

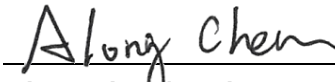
FCC Test Report

FCC ID : I88EE4410-00
Equipment : Tri-Band Wireless BE18000 2.5G Ethernet Gateway
Model No. : EE4410-00
Brand Name : ZYXEL
Applicant : Zyxel Communications Corporation
Address : No.2 Industry East RD. IX, Hsinchu Science Park, Hsinchu 30075, Taiwan
Standard : 47 CFR FCC Part 15.247
Received Date : Jun. 26, 2025
Tested Date : Jul. 05 ~ Aug. 08, 2025

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

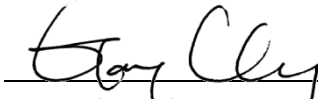

Gary Chang / Manager

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Release Record

Report No.	Version	Description	Issued Date
FR562602AC	Rev. 01	Initial issue	Oct. 21, 2025

Summary of Test Results

FCC Rules	Test Items	Measured	Result
15.207	AC Power Line Conducted Emission	[dBuV]: 0.192MHz 51.30 (Margin -12.63dB) - QP	Pass
15.247(d) 15.209	Unwanted Emissions	[dBuV/m at 3m]: 2.390GHz 53.89 (Margin -0.11dB) - AV	Pass
15.247(b)(3)	Conducted Output Power	Non-beamforming mode Max Power [dBm]: 29.29 Beamforming mode Max Power [dBm]: 25.21	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 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]	2	1-11 Mbps
2400-2483.5	g	2412-2462	1-11 [11]	2	6-54 Mbps
2400-2483.5	n (HT20)	2412-2462	1-11 [11]	2	MCS 0-15
2400-2483.5	n (HT40)	2422-2452	3-9 [7]	2	MCS 0-15
2400-2483.5	ac (VHT20)	2412-2462	1-11 [11]	2	MCS 0-9
2400-2483.5	ac (VHT40)	2422-2452	3-9 [7]	2	MCS 0-9
2400-2483.5	ax (HE20)	2412-2462	1-11 [11]	2	MCS 0-11
2400-2483.5	ax (HE40)	2422-2452	3-9 [7]	2	MCS 0-11
2400-2483.5	be (EHT20)	2412-2462	1-11 [11]	2	MCS 0-13
2400-2483.5	be (EHT40)	2422-2452	3-9 [7]	2	MCS 0-13

Note 1: RF output power specifies that Maximum Conducted (Average) Output Power.
 Note 2: DSSS-DBPSK, DQPSK, CCK modulation
 OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM and 4096QAM modulation.

1.1.2 Antenna Details

Brand	Model	Type	Connector	Operating Frequencies (MHz) / Antenna Gain (dBi)				
				2400~2483.5	5150~5250	5250~5350	5470~5725	5725~5850
HONGBO	290-11232	Dipole	lpex	3.6	--	--	--	--
HONGBO	290-11233	Dipole	lpex	3.0	--	--	--	--
HONGBO	290-11234	Dipole	lpex	--	3.99	3.39	3.9	3.24
HONGBO	290-11235	Dipole	lpex	--	4.89	4.71	4.62	4.55
HONGBO	290-11236	Dipole	lpex	--	4.51	4.93	4.62	4.23
HONGBO	290-11237	Dipole	lpex	--	4.39	4.6	3.97	4.4

1.1.3 Configuration of Equipment under Test (EUT)

Power Supply Type	12Vdc from adapter	
Beamforming	☒ Support	☐ Not support
RU Configuration	☒ Full RU	☐ Partial RU

