

FCC 15.247 & RSS-247 2.4 GHz Test Report

for

Samsung Electronics Co., Ltd.

**129 Samsung-ro, Yeongtong-gu Suwon-Si Gyeonggi-do 16677
Korea (Republic Of)**

Product Name : Wi-Fi/BT Transceiver
Model Name : WCT750M
Brand : SAMSUNG
FCC ID : A3LWCT750M
IC : 649E-WCT750M

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



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

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TEST REPORT CERTIFICATION

Applicant : Samsung Electronics Co., Ltd.
Manufacturer : Samsung Electronics Co., Ltd.
Factory : Chengdu Xuguang Technology Co., Ltd.

EUT Description

(1) Product : Wi-Fi/BT Transceiver
(2) Model : WCT750M
(3) Brand : SAMSUNG
(4) Power Supply: DC 5V

Applicable Standards:

47 CFR FCC 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.

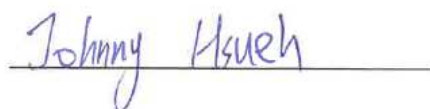
Date of Report: 2019. 12. 18

Reviewed by:



(Annie Yu/Administrator)

Approved by:



(Johnny Hsueh/Section Manager)



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1. REVISION RECORD OF TEST REPORT

Edition No	Issued Data	Revision Summary	Report Number
0	2019. 12. 18	Original Report	EM-F190492

2. SUMMARY OF TEST RESULTS

Rule		Description	Results
FCC	IC		
15.207	RSS-Gen §8.8	Conducted Emission	PASS
15.247(d)/ 15.205	RSS-Gen §8.9 RSS-247 §5.5	Radiated Band Edge and Radiated Spurious Emission	PASS
15.247(a)(2)	RSS-247 §5.2(1)	6dB/Occupied Bandwidth	PASS
15.247(b)(3)	RSS-247 §5.4(4)	Maximum Peak Output Power	PASS
15.247(d)	RSS-247 §5.5	Conducted Band Edges and Conducted Spurious Emission	PASS
15.247 (e)	RSS-247 §5.2(2)	Peak Power Spectral Density	PASS
15.203	RSS-Gen §8.3	Antenna Requirement	Compliance
Note: The uncertainties value is not used in determining the result.			

3. GENERAL INFORMATION

3.1. Description of Application

Applicant	Samsung Electronics Co., Ltd. 129 Samsung-ro, Yeongtong-gu Suwon-Si Gyeonggi-do 16677 Korea (Republic Of)
Manufacturer	Samsung Electronics Co., Ltd. 129 Samsung-ro, Yeongtong-gu Suwon-Si Gyeonggi-do 16677 Korea (Republic Of)
Factory	Chengdu Xuguang Technology Co., Ltd. No. 86 2 nd Section, Park Road, Longquanyi District, Chengdu City, Sichuan Province, P.R China
Product	Wi-Fi/BT Transceiver The EUT has twp chipsets (MT7668AUN and MT7915DUN).
Model	WCT750M
Brand	SAMSUNG

3.2. Description of EUT

Test Model	WCT750M																																														
Serial Number	N/A																																														
Power Rating	DC 5V																																														
RF Features	Chipset: MT7668AUN WLAN: 802.11 a/b/g/n/ac Bluetooth: BT and BLE (BT 5.0) Chipset: MT7915DUN WLAN: 802.11 a/b/g/n/ac/ax																																														
Transmit Type	Chipset: MT7668AUN <table border="1"> <thead> <tr> <th colspan="2">2.4 GHz</th> </tr> </thead> <tbody> <tr> <td>802.11b</td><td>2T2R</td> </tr> <tr> <td>802.11g</td><td>2T2R</td> </tr> <tr> <td>802.11n-HT20</td><td>2T2R</td> </tr> <tr> <td>802.11n-HT40</td><td>2T2R</td> </tr> <tr> <td>BT/BLE</td><td>1T1R</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="2">UNII Bands</th> </tr> </thead> <tbody> <tr> <td>802.11a</td><td>2T2R</td> </tr> <tr> <td>802.11n-HT20/802.11ac-VHT20</td><td>2T2R</td> </tr> <tr> <td>802.11n-HT40/802.11ac-VHT40</td><td>2T2R</td> </tr> <tr> <td>802.11ac-VHT80</td><td>2T2R</td> </tr> </tbody> </table> Chipset: MT7915DUN <table border="1"> <thead> <tr> <th colspan="2">2.4 GHz</th> </tr> </thead> <tbody> <tr> <td>802.11b</td><td>2T2R</td> </tr> <tr> <td>802.11g</td><td>2T2R</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> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="2">UNII Bands</th> </tr> </thead> <tbody> <tr> <td>802.11a</td><td>2T2R</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> </tbody> </table>	2.4 GHz		802.11b	2T2R	802.11g	2T2R	802.11n-HT20	2T2R	802.11n-HT40	2T2R	BT/BLE	1T1R	UNII Bands		802.11a	2T2R	802.11n-HT20/802.11ac-VHT20	2T2R	802.11n-HT40/802.11ac-VHT40	2T2R	802.11ac-VHT80	2T2R	2.4 GHz		802.11b	2T2R	802.11g	2T2R	802.11n-HT20	2T2R	802.11n-HT40	2T2R	802.11ax-HE20	2T2R	802.11ax-HE40	2T2R	UNII Bands		802.11a	2T2R	802.11n-HT20/802.11ac-VHT20/802.11ax-HE20	2T2R	802.11n-HT40/802.11ac-VHT40/802.11ax-HE40	2T2R	802.11ac-VHT80/802.11ax-HE80	2T2R
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802.11ac-VHT80/802.11ax-HE80	2T2R																																														
Software Version	N/A																																														



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Sample Status	Mass production
Date of Receipt	2019. 11. 19
Date of Test	2019. 11. 29 ~ 12. 13
Interface Ports of EUT	None
Accessories Supplied	None

3.3. Antenna Information

Chipset:MT7668AUN					
No.	Antenna Part Number	Manufacture	Antenna Type	Frequency (MHz)	Max Gain (dBi)
1.	WA-P-LALBLB-12-001 (WiFi 1)	INPAQ	Pattern Antenna	2400	-6.07
				2425	-4.16
				2450	-3.06
				2485	-6.29
				5150	-2.28
				5250	-4.15
				5350	-6.35
				5450	-5.62
				5550	2.22
				5650	-1.03
				5750	-6.66
				5850	-8.24
2.	WA-P-LALBLB-12-001 (WiFi 2)	INPAQ	Pattern Antenna	2400	-10.56
				2425	-10.64
				2450	-9.74
				2485	-13.08
				5150	-5.32
				5250	-4.92
				5350	-5.89
				5450	-7.83
				5550	-8.29
				5650	-3.72
				5750	0.79
				5850	-5.95
3	WA-P-LALBLB-12-001 (BT)	INPAQ	Pattern Antenna	2400	-10.18
				2425	-8.43
				2450	-4.74
				2480	-3.57
Note 1. 2.4G: Directional gain = 10 log[(10 ^{-3.06/20} +10 ^{-9.74/20}) ² /2]= -2.76dBi					
Note 2. UNII-I: Directional gain = 10 log[(10 ^{-2.28/20} +10 ^{-4.92/20}) ² /2]= -0.49dBi					
Note 3. UNII-2A: Directional gain = 10 log[(10 ^{-4.15/20} +10 ^{-4.92/20}) ² /2]= -1.51dBi					
Note 4. UNII-2C: Directional gain = 10 log[(10 ^{2.22/20} +10 ^{-3.72/20}) ² /2]= 2.75dBi					
Note 5. UNII-III: Directional gain = 10 log[(10 ^{-1.03/20} +10 ^{0.79/20}) ² /2]= -2.93Bi					

Chipset: MT7915DUN					
No.	Antenna Part Number	Manufacture	Antenna Type	Frequency (MHz)	Max Gain (dBi)
1.	WA-P-LBLB-04-075 (WiFi 3)	INPAQ	Pattern Antenna	2400	-2.86
				2425	-3.93
				2450	-3.69
				2485	-3.67
				5150	-3.20
				5250	-4.57
				5350	-0.06
				5450	-2.23
				5550	-2.99
				5650	-4.01
				5750	-1.21
				5850	-6.05
2.	WA-P-LBLB-04-075 (WiFi 4)	INPAQ	Pattern Antenna	2400	-10.13
				2425	-8.11
				2450	-7.48
				2485	-9.23
				5150	-4.94
				5250	-8.03
				5350	-4.95
				5450	-3.44
				5550	-4.92
				5650	-3.48
				5750	-7.84
				5850	-4.78
Note 1. 2.4G: Directional gain = $10 \log[(10^{-2.86/20} + 10^{-7.48/20})^2 / 2]$ = -1.85dBi					
Note 2. UNII-I: Directional gain = $10 \log[(10^{-3.20/20} + 10^{-4.94/20})^2 / 2]$ = -1.01dBi					
Note 3. UNII-2A: Directional gain = $10 \log[(10^{-0.06/20} + 10^{-4.95/20})^2 / 2]$ = 0.84dBi					
Note 4. UNII-2C: Directional gain = $10 \log[(10^{-2.99/20} + 10^{-3.48/20})^2 / 2]$ = -0.22dBi					
Note 5. UNII-III: Directional gain = $10 \log[(10^{-1.21/20} + 10^{-4.78/20})^2 / 2]$ = 0.20dBi					

3.4. 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		

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

Chipset: MT7668AUN				
RMS Output Power (dBm)				
Channel	802.11b	802.11g	802.11n-HT20	802.11n-HT40
1	23.13	21.32	18.96	---
2	23.22	21.08	19.01	
3	23.14	21.17	19.07	15.54
4	23.06	21.22	19.31	17.41
5	23.11	21.31	19.55	17.32
6	23.08	21.36	20.3	17.47
7	23.25	21.29	20.09	17.44
8	23.18	21.18	19.98	14.46
9	23.09	21.00	20.18	17.55
10	22.91	20.93	20.15	16.96
11	23.05	20.81	20.28	15.63
12	21.86	17.95	18.81	---
13	16.86	18.47	13.56	

Chipset: MT7915DUN						
RMS Output Power (dBm)						
Channel	802.11b	802.11g	802.11n- HT20	802.11ax- HE20	802.11n- HT40	802.11ax- HE40
1	23.09	20.95	19.96	19.44	---	---
2	23.18	20.94	19.96	19.48		
3	23.28	20.93	19.88	19.62	17.29	17.96
4	23.24	20.94	19.94	19.78	17.39	17.81
5	23.39	20.91	19.98	20.17	17.58	17.92
6	23.42	20.9	20.03	20.34	17.77	17.98
7	23.4	20.9	20.02	20.26	17.7	17.95
8	23.43	20.58	19.91	20.19	17.74	17.88
9	23.42	20.49	19.95	20.29	17.71	17.93
10	23.27	20.47	19.96	20.22	16.65	16.53
11	23.43	20.42	19.9	20.31	15.71	15.49
12	22.29	17.68	18.85	17.93	---	---
13	16.15	17.32	13.35	11.39		

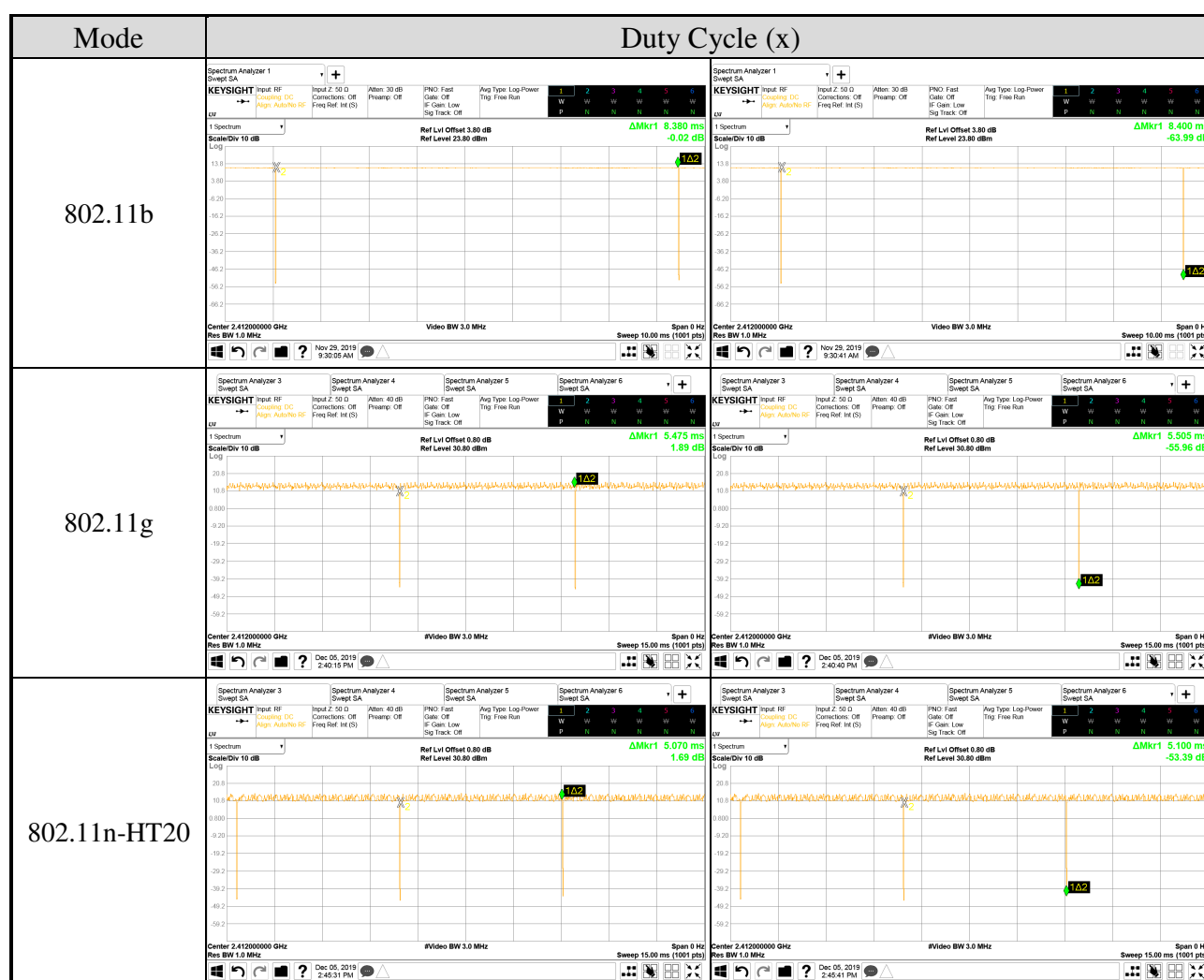
3.5. Descriptions of Key Components

None

3.6. Test Configuration

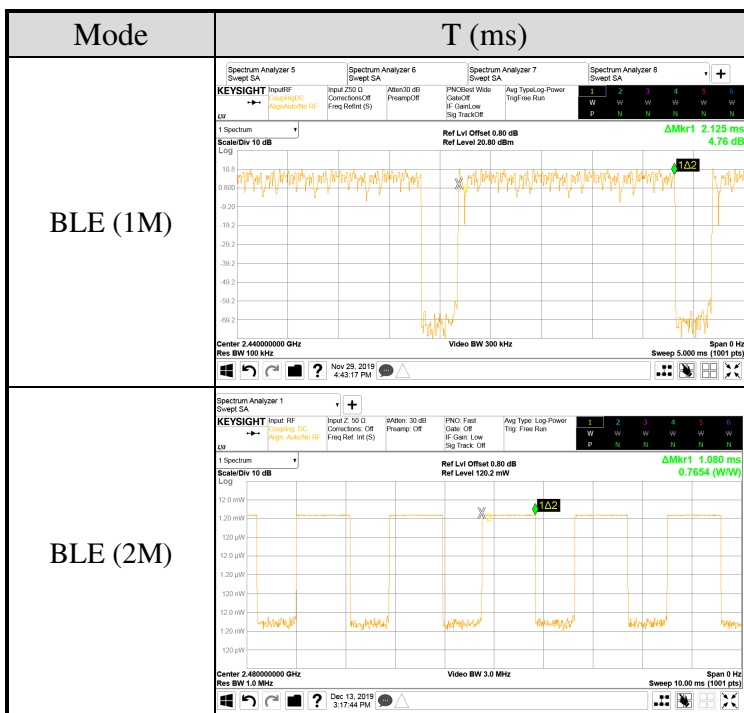
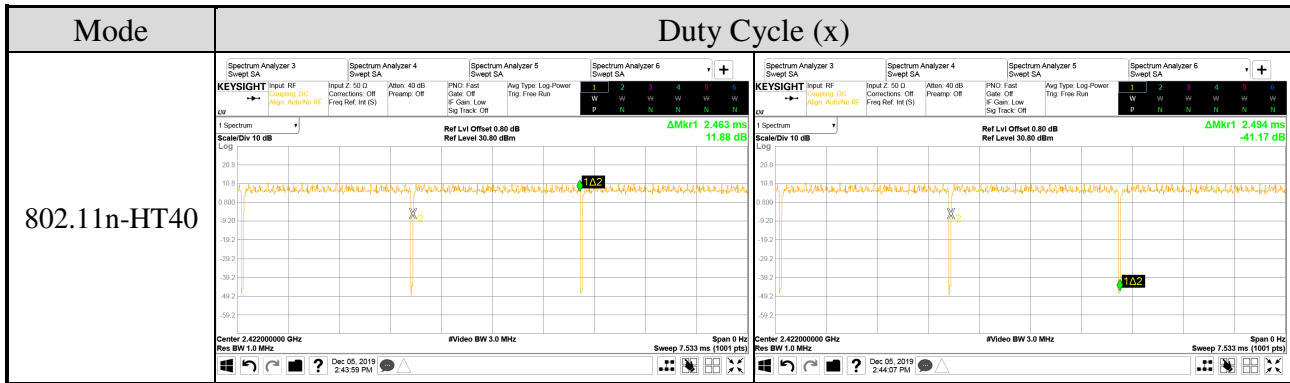
Chipset:MT7668AUN			
Mode	Duty Cycle (x)	T (ms)	Duty Cycle Factor (dB)
802.11b	0.998	8.380	N/A
802.11g	0.995	5.475	N/A
802.11n-HT20	0.994	5.070	N/A
802.11n-HT40	0.988	2.463	N/A
BLE (1M)	0.86	2.125	N/A
BLE (2M)	0.58	1.080	N/A

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



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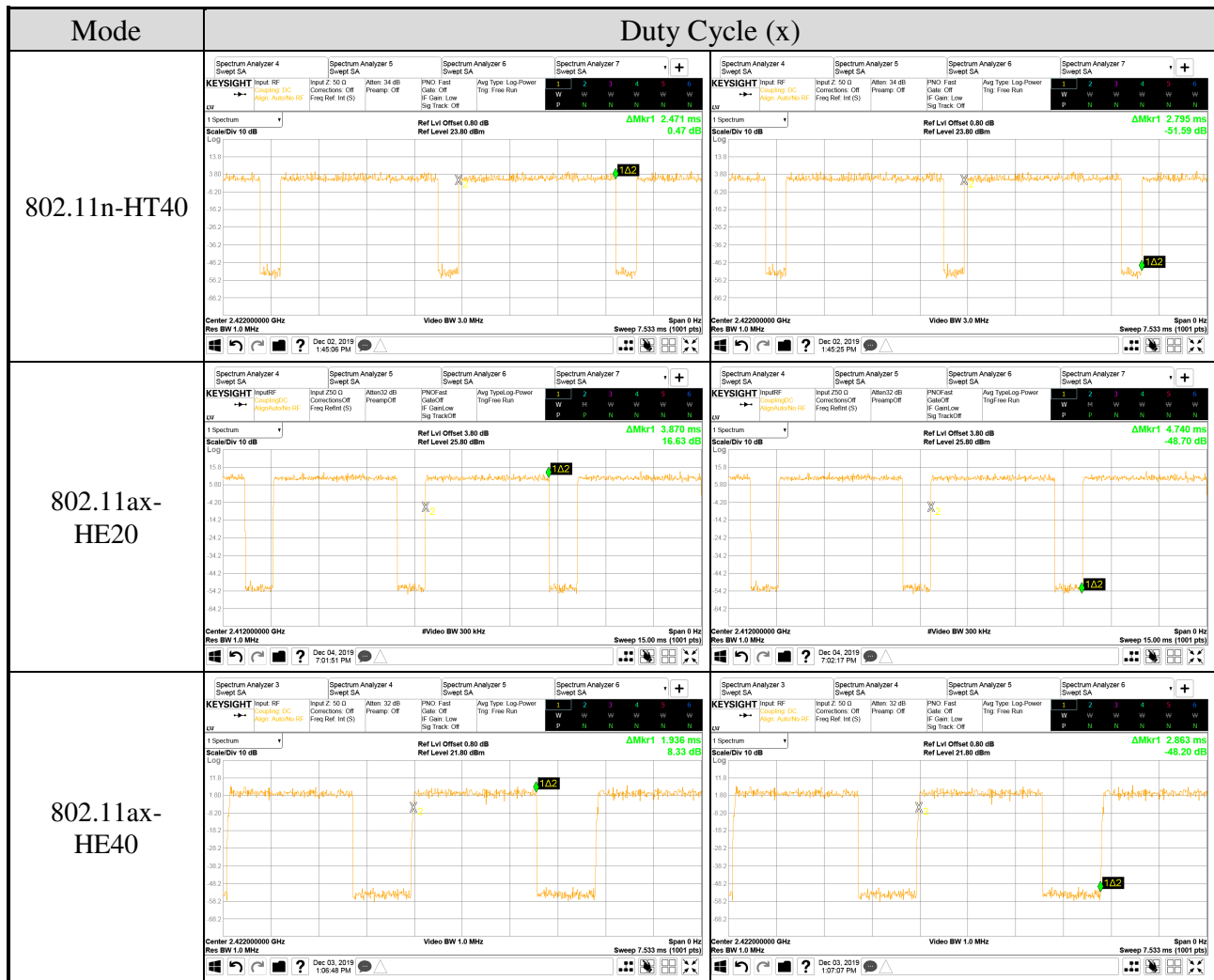
Chipset: MT7915DUN				
Mode	Duty Cycle (x)	T (ms)	Duty Cycle Factor (dB)	
802.11b	0.972	8.380	0.12	
802.11g	0.946	5.475	0.24	
802.11n-HT20	0.924	5.070	0.34	
802.11n-HT40	0.884	2.471	0.54	
802.11ax-HE20	0.816	3.870	0.88	
802.11ax-HE40	0.676	1.936	1.70	
802.11ax-HE20 (RU Config 26)	0.781	2.970	1.00	
802.11ax-HE20 (RU Config 52)	0.787	2.890	1.00	
802.11ax-HE20 (RU Config 106)	0.867	5.260	0.62	
802.11ax-HE40 (RU Config 242)	0.837	4.545	0.77	

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



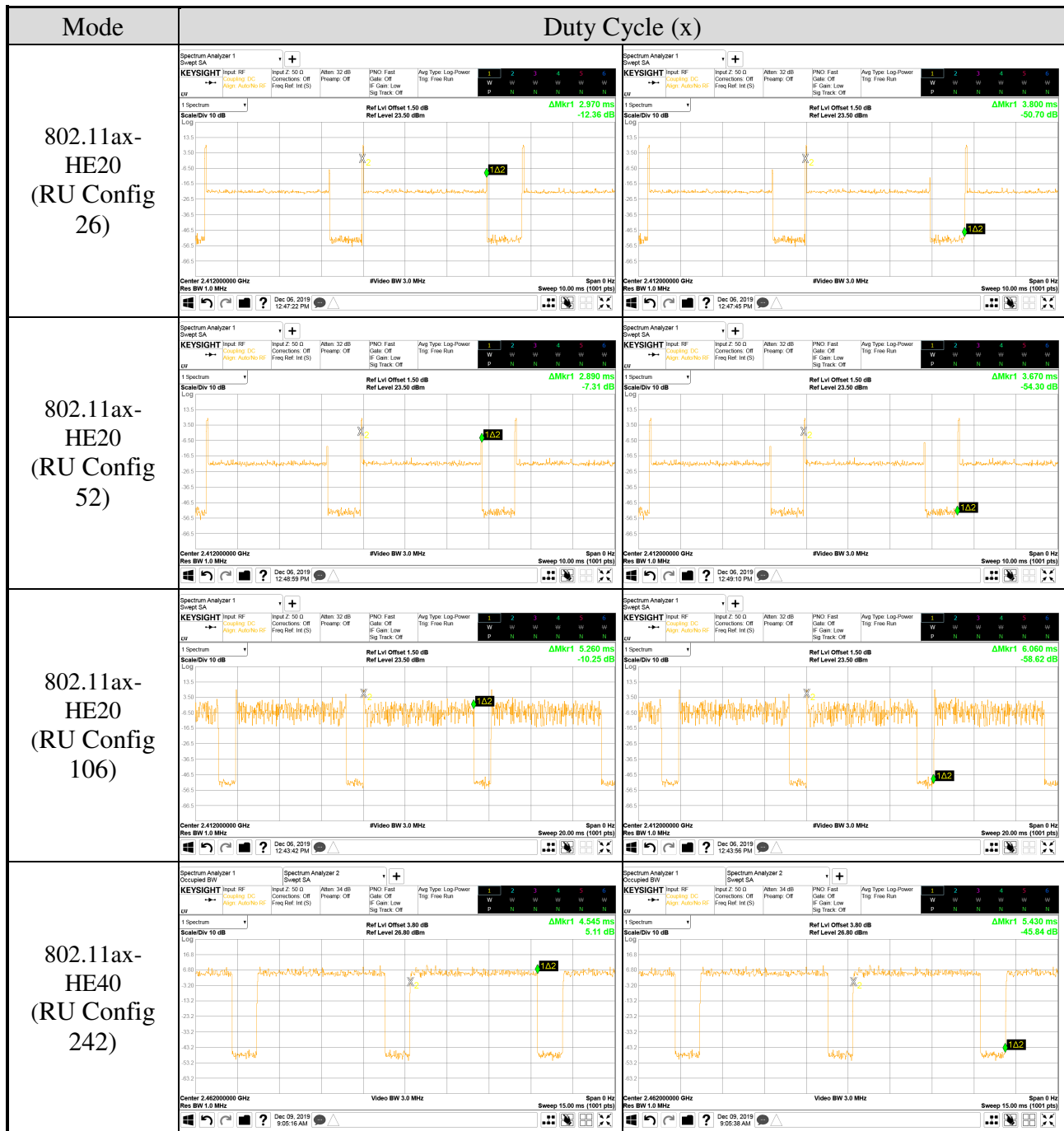
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AC Conduction	
Chipset: MT7668AUN	Normal operation
Chipset: MT7915DUN	Normal operation

Item		Chipset	Mode	Data Rate	Test Channel
Radiated Test Case	Radiated Band Edge ^{Note1}	MT7668 AUN	802.11b	1Mbps	1/11/12/13
			802.11g	6Mbps	1/11/12/13
			802.11n-HT20	MCS8	1/11/12/13
			802.11n-HT40	MCS8	3/4/9/10/11
			BLE	1Mbps	37/39
			BLE	2Mbps	37/39
	Radiated Spurious Emission ^{Note1 & 2}		802.11b	1Mbps	12
			802.11g	6Mbps	1
			802.11n-HT20	MCS8	6
			802.11n-HT40	MCS8	6
BLE	1Mbps	37/17/39			
Radiated Test Case	Radiated Band Edge ^{Note1}	MT7915 DUN	802.11b	1Mbps	1/11/12/13
			802.11g	6Mbps	1/11/12/13
			802.11n-HT20	MCS8	1/11/12/13
			802.11n-HT40	MCS8	3/9/10/11
			802.11ax-HE20	HE0	1/11/12/13
			802.11ax-HE40	HE0	3/9/10/11
	Radiated Spurious Emission ^{Note1 & 2}		802.11b	1Mbps	6
			802.11g	6Mbps	6
			802.11n-HT20	MCS8	11
			802.11n-HT40	MCS8	9
			802.11ax-HE20	HE0	9
			802.11ax-HE40	HE0	6

Item		Chipset	Mode	RU Config	Test Channel
Radiated Test Case	Radiated Band Edge Note1	MT7915 DUN	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

Item		Chipset	Mode	Data Rate	Test Channel	
Conducted Test Case	6dB/Occu pied Bandwidth	MT7668 AUN	802.11b	1Mbps	1/6/11/13	
			802.11g	6Mbps	1/6/11/13	
			802.11n-HT20	MCS8	1/6/11/13	
			802.11n-HT40	MCS8	3/6/9/11	
			BLE	1Mbps	37/17/39	
			BLE	2Mbps	37/17/39	
	Peak Output Power		802.11b	1Mbps	1/6/11/12/13	
			802.11g	6Mbps	1/6/11/12/13	
			802.11n-HT20	MCS8	1/6/11/12/13	
			802.11n-HT40	MCS8	3/4/6/9/10/11	
			BLE	1Mbps	37/17/39	
				2Mbps	37/17/39	
				PHY Coded S2	37/17/39	
				PHY Coded S8	37/17/39	
			Band Edge	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	
	BLE			1Mbps	37/39	
	Spurious Emission		802.11b	1Mbps	1/6/11/13	
			802.11g	6Mbps	1/6/11/13	
			802.11n-HT20	MCS8	1/6/11/13	
			802.11n-HT40	MCS8	3/6/9/11	
			BLE	1Mbps	37/17/39	
	Peak Power Spectral Density		802.11b	1Mbps	1/6/11/13	
			802.11g	6Mbps	1/6/11/13	
			802.11n-HT20	MCS8	1/6/11/13	
802.11n-HT40		MCS8	3/6/9/11			
BLE		1Mbps	37/17/39			

Item		Chipset	Mode	Data Rate	Test Channel
Conducted Test Case	6dB/Occu pied Bandwidth	MT7915 DUN	802.11b	1Mbps	1/6/11/13
			802.11g	6Mbps	1/6/11/13
			802.11n-HT20	MCS8	1/6/11/13
			802.11n-HT40	MCS8	3/6/9/11
			802.11ax-HE20	HE0	1/6/11/13
			802.11ax-HE40	HE0	3/6/9/11
	Peak Output Power		802.11b	1Mbps	1/6/11/12/13
			802.11g	6Mbps	1/6/11/12/13
			802.11n-HT20	MCS8	1/6/11/12/13
			802.11n-HT40	MCS8	3/6/9/10/11
			802.11ax-HE20	HE0	1/6/11/12/13
			802.11ax-HE40	HE0	3/6/9/10/11
	Band Edge		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
	Spurious Emission		802.11b	1Mbps	1/6/11/13
			802.11g	6Mbps	1/6/11/13
			802.11n-HT20	MCS8	1/6/11/13
			802.11n-HT40	MCS8	3/6/9/11
			802.11ax-HE20	HE0	1/6/11/13
			802.11ax-HE40	HE0	3/6/9/11
Peak Power Spectral Density	802.11b	1Mbps	1/6/11/13		
	802.11g	6Mbps	1/6/11/13		
	802.11n-HT20	MCS8	1/6/11/13		
	802.11n-HT40	MCS8	3/6/9/11		
	802.11ax-HE20	HE0	1/6/11/13		
	802.11ax-HE40	HE0	3/6/9/11		

Item		Chipset	Mode	RU Config	Test Channel
Conducted Test Case	6dB/Occu pied Bandwidth	MT7915 DUN	802.11ax-HE20	26/0	1
				52/37	
				106/53	
				26/8	
				52/40	
				106/54	
			802.11ax-HE40	242/61	3
				242/62	11
	Peak Output Power		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
	Peak Power Spectral Density		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

Note 1: ☐ Mobile Device

☒ Portable Device, and 3 axis were assessed. The worst scenario for Radiated Spurious Emission as follow: ☒ Lie ☐ Side ☐ Stand

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

Note 3: The EUT supports CDD.

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 those rate as the worst case for output power.

3.7. Tested Supporting System List

3.7.1. Support Peripheral Unit

No.	Product	Brand	Model No.	Serial No.	Approval
1.	Notebook PC	ASUS	X5502E	N/A	Contains FCC ID: PPD-AAR5B225
2.	Test JIG	N/A	N/A	N/A	N/A

3.7.2. Cable Lists

No.	Cable Description Of The Above Support Units
1.	Adapter: Enerironix, M/N EXA1208UH, DC Cord: Shielded, Undetachable, 1.8m, Bonded a ferrite core AC Power Cord: Unshielded, Detachable, 1.8m
2.	Bus→USB Cable: Unshielded, detachable, 0.2m*2

3.8. Setup Configuration

3.8.1. EUT Configuration for Power Line & Radiated Emission



3.8.2. EUT Configuration for RF Conducted Test Items



3.9. Operating Condition of EUT

Test program “QA Tool” is used for enabling WLAN function and Test program “WCN Combo Tool” is used for enabling BLE function under continues transmitting and choosing data rate/ channel.

3.10. Description of Test Facility

Name of Test Firm	Audix Technology Corporation / EMC Department No. 53-11, Dingfu, Linkou Dist., New Taipei City 244, Taiwan Tel: +886-2-26092133 Fax: +886-2-26099303 Website : www.audixtech.com Contact e-mail: attemc_report@audixtech.com
Accreditations	The laboratory is accredited by following organizations under ISO/IEC 17025:2017 (1) NVLAP(USA) NVLAP Lab Code 200077-0 (2) TAF(Taiwan) No. 1724
Test Facilities	FCC OET Designation Number under APEC MRA by NCC is : TW1724 ISED CAB Identifier Number under APEC TEL MRA by NCC is TW1724 (1) No.8 Shielded Room (2) No.1 3m Semi Anechoic Chamber (3) Fully Anechoic Chamber

3.11.Measurement Uncertainty

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

Remark : Uncertainty = $ku_c(y)$



Audix Technology Corp.
No. 53-11, Dingfu, Linkou, Dist.,
New Taipei City 244, Taiwan

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

Test Item	Uncertainty
6dB Bandwidth	$\pm 0.05\text{kHz}$
Maximum peak output power	$\pm 0.33\text{dB}$
Power spectral density	$\pm 0.13\text{dB}$
Conducted Emission Limitations	$\pm 0.13\text{dB}$

4. MEASUREMENT EQUIPMENT LIST

4.1. Conducted Emission Measurement

Item	Type	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Interval
1.	Test Receiver	R&S	ESR3	101774	2019. 01. 23	1 Year
2.	A.M.N.	R&S	ENV4200	100169	2019. 11. 13	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	2019. 01. 12	1 Year
5.	Digital Thermo-Hygro Meter	iMax	HTC-1	No.8 S/R	2019. 04. 20	1 Year
6.	Test Software	Audix	e3	V6.120619c	N.C.R.	N.C.R.

4.2. Radiated Emission Measurement

Item	Type	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Interval
1.	Spectrum Analyzer	Agilent	N9010A-526	MY53400071	2019. 09. 11	1 Year
2.	Spectrum Analyzer	Keysight	N9010B-544	MY55460198	2019. 05. 06	1 Year
3.	Test Receiver	R & S	ESCS30	100338	2019. 06. 12	1 Year
4.	Amplifier	HP	8447D	2944A06305	2019. 01. 30	1 Year
5.	Amplifier	HP	8449B	3008A02678	2019. 03. 07	1 Year
6.	Amplifier	Keysight	83051A	MY53010042	2019. 08. 08	1 Year
7.	Bilog Antenna	TESEQ	CBL6112D	33821	2019. 01. 19	1 Year
8.	Loop Antenna	R&S	HFH2-Z2	891847/27	2017.12. 18	2 Years
9	Double-Ridged Waveguide Horn	ETS-Lindgren	3117	00135902	2019. 03. 13	1 Year
10.	Horn Antenna	COM-POWER	AH-840	101092	2019. 05. 14	1 Year
11.	2.4GHz Notch Filter	K&L	7NSL10-244 1.5/E130.5-O /O	1	2019. 07. 24	1 Year
12.	3GHz Notch Filter	Microwave	H3G018G1	484796	2019. 08. 21	1 Year
13.	Coaxial Cable	MIYAZAKI	5D2W	RE-11	2019. 02. 01	1 Year
14.	Coaxial Cable	HUBER+SUHNER	SUCOFLEX 104	RF CABLE-01	2019. 09. 20	1 Year
15.	Coaxial Cable	HUBER+SUHNER	SUCOFLEX 102	No.1 18-40GHz Cable	2019. 02. 01	1 Year
16.	Digital Thermo-Hygro Meter	iMax	HTC-1	No.1 3m A/C	2019. 04. 20	1 Year
17.	Digital Thermo-Hygro Meter	EVERY DAY	E-512	RF-02	2019. 04. 20	1 Year
18.	Test Software	Audix	e3	V6.120619c	N.C.R.	N.C.R.
19.	Test Software	Audix	e3	V6.110601	N.C.R.	N.C.R.

4.3. RF Conducted Measurement

Item	Type	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Interval
1.	Spectrum Analyzer	Keysight	N9020B-544	MY57120357	2019. 01. 17	1 Year
2.	Power Meter	Anritsu	ML2487A	6K00005406	2019. 05. 02	1 Year
3.	Power Meter	Anritsu	ML2495A	1145008	2019. 11. 06	1 Year
4.	Power Sensor	Anritsu	MA2491A	030873	2019. 05. 02	1 Year
5.	Power Sensor	Anritsu	MA2411B	1126096	2019. 11. 06	1 Year
6.	Digital Thermo-Hygro Meter	Shenzhen Datronn Electronics	KT-905	RF	2019. 04. 20	1 Year

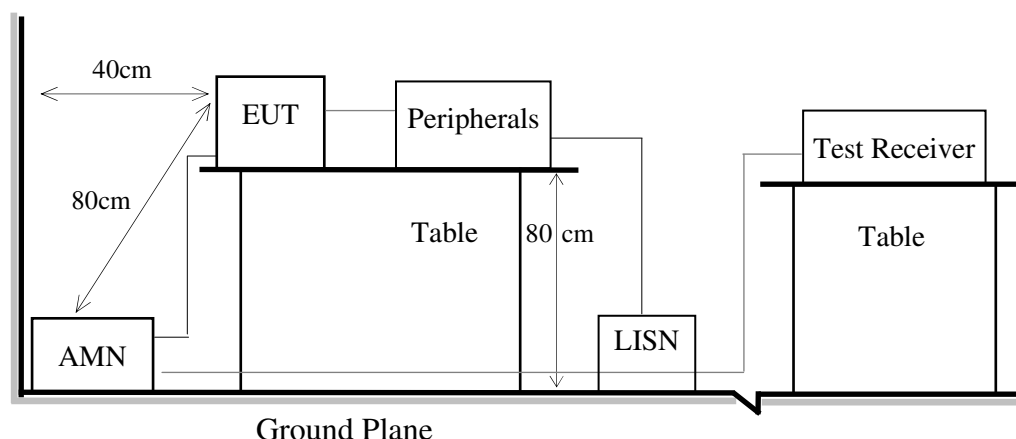
5. CONDUCTED EMISSION

5.1. Block Diagram of Test Setup

5.1.1. Block Diagram of EUT

Indicated as section 3.8

5.1.2. Shielded Room Setup Diagram



5.2. Conducted Emission Limit

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

Remark 1.: If the average limit is met when using a Quasi-Peak detector, the measurement using the average detector is not required.

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

5.3. Test Procedure

- 5.3.1. To set up the EUT as indicated in ANSI C 63.10. The EUT was placed on the table which has 80 cm height to the ground and 40 cm distance to the conducting wall.
- 5.3.2. Power supplier of the EUT was connected to the AC mains through an Artificial Mains Network (A.M.N.).
- 5.3.3. The AC power supplies to all peripheral devices must be provided through line impedance stabilization network (L.I.S.N.)
- 5.3.4. Checking frequency range from 150 kHz to 30 MHz and record the emission which does not have 20 dB below limit.

5.4. Test Results

Please refer to Appendix A.

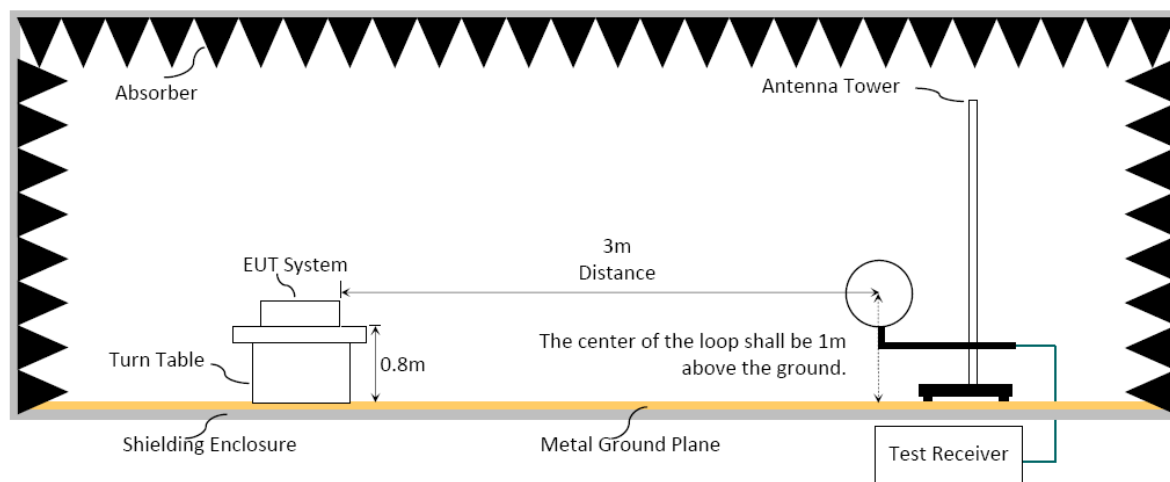
6. RADIATED EMISSION

6.1. Block Diagram of Test Setup

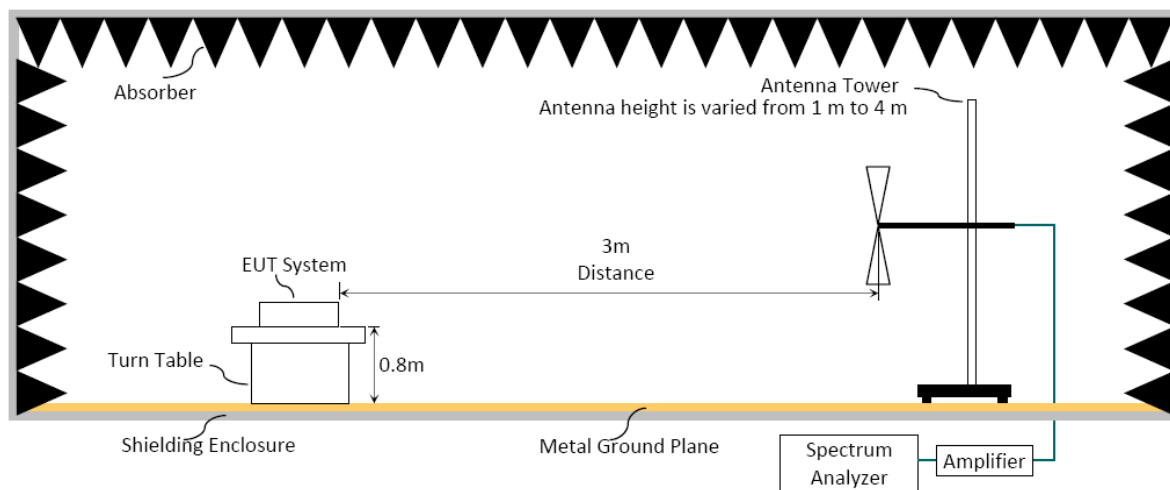
6.1.1. Block Diagram of EUT

Indicated as section 3.8

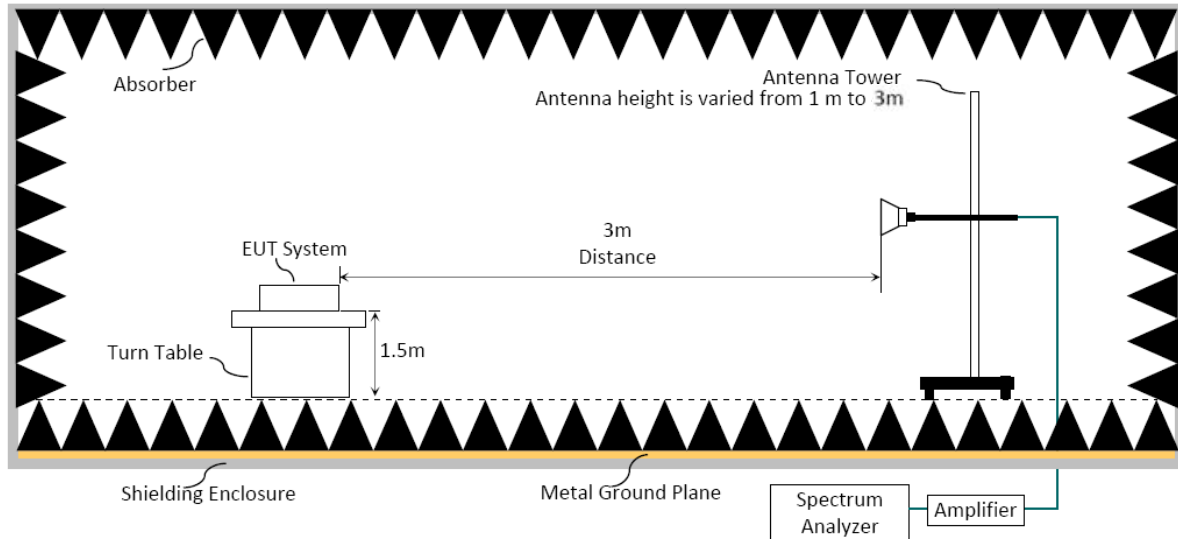
6.1.2. Setup Diagram for 9kHz-30MHz



6.1.3. Setup Diagram for 30-1000 MHz



6.1.4. Setup Diagram for above 1GHz



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) $\text{dB}\mu\text{V/m} = 20 \log (\mu\text{V/m})$

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

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

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

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

6.3. Test Procedure

Frequency Range 9kHz~30MHz:

The EUT setup on the turn table which has 0.8 m height to the ground. The turn table rotated 360 degrees and antenna fixed to 1 m to find the maximum emission level. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.10-2013 regulation.

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

Frequency Range 30MHz ~ 25GHz:

The EUT setup on the turn table which has 80 cm (for 30-1000 MHz) and 1.5m (for above 1GHz) height to the ground. The turn table rotated 360 degrees and antenna varied from 1 m to 4 m (for 30-1000MHz) or antenna varied from 1 m to 3 m (for above 1GHz) to find the maximum emission level. Both horizontal and vertical polarization are required. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.10-2013 regulation.

Frequency below 1 GHz:

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

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

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

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

Frequency above 1GHz to 10th harmonic (up to 25 GHz):

Peak Detector:

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

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

Average Detector:**■ Option 1:**

(1) RBW = 1MHz

(2) VBW $\geq 1/T$.**Chipset: MT7668AUN**

Modulation Type	T (ms)	1/T (kHz)	VBW Setting (Hz)
802.11b	8.380	0.119332	10Hz
802.11g	5.475	0.182648	10Hz
802.11n-HT20	5.070	0.197239	10Hz
802.11n-HT40	2.463	0.406009	10Hz
BLE (1M)	2.125	0.470588	470Hz
BLE (2M)	1.080	0.925926	470Hz

Chipset: MT7915DUN

Modulation Type	T (ms)	1/T (kHz)	VBW Setting (Hz)
802.11b	8.380	0.119332	120Hz
802.11g	5.475	0.182648	180Hz
802.11n-HT20	5.070	0.197239	200Hz
802.11n-HT40	2.471	0.404694	390Hz
802.11ax-HE20	3.870	0.258398	270Hz
802.11ax-HE40	1.936	0.516529	510Hz
802.11ax-HE20 (RU Config 26/0)	2.970	0.336700	330Hz
802.11ax-HE20 (RU Config 52/37)	2.890	0.346021	360Hz
802.11ax-HE20 (RU Config 106/53)	5.260	0.190114	200Hz
802.11ax-HE40 (RU Config 242/61)	4.545	0.220022	220Hz

N/A: 1/T is not implemented when duty cycle presented in section 3.6 is $\geq 98\%$.

(1) Detector = Peak.

(2) Sweep time = auto.

(3) Trace mode = max hold.

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

□ Option 2:

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

6.4. Measurement Result Explanation

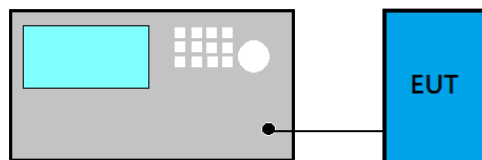
- ☒ Peak Emission Level = Antenna Factor + Cable Loss + Meter Reading (including Preamp factor if test used)
- ☒ Average Emission Level = Antenna Factor + Cable Loss + Meter Reading (including Preamp factor if test used)
- ☐ Average Emission Level = Peak Emission Level + DCCF
Duty Cycle Correction Factor (DCCF) = $20\log(TX_{on}/TX_{on+off})$ presented in section 3.6
- ☐ ERP = Peak Emission Level - 95.2dB - 2.14dB (or Actual Gain)

6.5. Test Results

Please refer to Appendix A.

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:

- (1) Set RBW = 100 kHz.
- (2) Set the video bandwidth (VBW) $\geq 3 \times$ 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 or 99% power to record the final bandwidth.

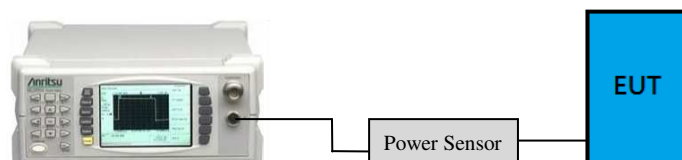
7.4. Test Results

Please refer to Appendix A

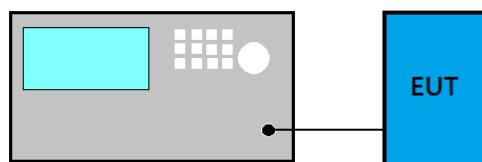
8. MAXIMUM PEAK OUTPUT POWER

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)

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 $\geq$ DTS bandwidth
- (2) Set VBW $\geq 3 \times$ RBW
- (3) Set span $\geq 3 \times$ 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 output power and duty cycle factor is added when duty cycle presented in section 3.7 is $< 98\%$.

□ Method AVGSA-2 (Spectrum channel power)

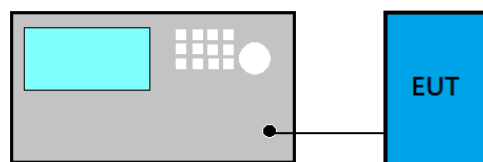
- (1) Set span to at least 1.5 times the OBW
- (2) Set RBW = 1 -5% of OBW
- (3) Set the video bandwidth (VBW) $\geq 3 \times$ RBW.
- (4) Detector = RMS.
- (5) Trace mode = trace average at least 100 traces
- (6) Sweep = auto couple.
- (7) Compute power by integrating the spectrum across the OBW of the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

8.4. Test Results

Please refer to Appendix A

9. EMISSION LIMITATIONS

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 the 100kHz 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 4 is 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 $\geq 3 \times$ 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.

■ Emission Level Measurement

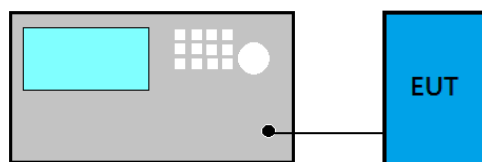
- (1) Set analyzer center frequency to DTS channel center frequency.
- (2) Set the span to 1.5 times the DTS bandwidth.
- (3) Set the RBW to: 100 kHz.
- (4) Set the VBW $\geq 3 \times$ RBW.
- (5) Detector = peak.
- (6) Sweep time = auto couple.
- (7) Trace mode = max hold.
- (8) Allow trace to fully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

9.4. Test Results

Please refer to Appendix A

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: $3 \text{ kHz} \leq \text{RBW} \leq 100 \text{ kHz}$.
- (4) Set the VBW $\geq 3 \times \text{RBW}$.
- (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



11.DEVIATION TO TEST SPECIFICATIONS

【NONE】



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APPENDIX A

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APPDNDIX A

TEST DATA AND PLOTS

(Model: WCT750M)

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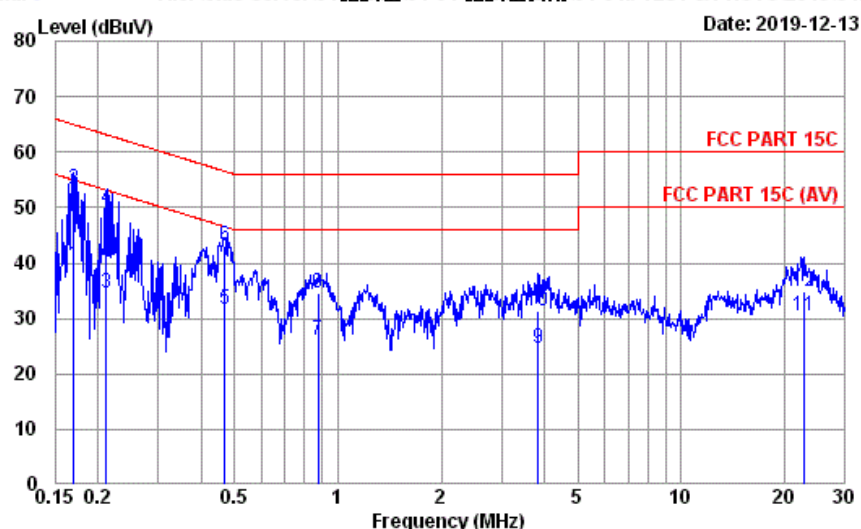
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A.1 CONDUCTED EMISSION

Test Date	2019/12/13	Temp./Hum.	23°C/55%
Test Voltage	DC 5V (via Test JIG)	Tested By	Chucky Chiu
Chipset	MT7668AUN		

Data: 8 File: \\nas-server\01測試組\01-01 測試組公用\01-01b TEST & PHOTO\2019\CI1M1911XX



Site no. : No.8 Shielded Room Data no. : 8
Condition : ENV4200 (169) (A) LISN Phase : NEUTRAL
Limit : FCC PART 15C
Env. / Ins. : 23°C / 55% ESR3 (1774) Engineer : Chucky Chiu
EUT : WCT750M(MT7668)
Power Rating : DC 5V(VIA USB)
Test Mode : Operating

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBμV)	Emission Level (dBμV)	Limits (dBμV)	Margin (dB)	Remark
1	0.170	10.70	0.04	9.86	18.84	39.44	54.94	15.50	Average
2	0.170	10.70	0.04	9.86	32.81	53.41	64.94	11.53	QP
3	0.212	10.64	0.04	9.86	14.17	34.71	53.14	18.43	Average
4	0.212	10.64	0.04	9.86	29.13	49.67	63.14	13.47	QP
5	0.469	10.52	0.04	9.86	11.09	31.51	46.54	15.03	Average
6	0.469	10.52	0.04	9.86	22.55	42.97	56.54	13.57	QP
7	0.876	10.50	0.05	9.86	5.65	26.06	46.00	19.94	Average
8	0.876	10.50	0.05	9.86	14.28	34.69	56.00	21.31	QP
9	3.840	10.67	0.09	9.87	3.96	24.59	46.00	21.41	Average
10	3.840	10.67	0.09	9.87	10.59	31.22	56.00	24.78	QP
11	22.775	14.50	0.21	9.97	5.69	30.37	50.00	19.63	Average
12	22.775	14.50	0.21	9.97	10.19	34.87	60.00	25.13	QP

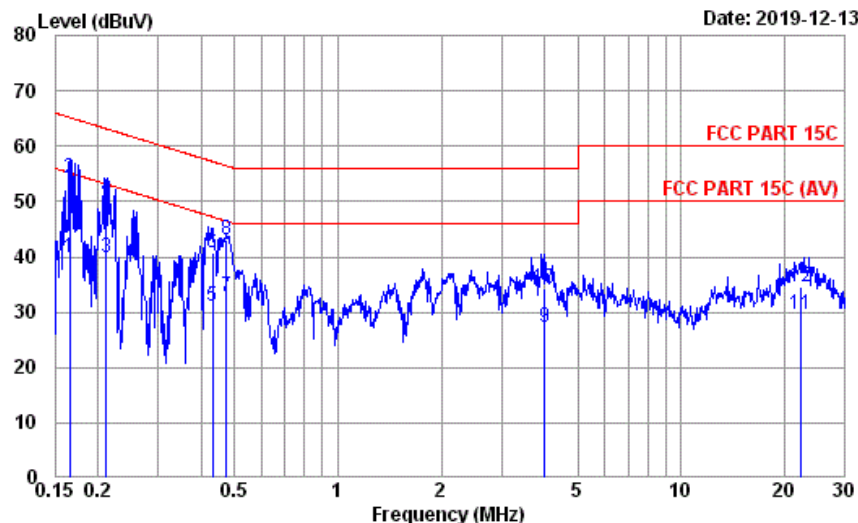
Remarks: 1. Emission Level= AMN Factor + Cable Loss + Pulse Att. + Reading.
2. If the average limit is met when using a quasi-peak detector,
the EUT shall be deemed to meet both limits and measurement
with average detector is unnecessary.

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Test Date	2019/12/13	Temp./Hum.	23°C/55%
Test Voltage	DC 5V (via Test JIG)	Tested By	Chucky Chiu
Chipset	MT7668AUN		

Data: 7 File: \\Nas-server\01測試組\01-01 測試組公用\01-01b TEST & PHOTO\2019\CI1M1911\XX Date: 2019-12-13



Site no. : No.8 Shielded Room Data no. : 7
Condition : ENV4200 (169) (A) LISN Phase : LINE
Limit : FCC PART 15C
Env. / Ins. : 23°C / 55% ESR3 (1774) Engineer : Chucky Chiu
EUT : WCT750M(MT7668)
Power Rating : DC 5V(VIA USB)
Test Mode : Operating

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBμV)	Emission Level (dBμV)	Limits (dBμV)	Margin (dB)	Remark
1	0.166	10.66	0.04	9.86	19.15	39.71	55.16	15.45	Average
2	0.166	10.66	0.04	9.86	33.51	54.07	65.16	11.09	QP
3	0.212	10.60	0.04	9.86	19.46	39.96	53.14	13.18	Average
4	0.212	10.60	0.04	9.86	30.31	50.81	63.14	12.33	QP
5	0.431	10.49	0.04	9.86	10.55	30.94	47.24	16.30	Average
6	0.431	10.49	0.04	9.86	20.44	40.83	57.24	16.41	QP
7	0.474	10.49	0.04	9.86	12.29	32.68	46.45	13.77	Average
8	0.474	10.49	0.04	9.86	22.75	43.14	56.45	13.31	QP
9	4.006	10.61	0.09	9.87	6.59	27.16	46.00	18.84	Average
10	4.006	10.61	0.09	9.87	13.83	34.40	56.00	21.60	QP
11	22.180	13.89	0.20	9.96	5.55	29.60	50.00	20.40	Average
12	22.180	13.89	0.20	9.96	10.63	34.68	60.00	25.32	QP

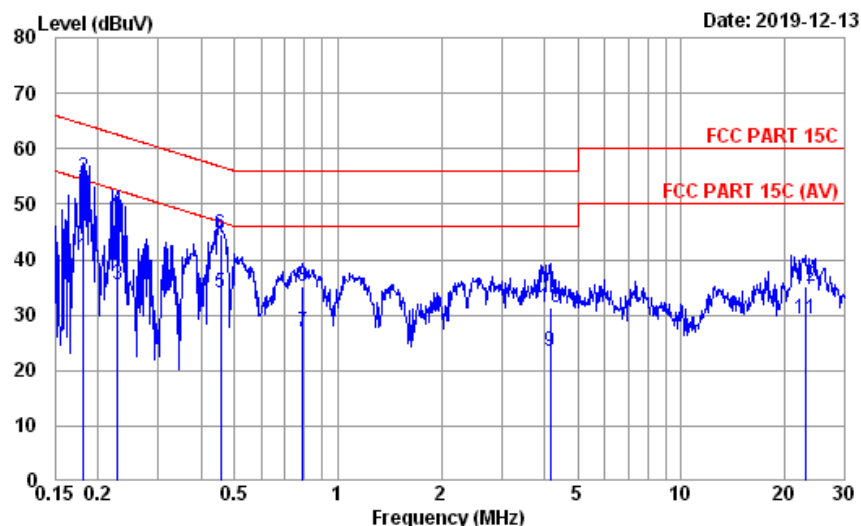
Remarks: 1. Emission Level= AMN Factor + Cable Loss + Pulse Att. + Reading.
2. If the average limit is met when using a quasi-peak detector, the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.

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Test Date	2019/12/13	Temp./Hum.	23°C/55%
Test Voltage	DC 5V (via Test JIG)	Tested By	Chucky Chiu
Chipset	MT7915DUN		

Data: 2 File: \\nas-server\01測試組\01-01 測試組公用\01-01b TEST & PHOTO\2019\CI1M1911XX



Site no. : No.8 Shielded Room Data no. : 2
Condition : ENV4200 (169) (A) LISN Phase : NEUTRAL
Limit : FCC PART 15C
Env. / Ins. : 23°C / 55% ESR3 (1774) Engineer : Chucky Chiu
EUT : WCT750M(MT7915)
Power Rating : DC 5V(VIA USB)
Test Mode : Operating

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBμV)	Emission Level (dBμV)	Limits (dBμV)	Margin (dB)	Remark
1	0.182	10.68	0.04	9.86	19.99	40.57	54.42	13.85	Average
2	0.182	10.68	0.04	9.86	34.30	54.88	64.42	9.54	QP
3	0.228	10.63	0.04	9.86	14.87	35.40	52.52	17.12	Average
4	0.228	10.63	0.04	9.86	28.33	48.86	62.52	13.66	QP
5	0.456	10.52	0.04	9.86	13.55	33.97	46.76	12.79	Average
6	0.456	10.52	0.04	9.86	24.11	44.53	56.76	12.23	QP
7	0.788	10.51	0.05	9.86	6.66	27.08	46.00	18.92	Average
8	0.788	10.51	0.05	9.86	14.89	35.31	56.00	20.69	QP
9	4.158	10.71	0.09	9.87	2.75	23.42	46.00	22.58	Average
10	4.158	10.71	0.09	9.87	10.66	31.33	56.00	24.67	QP
11	23.018	14.57	0.21	9.97	4.61	29.36	50.00	20.64	Average
12	23.018	14.57	0.21	9.97	10.33	35.08	60.00	24.92	QP

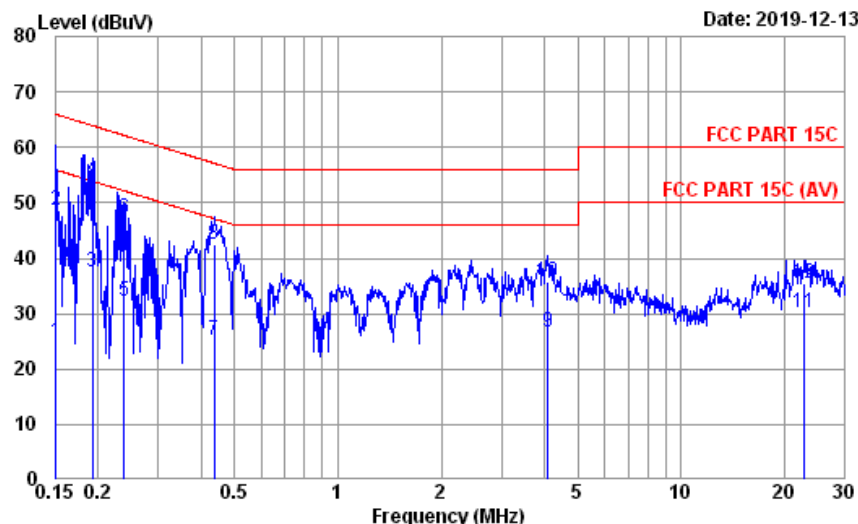
Remarks: 1. Emission Level= AMN Factor + Cable Loss + Pulse Att. + Reading.
2. If the average limit is met when using a quasi-peak detector, the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.

