FCC Test Report

FCC ID	:	**HDC-17600074**
Equipment	:	**WiFi 7 10G Router**
Model No.	:	**SDG-8733, SDG-8734** **(Please refer to section 1.1.1 for more details)**
Brand Name	:	**Adtran**
Applicant	:	**Adtran**
Address	:	**901 Explorer Boulevard, Huntsville, Alabama, United States, 35806-2807**
Standard	:	**47 CFR FCC Part 15.247**
Received Date	:	**Mar. 13, 2024**
Tested Date	:	**Mar. 13 ~ Apr. 24, 2024**

We, International Certification Corporation, would like to declare that the tested sample has been evaluated and in compliance with the requirement of the above standards. The test results contained in this report refer exclusively to the product. It shall not be reproduced except in full without the written approval of our laboratory.

Reviewed by:	**Approved by:**
Along Chen / Assistant Manager	**Gary Chang / Manager**

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Appendix F. AC Power Line Conducted Emissions

Release Record

Report No.	Version	Description	Issued Date
FR431301AC	Rev. 01	Initial issue	May 24, 2024

Summary of Test Results

FCC Rules	Test Items	Measured	Result
15.207	AC Power Line Conducted Emission	[dBuV]: 0.435MHz 35.09 (Margin -12.06dB) - AV	Pass
15.247(d) 15.209	Unwanted Emissions	[dBuV/m at 3m]: 2390.00MHz 53.88 (Margin -0.12dB) – AV	Pass
15.247(b)(3)	Conducted Output Power	Max Power [dBm]: ***Non-beamforming mode*** 27.19 ***Beamforming mode*** 27.01	Pass
15.247(a)(2)	6dB Bandwidth	Meet the requirement of limit	Pass
15.247(e)	Power Spectral Density	Meet the requirement of limit	Pass
15.203	Antenna Requirement	Meet the requirement of limit	Pass

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and Explanations:
The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

1 General Description

1.1 Information

1.1.1 Product Details

The following models are provided to this EUT.

Brand Name	Model Name	Product Name	Description
Adtran	SDG-8733	WiFi 7 10G Router	W/O VOIP, With 10G RJ45 WAN Port
	SDG-8734	WiFi 7 10G Router	W/O VOIP, With 10G SFP WAN Port

1.1.2 Specification of the Equipment under Test (EUT)

RF General Information					
Frequency Range (MHz)	**IEEE Std. 802.11**	**Ch. Freq. (MHz)**	**Channel Number**	**Transmit Chains (N_{TX})**	**Data Rate / MCS**
2400-2483.5	b	2412-2462	1-11 [11]	4	1-11 Mbps
2400-2483.5	g	2412-2462	1-11 [11]	4	6-54 Mbps
2400-2483.5	n (HT20)	2412-2462	1-11 [11]	4	MCS 0-31
2400-2483.5	n (HT40)	2422-2452	3-9 [7]	4	MCS 0-31
2400-2483.5	ax (HE20)	2412-2462	1-11 [11]	4	MCS 0-11
2400-2483.5	ax (HE40)	2422-2452	3-9 [7]	4	MCS 0-11
2400-2483.5	be (EHT20)	2412-2462	1-11 [11]	4	MCS 0-13
2400-2483.5	be (EHT40)	2422-2452	3-9 [7]	4	MCS 0-13
Note 1: RF output power specifies that Maximum Conducted (Average) Output Power. Note 2: DSSS-DBPSK, DQPSK, CCK modulation OFDM / OFDMA- BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM and 4096QAM modulation.					

1.1.3 Antenna Details

Ant. No.	Model	Type	Connector	Operating Frequencies (MHz) / Antenna Gain (dBi)				
				2400~2483.5	**5150~5250**	**5250~5350**	**5470~5725**	**5725 ~ 5850**
1	DB1	Dipole	UFL	3.948	5.688	5.607	5.316	4.309
2	DB2	Dipole	UFL	4.92	4.627	4.569	5.03	5.17
3	DB3	Dipole	UFL	3.842	4.597	5.481	6.018	4.796
4	DB4	Dipole	UFL	5.006	6.346	6.51	5.997	5.982
5	SM-DFS	Dipole	UFL	4.092	5.909	5.909	5.159	5.526

1.1.4 Configuration of Equipment under Test (EUT)

Power Supply Type	15Vdc from adapter	
Beamforming	☒ Support	☐ Not support
RU Configuration	☒ Full RU	☐ Partial RU

1.1.5 Accessories

Accessories		
No.	**Equipment**	**Description**
1	AC adapter	Brand: LUCENT TRANS Model: 1A78 I/P: 100-240Vac, 50/60Hz, 1.2A O/P: 15V⎓ 3.0A, 45.0W Power Line: USB 1.8m non-shielded without core
2	AC adapter	Brand: PHIHONG Model: AA45A-59FKD I/P: 100-240Vac, 50/60Hz, 1.2A O/P: 15V⎓3.0A, 45.0W Power Line: USB 1.8m non-shielded without core
3	RJ45	2m non-shielded without core

1.1.6 Channel List

Frequency band (MHz)		**2400~2483.5**	
802.11 b / g / n HT20 / ax HE20 / be EHT20		**802.11n HT40 / ax HE40 / be EHT40**	
Channel	**Frequency(MHz)**	**Channel**	**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	---	---
9	2452	---	---
10	2457	---	---
11	2462	---	---

1.1.7 Test Tool and Duty Cycle

Test Tool	Non-beamforming: QATool, 0.0.2.99 Beamforming: Putty,0.6				
Duty Cycle and Duty Factor	Mode	Non-beamforming		Beamforming	
		Duty cycle (%)	Duty factor (dB)	Duty cycle (%)	Duty factor (dB)
	11b	99.88%	0.01	---	---
	11g	98.96%	0.05	---	---
	be EHT20	99.28%	0.03	99.32%	0.03
	be EHT40	98.10%	0.08	98.68%	0.06

1.1.8 Power Index of Test Tool

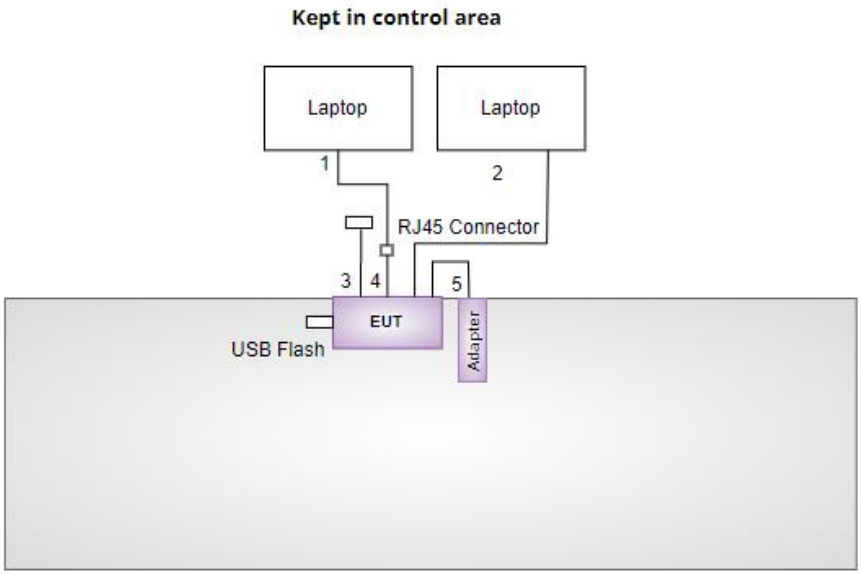
Modulation Mode	Test Frequency (MHz)	Power Index	
		Non-beamforming	Beamforming
11b	2412	21	---
11b	2437	21.5	---
11b	2462	20	---
11g	2412	18.5	---
11g	2437	21.5	---
11g	2462	18.5	---
be EHT20	2412	19	35
be EHT20	2437	21.5	43
be EHT20	2462	17.5	35
be EHT40	2422	18	34
be EHT40	2437	20	38
be EHT40	2452	18	35

1.2 Local Support Equipment List

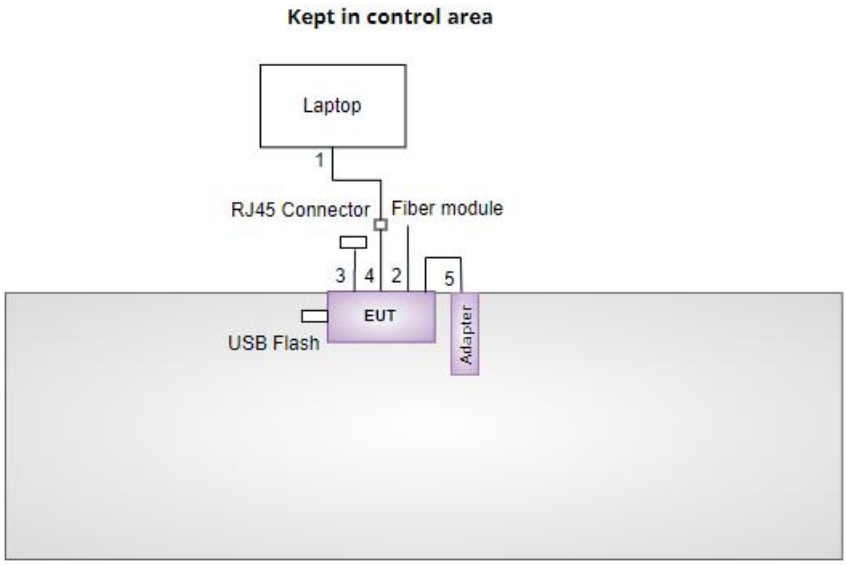
Support Equipment List					
No.	**Equipment**	**Brand**	**Model**	**FCC ID**	**Remarks**
Non-beamforming mode - RJ45 WAN					
1	Laptop	DELL	Latitude 5400	DoC	---
2	Laptop	DELL	Latitude 5400	DoC	---
3	USB Flash	Transcend(USB 3.0)	JetFlash 700	---	---
4	RJ45 Connector	ICC	---	---	---
5	RJ45 Load	ICC	---	---	---
6	Laptop	DELL	Latitude 3440	DoC	Beamforming mode
7	WiFi 7 10G Router	Adtran	SDG-8733	---	Beamforming mode (Provided by applicant)
Non-beamforming mode - SFP WAN					
1	Laptop	DELL	Latitude 5400	DoC	---
2	USB Flash	Transcend(USB 3.0)	JetFlash 700	---	---
3	RJ45 Connector	ICC	---	---	---
4	RJ45 Load	ICC	---	---	---
5	Fiber module	MikroTik	S+RJ10	---	Provided by applicant
6	Laptop	DELL	Latitude 3440	DoC	Beamforming mode
7	WiFi 7 10G Router	Adtran	SDG-8733	---	Beamforming mode (Provided by applicant)

1.3 Test Setup Chart

Non-beamforming mode

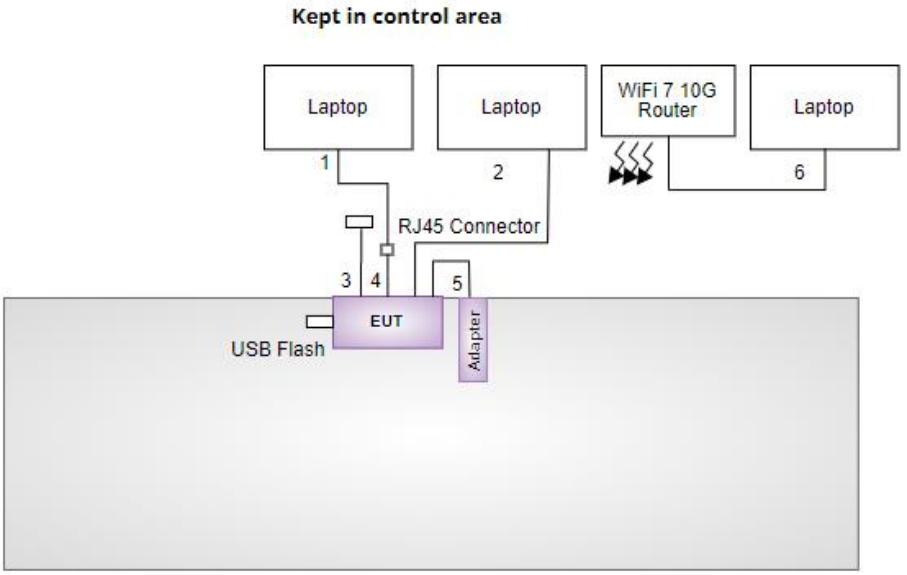
Test Setup Diagram (RJ45 WAN)


No.	Signal cable / Length (m)
1-2	RJ45, 10m non-shielded.
3	RJ45, 1.3m(x3) non-shielded with load.
4	RJ45, 2m non-shielded.
5	USB, 1.8m non-shielded without core

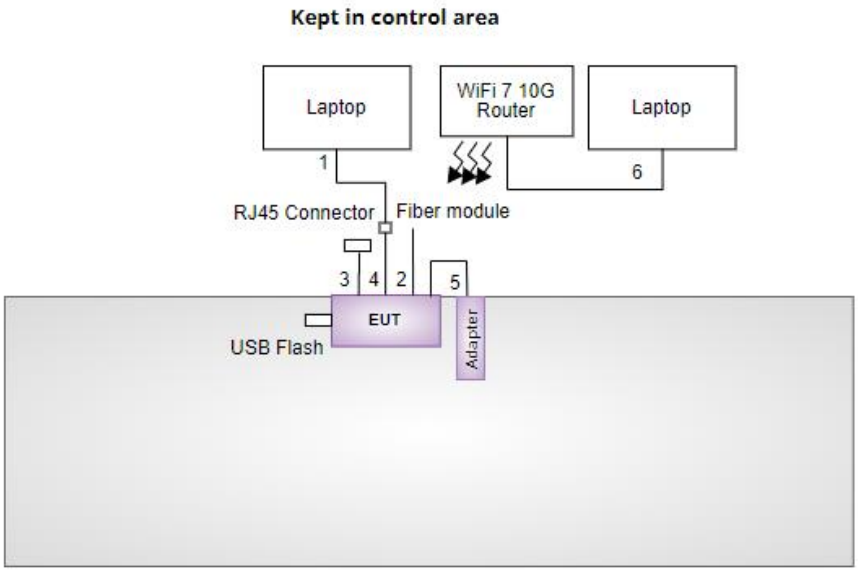
Test Setup Diagram (SFP WAN)


No.	Signal cable / Length (m)
1	RJ45, 10m non-shielded.
2	RJ45, 2m non-shielded.
3	RJ45, 1.3m(x3) non-shielded with load.
4	RJ45, 2m non-shielded.
5	USB, 1.8m non-shielded without core

Beamforming mode

Test Setup Diagram (RJ45 WAN)


No.	Signal cable / Length (m)
1-2	RJ45, 10m non-shielded.
3	RJ45, 1.3m(x3) non-shielded with load.
4	RJ45, 2m non-shielded.
5	USB, 1.8m non-shielded without core
6	RJ45, 1.3m non-shielded.

Test Setup Diagram (SFP WAN)


No.	Signal cable / Length (m)
1	RJ45, 10m non-shielded.
2	RJ45, 2m non-shielded.
3	RJ45, 1.3m(x3) non-shielded with load.
4	RJ45, 2m non-shielded.
5	USB, 1.8m non-shielded without core
6	RJ45, 1.3m non-shielded.

1.4 The Equipment List

Test Item	Conducted Emission				
Test Site	Conduction room 1 / (CO01-WS)				
Tested Date	Apr. 19, 2024				
Instrument	**Brand**	**Model No.**	**Serial No.**	**Calibration Date**	**Calibration Until**
Receiver	R&S	ESR3	101658	Feb. 23, 2024	Feb. 22, 2025
LISN	R&S	ENV216	101579	May 09, 2023	May 08, 2024
RF Cable-CON	Woken	CFD200-NL	CFD200-NL-001	Oct. 11, 2023	Oct. 10, 2024
LISN (Support Unit)	SCHWARZBECK	Schwarzbeck 8127	8127667	Jan. 10, 2024	Jan. 09, 2025
50 ohm terminal (Support Unit)	NA	50	01	Jun. 14, 2023	Jun. 13, 2024
Measurement Software	AUDIX	e3	6.120210k	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

Test Item	Radiated Emission				
Test Site	966 chamber1 / (03CH01-WS)				
Tested Date	Mar. 13 ~ Apr. 12, 2024				
Instrument	**Brand**	**Model No.**	**Serial No.**	**Calibration Date**	**Calibration Until**
Receiver	R&S	ESR3	101657	Mar. 05, 2024	Mar. 04, 2025
Spectrum Analyzer	R&S	FSV40	101498	Nov. 23, 2023	Nov. 22, 2024
Loop Antenna	R&S	HFH2-Z2	100330	Oct. 31, 2023	Oct. 30, 2024
Bilog Antenna	SCHWARZBECK	VULB9168	VULB9168-522	Jul. 31, 2023	Jul. 30, 2024
Horn Antenna 1G-18G	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1096	Nov. 27, 2023	Nov. 26, 2024
Horn Antenna 18G-40G	SCHWARZBECK	BBHA 9170	BBHA 9170517	Oct. 30, 2023	Oct. 29, 2024
Preamplifier	EMC	EMC02325	980225	Jun. 28, 2023	Jun. 27, 2024
Preamplifier	EMC	EMC118A45SE	980898	Jul. 14, 2023	Jul. 13, 2024
Preamplifier	EMC	EMC184045SE	980903	Jul. 17, 2023	Jul. 16, 2024
Loop Antenna Cable	KOAX KABEL	101354-BW	101354-BW	Oct. 03, 2023	Oct. 02, 2024
LF cable 3M	Woken	CFD400NL-LW	CFD400NL-001	Oct. 03, 2023	Oct. 02, 2024
LF cable 11M	EMC	EMCCFD400-NW-NW-11000	200801	Oct. 03, 2023	Oct. 02, 2024
LF cable 1M	EMC	EMCCFD400-NM-NM-1000	160502	Oct. 03, 2023	Oct. 02, 2024
RF Cable	EMC	EMC104-35M-35M-8000	210920	Oct. 03, 2023	Oct. 02, 2024
RF Cable	EMC	EMC104-35M-35M-3000	210922	Oct. 03, 2023	Oct. 02, 2024
HIGHPASS FILTER 3.1-18G	WHK	WHK3.1/18G-10SS	39	Oct. 05, 2023	Oct. 04, 2024
Attenuator	Pasternack	PE7005-10	10-1	Oct. 05, 2023	Oct. 04, 2024
Measurement Software	AUDIX	e3	6.120210g	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

Test Item	RF Conducted				
Test Site	(TH01-WS)				
Tested Date	Mar. 18 ~ Apr. 24, 2024				
Instrument	**Brand**	**Model No.**	**Serial No.**	**Calibration Date**	**Calibration Until**
Spectrum Analyzer	R&S	FSV40	101498	Nov. 23, 2023	Nov. 22, 2024
Power Meter	Anritsu	ML2495A	1241002	Nov. 21, 2023	Nov. 20, 2024
Power Sensor	Anritsu	MA2411B	1207366	Nov. 21, 2023	Nov. 20, 2024
Attenuator	Pasternack	PE7005-10	10-2	Oct. 05, 2023	Oct. 04, 2024
Measurement Software	Sporton	SENSE-15247_DTS	V5.11	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

1.5 Test Standards

47 CFR FCC Part 15.247
ANSI C63.10-2013

1.6 Reference Guidance

FCC KDB 558074 D01 15.247 Meas Guidance v05r02
FCC KDB 662911 D01 Multiple Transmitter Output v02r01

1.7 Deviation from Test Standard and Measurement Procedure

None

1.8 Measurement Uncertainty

The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2)).

Measurement Uncertainty	
Parameters	**Uncertainty**
Bandwidth	±34.130 Hz
Conducted power	±0.808 dB
Power density	±0.583 dB
Conducted emission	±2.715 dB
AC conducted emission	±2.92 dB
Unwanted Emission ≤ 1GHz	±3.41 dB
Unwanted Emission > 1GHz	±4.59 dB

2 Test Configuration

2.1 Testing Facility

Test Laboratory	International Certification Corporation
Test Site	CO01-WS, 03CH01-WS, TH01-WS
Address of Test Site	No.3-1, Lane 6, Wen San 3rd St., Kwei Shan Dist., Tao Yuan City 33381, Taiwan (R.O.C.)

- FCC Designation No.: TW2732
- FCC site registration No.: 181692
- ISED#: 10807A
- CAB identifier: TW2732

2.2 The Worst Test Modes and Channel Details

Test item	Modulation Mode	Test Frequency (MHz)	Data Rate	Test Configuration
Non-beamforming mode				
AC Power Line Conducted Emission	11b	2437	1 Mbps	1, 2
Unwanted Emissions ≤ 1GHz	11b	2437	1 Mbps	1, 2
Unwanted Emissions >1GHz Conducted Output Power 6dB bandwidth Power spectral density	11b 11g be EHT20 be EHT40	2412 / 2437 / 2462 2412 / 2437 / 2462 2412 / 2437 / 2462 2422 / 2437 / 2452	1 Mbps 6 Mbps MCS 0 MCS 0	1
Beamforming mode				
AC Power Line Conducted Emission	be EHT20	2437	MCS 0	1, 2
Unwanted Emissions ≤1GHz	be EHT20	2437	MCS 0	1, 2
Unwanted Emissions >1GHz Conducted Output Power 6dB bandwidth Power spectral density	be EHT20 be EHT40	2412 / 2437 / 2462 2422 / 2437 / 2452	MCS 0 MCS 0	1

NOTE:

1. Two adapters (LUCENT TRANS & PHIHONG) had been covered during the pretest and found that PHIHONG adapter was the worst case for radiated emission test and LUCENT TRANS adapter was the worst case for conducted emission test.
2. The EUT had been tested by following test configurations.
   1) Configuration 1: Model: SDG-8733
   2) Configuration 2: Model: SDG-8734

3 Transmitter Test Results

3.1 6dB and Occupied Bandwidth

3.1.1 Limit of 6dB Bandwidth

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

3.1.2 Test Procedures

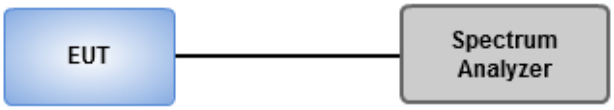
6dB Bandwidth

1. Set resolution bandwidth (RBW) = 100 kHz, Video bandwidth = 300 kHz.
2. Detector = Peak, Trace mode = max hold.
3. Sweep = auto couple, Allow the trace to stabilize.
4. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower) that are attenuated by 6dB relative to the maximum level measured in the fundamental emission.

Occupied Bandwidth

1. Set resolution bandwidth (RBW) = 1% ~ 5 % of OBW, Video bandwidth = 3 x RBW
2. Detector = Sample, Trace mode = max hold.
3 Sweep = auto couple, Allow the trace to stabilize.
4. Use the OBW measurement function of spectrum analyzer to measure the occupied bandwidth.

3.1.3 Test Setup



3.1.4 Test Results

Ambient Condition	22-24°C / 63-66%	**Tested By**	Akun Chung

Refer to Appendix A.

3.2 Conducted Output Power

3.2.1 Limit of Conducted Output Power

Conducted power shall not exceed 1Watt.

Antenna gain <= 6dBi, no any corresponding reduction is in output power limit.

Antenna gain > 6dBi

Non Fixed, point to point operations.
The conducted output power from the intentional radiator shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dB

Fixed, point to point operations
Systems operating in the 2400–2483.5 MHz band that are used exclusively for fixed, point-to-point Operations, maximum peak output power of the intentional radiator is reduced by 1 dB for every 3 dB that the directional gain of the antenna exceeds 6 dBi.

3.2.2 Test Procedures

A broadband RF power meter is used for output power measurement. The video bandwidth of power meter is greater than DTS bandwidth of EUT. If duty cycle of test signal is not 100 %, trigger and gating function of power meter will be enabled to capture transmission burst for measuring output power.

3.2.3 Test Setup

3.2.4 Test Results

Ambient Condition	22-24°C / 63-66%	**Tested By**	Akun Chung

Refer to Appendix B.

3.3 Power Spectral Density

3.3.1 Limit of Power Spectral Density

Power spectral density shall not be greater than 8 dBm in any 3 kHz band.

3.3.2 Test Procedures

Peak PSD

1. Set the RBW = 3 kHz, VBW = 10 kHz.
2. Detector = Peak, Sweep time = auto couple.
3. Trace mode = max hold, allow trace to fully stabilize.
4. Use the peak marker function to determine the maximum amplitude level.

Average PSD, duty cycle ≥ 98%

1. Set the RBW = 3 kHz, VBW = 10 kHz.
2. Detector = RMS, Sweep time = auto couple.
3. Sweep time = auto couple.
4. Employ trace averaging (RMS) mode over a minimum of 100 traces.
5. Use the peak marker function to determine the maximum amplitude level.

Average PSD, duty cycle < 98%

1 Set the RBW = 3 kHz, VBW = 10 kHz

2 Detector = RMS, Sweep time = auto couple.

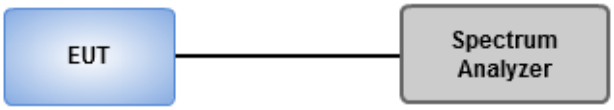
3 Sweep time = auto couple.

4 Employ trace averaging (RMS) mode over a minimum of 100 traces.

5 Use the peak marker function to determine the maximum amplitude level.

6 Add 10 log (1/x), where x is the duty cycle.

3.3.3 Test Setup



3.3.4 Test Results

Ambient Condition	22-24°C / 63-66%	**Tested By**	Akun Chung

Refer to Appendix C.

3.4 Unwanted Emissions into Restricted Frequency Bands

3.4.1 Limit of Unwanted Emissions into Restricted Frequency Bands

Restricted Band Emissions Limit			
Frequency Range (MHz)	**Field Strength (uV/m)**	**Field Strength (dBuV/m)**	**Measure Distance (m)**
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3
216~960	200	46	3
Above 960	500	54	3

Note 1:
Qusai-Peak value is measured for frequency below 1GHz except for 9–90 kHz, 110–490 kHz frequency band. Peak and average value are measured for frequency above 1GHz. The limit on average radio frequency emission is as above table. The limit on peak radio frequency emissions is 20 dB above the maximum permitted average emission limit
Note 2:
Measurements may be performed at a distance other than what is specified provided. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor as below, Frequency at or above 30 MHz: 20 dB/decade Frequency below 30 MHz: 40 dB/decade.

3.4.2 Test Procedures

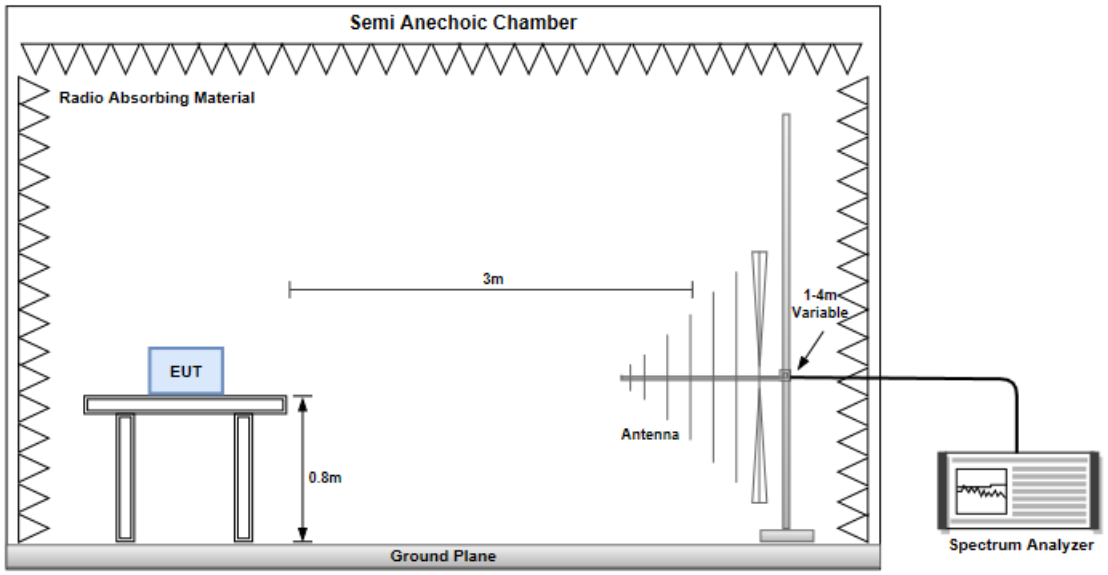
1. Measurement is made at a semi-anechoic chamber that incorporates a turntable allowing a EUT rotation of 360°. A continuously-rotating, remotely-controlled turntable is installed at the test site to support the EUT and facilitate determination of the direction of maximum radiation for each EUT emission frequency. The EUT is placed at test table. For emissions testing at or below 1 GHz, the table height is 80 cm above the reference ground plane. For emission measurements above 1 GHz, the table height is 1.5 m
2. Measurement is made with the antenna positioned in both the horizontal and vertical planes of polarization. The measurement antenna is varied in height (1m ~ 4m) above the reference ground plane to obtain the maximum signal strength. Distance between EUT and antenna is 3 m.
3. This investigation is performed with the EUT rotated 360°, the antenna height scanned between 1 m and 4 m, and the antenna rotated to repeat the measurements for both the horizontal and vertical antenna polarizations.

Note:

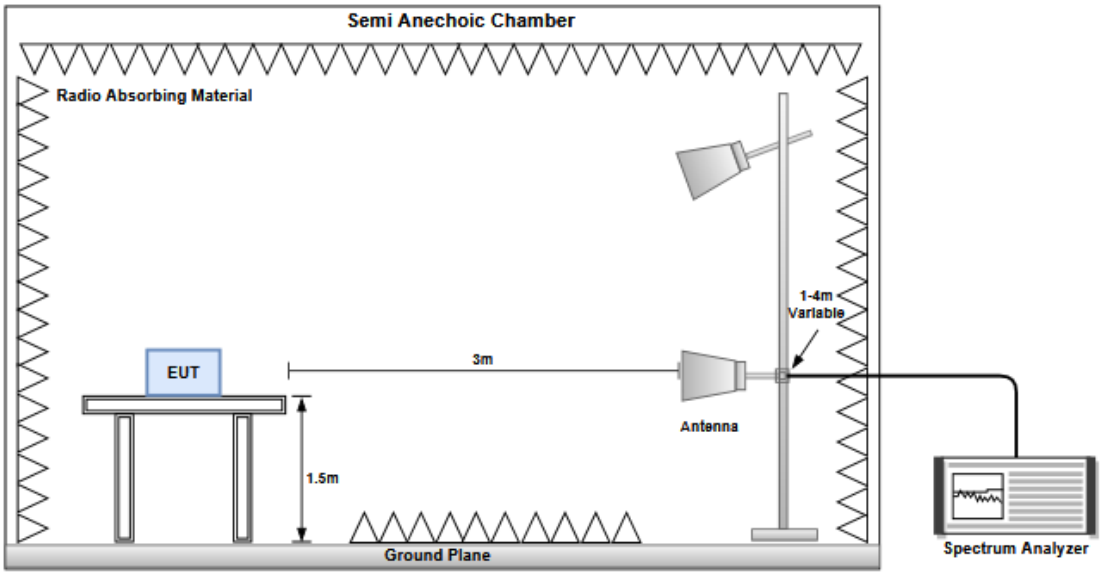
1. 120kHz measurement bandwidth of test receiver and Quasi-peak detector is for radiated emission below 1GHz.
2. RBW=1MHz, VBW=3MHz and Peak detector is for peak measured value of radiated emission above 1GHz.
3. RBW=1MHz, VBW=1/T and Peak detector is for average measured value of radiated emission above 1GHz.

3.4.3 Test Setup

Radiated Emissions below 1 GHz



Radiated Emissions above 1 GHz



3.4.4 Test Results

Refer to Appendix D.

3.5 Emissions in Non-Restricted Frequency Bands

3.5.1 Emissions in Non-Restricted Frequency Bands Limit

Peak power in any 100 kHz bandwidth outside of the authorized frequency band shall be attenuated by at least 30 dB relative to the maximum in-band peak PSD level in 100 kHz.

3.5.2 Test Procedures

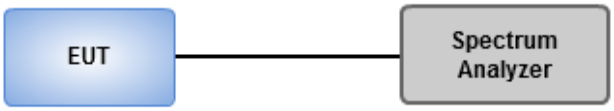
Reference level measurement

1. Set RBW=100kHz, VBW = 300kHz , Detector = Peak, Sweep time = Auto
2. Trace = max hold , Allow Trace to fully stabilize
3. Use the peak marker function to determine the maximum PSD level

Emission level measurement

1. Set RBW=100kHz, VBW = 300kHz , Detector = Peak, Sweep time = Auto
2. Trace = max hold , Allow Trace to fully stabilize
3. Scan Frequency range is up to 25GHz
4. Use the peak marker function to determine the maximum amplitude level

3.5.3 Test Setup



3.5.4 Test Results

Ambient Condition	22-24°C / 63-66%	Tested By	Akun Chung

Refer to Appendix E.

3.6 AC Power Line Conducted Emissions

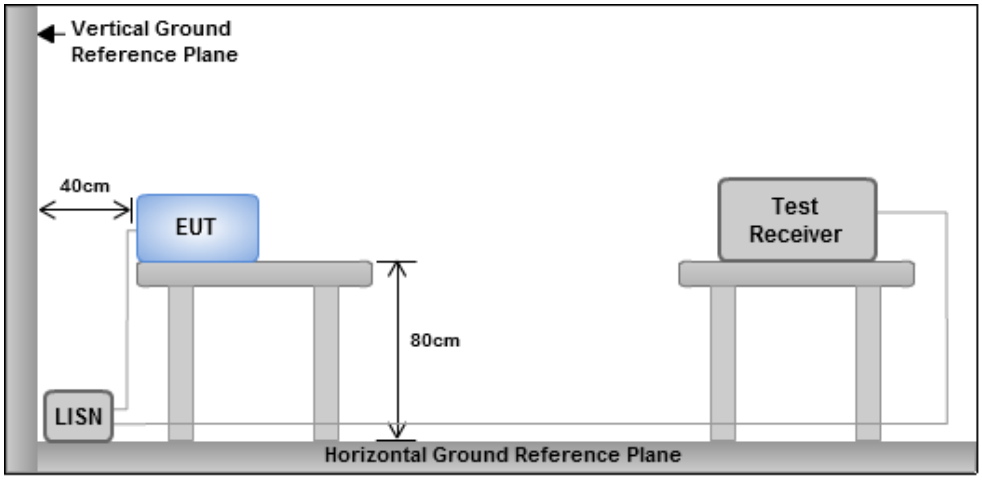
3.6.1 Limit of AC Power Line Conducted Emissions

Conducted Emissions Limit		
Frequency Emission (MHz)	**Quasi-Peak**	**Average**
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50
Note 1: * Decreases with the logarithm of the frequency.		

3.6.2 Test Procedures

1. The device is placed on a test table, raised 80 cm above the reference ground plane. The vertical conducting plane is located 40 cm to the rear of the device.
2. The device is connected to line impedance stabilization network (LISN) and other accessories are connected to other LISN. Measured levels of AC power line conducted emission are across the 50 Ω LISN port.
3. AC conducted emission measurements is made over frequency range from 150 kHz to 30 MHz.
4. This measurement was performed with AC 120V / 60Hz.

3.6.3 Test Setup



Note: 1. Support units were connected to second LISN.

2. Both of LISNs (AMN) are 80 cm from EUT and at least 80 cm from other units and other metal planes

3.6.4 Test Results

Refer to Appendix F.

4 Test laboratory information

Established in 2012, ICC provides foremost EMC & RF Testing and advisory consultation services by our skilled engineers and technicians. Our services employ a wide variety of advanced edge test equipment and one of the widest certification extents in the business.

International Certification Corporation (EMC and Wireless Communication Laboratory), it is our definitive objective is to institute long term, trust-based associations with our clients. The expectation we set up with our clients is based on outstanding service, practical expertise and devotion to a certified value structure. Our passion is to grant our clients with best EMC / RF services by oriented knowledgeable and accommodating staff.

Our Test sites are located at Linkou District and Kwei Shan District. Location map can be found on our website http://www.icertifi.com.tw.

Linkou

Tel: 886-2-2601-1640

No.30-2, Ding Fwu Tsuen, Lin Kou District, New Taipei City, Taiwan (R.O.C.)

Kwei Shan

Tel: 886-3-271-8666

No.3-1, Lane 6, Wen San 3rd St., Kwei Shan Dist., Tao Yuan City 33381, Taiwan (R.O.C.)

No.2-1, Lane 6, Wen San 3rd St., Kwei Shan Dist., Tao Yuan City 33381, Taiwan (R.O.C.)

Kwei Shan Site II

Tel: 886-3-271-8640

No.14-1, Lane 19, Wen San 3rd St., Kwei Shan Dist., Tao Yuan City 33381, Taiwan (R.O.C.)

If you have any suggestion, please feel free to contact us as below information.

