Audix Technology Corp.
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FCC 15.247 & RSS-247
2.4GHz 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)14Z90P (2)14ZB90P (3)14ZD90P (4)14ZG90P (5)14ZC90P**
Brand		**LG**
FCC ID	**:**	**BEJNT-14Z90P**
IC	**:**	**2703H-14Z90P**

Prepared by: **:** **AUDIX Technology Corporation, EMC Department**

Testing Laboratory
1724

TESTING
NVLAP LAB CODE 200077-0

The test report is based on a single evaluation of one sample of the above-mentioned products. It does notimply 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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TEST REPORT

Applicant	:	LG Electronics Inc.
Manufacturer	:	LG Electronics Inc.
Factory	:	LG Electronics Nanjing New Technology Co., Ltd.
EUT Description		
(1) Product	:	Notebook Computer
(2) Model	:	(1)14Z90P (2)14ZB90P (3)14ZD90P (4)14ZG90P (5)14ZC90P
(3) Brand	:	LG
(4) Power Supply	:	DC 20V, 3.25A

Applicable Standards:

Title 47 FCC CFR, Part 15, Subpart C
RSS-Gen (Issue 5), April 2018
RSS-247 (Issue 2), February 2017
ANSI C63.10:2013

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: 2020. 11. 05

Reviewed by: Sabrina Wang (Sabrina Wang/Administrator)

Approved by: Johnny Hsueh (Johnny Hsueh/Section Manager)

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1. REVISION RECORD OF TEST REPORT

Edition No	Issued Date	Revision Summary	Report Number
0	2020. 11. 05	Original Report	EM-F200486

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2. SUMMARY OF TEST RESULTS

Rule		Description	Data Reused	Results
FCC	IC			
15.207	RSS-Gen §8.8	Conducted Emission	No	**PASS**
15.247(d)/ 15.205	RSS-Gen §8.9 RSS-247 §5.5	Radiated Band Edge and Radiated Spurious Emission	No	**PASS**
15.247(a)(2)	RSS-247 §5.2(1)	6dB/Occupied Bandwidth	Yes	**PASS**
15.247(b)(3)	RSS-247 §5.4(4)	Maximum Peak Output Power	SPOT CHECK Note 2	**PASS**
15.247(d)	RSS-247 §5.5	Conducted Band Edges and Conducted Spurious Emission	Yes	**PASS**
15.247 (e)	RSS-247 §5.2(2)	Peak Power Spectral Density	Yes	**PASS**
15.203	RSS-Gen §8.3	Antenna Requirement	---	**Compliance**

Note: 1. The uncertainties value is not used in determining the result.
2. This device embedded with same radio transmitter with FCC ID: BEJNT-15Z90N grant on 11/29 2019 and IC: 2703H-15Z90N (Report Number: EM-F190339) approved on 12/04/2019.According to KDB 484596 D01, we did spot check for output power and all output power values keep identical thus we reuse all results except to E.I.R.P. test items.

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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	LG Electronics Nanjing New Technology Co., Ltd. No.346,Yaoxin Road, Economic & Technical Development Zone, Nanjing, China.
Product	Notebook Computer
Model	(1)14Z90P (2)14ZB90P (3)14ZD90P (4)14ZG90P (5)14ZC90P The difference between all models is different in the sales customers. **Note: The 5 models [(1)14Z90P (2)14ZB90P (3)14ZD90P (4)14ZG90P (5)14ZC90P] are for FCC ID application, and only 1 model (14Z90P) is for ISED application.**
Brand	LG

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3.2. Description of EUT

<table>
<tr><td>Test Model</td><td>14Z90P</td></tr>
<tr><td>Serial Number</td><td>N/A</td></tr>
<tr><td>Power Rating</td><td>DC 20V, 3.25A</td></tr>
<tr><td>Hardware Version</td><td>1.0</td></tr>
<tr><td>Software Version</td><td>XY (X, Y can be 0 to 9 for different SW version not influence RF parameter)</td></tr>
<tr><td>RF Features</td><td>WLAN:802.11 a/b/g/n/ac/ax
Bluetooth: BT and BLE (BT 5.0)</td></tr>
<tr><td>Transmit Type</td><td>
<table>
<tr><th colspan="2">2.4 GHz</th></tr>
<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>
</table>
<table>
<tr><th colspan="2">UNII Bands</th></tr>
<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>
</table>
The MIMO is uncorrelated and supported SDM mode only.</td></tr>
<tr><td>Test Sample</td><td>
<table>
<tr><th>Sample No.</th><th>Test Item</th><th>Firmware</th></tr>
<tr><td>-01</td><td>AC Conduction</td><td>N/A</td></tr>
<tr><td>-02</td><td>AC Conduction, RSE, Output Power</td><td>N/A</td></tr>
</table></td></tr>
<tr><td>Sample Status</td><td>Mass production</td></tr>
<tr><td>Date of Receipt</td><td>2020. 10. 19</td></tr>
<tr><td>Date of Test</td><td>2020. 10. 22 ~ 11 .10</td></tr>
<tr><td>Interface Ports of EUT</td><td>• One Micro SD Card Slot
• One Earphone Port
• Two USB 3.0 Ports
• Two USB Type C Ports
• One HDMI Port</td></tr>
<tr><td>Accessories Supplied</td><td>• AC Adapter
• LAN Gender</td></tr>
</table>

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3.3. Reference Test Guidance

None

3.4. Antenna Information

No.	Antenna Part Number	Manufacture	Antenna Type	Frequency (MHz)	Max Gain(dBi)	
					Main	AUX
1.	WA-P-LELE-04-001	INPAQ	Mono-pole	2400	3.9	3.0
				2425	5.3	3.4
				2450	5.1	2.0
				2475	6.0	1.8
				2500	6.3	1.8
				5150	2.9	2.9
				5250	3.8	3.8
				5350	0.5	0.5
				5725	2.4	2.4
				5825	2.7	2.7
2	L1LRF005-CS-H	LUXSHARE-ICT	Mono-pole	2400	2.0	1.9
				2450	1.9	1.8
				2500	1.3	1.7
				5150	0.1	0.9
				5250	0.2	2.8
				5350	1.7	2.7
				5470	2.1	2.3
				5600	2.8	1.6
				5725	3.0	0.2
				5785	2.3	0.4
				5800	2.3	1.2
				5850	1.5	2.3

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3.5. EUT Specifications Assessed in Current Report

Mode	Fundamental Range (MHz)	Channel Number	Modulation	Data Rate (Mbps)
802.11b	2412-2472	13	DSSS (DBPSK/DQPSK/CCK)	Up to 11
802.11g		13	OFDM (BPSK/QPSK/16QAM/64QAM)	Up to 54
802.11n-HT20				Up to 144.4
802.11n-HT40	2422-2462	9	OFDM (BPSK/QPSK/16QAM/64QAM)	Up to 300
802.11ax-HE20	2412-2472	13	OFDMA (BPSK/ QPSK/ 16QAM/ 64QAM/ 256QAM/1024QAM)	Up to 287
802.11ax-HE40	2422-2462	9		Up to 574
BLE	2402-2480	40	GFSK (1M, 2M, PHY Coded S8, PHY Coded S2)	Up to 2

Channel List			
802.11 b/g/n-HT20/ax-HE20		802.11n-HT40/ax-HE40	
Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)
1	2412	3	2422
2	2417	4	2427
3	2422	5	2432
4	2427	6	2437
5	2432	7	2442
6	2437	8	2447
7	2442	9	2452
8	2447	10	2457
9	2452	11	2462
10	2457	---	
11	2462		
12	2467		
13	2472		

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Channel List							
BLE							
Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)
37	2402	09	2422	18	2442	28	2462
00	2404	10	2424	19	2444	29	2464
01	2406	38	2426	20	2446	30	2466
02	2408	11	2428	21	2448	31	2468
03	2410	12	2430	22	2450	32	2470
04	2412	13	2432	23	2452	33	2472
05	2414	14	2434	24	2454	34	2474
06	2416	15	2436	25	2456	35	2476
07	2418	16	2438	26	2458	36	2478
08	2420	17	2440	27	2460	39	2480

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3.6. Descriptions of Key Components

3.6.1. For the All Component Lists

Item	Supplier	Model / Type	Character
System	Microsoft	Win10 Home	---
		Win10 Pro	---
Main Board	LG	Blanc MAIN B/D PCB	Manufacturer: #1 Hannstar Board Tech(Jiang Yin) Corp., Ltd. #2 Elec & Eltek Company (MCO) Limited.
WLAN SUB Board	LG	14Z90P SUB B/D	Manufacturer: #1 Hannstar Board Tech(Jiang Yin) Corp., Ltd. #2 Elec & Eltek Company (MCO) Limited. #3 JiangSu HuaShen Electronic co., Ltd (HXF)
Intel CPU (Socket: FCBGA1449)	Intel	i7-1165G7	2.80GHz
	Intel	i5-1135G7	2.40GHz
	Intel	i3-1115G4	3.00GHz
14” LCD Panel	LG Display	LP148WU1(SP)(A1)	Resolution: 1900*1200, 60Hz WUXGA IPS (Non Touch)
Storage (SSD)	SK hynix	HFS001TD9TNG-L2A0A	1TB (M.2)
		HFS512GD9TNG-L2A0A	512GB (M.2)
		HFS256GD9TNG-L2A0A	256GB (M.2)
	Samsung	MZ-VLB1T0B	1TB (M.2)
		MZ-VLB512B	512GB (M.2)
		MZ-VLB256B	256GB (M.2)
Memory (RAM)	Samsung	---	16GB LPDDR4x(On Board)
	Samsung	---	8GB LPDDR4x(On Board)
	SK Hynix	---	16GB LPDDR4x(On Board)
	SK Hynix	---	8GB LPDDR4x(On Board)
Battery Pack	LG	LBS1224E	72Wh, DC7.7V, 72Wh Typ 9450mAh
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-LELE-04-001	PCB, Mono-pole Type Main: Black, Aux: Gray
	LG (LUXSHARE-ICT)	L1LRF005-CS-H	PCB, Mono-pole Typ Main: Black, Aux: Gray
Keyboard	TIC	KT0120B9	---
	LITE ON	SN8002	---
Web Camera	Chicony	CKFKH33-0	---
	Luxvisions	0BF108N3	---

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Item	Supplier	Model / Type	Character
LAN Gender (Type C to LAN)	SUZHOU MEC ELECTRONICS	80-5946-111	(White) 10/100 Megabit Ethernet
		80-5946-101	(Black) 10/100 Megabit Ethernet
	Type C to LAN: Shielded, Undetached, 0.12m		
	ARIN TECH CO. LTD	GD-08MF-36-WH-LP10	(White) 10/100 Megabit Ethernet
		GD-08MF-36-BK-LP11	(Black) 10/100 Megabit Ethernet
	Type C to LAN: Shielded, Undetached, 0.12m		
	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		
AC Adapter (65W)	LG (HONOR)	ADT-65DSU-D03-2	I/P: AC 100-240V, 1.6A, 50-60Hz O/P: DC 20V, 3.25A
	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.

3.6.2. 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, Blanc MAIN B/D PCB	V	V
SUB Board		LG, 14Z90P SUB B/D	V	V
CPU		i7-1165G7	V	
		i5-1135G7		V
14" LCD Panel		LG Display, LP148WU1(SP)(A1)	V	V
Storage (SSD) #1		Samsung, 1TB (M.2)	V	
		Samsung, 512GB (M.2)		V
Storage (SSD) #2		SK hynix, 1TB (M.2)	V	
		SK hynix, 512GB (M.2)		V
Memory (RAM)		Samsung, 16GB	V	
		SK hynix, 16GB		V
Battery Pack		LG, LBS1224E	V	V
Keyboard		TIC, KT0120B9	V	
		LITE ON, SN8002		V
Web Camera		Chicony, CKFKH33-0	V	
		Luxvisions, 0BF108N3		V
WLAN Combo Card		Intel, AX201D2W	V	V
WLAN Combo Antenna		LG (INPAQ), WA-P-LELE-04-001	V	
		LG (LUXSHARE-ICT), L1LRF005-CS-H		V
AC Adapter		LG (HONOR), ADT-65DSU-D03-2	V	V
Type C	Link to LAN Gender	MEC, 80-5946-111	V	
		ARIN, GD-08MF-36-WH-LP10		V

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3.7. Test Configuration

Mode	TX_{on} (ms)	1/ TX_{on} (kHz)	Duty Cycle (x)	Duty Cycle Factor [10log(1/x)] (dB)
802.11b	8.355	0.120	1.00	N/A
802.11g	2.087	0.479	0.98	N/A
802.11n-HT20	3.980	0.251	0.99	N/A
802.11n-HT40	3.980	0.251	0.99	N/A
802.11ax-HE20	3.970	0.252	0.99	N/A
802.11ax-HE40	3.970	0.252	0.99	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.

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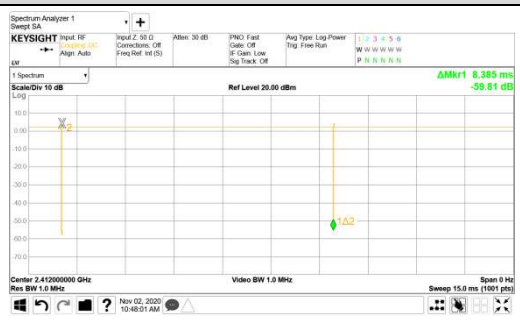
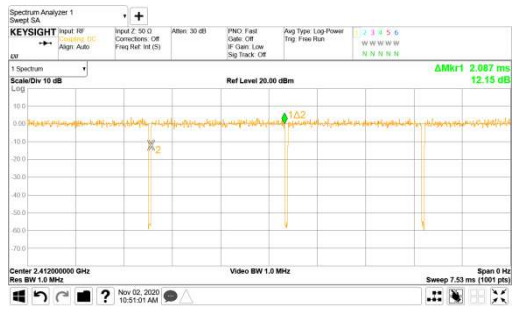
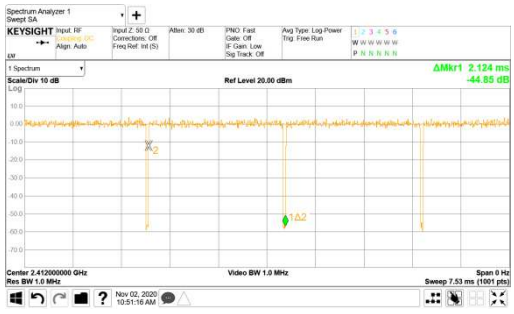
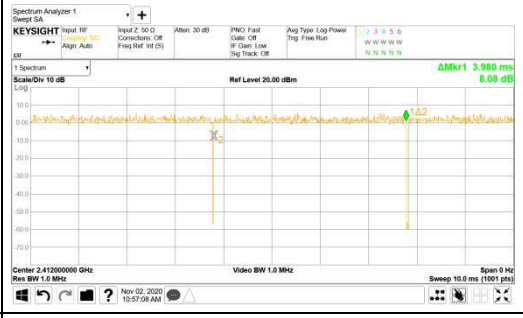
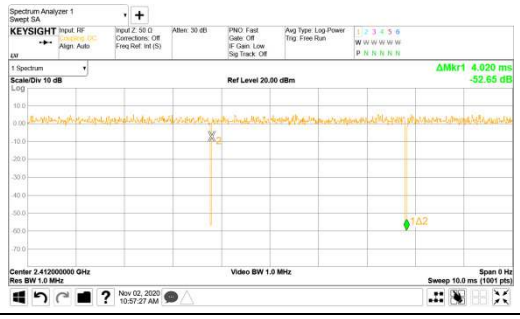
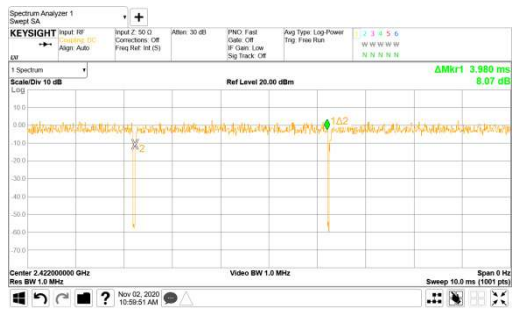
Mode	TX_{on} (ms)	$T_{on}+T_{off}$(ms)
802.11b		
802.11g		
802.11n-HT20		
802.11n-HT40		

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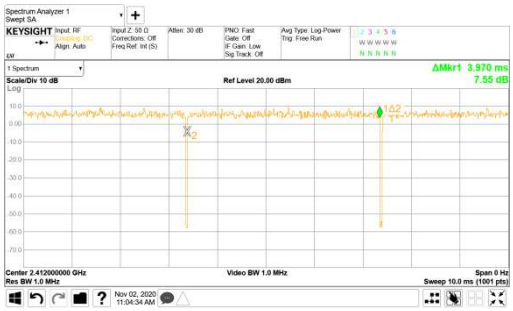
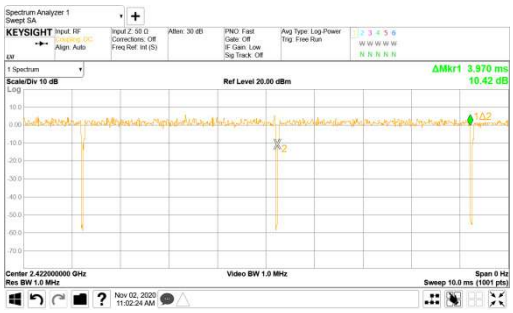
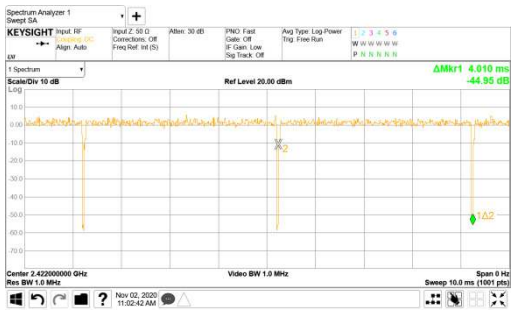
Mode	TX_{on} (ms)	$T_{on}+T_{off}$(ms)
802.11ax-HE20		
802.11ax-HE40		

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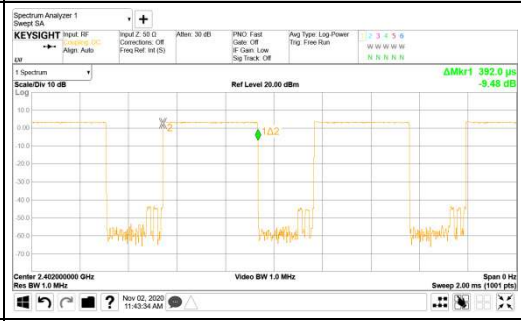
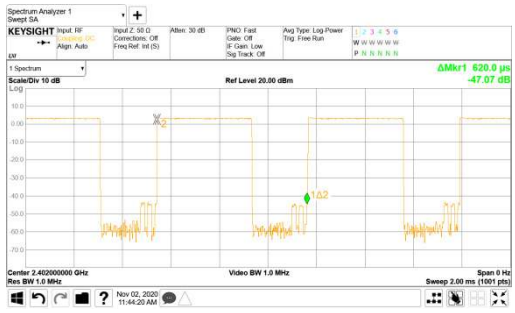
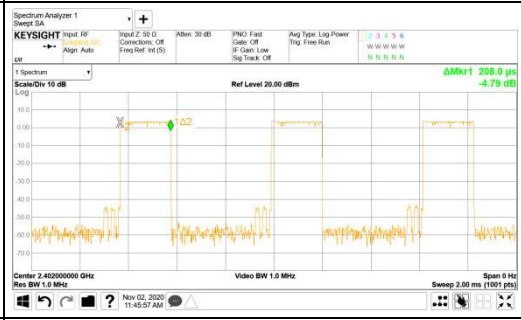
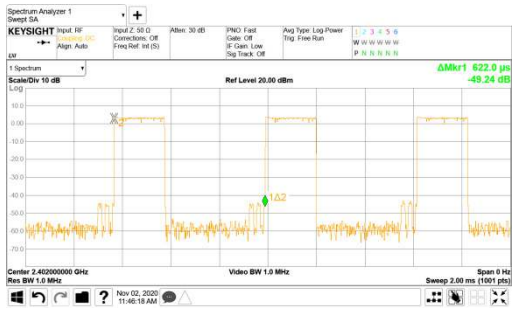
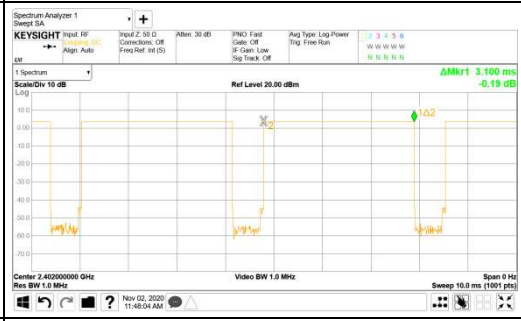
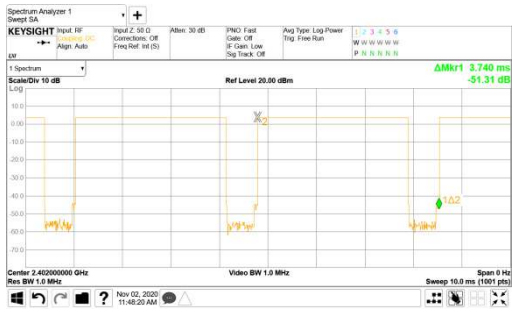
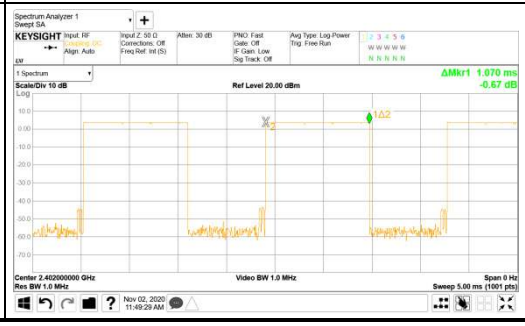
Mode	TX_{on} (ms)	1/ TX_{on} (kHz)
BLE (1Mbps)	0.392	2.551
BLE (2Mbps)	0.208	4.808
BLE(PHY Coded S2)	3.100	0.323
BLE(PHY Coded S8)	1.070	0.935

Mode	TX_{on} (ms)	$T_{on}+T_{off}$(ms)
BLE (1Mbps)		
BLE (2Mbps)		
BLE (PHY Coded S2)		
BLE (PHY Coded S8)		

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AC Conduction	
SKU #1	Normal operation (with INPAQ Antenna)
SKU #2	Normal operation (with LUXSHARE-ICT Antenna)

Item			Mode	Data Rate	Test Channel
Radiated Test Case	SKU #1	Radiated Band Edge Note1 & 3	802.11b	1Mbps	1/2/10/11/12/13
			802.11g	6Mbps	1/2/10/11/12/13
			802.11n-HT20	MCS8	1/2/10/11/12/13
			802.11n-HT40	MCS8	3/4/8/9/10/11
			802.11ax-HE20	HE0	1/2/10/11/12/13
			802.11ax-HE40	HE0	3/4/8/9/10/11
			BLE	1Mbps	37/39
			BLE	2Mbps	37/39
		Radiated Spurious Emission Note1&2&3	802.11b	1Mbps	7
			802.11g	6Mbps	7
			802.11n-HT20	MCS8	7
			802.11n-HT40	MCS8	8
			802.11ax-HE20	HE0	7
			802.11ax-HE40	HE0	7
			BLE	1Mbps	37/17/39

Item			Mode	RU Config	Test Channel
Radiated Test Case	SKU #1	Radiated Band Edge Note 1 & 3	802.11ax-HE20	26/0	1
				52/37	
				106/53	
				26/8	13
				52/40	
				106/54	
			802.11ax-HE40	242/61	3
				242/62	11

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Item		Mode	Data Rate	Test Channel
Conducted Test Case	6dB/Occupied Bandwidth **(Data Reused)**	802.11b	1Mbps	1/7/11/13
		802.11g	6Mbps	1/7/11/13
		802.11n-HT20	MCS8	1/7/11/13
		802.11n-HT40	MCS8	3/7/9/11
		802.11ax-HE20	HE0	1/7/11/13
		802.11ax-HE40	HE0	3/7/9/11
		BLE	1Mbps	37/17/39
	Peak Output Power **(SPOT Check)**	802.11b	1Mbps	1/2/7/10/11/12/13
		802.11g	6Mbps	1/2/7/10/11/12/13
		802.11n-HT20	MCS8	1/2/7/10/11/12/13
		802.11n-HT40	MCS8	3/4/7/8/9/10/11
		802.11ax-HE20	HE0	1/2/7/10/11/12/13
		802.11ax-HE40	HE0	3/4/7/8/9/10/11
		BLE	1Mbps	37/17/39
			2Mbps	37/17/39
			PHY Coded S2	37/17/39
			PHY Coded S8	37/17/39
	Band Edge **(Data Reused)**	802.11b	1Mbps	1/11/13
		802.11g	6Mbps	1/11/13
		802.11n-HT20	MCS8	1/11/13
		802.11n-HT40	MCS8	3/9/11
		802.11ax-HE20	HE0	1/11/13
		802.11ax-HE40	HE0	3/9/11
		BLE	1Mbps	37/39
	Spurious Emission **(Data Reused)**	802.11b	1Mbps	1/7/11/13
		802.11g	6Mbps	1/7/11/13
		802.11n-HT20	MCS8	1/7/11/13
		802.11n-HT40	MCS8	3/7/9/11
		802.11ax-HE20	HE0	1/7/11/13
		802.11ax-HE40	HE0	3/7/9/11
		BLE	1Mbps	37/17/39
	Peak Power Spectral Density **(Data Reused)**	802.11b	1Mbps	1/7/11/13
		802.11g	6Mbps	1/7/11/13
		802.11n-HT20	MCS8	1/7/11/13
		802.11n-HT40	MCS8	3/7/9/11
		802.11ax-HE20	HE0	1/7/11/13
		802.11ax-HE40	HE0	3/7/9/11
		BLE	1Mbps	37/17/39

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Item		Mode	Data Rate	RU Configuration	Test Channel
Conducted Test Case	6dB/Occupied Bandwidth **(Data Reused)**	802.11ax-HE20	HE0	26/0	1
				52/37	
				106/53	
			HE0	26/8	13
				52/40	
				106/54	
		802.11ax-HE40	HE0	242/61	3
			HE0	242/62	11
	Peak Output Power **(SPOT Check)**	802.11ax-HE20	HE0	26/0	1
				52/37	
				106/53	
			HE0	26/8	13
				52/40	
				106/5	
		802.11ax-HE40	HE0	242/61	3
			HE0	242/62	11
	Peak Power Spectral Density **(Data Reused)**	802.11ax-HE20	HE0	26/0	1
				52/37	
				106/53	
			HE0	26/8	13
				52/40	
				106/54	
		802.11ax-HE40	HE0	242/61	3
			HE0	242/62	11

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

Note 5: The data rates were selected based on preliminary testing that identified rate as the worst case for output power.

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3.8. Output Power Setting

SPOT CHECK

Mode	Centre Frequency (MHz)	Power Setting		Mode	Centre Frequency (MHz)	Power Setting	
		Chain 0 (AUX)	Chain 1 (Main)			Chain 0 (AUX)	Chain 1 (Main)
802.11b	2412	19.00	19.00	802.11g	2412	16.75	16.75
	2417	20.00	20.00		2417	18.25	18.25
	2442	20.25	20.25		2442	20.50	20.50
	2457	20.25	20.25		2457	18.75	18.75
	2462	19.00	19.00		2462	18.00	18.00
	2467	17.25	17.25		2467	14.50	14.50
	2472	11.75	11.75		2472	1.00	1.00

Mode	Centre Frequency (MHz)	Power Setting	Mode	Centre Frequency (MHz)	Power Setting
802.11n-HT20	2412	14.00	802.11n-HT40	2412	13.50
	2417	15.50		2427	12.50
	2442	18.00		2442	14.50
	2457	16.00		2447	14.50
	2462	15.00		2452	13.25
	2467	11.75		2457	7.50
	2472	-1.25		2462	1.50

Mode	Centre Frequency (MHz)	Power Setting	Mode	Centre Frequency (MHz)	Power Setting
802.11ax-HE20	2412	14.00	802.11ax-HE40	2412	13.50
	2417	15.50		2427	12.50
	2442	17.75		2442	14.50
	2457	15.875		2447	14.75
	2462	15.00		2452	13.00
	2467	11.75		2457	7.50
	2472	-1.00		2462	1.50

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Mode	RU Configuration	Centre Frequency (MHz)	Power Setting
802.11ax-HE20	26/0	2412	13.50
	52/37		13.50
	106/53		12.25
	26/0	2472	-3.50
	52/37		-3.50
	106/53		-3.50
802.11ax-HE40	242/61	2422	13.00
	242/62	2467	1.00

Mode	Centre Frequency (MHz)	Power Setting			
		1M	2M	PHY Coded S2	PHY Coded S8
BLE	2402	4	4	4	4
	2440	4	4	4	4
	2480	4	4	4	4

3.9. Tested Supporting System List

3.9.1. Support Peripheral Unit

No.	Product	Brand	Model No.	Serial No.	Approval
1.	LCD Monitor	DELL	U2718Qb	N/A	FCC By DoC
2.	USB Mouse	DELL	MS111-T	CN-0KW2YH-716 16-282-0XYU	FCC By DoC
3.	Earphone	APPLE	N/A	N/A	N/A
4.	SD Card	ADATA	MicroSDHC Card	N/A	N/A
Partner System					
5.	AP Server	ASUS	RT-AX88U	N/A	FCC ID: MSQ-RTAXHP00 IC: 3568A-RTAXHP00

3.9.2. Cable Lists

No.	Cable Description Of The Above Support Units
1.	HDMI Cable: Shielded, Detachable, 1.8m AC Power Cord: Unshielded, Detachable, 1.8m
2.	USB Cable: Unshielded, Undetachable, 1.8m
3.	Earphone Cable: Unshielded, Undetachable, 0.9m
4.	N/A
5.	LAN Cable: Unshielded, Undetachable, 3.0m AC Power Cord: Unshielded, Detachable, 1.8m

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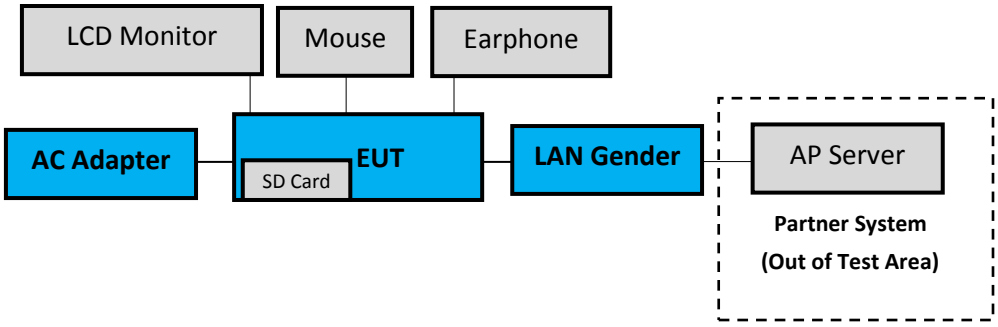
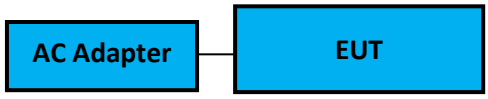
3.10.Setup Configuration

3.10.1. EUT Configuration for Power Line & Radiated Emission



3.10.2. EUT Configuration for RF Conducted Test Items



3.11.Operating Condition of EUT

Test program “DRTU” is used for enabling EUT BT or 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)].

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3.12.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 17025:2017 (1) NVLAP(USA) NVLAP Lab Code 200077-0 (2) TAF(Taiwan) No. 1724
Test Facilities	FCC OET Designation Number under APEC MRA by NCC is : TW1724 ISED CAB Identifier Number under APEC TEL MRA by NCC is TW1724 (1) No.8 Shielded Room (2) No.1 3m Semi Anechoic Chamber

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3.13.Measurement Uncertainty

Test Items/Facilities			Frequency Range	Uncertainty
Conduction Test			9kHz-150kHz	±3.7dB
			150kHz-30MHz	±3.5dB
Radiation Test	☒	No.1 3m Semi Anechoic Chamber	30MHz-200MHz, 3m, Horizontal	±4.1dB
			200MHz-1000MHz, 3m, Horizontal	±3.9dB
			30MHz-200MHz, 3m, Vertical	±4.2dB
			200MHz-1000MHz, 3m, Vertical	±4.1dB
			1GHz-6GHz, 3m	±4.2dB
			6GHz-18GHz, 3m	±4.6dB
	☐	No.3 3m Semi Anechoic Chamber	30MHz-200MHz, 3m, Horizontal	±3.9dB
			200MHz-1000MHz, 3m, Horizontal	±3.9dB
			30MHz-200MHz, 3m, Vertical	±4.4dB
			200MHz-1000MHz, 3m, Vertical	±4.1dB
	☐	No.4 3m Semi Anechoic Chamber	30MHz-200MHz, 3m, Horizontal	±4.3dB
			200MHz-1000MHz, 3m, Horizontal	±4.0dB
			30MHz-200MHz, 3m, Vertical	±4.3dB
			200MHz-1000MHz, 3m, Vertical	±4.4dB
			1GHz-6GHz, 3m	±4.5dB
			6GHz-18GHz, 3m	±4.6dB
	☐	No.5 3m Semi Anechoic Chamber	30MHz-200MHz, 3m, Horizontal	±4.0dB
			200MHz-1000MHz, 3m, Horizontal	±3.9dB
			30MHz-200MHz, 3m, Vertical	±4.2dB
			200MHz-1000MHz, 3m, Vertical	±4.3dB
			1GHz-6GHz, 3m	±4.3dB
			6GHz-18GHz, 3m	±4.7dB
	☒	Fully Anechoic Chamber	30MHz~1000MHz	±4.6dB
			1GHz~18GHz	±5.4dB
			18GHz~40GHz	±3.52dB
			40GHz~260GHz	±3.56dB

Remark：Uncertainty = $ku_c(y)$

Test Item	Uncertainty
6dB Bandwidth	± 0.05kHz
Maximum peak output power	± 0.33dB
Power spectral density	± 0.13dB
Conducted Emission Limitations	± 0.13dB

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4. MEASUREMENT EQUIPMENTLIST

4.1. Conducted Emission Measurement

Item	Type	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Interval
1.	Test Receiver	R&S	ESR3	101774	2020.02.04	1 Year
2.	A.M.N.	R&S	ENV432	101567	2020.04.20	1 Year
3.	L.I.S.N.	Kyoritsu	KNW-407	8-855-9	2019.12.10	1 Year
4.	Pulse Limiter	R&S	ESH3-Z2	100354	2020.01.05	1 Year
5.	Digital Thermo-Hygro Meter	iMax	HTC-1	No.8 S/R	2020.04.17	1 Year
6.	Coaxial Cable	Yeida	RG/58AU	CE-08	2020.09.19	1 Year
7.	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	N9030A-526	MY53400071	2020.01.16	1 Year
2.	Spectrum Analyzer	Keysight	N9010B-544	MY55460198	2020.04.29	1 Year
3.	Test Receiver	R&S	ESCS30	100338	2020.06.10	1 Year
4.	Amplifier	HP	8447D	2944A06305	2020.01.16	1 Year
5.	Amplifier	HP	8449B	3008A02678	2020.02.27	1 Year
6.	Amplifier	HP	8449B	3008A01284	2020.05.26	1 Year
7.	Amplifier	Keysight	83051A	MY53010042	2020.08.05	1 Year
8.	Loop Antenna	R&S	HFH2-Z2	891847/27	2019.12.26	2 Years
9.	Bilog Antenna	TESEQ	CBL6112D	33821	2020.01.17	1 Year
10.	Horn Antenna	EMCO	3115	9609-4927	2020.06.23	1 Year
11.	Horn Antenna	EMCO	3117	00135902	2020.03.20	1 Year
12.	Horn Antenna	COM-POWER	AH-840	101092	2020.05.08	1 Year
13.	2.4GHz Notch Filter	K&L	7NSL10-2441.5/E 130.5-O/O	1	2020.07.24	1 Year
14.	3GHz Notch Filter	Microwave	H3G018G1	484796	2020.08.20	1 Year
15.	Coaxial Cable	MIYAZAKI	5D2W	RE-11	2020.01.31	1 Year
16.	Coaxial Cable	HUBER+SUHNER	SUCOFLEX 106	RE-14	2020.01.31	1 Year
17.	Coaxial Cable	HUBER+SUHNER	SUCOFLEX 104	RE-29	2020.09.19	1 Year
18.	Coaxial Cable	HUBER+SUHNER	SUCOFLEX 102	RE-30	2020.09.19	1 Year
19.	Digital Thermo-Hygro Meter	iMax	HTC-1	No.1 3m A/C	2020.04.17	1 Year
20.	Digital Thermo-Hygro Meter	EVERY DAY	E-512	RF-02	2020.04.17	1 Year
21.	Test Software	Audix	e3	V6.120619c	N.C.R.	N.C.R.
22.	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	2020.01.10	1 Year
2.	Power Meter	Anritsu	ML2487A	6K00005406	2020.04.29	1 Year
3.	Power Sensor	Anritsu	MA2491A	030873	2020.04.29	1 Year
4.	Digital Thermo-Hygro Meter	Shenzhen Datronn Electronics	KT-905	RF	2020.04.17	1 Year

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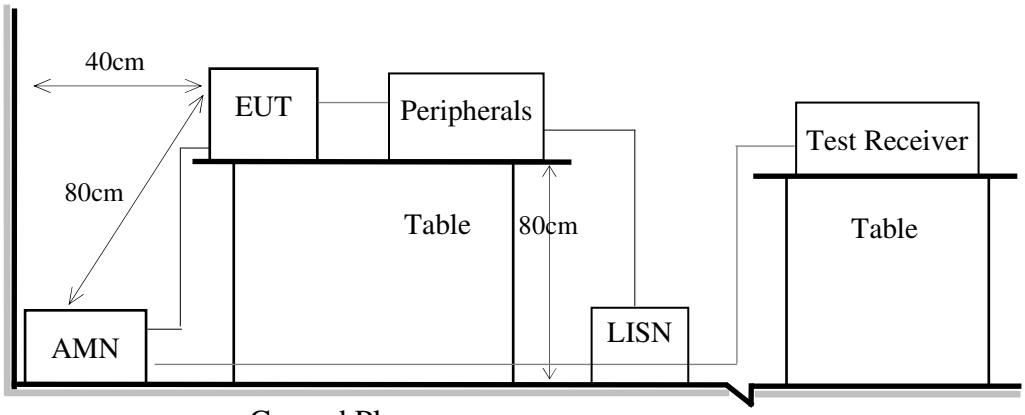
5. CONDUCTED EMISSION

5.1. Block Diagram of Test Setup

5.1.1. Block Diagram of EUT

Indicated as section 3.9

5.1.2. Shielded Room Setup Diagram



5.2. Conducted Emission Limit

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

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

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

5.3. Test Procedure

5.3.1. To set up the EUT as indicated in ANSI C63.10. The EUT was placed on the table which has 80 cm height to the ground and 40 cm distance to the conducting wall.

5.3.2. Power supplier of the EUT was connected to the AC mains through an Artificial Mains Network (A.M.N.).

5.3.3. The AC power supplies to all peripheral devices must be provided through line impedance stabilization network (L.I.S.N.)

5.3.4. Checking frequency range from 150kHz to 30 MHz and record the emission which does not have 20 dB below limit.

5.4. Test Results

Please refer to Appendix A.

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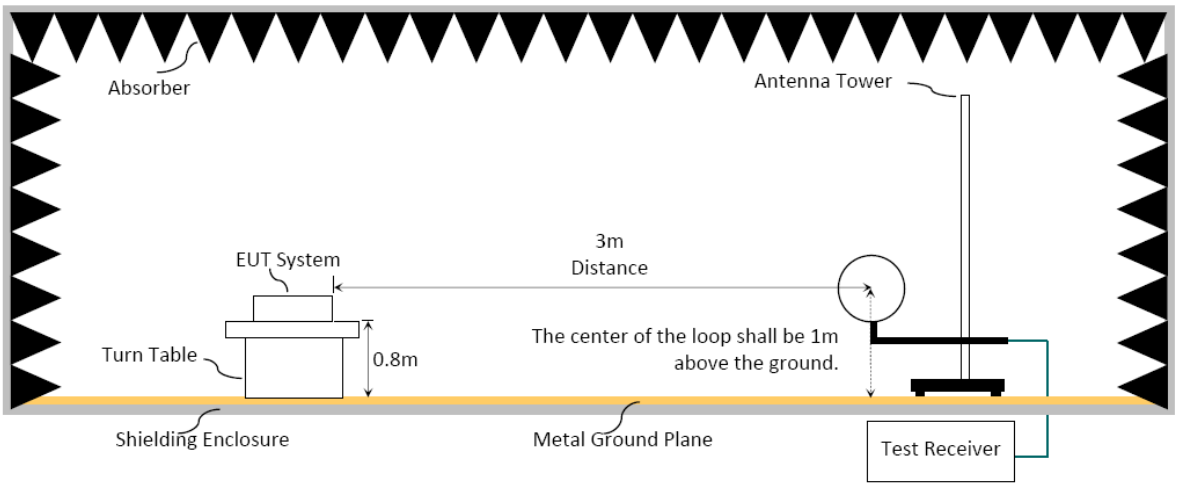
6. RADIATED EMISSION

6.1. Block Diagram of Test Setup

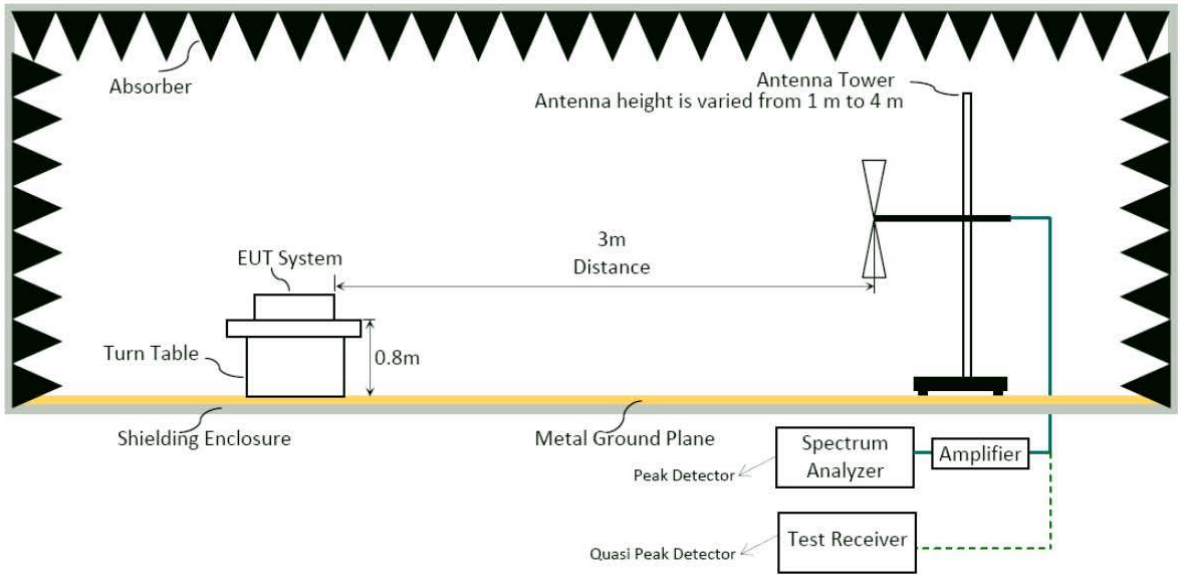
6.1.1. Block Diagram of EUT

Indicated as section 3.9

6.1.2. Setup Diagram for 9kHz-30MHz



6.1.3. Setup Diagram for 30-1000MHz



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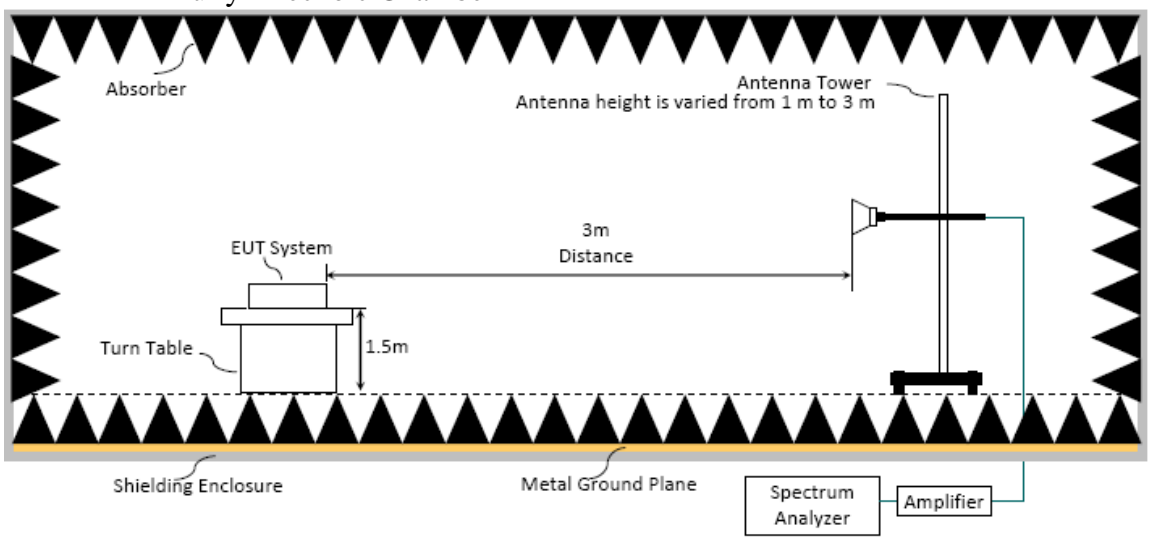
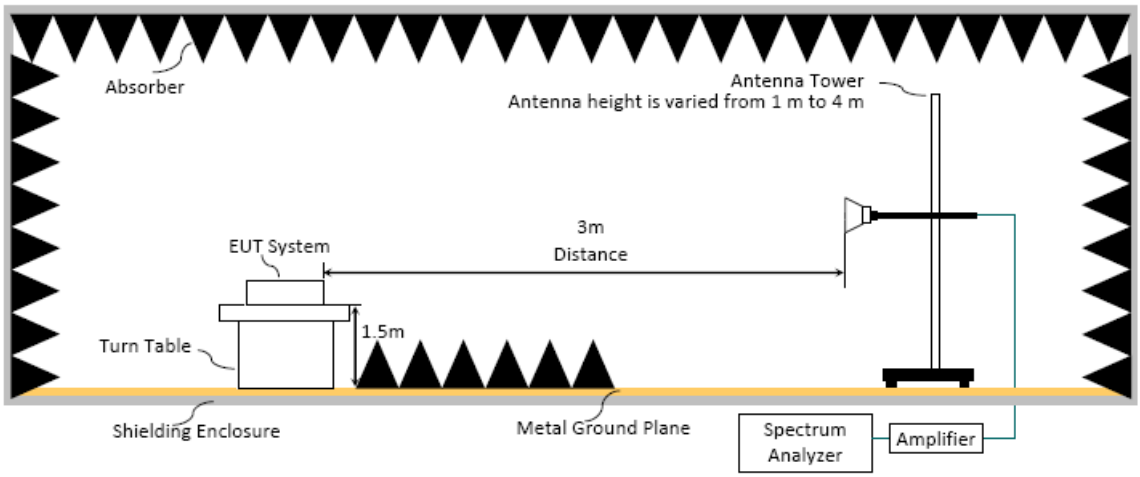
6.1.4. Setup Diagram for above 1GHz

Fully Anechoic Chamber



Semi Anechoic Chamber



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6.2. Radiated Emission Limits

In any 100kHz bandwidth outside the frequency band, the radio frequency power produced by the intentional radiator shall be at least 20dB below that in the 100kHz bandwidth within the band that contains the highest level. In addition, radiated emissions which fall in restricted bands, as defined in Section 15.205/RSS-Gen Section 8.10 table 6, must also comply with the radiated emission limits specified as below.

Frequency (MHz)	Distance(m)	Limits	
		dBμV/m	μV/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 dBμV/m (Peak) 54.0 dBμV/m (Average)	

Remark：(1) dBμV/m = 20 log (μV/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.

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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 C63.10-2013regulation.

(1) RBW = 9kHz with peak and average detector.

(2) Detector: average and peak (9kHz-490kHz)
Q.P. (490kHz-30MHz)

Frequency Range 30MHz ~ 25GHz:
The EUT setup on the turn table which has 80cm (for 30-1000MHz) and 1.5m (for above 1GHz) height to the ground. The turn table rotated 360 degrees and antenna varied from 1 m to 4 m (for 30-1000MHz) and from 1m to 3m (for above 1GHz at fully Anechoic Chamber)or from 1 m to 4 m (for above 1GHz at Semi Anechoic Chamber) 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 C63.10-2013regulation.

Frequency below 1GHz:
Spectrum Analyzer is used for pre-testing with following setting:

(1)RBW = 120KHz

(2)VBW ≥ 3 x 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 theQ.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 25 GHz):
Peak Detector:

(1)RBW = 1MHz

(2)VBW ≥ 3 x 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.

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Average Detector:

■**Option 1:**

(1)RBW = 1MHz

(2)VBW ≥ 1/ T.

Modulation Type	T (ms)	1/ T (kHz)	VBW Setting(Hz)
BLE (1Mbps)	0.392	2.551	3kHz
BLE (2Mbps)	0.208	4.808	3kHz
802.11b	8.355	0.120	10Hz
802.11g	2.087	0.479	10Hz
802.11n-HT20	3.980	0.251	10Hz
802.11n-HT40	3.980	0.251	10Hz
802.11ax-HE20	3.970	0.252	10Hz
802.11ax-HE40	3.970	0.252	10Hz

N/A: 1/ T is not implemented when duty cycle presented in section 3.6 is ≥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 l=Antenna Factor + Cable Loss + Meter Reading (including Preamp factor if test used)

□Average Emission Level= Peak Emission Level+ DCCF

Duty Cycle Correction Factor (DCCF)= 20log(TX_{on}/TX_{on+off}) presented in section 3.6

□ERP= Peak Emission Level-95.2dB-2.14dB

6.5. Test Results

Please refer to Appendix A.

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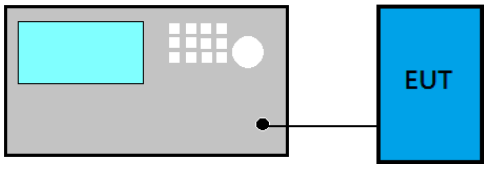
7. 6dB/OCCUPIED BANDWIDTH

7.1. Block Diagram of Test Setup



7.2. Specification Limits

The minimum 6dB bandwidth shall be at least 500kHz.

7.3. Test Procedure

Following measurement procedure is reference to ANSI C63.10:2013:

For 6dB Bandwidth

(1) Set RBW = 100 kHz.
(2) Set the video bandwidth (VBW) ≥ 3 × 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 to -6dB power to record the final bandwidth..

For 99% Occupied Bandwidth

(1) Set Span range 1.5~5 times the OBW
(2) Set RBW close to1% to 5% of OBW.
(3) Set VBW≥3xRBW.
(4) Detector = Peak.
(5) Trace mode = Max hold
(6) Sweep = Auto couple.
(7) Allow the trace to stabilize.

7.4. Test Results

Please refer to Appendix A

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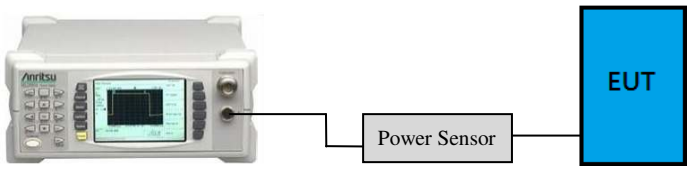
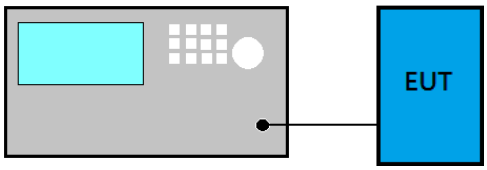
8. MAXIMUM PEAK OUTPUT POWER

8.1. Block Diagram of Test Setup

- For WLAN Function



- For BLE Function



8.2. Specification Limits

The Limits of maximum Peak Output Power for digital modulation in 2400-2483.5MHz is : 1Watt. (30dBm), and E.I.R.P.: 4Watt (36dBm)

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8.3. Test Procedure

Following measurement procedure is reference to ANSI C63.10:2013:

■PKPM1 Peak power meter method:

EUT is connected to power sensor and record the maximum output power.

■Maximum peak conducted output power method:

(1) Set the RBW ≥ DTS bandwidth
(2) Set VBW ≥ 3 × RBW
(3) Set span ≥ 3 × RBW.
(4) Sweep time = auto couple
(5) Detector = peak.
(6) Trace mode = max hold.
(7) Allow trace to fully stabilize.
(8) Use peak marker function to determine the peak amplitude level.

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

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

□Method AVGSA-2 (Spectrum channel power)

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

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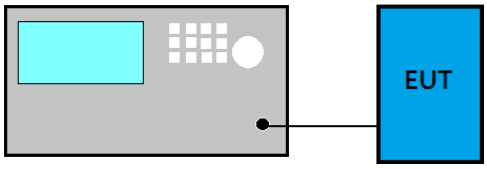
9. EMISSION LIMITATIONS

9.1. Block Diagram of Test Setup



9.2. Specification Limits

In any 100kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20dB below that in the100kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, that the required attenuation shall be 30 dB instead of 20 dB.

Attenuation below the general limits specified in Section 15.209(a)/RSS-Gen Section 8.9 table 4is not required. In addition, radiated emissions which fall in restricted bands, as defined in Section 15.205(a)/RSS-Gen Section 8.10 table 6, must also comply with the radiated emission limits specified in Section 15.209(a)/RSS-Gen Section 8.9 table 4 (See Section 15.205(c)).

9.3. Test Procedure

Following measurement procedure is reference to ANSI C63.10:2013:

■Reference Level

(1) Set analyzer center frequency to DTS channel center frequency.
(2) Set the span to 1.5 times the DTS bandwidth.
(3) Set the RBW to: 100 kHz.
(4) Set the VBW ≥ 3 × RBW.
(5) Detector = peak.
(6) Sweep time = auto couple.
(7) Trace mode = max hold.
(8) Allow trace to fully stabilize to find the max PSD as reference level.

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■Emission Level Measurement

(1) Set analyzer center frequency to DTS channel center frequency.
(2) Set the span to 1.5 times the DTS bandwidth.
(3) Set the RBW to: 100 kHz.
(4) Set the VBW ≥ 3 × RBW.
(5) Detector = peak.
(6) Sweep time = auto couple.
(7) Trace mode = max hold.
(8) Allow trace to fully stabilize to find the max level.

9.4. Test Results

Please refer to Appendix A

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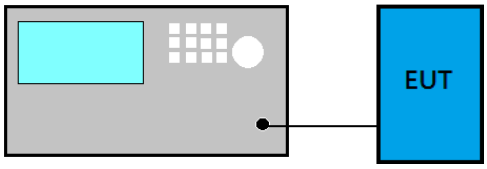
10. POWER SPECTRAL DENSITY

10.1. Block Diagram of Test Setup



10.2. Specification Limits

The peak power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8dBm in any 3kHz band.

10.3. Test Procedure

Following measurement procedure is reference to ANSI C63.10:2013:

■Method PKPSD (peak PSD)

(1) Set analyzer center frequency to DTS channel center frequency.
(2) Set the span to 1.5 times the DTS bandwidth.
(3) Set the RBW to: 3 kHz ≤ RBW ≤ 100 kHz.
(4) Set the VBW ≥ 3 × RBW.
(5) Detector = peak.
(6) Sweep time = auto couple.
(7) Trace mode = max hold.
(8) Allow trace to fully stabilize.
(9) Use the peak marker function to determine the maximum amplitude level.
(10) If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.

□Method AVGPSD-2

(1) Using peak PSD procedure step 1 to step 4.
(2) Detector= RMS detector
(3) Sweep time = auto couple
(4) Trace mode = trace averaging over a minimum of 100 traces
(5) Use the peak marker function to determine the maximum amplitude level.
(6) Duty cycle factor is added when duty cycle presented in section 3.7< 98%.
(7) If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.

10.4. Test Results

Please refer to Appendix A

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11. DEVIATION TO TEST SPECIFICATIONS

【NONE】

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APPDNDIX A

TEST DATA AND PLOTS

(Model: 14Z90P)

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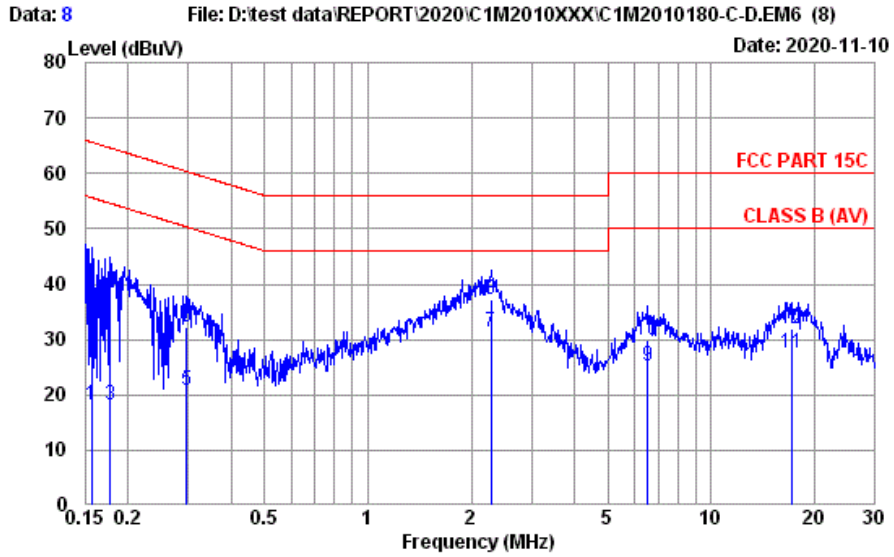
A.1 CONDUCTED EMISSION

Test Date	2020/11/10	Temp./Hum.	24℃/57%
Test Voltage	AC 120V 60Hz (Via AC Adapter)	Tested By	Roy Hung
Test SKU	SKU #1 (with INPAQ Antenna)		



Site No. : No.8 Shielded Room
Instrument 1 : Receiver ESR(774)
Instrument 2 : ENV432 (567)(A)|CE-08|ESH3-Z2 (354)
Limit : FCC PART 15C
Environment : 24°C / 57%
EUT Model : 14Z90P
Test Mode : Operating
INPAQ

Data No. : 8
Phase : NEUTRAL
Engineer : Roy Hung
Test Rating : 120Vac/60Hz

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBµV)	Emission Level (dBµV)	Limits (dBµV)	Margin (dB)	Remark
1	0.156	10.20	0.03	9.85	-1.91	18.17	55.65	37.48	Average
2	0.156	10.20	0.03	9.85	18.68	38.76	65.65	26.89	QP
3	0.178	10.20	0.03	9.85	-2.00	18.08	54.59	36.51	Average
4	0.178	10.20	0.03	9.85	18.30	38.38	64.59	26.21	QP
5	0.296	10.20	0.03	9.85	0.61	20.69	50.37	29.68	Average
6	0.296	10.20	0.03	9.85	12.14	32.22	60.37	28.15	QP
7	2.285	10.30	0.07	9.86	11.09	31.32	46.00	14.68	Average
8	2.285	10.30	0.07	9.86	17.12	37.35	56.00	18.65	QP
9	6.523	10.38	0.11	9.90	4.93	25.32	50.00	24.68	Average
10	6.523	10.38	0.11	9.90	9.47	29.86	60.00	30.14	QP
11	17.109	10.79	0.18	9.95	6.50	27.42	50.00	22.58	Average
12	17.109	10.79	0.18	9.95	11.10	32.02	60.00	27.98	QP

Remarks: 1. Emission Level= AMN Factor + Cable Loss + Pulse Att. + Reading.

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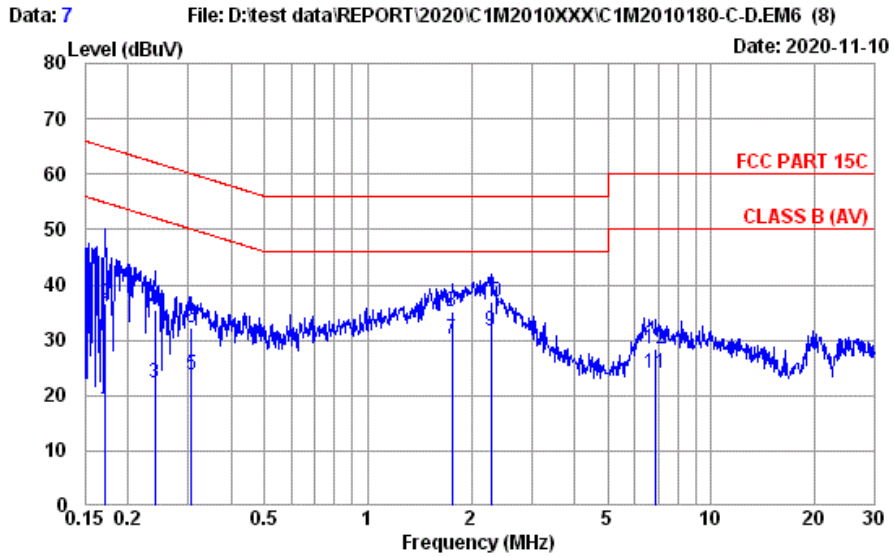
Test Date	2020/11/10	Temp./Hum.	24℃/57%
Test Voltage	AC 120V 60Hz (Via AC Adapter)	Tested By	Roy Hung
Test SKU	SKU #1 (with INPAQ Antenna)		



Site No. : No.8 Shielded Room
Data No. : 7
Instrument 1 : Receiver ESR(774)
Instrument 2 : ENV432 (567)(A)|CE-08|ESH3-Z2 (354)
Limit : FCC PART 15C
Phase : LINE
Environment : 24°C / 57%
Engineer : Roy Hung
EUT Model : 14Z90P
Test Rating : 120Vac/60Hz
Test Mode : Operating
INPAQ

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBμV)	Emission Level (dBμV)	Limits (dBμV)	Margin (dB)	Remark
1	0.172	10.20	0.03	9.85	-2.44	17.64	54.86	37.22	Average
2	0.172	10.20	0.03	9.85	16.66	36.74	64.86	28.12	QP
3	0.239	10.20	0.03	9.85	2.09	22.17	52.13	29.96	Average
4	0.239	10.20	0.03	9.85	15.40	35.48	62.13	26.65	QP
5	0.307	10.20	0.03	9.85	3.60	23.68	50.06	26.38	Average
6	0.307	10.20	0.03	9.85	12.19	32.27	60.06	27.79	QP
7	1.762	10.30	0.06	9.86	10.10	30.32	46.00	15.68	Average
8	1.762	10.30	0.06	9.86	14.82	35.04	56.00	20.96	QP
9	2.285	10.30	0.07	9.86	11.28	31.51	46.00	14.49	Average
10	2.285	10.30	0.07	9.86	16.59	36.82	56.00	19.18	QP
11	6.878	10.30	0.11	9.90	3.83	24.14	50.00	25.86	Average
12	6.878	10.30	0.11	9.90	8.18	28.49	60.00	31.51	QP

Remarks: 1. Emission Level= AMN Factor + Cable Loss + Pulse Att. + Reading.

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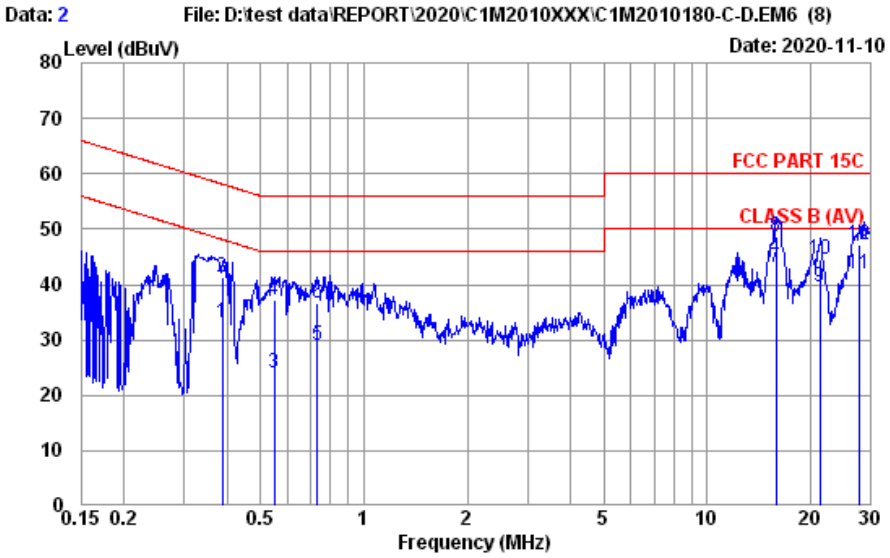
Test Date	2020/11/10	Temp./Hum.	24℃/57%
Test Voltage	AC 120V 60Hz (Via AC Adapter)	Tested By	Roy Hung
Test SKU	SKU #2 (with LUXSHARE-ICT Antenna)		



Site No. : No.8 Shielded Room
Instrument 1 : Receiver ESR(774)
Instrument 2 : ENV432 (567)(A)|CE-08|ESH3-Z2 (354)
Limit : FCC PART 15C
Environment : 24°C / 57%
EUT Model : 14Z90P
Test Mode : Operating
Luxshare

Data No. : 2
Phase : NEUTRAL
Engineer : Roy Hung
Test Rating : 120Vac/60Hz

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBµV)	Emission Level (dBµV)	Limits (dBµV)	Margin (dB)	Remark
1	0.387	10.20	0.03	9.85	13.13	33.21	48.12	14.91	Average
2	0.387	10.20	0.03	9.85	21.17	41.25	58.12	16.87	QP
3	0.549	10.20	0.03	9.85	3.95	24.03	46.00	21.97	Average
4	0.549	10.20	0.03	9.85	17.28	37.36	56.00	18.64	QP
5	0.731	10.20	0.04	9.85	8.82	28.91	46.00	17.09	Average
6	0.731	10.20	0.04	9.85	16.59	36.68	56.00	19.32	QP
7	15.885	10.74	0.18	9.94	22.17	43.03	50.00	6.97	Average
8	15.885	10.74	0.18	9.94	27.90	48.76	60.00	11.24	QP
9	21.260	10.93	0.21	9.97	18.58	39.69	50.00	10.31	Average
10	21.260	10.93	0.21	9.97	23.55	44.66	60.00	15.34	QP
11	27.855	11.06	0.23	10.00	20.72	42.01	50.00	7.99	Average
12	27.855	11.06	0.23	10.00	25.91	47.20	60.00	12.80	QP

Remarks: 1. Emission Level= AMN Factor + Cable Loss + Pulse Att. + Reading.