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Test Date	2019/12/13	Temp./Hum.	23°C/55%
Test Voltage	DC 5V (via Test JIG)	Tested By	Chucky Chiu
Chipset	MT7915DUN		

Data: 1 File: \\Nas-server\01測試組\01-01 測試組公用\01-01b TEST & PHOTO\2019\C1M1911XX\



Site no. : No.8 Shielded Room Data no. : 1
Condition : ENV4200 (169) (A) LISN Phase : LINE
Limit : FCC PART 15C
Env. / Ins. : 23°C / 55% ESR3 (1774) Engineer : Chucky Chiu
EUT : WCT750M(MT7915)
Power Rating : DC 5V(VIA USB)
Test Mode : Operating

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBμV)	Emission Level (dBμV)	Limits (dBμV)	Margin (dB)	Remark
1	0.151	10.68	0.04	9.86	4.22	24.80	55.96	31.16	Average
2	0.151	10.68	0.04	9.86	27.96	48.54	65.96	17.42	QP
3	0.192	10.62	0.04	9.86	17.11	37.63	53.93	16.30	Average
4	0.192	10.62	0.04	9.86	33.40	53.92	63.93	10.01	QP
5	0.238	10.58	0.04	9.86	11.75	32.23	52.17	19.94	Average
6	0.238	10.58	0.04	9.86	26.73	47.21	62.17	14.96	QP
7	0.435	10.49	0.04	9.86	4.76	25.15	47.15	22.00	Average
8	0.435	10.49	0.04	9.86	21.97	42.36	57.15	14.79	QP
9	4.092	10.62	0.09	9.87	6.08	26.66	46.00	19.34	Average
10	4.092	10.62	0.09	9.87	15.21	35.79	56.00	20.21	QP
11	22.896	14.10	0.21	9.97	5.83	30.11	50.00	19.89	Average
12	22.896	14.10	0.21	9.97	11.31	35.59	60.00	24.41	QP

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

A.2 RADIATED EMISSION

Test Date	2019/11/27 ~ 12/13	Temp./Hum.	21 ~ 24°C/46 ~ 56%
Test Voltage	DC 5V (via Test JIG)	Tested By	Brian Hsieh

A.2.1 Emissions within Restricted Frequency Bands

A.2.1.1 Frequency 9kHz~30MHz

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

A.2.1.2 Frequency Below 1GHz

Chipset: MT7668AUN

Mode	802.11g	Frequency	TX 2437MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
77.53	13.25	2.00	17.34	32.59	40.00	7.41	Peak
182.29	15.52	3.25	14.41	33.18	43.50	10.32	Peak
237.58	18.22	3.82	18.25	40.29	46.00	5.71	Peak
333.61	20.69	4.96	9.05	34.70	46.00	11.30	Peak
426.73	22.77	6.13	4.15	33.05	46.00	12.95	Peak
478.14	23.45	6.57	6.58	36.60	46.00	9.40	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
77.53	13.25	2.00	14.76	30.01	40.00	9.99	Peak
124.09	18.41	2.58	6.70	27.69	43.50	15.81	Peak
211.39	16.91	3.55	7.92	28.38	43.50	15.12	Peak
238.55	18.26	3.83	8.54	30.63	46.00	15.37	Peak
345.25	21.02	5.13	2.81	28.96	46.00	17.04	Peak
478.14	23.45	6.57	3.65	33.67	46.00	12.33	Peak

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Mode	BLE	Frequency	TX 2440MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
77.53	13.25	2.00	16.82	32.07	40.00	7.93	Peak
182.29	15.52	3.25	13.68	32.45	43.50	11.05	Peak
237.58	18.22	3.82	16.36	38.40	46.00	7.60	Peak
333.61	20.69	4.96	9.22	34.87	46.00	11.13	Peak
424.79	22.75	6.11	4.35	33.21	46.00	12.79	Peak
480.08	23.47	6.59	7.66	37.72	46.00	8.28	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
76.56	13.14	1.99	13.98	29.11	40.00	10.89	Peak
124.09	18.41	2.58	6.62	27.61	43.50	15.89	Peak
214.30	17.07	3.58	8.49	29.14	43.50	14.36	Peak
236.61	18.18	3.81	8.43	30.42	46.00	15.58	Peak
266.68	19.13	4.11	6.24	29.48	46.00	16.52	Peak
482.02	23.49	6.61	3.32	33.42	46.00	12.58	Peak

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Chipset: MT7915DUN

Mode	802.11ax-HE20	Frequency	TX 2437MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
78.50	13.33	2.02	43.88	32.93	40.00	7.07	Peak
124.09	18.41	2.58	36.06	30.96	43.50	12.54	Peak
183.26	15.55	3.26	39.66	32.64	43.50	10.86	Peak
217.21	17.23	3.61	40.43	35.53	46.00	10.47	Peak
240.49	18.38	3.85	42.48	39.02	46.00	6.98	Peak
480.08	23.47	6.59	33.98	37.07	46.00	8.93	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
56.19	13.31	1.67	39.55	28.14	40.00	11.86	Peak
85.29	14.53	2.11	39.11	29.47	40.00	10.53	Peak
202.66	16.43	3.45	36.64	30.76	43.50	12.74	Peak
235.64	18.14	3.80	34.78	31.02	46.00	14.98	Peak
480.08	23.47	6.59	31.06	34.15	46.00	11.85	Peak
729.37	25.77	7.53	29.15	35.09	46.00	10.91	Peak

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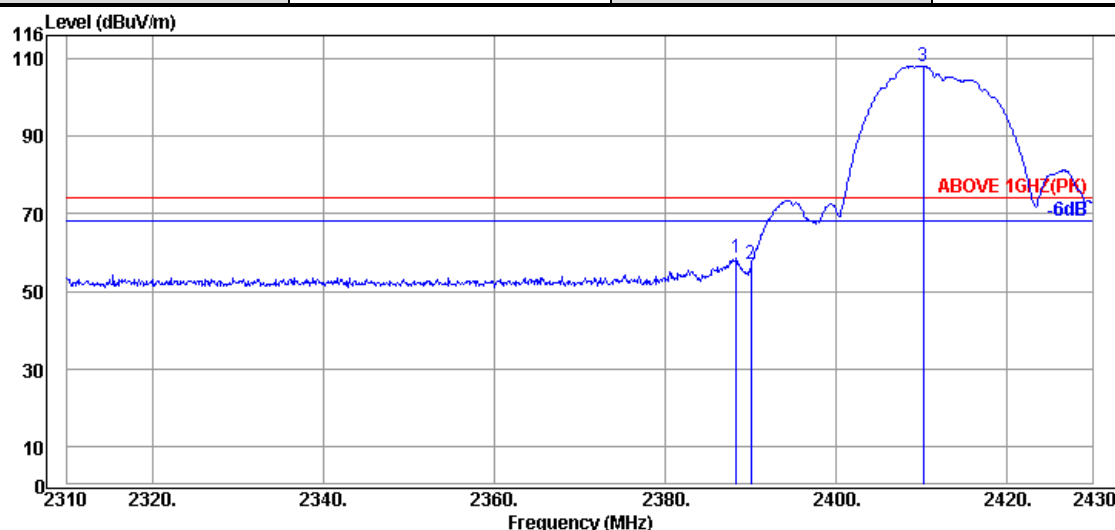
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A.2.1.3 Frequency Above 1 GHz to 10th harmonics

Chipset: MT7668AUN

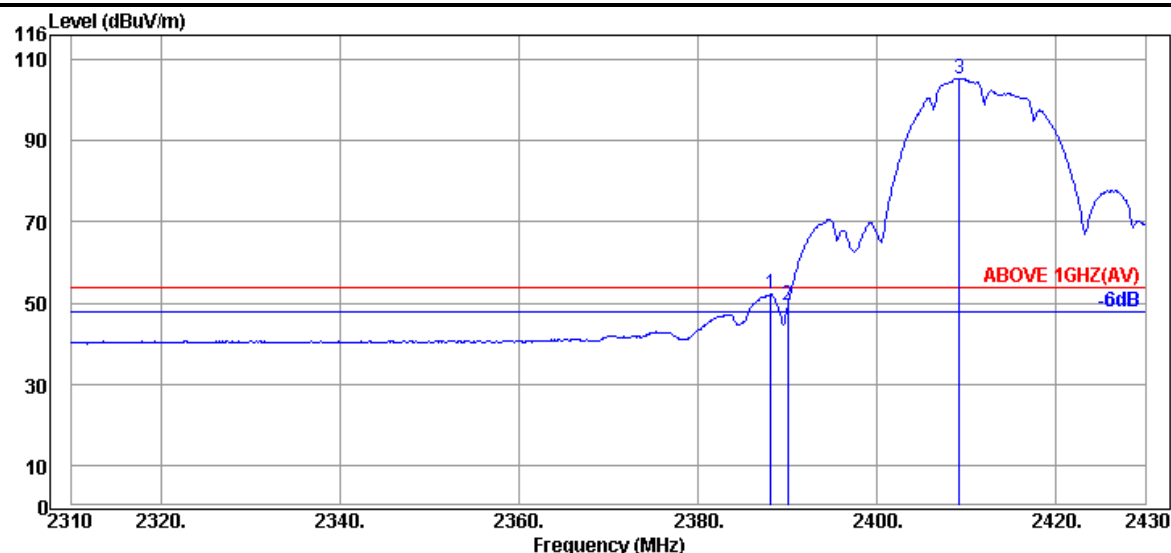
Band Edge:

Mode	802.11b	Frequency	TX 2412MHz
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Antenna at Horizontal Polarization

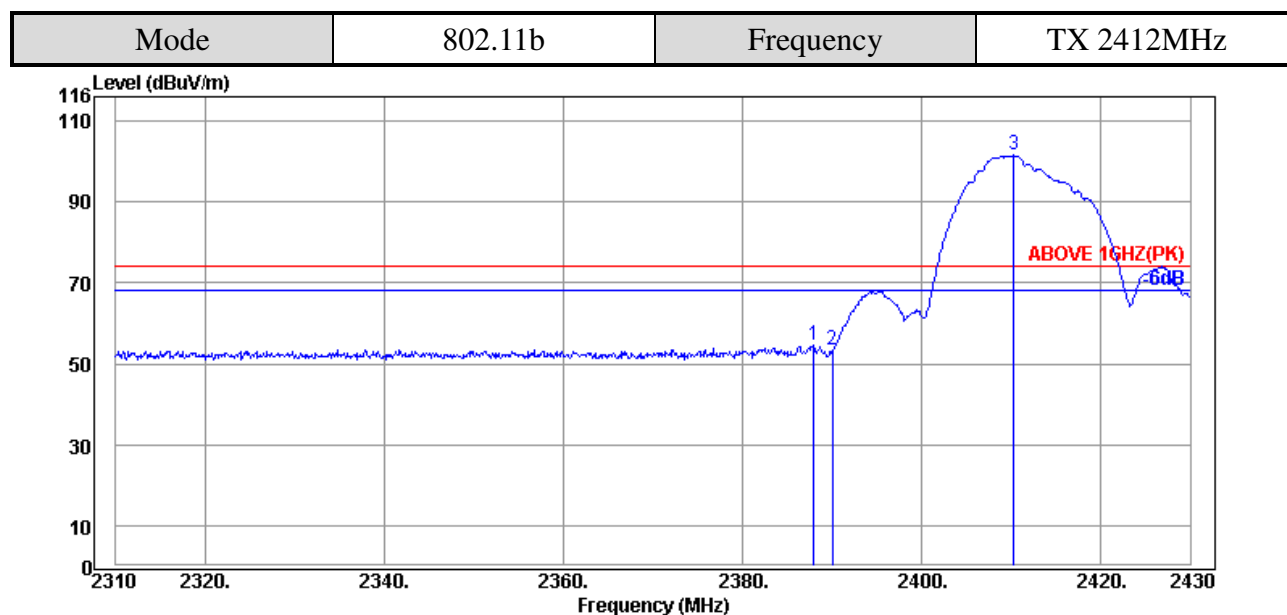
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2388.36	32.00	8.52	18.19	58.71	74.00	15.29	Peak
2390.04	32.00	8.52	16.48	57.00	74.00	17.00	Peak
@ 2410.20	32.14	8.53	67.33	108.00	---	---	Peak



Antenna at Horizontal Polarization

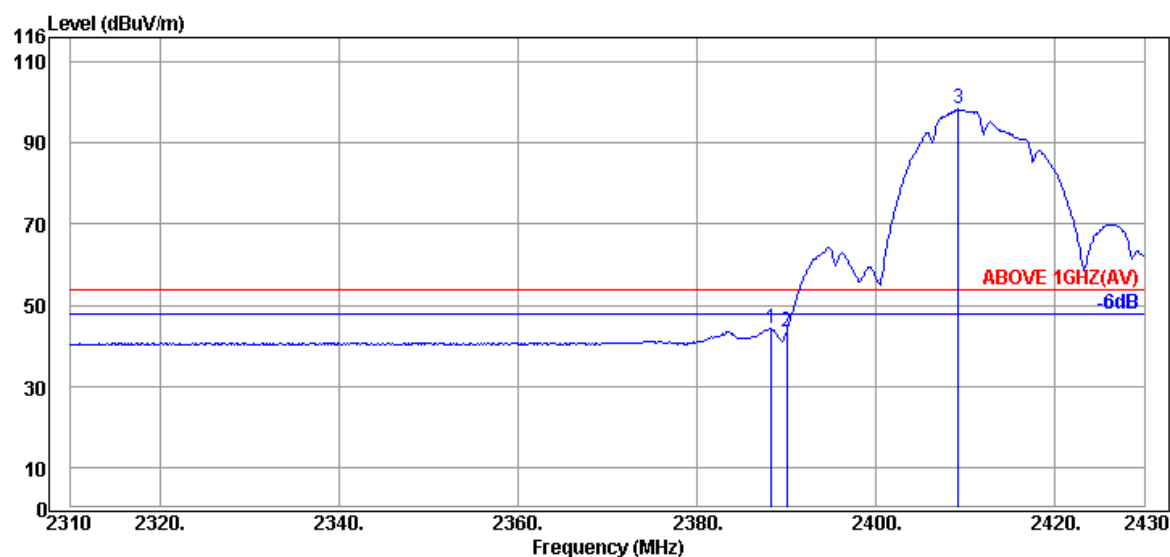
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2388.12	32.00	8.52	11.56	52.08	54.00	1.92	Average
2390.04	32.00	8.52	8.71	49.23	54.00	4.77	Average
@ 2409.24	32.13	8.53	64.77	105.43	---	---	Average

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



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2388.00	32.00	8.52	13.92	54.44	74.00	19.56	Peak
2390.04	32.00	8.52	13.07	53.59	74.00	20.41	Peak
@ 2410.32	32.14	8.53	60.79	101.46	---	---	Peak



Antenna at Vertical Polarization

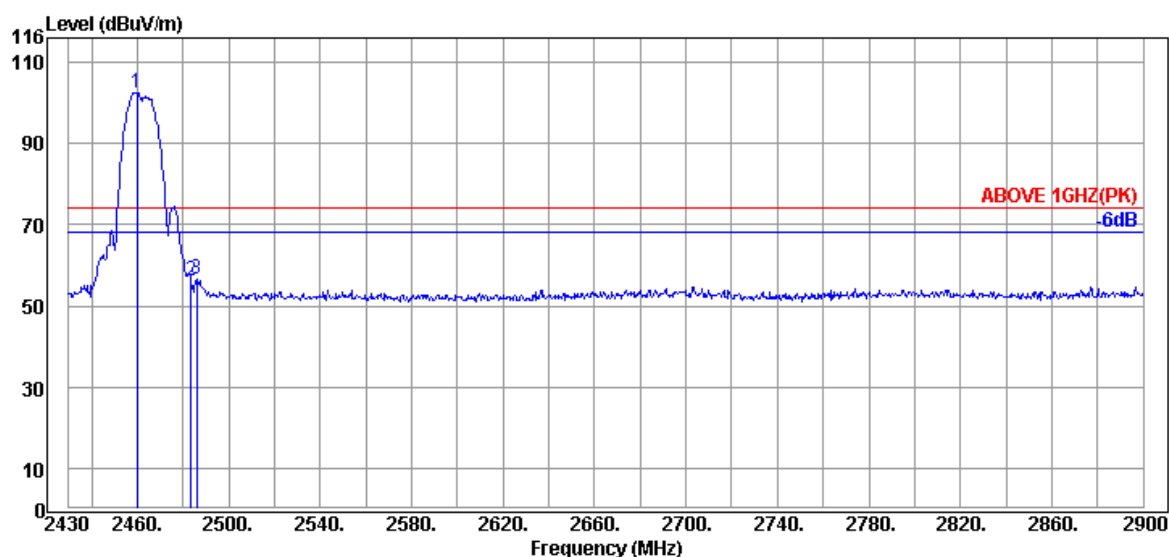
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2388.36	32.00	8.52	3.80	44.32	54.00	9.68	Average
2390.04	32.00	8.52	2.93	43.45	54.00	10.55	Average
@ 2409.24	32.13	8.53	57.68	98.34	---	---	Average

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

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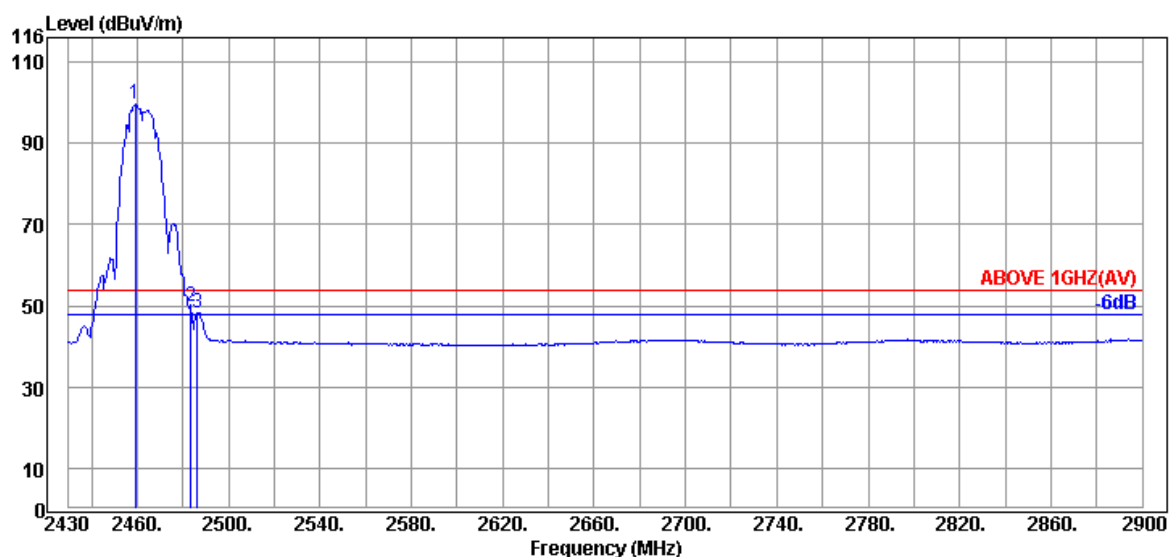
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Mode	802.11b	Frequency	TX 2462MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2460.08	32.66	8.57	61.18	102.41	---	---	Peak
2483.58	32.57	8.58	15.06	56.21	74.00	17.79	Peak
2485.93	32.56	8.58	15.28	56.42	74.00	17.58	Peak



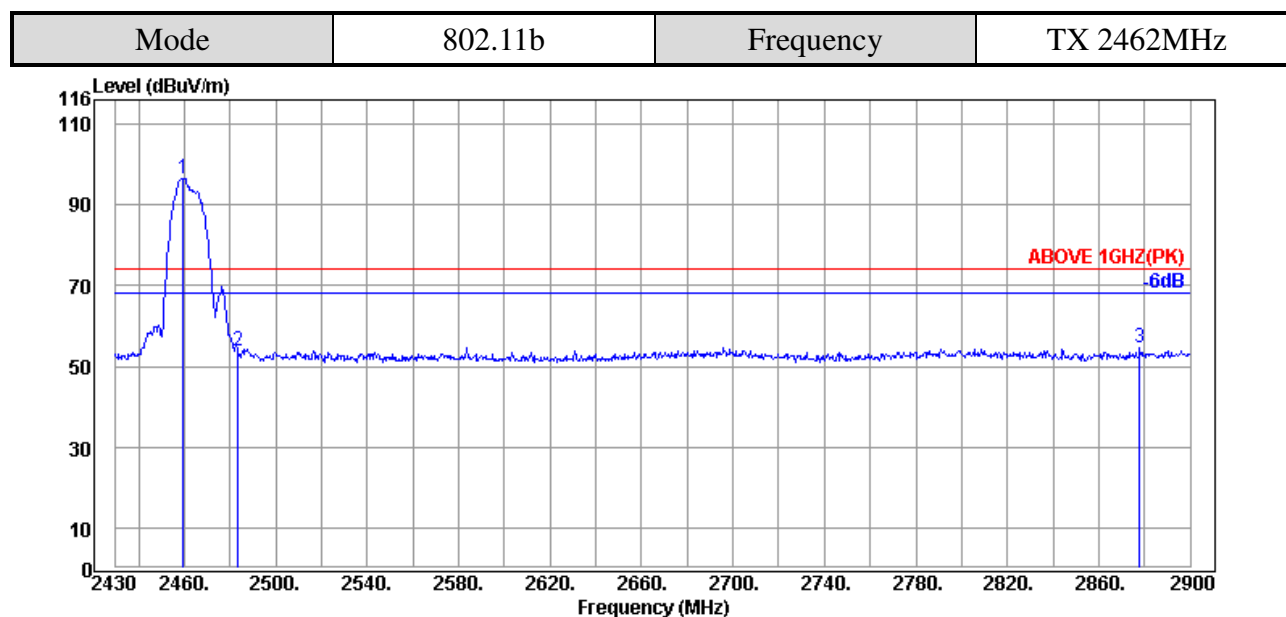
Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2459.14	32.66	8.57	58.26	99.49	---	---	Average
2483.58	32.57	8.58	8.69	49.84	54.00	4.16	Average
2486.40	32.55	8.58	7.08	48.21	54.00	5.79	Average

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

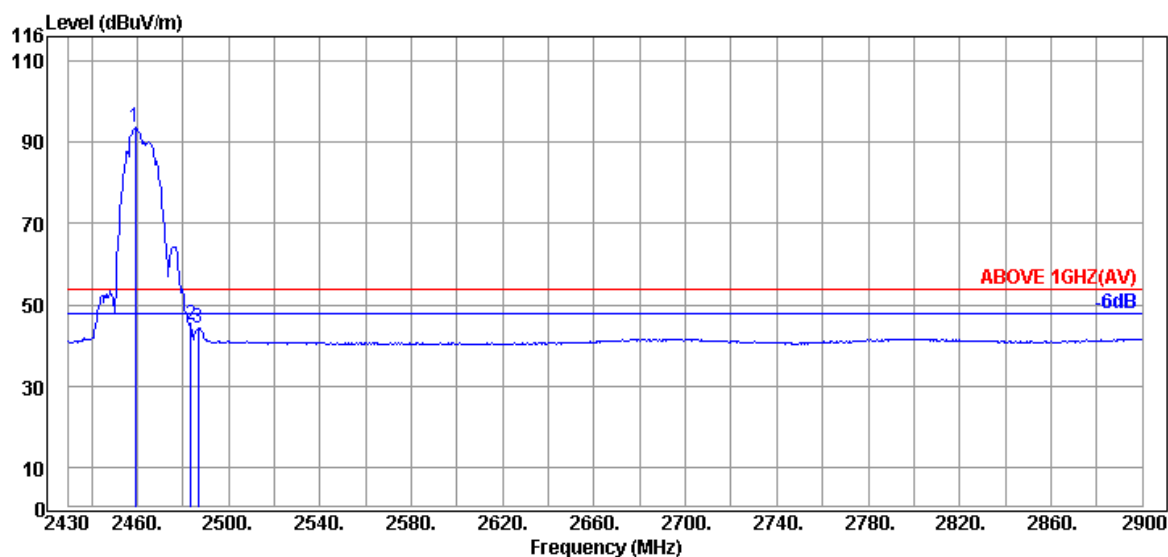
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Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2459.61	32.66	8.57	55.27	96.50	---	---	Peak
2483.58	32.57	8.58	12.48	53.63	74.00	20.37	Peak
2877.91	32.87	8.68	13.14	54.69	74.00	19.31	Peak



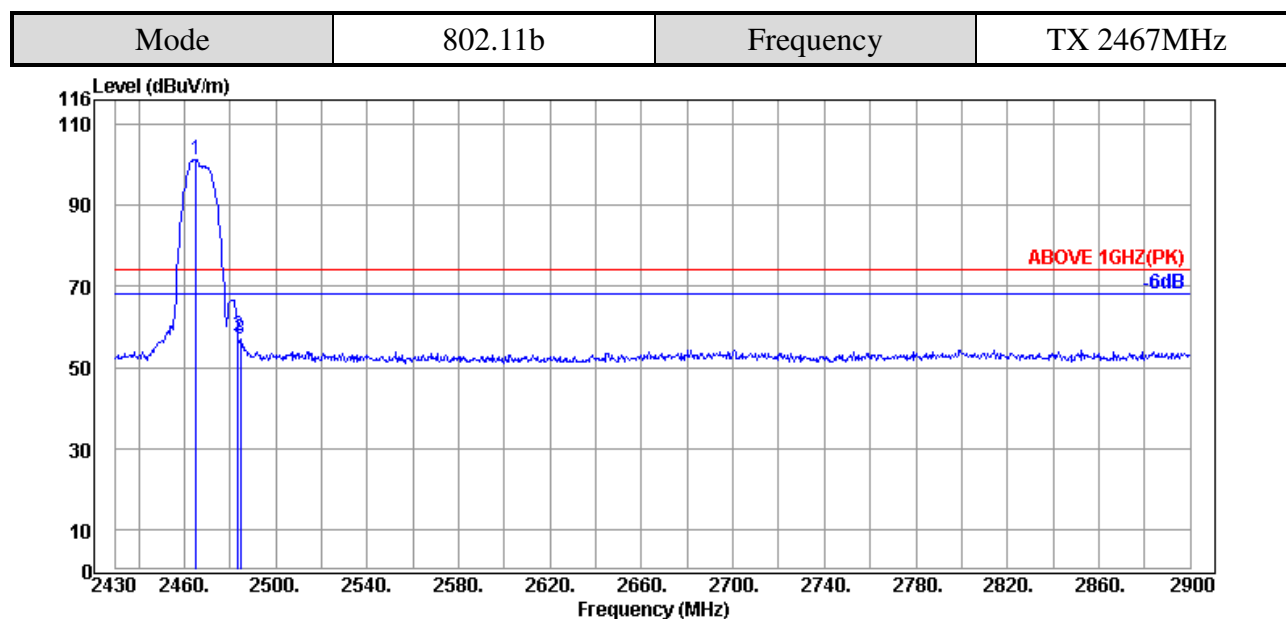
Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2459.14	32.66	8.57	52.35	93.58	---	---	Average
2483.58	32.57	8.58	3.98	45.13	54.00	8.87	Average
2486.87	32.55	8.58	3.15	44.28	54.00	9.72	Average

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

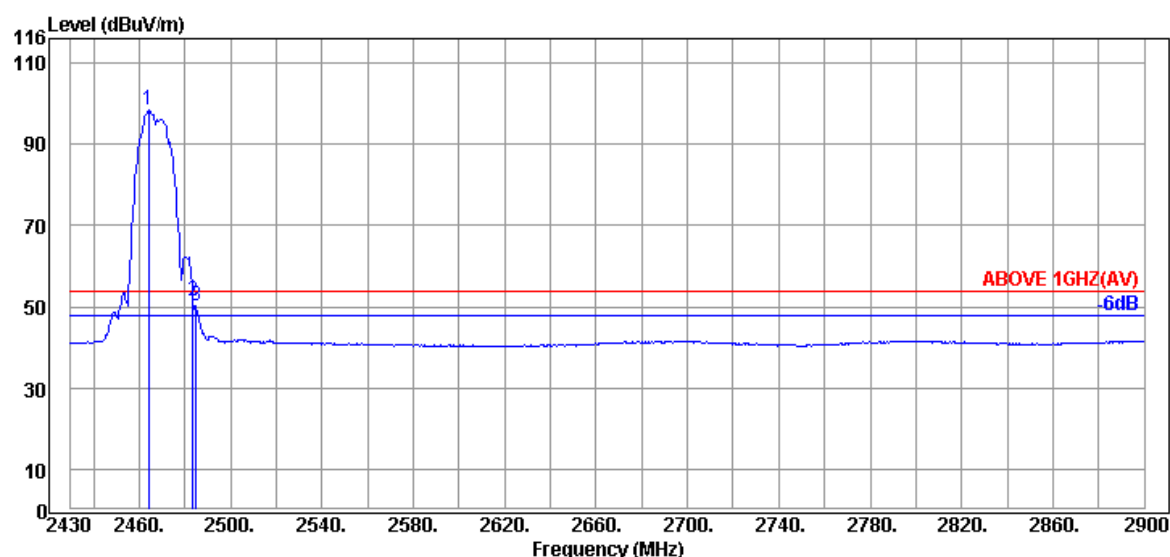
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2465.25	32.64	8.57	60.18	101.39	---	---	Peak
2483.58	32.57	8.58	16.83	57.98	74.00	16.02	Peak
2484.52	32.56	8.58	16.02	57.16	74.00	16.84	Peak



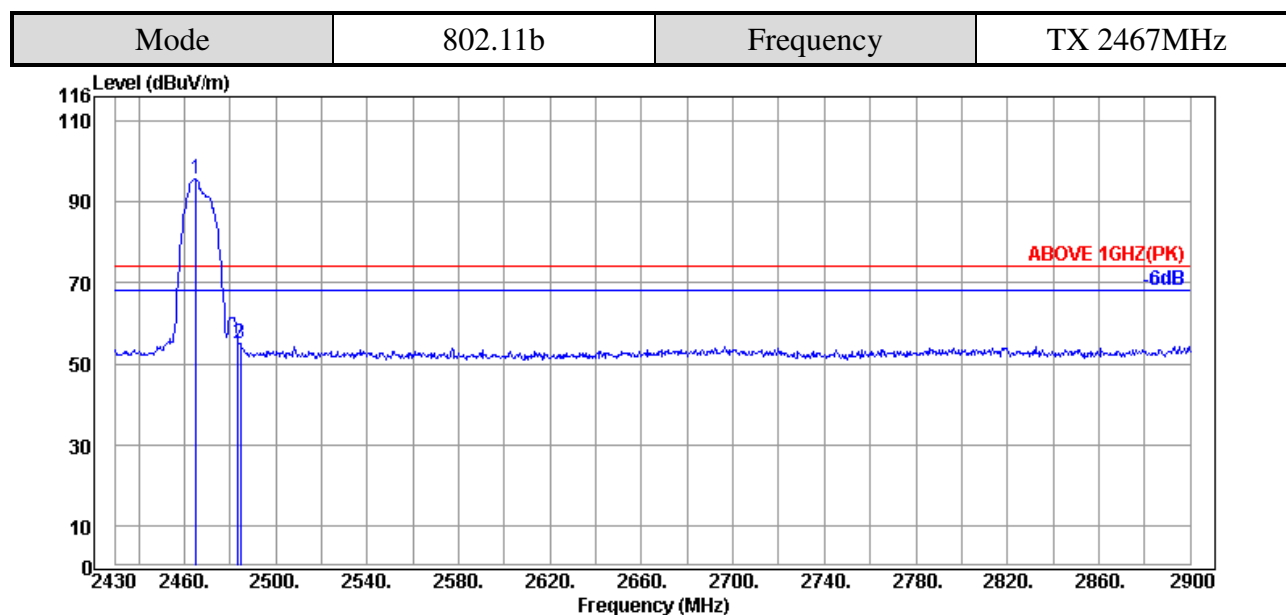
Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2464.31	32.64	8.57	57.18	98.39	---	---	Average
2483.58	32.57	8.58	10.10	51.25	54.00	2.75	Average
2484.99	32.56	8.58	9.03	50.17	54.00	3.83	Average

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

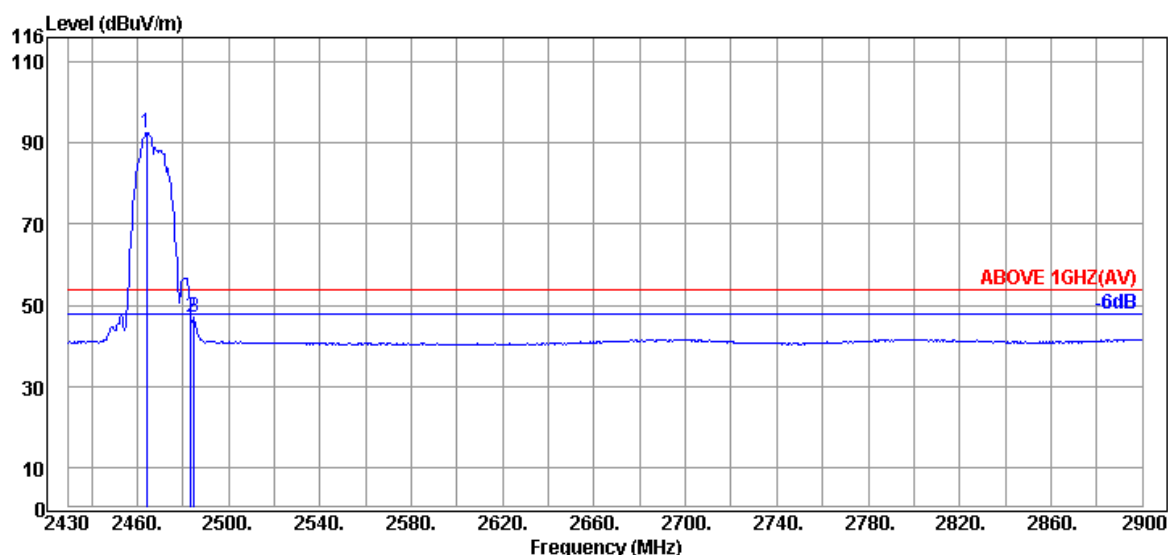
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Antenna at Vertical Polarization

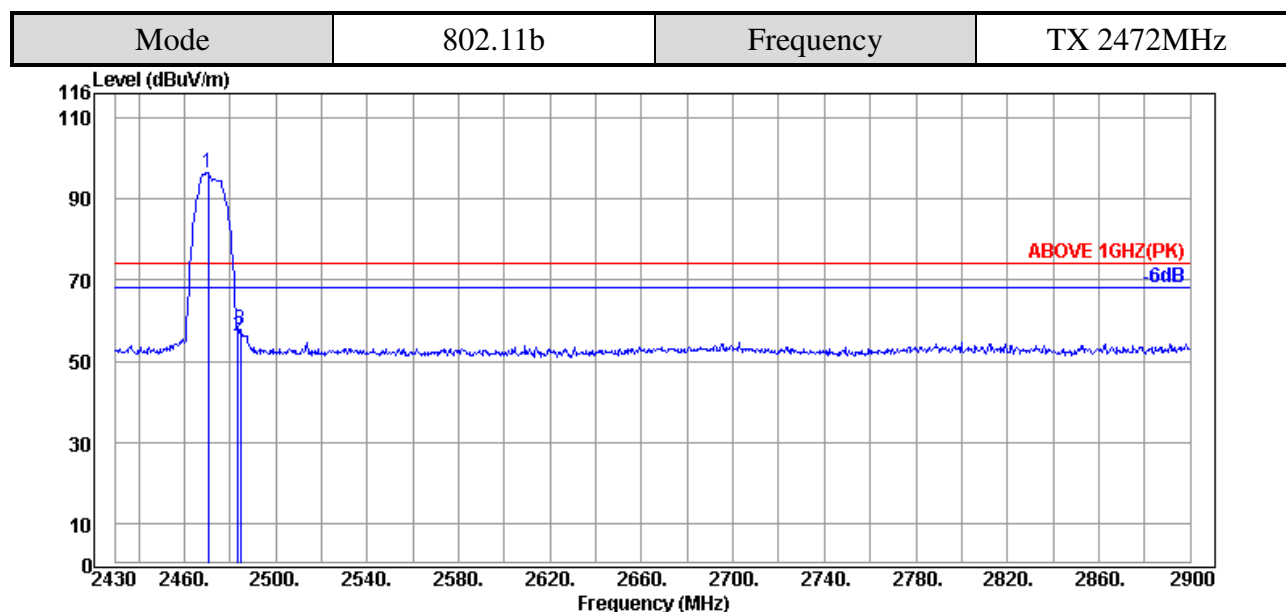
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2465.25	32.64	8.57	54.39	95.60	---	---	Peak
2483.58	32.57	8.58	14.06	55.21	74.00	18.79	Peak
2484.52	32.56	8.58	14.07	55.21	74.00	18.79	Peak



Antenna at Vertical Polarization

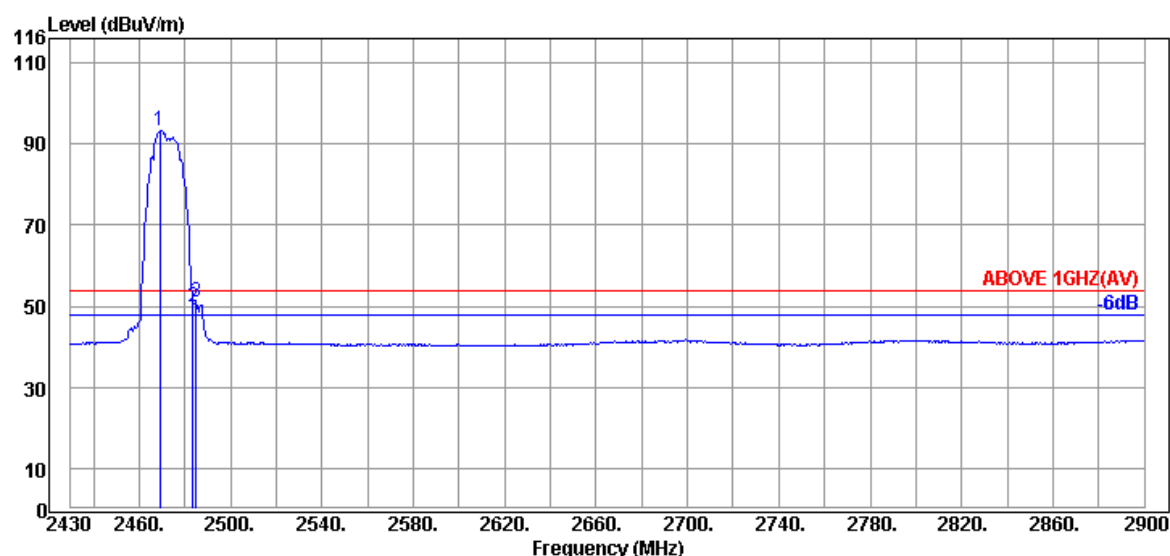
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2464.31	32.64	8.57	51.26	92.47	---	---	Average
2483.58	32.57	8.58	5.86	47.01	54.00	6.99	Average
2484.99	32.56	8.58	5.77	46.91	54.00	7.09	Average

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



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2470.42	32.62	8.57	55.32	96.51	---	---	Peak
2483.58	32.57	8.58	15.24	56.39	74.00	17.61	Peak
2484.52	32.56	8.58	16.47	57.61	74.00	16.39	Peak



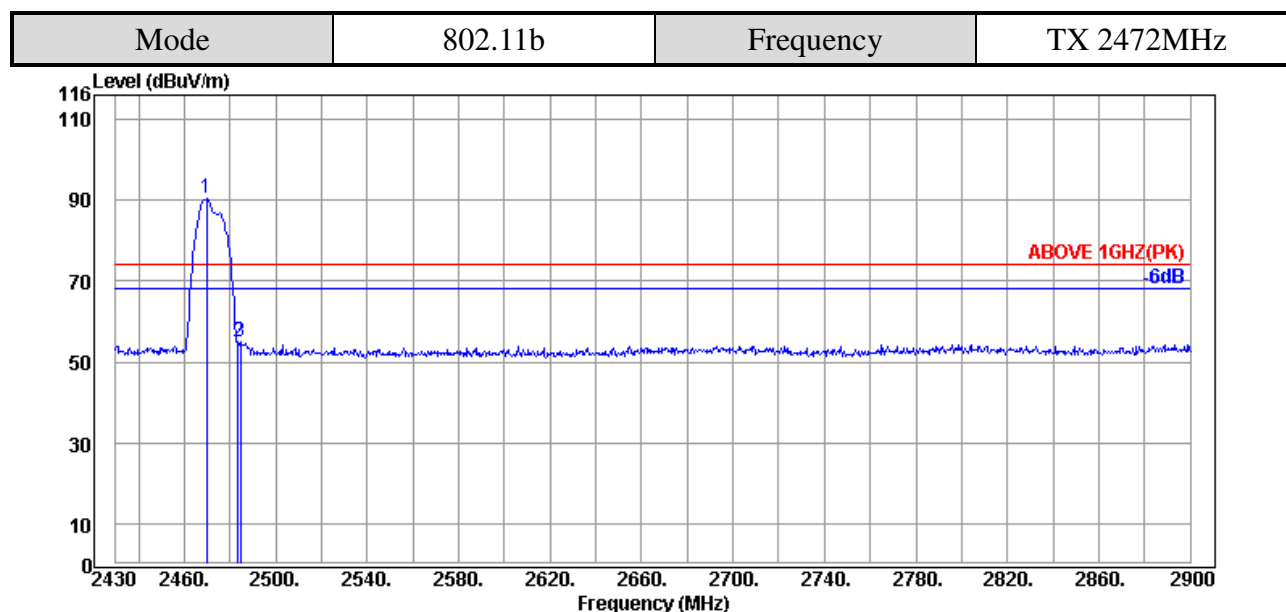
Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2469.01	32.62	8.57	52.19	93.38	---	---	Average
2483.58	32.57	8.58	8.75	49.90	54.00	4.10	Average
2484.99	32.56	8.58	9.91	51.05	54.00	2.95	Average

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

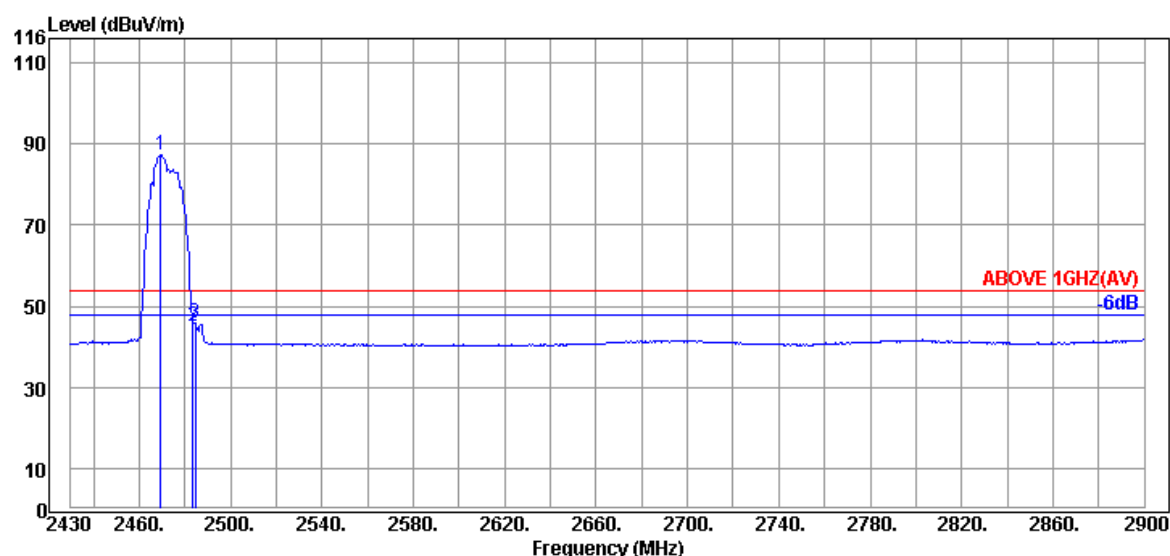
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Antenna at Vertical Polarization

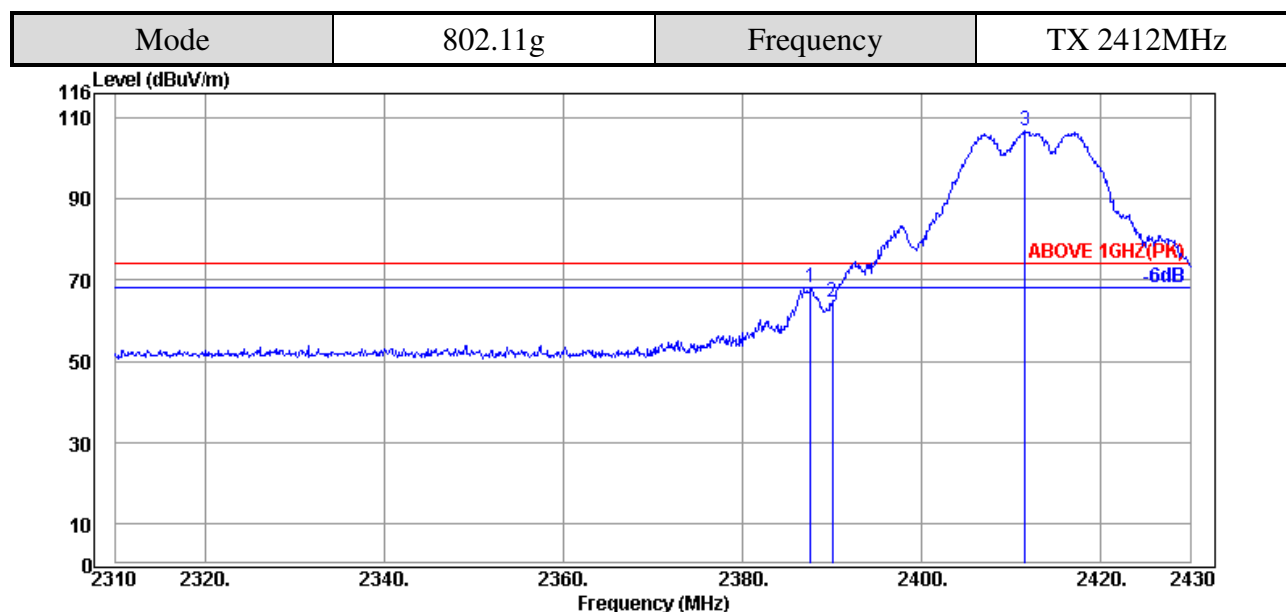
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2469.95	32.62	8.57	49.15	90.34	---	---	Peak
2483.58	32.57	8.58	13.87	55.02	74.00	18.98	Peak
2484.52	32.56	8.58	13.78	54.92	74.00	19.08	Peak



Antenna at Vertical Polarization

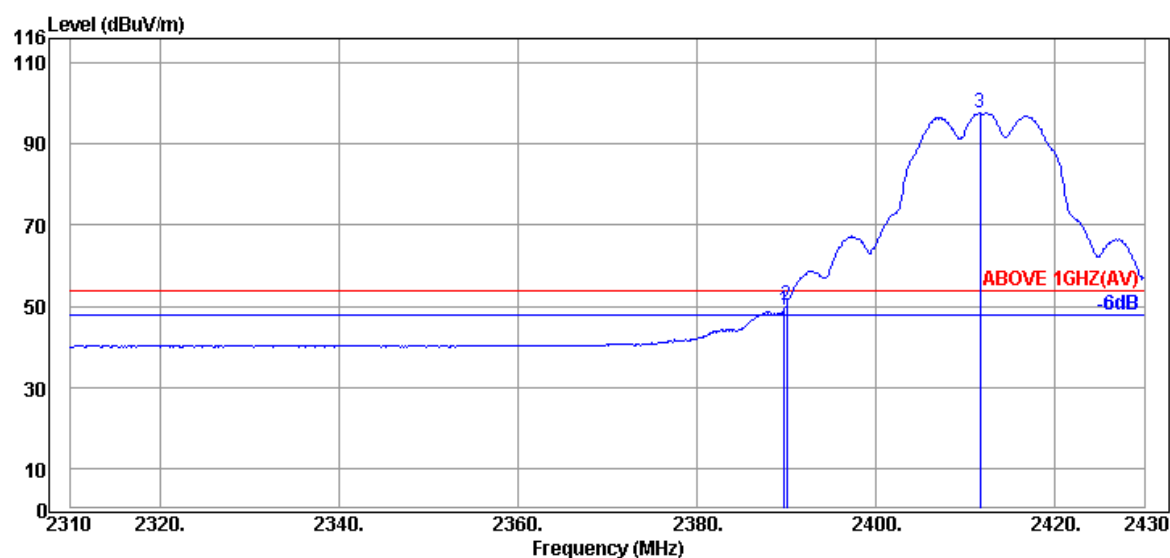
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2469.48	32.62	8.57	46.07	87.26	---	---	Average
2483.58	32.57	8.58	3.73	44.88	54.00	9.12	Average
2484.52	32.56	8.58	4.63	45.77	54.00	8.23	Average

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



Antenna at Horizontal Polarization

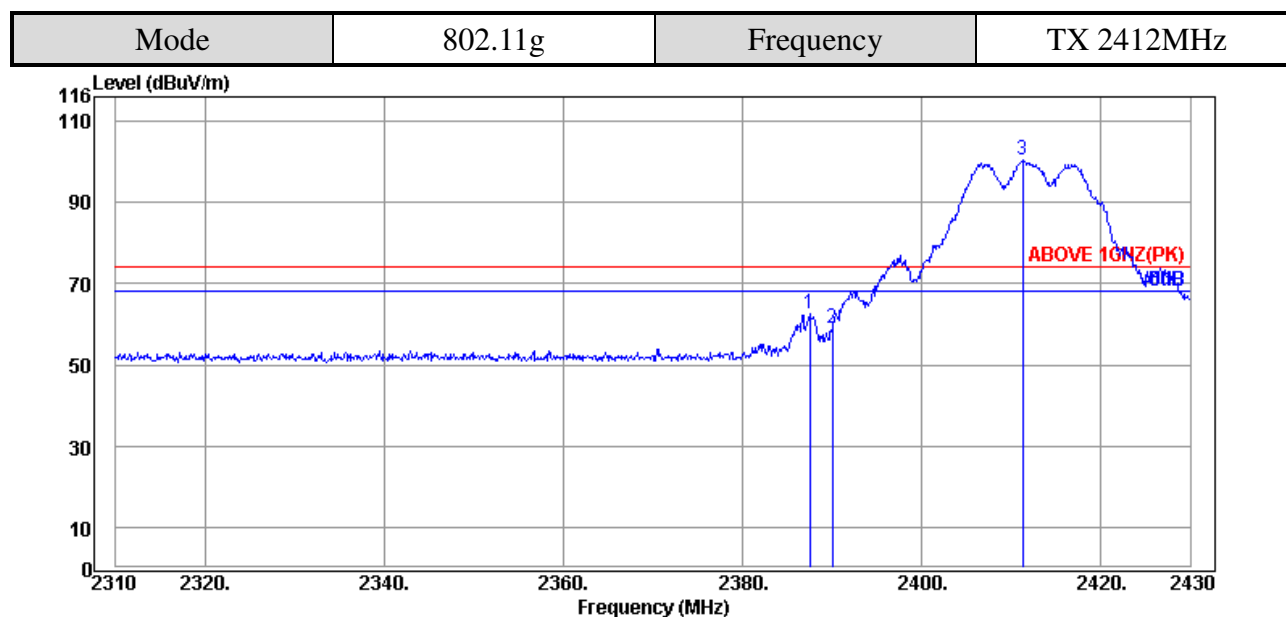
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2387.64	32.00	8.52	27.45	67.97	74.00	6.03	Peak
2390.04	32.00	8.52	23.96	64.48	74.00	9.52	Peak
@ 2411.52	32.16	8.53	65.97	106.66	---	---	Peak



Antenna at Horizontal Polarization

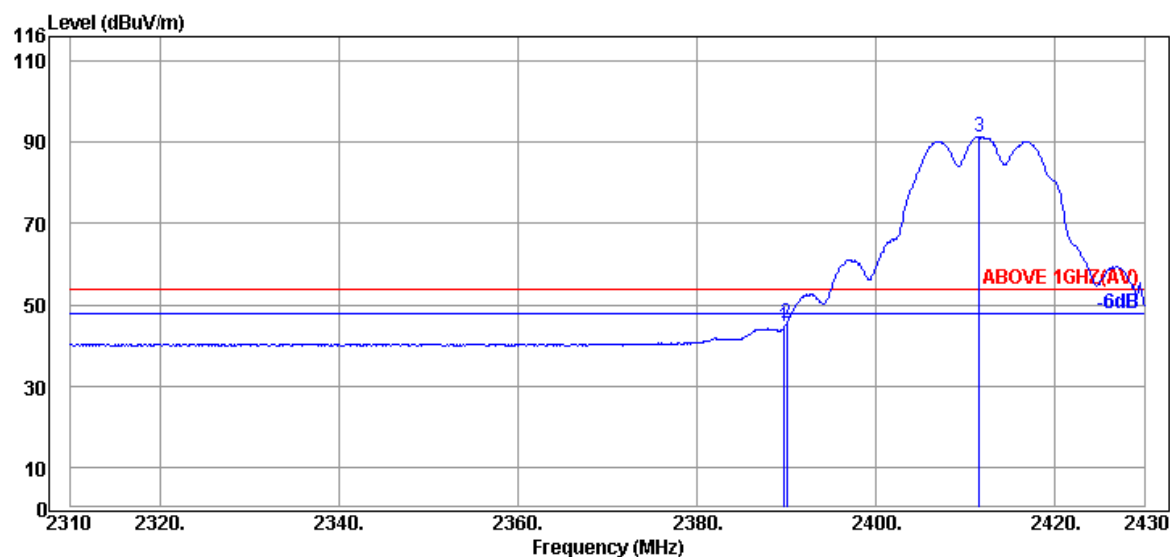
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2389.80	32.00	8.52	8.64	49.16	54.00	4.84	Average
2390.04	32.00	8.52	9.76	50.28	54.00	3.72	Average
@ 2411.64	32.16	8.53	56.95	97.64	---	---	Average

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



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2387.52	32.00	8.52	21.96	62.48	74.00	11.52	Peak
2390.04	32.00	8.52	18.28	58.80	74.00	15.20	Peak
@ 2411.28	32.16	8.53	59.72	100.41	---	---	Peak



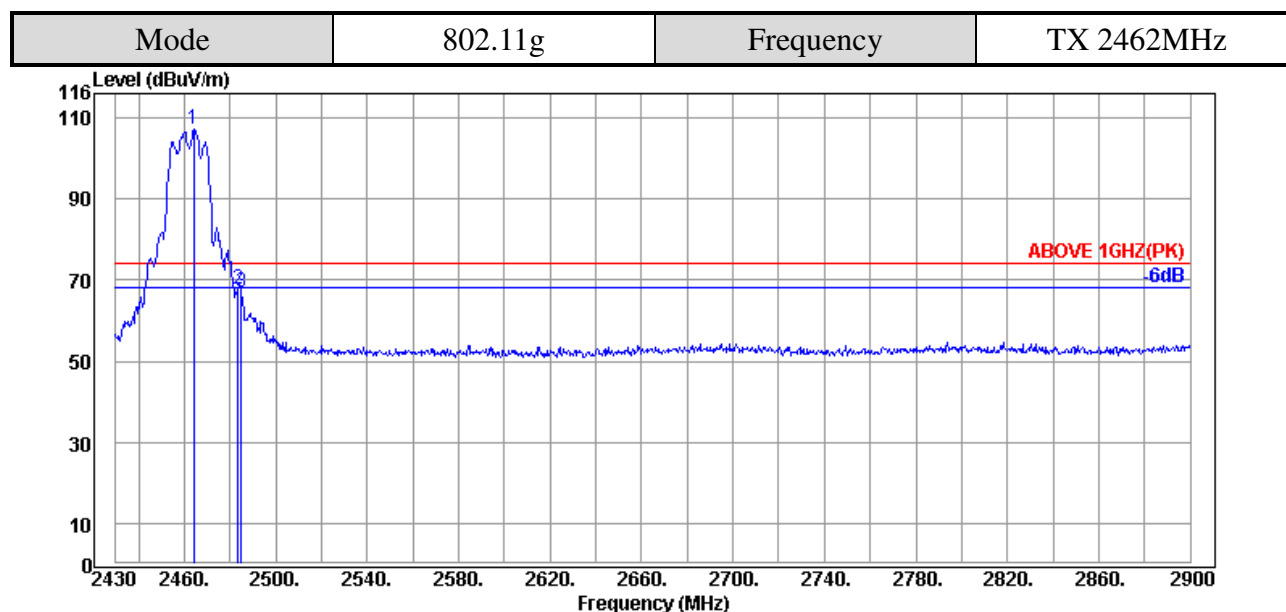
Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2389.80	32.00	8.52	4.27	44.79	54.00	9.21	Average
2390.04	32.00	8.52	4.93	45.45	54.00	8.55	Average
@ 2411.52	32.16	8.53	50.69	91.38	---	---	Average

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

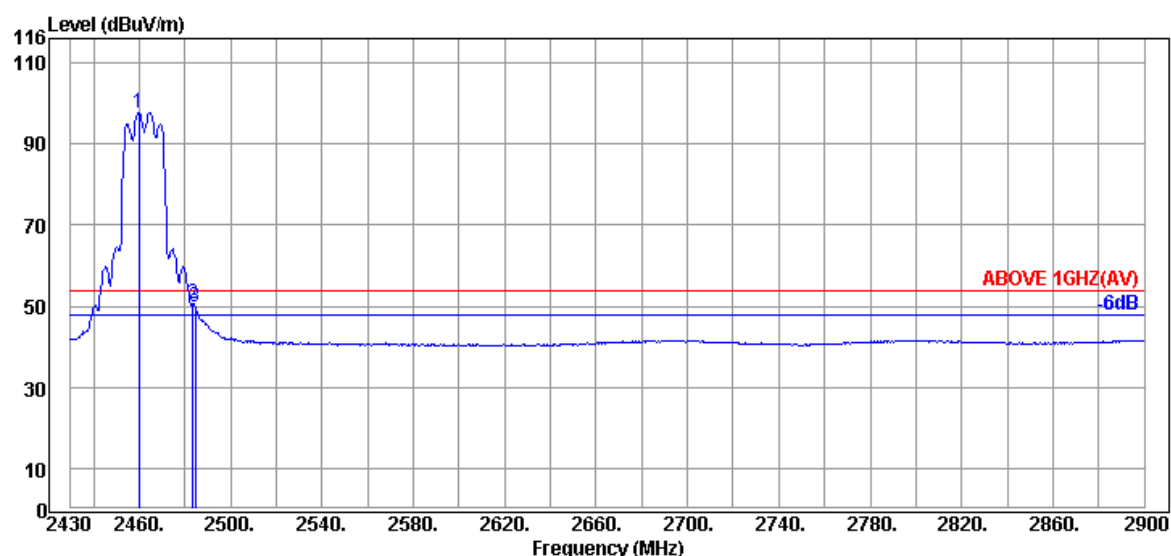
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2464.31	32.64	8.57	65.94	107.15	---	---	Peak
2483.58	32.57	8.58	26.45	67.60	74.00	6.40	Peak
2484.99	32.56	8.58	25.89	67.03	74.00	6.97	Peak



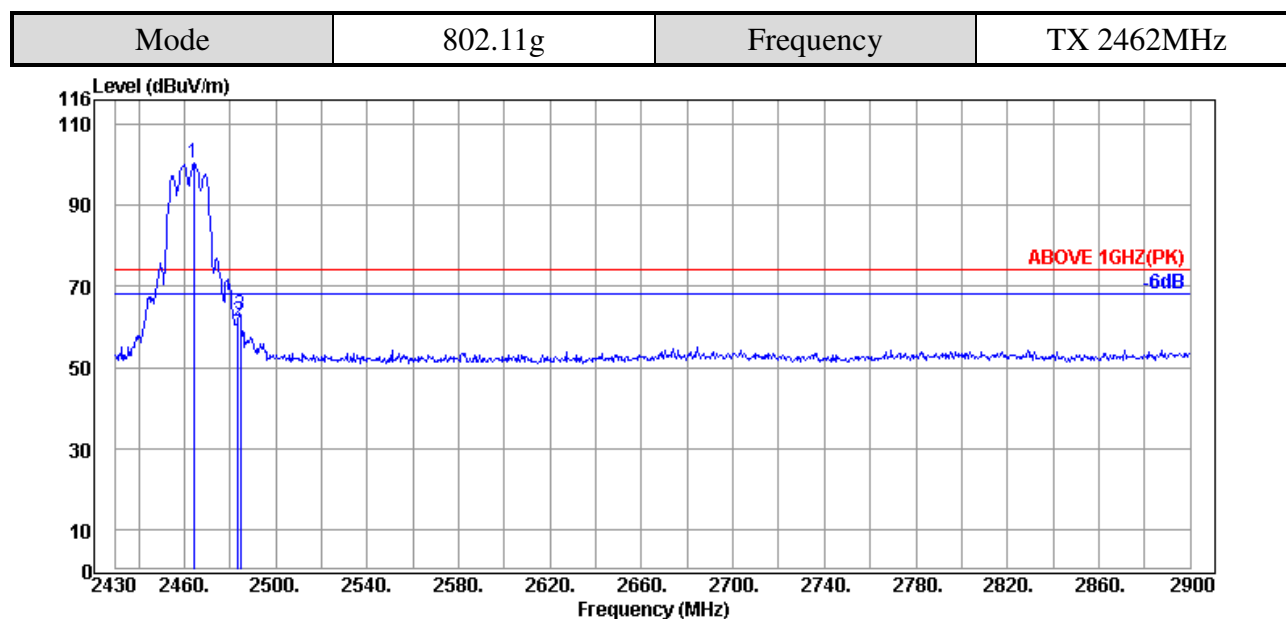
Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2460.08	32.66	8.57	56.61	97.84	---	---	Average
2483.58	32.57	8.58	9.65	50.80	54.00	3.20	Average
2484.52	32.56	8.58	8.81	49.95	54.00	4.05	Average

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

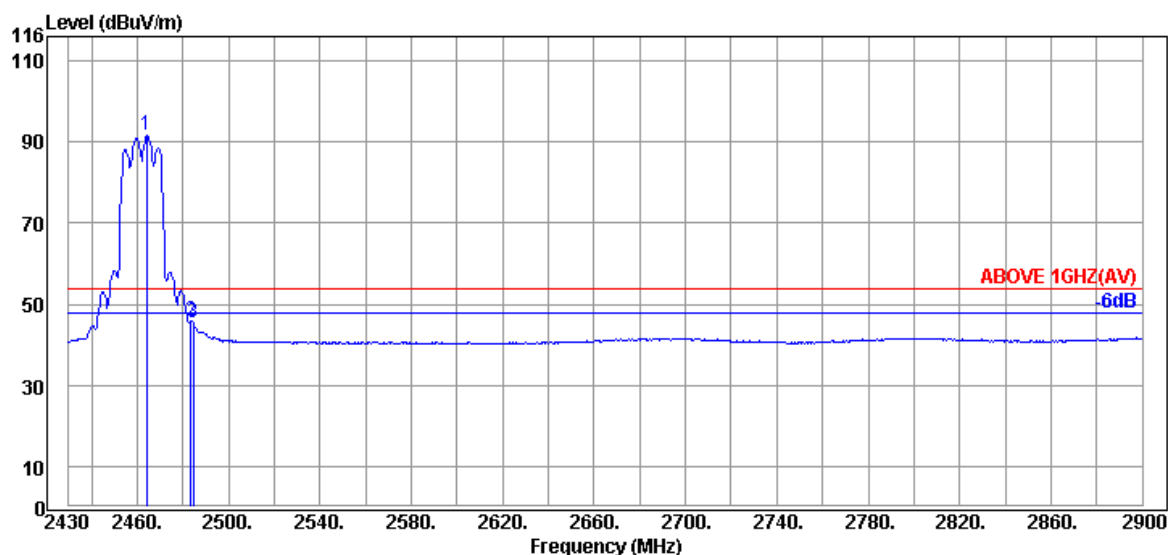
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Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2464.31	32.64	8.57	59.28	100.49	---	---	Peak
2483.58	32.57	8.58	20.19	61.34	74.00	12.66	Peak
2484.52	32.56	8.58	22.00	63.14	74.00	10.86	Peak



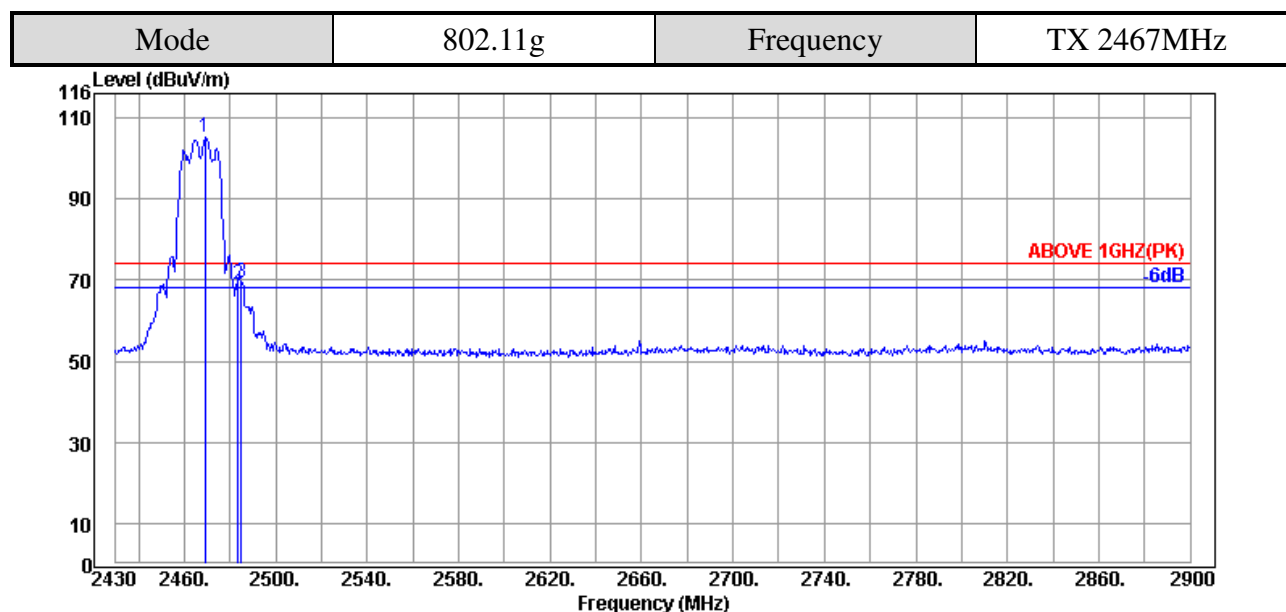
Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2464.31	32.64	8.57	50.48	91.69	---	---	Average
2483.58	32.57	8.58	4.72	45.87	54.00	8.13	Average
2484.52	32.56	8.58	4.12	45.26	54.00	8.74	Average

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

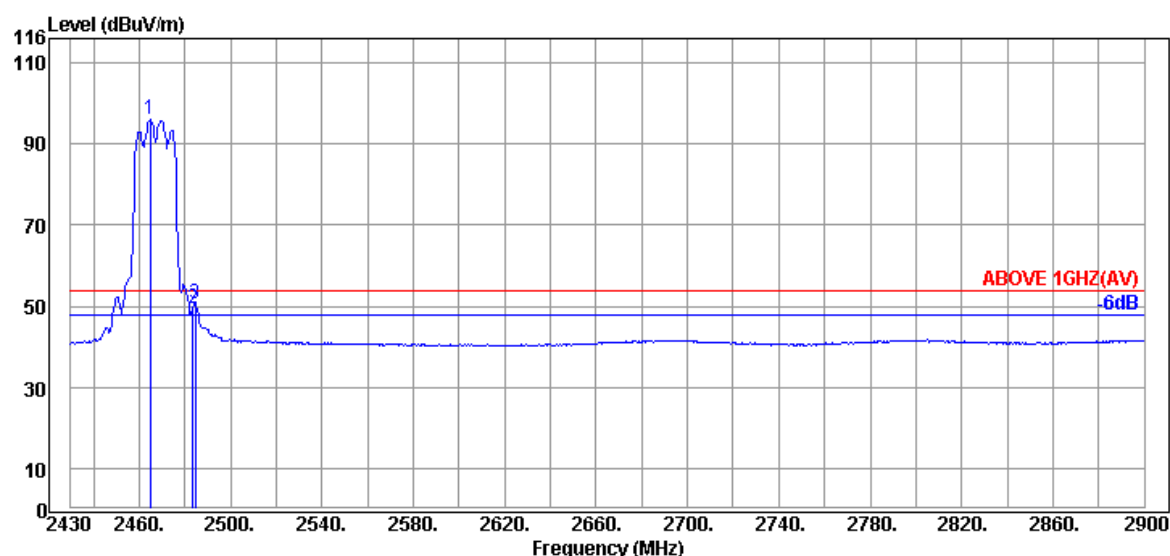
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2469.01	32.62	8.57	64.04	105.23	---	---	Peak
2483.58	32.57	8.58	28.00	69.15	74.00	4.85	Peak
2484.99	32.56	8.58	28.25	69.39	74.00	4.61	Peak



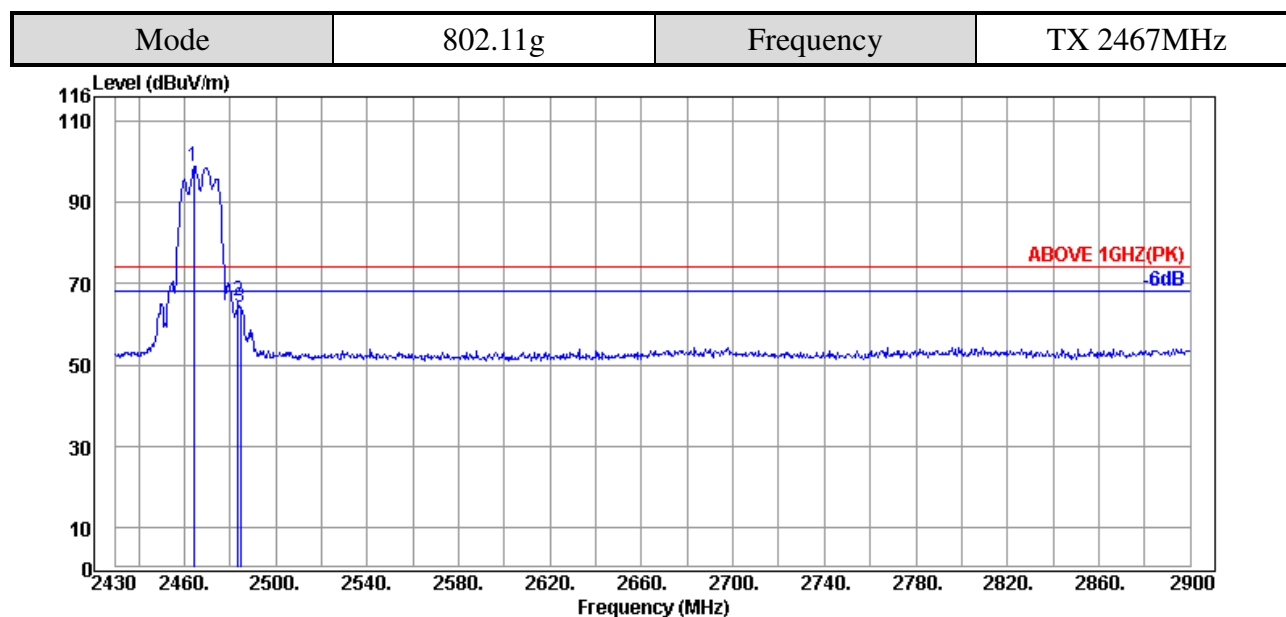
Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2464.78	32.64	8.57	54.98	96.19	---	---	Average
2483.58	32.57	8.58	8.41	49.56	54.00	4.44	Average
2484.52	32.56	8.58	9.58	50.72	54.00	3.28	Average

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

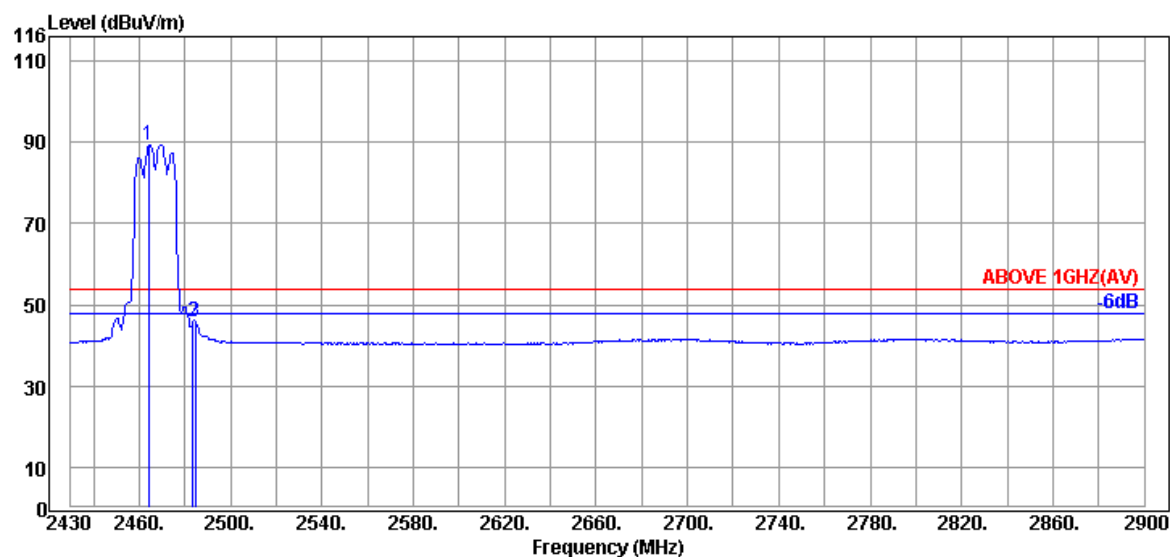
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Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2464.31	32.64	8.57	57.74	98.95	---	---	Peak
2483.58	32.57	8.58	24.43	65.58	74.00	8.42	Peak
2484.52	32.56	8.58	23.24	64.38	74.00	9.62	Peak



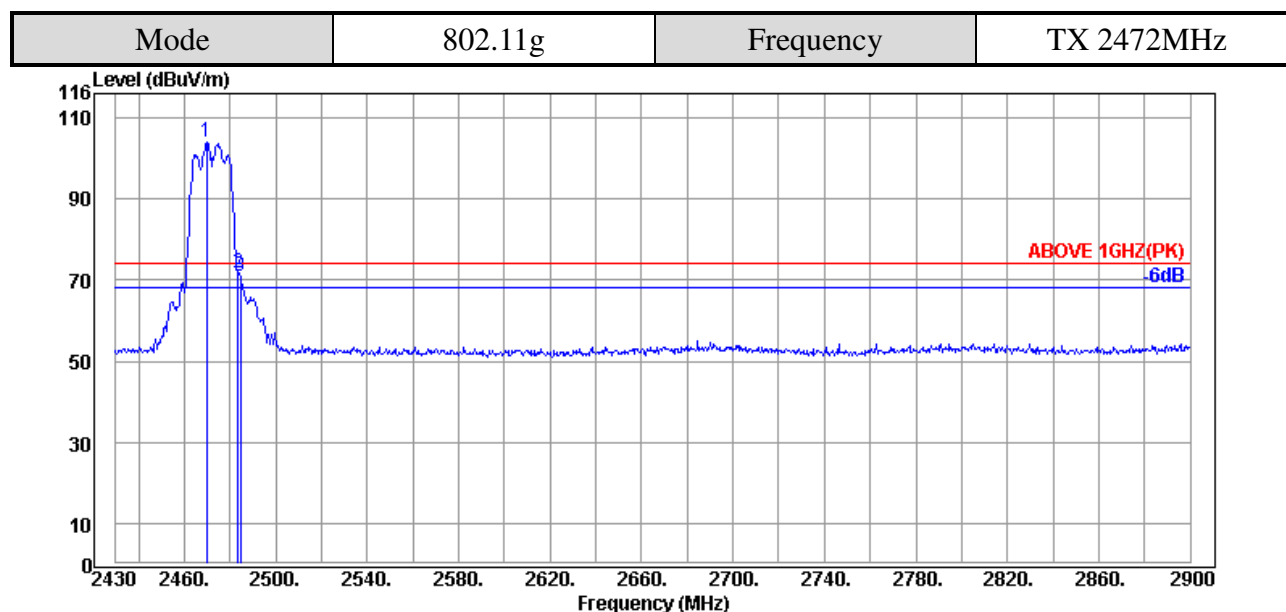
Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2464.31	32.64	8.57	48.18	89.39	---	---	Average
2483.58	32.57	8.58	4.59	45.74	54.00	8.26	Average
2484.52	32.56	8.58	4.86	46.00	54.00	8.00	Average

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

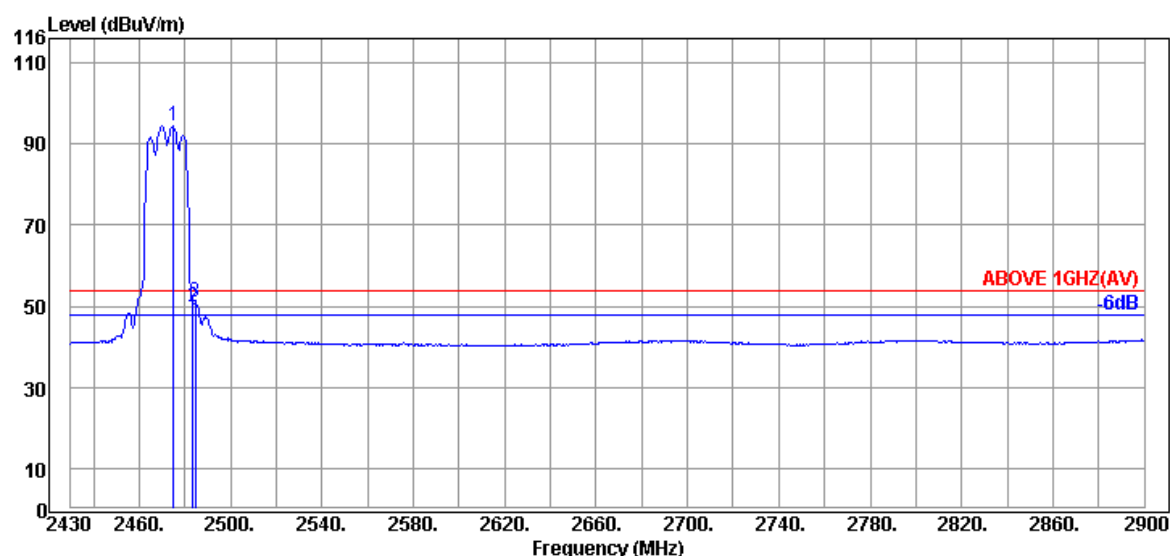
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2469.95	32.62	8.57	62.81	104.00	---	---	Peak
2483.58	32.57	8.58	30.78	71.93	74.00	2.07	Peak
2484.52	32.56	8.58	29.70	70.84	74.00	3.16	Peak



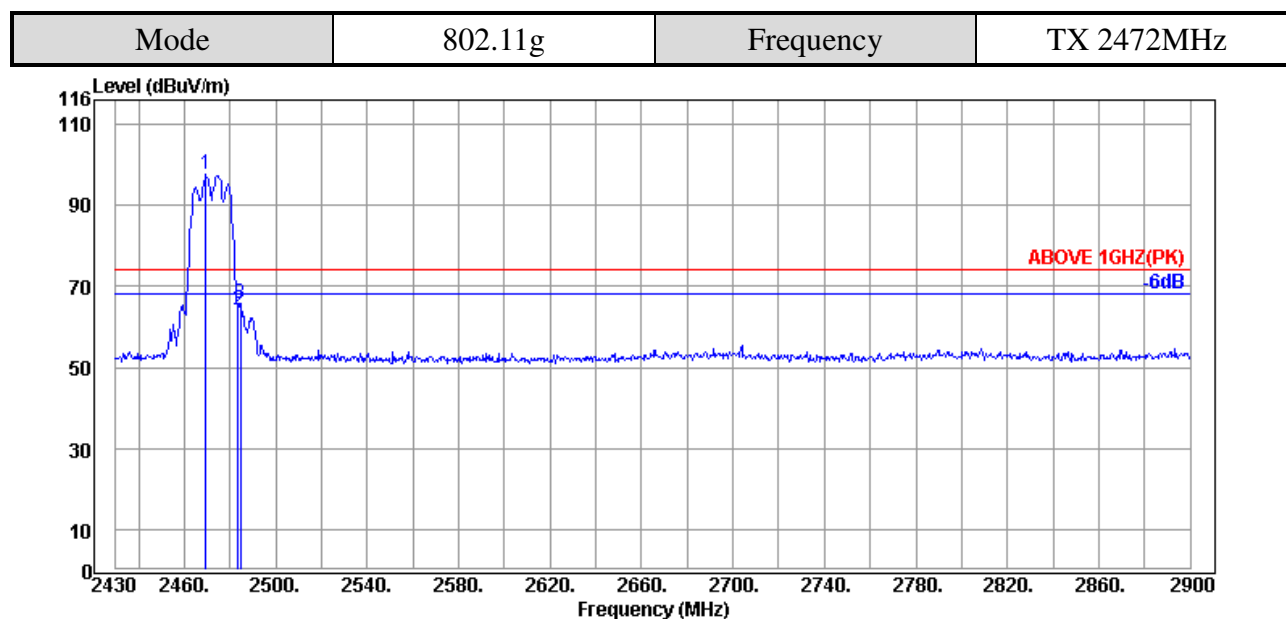
Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2475.12	32.60	8.58	53.37	94.55	---	---	Average
2483.58	32.57	8.58	8.82	49.97	54.00	4.03	Average
2484.52	32.56	8.58	9.75	50.89	54.00	3.11	Average

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

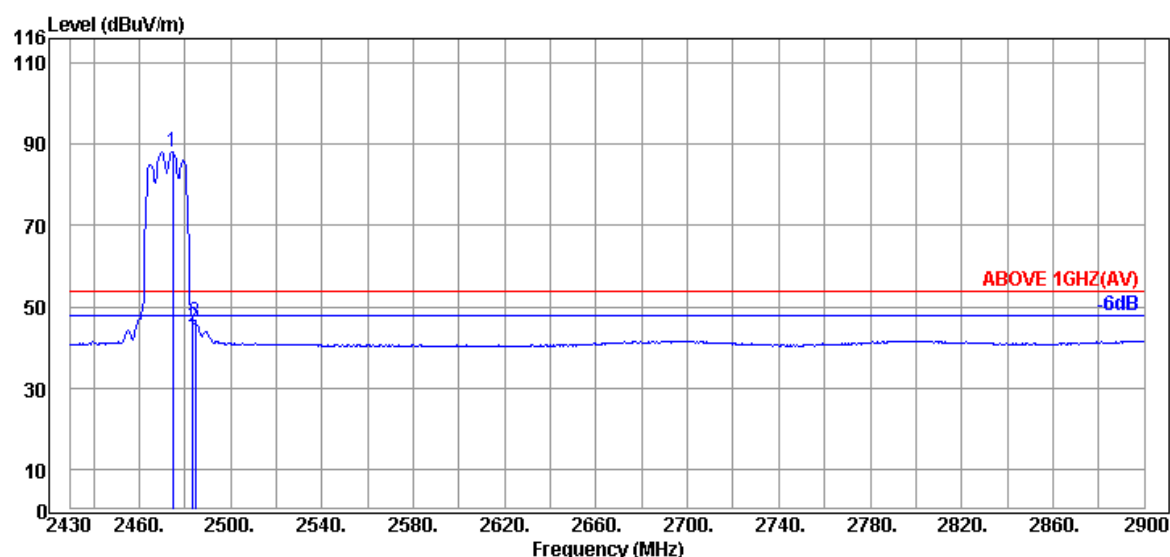
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Antenna at Vertical Polarization

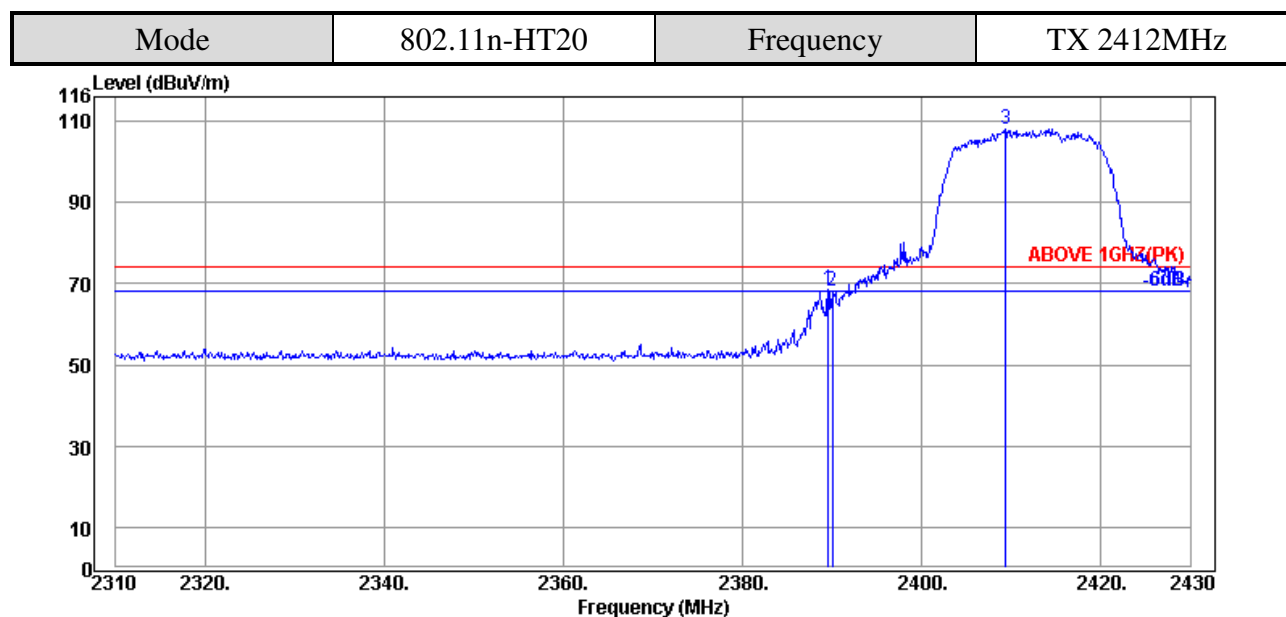
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2469.48	32.62	8.57	56.29	97.48	---	---	Peak
2483.58	32.57	8.58	22.88	64.03	74.00	9.97	Peak
2484.52	32.56	8.58	24.61	65.75	74.00	8.25	Peak



Antenna at Vertical Polarization

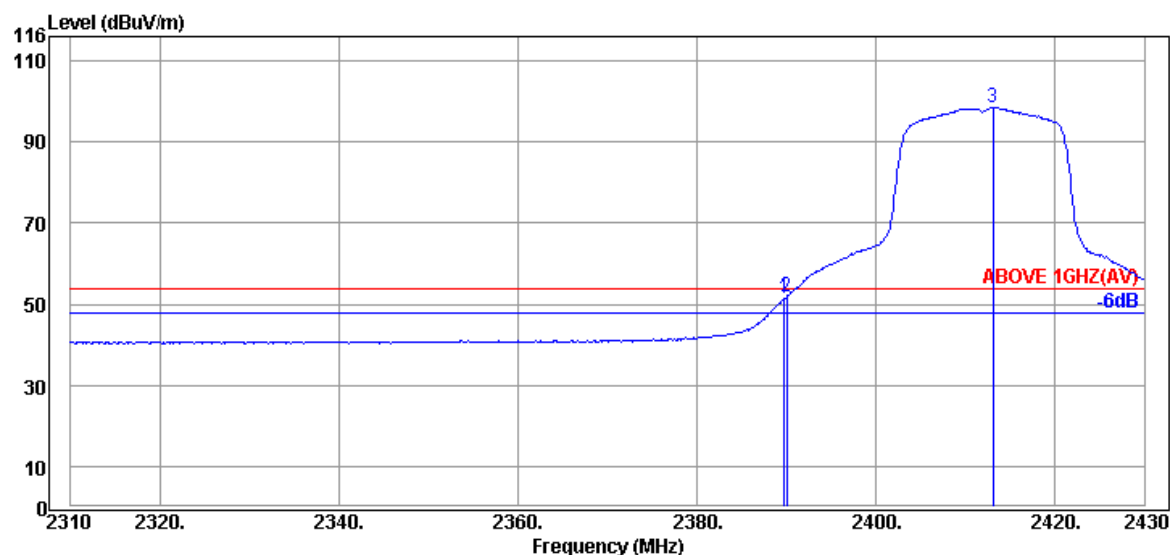
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2474.65	32.60	8.58	47.05	88.23	---	---	Average
2483.58	32.57	8.58	4.03	45.18	54.00	8.82	Average
2484.52	32.56	8.58	5.03	46.17	54.00	7.83	Average

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



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2389.56	32.00	8.52	28.21	68.73	74.00	5.27	Peak
2390.04	32.00	8.52	27.64	68.16	74.00	5.84	Peak
@ 2409.36	32.13	8.53	67.30	107.96	---	---	Peak

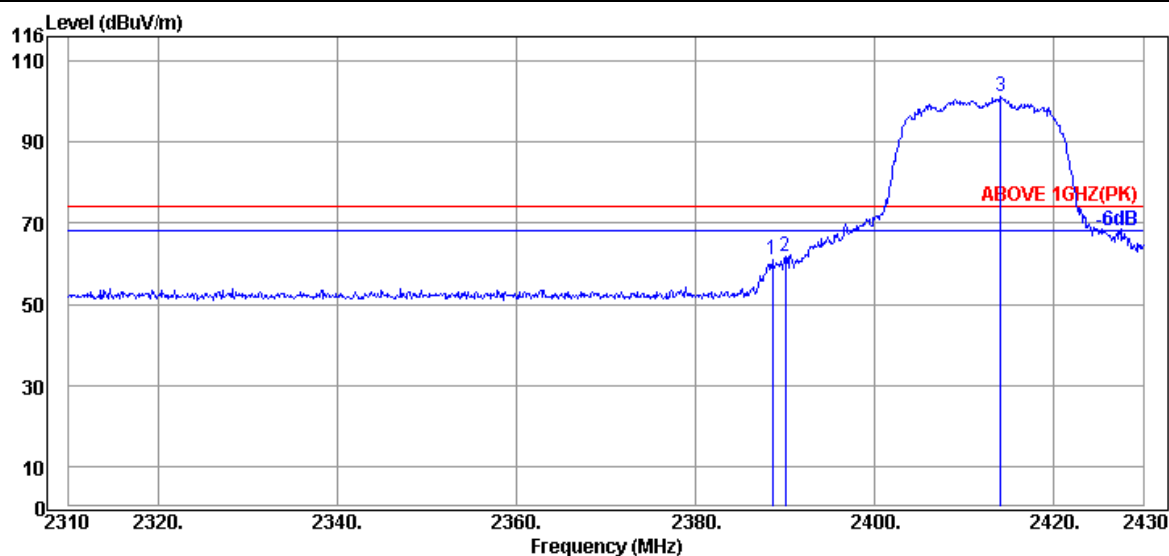


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2389.80	32.00	8.52	10.73	51.25	54.00	2.75	Average
2390.04	32.00	8.52	11.32	51.84	54.00	2.16	Average
@ 2413.08	32.18	8.53	57.77	98.48	---	---	Average

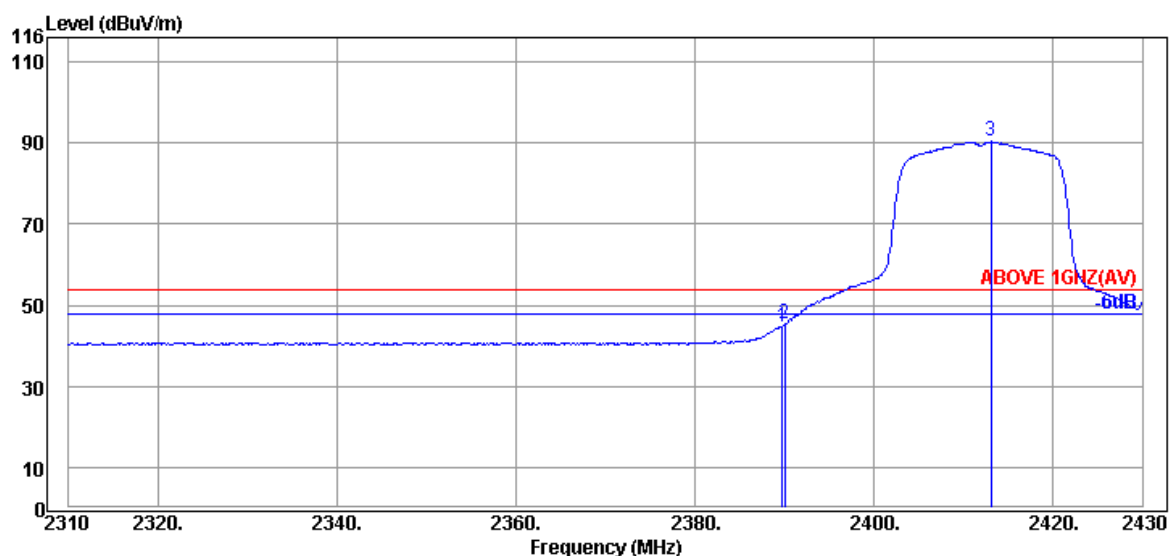
Remark: The “@” means fundamental frequency, it is ignored in this section.