Tel: 886-3-271-8666
Fax: 886-3-318-0345
Email: ICC_Service@icertifi.com.tw

==END==

Non-beamforming mode

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11b_Nss1,(1Mbps)_4TX	8.525M	13.284M	13M3G1D	7.1M	12.675M
802.11g_Nss1,(6Mbps)_4TX	16.3M	17.065M	17M1D1D	15.325M	16.294M
802.11be EHT20_Nss1,(MCS0)_4TX	18.575M	18.968M	19M0D1D	17.4M	18.792M
802.11be EHT40_Nss1,(MCS0)_4TX	36.35M	37.708M	37M7D1D	33.8M	37.329M

Max-N dB = Maximum 6dB down bandwidth; Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth; Min-OBW = Minimum 99% occupied bandwidth

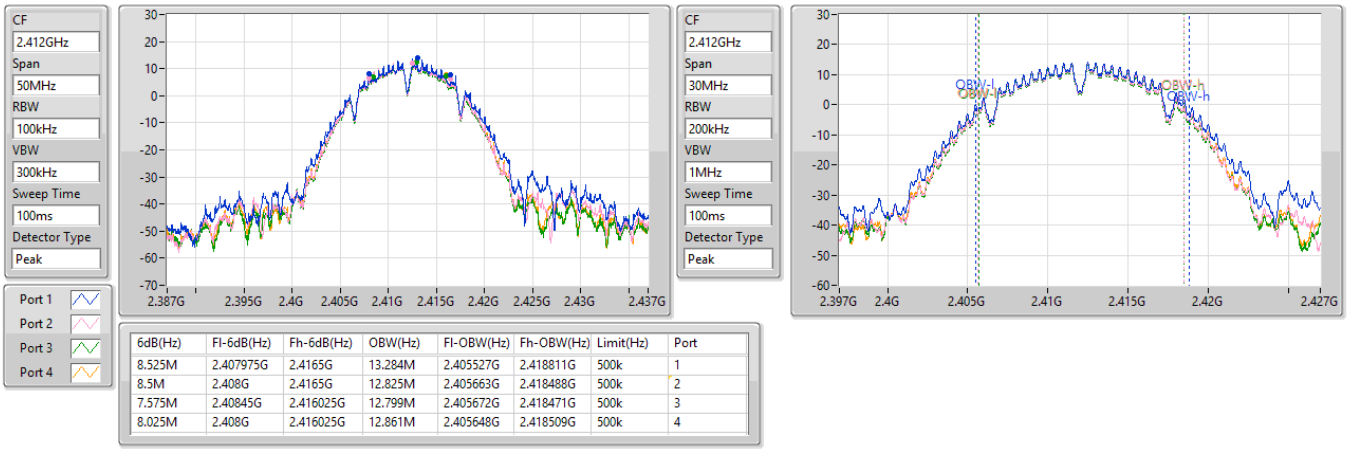
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	8.525M	13.284M	8.5M	12.825M	7.575M	12.799M	8.025M	12.861M
2437MHz	Pass	500k	8.05M	12.849M	7.55M	12.738M	8.025M	12.831M	7.1M	12.69M
2462MHz	Pass	500k	8M	12.809M	7.575M	12.678M	7.55M	12.777M	7.55M	12.675M
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	15.625M	16.367M	16M	16.33M	16.025M	16.294M	16.3M	16.316M
2437MHz	Pass	500k	15.325M	16.765M	15.625M	16.737M	15.65M	17.065M	15.375M	16.706M
2462MHz	Pass	500k	15.625M	16.338M	16M	16.348M	15.65M	16.365M	16.275M	16.371M
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	18.05M	18.825M	17.65M	18.834M	18.075M	18.808M	18M	18.823M
2437MHz	Pass	500k	18.2M	18.944M	17.4M	18.921M	17.9M	18.968M	17.975M	18.916M
2462MHz	Pass	500k	18.3M	18.792M	18.025M	18.803M	18.35M	18.837M	18.575M	18.819M
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	500k	34M	37.457M	36.35M	37.459M	35.95M	37.515M	35.55M	37.526M
2437MHz	Pass	500k	36.15M	37.708M	35M	37.617M	36.1M	37.603M	35M	37.608M
2452MHz	Pass	500k	33.8M	37.445M	35M	37.514M	35.05M	37.329M	35M	37.482M

Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX **EBW**

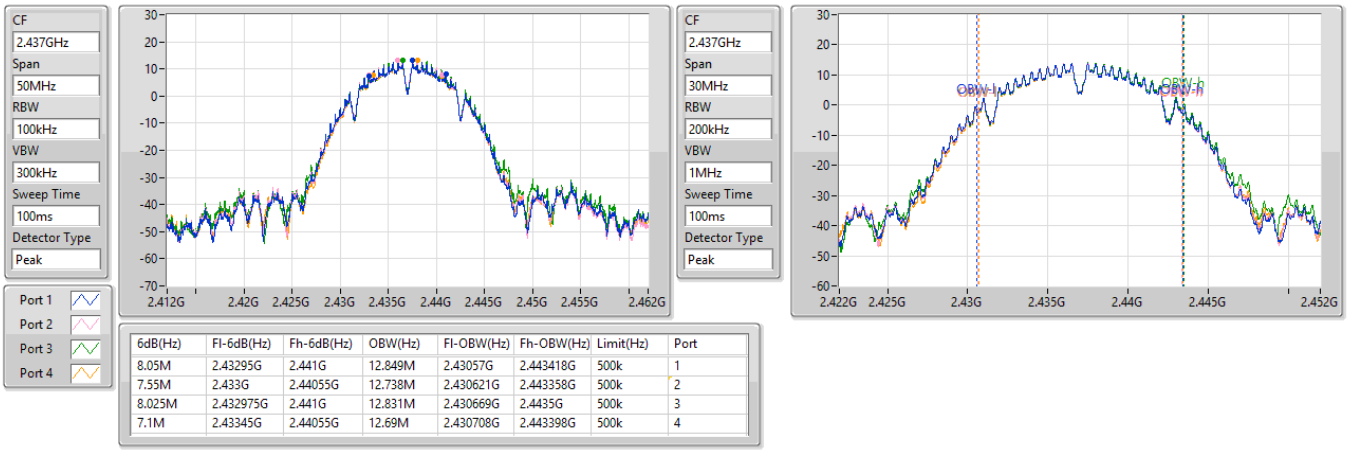
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.525M	2.407975G	2.4165G	13.284M	2.405527G	2.418811G	500k	1
8.5M	2.408G	2.4165G	12.825M	2.405663G	2.418488G	500k	2
7.575M	2.40845G	2.416025G	12.799M	2.405672G	2.418471G	500k	3
8.025M	2.408G	2.416025G	12.861M	2.405648G	2.418509G	500k	4

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX **EBW**

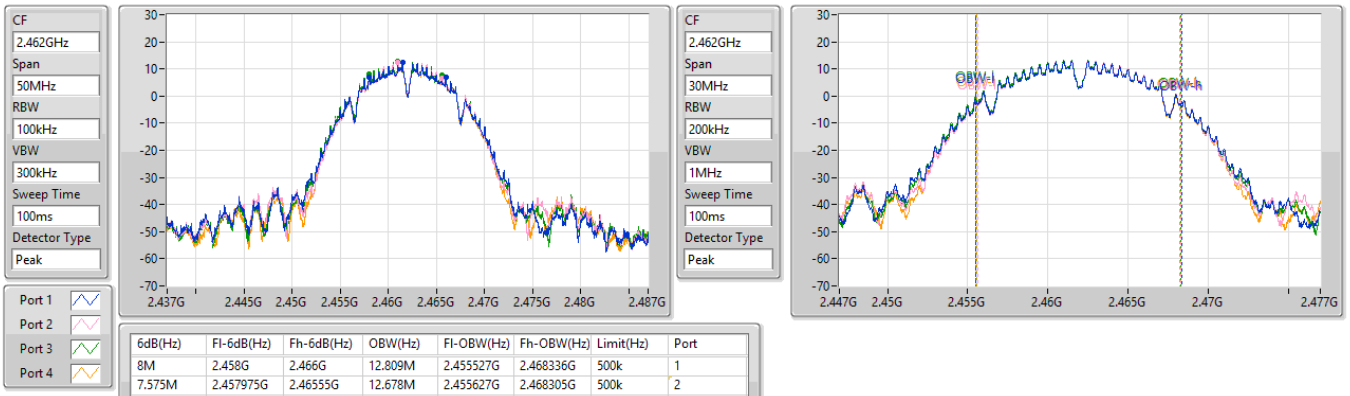
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8.05M	2.43295G	2.441G	12.849M	2.43057G	2.443418G	500k	1
7.55M	2.433G	2.44055G	12.738M	2.430621G	2.443358G	500k	2
8.025M	2.432975G	2.441G	12.831M	2.430669G	2.4435G	500k	3
7.1M	2.43345G	2.44055G	12.69M	2.430708G	2.443398G	500k	4

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX **EBW**

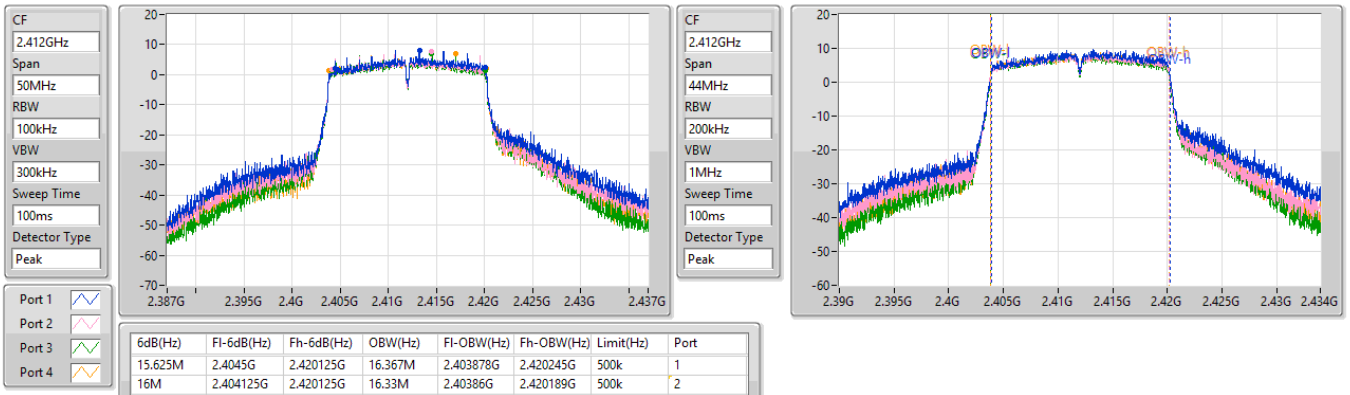
2462MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
8M	2.458G	2.466G	12.809M	2.455527G	2.468336G	500k	1
7.575M	2.457975G	2.46555G	12.678M	2.455627G	2.468305G	500k	2
7.55M	2.457975G	2.465525G	12.777M	2.455497G	2.468275G	500k	3
7.55M	2.457975G	2.465525G	12.675M	2.455564G	2.468238G	500k	4

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX **EBW**

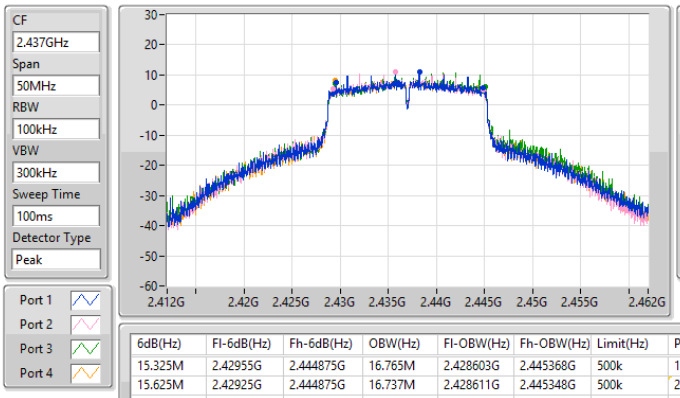
2412MHz

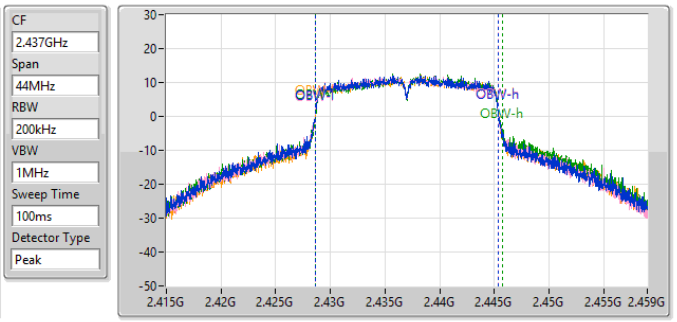


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.625M	2.4045G	2.420125G	16.367M	2.403878G	2.420245G	500k	1
16M	2.404125G	2.420125G	16.33M	2.40386G	2.420189G	500k	2
16.025M	2.4041G	2.420125G	16.294M	2.403867G	2.420161G	500k	3
16.3M	2.40385G	2.42015G	16.316M	2.403864G	2.42018G	500k	4

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX **EBW**

2437MHz

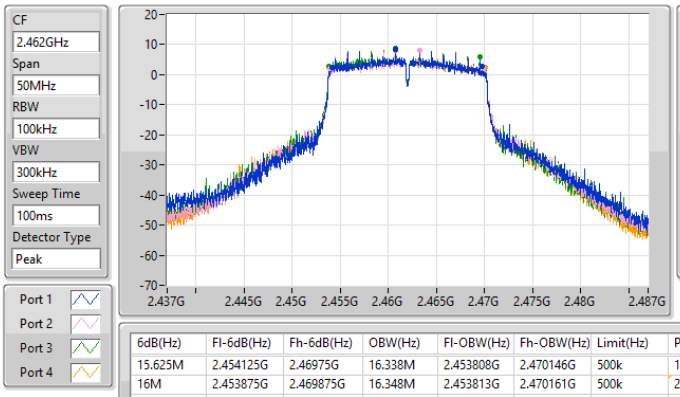


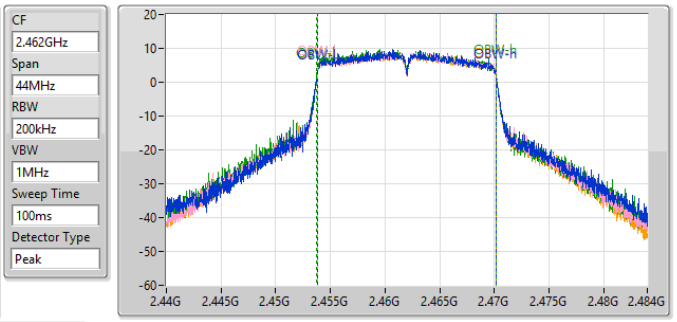


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.325M	2.42955G	2.444875G	16.765M	2.428603G	2.445368G	500k	1
15.625M	2.42925G	2.444875G	16.737M	2.428611G	2.445348G	500k	2
15.65M	2.429475G	2.445125G	17.065M	2.428644G	2.445708G	500k	3
15.375M	2.429525G	2.4449G	16.706M	2.428681G	2.445387G	500k	4

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX **EBW**

2462MHz

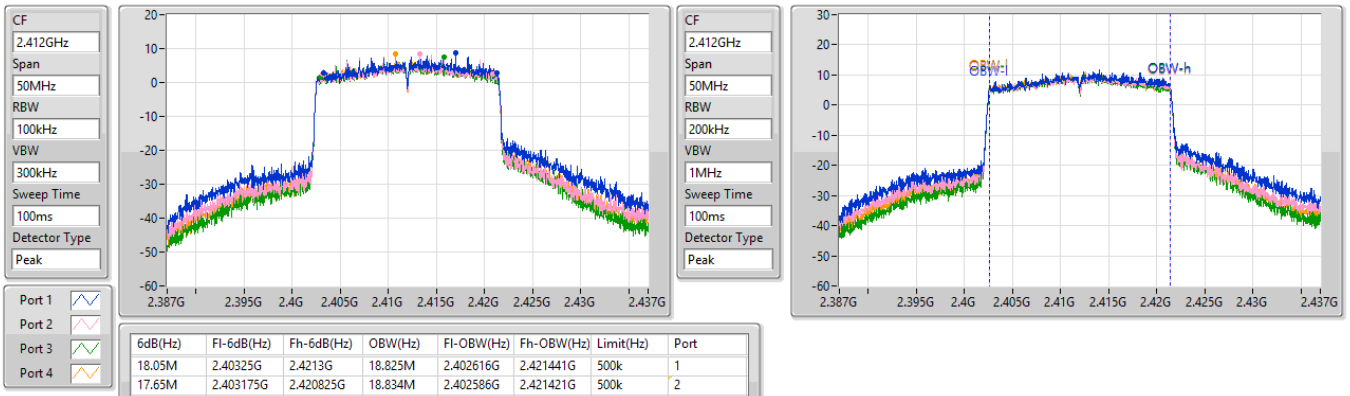




6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.625M	2.454125G	2.46975G	16.338M	2.453808G	2.470146G	500k	1
16M	2.453875G	2.469875G	16.348M	2.453813G	2.470161G	500k	2
15.65M	2.453825G	2.469475G	16.365M	2.453774G	2.470139G	500k	3
16.275M	2.45385G	2.470125G	16.371M	2.453785G	2.470156G	500k	4

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_4TX **EBW**

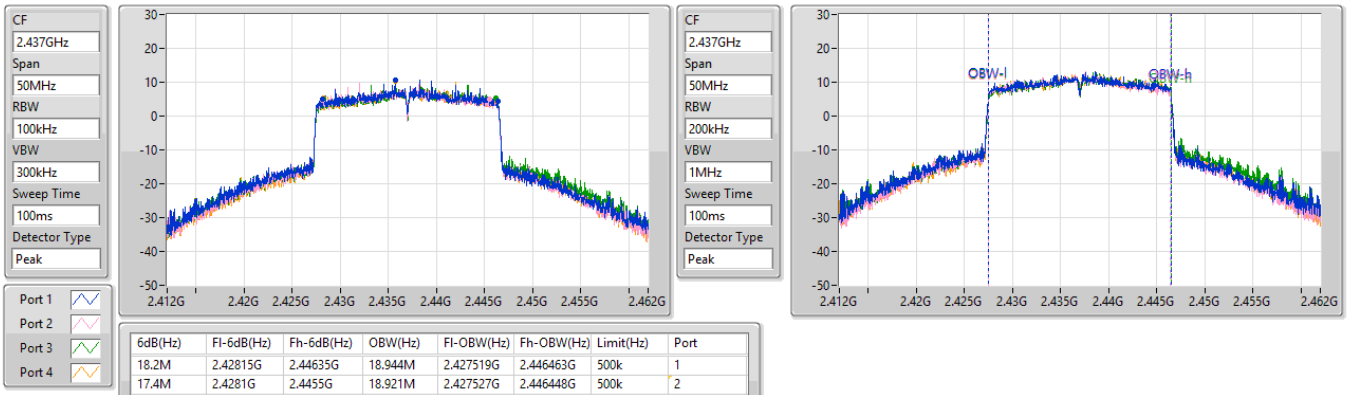
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.05M	2.40325G	2.4213G	18.825M	2.402616G	2.421441G	500k	1
17.65M	2.403175G	2.420825G	18.834M	2.402586G	2.421421G	500k	2
18.075M	2.402925G	2.421G	18.808M	2.402597G	2.421405G	500k	3
18M	2.403225G	2.421225G	18.823M	2.402586G	2.421409G	500k	4

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_4TX **EBW**

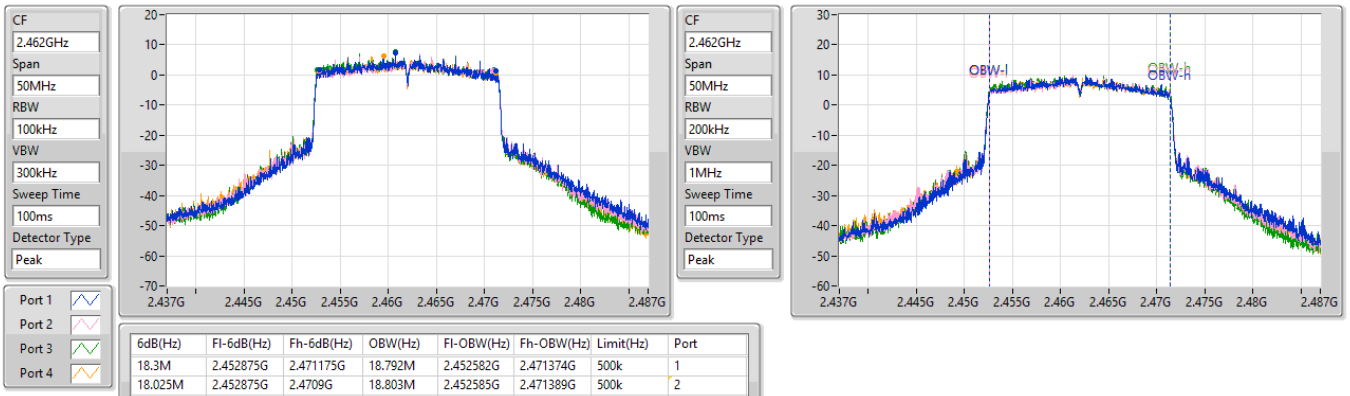
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.2M	2.42815G	2.44635G	18.944M	2.427519G	2.446463G	500k	1
17.4M	2.4281G	2.4455G	18.921M	2.427527G	2.446448G	500k	2
17.9M	2.4283G	2.4462G	18.968M	2.427544G	2.446512G	500k	3
17.975M	2.428275G	2.44625G	18.916M	2.427547G	2.446464G	500k	4

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_4TX **EBW**

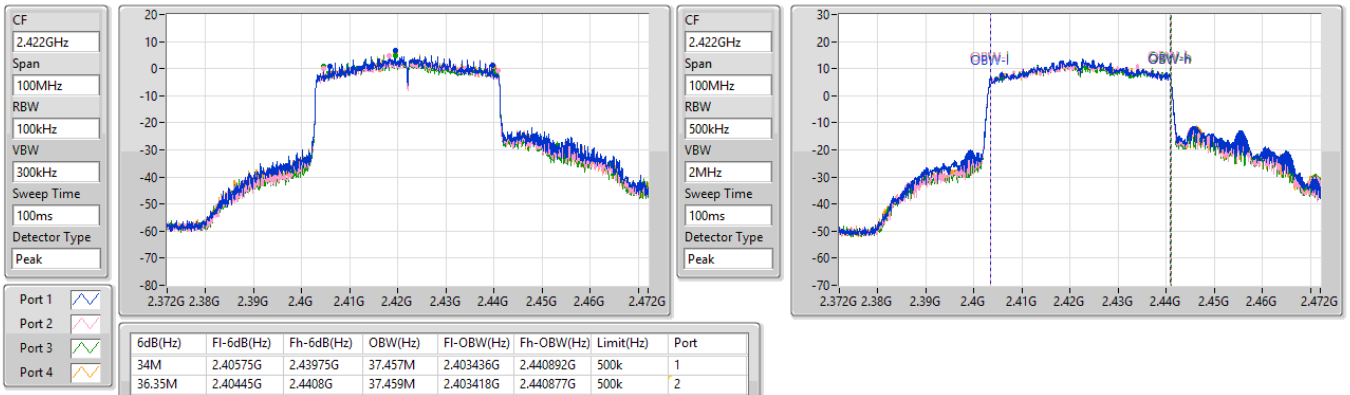
2462MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.3M	2.452875G	2.471175G	18.792M	2.452582G	2.471374G	500k	1
18.025M	2.452875G	2.4709G	18.803M	2.452585G	2.471389G	500k	2
18.35M	2.4526G	2.47095G	18.837M	2.452559G	2.471396G	500k	3
18.575M	2.452575G	2.47115G	18.819M	2.452564G	2.471384G	500k	4

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_4TX **EBW**

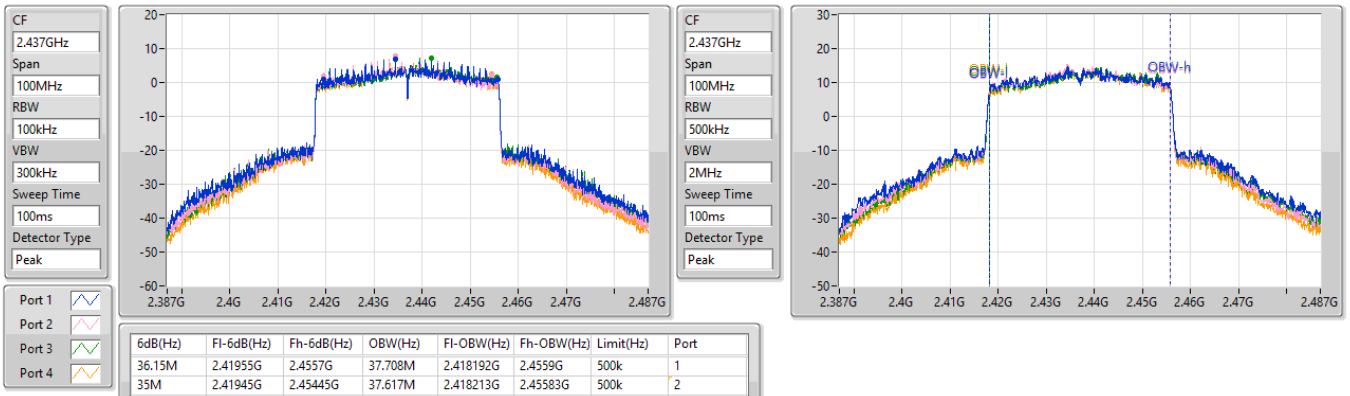
2422MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34M	2.40575G	2.43975G	37.457M	2.403436G	2.440892G	500k	1
36.35M	2.40445G	2.4408G	37.459M	2.403418G	2.440877G	500k	2
35.95M	2.4045G	2.44045G	37.515M	2.403388G	2.440903G	500k	3
35.55M	2.40445G	2.44G	37.526M	2.403385G	2.440911G	500k	4

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_4TX **EBW**

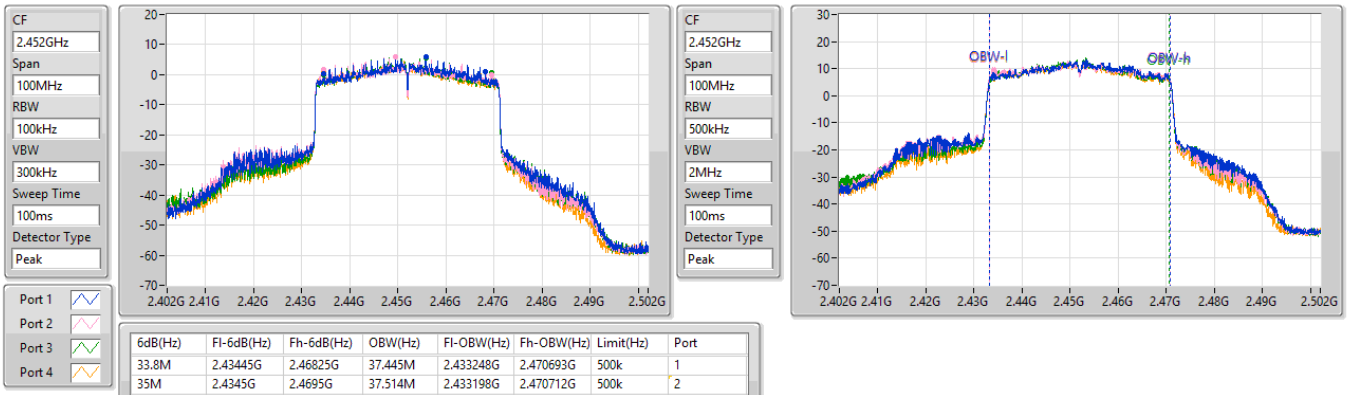
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
36.15M	2.41955G	2.4557G	37.708M	2.418192G	2.4559G	500k	1
35M	2.41945G	2.45445G	37.617M	2.418213G	2.45583G	500k	2
36.1M	2.41945G	2.45555G	37.603M	2.418261G	2.455864G	500k	3
35M	2.41955G	2.45455G	37.608M	2.41822G	2.455828G	500k	4

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_4TX **EBW**

2452MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
33.8M	2.43445G	2.46825G	37.445M	2.433248G	2.470693G	500k	1
35M	2.4345G	2.4695G	37.514M	2.433198G	2.470712G	500k	2
35.05M	2.43445G	2.4695G	37.329M	2.433306G	2.470635G	500k	3
35M	2.4345G	2.4695G	37.482M	2.433249G	2.470731G	500k	4

Beamforming mode

Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
802.11be EHT20-BF_Nss1,(MCS0)_4TX	18.425M	18.919M	18M9D1D	17.4M	18.752M
802.11be EHT40-BF_Nss1,(MCS0)_4TX	37.3M	37.609M	37M6D1D	26.3M	37.259M

Max-N dB = Maximum 6dB down bandwidth; Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 6dB down bandwidth; Min-OBW = Minimum 99% occupied bandwidth

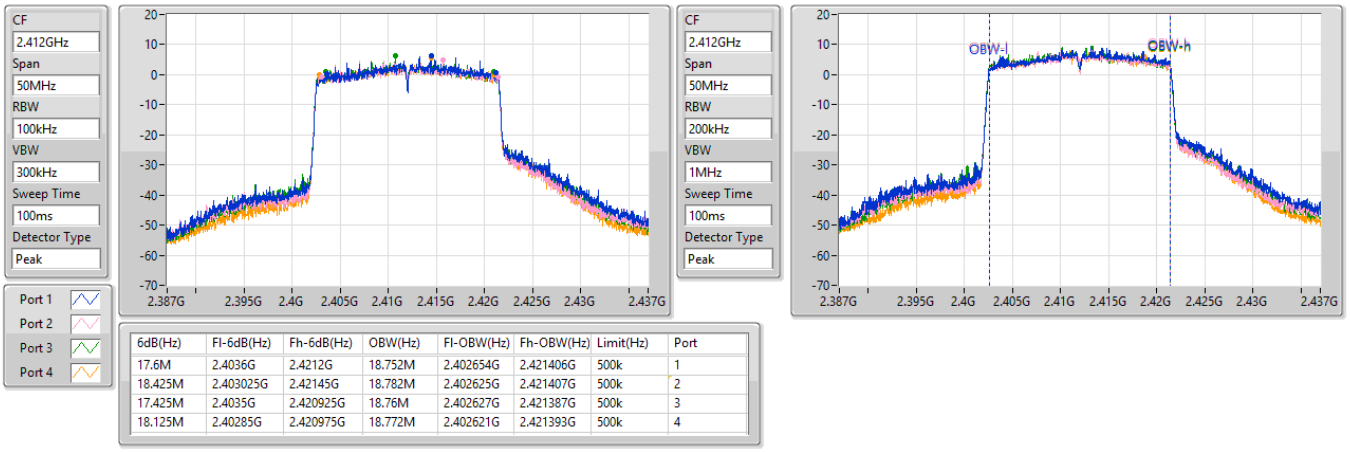
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	500k	17.6M	18.752M	18.425M	18.782M	17.425M	18.76M	18.125M	18.772M
2437MHz	Pass	500k	17.4M	18.889M	17.675M	18.876M	17.9M	18.919M	17.45M	18.915M
2462MHz	Pass	500k	18.275M	18.768M	18.2M	18.796M	18.1M	18.786M	17.725M	18.81M
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	500k	35.95M	37.472M	35.1M	37.506M	31.25M	37.554M	35.1M	37.554M
2437MHz	Pass	500k	26.3M	37.259M	37M	37.573M	37.3M	37.609M	35.15M	37.487M
2452MHz	Pass	500k	35.05M	37.39M	31.25M	37.594M	31.95M	37.423M	32.55M	37.469M

Port X-N dB = Port X 6dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX **EBW**

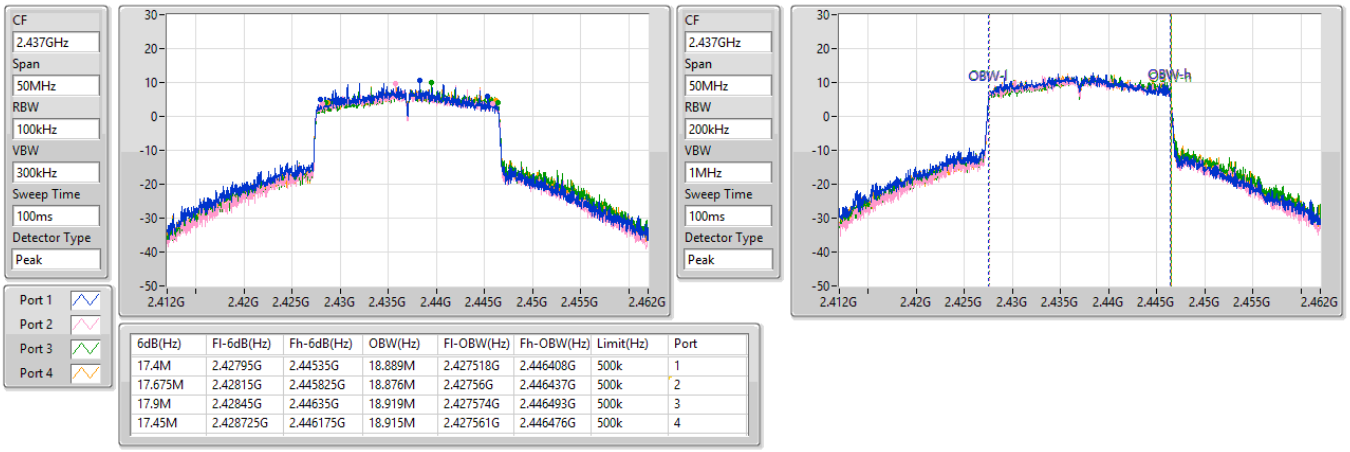
2412MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.6M	2.4036G	2.4212G	18.752M	2.402654G	2.421406G	500k	1
18.425M	2.403025G	2.42145G	18.782M	2.402625G	2.421407G	500k	2
17.425M	2.4035G	2.420925G	18.76M	2.402627G	2.421387G	500k	3
18.125M	2.40285G	2.420975G	18.772M	2.402621G	2.421393G	500k	4

2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX **EBW**

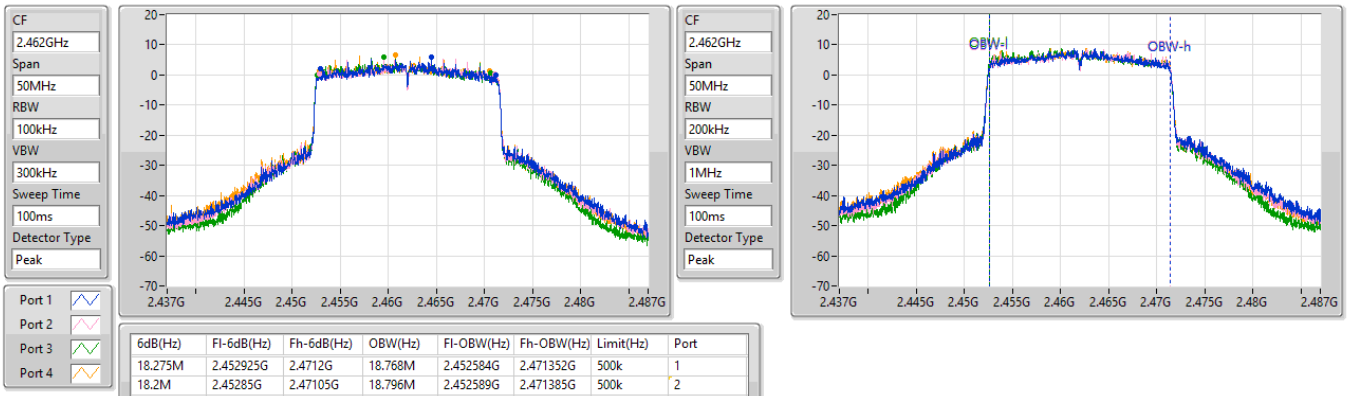
2437MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
17.4M	2.42795G	2.44535G	18.889M	2.427518G	2.446408G	500k	1
17.675M	2.42815G	2.445825G	18.876M	2.42756G	2.446437G	500k	2
17.9M	2.42845G	2.44635G	18.919M	2.427574G	2.446493G	500k	3
17.45M	2.428725G	2.446175G	18.915M	2.427561G	2.446476G	500k	4

2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX **EBW**

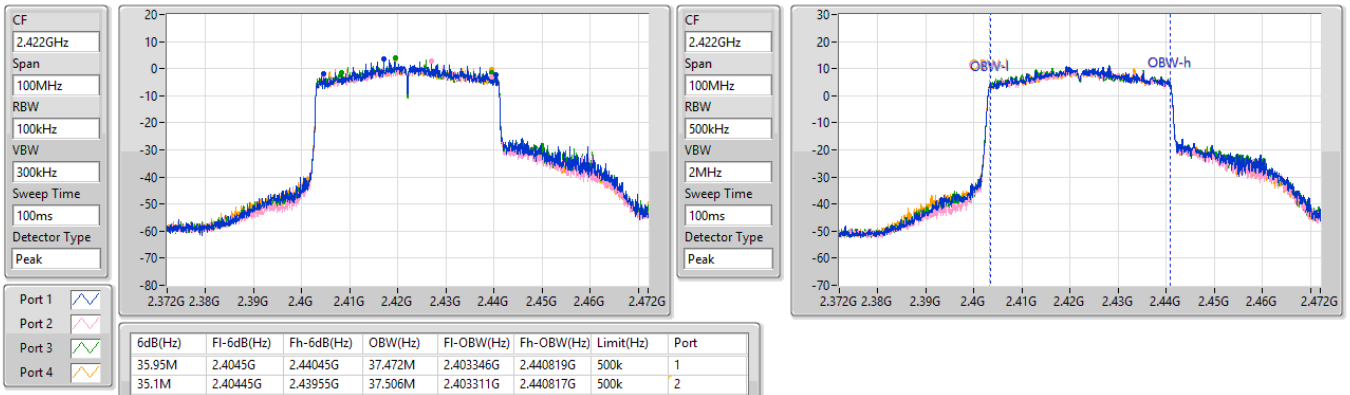
2462MHz



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
18.275M	2.452925G	2.4712G	18.768M	2.452584G	2.471352G	500k	1
18.2M	2.45285G	2.47105G	18.796M	2.452589G	2.471385G	500k	2
18.1M	2.45255G	2.47065G	18.786M	2.452562G	2.471347G	500k	3
17.725M	2.452825G	2.47055G	18.81M	2.452571G	2.471382G	500k	4