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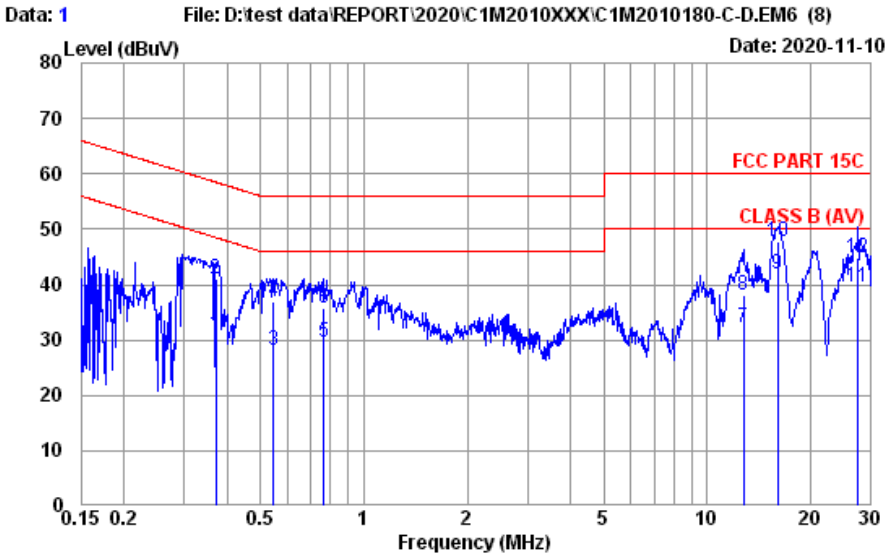
Test Date	2020/11/10	Temp./Hum.	24℃/57%
Test Voltage	AC 120V 60Hz (Via AC Adapter)	Tested By	Roy Hung
Test SKU	SKU #2 (with LUXSHARE-ICT Antenna)		



Site No. : No.8 Shielded Room
Data No. : 1
Instrument 1 : Receiver ESR(774)
Instrument 2 : ENV432 (567)(A)|CE-08|ESH3-Z2 (354)
Limit : FCC PART 15C
Phase : LINE
Environment : 24°C / 57%
Engineer : Roy Hung
EUT Model : 14Z90P
Test Rating : 120Vac/60Hz
Test Mode : Operating
Luxshare

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBμV)	Emission Level (dBμV)	Limits (dBμV)	Margin (dB)	Remark
1	0.371	10.20	0.03	9.85	11.04	31.12	48.47	17.35	Average
2	0.371	10.20	0.03	9.85	20.89	40.97	58.47	17.50	QP
3	0.546	10.20	0.03	9.86	8.11	28.20	46.00	17.80	Average
4	0.546	10.20	0.03	9.86	16.80	36.89	56.00	19.11	QP
5	0.763	10.20	0.04	9.86	9.41	29.51	46.00	16.49	Average
6	0.763	10.20	0.04	9.86	15.67	35.77	56.00	20.23	QP
7	12.784	10.46	0.16	9.93	11.74	32.29	50.00	17.71	Average
8	12.784	10.46	0.16	9.93	17.62	38.17	60.00	21.83	QP
9	16.055	10.52	0.18	9.94	21.26	41.90	50.00	8.10	Average
10	16.055	10.52	0.18	9.94	27.18	47.82	60.00	12.18	QP
11	27.416	10.60	0.23	9.99	18.72	39.54	50.00	10.46	Average
12	27.416	10.60	0.23	9.99	24.11	44.93	60.00	15.07	QP

Remarks: 1. Emission Level= AMN Factor + Cable Loss + Pulse Att. + Reading.

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A.2 RADIATED EMISSION

Test Date	2020/10/22 ~ 11/06	Temp./Hum.	22~24℃/53~62%
Test Voltage	AC 120V 60Hz (Via AC Adapter)	Tested By	Kuper Hsu

A.2.1 Emissions within Restricted Frequency Bands

A.2.1.1 Frequency 9kHz~30MHz

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

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A.2.1.2 Frequency Below 1GHz

Mode	802.11n-HT20	Frequency	TX 2442MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
55.220	13.50	1.74	26.47	41.96	30.73	40.00	9.27	Peak
125.060	18.55	2.75	26.17	38.38	33.51	43.50	9.99	Peak
190.050	15.11	3.44	25.90	42.60	35.25	43.50	8.25	Peak
295.780	19.23	4.51	25.70	35.23	33.27	46.00	12.73	Peak
824.430	26.29	8.27	27.34	28.87	36.09	46.00	9.91	Peak
962.170	27.19	8.99	26.95	29.34	38.57	54.00	15.43	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
43.580	17.06	1.56	26.51	41.13	33.24	40.00	6.76	Peak
120.210	18.71	2.68	26.20	41.70	36.89	43.50	6.61	Peak
187.140	15.06	3.41	25.91	39.51	32.07	43.50	11.43	Peak
323.910	19.96	4.91	25.92	32.19	31.14	46.00	14.86	Peak
540.220	24.04	6.97	27.33	30.66	34.34	46.00	11.66	Peak
943.740	27.07	8.91	27.01	28.88	37.85	46.00	8.15	Peak

Mode	BLE	Frequency	TX 2440MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
55.220	13.50	1.74	26.47	39.02	27.79	40.00	12.21	Peak
126.030	18.52	2.76	26.17	38.22	33.33	43.50	10.17	Peak
187.140	15.06	3.41	25.91	42.00	34.56	43.50	8.94	Peak
288.990	19.15	4.44	25.72	35.54	33.41	46.00	12.59	Peak
619.760	24.84	7.14	27.48	30.14	34.64	46.00	11.36	Peak
978.660	27.28	9.07	26.90	29.15	38.60	54.00	15.40	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
42.610	17.56	1.54	26.51	41.41	34.00	40.00	6.00	Peak
119.240	18.68	2.67	26.20	42.27	37.42	43.50	6.08	Peak
216.240	16.49	3.70	25.83	38.66	33.02	46.00	12.98	Peak
323.910	19.96	4.91	25.92	31.56	30.51	46.00	15.49	Peak
540.220	24.04	6.97	27.33	30.36	34.04	46.00	11.96	Peak
790.480	26.01	8.08	27.42	29.45	36.12	46.00	9.88	Peak

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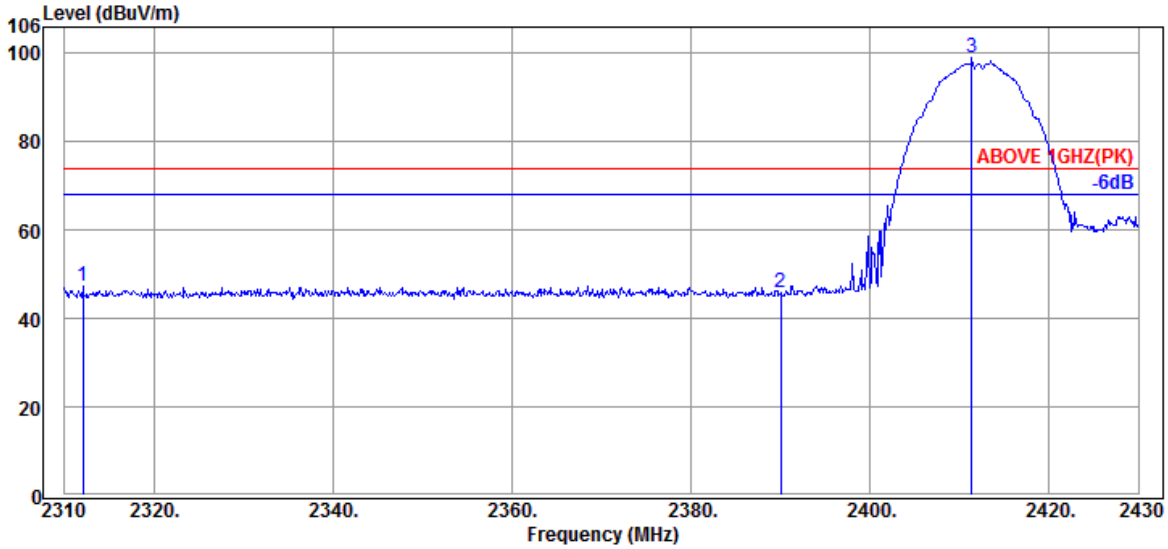
A.2.1.3 Frequency Above 1 GHz to 10th harmonics

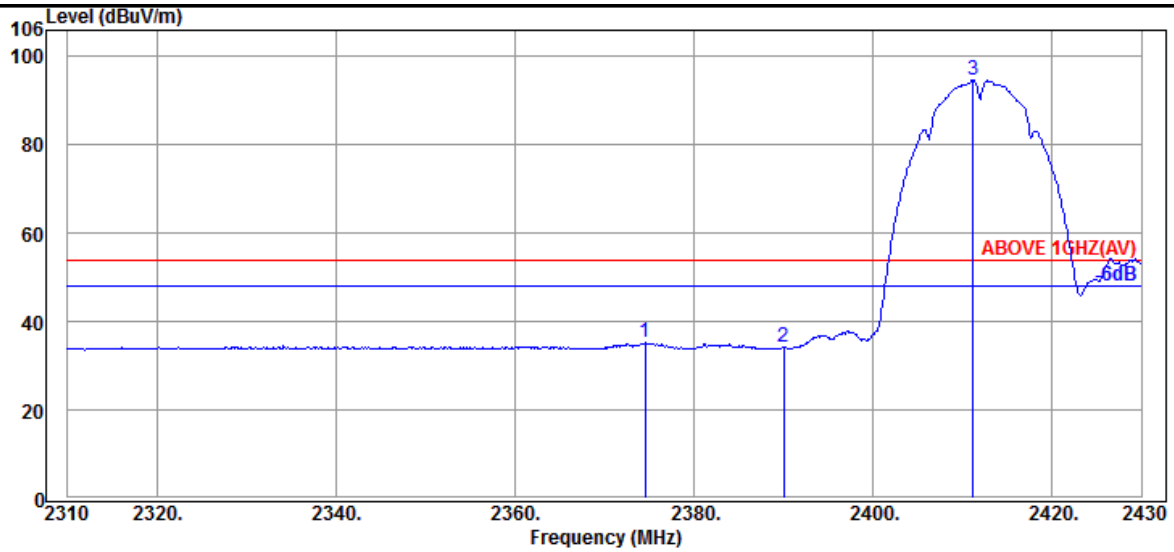
Band Edge:

Mode	802.11b	Frequency	TX 2412MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
	2312.040	31.92	7.91	34.56	42.22	47.49	74.00	26.51	Peak
	2390.040	32.44	7.95	34.58	40.11	45.92	74.00	28.08	Peak
@	2411.400	32.36	7.96	34.59	93.40	99.13	---	---	Peak



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
	2374.560	32.39	7.94	34.58	29.61	35.36	54.00	18.64	Average
	2390.040	32.44	7.95	34.58	28.44	34.25	54.00	19.75	Average
@	2411.160	32.43	7.96	34.59	88.92	94.72	---	---	Average

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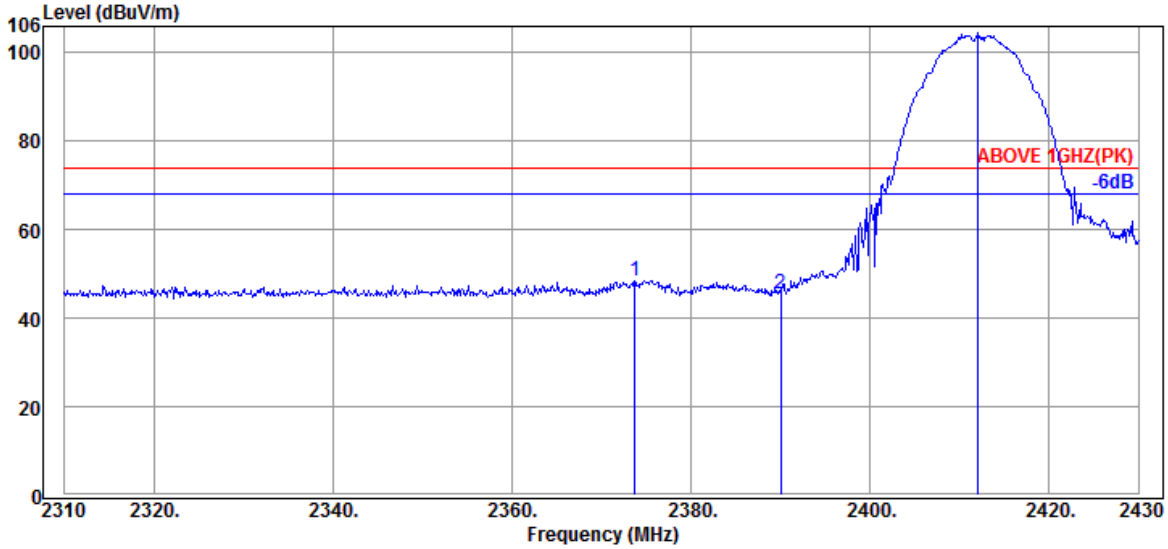
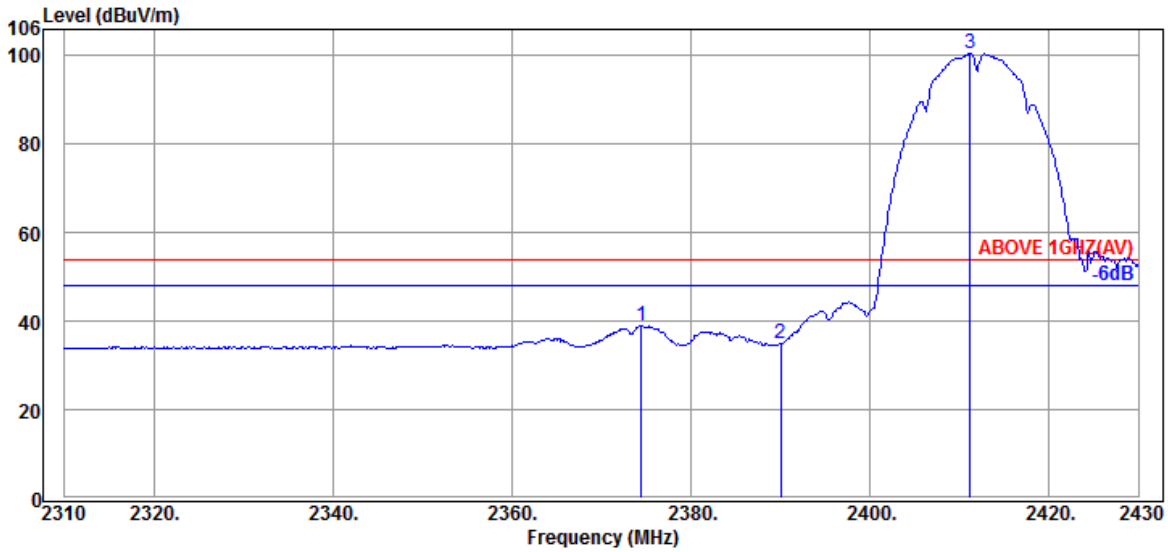
Mode	802.11b	Frequency	TX 2412MHz



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
	2373.720	32.39	7.94	34.58	42.69	48.44	74.00	25.56	Peak
	2390.040	32.44	7.95	34.58	39.84	45.65	74.00	28.35	Peak
@	2412.120	32.36	7.96	34.59	98.84	104.57	---	---	Peak



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
	2374.440	32.39	7.94	34.58	33.29	39.04	54.00	14.96	Average
	2390.040	32.44	7.95	34.58	29.16	34.97	54.00	19.03	Average
@	2411.160	32.43	7.96	34.59	94.87	100.67	---	---	Average

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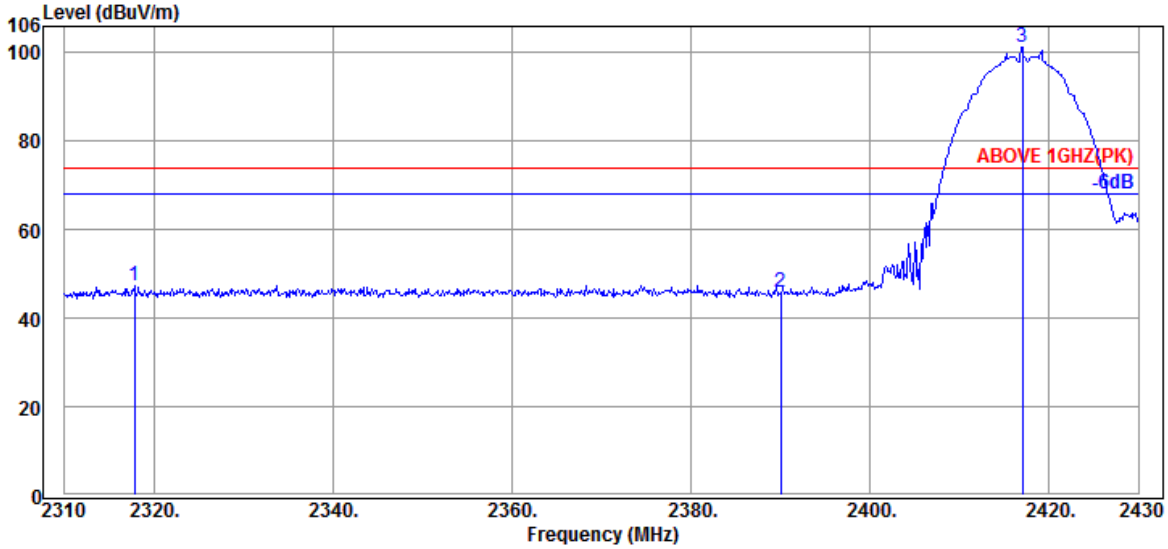
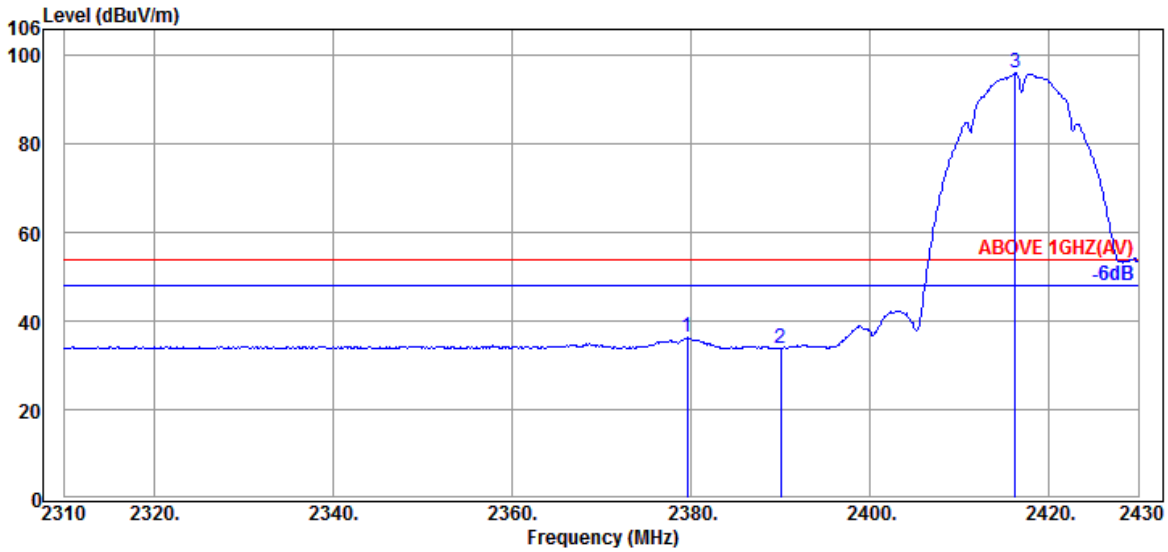
Mode	802.11b	Frequency	TX 2417MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
	2317.800	31.99	7.92	34.57	42.00	47.34	74.00	26.66	Peak
	2390.040	32.44	7.95	34.58	40.11	45.92	74.00	28.08	Peak
@	2417.040	32.36	7.96	34.59	95.49	101.22	---	---	Peak



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
	2379.600	32.41	7.95	34.58	30.61	36.39	54.00	17.61	Average
	2390.040	32.44	7.95	34.58	28.13	33.94	54.00	20.06	Average
@	2416.200	32.36	7.96	34.59	90.37	96.10	---	---	Average

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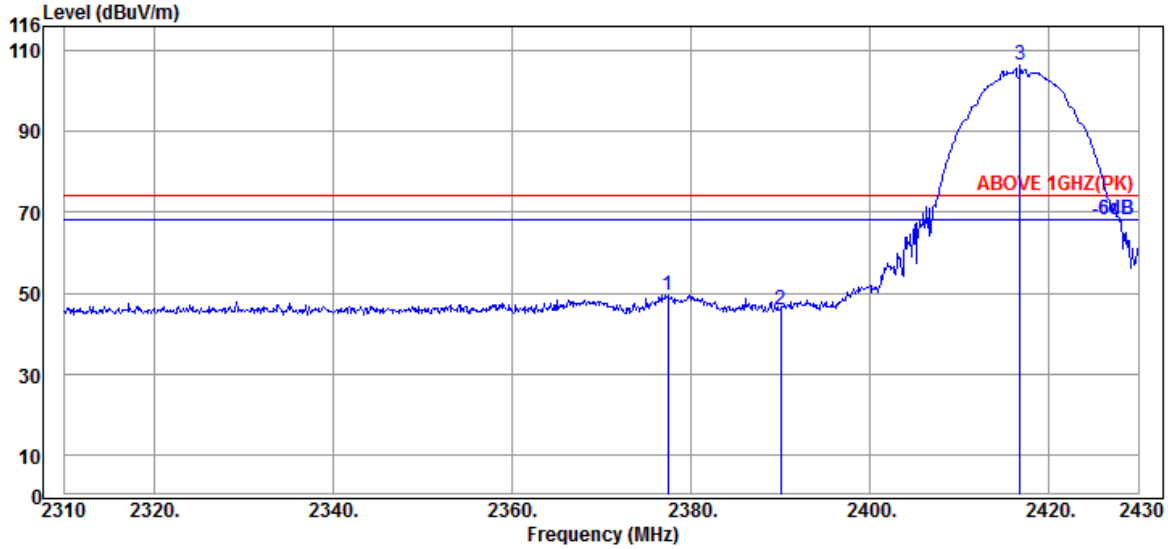
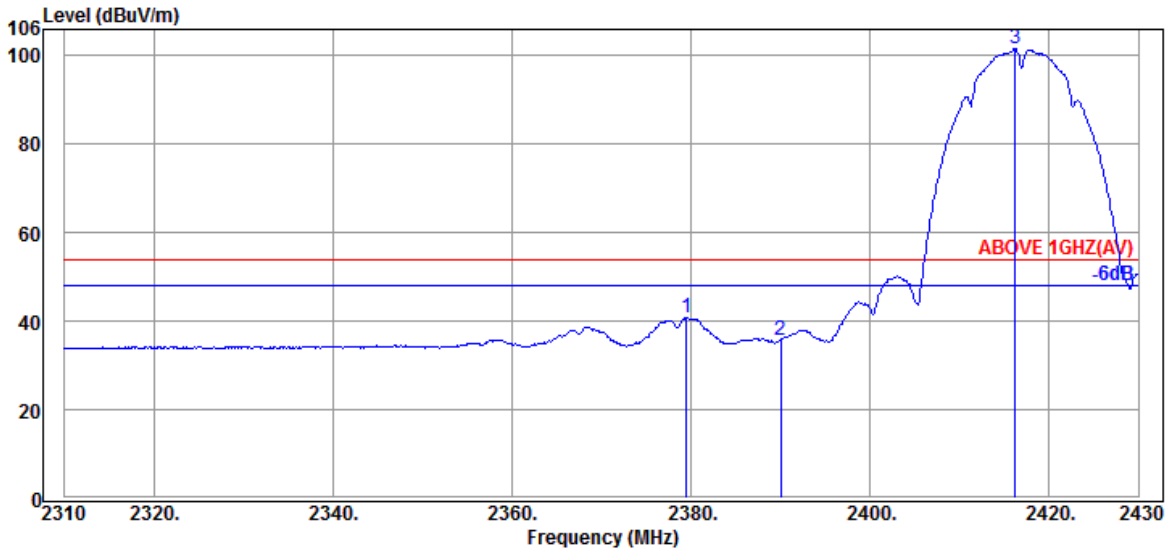
Mode	802.11b	Frequency	TX 2417MHz



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
	2377.440	32.41	7.95	34.58	43.76	49.54	74.00	24.46	Peak
	2390.040	32.44	7.95	34.58	40.13	45.94	74.00	28.06	Peak
@	2416.800	32.36	7.96	34.59	100.73	106.46	---	---	Peak



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
	2379.480	32.41	7.95	34.58	35.02	40.80	54.00	13.20	Average
	2390.040	32.44	7.95	34.58	29.96	35.77	54.00	18.23	Average
@	2416.200	32.36	7.96	34.59	95.80	101.53	---	---	Average

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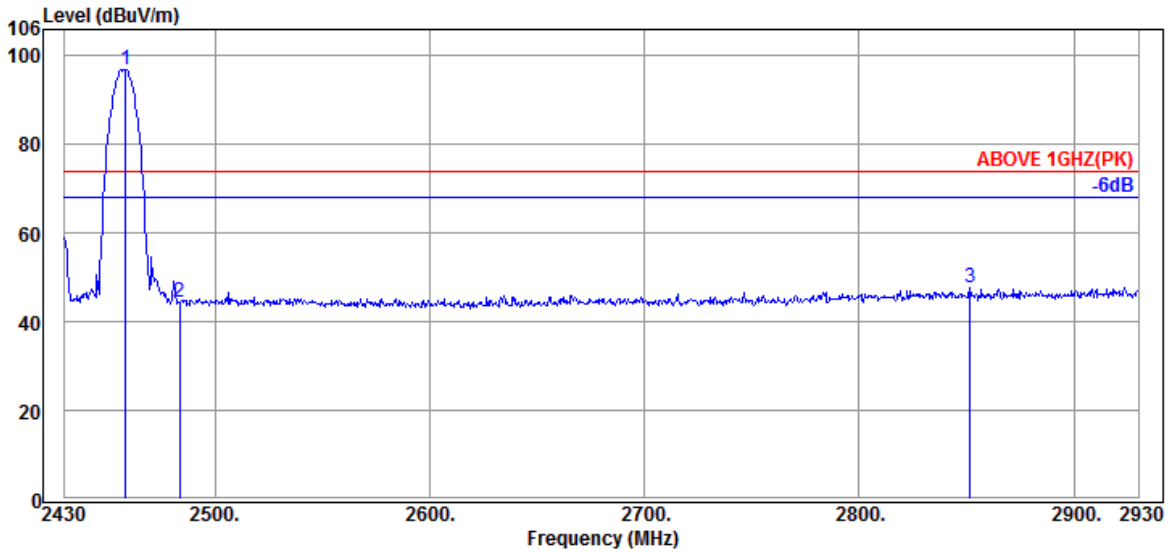
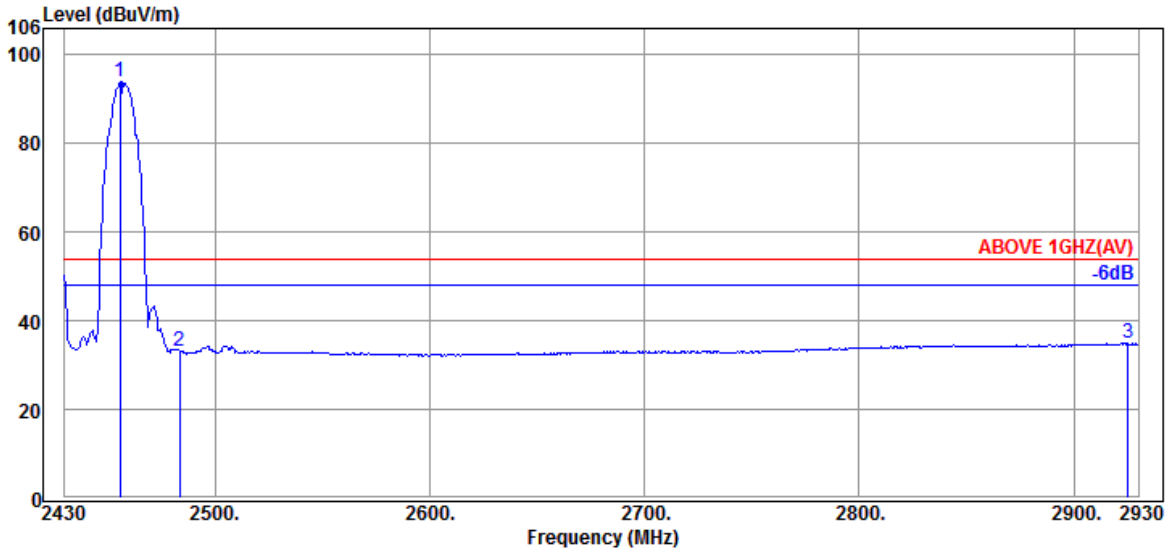
Mode	802.11b	Frequency	TX 2457MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2458.500	32.03	7.98	34.60	91.65	97.06	---	---	Peak
	2483.500	32.14	7.99	34.61	39.03	44.55	74.00	29.45	Peak
	2851.500	33.05	8.16	34.68	41.21	47.74	74.00	26.26	Peak



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2456.000	32.03	7.98	34.60	88.47	93.88	---	---	Average
	2483.500	32.14	7.99	34.61	27.76	33.28	54.00	20.72	Average
	2925.000	32.90	8.19	34.69	28.51	34.91	54.00	19.09	Average

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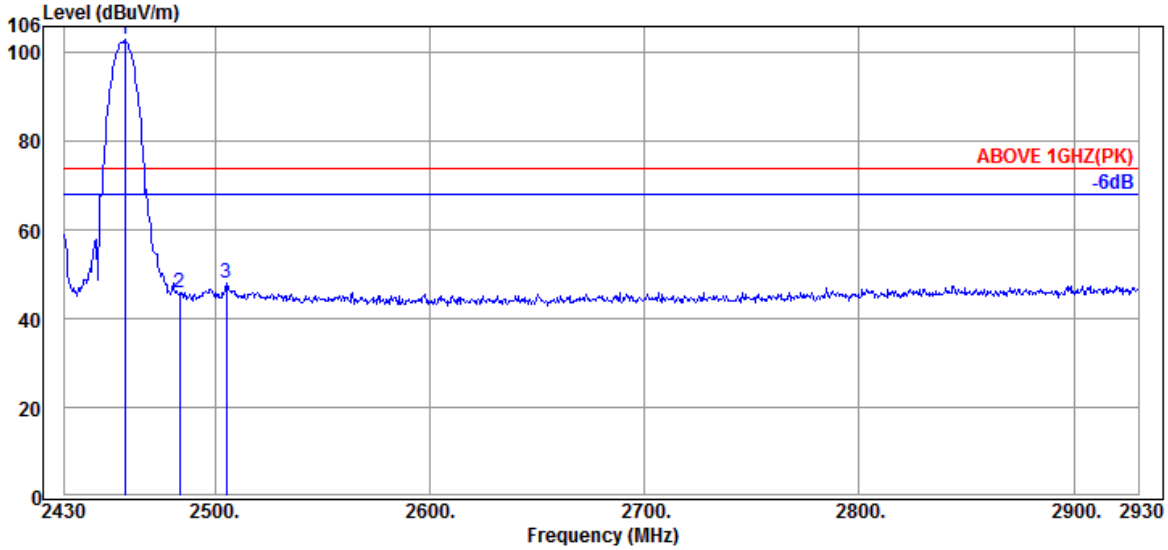
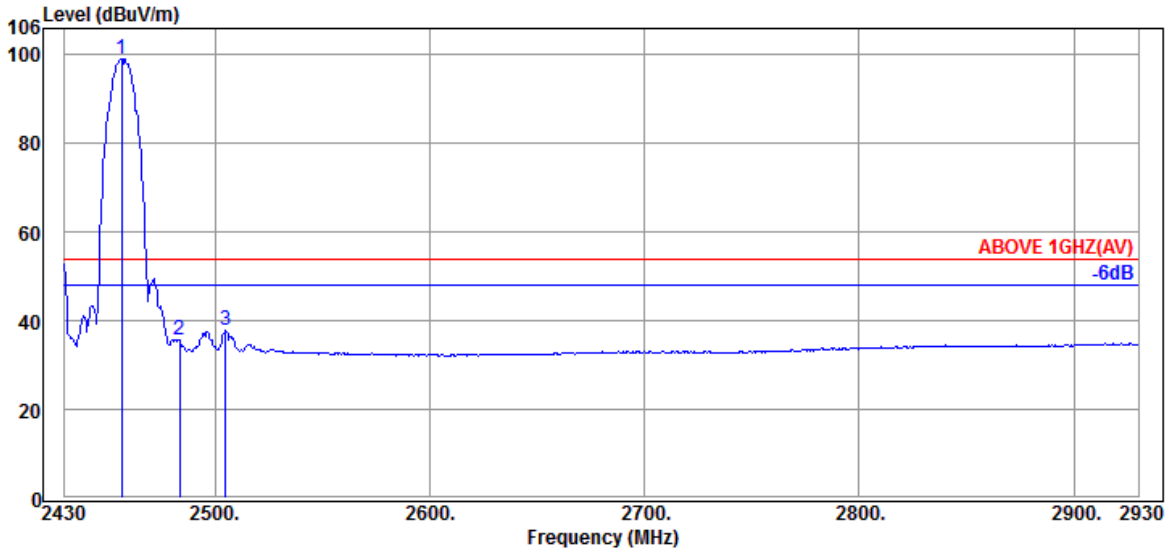
Mode	802.11b	Frequency	TX 2457MHz



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2458.000	32.03	7.98	34.60	97.84	103.25	---	---	Peak
	2483.500	32.14	7.99	34.61	40.25	45.77	74.00	28.23	Peak
	2505.500	32.21	8.01	34.61	42.36	47.97	74.00	26.03	Peak



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2456.500	32.03	7.98	34.60	93.84	99.25	---	---	Average
	2483.500	32.14	7.99	34.61	30.15	35.67	54.00	18.33	Average
	2505.000	32.21	8.01	34.61	32.18	37.79	54.00	16.21	Average

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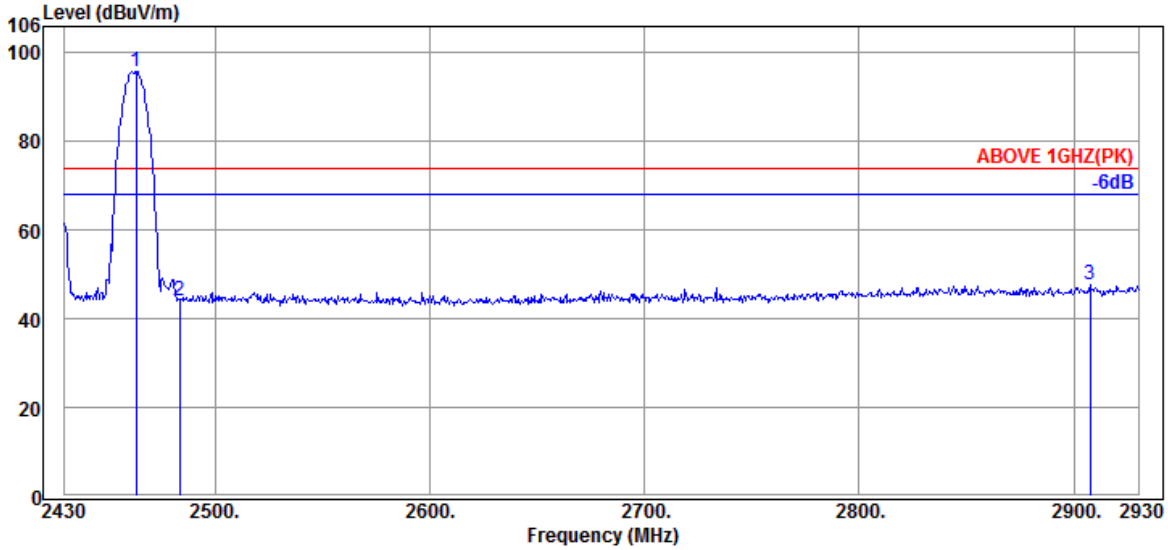
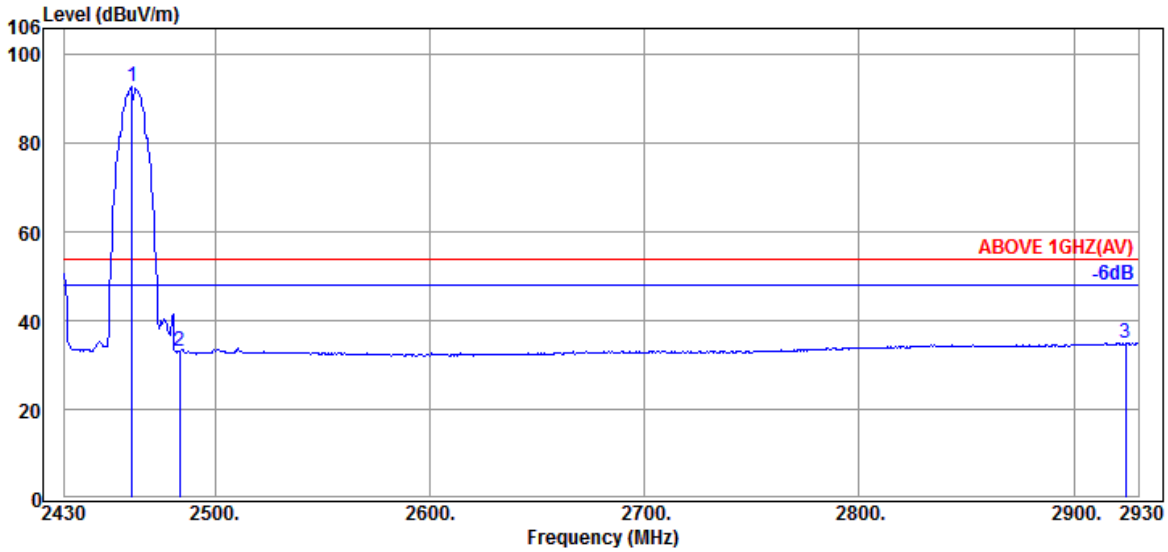
Mode	802.11b	Frequency	TX 2462MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	2463.500	32.06	7.98	34.60	90.45	95.89	---	---	Peak
	2483.500	32.14	7.99	34.61	38.61	44.13	74.00	29.87	Peak
	2907.500	32.83	8.18	34.69	41.55	47.87	74.00	26.13	Peak



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	2461.500	32.06	7.98	34.60	87.34	92.78	---	---	Average
	2483.500	32.14	7.99	34.61	27.73	33.25	54.00	20.75	Average
	2924.000	32.90	8.19	34.69	28.66	35.06	54.00	18.94	Average

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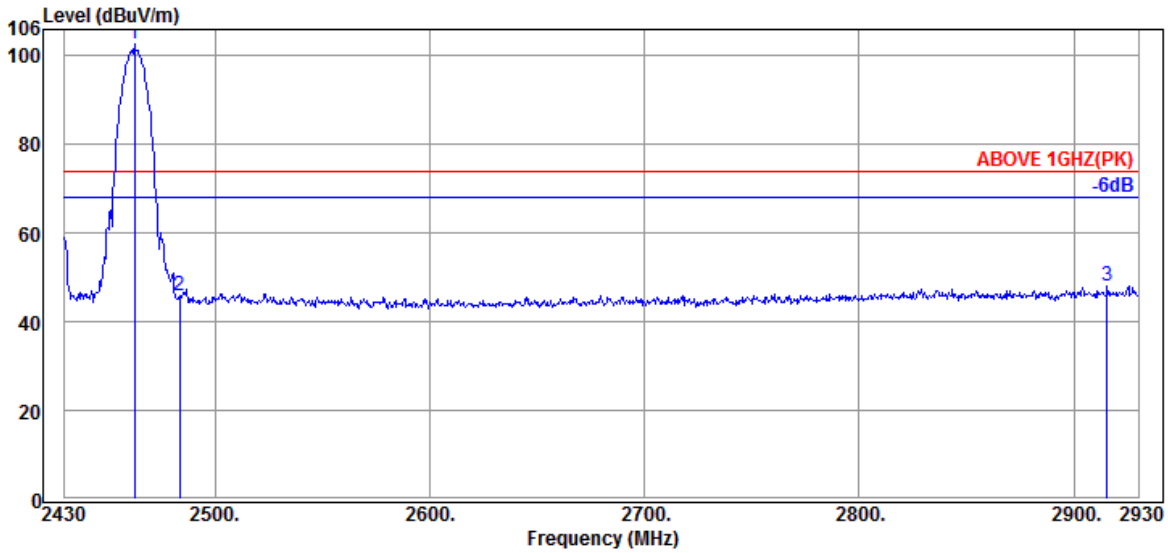
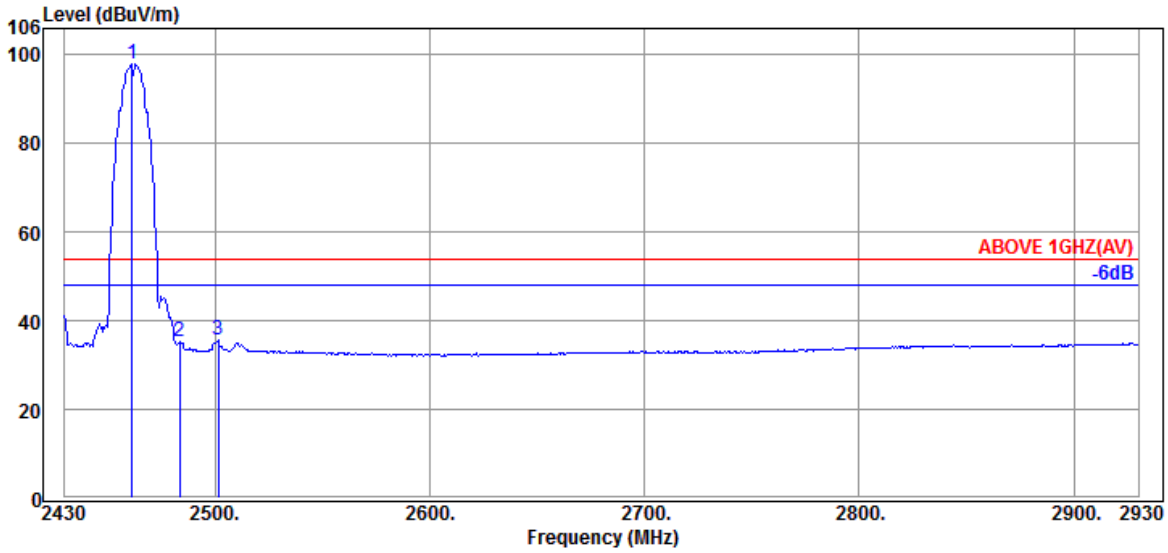
Mode	802.11b	Frequency	TX 2462MHz



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	2462.500	32.06	7.98	34.60	97.34	102.78	---	---	Peak
	2483.500	32.14	7.99	34.61	40.51	46.03	74.00	27.97	Peak
	2915.500	32.87	8.18	34.69	41.77	48.13	74.00	25.87	Peak



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	2461.500	32.06	7.98	34.60	92.62	98.06	---	---	Average
	2483.500	32.14	7.99	34.61	29.78	35.30	54.00	18.70	Average
	2501.500	32.20	8.00	34.61	30.07	35.66	54.00	18.34	Average

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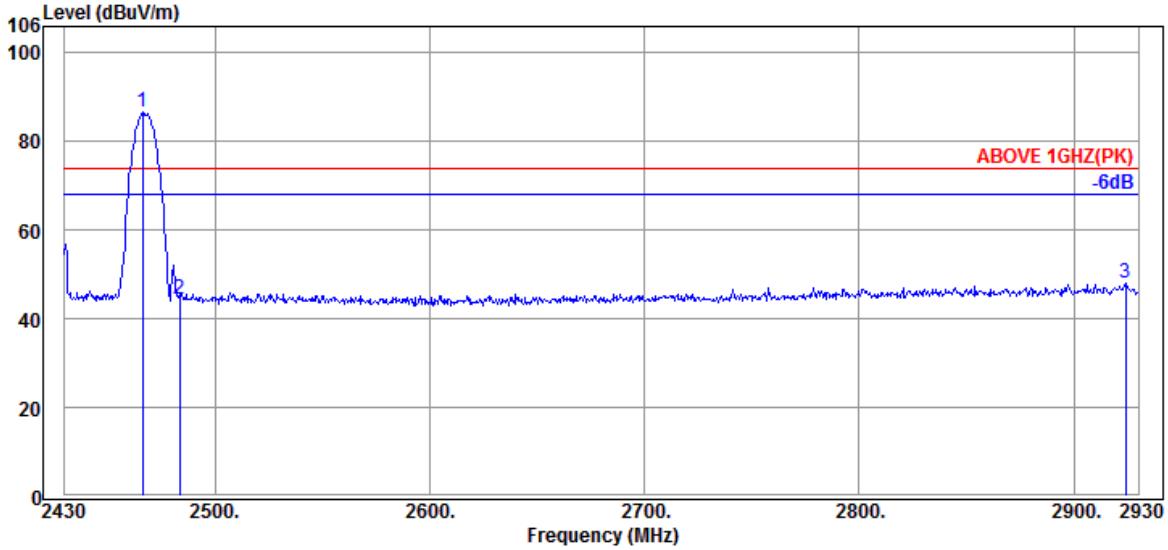
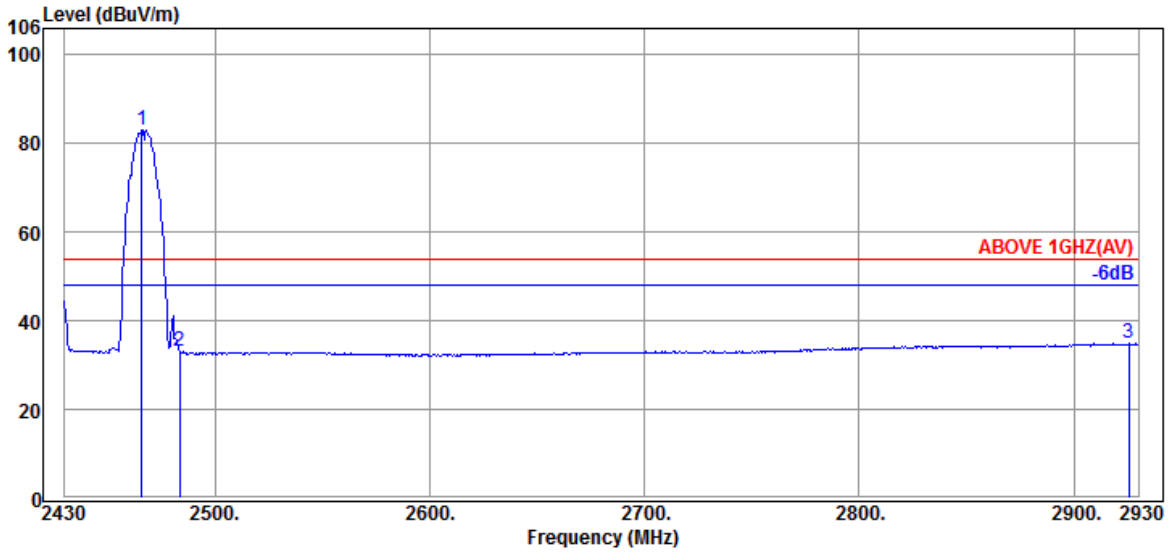
Mode	802.11b	Frequency	TX 2467MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2466.500	32.06	7.98	34.60	81.10	86.54	---	---	Peak
	2483.500	32.14	7.99	34.61	38.86	44.38	74.00	29.62	Peak
	2924.000	32.90	8.19	34.69	41.69	48.09	74.00	25.91	Peak



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2466.000	32.06	7.98	34.60	77.76	83.20	---	---	Average
	2483.500	32.14	7.99	34.61	27.50	33.02	54.00	20.98	Average
	2925.500	32.90	8.19	34.69	28.52	34.92	54.00	19.08	Average

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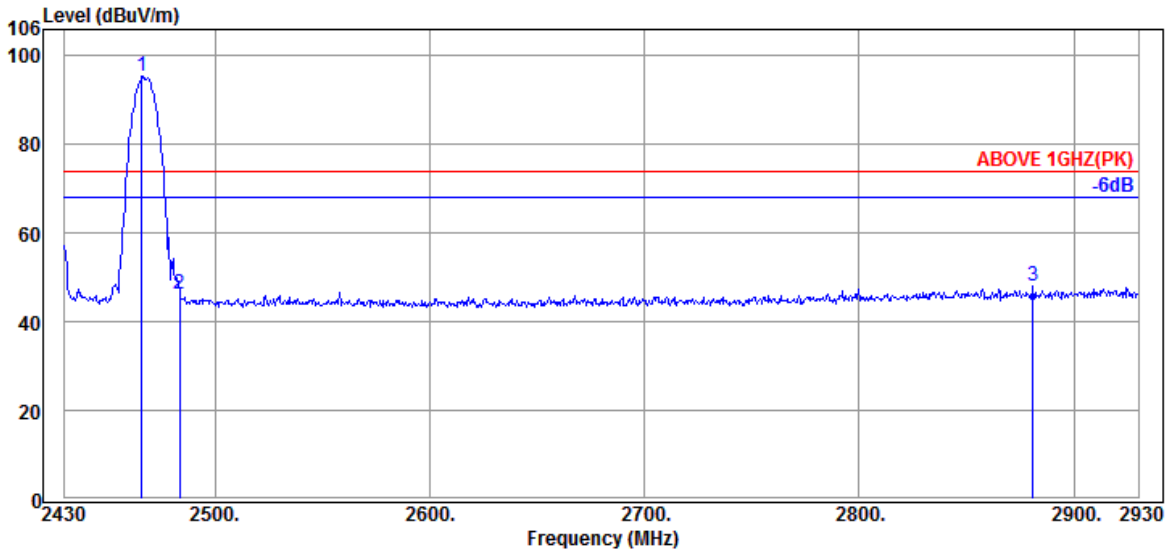
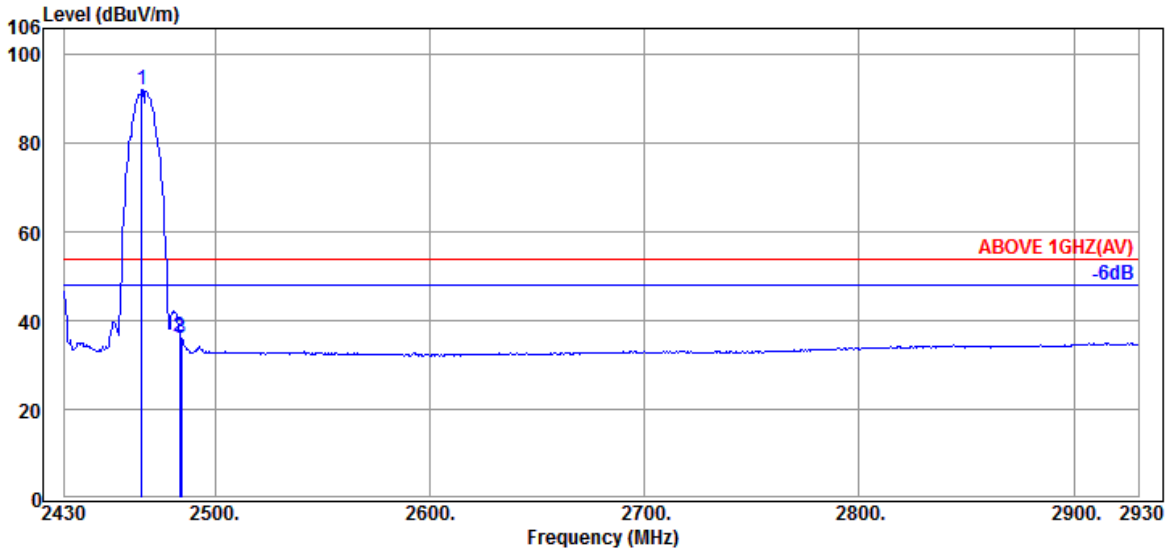
Mode	802.11b	Frequency	TX 2467MHz



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2466.000	32.06	7.98	34.60	89.99	95.43	---	---	Peak
	2483.500	32.14	7.99	34.61	40.76	46.28	74.00	27.72	Peak
	2881.000	32.90	8.17	34.68	41.74	48.13	74.00	25.87	Peak



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2466.000	32.06	7.98	34.60	86.63	92.07	---	---	Average
	2483.500	32.14	7.99	34.61	30.89	36.41	54.00	17.59	Average
	2484.500	32.14	7.99	34.61	30.39	35.91	54.00	18.09	Average

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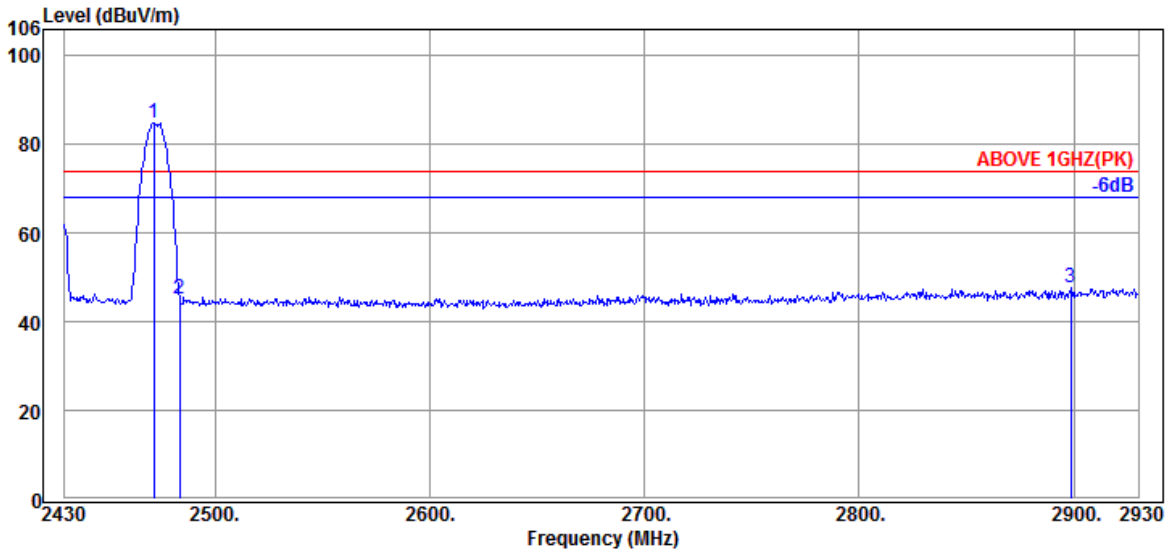
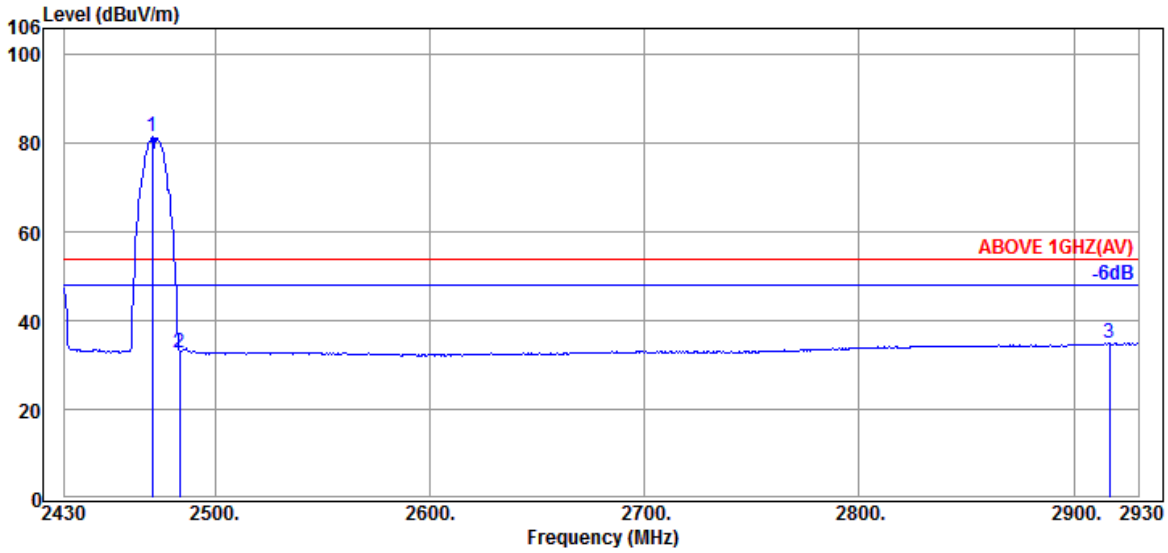
Mode	802.11b	Frequency	TX 2472MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2471.500	32.09	7.99	34.60	79.38	84.86	---	---	Peak
	2483.500	32.14	7.99	34.61	39.49	45.01	74.00	28.99	Peak
	2898.500	32.80	8.18	34.68	41.35	47.65	74.00	26.35	Peak



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2471.000	32.09	7.99	34.60	76.03	81.51	---	---	Average
	2483.500	32.14	7.99	34.61	27.26	32.78	54.00	21.22	Average
	2916.500	32.87	8.18	34.69	28.53	34.89	54.00	19.11	Average

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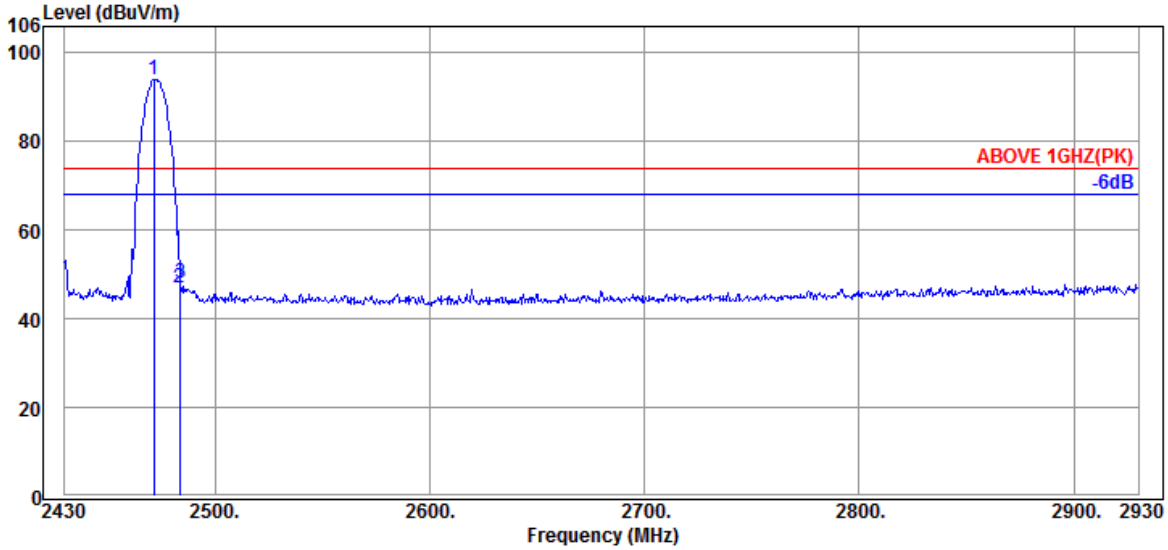
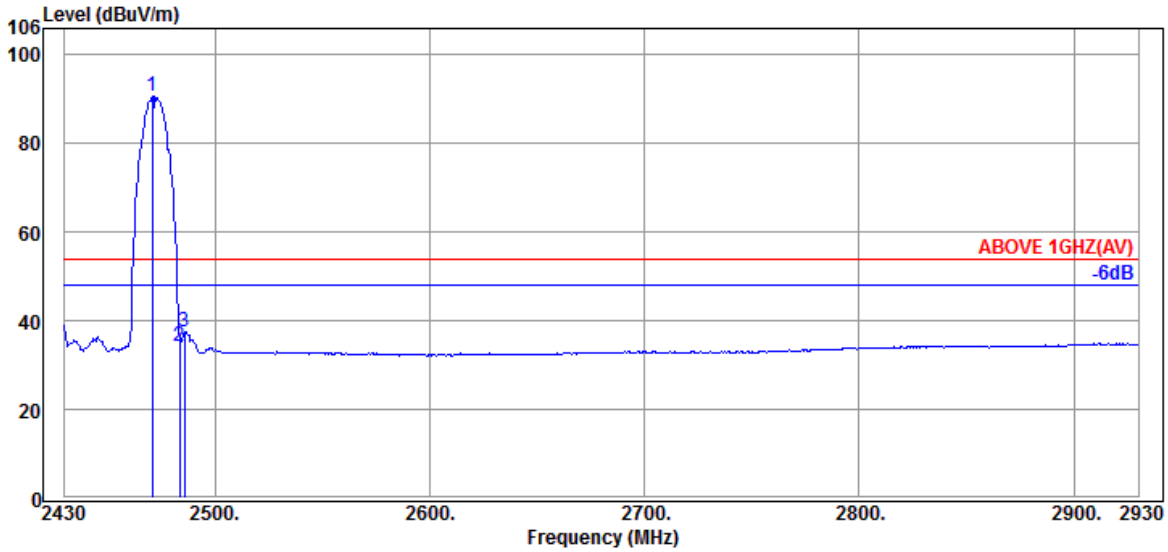
Mode	802.11b	Frequency	TX 2472MHz



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2471.500	32.09	7.99	34.60	88.41	93.89	---	---	Peak
	2483.500	32.14	7.99	34.61	41.29	46.81	74.00	27.19	Peak
	2484.000	32.14	7.99	34.61	42.49	48.01	74.00	25.99	Peak



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2471.000	32.09	7.99	34.60	85.28	90.76	---	---	Average
	2483.500	32.14	7.99	34.61	28.87	34.39	54.00	19.61	Average
	2486.000	32.14	8.00	34.61	31.90	37.43	54.00	16.57	Average

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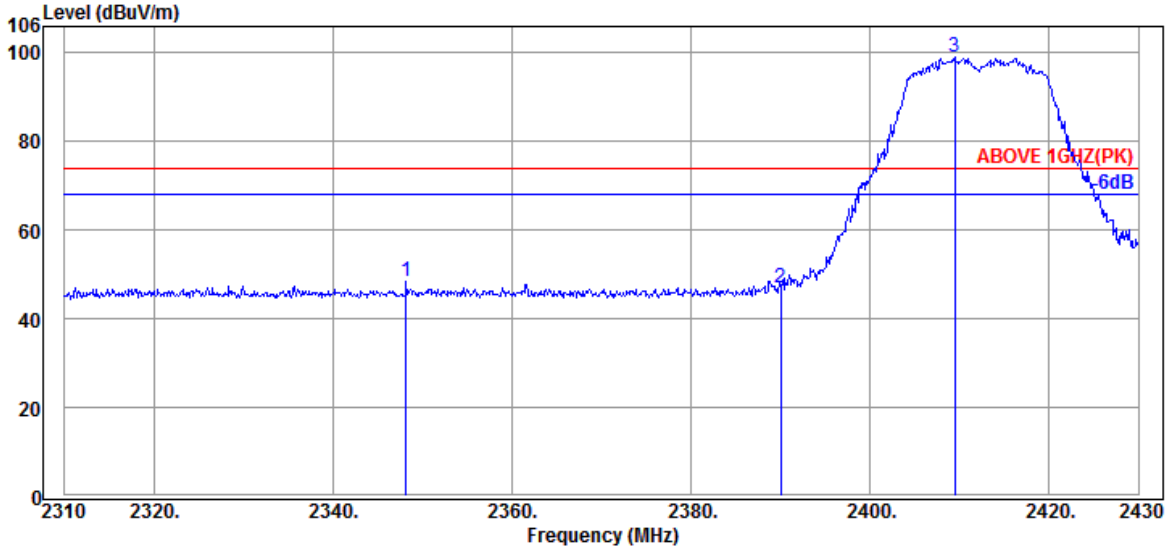
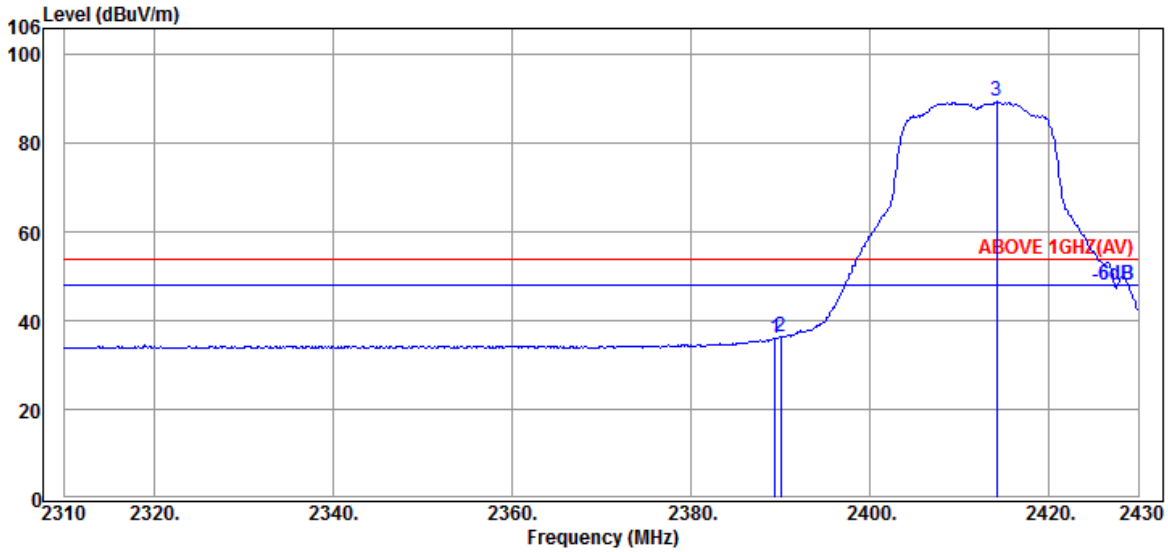
Mode	802.11g	Frequency	TX 2412MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
	2348.160	32.24	7.93	34.57	42.98	48.58	74.00	25.42	Peak
	2390.040	32.44	7.95	34.58	41.26	47.07	74.00	26.93	Peak
@	2409.480	32.43	7.96	34.59	93.34	99.14	---	---	Peak



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
	2389.440	32.44	7.95	34.58	30.24	36.05	54.00	17.95	Average
	2390.040	32.44	7.95	34.58	30.73	36.54	54.00	17.46	Average
@	2414.160	32.36	7.96	34.59	83.73	89.46	---	---	Average