Mode	802.11n-HT20	Frequency	TX 2412MHz
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Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2388.60	32.00	8.52	20.34	60.86	74.00	13.14	Peak
2390.04	32.00	8.52	21.23	61.75	74.00	12.25	Peak
@ 2414.04	32.20	8.53	60.33	101.06	---	---	Peak

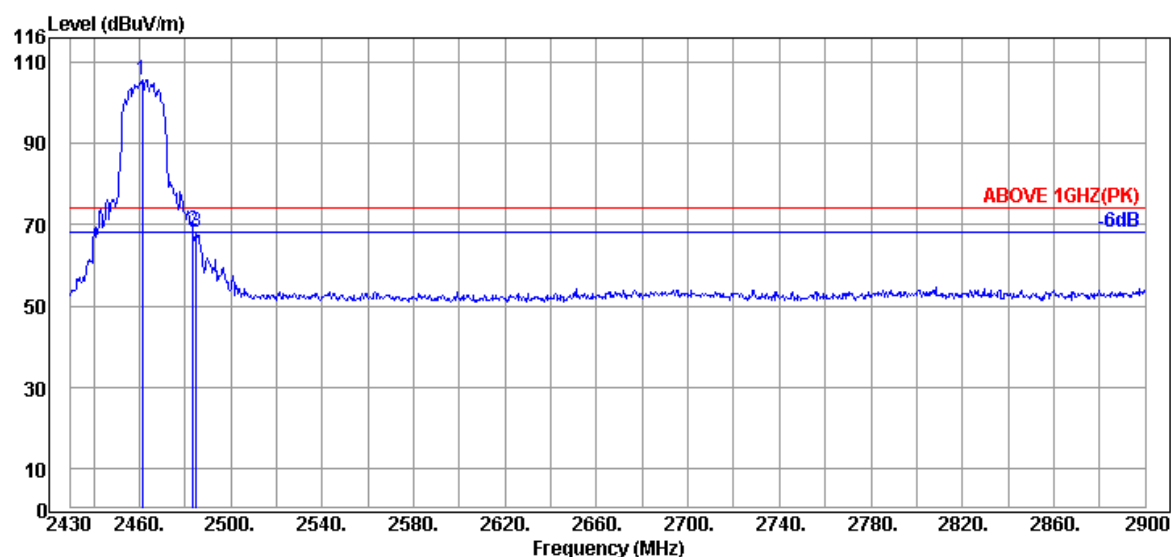


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2389.80	32.00	8.52	4.25	44.77	54.00	9.23	Average
2390.04	32.00	8.52	4.75	45.27	54.00	8.73	Average
@ 2413.08	32.18	8.53	49.62	90.33	---	---	Average

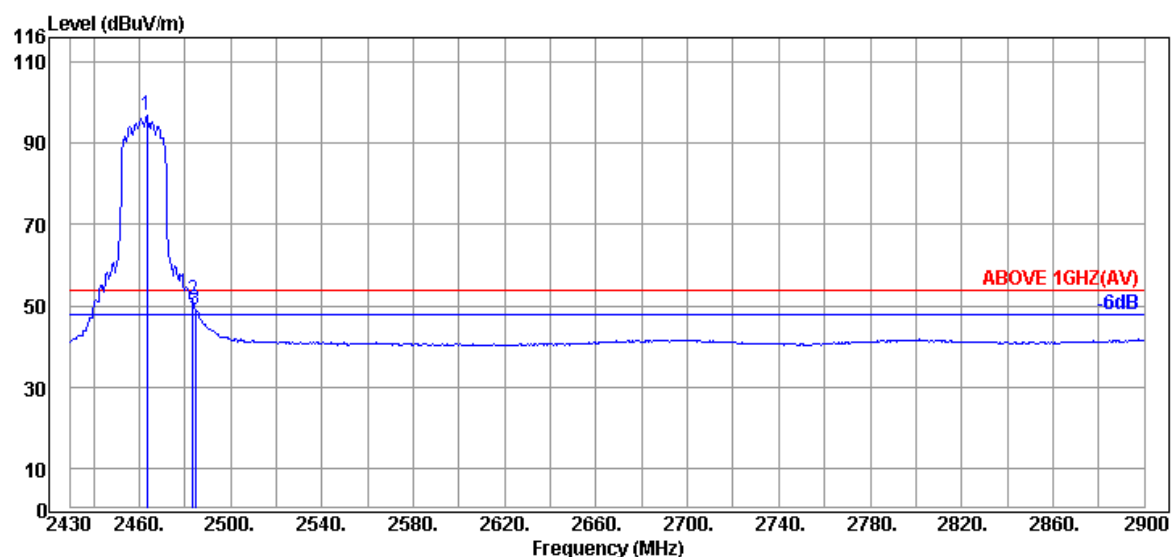
Remark: The "@" means fundamental frequency, it is ignored in this section.

Mode	802.11n-HT20	Frequency	TX 2462MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2461.49	32.65	8.57	64.51	105.73	---	---	Peak
2483.58	32.57	8.58	27.49	68.64	74.00	5.36	Peak
2484.99	32.56	8.58	27.12	68.26	74.00	5.74	Peak



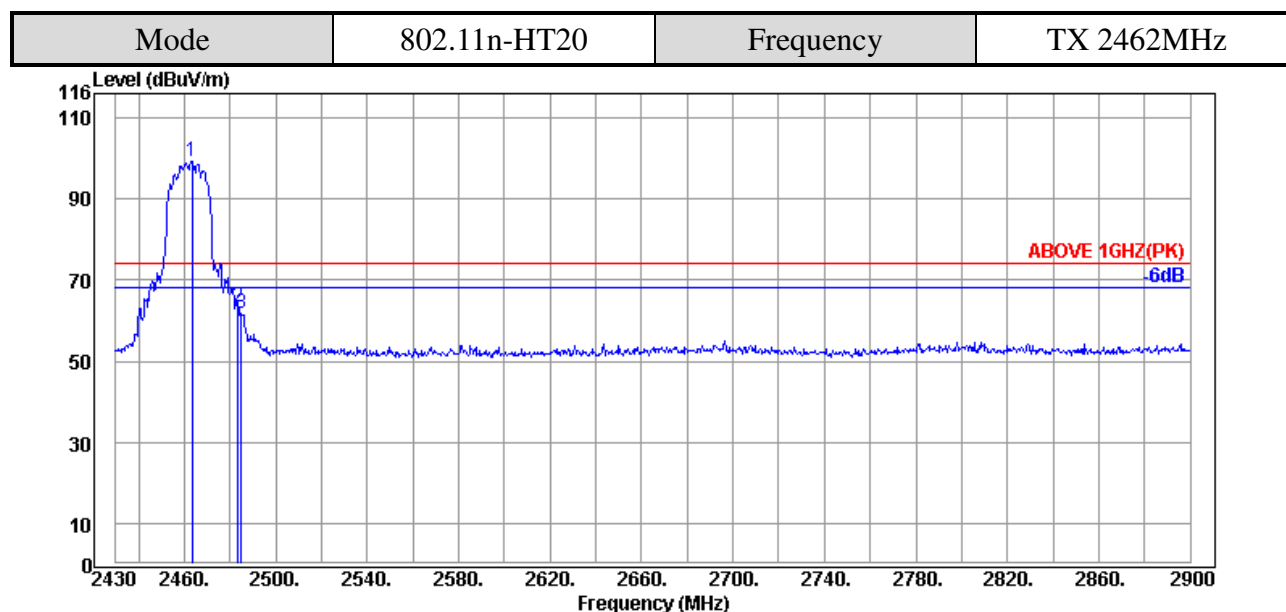
Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2463.37	32.65	8.57	55.47	96.69	---	---	Average
2483.58	32.57	8.58	10.29	51.44	54.00	2.56	Average
2484.52	32.56	8.58	7.94	49.08	54.00	4.92	Average

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

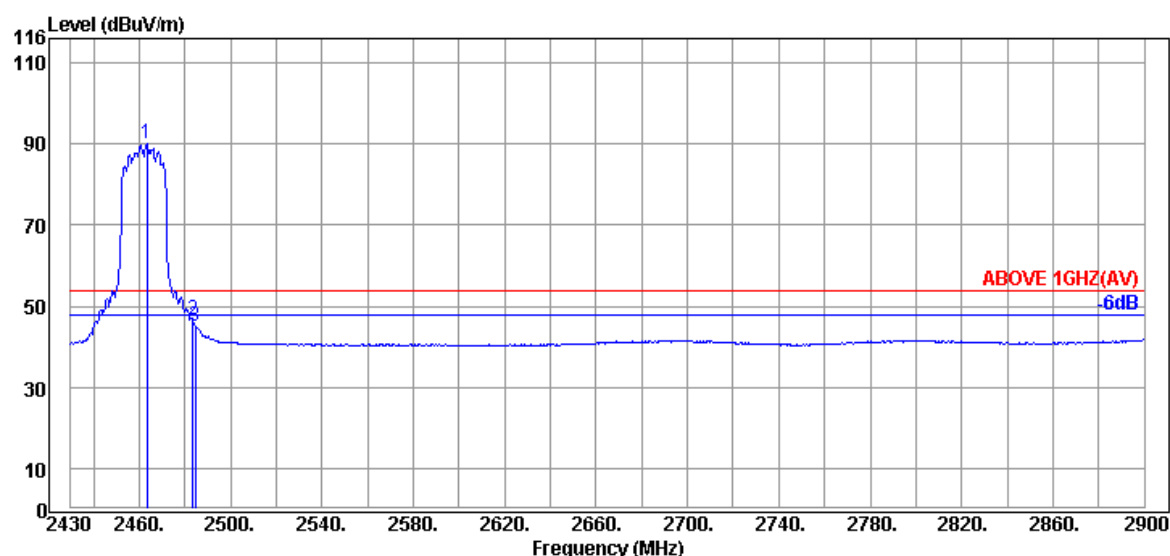
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Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2463.37	32.65	8.57	57.93	99.15	---	---	Peak
2483.58	32.57	8.58	22.08	63.23	74.00	10.77	Peak
2484.99	32.56	8.58	20.55	61.69	74.00	12.31	Peak



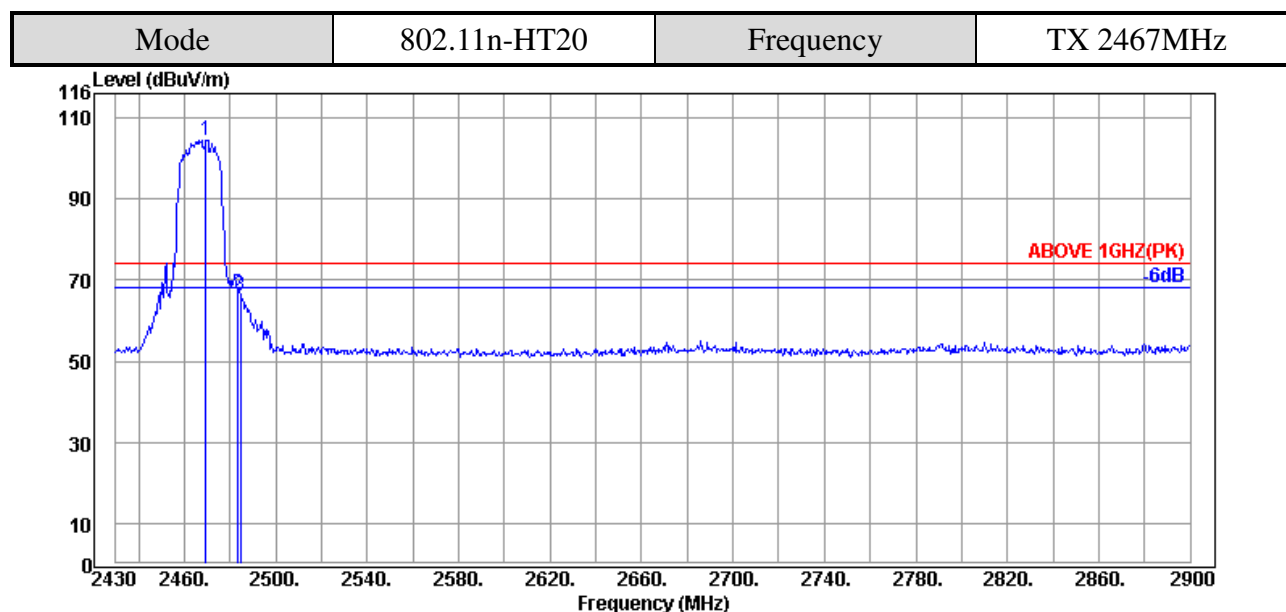
Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2463.37	32.65	8.57	48.88	90.10	---	---	Average
2483.58	32.57	8.58	5.65	46.80	54.00	7.20	Average
2484.52	32.56	8.58	3.99	45.13	54.00	8.87	Average

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

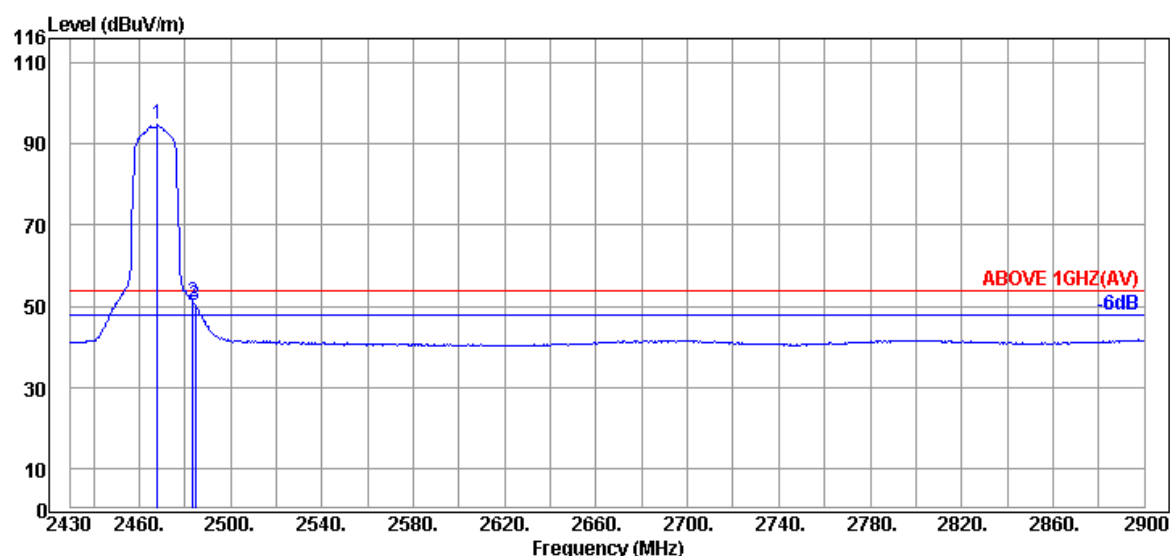
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2469.48	32.62	8.57	63.42	104.61	---	---	Peak
2483.58	32.57	8.58	25.41	66.56	74.00	7.44	Peak
2484.52	32.56	8.58	24.94	66.08	74.00	7.92	Peak



Antenna at Horizontal Polarization

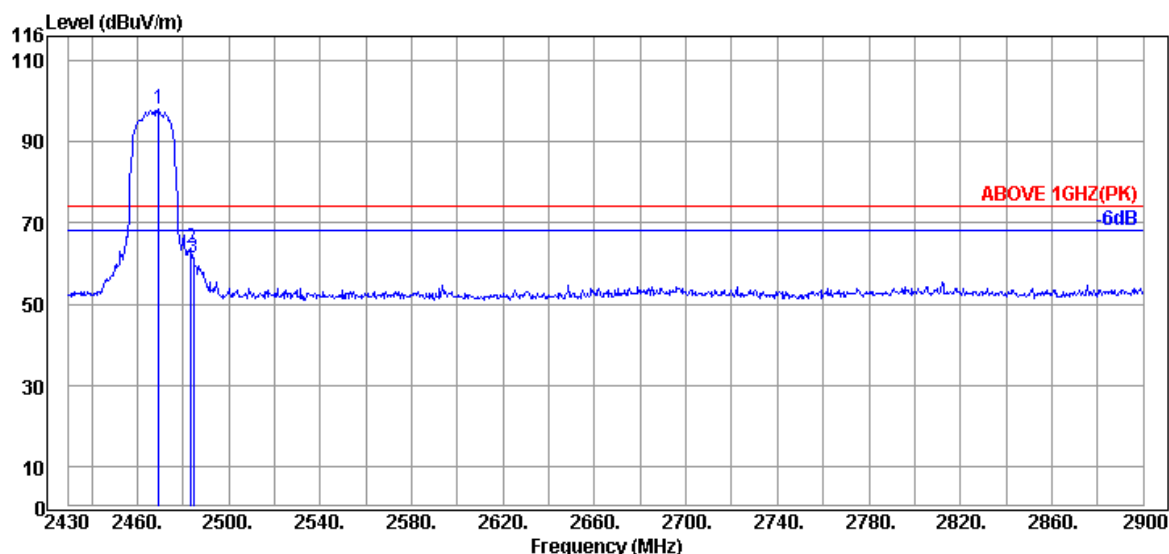
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2468.07	32.63	8.57	53.53	94.73	---	---	Average
2483.58	32.57	8.58	9.99	51.14	54.00	2.86	Average
2484.52	32.56	8.58	9.11	50.25	54.00	3.75	Average

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

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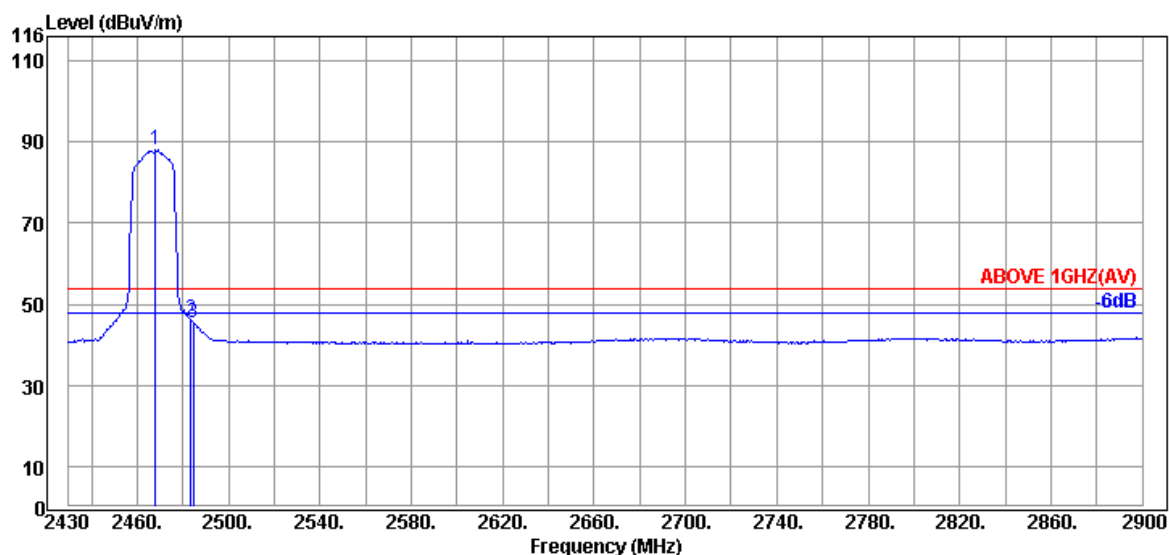
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Mode	802.11n-HT20	Frequency	TX 2467MHz
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Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2469.48	32.62	8.57	56.96	98.15	---	---	Peak
2483.58	32.57	8.58	22.56	63.71	74.00	10.29	Peak
2484.52	32.56	8.58	20.43	61.57	74.00	12.43	Peak



Antenna at Vertical Polarization

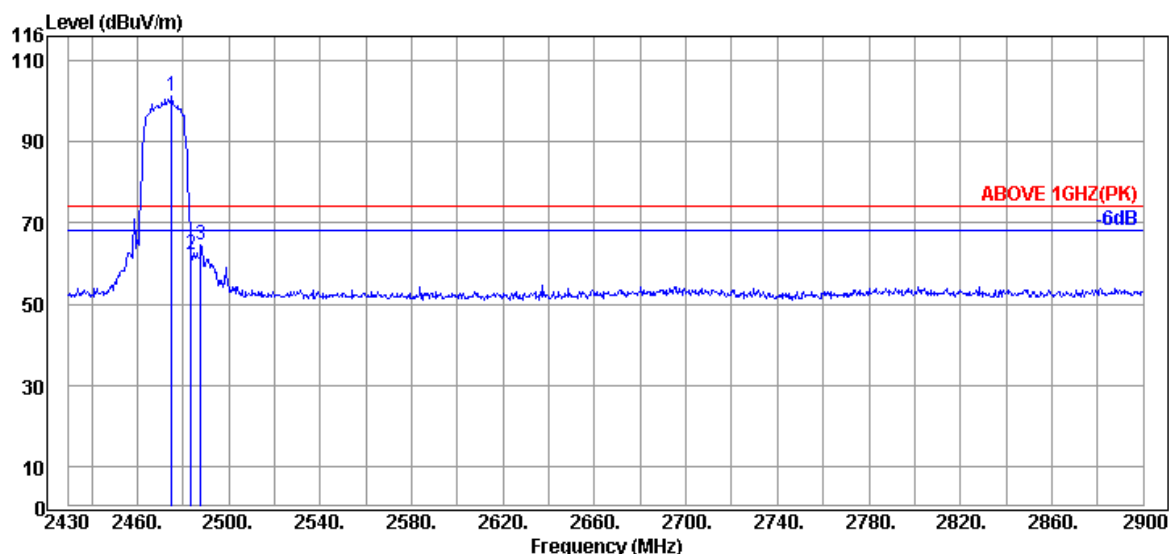
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2468.07	32.63	8.57	46.82	88.02	---	---	Average
2483.58	32.57	8.58	5.03	46.18	54.00	7.82	Average
2484.52	32.56	8.58	4.17	45.31	54.00	8.69	Average

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

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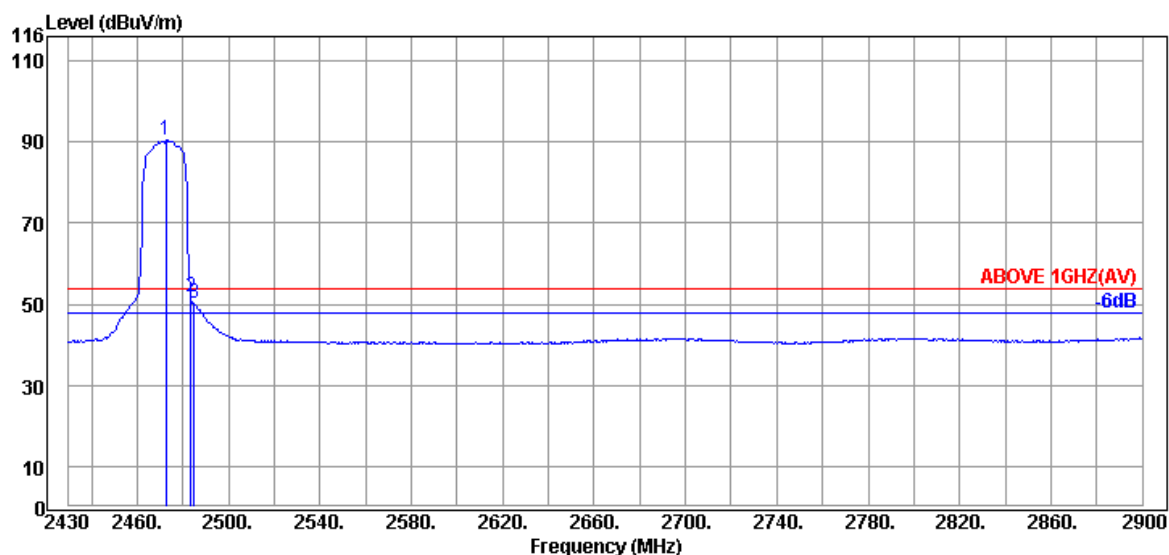
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Mode	802.11n-HT20	Frequency	TX 2472MHz
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Antenna at Horizontal Polarization

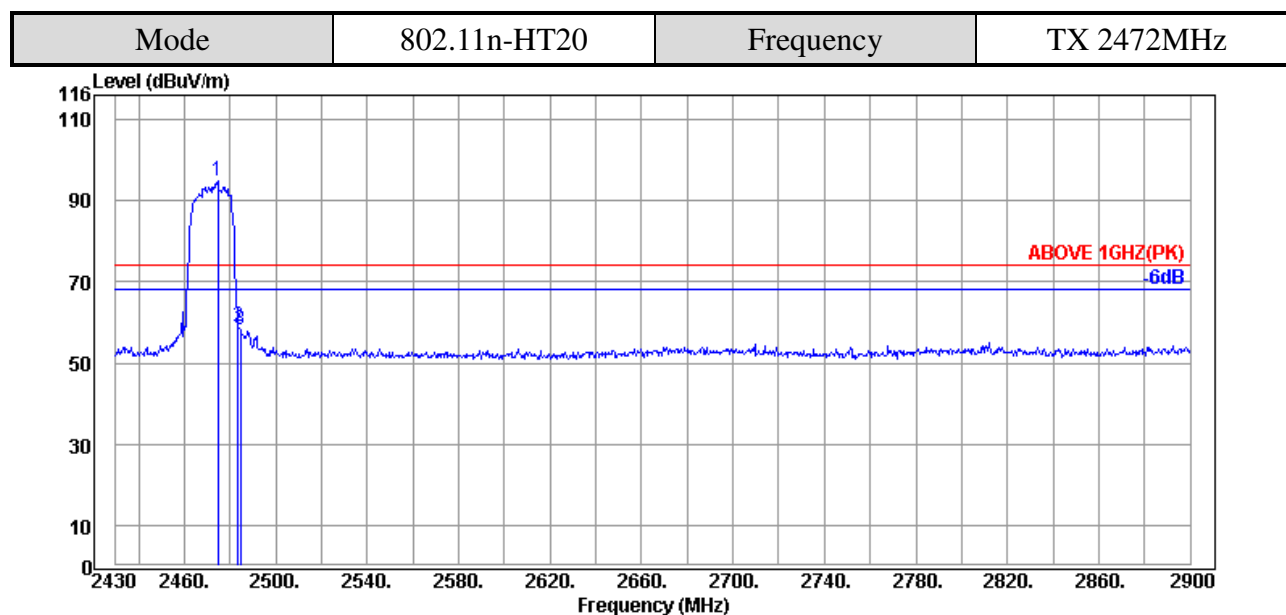
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2475.12	32.60	8.58	59.99	101.17	---	---	Peak
2483.58	32.57	8.58	21.18	62.33	74.00	11.67	Peak
2487.81	32.55	8.59	23.43	64.57	74.00	9.43	Peak



Antenna at Horizontal Polarization

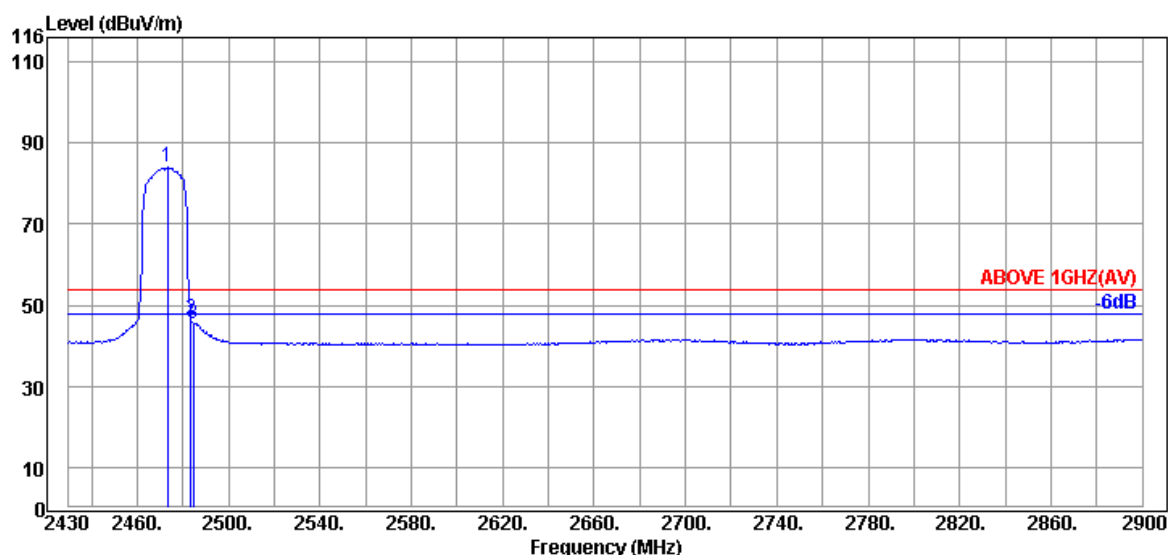
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2472.77	32.61	8.58	49.42	90.61	---	---	Average
2483.58	32.57	8.58	10.54	51.69	54.00	2.31	Average
2484.99	32.56	8.58	8.94	50.08	54.00	3.92	Average

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



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2474.65	32.60	8.58	53.76	94.94	---	---	Peak
2483.58	32.57	8.58	17.87	59.02	74.00	14.98	Peak
2484.52	32.56	8.58	16.95	58.09	74.00	15.91	Peak

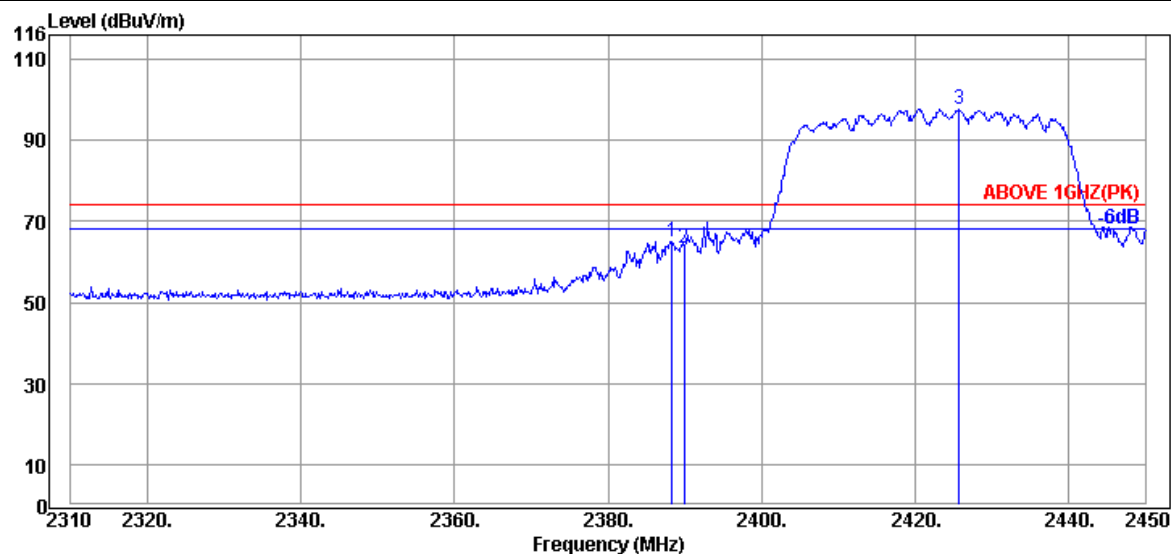


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2473.24	32.61	8.58	42.93	84.12	---	---	Average
2483.58	32.57	8.58	5.43	46.58	54.00	7.42	Average
2484.52	32.56	8.58	4.37	45.51	54.00	8.49	Average

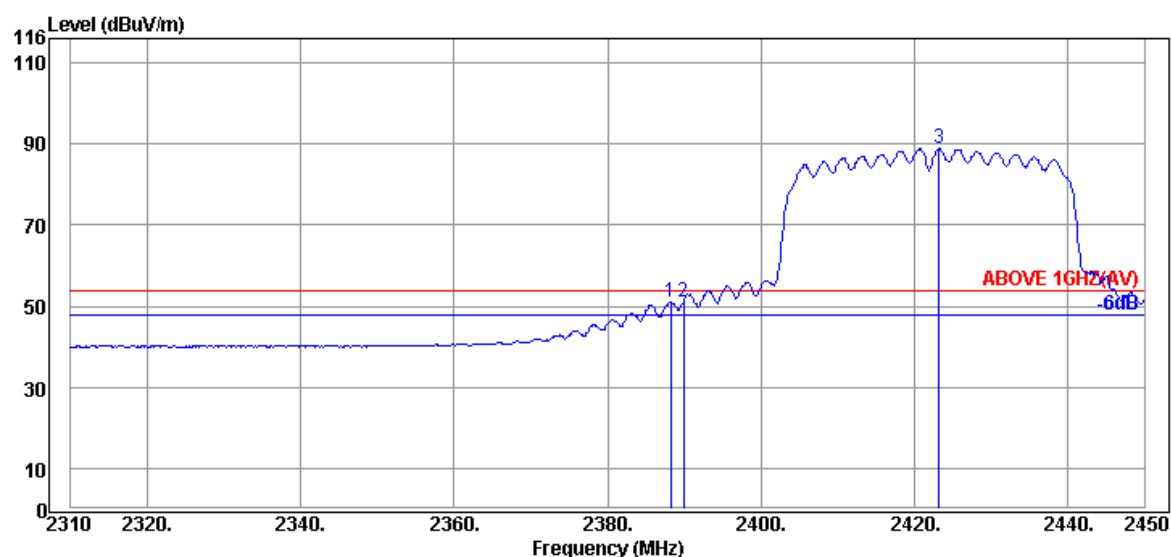
Remark: The “@” means fundamental frequency, it is ignored in this section.

Mode	802.11n-HT40	Frequency	TX 2422MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2388.40	32.00	8.52	24.34	64.86	74.00	9.14	Peak
2389.94	32.00	8.52	23.04	63.56	74.00	10.44	Peak
@ 2425.78	32.36	8.54	56.79	97.69	---	---	Peak



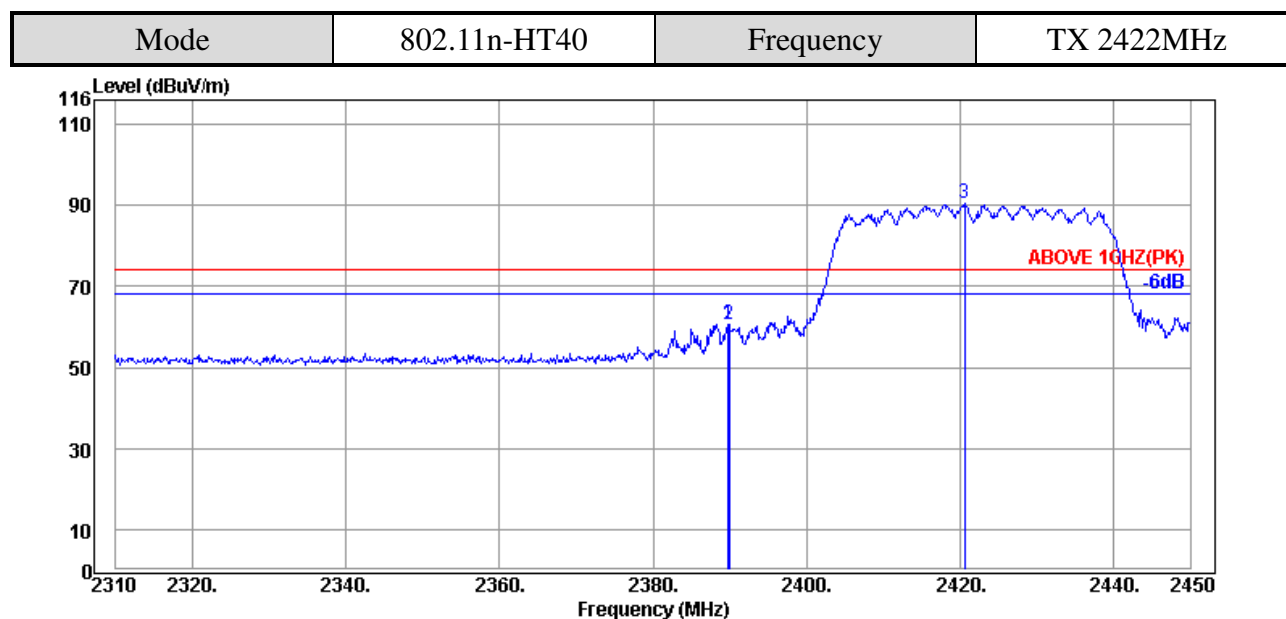
Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2388.26	32.00	8.52	10.38	50.90	54.00	3.10	Average
2389.94	32.00	8.52	10.59	51.11	54.00	2.89	Average
@ 2423.26	32.33	8.54	48.09	88.96	---	---	Average

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

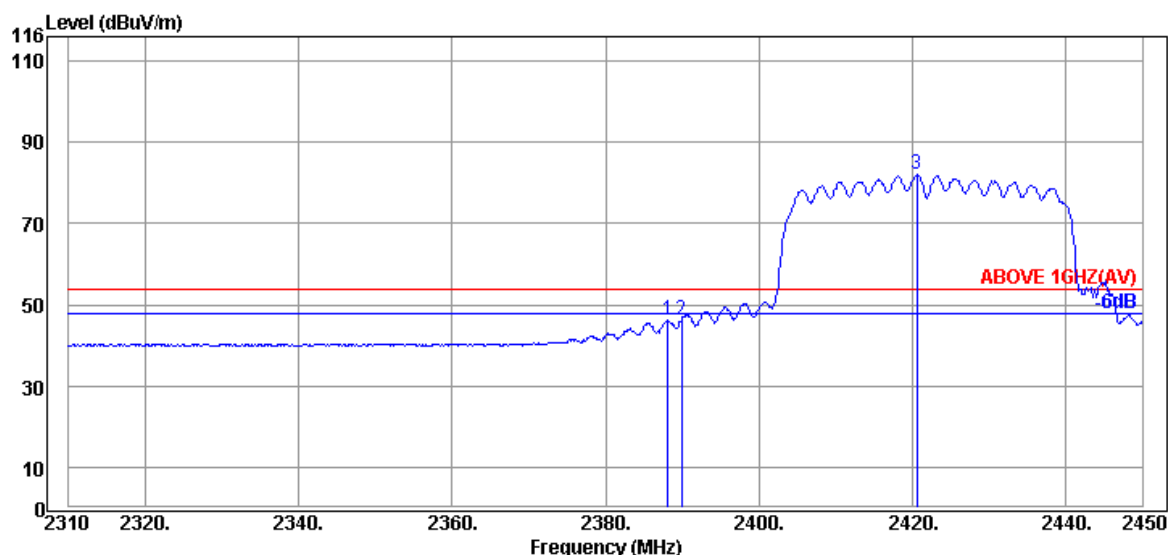
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Antenna at Vertical Polarization

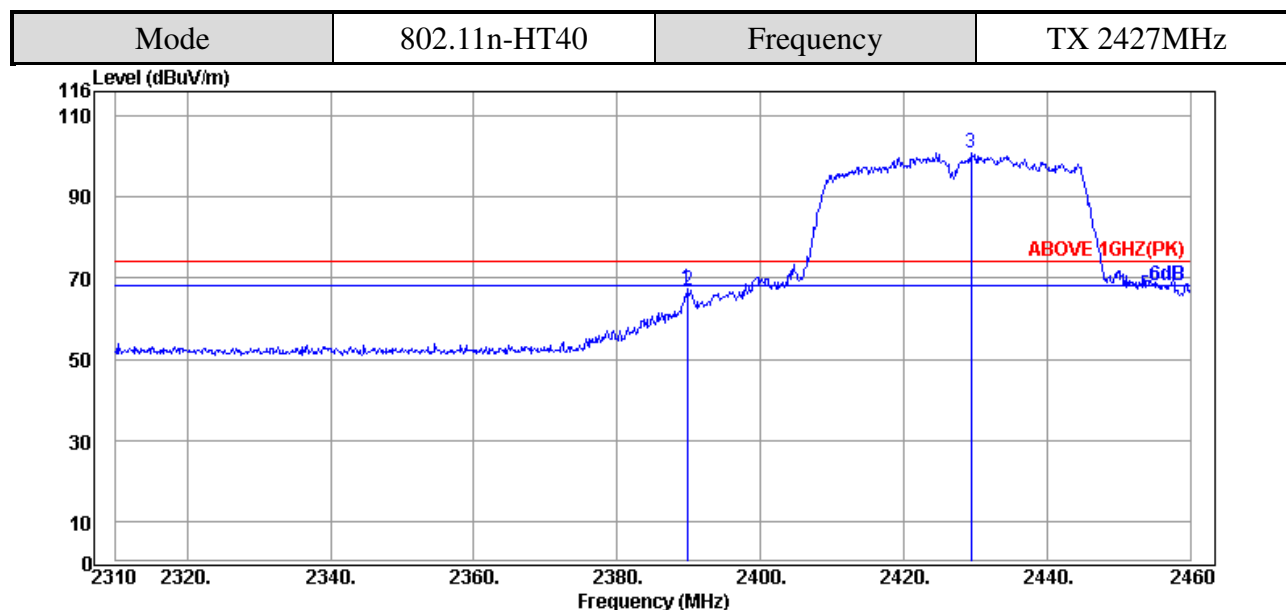
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2389.80	32.00	8.52	19.95	60.47	74.00	13.53	Peak
2389.94	32.00	8.52	19.91	60.43	74.00	13.57	Peak
@ 2420.60	32.29	8.54	49.47	90.30	---	---	Peak



Antenna at Vertical Polarization

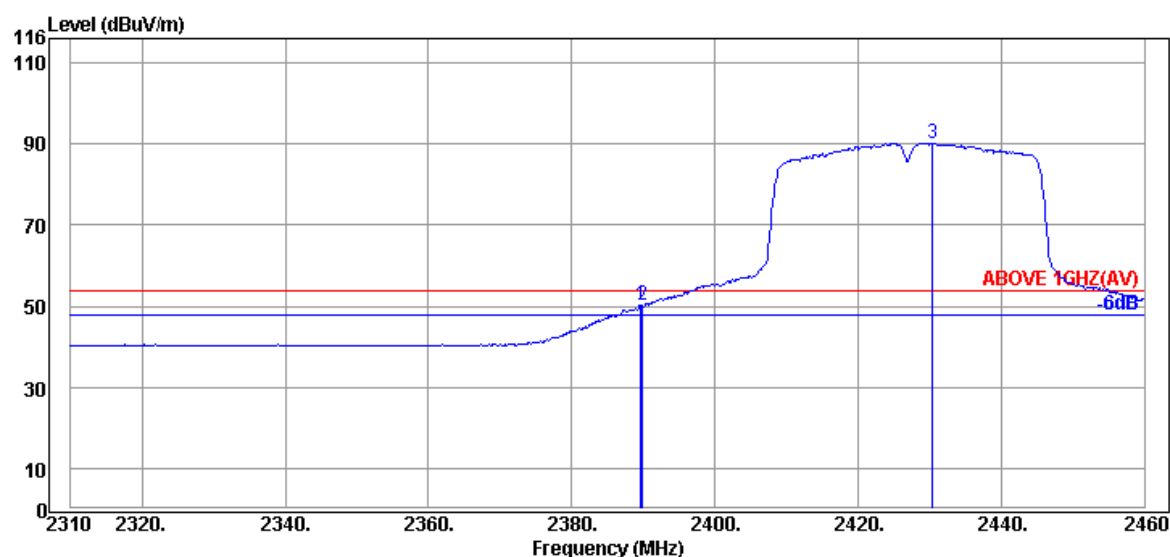
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2388.12	32.00	8.52	5.57	46.09	54.00	7.91	Average
2389.94	32.00	8.52	5.79	46.31	54.00	7.69	Average
@ 2420.60	32.29	8.54	41.12	81.95	---	---	Average

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



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2389.80	32.00	8.52	26.97	67.49	74.00	6.51	Peak
2389.95	32.00	8.52	26.29	66.81	74.00	7.19	Peak
@ 2429.40	32.41	8.54	60.02	100.97	---	---	Peak



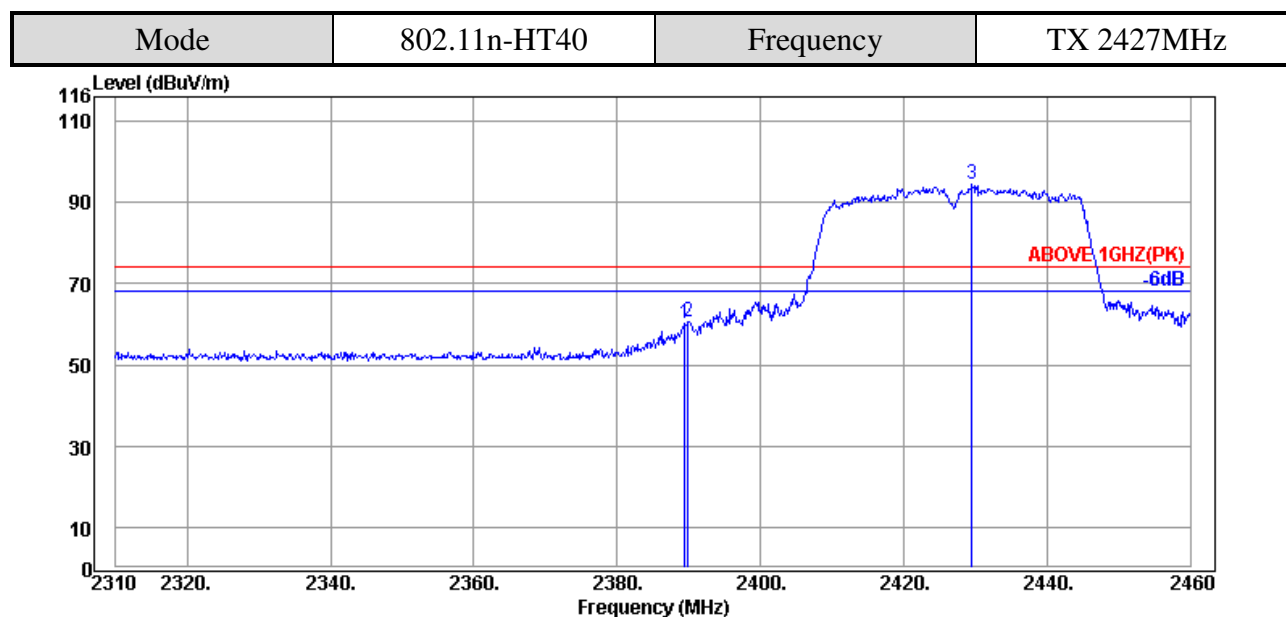
Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2389.65	32.00	8.52	9.72	50.24	54.00	3.76	Average
2389.95	32.00	8.52	9.55	50.07	54.00	3.93	Average
@ 2430.45	32.43	8.54	49.24	90.21	---	---	Average

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

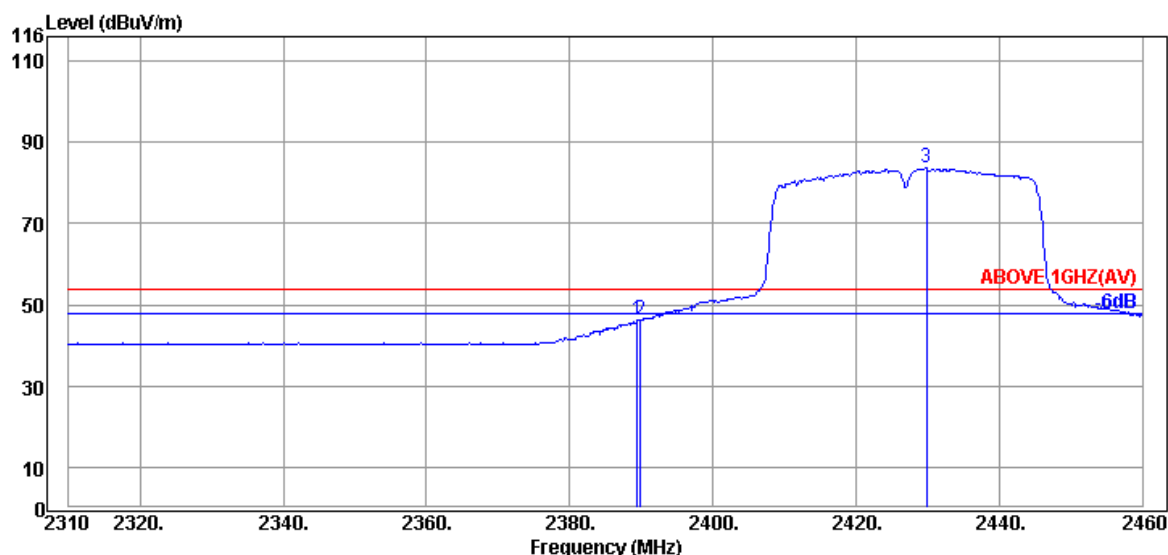
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Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2389.50	32.00	8.52	19.83	60.35	74.00	13.65	Peak
2389.95	32.00	8.52	20.25	60.77	74.00	13.23	Peak
@ 2429.55	32.41	8.54	53.46	94.41	---	---	Peak



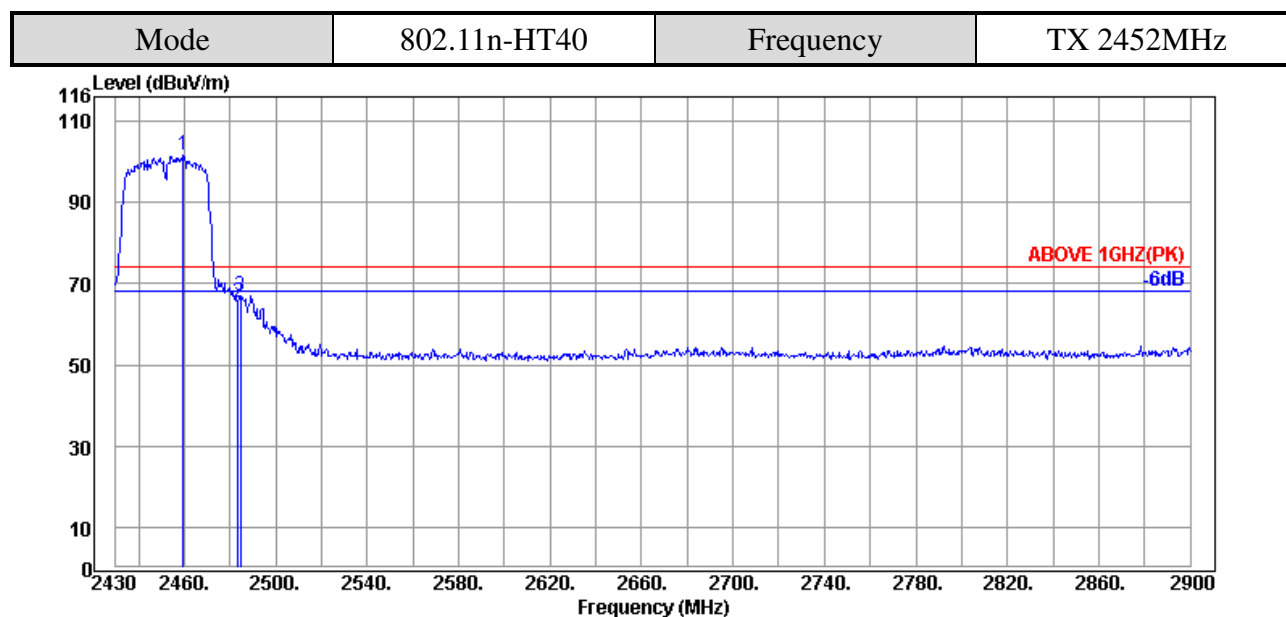
Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2389.50	32.00	8.52	5.62	46.14	54.00	7.86	Average
2389.95	32.00	8.52	5.56	46.08	54.00	7.92	Average
@ 2429.85	32.42	8.54	42.64	83.60	---	---	Average

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

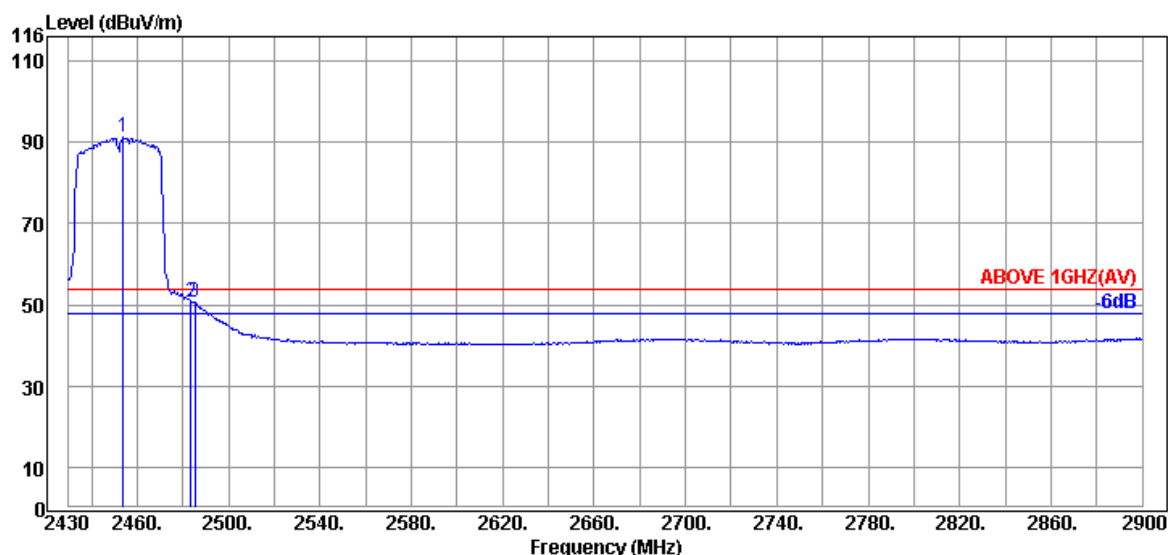
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2459.61	32.66	8.57	60.33	101.56	---	---	Peak
2483.58	32.57	8.58	24.27	65.42	74.00	8.58	Peak
2484.52	32.56	8.58	26.00	67.14	74.00	6.86	Peak



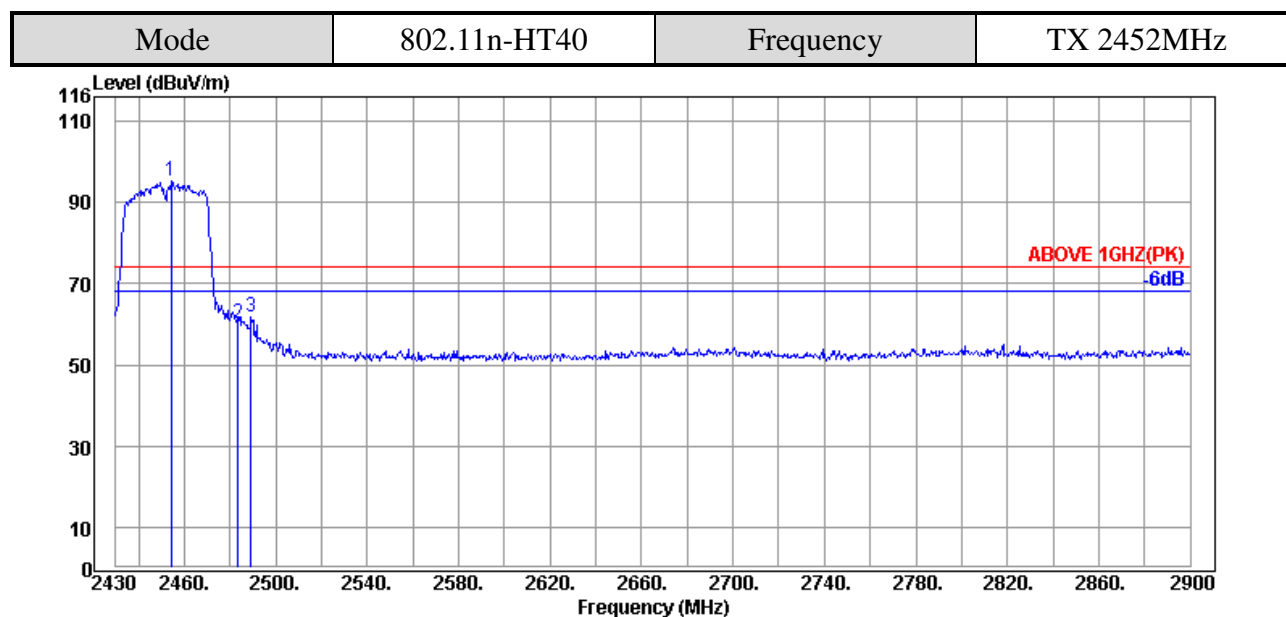
Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2453.97	32.68	8.57	50.07	91.32	---	---	Average
2483.58	32.57	8.58	9.56	50.71	54.00	3.29	Average
2485.46	32.56	8.58	9.42	50.56	54.00	3.44	Average

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

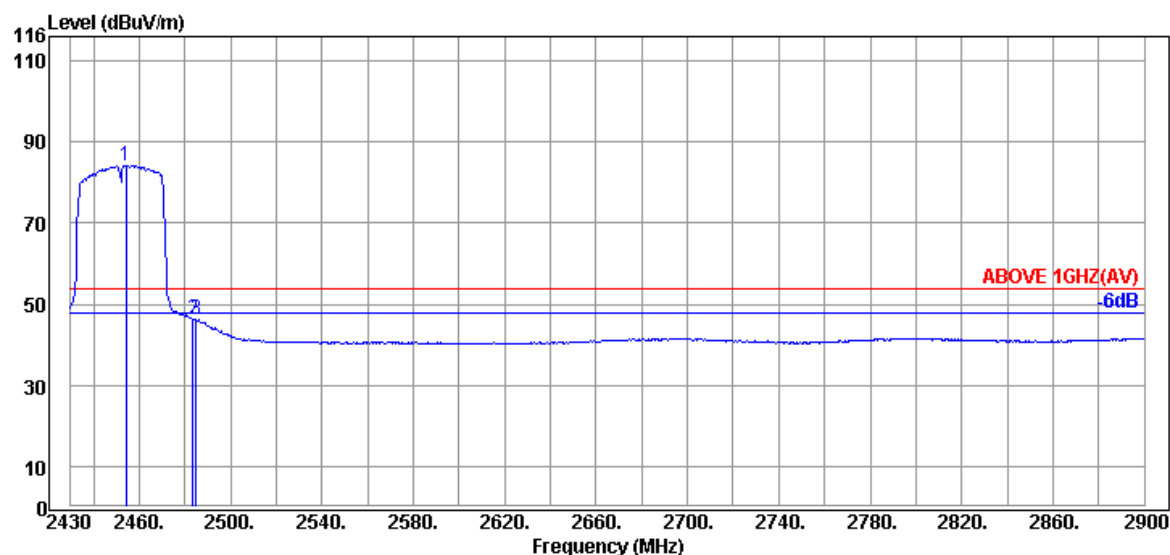
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Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2454.44	32.68	8.57	53.83	95.08	---	---	Peak
2483.58	32.57	8.58	19.02	60.17	74.00	13.83	Peak
2489.22	32.54	8.59	20.79	61.92	74.00	12.08	Peak



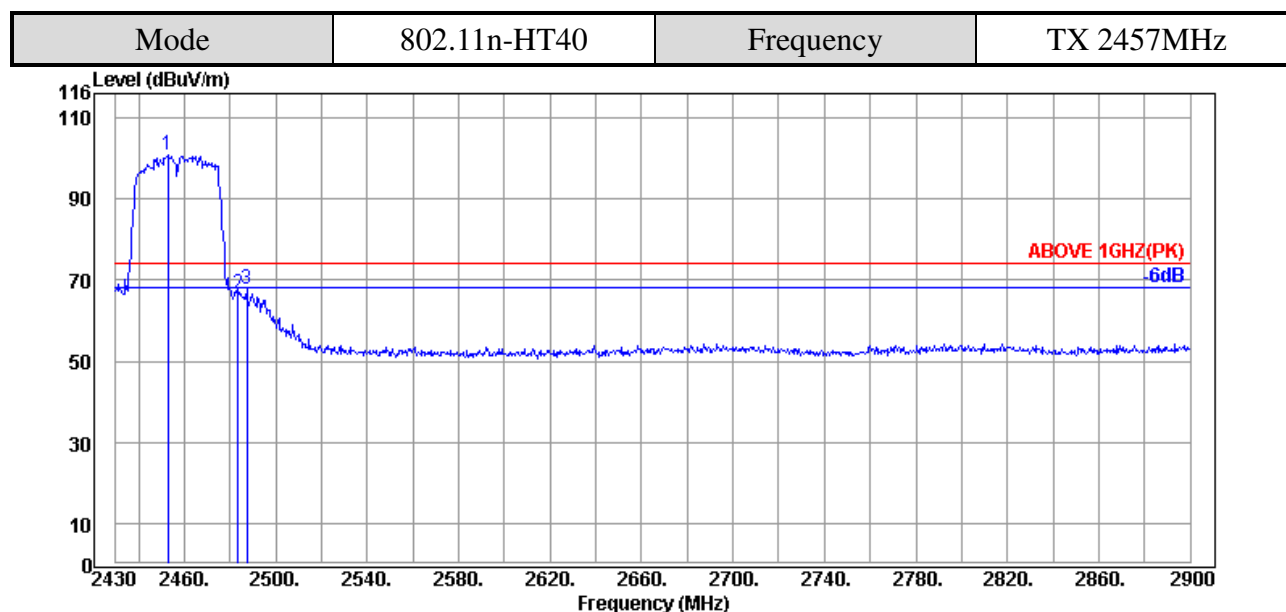
Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2454.44	32.68	8.57	43.06	84.31	---	---	Average
2483.58	32.57	8.58	5.06	46.21	54.00	7.79	Average
2484.99	32.56	8.58	5.21	46.35	54.00	7.65	Average

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

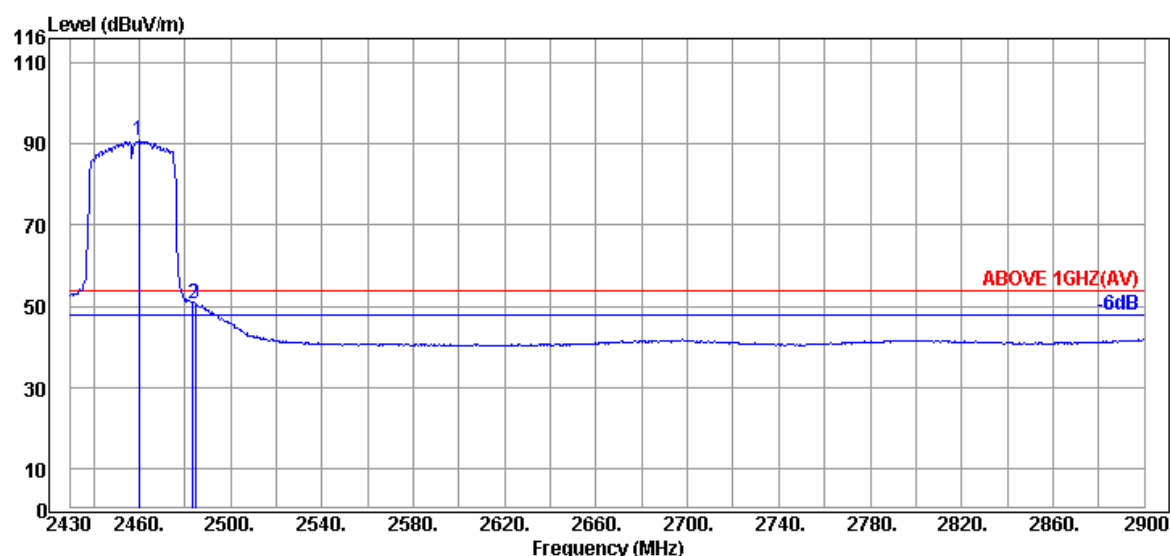
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2453.03	32.69	8.55	59.42	100.66	---	---	Peak
2483.58	32.57	8.58	25.38	66.53	74.00	7.47	Peak
2487.34	32.55	8.58	26.77	67.90	74.00	6.10	Peak