2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX **EBW**

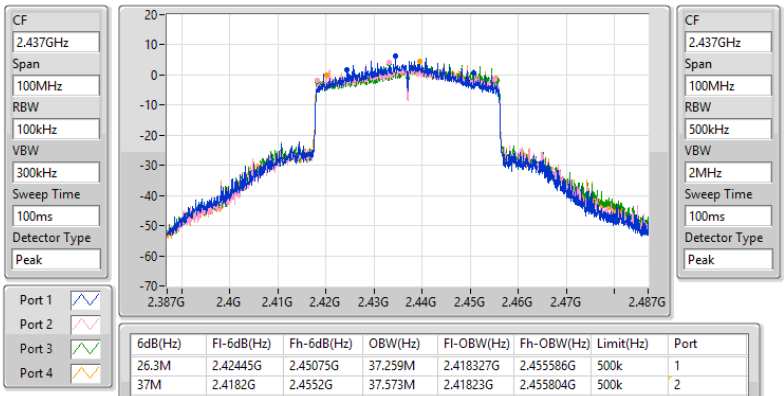
2422MHz

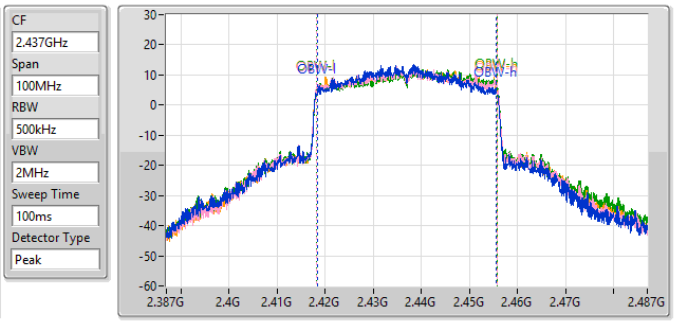


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.95M	2.4045G	2.44045G	37.472M	2.403346G	2.440819G	500k	1
35.1M	2.40445G	2.43955G	37.506M	2.403311G	2.440817G	500k	2
31.25M	2.4082G	2.43945G	37.554M	2.403276G	2.44083G	500k	3
35.1M	2.40445G	2.43955G	37.554M	2.403278G	2.440832G	500k	4

2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX **EBW**

2437MHz

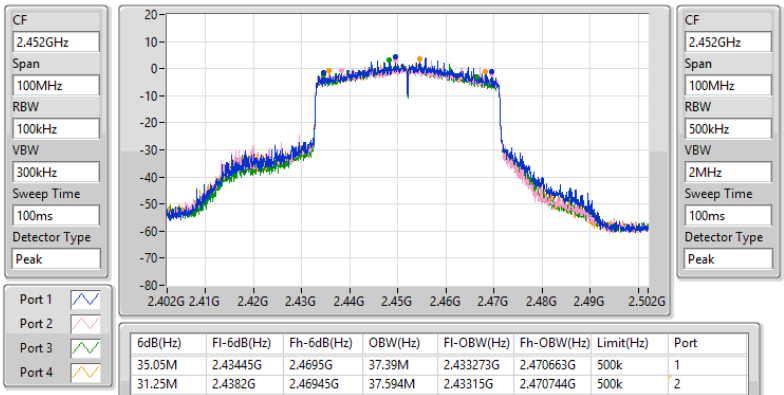


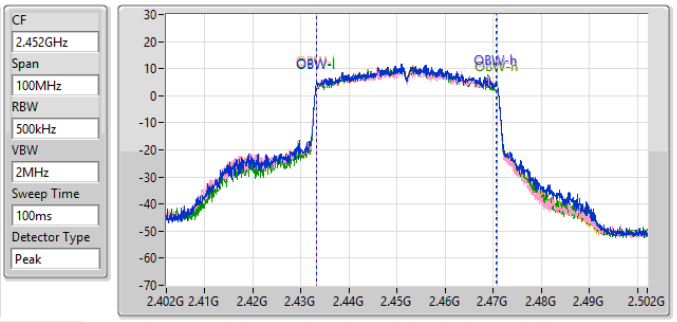


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
26.3M	2.42445G	2.45075G	37.259M	2.418327G	2.455586G	500k	1
37M	2.4182G	2.4552G	37.573M	2.41823G	2.455804G	500k	2
37.3M	2.4182G	2.4555G	37.609M	2.418238G	2.455847G	500k	3
35.15M	2.4201G	2.45525G	37.487M	2.418307G	2.455795G	500k	4

2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX **EBW**

2452MHz





6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
35.05M	2.43445G	2.4695G	37.39M	2.433273G	2.470663G	500k	1
31.25M	2.4382G	2.46945G	37.594M	2.43315G	2.470744G	500k	2
31.95M	2.43455G	2.4665G	37.423M	2.433277G	2.4707G	500k	3
32.55M	2.4357G	2.46825G	37.469M	2.433246G	2.470715G	500k	4

Non-beamforming mode

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_4TX	27.19	0.52360
802.11g_Nss1,(6Mbps)_4TX	27.08	0.51050
802.11be EHT20_Nss1,(MCS0)_4TX	27.05	0.50699
802.11be EHT40_Nss1,(MCS0)_4TX	25.82	0.38194

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	5.006	20.92	20.71	20.47	20.14	26.59	30.00	31.60	36.00
2437MHz	Pass	5.006	21.41	20.75	21.14	21.36	27.19	30.00	32.20	36.00
2462MHz	Pass	5.006	19.94	20.02	20.21	19.79	26.01	30.00	31.02	36.00
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	5.006	18.11	18.05	17.79	17.54	23.90	30.00	28.91	36.00
2437MHz	Pass	5.006	21.32	20.85	21.05	21.02	27.08	30.00	32.09	36.00
2462MHz	Pass	5.006	18.31	18.28	18.47	18.19	24.33	30.00	29.34	36.00
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	5.006	18.75	18.67	18.39	18.09	24.50	30.00	29.51	36.00
2437MHz	Pass	5.006	21.29	20.75	21.09	20.99	27.05	30.00	32.06	36.00
2462MHz	Pass	5.006	17.33	17.29	17.53	17.21	23.36	30.00	28.37	36.00
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	5.006	18.19	18.15	17.75	17.66	23.96	30.00	28.97	36.00
2437MHz	Pass	5.006	20.01	19.83	19.52	19.82	25.82	30.00	30.83	36.00
2452MHz	Pass	5.006	17.86	17.66	17.44	17.66	23.68	30.00	28.69	36.00

DG = Directional Gain; Port X = Port X output power

Beamforming mode

Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11be EHT20-BF_Nss1,(MCS0)_4TX	27.01	0.50234
802.11be EHT40-BF_Nss1,(MCS0)_4TX	24.50	0.28184

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2412MHz	Pass	5.88	17.32	16.29	17.07	16.54	22.84	30.00	28.72	36.00
2437MHz	Pass	5.88	21.11	20.62	21.09	21.12	27.01	30.00	32.89	36.00
2462MHz	Pass	5.88	17.2	17.23	17.34	17.51	23.34	30.00	29.22	36.00
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
2422MHz	Pass	5.88	16.86	16.45	16.98	16.58	22.74	30.00	28.62	36.00
2437MHz	Pass	5.88	18.69	18.44	18.31	18.48	24.50	30.00	30.38	36.00
2452MHz	Pass	5.88	17.19	16.38	16.81	16.85	22.84	30.00	28.72	36.00

DG = Directional Gain; Port X = Port X output power

Directional Gain refers to antenna report.

Non-beamforming mode

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_4TX	-2.28
802.11g_Nss1,(6Mbps)_4TX	-6.11
802.11be EHT20_Nss1,(MCS0)_4TX	-5.53
802.11be EHT40_Nss1,(MCS0)_4TX	-7.92

RBW = 3kHz;

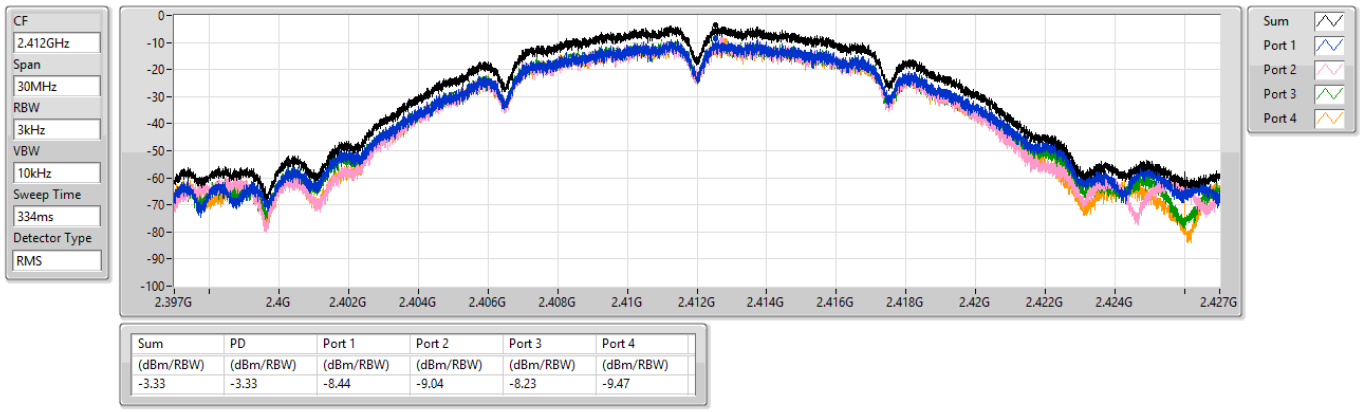
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	5.880	-8.44	-9.04	-8.23	-9.47	-3.33	8.00
2437MHz	Pass	5.880	-7.66	-7.21	-7.53	-7.52	-2.28	8.00
2462MHz	Pass	5.880	-10.01	-9.23	-9.83	-8.98	-4.13	8.00
802.11g_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	5.880	-13.36	-14.33	-14.24	-14.60	-9.02	8.00
2437MHz	Pass	5.880	-10.87	-11.11	-11.25	-11.43	-6.11	8.00
2462MHz	Pass	5.880	-13.56	-14.06	-13.73	-14.00	-8.46	8.00
802.11be EHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2412MHz	Pass	5.880	-13.93	-12.58	-13.35	-12.28	-8.06	8.00
2437MHz	Pass	5.880	-10.37	-9.77	-10.56	-8.94	-5.53	8.00
2462MHz	Pass	5.880	-14.24	-12.83	-14.72	-13.69	-9.55	8.00
802.11be EHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
2422MHz	Pass	5.880	-14.64	-16.12	-13.54	-15.35	-9.45	8.00
2437MHz	Pass	5.880	-13.88	-13.71	-13.68	-14.20	-7.92	8.00
2452MHz	Pass	5.880	-16.32	-16.88	-16.68	-17.04	-11.00	8.00

DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX **PSD**

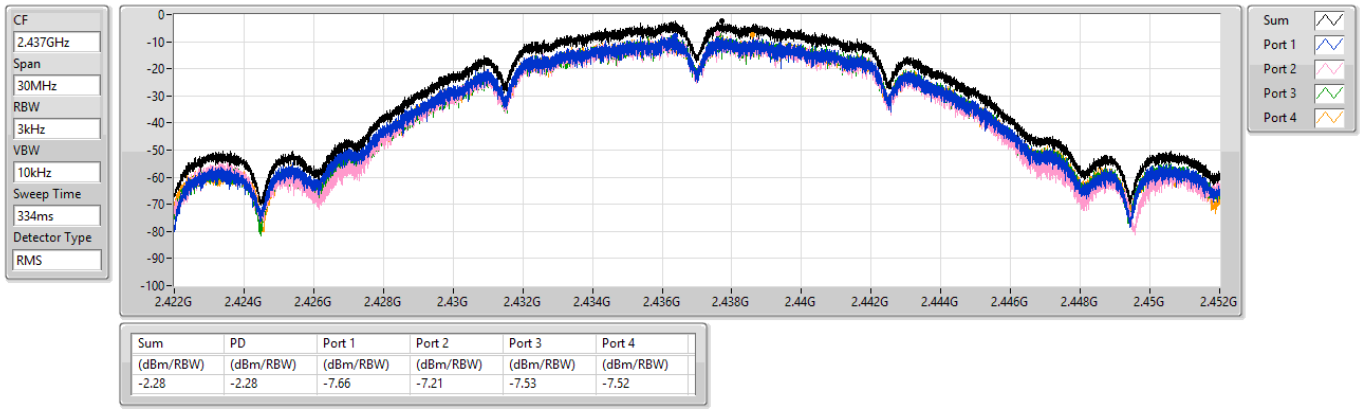
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.33	-3.33	-8.44	-9.04	-8.23	-9.47

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX **PSD**

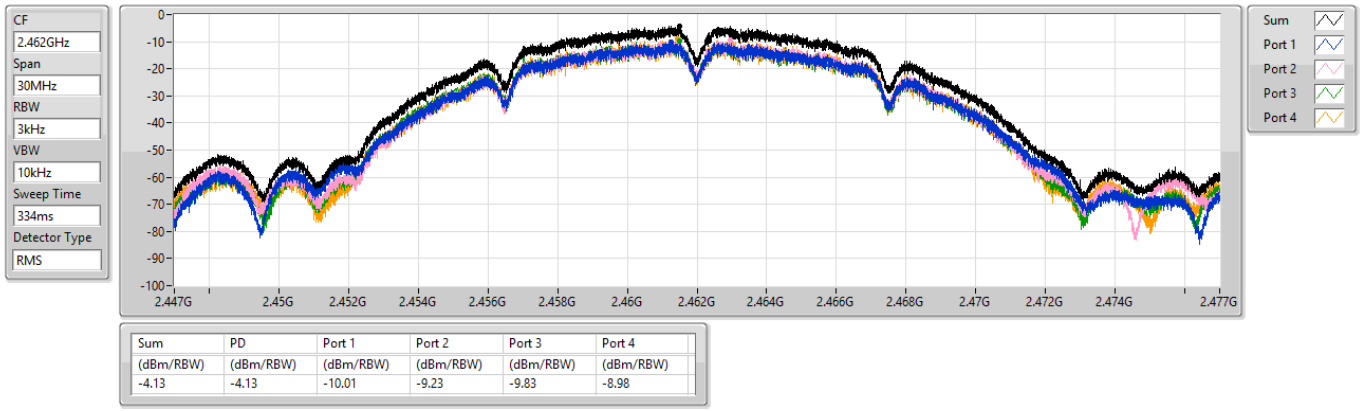
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.28	-2.28	-7.66	-7.21	-7.53	-7.52

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX **PSD**

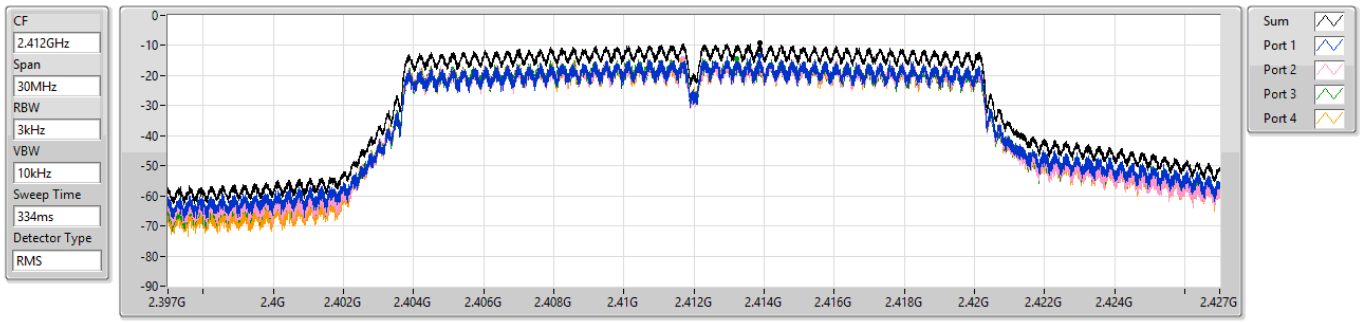
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.13	-4.13	-10.01	-9.23	-9.83	-8.98

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX **PSD**

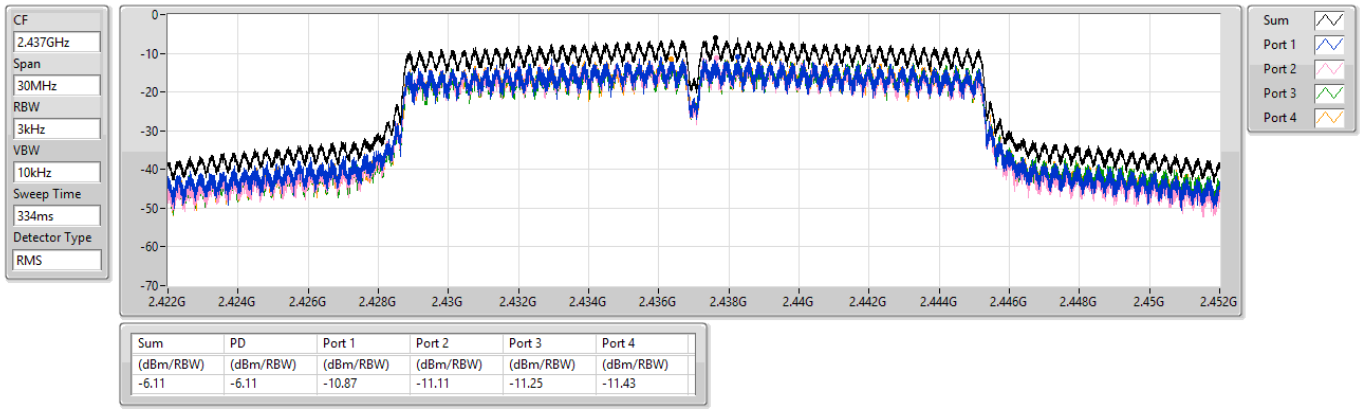
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.02	-9.02	-13.36	-14.33	-14.24	-14.60

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX **PSD**

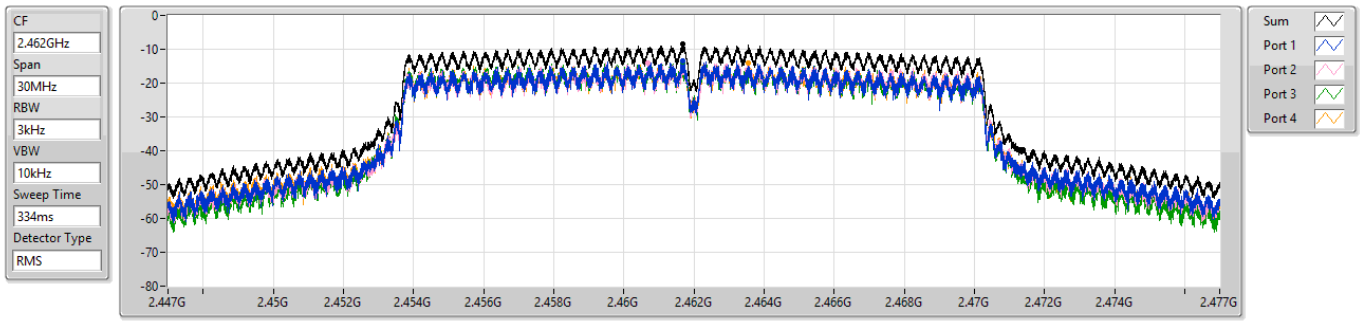
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.11	-6.11	-10.87	-11.11	-11.25	-11.43

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX **PSD**

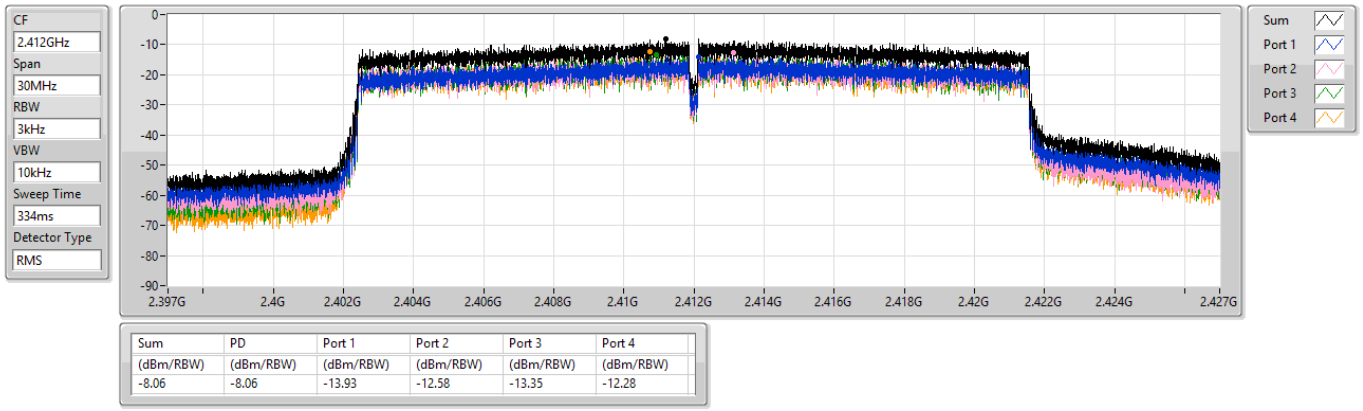
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.46	-8.46	-13.56	-14.06	-13.73	-14.00

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_4TX **PSD**

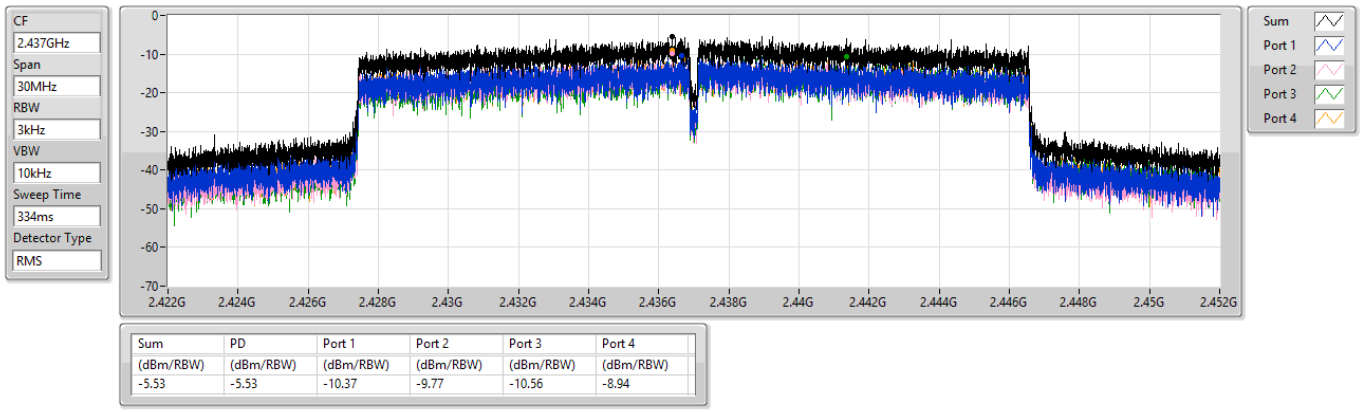
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.06	-8.06	-13.93	-12.58	-13.35	-12.28

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_4TX **PSD**

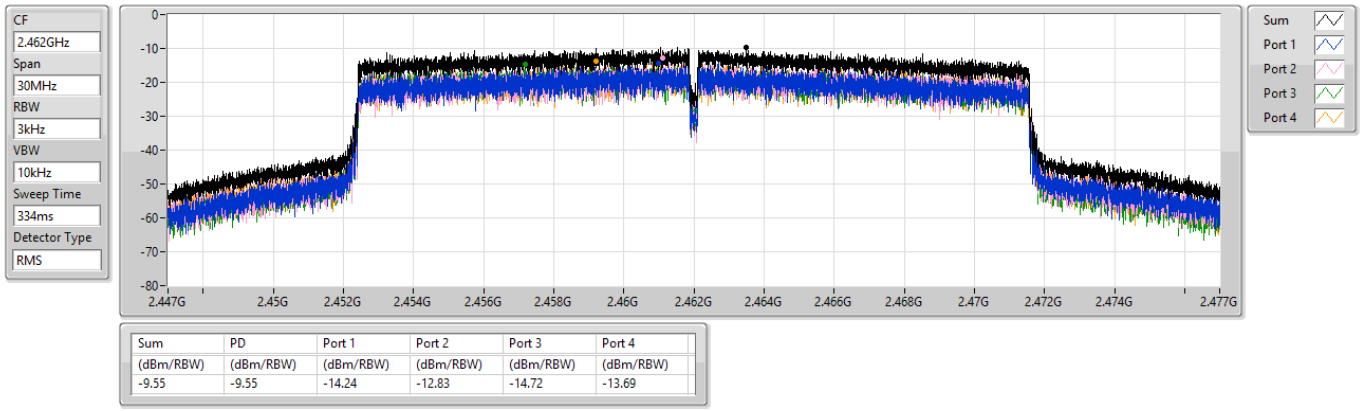
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.53	-5.53	-10.37	-9.77	-10.56	-8.94

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_4TX **PSD**

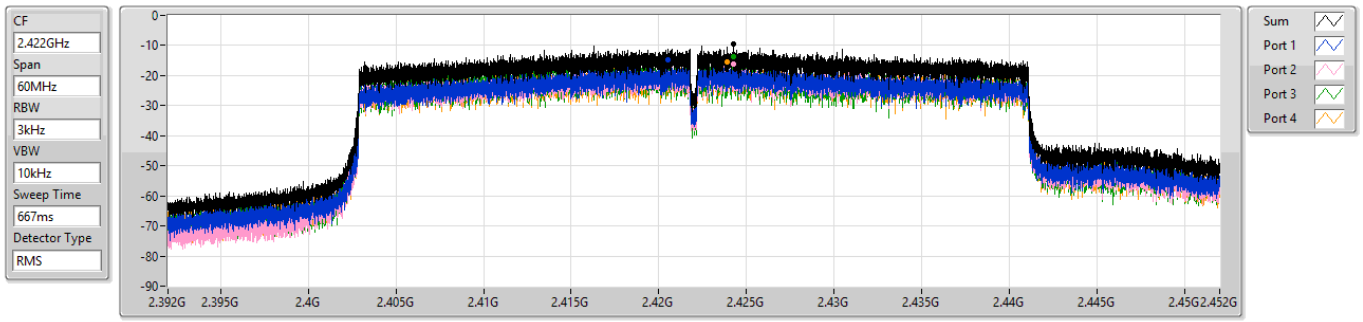
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.55	-9.55	-14.24	-12.83	-14.72	-13.69

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_4TX **PSD**

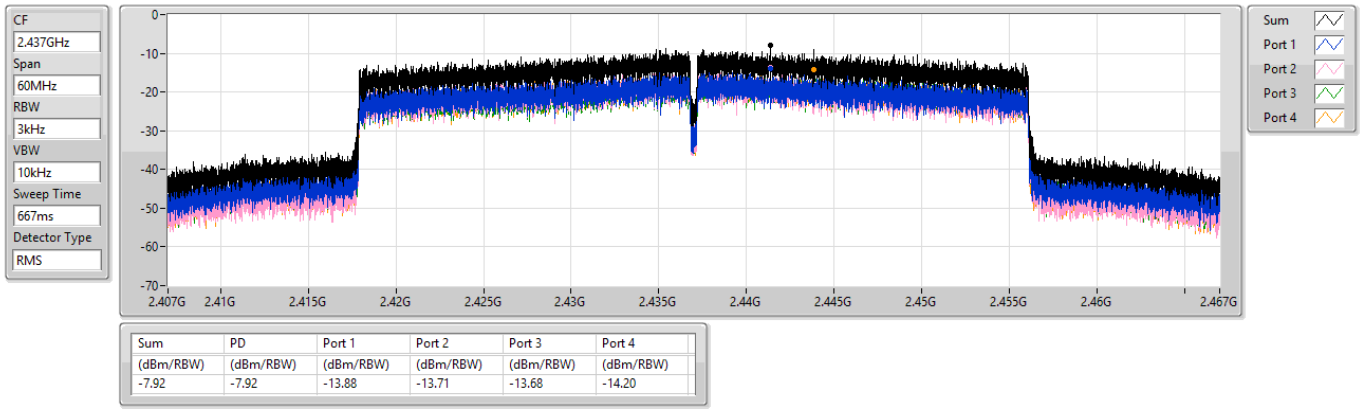
2422MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.45	-9.45	-14.64	-16.12	-13.54	-15.35

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_4TX **PSD**

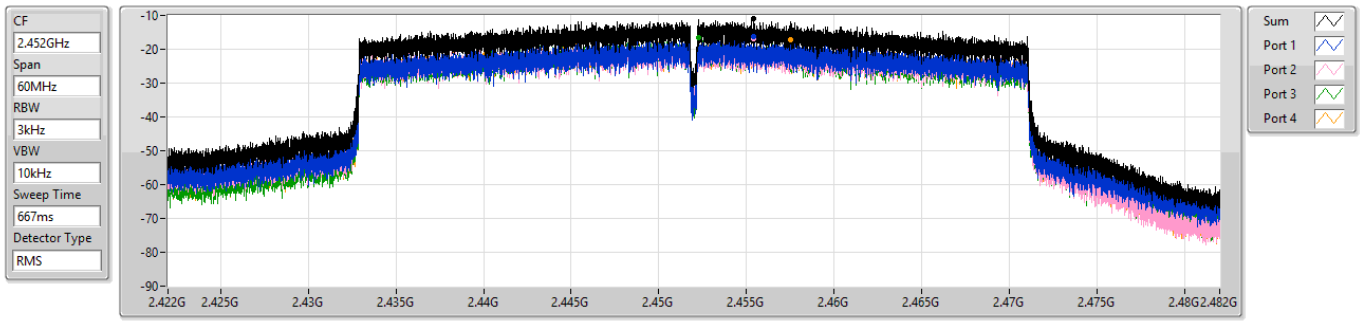
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.92	-7.92	-13.88	-13.71	-13.68	-14.20

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_4TX **PSD**

2452MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.00	-11.00	-16.32	-16.88	-16.68	-17.04

Beamforming mode

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11be EHT20-BF_Nss1,(MCS0)_4TX	-5.24
802.11be EHT40-BF_Nss1,(MCS0)_4TX	-9.95

RBW = 3kHz;

Result

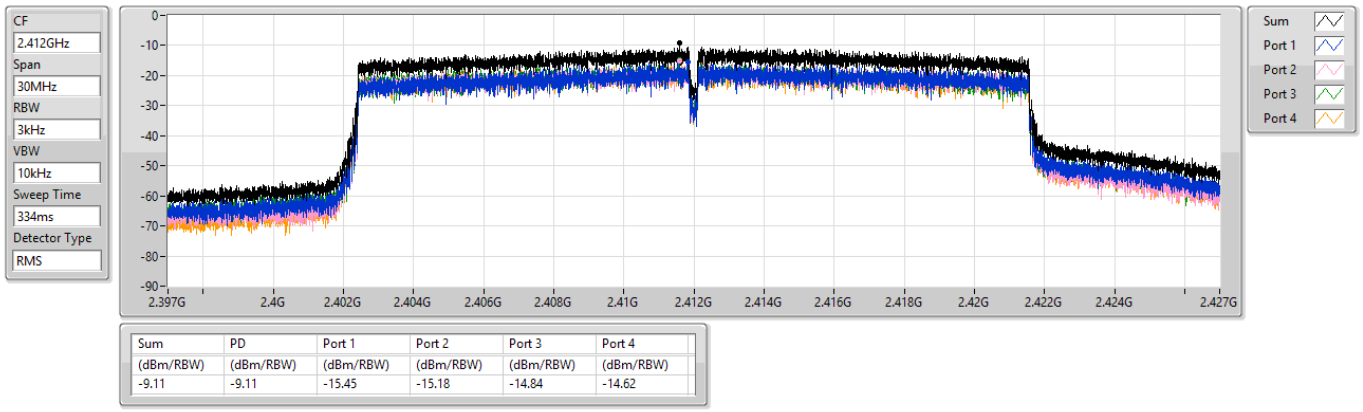
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11be EHT20-BF_Nss1,(MCS0)_4TX								
2412MHz	Pass	5.88	-15.45	-15.18	-14.84	-14.62	-9.11	8.00
2437MHz	Pass	5.88	-11.07	-10.91	-10.63	-11.00	-5.24	8.00
2462MHz	Pass	5.88	-15.32	-14.59	-16.00	-14.94	-9.75	8.00
802.11be EHT40-BF_Nss1,(MCS0)_4TX								
2422MHz	Pass	5.88	-16.95	-17.78	-17.17	-16.15	-11.12	8.00
2437MHz	Pass	5.88	-14.39	-15.10	-15.46	-15.50	-9.95	8.00
2452MHz	Pass	5.88	-16.52	-17.03	-16.47	-17.19	-11.53	8.00

DG = Directional Gain; RBW = 3kHz;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

Directional Gain refers to antenna report.