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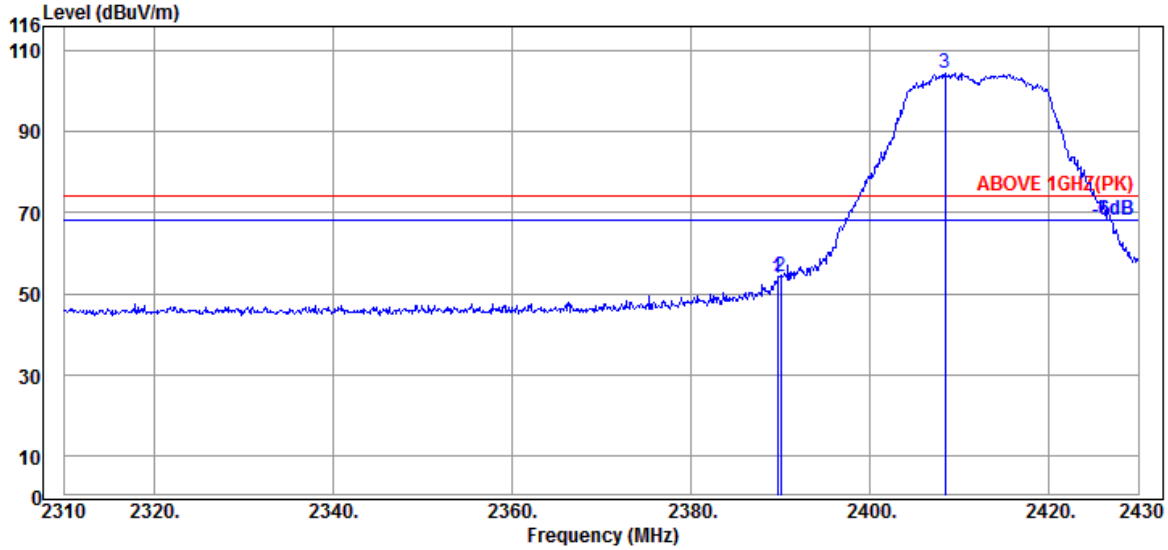
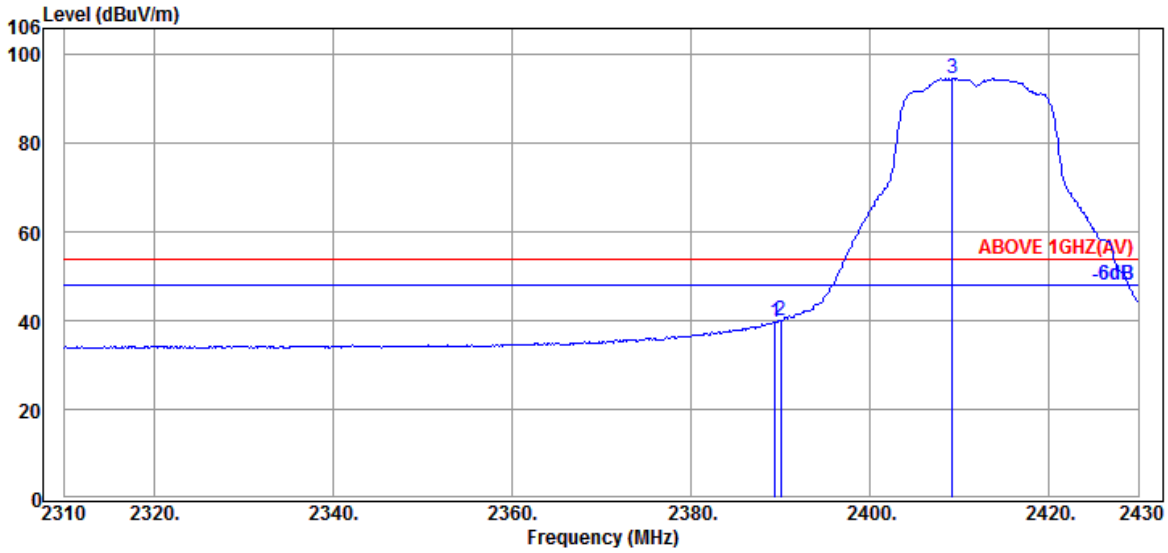
Mode	802.11g	Frequency	TX 2412MHz



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
	2389.680	32.44	7.95	34.58	48.00	53.81	74.00	20.19	Peak
	2390.040	32.44	7.95	34.58	48.31	54.12	74.00	19.88	Peak
@	2408.400	32.43	7.96	34.59	98.57	104.37	---	---	Peak



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
	2389.440	32.44	7.95	34.58	33.95	39.76	54.00	14.24	Average
	2390.040	32.44	7.95	34.58	34.15	39.96	54.00	14.04	Average
@	2409.240	32.43	7.96	34.59	88.87	94.67	---	---	Average

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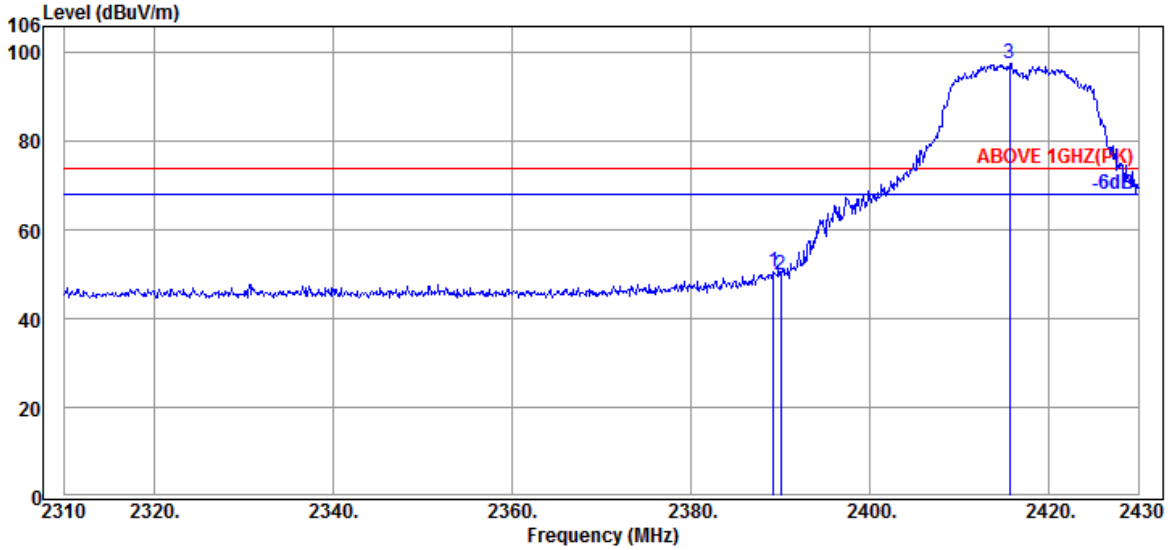
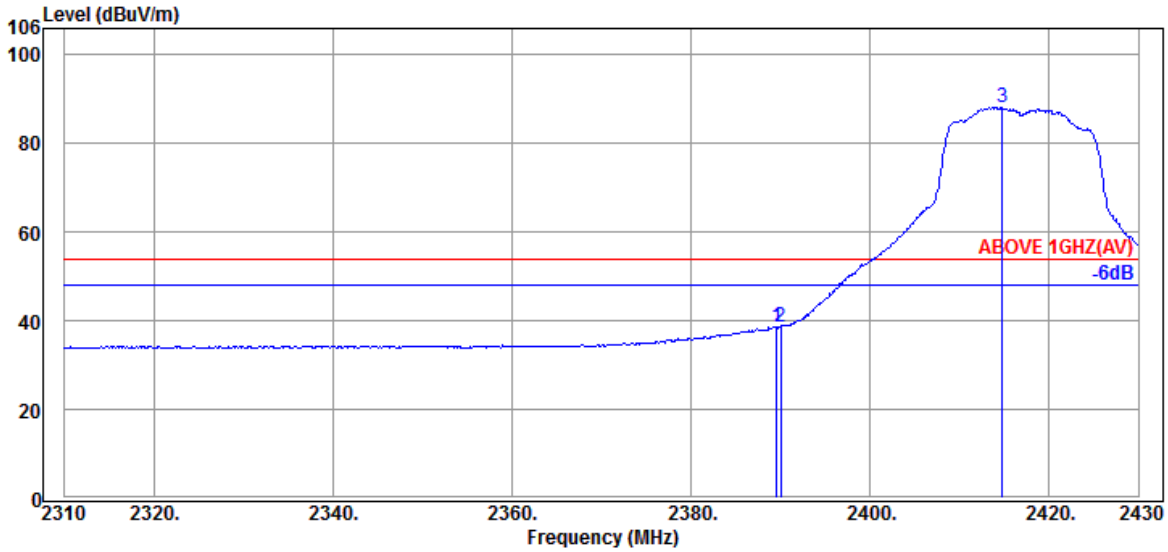
Mode	802.11g	Frequency	TX 2417MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
	2389.200	32.44	7.95	34.58	44.87	50.68	74.00	23.32	Peak
	2390.040	32.44	7.95	34.58	44.06	49.87	74.00	24.13	Peak
@	2415.600	32.36	7.96	34.59	91.78	97.51	---	---	Peak



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
	2389.560	32.44	7.95	34.58	32.92	38.73	54.00	15.27	Average
	2390.040	32.44	7.95	34.58	32.62	38.43	54.00	15.57	Average
@	2414.760	32.36	7.96	34.59	82.46	88.19	---	---	Average

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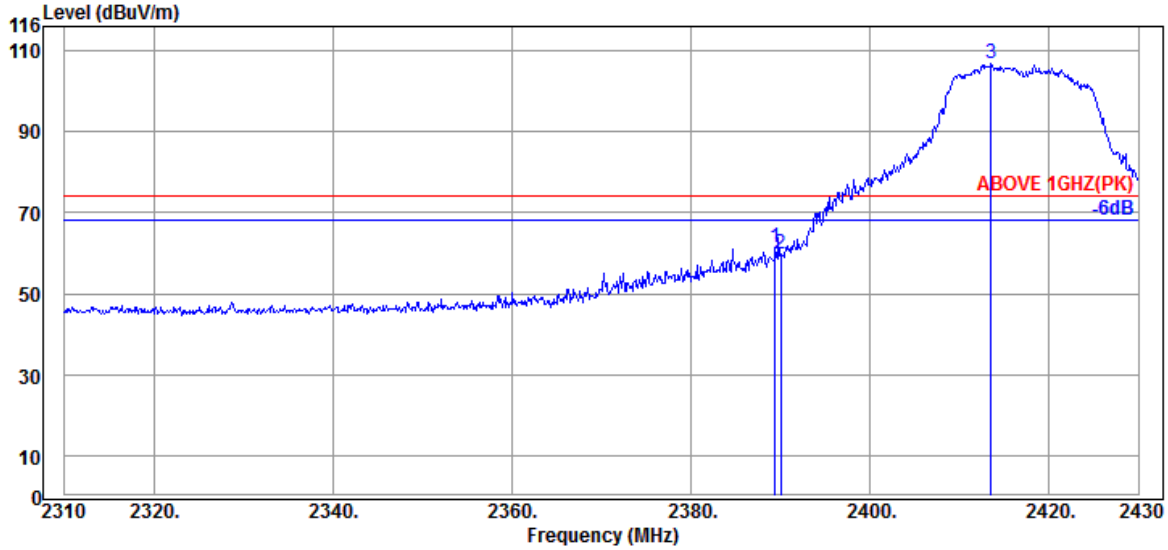
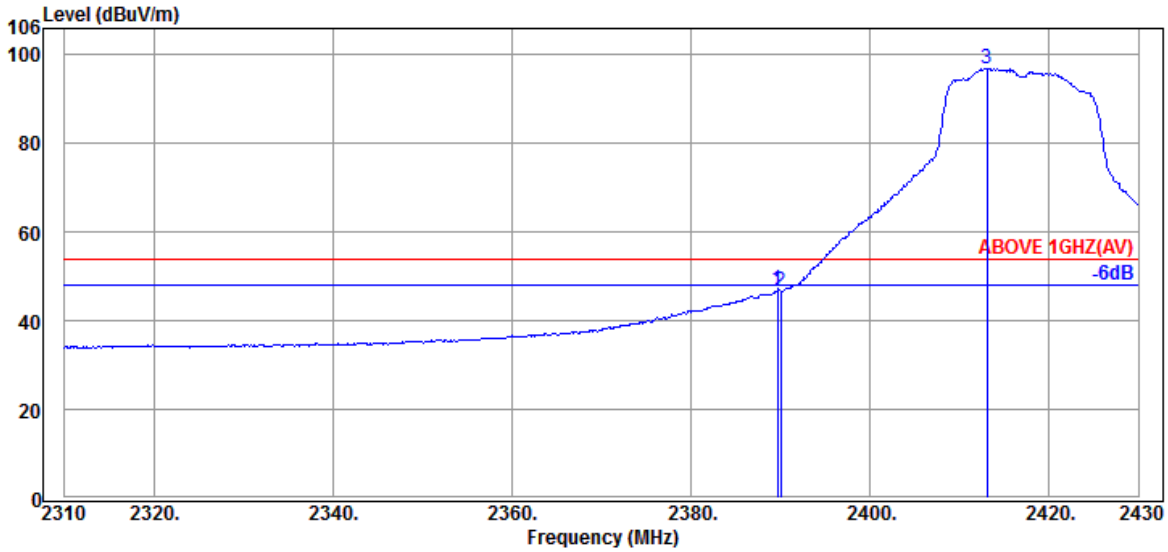
Mode	802.11g	Frequency	TX 2417MHz



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
	2389.440	32.44	7.95	34.58	55.74	61.55	74.00	12.45	Peak
	2390.040	32.44	7.95	34.58	54.17	59.98	74.00	14.02	Peak
@	2413.560	32.36	7.96	34.59	100.92	106.65	---	---	Peak



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
	2389.680	32.44	7.95	34.58	41.09	46.90	54.00	7.10	Average
	2390.040	32.44	7.95	34.58	40.90	46.71	54.00	7.29	Average
@	2413.080	32.36	7.96	34.59	91.19	96.92	---	---	Average

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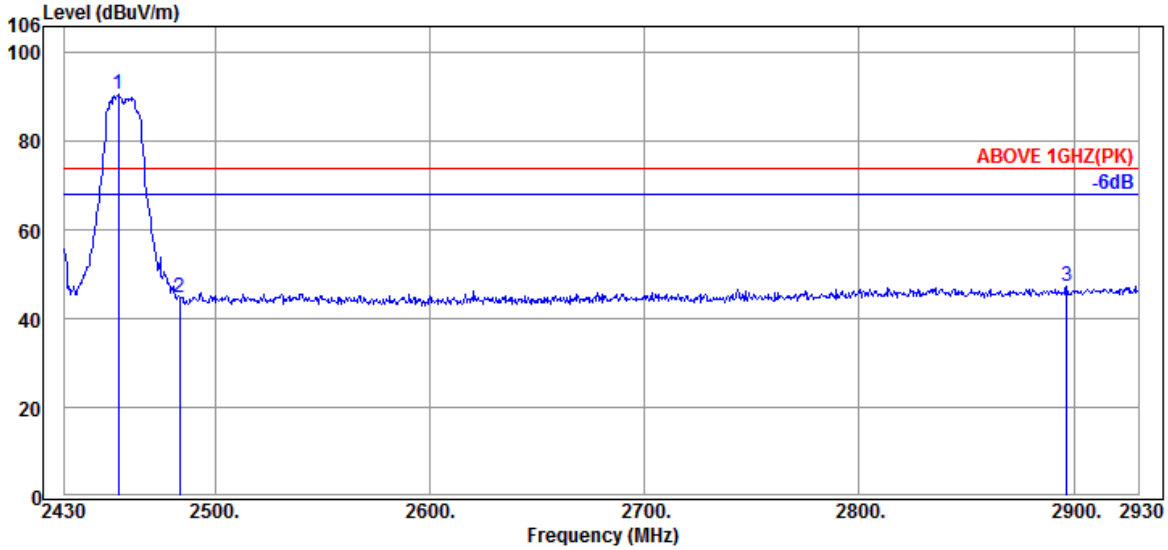
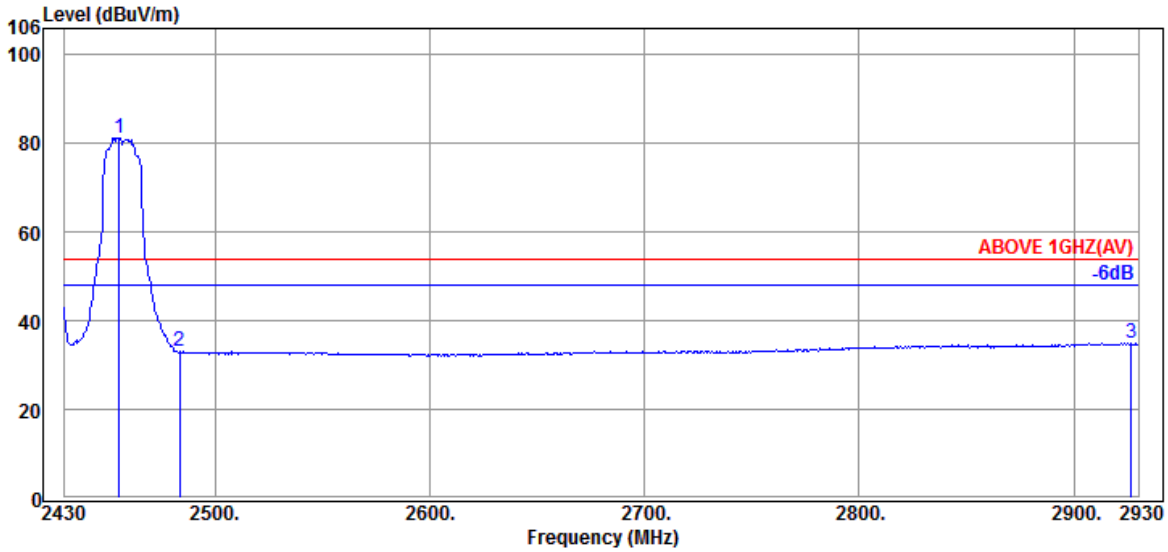
Mode	802.11g	Frequency	TX 2457MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2455.000	32.03	7.98	34.60	85.41	90.82	---	---	Peak
	2483.500	32.14	7.99	34.61	39.17	44.69	74.00	29.31	Peak
	2896.500	32.80	8.17	34.68	41.10	47.39	74.00	26.61	Peak



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2455.500	32.03	7.98	34.60	75.83	81.24	---	---	Average
	2483.500	32.14	7.99	34.61	27.55	33.07	54.00	20.93	Average
	2926.500	32.93	8.19	34.69	28.46	34.89	54.00	19.11	Average

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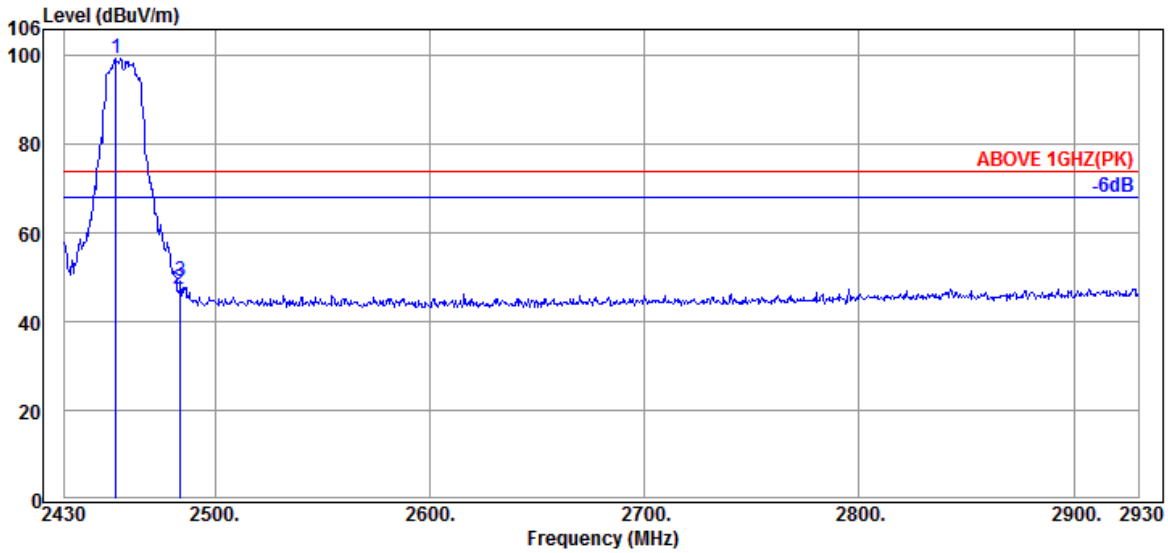
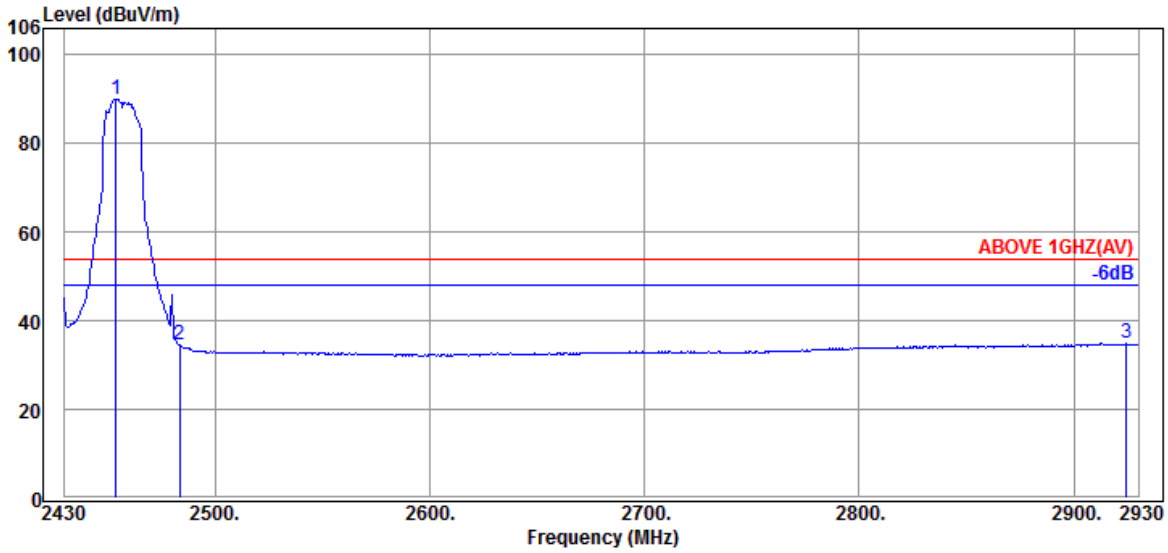
Mode	802.11g	Frequency	TX 2457MHz



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2454.000	32.03	7.98	34.60	94.19	99.60	---	---	Peak
	2483.500	32.14	7.99	34.61	41.85	47.37	74.00	26.63	Peak
	2484.000	32.14	7.99	34.61	43.61	49.13	74.00	24.87	Peak



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2454.000	32.03	7.98	34.60	84.60	90.01	---	---	Average
	2483.500	32.14	7.99	34.61	29.11	34.63	54.00	19.37	Average
	2924.500	32.90	8.19	34.69	28.44	34.84	54.00	19.16	Average

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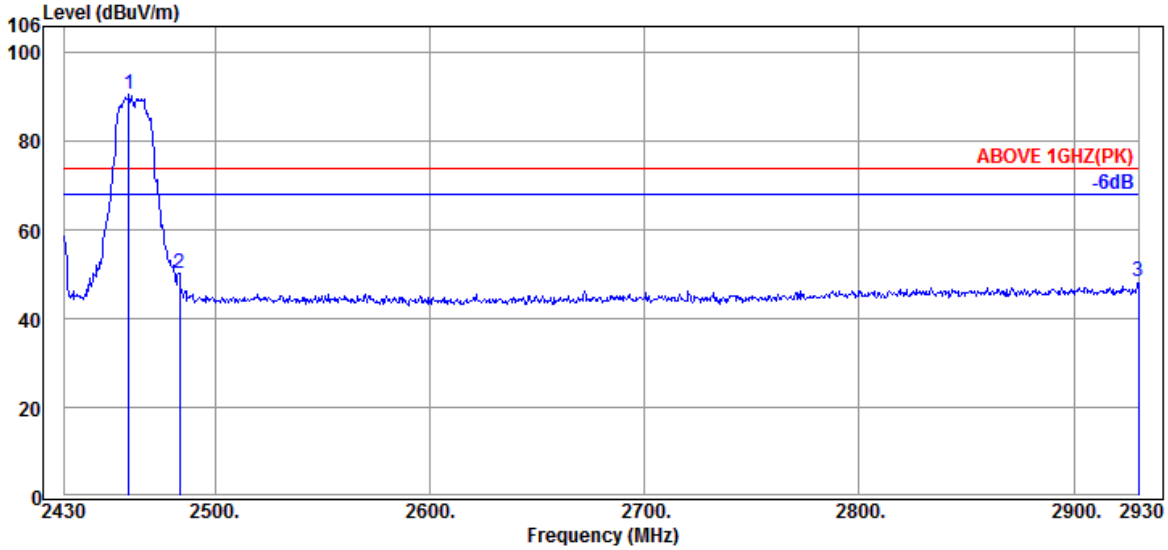
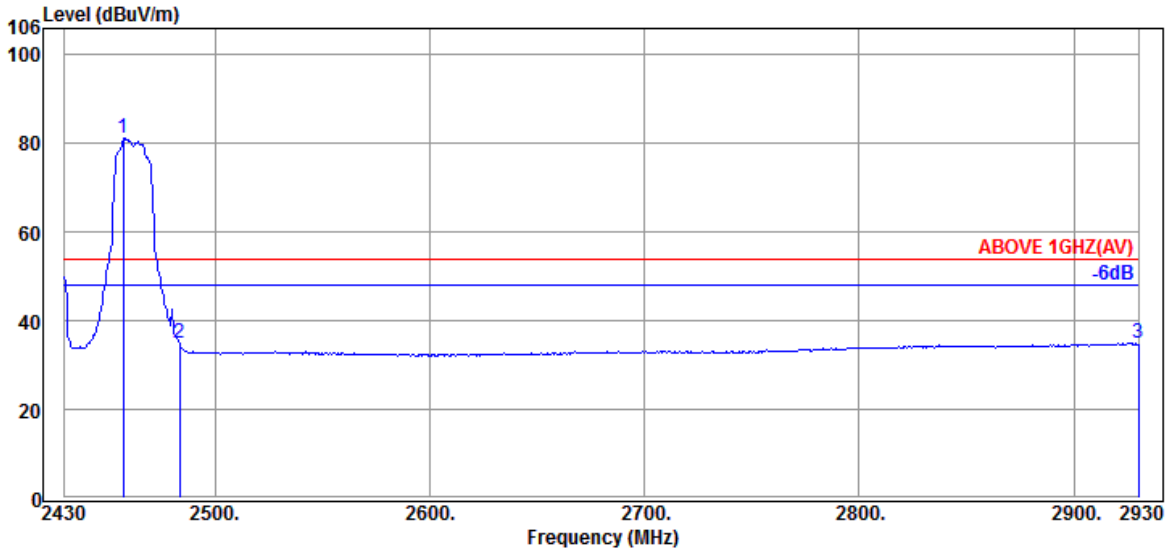
Mode	802.11g	Frequency	TX 2462MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2460.000	32.03	7.98	34.60	85.29	90.70	---	---	Peak
	2483.500	32.14	7.99	34.61	44.88	50.40	74.00	23.60	Peak
	2930.000	32.93	8.19	34.69	41.89	48.32	74.00	25.68	Peak



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2457.500	32.03	7.98	34.60	75.68	81.09	---	---	Average
	2483.500	32.14	7.99	34.61	29.49	35.01	54.00	18.99	Average
	2930.000	32.93	8.19	34.69	28.50	34.93	54.00	19.07	Average

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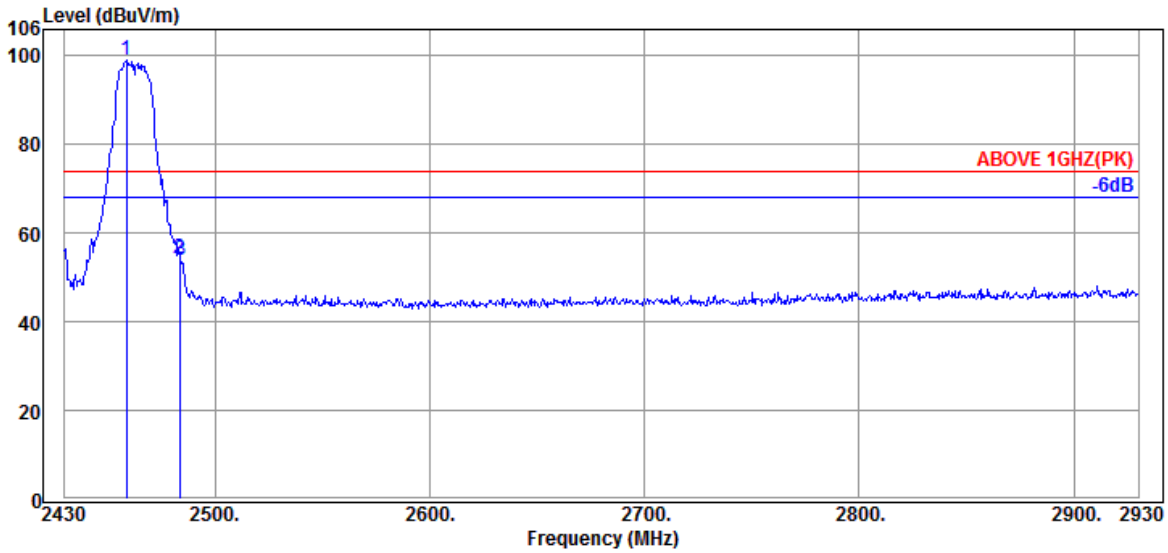
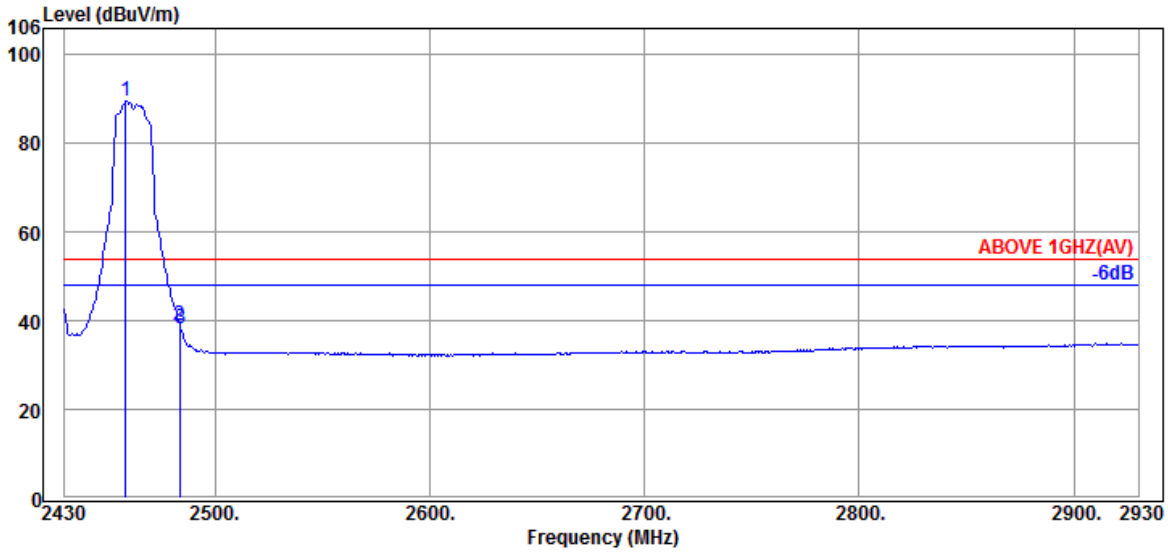
Mode	802.11g	Frequency	TX 2462MHz



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2459.000	32.03	7.98	34.60	93.53	98.94	---	---	Peak
	2483.500	32.14	7.99	34.61	48.94	54.46	74.00	19.54	Peak
	2484.000	32.14	7.99	34.61	48.43	53.95	74.00	20.05	Peak



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2458.500	32.03	7.98	34.60	84.14	89.55	---	---	Average
	2483.500	32.14	7.99	34.61	33.48	39.00	54.00	15.00	Average
	2484.000	32.14	7.99	34.61	32.84	38.36	54.00	15.64	Average

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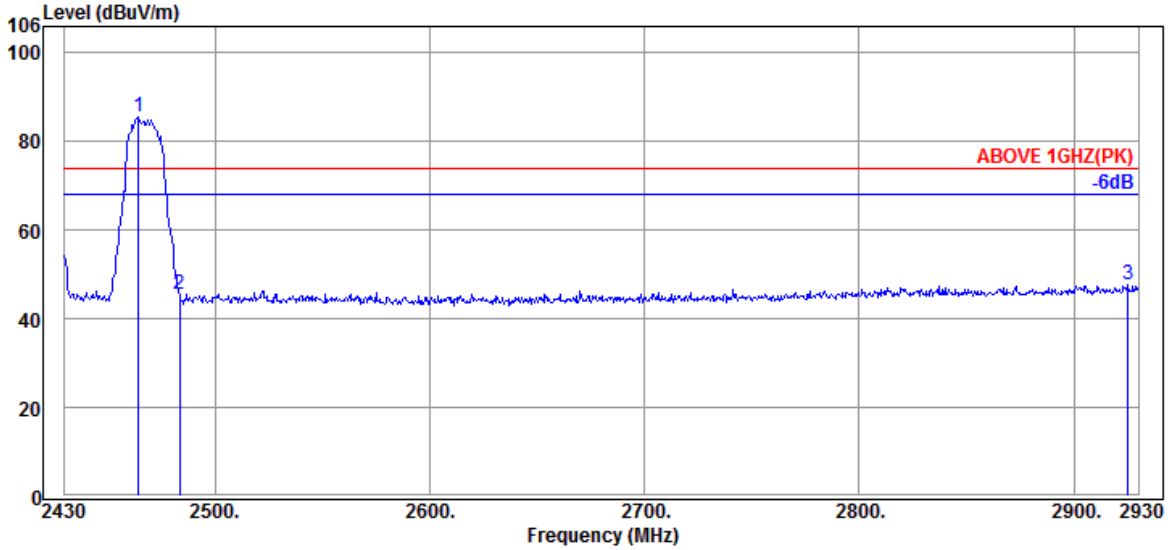
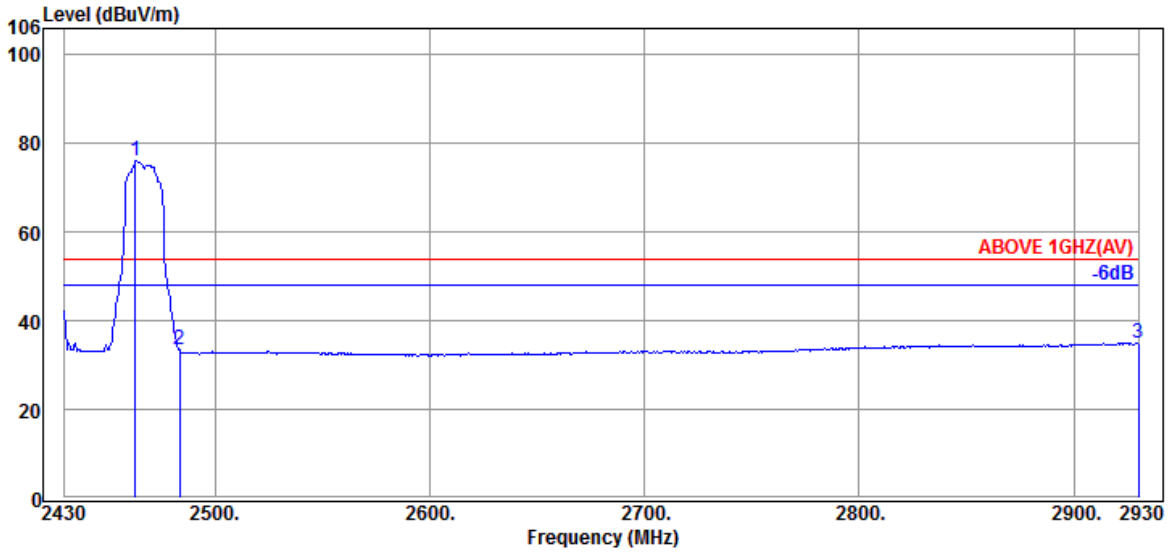
Mode	802.11g	Frequency	TX 2467MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2464.500	32.06	7.98	34.60	80.14	85.58	---	---	Peak
	2483.500	32.14	7.99	34.61	39.87	45.39	74.00	28.61	Peak
	2925.000	32.90	8.19	34.69	41.20	47.60	74.00	26.40	Peak



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2463.000	32.06	7.98	34.60	70.57	76.01	---	---	Average
	2483.500	32.14	7.99	34.61	27.91	33.43	54.00	20.57	Average
	2930.000	32.93	8.19	34.69	28.66	35.09	54.00	18.91	Average

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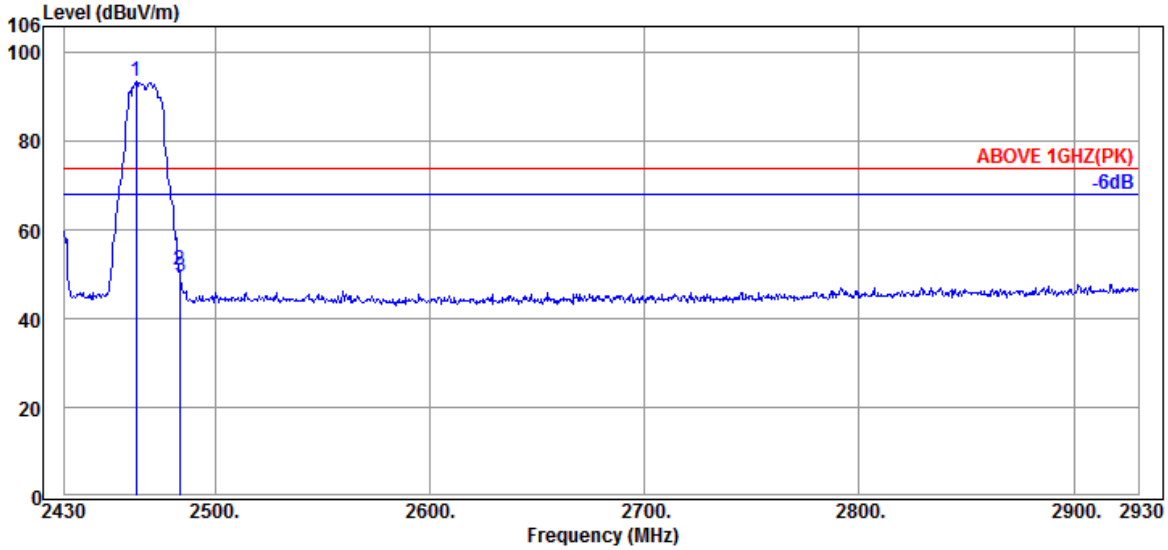
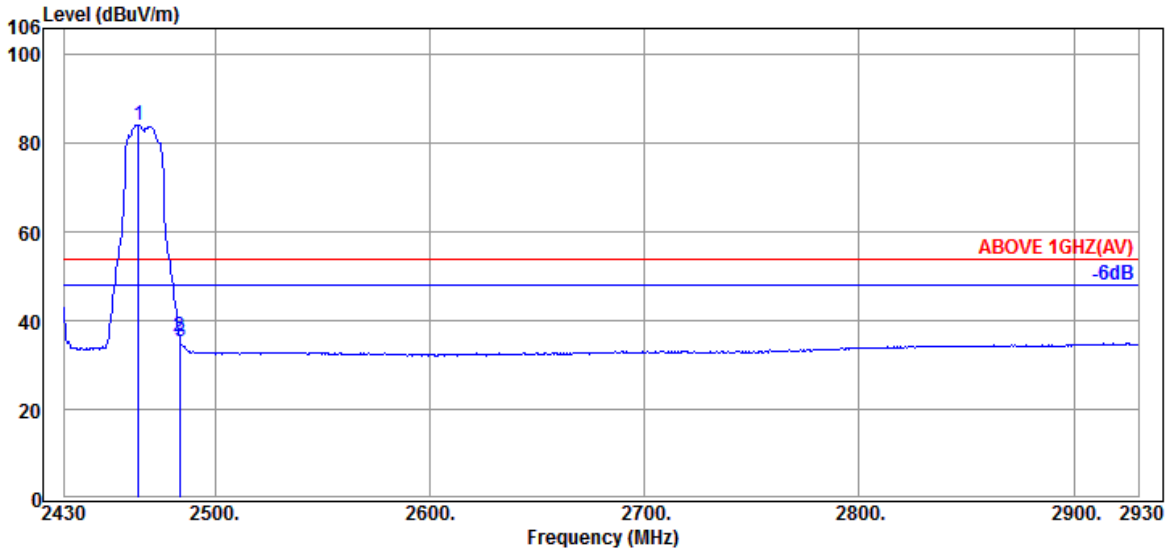
Mode	802.11g	Frequency	TX 2467MHz



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2463.500	32.06	7.98	34.60	88.20	93.64	---	---	Peak
	2483.500	32.14	7.99	34.61	45.57	51.09	74.00	22.91	Peak
	2484.000	32.14	7.99	34.61	43.84	49.36	74.00	24.64	Peak



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2464.500	32.06	7.98	34.60	78.78	84.22	---	---	Average
	2483.500	32.14	7.99	34.61	30.98	36.50	54.00	17.50	Average
	2484.000	32.14	7.99	34.61	29.85	35.37	54.00	18.63	Average

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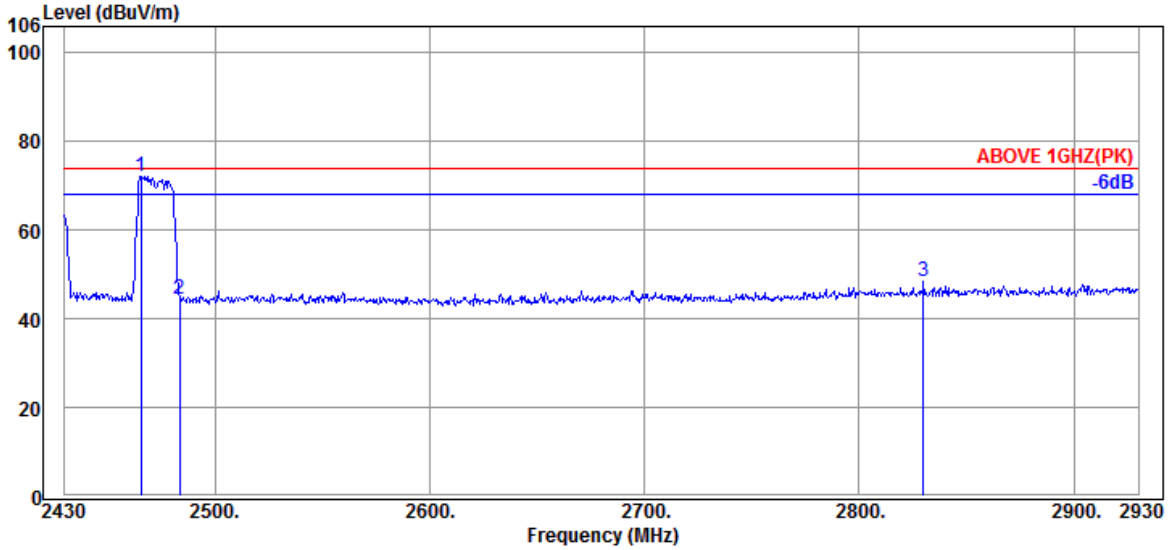
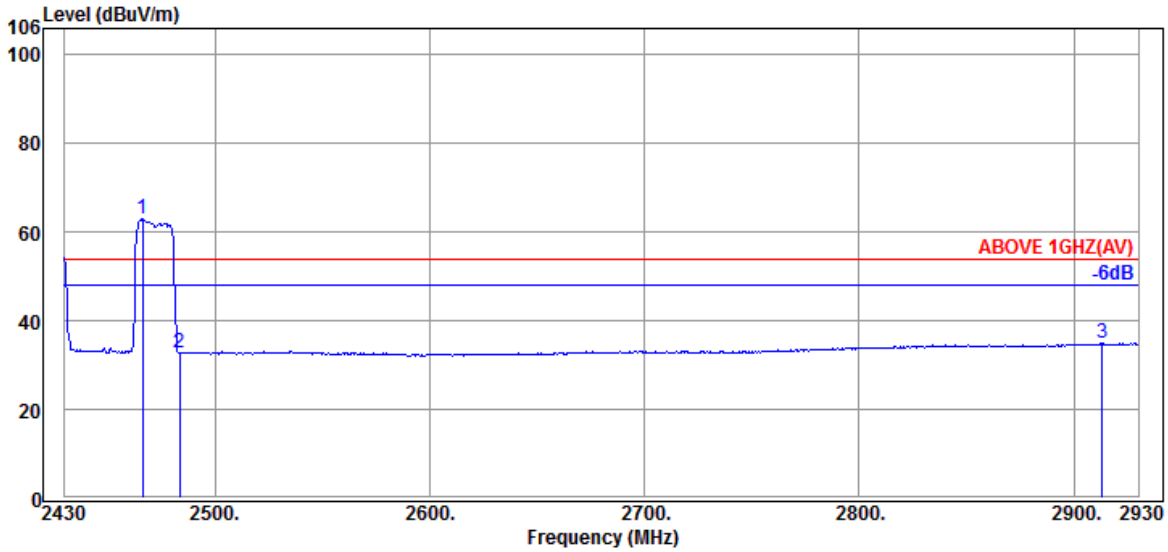
Mode	802.11g	Frequency	TX 2472MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2465.500	32.06	7.98	34.60	66.74	72.18	---	---	Peak
	2483.500	32.14	7.99	34.61	39.05	44.57	74.00	29.43	Peak
	2830.000	32.93	8.15	34.67	42.05	48.46	74.00	25.54	Peak



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2466.500	32.06	7.98	34.60	57.42	62.86	---	---	Average
	2483.500	32.14	7.99	34.61	27.10	32.62	54.00	21.38	Average
	2913.000	32.87	8.18	34.69	28.64	35.00	54.00	19.00	Average

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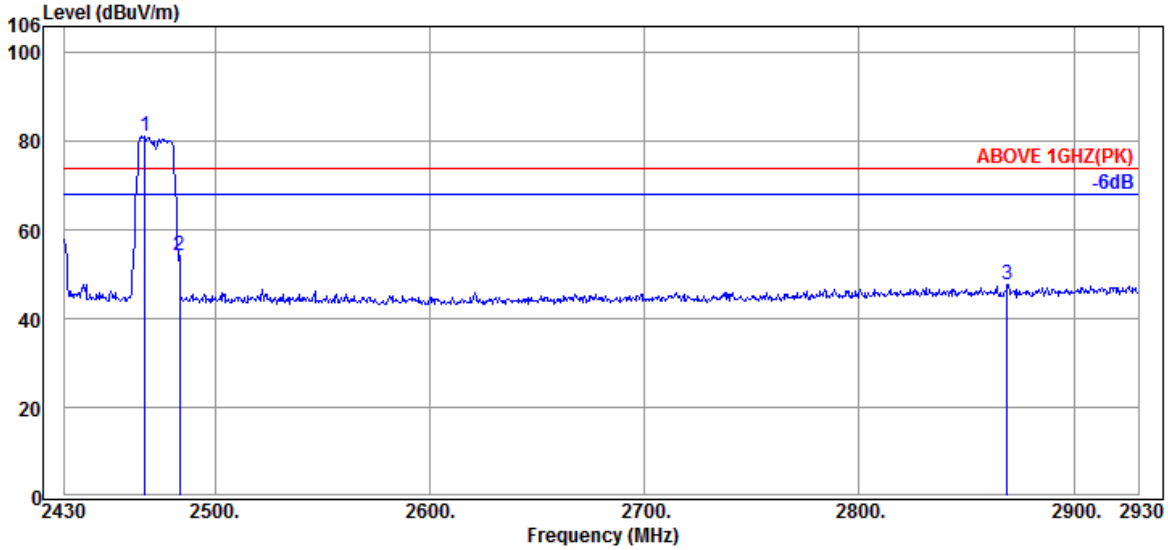
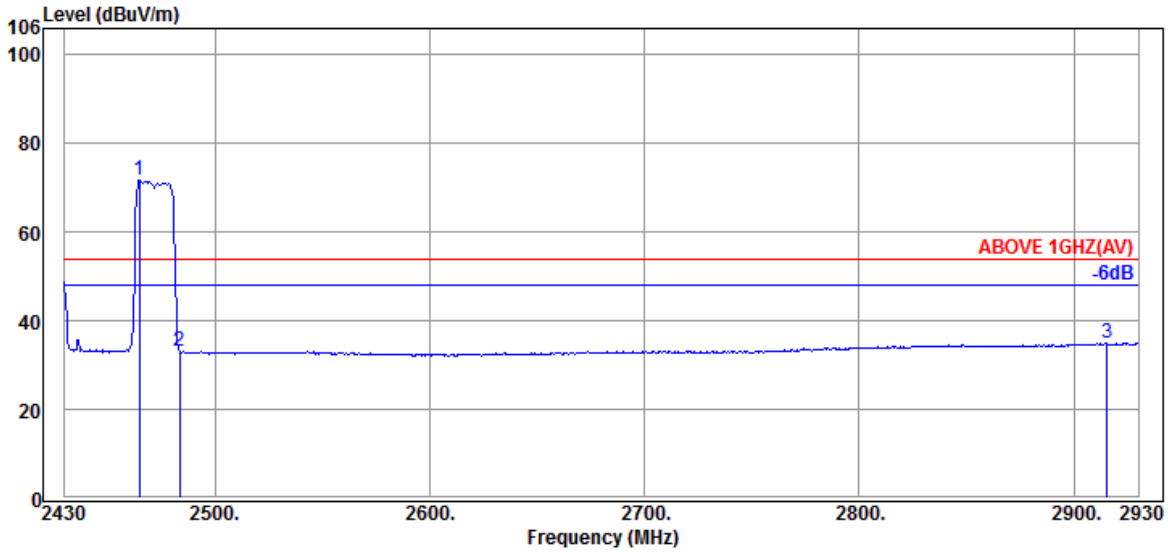
Mode	802.11g	Frequency	TX 2472MHz



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	2467.500	32.06	7.98	34.60	75.70	81.14	---	---	Peak
	2483.500	32.14	7.99	34.61	48.71	54.23	74.00	19.77	Peak
	2869.000	32.95	8.17	34.68	41.32	47.76	74.00	26.24	Peak



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	2465.000	32.06	7.98	34.60	66.33	71.77	---	---	Average
	2483.500	32.14	7.99	34.61	27.53	33.05	54.00	20.95	Average
	2915.500	32.87	8.18	34.69	28.58	34.94	54.00	19.06	Average

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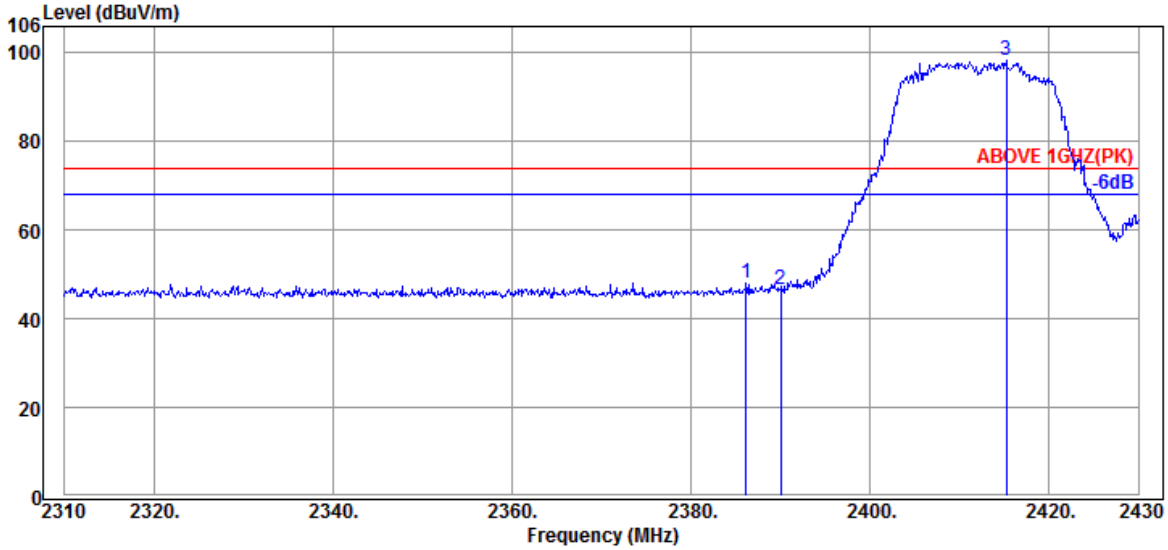
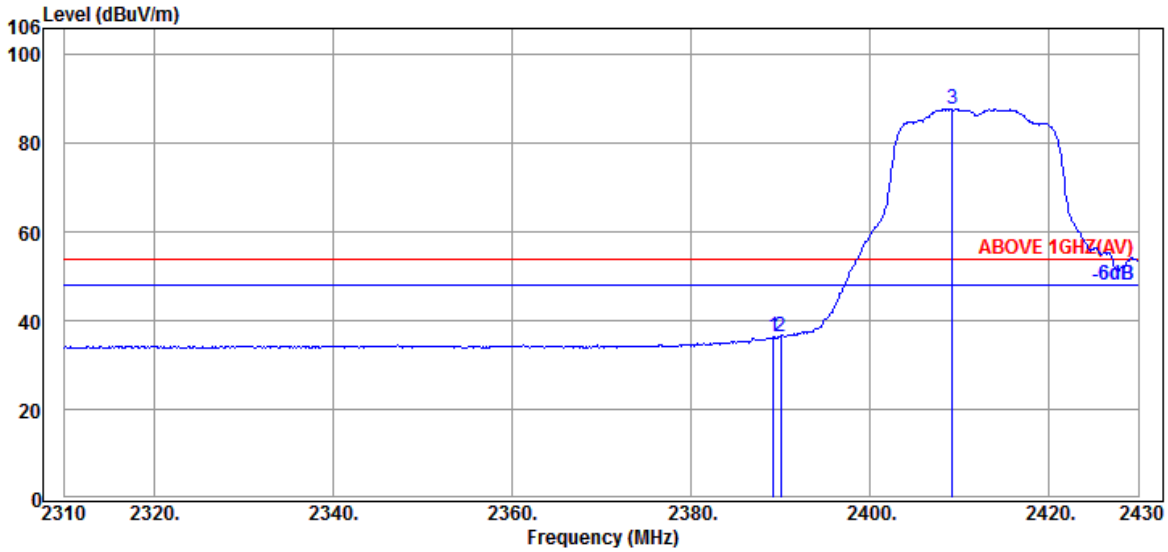
Mode	802.11n-HT20	Frequency	TX 2412MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
	2386.200	32.44	7.95	34.58	42.29	48.10	74.00	25.90	Peak
	2390.040	32.44	7.95	34.58	40.92	46.73	74.00	27.27	Peak
@	2415.240	32.36	7.96	34.59	92.62	98.35	---	---	Peak



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
	2389.200	32.44	7.95	34.58	30.56	36.37	54.00	17.63	Average
	2390.040	32.44	7.95	34.58	30.67	36.48	54.00	17.52	Average
@	2409.240	32.43	7.96	34.59	81.98	87.78	---	---	Average

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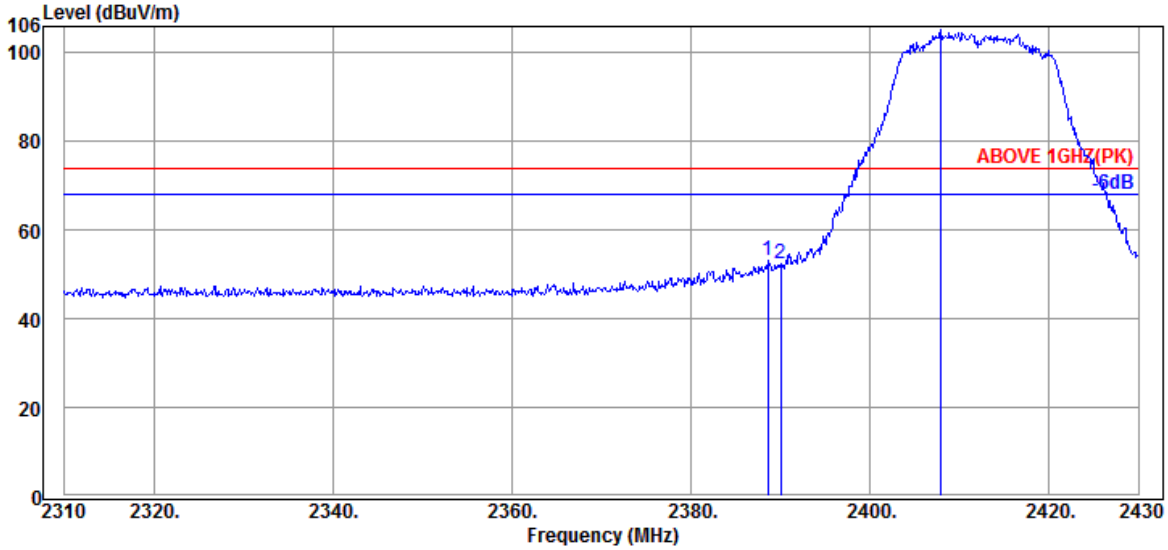
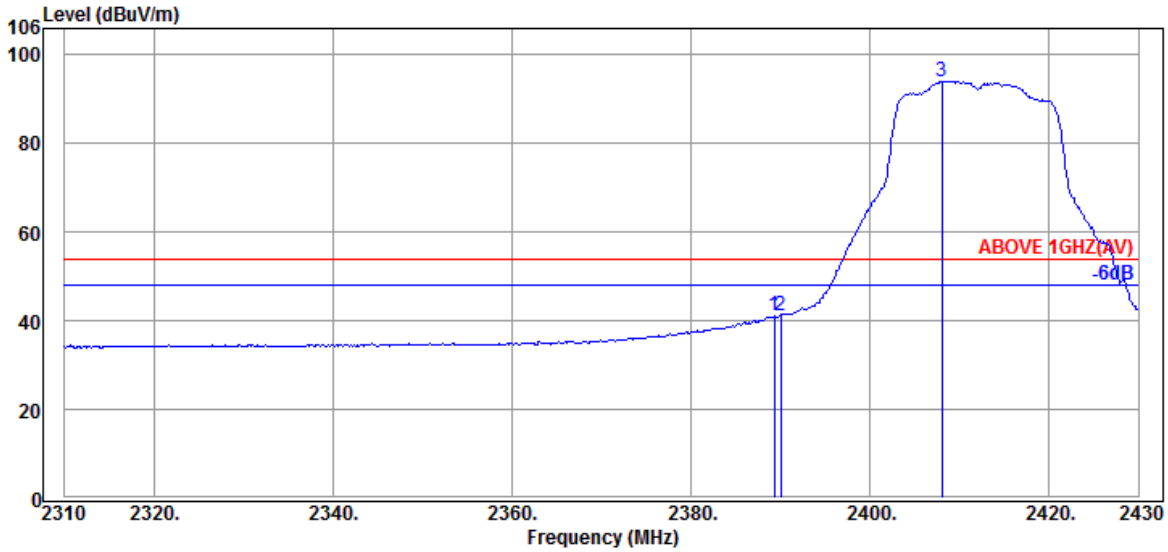
Mode	802.11n-HT20	Frequency	TX 2412MHz



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
	2388.600	32.44	7.95	34.58	47.35	53.16	74.00	20.84	Peak
	2390.040	32.44	7.95	34.58	46.61	52.42	74.00	21.58	Peak
@	2407.920	32.43	7.96	34.59	99.49	105.29	---	---	Peak



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
	2389.320	32.44	7.95	34.58	35.18	40.99	54.00	13.01	Average
	2390.040	32.44	7.95	34.58	35.42	41.23	54.00	12.77	Average
@	2408.040	32.43	7.96	34.59	88.34	94.14	---	---	Average

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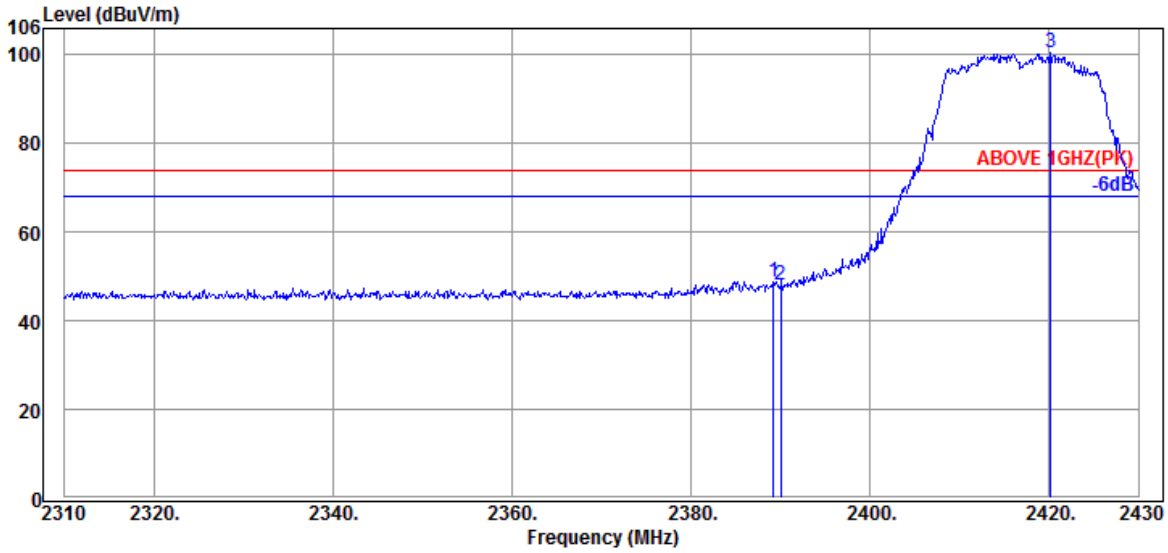
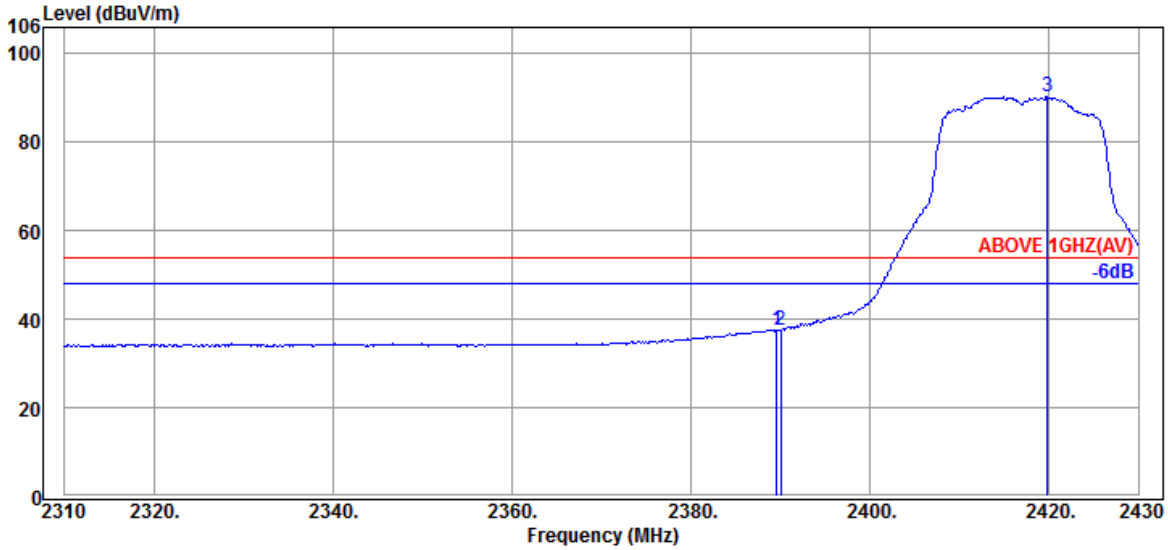
Mode	802.11n-HT20	Frequency	TX 2417MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
	2389.200	32.44	7.95	34.58	43.17	48.98	74.00	25.02	Peak
	2390.040	32.44	7.95	34.58	42.13	47.94	74.00	26.06	Peak
@	2420.160	32.29	7.96	34.59	94.88	100.54	---	---	Peak



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
	2389.560	32.44	7.95	34.58	31.89	37.70	54.00	16.30	Average
	2390.040	32.44	7.95	34.58	31.73	37.54	54.00	16.46	Average
@	2419.800	32.29	7.96	34.59	84.63	90.29	---	---	Average

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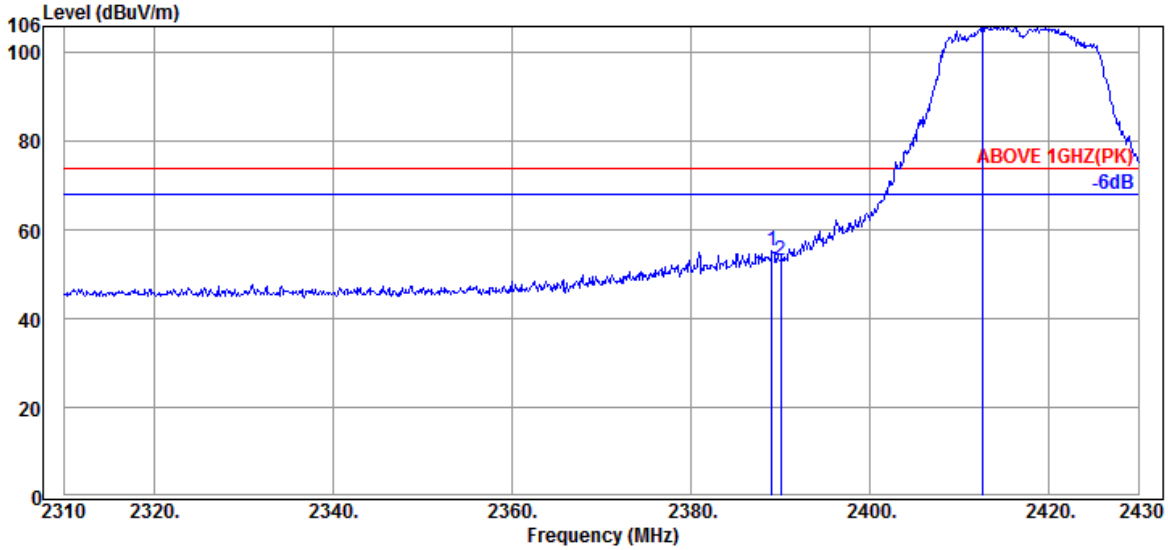
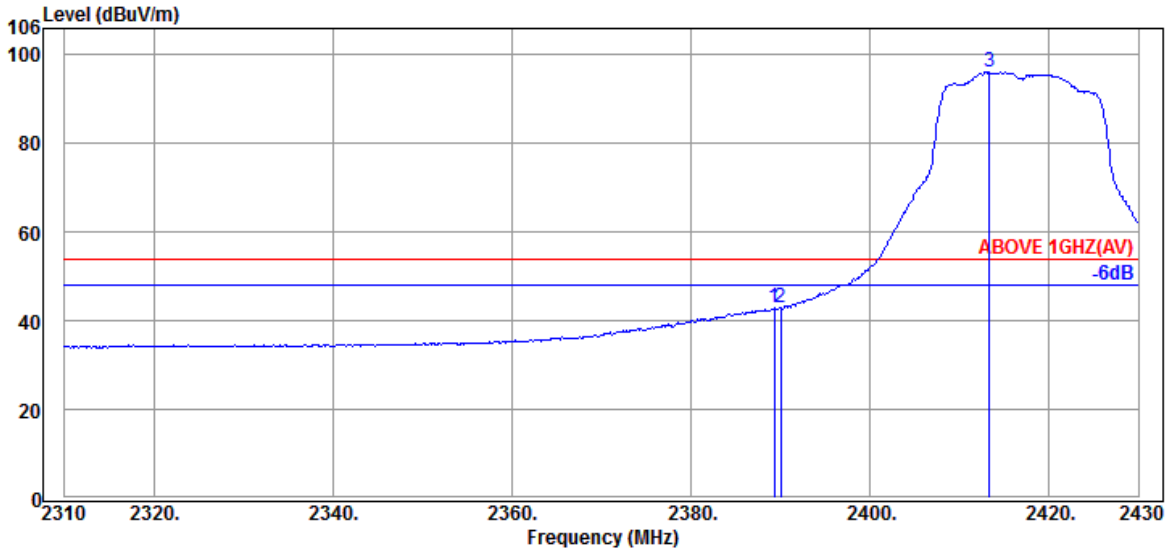
Mode	802.11n-HT20	Frequency	TX 2417MHz



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
	2389.080	32.44	7.95	34.58	49.50	55.31	74.00	18.69	Peak
	2390.040	32.44	7.95	34.58	47.35	53.16	74.00	20.84	Peak
@	2412.600	32.36	7.96	34.59	100.80	106.53	---	---	Peak



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
	2389.320	32.44	7.95	34.58	37.10	42.91	54.00	11.09	Average
	2390.040	32.44	7.95	34.58	37.09	42.90	54.00	11.10	Average
@	2413.320	32.36	7.96	34.59	90.49	96.22	---	---	Average