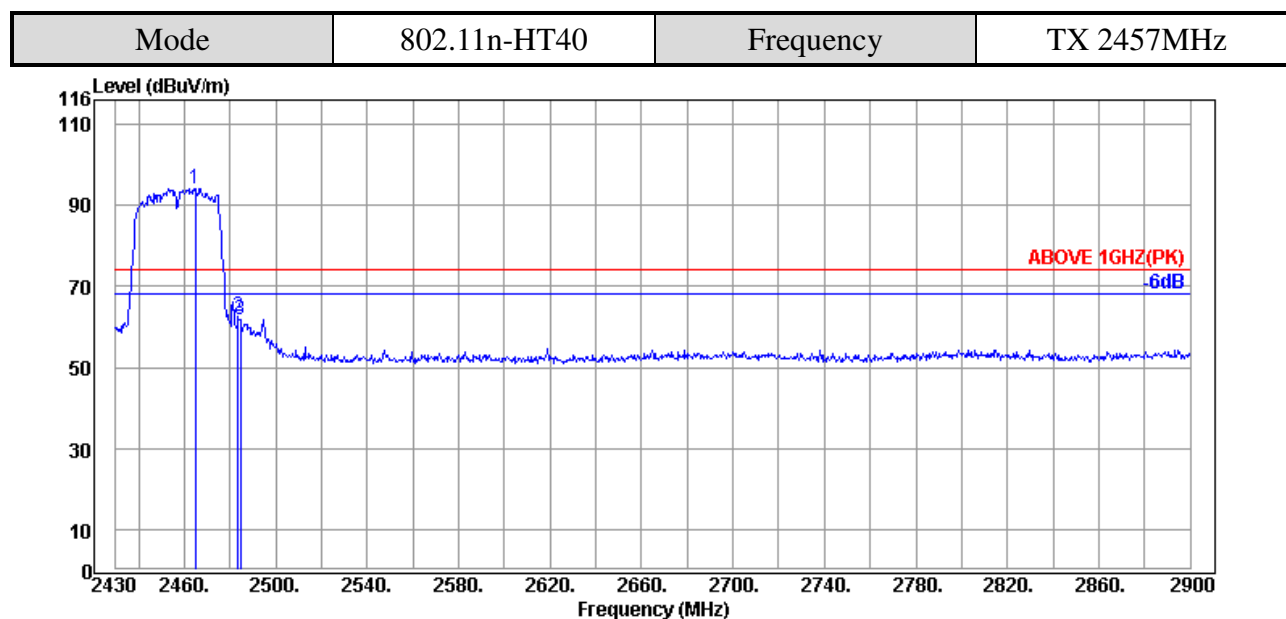
Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2460.08	32.66	8.57	49.56	90.79	---	---	Average
2483.58	32.57	8.58	9.53	50.68	54.00	3.32	Average
2484.52	32.56	8.58	9.39	50.53	54.00	3.47	Average

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

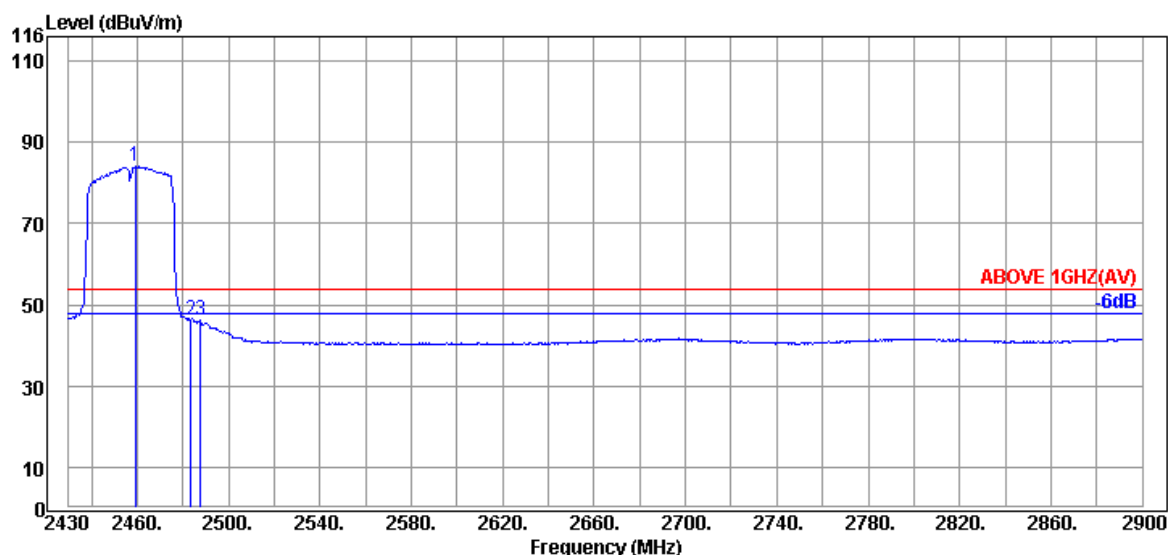
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Antenna at Vertical Polarization

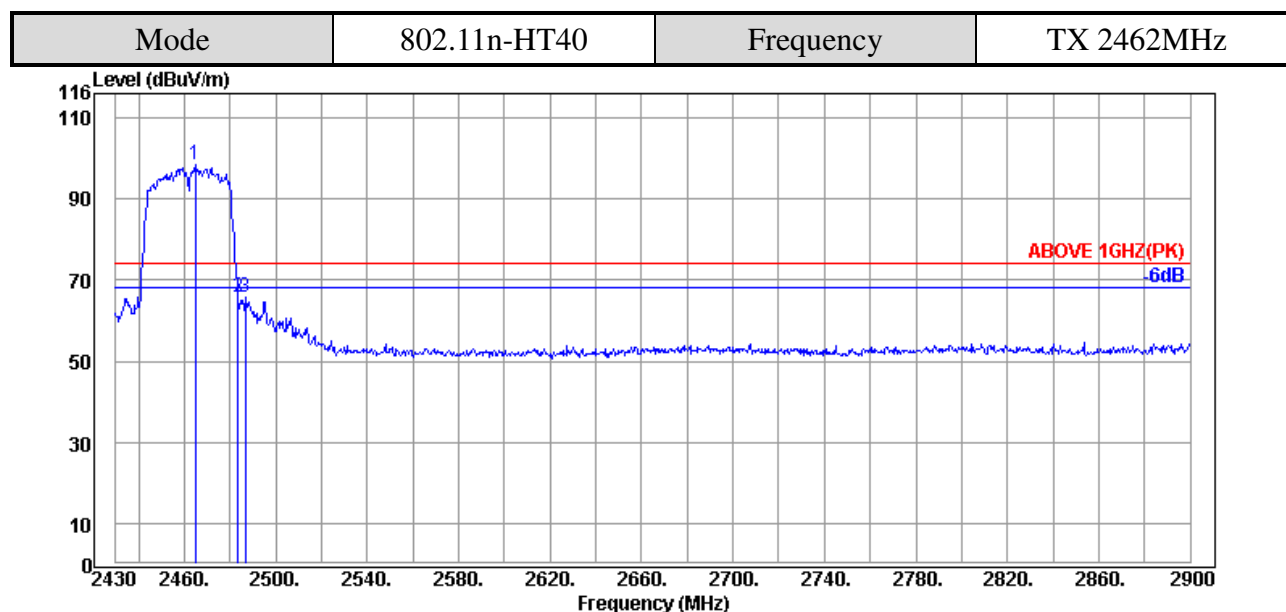
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2464.78	32.64	8.57	53.03	94.24	---	---	Peak
2483.58	32.57	8.58	21.61	62.76	74.00	11.24	Peak
2484.52	32.56	8.58	20.83	61.97	74.00	12.03	Peak



Antenna at Vertical Polarization

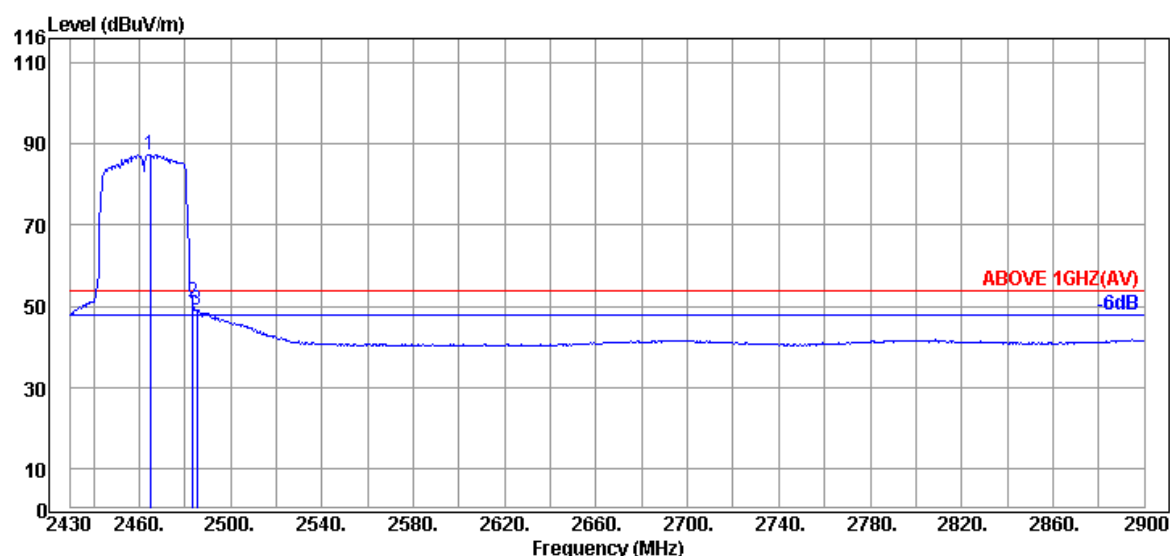
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@ 2459.14	32.66	8.57	42.85	84.08	---	---	Average
2483.58	32.57	8.58	5.15	46.30	54.00	7.70	Average
2487.81	32.55	8.59	5.09	46.23	54.00	7.77	Average

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



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2464.78	32.64	8.57	57.08	98.29	---	---	Peak
2483.58	32.57	8.58	24.53	65.68	74.00	8.32	Peak
2486.87	32.55	8.58	24.71	65.84	74.00	8.16	Peak



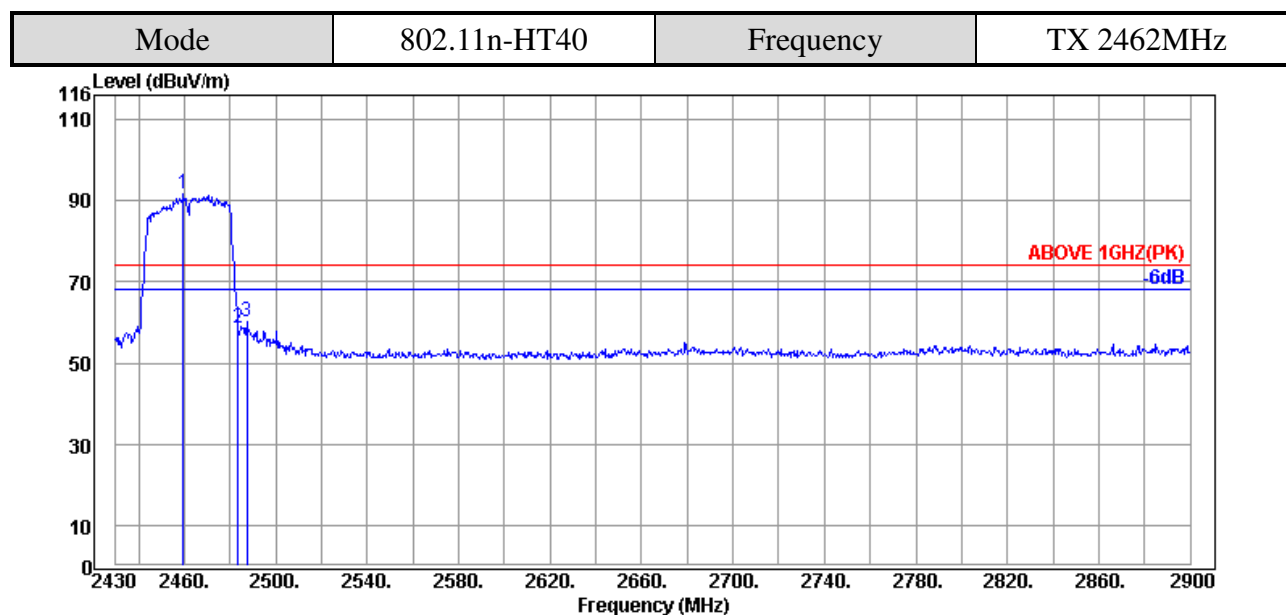
Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2464.78	32.64	8.57	46.28	87.49	---	---	Average
2483.58	32.57	8.58	9.92	51.07	54.00	2.93	Average
2485.46	32.56	8.58	7.94	49.08	54.00	4.92	Average

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

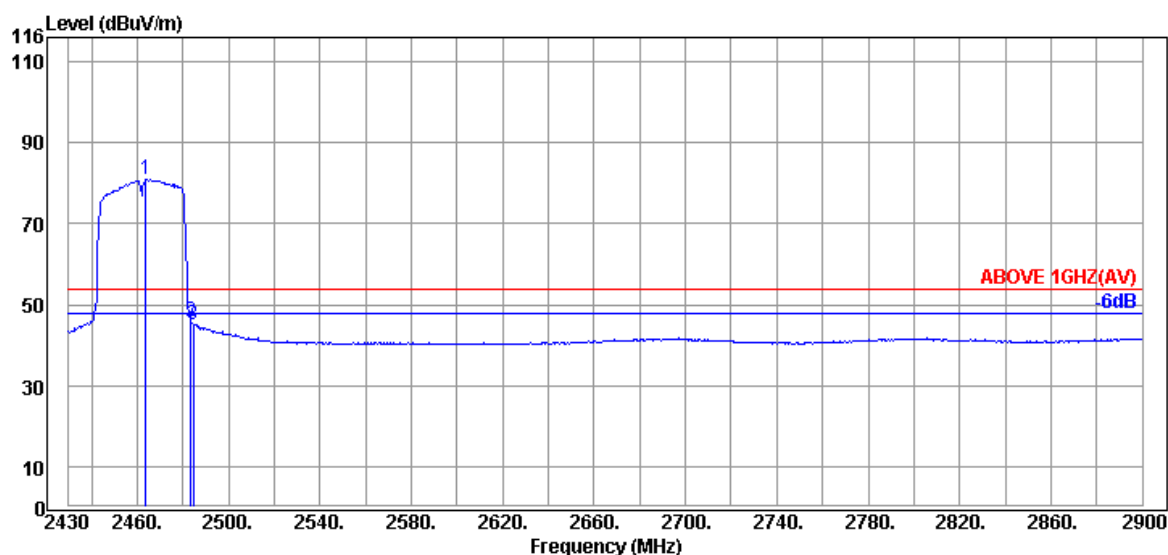
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Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2459.61	32.66	8.57	50.30	91.53	---	---	Peak
2483.58	32.57	8.58	17.27	58.42	74.00	15.58	Peak
2487.34	32.55	8.58	18.86	59.99	74.00	14.01	Peak



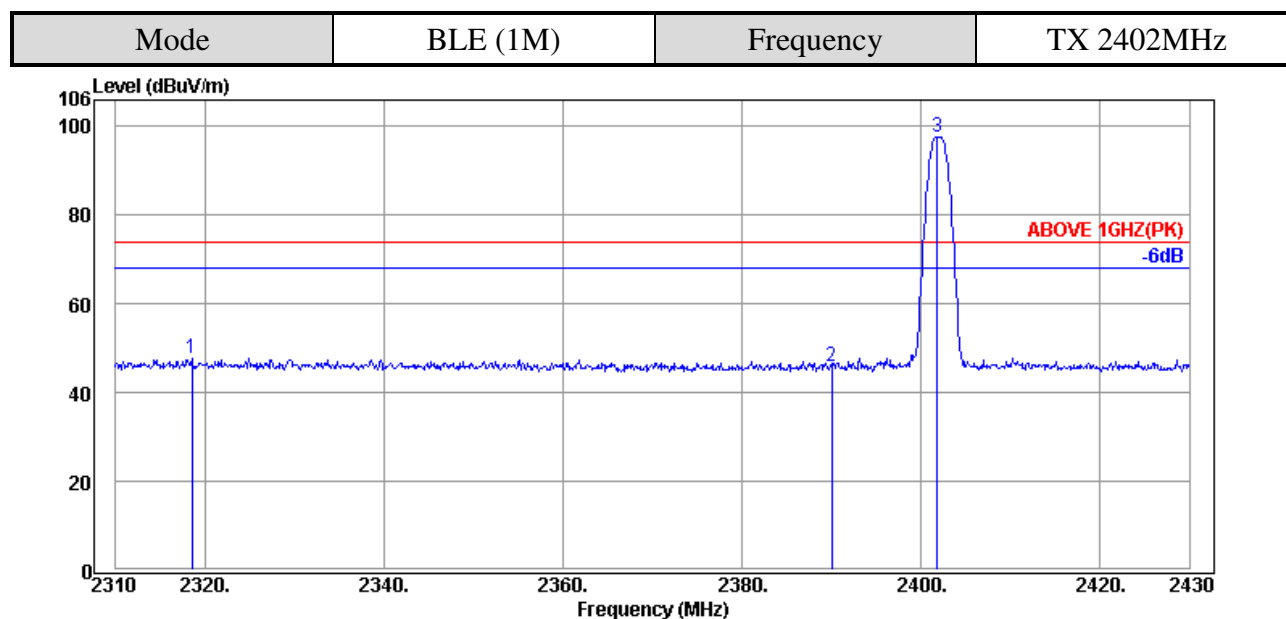
Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2463.84	32.64	8.57	39.75	80.96	---	---	Average
2483.58	32.57	8.58	4.69	45.84	54.00	8.16	Average
2484.52	32.56	8.58	3.87	45.01	54.00	8.99	Average

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

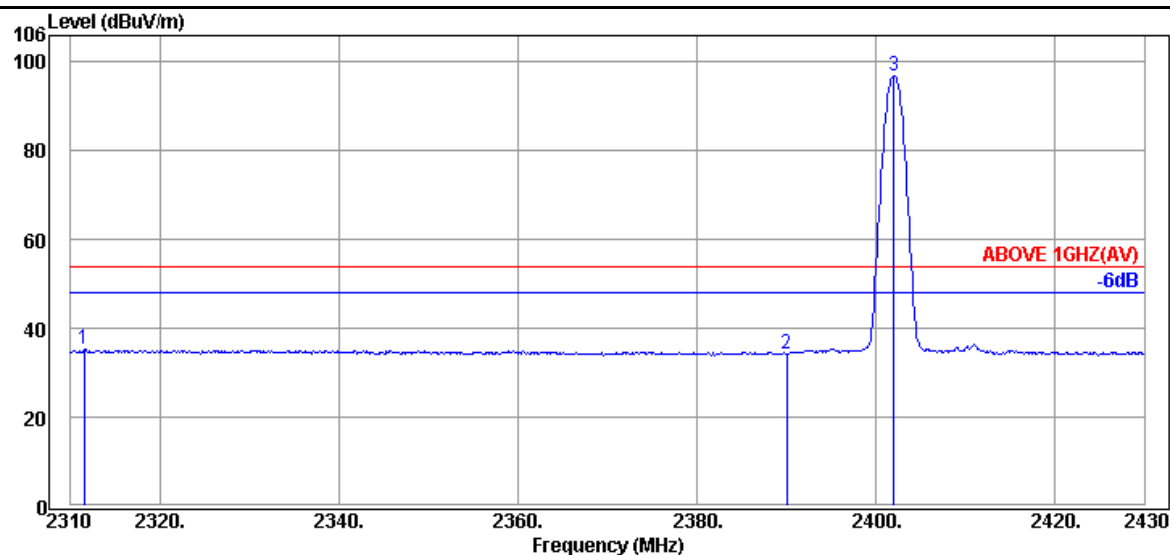
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2318.52	32.00	8.47	7.35	47.82	74.00	26.18	Peak
2390.04	32.00	8.52	5.40	45.92	74.00	28.08	Peak
@ 2401.80	32.03	8.52	57.07	97.62	---	---	Peak



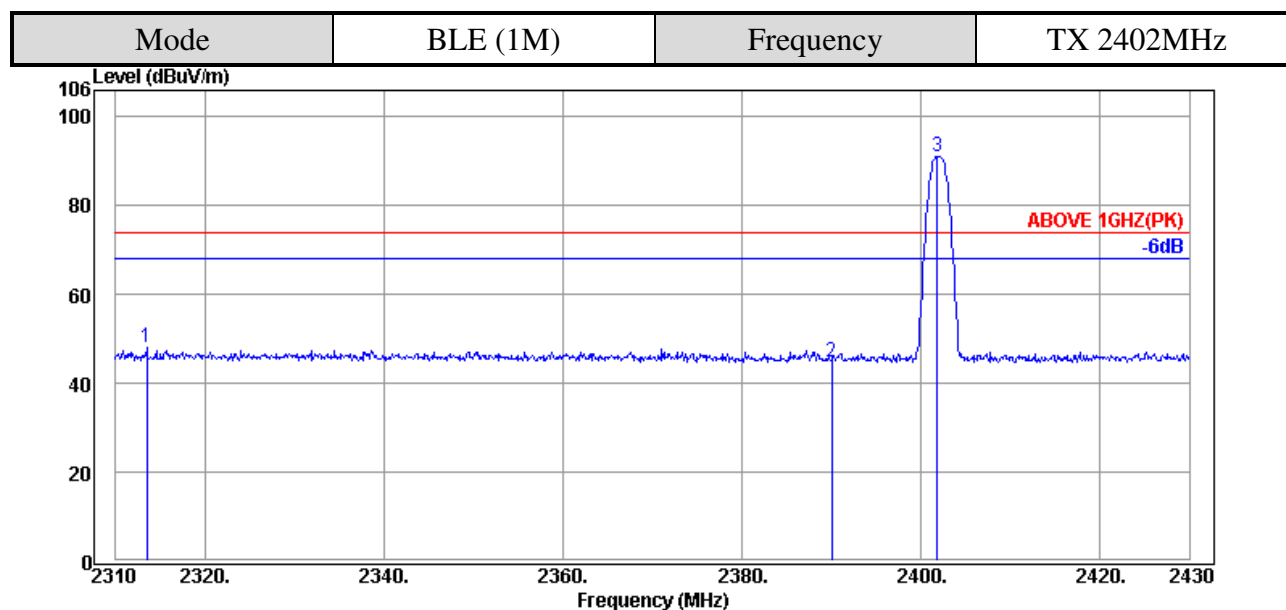
Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2311.56	32.00	8.46	-5.18	35.28	54.00	18.72	Average
2390.04	32.00	8.52	-6.37	34.15	54.00	19.85	Average
@ 2402.04	32.03	8.52	56.39	96.94	---	---	Average

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

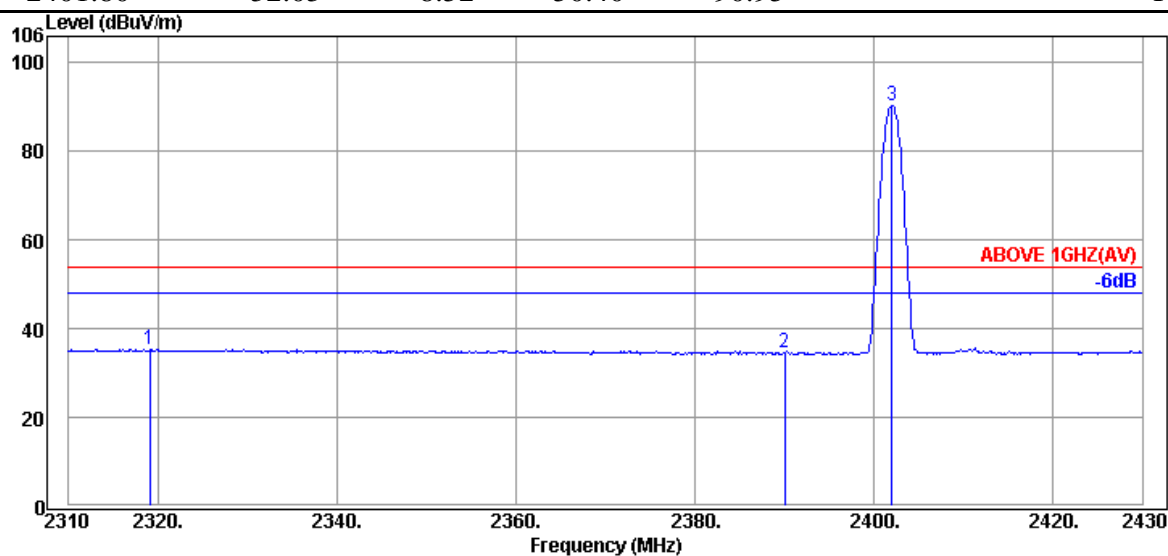
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Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2313.48	32.00	8.46	7.51	47.97	74.00	26.03	Peak
2390.04	32.00	8.52	4.26	44.78	74.00	29.22	Peak
@ 2401.80	32.03	8.52	50.40	90.95	---	---	Peak



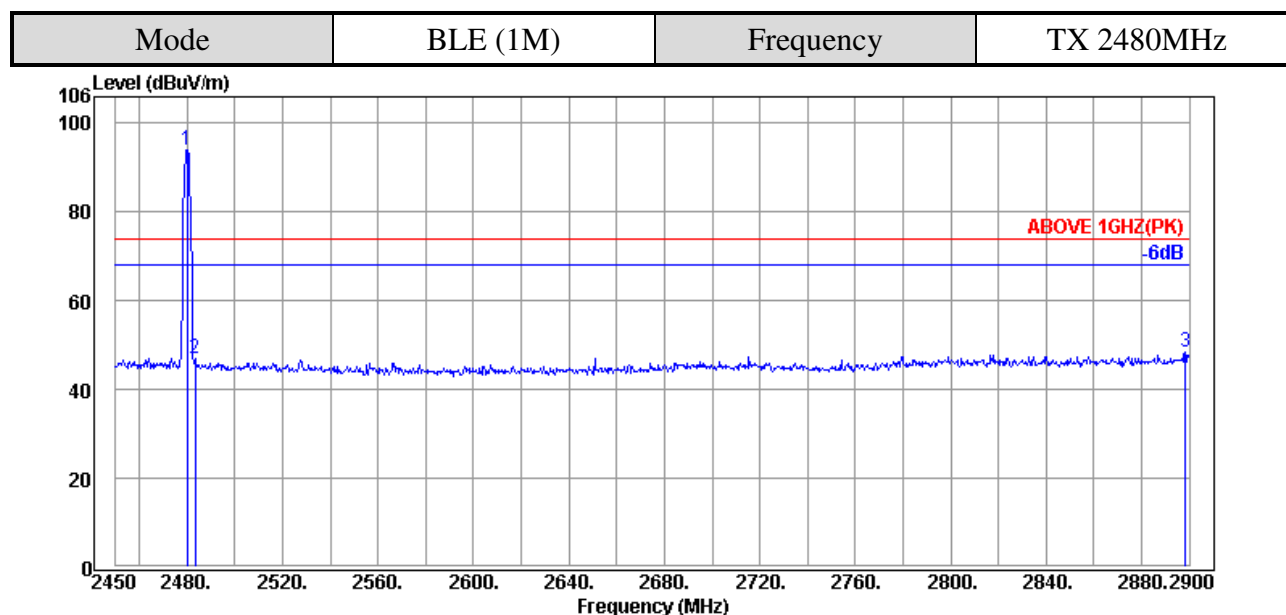
Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2319.12	32.00	8.47	-5.09	35.38	54.00	18.62	Average
2390.04	32.00	8.52	-5.85	34.67	54.00	19.33	Average
@ 2402.04	32.03	8.52	49.71	90.26	---	---	Average

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

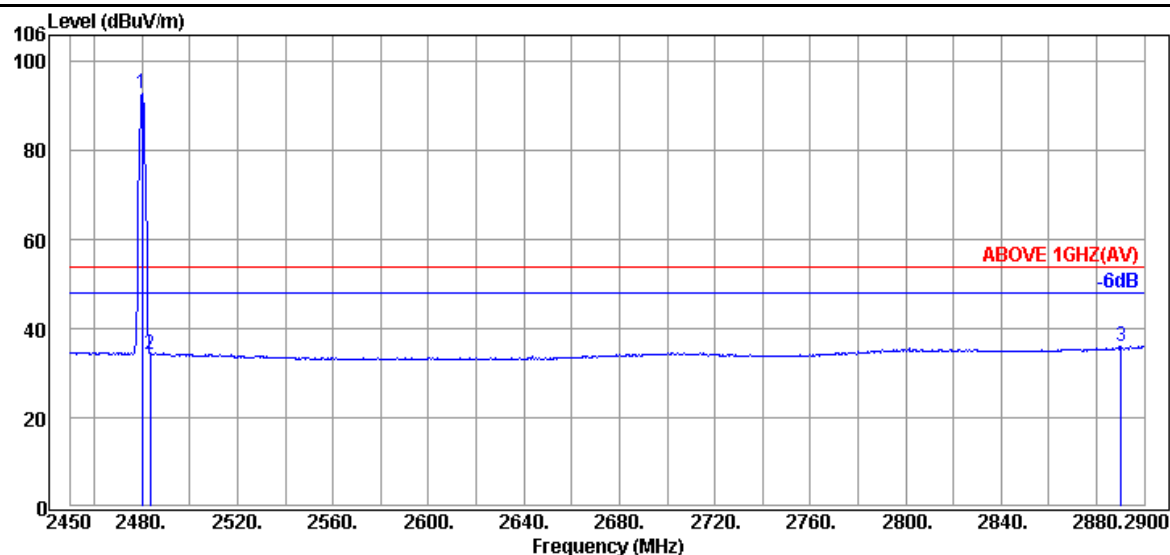
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Antenna at Horizontal Polarization

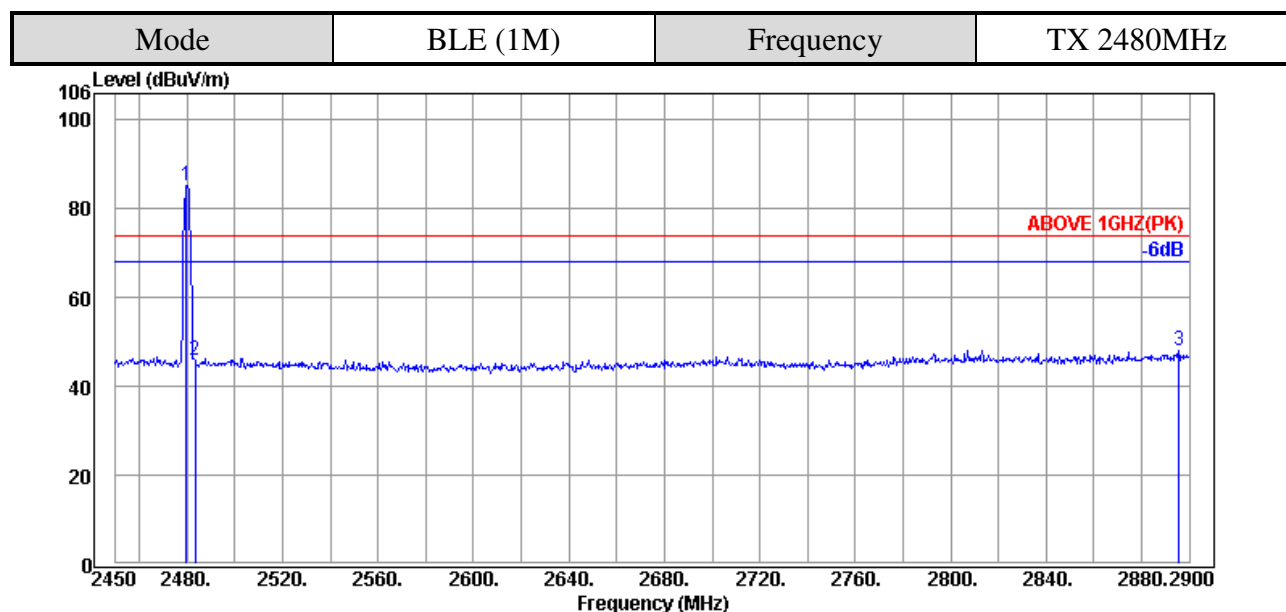
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@ 2480.15	32.58	8.58	52.72	93.88	---	---	Peak
2483.30	32.57	8.58	5.87	47.02	74.00	26.98	Peak
2898.20	32.99	8.69	6.67	48.35	74.00	25.65	Peak



Antenna at Horizontal Polarization

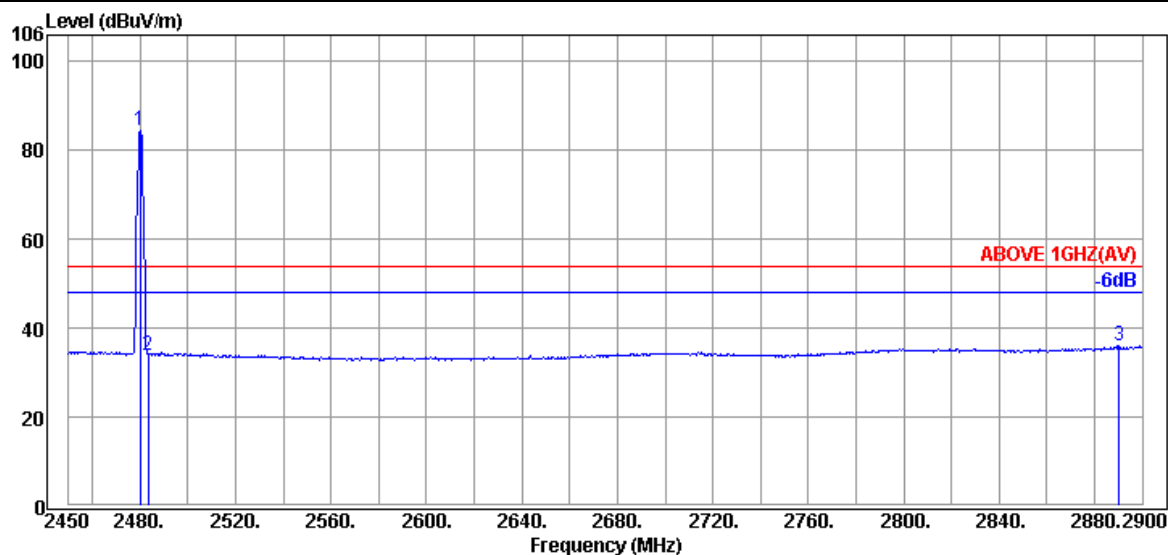
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2480.15	32.58	8.58	51.61	92.77	---	---	Average
2483.30	32.57	8.58	-6.75	34.40	54.00	19.60	Average
2890.10	32.94	8.68	-5.44	36.18	54.00	17.82	Average

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



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2479.70	32.58	8.58	44.21	85.37	---	---	Peak
2483.30	32.57	8.58	4.92	46.07	74.00	27.93	Peak
2895.50	32.97	8.69	6.52	48.18	74.00	25.82	Peak



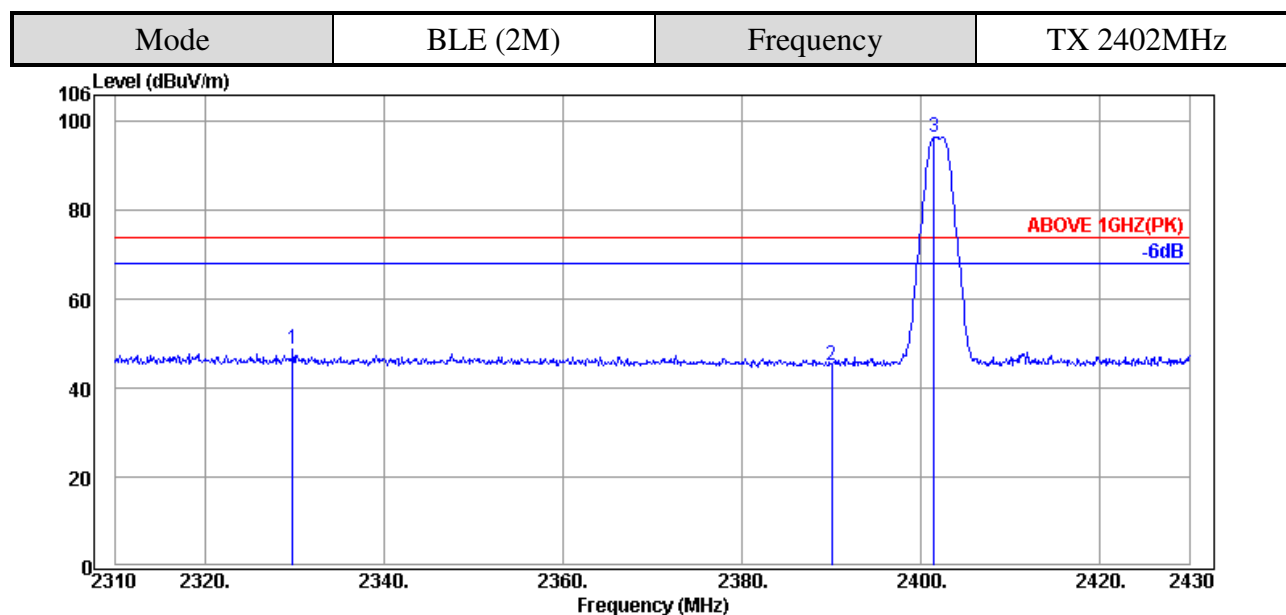
Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2480.15	32.58	8.58	43.17	84.33	---	---	Average
2483.30	32.57	8.58	-7.16	33.99	54.00	20.01	Average
2890.10	32.94	8.68	-5.44	36.18	54.00	17.82	Average

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

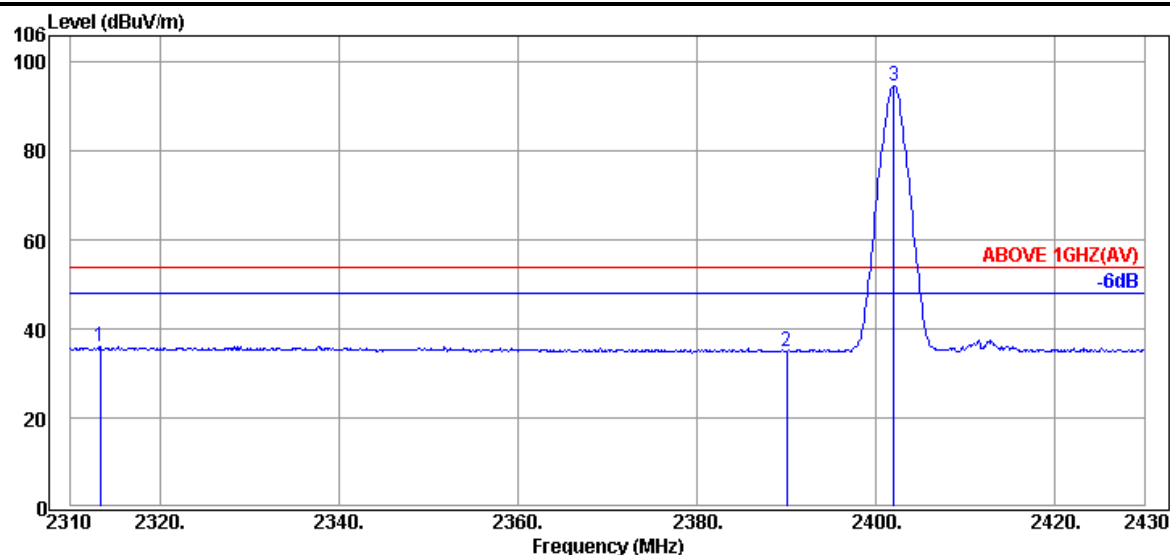
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2329.80	32.00	8.47	8.20	48.67	74.00	25.33	Peak
2390.04	32.00	8.52	4.63	45.15	74.00	28.85	Peak
@ 2401.44	32.02	8.52	56.01	96.55	---	---	Peak



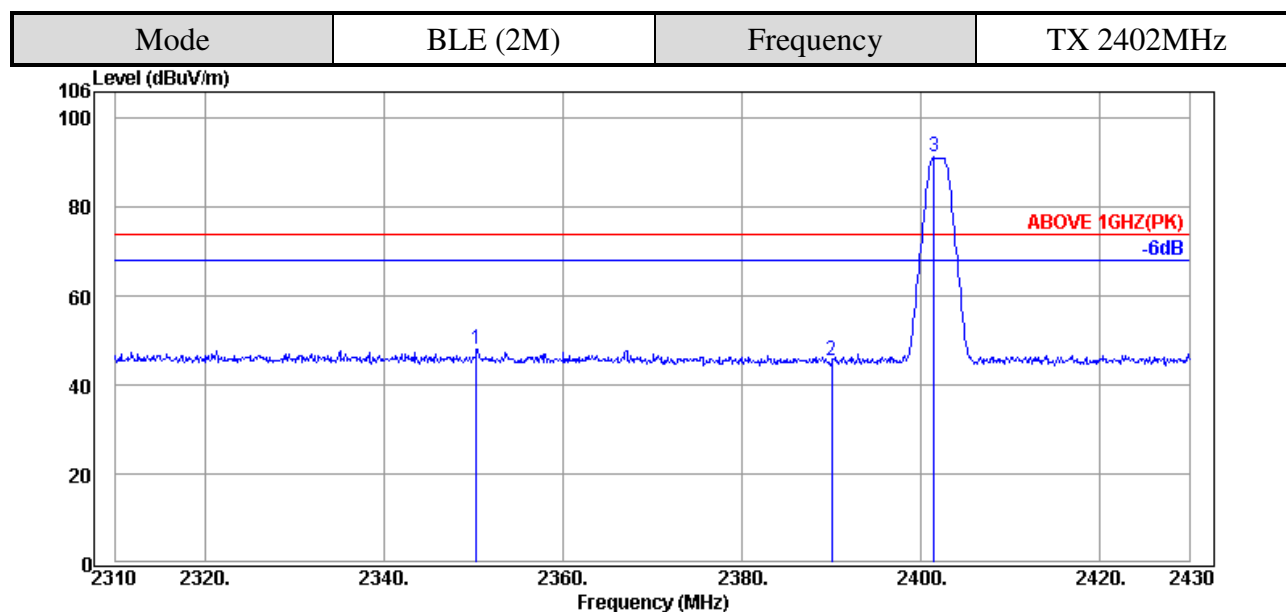
Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2313.36	32.00	8.46	-4.32	36.14	54.00	17.86	Average
2390.04	32.00	8.52	-5.53	34.99	54.00	19.01	Average
@ 2402.04	32.03	8.52	54.31	94.86	---	---	Average

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

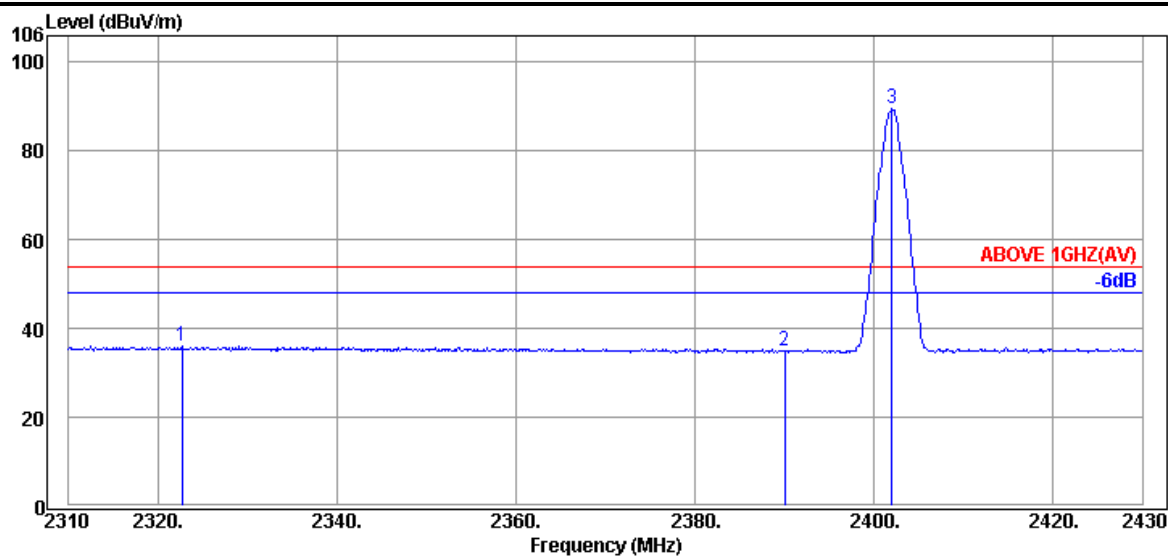
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Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2350.32	32.00	8.48	7.73	48.21	74.00	25.79	Peak
2390.04	32.00	8.52	5.04	45.56	74.00	28.44	Peak
@ 2401.44	32.02	8.52	50.78	91.32	---	---	Peak



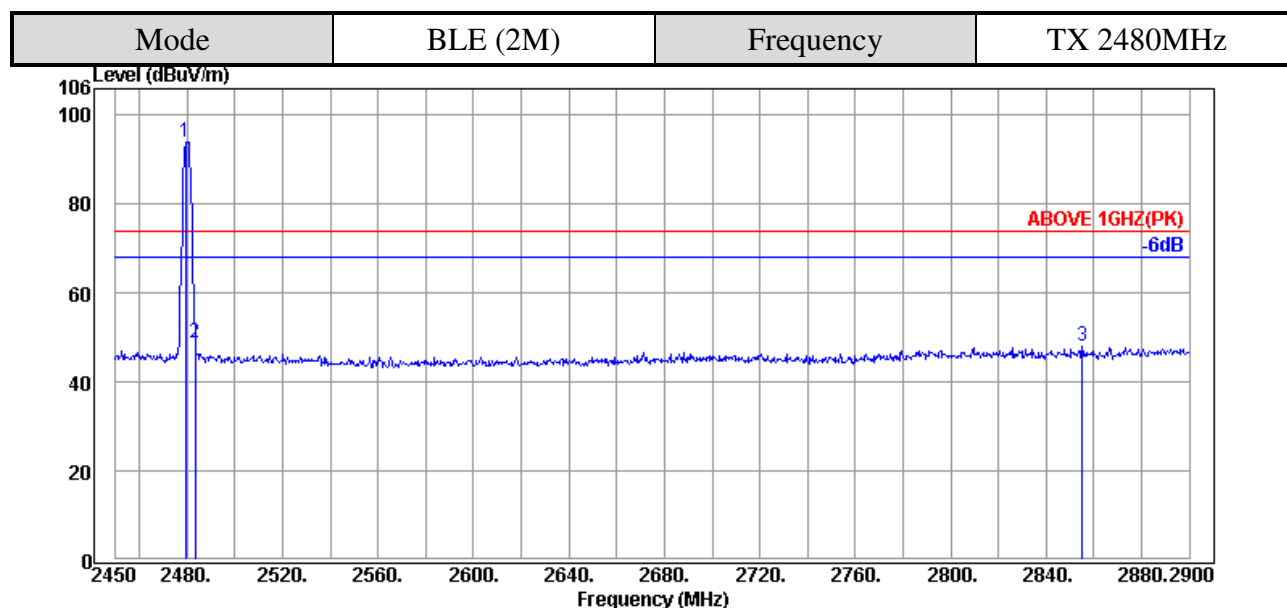
Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2322.72	32.00	8.47	-4.51	35.96	54.00	18.04	Average
2390.04	32.00	8.52	-5.59	34.93	54.00	19.07	Average
@ 2402.04	32.03	8.52	49.08	89.63	---	---	Average

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

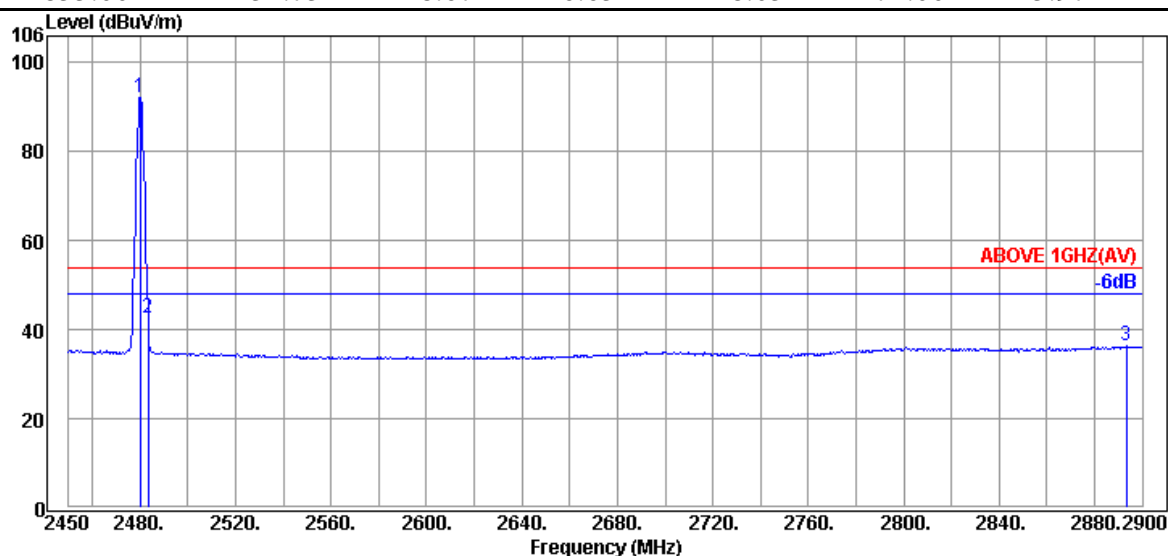
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2479.25	32.58	8.58	52.78	93.94	---	---	Peak
2483.30	32.57	8.58	7.55	48.70	74.00	25.30	Peak
2855.00	32.73	8.67	6.63	48.03	74.00	25.97	Peak



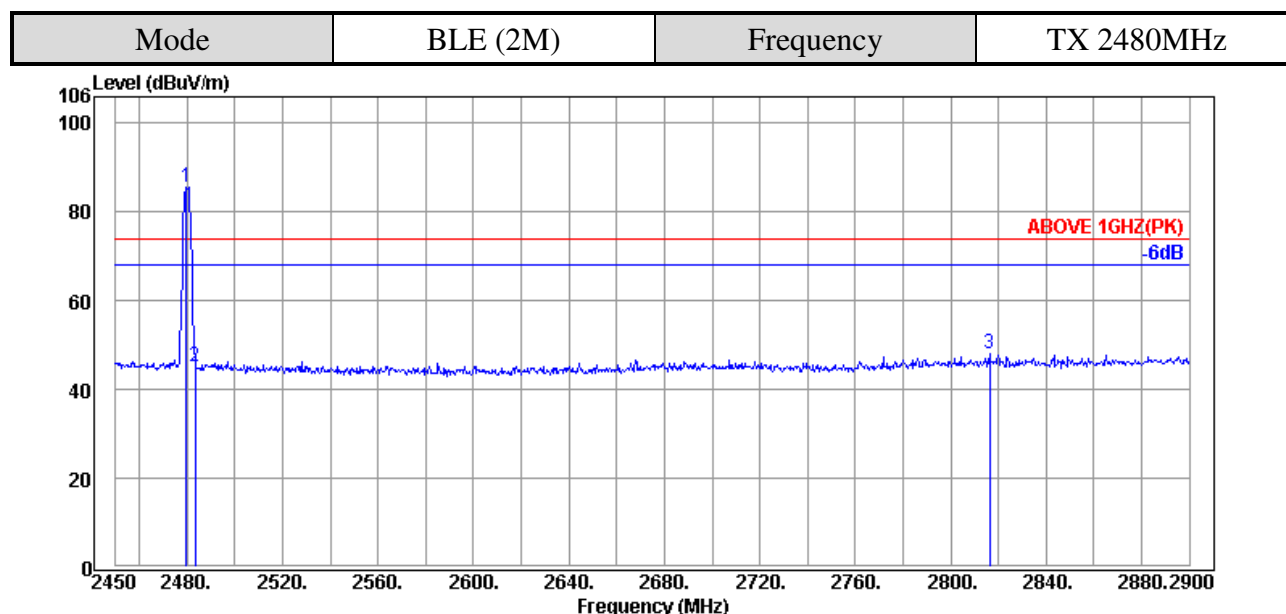
Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2480.15	32.58	8.58	51.08	92.24	---	---	Average
2483.30	32.57	8.58	1.29	42.44	54.00	11.56	Average
2893.25	32.96	8.68	-5.27	36.37	54.00	17.63	Average

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

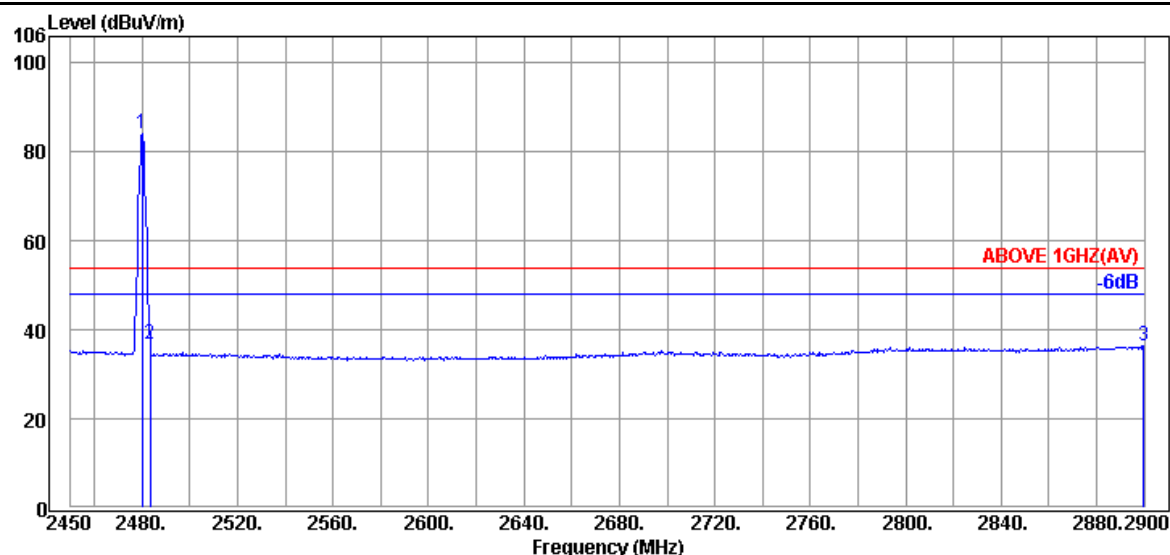
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Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBUV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
@ 2479.70	32.58	8.58	44.46	85.62	---	---	Peak
2483.30	32.57	8.58	4.00	45.15	74.00	28.85	Peak
2816.30	32.83	8.67	6.48	47.98	74.00	26.02	Peak



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBUV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
@ 2480.15	32.58	8.58	42.82	83.98	---	---	Average
2483.30	32.57	8.58	-4.49	36.66	54.00	17.34	Average
2899.55	33.00	8.69	-5.28	36.41	54.00	17.59	Average

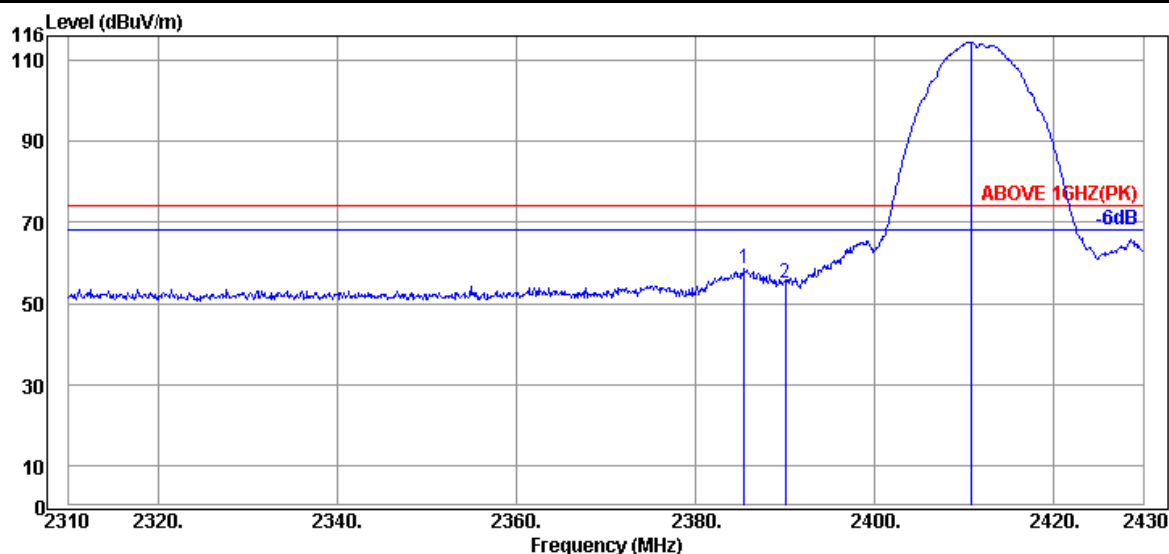
Remark: The "@" means fundamental frequency, it is ignored in this section.

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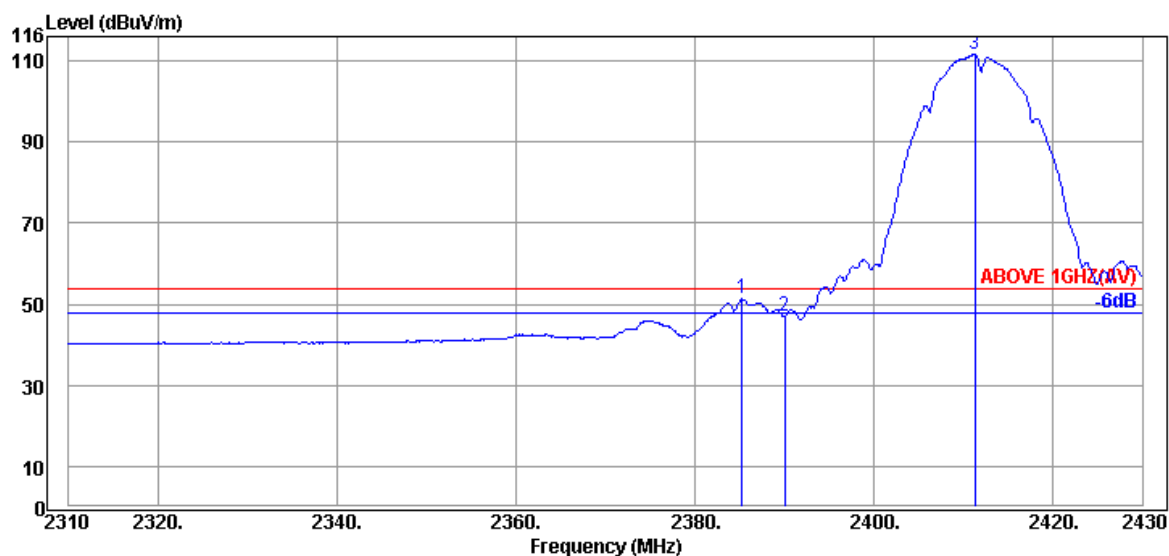
Chipset: MT7915DUN

Mode	802.11b	Frequency	TX 2412MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2385.48	32.00	8.51	18.00	58.51	74.00	15.49	Peak
2390.04	32.00	8.52	14.66	55.18	74.00	18.82	Peak
@ 2410.80	32.15	8.53	73.90	114.58	---	---	Peak



Antenna at Horizontal Polarization

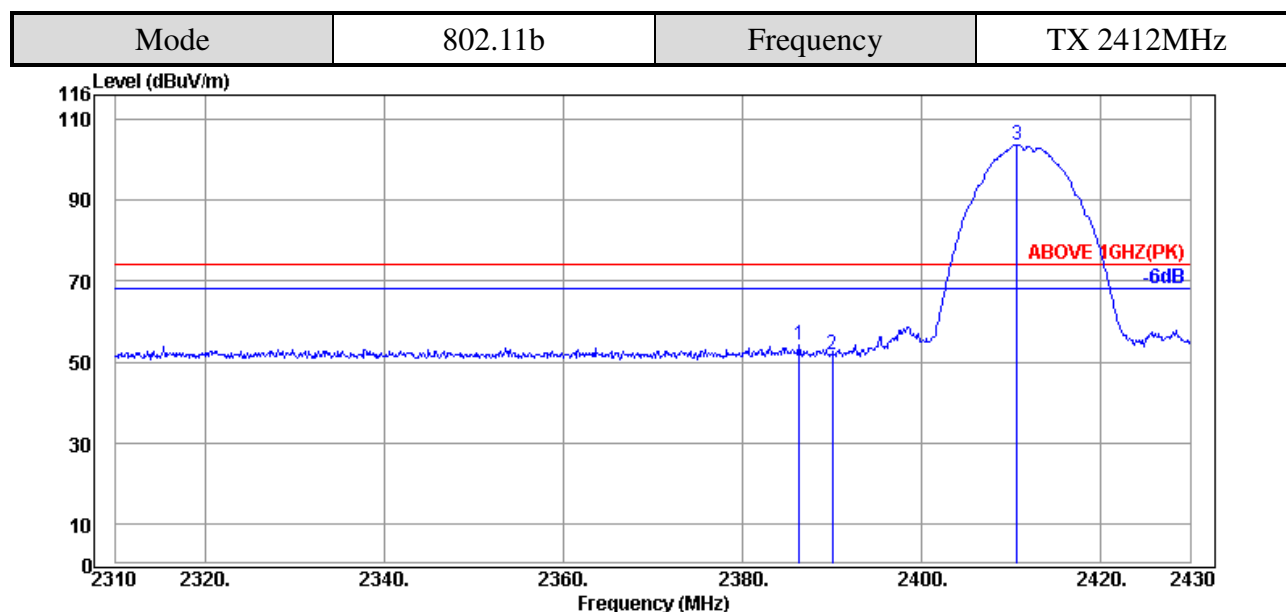
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2385.24	32.00	8.51	10.73	51.24	54.00	2.76	Average
2390.04	32.00	8.52	6.44	46.96	54.00	7.04	Average
@ 2411.28	32.16	8.53	70.91	111.60	---	---	Average

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

File Number: CIM1911140

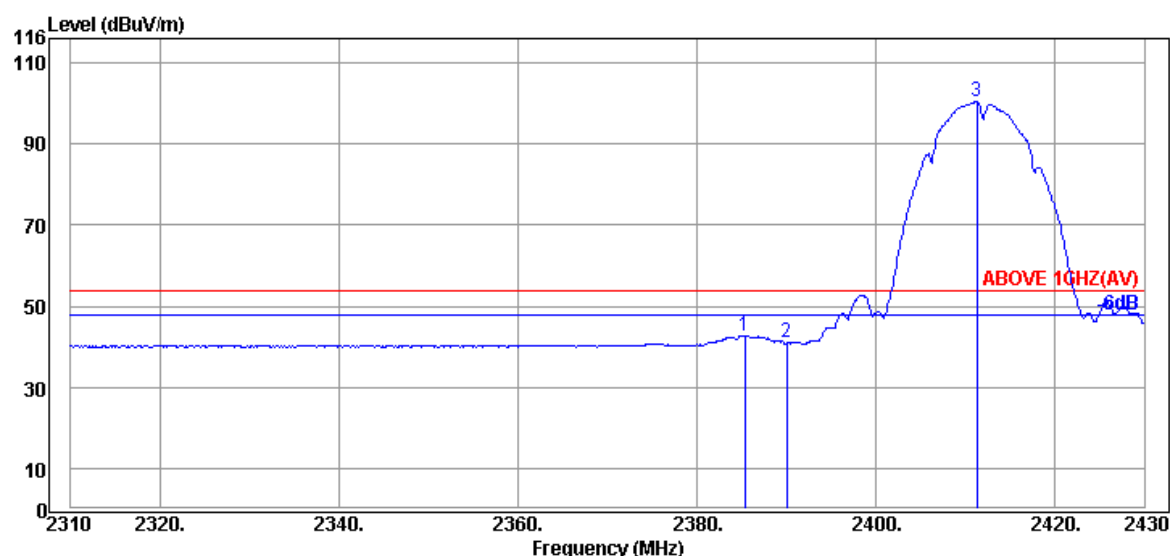
Report Number: EM-F190492

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Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2386.32	32.00	8.52	13.88	54.40	74.00	19.60	Peak
2390.04	32.00	8.52	11.10	51.62	74.00	22.38	Peak
@ 2410.68	32.15	8.53	63.08	103.76	---	---	Peak



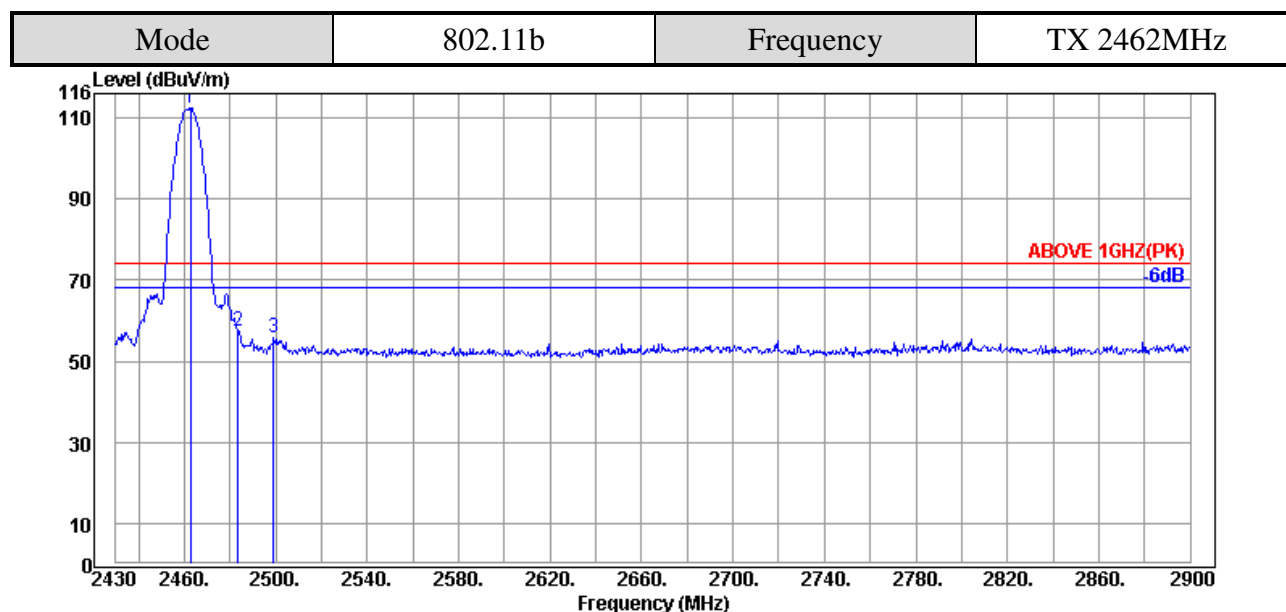
Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2385.36	32.00	8.51	2.28	42.79	54.00	11.21	Average
2390.04	32.00	8.52	0.39	40.91	54.00	13.09	Average
@ 2411.28	32.16	8.53	59.88	100.57	---	---	Average

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

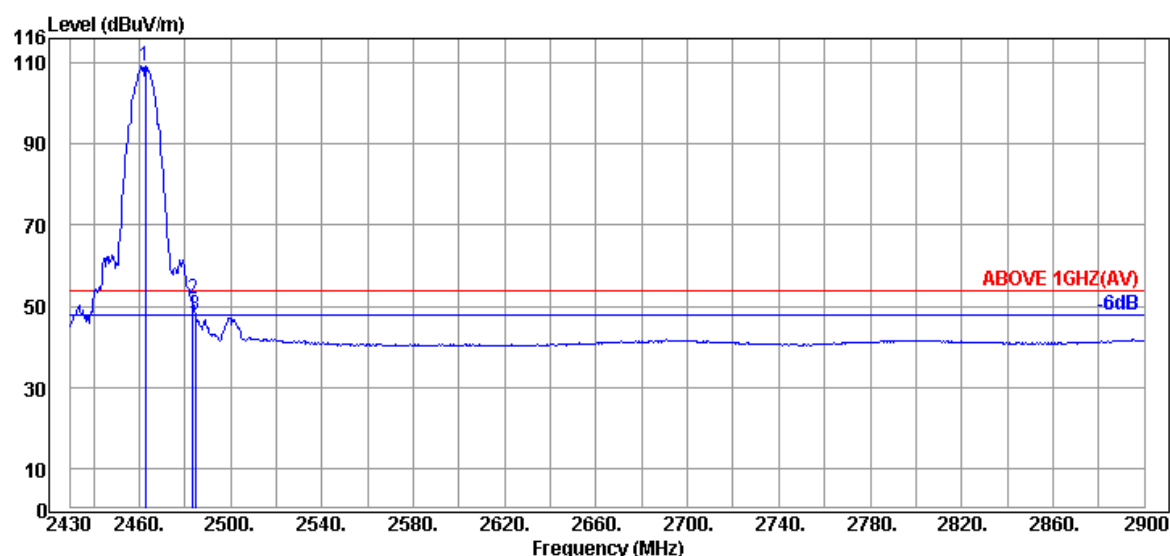
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2462.90	32.65	8.57	71.20	112.42	---	---	Peak
2483.58	32.57	8.58	16.15	57.30	74.00	16.70	Peak
2499.09	32.50	8.59	14.59	55.68	74.00	18.32	Peak



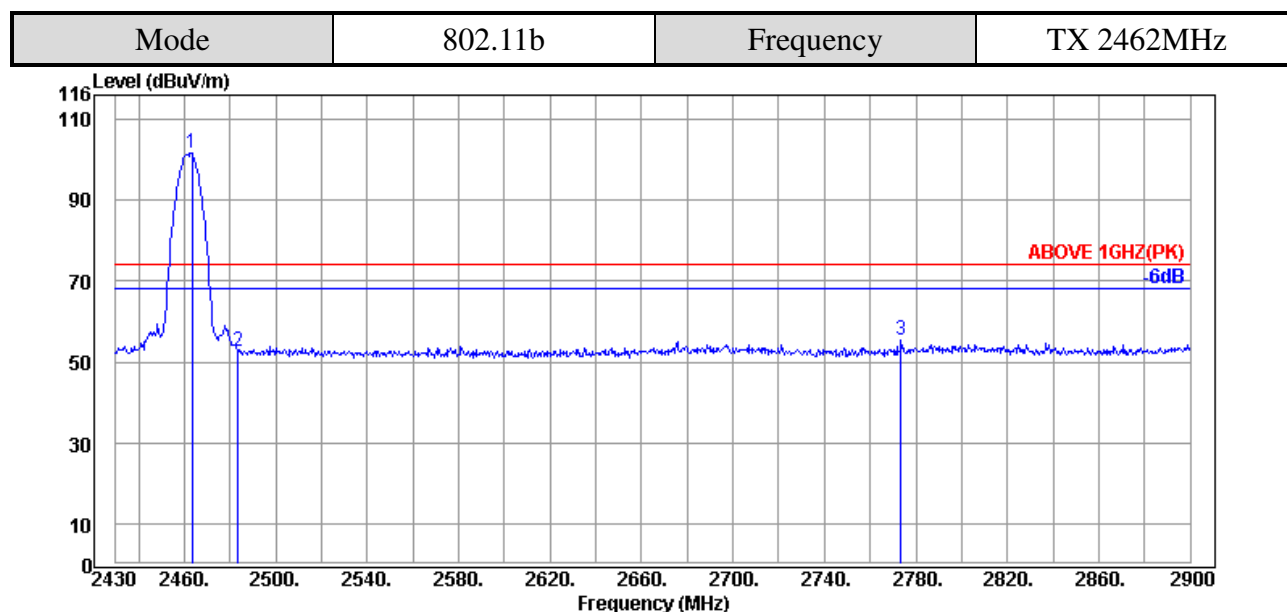
Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2462.90	32.65	8.57	67.84	109.06	---	---	Average
2483.58	32.57	8.58	10.81	51.96	54.00	2.04	Average
2484.52	32.56	8.58	6.78	47.92	54.00	6.08	Average

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

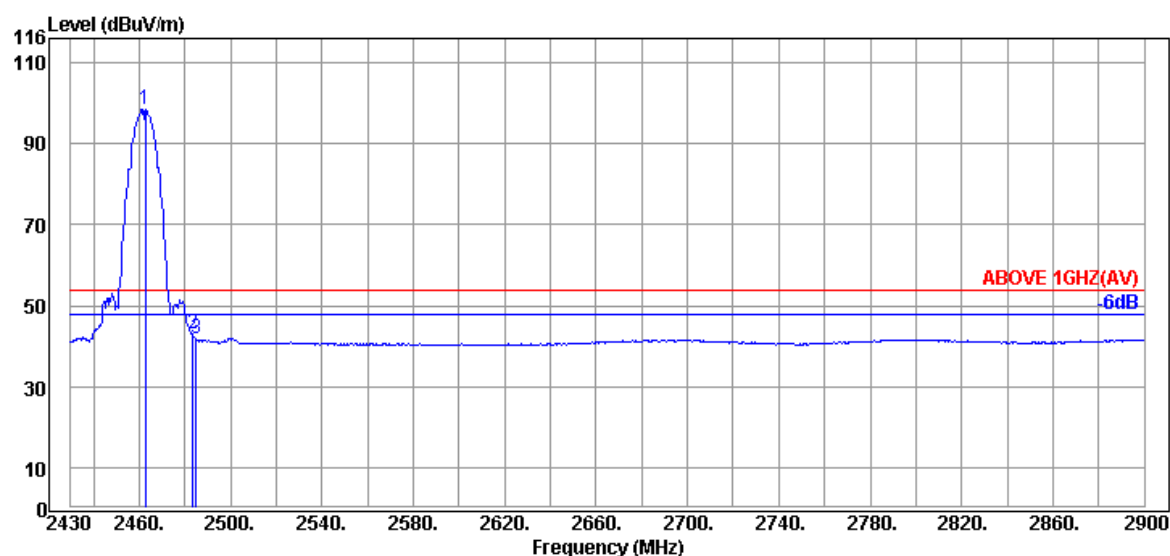
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Fax: +886 2 26099303