2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX **PSD**

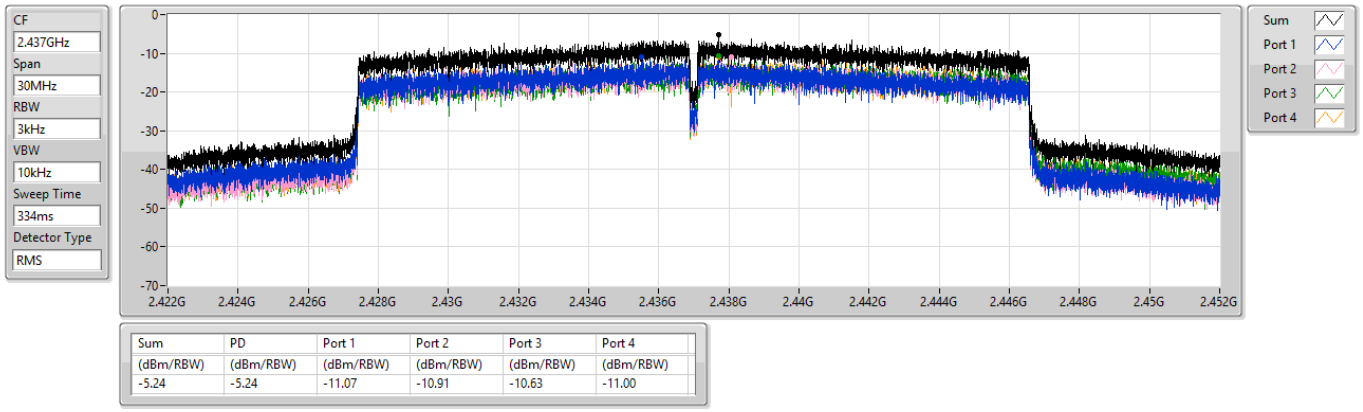
2412MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.11	-9.11	-15.45	-15.18	-14.84	-14.62

2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX **PSD**

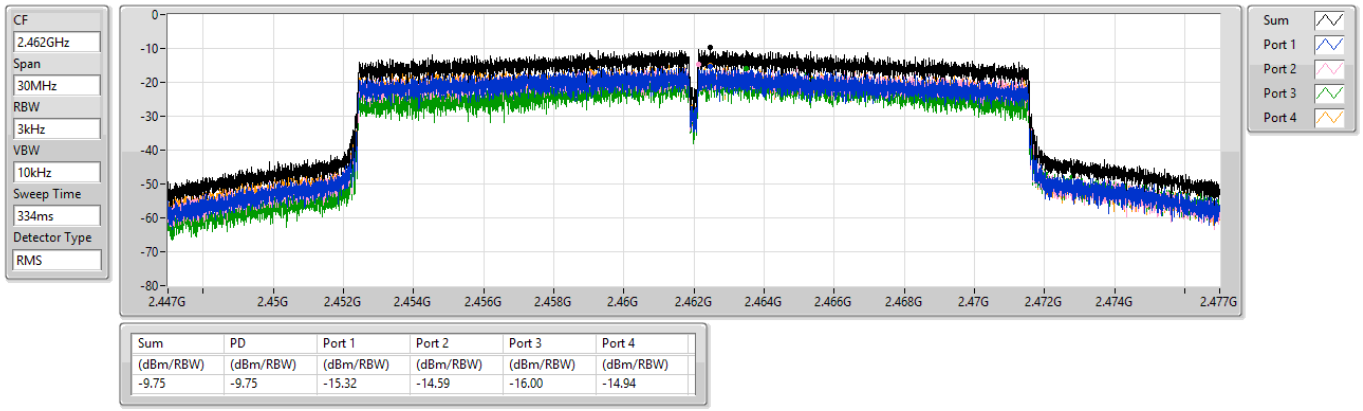
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.24	-5.24	-11.07	-10.91	-10.63	-11.00

2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX **PSD**

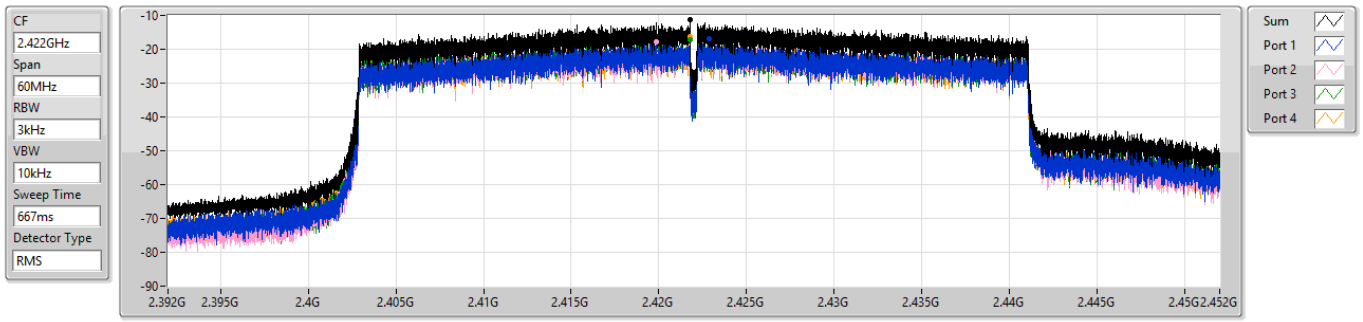
2462MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.75	-9.75	-15.32	-14.59	-16.00	-14.94

2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX **PSD**

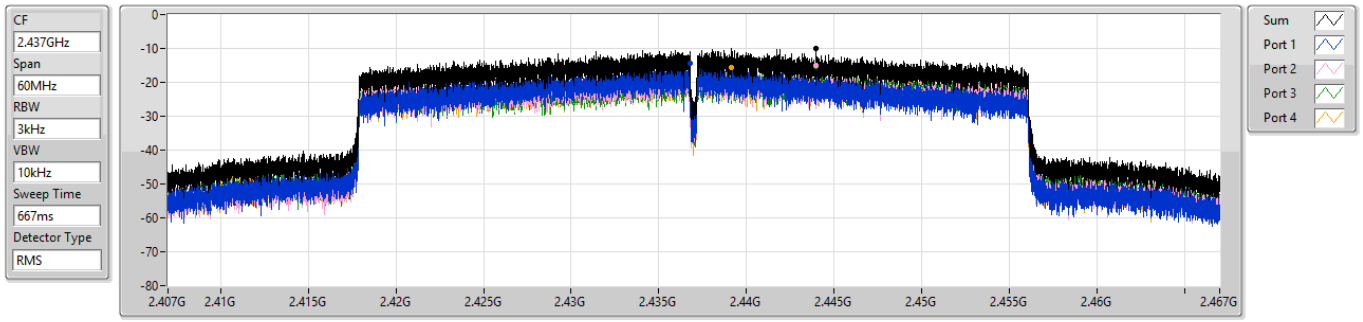
2422MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.12	-11.12	-16.95	-17.78	-17.17	-16.15

2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX **PSD**

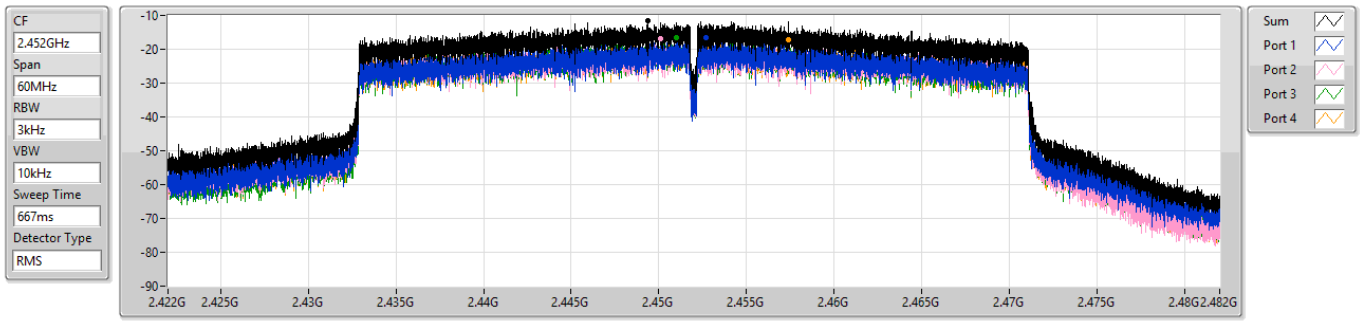
2437MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.95	-9.95	-14.39	-15.10	-15.46	-15.50

2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX **PSD**

2452MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.53	-11.53	-16.52	-17.03	-16.47	-17.19

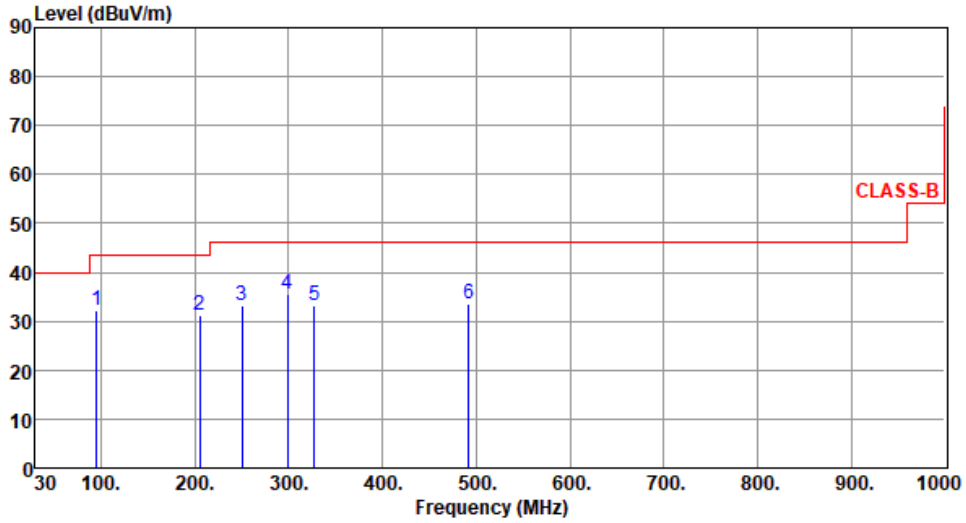
Non-beamforming mode

Configuration 1: Model: SDG-8733

Unwanted Emissions (Below 1GHz)

Modulation	11b	**Test Freq. (MHz)**	2437
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):25 Humidity(%):61

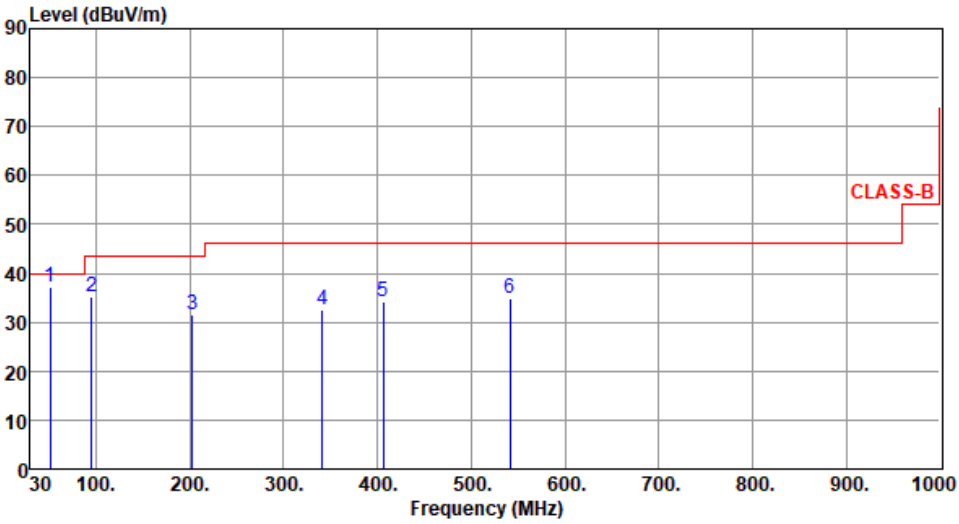


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	94.99	32.31	43.50	-11.19	46.25	-13.94	Peak	---	---
2	205.57	31.25	43.50	-12.25	43.15	-11.90	Peak	---	---
3	250.19	33.21	46.00	-12.79	43.16	-9.95	Peak	---	---
4	298.69	35.40	46.00	-10.60	43.51	-8.11	Peak	---	---
5	327.79	33.18	46.00	-12.82	40.40	-7.22	Peak	---	---
6	491.72	33.55	46.00	-12.45	36.76	-3.21	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor, cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

Modulation	11b	Test Freq. (MHz)	2437
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):25 Humidity(%):61



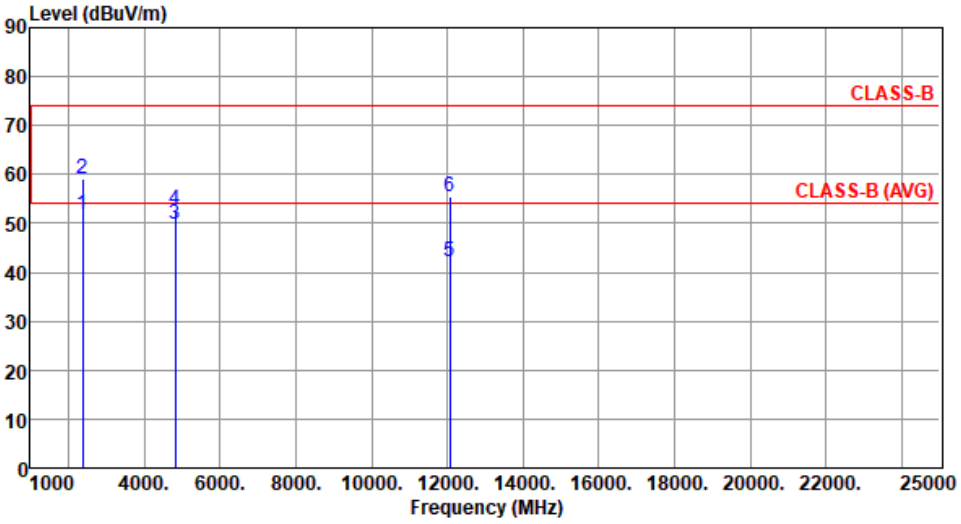
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	51.34	37.08	40.00	-2.92	44.95	-7.87	QP	100	60
2	94.99	35.11	43.50	-8.39	49.05	-13.94	Peak	---	---
3	202.66	31.62	43.50	-11.88	43.47	-11.85	Peak	---	---
4	341.37	32.67	46.00	-13.33	39.72	-7.05	Peak	---	---
5	406.36	34.06	46.00	-11.94	39.26	-5.20	Peak	---	---
6	541.19	34.79	46.00	-11.21	37.23	-2.44	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor, cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

Unwanted Emission (Above 1GHz) for 11b

Modulation	11b	Test Freq. (MHz)	2412
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):23 Humidity(%):61

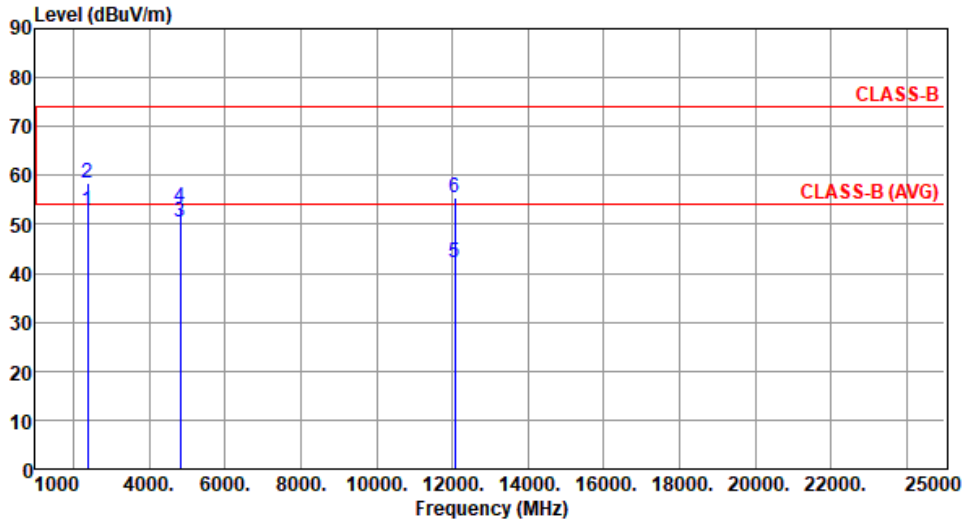


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	2390.00	51.86	54.00	-2.14	56.24	-4.38	Average	100	320
2	2390.00	59.07	74.00	-14.93	63.45	-4.38	Peak	100	320
3	4824.00	49.69	54.00	-4.31	50.10	-0.41	Average	200	310
4	4824.00	52.66	74.00	-21.34	53.07	-0.41	Peak	200	310
5	12060.00	42.10	54.00	-11.90	35.84	6.26	Average	100	179
6	12060.00	55.59	74.00	-18.41	49.33	6.26	Peak	100	179

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor, cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11b	Test Freq. (MHz)	2412
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):23 Humidity(%):61

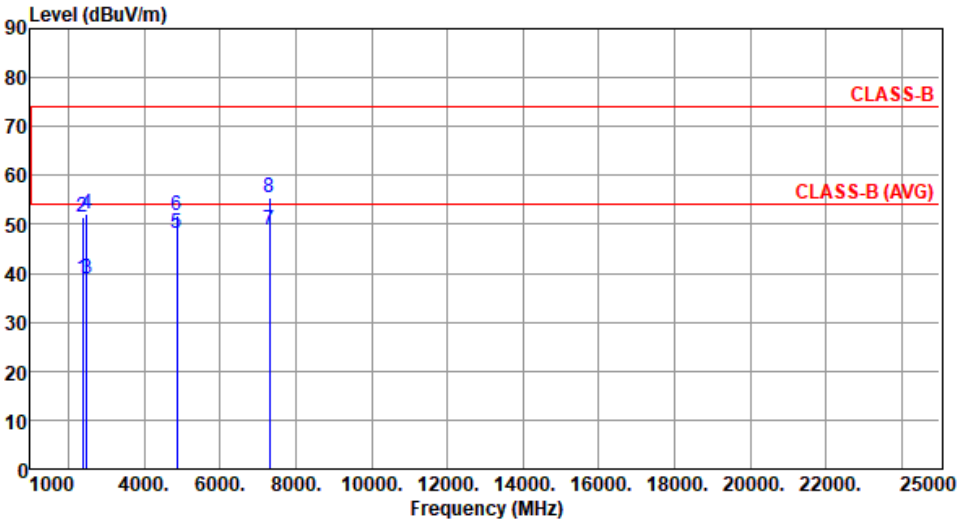


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	2390.00	52.76	54.00	-1.24	57.14	-4.38	Average	181	227
2	2390.00	58.53	74.00	-15.47	62.91	-4.38	Peak	181	227
3	4824.00	50.52	54.00	-3.48	50.93	-0.41	Average	100	195
4	4824.00	53.52	74.00	-20.48	53.93	-0.41	Peak	100	195
5	12060.00	42.15	54.00	-11.85	35.89	6.26	Average	100	185
6	12060.00	55.49	74.00	-18.51	49.23	6.26	Peak	100	185

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor, cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11b	**Test Freq. (MHz)**	2437
Polarization	Horizontal		

Test By :Allen Lee Temperature(℃):24 Humidity(%):61

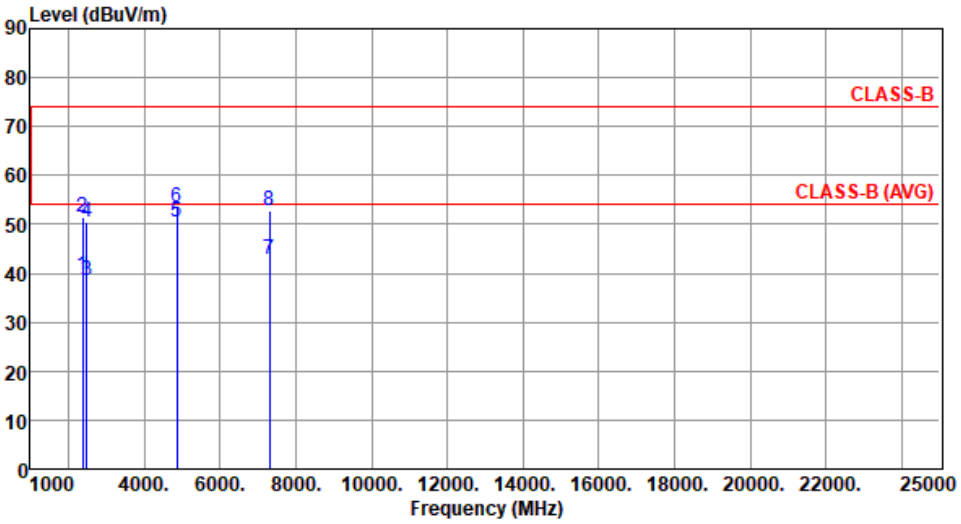


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	2390.00	38.70	54.00	-15.30	43.08	-4.38	Average	323	20
2	2390.00	51.48	74.00	-22.52	55.86	-4.38	Peak	323	20
3	2483.50	38.71	54.00	-15.29	43.46	-4.75	Average	323	20
4	2483.50	52.29	74.00	-21.71	57.04	-4.75	Peak	323	20
5	4874.00	48.20	54.00	-5.80	48.70	-0.50	Average	100	215
6	4874.00	51.65	74.00	-22.35	52.15	-0.50	Peak	100	215
7	7311.00	48.81	54.00	-5.19	43.65	5.16	Average	191	217
8	7311.00	55.52	74.00	-18.48	50.36	5.16	Peak	191	217

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor, cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11b	Test Freq. (MHz)	2437
Polarization	Vertical		

Test By :Allen Lee Temperature(℃):24 Humidity(%):61

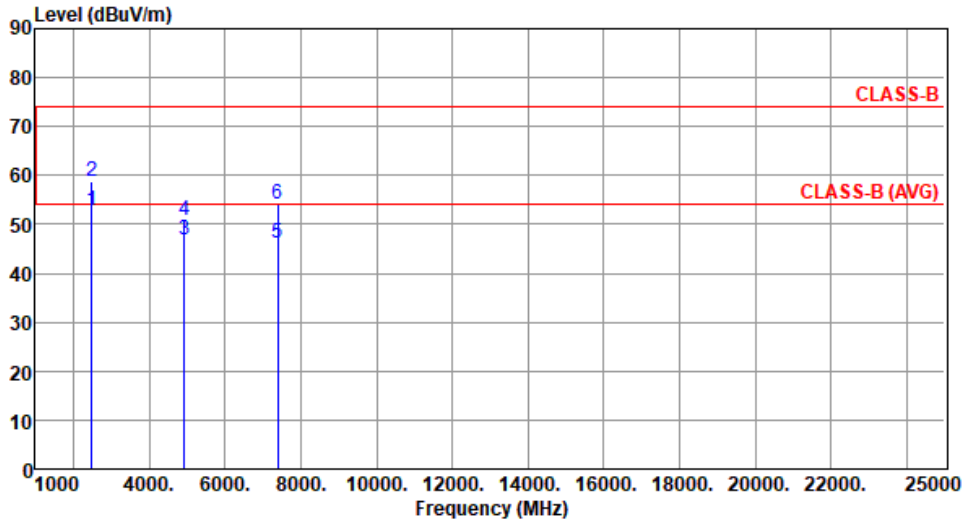


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	2390.00	39.57	54.00	-14.43	43.95	-4.38	Average	198	226
2	2390.00	51.35	74.00	-22.65	55.73	-4.38	Peak	198	226
3	2483.50	38.42	54.00	-15.58	43.17	-4.75	Average	198	226
4	2483.50	50.44	74.00	-23.56	55.19	-4.75	Peak	198	226
5	4874.00	50.60	54.00	-3.40	51.10	-0.50	Average	100	1
6	4874.00	53.61	74.00	-20.39	54.11	-0.50	Peak	100	1
7	7311.00	42.98	54.00	-11.02	37.82	5.16	Average	100	215
8	7311.00	52.93	74.00	-21.07	47.77	5.16	Peak	100	215

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor, cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11b	**Test Freq. (MHz)**	2462
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):23 Humidity(%):61

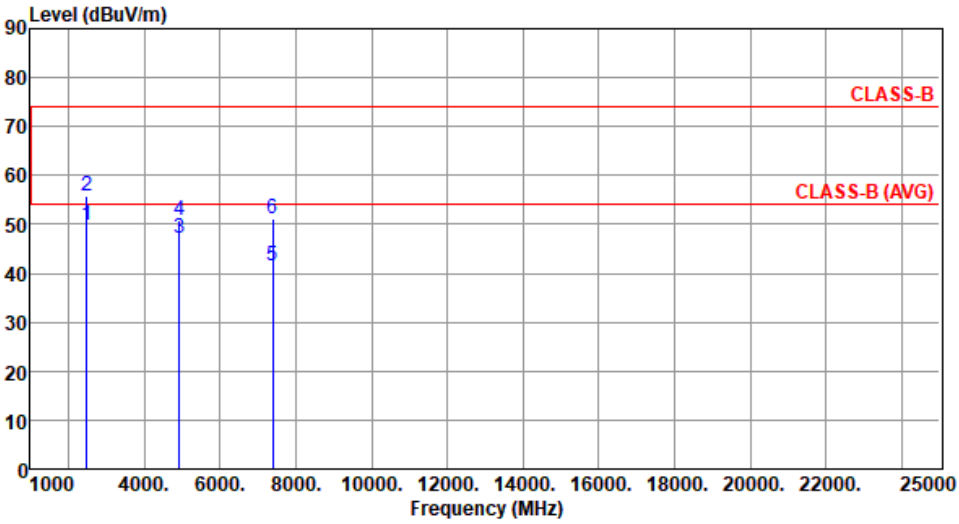


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	2483.50	52.83	54.00	-1.17	57.58	-4.75	Average	190	343
2	2483.50	58.93	74.00	-15.07	63.68	-4.75	Peak	190	343
3	4924.00	46.74	54.00	-7.26	47.18	-0.44	Average	224	246
4	4924.00	50.93	74.00	-23.07	51.37	-0.44	Peak	224	246
5	7386.00	46.32	54.00	-7.68	41.29	5.03	Average	192	215
6	7386.00	54.22	74.00	-19.78	49.19	5.03	Peak	192	215

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor, cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11b	Test Freq. (MHz)	2462
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):23 Humidity(%):61



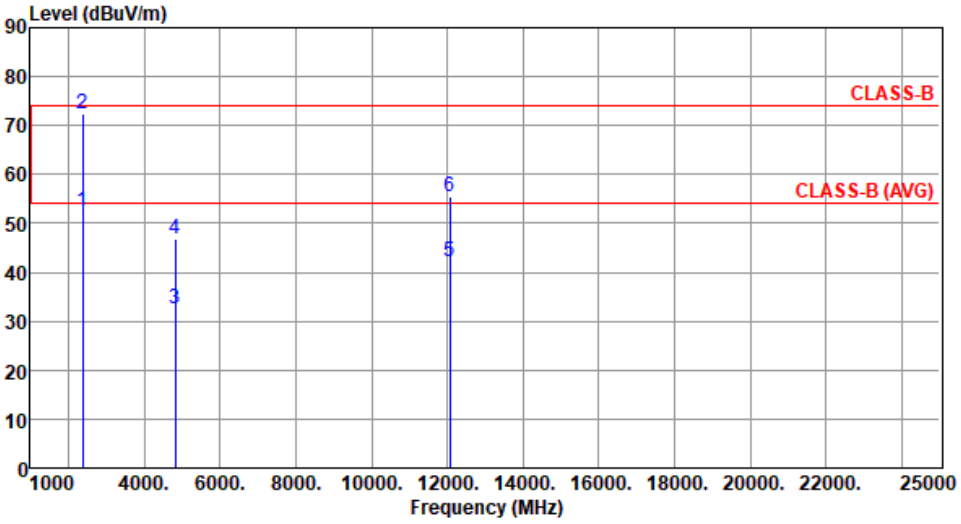
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	2483.50	49.87	54.00	-4.13	54.62	-4.75	Average	183	227
2	2483.50	55.67	74.00	-18.33	60.42	-4.75	Peak	183	227
3	4924.00	47.01	54.00	-6.99	47.45	-0.44	Average	100	199
4	4924.00	50.70	74.00	-23.30	51.14	-0.44	Peak	100	199
5	7386.00	41.67	54.00	-12.33	36.64	5.03	Average	100	216
6	7386.00	51.22	74.00	-22.78	46.19	5.03	Peak	100	216

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor, cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Unwanted Emissions (Above 1GHz) for 11g

Modulation	11g	**Test Freq. (MHz)**	2412
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):23 Humidity(%):61

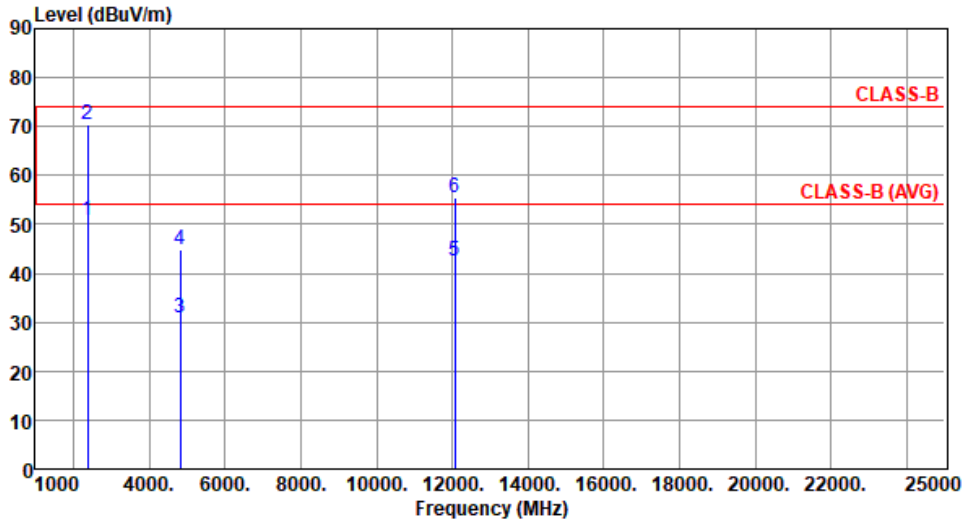


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	2390.00	52.48	54.00	-1.52	56.86	-4.38	Average	100	322
2	2390.00	72.56	74.00	-1.44	76.94	-4.38	Peak	100	322
3	4824.00	32.71	54.00	-21.29	33.12	-0.41	Average	100	166
4	4824.00	46.93	74.00	-27.07	47.34	-0.41	Peak	100	166
5	12060.00	42.25	54.00	-11.75	35.99	6.26	Average	100	240
6	12060.00	55.49	74.00	-18.51	49.23	6.26	Peak	100	240

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor, cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11g	Test Freq. (MHz)	2412
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):23 Humidity(%):61

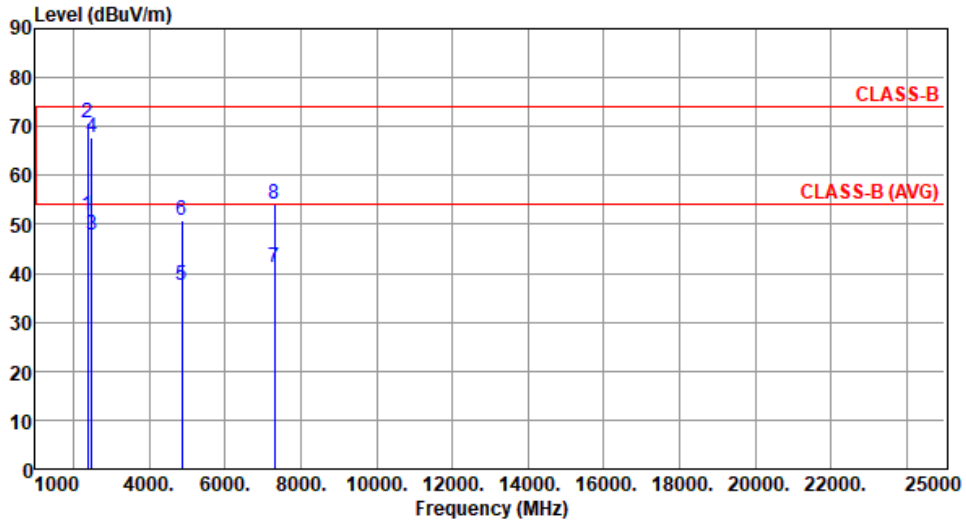


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	2390.00	50.91	54.00	-3.09	55.29	-4.38	Average	223	116
2	2390.00	70.39	74.00	-3.61	74.77	-4.38	Peak	223	116
3	4824.00	30.85	54.00	-23.15	31.26	-0.41	Average	100	108
4	4824.00	44.94	74.00	-29.06	45.35	-0.41	Peak	100	108
5	12060.00	42.35	54.00	-11.65	36.09	6.26	Average	100	87
6	12060.00	55.39	74.00	-18.61	49.13	6.26	Peak	100	87

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor, cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11g	**Test Freq. (MHz)**	2437
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):23 Humidity(%):61

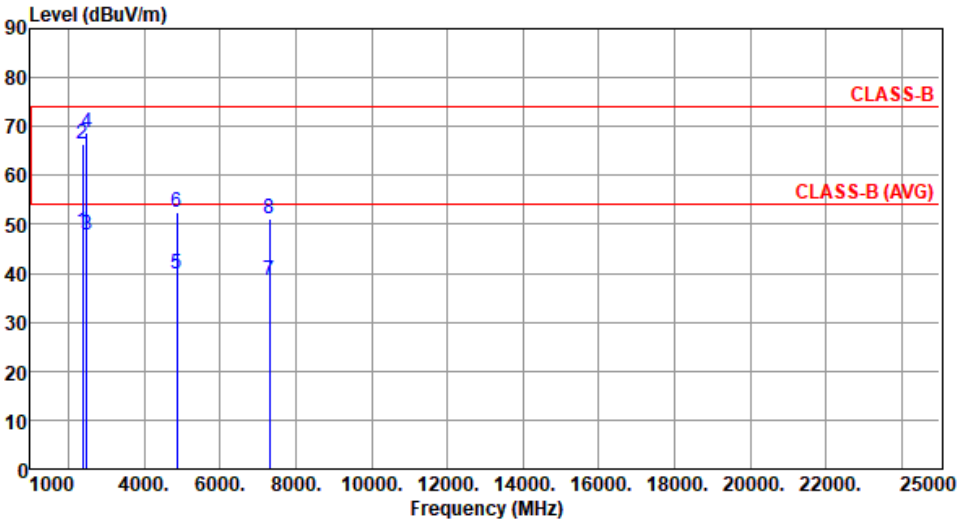


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	2390.00	51.84	54.00	-2.16	56.22	-4.38	Average	303	358
2	2390.00	70.69	74.00	-3.31	75.07	-4.38	Peak	303	358
3	2483.50	47.96	54.00	-6.04	52.71	-4.75	Average	185	339
4	2483.50	67.81	74.00	-6.19	72.56	-4.75	Peak	185	339
5	4874.00	37.47	54.00	-16.53	37.97	-0.50	Average	100	196
6	4874.00	50.91	74.00	-23.09	51.41	-0.50	Peak	100	196
7	7311.00	41.21	54.00	-12.79	36.05	5.16	Average	187	215
8	7311.00	54.18	74.00	-19.82	49.02	5.16	Peak	187	215

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor, cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11g	Test Freq. (MHz)	2437
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):23 Humidity(%):61

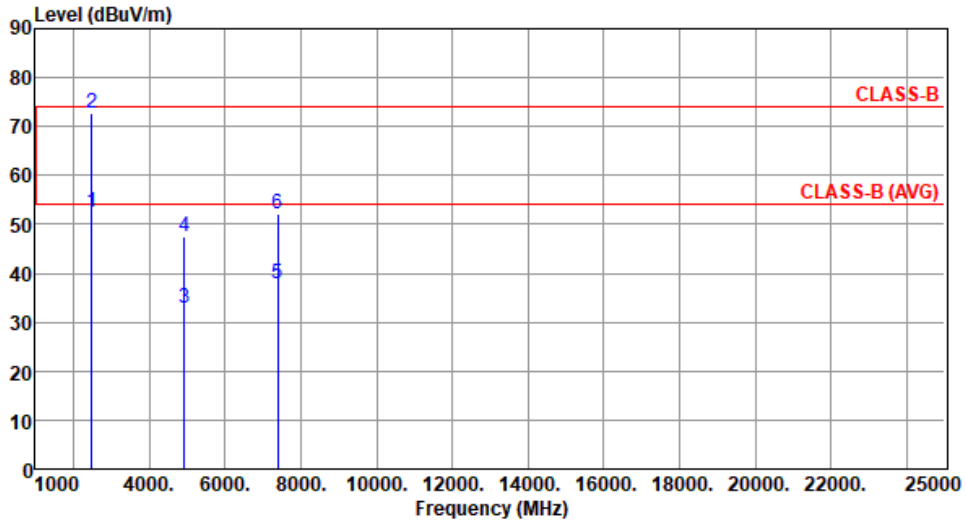


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	2390.00	48.50	54.00	-5.50	52.88	-4.38	Average	100	130
2	2390.00	66.45	74.00	-7.55	70.83	-4.38	Peak	100	130
3	2483.50	47.91	54.00	-6.09	52.66	-4.75	Average	100	93
4	2483.50	68.67	74.00	-5.33	73.42	-4.75	Peak	100	93
5	4874.00	39.73	54.00	-14.27	40.23	-0.50	Average	100	199
6	4874.00	52.59	74.00	-21.41	53.09	-0.50	Peak	100	199
7	7311.00	38.44	54.00	-15.56	33.28	5.16	Average	100	224
8	7311.00	51.18	74.00	-22.82	46.02	5.16	Peak	100	224

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor, cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11g	**Test Freq. (MHz)**	2462
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):23 Humidity(%):61

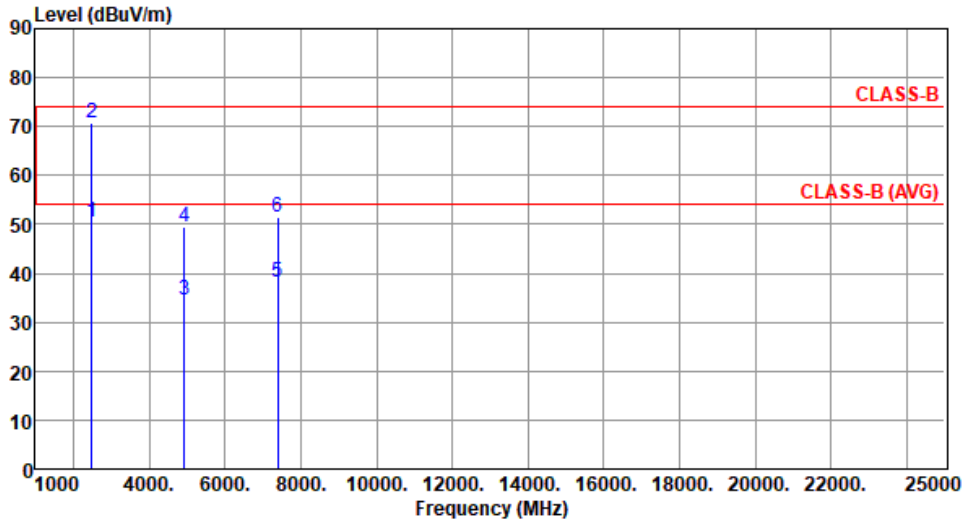


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	2483.50	52.48	54.00	-1.52	57.23	-4.75	Average	110	144
2	2483.50	72.60	74.00	-1.40	77.35	-4.75	Peak	110	144
3	4924.00	32.97	54.00	-21.03	33.41	-0.44	Average	100	226
4	4924.00	47.48	74.00	-26.52	47.92	-0.44	Peak	100	226
5	7386.00	37.84	54.00	-16.16	32.81	5.03	Average	100	43
6	7386.00	52.25	74.00	-21.75	47.22	5.03	Peak	100	43

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor, cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11g	Test Freq. (MHz)	2462
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):23 Humidity(%):61