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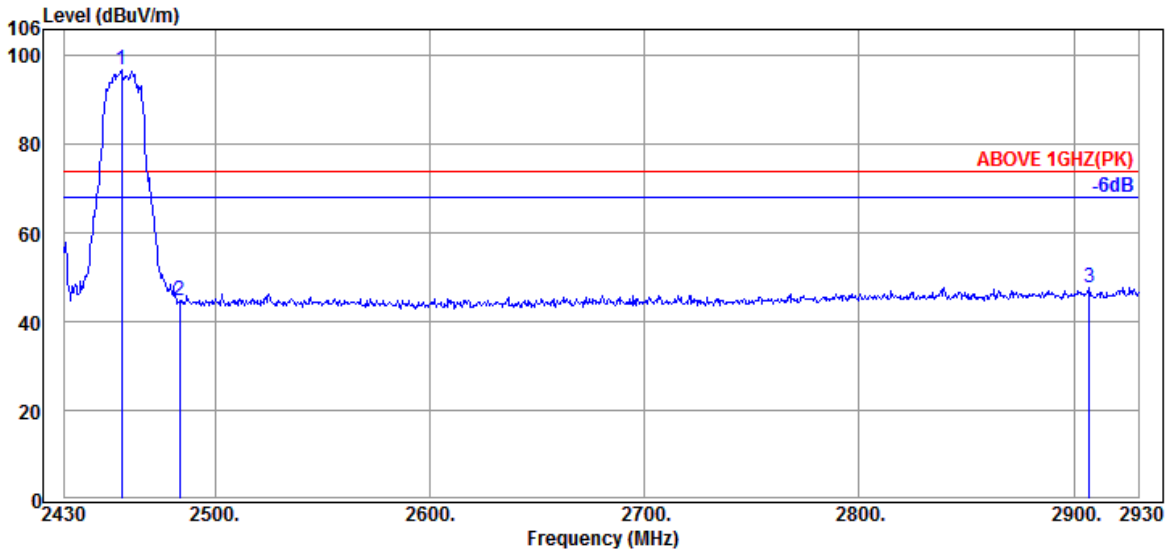
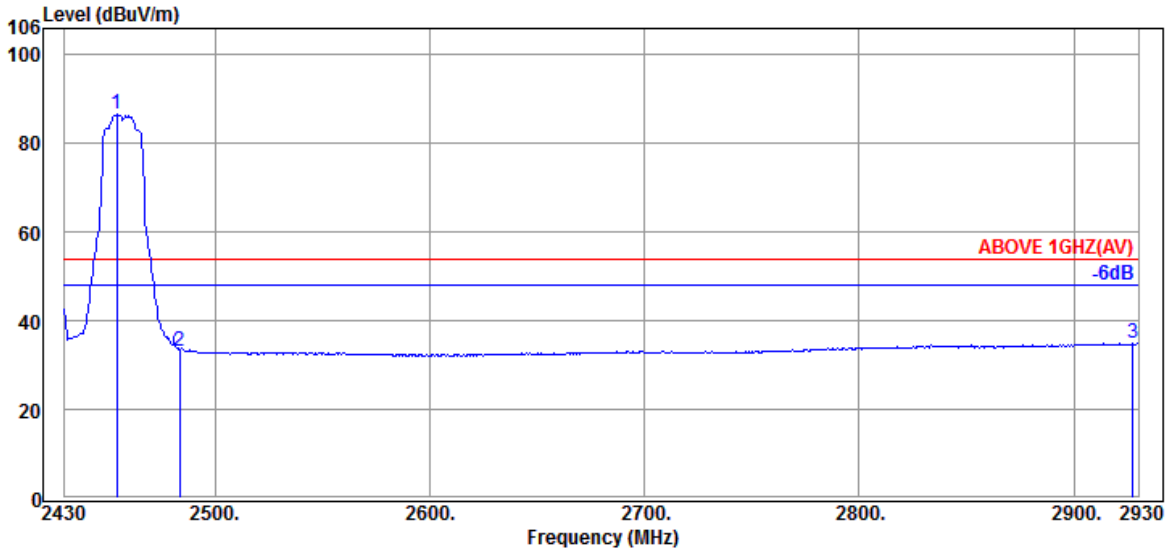
Mode	802.11n-HT20	Frequency	TX 2457MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2456.500	32.03	7.98	34.60	91.54	96.95	---	---	Peak
	2483.500	32.14	7.99	34.61	39.40	44.92	74.00	29.08	Peak
	2907.000	32.83	8.18	34.69	41.56	47.88	74.00	26.12	Peak



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2454.500	32.03	7.98	34.60	81.19	86.60	---	---	Average
	2483.500	32.14	7.99	34.61	27.79	33.31	54.00	20.69	Average
	2927.500	32.93	8.19	34.69	28.45	34.88	54.00	19.12	Average

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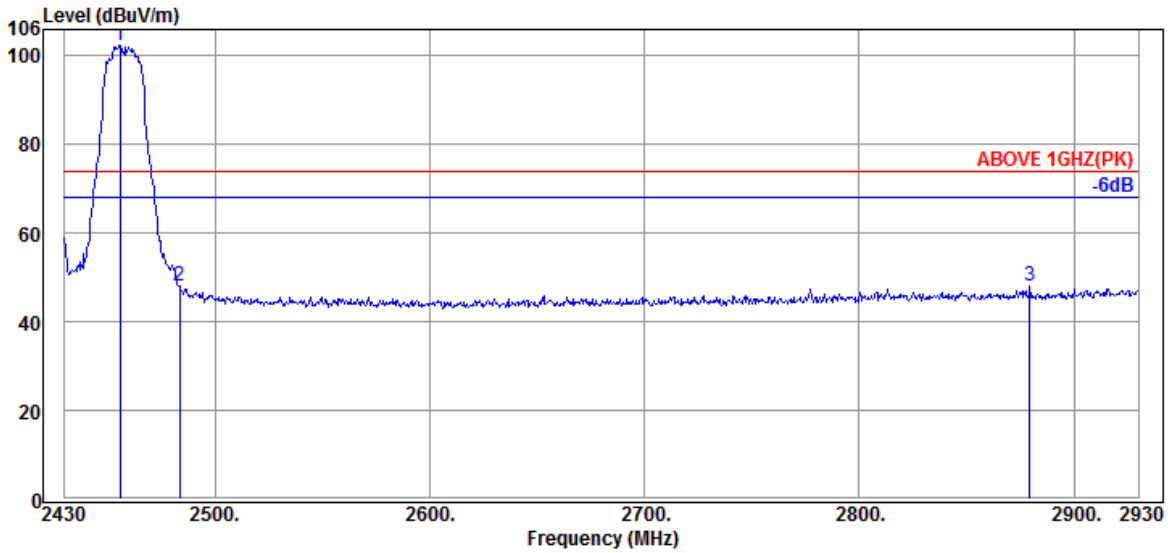
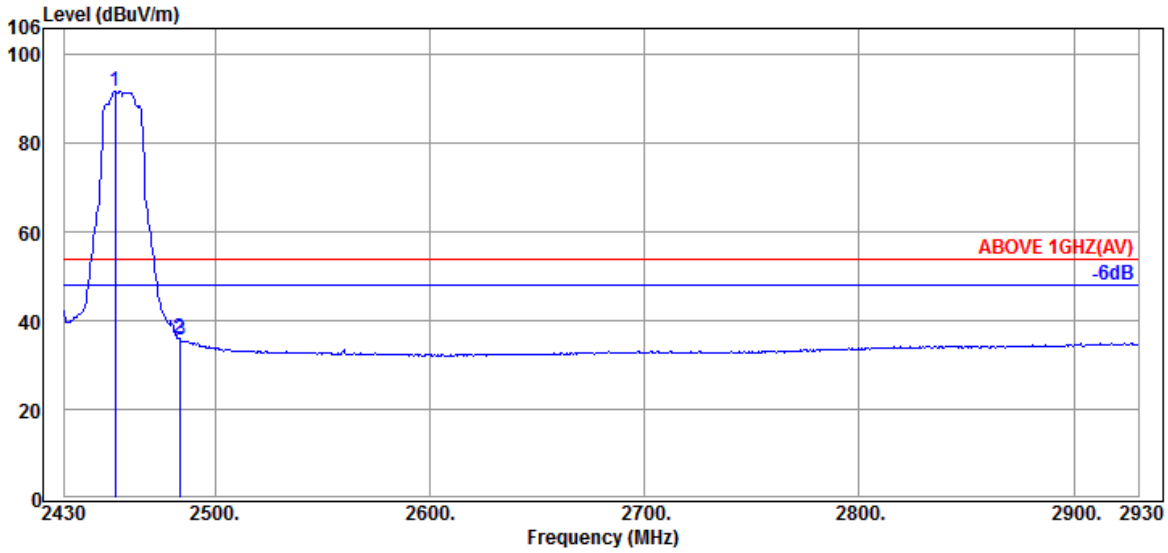
Mode	802.11n-HT20	Frequency	TX 2457MHz



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	2456.000	32.03	7.98	34.60	97.11	102.52	---	---	Peak
	2483.500	32.14	7.99	34.61	42.47	47.99	74.00	26.01	Peak
	2879.500	32.90	8.17	34.68	41.52	47.91	74.00	26.09	Peak



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	2453.500	32.03	7.98	34.60	86.38	91.79	---	---	Average
	2483.500	32.14	7.99	34.61	30.45	35.97	54.00	18.03	Average
	2484.000	32.14	7.99	34.61	30.20	35.72	54.00	18.28	Average

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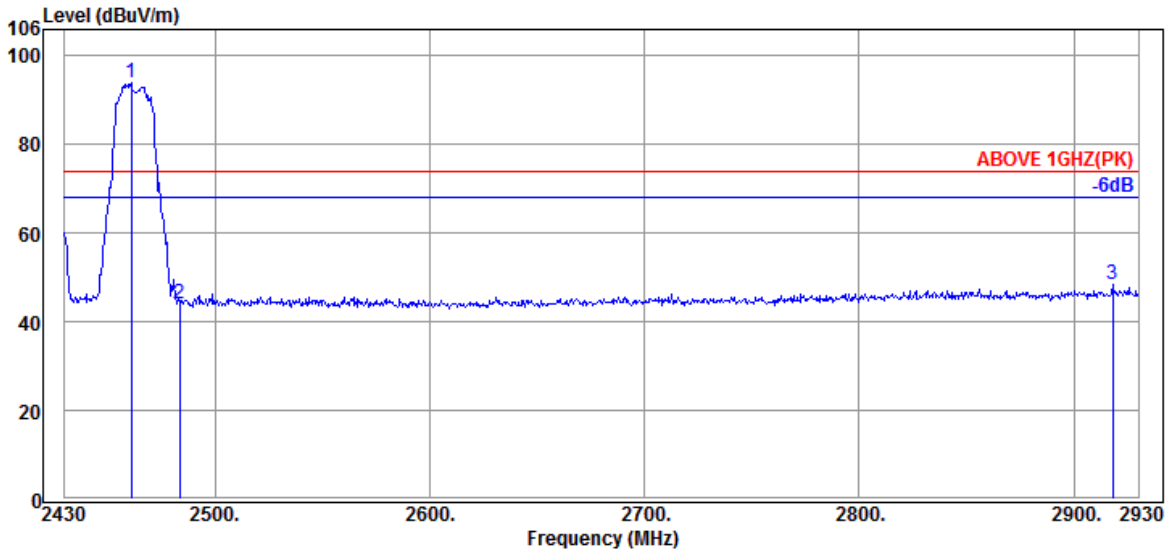
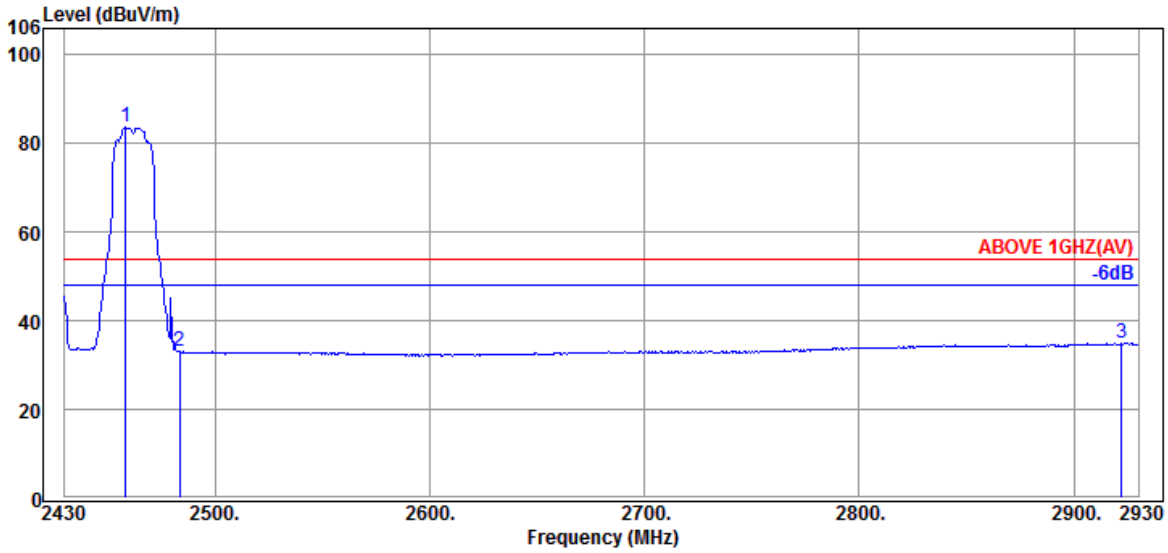
Mode	802.11n-HT20	Frequency	TX 2462MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2461.000	32.06	7.98	34.60	88.68	94.12	---	---	Peak
	2483.500	32.14	7.99	34.61	38.68	44.20	74.00	29.80	Peak
	2918.000	32.90	8.19	34.69	41.98	48.38	74.00	25.62	Peak



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2458.500	32.03	7.98	34.60	78.32	83.73	---	---	Average
	2483.500	32.14	7.99	34.61	27.57	33.09	54.00	20.91	Average
	2922.000	32.90	8.19	34.69	28.51	34.91	54.00	19.09	Average

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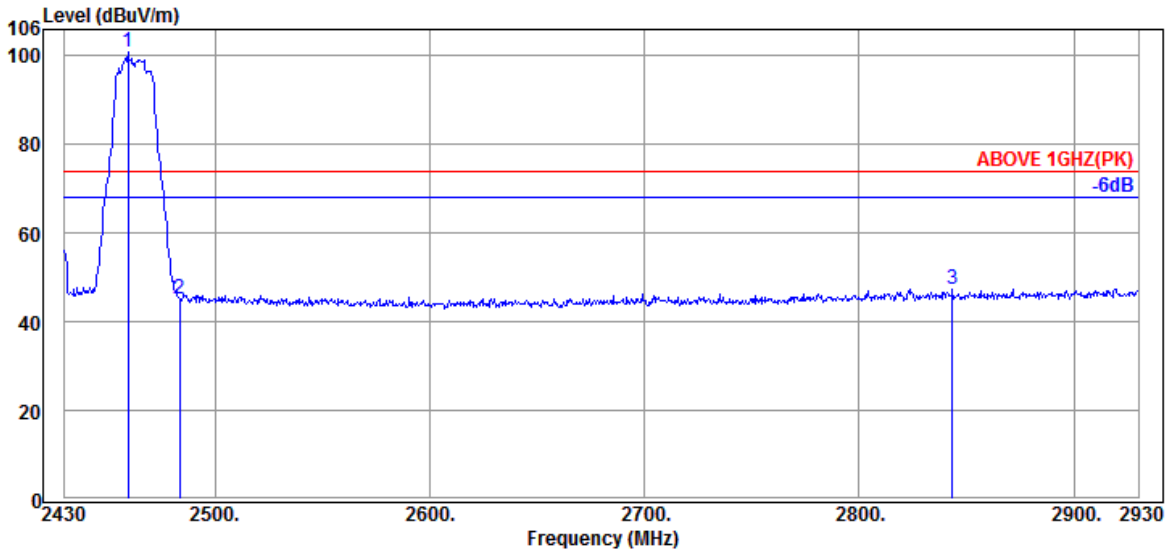
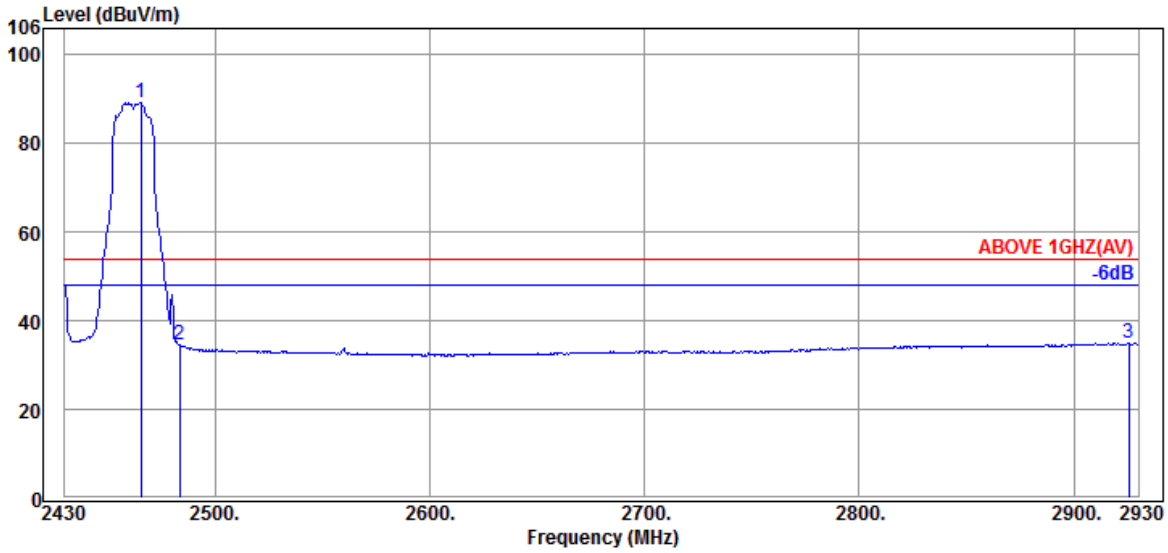
Mode	802.11n-HT20	Frequency	TX 2462MHz



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2459.500	32.03	7.98	34.60	95.61	101.02	---	---	Peak
	2483.500	32.14	7.99	34.61	39.56	45.08	74.00	28.92	Peak
	2843.500	33.10	8.16	34.67	40.66	47.25	74.00	26.75	Peak



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2465.500	32.06	7.98	34.60	83.72	89.16	---	---	Average
	2483.500	32.14	7.99	34.61	29.18	34.70	54.00	19.30	Average
	2925.500	32.90	8.19	34.69	28.50	34.90	54.00	19.10	Average

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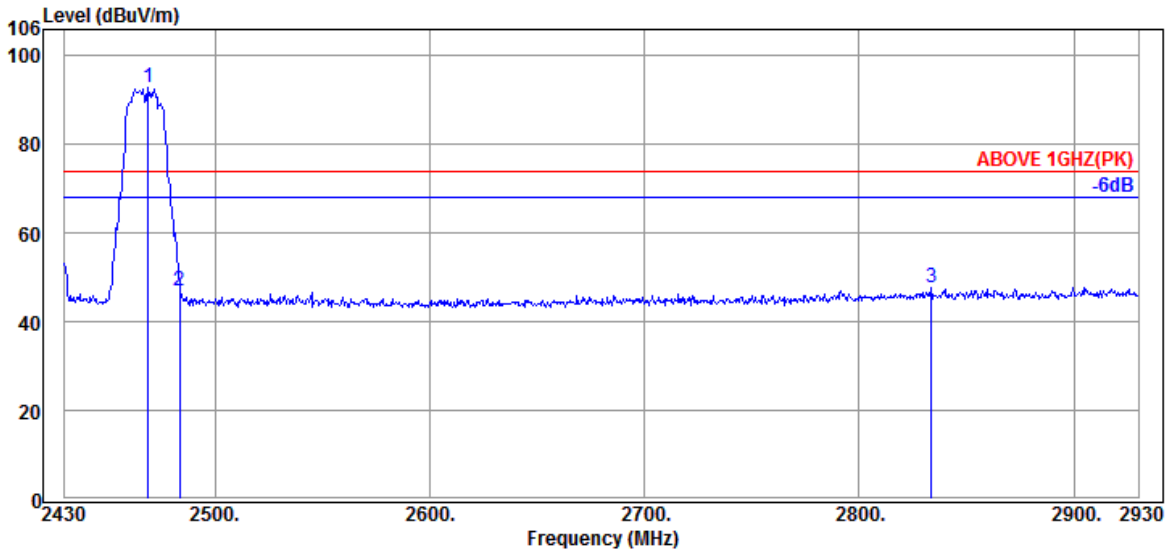
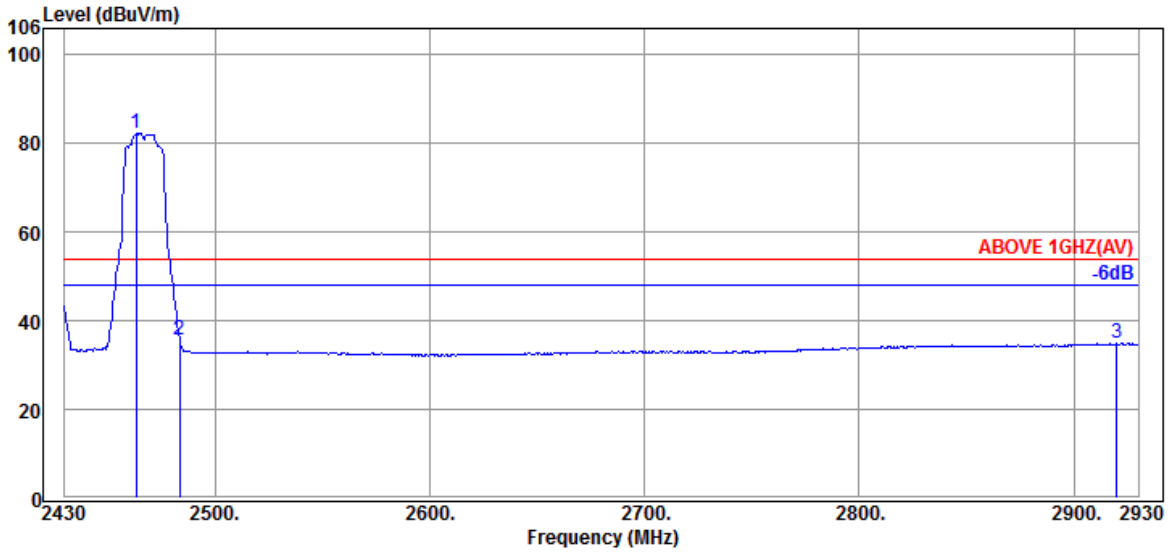
Mode	802.11n-HT20	Frequency	TX 2467MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2469.000	32.09	7.98	34.60	87.47	92.94	---	---	Peak
	2483.500	32.14	7.99	34.61	41.30	46.82	74.00	27.18	Peak
	2833.500	32.93	8.15	34.67	41.32	47.73	74.00	26.27	Peak



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2463.500	32.06	7.98	34.60	76.91	82.35	---	---	Average
	2483.500	32.14	7.99	34.61	30.12	35.64	54.00	18.36	Average
	2920.000	32.90	8.19	34.69	28.58	34.98	54.00	19.02	Average

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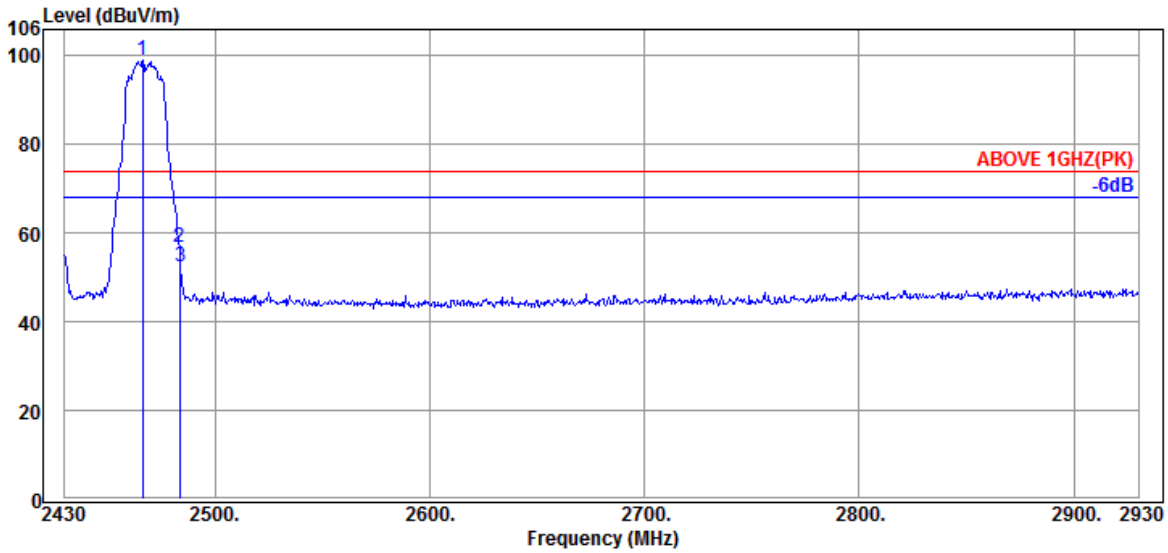
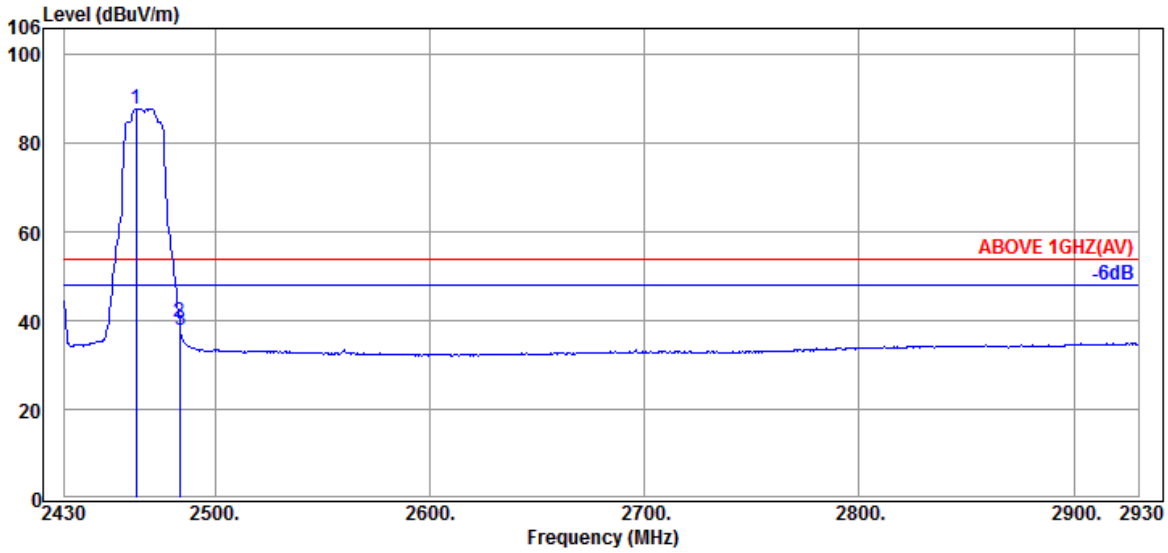
Mode	802.11n-HT20	Frequency	TX 2467MHz



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2466.500	32.06	7.98	34.60	93.56	99.00	---	---	Peak
	2483.500	32.14	7.99	34.61	51.24	56.76	74.00	17.24	Peak
	2484.000	32.14	7.99	34.61	46.82	52.34	74.00	21.66	Peak



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2463.500	32.06	7.98	34.60	82.52	87.96	---	---	Average
	2483.500	32.14	7.99	34.61	34.07	39.59	54.00	14.41	Average
	2484.000	32.14	7.99	34.61	32.47	37.99	54.00	16.01	Average

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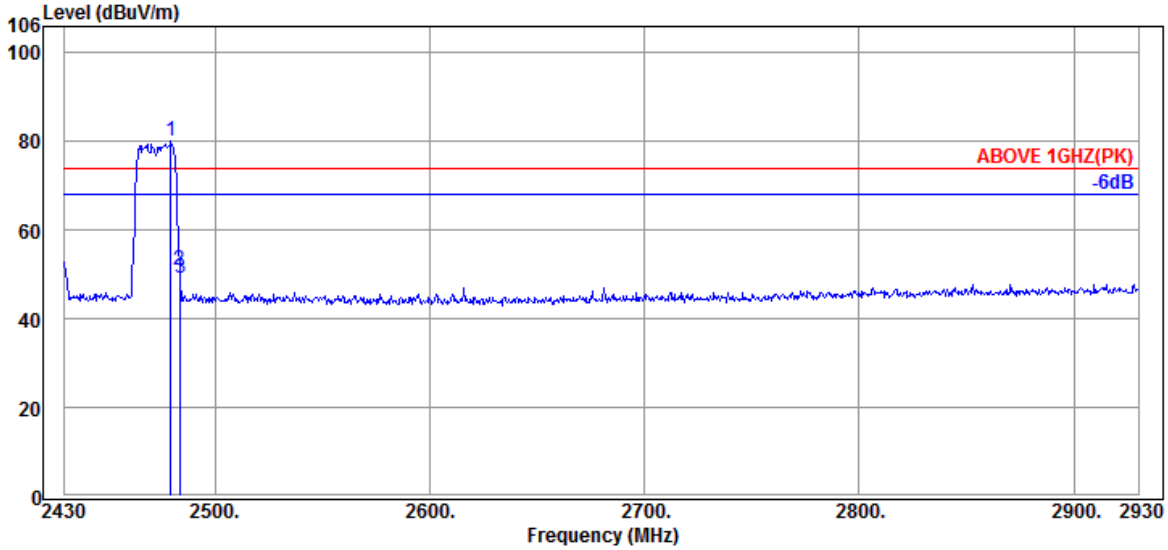
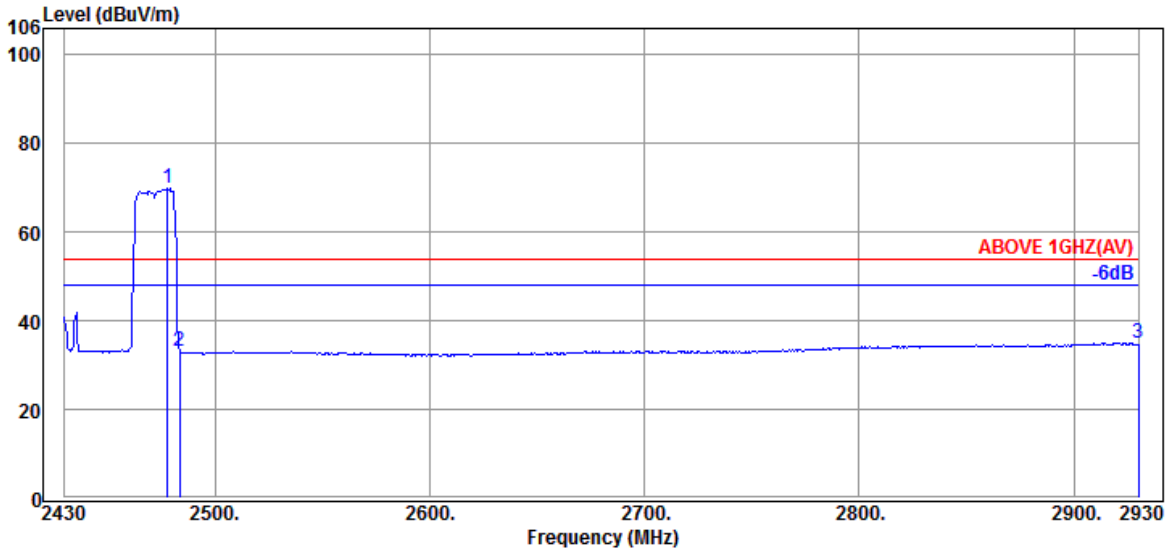
Mode	802.11n-HT20	Frequency	TX 2472MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2479.500	32.11	7.99	34.60	74.57	80.07	---	---	Peak
	2483.500	32.14	7.99	34.61	45.45	50.97	74.00	23.03	Peak
	2484.000	32.14	7.99	34.61	43.75	49.27	74.00	24.73	Peak



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2478.000	32.11	7.99	34.60	64.36	69.86	---	---	Average
	2483.500	32.14	7.99	34.61	27.64	33.16	54.00	20.84	Average
	2930.000	32.93	8.19	34.69	28.52	34.95	54.00	19.05	Average

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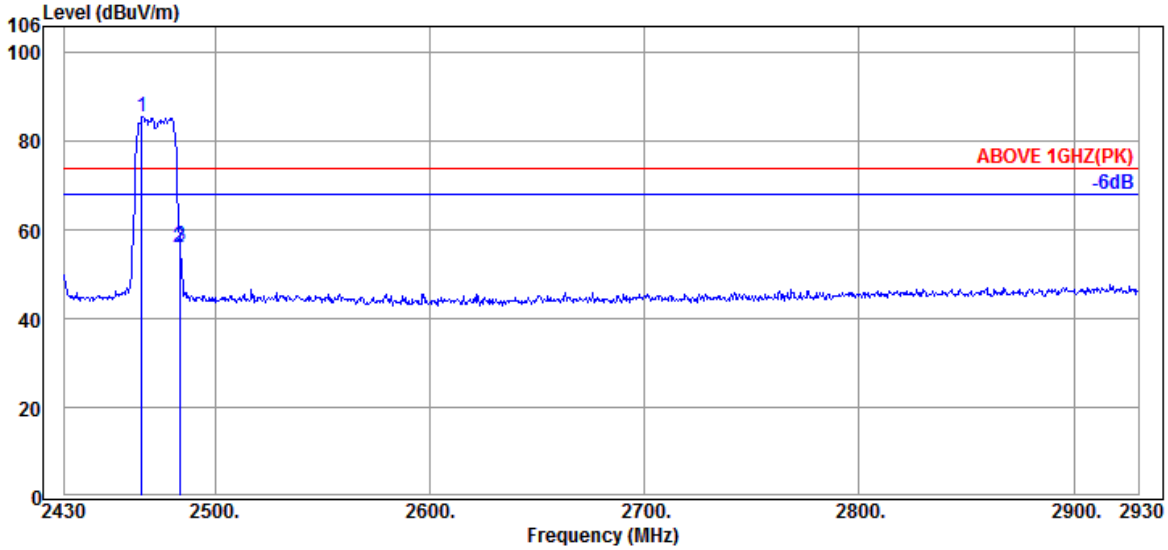
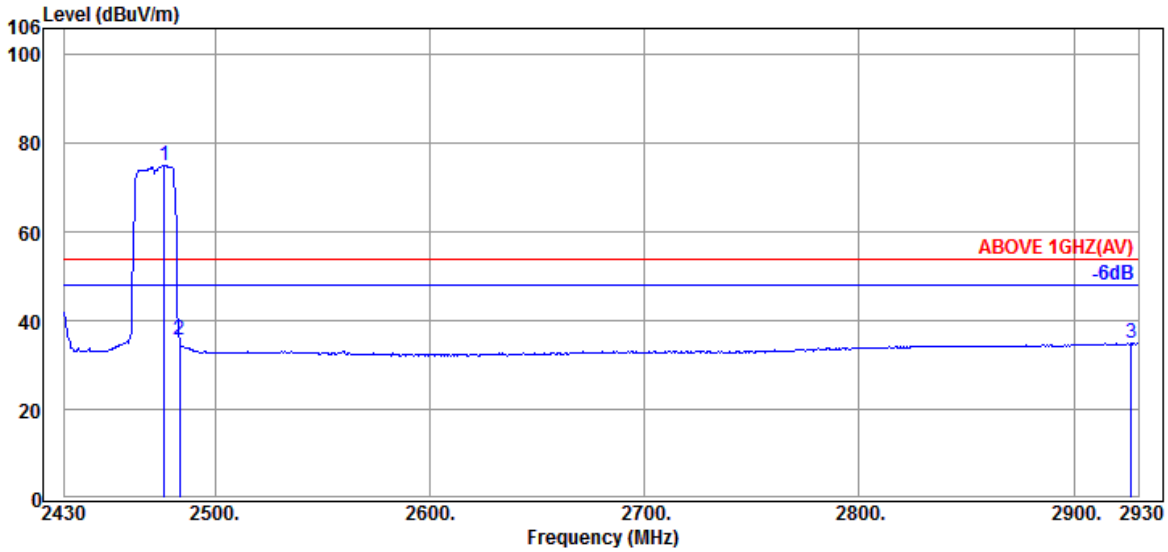
Mode	802.11n-HT20	Frequency	TX 2472MHz



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2466.000	32.06	7.98	34.60	80.11	85.55	---	---	Peak
	2483.500	32.14	7.99	34.61	50.57	56.09	74.00	17.91	Peak
	2484.000	32.14	7.99	34.61	51.03	56.55	74.00	17.45	Peak



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2476.500	32.11	7.99	34.60	69.51	75.01	---	---	Average
	2483.500	32.14	7.99	34.61	30.07	35.59	54.00	18.41	Average
	2926.500	32.93	8.19	34.69	28.51	34.94	54.00	19.06	Average

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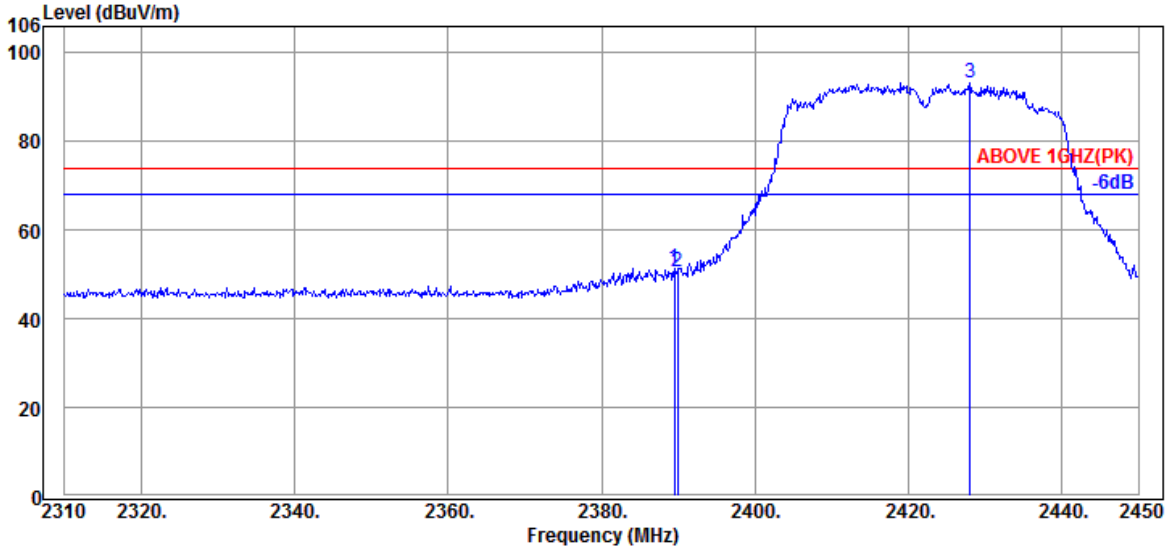
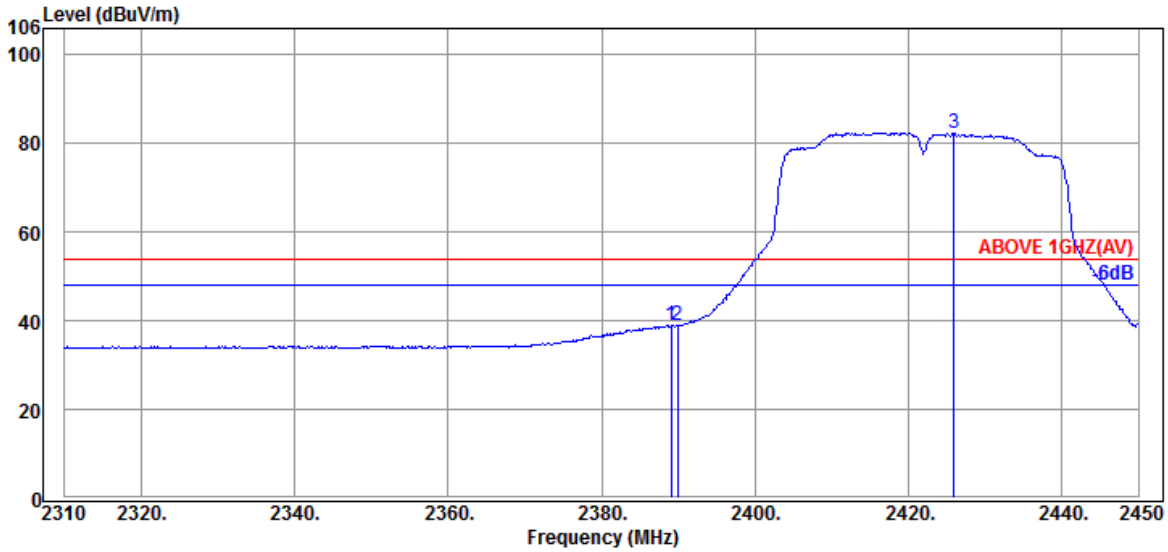
Mode	802.11n-HT40	Frequency	TX 2422MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
	2389.520	32.44	7.95	34.58	45.58	51.39	74.00	22.61	Peak
	2389.940	32.44	7.95	34.58	44.73	50.54	74.00	23.46	Peak
@	2428.020	32.21	7.97	34.59	87.72	93.31	---	---	Peak



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
	2389.100	32.44	7.95	34.58	33.10	38.91	54.00	15.09	Average
	2389.940	32.44	7.95	34.58	33.25	39.06	54.00	14.94	Average
@	2425.920	32.21	7.97	34.59	76.84	82.43	---	---	Average

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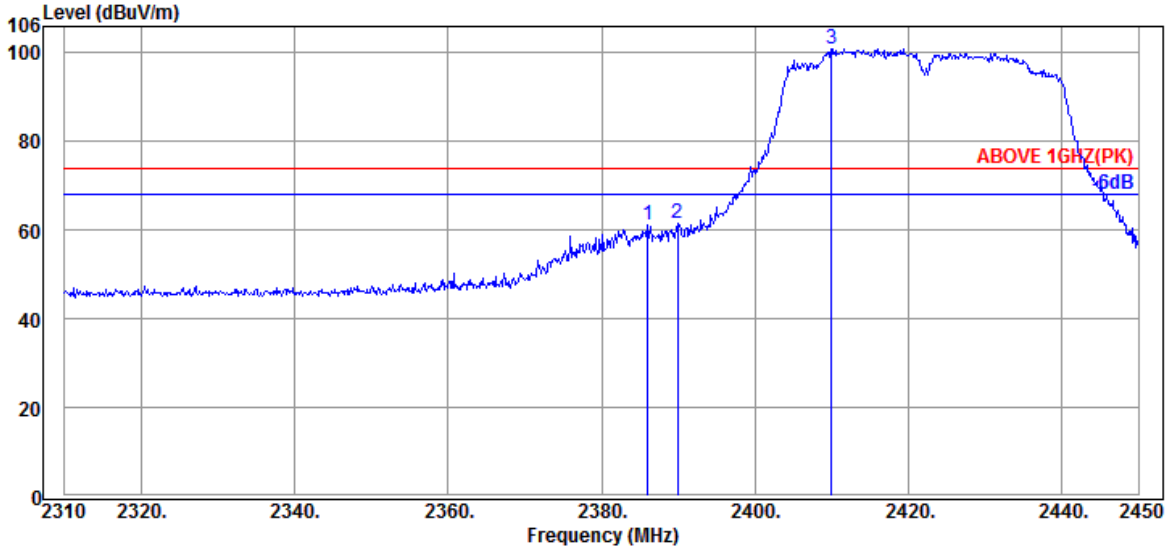
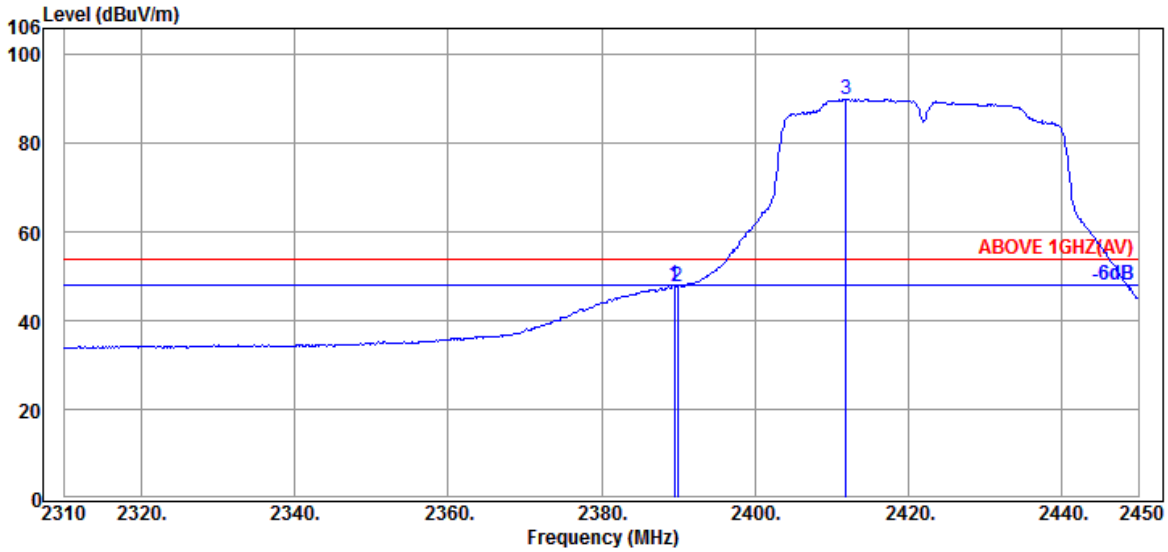
Mode	802.11n-HT40	Frequency	TX 2422MHz



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
	2386.020	32.44	7.95	34.58	55.26	61.07	74.00	12.93	Peak
	2389.940	32.44	7.95	34.58	55.61	61.42	74.00	12.58	Peak
@	2409.960	32.43	7.96	34.59	95.03	100.83	---	---	Peak



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
	2389.520	32.44	7.95	34.58	42.19	48.00	54.00	6.00	Average
	2389.940	32.44	7.95	34.58	42.03	47.84	54.00	6.16	Average
@	2411.920	32.36	7.96	34.59	84.32	90.05	---	---	Average

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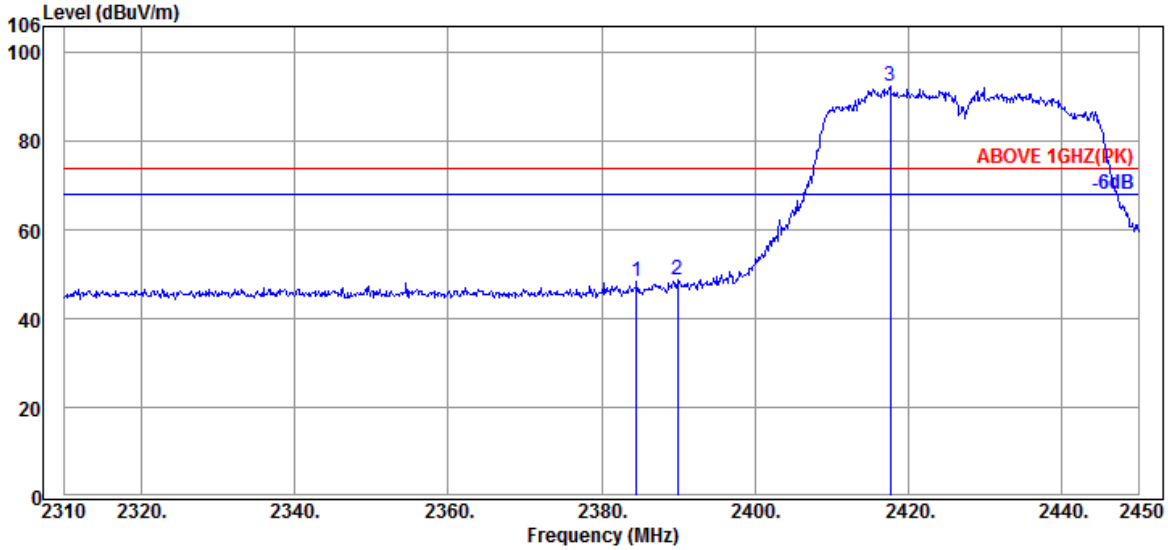
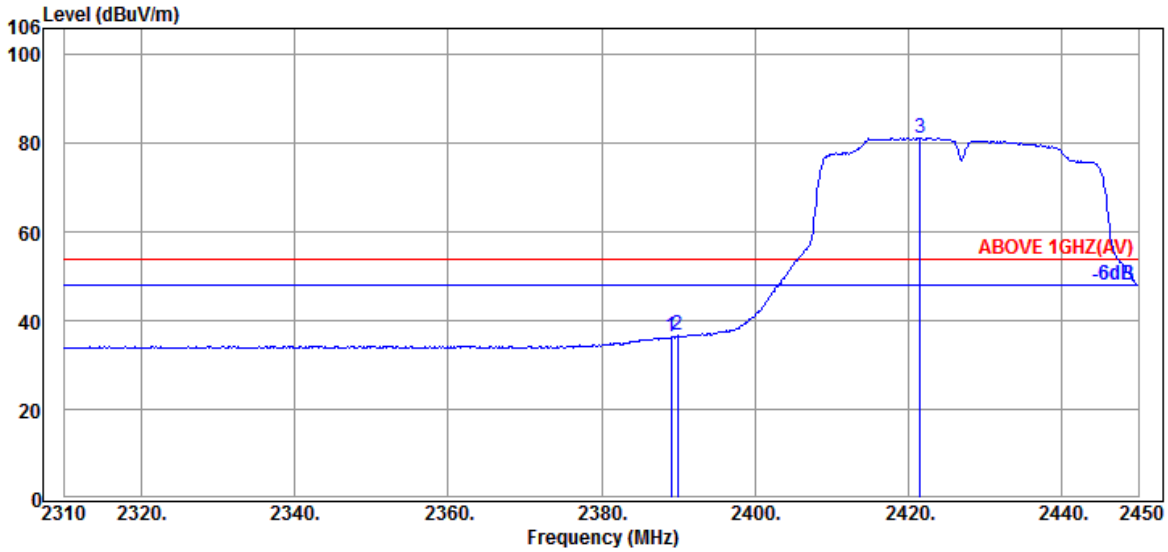
Mode	802.11n-HT40	Frequency	TX 2427MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
	2384.620	32.44	7.95	34.58	42.75	48.56	74.00	25.44	Peak
	2389.940	32.44	7.95	34.58	42.95	48.76	74.00	25.24	Peak
@	2417.660	32.36	7.96	34.59	86.69	92.42	---	---	Peak



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
	2389.100	32.44	7.95	34.58	30.64	36.45	54.00	17.55	Average
	2389.940	32.44	7.95	34.58	31.10	36.91	54.00	17.09	Average
@	2421.580	32.29	7.96	34.59	75.58	81.24	---	---	Average

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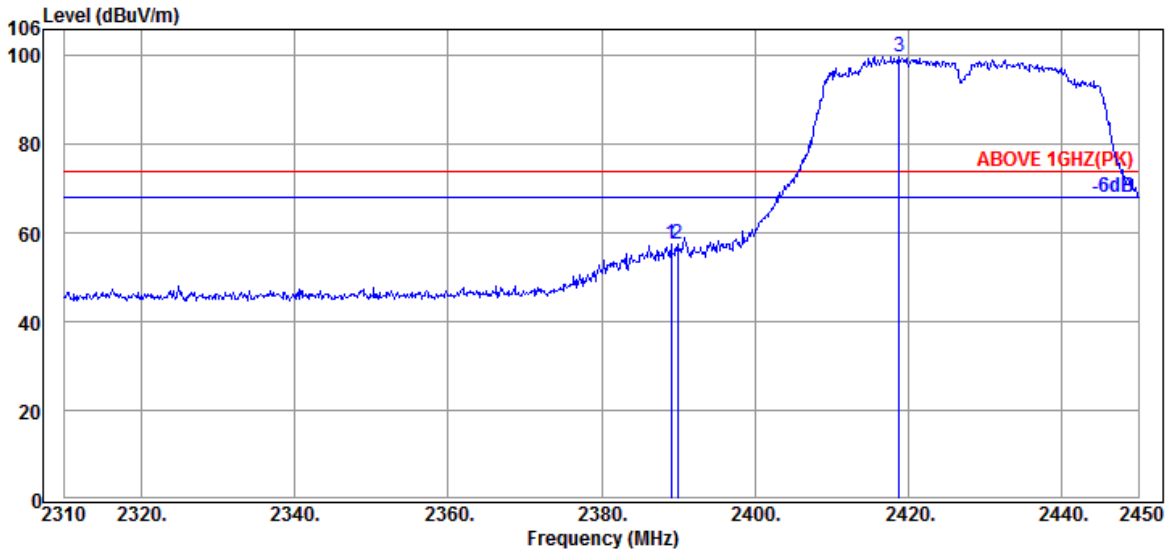
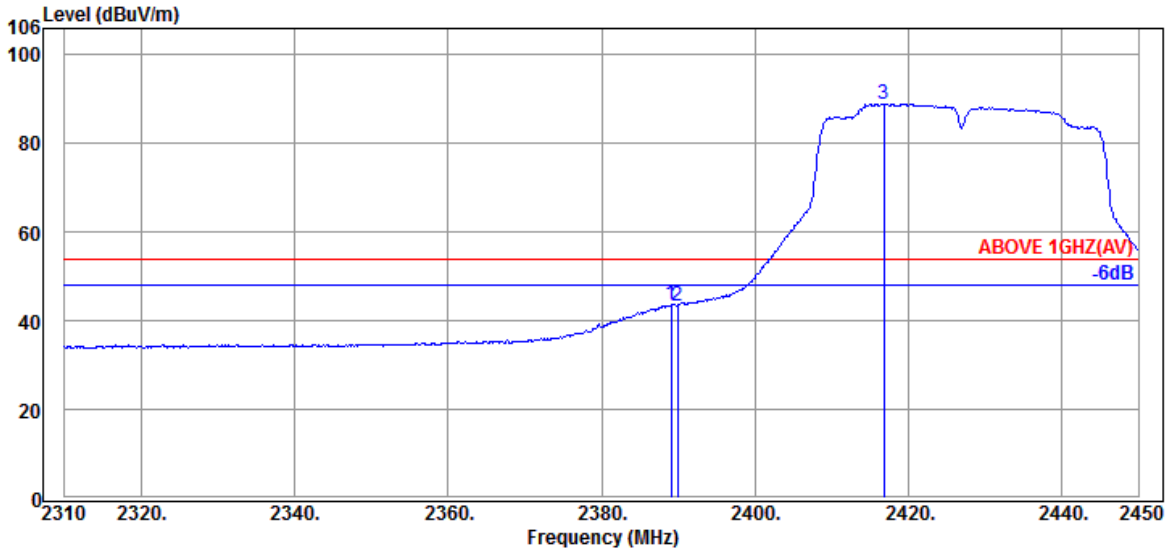
Mode	802.11n-HT40	Frequency	TX 2427MHz



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
	2389.100	32.44	7.95	34.58	51.70	57.51	74.00	16.49	Peak
	2389.940	32.44	7.95	34.58	51.75	57.56	74.00	16.44	Peak
@	2418.780	32.29	7.96	34.59	94.13	99.79	---	---	Peak



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
	2389.100	32.44	7.95	34.58	37.82	43.63	54.00	10.37	Average
	2389.940	32.44	7.95	34.58	37.66	43.47	54.00	10.53	Average
@	2416.820	32.36	7.96	34.59	83.22	88.95	---	---	Average

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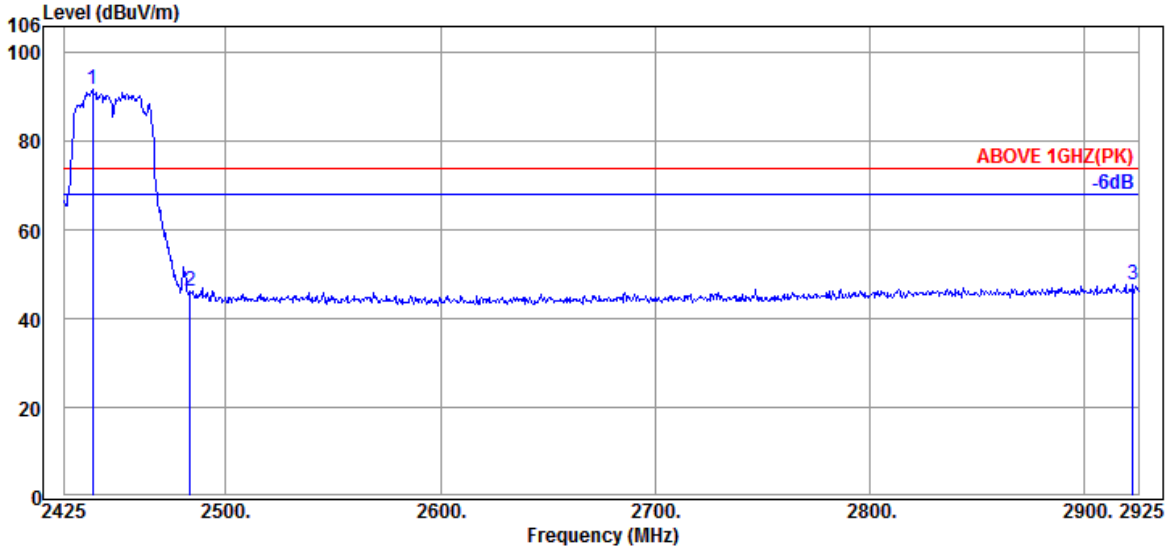
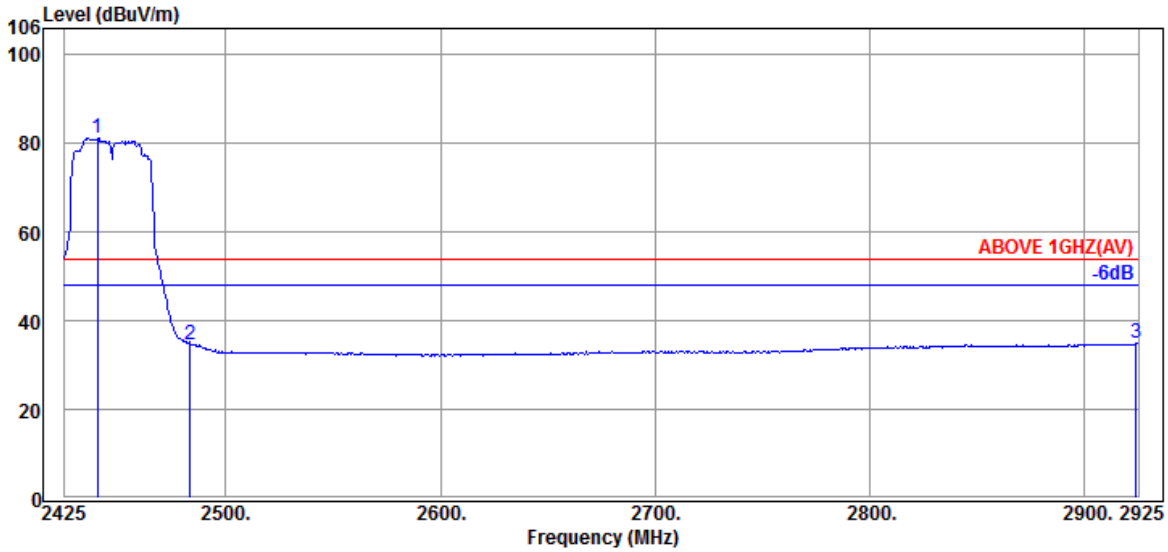
Mode	802.11n-HT40	Frequency	TX 2447MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2438.000	32.14	7.97	34.59	86.16	91.68	---	---	Peak
	2483.500	32.14	7.99	34.61	40.70	46.22	74.00	27.78	Peak
	2922.500	32.90	8.19	34.69	41.33	47.73	74.00	26.27	Peak



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2440.500	32.07	7.98	34.59	75.82	81.28	---	---	Average
	2483.500	32.14	7.99	34.61	29.26	34.78	54.00	19.22	Average
	2924.000	32.90	8.19	34.69	28.53	34.93	54.00	19.07	Average

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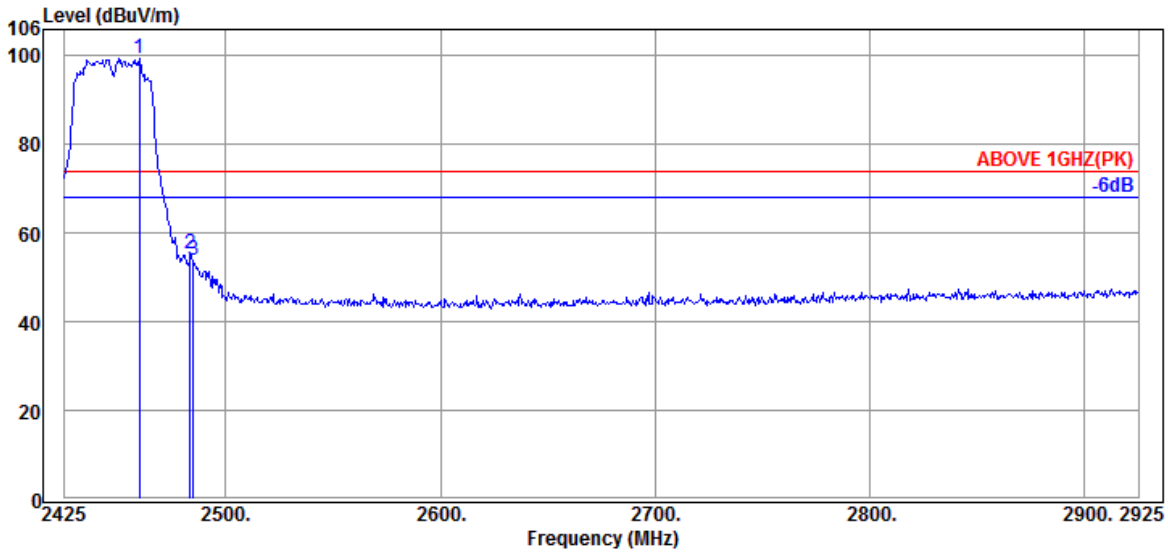
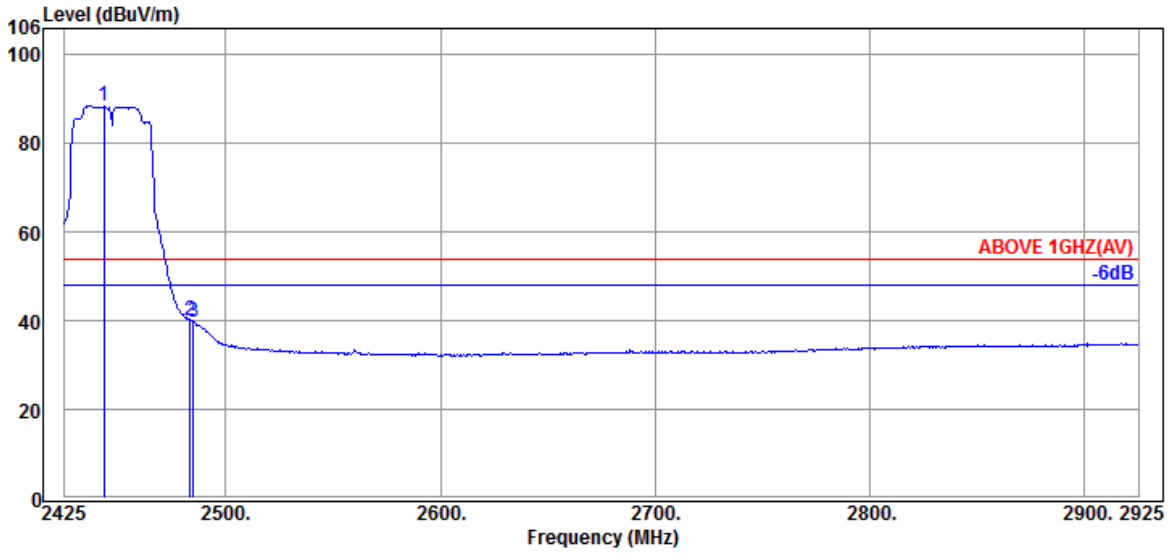
Mode	802.11n-HT40	Frequency	TX 2447MHz



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2460.000	32.03	7.98	34.60	94.01	99.42	---	---	Peak
	2483.500	32.14	7.99	34.61	49.76	55.28	74.00	18.72	Peak
	2485.000	32.14	7.99	34.61	48.28	53.80	74.00	20.20	Peak



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2443.500	32.07	7.98	34.60	83.02	88.47	---	---	Average
	2483.500	32.14	7.99	34.61	34.68	40.20	54.00	13.80	Average
	2485.000	32.14	7.99	34.61	34.15	39.67	54.00	14.33	Average

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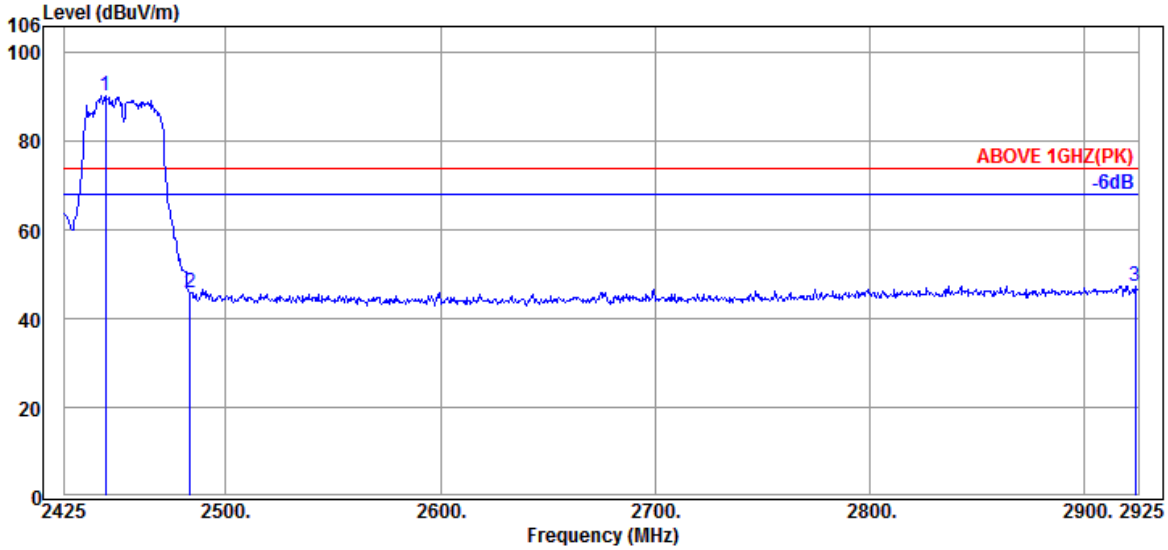
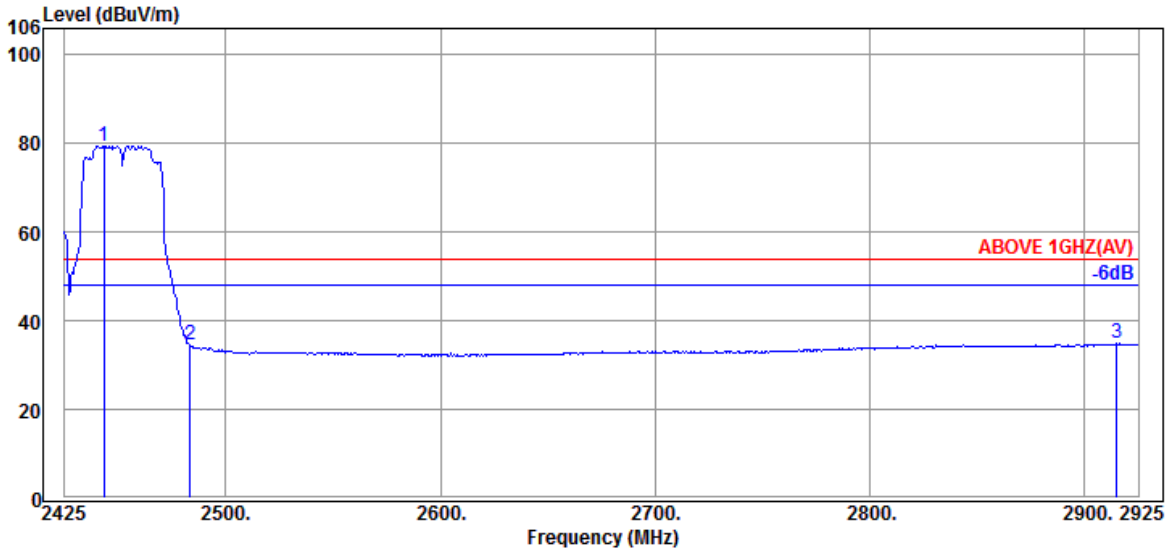
Mode	802.11n-HT40	Frequency	TX 2452MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2444.000	32.07	7.98	34.60	85.03	90.48	---	---	Peak
	2483.500	32.14	7.99	34.61	40.44	45.96	74.00	28.04	Peak
	2923.500	32.90	8.19	34.69	41.06	47.46	74.00	26.54	Peak