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2463.37	32.65	8.57	60.30	101.52	---	---	Peak
2483.58	32.57	8.58	11.42	52.57	74.00	21.43	Peak
2773.57	32.53	8.65	14.11	55.29	74.00	18.71	Peak



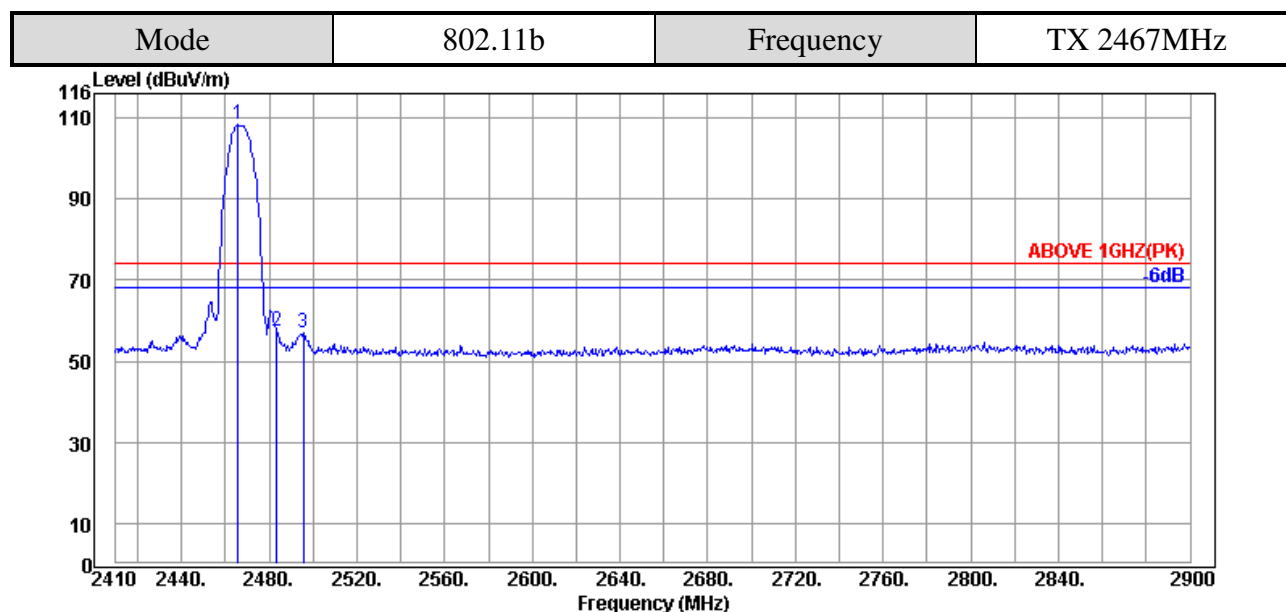
Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2462.90	32.65	8.57	57.14	98.36	---	---	Average
2483.58	32.57	8.58	2.02	43.17	54.00	10.83	Average
2484.99	32.56	8.58	0.74	41.88	54.00	12.12	Average

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

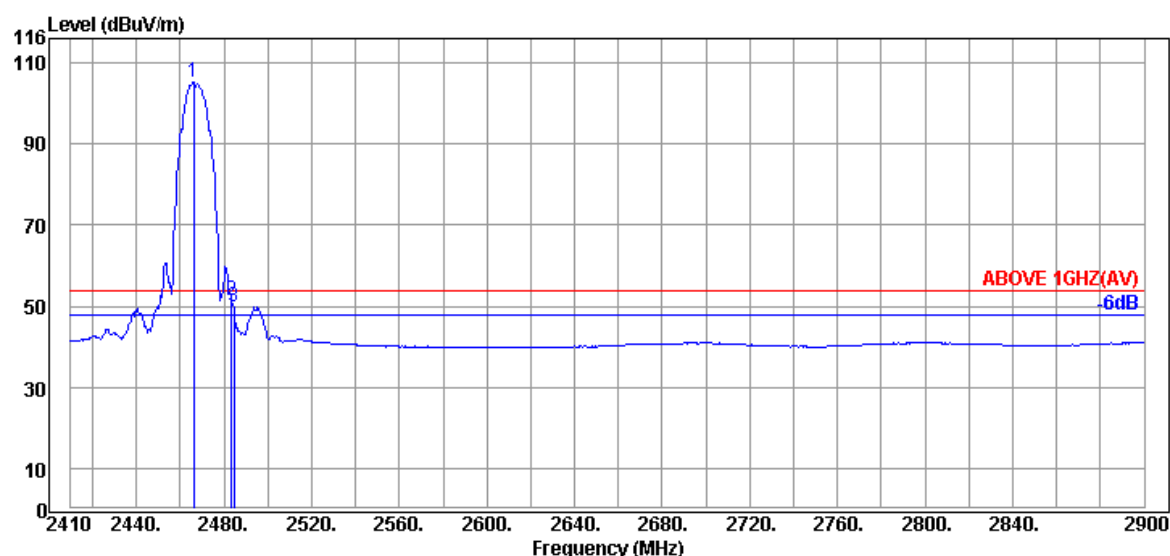
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2465.86	32.64	8.57	67.35	108.56	---	---	Peak
2483.50	32.57	8.58	16.44	57.59	74.00	16.41	Peak
2495.75	32.52	8.59	15.99	57.10	74.00	16.90	Peak



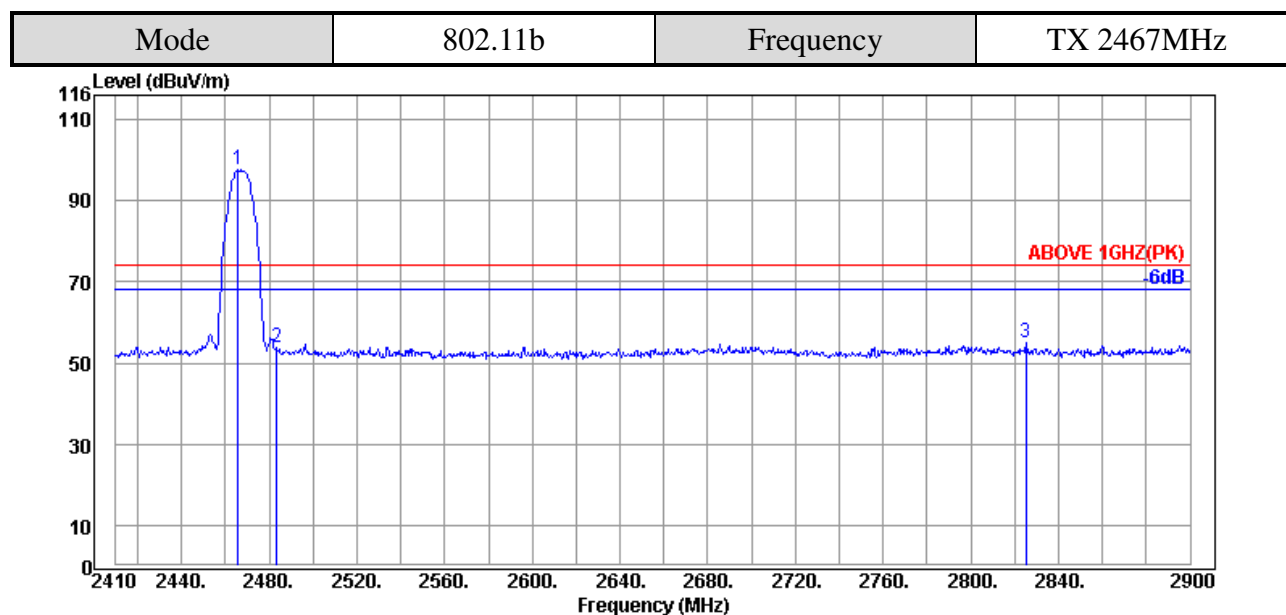
Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2466.35	32.63	8.57	63.98	105.18	---	---	Average
2483.50	32.57	8.58	10.20	51.35	54.00	2.65	Average
2484.48	32.56	8.58	8.88	50.02	54.00	3.98	Average

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

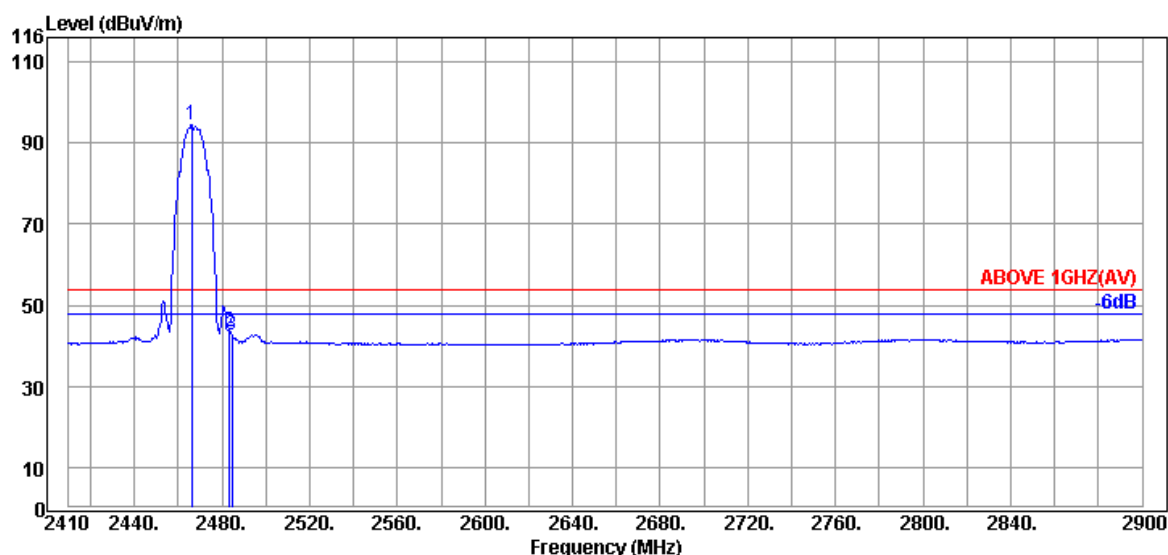
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Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2465.86	32.64	8.57	56.60	97.81	---	---	Peak
2483.50	32.57	8.58	12.85	54.00	74.00	20.00	Peak
2825.03	32.80	8.67	13.59	55.06	74.00	18.94	Peak



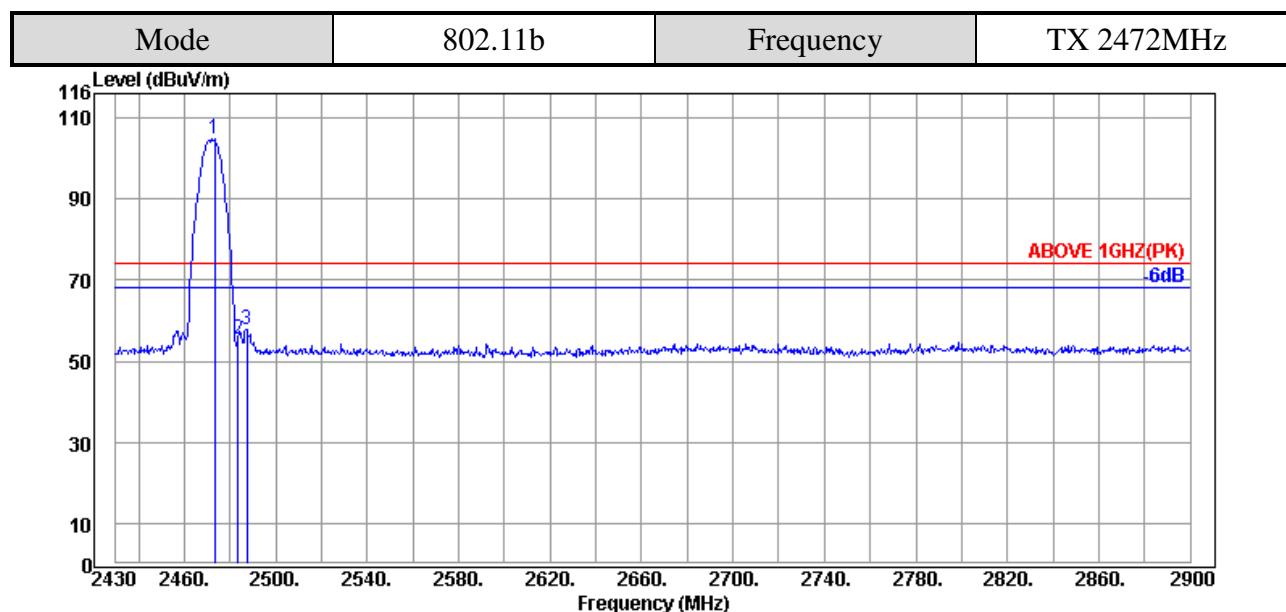
Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2466.35	32.63	8.57	53.28	94.48	---	---	Average
2483.50	32.57	8.58	2.21	43.36	54.00	10.64	Average
2484.48	32.56	8.58	1.65	42.79	54.00	11.21	Average

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

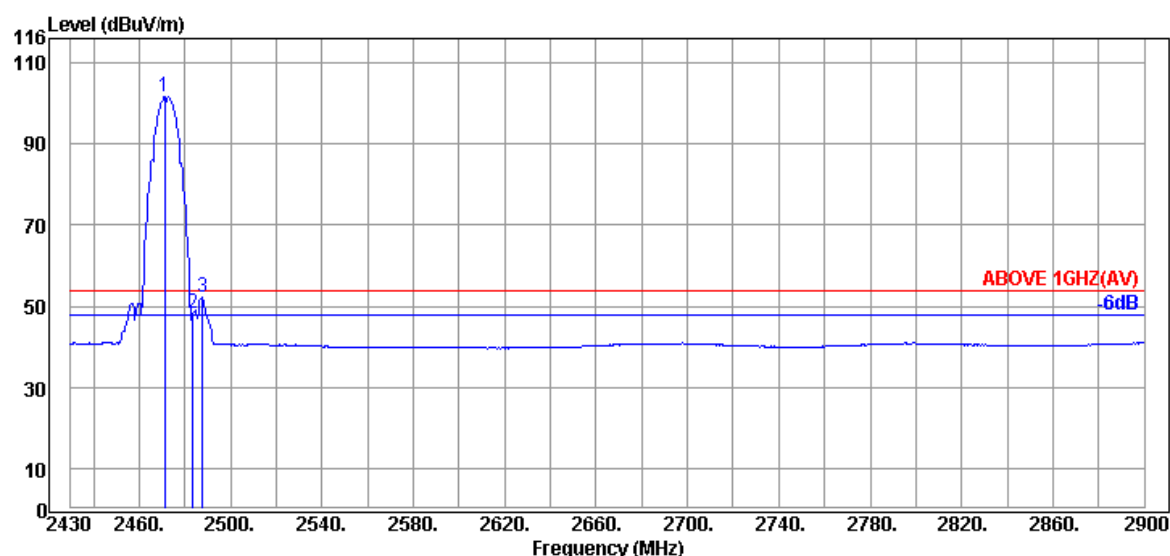
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2473.24	32.61	8.58	63.49	104.68	---	---	Peak
2483.58	32.57	8.58	14.22	55.37	74.00	18.63	Peak
2487.34	32.55	8.58	16.82	57.95	74.00	16.05	Peak



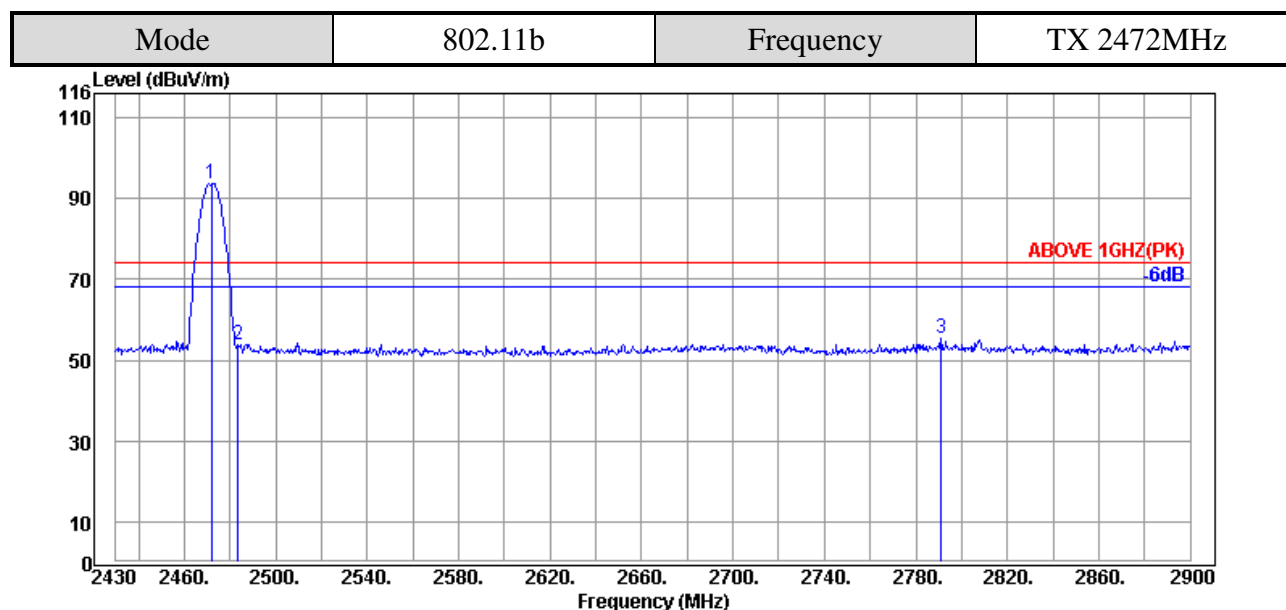
Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2471.36	32.61	8.58	60.51	101.70	---	---	Average
2483.58	32.57	8.58	7.19	48.34	54.00	5.66	Average
2487.81	32.55	8.59	10.89	52.03	54.00	1.97	Average

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

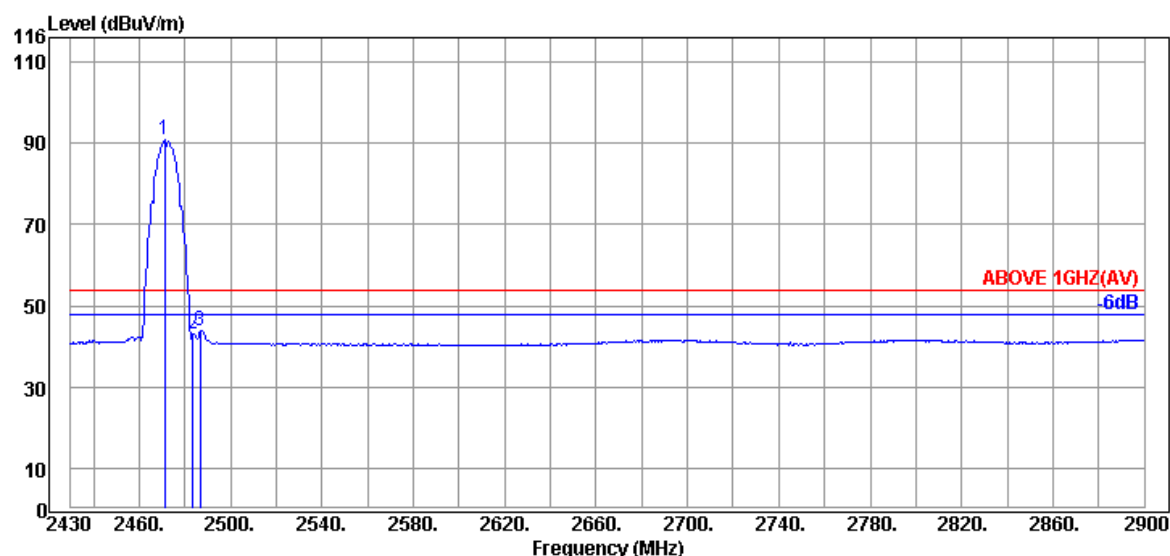
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Antenna at Vertical Polarization

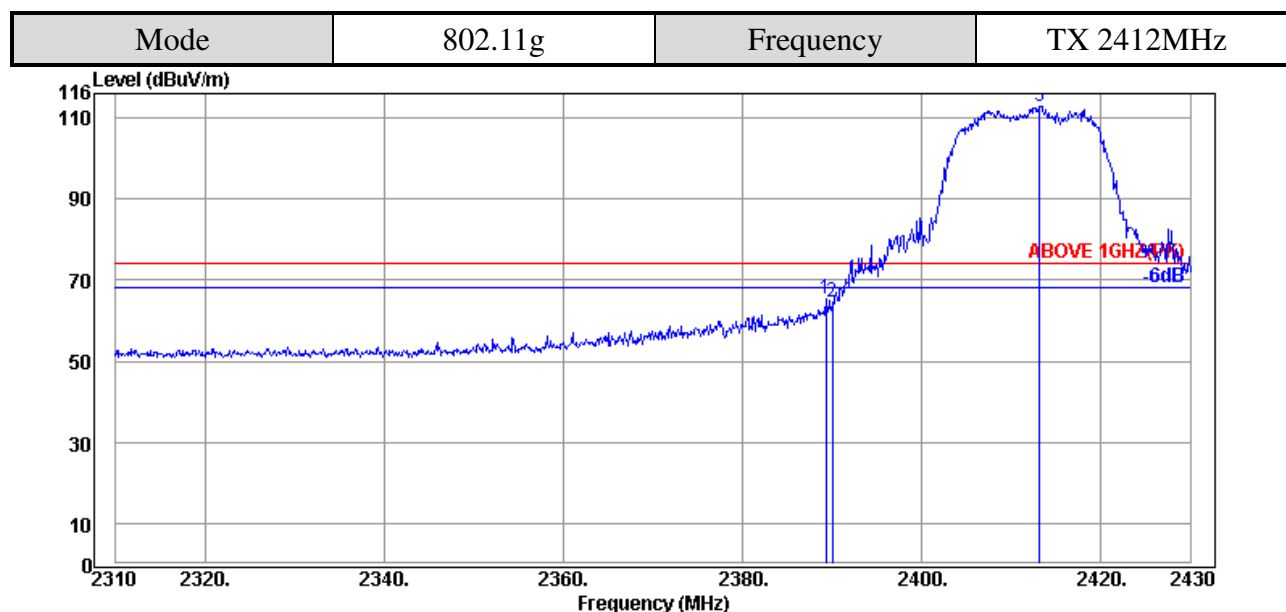
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2471.83	32.61	8.58	52.58	93.77	---	---	Peak
2483.58	32.57	8.58	12.69	53.84	74.00	20.16	Peak
2790.96	32.77	8.66	14.00	55.43	74.00	18.57	Peak



Antenna at Vertical Polarization

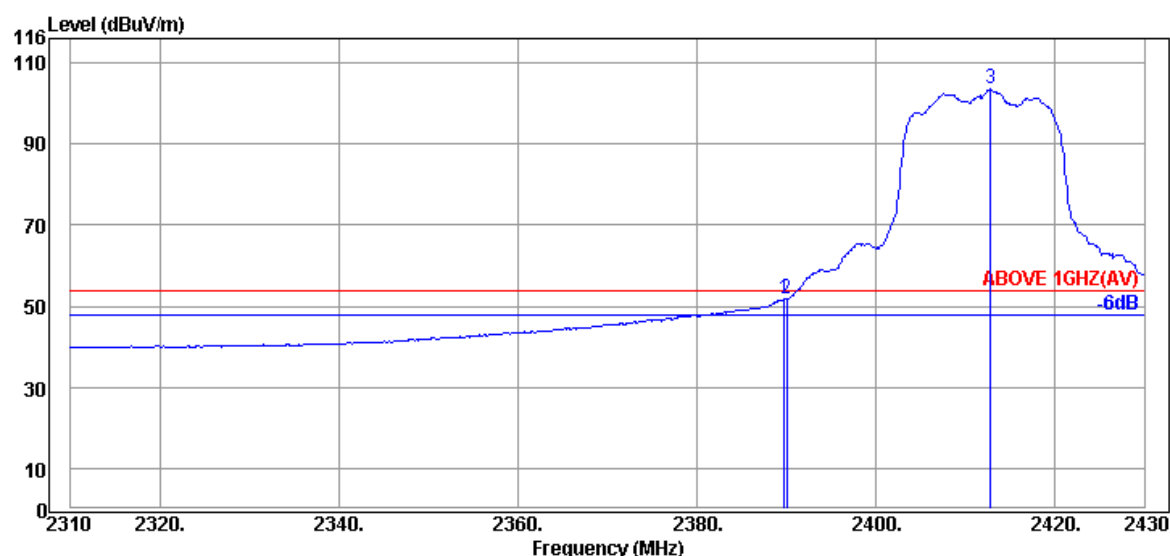
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2471.36	32.61	8.58	49.51	90.70	---	---	Average
2483.58	32.57	8.58	1.81	42.96	54.00	11.04	Average
2486.87	32.55	8.58	2.72	43.85	54.00	10.15	Average

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



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2389.32	32.00	8.52	24.77	65.29	74.00	8.71	Peak
2390.04	32.00	8.52	24.06	64.58	74.00	9.42	Peak
@ 2413.20	32.18	8.53	72.28	112.99	---	---	Peak



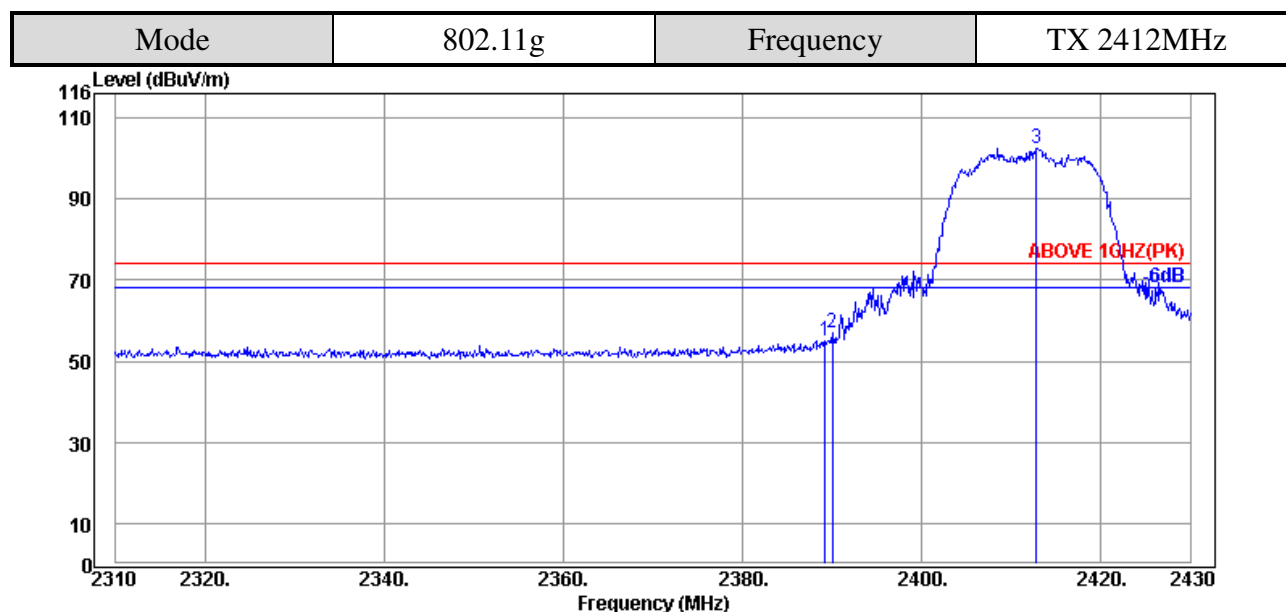
Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2389.80	32.00	8.52	11.11	51.63	54.00	2.37	Average
2390.04	32.00	8.52	11.16	51.68	54.00	2.32	Average
@ 2412.84	32.18	8.53	62.89	103.60	---	---	Average

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

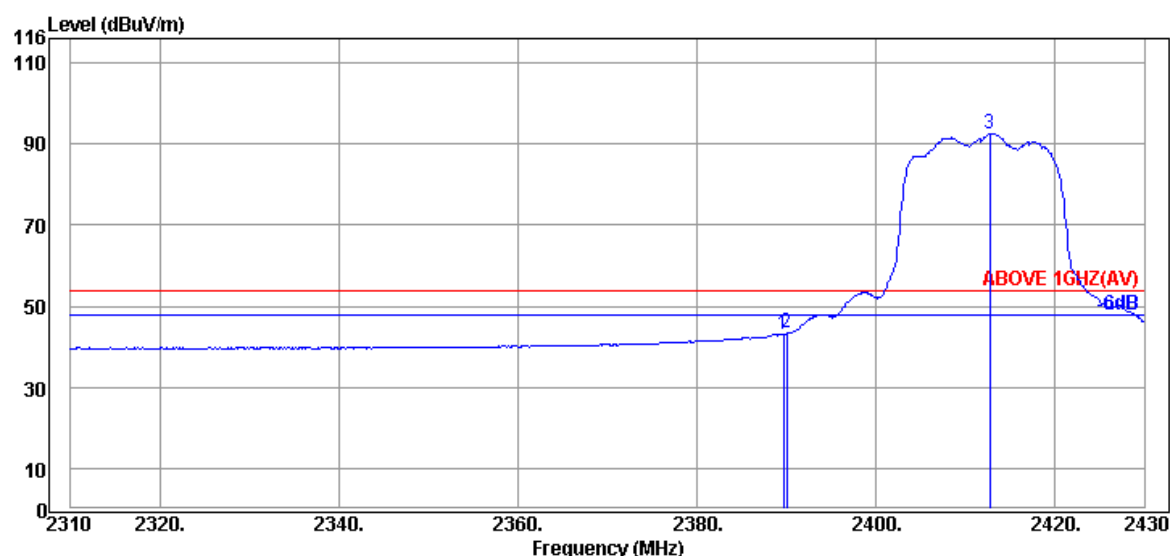
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Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2389.20	32.00	8.52	14.46	54.98	74.00	19.02	Peak
2390.04	32.00	8.52	16.30	56.82	74.00	17.18	Peak
@ 2412.84	32.18	8.53	61.87	102.58	---	---	Peak



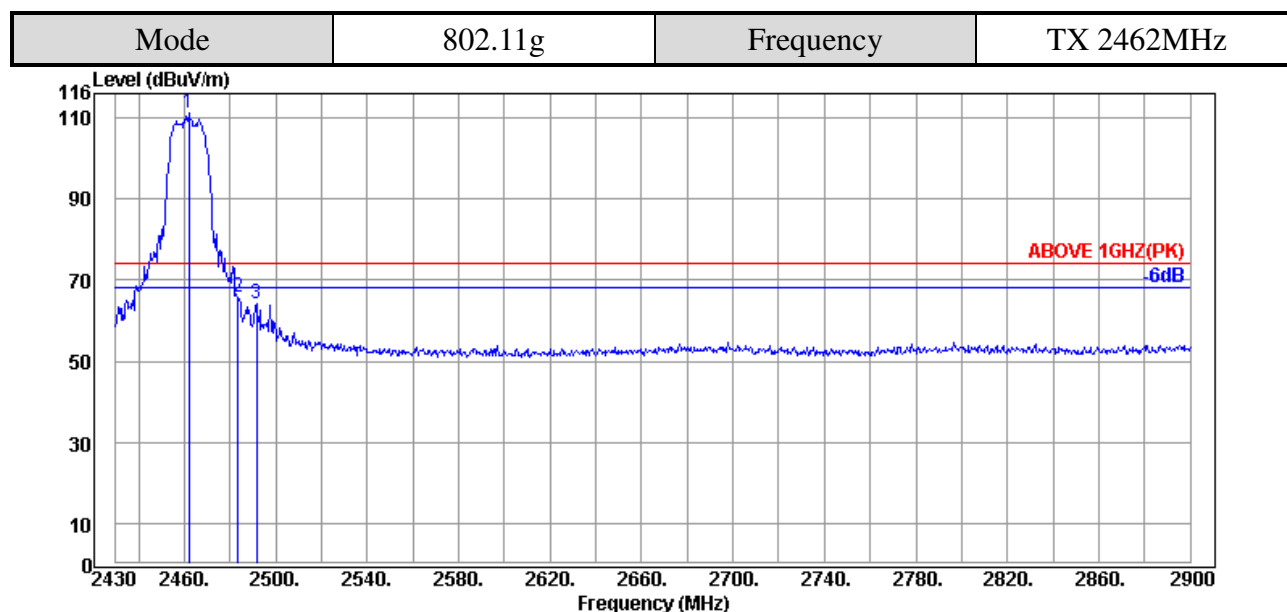
Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2389.68	32.00	8.52	2.71	43.23	54.00	10.77	Average
2390.04	32.00	8.52	2.77	43.29	54.00	10.71	Average
@ 2412.72	32.18	8.53	51.95	92.66	---	---	Average

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

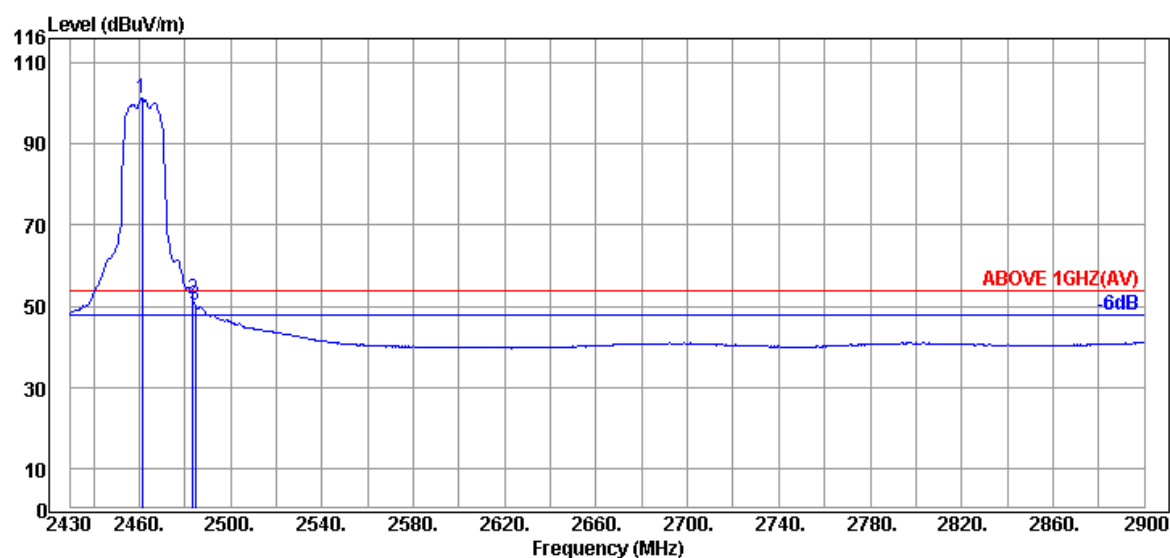
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2461.96	32.65	8.57	70.15	111.37	---	---	Peak
2483.58	32.57	8.58	24.61	65.76	74.00	8.24	Peak
2491.57	32.53	8.59	23.25	64.37	74.00	9.63	Peak



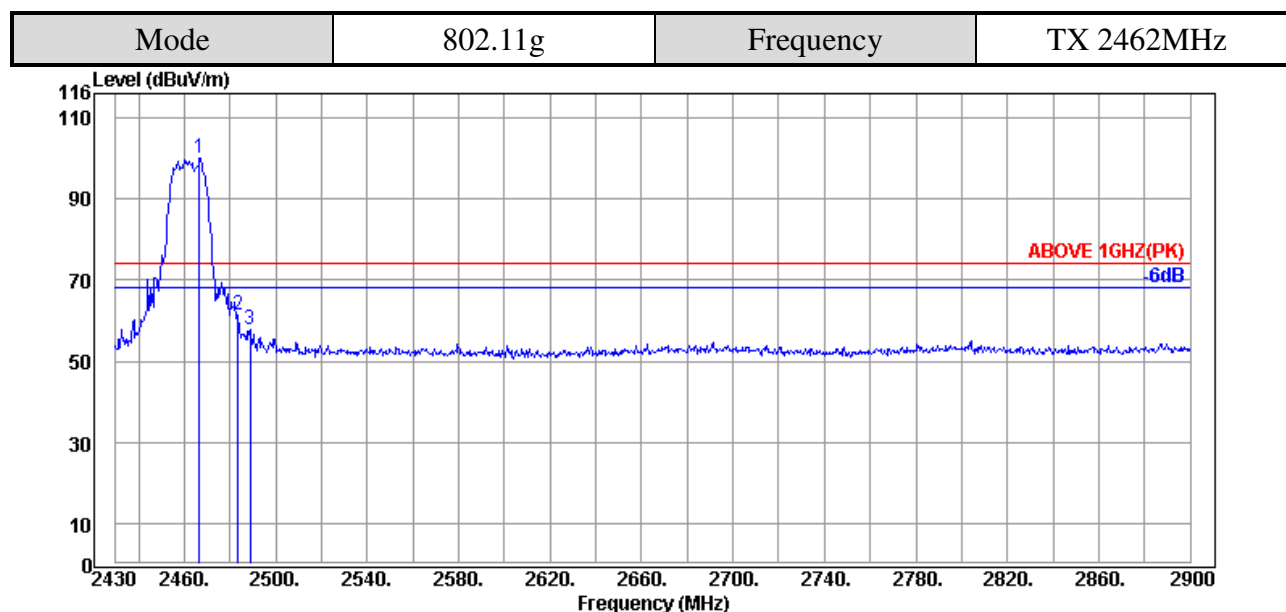
Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2461.49	32.65	8.57	59.88	101.10	---	---	Average
2483.58	32.57	8.58	10.75	51.90	54.00	2.10	Average
2484.52	32.56	8.58	9.09	50.23	54.00	3.77	Average

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

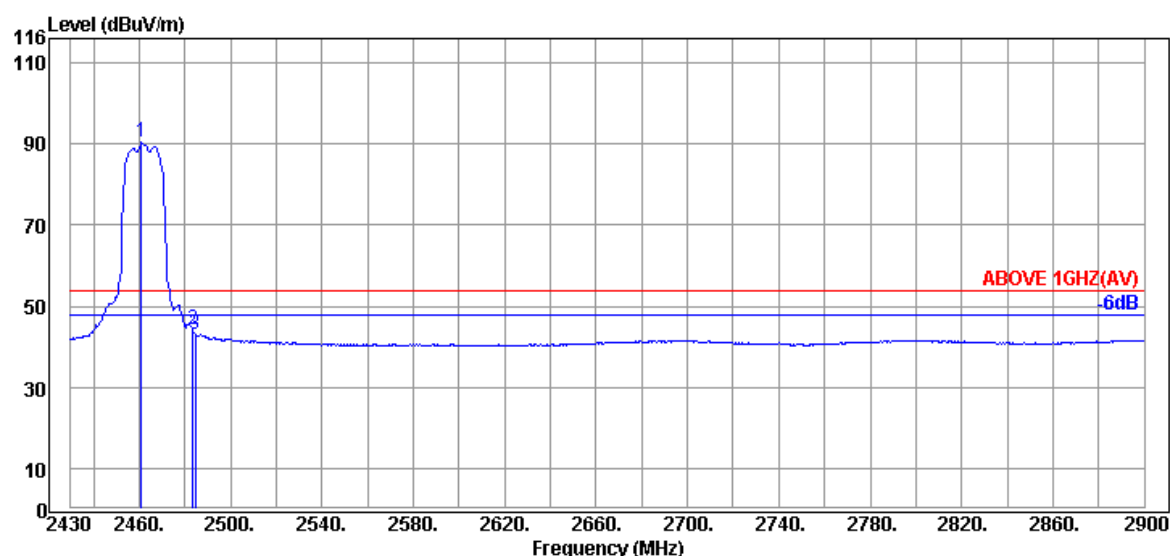
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Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2466.66	32.63	8.57	58.80	100.00	---	---	Peak
2483.58	32.57	8.58	20.06	61.21	74.00	12.79	Peak
2488.75	32.55	8.59	16.65	57.79	74.00	16.21	Peak



Antenna at Vertical Polarization

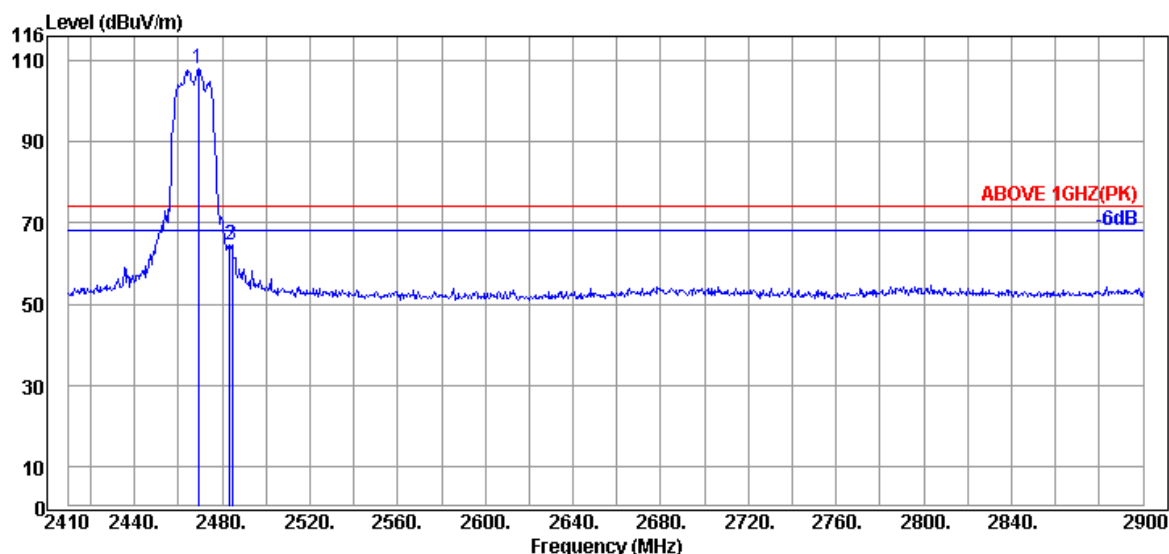
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2461.02	32.66	8.57	49.19	90.42	---	---	Average
2483.58	32.57	8.58	2.99	44.14	54.00	9.86	Average
2484.52	32.56	8.58	1.78	42.92	54.00	11.08	Average

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

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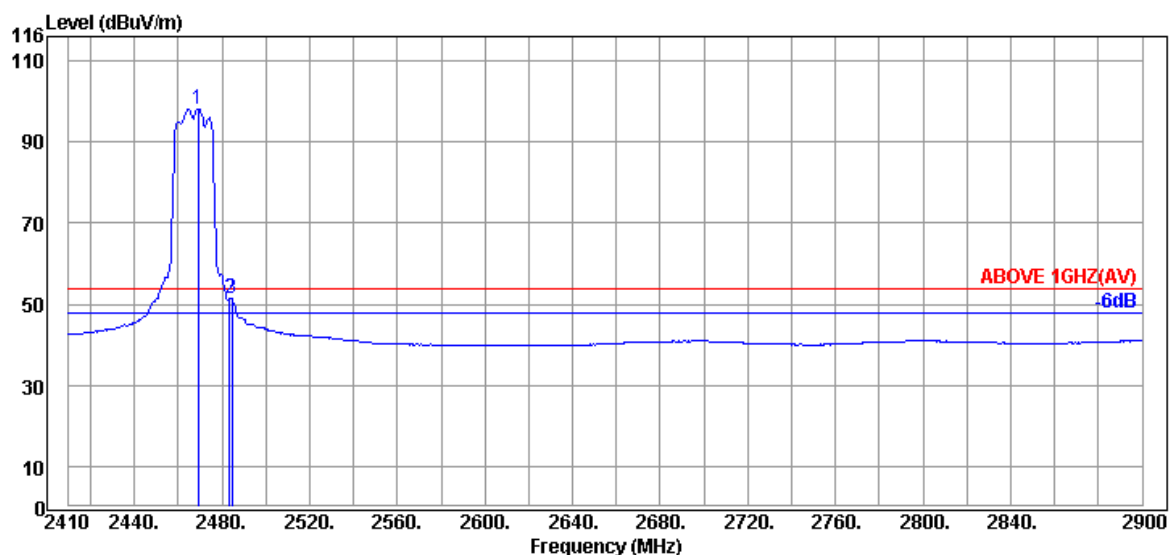
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Mode	802.11g	Frequency	TX 2467MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
@ 2469.29	32.62	8.57	66.82	108.01	---	---	Peak
2483.50	32.57	8.58	23.62	64.77	74.00	9.23	Peak
2484.48	32.56	8.58	23.60	64.74	74.00	9.26	Peak



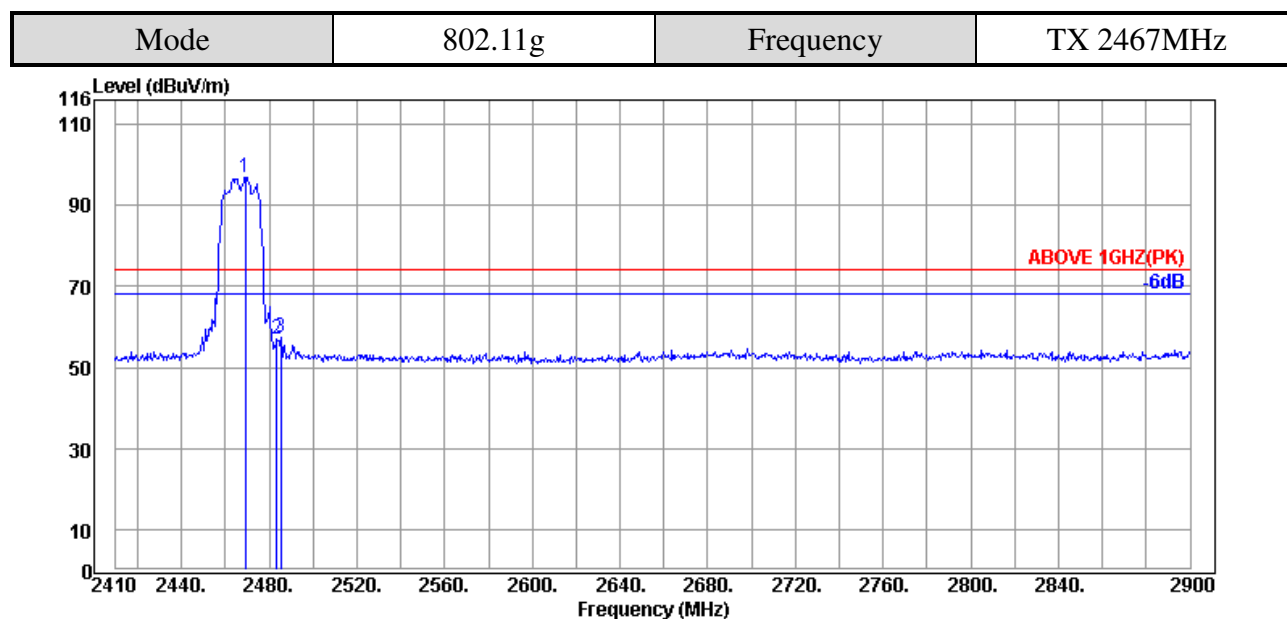
Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
@ 2469.29	32.62	8.57	57.00	98.19	---	---	Average
2483.50	32.57	8.58	10.11	51.26	54.00	2.74	Average
2484.48	32.56	8.58	10.13	51.27	54.00	2.73	Average

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

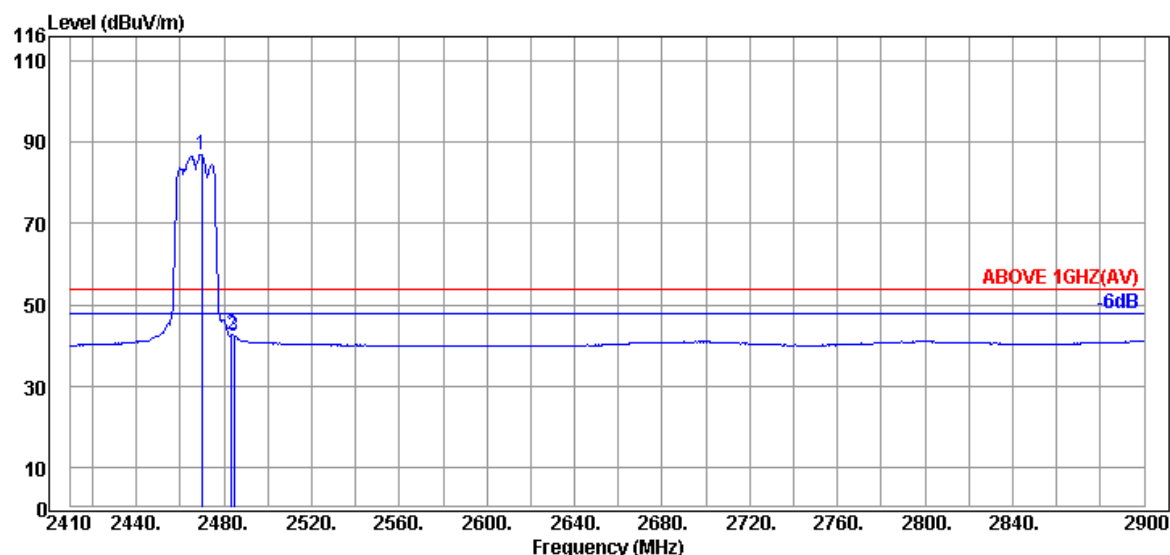
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Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2469.29	32.62	8.57	55.79	96.98	---	---	Peak
2483.50	32.57	8.58	15.84	56.99	74.00	17.01	Peak
2485.46	32.56	8.58	16.36	57.50	74.00	16.50	Peak



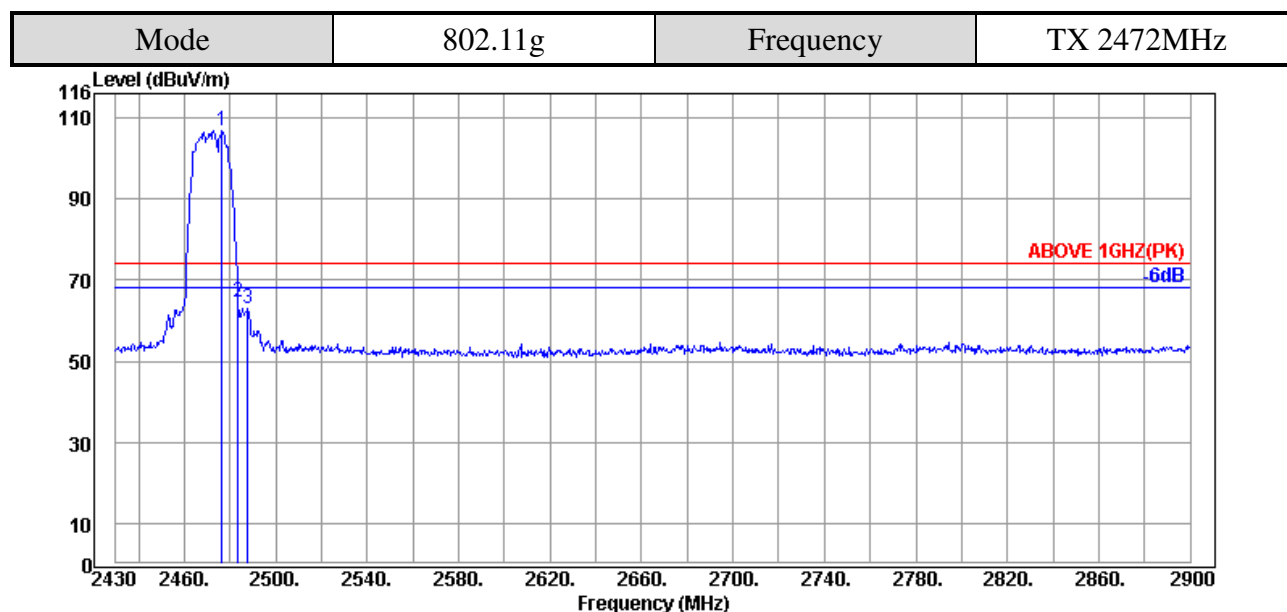
Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2469.78	32.62	8.57	45.84	87.03	---	---	Average
2483.50	32.57	8.58	1.35	42.50	54.00	11.50	Average
2484.48	32.56	8.58	1.31	42.45	54.00	11.55	Average

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

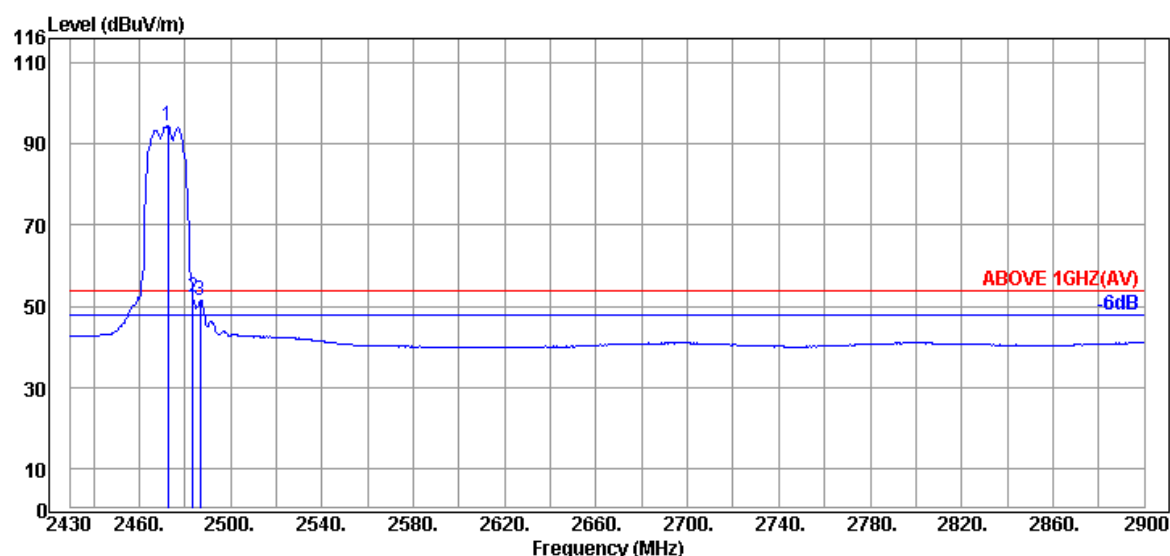
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2476.53	32.59	8.58	65.69	106.86	---	---	Peak
2483.58	32.57	8.58	23.25	64.40	74.00	9.60	Peak
2487.81	32.55	8.59	21.96	63.10	74.00	10.90	Peak



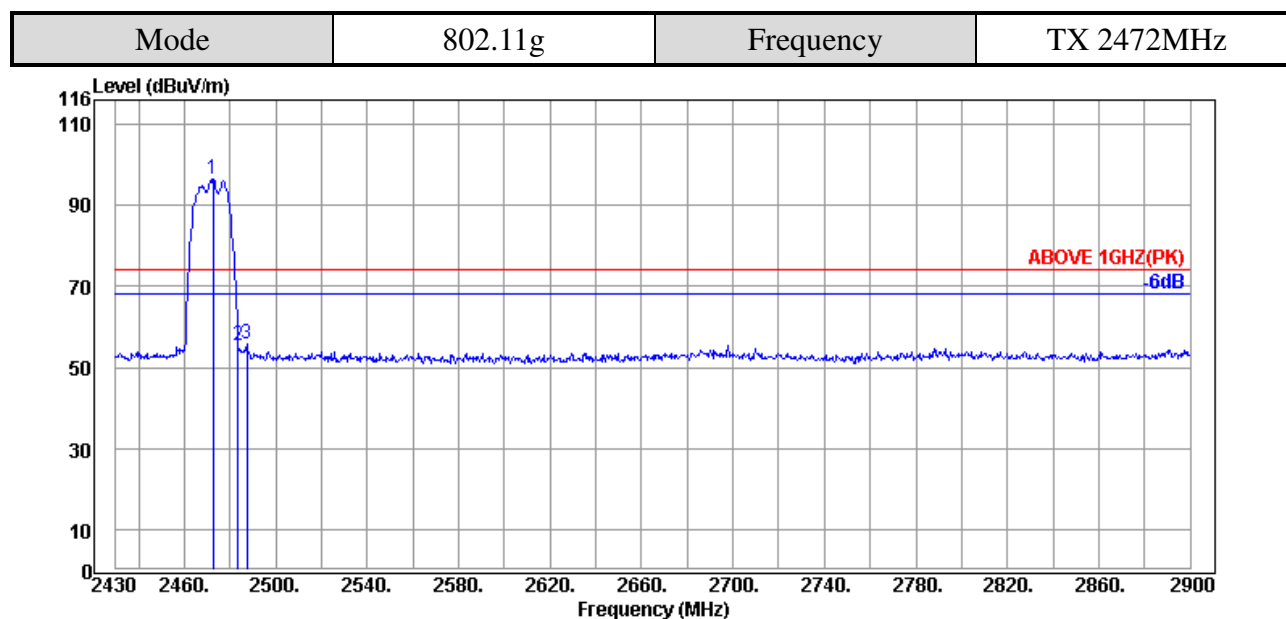
Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2472.77	32.61	8.58	53.26	94.45	---	---	Average
2483.58	32.57	8.58	11.12	52.27	54.00	1.73	Average
2486.87	32.55	8.58	10.30	51.43	54.00	2.57	Average

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

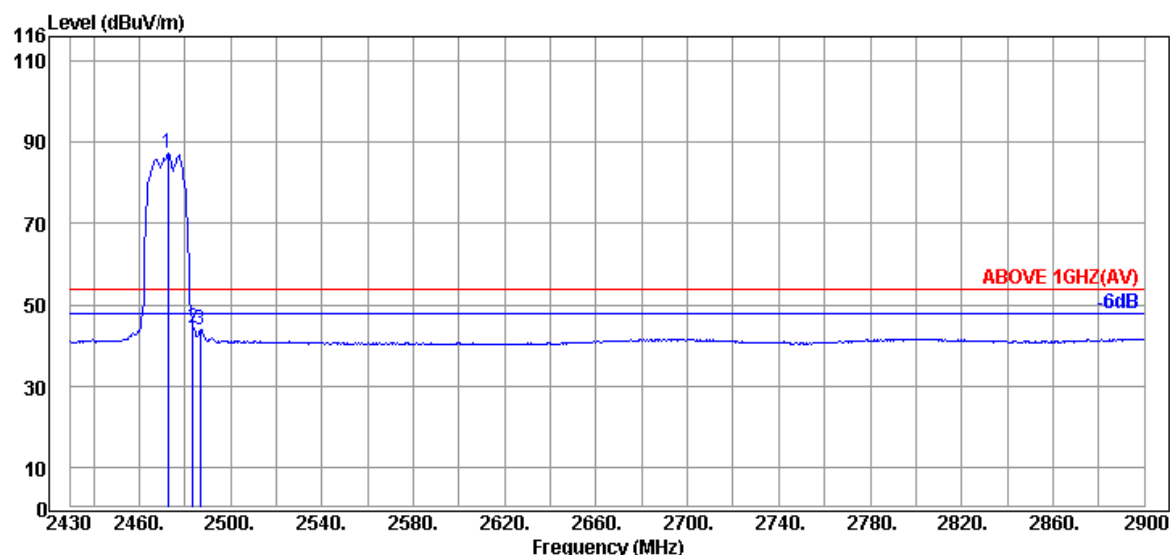
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Antenna at Vertical Polarization

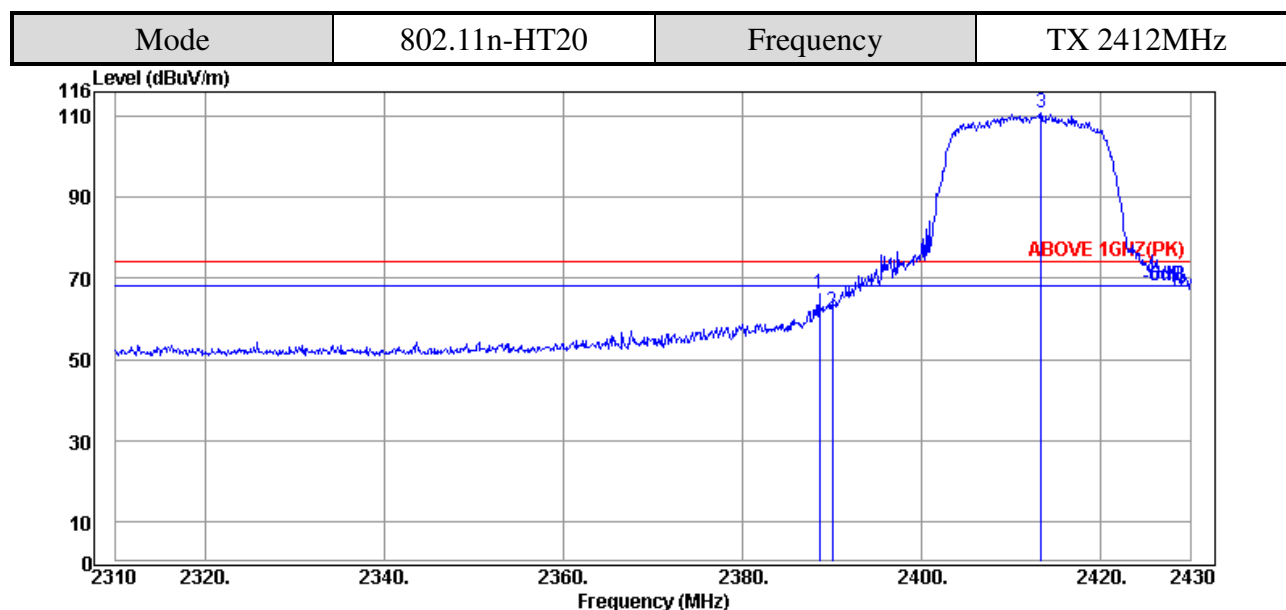
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2472.77	32.61	8.58	55.42	96.61	---	---	Peak
2483.58	32.57	8.58	14.22	55.37	74.00	18.63	Peak
2487.34	32.55	8.58	14.81	55.94	74.00	18.06	Peak



Antenna at Vertical Polarization

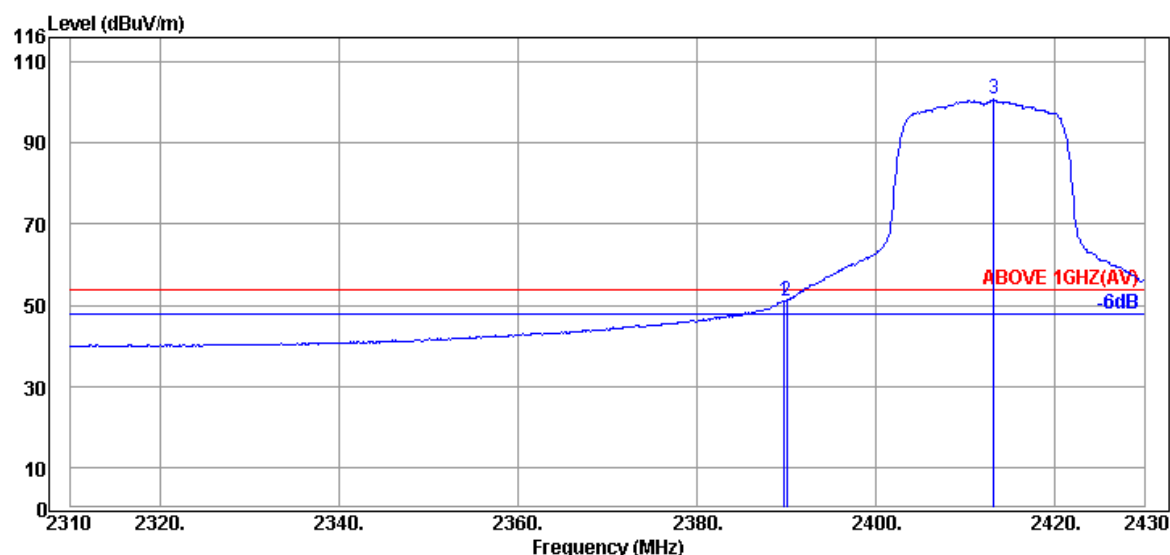
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2472.77	32.61	8.58	45.92	87.11	---	---	Average
2483.58	32.57	8.58	3.17	44.32	54.00	9.68	Average
2486.87	32.55	8.58	2.78	43.91	54.00	10.09	Average

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



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2388.60	32.00	8.52	25.53	66.05	74.00	7.95	Peak
2390.04	32.00	8.52	21.31	61.83	74.00	12.17	Peak
@ 2413.32	32.19	8.53	69.99	110.71	---	---	Peak

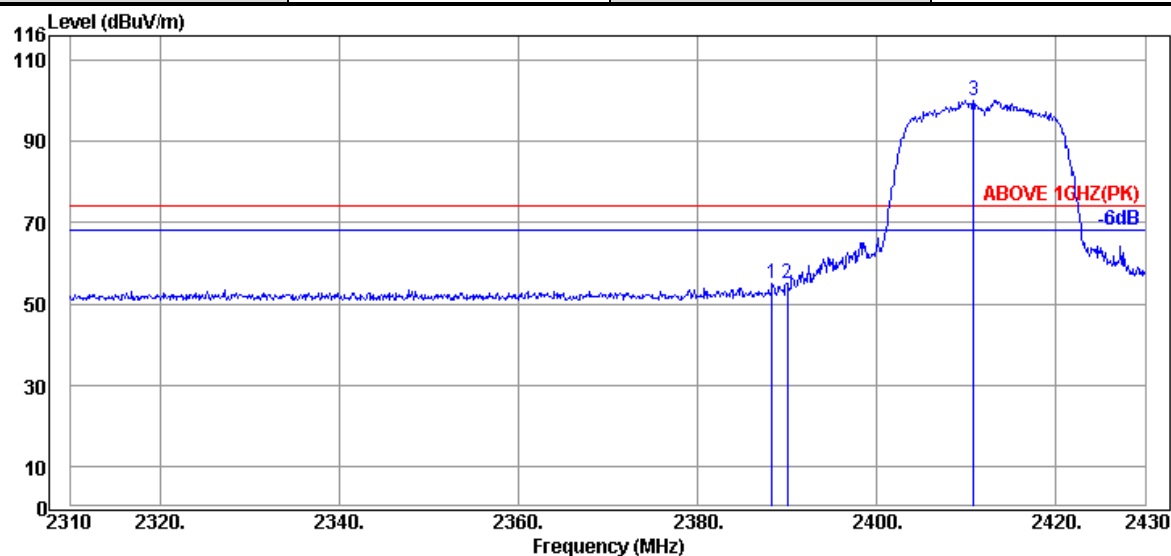


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2389.80	32.00	8.52	10.57	51.09	54.00	2.91	Average
2390.04	32.00	8.52	10.69	51.21	54.00	2.79	Average
@ 2413.20	32.18	8.53	59.97	100.68	---	---	Average

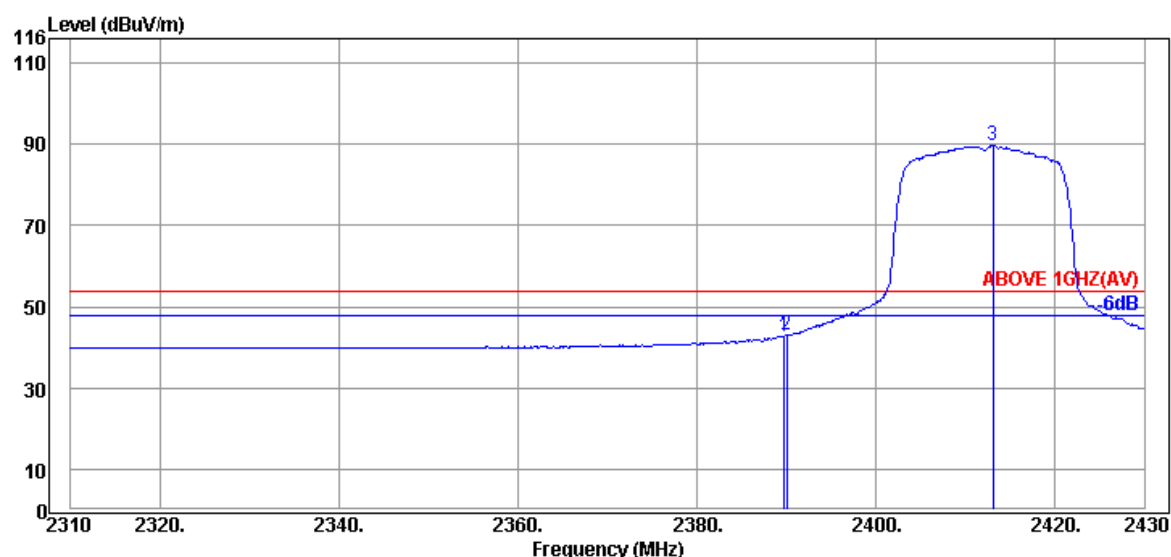
Remark: The “@” means fundamental frequency, it is ignored in this section.