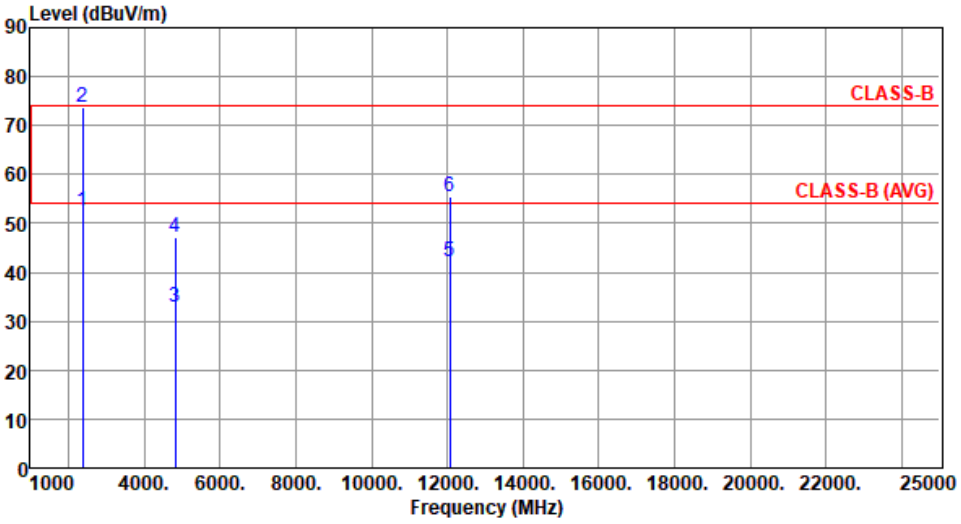
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	2483.50	50.63	54.00	-3.37	55.38	-4.75	Average	196	243
2	2483.50	70.72	74.00	-3.28	75.47	-4.75	Peak	196	243
3	4924.00	34.61	54.00	-19.39	35.05	-0.44	Average	100	208
4	4924.00	49.56	74.00	-24.44	50.00	-0.44	Peak	100	208
5	7386.00	38.32	54.00	-15.68	33.29	5.03	Average	100	56
6	7386.00	51.39	74.00	-22.61	46.36	5.03	Peak	100	56

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor, cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Unwanted Emissions (Above 1GHz) for be EHT20

Modulation	be EHT20	**Test Freq. (MHz)**	2412
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):25 Humidity(%):62

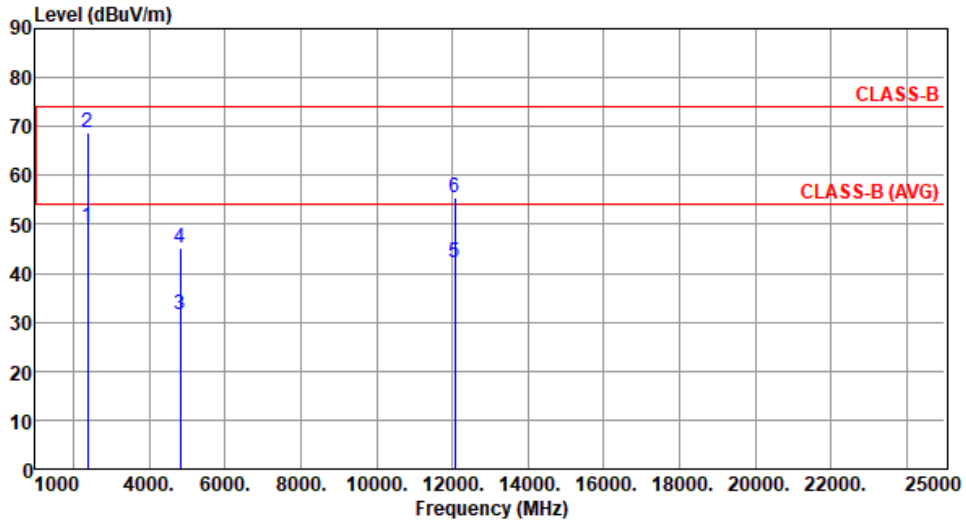


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	2390.00	52.38	54.00	-1.62	56.76	-4.38	Average	223	329
2	2390.00	73.85	74.00	-0.15	78.23	-4.38	Peak	223	329
3	4824.00	32.74	54.00	-21.26	33.15	-0.41	Average	100	160
4	4824.00	47.08	74.00	-26.92	47.49	-0.41	Peak	100	160
5	12060.00	42.27	54.00	-11.73	36.01	6.26	Average	100	44
6	12060.00	55.47	74.00	-18.53	49.21	6.26	Peak	100	44

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor, cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	be EHT20	**Test Freq. (MHz)**	2412
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):25 Humidity(%):62

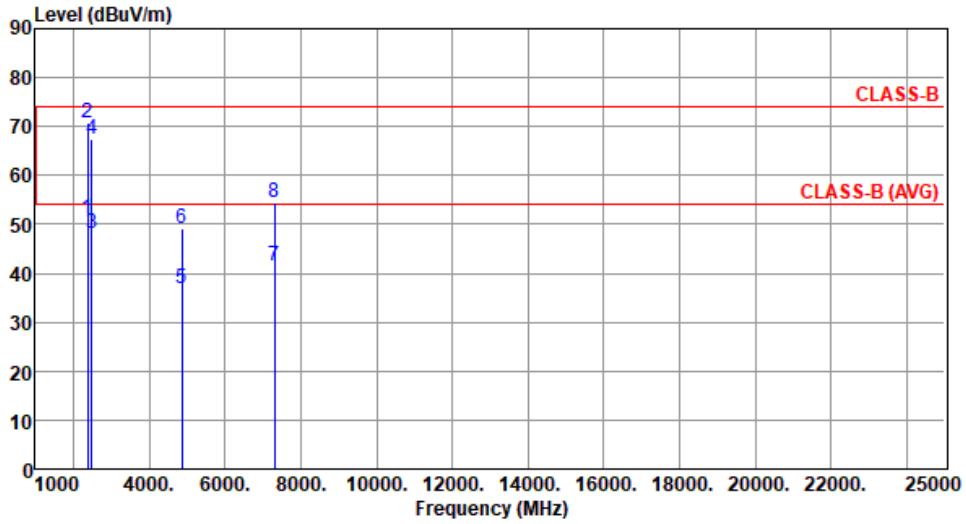


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	2390.00	49.41	54.00	-4.59	53.79	-4.38	Average	130	114
2	2390.00	68.73	74.00	-5.27	73.11	-4.38	Peak	130	114
3	4824.00	31.52	54.00	-22.48	31.93	-0.41	Average	100	119
4	4824.00	45.33	74.00	-28.67	45.74	-0.41	Peak	100	119
5	12060.00	42.23	54.00	-11.77	35.97	6.26	Average	100	94
6	12060.00	55.56	74.00	-18.44	49.30	6.26	Peak	100	94

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor, cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	be EHT20	**Test Freq. (MHz)**	2437
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):23 Humidity(%):61

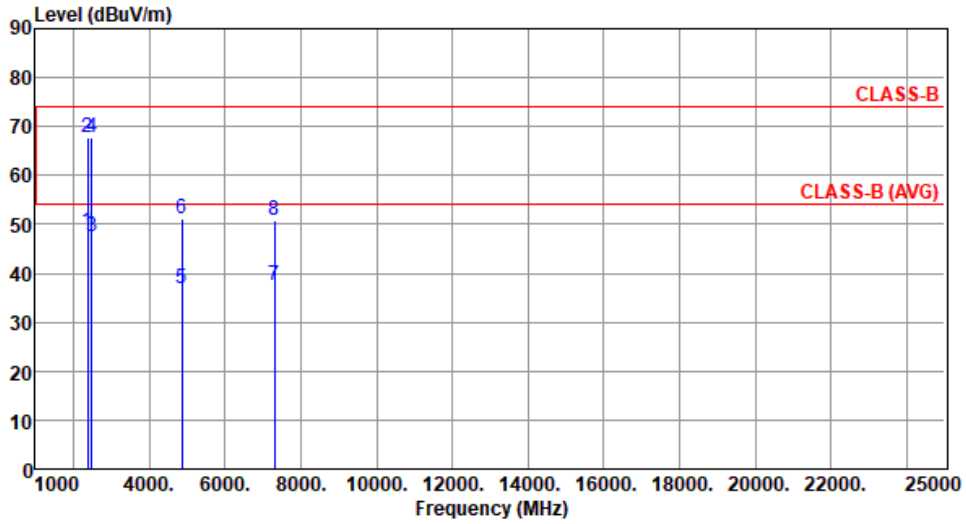


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	2390.00	51.23	54.00	-2.77	55.61	-4.38	Average	115	329
2	2390.00	70.63	74.00	-3.37	75.01	-4.38	Peak	115	329
3	2483.50	48.29	54.00	-5.71	53.04	-4.75	Average	115	329
4	2483.50	67.47	74.00	-6.53	72.22	-4.75	Peak	115	329
5	4874.00	36.85	54.00	-17.15	37.35	-0.50	Average	100	194
6	4874.00	49.07	74.00	-24.93	49.57	-0.50	Peak	100	194
7	7311.00	41.48	54.00	-12.52	36.32	5.16	Average	190	213
8	7311.00	54.46	74.00	-19.54	49.30	5.16	Peak	190	213

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor, cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	be EHT20	**Test Freq. (MHz)**	2437
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):23 Humidity(%):61

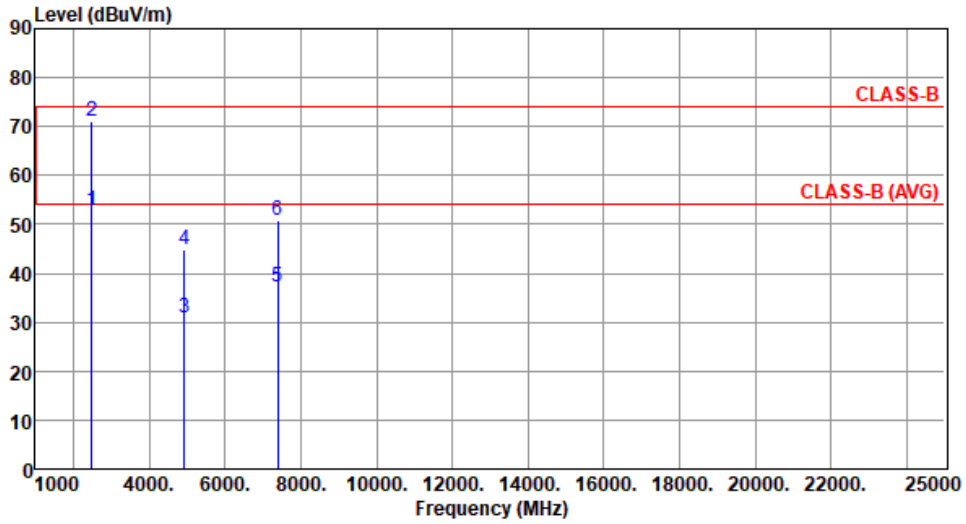


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	2390.00	48.52	54.00	-5.48	52.90	-4.38	Average	100	242
2	2390.00	67.84	74.00	-6.16	72.22	-4.38	Peak	100	242
3	2483.50	47.37	54.00	-6.63	52.12	-4.75	Average	100	242
4	2483.50	67.88	74.00	-6.12	72.63	-4.75	Peak	100	242
5	4874.00	36.75	54.00	-17.25	37.25	-0.50	Average	100	341
6	4874.00	51.03	74.00	-22.97	51.53	-0.50	Peak	100	341
7	7311.00	37.65	54.00	-16.35	32.49	5.16	Average	100	223
8	7311.00	50.83	74.00	-23.17	45.67	5.16	Peak	100	223

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor, cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	be EHT20	**Test Freq. (MHz)**	2462
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):23 Humidity(%):61

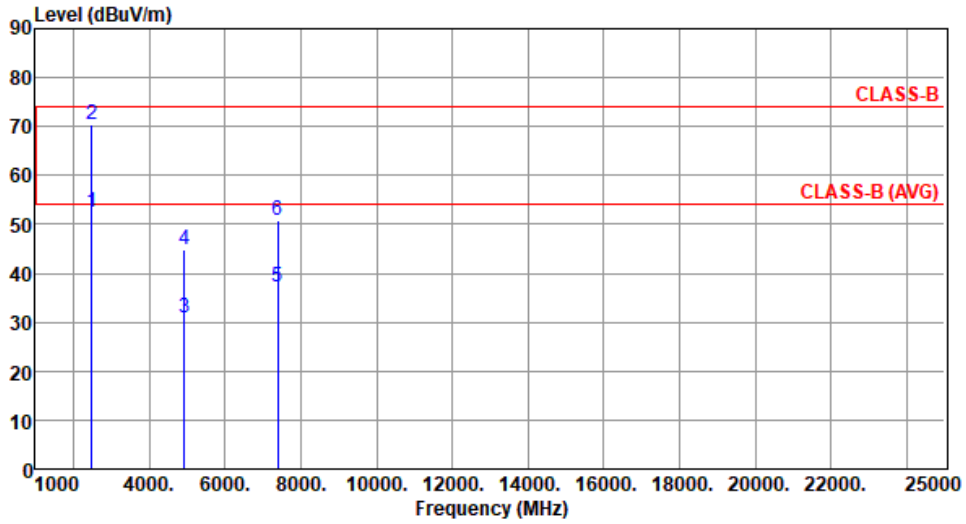


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	2483.50	52.85	54.00	-1.15	57.60	-4.75	Average	114	315
2	2483.50	71.03	74.00	-2.97	75.78	-4.75	Peak	114	315
3	4924.00	30.82	54.00	-23.18	31.26	-0.44	Average	100	177
4	4924.00	44.82	74.00	-29.18	45.26	-0.44	Peak	100	177
5	7386.00	37.21	54.00	-16.79	32.18	5.03	Average	100	208
6	7386.00	50.67	74.00	-23.33	45.64	5.03	Peak	100	208

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor, cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	be EHT20	**Test Freq. (MHz)**	2462
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):23 Humidity(%):61



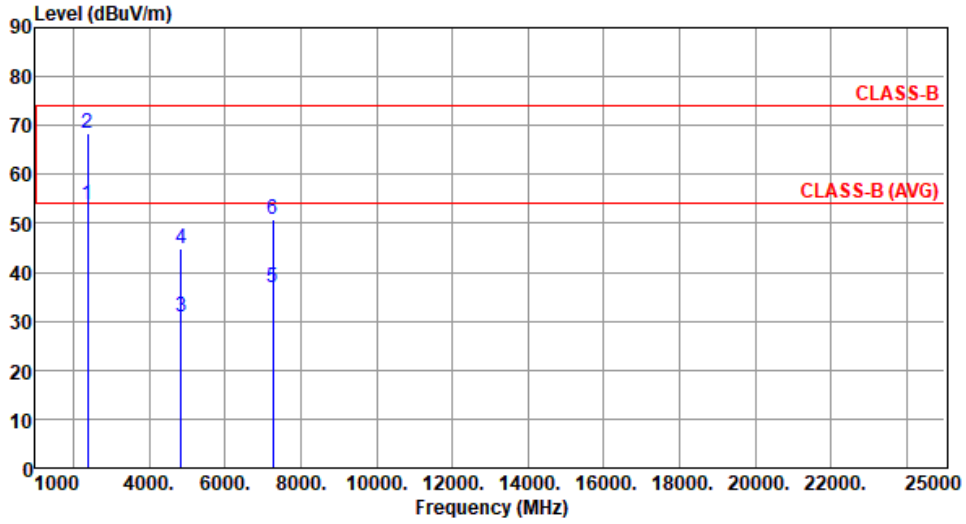
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	2483.50	52.33	54.00	-1.67	57.08	-4.75	Average	100	137
2	2483.50	70.51	74.00	-3.49	75.26	-4.75	Peak	100	137
3	4924.00	30.90	54.00	-23.10	31.34	-0.44	Average	100	251
4	4924.00	44.99	74.00	-29.01	45.43	-0.44	Peak	100	251
5	7386.00	37.14	54.00	-16.86	32.11	5.03	Average	100	105
6	7386.00	50.79	74.00	-23.21	45.76	5.03	Peak	100	105

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor, cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Unwanted Emissions (Above 1GHz) for be EHT40

Modulation	be EHT40	**Test Freq. (MHz)**	2422
Polarization	Horizontal		

Test By :Allen Lee Temperature(℃):24 Humidity(%):61

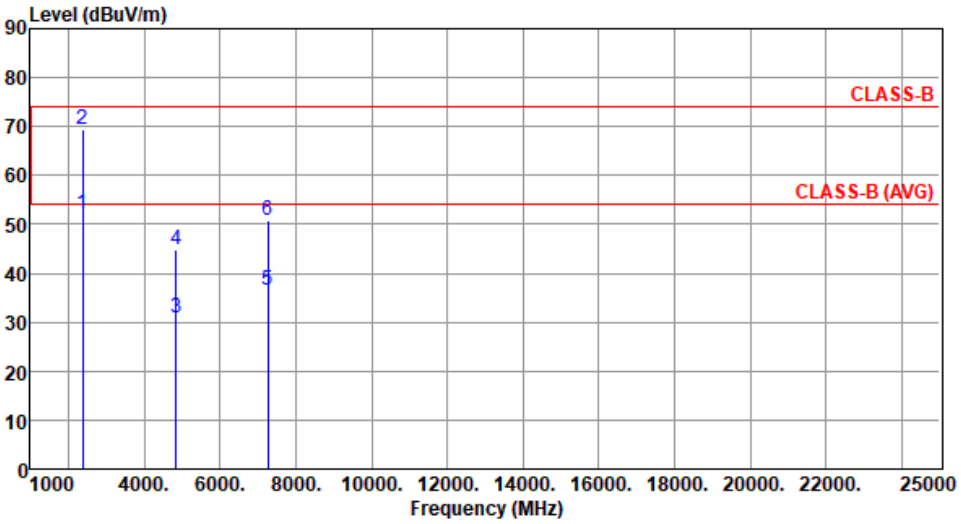


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	2390.00	53.88	54.00	-0.12	58.26	-4.38	Average	117	118
2	2390.00	68.34	74.00	-5.66	72.72	-4.38	Peak	117	118
3	4844.00	30.98	54.00	-23.02	31.43	-0.45	Average	100	145
4	4844.00	44.93	74.00	-29.07	45.38	-0.45	Peak	100	145
5	7266.00	36.75	54.00	-17.25	31.54	5.21	Average	100	208
6	7266.00	50.78	74.00	-23.22	45.57	5.21	Peak	100	208

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor, cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	be EHT40	**Test Freq. (MHz)**	2422
Polarization	Vertical		

Test By :Allen Lee Temperature(℃):24 Humidity(%):61

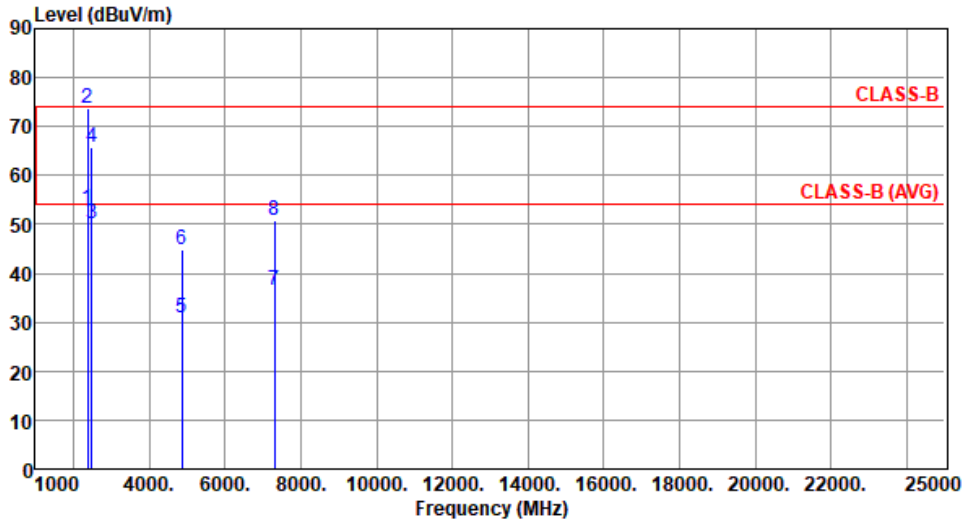


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	2390.00	51.98	54.00	-2.02	56.36	-4.38	Average	100	228
2	2390.00	69.34	74.00	-4.66	73.72	-4.38	Peak	100	228
3	4844.00	30.78	54.00	-23.22	31.23	-0.45	Average	100	102
4	4844.00	44.92	74.00	-29.08	45.37	-0.45	Peak	100	102
5	7266.00	36.70	54.00	-17.30	31.49	5.21	Average	100	258
6	7266.00	50.93	74.00	-23.07	45.72	5.21	Peak	100	258

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor, cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	be EHT40	**Test Freq. (MHz)**	2437
Polarization	Horizontal		

Test By :Allen Lee Temperature(℃):24 Humidity(%):61

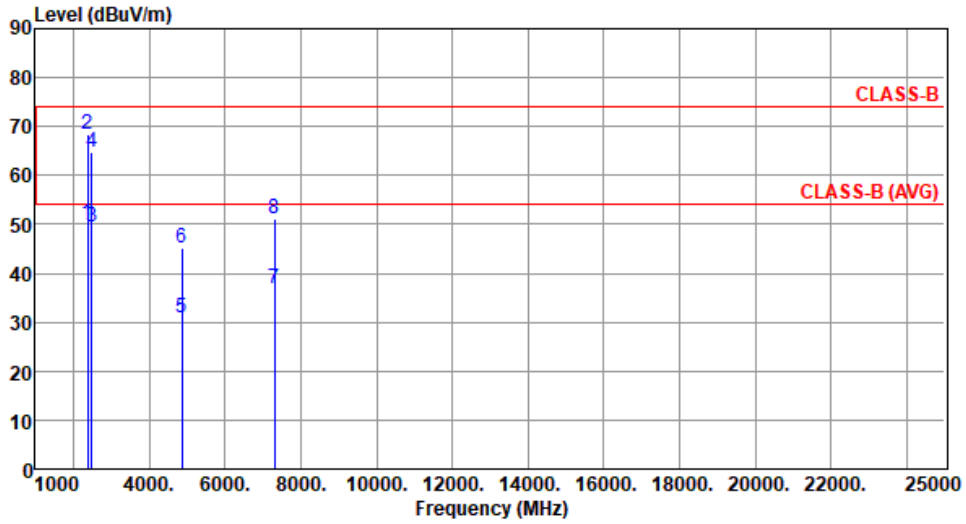


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	2390.00	53.20	54.00	-0.80	57.58	-4.38	Average	108	132
2	2390.00	73.85	74.00	-0.15	78.23	-4.38	Peak	108	132
3	2483.50	50.13	54.00	-3.87	54.88	-4.75	Average	108	132
4	2483.50	65.65	74.00	-8.35	70.40	-4.75	Peak	108	132
5	4874.00	30.79	54.00	-23.21	31.29	-0.50	Average	100	108
6	4874.00	44.93	74.00	-29.07	45.43	-0.50	Peak	100	108
7	7311.00	36.63	54.00	-17.37	31.47	5.16	Average	100	215
8	7311.00	50.93	74.00	-23.07	45.77	5.16	Peak	100	215

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor, cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	be EHT40	**Test Freq. (MHz)**	2437
Polarization	Vertical		

Test By :Allen Lee Temperature(℃):24 Humidity(%):61

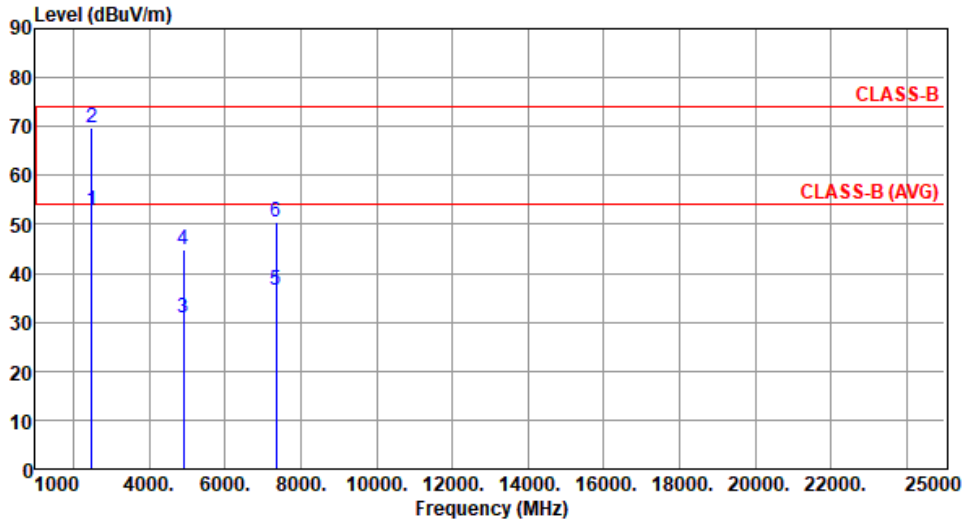


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	2390.00	50.19	54.00	-3.81	54.57	-4.38	Average	100	118
2	2390.00	68.57	74.00	-5.43	72.95	-4.38	Peak	100	118
3	2483.50	49.53	54.00	-4.47	54.28	-4.75	Average	100	118
4	2483.50	64.73	74.00	-9.27	69.48	-4.75	Peak	100	118
5	4874.00	30.81	54.00	-23.19	31.31	-0.50	Average	100	208
6	4874.00	45.14	74.00	-28.86	45.64	-0.50	Peak	100	208
7	7311.00	36.74	54.00	-17.26	31.58	5.16	Average	100	117
8	7311.00	51.02	74.00	-22.98	45.86	5.16	Peak	100	117

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor, cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	be EHT40	**Test Freq. (MHz)**	2452
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):23 Humidity(%):61

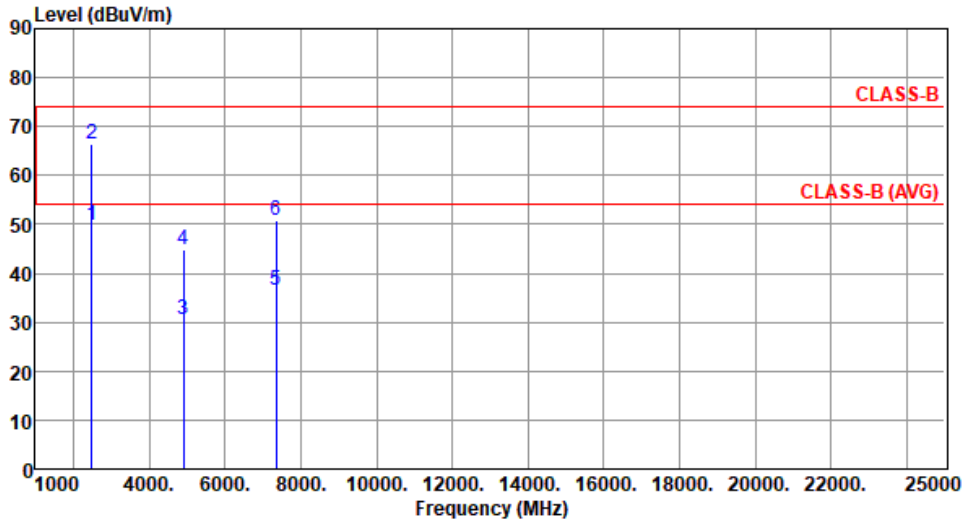


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	2483.50	52.72	54.00	-1.28	57.47	-4.75	Average	204	334
2	2483.50	69.80	74.00	-4.20	74.55	-4.75	Peak	204	334
3	4904.00	30.74	54.00	-23.26	31.27	-0.53	Average	100	172
4	4904.00	44.80	74.00	-29.20	45.33	-0.53	Peak	100	172
5	7356.00	36.43	54.00	-17.57	31.38	5.05	Average	100	204
6	7356.00	50.61	74.00	-23.39	45.56	5.05	Peak	100	204

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor, cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	be EHT40	**Test Freq. (MHz)**	2452
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):23 Humidity(%):61



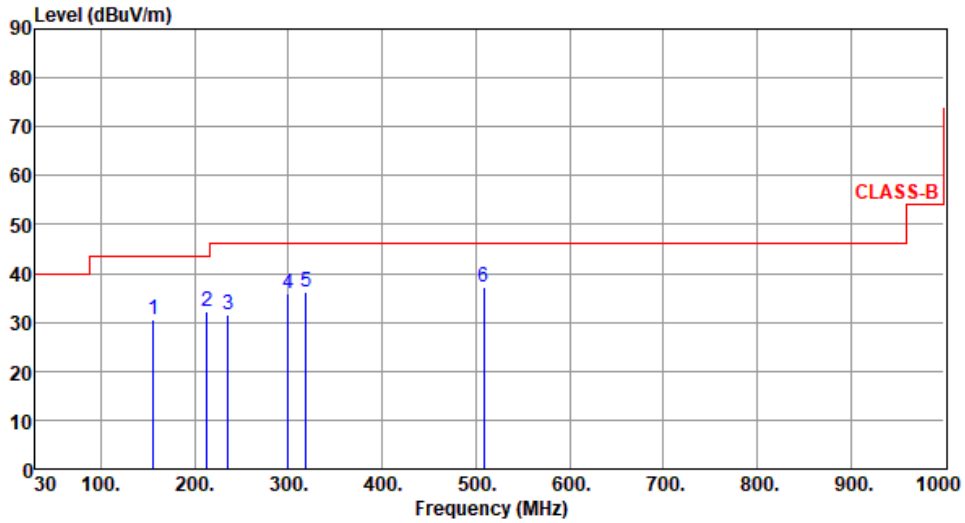
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	2483.50	49.67	54.00	-4.33	54.42	-4.75	Average	100	149
2	2483.50	66.58	74.00	-7.42	71.33	-4.75	Peak	100	149
3	4904.00	30.69	54.00	-23.31	31.22	-0.53	Average	100	216
4	4904.00	44.89	74.00	-29.11	45.42	-0.53	Peak	100	216
5	7356.00	36.47	54.00	-17.53	31.42	5.05	Average	100	168
6	7356.00	50.77	74.00	-23.23	45.72	5.05	Peak	100	168

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor, cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Configuration 2: Model: SDG-8734
Unwanted Emissions (Below 1GHz)

Modulation	11b	Test Freq. (MHz)	2437
Polarization	Horizontal		

Test By :Allen Lee Temperature(℃):24 Humidity(%):62

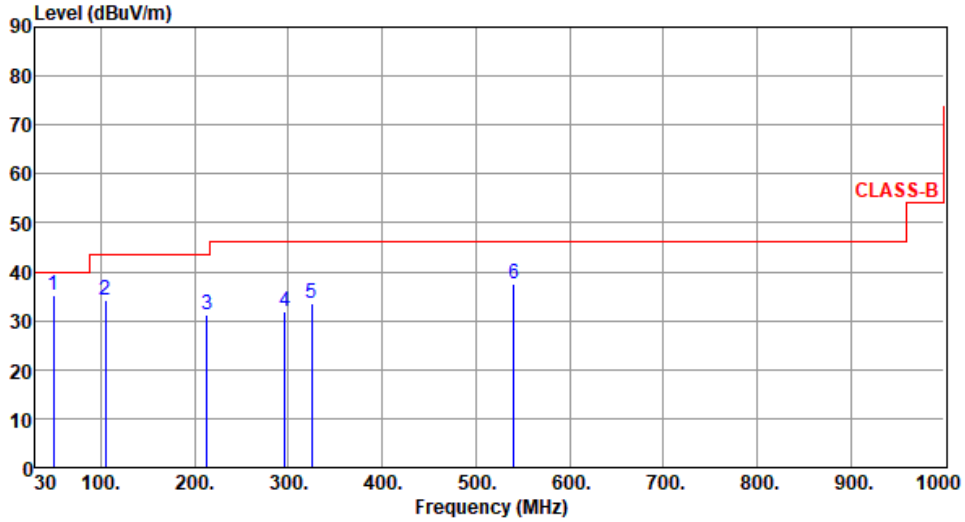


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	156.30	30.58	43.50	-12.92	39.25	-8.67	Peak	---	---
2	213.13	32.23	43.50	-11.27	44.20	-11.97	Peak	---	---
3	235.46	31.49	46.00	-14.51	42.23	-10.74	Peak	---	---
4	299.98	36.03	46.00	-9.97	44.09	-8.06	Peak	---	---
5	319.01	36.16	46.00	-9.84	43.59	-7.43	Peak	---	---
6	508.12	37.26	46.00	-8.74	40.05	-2.79	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor, cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

Modulation	11b	**Test Freq. (MHz)**	2437
Polarization	Vertical		

Test By :Allen Lee Temperature(℃):24 Humidity(%):62



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	49.49	35.15	40.00	-4.85	43.04	-7.89	QP	100	92
2	104.96	34.23	43.50	-9.27	46.55	-12.32	Peak	---	---
3	213.45	31.20	43.50	-12.30	43.17	-11.97	Peak	---	---
4	296.49	31.80	46.00	-14.20	40.01	-8.21	Peak	---	---
5	324.51	33.58	46.00	-12.42	40.89	-7.31	Peak	---	---
6	540.91	37.62	46.00	-8.38	40.06	-2.44	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor, cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

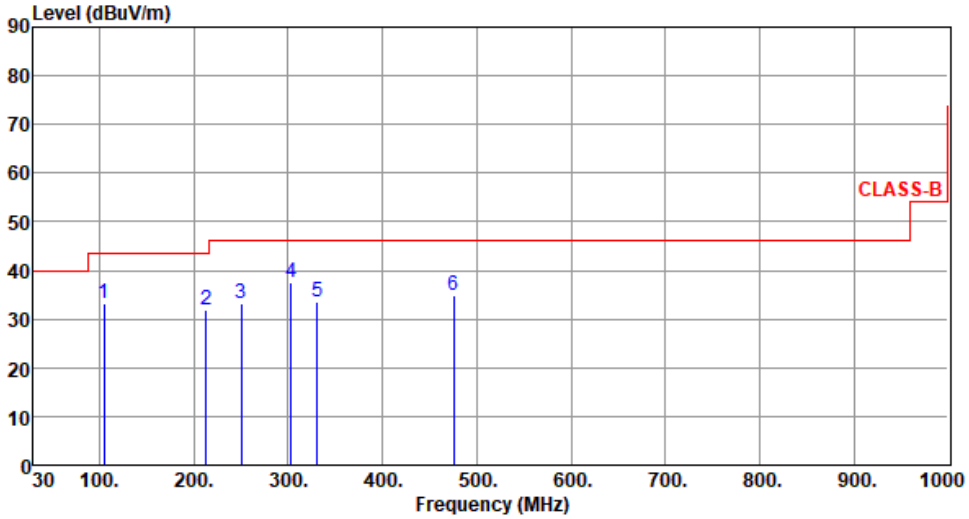
Beamforming mode

Configuration 1: Model: SDG-8733

Unwanted Emissions (Below 1GHz)

Modulation	be EHT20	**Test Freq. (MHz)**	2437
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):25 Humidity(%):61

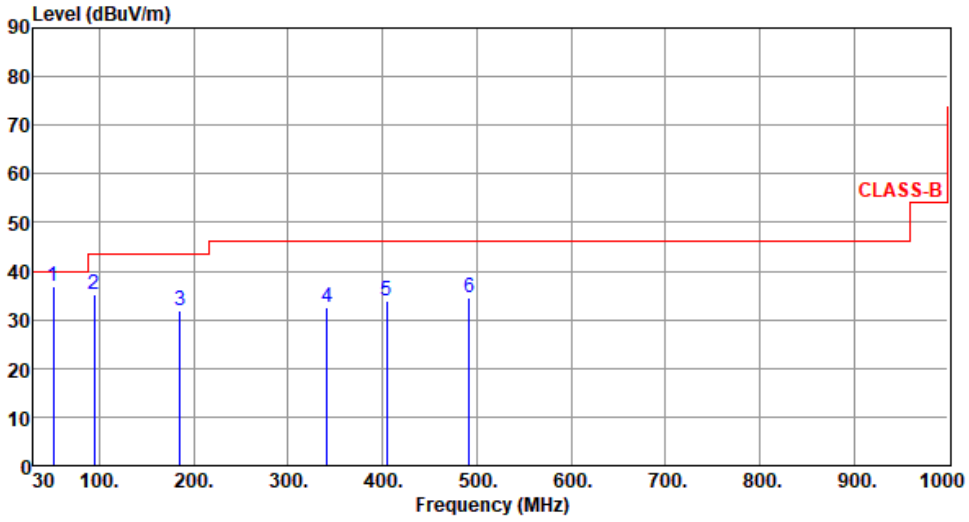


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	104.69	33.36	43.50	-10.14	45.73	-12.37	Peak	---	---
2	213.33	31.91	43.50	-11.59	43.88	-11.97	Peak	---	---
3	250.19	33.24	46.00	-12.76	43.19	-9.95	Peak	---	---
4	303.54	37.40	46.00	-8.60	45.38	-7.98	Peak	---	---
5	330.70	33.62	46.00	-12.38	40.79	-7.17	Peak	---	---
6	475.23	34.83	46.00	-11.17	38.41	-3.58	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

Modulation	be EHT20	**Test Freq. (MHz)**	2437
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):25 Humidity(%):61