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2443.500	32.07	7.98	34.60	74.01	79.46	---	---	Average
	2483.500	32.14	7.99	34.61	29.19	34.71	54.00	19.29	Average
	2915.000	32.87	8.18	34.69	28.49	34.85	54.00	19.15	Average

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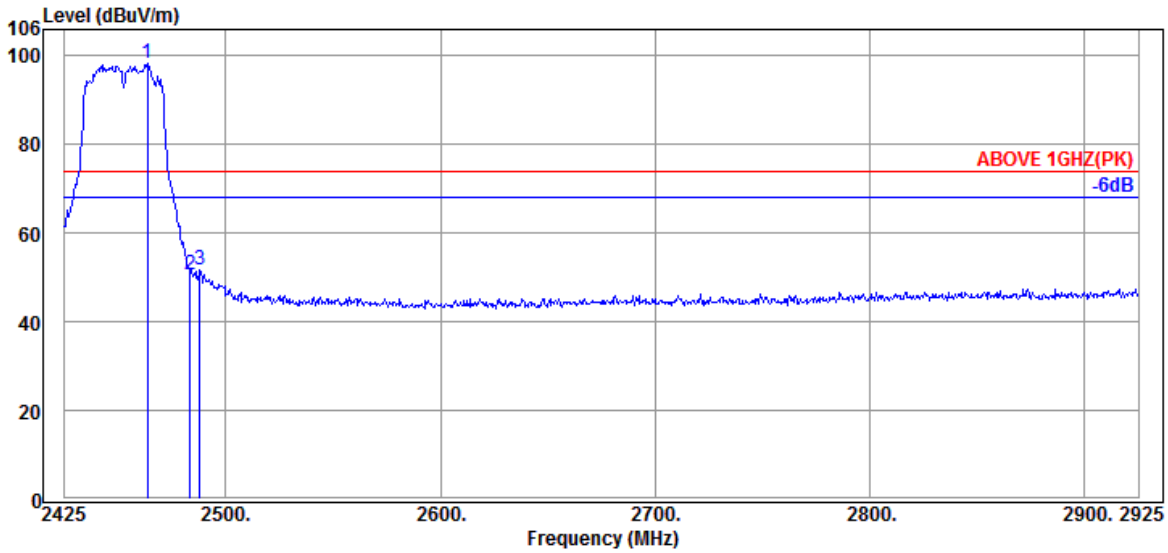
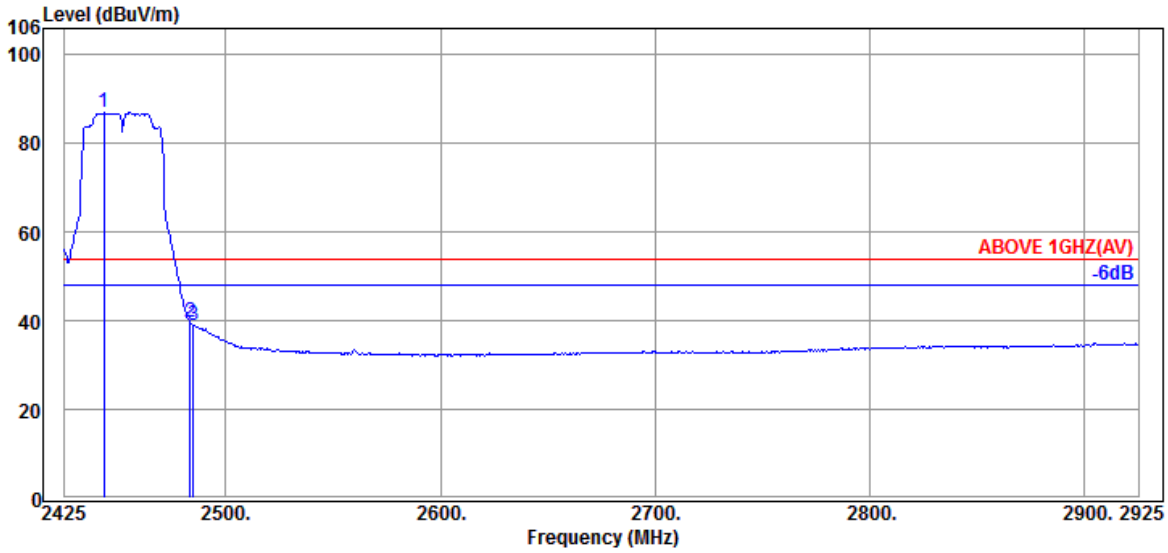
Mode	802.11n-HT40	Frequency	TX 2452MHz



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2463.500	32.06	7.98	34.60	92.77	98.21	---	---	Peak
	2483.500	32.14	7.99	34.61	45.11	50.63	74.00	23.37	Peak
	2488.000	32.14	8.00	34.61	46.09	51.62	74.00	22.38	Peak



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2443.500	32.07	7.98	34.60	81.63	87.08	---	---	Average
	2483.500	32.14	7.99	34.61	34.21	39.73	54.00	14.27	Average
	2485.000	32.14	7.99	34.61	33.43	38.95	54.00	15.05	Average

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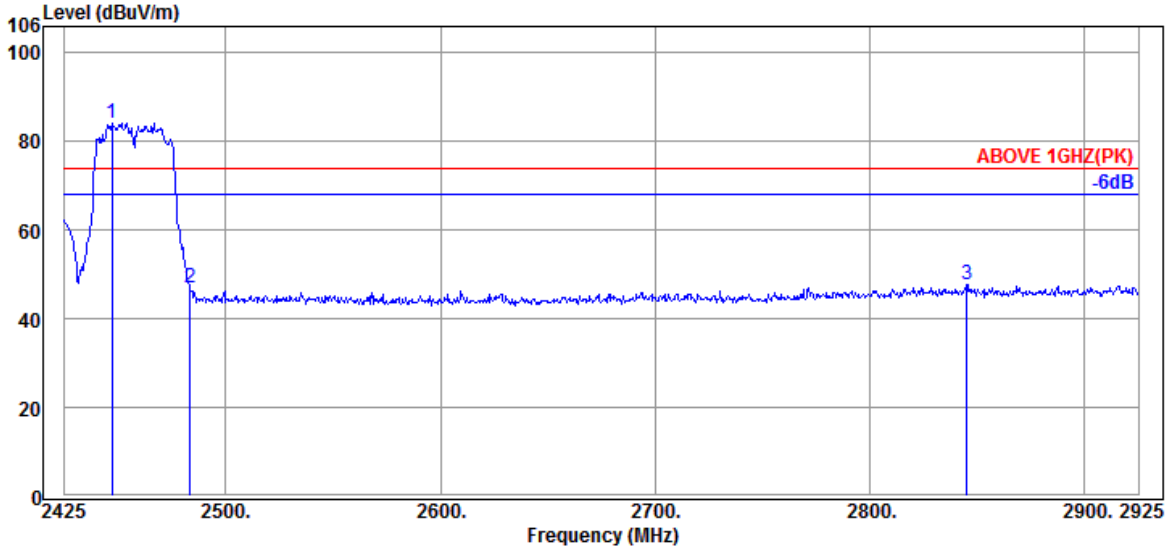
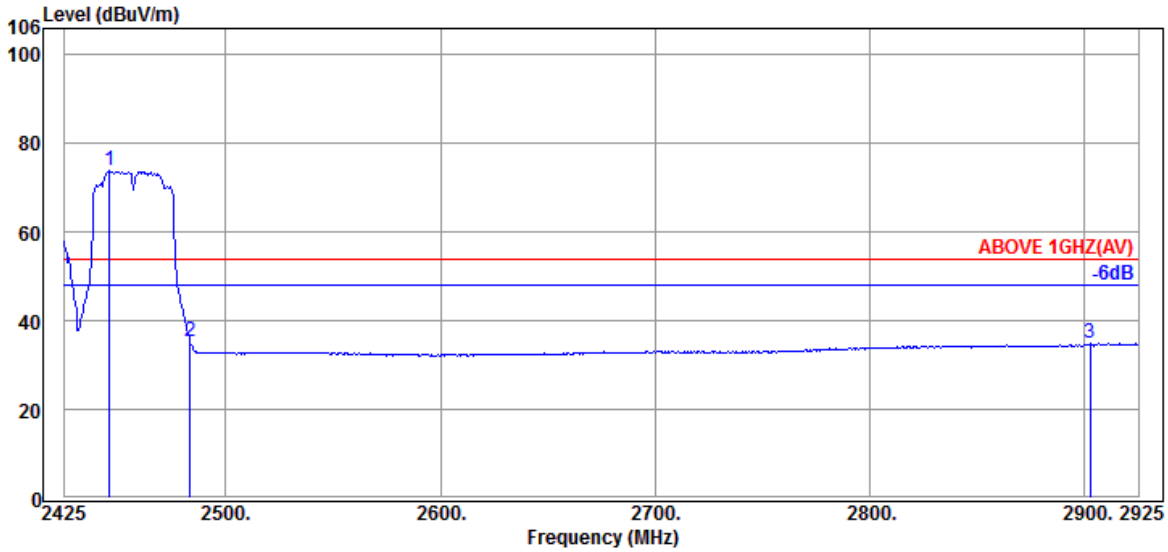
Mode	802.11n-HT40	Frequency	TX 2457MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2447.000	32.00	7.98	34.60	78.78	84.16	---	---	Peak
	2483.500	32.14	7.99	34.61	41.35	46.87	74.00	27.13	Peak
	2845.000	33.10	8.16	34.67	41.00	47.59	74.00	26.41	Peak



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2446.000	32.07	7.98	34.60	68.33	73.78	---	---	Average
	2483.500	32.14	7.99	34.61	29.96	35.48	54.00	18.52	Average
	2902.500	32.83	8.18	34.68	28.61	34.94	54.00	19.06	Average

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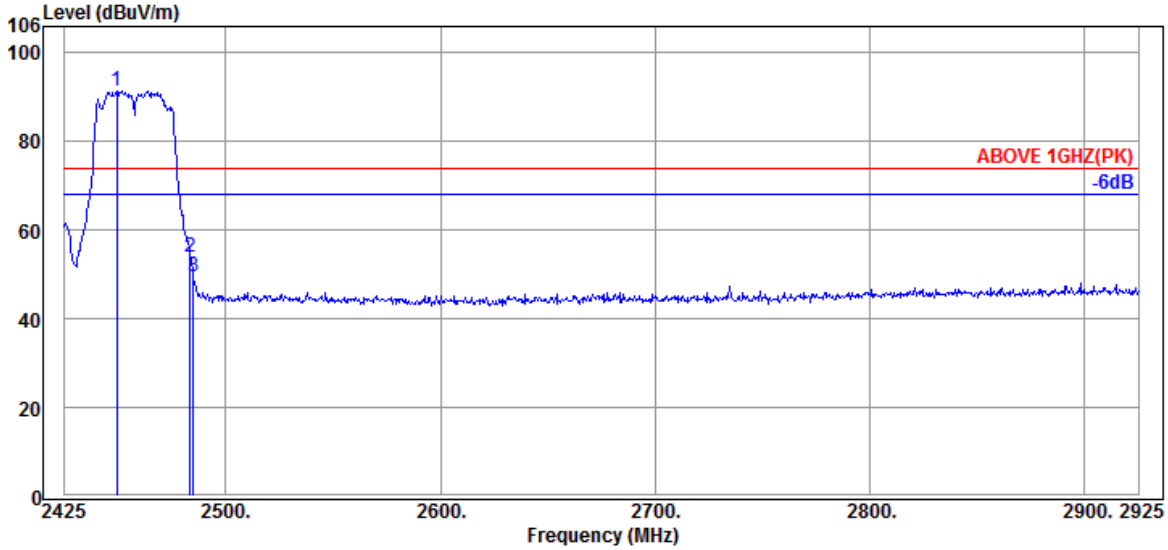
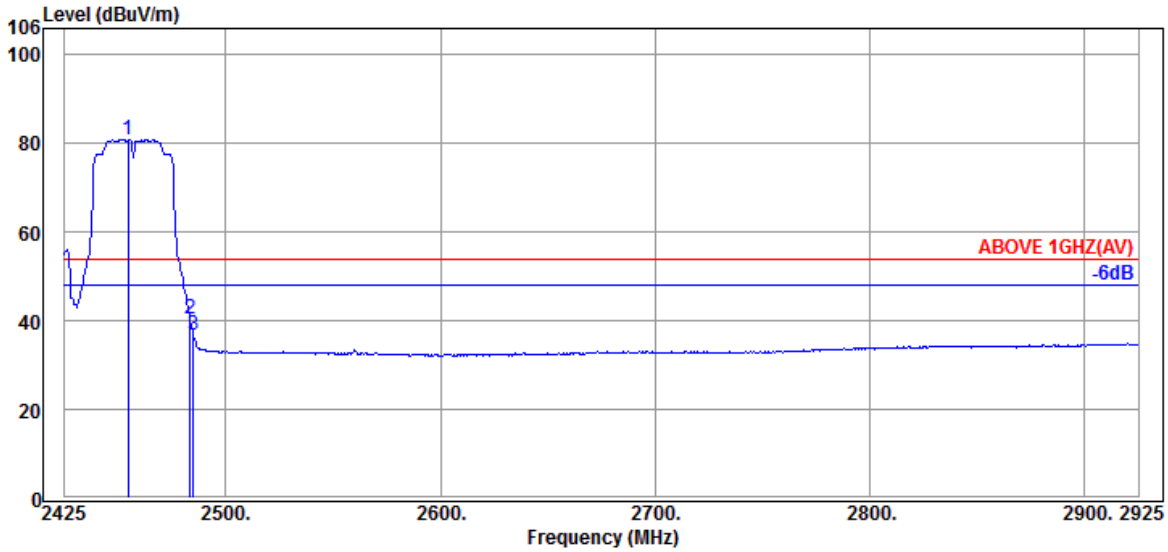
Mode	802.11n-HT40	Frequency	TX 2457MHz



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2449.500	32.00	7.98	34.60	86.19	91.57	---	---	Peak
	2483.500	32.14	7.99	34.61	48.43	53.95	74.00	20.05	Peak
	2485.000	32.14	7.99	34.61	44.01	49.53	74.00	24.47	Peak



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2454.500	32.03	7.98	34.60	75.53	80.94	---	---	Average
	2483.500	32.14	7.99	34.61	34.75	40.27	54.00	13.73	Average
	2485.000	32.14	7.99	34.61	31.18	36.70	54.00	17.30	Average

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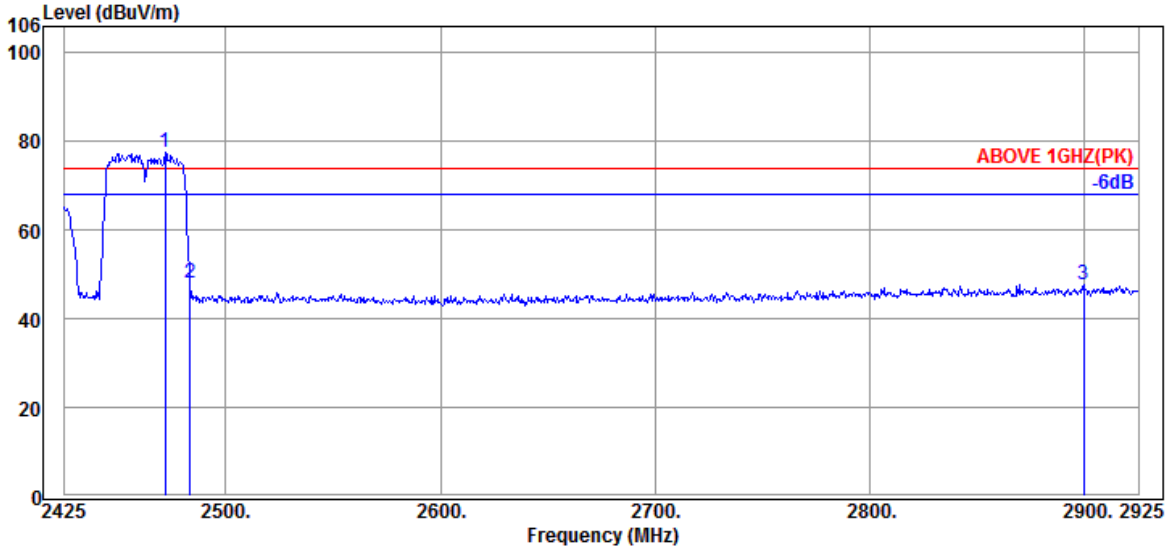
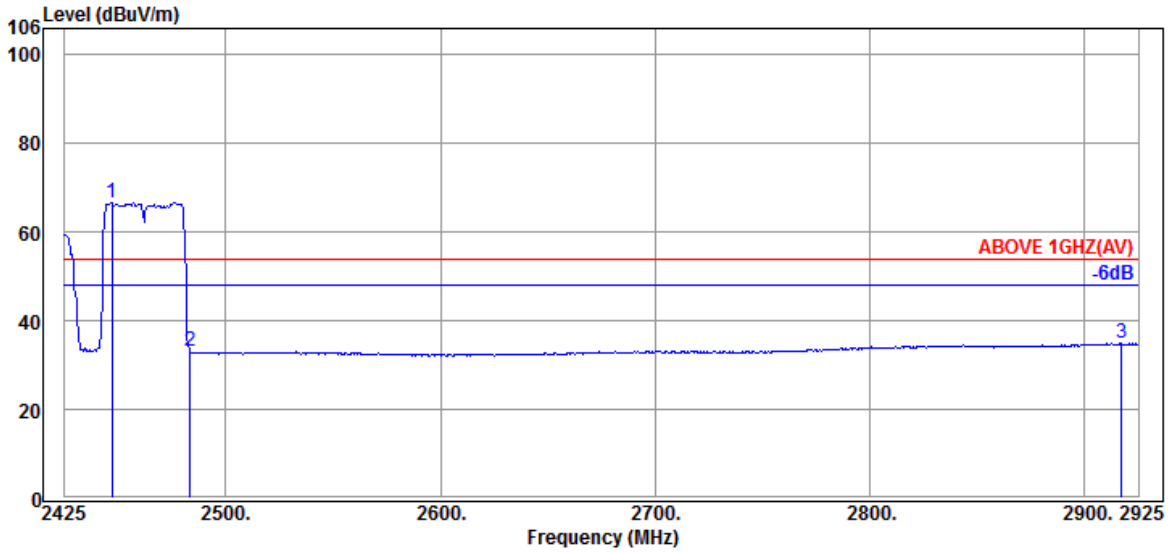
Mode	802.11n-HT40	Frequency	TX 2462MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2472.000	32.09	7.99	34.60	72.08	77.56	---	---	Peak
	2483.500	32.14	7.99	34.61	42.64	48.16	74.00	25.84	Peak
	2899.500	32.80	8.18	34.68	41.29	47.59	74.00	26.41	Peak



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2447.000	32.00	7.98	34.60	61.28	66.66	---	---	Average
	2483.500	32.14	7.99	34.61	27.48	33.00	54.00	21.00	Average
	2917.000	32.87	8.19	34.69	28.61	34.98	54.00	19.02	Average

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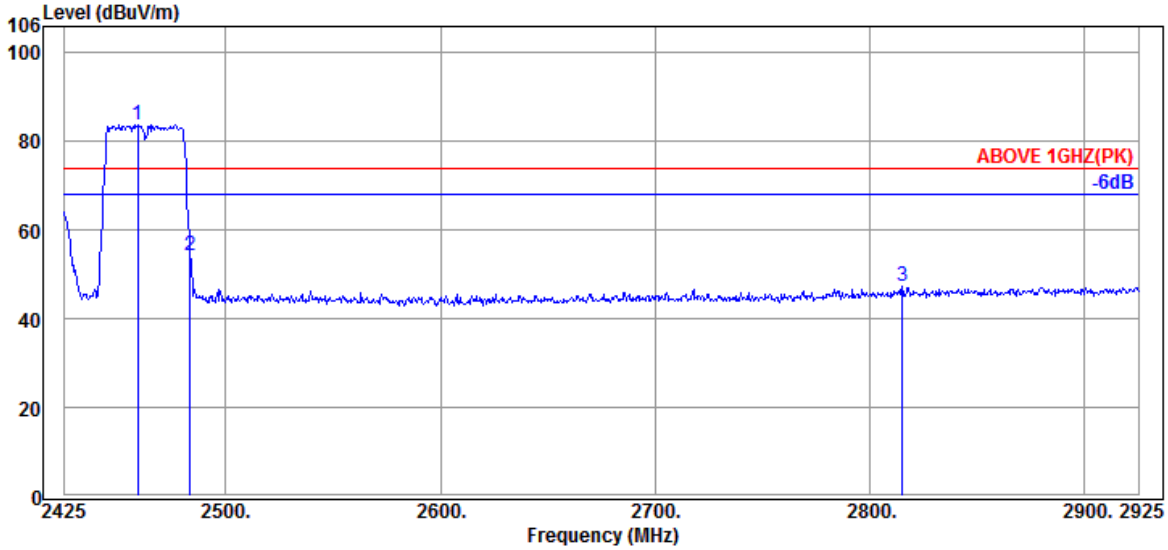
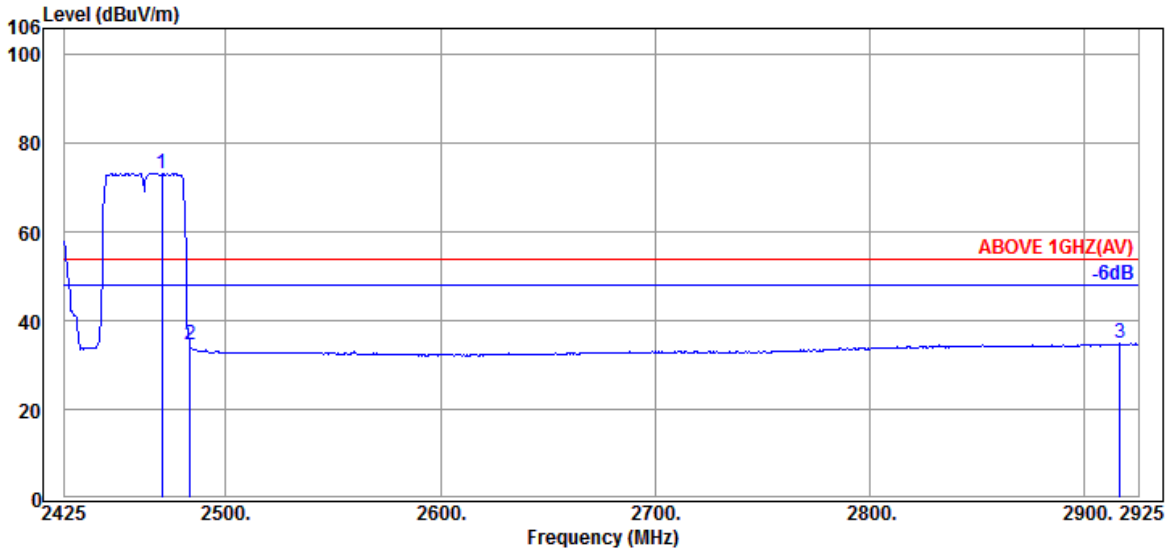
Mode	802.11n-HT40	Frequency	TX 2462MHz



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2459.000	32.03	7.98	34.60	78.55	83.96	---	---	Peak
	2483.500	32.14	7.99	34.61	48.60	54.12	74.00	19.88	Peak
	2815.000	32.77	8.14	34.67	41.20	47.44	74.00	26.56	Peak



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2470.500	32.09	7.99	34.60	67.89	73.37	---	---	Average
	2483.500	32.14	7.99	34.61	29.10	34.62	54.00	19.38	Average
	2916.500	32.87	8.18	34.69	28.53	34.89	54.00	19.11	Average

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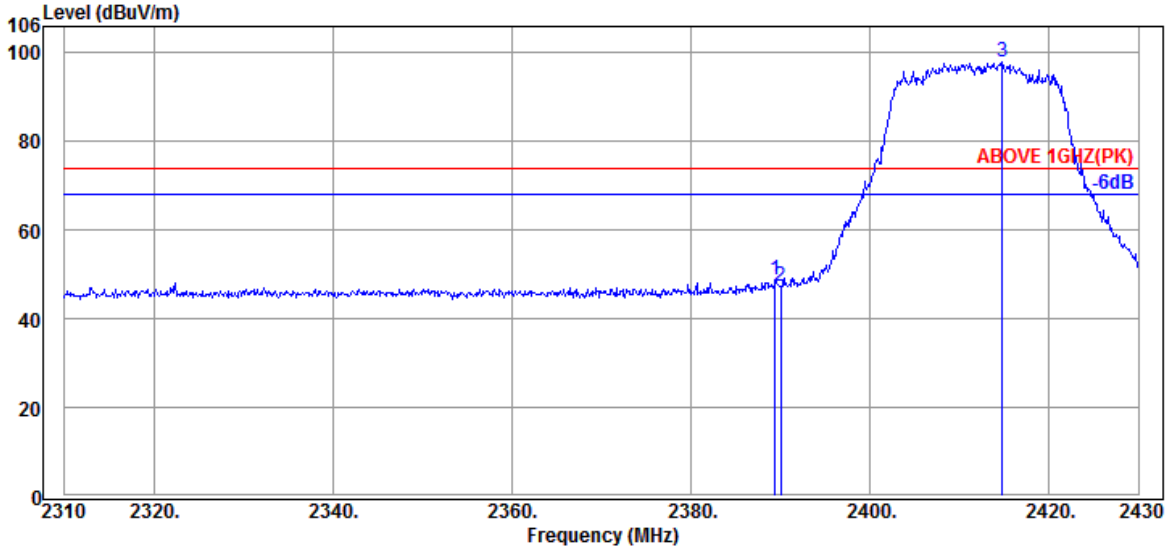
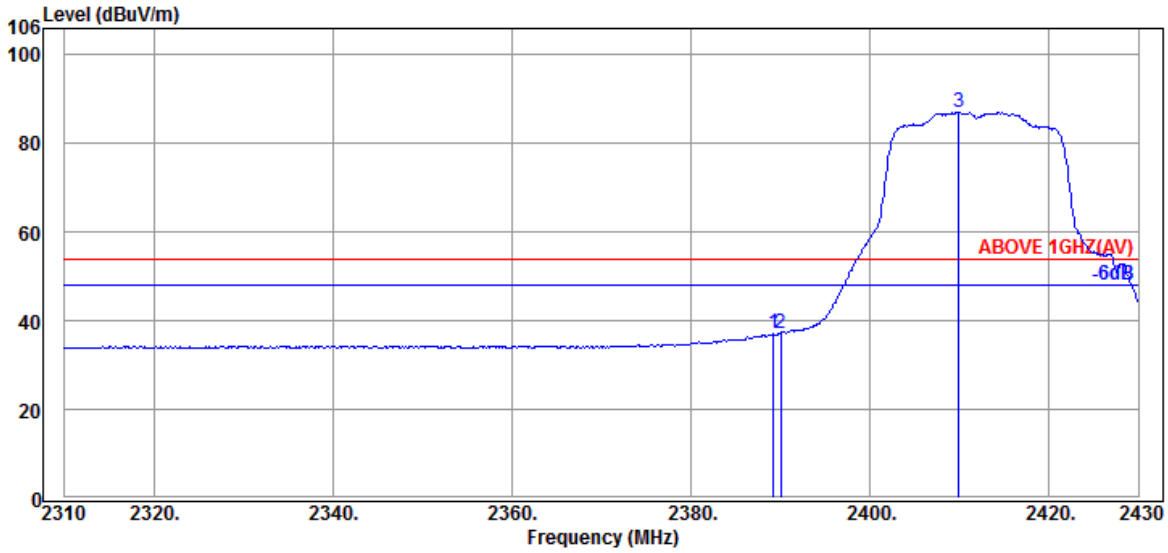
Mode	802.11ax-HE20	Frequency	TX 2412MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
	2389.440	32.44	7.95	34.58	43.10	48.91	74.00	25.09	Peak
	2390.040	32.44	7.95	34.58	41.69	47.50	74.00	26.50	Peak
@	2414.760	32.36	7.96	34.59	92.34	98.07	---	---	Peak



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
	2389.200	32.44	7.95	34.58	31.21	37.02	54.00	16.98	Average
	2390.040	32.44	7.95	34.58	31.52	37.33	54.00	16.67	Average
@	2409.960	32.43	7.96	34.59	81.41	87.21	---	---	Average

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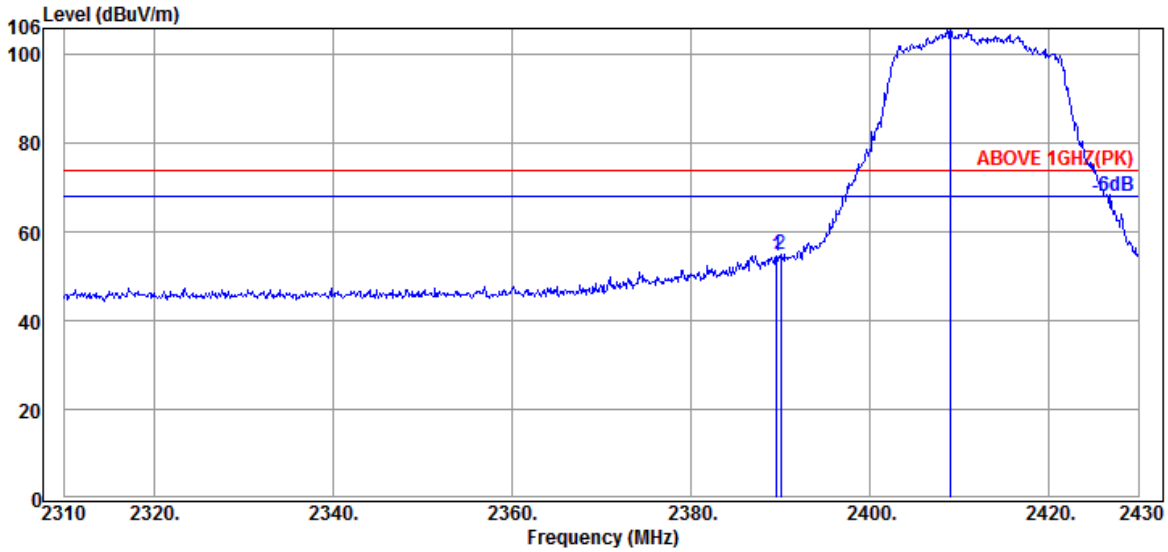
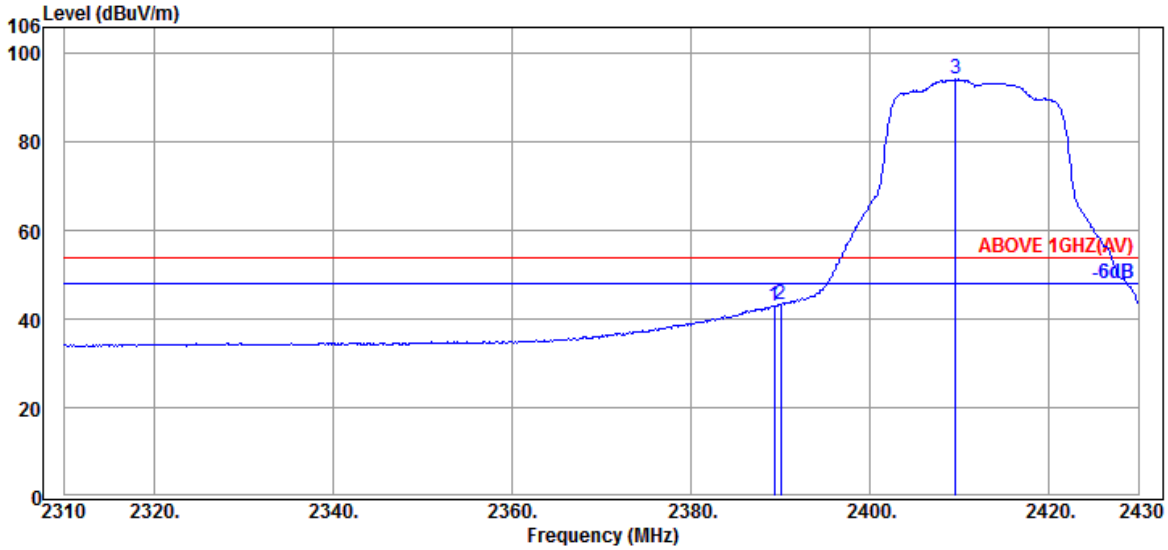
Mode	802.11ax-HE20	Frequency	TX 2412MHz



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
	2389.560	32.44	7.95	34.58	48.94	54.75	74.00	19.25	Peak
	2390.040	32.44	7.95	34.58	49.19	55.00	74.00	19.00	Peak
@	2409.000	32.43	7.96	34.59	101.20	107.00	---	---	Peak



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
	2389.320	32.44	7.95	34.58	37.22	43.03	54.00	10.97	Average
	2390.040	32.44	7.95	34.58	37.63	43.44	54.00	10.56	Average
@	2409.600	32.43	7.96	34.59	88.44	94.24	---	---	Average

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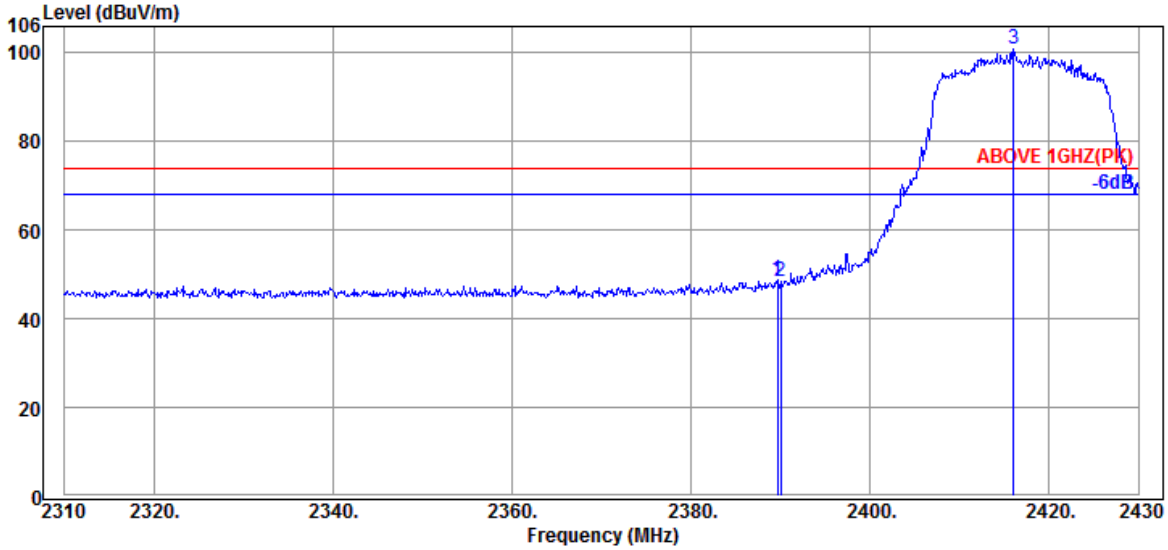
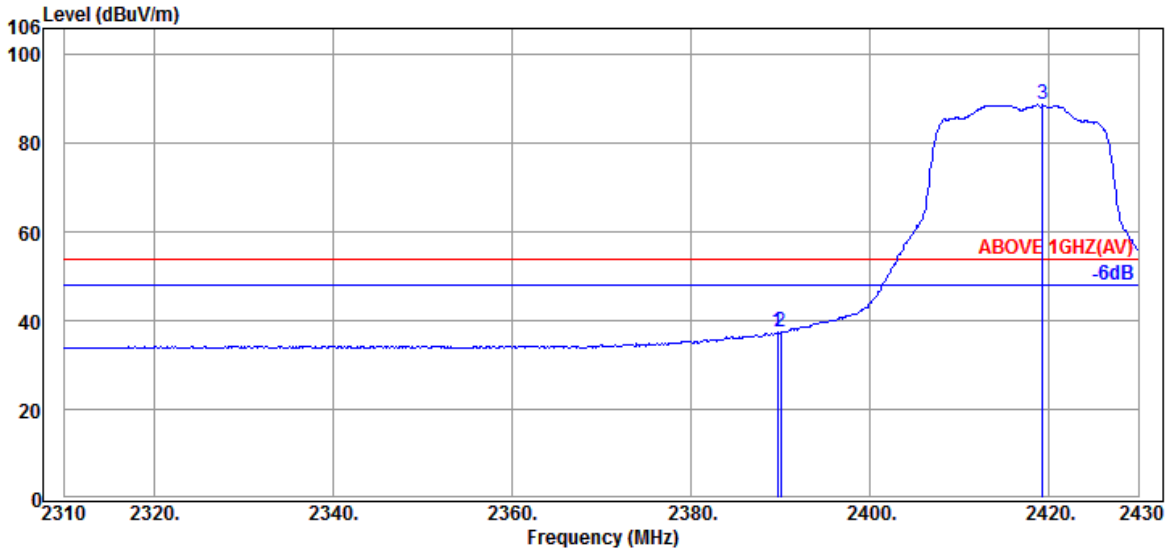
Mode	802.11ax-HE20	Frequency	TX 2417MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
	2389.680	32.44	7.95	34.58	42.89	48.70	74.00	25.30	Peak
	2390.040	32.44	7.95	34.58	42.50	48.31	74.00	25.69	Peak
@	2416.080	32.36	7.96	34.59	95.09	100.82	---	---	Peak



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
	2389.680	32.44	7.95	34.58	31.69	37.50	54.00	16.50	Average
	2390.040	32.44	7.95	34.58	31.83	37.64	54.00	16.36	Average
@	2419.320	32.29	7.96	34.59	83.06	88.72	---	---	Average

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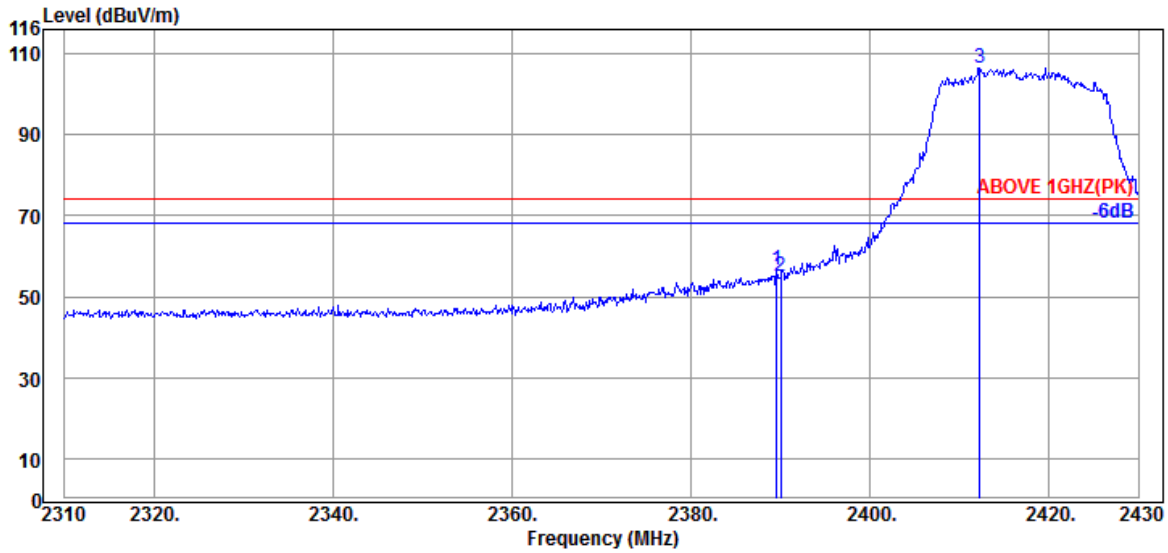
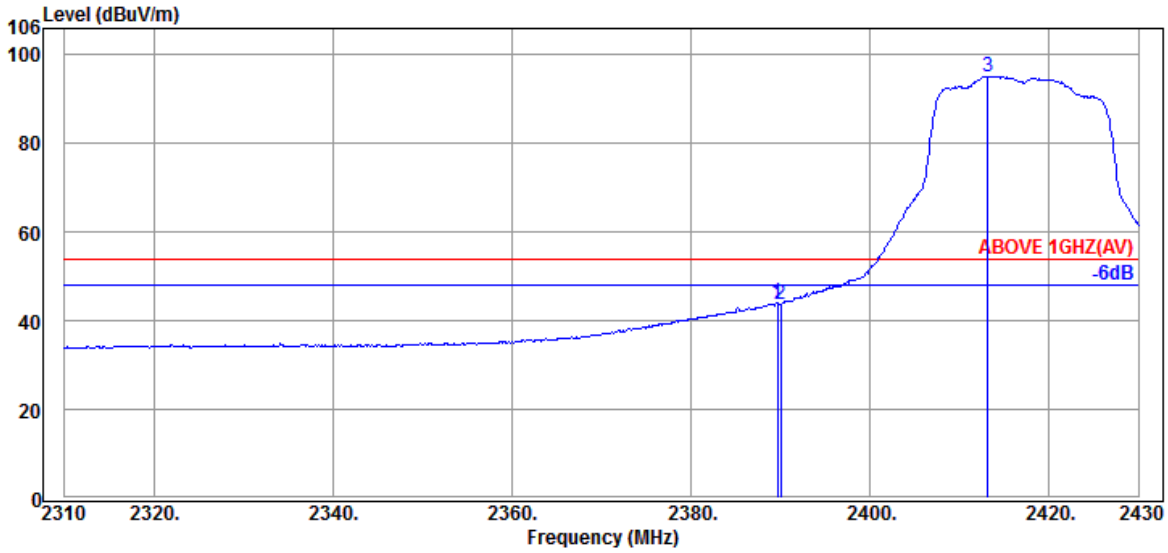
Mode	802.11ax-HE20	Frequency	TX 2417MHz



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
	2389.560	32.44	7.95	34.58	50.73	56.54	74.00	17.46	Peak
	2390.040	32.44	7.95	34.58	49.12	54.93	74.00	19.07	Peak
@	2412.240	32.36	7.96	34.59	100.59	106.32	---	---	Peak



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
	2389.680	32.44	7.95	34.58	38.27	44.08	54.00	9.92	Average
	2390.040	32.44	7.95	34.58	37.90	43.71	54.00	10.29	Average
@	2413.200	32.36	7.96	34.59	89.43	95.16	---	---	Average

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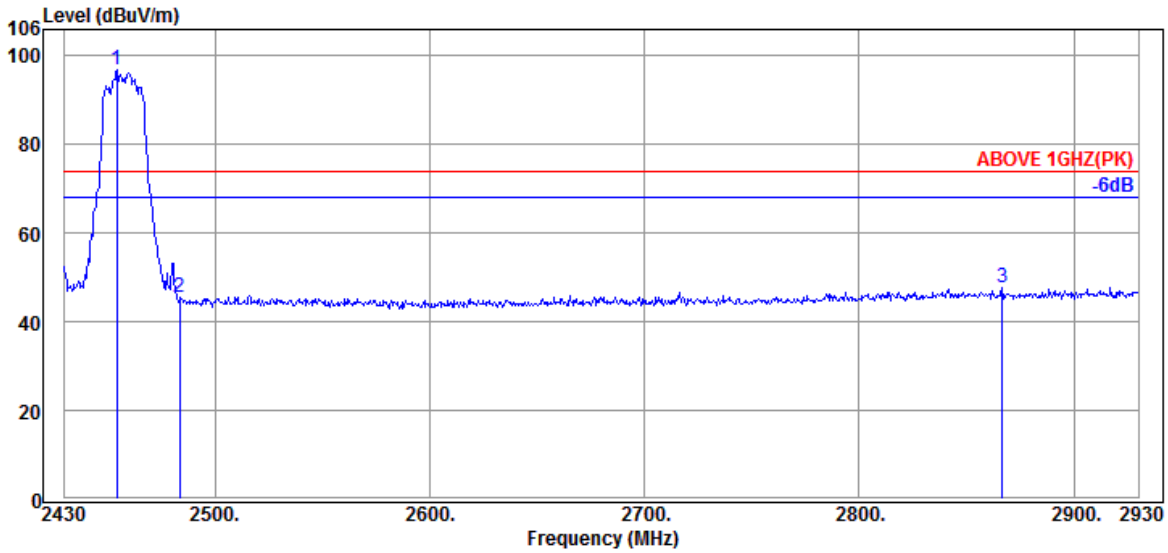
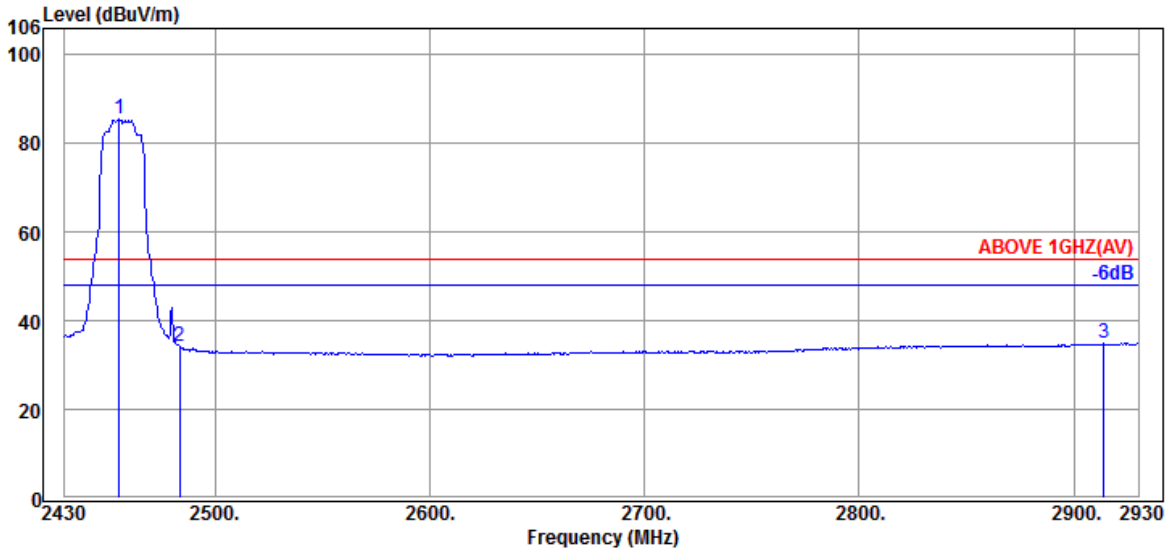
Mode	802.11ax-HE20	Frequency	TX 2457MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2454.500	32.03	7.98	34.60	91.58	96.99	---	---	Peak
	2483.500	32.14	7.99	34.61	40.01	45.53	74.00	28.47	Peak
	2866.500	33.00	8.17	34.68	41.39	47.88	74.00	26.12	Peak



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2455.500	32.03	7.98	34.60	80.04	85.45	---	---	Average
	2483.500	32.14	7.99	34.61	28.68	34.20	54.00	19.80	Average
	2914.000	32.87	8.18	34.69	28.65	35.01	54.00	18.99	Average

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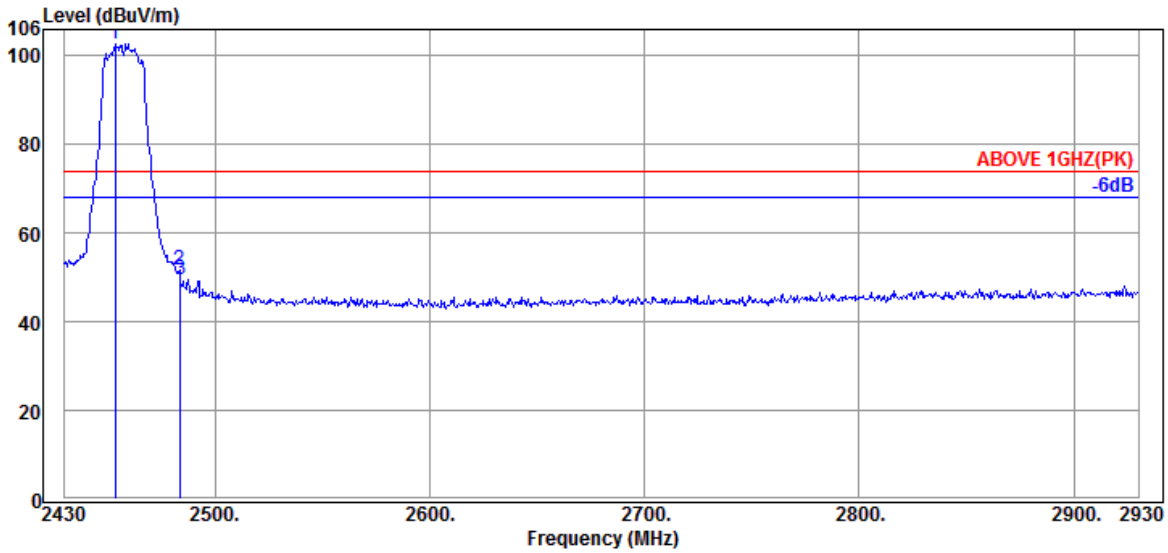
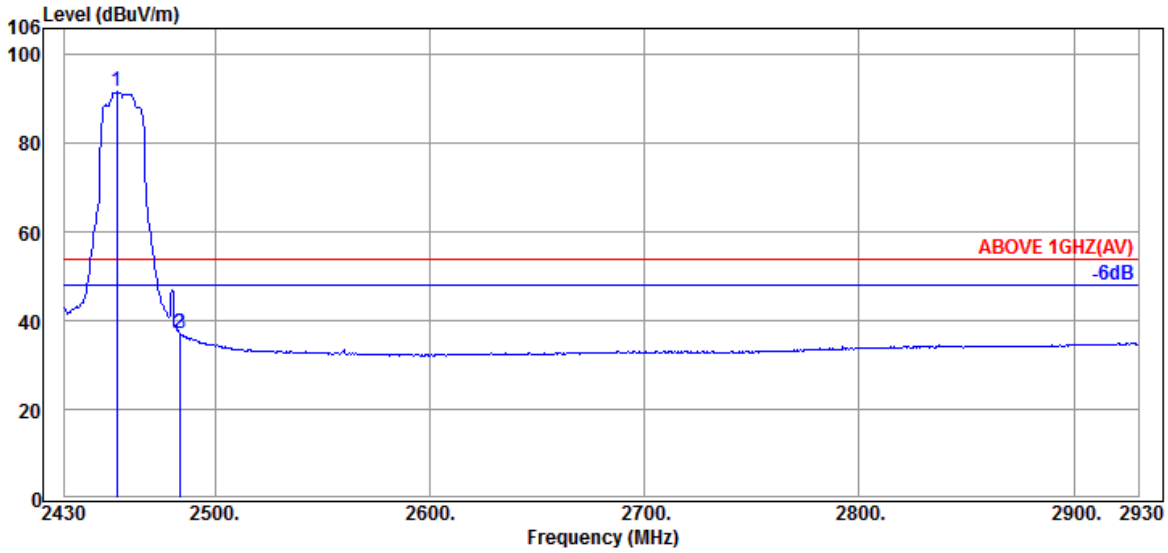
Mode	802.11ax-HE20	Frequency	TX 2457MHz



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2453.500	32.03	7.98	34.60	97.33	102.74	---	---	Peak
	2483.500	32.14	7.99	34.61	46.06	51.58	74.00	22.42	Peak
	2484.000	32.14	7.99	34.61	44.02	49.54	74.00	24.46	Peak



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2454.500	32.03	7.98	34.60	86.30	91.71	---	---	Average
	2483.500	32.14	7.99	34.61	31.80	37.32	54.00	16.68	Average
	2484.000	32.14	7.99	34.61	31.71	37.23	54.00	16.77	Average

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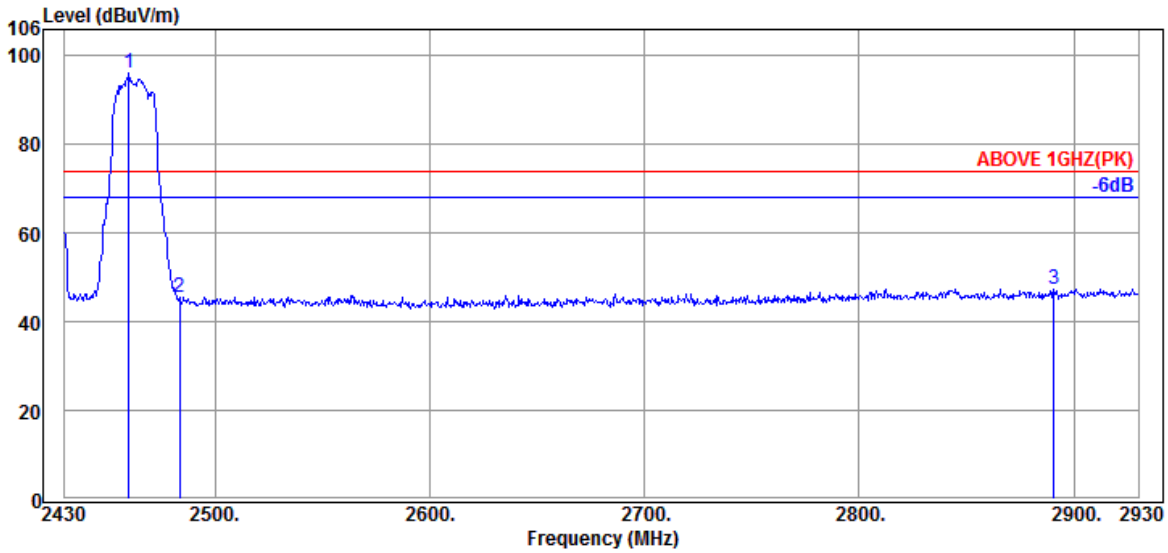
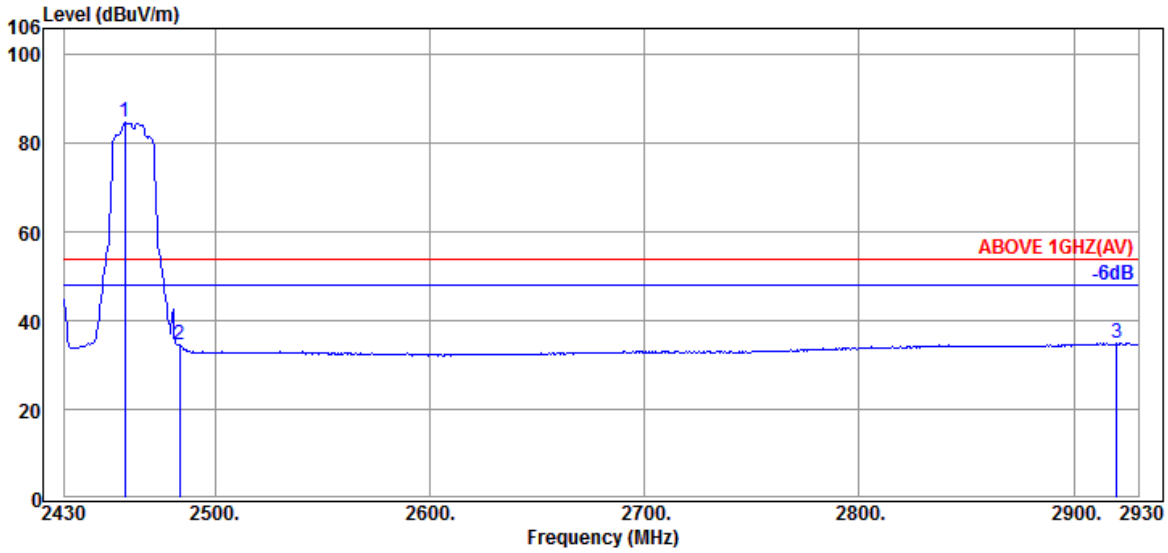
Mode	802.11ax-HE20	Frequency	TX 2462MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2460.000	32.03	7.98	34.60	90.61	96.02	---	---	Peak
	2483.500	32.14	7.99	34.61	39.90	45.42	74.00	28.58	Peak
	2890.500	32.85	8.17	34.68	41.17	47.51	74.00	26.49	Peak



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2458.000	32.03	7.98	34.60	79.51	84.92	---	---	Average
	2483.500	32.14	7.99	34.61	29.04	34.56	54.00	19.44	Average
	2920.000	32.90	8.19	34.69	28.55	34.95	54.00	19.05	Average

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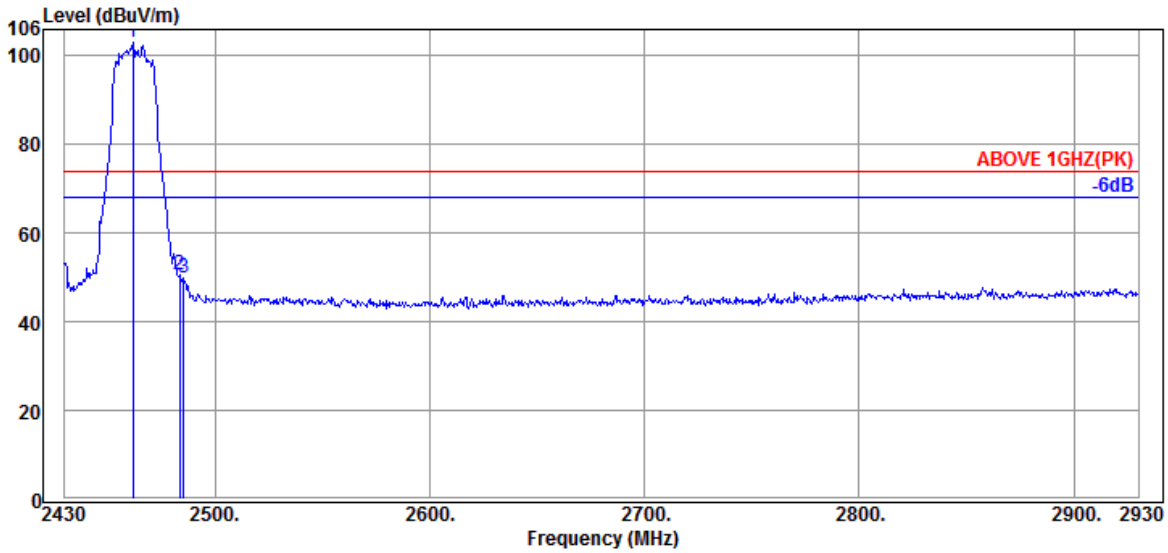
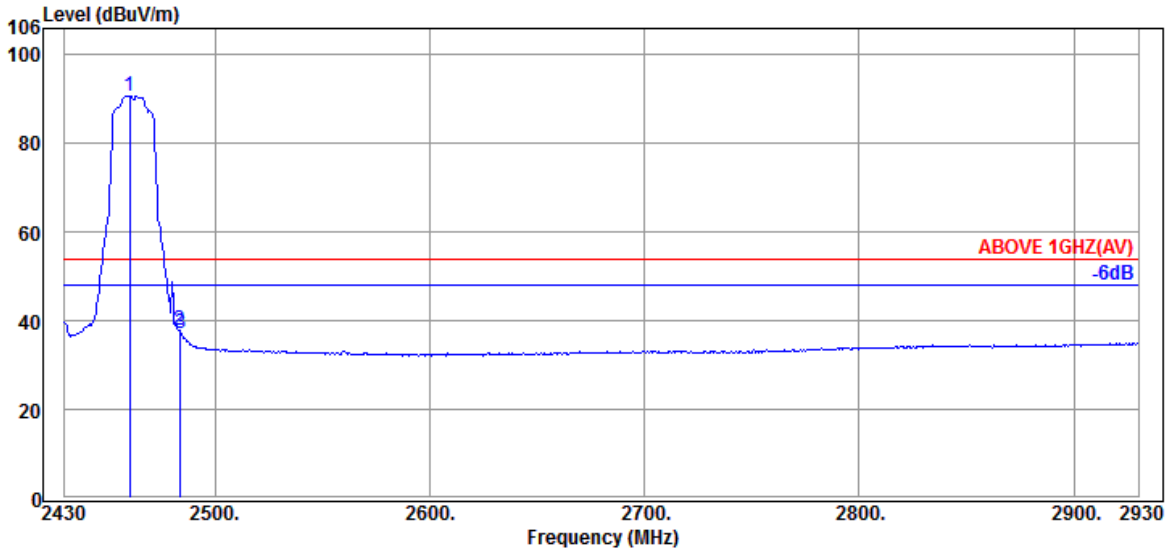
Mode	802.11ax-HE20	Frequency	TX 2462MHz



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2462.000	32.06	7.98	34.60	97.49	102.93	---	---	Peak
	2483.500	32.14	7.99	34.61	44.95	50.47	74.00	23.53	Peak
	2485.500	32.14	7.99	34.61	44.26	49.78	74.00	24.22	Peak



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2460.500	32.06	7.98	34.60	85.29	90.73	---	---	Average
	2483.500	32.14	7.99	34.61	32.25	37.77	54.00	16.23	Average
	2484.000	32.14	7.99	34.61	31.74	37.26	54.00	16.74	Average

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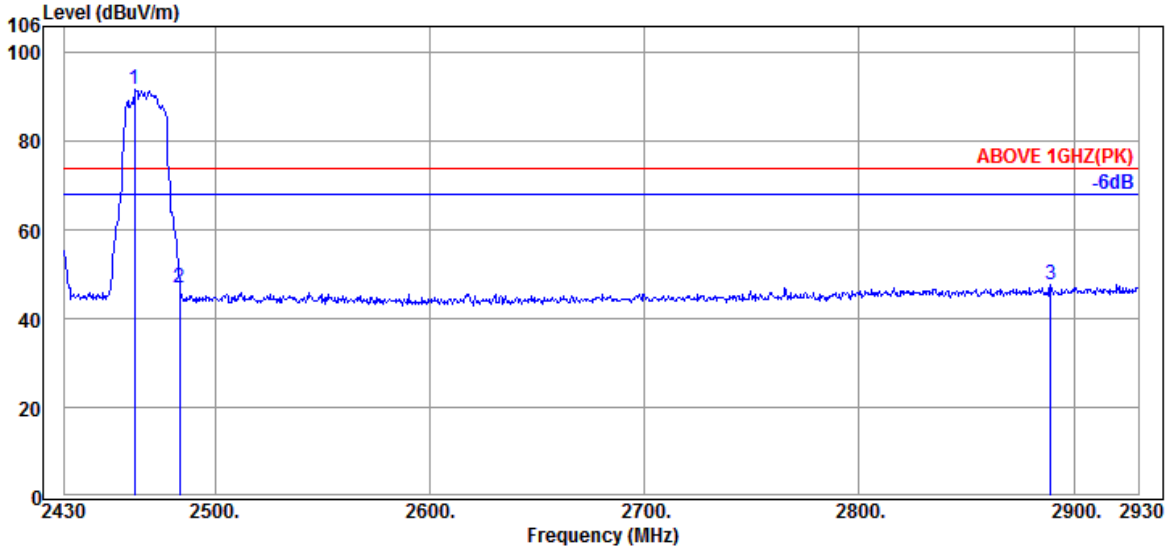
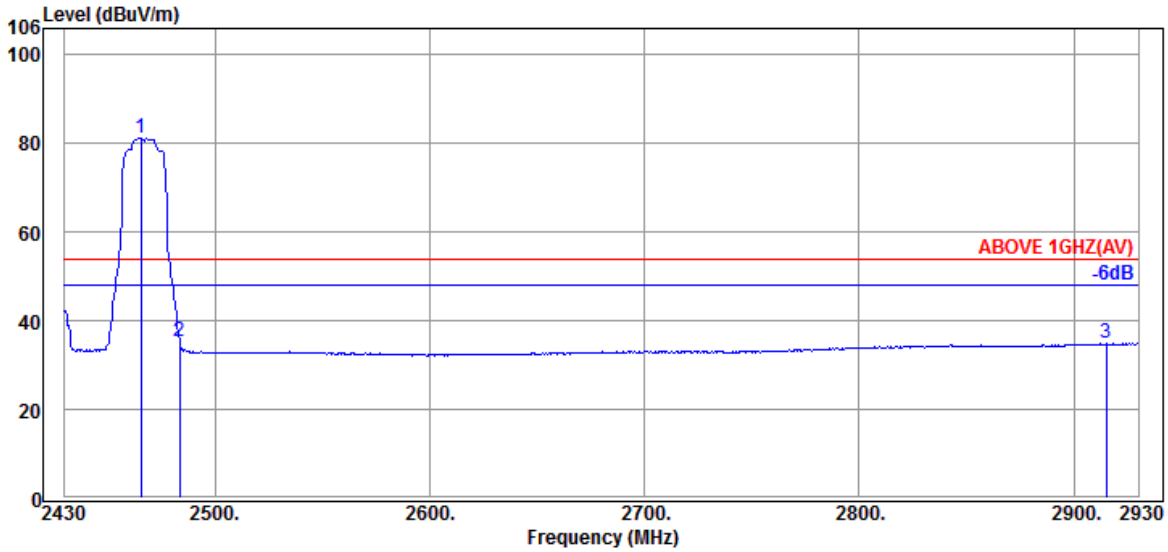
Mode	802.11ax-HE20	Frequency	TX 2467MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2462.500	32.06	7.98	34.60	86.34	91.78	---	---	Peak
	2483.500	32.14	7.99	34.61	41.43	46.95	74.00	27.05	Peak
	2889.000	32.85	8.17	34.68	41.32	47.66	74.00	26.34	Peak



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2465.500	32.06	7.98	34.60	75.82	81.26	---	---	Average
	2483.500	32.14	7.99	34.61	29.87	35.39	54.00	18.61	Average
	2915.000	32.87	8.18	34.69	28.56	34.92	54.00	19.08	Average