Mode	802.11n-HT20	Frequency	TX 2412MHz
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Antenna at Vertical Polarization

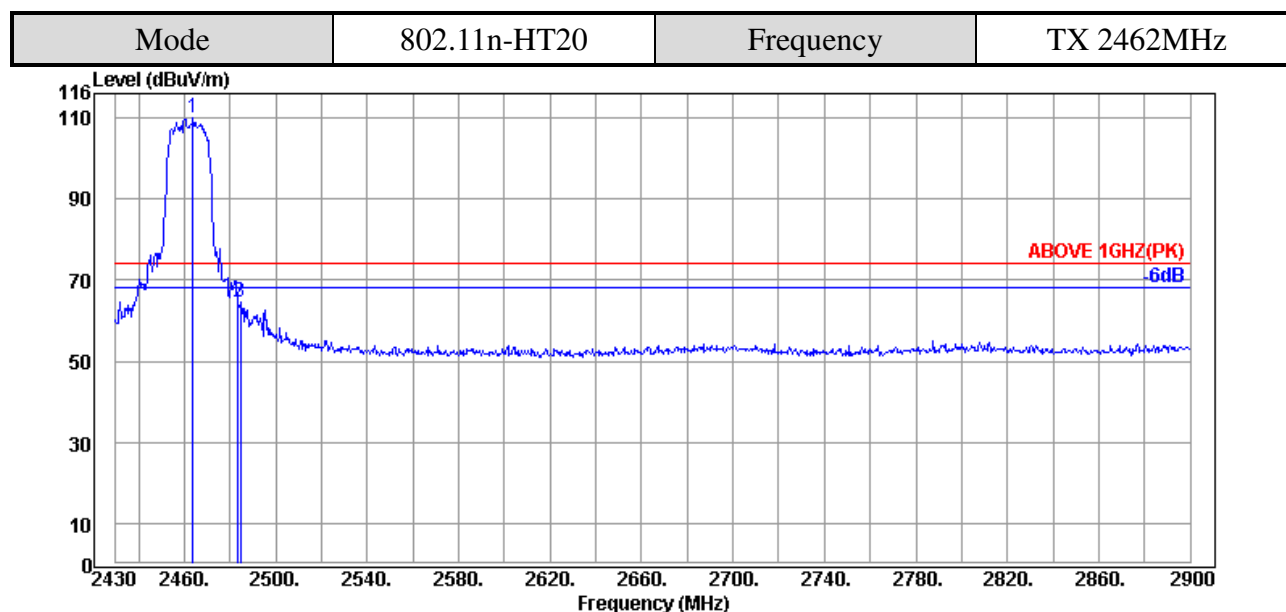
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2388.36	32.00	8.52	14.53	55.05	74.00	18.95	Peak
2390.04	32.00	8.52	14.64	55.16	74.00	18.84	Peak
@ 2410.80	32.15	8.53	59.30	99.98	---	---	Peak



Antenna at Vertical Polarization

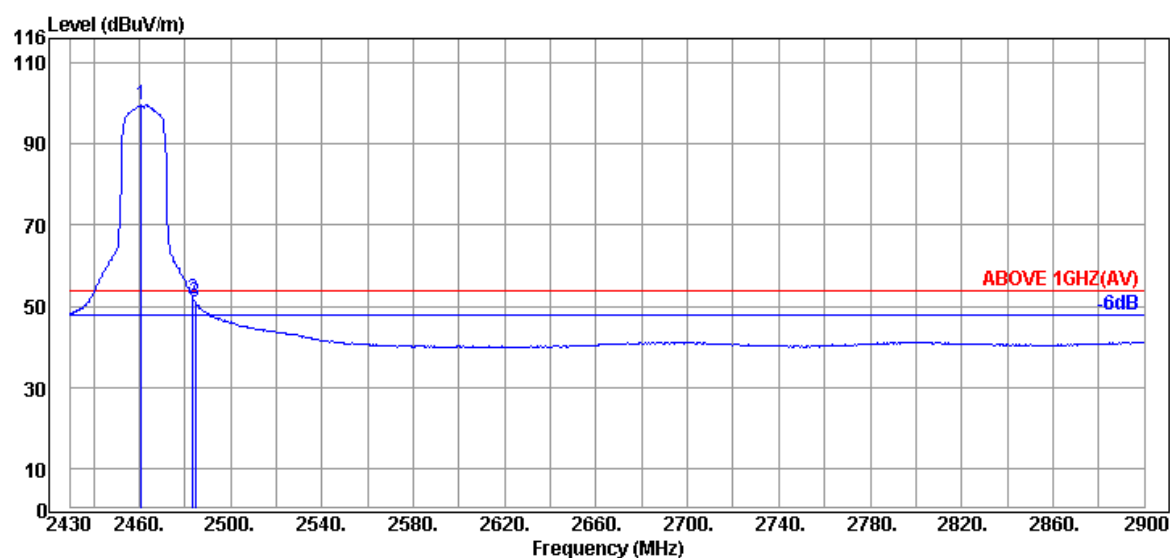
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2389.80	32.00	8.52	2.32	42.84	54.00	11.16	Average
2390.04	32.00	8.52	2.50	43.02	54.00	10.98	Average
@ 2413.08	32.18	8.53	48.96	89.67	---	---	Average

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



Antenna at Horizontal Polarization

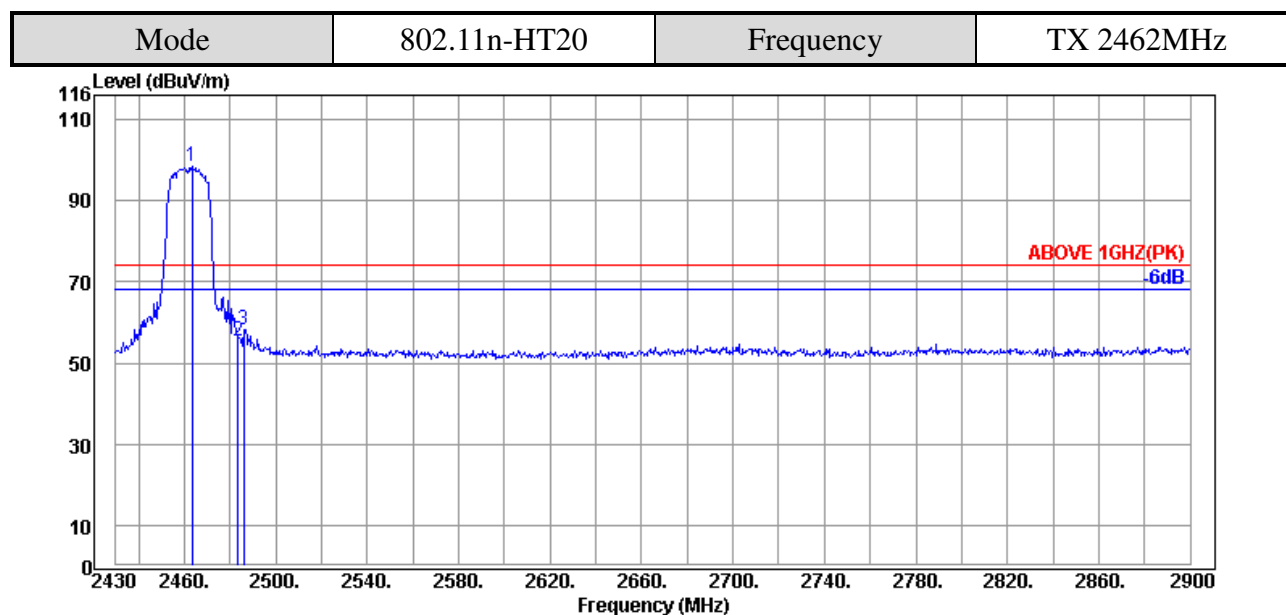
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2463.84	32.64	8.57	68.82	110.03	---	---	Peak
2483.58	32.57	8.58	23.54	64.69	74.00	9.31	Peak
2484.52	32.56	8.58	23.27	64.41	74.00	9.59	Peak



Antenna at Horizontal Polarization

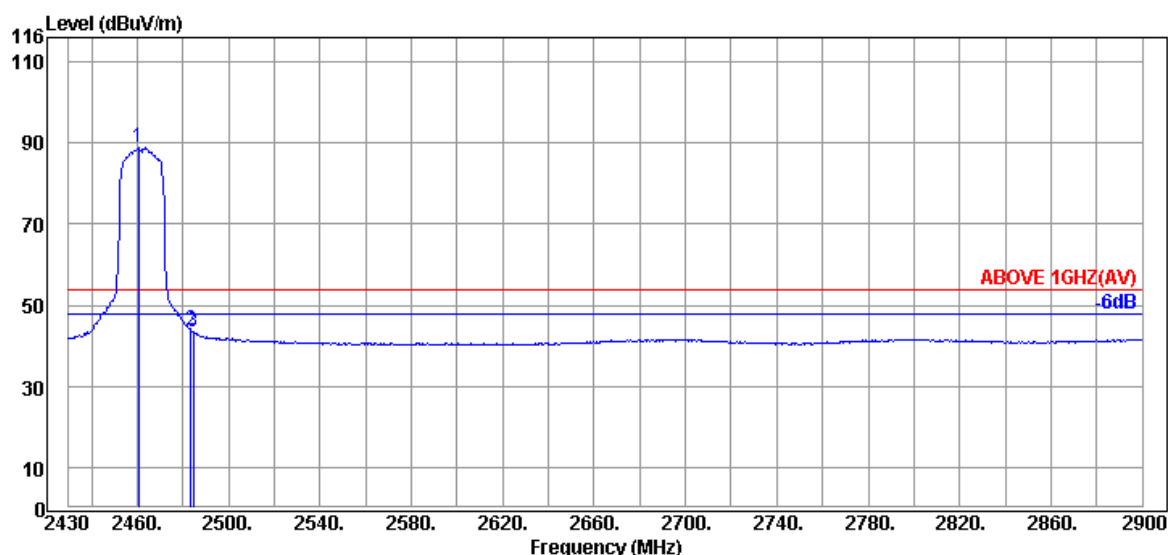
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2461.02	32.66	8.57	58.46	99.69	---	---	Average
2483.58	32.57	8.58	10.82	51.97	54.00	2.03	Average
2484.52	32.56	8.58	9.86	51.00	54.00	3.00	Average

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



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2463.37	32.65	8.57	57.38	98.60	---	---	Peak
2483.58	32.57	8.58	14.39	55.54	74.00	18.46	Peak
2485.93	32.56	8.58	17.12	58.26	74.00	15.74	Peak



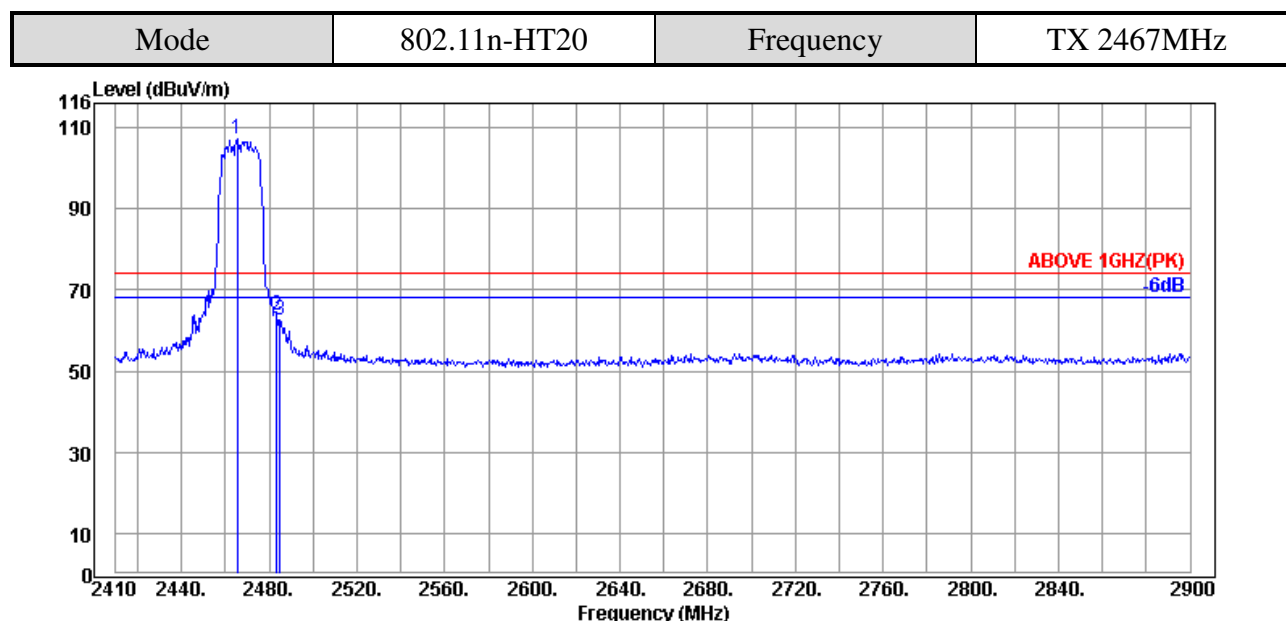
Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2460.55	32.66	8.57	47.63	88.86	---	---	Average
2483.58	32.57	8.58	2.81	43.96	54.00	10.04	Average
2484.52	32.56	8.58	2.20	43.34	54.00	10.66	Average

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

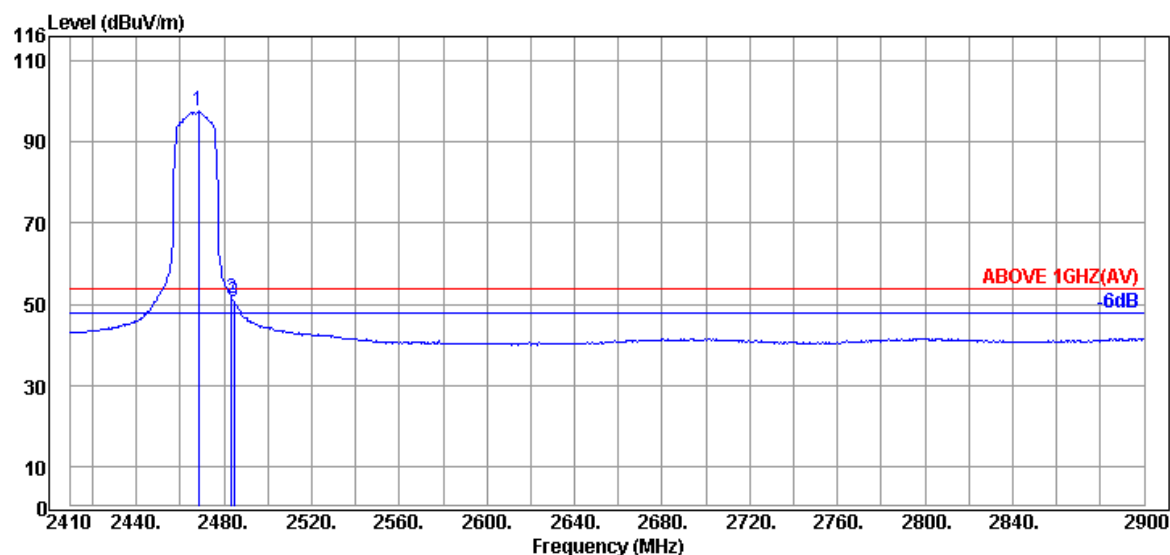
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2465.37	32.64	8.57	66.00	107.21	---	---	Peak
2483.50	32.57	8.58	22.47	63.62	74.00	10.38	Peak
2484.97	32.56	8.58	21.46	62.60	74.00	11.40	Peak



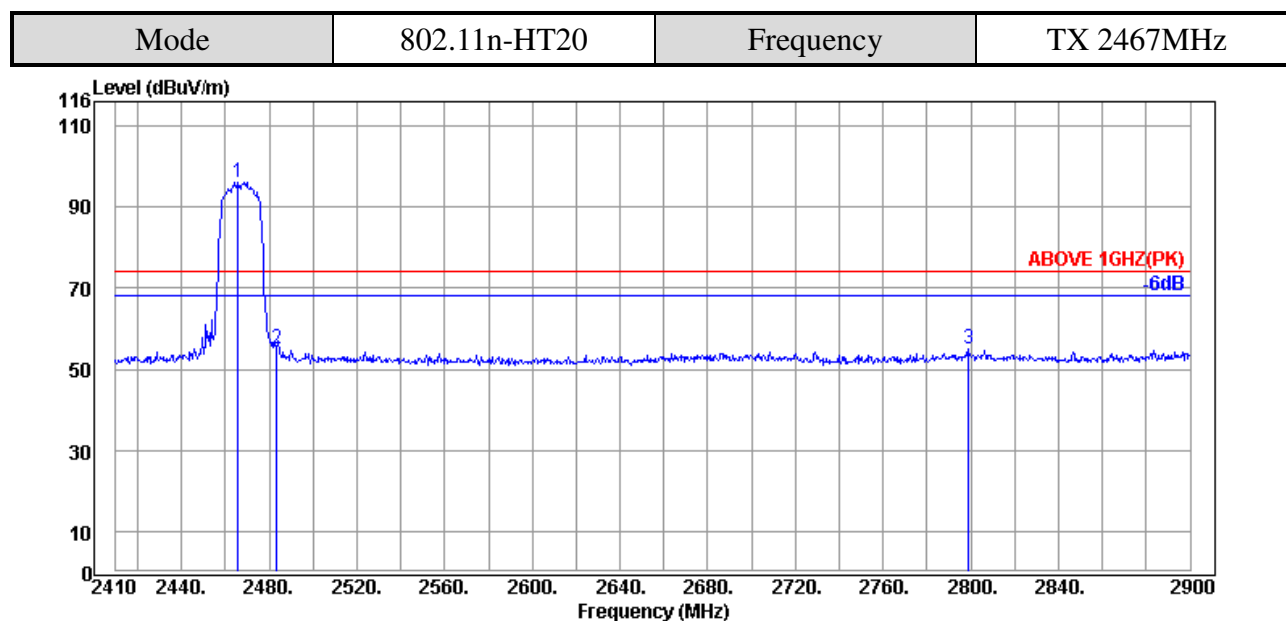
Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2468.31	32.63	8.57	56.35	97.55	---	---	Average
2483.50	32.57	8.58	10.32	51.47	54.00	2.53	Average
2484.48	32.56	8.58	9.50	50.64	54.00	3.36	Average

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

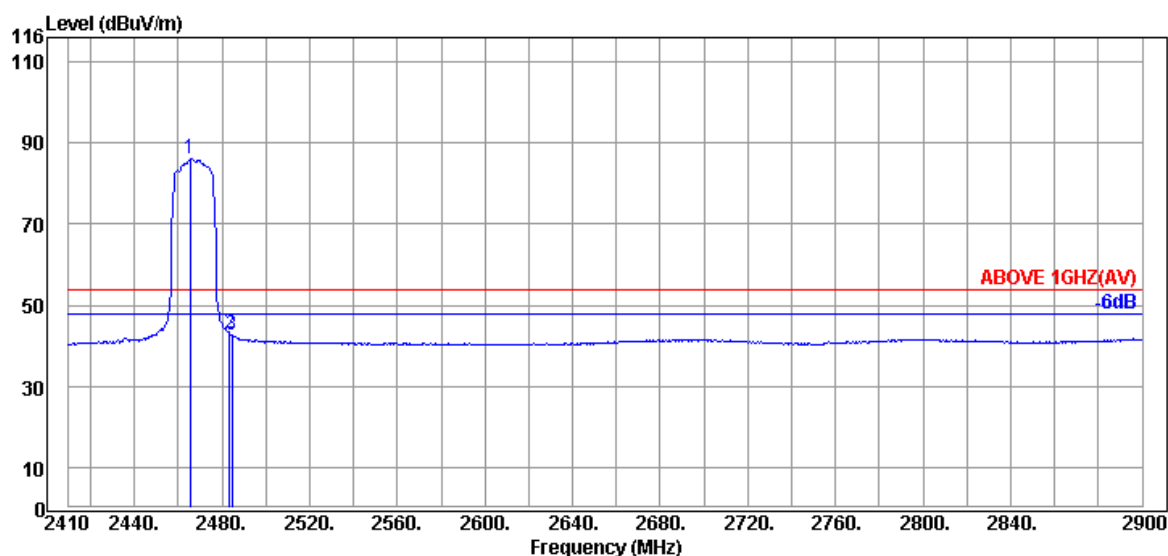
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Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2465.86	32.64	8.57	55.03	96.24	---	---	Peak
2483.50	32.57	8.58	13.75	54.90	74.00	19.10	Peak
2799.06	32.89	8.66	13.61	55.16	74.00	18.84	Peak



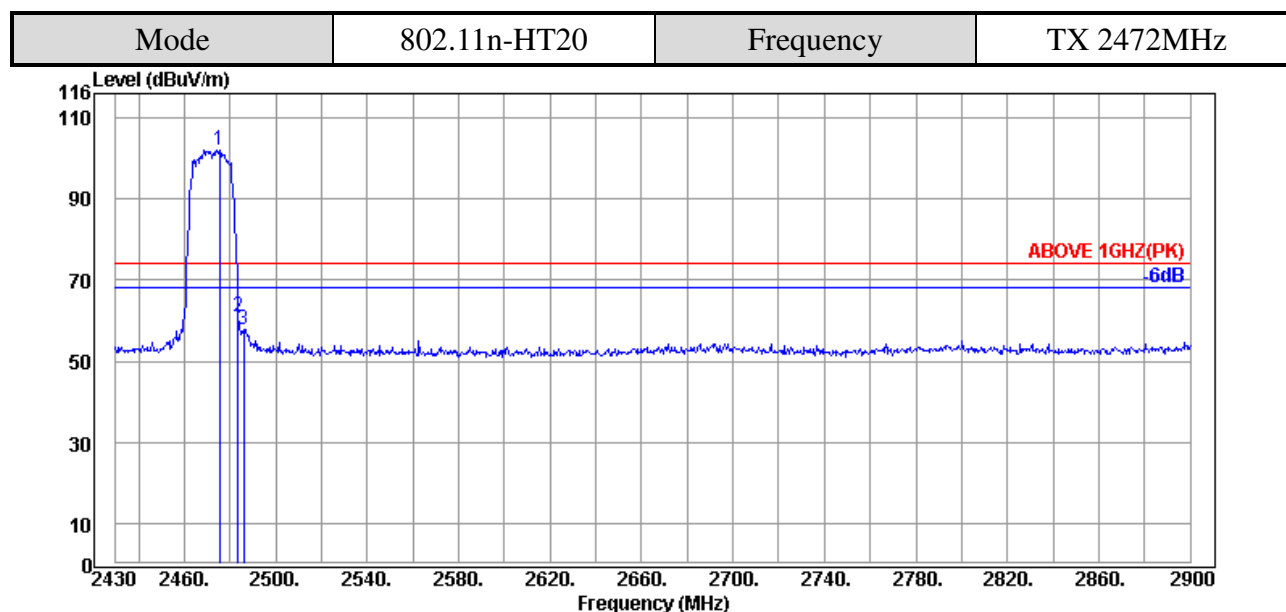
Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2465.37	32.64	8.57	44.96	86.17	---	---	Average
2483.50	32.57	8.58	1.85	43.00	54.00	11.00	Average
2484.48	32.56	8.58	1.42	42.56	54.00	11.44	Average

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

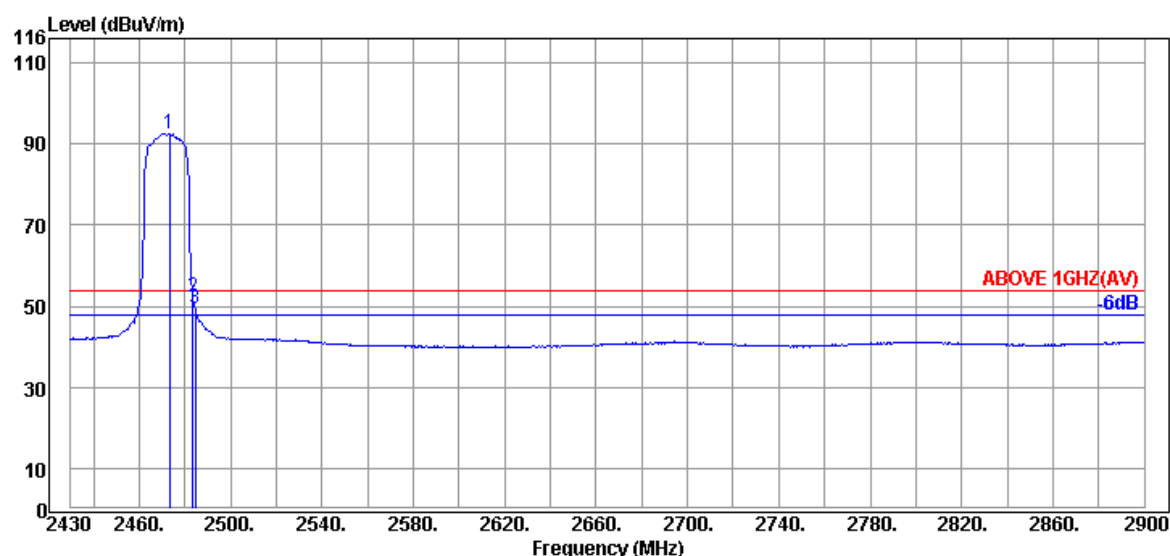
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2475.59	32.60	8.58	61.00	102.18	---	---	Peak
2483.58	32.57	8.58	19.80	60.95	74.00	13.05	Peak
2485.93	32.56	8.58	16.78	57.92	74.00	16.08	Peak



Antenna at Horizontal Polarization

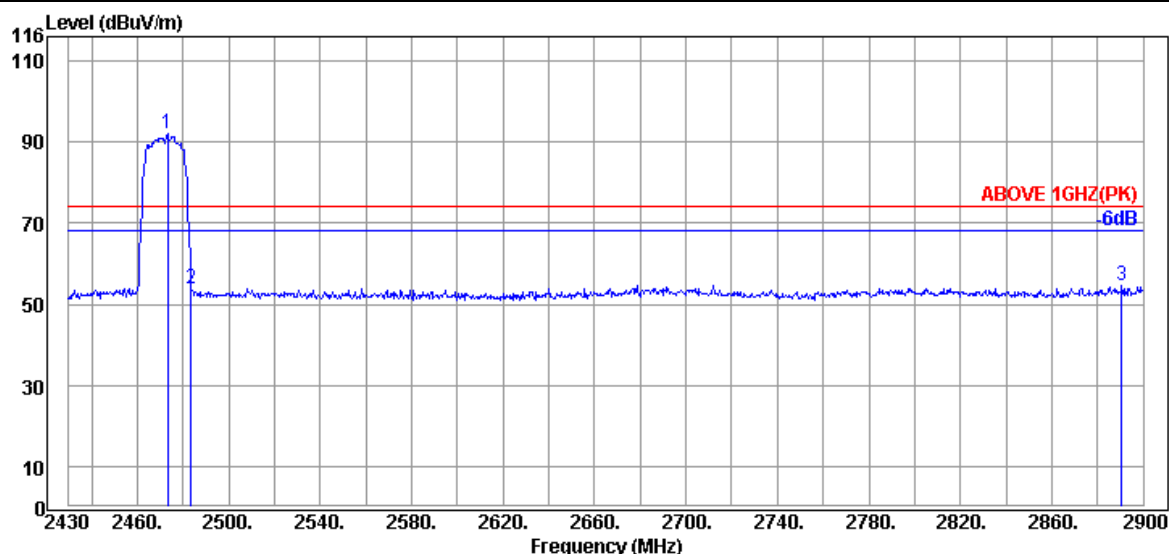
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2473.24	32.61	8.58	51.40	92.59	---	---	Average
2483.58	32.57	8.58	10.89	52.04	54.00	1.96	Average
2484.52	32.56	8.58	8.15	49.29	54.00	4.71	Average

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

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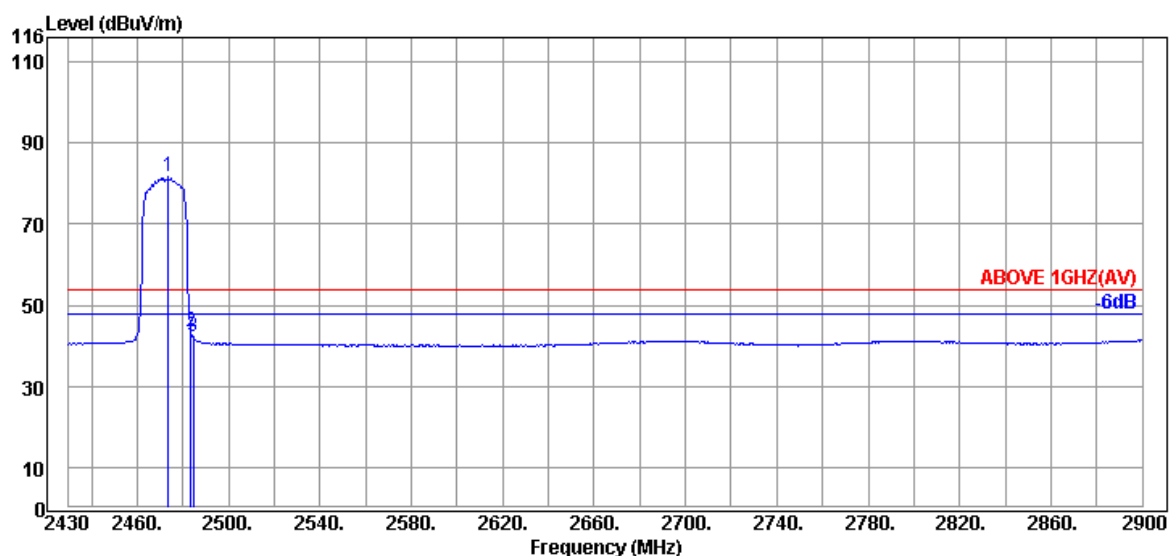
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Mode	802.11n-HT20	Frequency	TX 2472MHz
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Antenna at Vertical Polarization

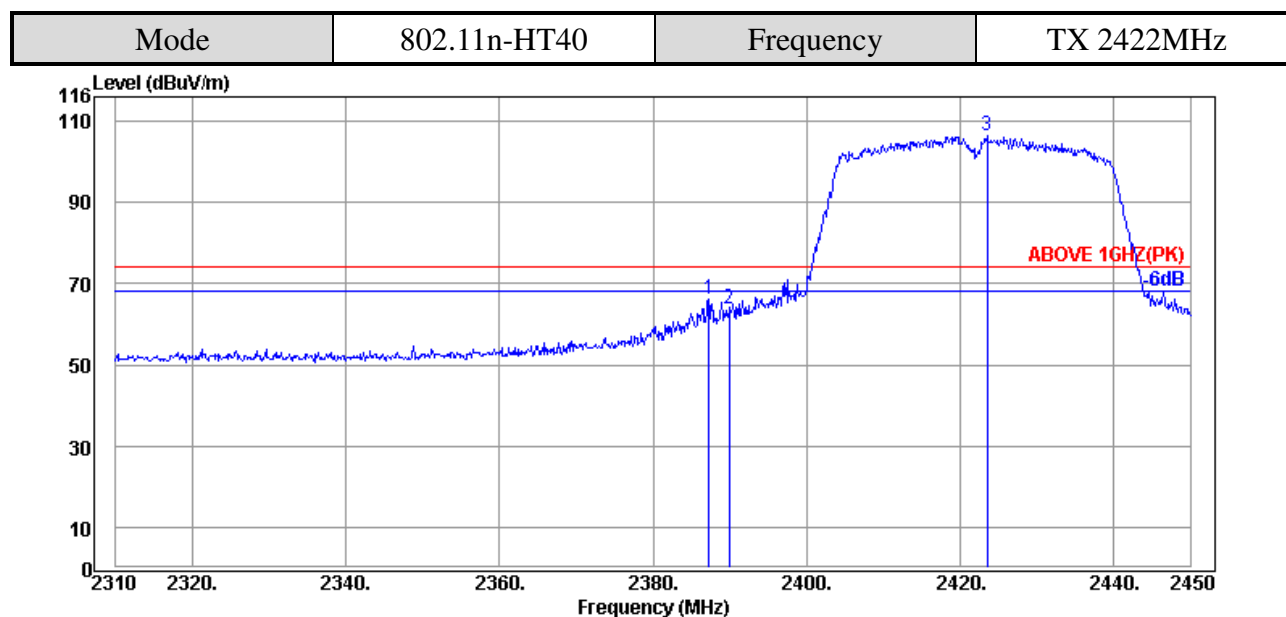
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2473.24	32.61	8.58	50.85	92.04	---	---	Peak
2483.58	32.57	8.58	12.53	53.68	74.00	20.32	Peak
2890.60	32.94	8.68	13.15	54.77	74.00	19.23	Peak



Antenna at Vertical Polarization

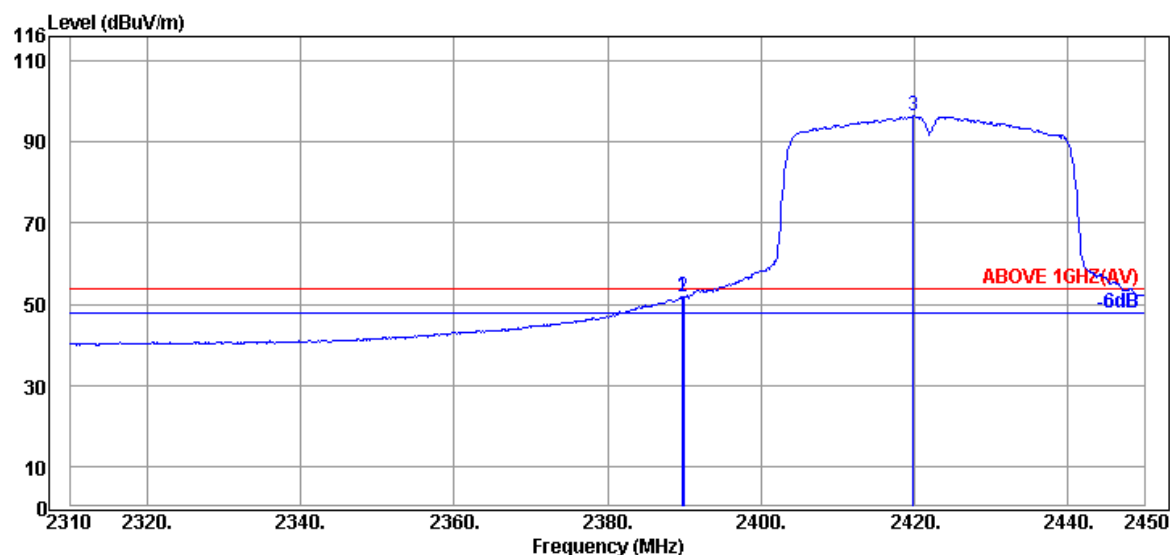
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2473.71	32.61	8.58	40.34	81.53	---	---	Average
2483.58	32.57	8.58	2.26	43.41	54.00	10.59	Average
2484.52	32.56	8.58	1.03	42.17	54.00	11.83	Average

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



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2387.28	32.00	8.52	25.45	65.97	74.00	8.03	Peak
2389.94	32.00	8.52	23.38	63.90	74.00	10.10	Peak
@ 2423.54	32.33	8.54	65.64	106.51	---	---	Peak



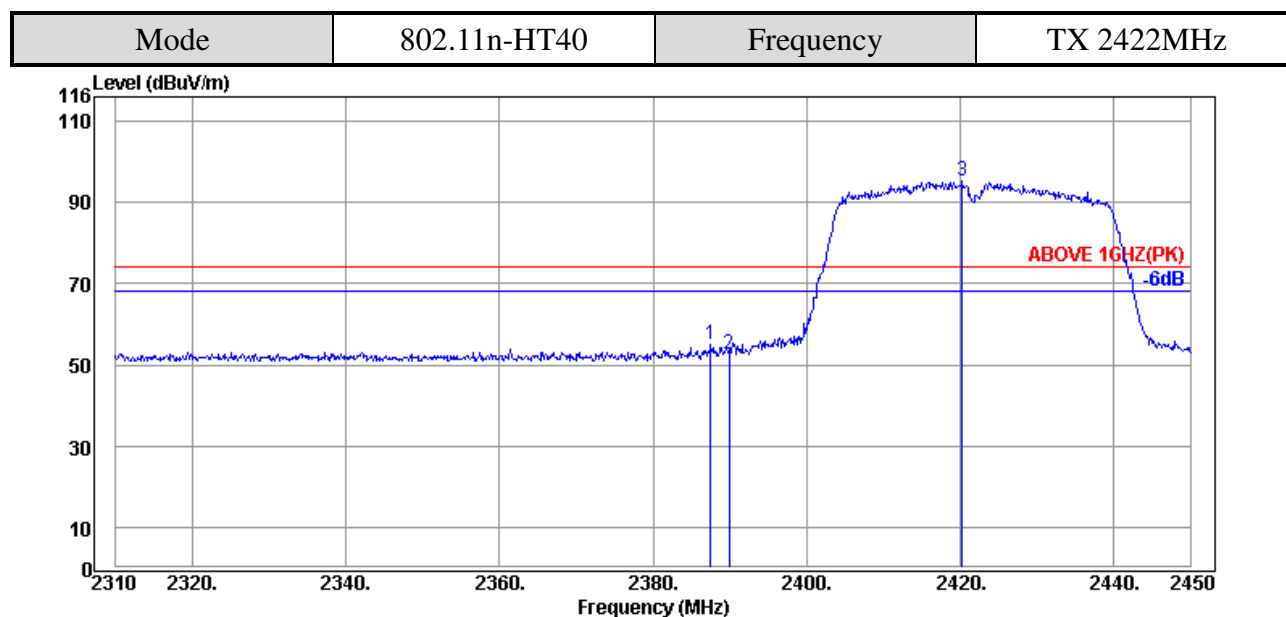
Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2389.80	32.00	8.52	11.49	52.01	54.00	1.99	Average
2389.94	32.00	8.52	11.43	51.95	54.00	2.05	Average
@ 2419.90	32.28	8.54	55.64	96.46	---	---	Average

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

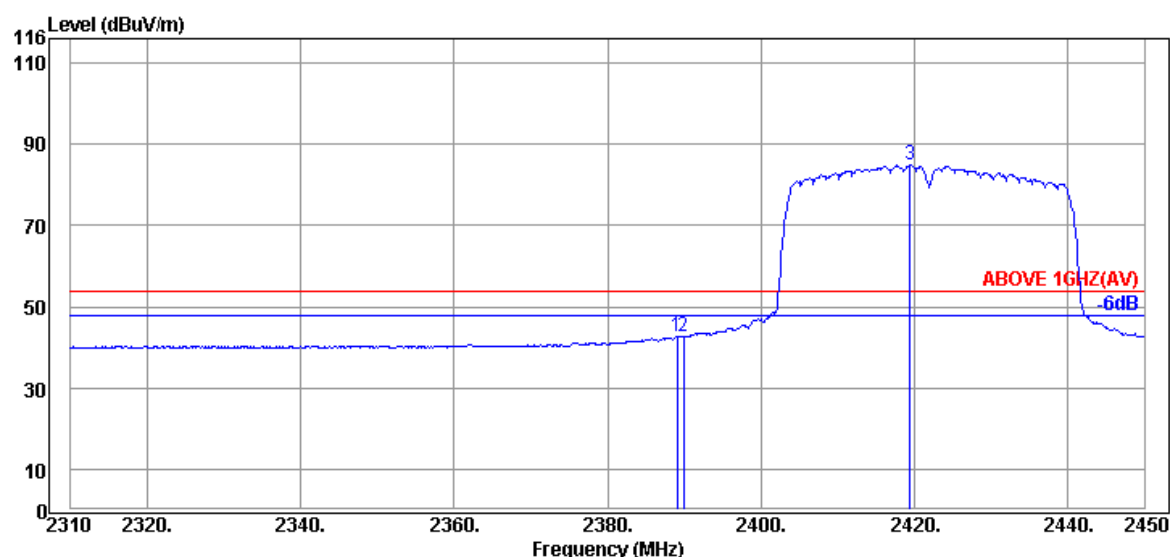
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Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2387.56	32.00	8.52	14.43	54.95	74.00	19.05	Peak
2389.94	32.00	8.52	11.97	52.49	74.00	21.51	Peak
@ 2420.32	32.28	8.54	54.43	95.25	---	---	Peak



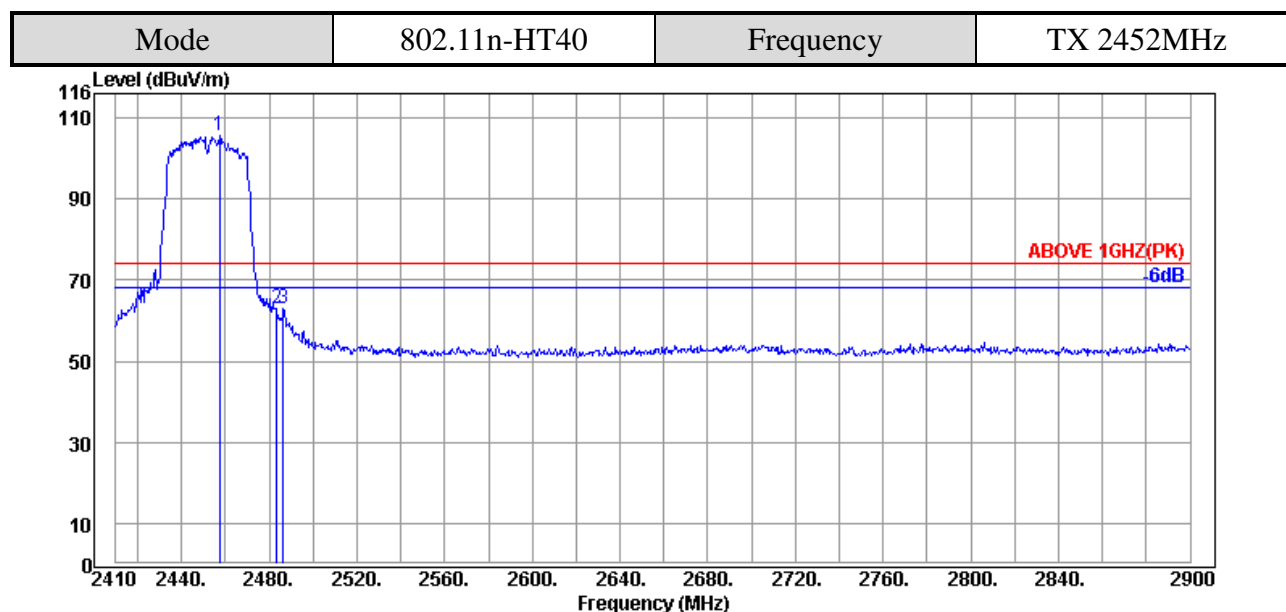
Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2389.10	32.00	8.52	2.13	42.65	54.00	11.35	Average
2389.94	32.00	8.52	2.11	42.63	54.00	11.37	Average
@ 2419.48	32.27	8.53	44.19	84.99	---	---	Average

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

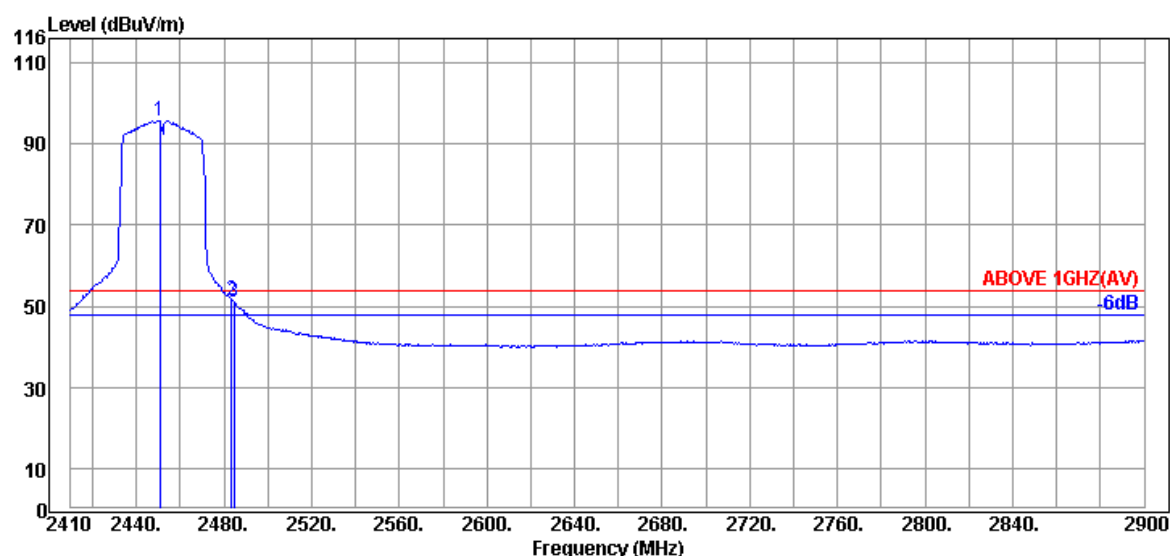
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2457.53	32.67	8.57	64.30	105.54	---	---	Peak
2483.50	32.57	8.58	21.66	62.81	74.00	11.19	Peak
2486.44	32.55	8.58	21.78	62.91	74.00	11.09	Peak



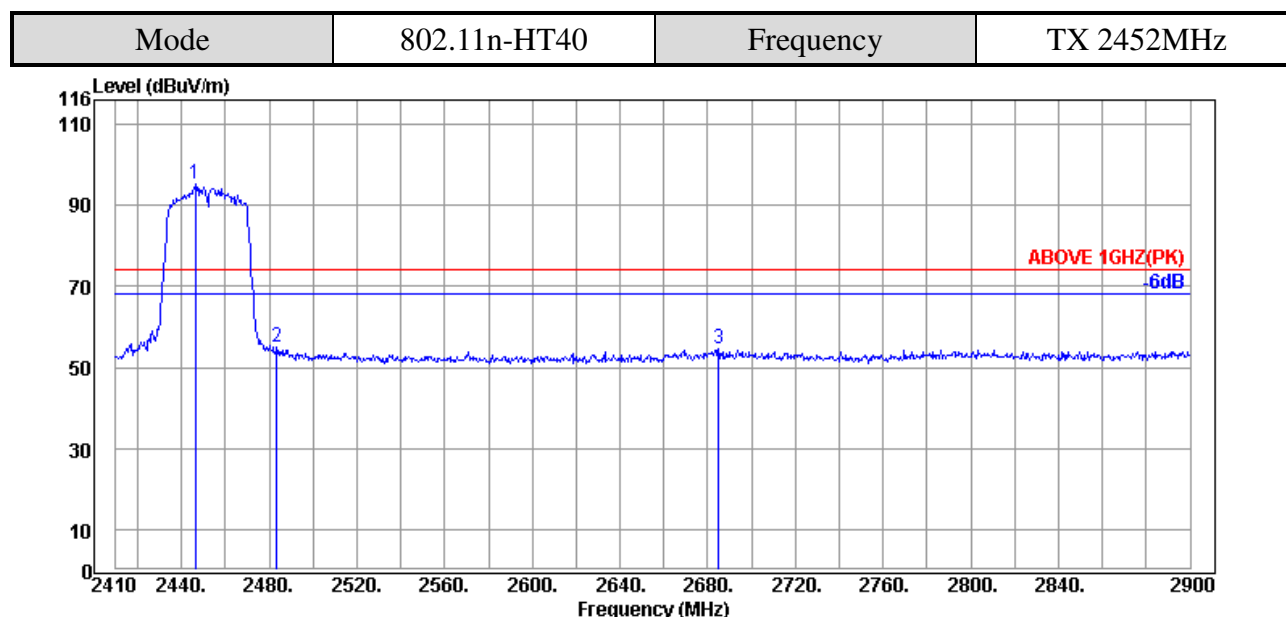
Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2450.67	32.70	8.55	54.52	95.77	---	---	Average
2483.50	32.57	8.58	10.36	51.51	54.00	2.49	Average
2484.48	32.56	8.58	9.92	51.06	54.00	2.94	Average

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

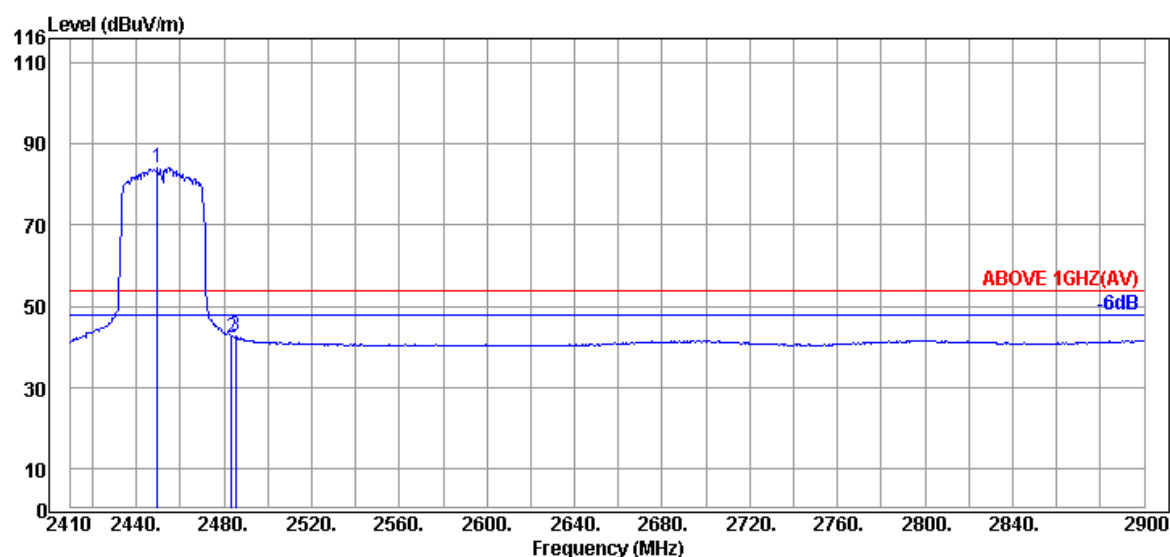
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Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2446.26	32.65	8.55	54.17	95.37	---	---	Peak
2483.50	32.57	8.58	13.71	54.86	74.00	19.14	Peak
2684.89	32.56	8.63	13.36	54.55	74.00	19.45	Peak



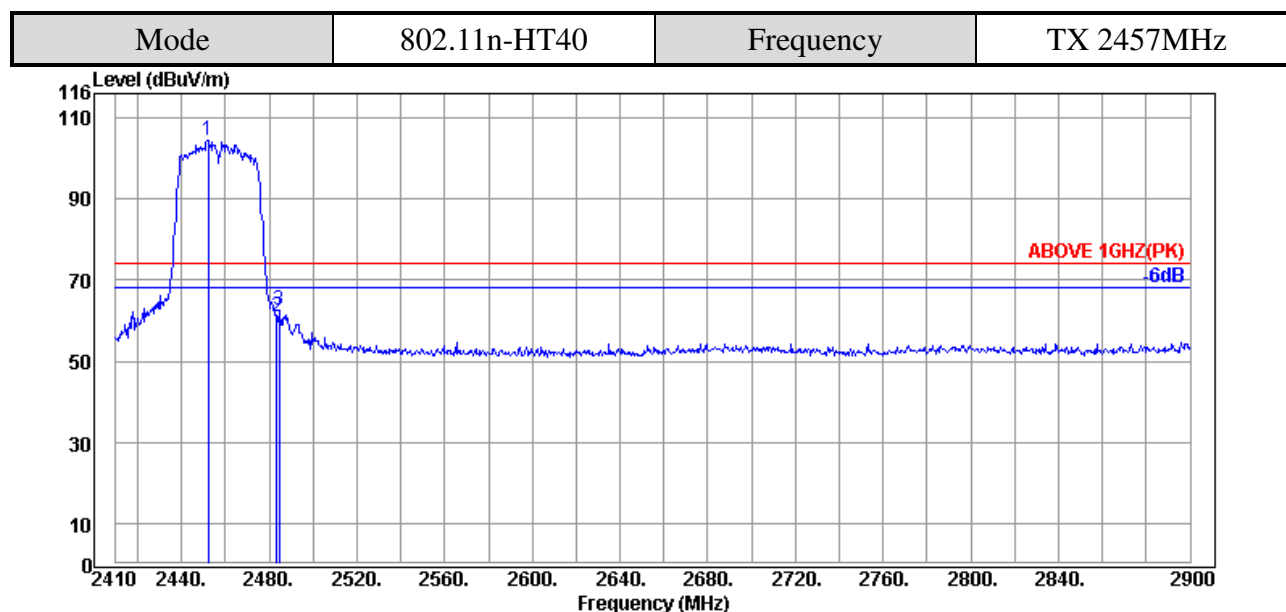
Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2449.69	32.70	8.55	42.96	84.21	---	---	Average
2483.50	32.57	8.58	1.24	42.39	54.00	11.61	Average
2485.46	32.56	8.58	1.33	42.47	54.00	11.53	Average

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

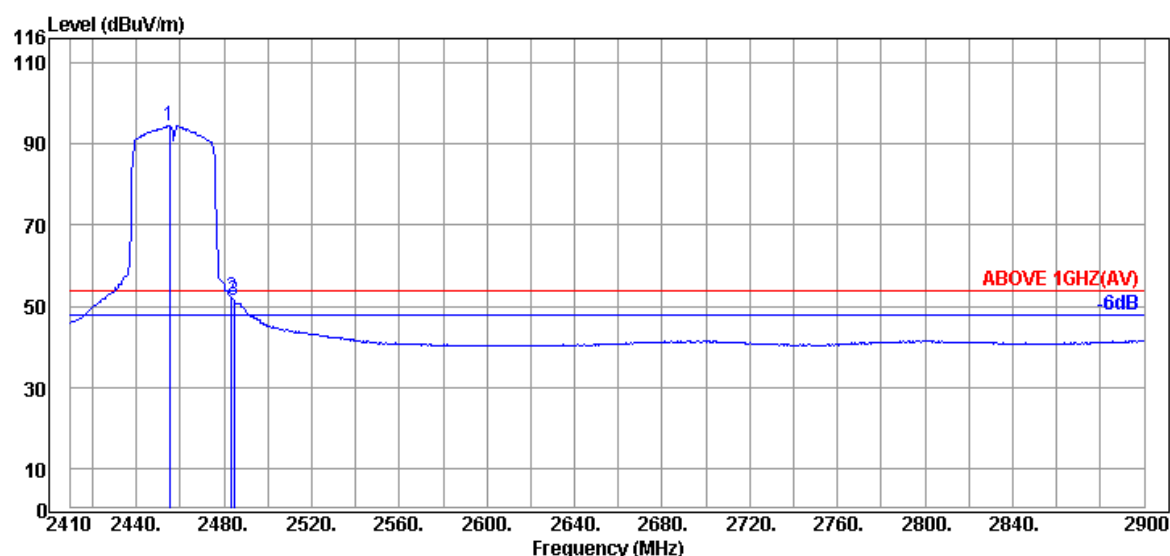
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2452.14	32.69	8.55	63.21	104.45	---	---	Peak
2483.50	32.57	8.58	20.01	61.16	74.00	12.84	Peak
2484.48	32.56	8.58	21.31	62.45	74.00	11.55	Peak



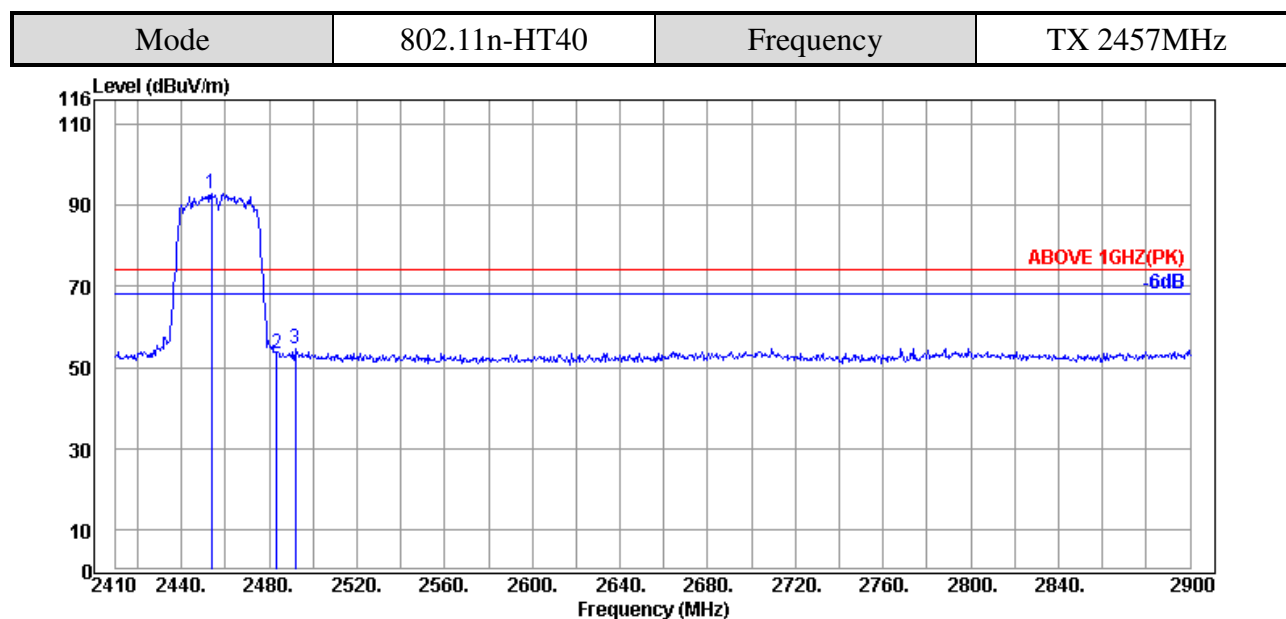
Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2455.08	32.68	8.57	53.30	94.55	---	---	Average
2483.50	32.57	8.58	11.13	52.28	54.00	1.72	Average
2484.48	32.56	8.58	10.29	51.43	54.00	2.57	Average

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

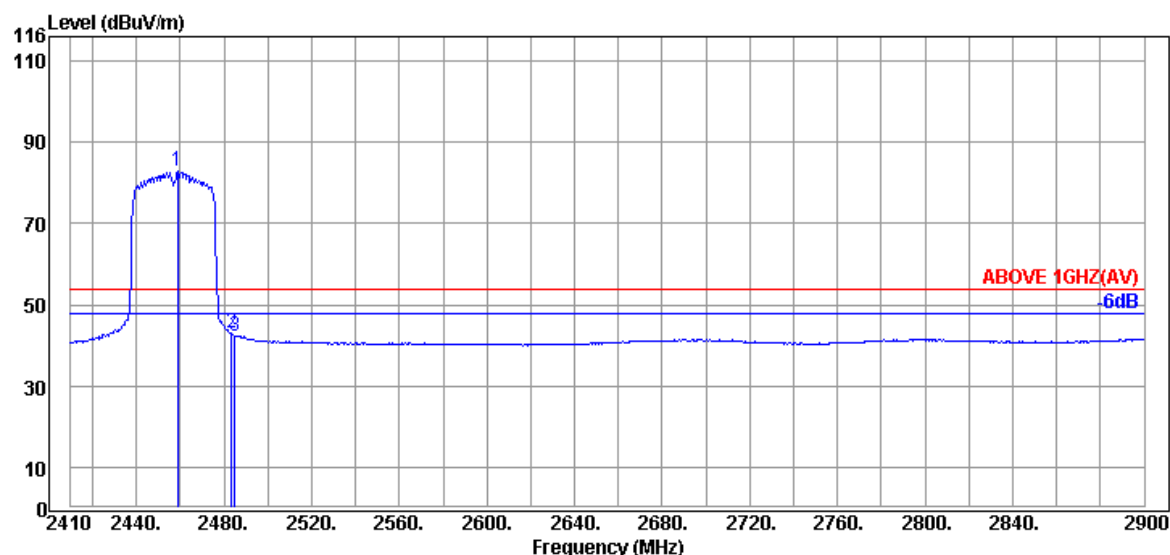
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Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2453.61	32.69	8.57	51.72	92.98	---	---	Peak
2483.50	32.57	8.58	12.37	53.52	74.00	20.48	Peak
2491.83	32.53	8.59	13.56	54.68	74.00	19.32	Peak



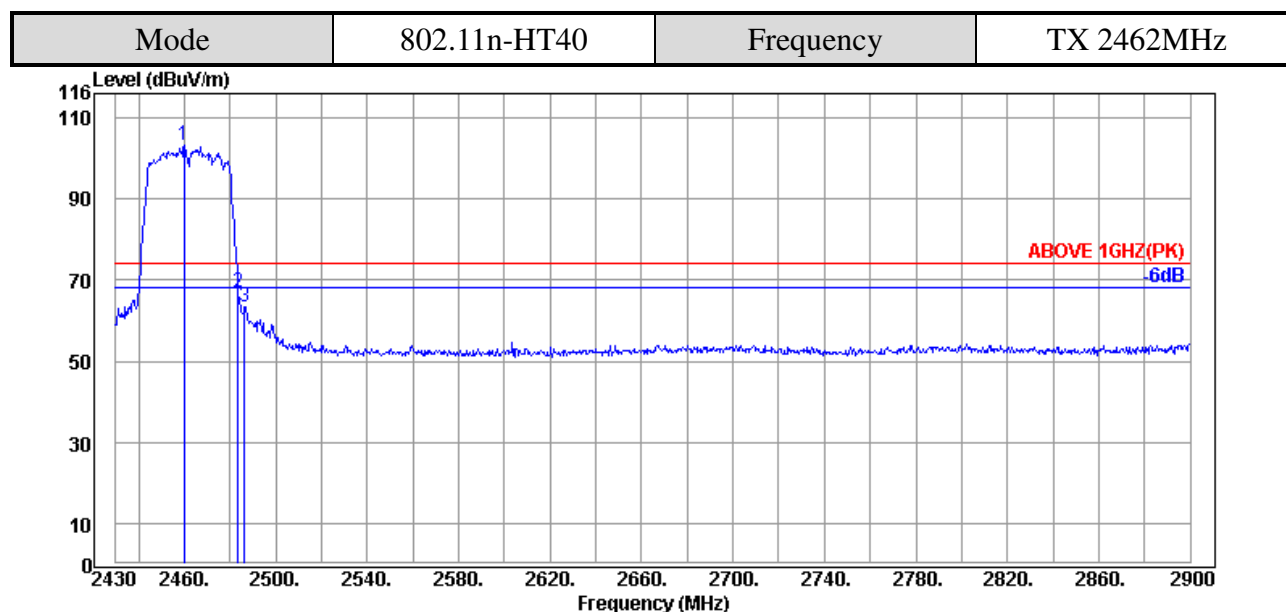
Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2459.00	32.66	8.57	41.69	82.92	---	---	Average
2483.50	32.57	8.58	1.85	43.00	54.00	11.00	Average
2484.97	32.56	8.58	1.30	42.44	54.00	11.56	Average

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

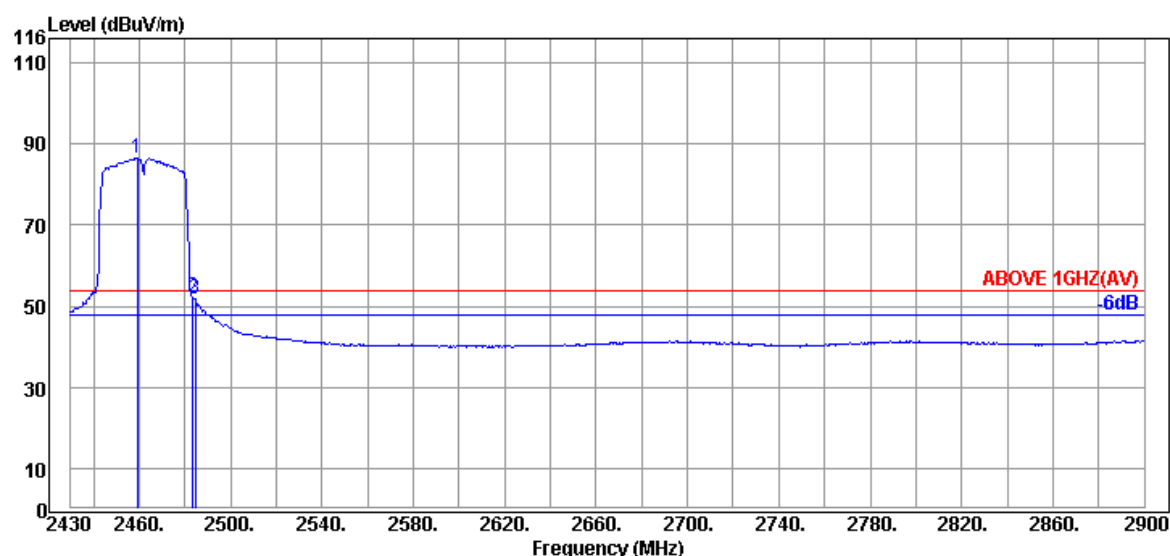
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2460.08	32.66	8.57	61.99	103.22	---	---	Peak
2483.58	32.57	8.58	25.88	67.03	74.00	6.97	Peak
2486.40	32.55	8.58	22.31	63.44	74.00	10.56	Peak



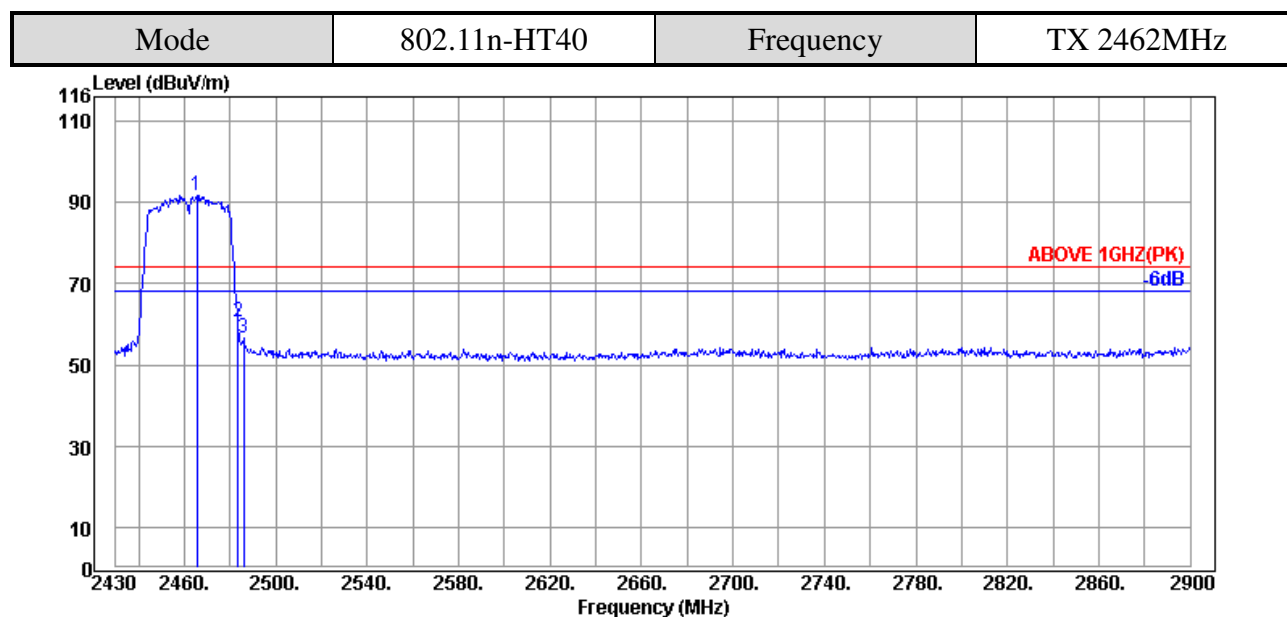
Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2459.14	32.66	8.57	45.31	86.54	---	---	Average
2483.58	32.57	8.58	10.99	52.14	54.00	1.86	Average
2484.52	32.56	8.58	10.75	51.89	54.00	2.11	Average

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

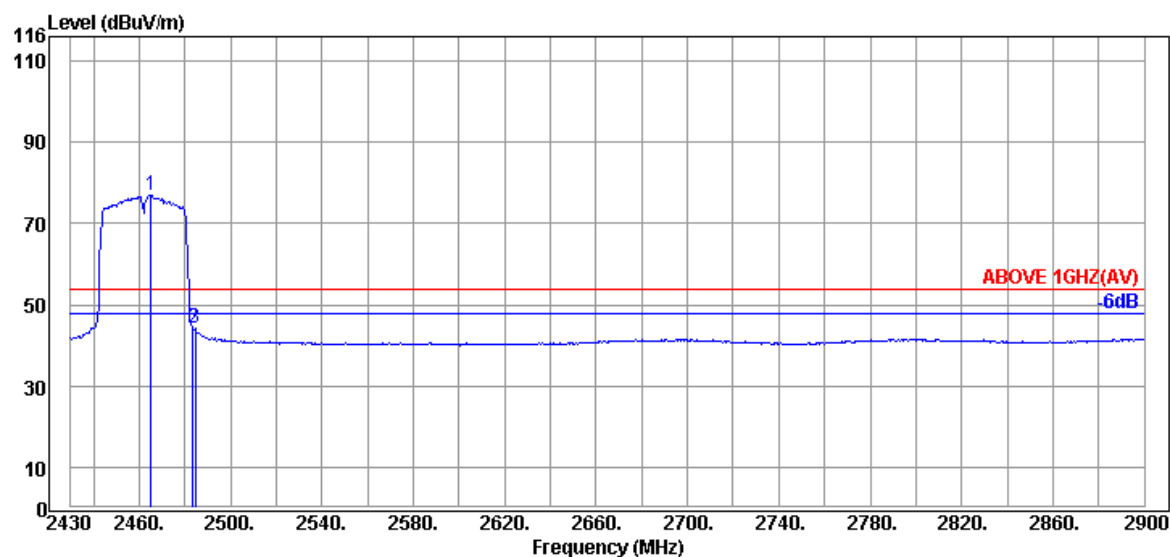
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Antenna at Vertical Polarization

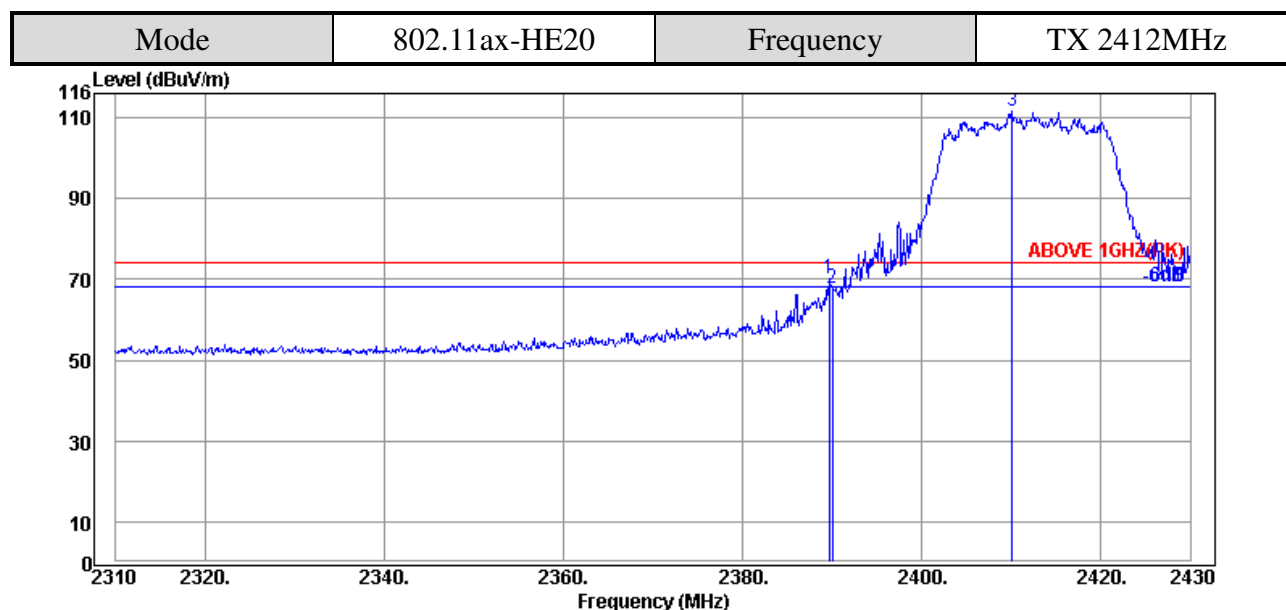
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2465.72	32.64	8.57	50.66	91.87	---	---	Peak
2483.58	32.57	8.58	19.34	60.49	74.00	13.51	Peak
2485.93	32.56	8.58	15.48	56.62	74.00	17.38	Peak



Antenna at Vertical Polarization

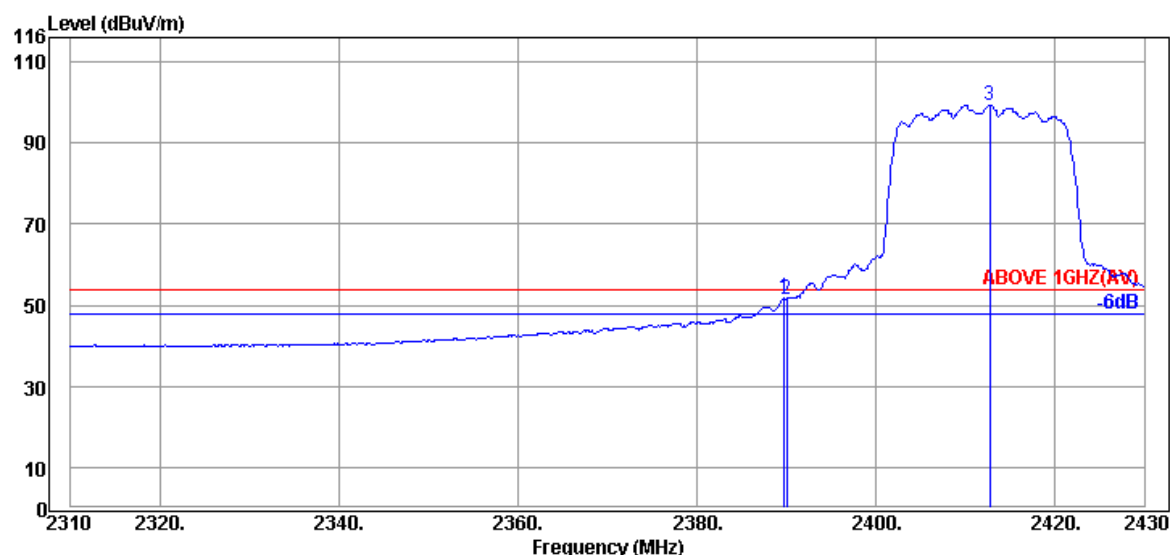
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2465.25	32.64	8.57	35.75	76.96	---	---	Average
2483.58	32.57	8.58	3.19	44.34	54.00	9.66	Average
2484.52	32.56	8.58	3.09	44.23	54.00	9.77	Average

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



Antenna at Horizontal Polarization

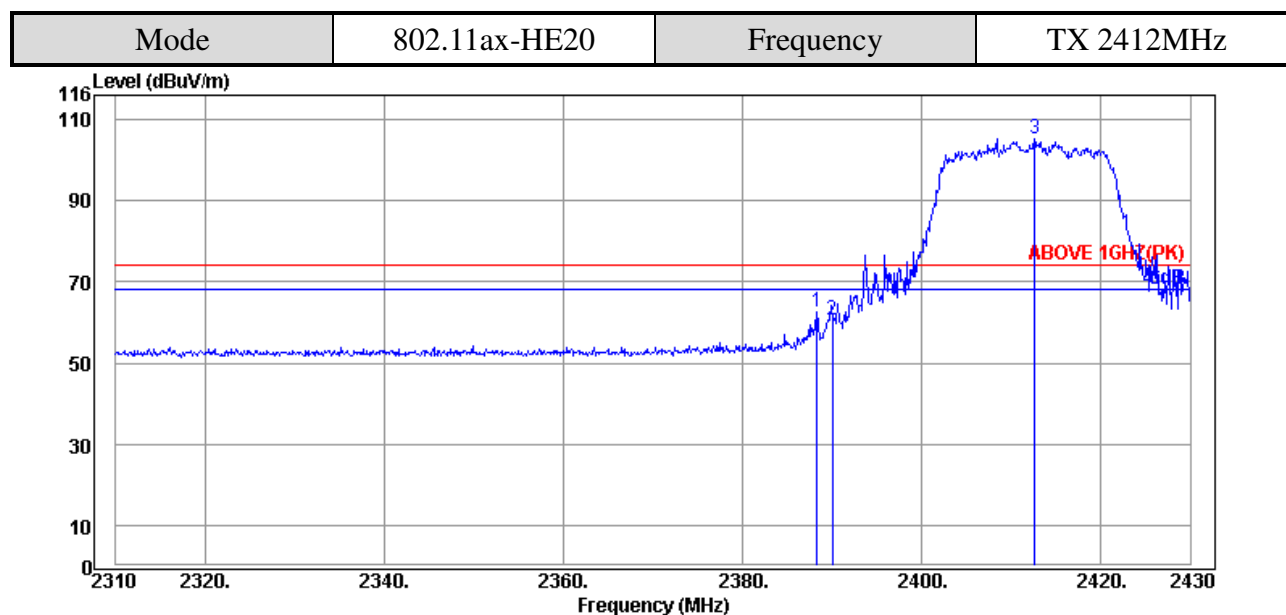
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2389.68	32.00	8.17	29.83	70.00	74.00	4.00	Peak
2390.04	32.00	8.17	27.42	67.59	74.00	6.41	Peak
@ 2410.08	32.23	8.18	71.22	111.63	---	---	Peak



Antenna at Horizontal Polarization

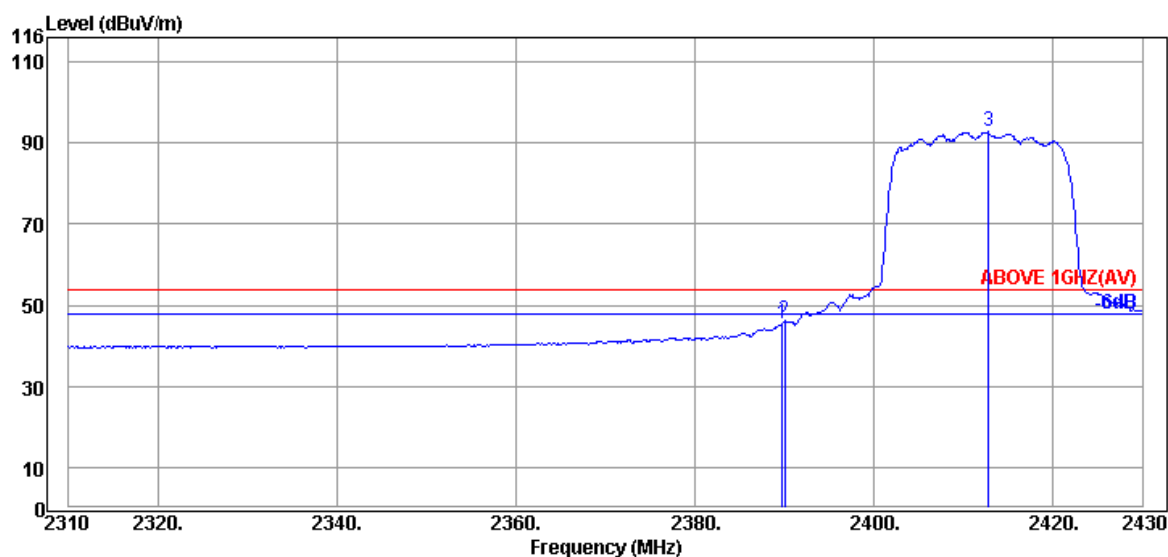
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2389.80	32.00	8.17	11.64	51.81	54.00	2.19	Average
2390.04	32.00	8.17	11.40	51.57	54.00	2.43	Average
@ 2412.72	32.23	8.18	58.93	99.34	---	---	Average