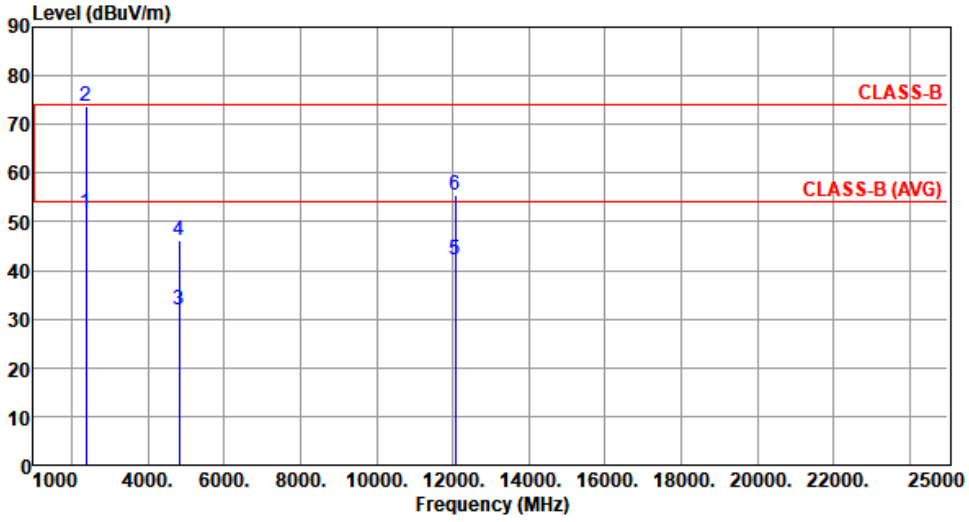
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	51.34	36.94	40.00	-3.06	44.81	-7.87	QP	100	60
2	94.02	35.24	43.50	-8.26	49.27	-14.03	Peak	---	---
3	185.20	32.00	43.50	-11.50	42.86	-10.86	Peak	---	---
4	341.37	32.67	46.00	-13.33	39.72	-7.05	Peak	---	---
5	404.42	33.85	46.00	-12.15	39.14	-5.29	Peak	---	---
6	491.72	34.57	46.00	-11.43	37.78	-3.21	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

Unwanted Emissions (Above 1GHz) for be EHT20

Modulation	be EHT20	**Test Freq. (MHz)**	2412
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):25 Humidity(%):62

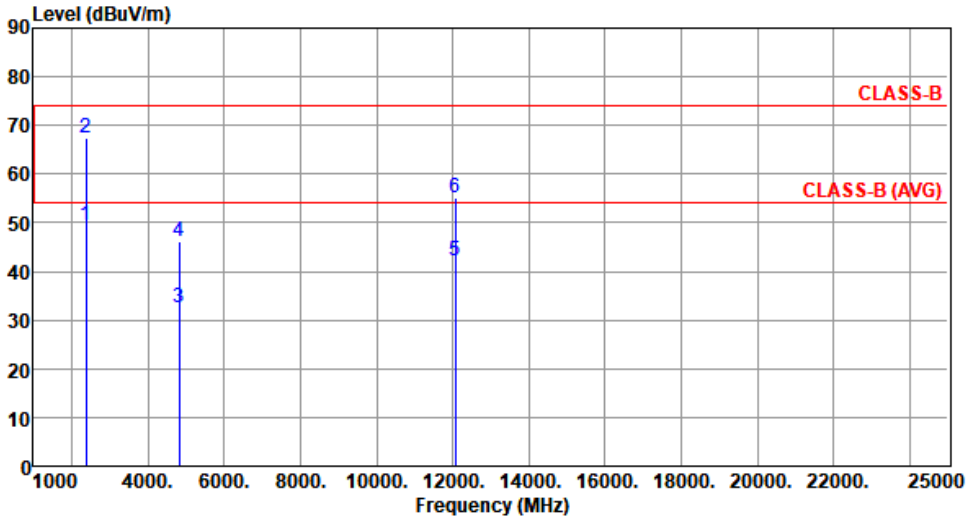


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	2390.00	51.69	54.00	-2.31	56.07	-4.38	Average	248	350
2	2390.00	73.82	74.00	-0.18	78.20	-4.38	Peak	248	350
3	4824.00	31.92	54.00	-22.08	32.33	-0.41	Average	100	87
4	4824.00	46.32	74.00	-27.68	46.73	-0.41	Peak	100	87
5	12060.00	42.12	54.00	-11.88	35.86	6.26	Average	100	201
6	12060.00	55.37	74.00	-18.63	49.11	6.26	Peak	100	201

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	be EHT20	**Test Freq. (MHz)**	2412
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):25 Humidity(%):62

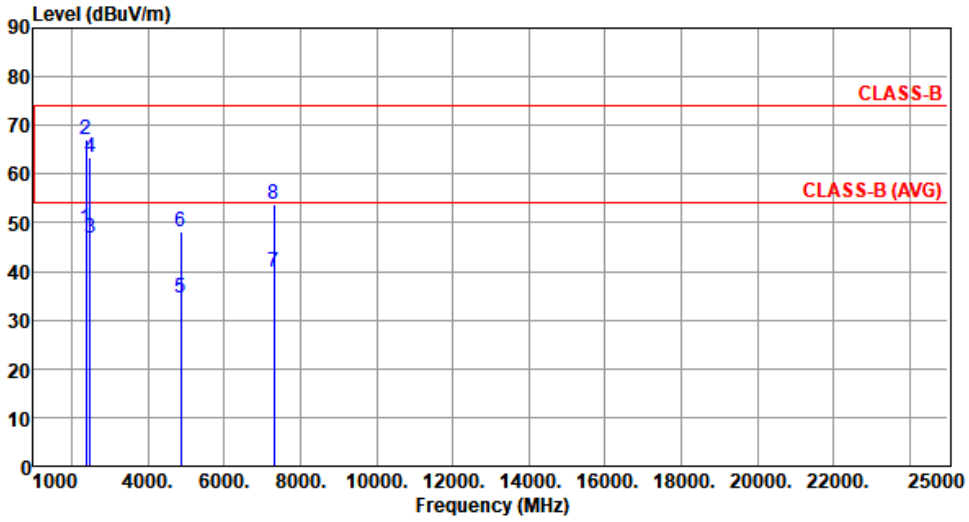


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	2390.00	49.49	54.00	-4.51	53.87	-4.38	Average	106	99
2	2390.00	67.37	74.00	-6.63	71.75	-4.38	Peak	106	99
3	4824.00	32.70	54.00	-21.30	33.11	-0.41	Average	100	316
4	4824.00	46.06	74.00	-27.94	46.47	-0.41	Peak	100	316
5	12060.00	42.05	54.00	-11.95	35.79	6.26	Average	100	123
6	12060.00	55.20	74.00	-18.80	48.94	6.26	Peak	100	123

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	be EHT20	**Test Freq. (MHz)**	2437
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):25 Humidity(%):62

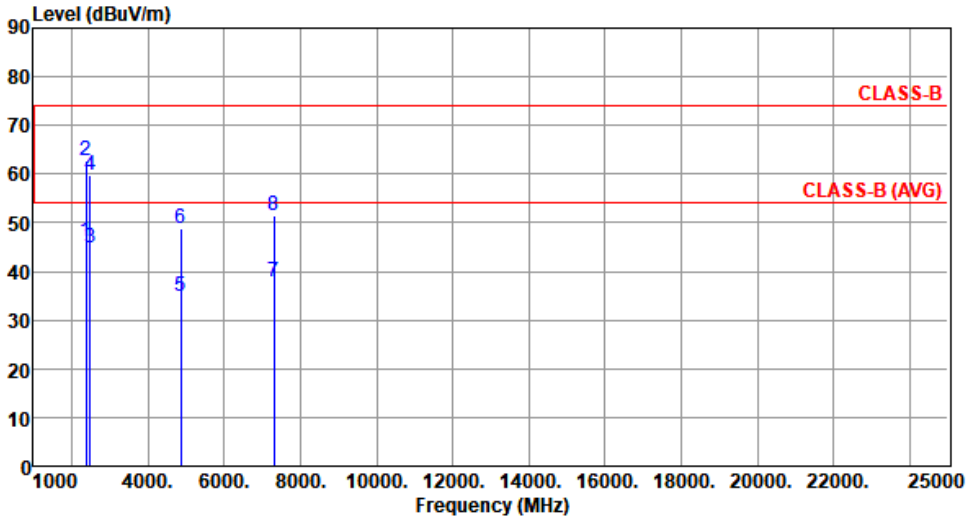


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	2390.00	48.66	54.00	-5.34	53.04	-4.38	Average	206	343
2	2390.00	67.03	74.00	-6.97	71.41	-4.38	Peak	206	343
3	2483.50	46.83	54.00	-7.17	51.58	-4.75	Average	206	343
4	2483.50	63.38	74.00	-10.62	68.13	-4.75	Peak	206	343
5	4874.00	34.41	54.00	-19.59	34.91	-0.50	Average	123	88
6	4874.00	48.09	74.00	-25.91	48.59	-0.50	Peak	123	88
7	7311.00	39.76	54.00	-14.24	34.60	5.16	Average	100	240
8	7311.00	53.84	74.00	-20.16	48.68	5.16	Peak	100	240

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	be EHT20	**Test Freq. (MHz)**	2437
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):25 Humidity(%):62

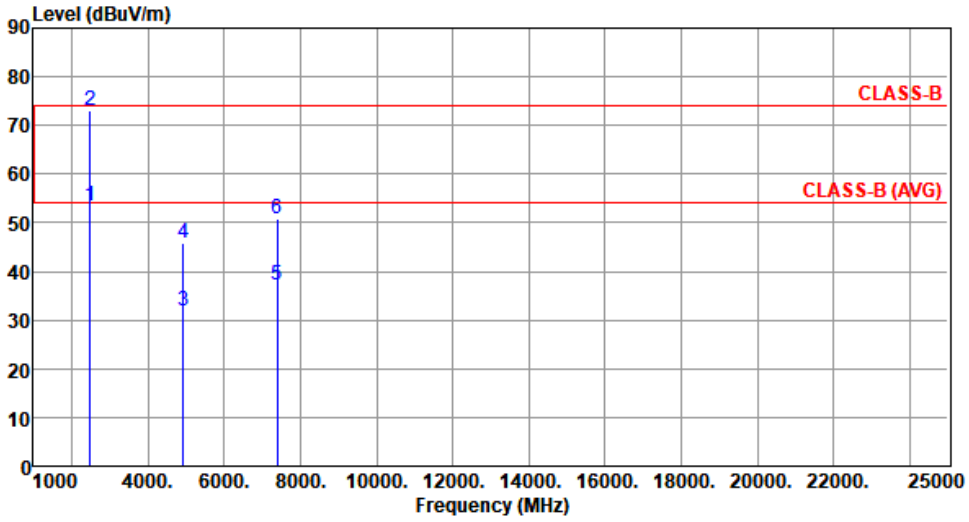


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	2390.00	46.10	54.00	-7.90	50.48	-4.38	Average	192	96
2	2390.00	62.60	74.00	-11.40	66.98	-4.38	Peak	192	96
3	2483.50	44.92	54.00	-9.08	49.67	-4.75	Average	192	96
4	2483.50	59.66	74.00	-14.34	64.41	-4.75	Peak	192	96
5	4874.00	34.79	54.00	-19.21	35.29	-0.50	Average	100	325
6	4874.00	48.66	74.00	-25.34	49.16	-0.50	Peak	100	325
7	7311.00	37.78	54.00	-16.22	32.62	5.16	Average	100	175
8	7311.00	51.43	74.00	-22.57	46.27	5.16	Peak	100	175

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	be EHT20	**Test Freq. (MHz)**	2462
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):25 Humidity(%):62

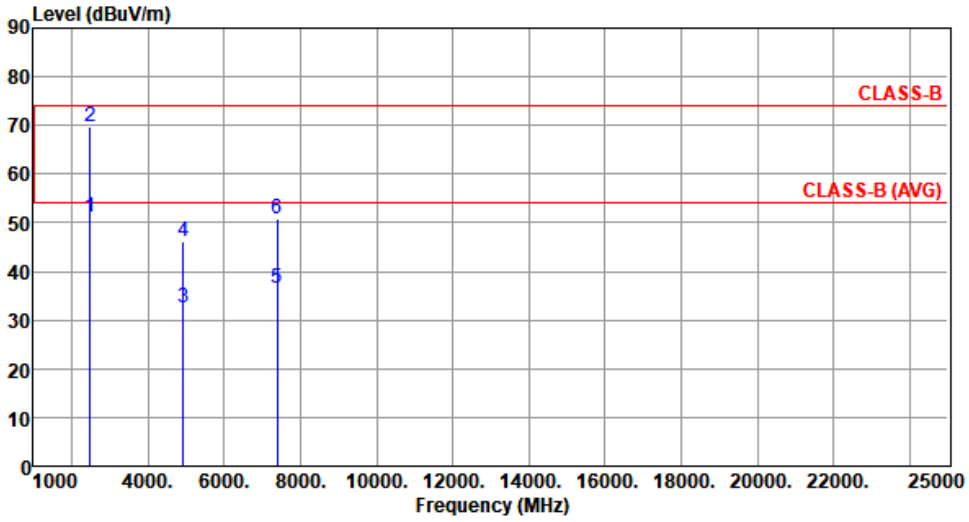


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	2483.50	53.50	54.00	-0.50	58.25	-4.75	Average	231	348
2	2483.50	73.01	74.00	-0.99	77.76	-4.75	Peak	231	348
3	4924.00	31.82	54.00	-22.18	32.26	-0.44	Average	100	79
4	4924.00	45.93	74.00	-28.07	46.37	-0.44	Peak	100	79
5	7386.00	37.30	54.00	-16.70	32.27	5.03	Average	100	244
6	7386.00	50.97	74.00	-23.03	45.94	5.03	Peak	100	244

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	be EHT20	**Test Freq. (MHz)**	2462
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):25 Humidity(%):62



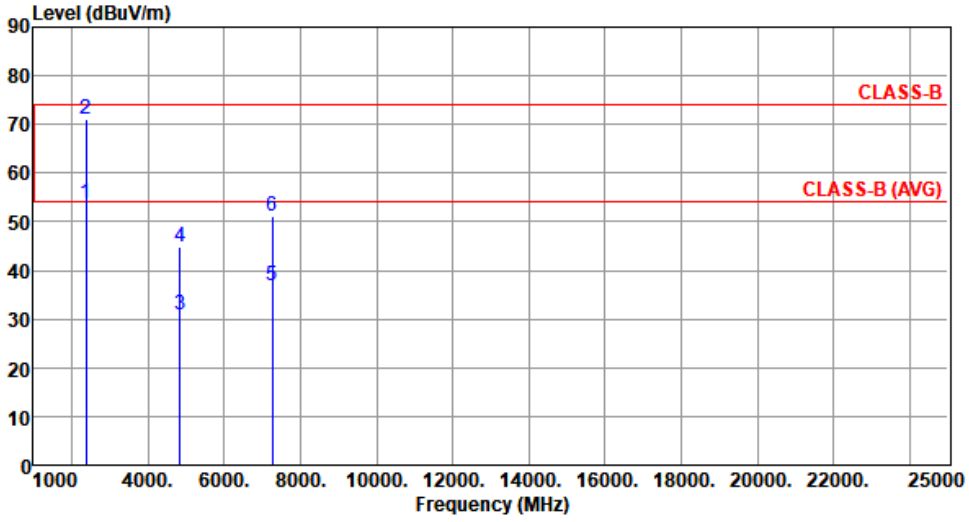
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	2483.50	51.27	54.00	-2.73	56.02	-4.75	Average	100	136
2	2483.50	69.72	74.00	-4.28	74.47	-4.75	Peak	100	136
3	4924.00	32.66	54.00	-21.34	33.10	-0.44	Average	100	331
4	4924.00	46.33	74.00	-27.67	46.77	-0.44	Peak	100	331
5	7386.00	36.46	54.00	-17.54	31.43	5.03	Average	100	108
6	7386.00	50.69	74.00	-23.31	45.66	5.03	Peak	100	108

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Unwanted Emissions (Above 1GHz) for be EHT40

Modulation	be EHT40	**Test Freq. (MHz)**	2422
Polarization	Horizontal		

Test By :Roger Lu Temperature(℃):25 Humidity(%):62

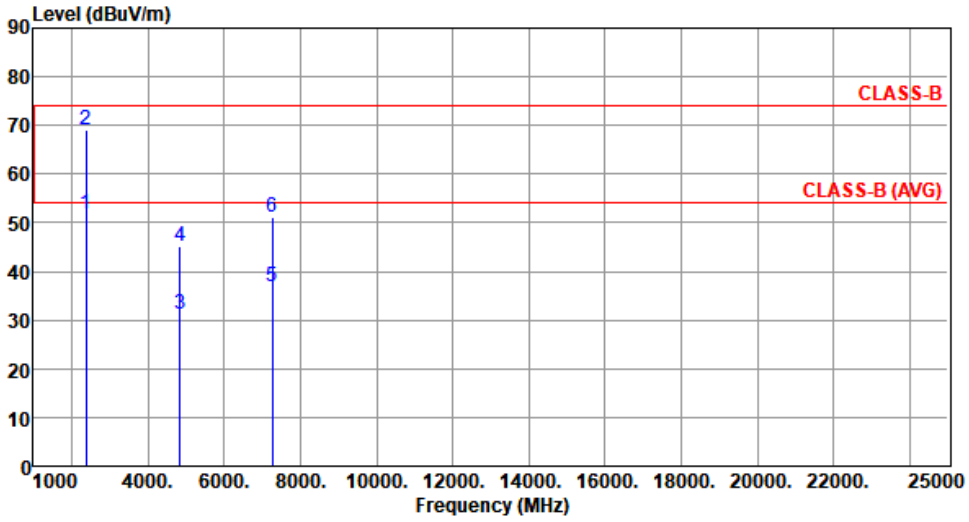


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	2390.00	53.87	54.00	-0.13	58.25	-4.38	Average	223	351
2	2390.00	71.21	74.00	-2.79	75.59	-4.38	Peak	223	351
3	4844.00	31.02	54.00	-22.98	31.47	-0.45	Average	100	147
4	4844.00	44.98	74.00	-29.02	45.43	-0.45	Peak	100	147
5	7266.00	36.76	54.00	-17.24	31.55	5.21	Average	100	226
6	7266.00	51.05	74.00	-22.95	45.84	5.21	Peak	100	226

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	be EHT40	**Test Freq. (MHz)**	2422
Polarization	Vertical		

Test By :Roger Lu Temperature(℃):25 Humidity(%):62

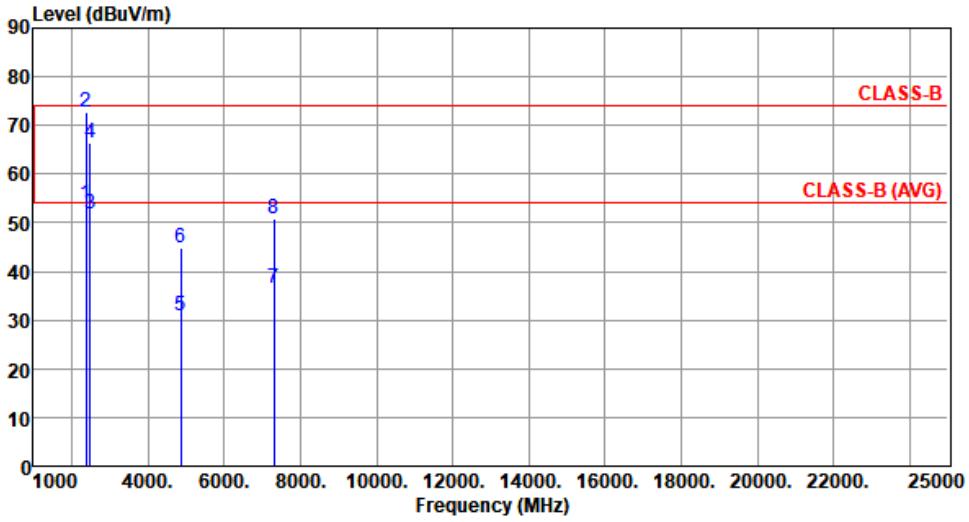


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	2390.00	51.75	54.00	-2.25	56.13	-4.38	Average	108	100
2	2390.00	69.04	74.00	-4.96	73.42	-4.38	Peak	108	100
3	4844.00	31.19	54.00	-22.81	31.64	-0.45	Average	100	127
4	4844.00	45.21	74.00	-28.79	45.66	-0.45	Peak	100	127
5	7266.00	36.96	54.00	-17.04	31.75	5.21	Average	100	246
6	7266.00	51.05	74.00	-22.95	45.84	5.21	Peak	100	246

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	be EHT40	**Test Freq. (MHz)**	2437
Polarization	Horizontal		

Test By :Roger Lu Temperature(℃):25 Humidity(%):62

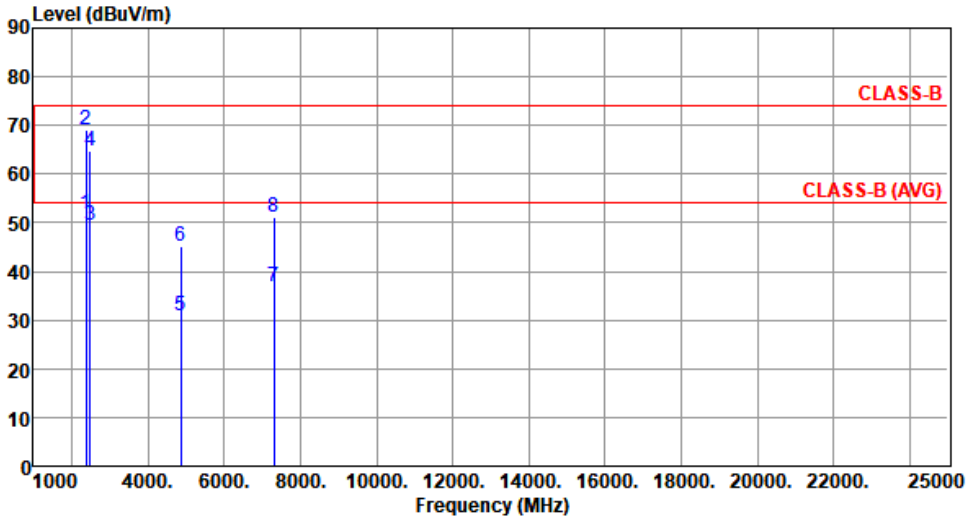


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	2390.00	53.85	54.00	-0.15	58.23	-4.38	Average	214	351
2	2390.00	72.61	74.00	-1.39	76.99	-4.38	Peak	214	351
3	2483.50	51.89	54.00	-2.11	56.64	-4.75	Average	214	351
4	2483.50	66.51	74.00	-7.49	71.26	-4.75	Peak	214	351
5	4874.00	30.76	54.00	-23.24	31.26	-0.50	Average	100	108
6	4874.00	44.87	74.00	-29.13	45.37	-0.50	Peak	100	108
7	7311.00	36.61	54.00	-17.39	31.45	5.16	Average	100	43
8	7311.00	50.93	74.00	-23.07	45.77	5.16	Peak	100	43

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	be EHT40	**Test Freq. (MHz)**	2437
Polarization	Vertical		

Test By :Roger Lu Temperature(℃):25 Humidity(%):62

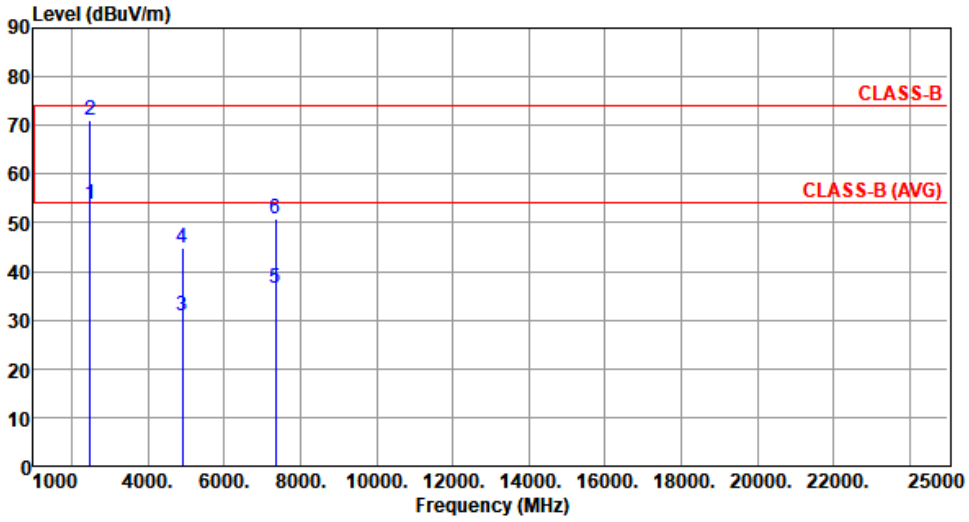


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	2390.00	51.73	54.00	-2.27	56.11	-4.38	Average	102	95
2	2390.00	69.21	74.00	-4.79	73.59	-4.38	Peak	102	95
3	2483.50	49.64	54.00	-4.36	54.39	-4.75	Average	102	95
4	2483.50	64.84	74.00	-9.16	69.59	-4.75	Peak	102	95
5	4874.00	30.97	54.00	-23.03	31.47	-0.50	Average	100	112
6	4874.00	45.14	74.00	-28.86	45.64	-0.50	Peak	100	112
7	7311.00	36.80	54.00	-17.20	31.64	5.16	Average	100	245
8	7311.00	51.01	74.00	-22.99	45.85	5.16	Peak	100	245

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	be EHT40	**Test Freq. (MHz)**	2452
Polarization	Horizontal		

Test By :Roger Lu Temperature(℃):25 Humidity(%):62

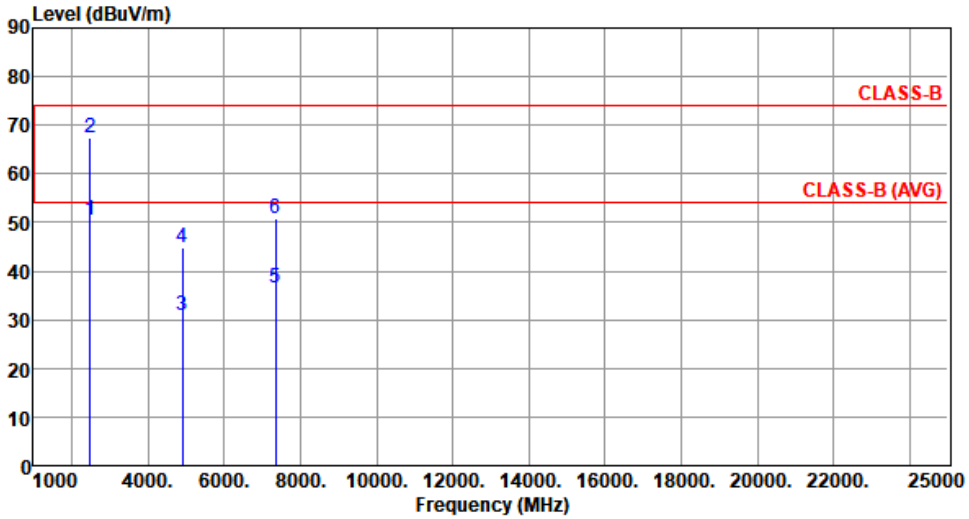


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	2483.50	53.83	54.00	-0.17	58.58	-4.75	Average	215	347
2	2483.50	71.19	74.00	-2.81	75.94	-4.75	Peak	215	347
3	4904.00	30.80	54.00	-23.20	31.33	-0.53	Average	100	105
4	4904.00	44.90	74.00	-29.10	45.43	-0.53	Peak	100	105
5	7356.00	36.69	54.00	-17.31	31.64	5.05	Average	100	241
6	7356.00	50.81	74.00	-23.19	45.76	5.05	Peak	100	241

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	be EHT40	**Test Freq. (MHz)**	2452
Polarization	Vertical		

Test By :Roger Lu Temperature(℃):25 Humidity(%):62



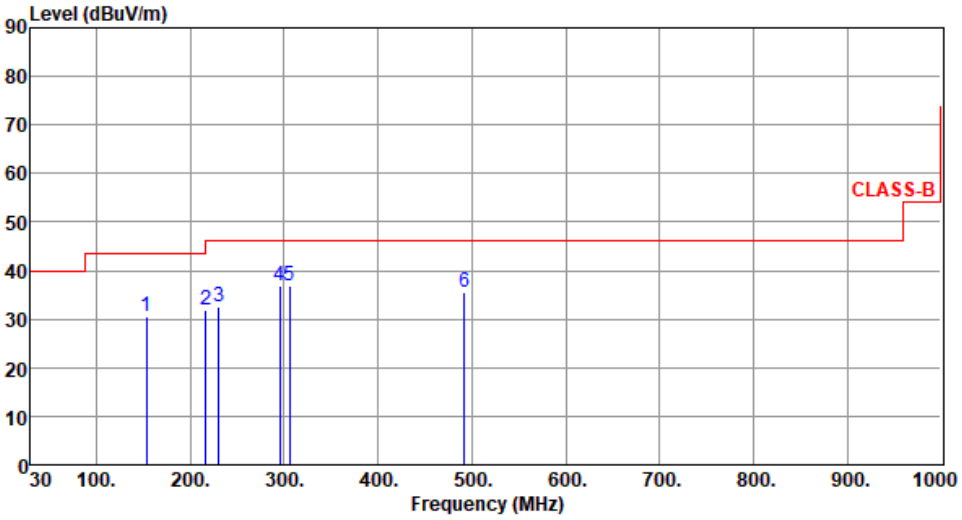
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	2483.50	50.45	54.00	-3.55	55.20	-4.75	Average	100	102
2	2483.50	67.43	74.00	-6.57	72.18	-4.75	Peak	100	102
3	4904.00	30.75	54.00	-23.25	31.28	-0.53	Average	100	257
4	4904.00	44.84	74.00	-29.16	45.37	-0.53	Peak	100	257
5	7356.00	36.63	54.00	-17.37	31.58	5.05	Average	100	108
6	7356.00	50.74	74.00	-23.26	45.69	5.05	Peak	100	108

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Configuration 2: Model: SDG-8734
Unwanted Emissions (Below 1GHz)

Modulation	be EHT20	**Test Freq. (MHz)**	2437
Polarization	Horizontal		

Test By :Allen Lee Temperature(℃):24 Humidity(%):62

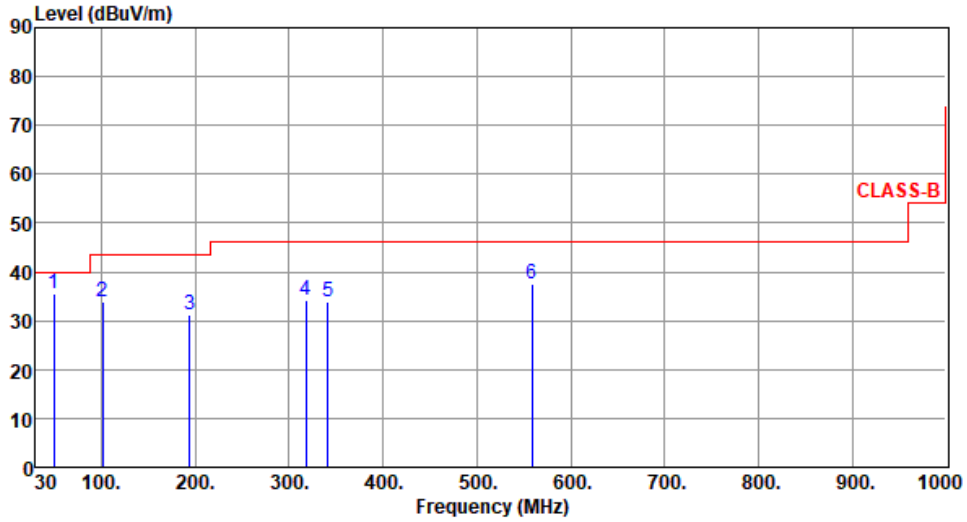


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	153.19	30.61	43.50	-12.89	39.42	-8.81	Peak	---	---
2	216.24	31.81	46.00	-14.19	43.75	-11.94	Peak	---	---
3	230.79	32.41	46.00	-13.59	43.81	-11.40	Peak	---	---
4	295.78	36.86	46.00	-9.14	45.11	-8.25	Peak	---	---
5	305.48	36.77	46.00	-9.23	44.70	-7.93	Peak	---	---
6	491.72	35.67	46.00	-10.33	38.88	-3.21	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

Modulation	be EHT20	**Test Freq. (MHz)**	2437
Polarization	Vertical		

Test By :Allen Lee Temperature(℃):24 Humidity(%):62



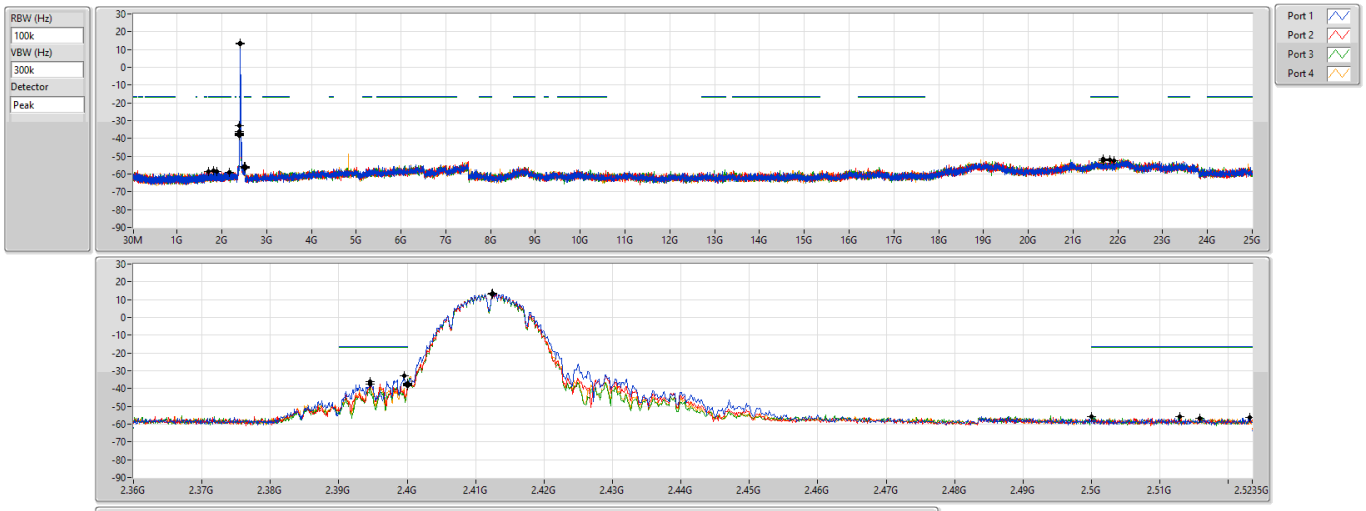
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	49.40	35.37	40.00	-4.63	43.25	-7.88	QP	100	91
2	101.78	34.02	43.50	-9.48	46.96	-12.94	Peak	---	---
3	193.93	31.12	43.50	-12.38	42.65	-11.53	Peak	---	---
4	318.09	34.31	46.00	-11.69	41.76	-7.45	Peak	---	---
5	341.37	33.74	46.00	-12.26	40.79	-7.05	Peak	---	---
6	558.65	37.62	46.00	-8.38	39.49	-1.87	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

Non-beamforming mode

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX CSENdB

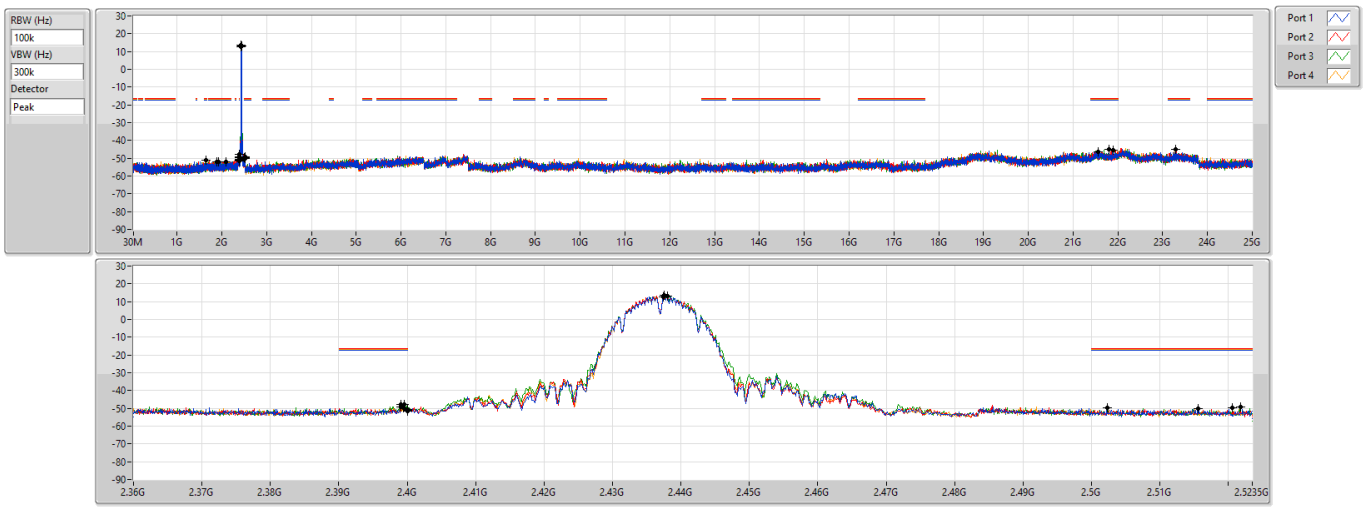
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41253G	13.56	-16.44	1.81828G	-58.32	2.39952G	-32.70	2.4G	-37.80	2.51286G	-55.76	21.90948G	-52.44	1
2.41253G	13.45	-16.55	2.1736G	-58.96	2.39456G	-36.17	2.4G	-37.08	2.51582G	-56.52	21.67348G	-51.33	2
2.41253G	13.13	-16.87	1.7111G	-58.53	2.4G	-37.66	2.4G	-37.88	2.50006G	-55.88	21.828G	-52.15	3
2.41236G	13.25	-16.75	1.89284G	-58.48	2.39456G	-37.60	2.4G	-38.46	2.5231G	-56.13	21.67067G	-52.30	4