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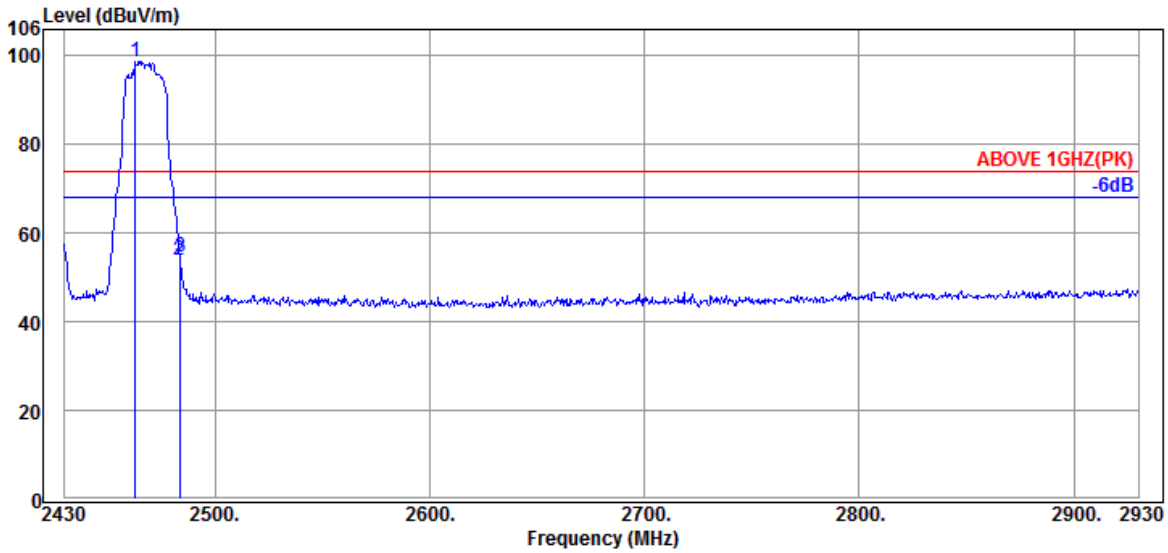
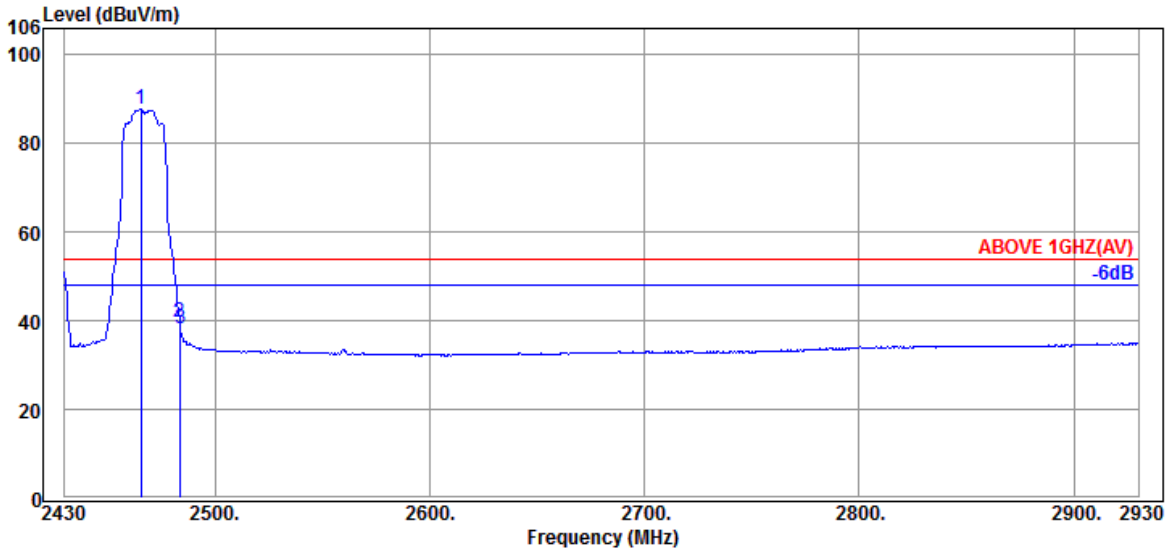
Mode	802.11ax-HE20	Frequency	TX 2467MHz



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2463.000	32.06	7.98	34.60	93.41	98.85	---	---	Peak
	2483.500	32.14	7.99	34.61	48.46	53.98	74.00	20.02	Peak
	2484.000	32.14	7.99	34.61	49.05	54.57	74.00	19.43	Peak



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2465.500	32.06	7.98	34.60	82.26	87.70	---	---	Average
	2483.500	32.14	7.99	34.61	34.28	39.80	54.00	14.20	Average
	2484.000	32.14	7.99	34.61	32.71	38.23	54.00	15.77	Average

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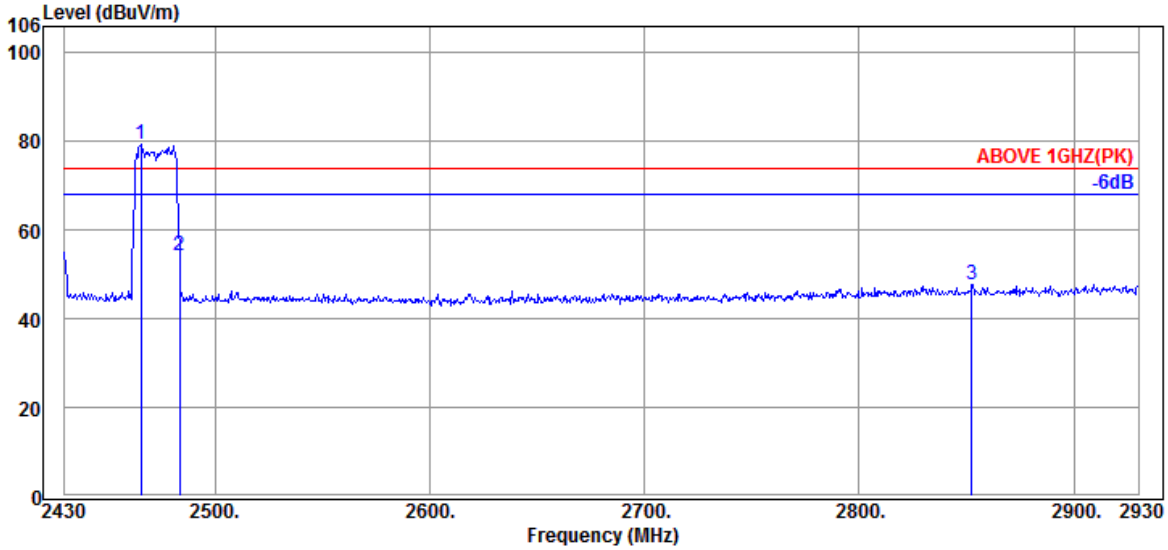
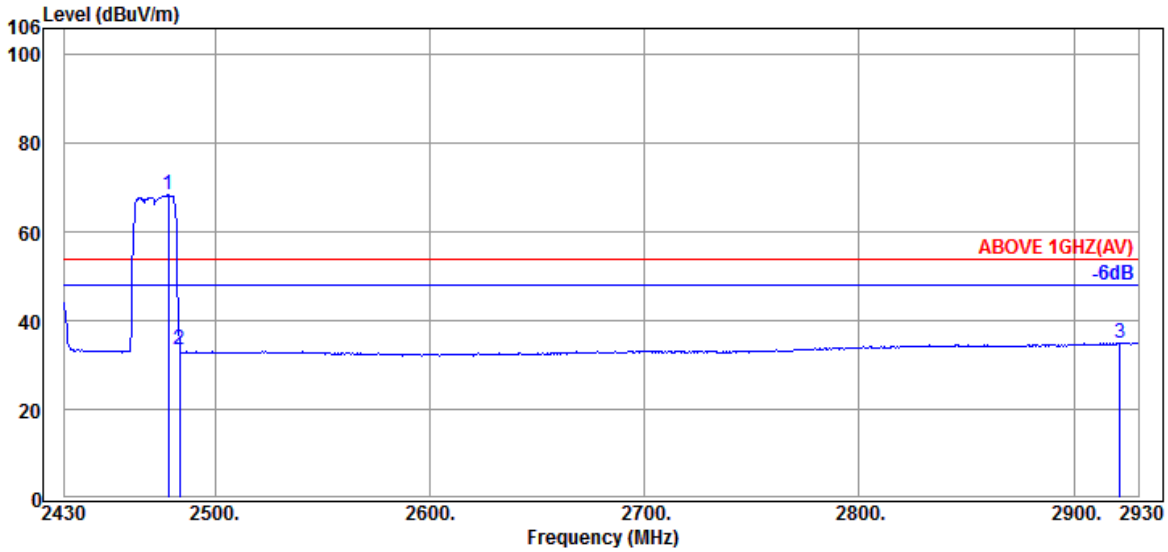
Mode	802.11ax-HE20	Frequency	TX 2472MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2465.500	32.06	7.98	34.60	73.98	79.42	---	---	Peak
	2483.500	32.14	7.99	34.61	48.87	54.39	74.00	19.61	Peak
	2852.500	33.05	8.16	34.68	41.36	47.89	74.00	26.11	Peak



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2478.500	32.11	7.99	34.60	62.89	68.39	---	---	Average
	2483.500	32.14	7.99	34.61	28.06	33.58	54.00	20.42	Average
	2921.500	32.90	8.19	34.69	28.59	34.99	54.00	19.01	Average

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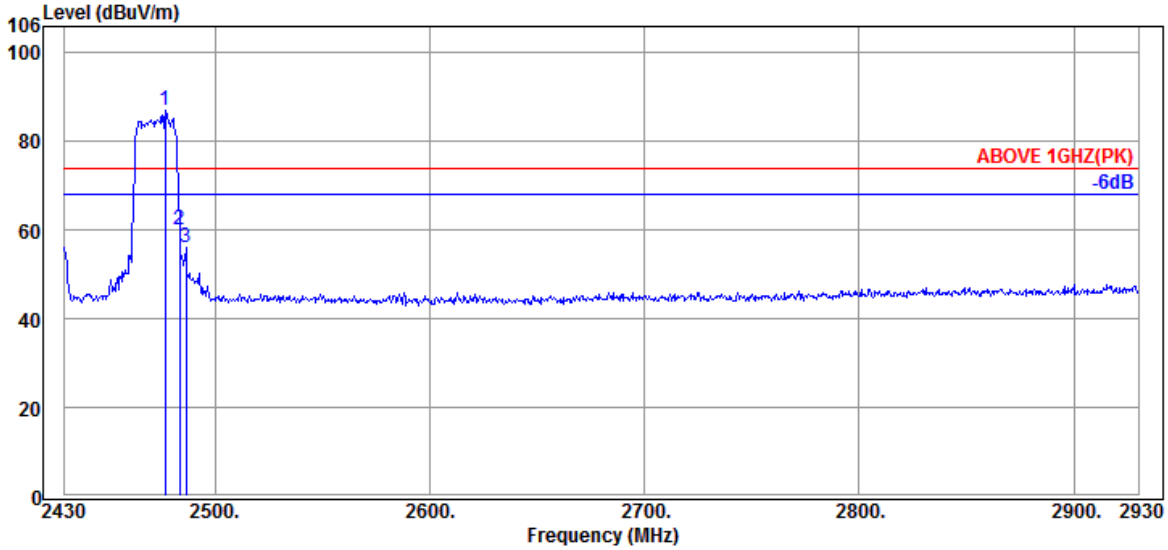
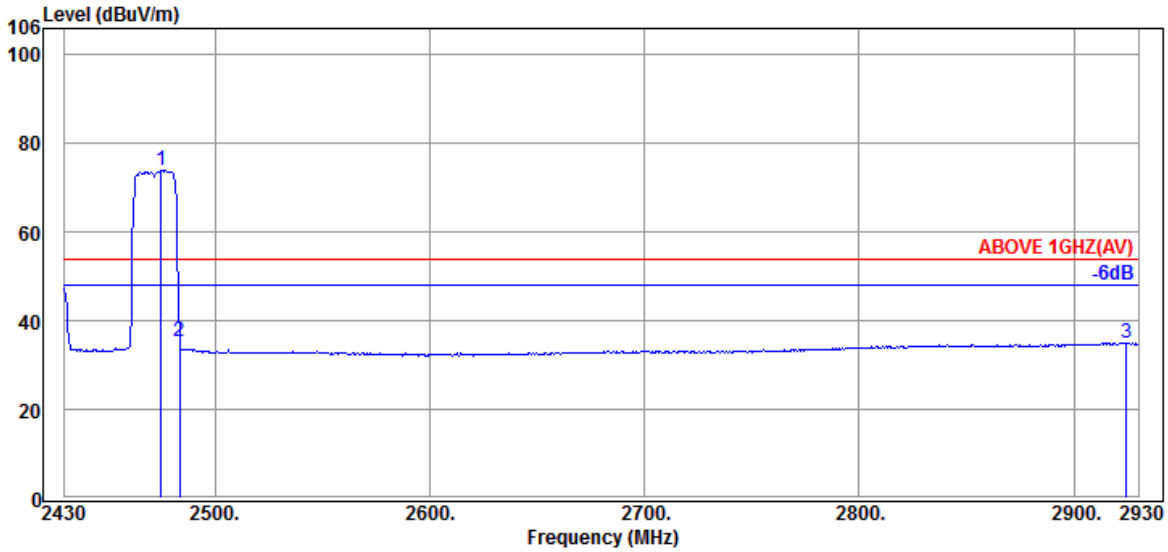
Mode	802.11ax-HE20	Frequency	TX 2472MHz



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2477.000	32.11	7.99	34.60	81.44	86.94	---	---	Peak
	2483.500	32.14	7.99	34.61	54.61	60.13	74.00	13.87	Peak
	2486.500	32.14	8.00	34.61	50.41	55.94	74.00	18.06	Peak



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2475.000	32.11	7.99	34.60	68.40	73.90	---	---	Average
	2483.500	32.14	7.99	34.61	29.76	35.28	54.00	18.72	Average
	2924.500	32.90	8.19	34.69	28.67	35.07	54.00	18.93	Average

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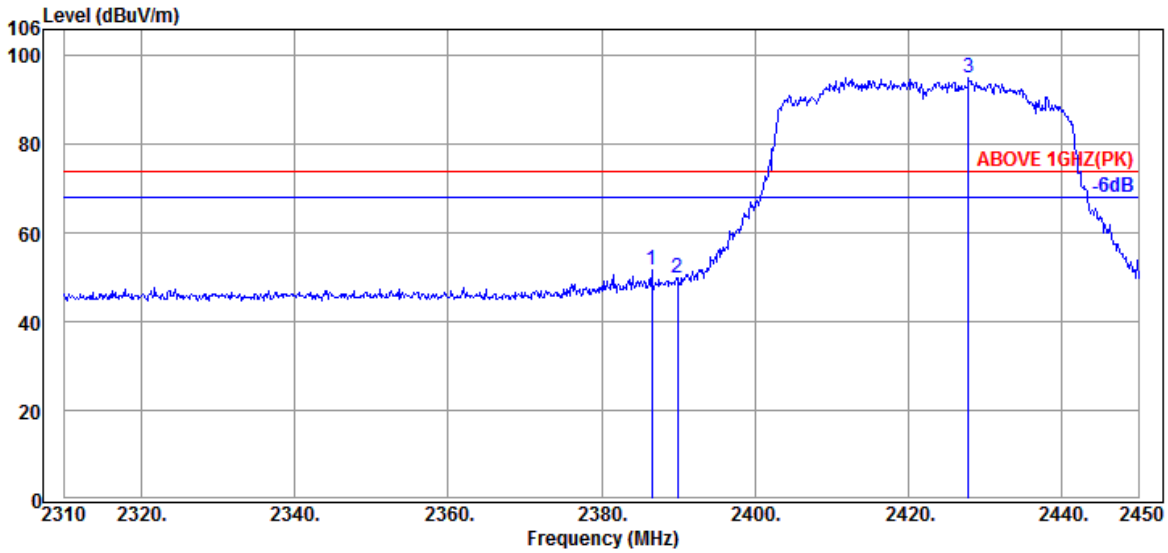
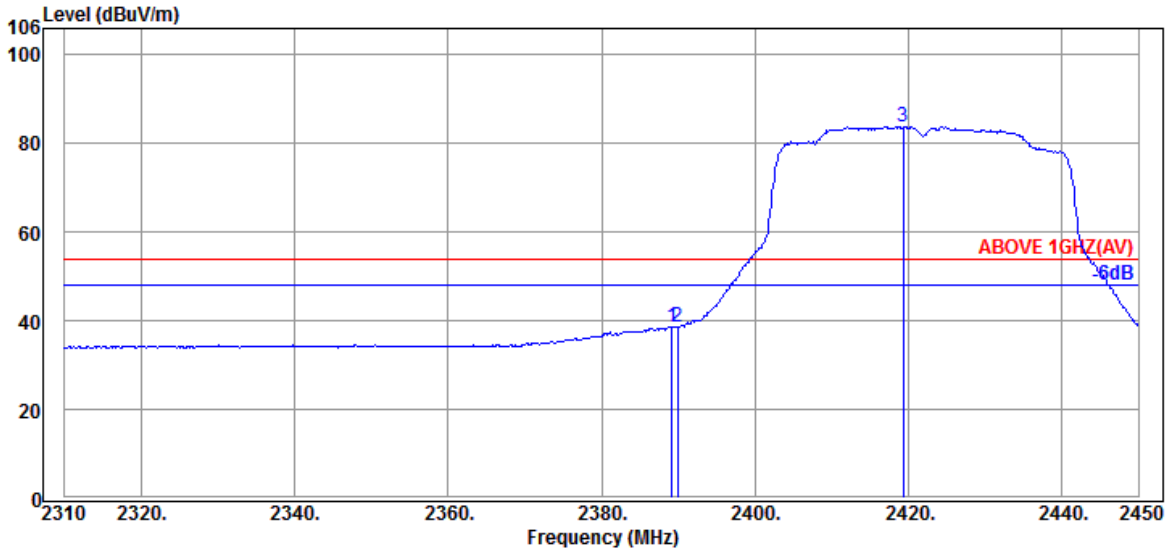
Mode	802.11ax-HE40	Frequency	TX 2422MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
	2386.580	32.44	7.95	34.58	46.05	51.86	74.00	22.14	Peak
	2389.940	32.44	7.95	34.58	43.92	49.73	74.00	24.27	Peak
@	2427.880	32.21	7.97	34.59	89.44	95.03	---	---	Peak



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
	2389.240	32.44	7.95	34.58	32.76	38.57	54.00	15.43	Average
	2389.940	32.44	7.95	34.58	32.90	38.71	54.00	15.29	Average
@	2419.340	32.29	7.96	34.59	78.13	83.79	---	---	Average

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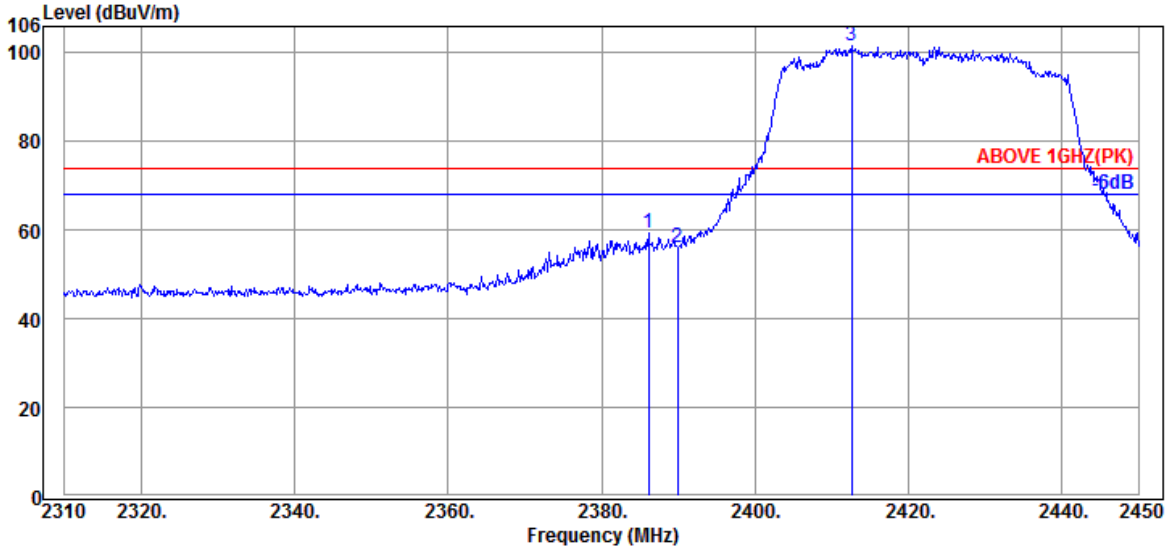
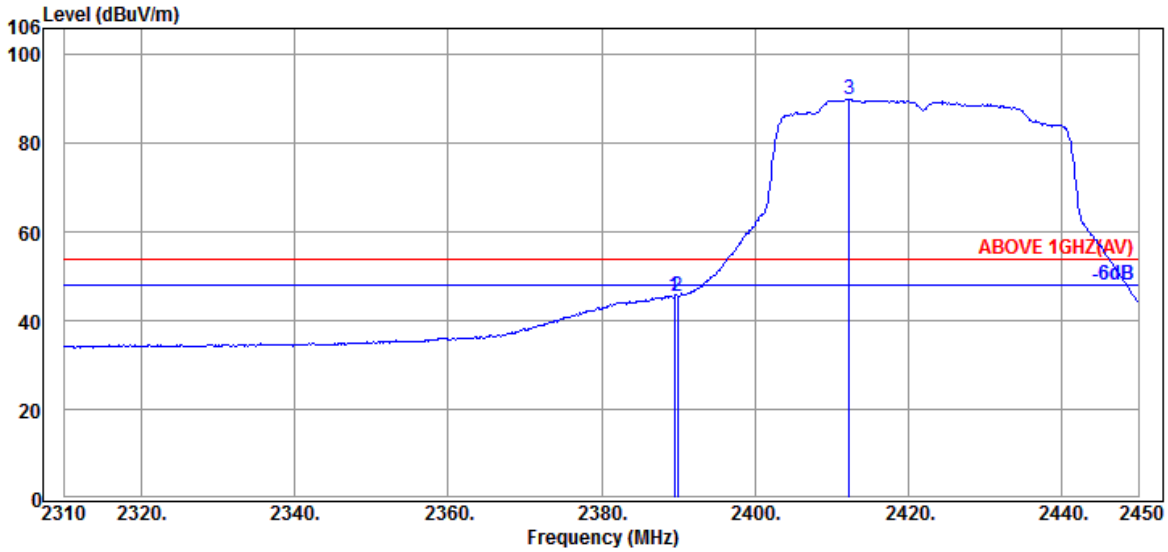
Mode	802.11ax-HE40	Frequency	TX 2422MHz



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
	2386.160	32.44	7.95	34.58	53.45	59.26	74.00	14.74	Peak
	2389.940	32.44	7.95	34.58	50.33	56.14	74.00	17.86	Peak
@	2412.620	32.36	7.96	34.59	96.03	101.76	---	---	Peak



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
	2389.520	32.44	7.95	34.58	39.80	45.61	54.00	8.39	Average
	2389.940	32.44	7.95	34.58	39.84	45.65	54.00	8.35	Average
@	2412.340	32.36	7.96	34.59	84.38	90.11	---	---	Average

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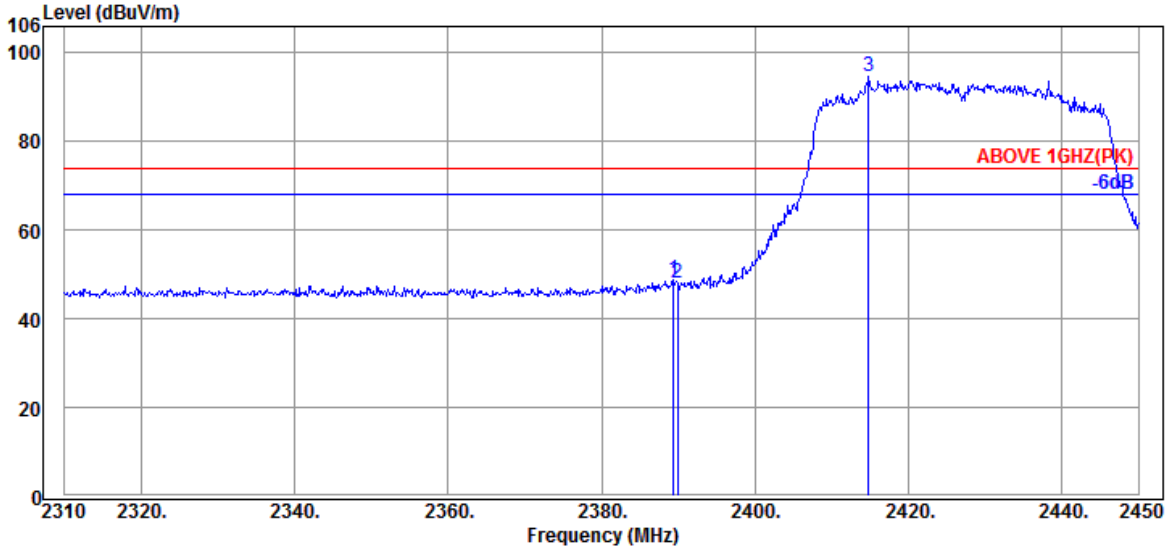
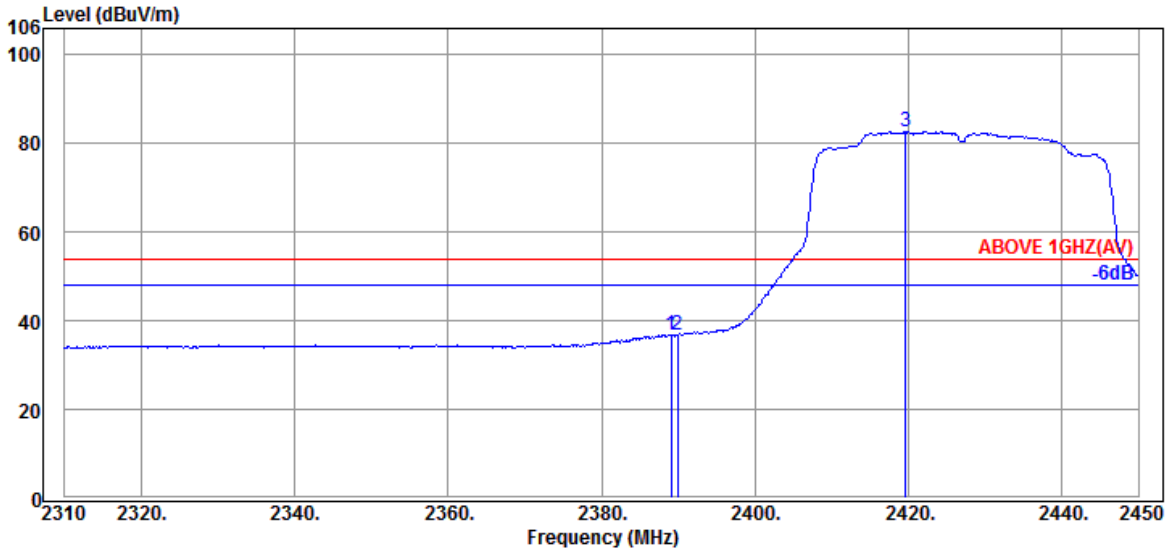
Mode	802.11ax-HE40	Frequency	TX 2427MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
	2389.380	32.44	7.95	34.58	42.89	48.70	74.00	25.30	Peak
	2389.940	32.44	7.95	34.58	42.15	47.96	74.00	26.04	Peak
@	2414.860	32.36	7.96	34.59	88.96	94.69	---	---	Peak



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
	2389.100	32.44	7.95	34.58	31.03	36.84	54.00	17.16	Average
	2389.940	32.44	7.95	34.58	31.10	36.91	54.00	17.09	Average
@	2419.620	32.29	7.96	34.59	77.02	82.68	---	---	Average

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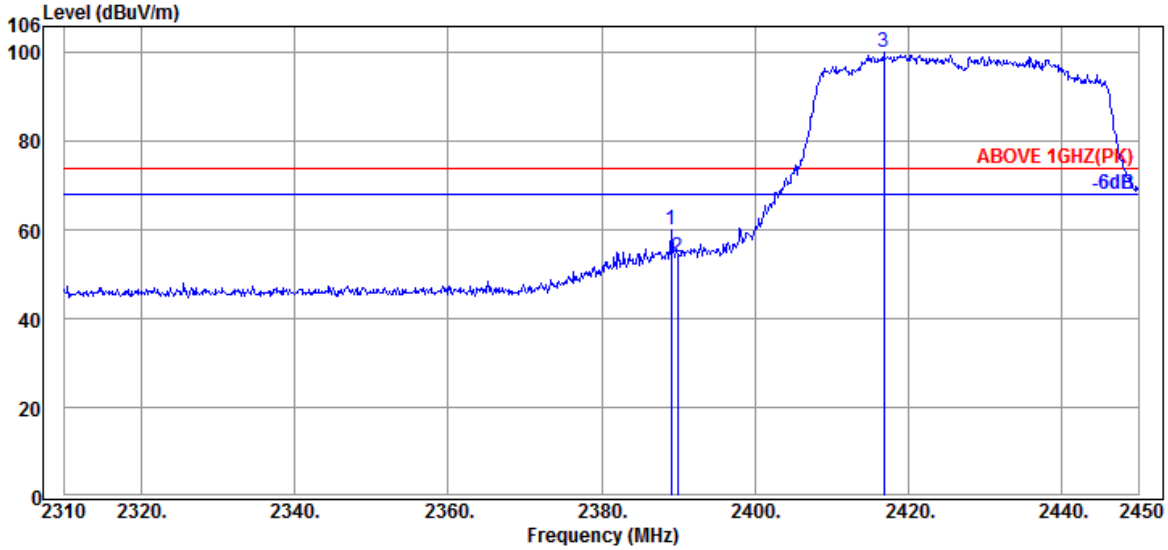
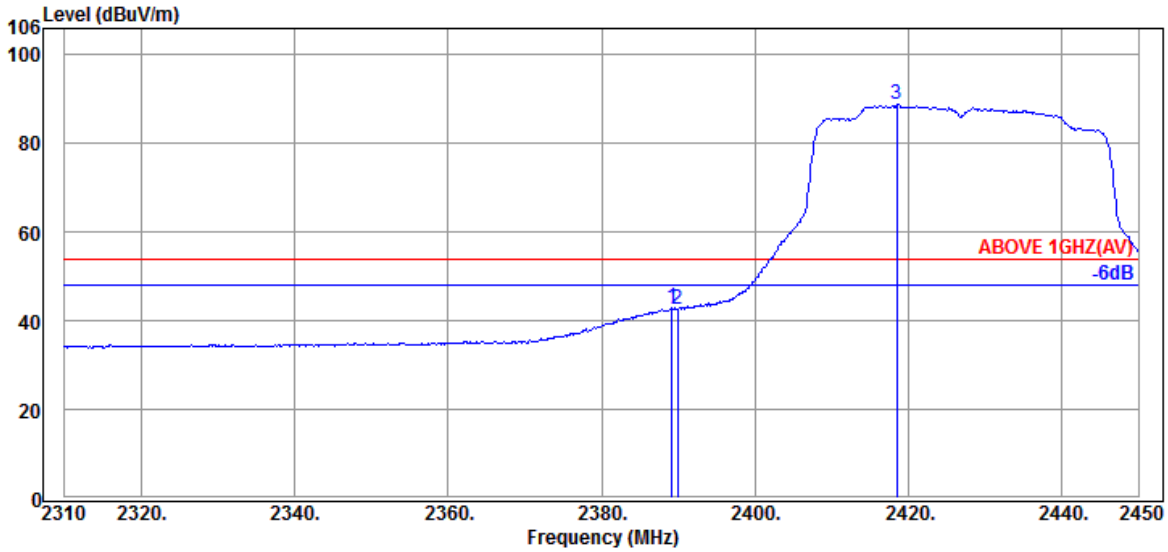
Mode	802.11ax-HE40	Frequency	TX 2427MHz



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
	2389.100	32.44	7.95	34.58	54.26	60.07	74.00	13.93	Peak
	2389.940	32.44	7.95	34.58	48.28	54.09	74.00	19.91	Peak
@	2416.820	32.36	7.96	34.59	94.29	100.02	---	---	Peak



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
	2389.240	32.44	7.95	34.58	37.12	42.93	54.00	11.07	Average
	2389.940	32.44	7.95	34.58	36.71	42.52	54.00	11.48	Average
@	2418.500	32.29	7.96	34.59	83.20	88.86	---	---	Average

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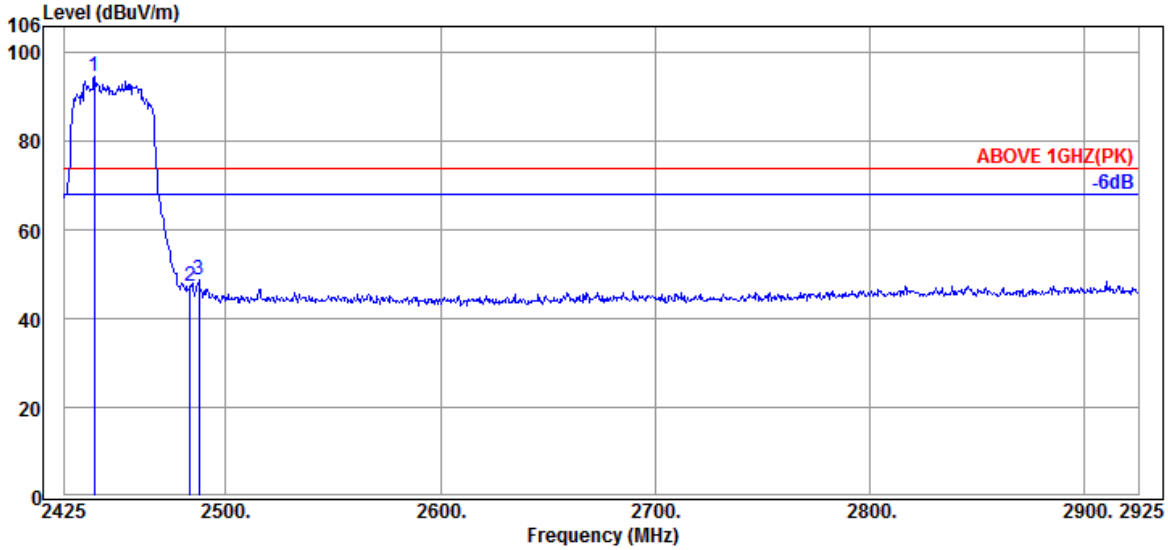
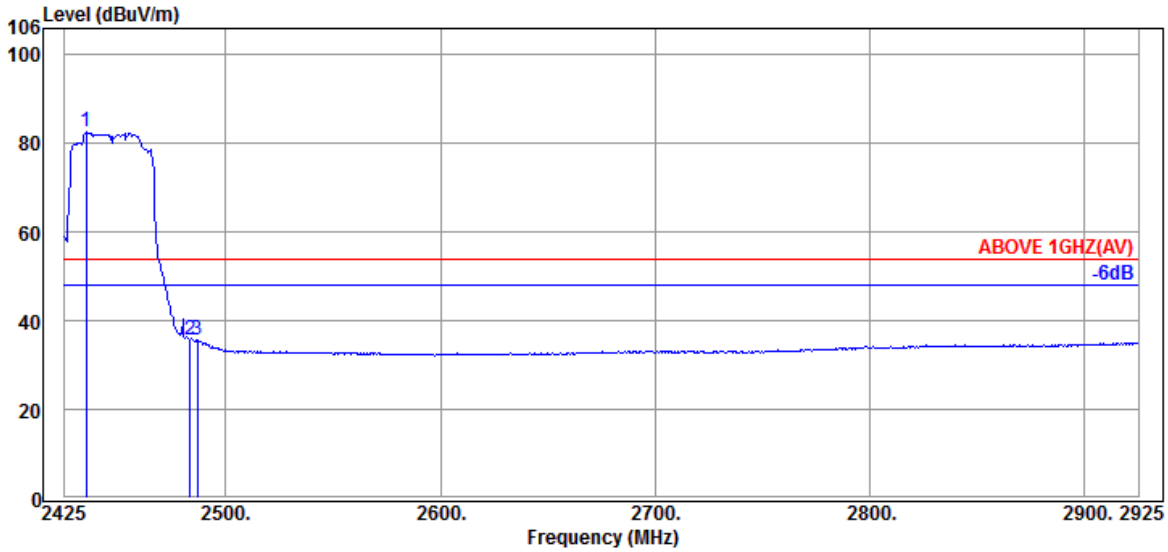
Mode	802.11ax-HE40	Frequency	TX 2447MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2439.000	32.14	7.98	34.59	89.02	97.12	---	---	Peak
	2483.500	32.14	7.99	34.61	41.81	56.46	74.00	17.54	Peak
	2487.500	32.14	8.00	34.61	43.38	60.54	74.00	13.46	Peak



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2435.000	32.14	7.97	34.59	77.09	82.61	---	---	Average
	2483.500	32.14	7.99	34.61	30.28	35.80	54.00	18.20	Average
	2487.000	32.14	8.00	34.61	30.26	35.79	54.00	18.21	Average

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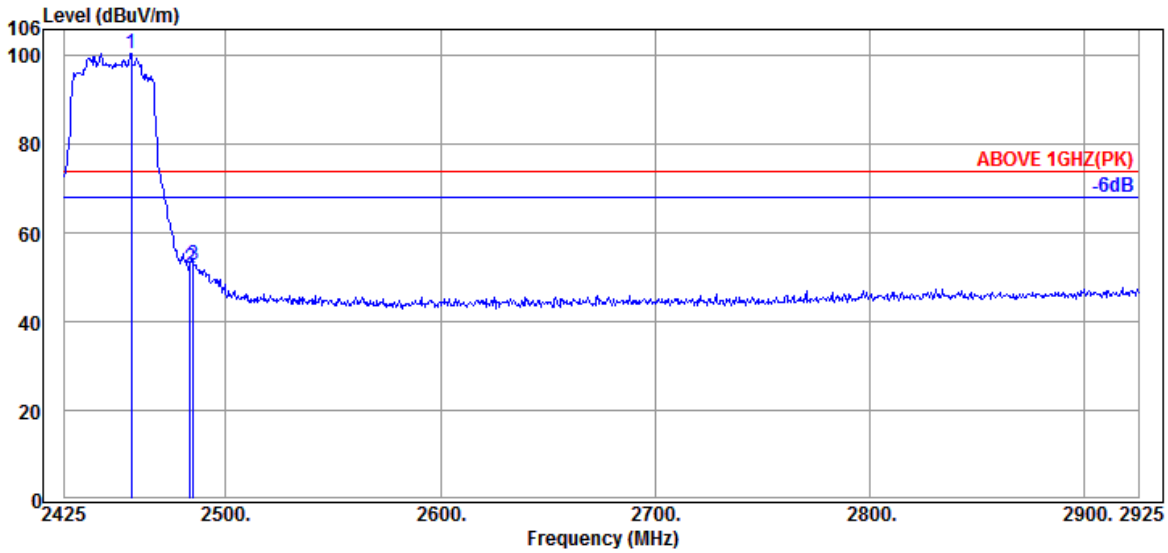
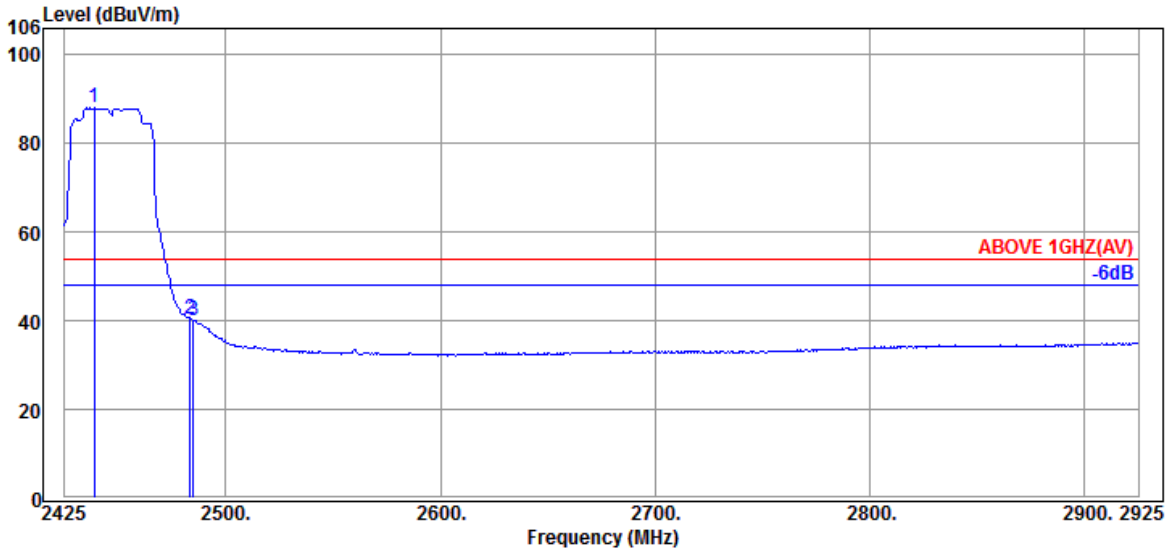
Mode	802.11ax-HE40	Frequency	TX 2447MHz



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2456.000	32.03	7.98	34.60	95.13	100.54	---	---	Peak
	2483.500	32.14	7.99	34.61	46.47	51.99	74.00	22.01	Peak
	2485.000	32.14	7.99	34.61	47.20	52.72	74.00	21.28	Peak



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2439.000	32.14	7.98	34.59	82.51	88.04	---	---	Average
	2483.500	32.14	7.99	34.61	34.93	40.45	54.00	13.55	Average
	2485.000	32.14	7.99	34.61	34.46	39.98	54.00	14.02	Average

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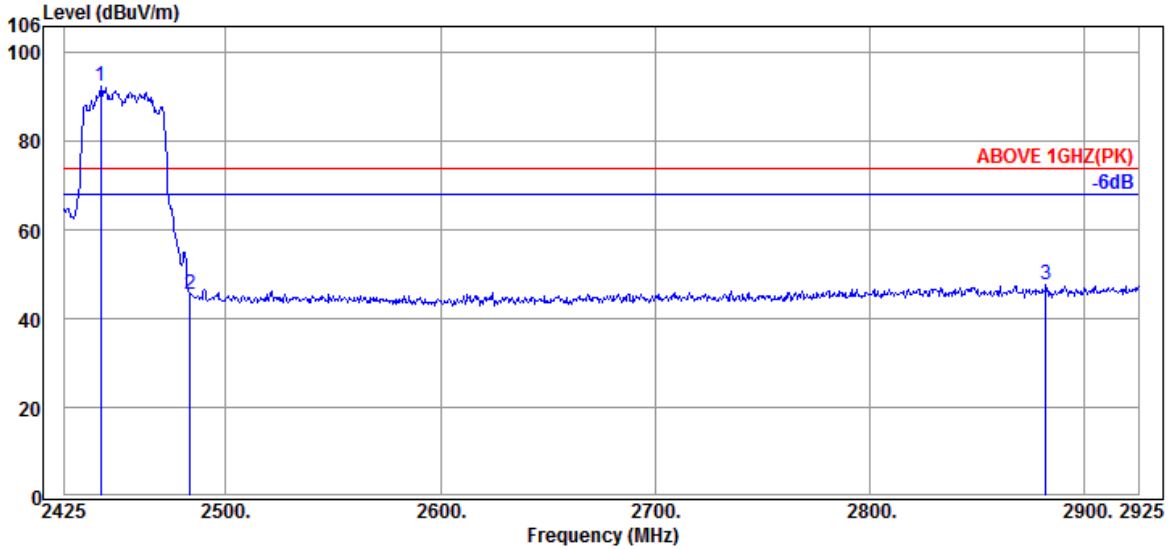
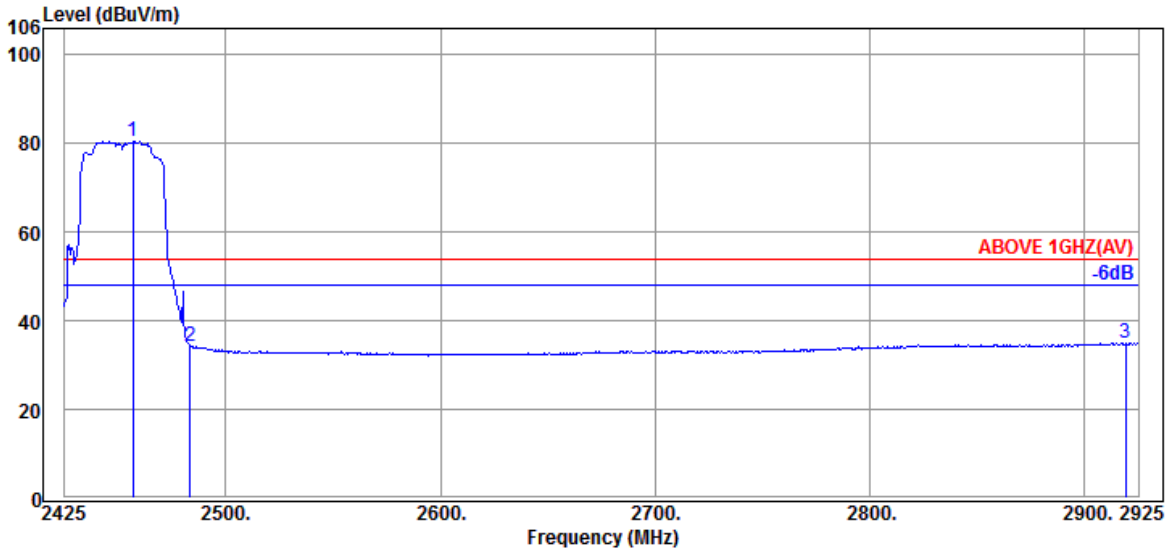
Mode	802.11ax-HE40	Frequency	TX 2452MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2442.000	32.07	7.98	34.59	87.22	92.68	---	---	Peak
	2483.500	32.14	7.99	34.61	40.15	45.67	74.00	28.33	Peak
	2882.000	32.90	8.17	34.68	41.39	47.78	74.00	26.22	Peak



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2457.000	32.03	7.98	34.60	75.08	80.49	---	---	Average
	2483.500	32.14	7.99	34.61	28.84	34.36	54.00	19.64	Average
	2919.000	32.90	8.19	34.69	28.61	35.01	54.00	18.99	Average

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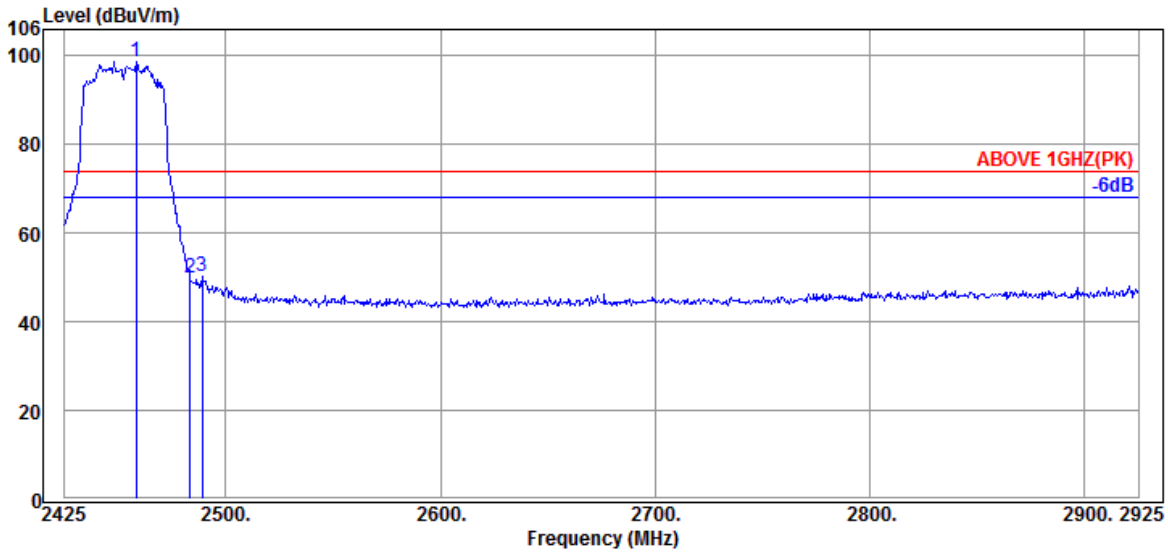
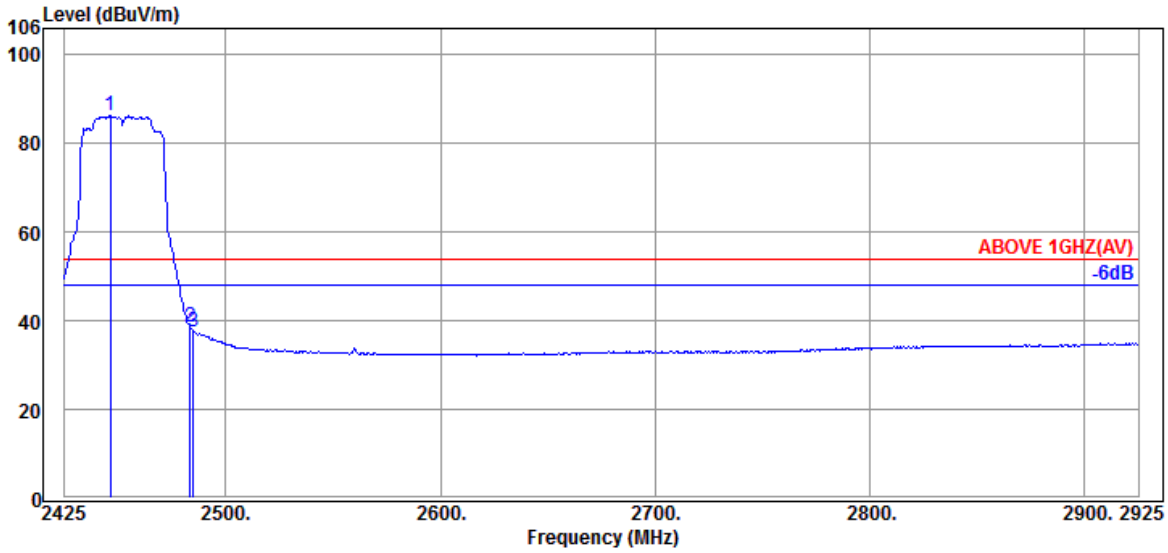
Mode	802.11ax-HE40	Frequency	TX 2452MHz



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2458.500	32.03	7.98	34.60	93.30	98.71	---	---	Peak
	2483.500	32.14	7.99	34.61	44.25	49.77	74.00	24.23	Peak
	2489.000	32.14	8.00	34.61	44.86	50.39	74.00	23.61	Peak



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2446.500	32.00	7.98	34.60	80.88	86.26	---	---	Average
	2483.500	32.14	7.99	34.61	32.94	38.46	54.00	15.54	Average
	2485.000	32.14	7.99	34.61	31.98	37.50	54.00	16.50	Average

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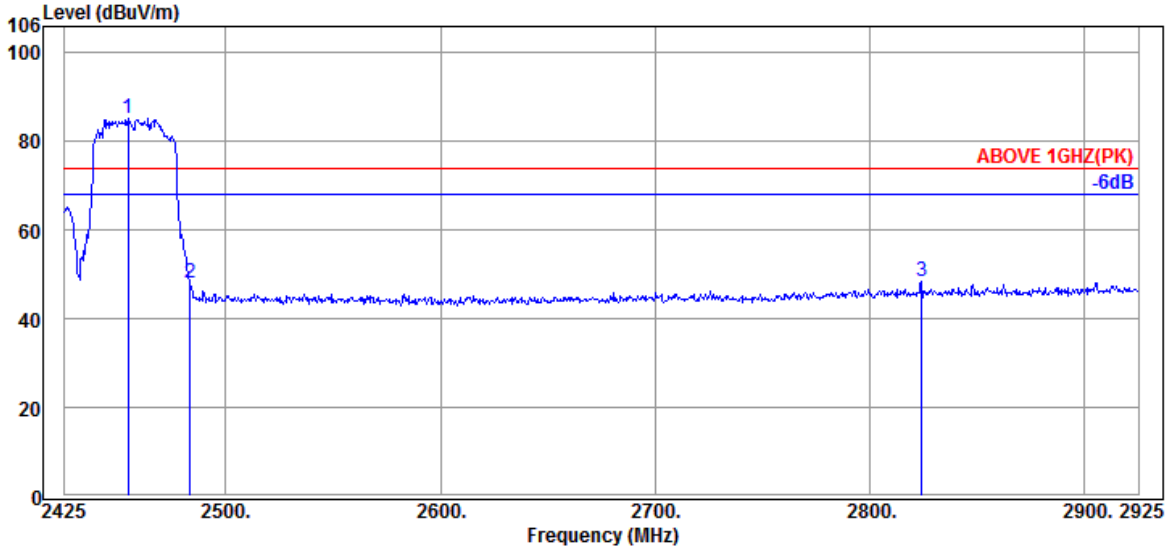
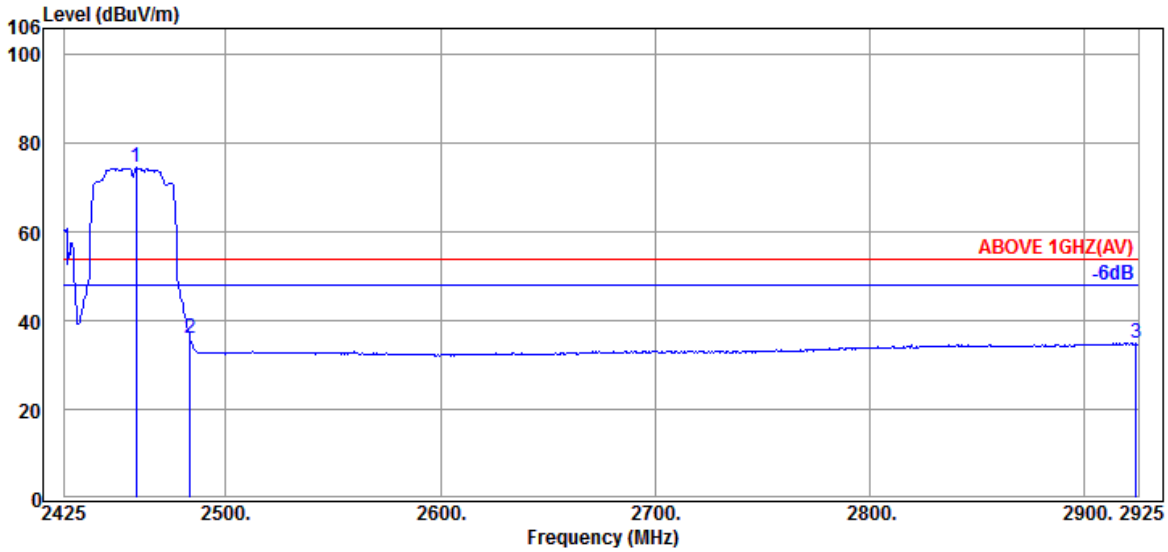
Mode	802.11ax-HE40	Frequency	TX 2457MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2454.500	32.03	7.98	34.60	79.84	85.25	---	---	Peak
	2483.500	32.14	7.99	34.61	42.56	48.08	74.00	25.92	Peak
	2824.000	32.85	8.14	34.67	42.24	48.56	74.00	25.44	Peak



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2458.500	32.03	7.98	34.60	69.10	74.51	---	---	Average
	2483.500	32.14	7.99	34.61	30.53	36.05	54.00	17.95	Average
	2924.000	32.90	8.19	34.69	28.58	34.98	54.00	19.02	Average

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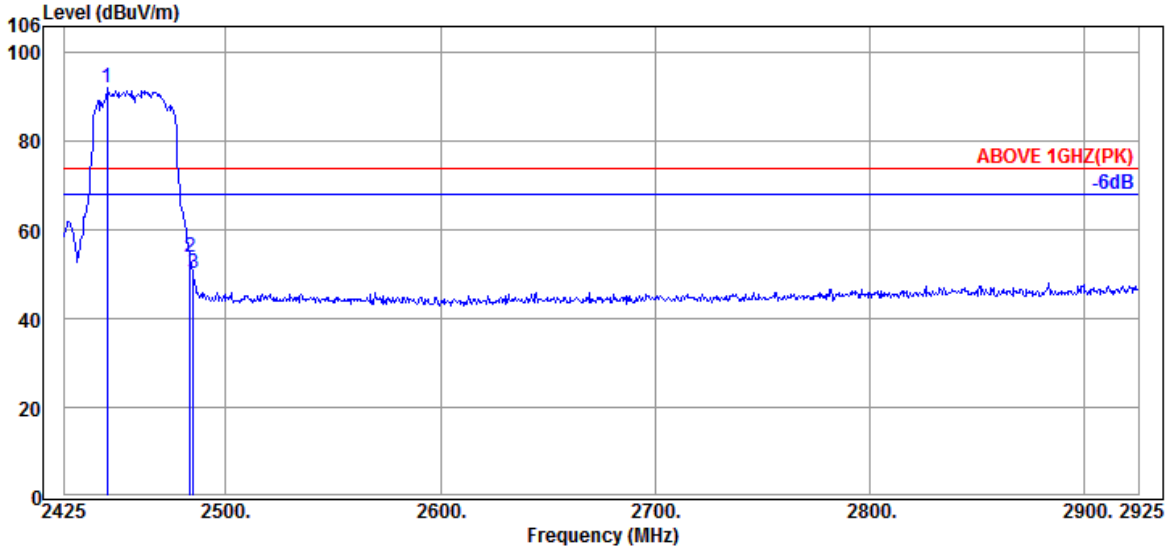
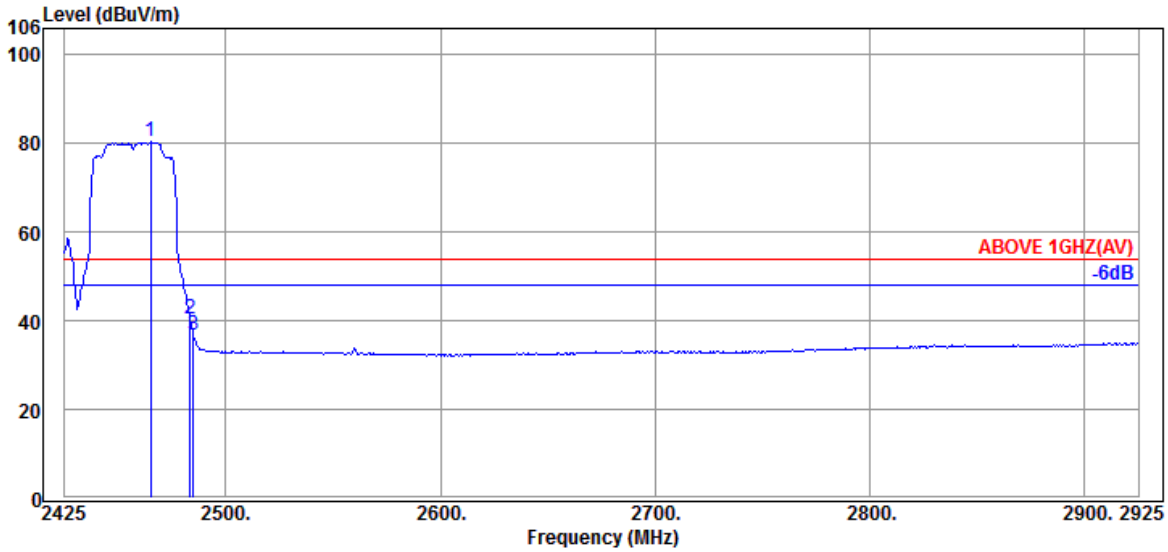
Mode	802.11ax-HE40	Frequency	TX 2457MHz



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2445.000	32.07	7.98	34.60	86.57	92.02	---	---	Peak
	2483.500	32.14	7.99	34.61	48.38	53.90	74.00	20.10	Peak
	2485.000	32.14	7.99	34.61	44.60	50.12	74.00	23.88	Peak



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2465.000	32.06	7.98	34.60	74.89	80.33	---	---	Average
	2483.500	32.14	7.99	34.61	34.83	40.35	54.00	13.65	Average
	2485.000	32.14	7.99	34.61	31.30	36.82	54.00	17.18	Average

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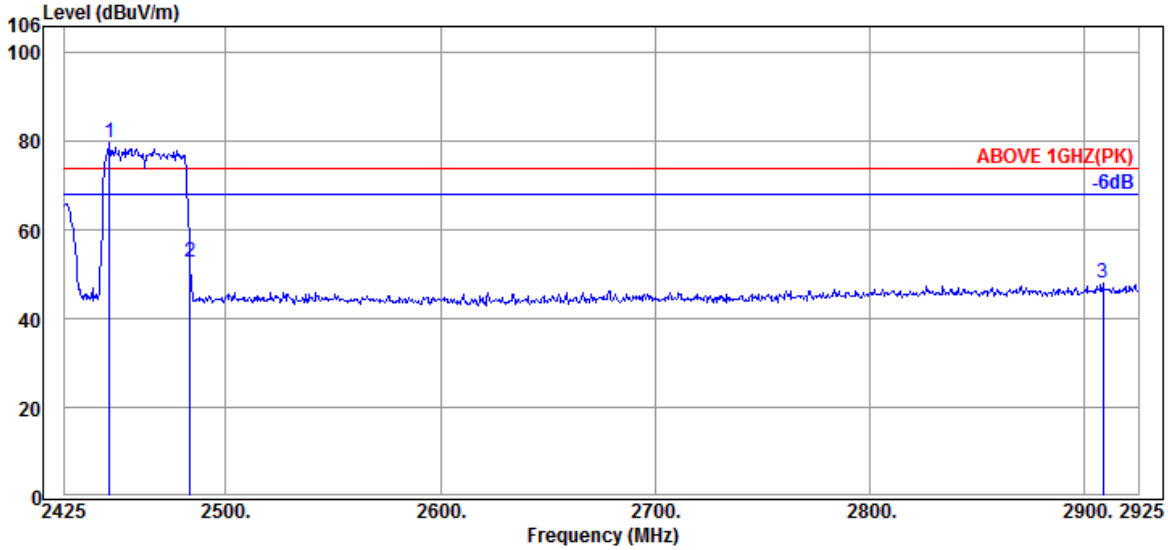
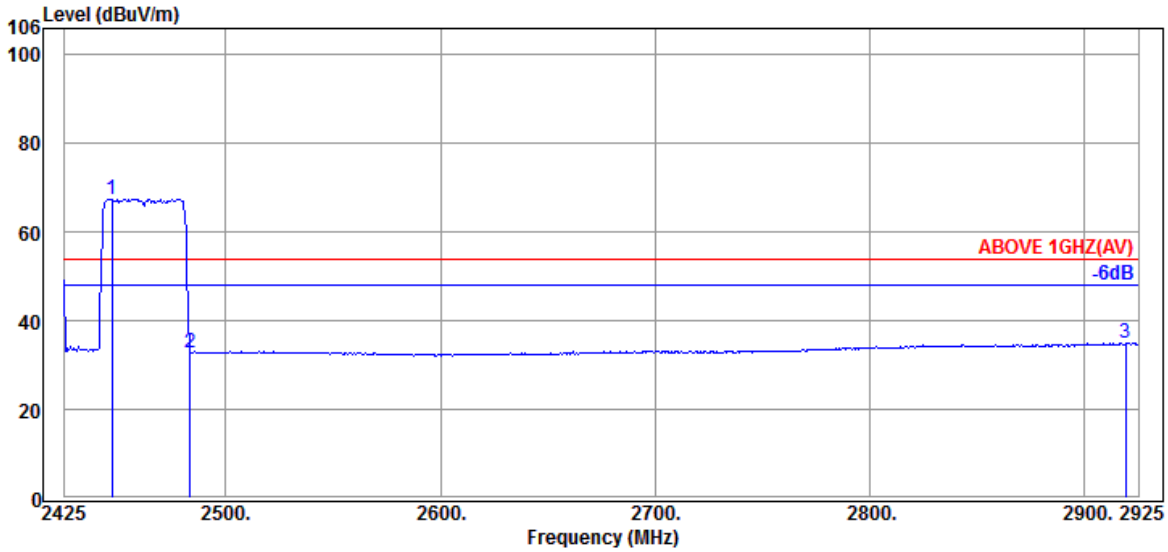
Mode	802.11ax-HE40	Frequency	TX 2462MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2446.000	32.07	7.98	34.60	74.22	79.67	---	---	Peak
	2483.500	32.14	7.99	34.61	47.21	52.73	74.00	21.27	Peak
	2908.500	32.83	8.18	34.69	41.77	48.09	74.00	25.91	Peak



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2447.000	32.00	7.98	34.60	62.10	67.48	---	---	Average
	2483.500	32.14	7.99	34.61	27.30	32.82	54.00	21.18	Average
	2919.000	32.90	8.19	34.69	28.57	34.97	54.00	19.03	Average

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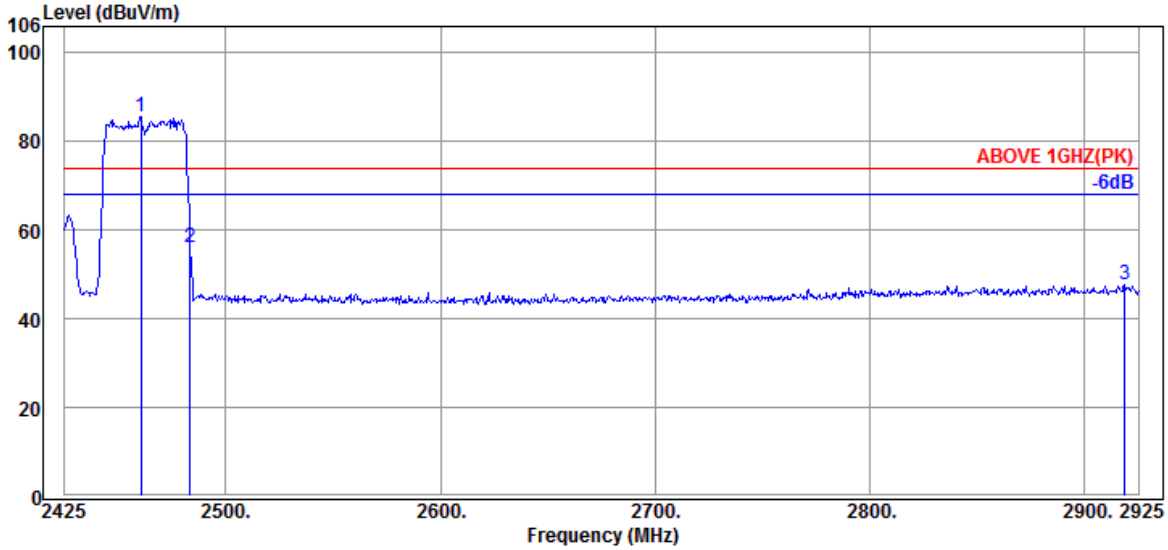
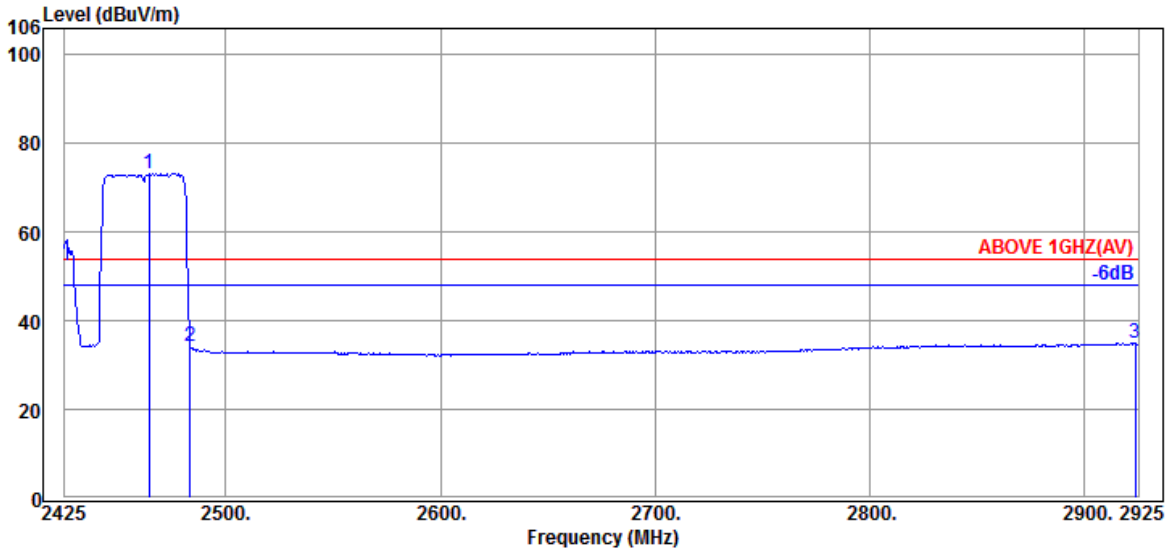
Mode	802.11ax-HE40	Frequency	TX 2462MHz