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



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2388.36	32.00	8.17	22.40	62.57	74.00	11.43	Peak
2390.04	32.00	8.17	20.29	60.46	74.00	13.54	Peak
@ 2412.60	32.23	8.18	64.89	105.30	---	---	Peak



Antenna at Vertical Polarization

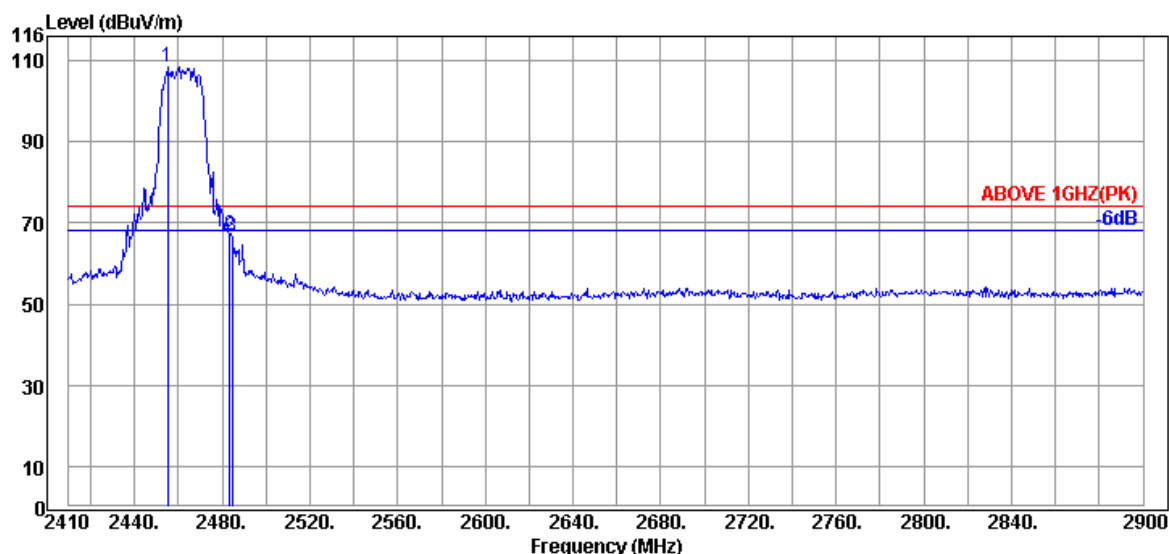
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2389.80	32.00	8.17	5.42	45.59	54.00	8.41	Average
2390.04	32.00	8.17	5.96	46.13	54.00	7.87	Average
@ 2412.84	32.23	8.18	52.31	92.72	---	---	Average

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

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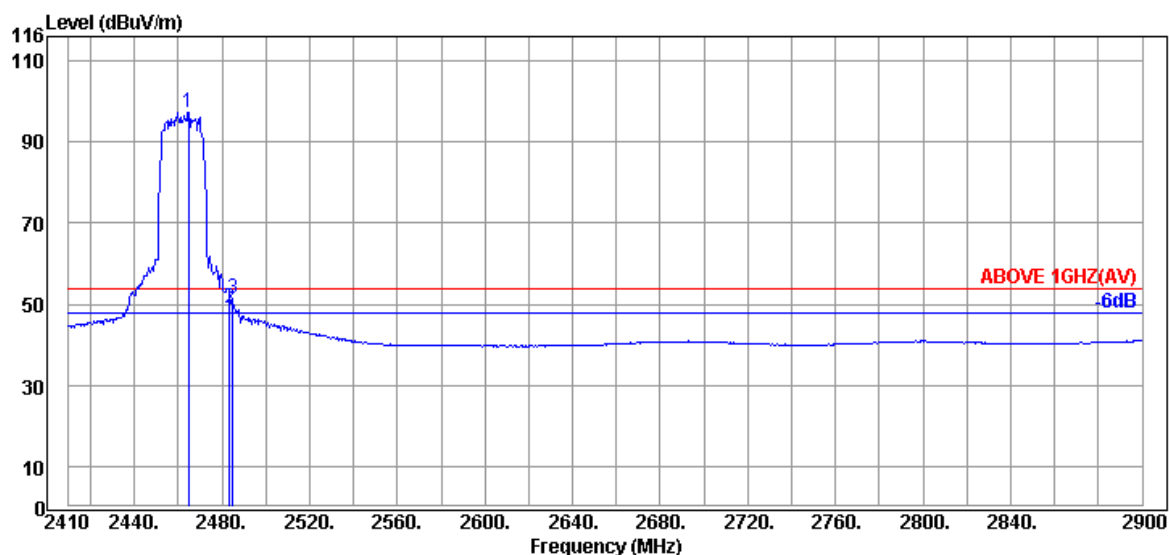
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Mode	802.11ax-HE20	Frequency	TX 2462MHz
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Antenna at Horizontal Polarization

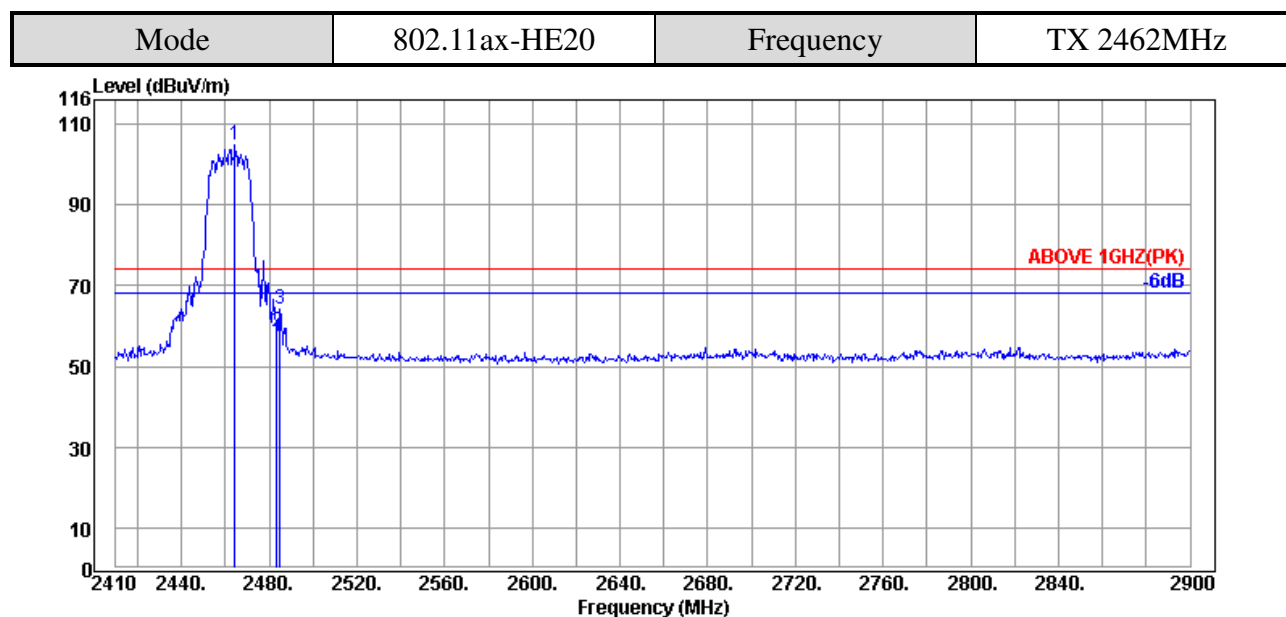
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
@ 2455.08	32.63	8.20	67.52	108.35	---	---	Peak
2483.50	32.57	8.20	26.35	67.12	74.00	6.88	Peak
2484.48	32.57	8.20	25.82	66.59	74.00	7.41	Peak



Antenna at Horizontal Polarization

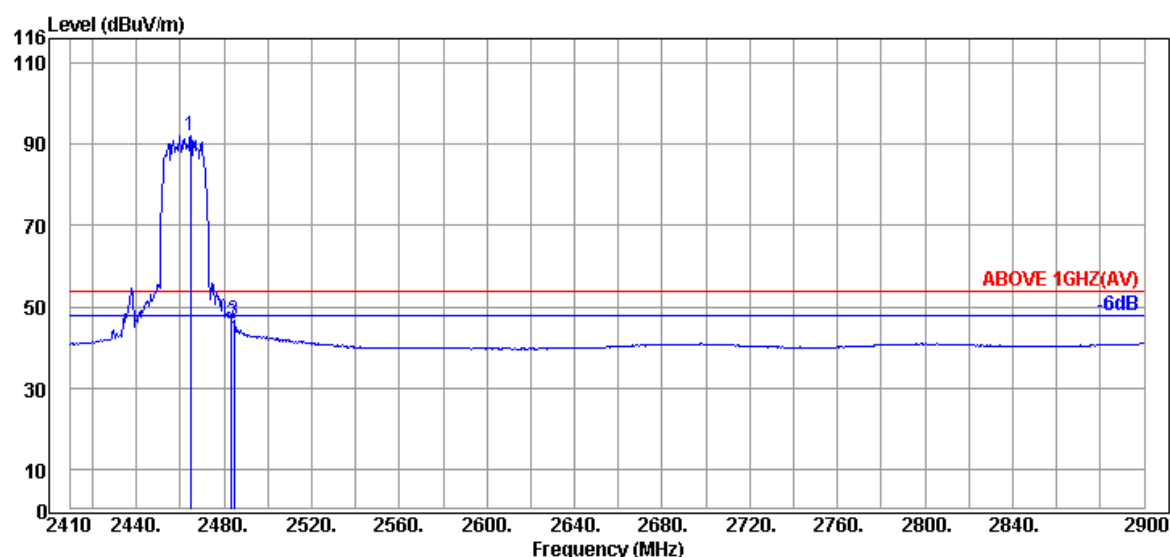
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
@ 2464.88	32.63	8.20	56.59	97.42	---	---	Average
2483.50	32.57	8.20	8.15	48.92	54.00	5.08	Average
2484.97	32.57	8.20	10.77	51.54	54.00	2.46	Average

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



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2464.39	32.63	8.20	63.99	104.82	---	---	Peak
2483.50	32.57	8.20	17.69	58.46	74.00	15.54	Peak
2484.97	32.57	8.20	23.44	64.21	74.00	9.79	Peak



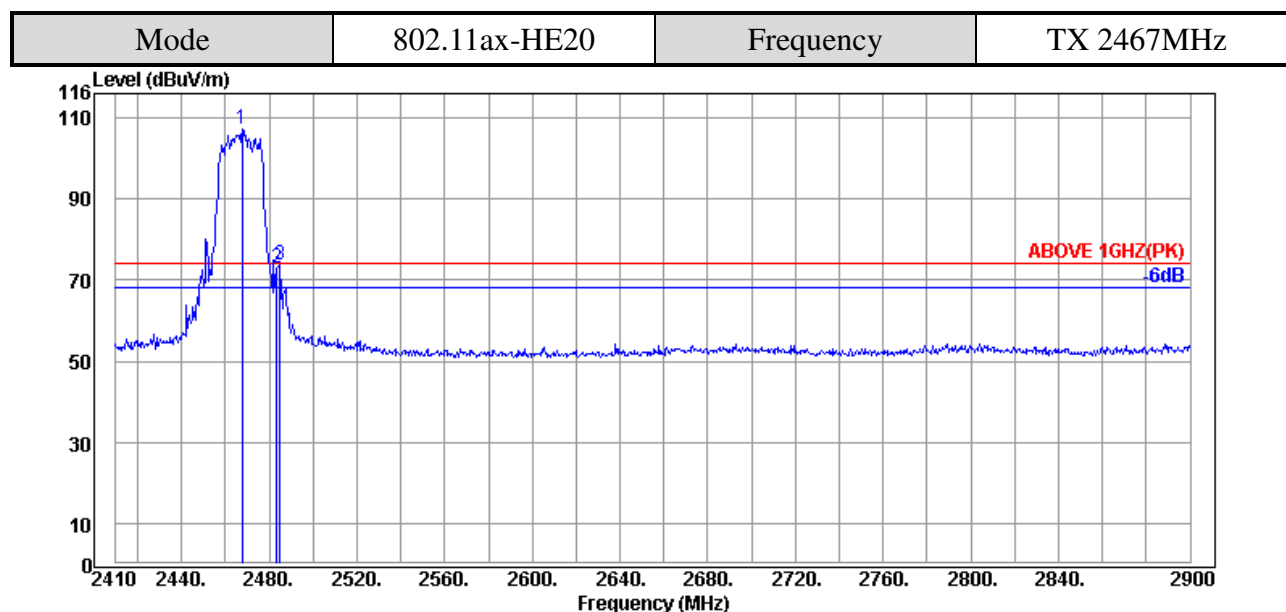
Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2464.88	32.63	8.20	51.32	92.15	---	---	Average
2483.50	32.57	8.20	5.14	45.91	54.00	8.09	Average
2484.48	32.57	8.20	6.01	46.78	54.00	7.22	Average

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

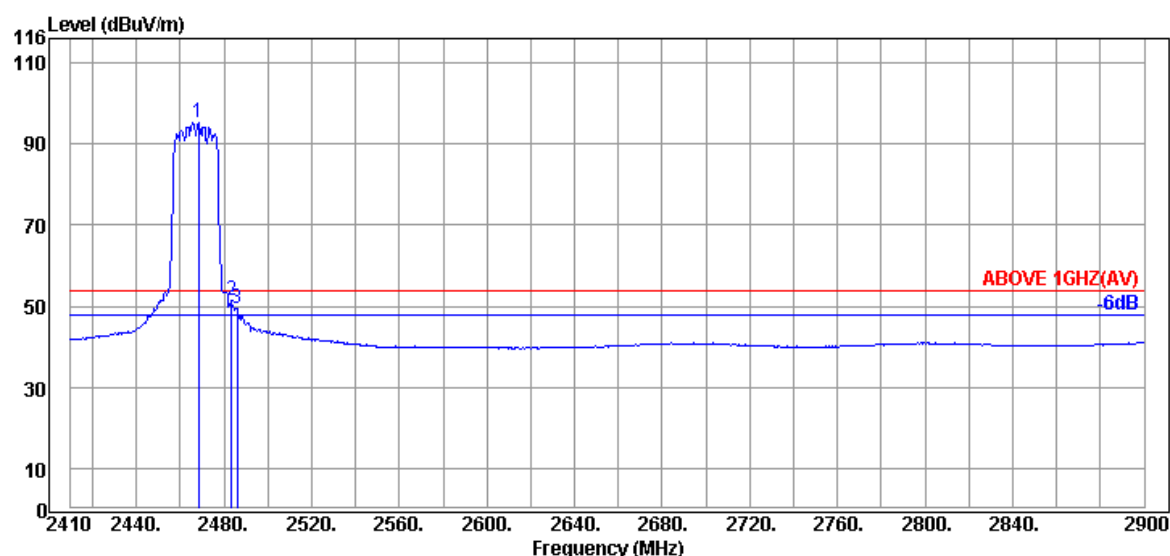
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2467.82	32.63	8.57	66.04	107.24	---	---	Peak
2483.50	32.57	8.58	29.65	70.80	74.00	3.20	Peak
2484.97	32.56	8.58	30.68	71.82	74.00	2.18	Peak



Antenna at Horizontal Polarization

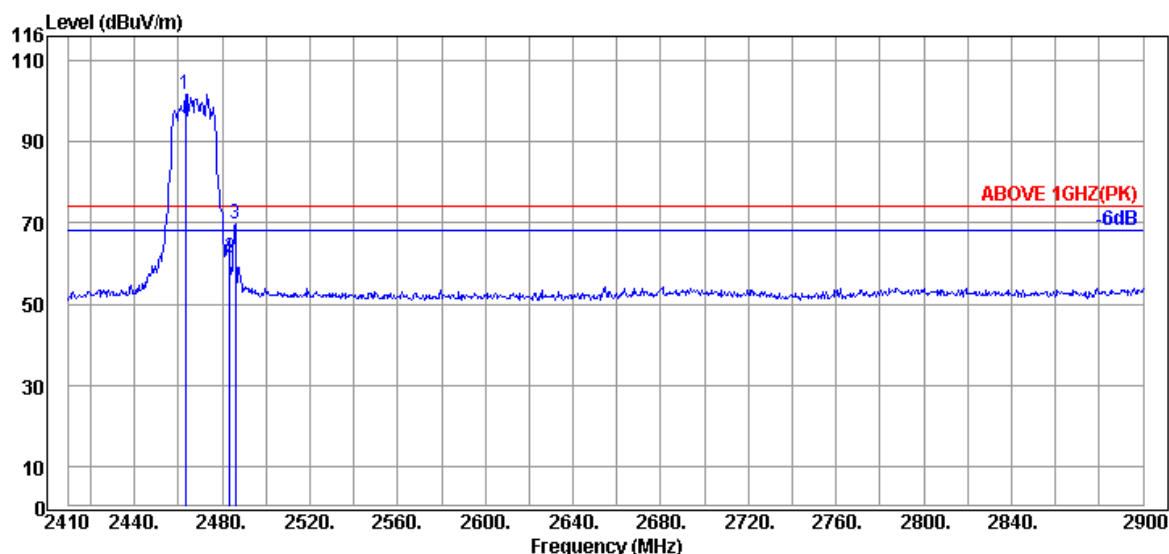
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2468.31	32.63	8.20	54.55	95.38	---	---	Average
2483.50	32.57	8.20	10.82	51.59	54.00	2.41	Average
2485.95	32.57	8.20	8.75	49.52	54.00	4.48	Average

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

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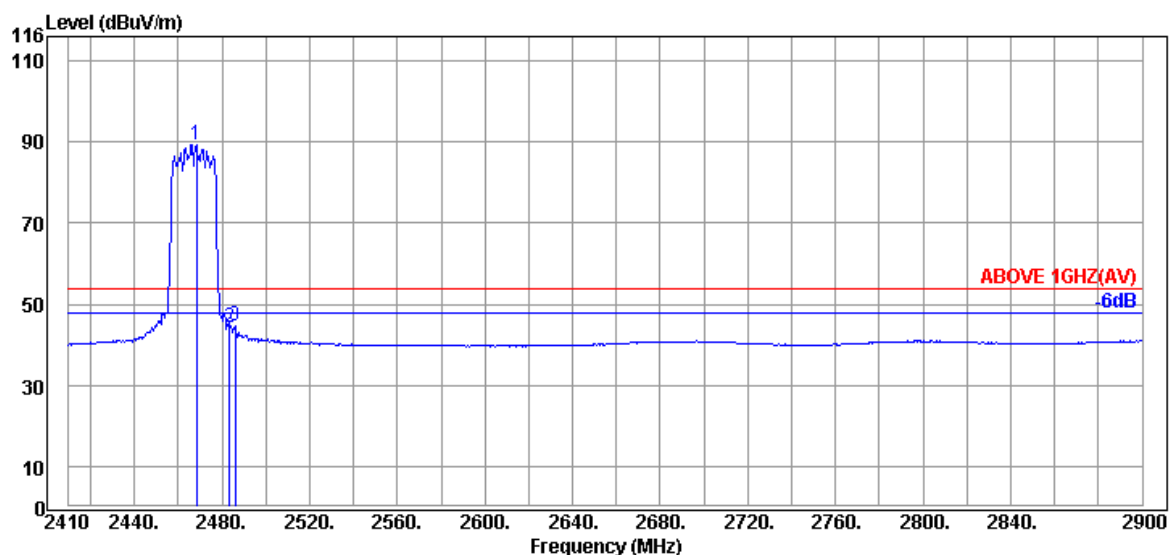
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Mode	802.11ax-HE20	Frequency	TX 2467MHz
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Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
@ 2463.41	32.63	8.20	60.89	101.72	---	---	Peak
2483.50	32.57	8.20	20.65	61.42	74.00	12.58	Peak
2485.95	32.57	8.20	29.12	69.89	74.00	4.11	Peak



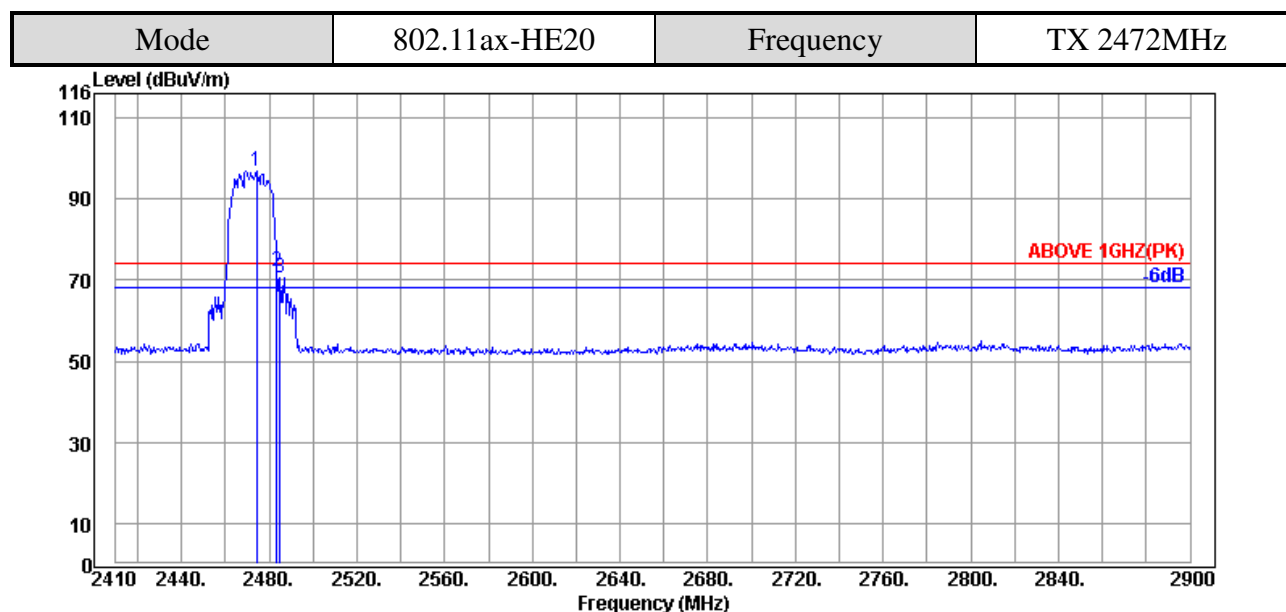
Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
@ 2468.31	32.63	8.20	48.48	89.31	---	---	Average
2483.50	32.57	8.20	3.66	44.43	54.00	9.57	Average
2485.95	32.57	8.20	4.06	44.83	54.00	9.17	Average

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

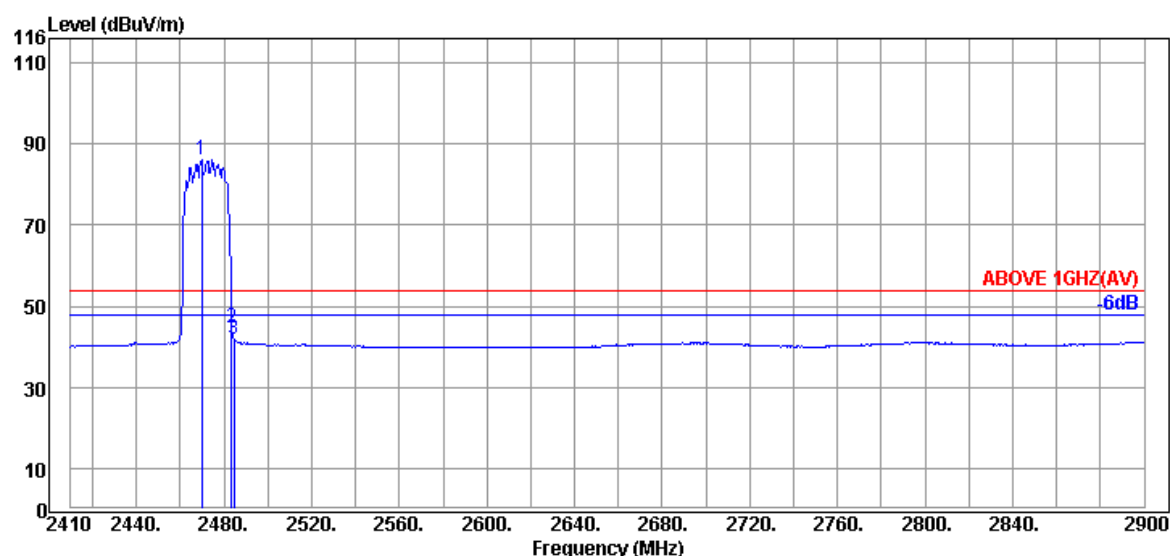
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2474.19	32.57	8.20	55.98	96.75	---	---	Peak
2483.50	32.57	8.20	31.51	72.28	74.00	1.72	Peak
2484.97	32.57	8.20	29.77	70.54	74.00	3.46	Peak



Antenna at Horizontal Polarization

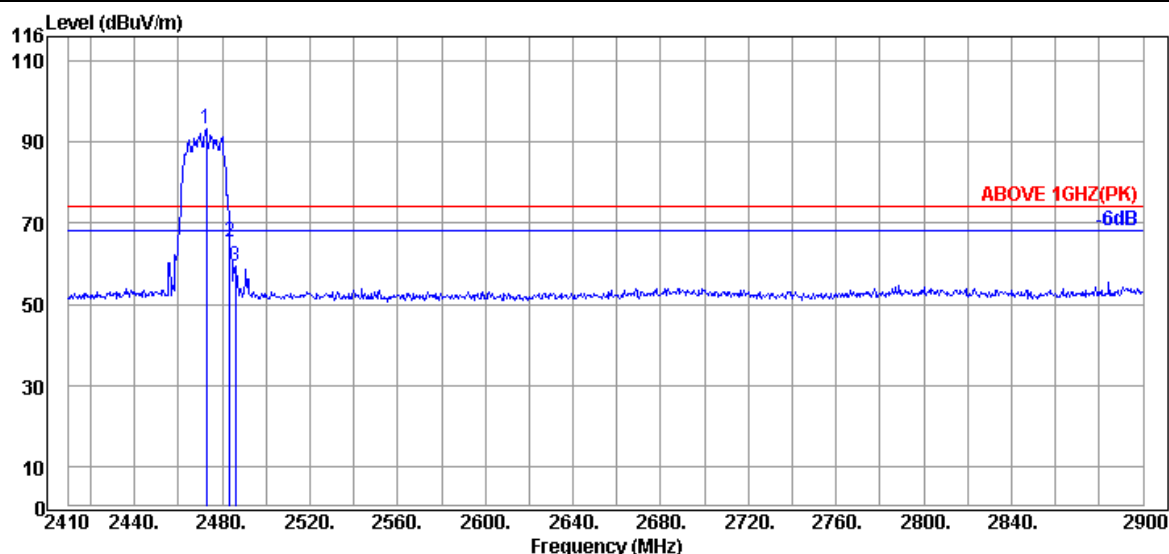
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2469.78	32.63	8.20	45.23	86.06	---	---	Average
2483.50	32.57	8.20	3.76	44.53	54.00	9.47	Average
2484.48	32.57	8.20	1.12	41.89	54.00	12.11	Average

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

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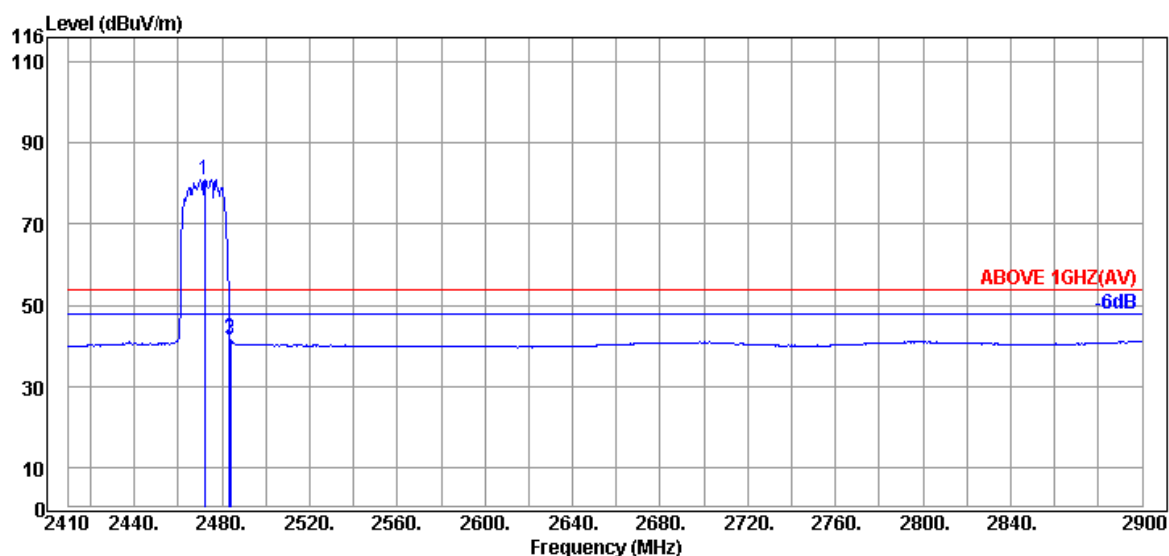
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Mode	802.11ax-HE20	Frequency	TX 2472MHz
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Antenna at Vertical Polarization

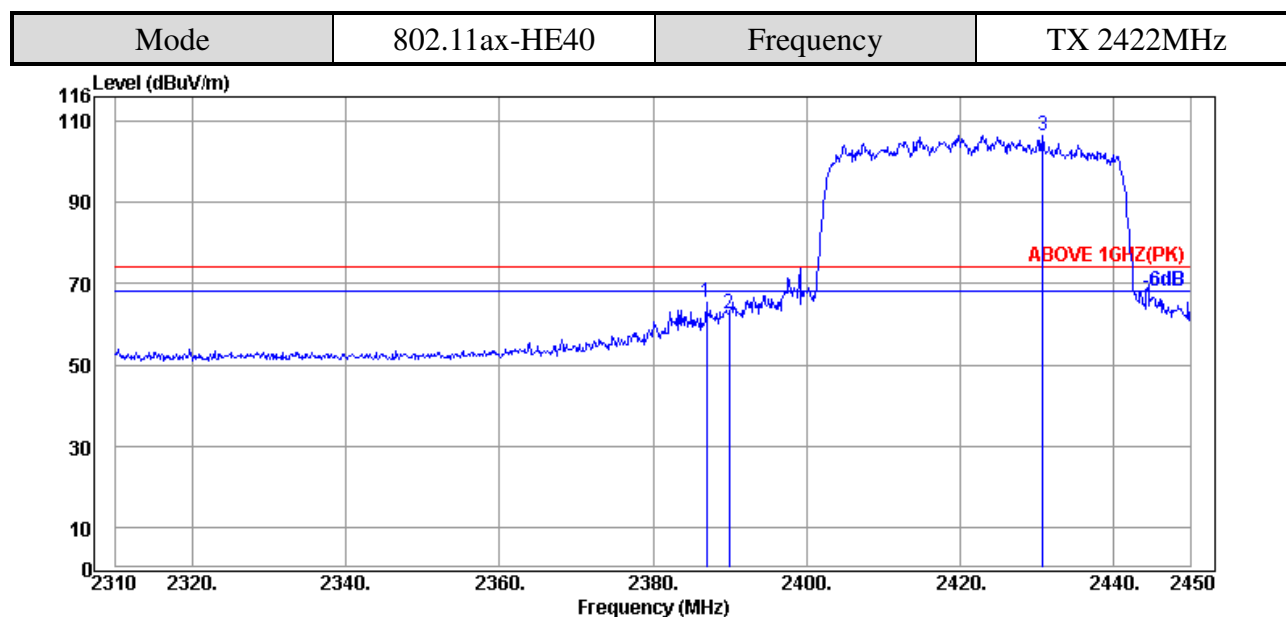
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2472.72	32.57	8.20	52.64	93.41	---	---	Peak
2483.50	32.57	8.20	24.53	65.30	74.00	8.70	Peak
2485.95	32.57	8.20	18.69	59.46	74.00	14.54	Peak



Antenna at Vertical Polarization

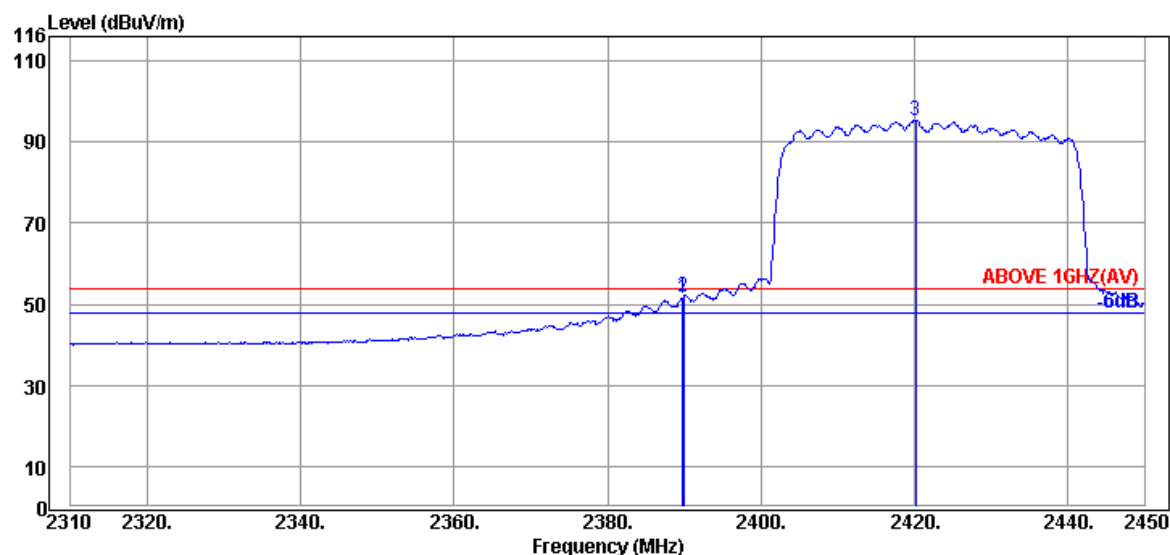
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2472.23	32.57	8.20	40.35	81.12	---	---	Average
2483.50	32.57	8.20	1.19	41.96	54.00	12.04	Average
2483.99	32.57	8.20	0.78	41.55	54.00	12.45	Average

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



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2387.00	32.00	8.17	25.14	65.31	74.00	8.69	Peak
2389.94	32.00	8.17	22.25	62.42	74.00	11.58	Peak
@ 2430.82	32.47	8.19	65.92	106.58	---	---	Peak



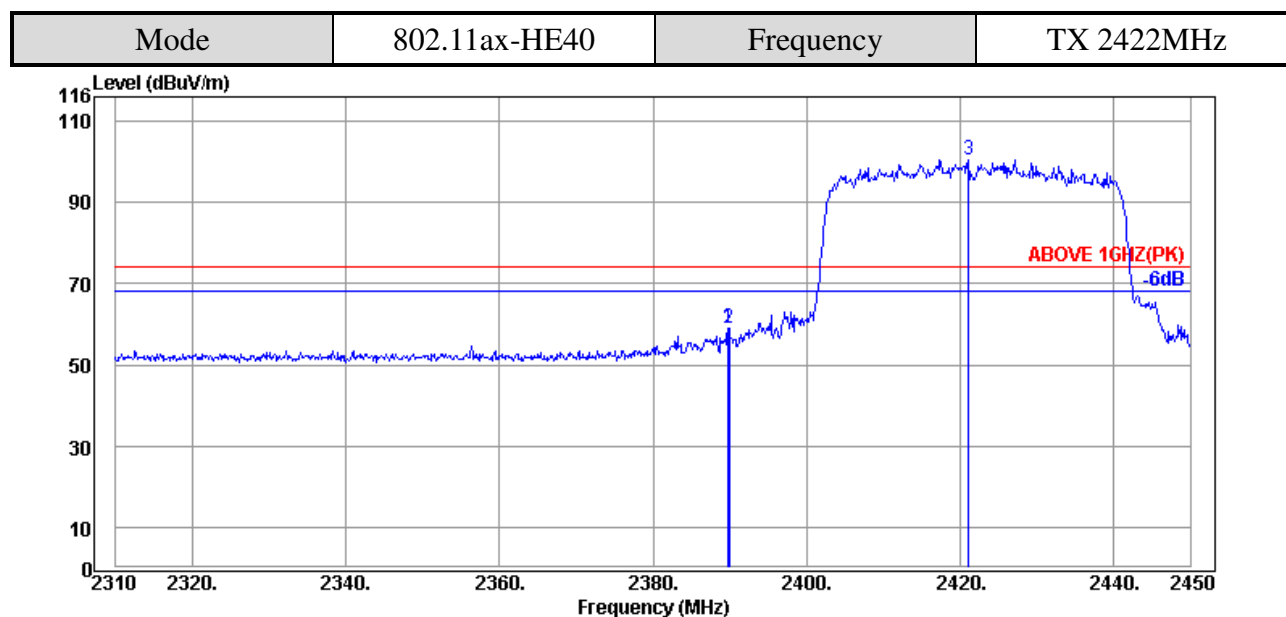
Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2389.80	32.00	8.17	11.41	51.58	54.00	2.42	Average
2389.94	32.00	8.17	11.80	51.97	54.00	2.03	Average
@ 2420.18	32.47	8.19	54.63	95.29	---	---	Average

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

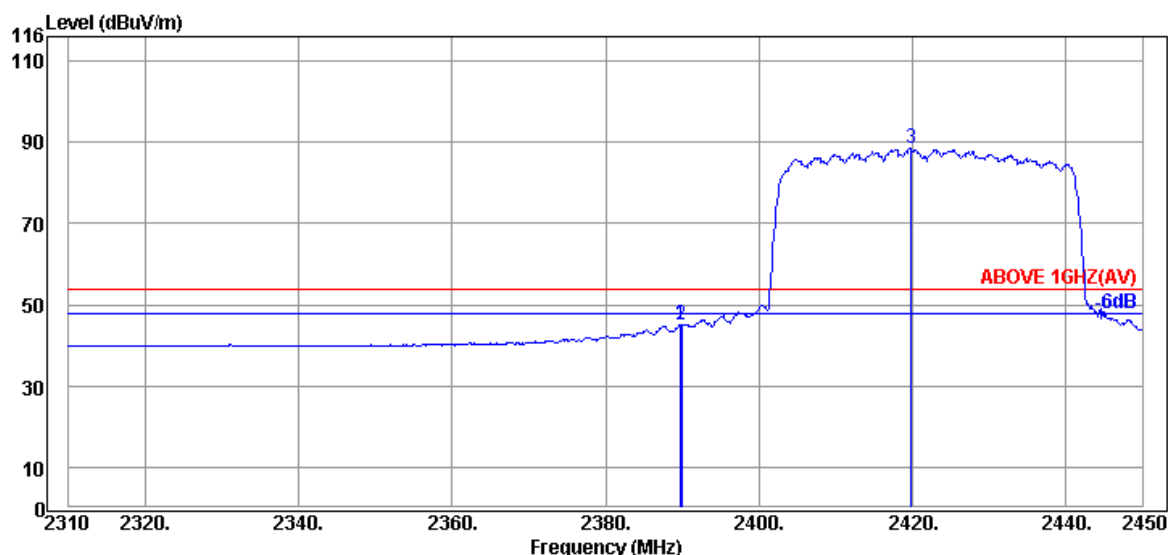
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Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2389.80	32.00	8.17	18.67	58.84	74.00	15.16	Peak
2389.94	32.00	8.17	18.72	58.89	74.00	15.11	Peak
@ 2421.16	32.47	8.19	59.97	100.63	---	---	Peak



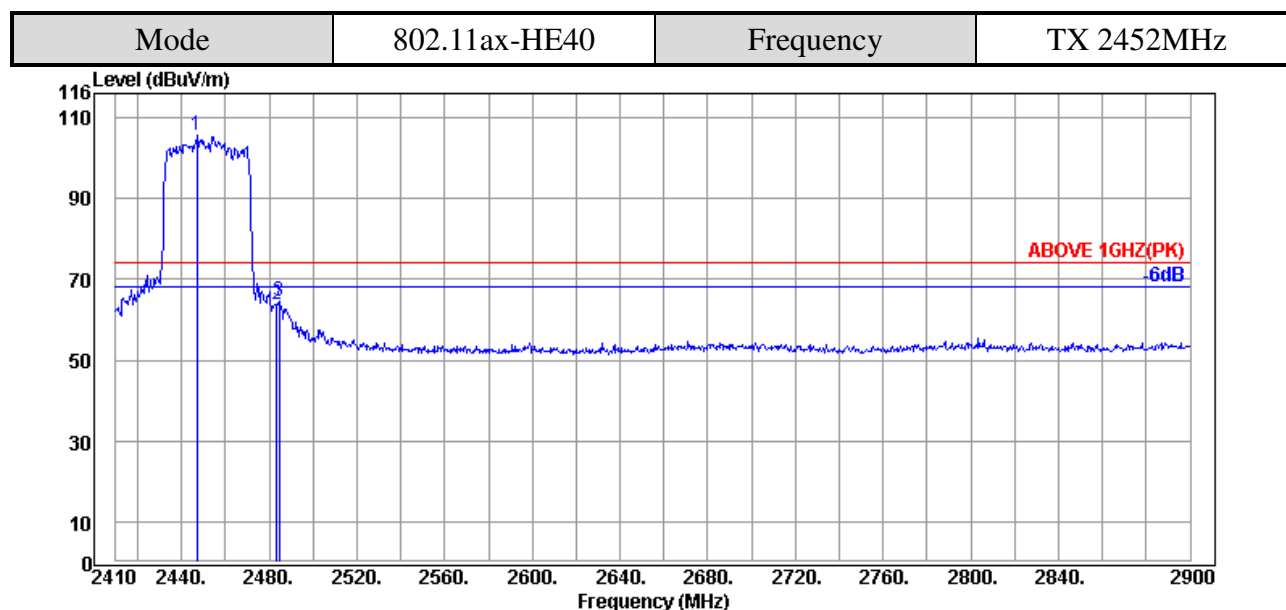
Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2389.80	32.00	8.17	5.03	45.20	54.00	8.80	Average
2389.94	32.00	8.17	4.88	45.05	54.00	8.95	Average
@ 2419.90	32.47	8.19	47.94	88.60	---	---	Average

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

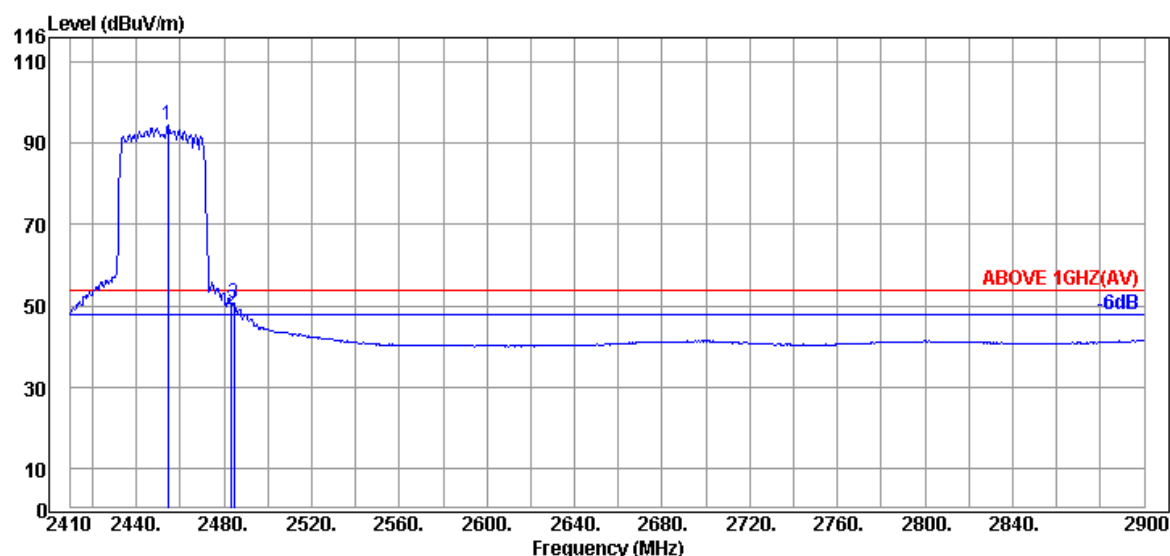
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2447.24	32.70	8.19	64.86	105.75	---	---	Peak
2483.50	32.57	8.20	23.16	63.93	74.00	10.07	Peak
2484.48	32.57	8.20	23.71	64.48	74.00	9.52	Peak



Antenna at Horizontal Polarization

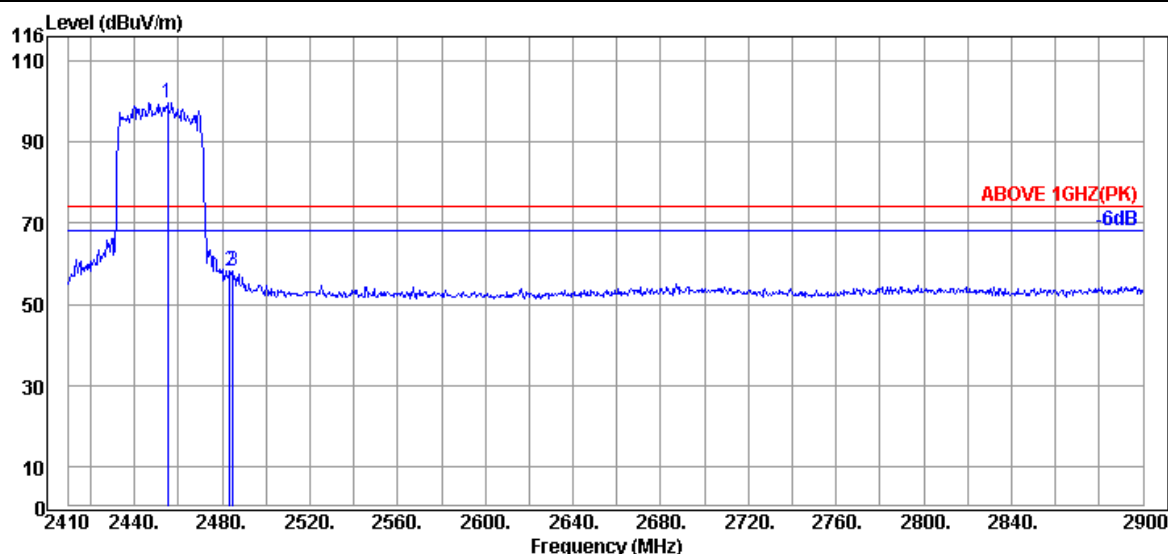
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2454.59	32.63	8.20	53.46	94.29	---	---	Average
2483.50	32.57	8.20	8.24	49.01	54.00	4.99	Average
2484.48	32.57	8.20	9.82	50.59	54.00	3.41	Average

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

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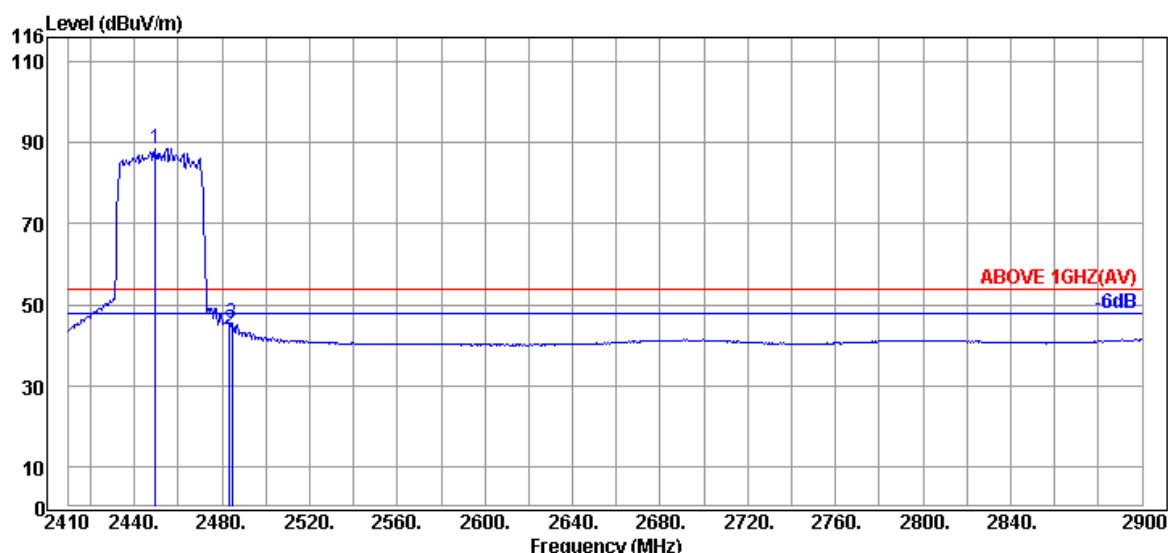
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Mode	802.11ax-HE40	Frequency	TX 2452MHz
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Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2455.08	32.63	8.20	58.92	99.75	---	---	Peak
2483.50	32.57	8.20	17.58	58.35	74.00	15.65	Peak
2484.97	32.57	8.20	17.59	58.36	74.00	15.64	Peak



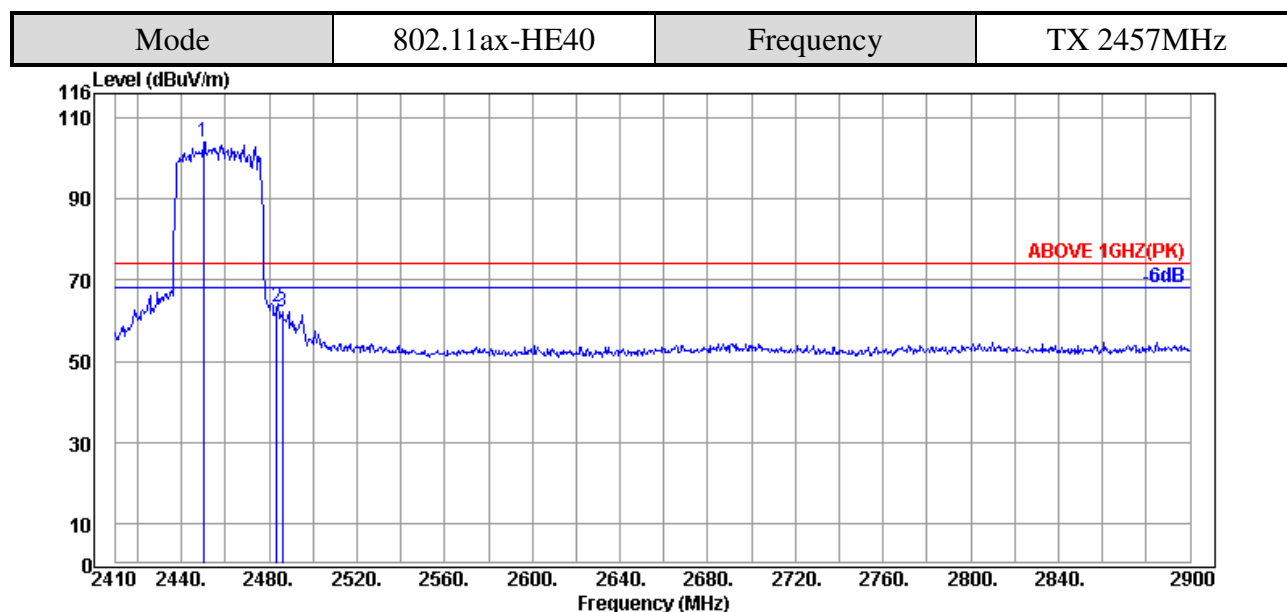
Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2449.69	32.70	8.19	47.79	88.68	---	---	Average
2483.50	32.57	8.20	2.98	43.75	54.00	10.25	Average
2484.48	32.57	8.20	4.76	45.53	54.00	8.47	Average

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

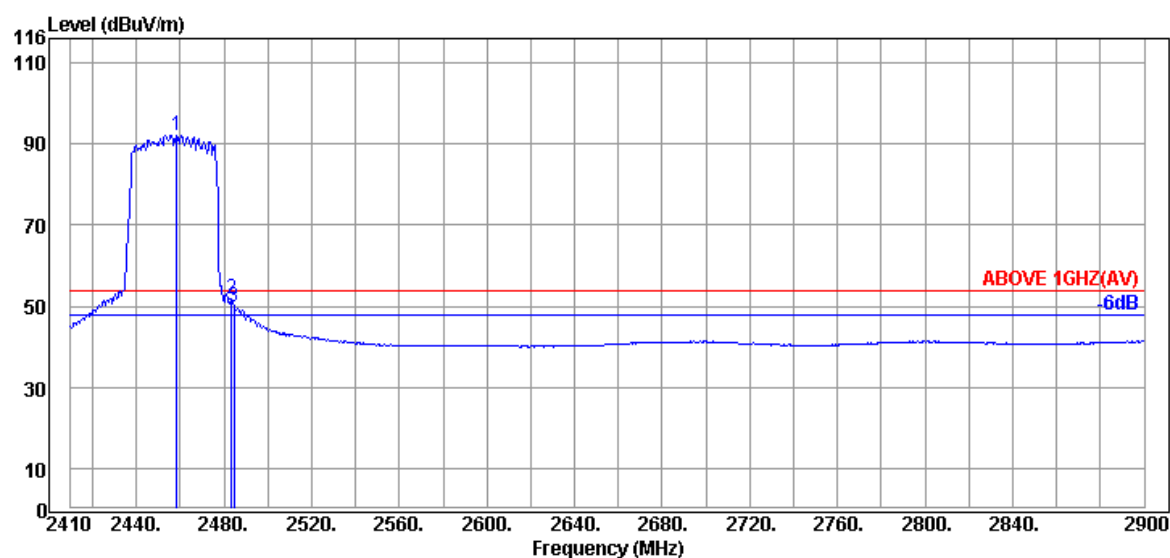
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2450.18	32.70	8.19	63.29	104.18	---	---	Peak
2483.50	32.57	8.20	22.79	63.56	74.00	10.44	Peak
2485.95	32.57	8.20	21.50	62.27	74.00	11.73	Peak



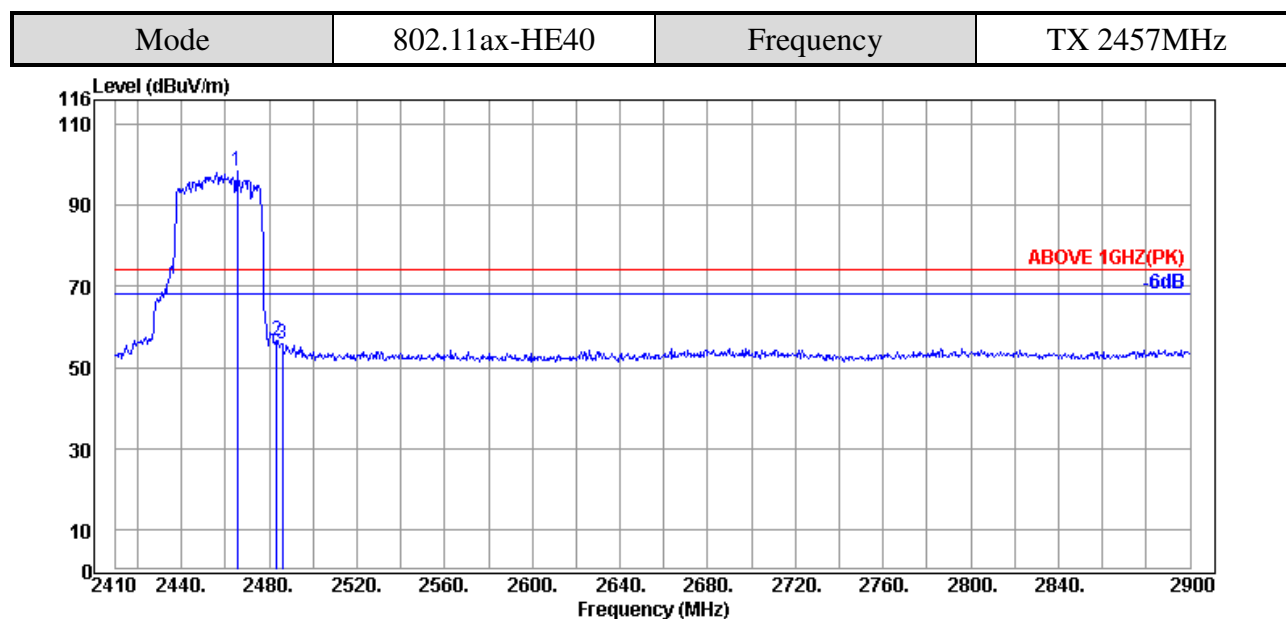
Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2458.51	32.63	8.20	51.43	92.26	---	---	Average
2483.50	32.57	8.20	11.15	51.92	54.00	2.08	Average
2484.48	32.57	8.20	9.03	49.80	54.00	4.20	Average

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

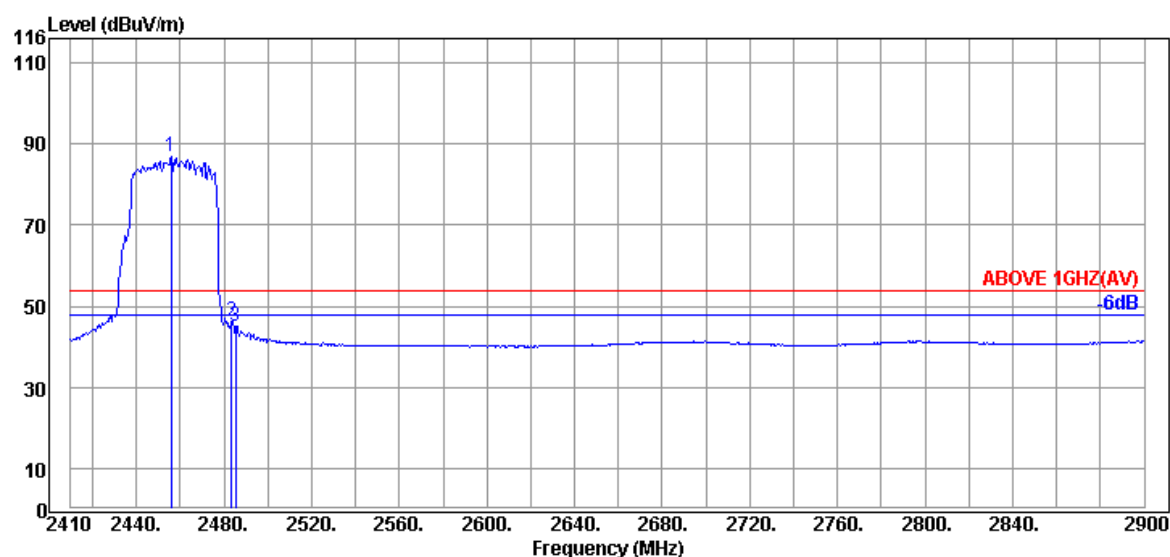
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Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2465.37	32.63	8.20	57.54	98.37	---	---	Peak
2483.50	32.57	8.20	15.90	56.67	74.00	17.33	Peak
2485.95	32.57	8.20	15.11	55.88	74.00	18.12	Peak



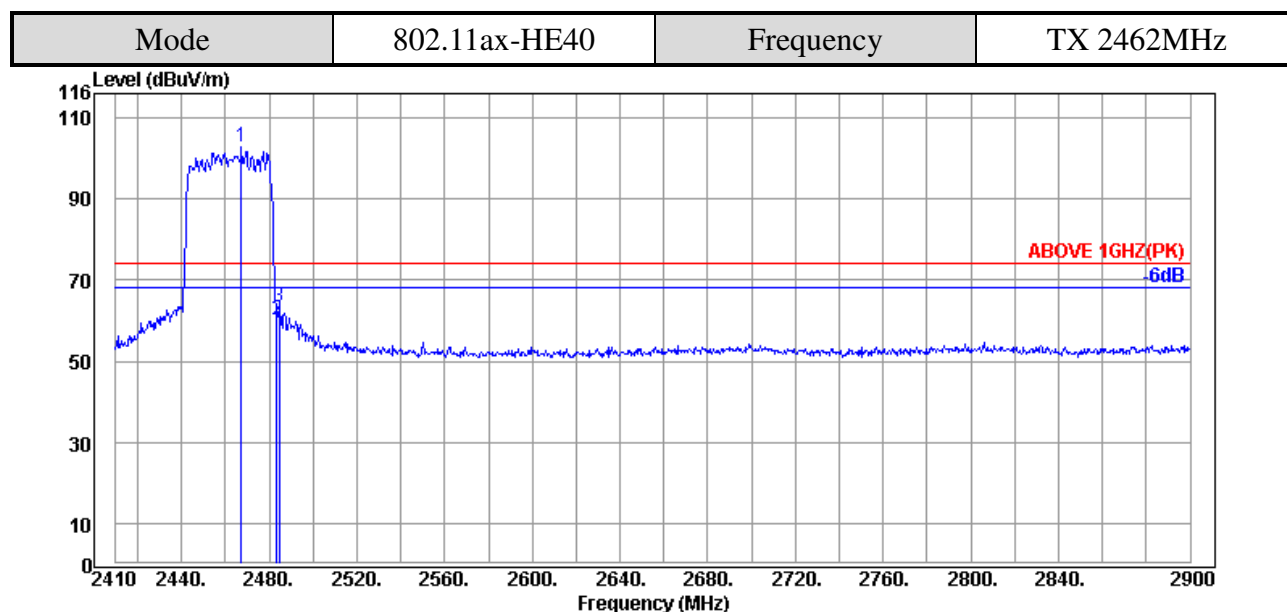
Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2456.06	32.63	8.20	45.95	86.78	---	---	Average
2483.50	32.57	8.20	5.43	46.20	54.00	7.80	Average
2485.46	32.57	8.20	4.29	45.06	54.00	8.94	Average

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

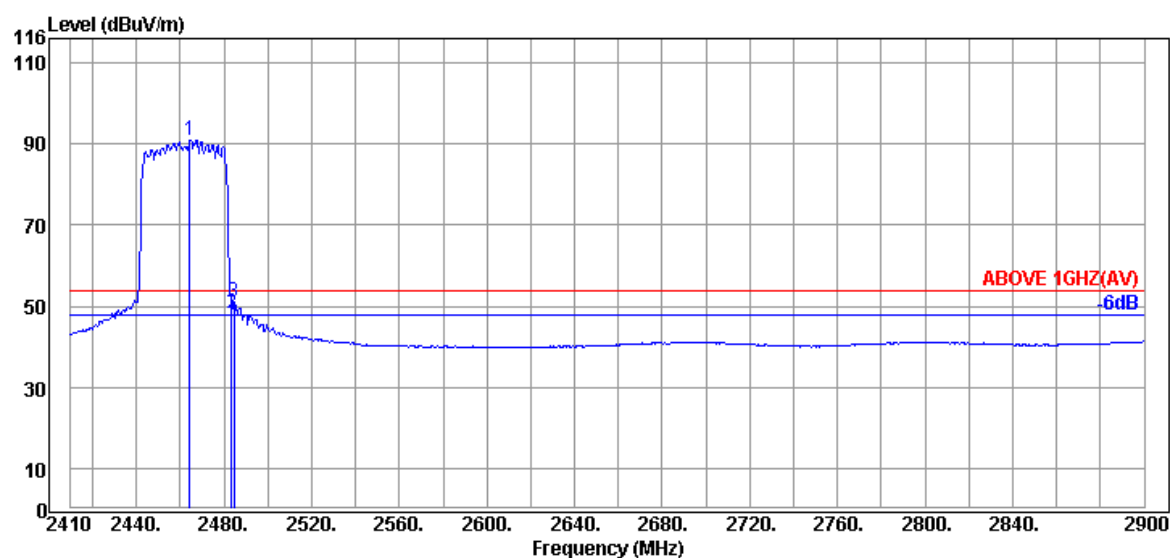
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Antenna at Horizontal Polarization

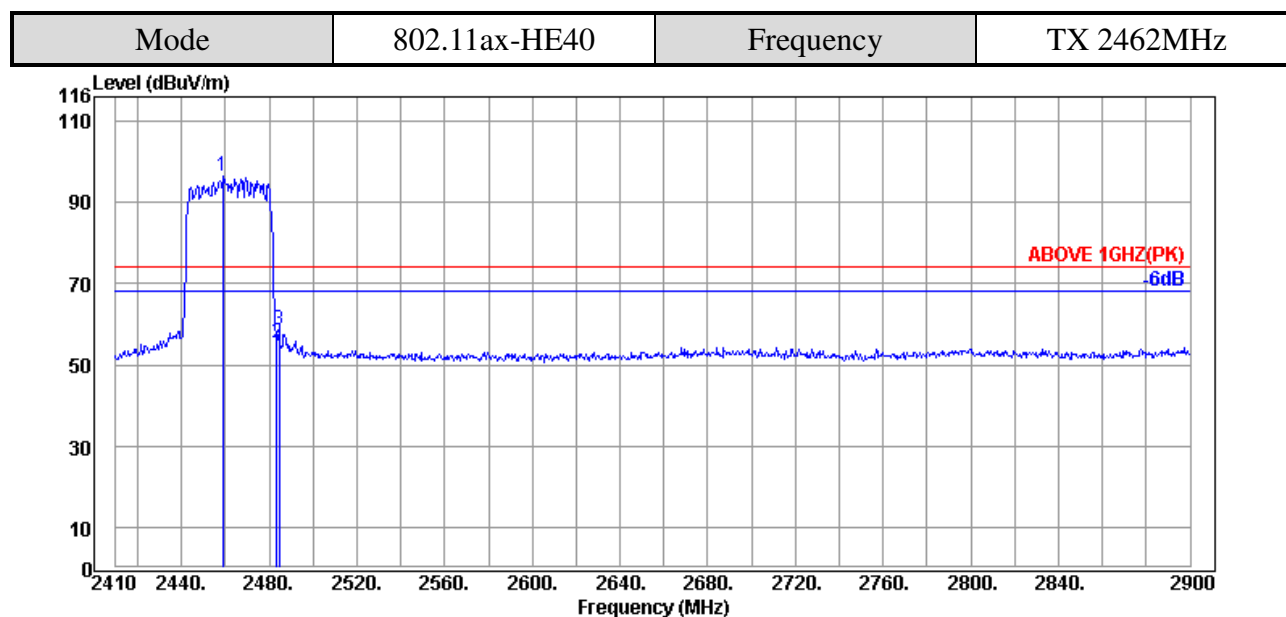
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2467.33	32.63	8.20	62.13	102.96	---	---	Peak
2483.50	32.57	8.20	19.43	60.20	74.00	13.80	Peak
2484.48	32.57	8.20	22.76	63.53	74.00	10.47	Peak



Antenna at Horizontal Polarization

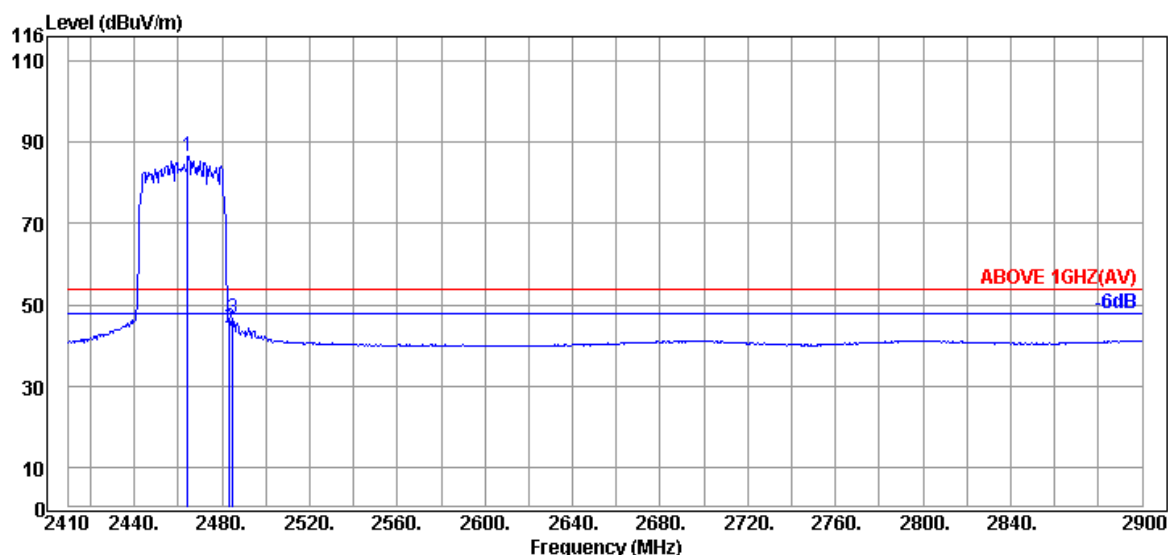
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2464.39	32.63	8.20	49.97	90.80	---	---	Average
2483.50	32.57	8.20	7.47	48.24	54.00	5.76	Average
2484.48	32.57	8.20	10.33	51.10	54.00	2.90	Average

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



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2459.00	32.63	8.20	55.52	96.35	---	---	Peak
2483.50	32.57	8.20	14.71	55.48	74.00	18.52	Peak
2484.48	32.57	8.20	17.85	58.62	74.00	15.38	Peak



Antenna at Vertical Polarization

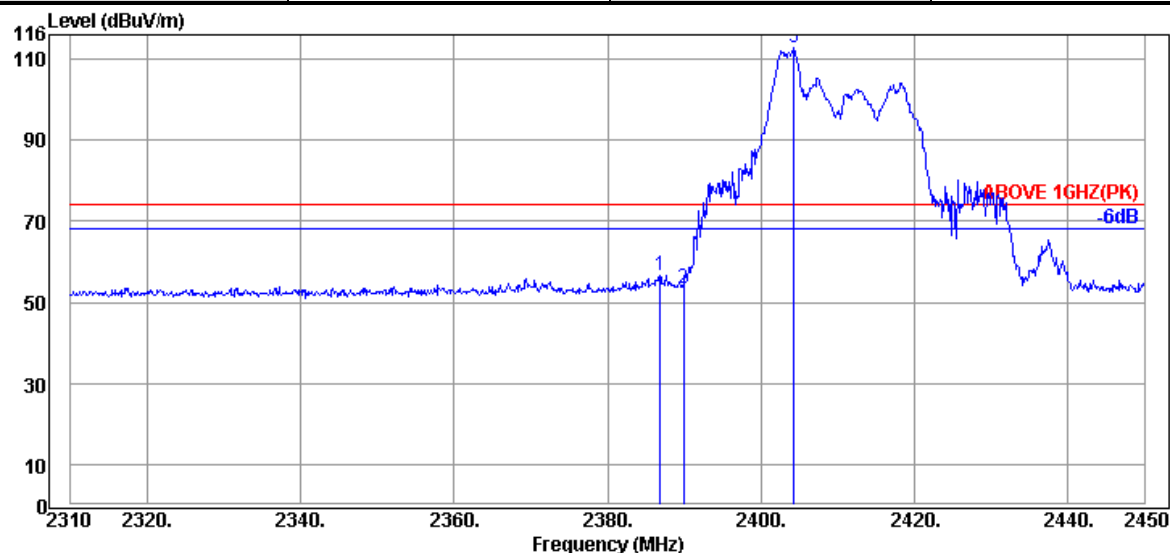
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2464.39	32.63	8.20	45.56	86.39	---	---	Average
2483.50	32.57	8.20	3.51	44.28	54.00	9.72	Average
2484.97	32.57	8.20	5.85	46.62	54.00	7.38	Average

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

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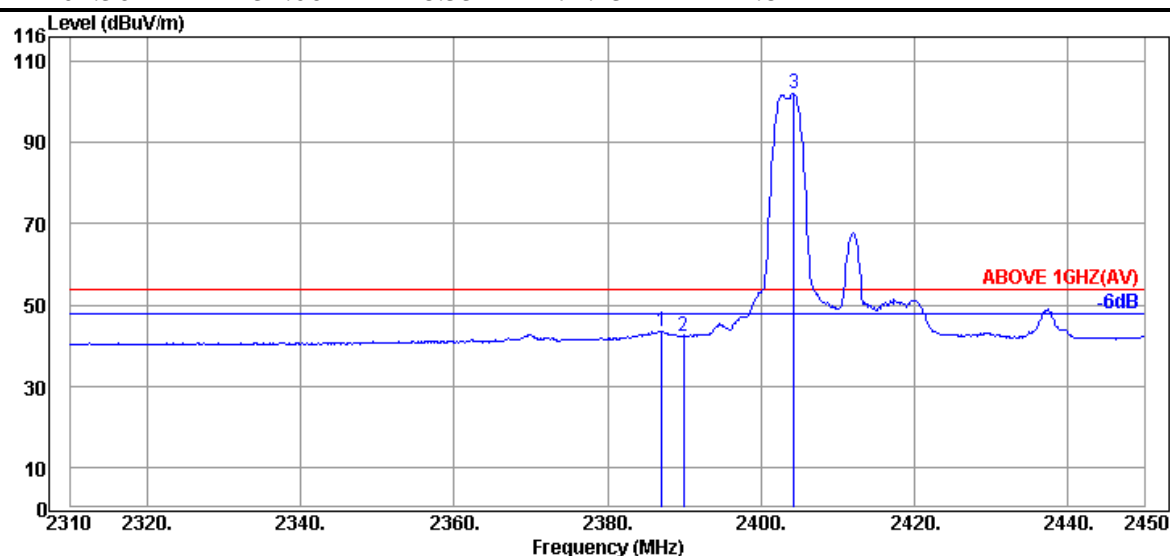
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Mode	802.11ax-HE20	Frequency	TX 2412MHz
		RU Config	26/0



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2386.86	32.00	8.52	16.26	56.78	74.00	17.22	Peak
2389.94	32.00	8.52	12.73	53.25	74.00	20.75	Peak
@ 2404.36	32.06	8.53	72.25	112.84	---	---	Peak

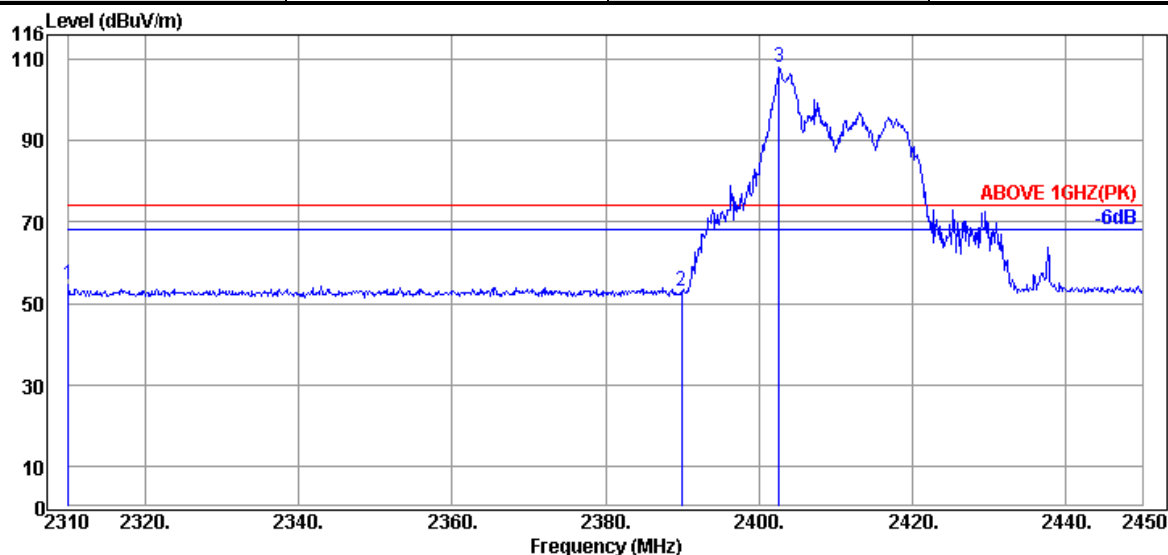


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2387.14	32.00	8.52	3.10	43.62	54.00	10.38	Average
2389.94	32.00	8.52	1.87	42.39	54.00	11.61	Average
@ 2404.36	32.06	8.53	61.47	102.06	---	---	Average

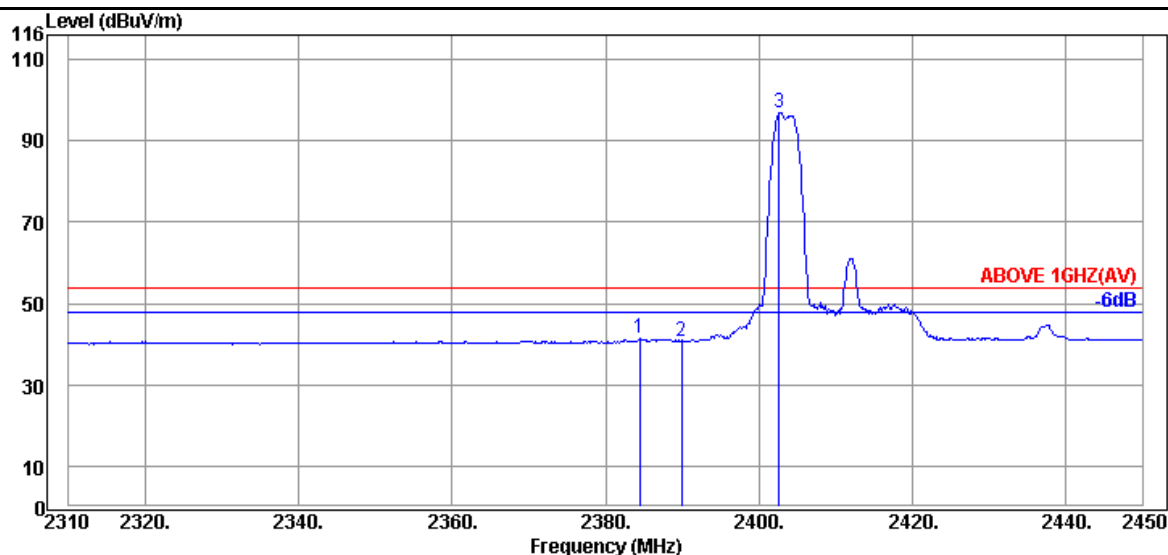
Remark: The "@" means fundamental frequency, it is ignored in this section.