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX CSENdB

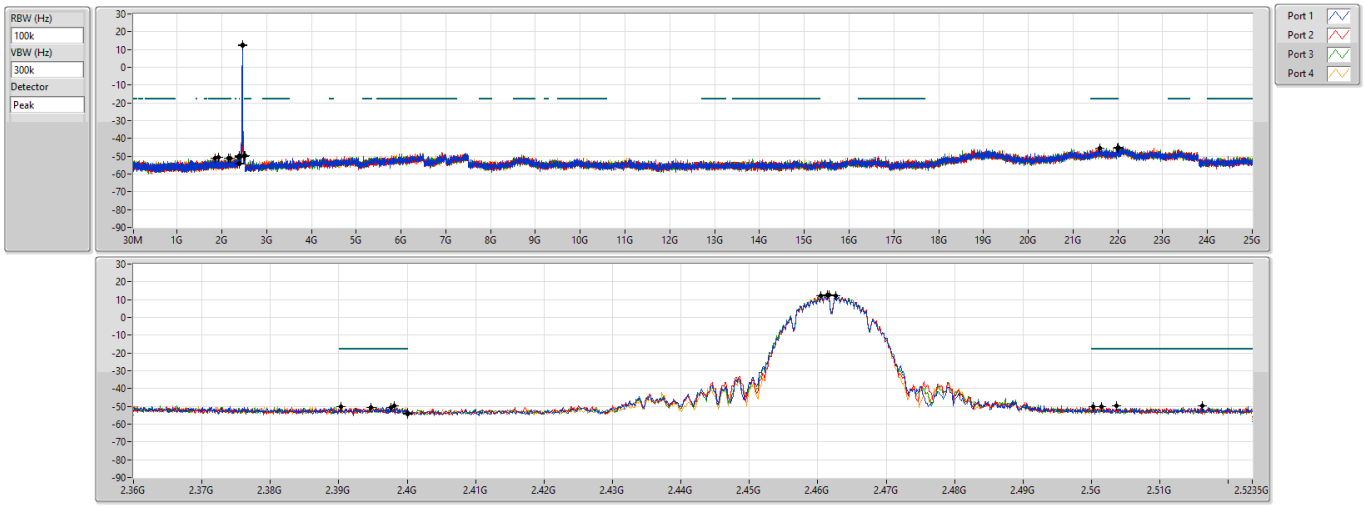
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43741G	12.65	-17.35	1.88002G	-51.90	2.39944G	-49.50	2.4G	-50.53	2.51558G	-50.13	21.55548G	-46.32	1
2.43758G	13.51	-16.49	2.10021G	-52.00	2.39904G	-48.04	2.4G	-51.01	2.52062G	-49.57	21.89262G	-45.61	2
2.43758G	13.65	-16.35	1.92429G	-51.80	2.39952G	-47.90	2.4G	-50.94	2.52174G	-49.31	23.28336G	-44.99	3
2.43808G	13.18	-16.82	1.65168G	-50.94	2.39904G	-49.32	2.4G	-51.42	2.5023G	-49.90	21.7971G	-44.92	4

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_4TX **CSENdB**

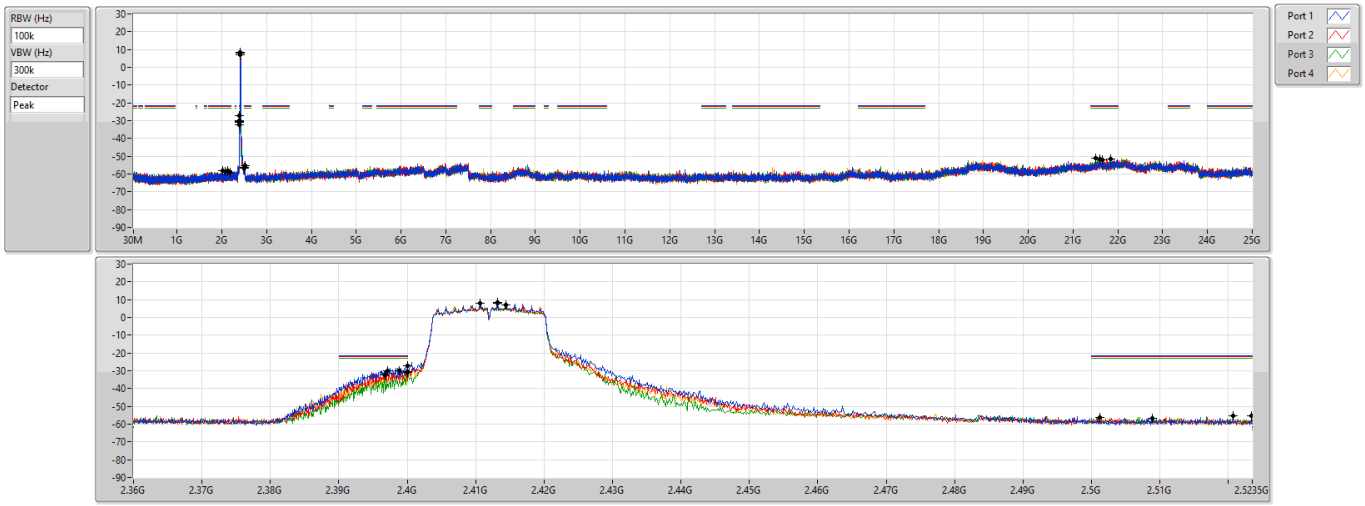
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.46263G	12.24	-17.76	2.14215G	-51.26	2.3976G	-50.62	2.4G	-53.80	2.51622G	-49.75	21.98815G	-45.39	1
2.46045G	12.15	-17.85	2.18292G	-51.27	2.39472G	-50.66	2.4G	-53.86	2.50022G	-49.96	21.59762G	-45.53	2
2.46162G	12.53	-17.47	1.91963G	-50.84	2.39032G	-50.29	2.4G	-54.34	2.50366G	-49.80	22.00782G	-45.18	3
2.46146G	12.61	-17.39	1.8474G	-51.05	2.39816G	-49.73	2.4G	-54.53	2.50142G	-50.32	22.00782G	-45.65	4

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX **CSENdB**

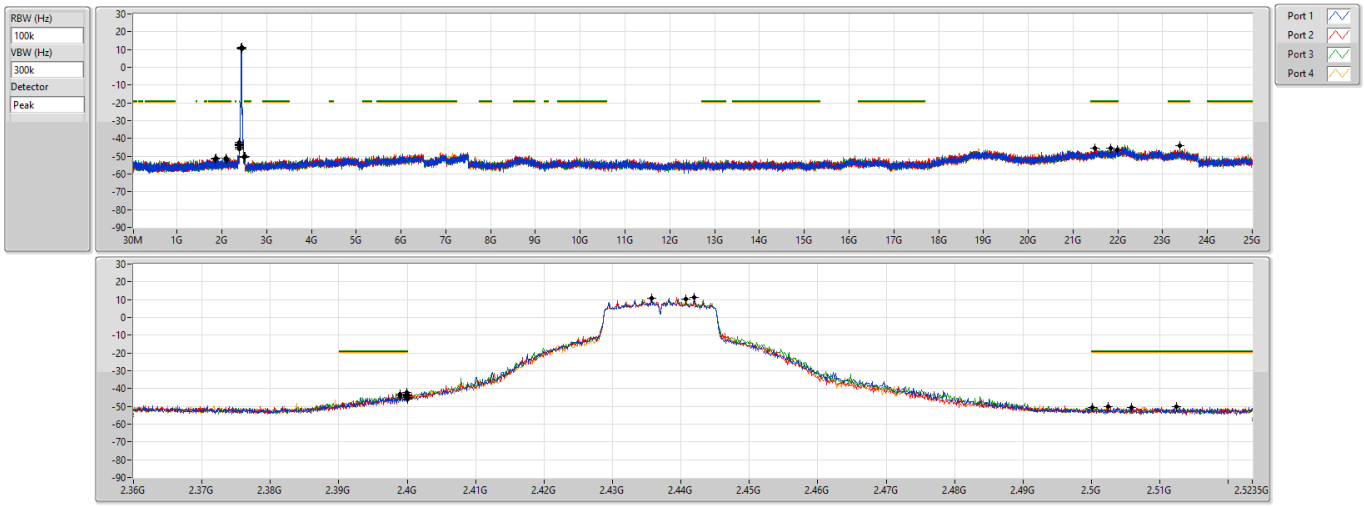
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41319G	8.37	-21.63	2.02681G	-58.11	2.4G	-27.07	2.4G	-30.39	2.50894G	-56.79	21.59481G	-51.72	1
2.41319G	7.84	-22.16	2.18991G	-58.86	2.39712G	-30.18	2.4G	-30.26	2.50118G	-56.06	21.84205G	-51.65	2
2.41436G	7.15	-22.85	2.07691G	-58.75	2.39672G	-32.12	2.4G	-30.79	2.52342G	-55.30	21.50209G	-51.18	3
2.41069G	8.03	-21.97	2.127G	-57.94	2.39888G	-29.78	2.4G	-30.63	2.5207G	-55.16	21.65943G	-52.17	4

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX **CSENdB**

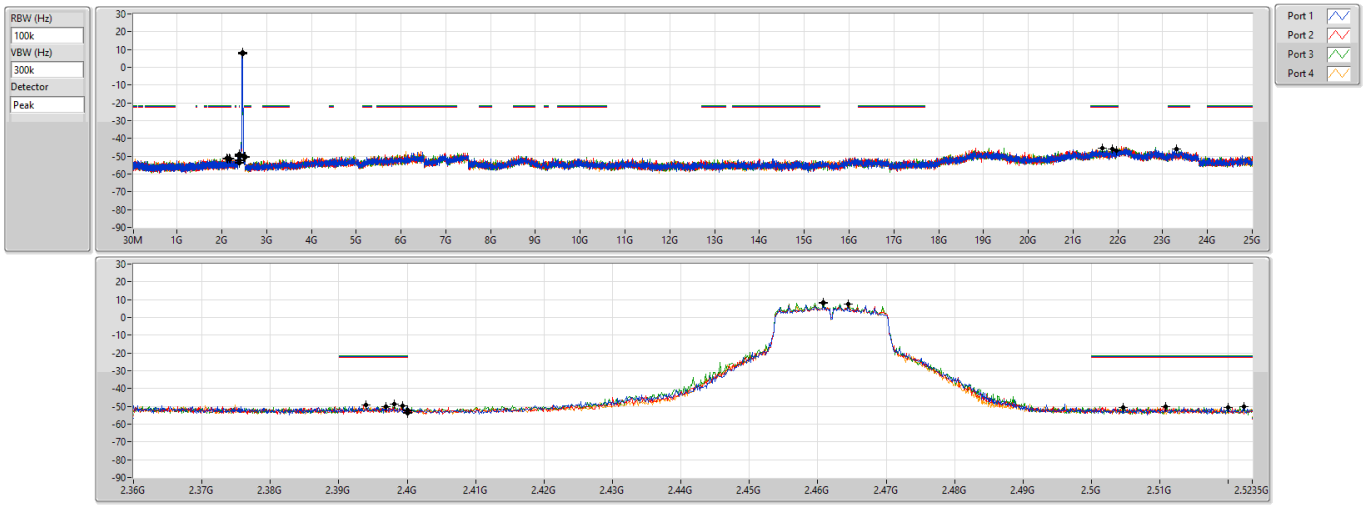
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43574G	10.85	-19.15	2.09089G	-50.92	2.39896G	-44.05	2.4G	-45.19	2.50238G	-50.11	21.99658G	-46.42	1
2.43574G	10.93	-19.07	1.87303G	-51.21	2.39896G	-43.24	2.4G	-44.29	2.51246G	-50.25	21.48805G	-45.42	2
2.44192G	11.23	-18.77	2.12001G	-51.80	2.39992G	-42.40	2.4G	-43.50	2.5059G	-50.49	23.39012G	-44.09	3
2.44075G	10.22	-19.78	1.84973G	-51.37	2.39976G	-44.00	2.4G	-46.07	2.50014G	-50.44	21.83924G	-45.33	4

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_4TX **CSENdB**

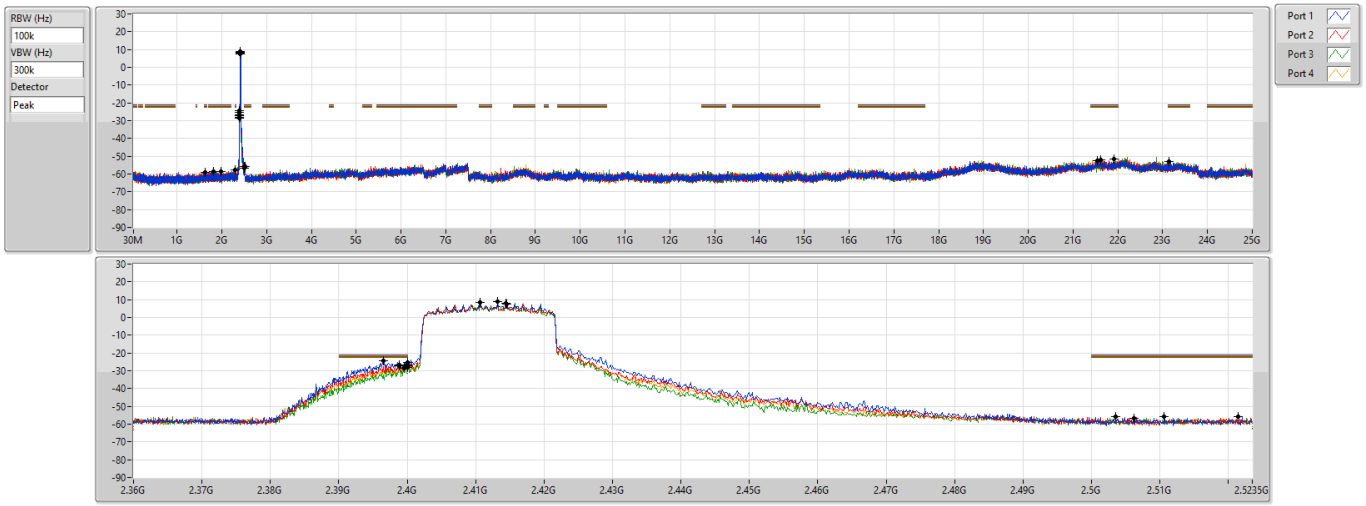
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.46079G	7.82	-22.18	2.18292G	-51.44	2.39688G	-50.13	2.4G	-53.51	2.51998G	-50.55	21.66224G	-45.51	1
2.46446G	7.70	-22.30	2.17244G	-51.01	2.39808G	-48.80	2.4G	-52.60	2.51078G	-50.38	21.97691G	-46.76	2
2.46079G	8.28	-21.72	2.13516G	-51.47	2.394G	-49.30	2.4G	-52.13	2.5223G	-50.21	21.87577G	-45.84	3
2.46079G	8.23	-21.77	2.12118G	-51.27	2.39936G	-49.88	2.4G	-53.83	2.50462G	-50.47	23.30302G	-46.14	4

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_4TX **CSENdB**

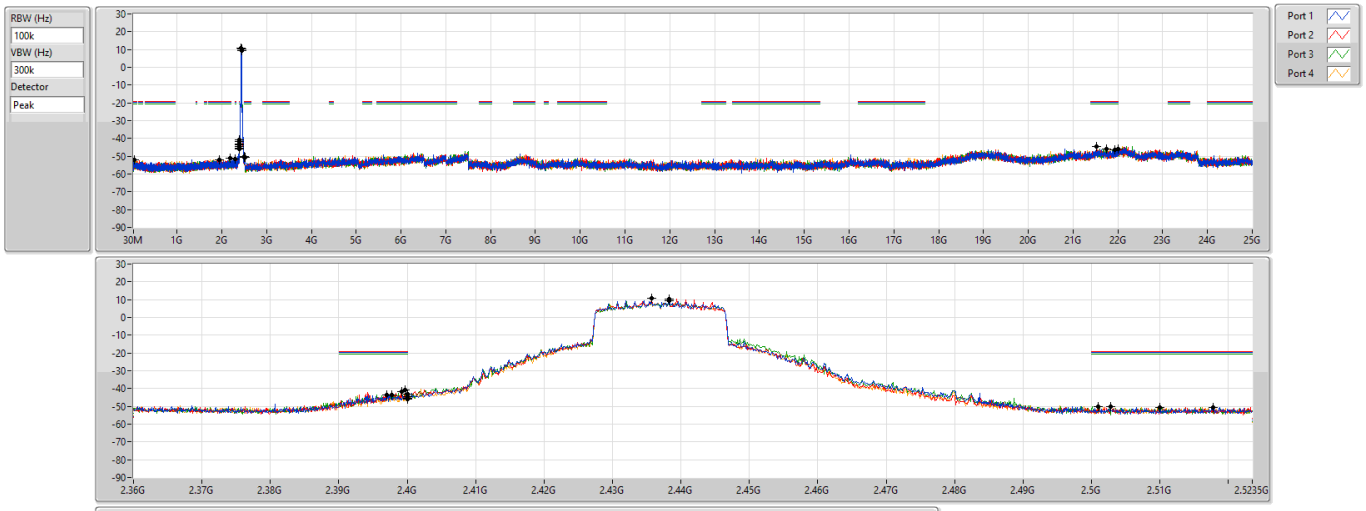
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41319G	8.92	-21.08	1.81245G	-58.48	2.39648G	-24.44	2.4G	-25.14	2.51062G	-55.87	21.54424G	-52.43	1
2.41436G	7.91	-22.09	1.97905G	-58.57	2.3988G	-26.87	2.4G	-27.15	2.50358G	-56.01	21.90948G	-51.79	2
2.41453G	7.67	-22.33	1.6377G	-58.97	2.39952G	-28.60	2.4G	-28.23	2.52142G	-55.71	23.13445G	-53.05	3
2.41069G	8.39	-21.61	2.30292G	-57.64	2.3988G	-27.28	2.4G	-26.79	2.50622G	-56.60	21.60886G	-51.86	4

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_4TX **CSENdB**

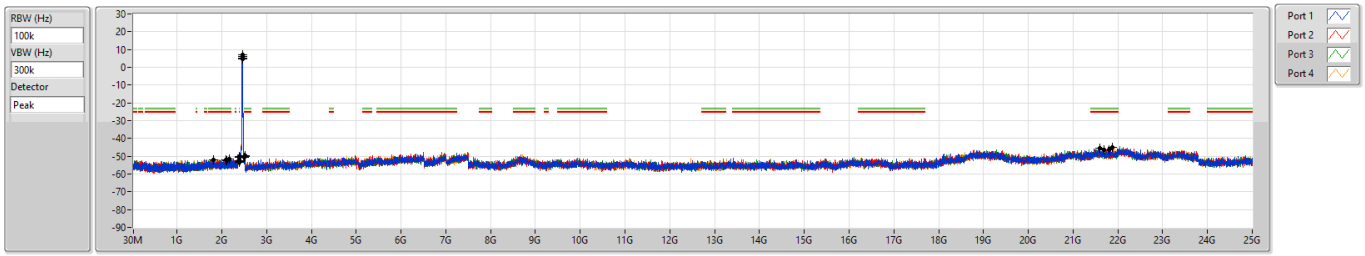
2437MHz

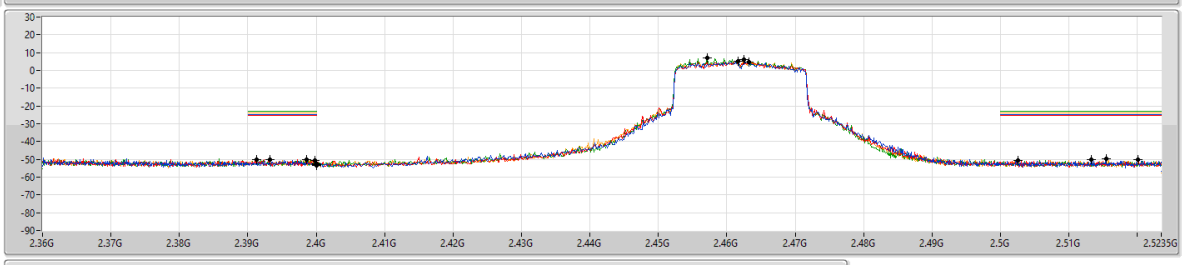


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43824G	10.09	-19.91	1.93827G	-52.21	2.39696G	-43.45	2.4G	-45.33	2.50278G	-50.27	22.00501G	-46.10	1
2.43574G	10.67	-19.33	39.32M	-52.13	2.39968G	-40.96	2.4G	-44.35	2.51782G	-50.43	21.93196G	-46.18	2
2.43824G	9.60	-20.40	2.18875G	-50.96	2.3992G	-41.65	2.4G	-43.10	2.50094G	-50.12	21.52176G	-44.59	3
2.43824G	9.25	-20.75	2.30758G	-51.57	2.39768G	-43.63	2.4G	-46.05	2.50998G	-50.57	21.74653G	-45.84	4

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_4TX **CSENdB**

2462MHz

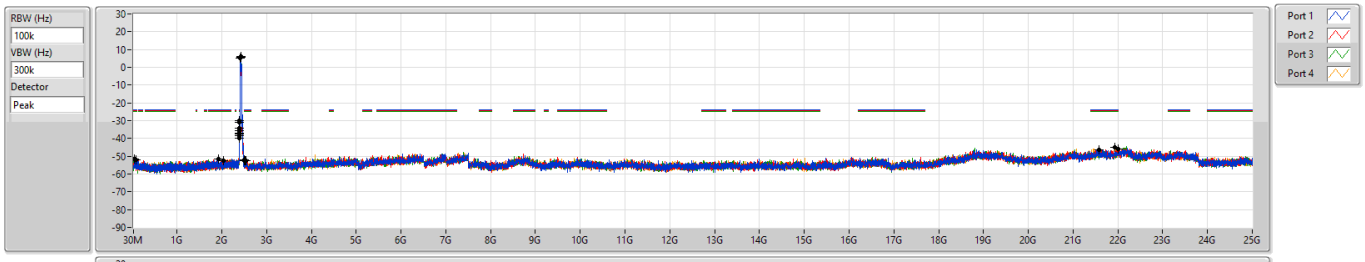


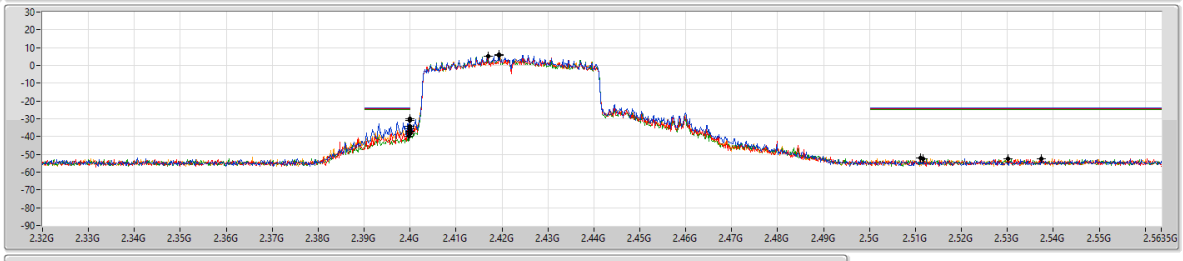


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.46162G	5.09	-24.91	2.11652G	-52.59	2.39984G	-50.46	2.4G	-53.40	2.51542G	-49.87	21.60324G	-45.25	1
2.46329G	4.79	-25.21	2.16079G	-51.74	2.39856G	-49.93	2.4G	-52.84	2.51326G	-50.17	21.69595G	-46.32	2
2.45711G	6.80	-23.20	1.81711G	-52.00	2.39128G	-50.19	2.4G	-52.76	2.50262G	-50.69	21.81115G	-46.18	3
2.46246G	5.86	-24.14	2.09438G	-51.93	2.3932G	-50.17	2.4G	-52.68	2.52014G	-50.08	21.88139G	-44.91	4

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_4TX **CSENdB**

2422MHz

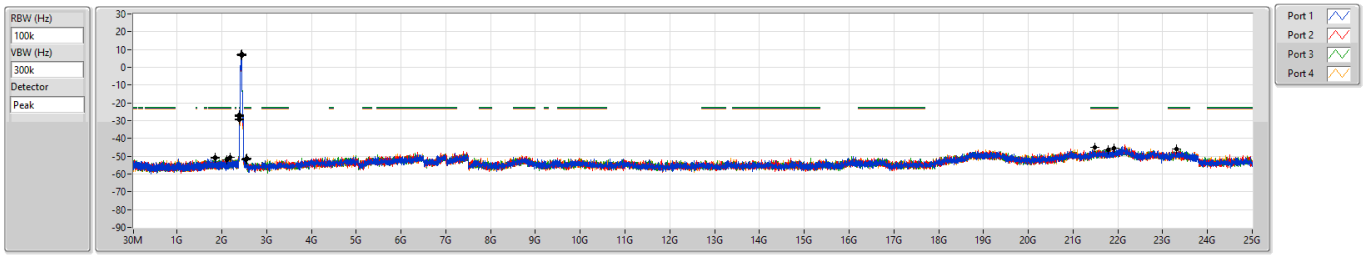


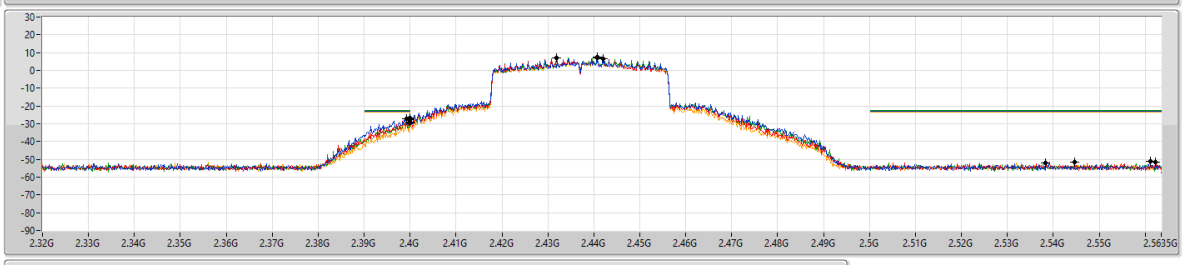


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41937G	6.22	-23.78	2.04291G	-52.29	2.4G	-30.21	2.4G	-31.13	2.53742G	-52.43	21.58404G	-46.55	1
2.41937G	5.82	-24.18	49.47M	-51.76	2.4G	-34.19	2.4G	-37.28	2.53006G	-52.39	21.99912G	-46.07	2
2.41703G	5.23	-24.77	94.12M	-52.17	2.39984G	-39.91	2.4G	-38.22	2.51102G	-52.00	22.00473G	-45.92	3
2.41937G	6.06	-23.94	1.93185G	-51.44	2.4G	-35.45	2.4G	-36.88	2.51166G	-52.52	21.93461G	-45.16	4

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_4TX **CSENdB**

2437MHz

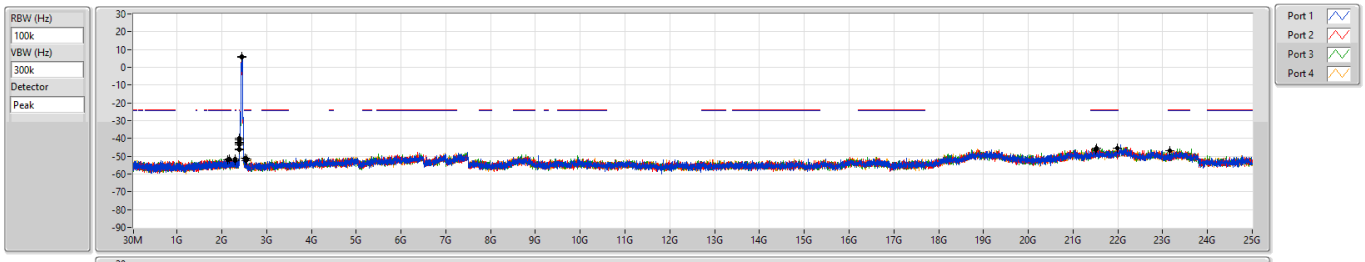


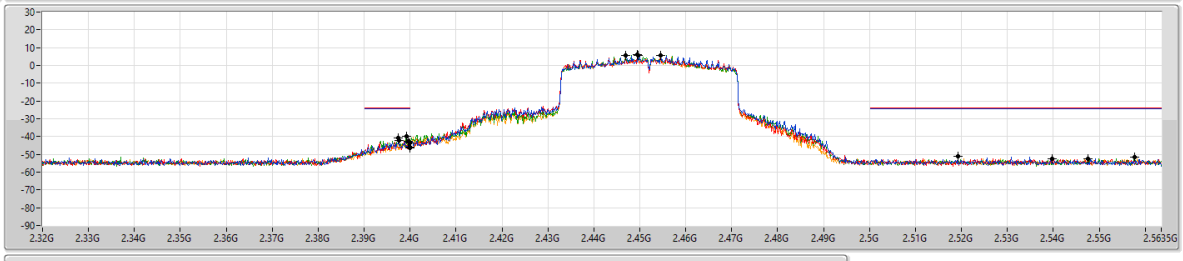


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.44075G	7.00	-23.00	2.1139G	-52.24	2.4G	-27.48	2.4G	-27.43	2.53822G	-52.06	21.92059G	-45.50	1
2.4319G	7.12	-22.88	2.19062G	-50.71	2.4G	-26.96	2.4G	-27.67	2.56222G	-51.42	23.30044G	-46.07	2
2.44075G	7.62	-22.38	1.85971G	-50.43	2.3992G	-27.39	2.4G	-26.91	2.5611G	-51.02	21.79158G	-46.27	3
2.44208G	6.53	-23.47	1.85628G	-50.99	2.4G	-28.99	2.4G	-29.55	2.54462G	-51.76	21.4943G	-45.21	4

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_4TX **CSENdB**

2452MHz



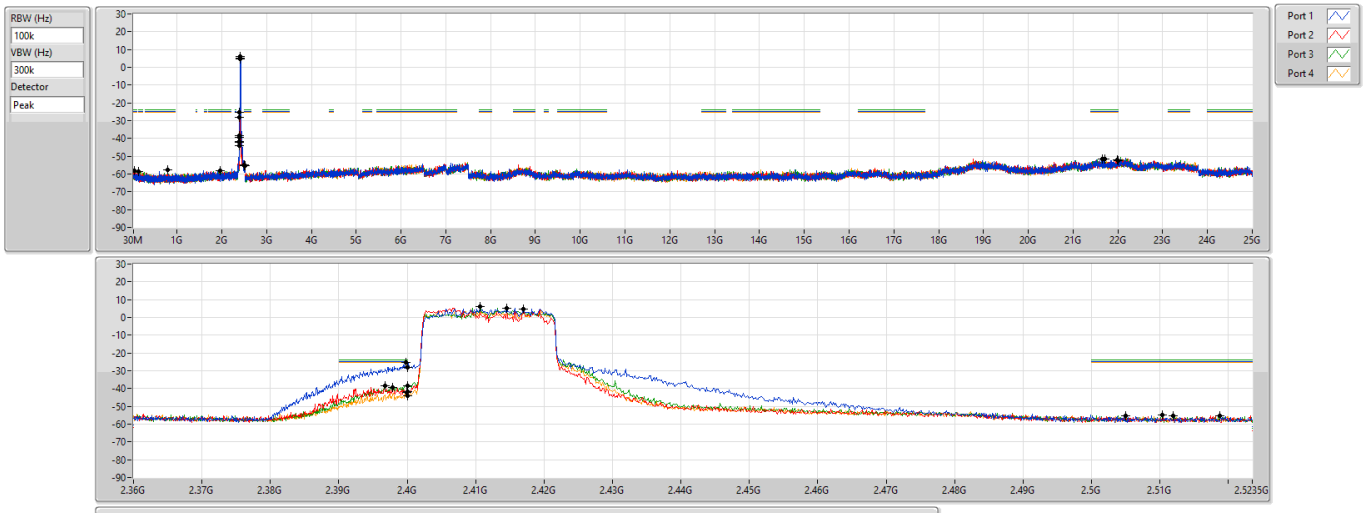


Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.4496G	5.54	-24.46	2.12421G	-51.97	2.3976G	-42.29	2.4G	-46.03	2.51918G	-51.25	23.16301G	-46.83	1
2.44943G	5.91	-24.09	2.30397G	-52.30	2.39952G	-42.88	2.4G	-46.49	2.53966G	-52.48	21.51393G	-45.67	2
2.45461G	5.79	-24.21	2.16085G	-51.44	2.39744G	-40.91	2.4G	-43.36	2.55774G	-51.68	21.99351G	-45.27	3
2.44693G	5.57	-24.43	2.30397G	-51.56	2.3992G	-39.94	2.4G	-46.48	2.5475G	-52.45	21.4971G	-46.23	4

Beamforming mode

2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX CSENdB

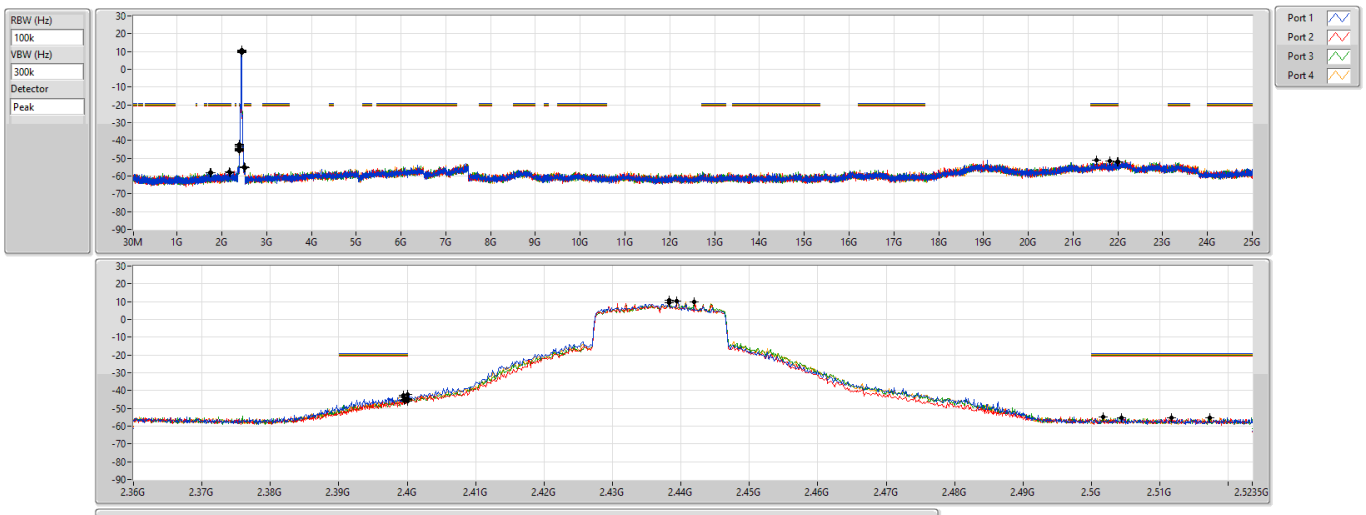
2412MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41453G	5.12	-24.88	1.96041G	-58.26	2.39984G	-25.41	2.4G	-28.33	2.51198G	-55.27	21.98534G	-51.98	1
2.41453G	5.26	-24.74	148.83M	-58.39	2.39784G	-39.26	2.4G	-41.59	2.51038G	-55.01	21.71G	-51.42	2
2.41069G	5.91	-24.09	791.91M	-57.88	2.39672G	-38.28	2.4G	-38.30	2.51878G	-55.14	21.66224G	-51.56	3
2.41703G	4.71	-25.29	52.14M	-58.23	2.39992G	-42.01	2.4G	-44.03	2.50502G	-55.20	22.0022G	-52.35	4