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2460.500	32.06	7.98	34.60	80.30	85.74	---	---	Peak
	2483.500	32.14	7.99	34.61	50.64	56.16	74.00	17.84	Peak
	2918.500	32.90	8.19	34.69	41.28	47.68	74.00	26.32	Peak



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2464.500	32.06	7.98	34.60	67.76	73.20	---	---	Average
	2483.500	32.14	7.99	34.61	28.65	34.17	54.00	19.83	Average
	2923.500	32.90	8.19	34.69	28.54	34.94	54.00	19.06	Average

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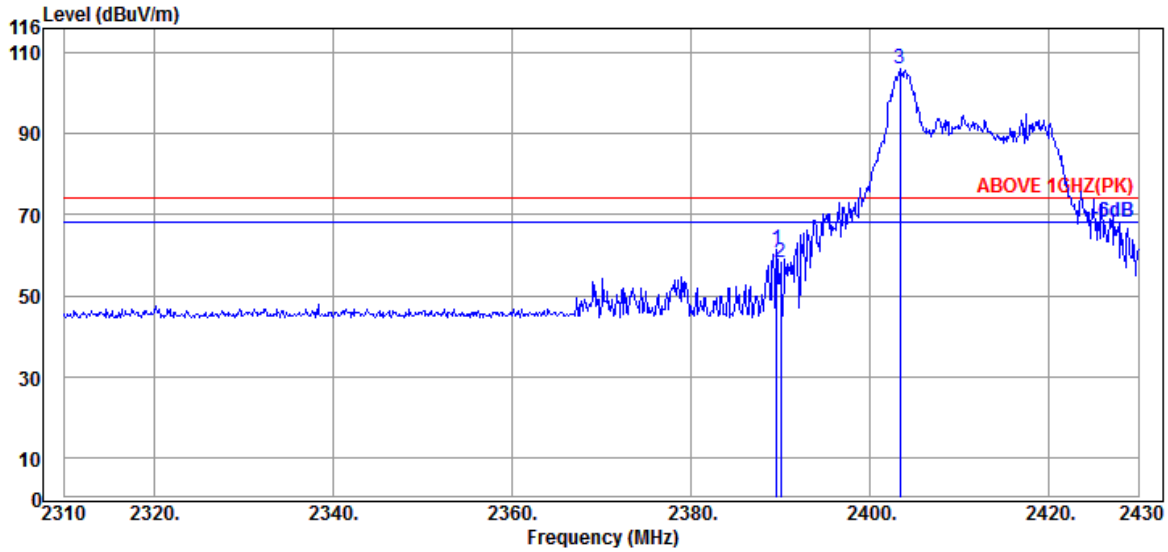
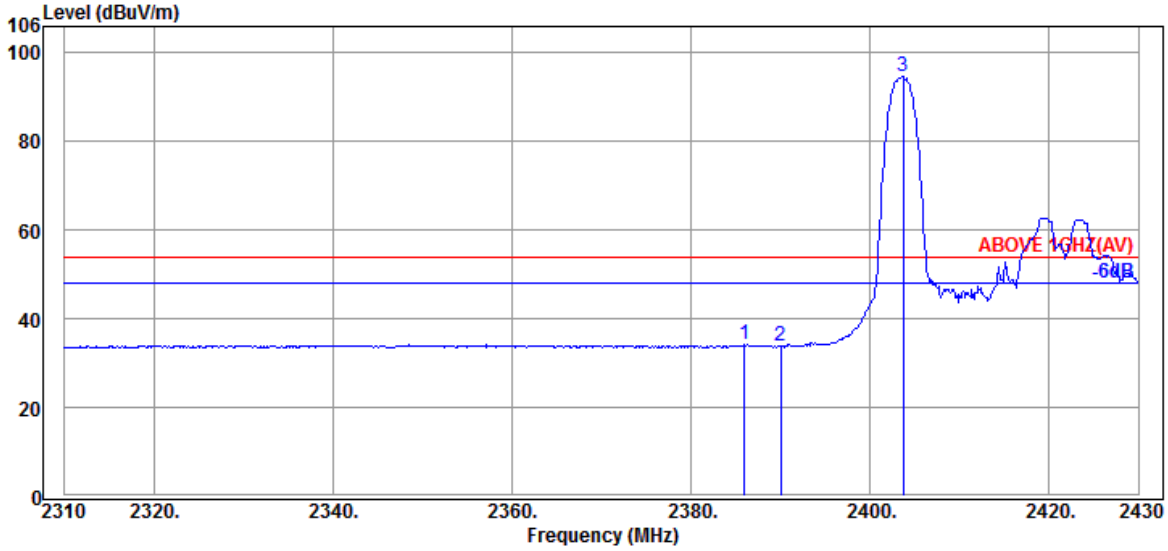
Mode	802.11ax-HE20	Frequency	TX 2412MHz
		RU Configuration	26/0



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
	2389.560	32.44	7.95	34.58	55.76	61.57	74.00	12.43	Peak
	2390.040	32.44	7.95	34.58	52.54	58.35	74.00	15.65	Peak
@	2403.360	32.50	7.95	34.59	100.21	106.07	---	---	Peak



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
	2385.960	32.44	7.95	34.58	28.31	34.12	54.00	19.88	Average
	2390.040	32.44	7.95	34.58	27.89	33.70	54.00	20.30	Average
@	2403.720	32.50	7.95	34.59	88.71	94.57	---	---	Average

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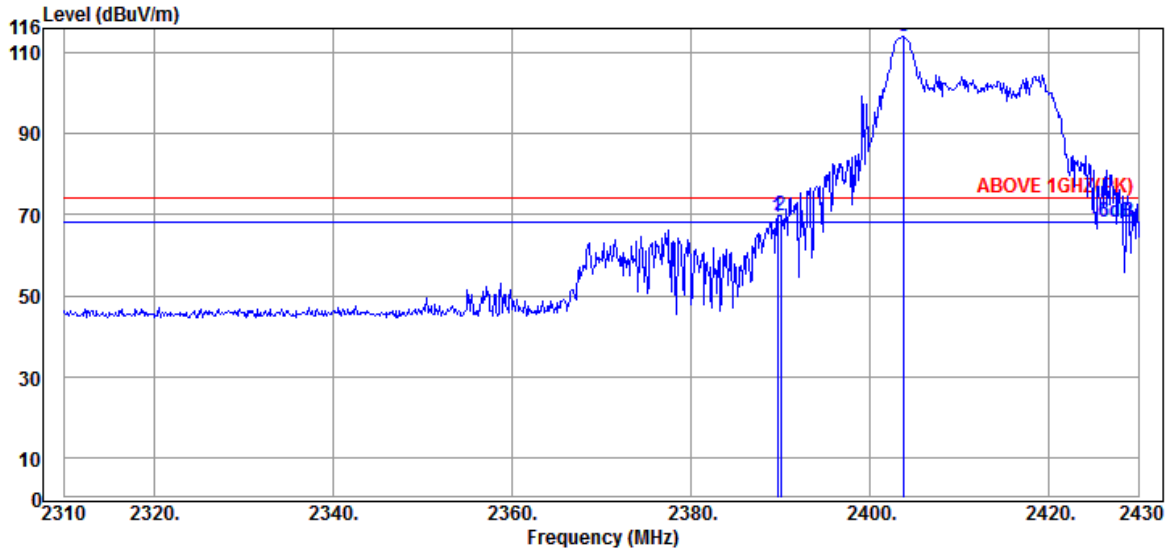
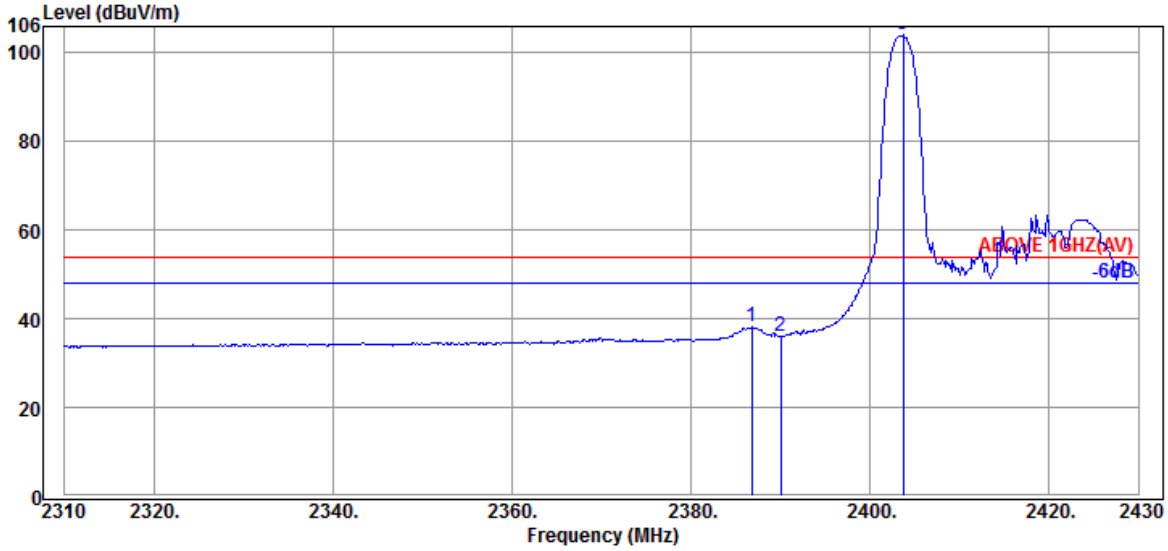
Mode	802.11ax-HE20	Frequency	TX 2412MHz
		RU Configuration	26/0



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
	2389.680	32.44	7.95	34.58	63.73	69.54	74.00	4.46	Peak
	2390.040	32.44	7.95	34.58	63.84	69.65	74.00	4.35	Peak
@	2403.840	32.50	7.95	34.59	108.29	114.15	---	---	Peak



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
	2386.800	32.44	7.95	34.58	32.34	38.15	54.00	15.85	Average
	2390.040	32.44	7.95	34.58	30.27	36.08	54.00	17.92	Average
@	2403.720	32.50	7.95	34.59	98.23	104.09	---	---	Average

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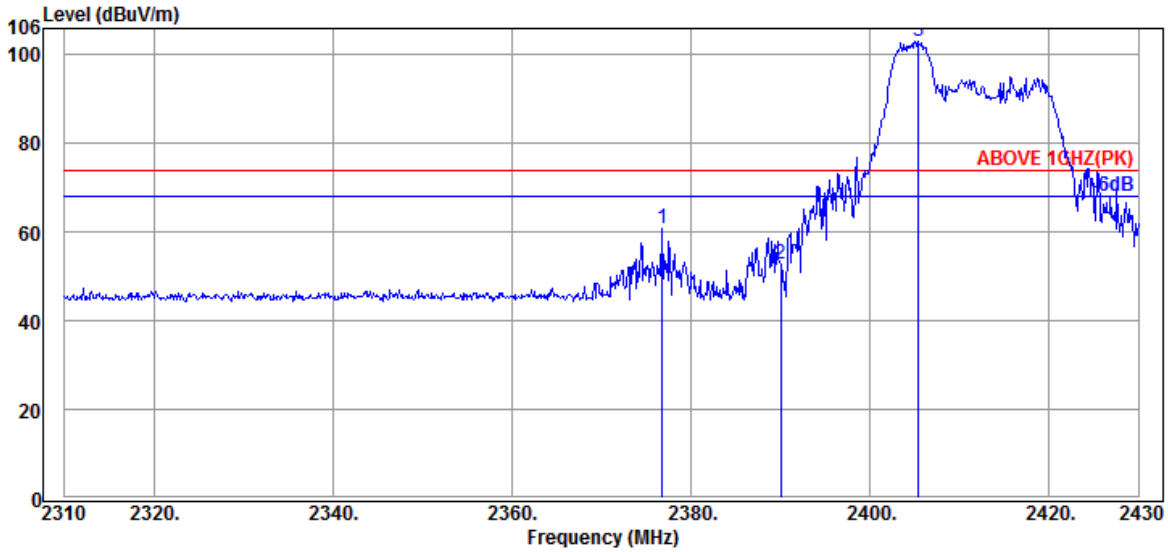
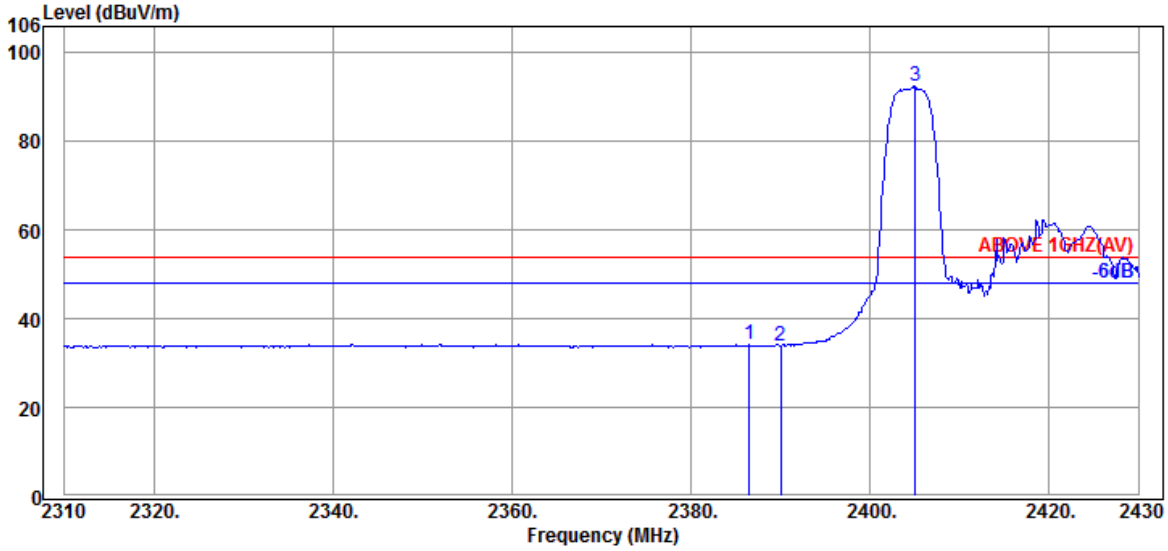
Mode	802.11ax-HE20	Frequency	TX 2412MHz
		RU Configuration	52/37



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
	2376.840	32.41	7.95	34.58	54.94	60.72	74.00	13.28	Peak
	2390.040	32.44	7.95	34.58	47.12	52.93	74.00	21.07	Peak
@	2405.400	32.43	7.95	34.59	97.19	102.98	---	---	Peak



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
	2386.560	32.44	7.95	34.58	28.47	34.28	54.00	19.72	Average
	2390.040	32.44	7.95	34.58	28.16	33.97	54.00	20.03	Average
@	2405.040	32.43	7.95	34.59	86.68	92.47	---	---	Average

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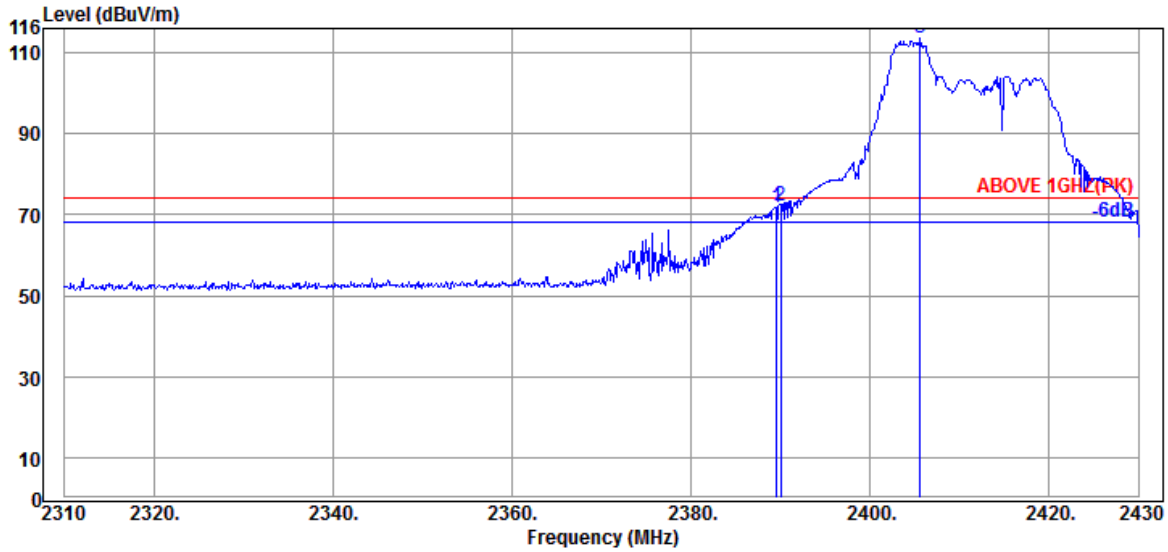
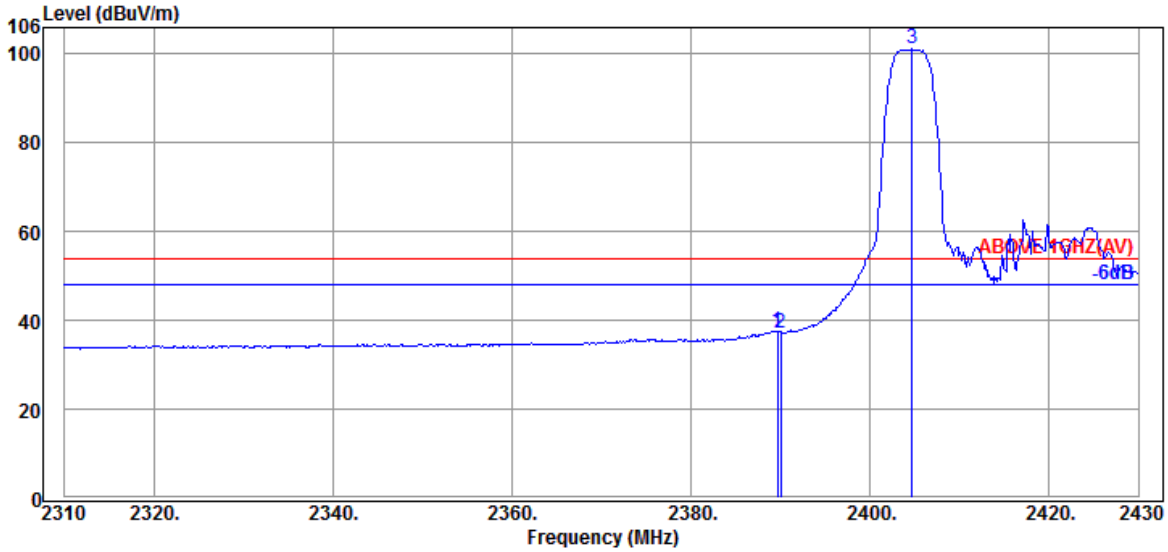
Mode	802.11ax-HE20	Frequency	TX 2412MHz
		RU Configuration	52/37



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
	2389.560	32.44	7.95	34.58	65.96	71.77	74.00	2.23	Peak
	2390.040	32.44	7.95	34.58	66.24	72.05	74.00	1.95	Peak
@	2405.640	32.43	7.95	34.59	107.63	113.42	---	---	Peak



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
	2389.680	32.44	7.95	34.58	31.71	37.52	54.00	16.48	Average
	2390.040	32.44	7.95	34.58	31.50	37.31	54.00	16.69	Average
@	2404.680	32.43	7.95	34.59	95.35	101.14	---	---	Average

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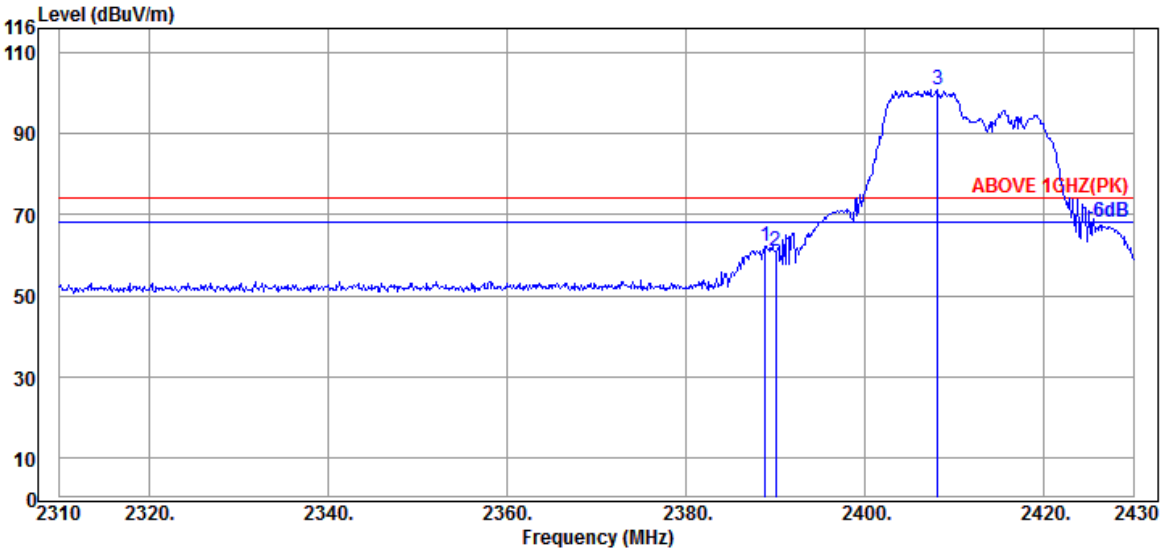
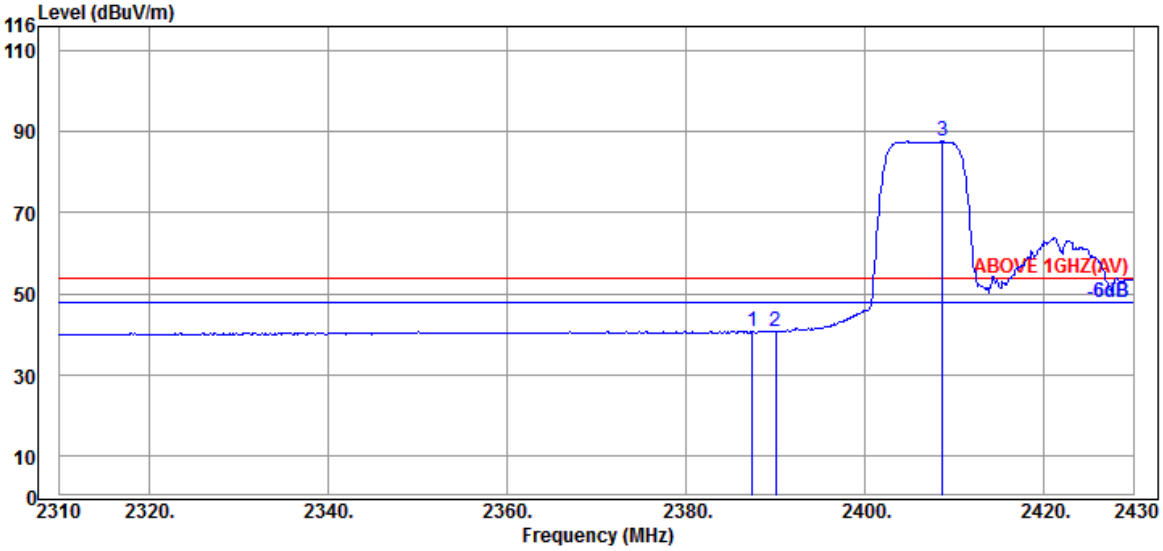
Mode	802.11ax-HE20	Frequency	TX 2412MHz
		RU Configuration	106/53



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
	2388.840	32.44	7.95	34.58	56.23	62.04	74.00	11.96	Peak
	2390.040	32.44	7.95	34.58	55.33	61.14	74.00	12.86	Peak
@	2408.160	32.43	7.96	34.59	95.04	100.84	---	---	Peak



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
	2387.400	32.44	7.95	34.58	34.86	40.67	54.00	13.33	Average
	2390.040	32.44	7.95	34.58	34.70	40.51	54.00	13.49	Average
@	2408.640	32.43	7.96	34.59	81.75	87.55	---	---	Average

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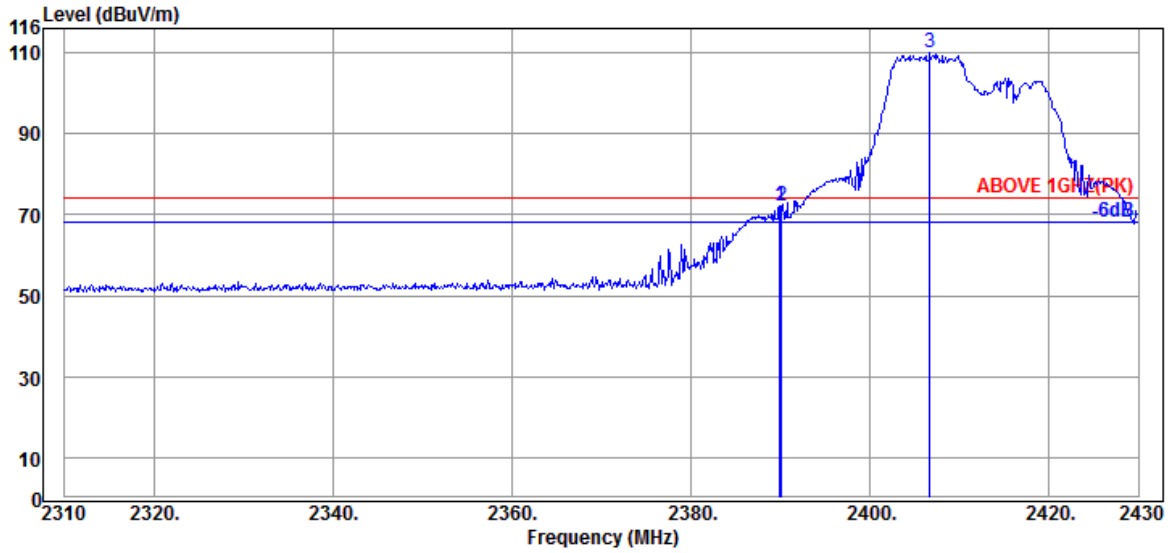
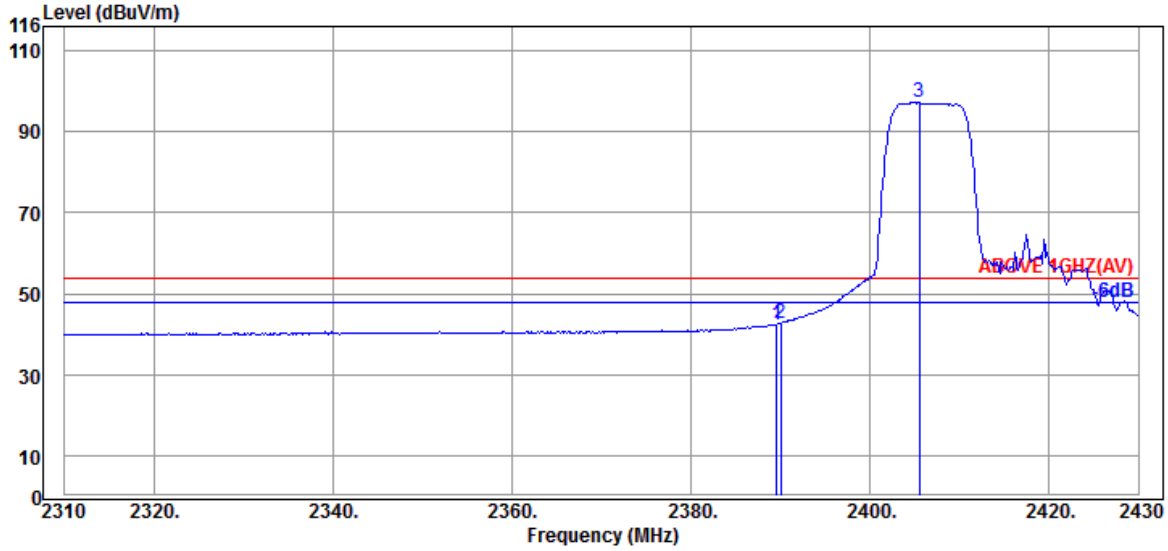
Mode	802.11ax-HE20	Frequency	TX 2412MHz
		RU Configuration	106/53



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
	2389.920	32.44	7.95	34.58	66.18	71.99	74.00	2.01	Peak
	2390.160	32.44	7.95	34.58	66.35	72.16	74.00	1.84	Peak
@	2406.720	32.43	7.95	34.59	104.03	109.82	---	---	Peak



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
	2389.560	32.44	7.95	34.58	36.60	42.41	54.00	11.59	Average
	2390.040	32.44	7.95	34.58	36.97	42.78	54.00	11.22	Average
@	2405.520	32.43	7.95	34.59	91.48	97.27	---	---	Average

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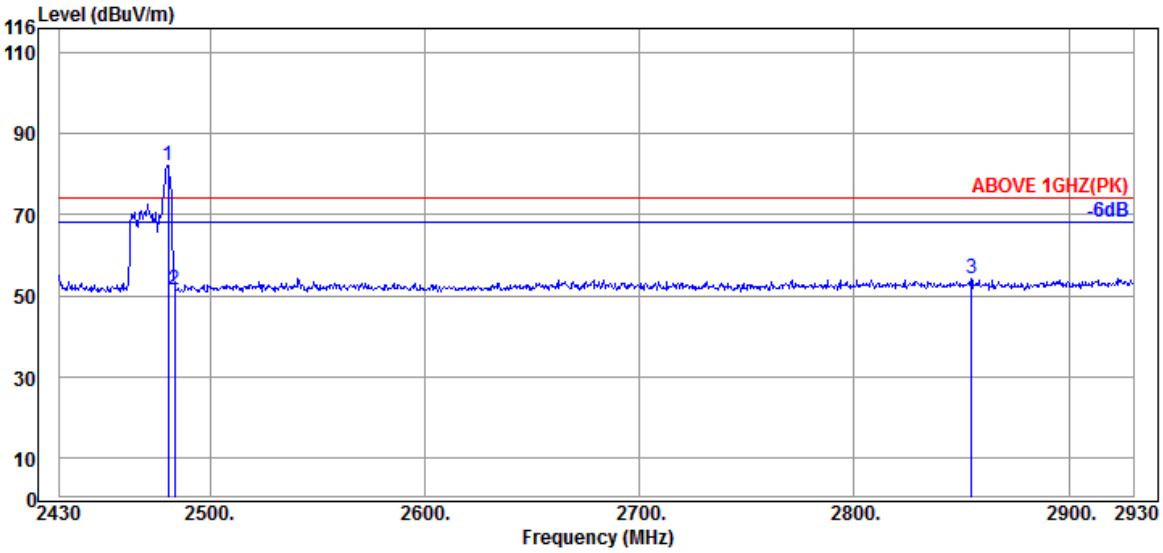
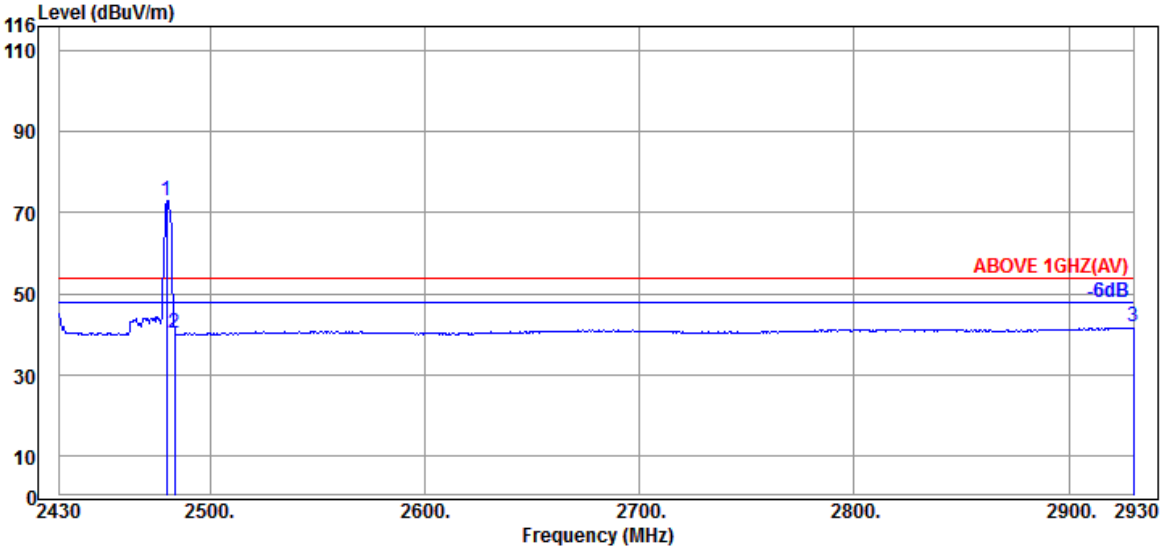
Mode	802.11ax-HE20	Frequency	TX 2472MHz
		RU Configuration	26/8



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	2480.500	32.11	7.99	34.60	76.58	82.08	---	---	Peak
	2483.500	32.14	7.99	34.61	45.91	51.43	74.00	22.57	Peak
	2854.500	33.05	8.16	34.68	47.74	54.27	74.00	19.73	Peak



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	2480.000	32.11	7.99	34.60	67.55	73.05	---	---	Average
	2483.500	32.14	7.99	34.61	34.80	40.32	54.00	13.68	Average
	2930.000	32.93	8.19	34.69	35.30	41.73	54.00	12.27	Average

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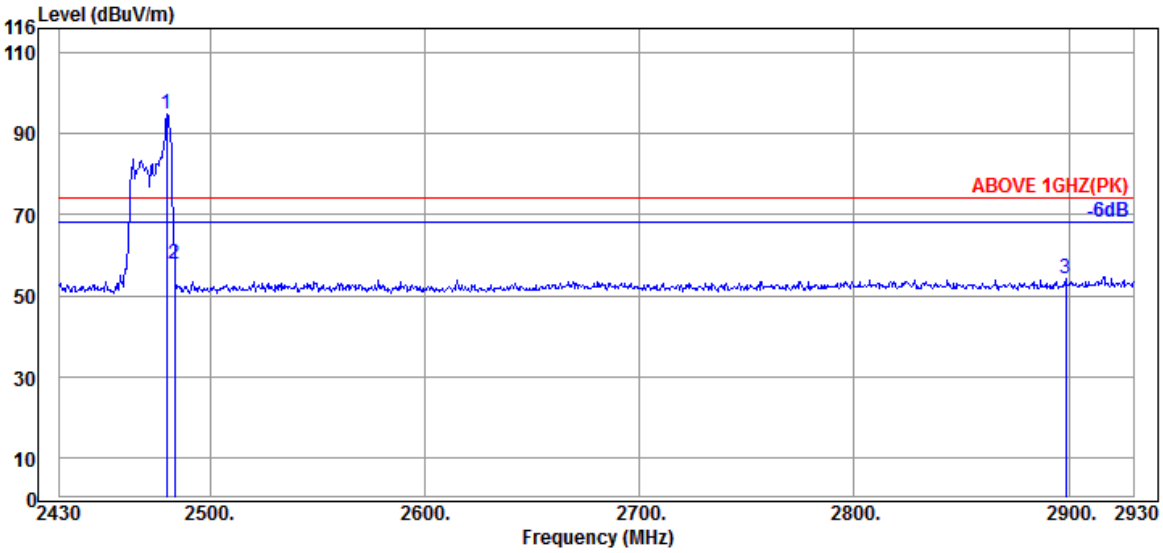
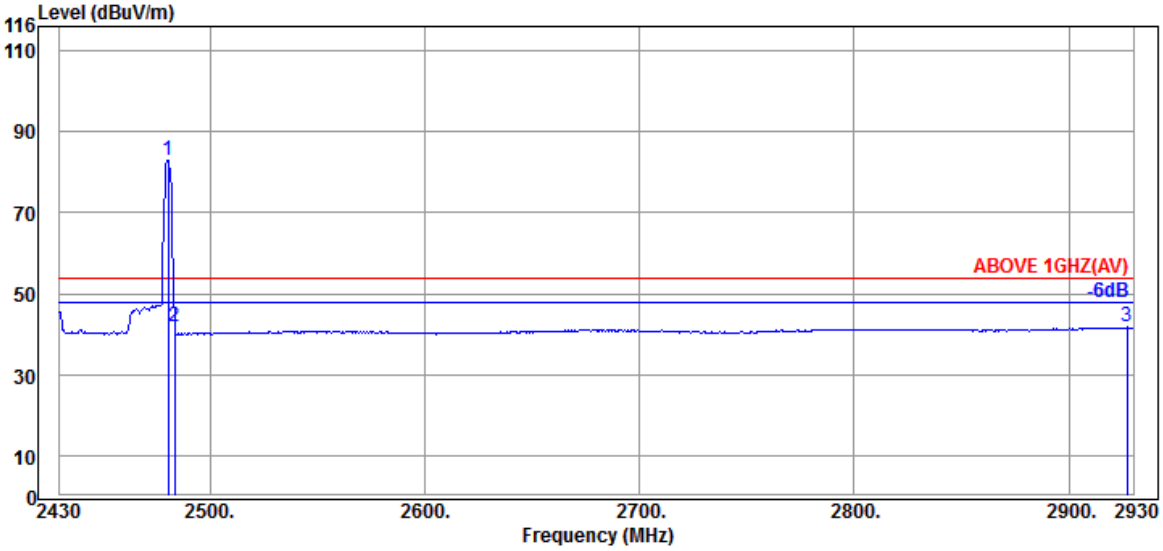
Mode	802.11ax-HE20	Frequency	TX 2472MHz
		RU Configuration	26/8



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	2480.000	32.11	7.99	34.60	89.37	94.87	---	---	Peak
	2483.500	32.14	7.99	34.61	52.38	57.90	74.00	16.10	Peak
	2898.500	32.80	8.18	34.68	47.99	54.29	74.00	19.71	Peak



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	2480.500	32.11	7.99	34.60	77.51	83.01	---	---	Average
	2483.500	32.14	7.99	34.61	36.30	41.82	54.00	12.18	Average
	2927.000	32.93	8.19	34.69	35.26	41.69	54.00	12.31	Average

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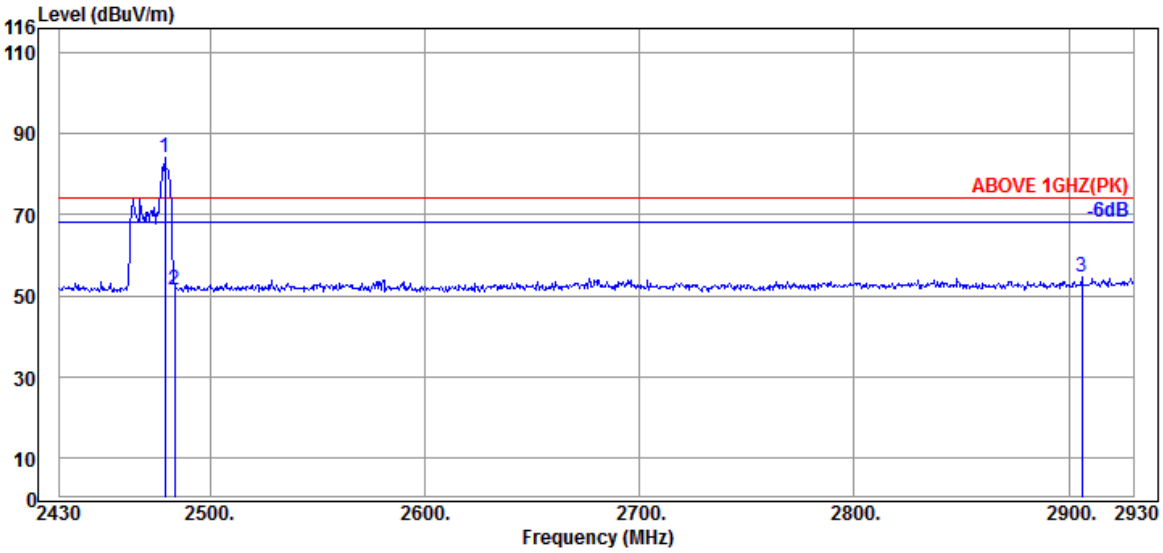
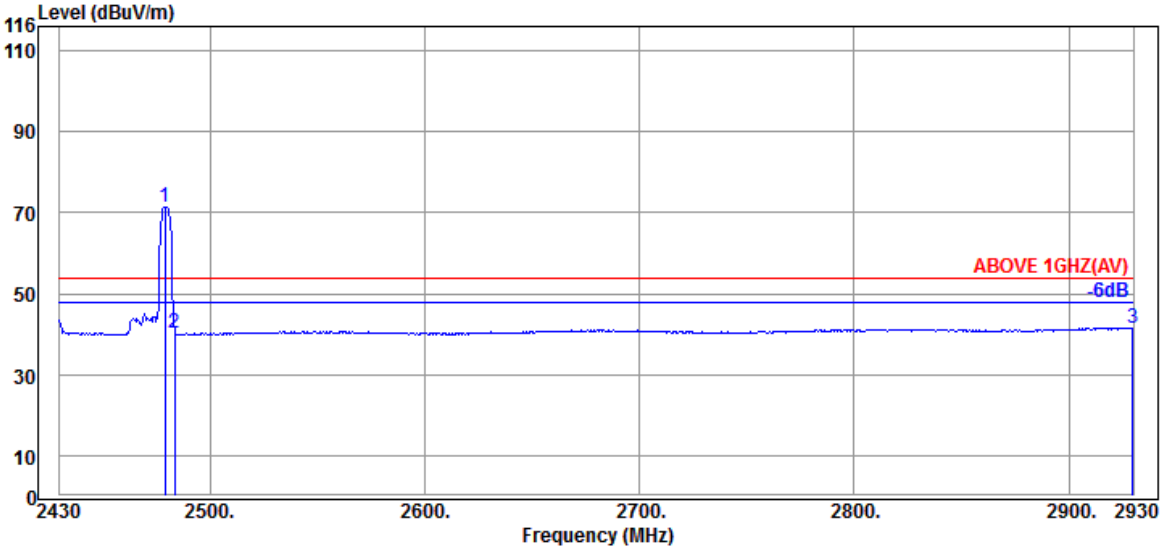
Mode	802.11ax-HE20	Frequency	TX 2472MHz
		RU Configuration	52/40



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2479.000	32.11	7.99	34.60	78.44	83.94	---	---	Peak
	2483.500	32.14	7.99	34.61	46.02	51.54	74.00	22.46	Peak
	2906.000	32.83	8.18	34.69	48.23	54.55	74.00	19.45	Peak



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2479.000	32.11	7.99	34.60	65.86	71.36	---	---	Average
	2483.500	32.14	7.99	34.61	34.66	40.18	54.00	13.82	Average
	2929.500	32.93	8.19	34.69	35.09	41.52	54.00	12.48	Average

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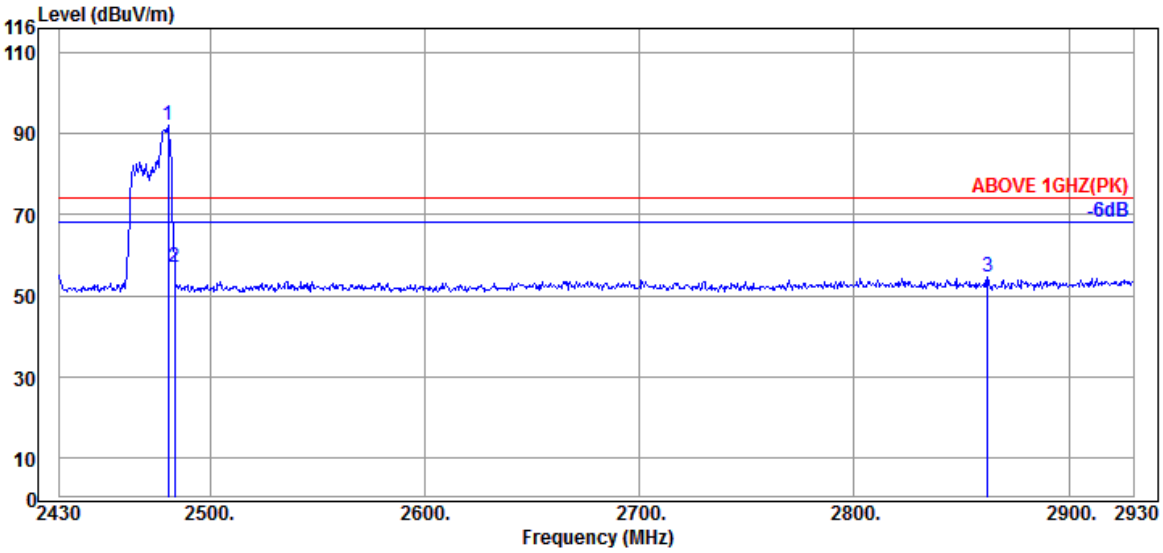
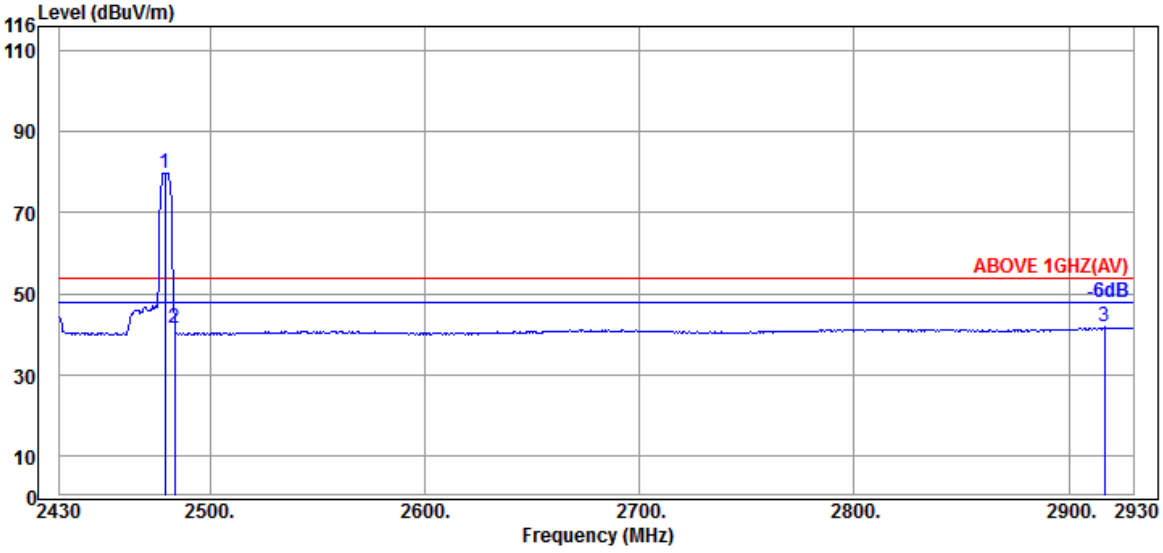
Mode	802.11ax-HE20	Frequency	TX 2472MHz
		RU Configuration	52/40



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2480.500	32.11	7.99	34.60	86.77	92.27	---	---	Peak
	2483.500	32.14	7.99	34.61	51.33	56.85	74.00	17.15	Peak
	2862.000	33.00	8.17	34.68	48.05	54.54	74.00	19.46	Peak



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2479.000	32.11	7.99	34.60	74.42	79.92	---	---	Average
	2483.500	32.14	7.99	34.61	35.77	41.29	54.00	12.71	Average
	2916.500	32.87	8.18	34.69	35.34	41.70	54.00	12.30	Average

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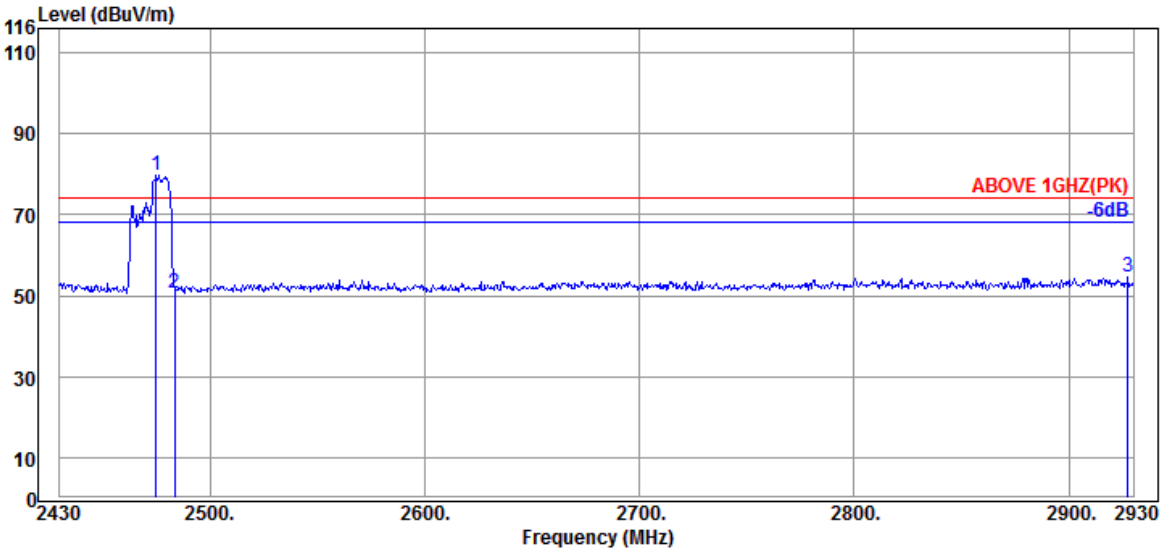
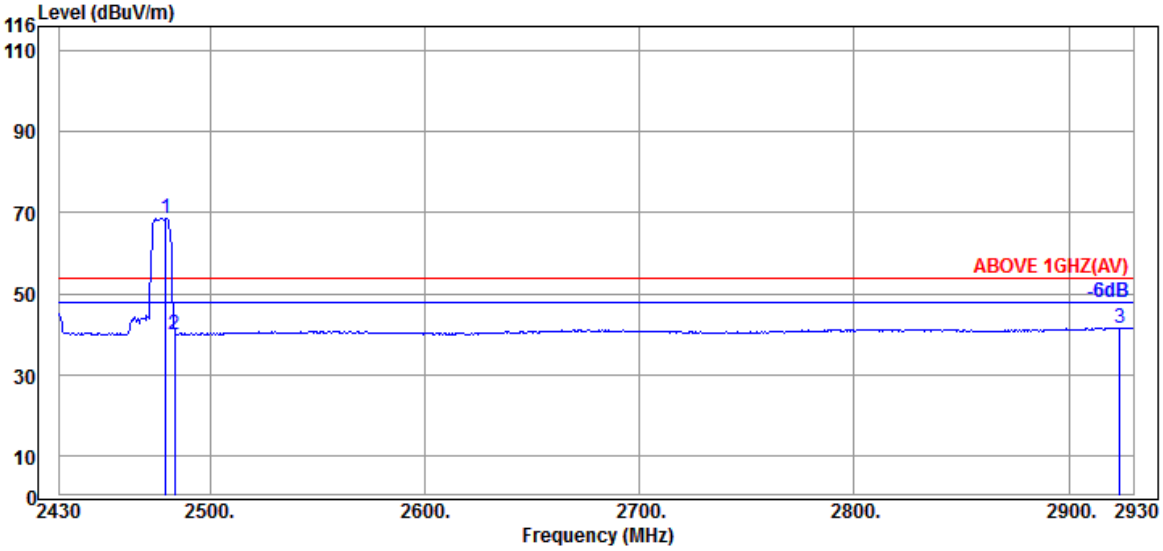
Mode	802.11ax-HE20	Frequency	TX 2472MHz
		RU Configuration	106/54



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2475.000	32.11	7.99	34.60	74.05	79.55	---	---	Peak
	2483.500	32.14	7.99	34.61	45.19	50.71	74.00	23.29	Peak
	2927.500	32.93	8.19	34.69	48.19	54.62	74.00	19.38	Peak



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2479.500	32.11	7.99	34.60	63.21	68.71	---	---	Average
	2483.500	32.14	7.99	34.61	34.50	40.02	54.00	13.98	Average
	2923.500	32.90	8.19	34.69	35.16	41.56	54.00	12.44	Average

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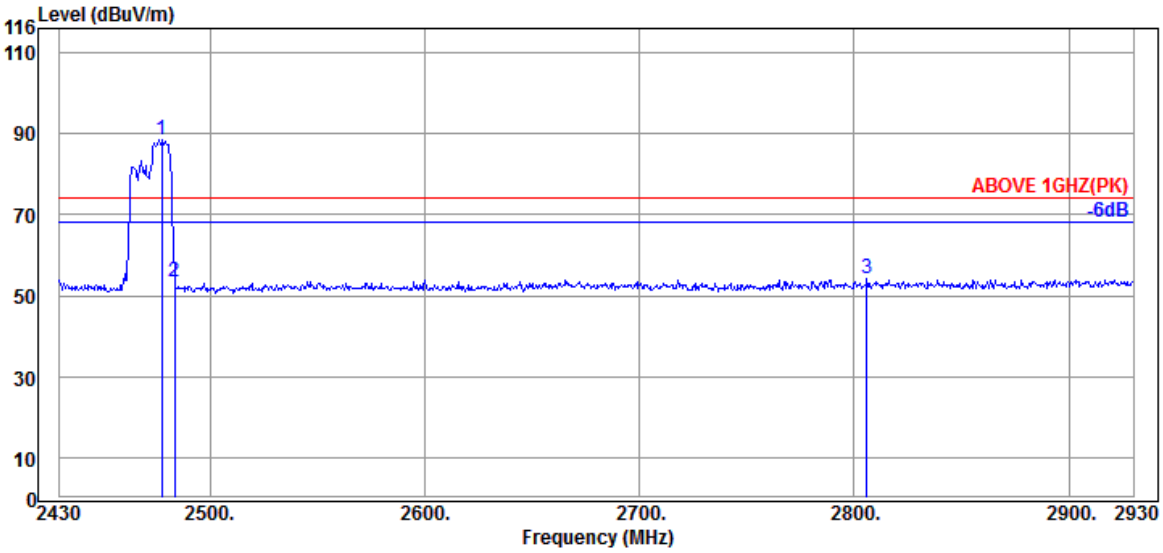
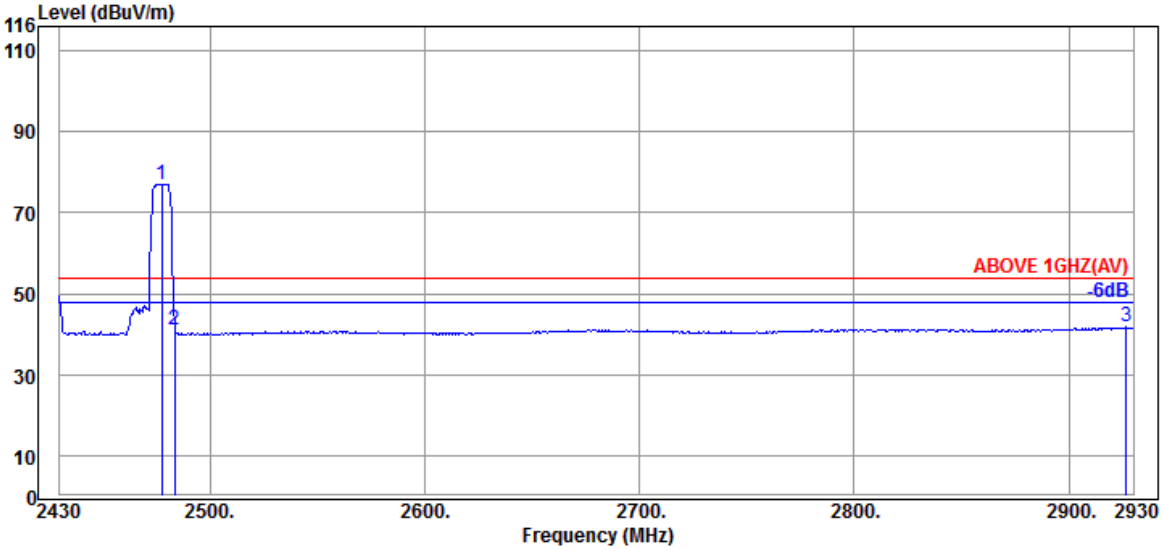
Mode	802.11ax-HE20	Frequency	TX 2472MHz
		RU Configuration	106/54



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	2477.500	32.11	7.99	34.60	83.17	88.67	---	---	Peak
	2483.500	32.14	7.99	34.61	47.90	53.42	74.00	20.58	Peak
	2806.000	32.68	8.14	34.67	47.98	54.13	74.00	19.87	Peak



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	2477.500	32.11	7.99	34.60	71.46	76.96	---	---	Average
	2483.500	32.14	7.99	34.61	35.40	40.92	54.00	13.08	Average
	2926.500	32.93	8.19	34.69	35.23	41.66	54.00	12.34	Average

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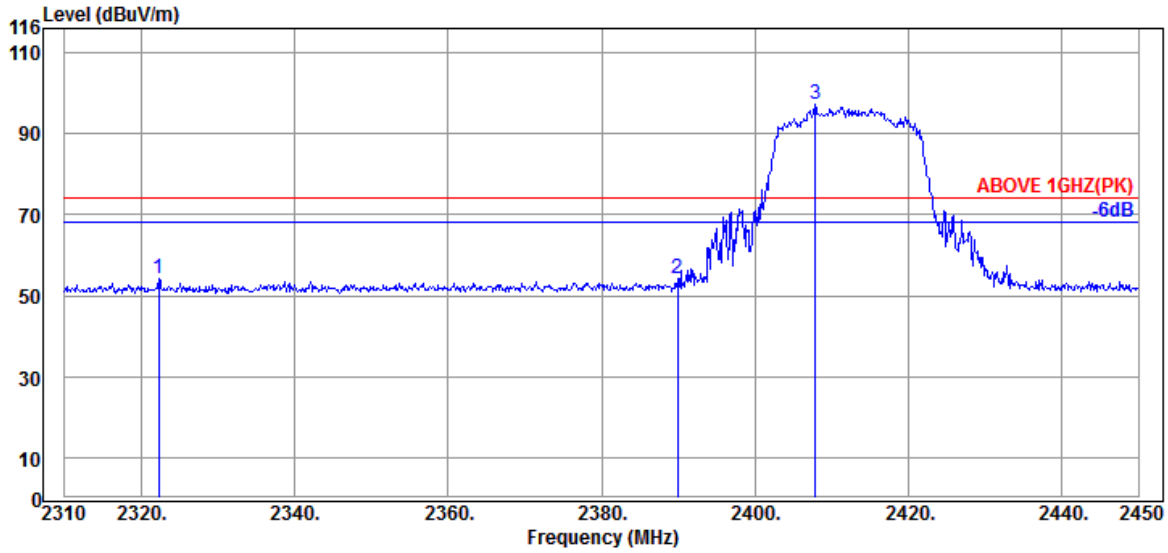
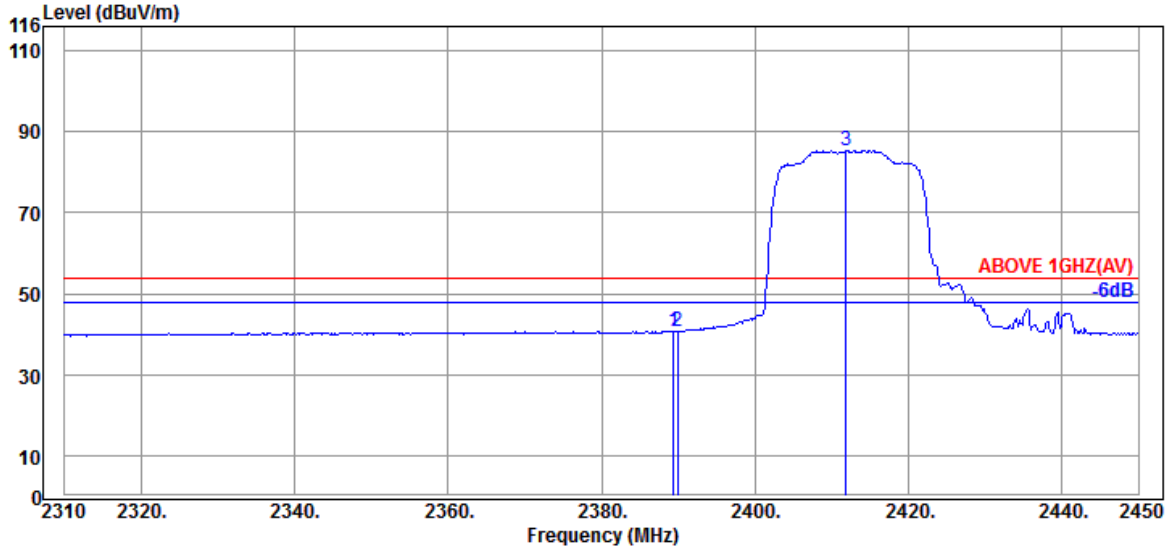
Mode	802.11ax-HE40	Frequency	TX 2422MHz
		RU Configuration	242/61



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
	2322.320	32.05	7.92	34.57	48.83	54.23	74.00	19.77	Peak
	2389.940	32.44	7.95	34.58	48.51	54.32	74.00	19.68	Peak
@	2407.860	32.43	7.96	34.59	91.34	97.14	---	---	Peak



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
	2389.380	32.44	7.95	34.58	34.98	44.02	54.00	9.98	Average
	2389.940	32.44	7.95	34.58	34.97	44.01	54.00	9.99	Average
@	2411.920	32.36	7.96	34.59	79.76	87.59	---	---	Average

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

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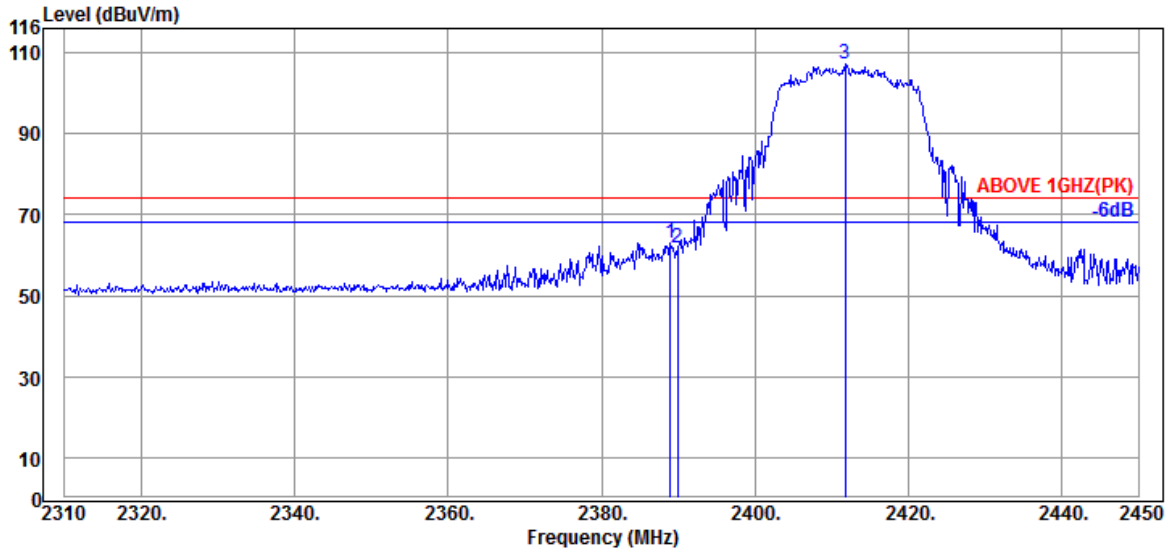
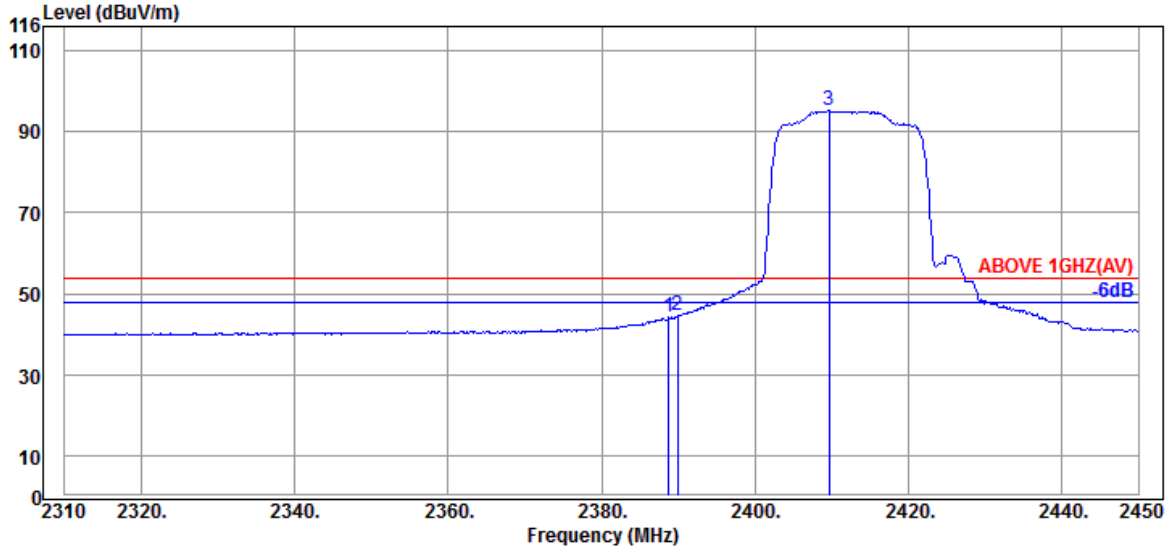
Mode	802.11ax-HE40	Frequency	TX 2422MHz
		RU Configuration	242/61



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
	2388.960	32.44	7.95	34.58	57.23	63.04	74.00	10.96	Peak
	2389.940	32.44	7.95	34.58	56.03	61.84	74.00	12.16	Peak
@	2411.780	32.36	7.96	34.59	101.41	107.14	---	---	Peak



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
	2388.820	32.44	7.95	34.58	38.37	44.18	54.00	9.82	Average
	2389.940	32.44	7.95	34.58	38.88	44.69	54.00	9.31	Average
@	2409.680	32.43	7.96	34.59	89.37	95.17	---	---	Average