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



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector
2310.00	32.00	8.46	14.01	54.47	74.00	19.53	Peak
2389.94	32.00	8.52	12.42	52.94	74.00	21.06	Peak
@ 2402.68	32.04	8.53	67.26	107.83	---	---	Peak



Antenna at Vertical Polarization

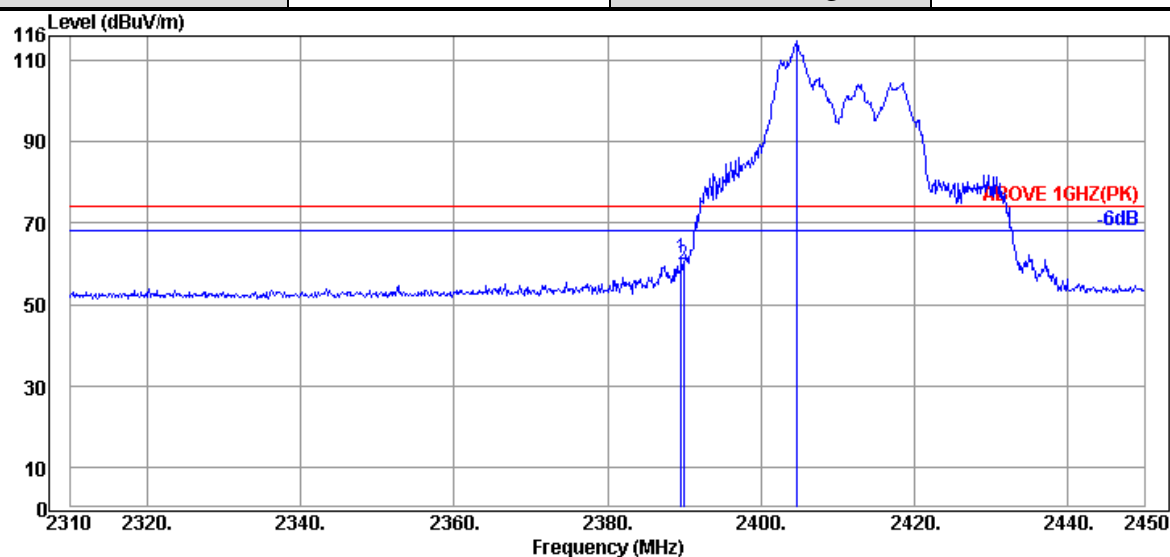
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector
2384.48	32.00	8.51	0.75	41.26	54.00	12.74	Average
2389.94	32.00	8.52	0.11	40.63	54.00	13.37	Average
@ 2402.68	32.04	8.53	56.47	97.04	---	---	Average

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

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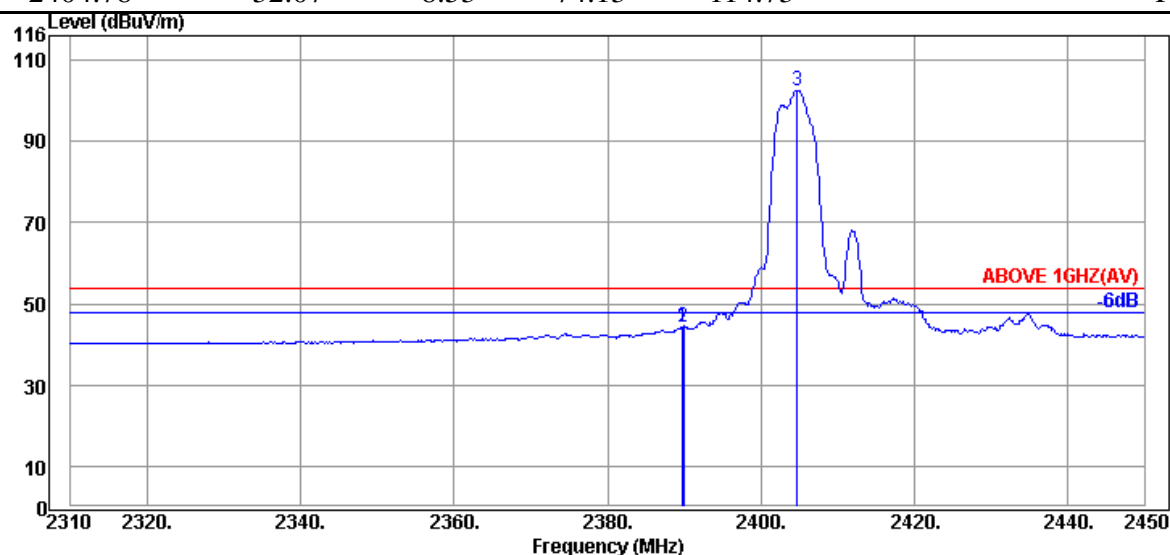
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Mode	802.11ax-HE20	Frequency	TX 2412MHz
		RU Config	52/37



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2389.66	32.00	8.52	21.02	61.54	74.00	12.46	Peak
2389.94	32.00	8.52	19.35	59.87	74.00	14.13	Peak
@ 2404.78	32.07	8.53	74.13	114.73	---	---	Peak

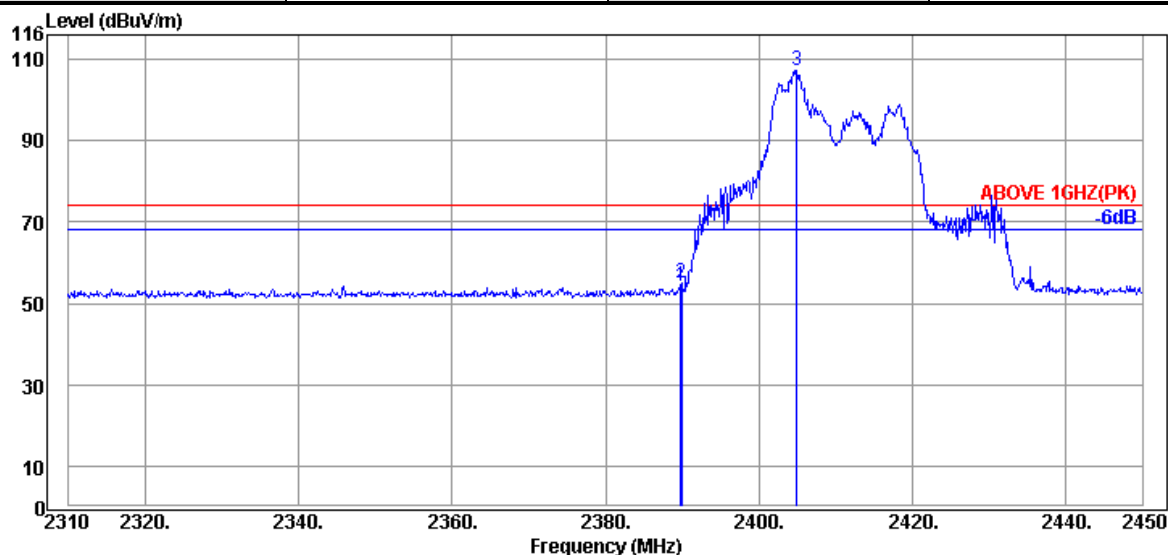


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2389.80	32.00	8.52	3.90	44.42	54.00	9.58	Average
2389.94	32.00	8.52	3.92	44.44	54.00	9.56	Average
@ 2404.78	32.07	8.53	61.96	102.56	---	---	Average

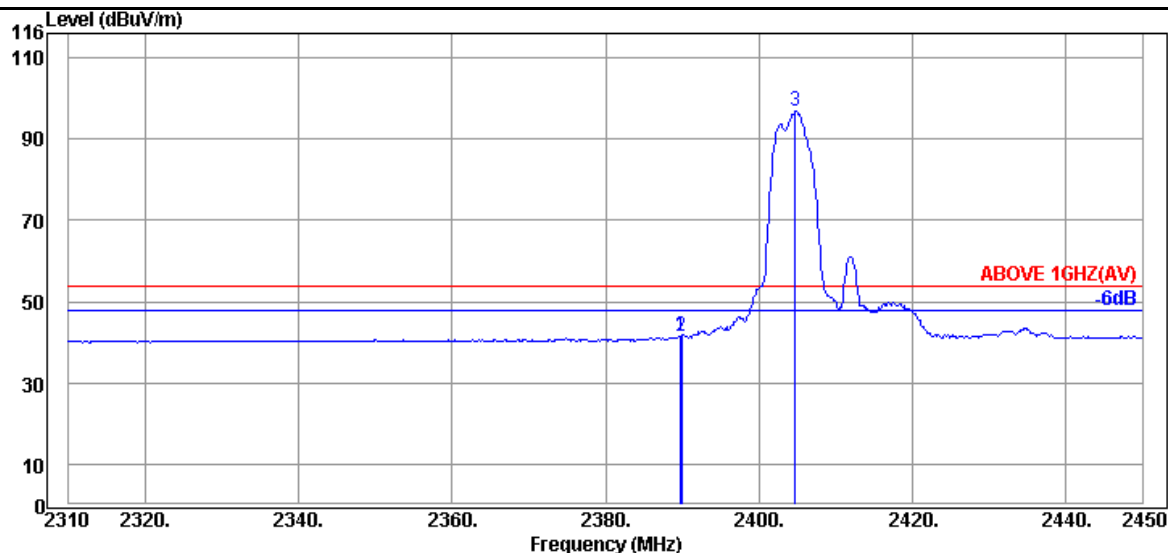
Remark: The "@" means fundamental frequency, it is ignored in this section.

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



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2389.80	32.00	8.52	13.57	54.09	74.00	19.91	Peak
2389.94	32.00	8.52	14.34	54.86	74.00	19.14	Peak
@ 2404.92	32.07	8.53	66.65	107.25	---	---	Peak

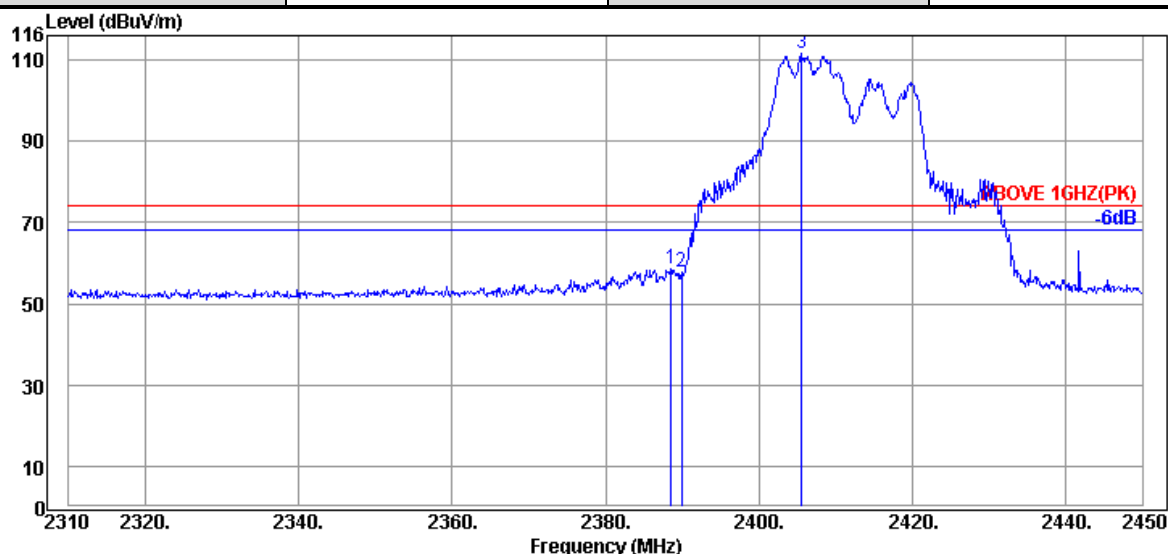


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2389.80	32.00	8.52	1.05	41.57	54.00	12.43	Average
2389.94	32.00	8.52	1.13	41.65	54.00	12.35	Average
@ 2404.78	32.07	8.53	56.16	96.76	---	---	Average

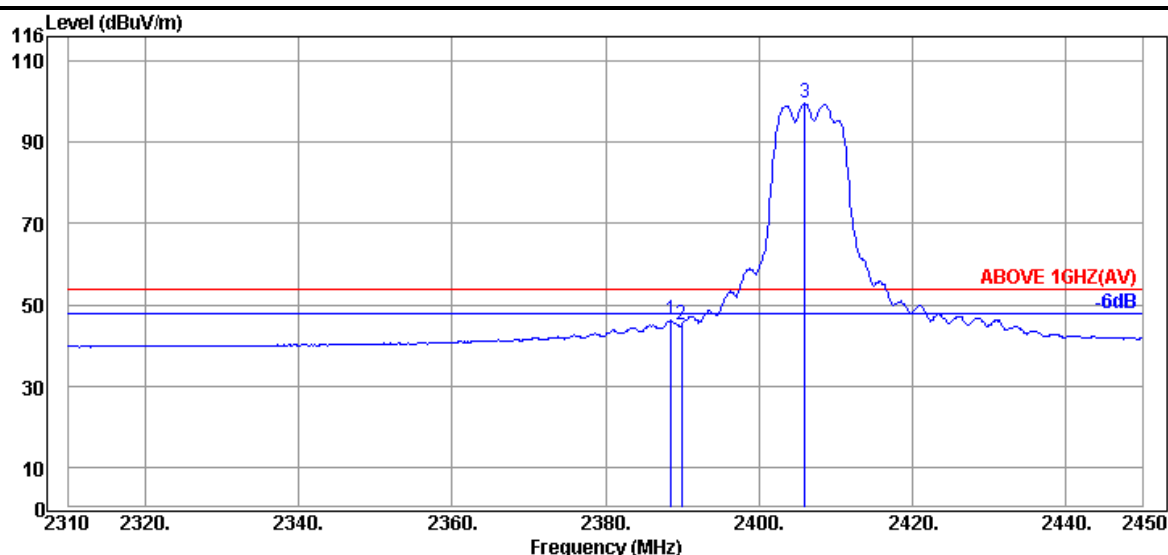
Remark: The "@" means fundamental frequency, it is ignored in this section.

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



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2388.54	32.00	8.52	18.27	58.79	74.00	15.21	Peak
2389.94	32.00	8.52	17.39	57.91	74.00	16.09	Peak
@ 2405.62	32.08	8.53	71.08	111.69	---	---	Peak

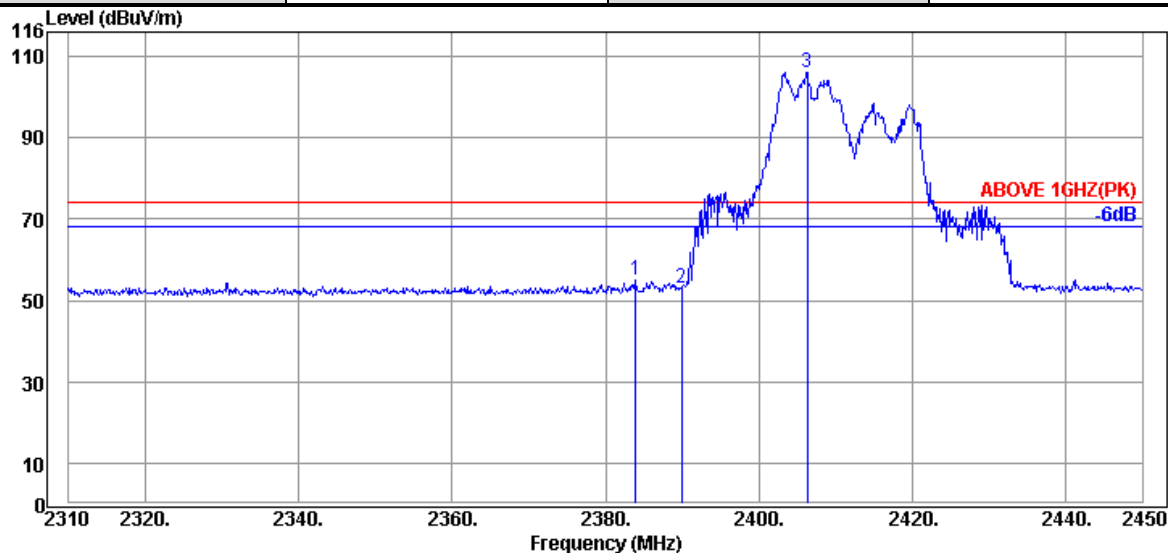


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2388.54	32.00	8.52	5.55	46.07	54.00	7.93	Average
2389.94	32.00	8.52	4.61	45.13	54.00	8.87	Average
@ 2406.04	32.08	8.53	58.97	99.58	---	---	Average

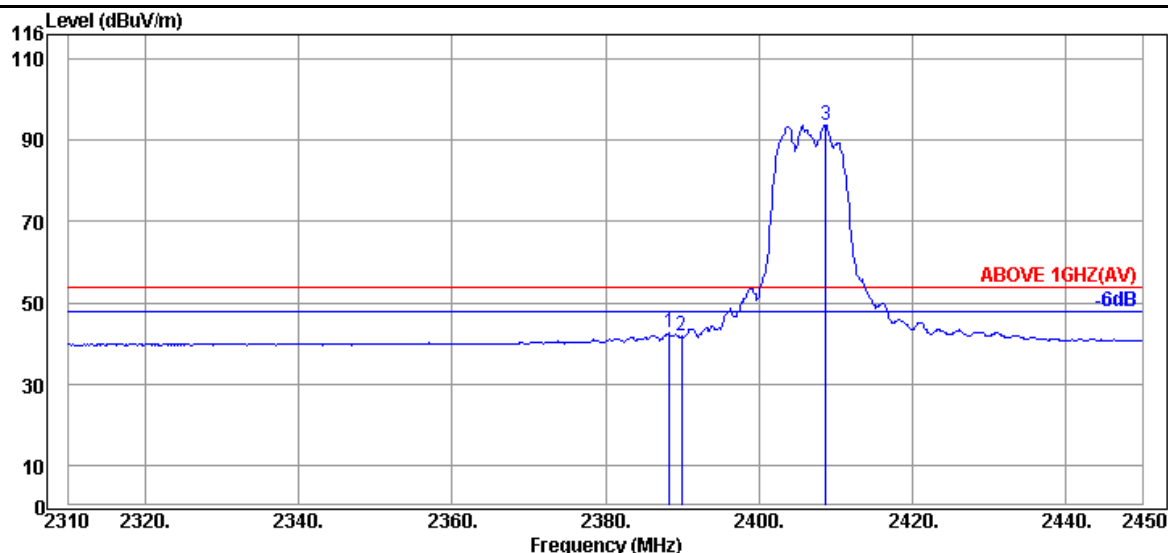
Remark: The "@" means fundamental frequency, it is ignored in this section.

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



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2383.92	32.00	8.51	14.68	55.19	74.00	18.81	Peak
2389.94	32.00	8.52	12.63	53.15	74.00	20.85	Peak
@ 2406.32	32.09	8.53	65.45	106.07	---	---	Peak

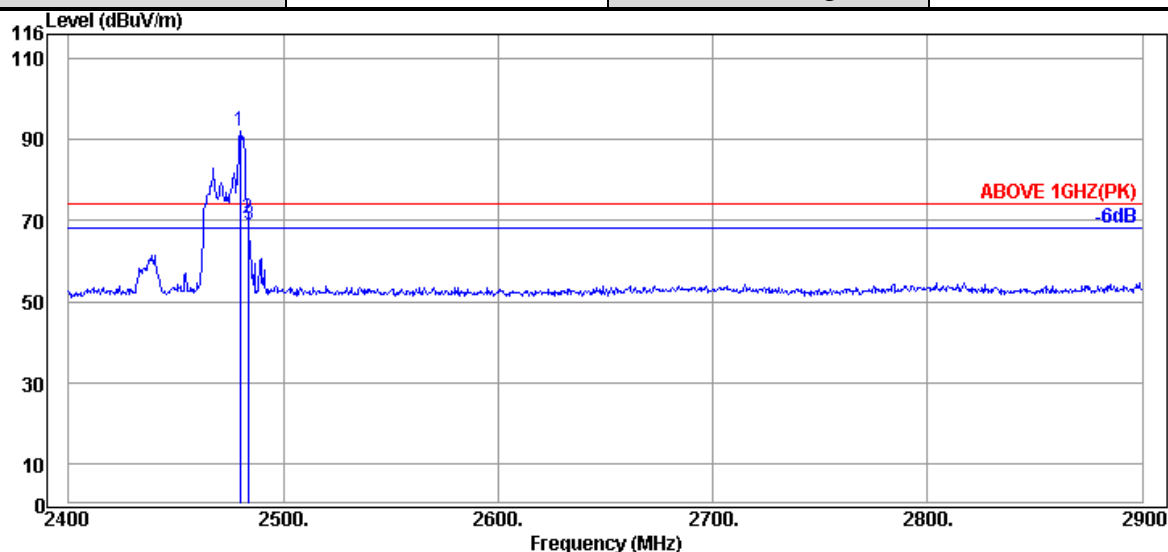


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2388.40	32.00	8.52	2.12	42.64	54.00	11.36	Average
2389.94	32.00	8.52	1.24	41.76	54.00	12.24	Average
@ 2408.70	32.12	8.53	53.14	93.79	---	---	Average

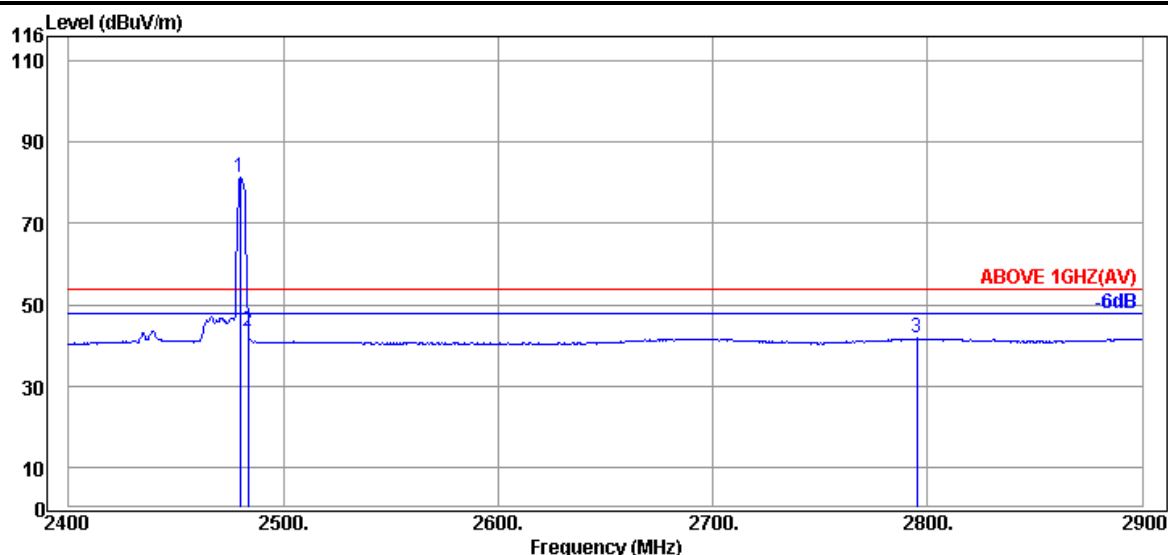
Remark: The "@" means fundamental frequency, it is ignored in this section.

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



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2480.00	32.58	8.58	50.77	91.93	---	---	Peak
2483.50	32.57	8.58	29.47	70.62	74.00	3.38	Peak
2484.00	32.56	8.58	27.88	69.02	74.00	4.98	Peak

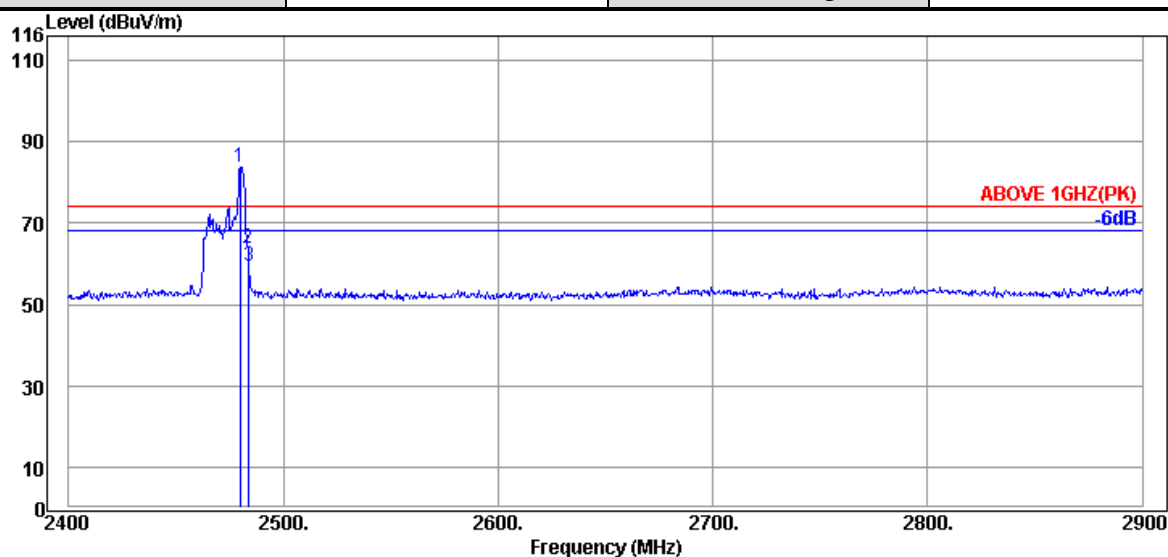


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2480.00	32.58	8.58	40.24	81.40	---	---	Average
2483.50	32.57	8.58	2.12	43.27	54.00	10.73	Average
2795.00	32.83	8.66	0.20	41.69	54.00	12.31	Average

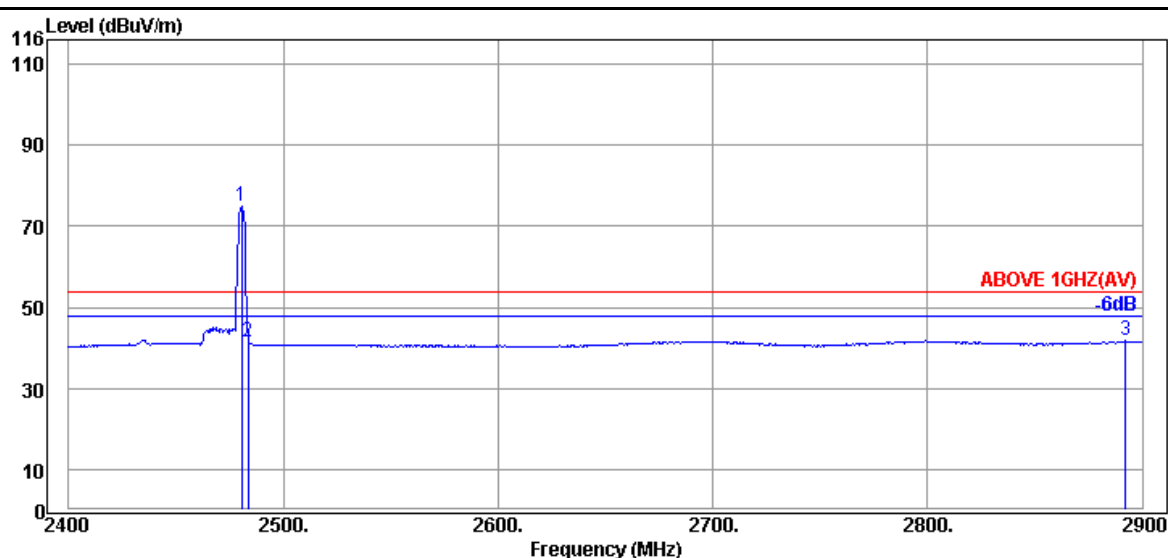
Remark: The "@" means fundamental frequency, it is ignored in this section.

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



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2480.00	32.58	8.58	42.74	83.90	---	---	Peak
2483.50	32.57	8.58	22.70	63.85	74.00	10.15	Peak
2484.00	32.56	8.58	18.13	59.27	74.00	14.73	Peak

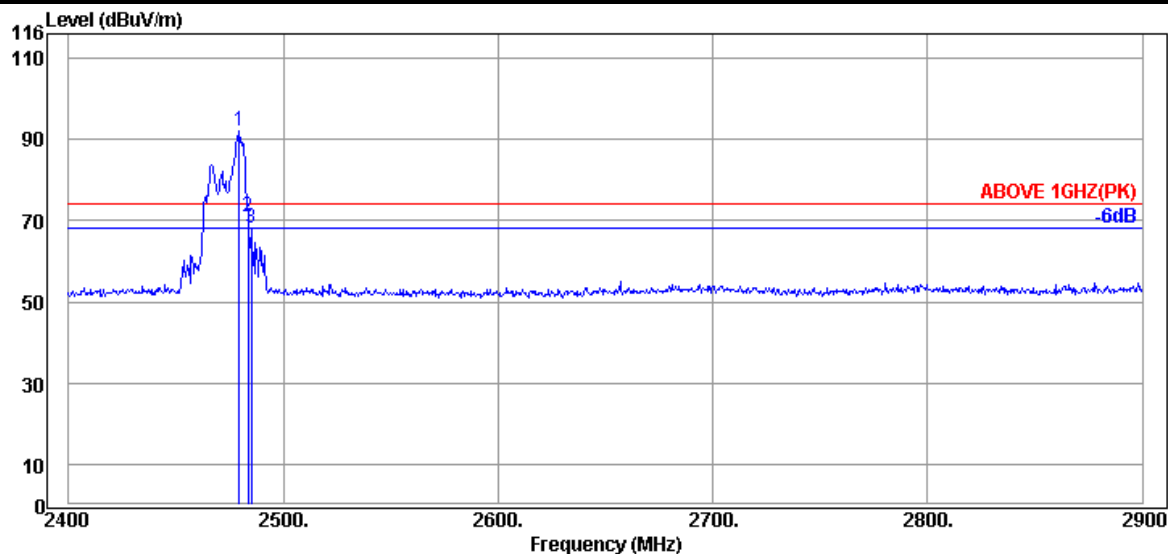


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2480.50	32.58	8.58	33.92	75.08	---	---	Average
2483.50	32.57	8.58	0.46	41.61	54.00	12.39	Average
2892.00	32.95	8.68	0.05	41.68	54.00	12.32	Average

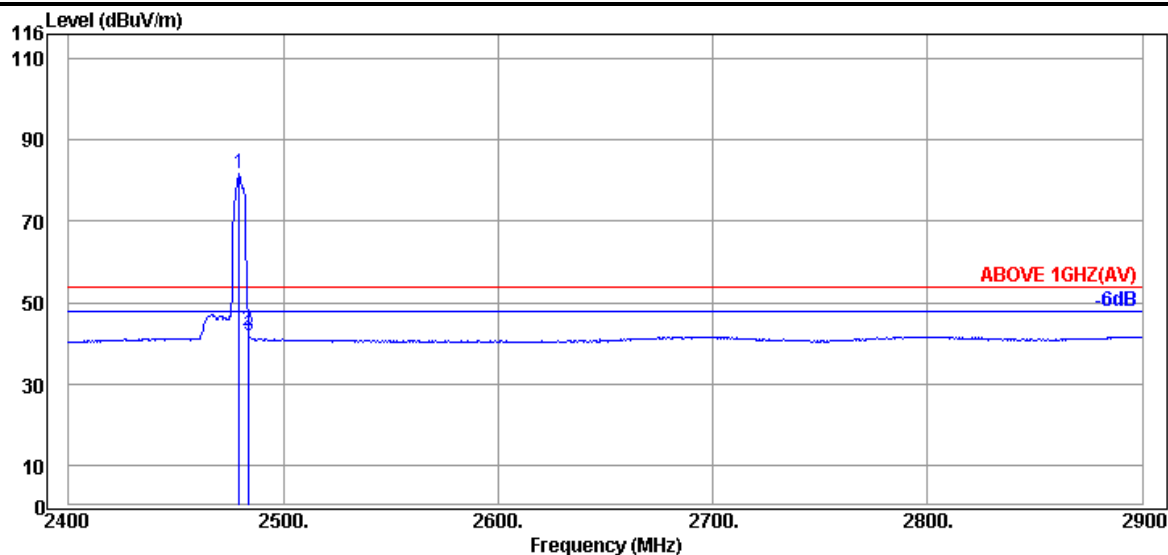
Remark: The "@" means fundamental frequency, it is ignored in this section.

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



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2479.50	32.58	8.58	51.03	92.19	---	---	Peak
2483.50	32.57	8.58	29.64	70.79	74.00	3.21	Peak
2485.00	32.56	8.58	26.86	68.00	74.00	6.00	Peak



Antenna at Horizontal Polarization

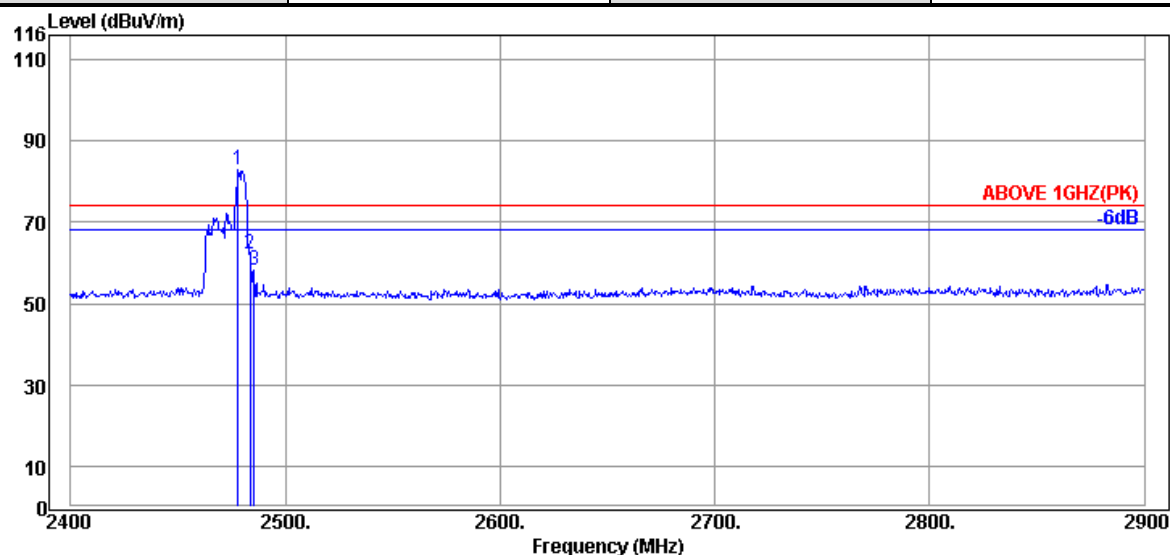
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2479.50	32.58	8.58	40.53	81.69	---	---	Average
2483.50	32.57	8.58	1.86	43.01	54.00	10.99	Average
2484.00	32.56	8.58	0.57	41.71	54.00	12.29	Average

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

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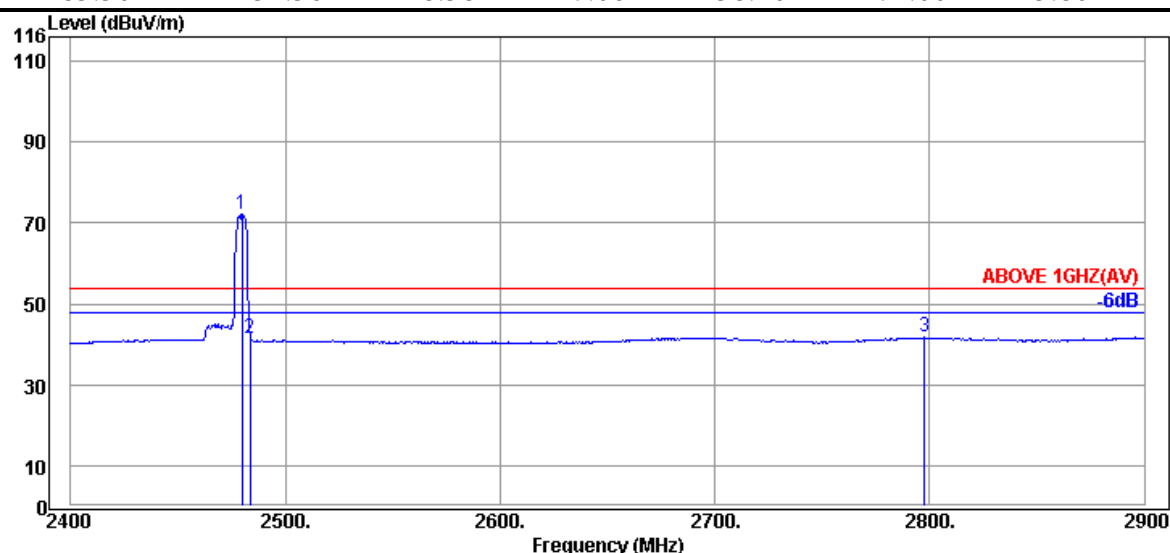
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Mode	802.11ax-HE20	Frequency	TX 2472MHz
		RU Config	52/40



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2478.00	32.59	8.58	41.62	82.79	---	---	Peak
2483.50	32.57	8.58	21.02	62.17	74.00	11.83	Peak
2485.50	32.56	8.58	17.06	58.20	74.00	15.80	Peak



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2480.00	32.58	8.58	30.87	72.03	---	---	Average
2483.50	32.57	8.58	0.13	41.28	54.00	12.72	Average
2797.50	32.87	8.66	0.22	41.75	54.00	12.25	Average

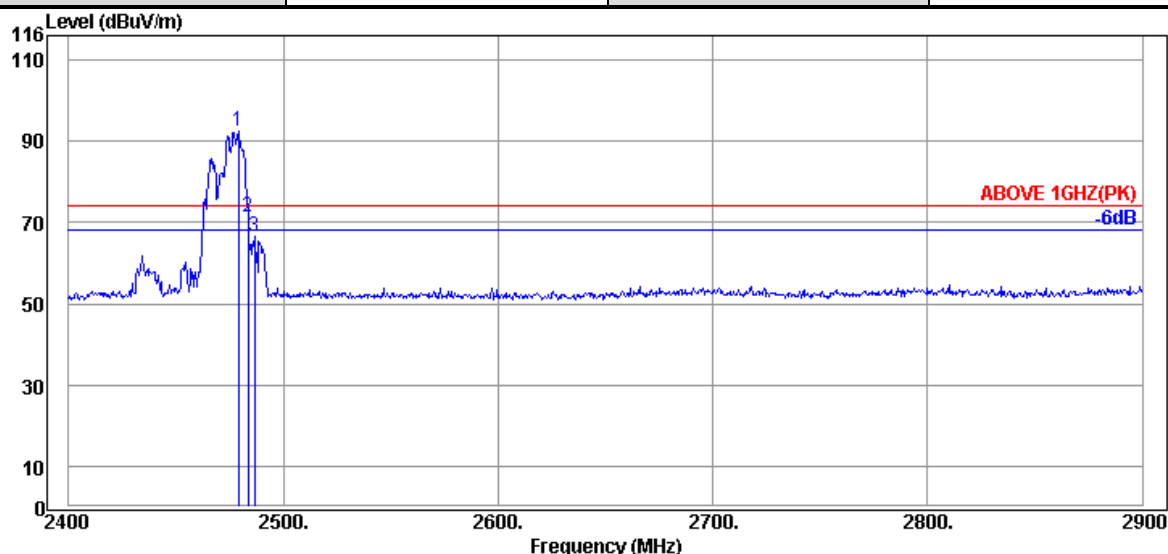
Remark: The "@" means fundamental frequency, it is ignored in this section.

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Report Number: EM-F190492

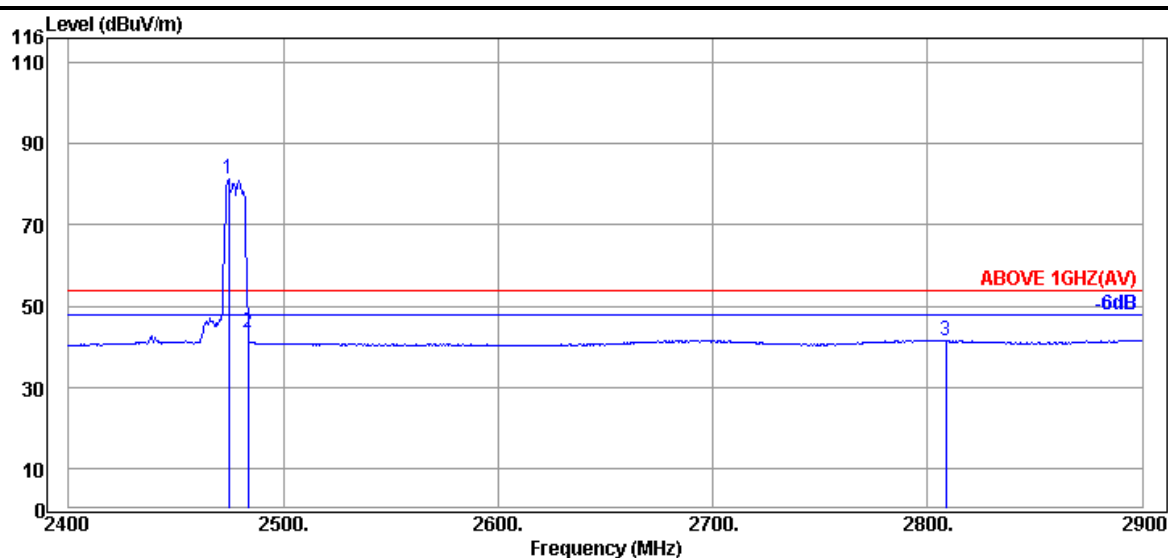
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Mode	802.11ax-HE20	Frequency	TX 2472MHz
		RU Config	106/54



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2479.00	32.58	8.58	51.38	92.54	---	---	Peak
2483.50	32.57	8.58	30.30	71.45	74.00	2.55	Peak
2486.50	32.55	8.58	25.28	66.41	74.00	7.59	Peak



Antenna at Horizontal Polarization

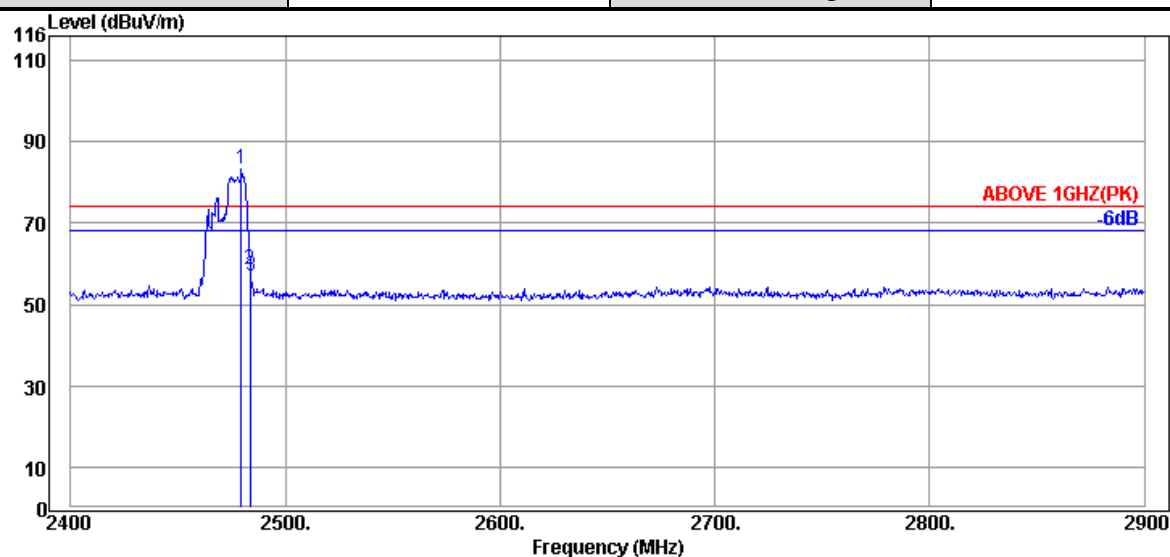
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2474.50	32.60	8.58	39.99	81.17	---	---	Average
2483.50	32.57	8.58	2.27	43.42	54.00	10.58	Average
2808.50	32.87	8.66	0.09	41.62	54.00	12.38	Average

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

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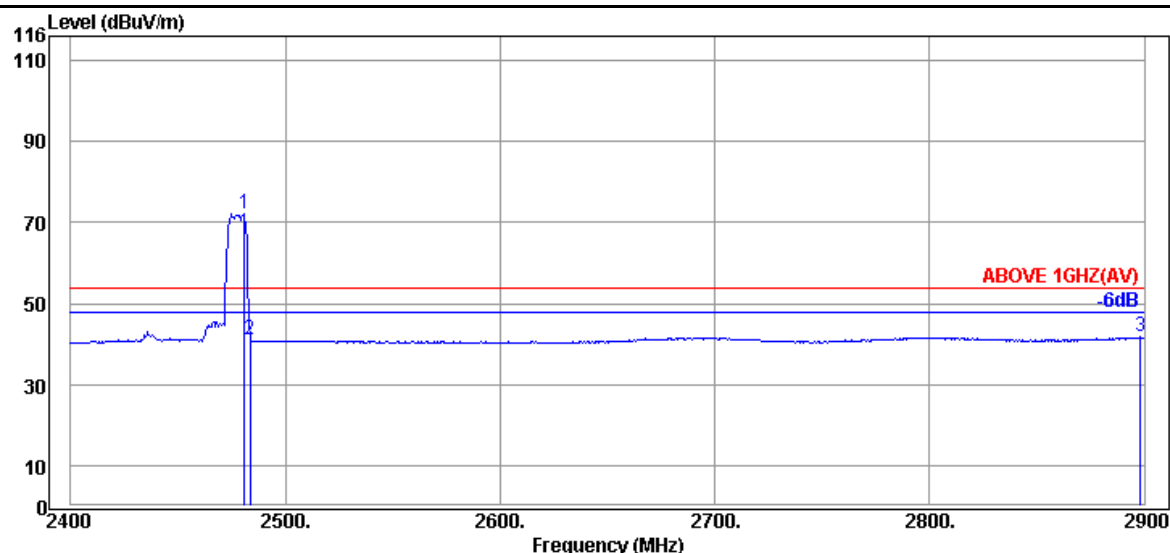
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Mode	802.11ax-HE20	Frequency	TX 2472MHz
		RU Config	106/54



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2479.50	32.58	8.58	42.17	83.33	---	---	Peak
2483.50	32.57	8.58	17.52	58.67	74.00	15.33	Peak
2484.00	32.56	8.58	15.70	56.84	74.00	17.16	Peak



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2481.00	32.58	8.58	30.89	72.05	---	---	Average
2483.50	32.57	8.58	0.06	41.21	54.00	12.79	Average
2898.00	32.99	8.69	0.06	41.74	54.00	12.26	Average

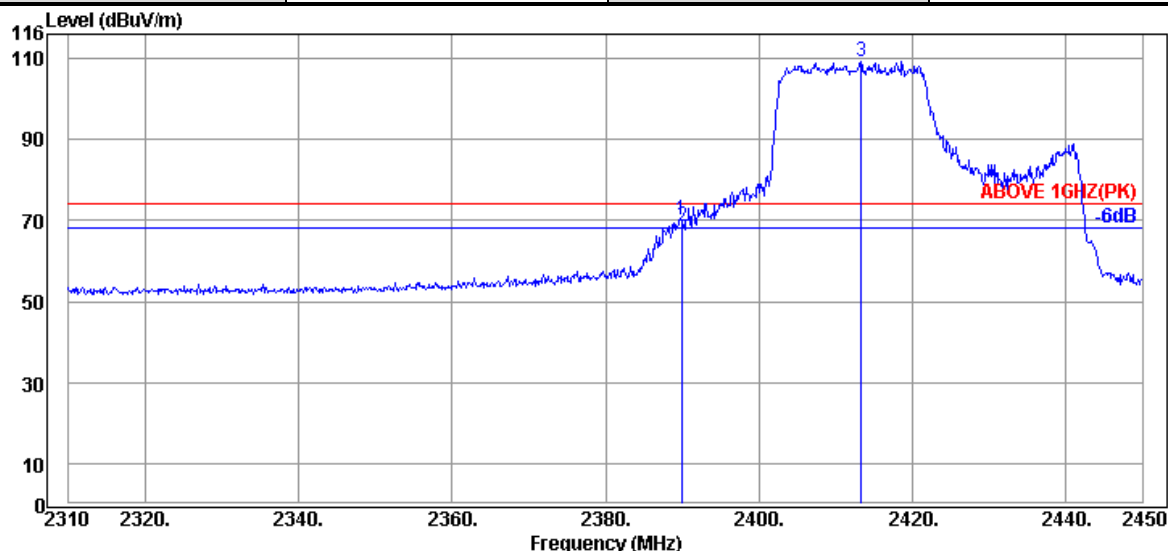
Remark: The "@" means fundamental frequency, it is ignored in this section.

File Number: CIM1911140

Report Number: EM-F190492

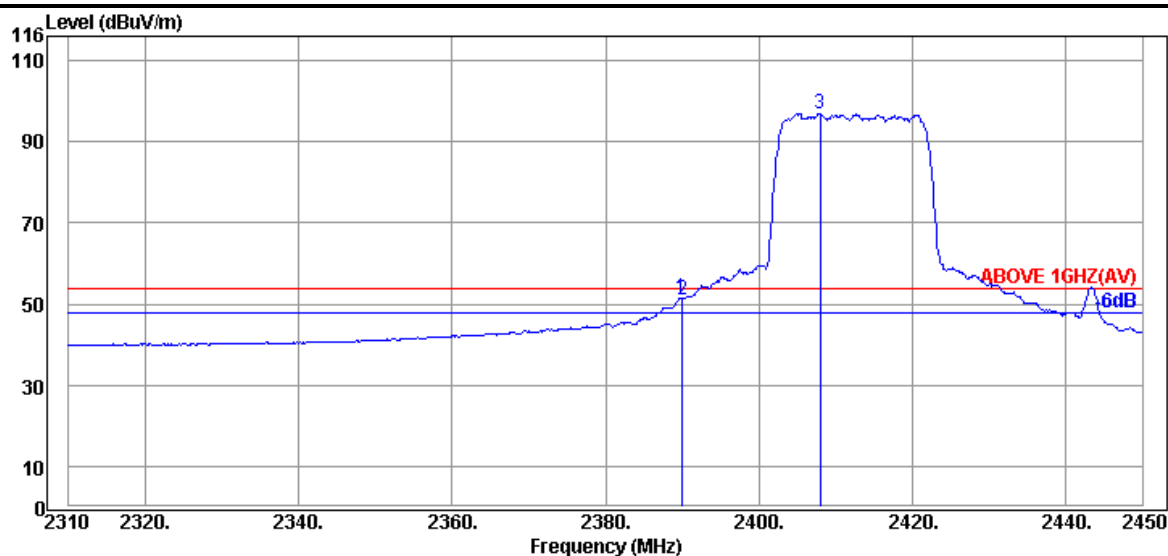
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Mode	802.11ax-HE40	Frequency	TX 2422MHz
		RU Config	242/61



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2389.94	32.00	8.52	29.63	70.15	74.00	3.85	Peak
2390.08	32.00	8.52	27.89	68.41	74.00	5.59	Peak
@ 2413.32	32.19	8.53	68.41	109.13	---	---	Peak



Antenna at Horizontal Polarization

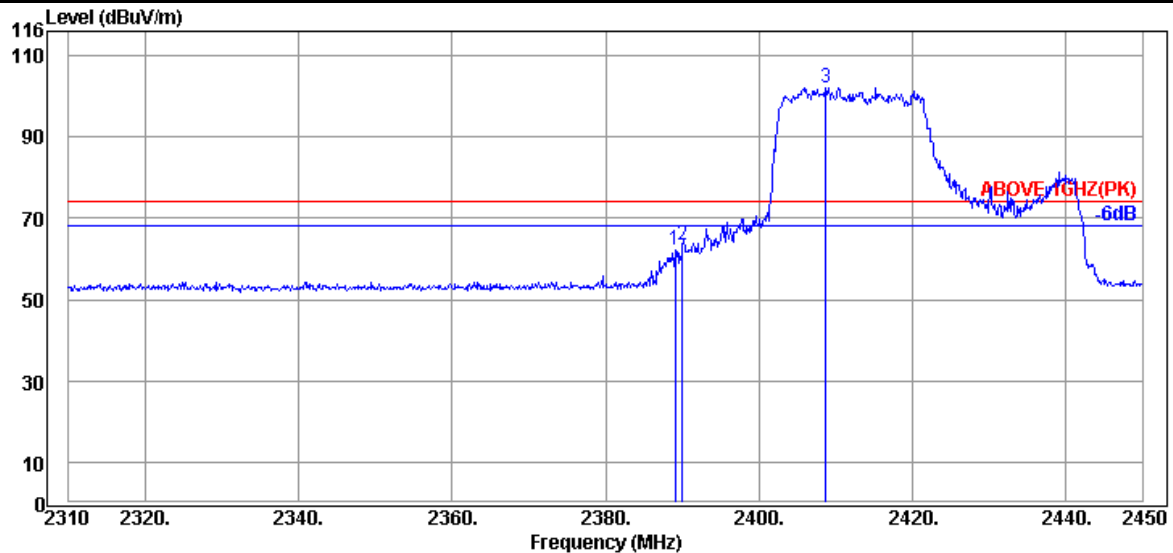
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2389.94	32.00	8.52	10.97	51.49	54.00	2.51	Average
2390.08	32.00	8.52	10.64	51.16	54.00	2.84	Average
@ 2408.00	32.11	8.53	56.25	96.89	---	---	Average

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

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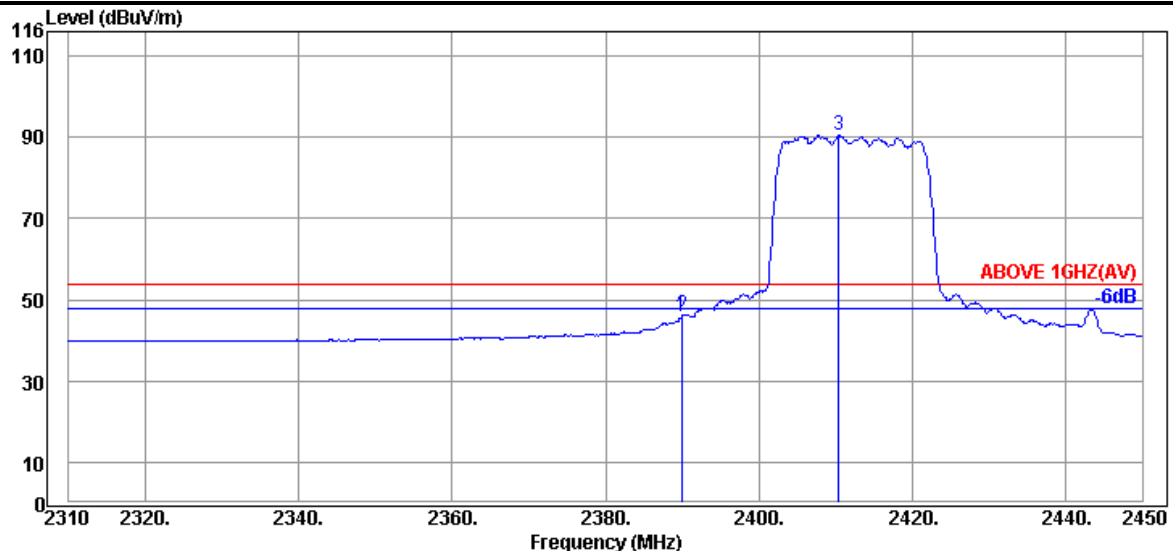
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Mode	802.11ax-HE40	Frequency	TX 2422MHz
		RU Config	242/61



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2389.10	32.00	8.52	21.84	62.36	74.00	11.64	Peak
2390.08	32.00	8.52	23.03	63.55	74.00	10.45	Peak
@ 2408.70	32.12	8.53	61.59	102.24	---	---	Peak

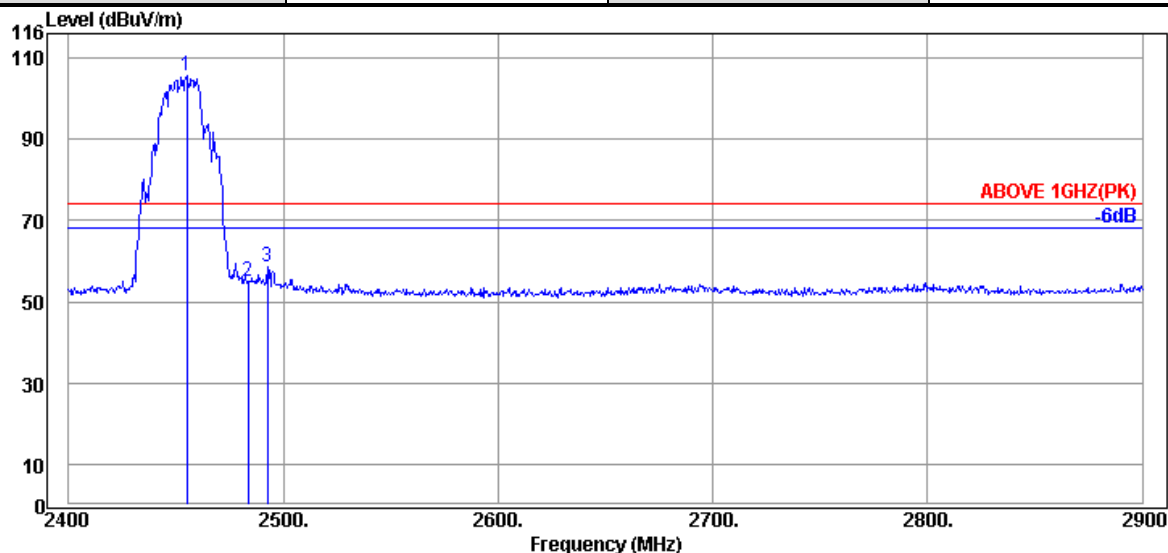


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
2389.94	32.00	8.52	5.25	45.77	54.00	8.23	Average
2390.08	32.00	8.52	5.60	46.12	54.00	7.88	Average
@ 2410.38	32.15	8.53	49.73	90.41	---	---	Average

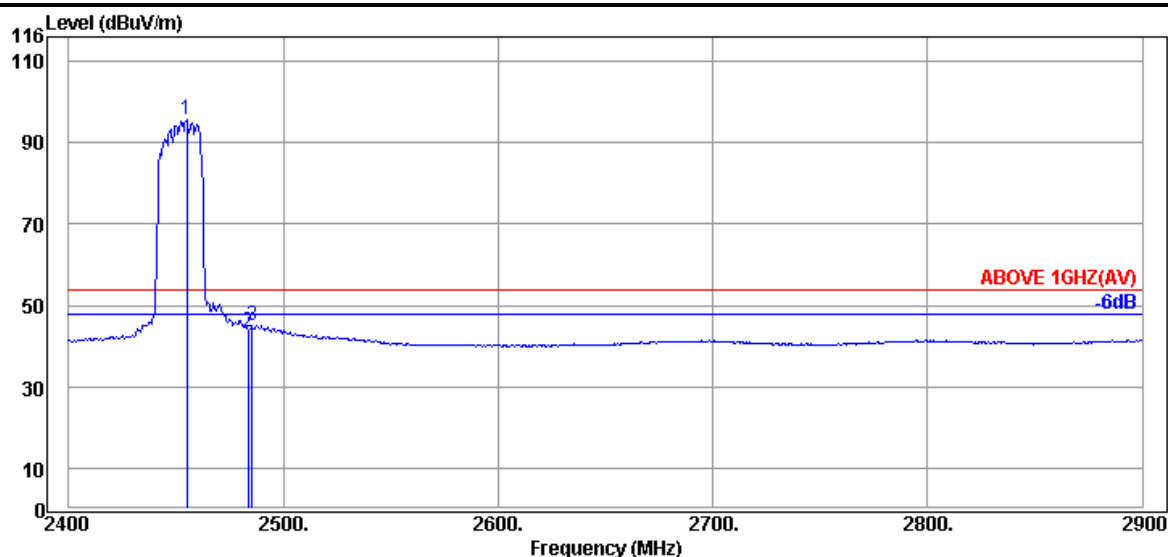
Remark: The "@" means fundamental frequency, it is ignored in this section.

Mode	802.11ax-HE40	Frequency	TX 2462MHz
		RU Config	242/62



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2455.00	32.68	8.57	64.45	105.70	---	---	Peak
2483.50	32.57	8.58	13.72	54.87	74.00	19.13	Peak
2492.50	32.53	8.59	17.60	58.72	74.00	15.28	Peak



Antenna at Horizontal Polarization

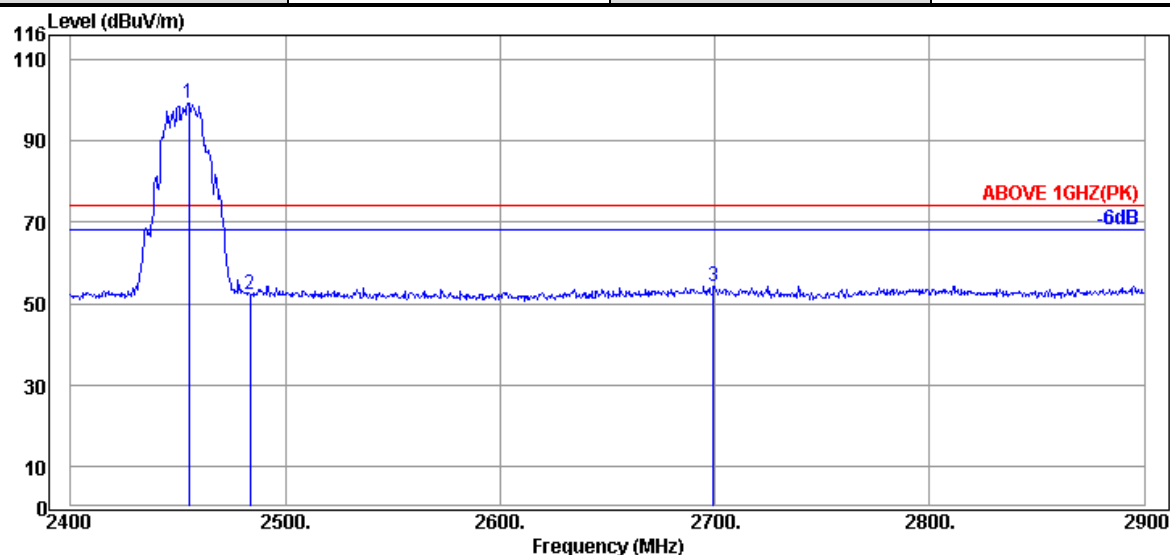
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2455.00	32.68	8.57	54.28	95.53	---	---	Average
2483.50	32.57	8.58	2.36	43.51	54.00	10.49	Average
2485.50	32.56	8.58	3.83	44.97	54.00	9.03	Average

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

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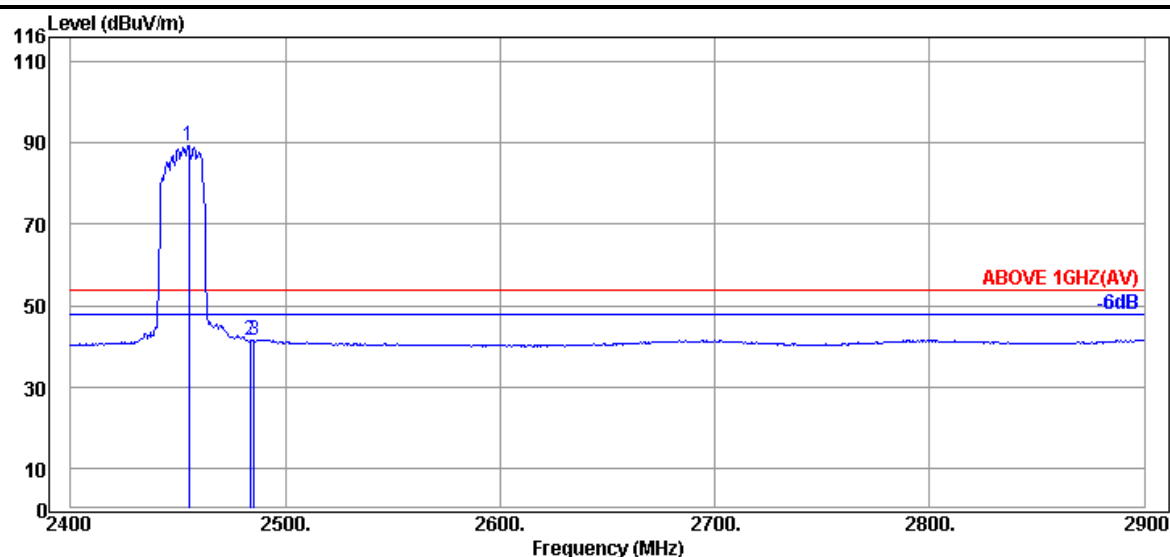
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Mode	802.11ax-HE40	Frequency	TX 2462MHz
		RU Config	242/62



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2455.00	32.68	8.57	58.17	99.42	---	---	Peak
2483.50	32.57	8.58	11.27	52.42	74.00	21.58	Peak
2699.50	32.79	8.64	12.91	54.34	74.00	19.66	Peak



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 2455.00	32.68	8.57	47.96	89.21	---	---	Average
2483.50	32.57	8.58	0.16	41.31	54.00	12.69	Average
2485.50	32.56	8.58	0.42	41.56	54.00	12.44	Average

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

A.2.2 Emissions outside the frequency band:

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

Chipset: MT7668AUN

Mode	802.11b	Frequency	TX 2467MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4934.00	34.43	10.26	-2.84	41.85	54.00	12.15	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4934.00	34.43	10.26	-2.69	42.00	54.00	12.00	Peak

Mode	802.11g	Frequency	TX 2437MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4874.00	34.29	10.24	5.32	49.85	54.00	4.15	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4874.00	34.29	10.24	-1.17	43.36	54.00	10.64	Peak

Mode	802.11n-HT20	Frequency	TX 2437MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4874.00	34.29	10.24	-2.06	42.47	54.00	11.53	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4874.00	34.29	10.24	-3.10	41.43	54.00	12.57	Peak

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Mode	802.11n-HT40	Frequency	TX 2447MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4874.00	34.29	10.24	-3.38	41.15	54.00	12.85	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4874.00	34.29	10.24	-3.84	40.69	54.00	13.31	Peak

Chipset: MT7915DUN

Mode	802.11b	Frequency	TX 2437MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4874.00	34.29	10.24	3.78	48.31	54.00	5.69	Peak
7310.00	35.90	12.11	1.48	49.49	54.00	4.51	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4874.00	34.29	10.24	5.02	49.55	54.00	4.45	Peak
7310.00	35.90	12.11	3.79	51.80	54.00	2.20	Peak

Mode	802.11g	Frequency	TX 2437MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4874.00	34.29	10.24	-0.75	43.78	54.00	10.22	Peak
7316.00	35.90	12.12	-1.58	46.44	54.00	7.56	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4874.00	34.29	10.24	-2.54	41.99	54.00	12.01	Peak
7310.00	35.90	12.11	0.08	48.09	54.00	5.91	Peak

Mode	802.11n-HT20	Frequency	TX 2462MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4924.00	34.45	10.26	-3.65	41.06	54.00	12.94	Peak
7385.00	35.90	12.15	-3.86	44.19	54.00	9.81	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4924.00	34.45	10.26	-3.28	41.43	54.00	12.57	Peak
7388.00	35.90	12.15	-0.78	47.27	54.00	6.73	Peak

Mode	802.11n-HT40	Frequency	TX 2452MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4904.00	34.49	10.25	-3.97	40.77	54.00	13.23	Peak
7355.00	35.90	12.14	-4.76	43.28	54.00	10.72	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4904.00	34.49	10.25	-4.10	40.64	54.00	13.36	Peak
7355.00	35.90	12.14	-4.55	43.49	54.00	10.51	Peak

Mode	802.11ax-HE20	Frequency	TX 2437MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4874.00	34.29	10.24	-3.48	41.05	54.00	12.95	Peak
7307.00	35.90	12.11	-2.12	45.89	54.00	8.11	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4874.00	34.29	10.24	-3.57	40.96	54.00	13.04	Peak
7310.00	35.90	12.11	-0.76	47.25	54.00	6.75	Peak

Mode	802.11ax-HE40	Frequency	TX 2437MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4874.00	34.29	10.24	-3.81	40.72	54.00	13.28	Peak
7310.00	35.90	12.11	-4.68	43.33	54.00	10.67	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
4874.00	34.29	10.24	-4.52	40.01	54.00	13.99	Peak
7310.00	35.90	12.11	-3.74	44.27	54.00	9.73	Peak

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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 8.9 table 4 general radiated emissions limits is not required.



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APPENDIX B

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APPDNDIX B

TEST PHOTOGRAPHS

(Model: WCT750M)