2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX CSENdB

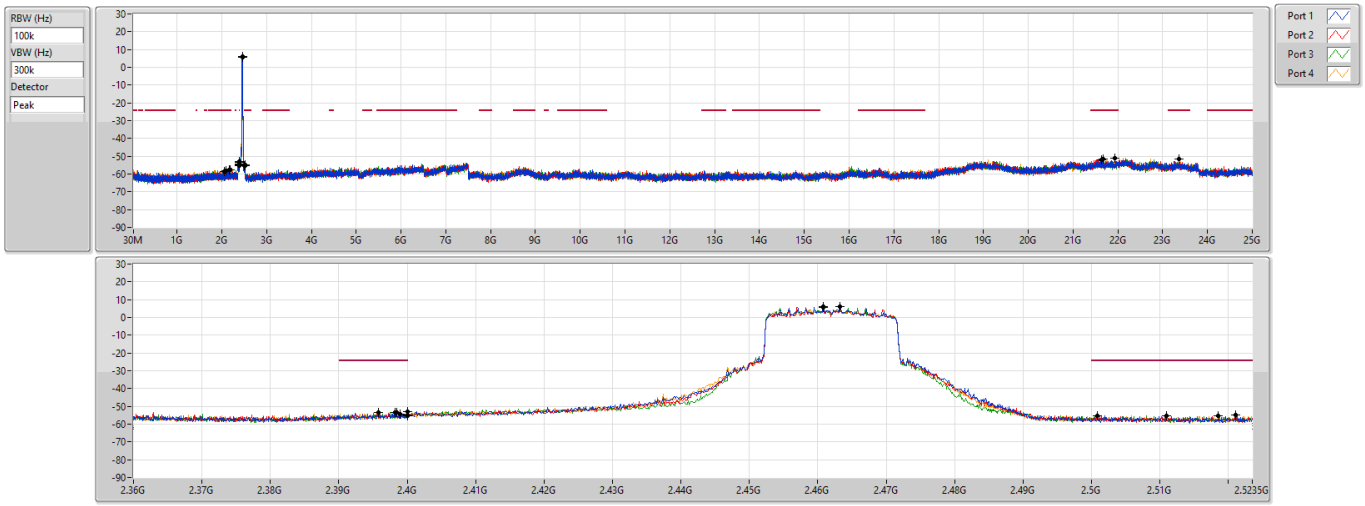
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43824G	10.56	-19.44	1.76469G	-58.13	2.39944G	-42.70	2.4G	-42.28	2.51726G	-55.10	21.828G	-51.74	1
2.43824G	9.24	-20.76	2.19574G	-58.29	2.39952G	-45.48	2.4G	-46.10	2.51174G	-55.39	21.51895G	-51.11	2
2.44192G	9.98	-20.02	1.74255G	-58.34	2.39968G	-44.96	2.4G	-44.95	2.50438G	-55.46	22.00501G	-52.23	3
2.43941G	10.15	-19.85	2.1771G	-57.45	2.39944G	-43.52	2.4G	-44.69	2.50174G	-54.92	21.99658G	-52.10	4

2.4-2.4835GHz_802.11be EHT20-BF_Nss1,(MCS0)_4TX **CSENdB**

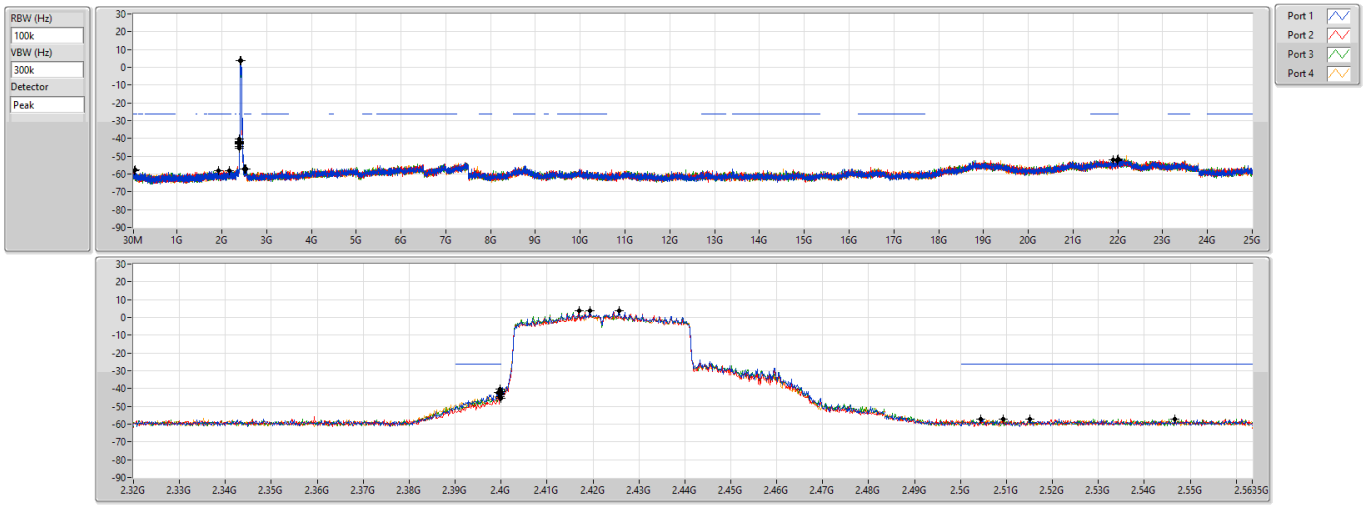
2462MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.46079G	6.29	-23.71	2.05827G	-58.78	2.39584G	-53.62	2.4G	-55.04	2.51102G	-55.35	21.64257G	-51.94	1
2.46079G	5.50	-24.50	2.17826G	-57.60	2.39824G	-53.62	2.4G	-53.16	2.5211G	-54.82	21.67629G	-51.66	2
2.46329G	5.90	-24.10	2.17127G	-57.58	2.39848G	-53.41	2.4G	-55.14	2.50086G	-55.11	23.36764G	-51.68	3
2.46329G	6.24	-23.76	2.09322G	-58.19	2.39896G	-54.21	2.4G	-54.62	2.51854G	-55.10	21.93477G	-51.32	4

2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX **CSENdB**

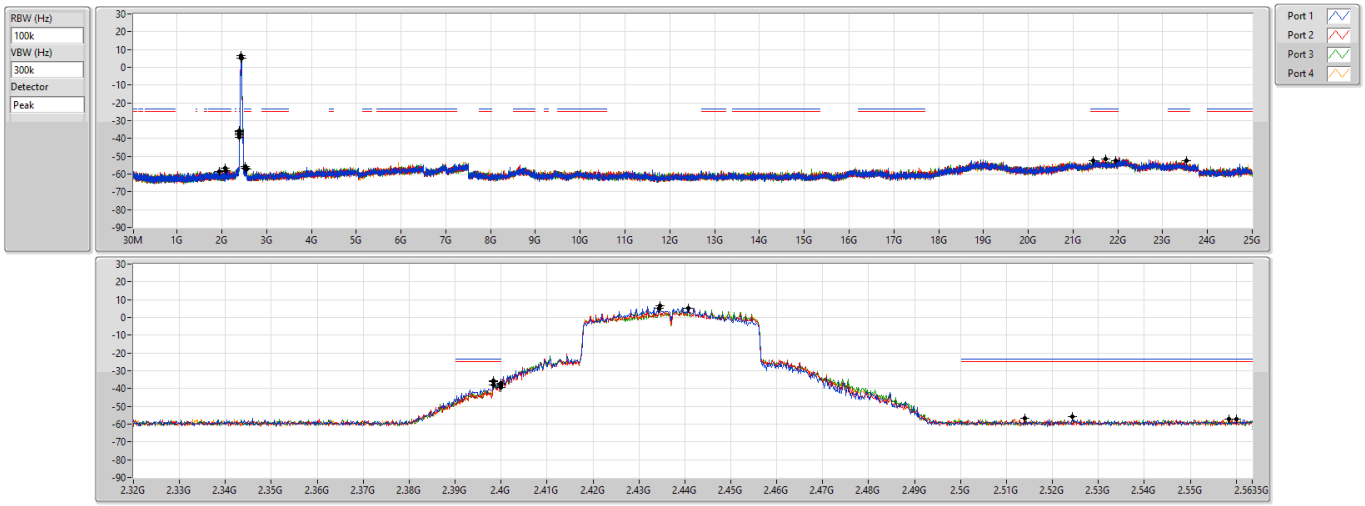
2422MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.42572G	3.56	-26.44	40.31M	-58.11	2.39984G	-40.40	2.4G	-41.64	2.51518G	-57.36	21.9879G	-52.34	1
2.41937G	3.63	-26.37	2.1723G	-58.27	2.39984G	-42.86	2.4G	-45.30	2.50446G	-57.18	21.90096G	-51.90	2
2.41703G	3.67	-26.33	63.21M	-57.81	2.39984G	-44.44	2.4G	-43.27	2.50926G	-57.07	21.9907G	-52.25	3
2.41937G	3.82	-26.18	1.92383G	-57.98	2.39936G	-42.29	2.4G	-41.72	2.5467G	-57.09	22.00192G	-51.55	4

2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX **CSENdB**

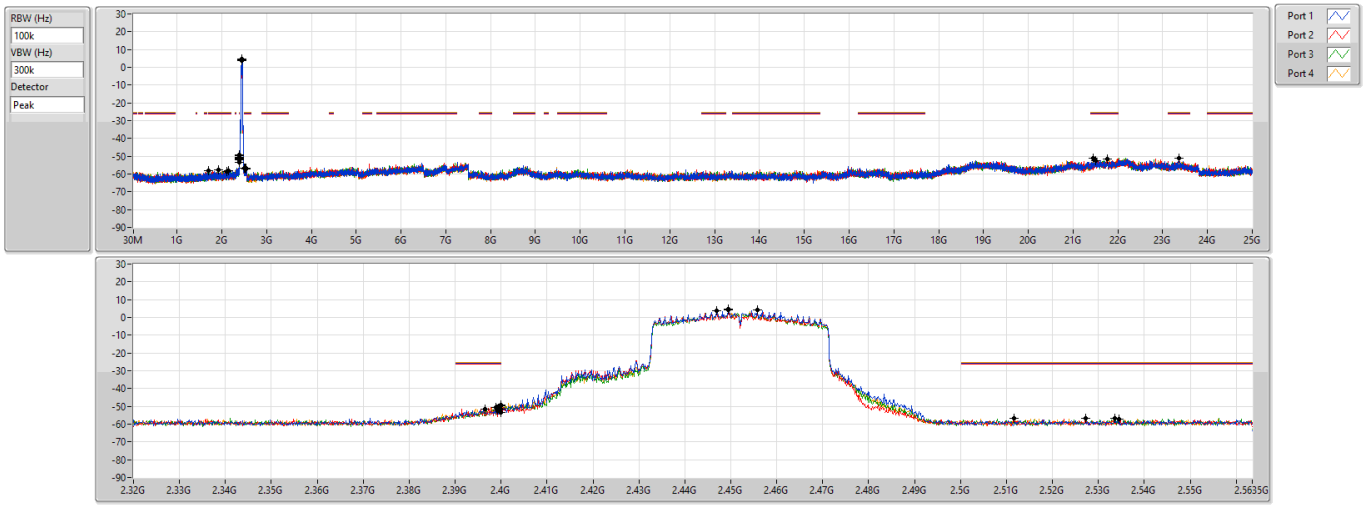
2437MHz



Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43457G	6.34	-23.66	2.07612G	-56.77	2.3984G	-35.54	2.4G	-38.15	2.5243G	-55.73	21.45503G	-52.29	1
2.4344G	5.31	-24.69	2.06696G	-56.53	2.39824G	-38.06	2.4G	-39.28	2.51406G	-56.92	21.71866G	-51.35	2
2.44075G	5.02	-24.98	2.09329G	-58.12	2.39824G	-36.08	2.4G	-37.16	2.55838G	-57.40	23.53041G	-52.51	3
2.44075G	5.32	-24.68	1.93757G	-58.45	2.39824G	-36.08	2.4G	-37.98	2.56014G	-56.96	21.94583G	-52.35	4

2.4-2.4835GHz_802.11be EHT40-BF_Nss1,(MCS0)_4TX **CSENdB**

2452MHz



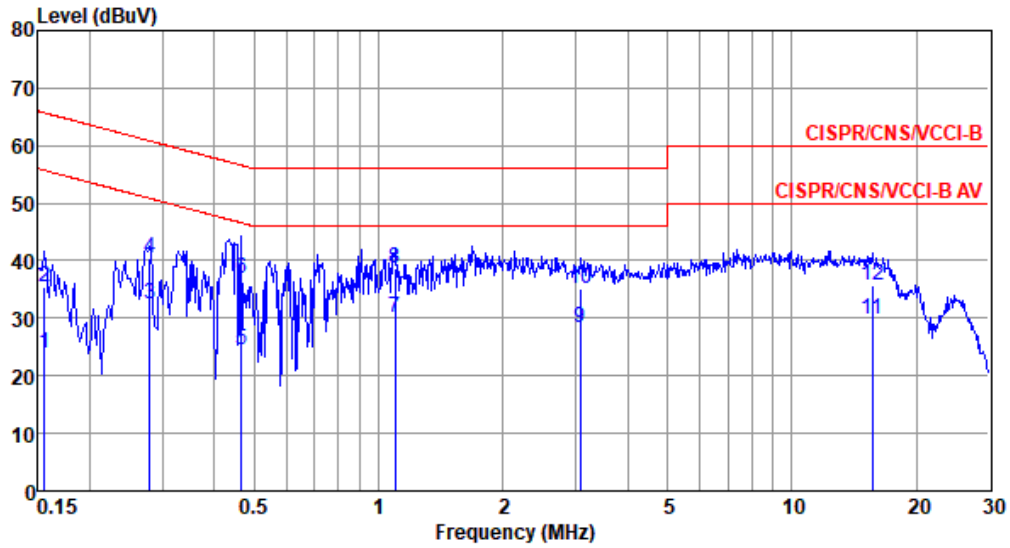
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.45578G	4.14	-25.86	2.14482G	-58.24	2.3992G	-51.96	2.4G	-51.55	2.53454G	-57.36	21.76353G	-51.76	1
2.44693G	3.69	-26.31	1.93414G	-57.88	2.39888G	-50.46	2.4G	-53.25	2.52718G	-56.85	21.44662G	-51.13	2
2.44943G	4.20	-25.80	1.71201G	-58.07	2.39648G	-51.67	2.4G	-49.51	2.53358G	-56.80	21.49991G	-52.37	3
2.44943G	4.53	-25.47	2.11619G	-58.62	2.39936G	-51.03	2.4G	-49.09	2.51166G	-56.95	23.37055G	-51.26	4

Non-beamforming mode

Configuration 1: Model: SDG-8733

Modulation Mode	11b	Test Freq. (MHz)	2437
Power Phase	Line		

Test by : Joe Liao Temperature: 23°C Humidity: 63%

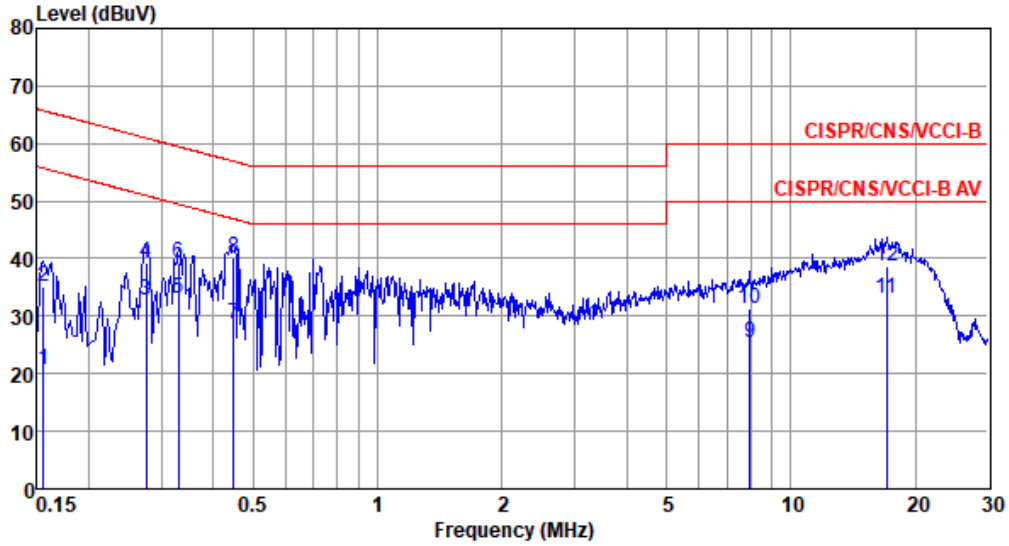


	Freq	Level	Limit Line	Over Limit	Read Level	Factor	Cable loss	Aux	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	dB	
1	0.156	23.86	55.69	-31.83	13.94	9.63	0.08	0.21	Average
2	0.156	35.57	65.69	-30.12	25.65	9.63	0.08	0.21	QP
3	0.279	32.60	50.85	-18.25	22.62	9.62	0.07	0.29	Average
4	0.279	40.48	60.85	-20.37	30.50	9.62	0.07	0.29	QP
5	0.466	24.39	46.58	-22.19	14.35	9.62	0.08	0.34	Average
6	0.466	36.81	56.58	-19.77	26.77	9.62	0.08	0.34	QP
7*	1.094	30.02	46.00	-15.98	19.94	9.63	0.09	0.36	Average
8	1.094	38.72	56.00	-17.28	28.64	9.63	0.09	0.36	QP
9	3.074	28.26	46.00	-17.74	18.07	9.64	0.15	0.40	Average
10	3.074	35.21	56.00	-20.79	25.02	9.64	0.15	0.40	QP
11	15.635	29.94	50.00	-20.06	19.30	9.68	0.45	0.51	Average
12	15.635	35.72	60.00	-24.28	25.08	9.68	0.45	0.51	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).
2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).

Modulation Mode	11b	**Test Freq. (MHz)**	2437
Power Phase	Neutral		

Test by : Joe Liao Temperature: 23°C Humidity: 63%



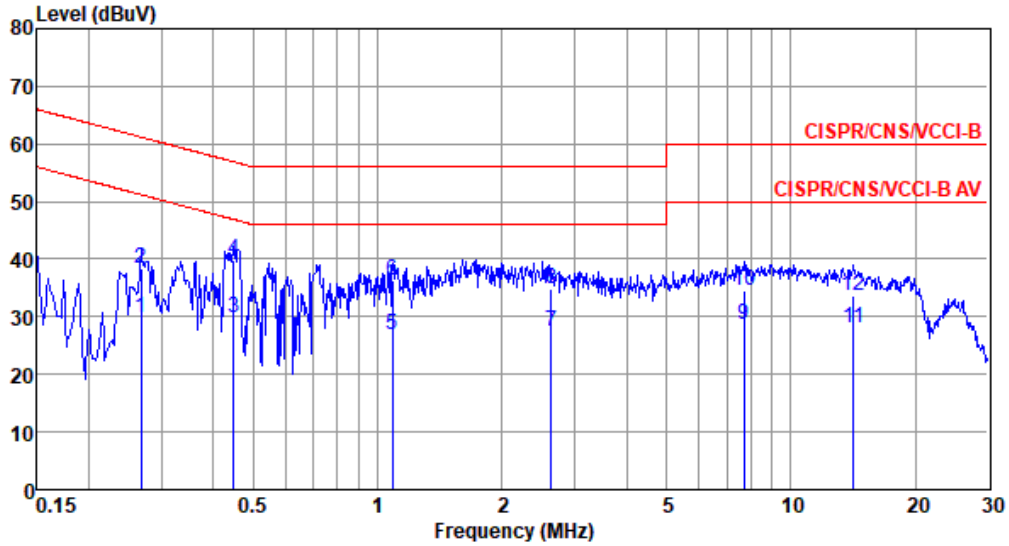
	Freq	Level	Limit Line	Over Limit	Read Level	Factor	Cable loss	Aux	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	dB	
1	0.156	20.75	55.69	-34.94	10.91	9.63	0.08	0.13	Average
2	0.156	35.00	65.69	-30.69	25.16	9.63	0.08	0.13	QP
3	0.276	32.83	50.94	-18.11	22.92	9.63	0.07	0.21	Average
4	0.276	39.29	60.94	-21.65	29.38	9.63	0.07	0.21	QP
5*	0.330	33.08	49.44	-16.36	23.16	9.62	0.07	0.23	Average
6	0.330	39.41	59.44	-20.03	29.49	9.62	0.07	0.23	QP
7	0.449	28.59	46.89	-18.30	18.63	9.62	0.08	0.26	Average
8	0.449	40.20	56.89	-16.69	30.24	9.62	0.08	0.26	QP
9	7.977	25.44	50.00	-24.56	15.01	9.70	0.31	0.42	Average
10	7.977	31.34	60.00	-28.66	20.91	9.70	0.31	0.42	QP
11	17.018	32.95	50.00	-17.05	22.17	9.78	0.47	0.53	Average
12	17.018	38.71	60.00	-21.29	27.93	9.78	0.47	0.53	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).
2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).

Configuration 2: Model: SDG-8734

Modulation Mode	11b	Test Freq. (MHz)	2437
Power Phase	Line		

Test by : Joe Liao Temperature: 23°C Humidity: 63%

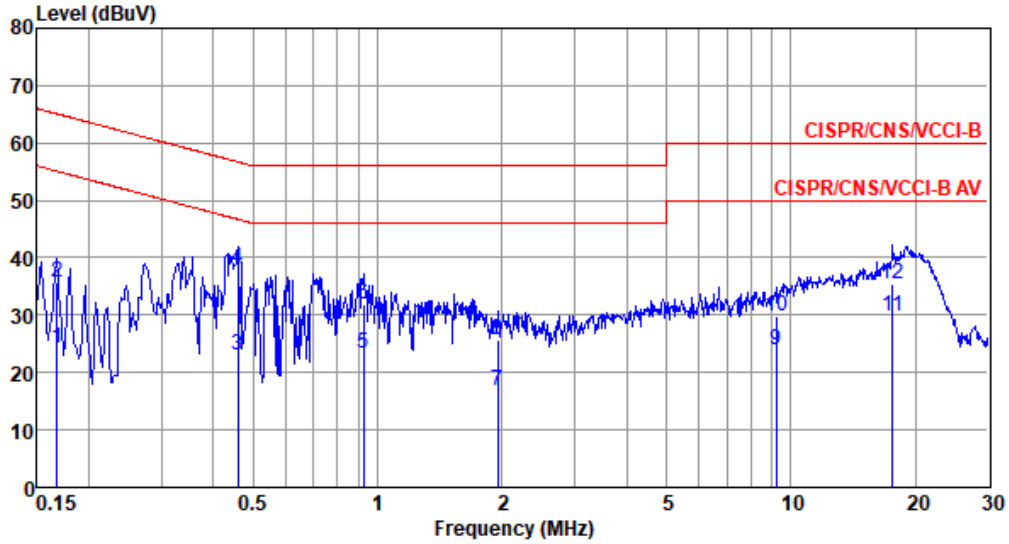


	Freq	Level	Limit Line	Over Limit	Read Level	Factor	Cable loss	Aux	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	dB	
1	0.267	29.78	51.20	-21.42	19.81	9.62	0.07	0.28	Average
2	0.267	38.44	61.20	-22.76	28.47	9.62	0.07	0.28	QP
3*	0.449	29.96	46.89	-16.93	19.93	9.62	0.08	0.33	Average
4	0.449	39.72	56.89	-17.17	29.69	9.62	0.08	0.33	QP
5	1.088	26.96	46.00	-19.04	16.88	9.63	0.09	0.36	Average
6	1.088	36.38	56.00	-19.62	26.30	9.63	0.09	0.36	QP
7	2.636	27.53	46.00	-18.47	17.36	9.64	0.14	0.39	Average
8	2.636	34.83	56.00	-21.17	24.66	9.64	0.14	0.39	QP
9	7.687	28.65	50.00	-21.35	18.23	9.68	0.30	0.44	Average
10	7.687	34.43	60.00	-25.57	24.01	9.68	0.30	0.44	QP
11	14.213	28.13	50.00	-21.87	17.54	9.68	0.43	0.48	Average
12	14.213	33.66	60.00	-26.34	23.07	9.68	0.43	0.48	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).
2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).

Modulation Mode	11b	Test Freq. (MHz)	2437
Power Phase	Neutral		

Test by : Joe Liao Temperature: 23°C Humidity: 63%



	Freq	Level	Limit Line	Over Limit	Read Level	Factor	Cable loss	Aux	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	dB	
1	0.168	24.10	55.08	-30.98	14.26	9.63	0.07	0.14	Average
2	0.168	35.79	65.08	-29.29	25.95	9.63	0.07	0.14	QP
3	0.459	23.04	46.71	-23.67	13.08	9.62	0.08	0.26	Average
4*	0.459	37.98	56.71	-18.73	28.02	9.62	0.08	0.26	QP
5	0.923	23.22	46.00	-22.78	13.20	9.63	0.09	0.30	Average
6	0.923	31.81	56.00	-24.19	21.79	9.63	0.09	0.30	QP
7	1.949	16.86	46.00	-29.14	6.77	9.64	0.11	0.34	Average
8	1.949	25.57	56.00	-30.43	15.48	9.64	0.11	0.34	QP
9	9.204	24.00	50.00	-26.00	13.55	9.70	0.33	0.42	Average
10	9.204	29.95	60.00	-30.05	19.50	9.70	0.33	0.42	QP
11	17.661	29.80	50.00	-20.20	18.99	9.78	0.48	0.55	Average
12	17.661	35.45	60.00	-24.55	24.64	9.78	0.48	0.55	QP

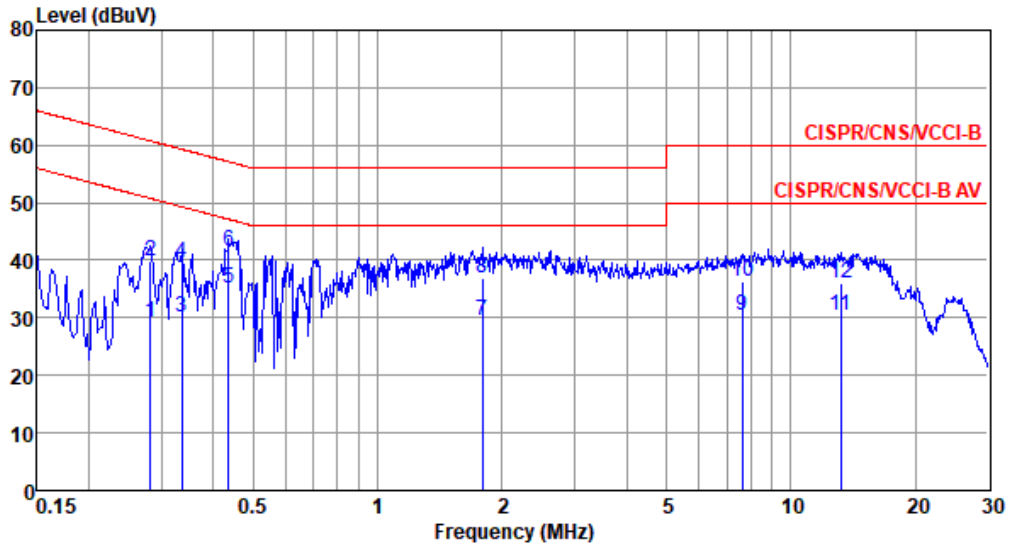
Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).
2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).

Beamforming mode

Configuration 1: Model: SDG-8733

Modulation Mode	be EHT20	Test Freq. (MHz)	2437
Power Phase	Line		

Test by : Joe Liao Temperature: 23°C Humidity: 63%

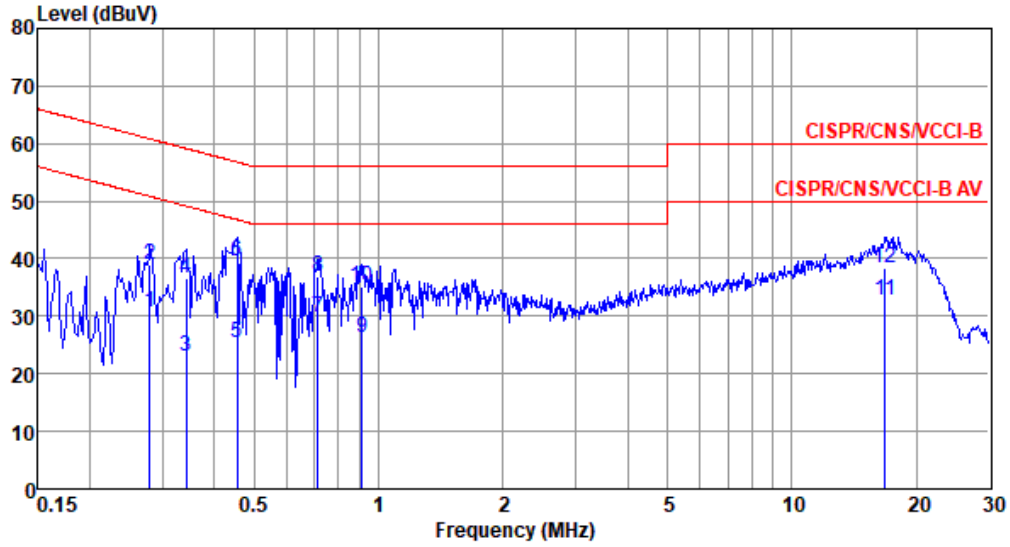


	Freq	Level	Limit Line	Over Limit	Read Level	Factor	Cable loss	Aux	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	dB	
1	0.282	29.25	50.76	-21.51	19.27	9.62	0.07	0.29	Average
2	0.282	39.90	60.76	-20.86	29.92	9.62	0.07	0.29	QP
3	0.336	30.08	49.31	-19.23	20.08	9.62	0.07	0.31	Average
4	0.336	39.58	59.31	-19.73	29.58	9.62	0.07	0.31	QP
5*	0.435	35.09	47.15	-12.06	25.06	9.62	0.08	0.33	Average
6	0.435	41.60	57.15	-15.55	31.57	9.62	0.08	0.33	QP
7	1.790	29.45	46.00	-16.55	19.33	9.63	0.11	0.38	Average
8	1.790	36.92	56.00	-19.08	26.80	9.63	0.11	0.38	QP
9	7.646	30.47	50.00	-19.53	20.05	9.68	0.30	0.44	Average
10	7.646	36.36	60.00	-23.64	25.94	9.68	0.30	0.44	QP
11	13.197	30.47	50.00	-19.53	19.89	9.69	0.41	0.48	Average
12	13.197	35.95	60.00	-24.05	25.37	9.69	0.41	0.48	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).
2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).

Modulation Mode	be EHT20	**Test Freq. (MHz)**	2437
Power Phase	Neutral		

Test by : Joe Liao Temperature: 23°C Humidity: 63%



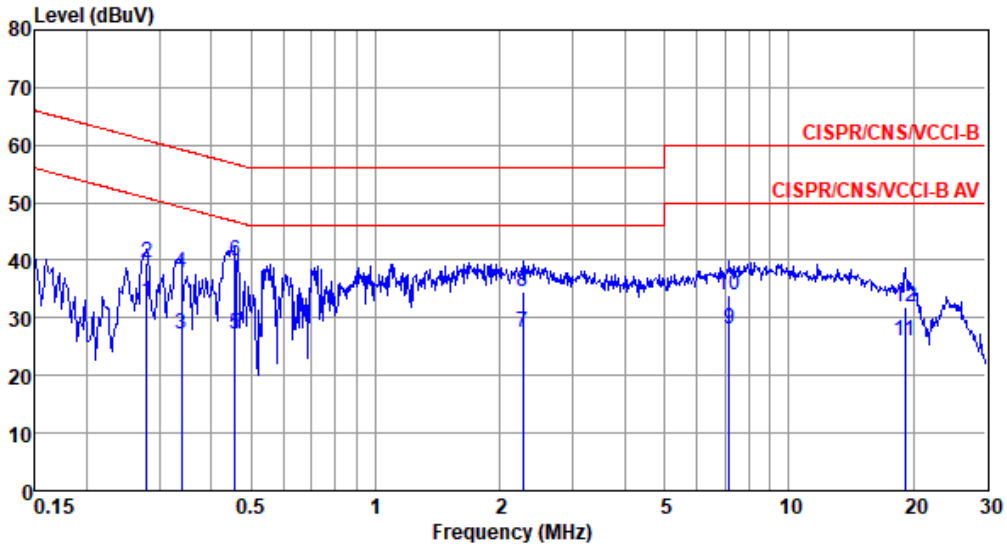
	Freq	Level	Limit Line	Over Limit	Read Level	Factor	Cable loss	Aux	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	dB	
1	0.279	30.75	50.85	-20.10	20.84	9.63	0.07	0.21	Average
2	0.279	38.90	60.85	-21.95	28.99	9.63	0.07	0.21	QP
3	0.343	22.89	49.13	-26.24	12.96	9.62	0.08	0.23	Average
4	0.343	36.63	59.13	-22.50	26.70	9.62	0.08	0.23	QP
5	0.454	25.43	46.80	-21.37	15.47	9.62	0.08	0.26	Average
6	0.454	39.61	56.80	-17.19	29.65	9.62	0.08	0.26	QP
7*	0.712	29.84	46.00	-16.16	19.84	9.63	0.09	0.28	Average
8	0.712	36.92	56.00	-19.08	26.92	9.63	0.09	0.28	QP
9	0.914	26.15	46.00	-19.85	16.13	9.63	0.09	0.30	Average
10	0.914	35.20	56.00	-20.80	25.18	9.63	0.09	0.30	QP
11	16.839	32.77	50.00	-17.23	21.99	9.78	0.47	0.53	Average
12	16.839	38.41	60.00	-21.59	27.63	9.78	0.47	0.53	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).
2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).

Configuration 2: Model: SDG-8734

Modulation Mode	be EHT20	**Test Freq. (MHz)**	2437
Power Phase	Line		

Test by : Joe Liao Temperature: 23°C Humidity: 63%

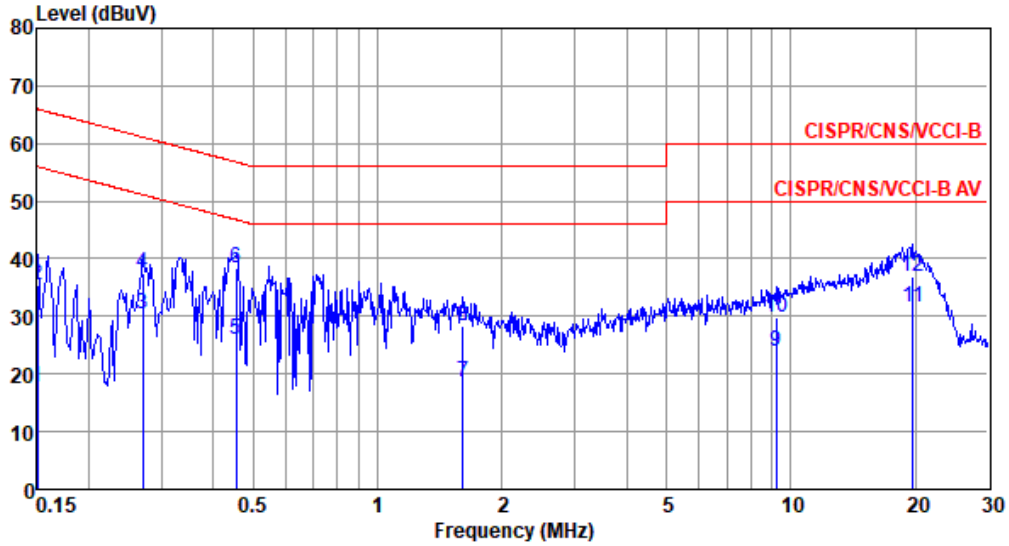


	Freq	Level	Limit Line	Over Limit	Read Level	Factor	Cable loss	Aux	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	dB	
1	0.279	32.91	50.85	-17.94	22.93	9.62	0.07	0.29	Average
2	0.279	39.44	60.85	-21.41	29.46	9.62	0.07	0.29	QP
3	0.339	27.30	49.22	-21.92	17.29	9.62	0.08	0.31	Average
4	0.339	37.68	59.22	-21.54	27.67	9.62	0.08	0.31	QP
5	0.456	27.03	46.76	-19.73	17.00	9.62	0.08	0.33	Average
6*	0.456	39.89	56.76	-16.87	29.86	9.62	0.08	0.33	QP
7	2.273	27.59	46.00	-18.41	17.45	9.63	0.12	0.39	Average
8	2.273	34.53	56.00	-21.47	24.39	9.63	0.12	0.39	QP
9	7.175	28.00	50.00	-22.00	17.59	9.68	0.29	0.44	Average
10	7.175	33.84	60.00	-26.16	23.43	9.68	0.29	0.44	QP
11	19.122	26.03	50.00	-23.97	15.27	9.68	0.50	0.58	Average
12	19.122	31.79	60.00	-28.21	21.03	9.68	0.50	0.58	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).
2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).

Modulation Mode	be EHT20	**Test Freq. (MHz)**	2437
Power Phase	Neutral		

Test by : Joe Liao Temperature: 23°C Humidity: 63%



	Freq	Level	Limit Line	Over Limit	Read Level	Factor	Cable loss	Aux	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	dB	dB	
1	0.150	17.69	56.00	-38.31	7.86	9.63	0.08	0.12	Average
2	0.150	35.37	66.00	-30.63	25.54	9.63	0.08	0.12	QP
3	0.270	30.52	51.12	-20.60	20.62	9.63	0.07	0.20	Average
4	0.270	37.52	61.12	-23.60	27.62	9.63	0.07	0.20	QP
5	0.454	26.02	46.80	-20.78	16.06	9.62	0.08	0.26	Average
6*	0.454	38.37	56.80	-18.43	28.41	9.62	0.08	0.26	QP
7	1.610	18.52	46.00	-27.48	8.45	9.64	0.10	0.33	Average
8	1.610	28.31	56.00	-27.69	18.24	9.64	0.10	0.33	QP
9	9.204	23.94	50.00	-26.06	13.49	9.70	0.33	0.42	Average
10	9.204	29.68	60.00	-30.32	19.23	9.70	0.33	0.42	QP
11	19.740	31.44	50.00	-18.56	20.55	9.80	0.51	0.58	Average
12	19.740	36.89	60.00	-23.11	26.00	9.80	0.51	0.58	QP

Note 1: Level (dBuV) = Read Level (dBuV) + LISN Factor (dB) + Cable Loss (dB) + Aux (dB).
2: Over Limit (dB) = Level (dBuV) – Limit Line (dBuV).