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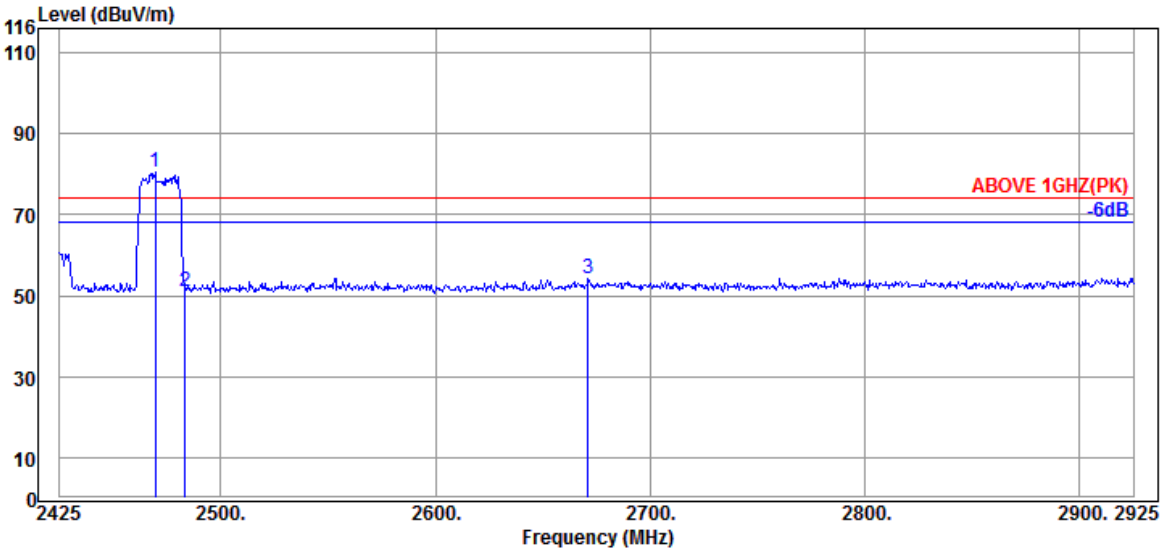
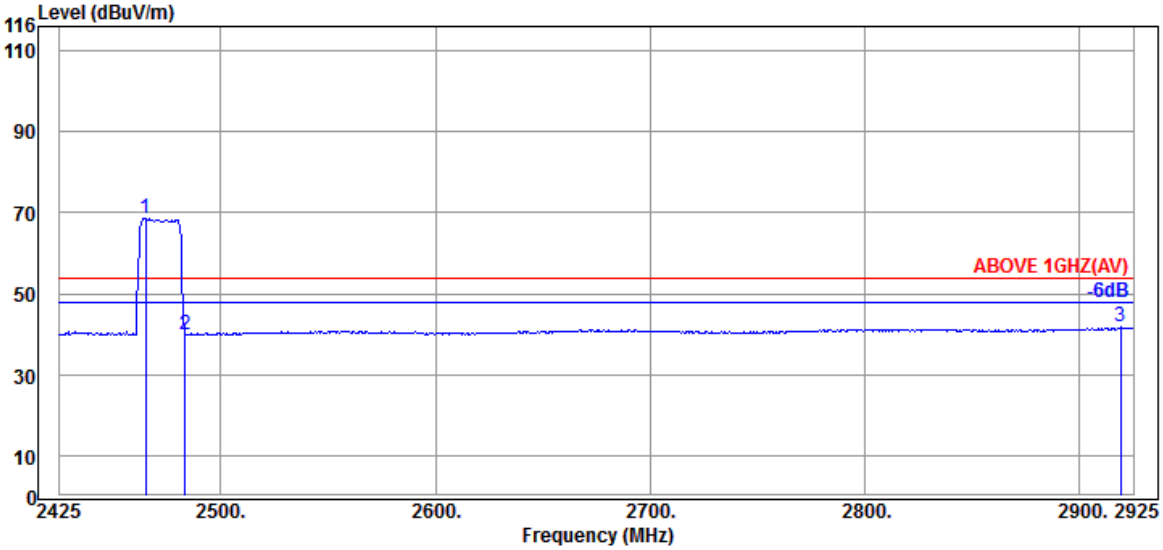
Mode	802.11ax-HE40	Frequency	TX 2467MHz
		RU Configuration	242/62



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2469.500	32.09	7.98	34.60	75.16	80.63	---	---	Peak
	2483.500	32.14	7.99	34.61	45.63	51.15	74.00	22.85	Peak
	2671.000	32.29	8.08	34.64	48.68	54.41	74.00	19.59	Peak



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2465.000	32.06	7.98	34.60	63.04	68.48	---	---	Average
	2483.500	32.14	7.99	34.61	34.44	39.96	54.00	14.04	Average
	2919.000	32.90	8.19	34.69	35.27	41.67	54.00	12.33	Average

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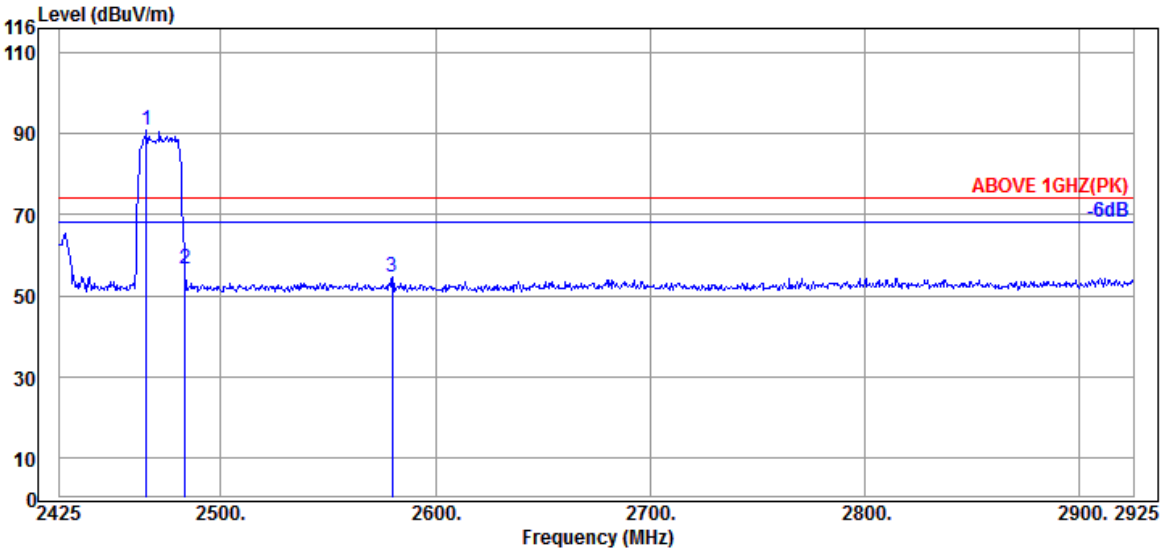
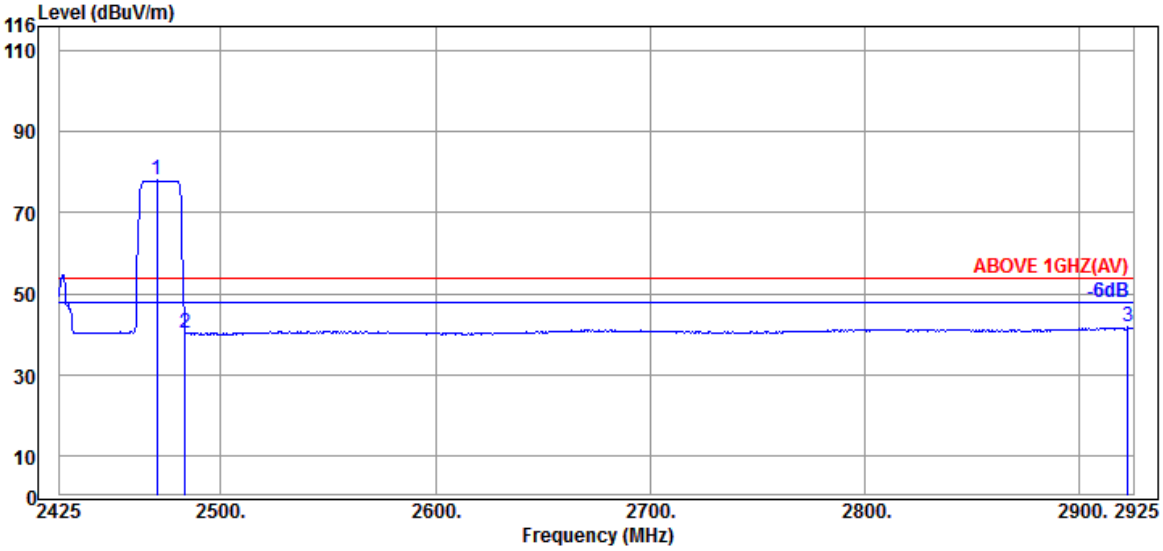
Mode	802.11ax-HE40	Frequency	TX 2467MHz
		RU Configuration	242/62



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2465.500	32.06	7.98	34.60	85.35	90.79	---	---	Peak
	2483.500	32.14	7.99	34.61	51.02	56.54	74.00	17.46	Peak
	2580.000	32.24	8.04	34.62	48.75	54.41	74.00	19.59	Peak



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2470.500	32.09	7.99	34.60	72.47	77.95	---	---	Average
	2483.500	32.14	7.99	34.61	34.81	40.33	54.00	13.67	Average
	2922.500	32.90	8.19	34.69	35.26	41.66	54.00	12.34	Average

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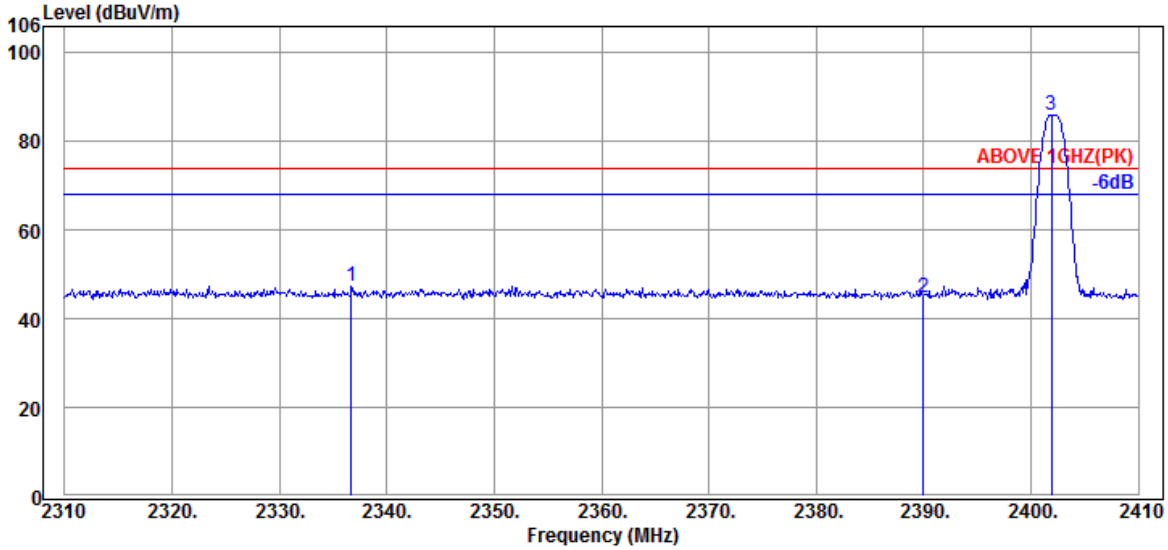
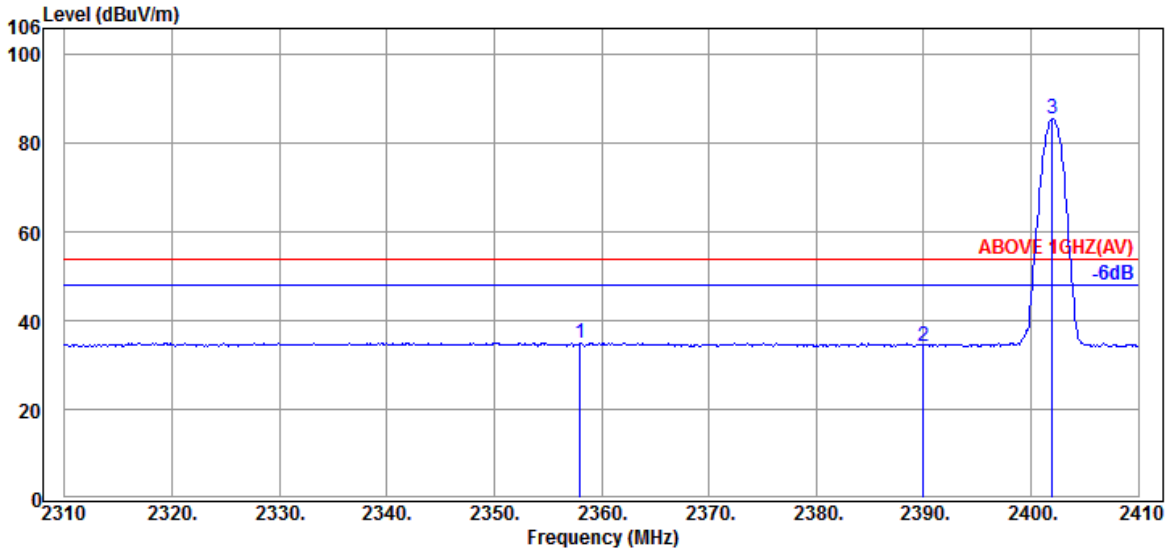
Mode	BLE (1M)	Frequency	TX 2402MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
	2336.700	32.17	7.92	34.57	41.79	47.31	74.00	26.69	Peak
	2390.000	32.44	7.95	34.58	39.13	44.94	74.00	29.06	Peak
@	2401.900	32.50	7.95	34.59	80.10	85.96	---	---	Peak



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
	2358.000	32.33	7.93	34.58	29.44	35.12	54.00	18.88	Average
	2390.000	32.44	7.95	34.58	28.60	34.41	54.00	19.59	Average
@	2402.000	32.50	7.95	34.59	79.65	85.51	---	---	Average

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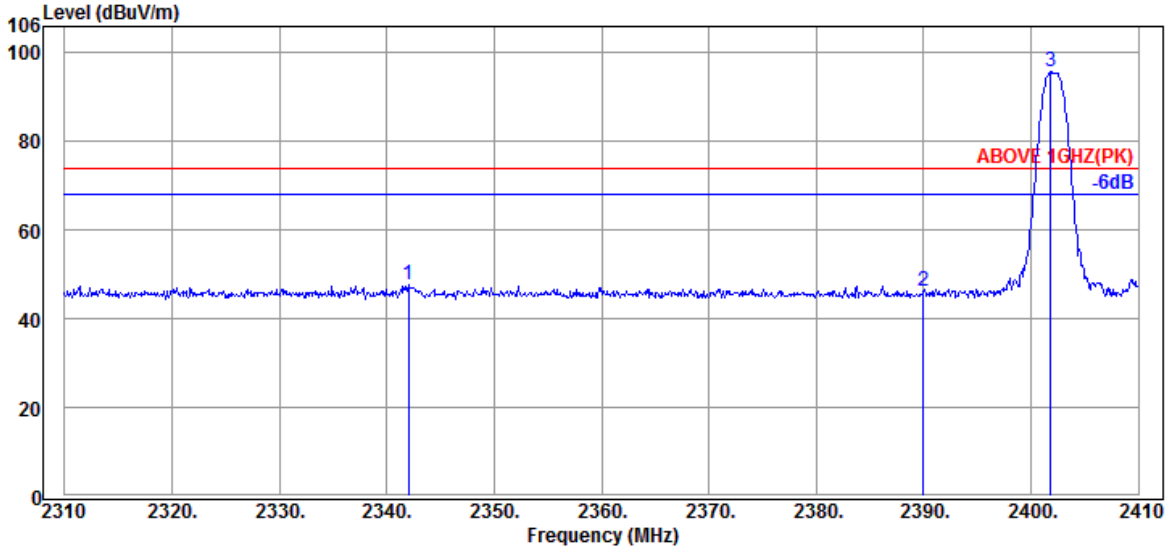
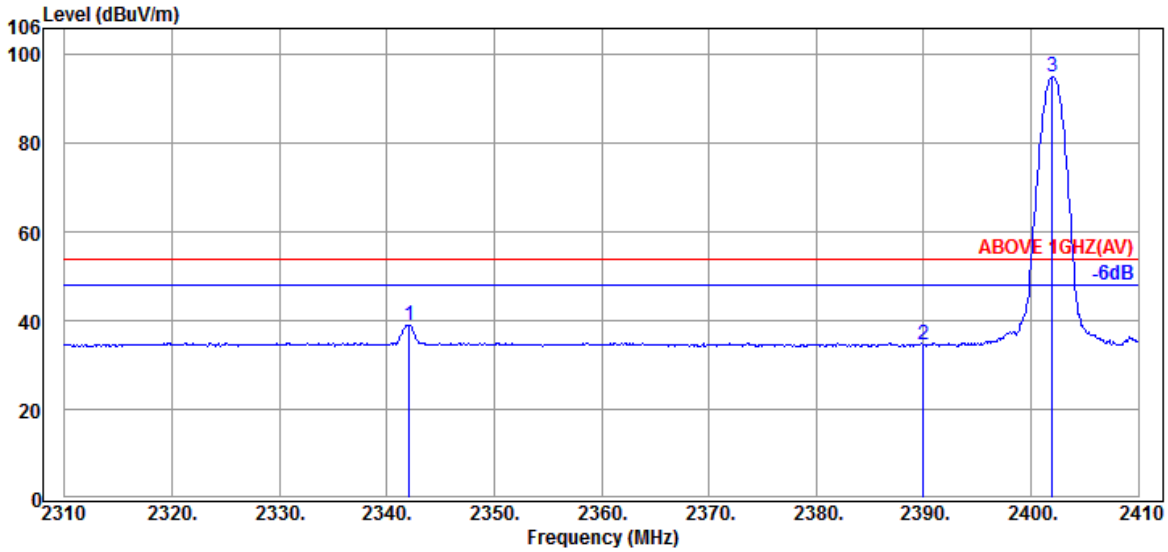
Mode	BLE (1M)	Frequency	TX 2402MHz



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
	2342.000	32.17	7.92	34.57	42.31	47.83	74.00	26.17	Peak
	2390.000	32.44	7.95	34.58	40.54	46.35	74.00	27.65	Peak
@	2401.800	32.50	7.95	34.59	89.77	95.63	---	---	Peak



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
	2342.100	32.17	7.92	34.57	33.54	39.06	54.00	14.94	Average
	2390.000	32.44	7.95	34.58	28.89	34.70	54.00	19.30	Average
@	2402.000	32.50	7.95	34.59	89.15	95.01	---	---	Average

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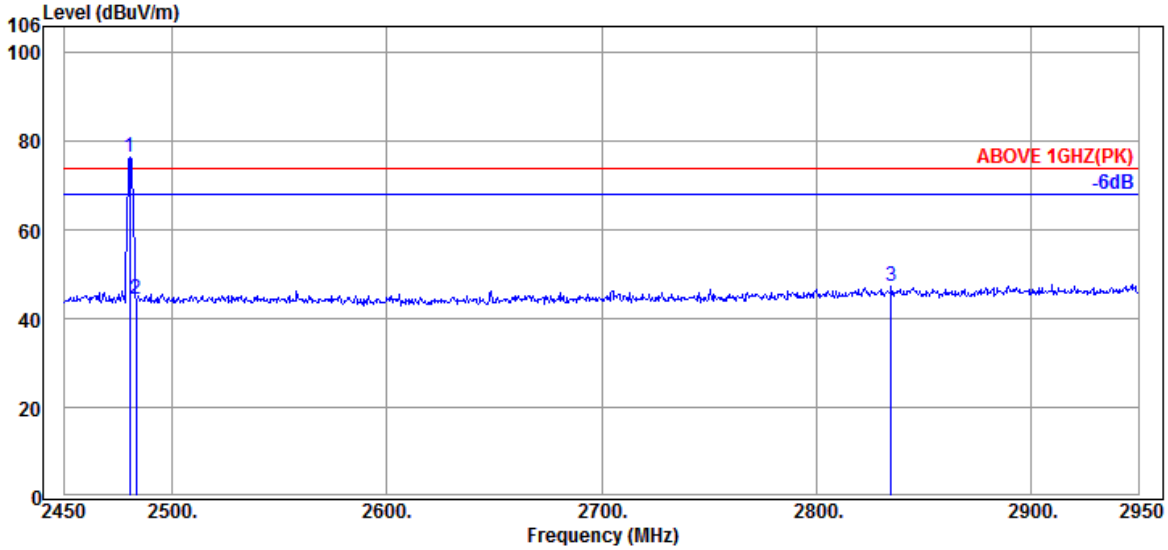
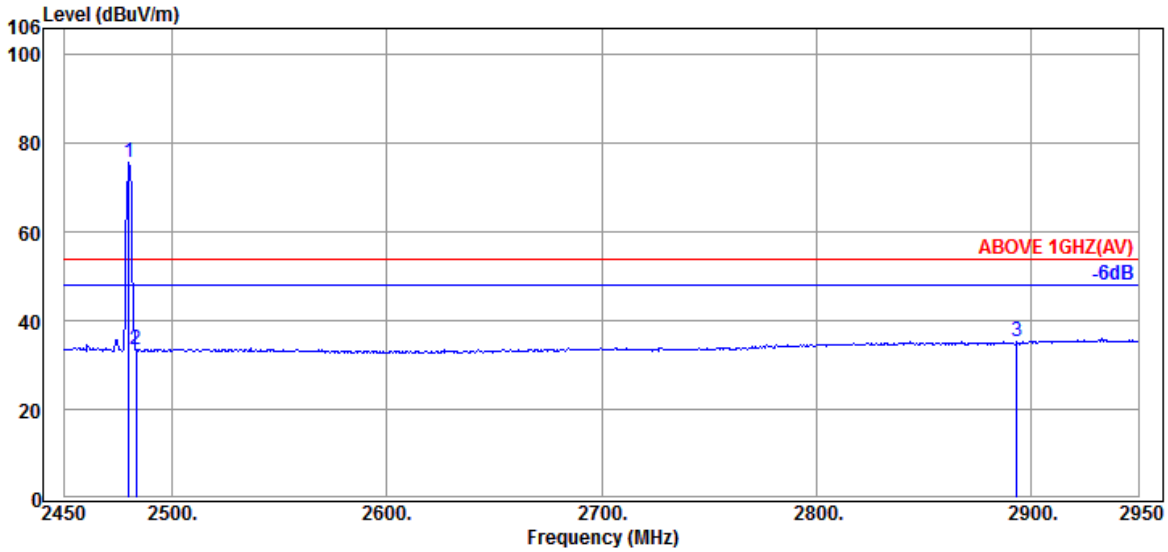
Mode	BLE (1M)	Frequency	TX 2480MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2480.500	32.11	7.99	34.60	70.92	76.42	---	---	Peak
	2483.500	32.14	7.99	34.61	38.78	44.30	74.00	29.70	Peak
	2835.000	33.02	8.15	34.67	40.84	47.34	74.00	26.66	Peak



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2480.000	32.11	7.99	34.60	70.19	75.69	---	---	Average
	2483.500	32.14	7.99	34.61	27.82	33.34	54.00	20.66	Average
	2893.500	32.80	8.17	34.68	29.16	35.45	54.00	18.55	Average

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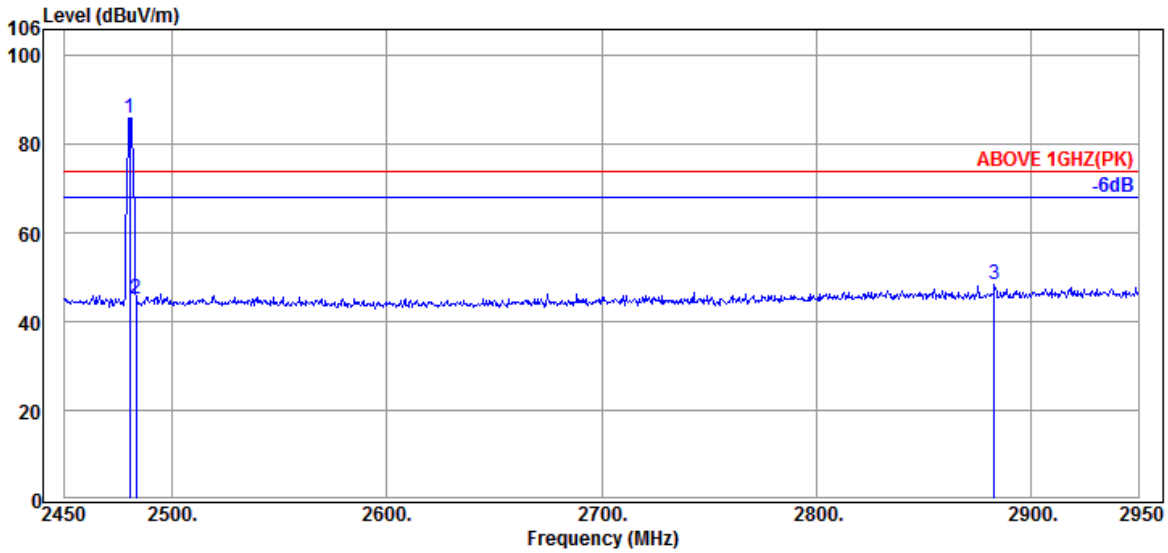
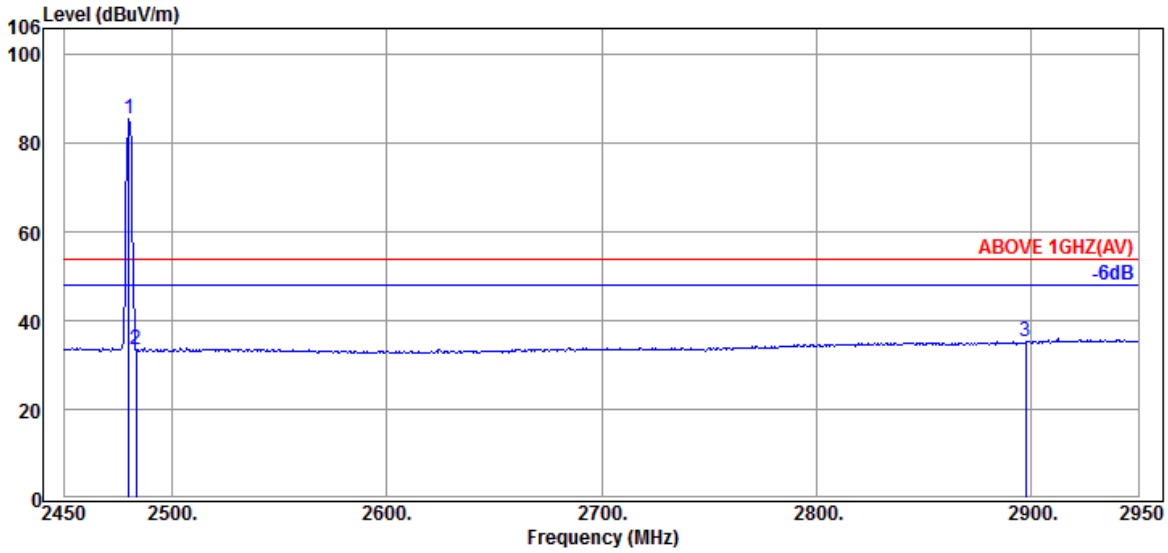
Mode	BLE (1M)	Frequency	TX 2480MHz



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2480.500	32.11	7.99	34.60	80.51	86.01	---	---	Peak
	2483.500	32.14	7.99	34.61	39.82	45.34	74.00	28.66	Peak
	2883.000	32.90	8.17	34.68	42.04	48.43	74.00	25.57	Peak



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2480.000	32.11	7.99	34.60	79.97	85.47	---	---	Average
	2483.500	32.14	7.99	34.61	28.02	33.54	54.00	20.46	Average
	2897.500	32.80	8.17	34.68	29.05	35.34	54.00	18.66	Average

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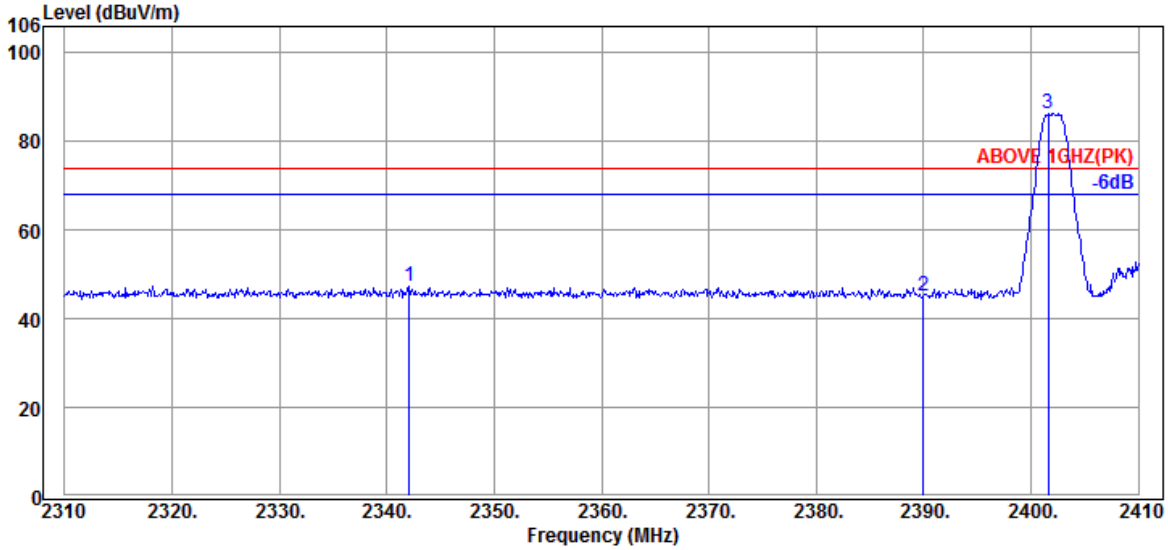
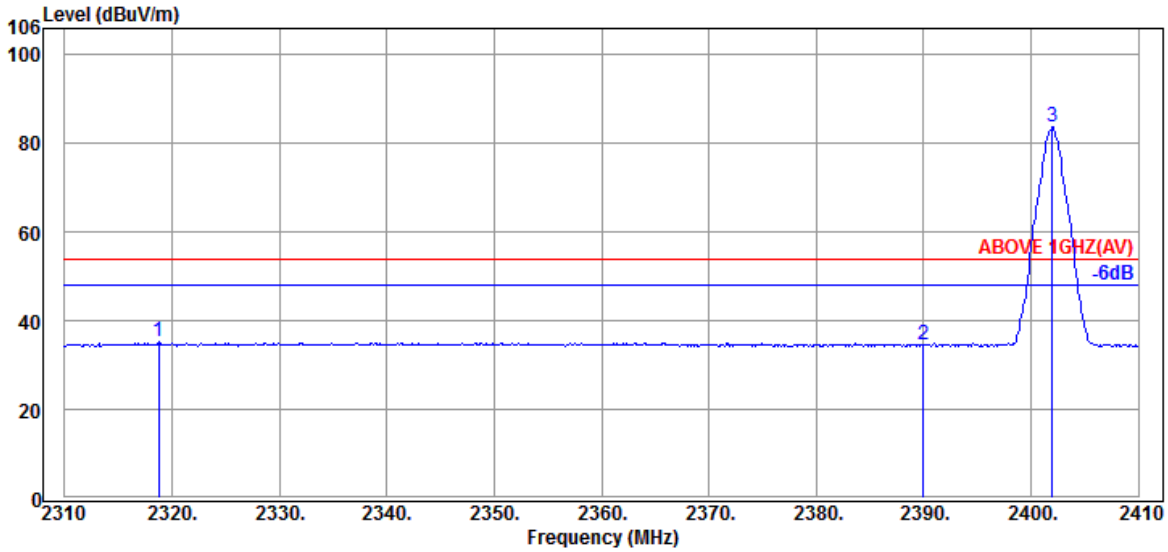
Mode	BLE (2M)	Frequency	TX 2402MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
	2342.100	32.17	7.92	34.57	41.86	47.38	74.00	26.62	Peak
	2390.000	32.44	7.95	34.58	39.38	45.19	74.00	28.81	Peak
@	2401.600	32.50	7.95	34.59	80.35	86.21	---	---	Peak



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
	2318.800	31.99	7.92	34.57	29.82	35.16	54.00	18.84	Average
	2390.000	32.44	7.95	34.58	28.76	34.57	54.00	19.43	Average
@	2402.000	32.50	7.95	34.59	77.78	83.64	---	---	Average

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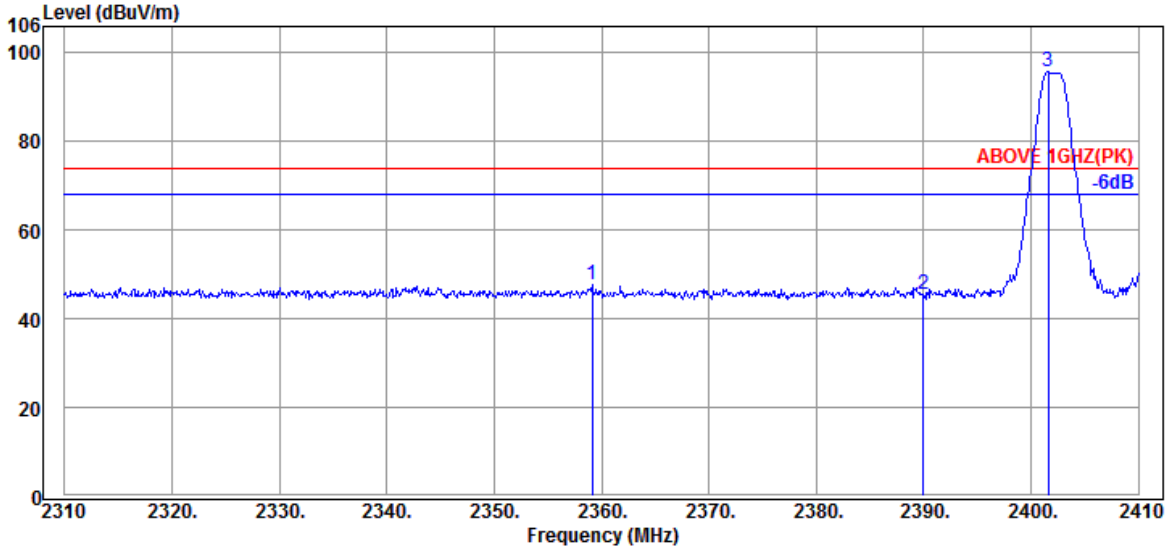
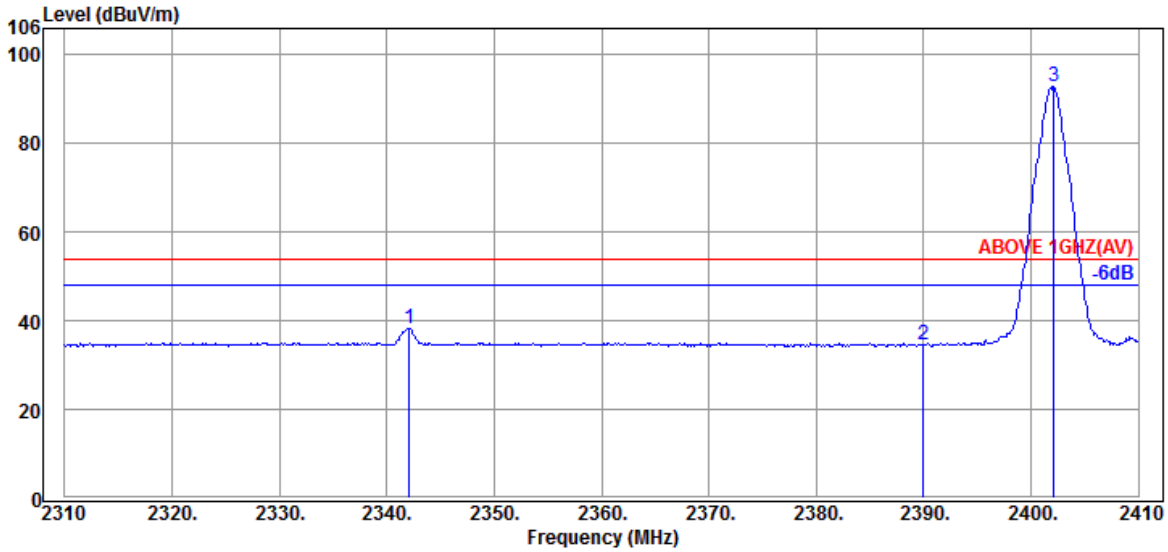
Mode	BLE (2M)	Frequency	TX 2402MHz



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
	2359.100	32.33	7.93	34.58	41.97	47.65	74.00	26.35	Peak
	2390.000	32.44	7.95	34.58	39.72	45.53	74.00	28.47	Peak
@	2401.600	32.50	7.95	34.59	89.78	95.64	---	---	Peak



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
	2342.100	32.17	7.92	34.57	32.76	38.28	54.00	15.72	Average
	2390.000	32.44	7.95	34.58	28.76	34.57	54.00	19.43	Average
@	2402.100	32.50	7.95	34.59	86.92	92.78	---	---	Average

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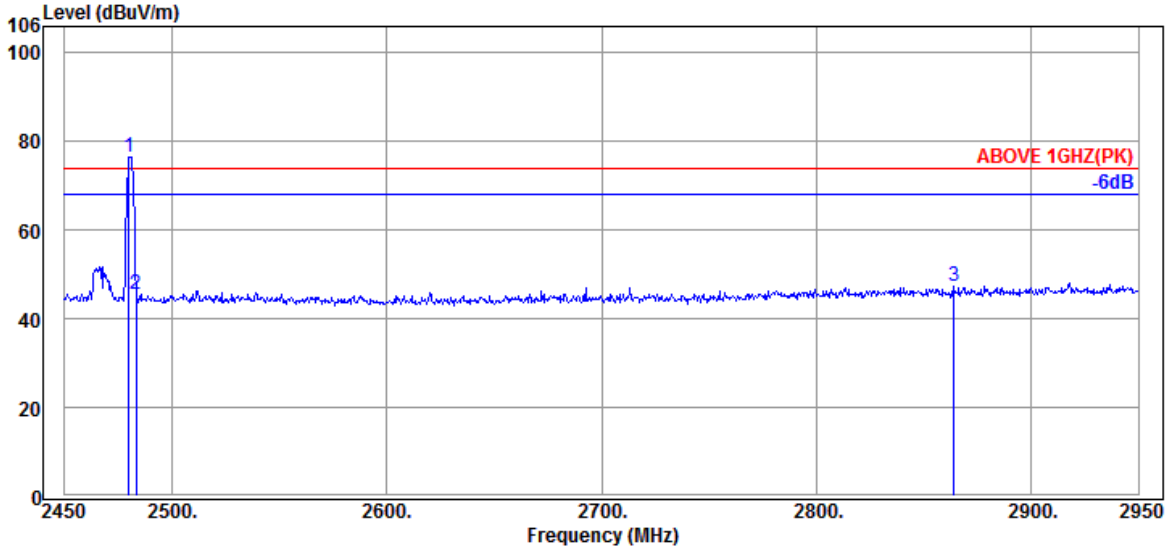
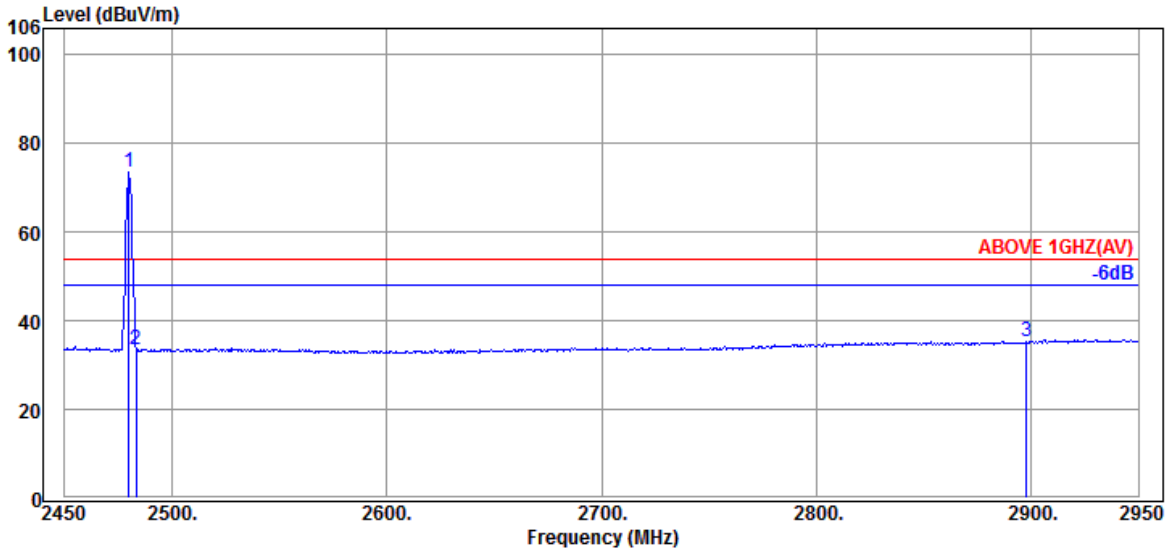
Mode	BLE (2M)	Frequency	TX 2480MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2480.000	32.11	7.99	34.60	71.13	76.63	---	---	Peak
	2483.500	32.14	7.99	34.61	39.85	45.37	74.00	28.63	Peak
	2864.000	33.00	8.17	34.68	41.00	47.49	74.00	26.51	Peak



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2480.000	32.11	7.99	34.60	68.12	73.62	---	---	Average
	2483.500	32.14	7.99	34.61	27.86	33.38	54.00	20.62	Average
	2898.000	32.80	8.17	34.68	29.12	35.41	54.00	18.59	Average

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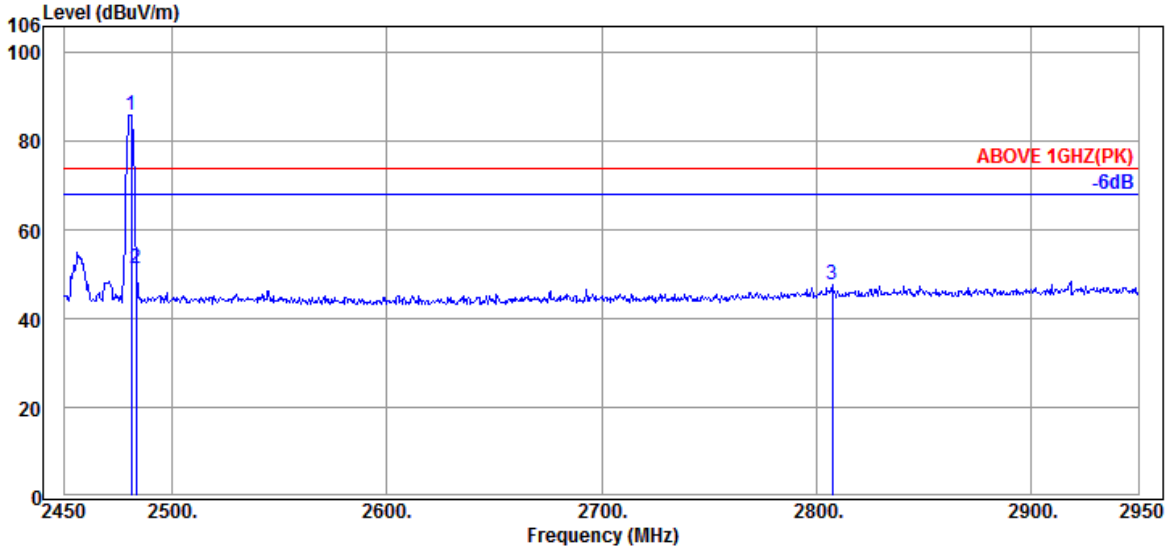
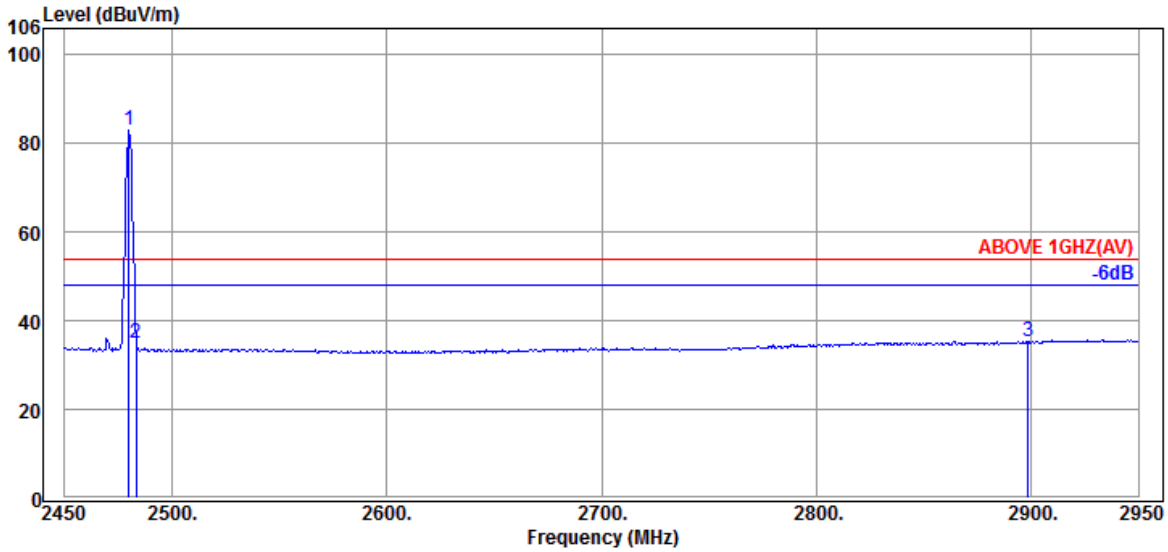
Mode	BLE (2M)	Frequency	TX 2480MHz



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2481.000	32.11	7.99	34.60	80.45	85.95	---	---	Peak
	2483.500	32.14	7.99	34.61	45.96	51.48	74.00	22.52	Peak
	2807.500	32.68	8.14	34.67	41.48	47.63	74.00	26.37	Peak



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Detector
@	2480.000	32.11	7.99	34.60	77.47	82.97	---	---	Average
	2483.500	32.14	7.99	34.61	29.34	34.86	54.00	19.14	Average
	2898.500	32.80	8.18	34.68	28.98	35.28	54.00	18.72	Average

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A.2.2 Emissions outside the frequency band:

The emissions (up to 25GHz) not reported for there is no emission be found.

Mode	802.11b	Frequency	TX 2442MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4884.000	34.03	10.54	34.45	30.16	40.28	54.00	13.72	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4884.000	34.03	10.54	34.45	33.06	43.18	54.00	10.82	Peak

Mode	802.11g	Frequency	TX 2442MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4884.000	34.03	10.54	34.45	33.29	43.41	54.00	10.59	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4884.000	34.03	10.54	34.45	32.12	42.24	54.00	11.76	Peak

Mode	802.11n-HT20	Frequency	TX 2442MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4884.000	34.03	10.54	34.45	30.38	40.50	54.00	13.50	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4884.000	34.03	10.54	34.45	34.58	44.70	54.00	9.30	Peak

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Mode	802.11n-HT40	Frequency	TX 2442MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4884.000	34.03	10.54	34.45	31.12	41.24	54.00	12.76	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4884.000	34.03	10.54	34.45	31.23	41.35	54.00	12.65	Peak

Mode	802.11ax-HE20	Frequency	TX 2442MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4884.000	34.03	10.54	34.45	31.88	42.00	54.00	12.00	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4884.000	34.03	10.54	34.45	31.98	42.10	54.00	11.90	Peak

Mode	802.11ax-HE40	Frequency	TX 2442MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4884.000	34.03	10.54	34.45	30.52	40.64	54.00	13.36	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4884.000	34.03	10.54	34.45	31.09	41.21	54.00	12.79	Peak

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Mode	BLE (1M)	Frequency	TX 2402MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4960.000	34.10	10.60	34.44	31.63	41.89	54.00	12.11	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4960.000	34.10	10.60	34.44	29.89	40.15	54.00	13.85	Peak

Mode	BLE (1M)	Frequency	TX 2440MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4960.000	34.10	10.60	34.44	31.63	41.89	54.00	12.11	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4960.000	34.10	10.60	34.44	29.89	40.15	54.00	13.85	Peak

Mode	BLE (1M)	Frequency	TX 2480MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4960.000	34.10	10.60	34.44	31.63	41.89	54.00	12.11	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4960.000	34.10	10.60	34.44	29.89	40.15	54.00	13.85	Peak

A.2.3 Emissions in Non-restricted Frequency Bands:

Pursuant to ANSI C63.10:2013 that emission levels below the FCC 15.209(a)/RSS-Gen Section 8.9table 4 general radiated emissions limits is not required.

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A.3 6dB/OCCUPIED BANDWIDTH

Test Date	2019/09/19 ~ 25	Temp./Hum.	24~25℃/50~54%
Cable Loss	0.5dB	Tested By	Martin Chen
Test Voltage	AC 120V, 60Hz (via AC Adapter)		

A.3.1 Emission Bandwidth Result

Mode	Centre Frequency (MHz)	6 dB Bandwidth (MHz)	Occupied (99%) Bandwidth (MHz)	Limit
802.11b	2412	10.14	13.386	>500kHz
	2442	10.14	13.444	
	2462	10.14	13.398	
	2472	10.14	13.854	
802.11g	2412	16.38	16.607	
	2442	16.40	16.800	
	2462	16.38	16.678	
	2472	16.38	16.370	
802.11n-HT20	2412	17.62	17.781	
	2442	17.62	17.812	
	2462	17.62	17.794	
	2472	17.62	17.594	
802.11n-HT40	2422	36.40	36.208	
	2442	36.40	36.231	
	2452	36.36	36.187	
	2462	36.36	36.106	
802.11ax-HE20	2412	18.98	18.978	
	2442	18.85	18.988	
	2462	18.85	19.011	
	2472	18.63	18.708	
802.11ax-HE40	2422	38.01	37.753	
	2442	38.02	37.729	
	2452	38.03	37.740	
	2462	37.77	37.474	

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Mode	RU Configuration	Centre Frequency (MHz)	6 dB Bandwidth (MHz)	Occupied (99%) Bandwidth (MHz)	Limit
802.11ax-HE20	26/0	2412	2.063	18.272	>500kHz
	52/37		14.48	18.129	
	106/53		17.19	18.198	
	26/8	2472	2.032	18.036	
	52/40		16.96	17.940	
	106/54		17.04	17.965	
802.11ax-HE40	242/61	2422	18.88	18.740	
	242/62	2462	18.58	18.513	

Mode	Centre Frequency (MHz)	6 dB Bandwidth (MHz)	Occupied (99%) Bandwidth (MHz)	Limit
BLE	2402	0.6760	1.0648	>500kHz
	2440	0.6844	1.0613	
	2480	0.6956	1.0633	

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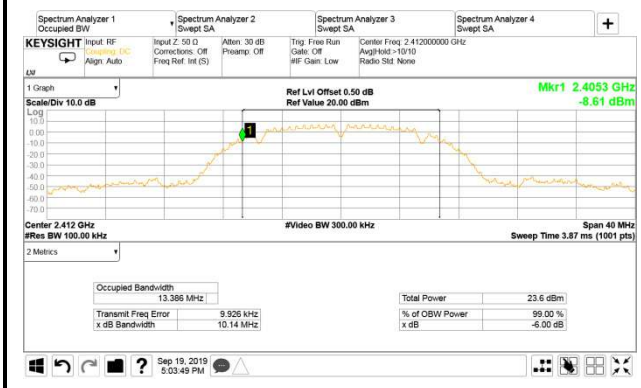
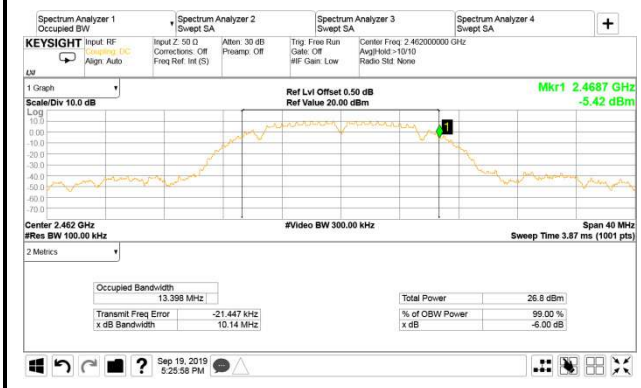
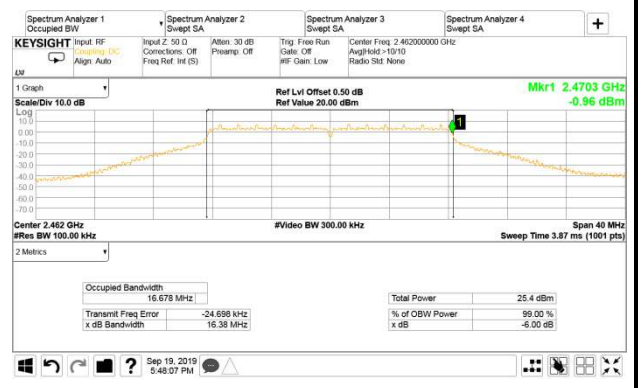
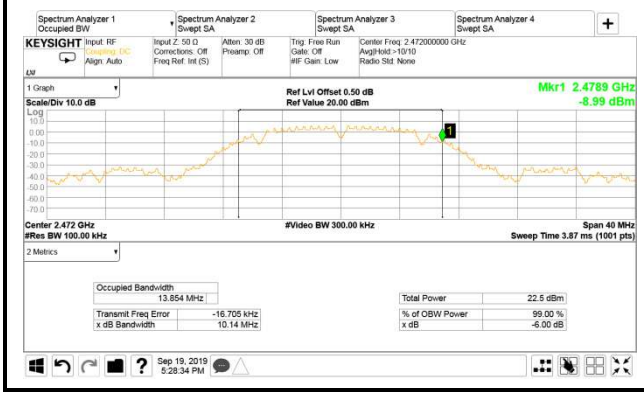
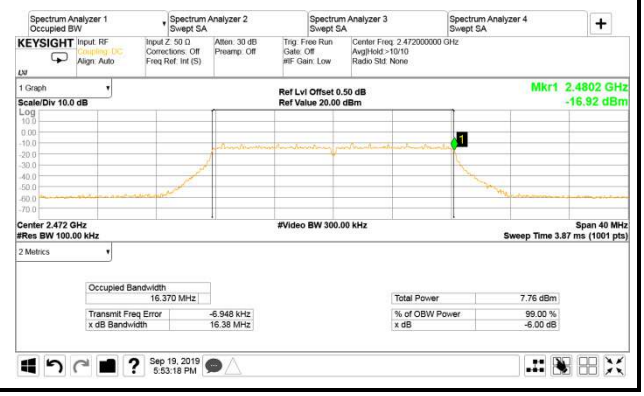
A.3.2 Measurement Plots

802.11b	802.11g
	
	
	
	

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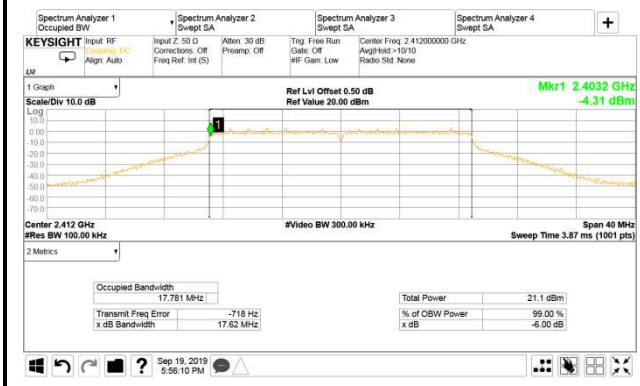
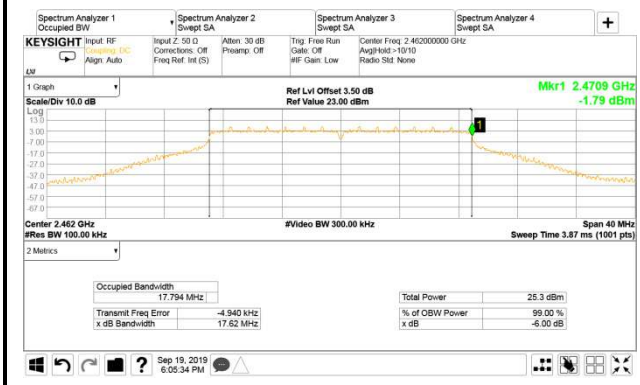
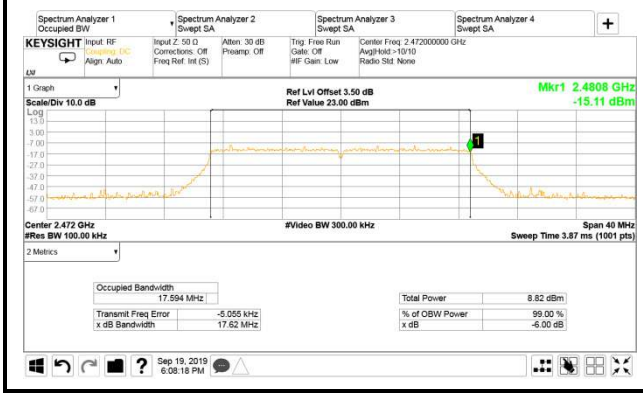
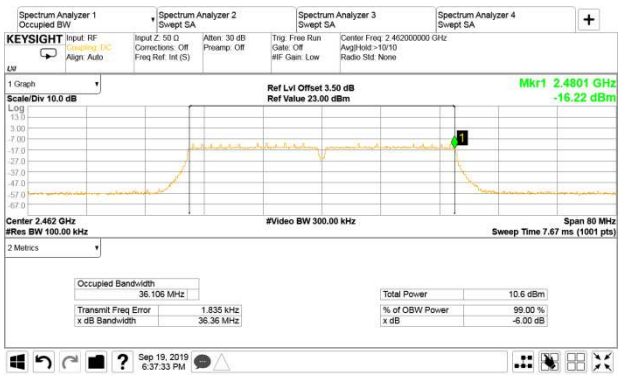
802.11n-HT20	802.11n-HT40
	
	
	
	

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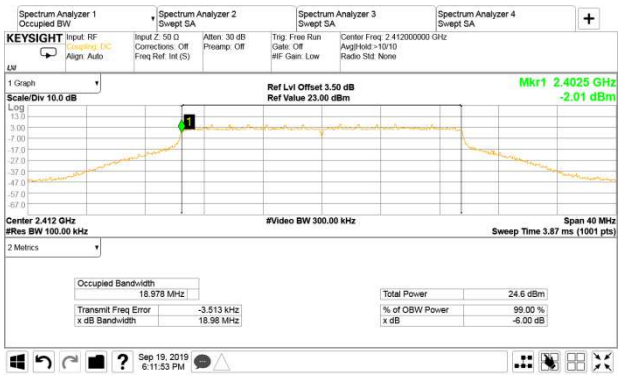
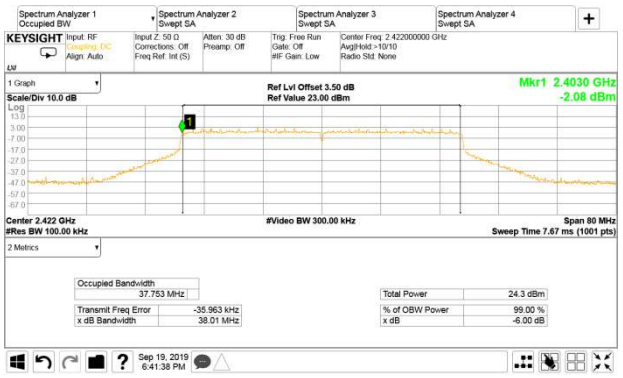
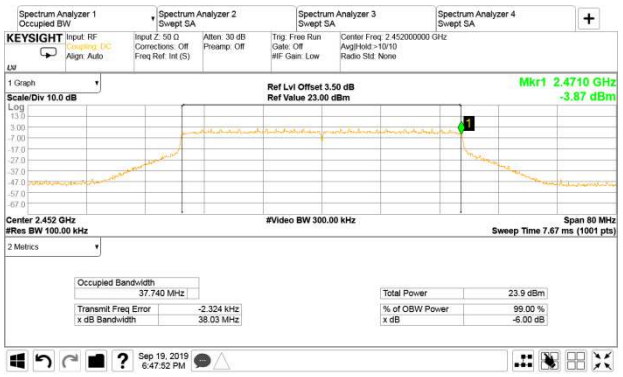
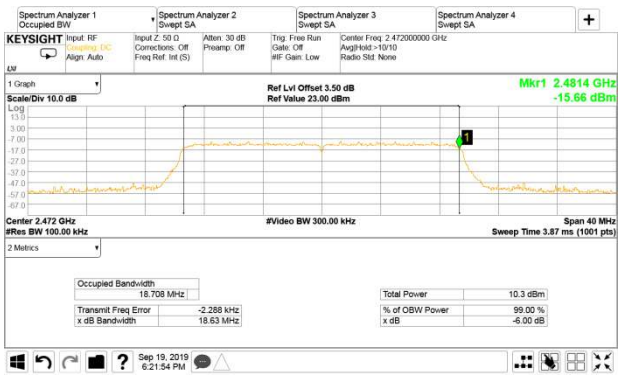
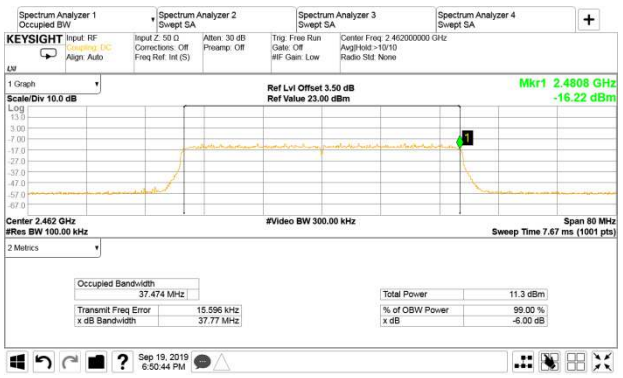
802.11ax-HE20	802.11ax-HE40
	
	
	
	

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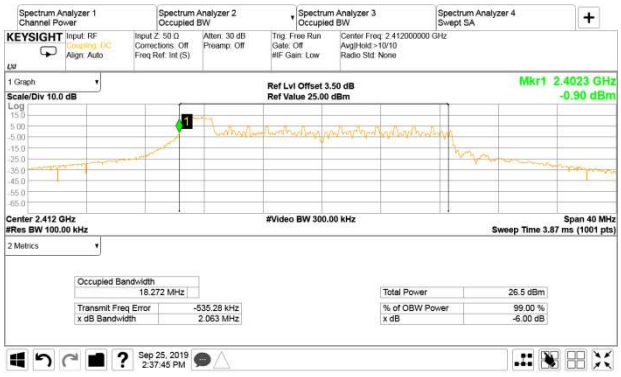
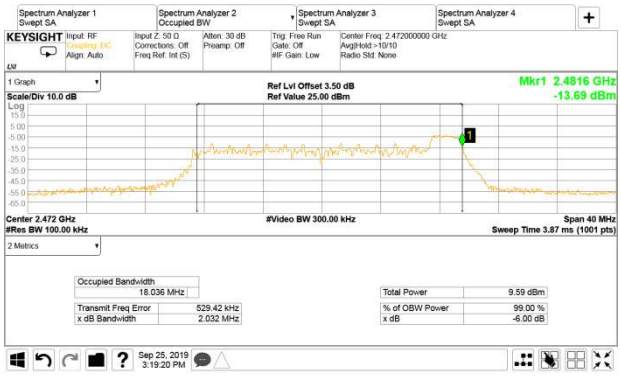
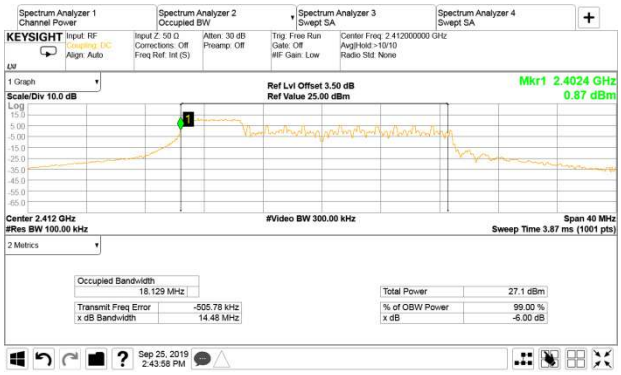
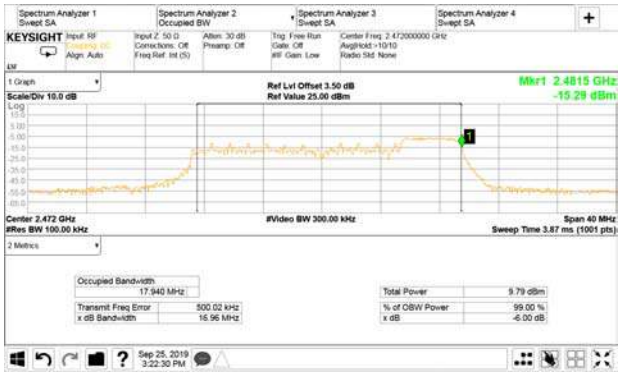
802.11ax-HE20	
2412MHz	2472MHz
RU Configuration: 26/0	RU Configuration: 26/8
	
RU Configuration: 52/37	RU Configuration: 52/40
	
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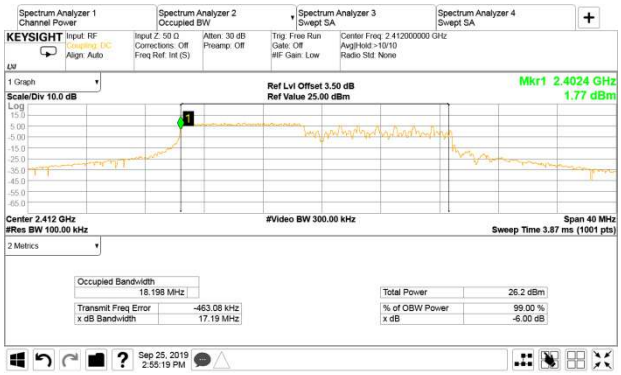	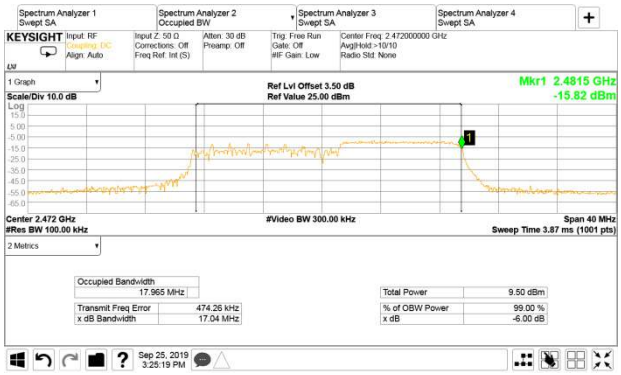

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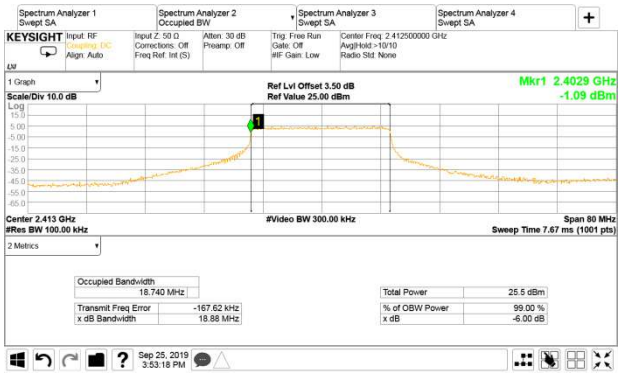
802.11ax-HE40	
2422MHz	2462MHz
RU Configuration: 242/61	RU Configuration: 242/62
	

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BLE