1.1.4 Accessories

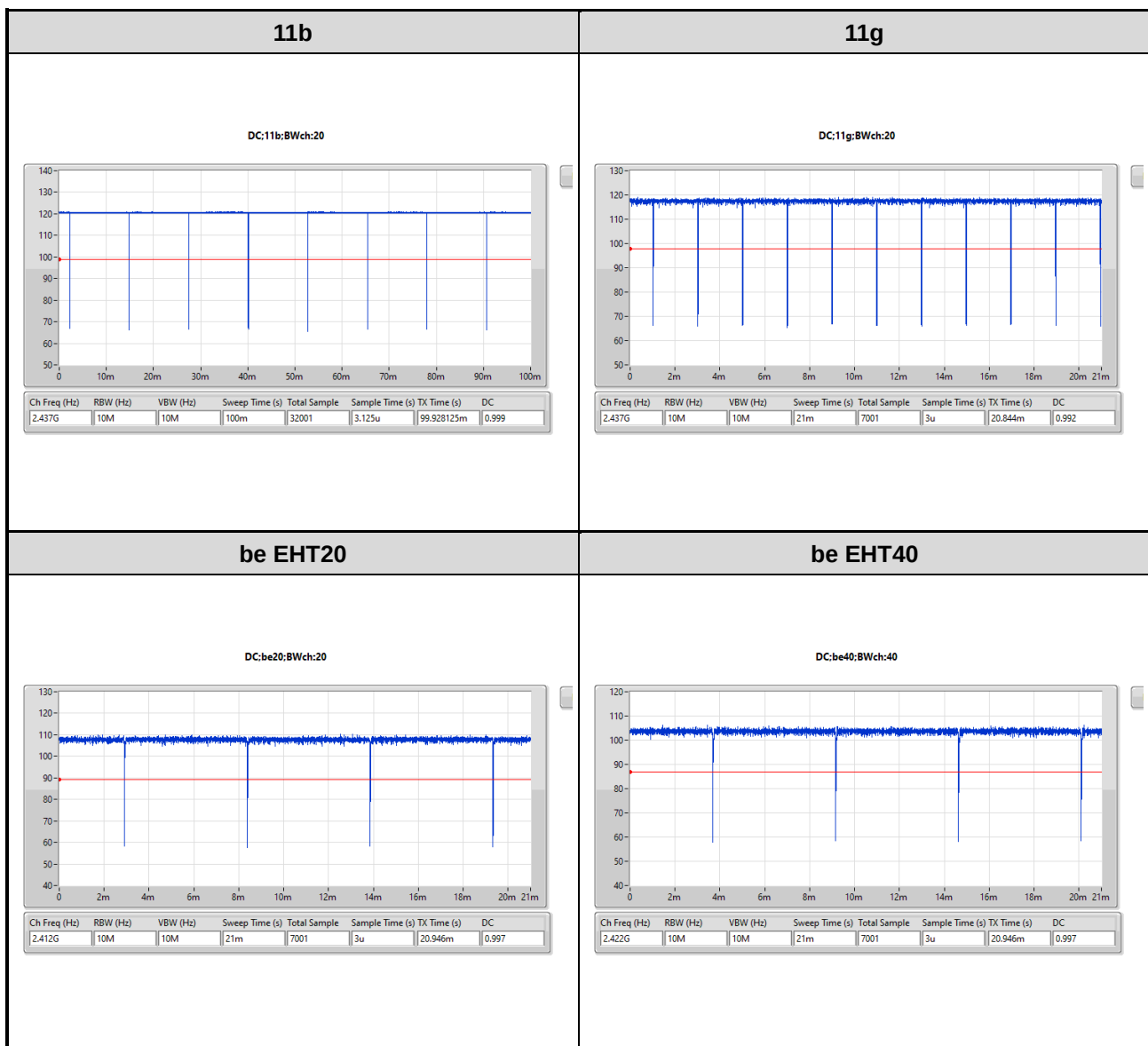
Accessories		
No.	Equipment	Description
1	AC adapter	Brand: MOSO Model: V30-V3000R120-036T0-US I/P: 100-240Vac, 50/60Hz, 1.0A max O/P: 12Vdc, 3.0A Power Line: 1.5m non-shielded without core
2	RJ45	1m non-shielded without core

1.1.5 Channel List

Frequency band (MHz)		2400~2483.5	
802.11 b / g / n HT20 / ac VHT20 / ax HE20 / be EHT20		802.11n HT40 / ac VHT40 / 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	---	---

1.1.6 Test Tool and Duty Cycle

Test Tool	Putty, v0.78		
Duty Cycle and Duty Factor	Mode	Duty Cycle (%)	Duty Factor (dB)
	11b	99.93%	0.00
	11g	99.26%	0.03
	be EHT20	99.74%	0.01
	be EHT40	99.74%	0.01



1.1.7 Power Index of Test Tool

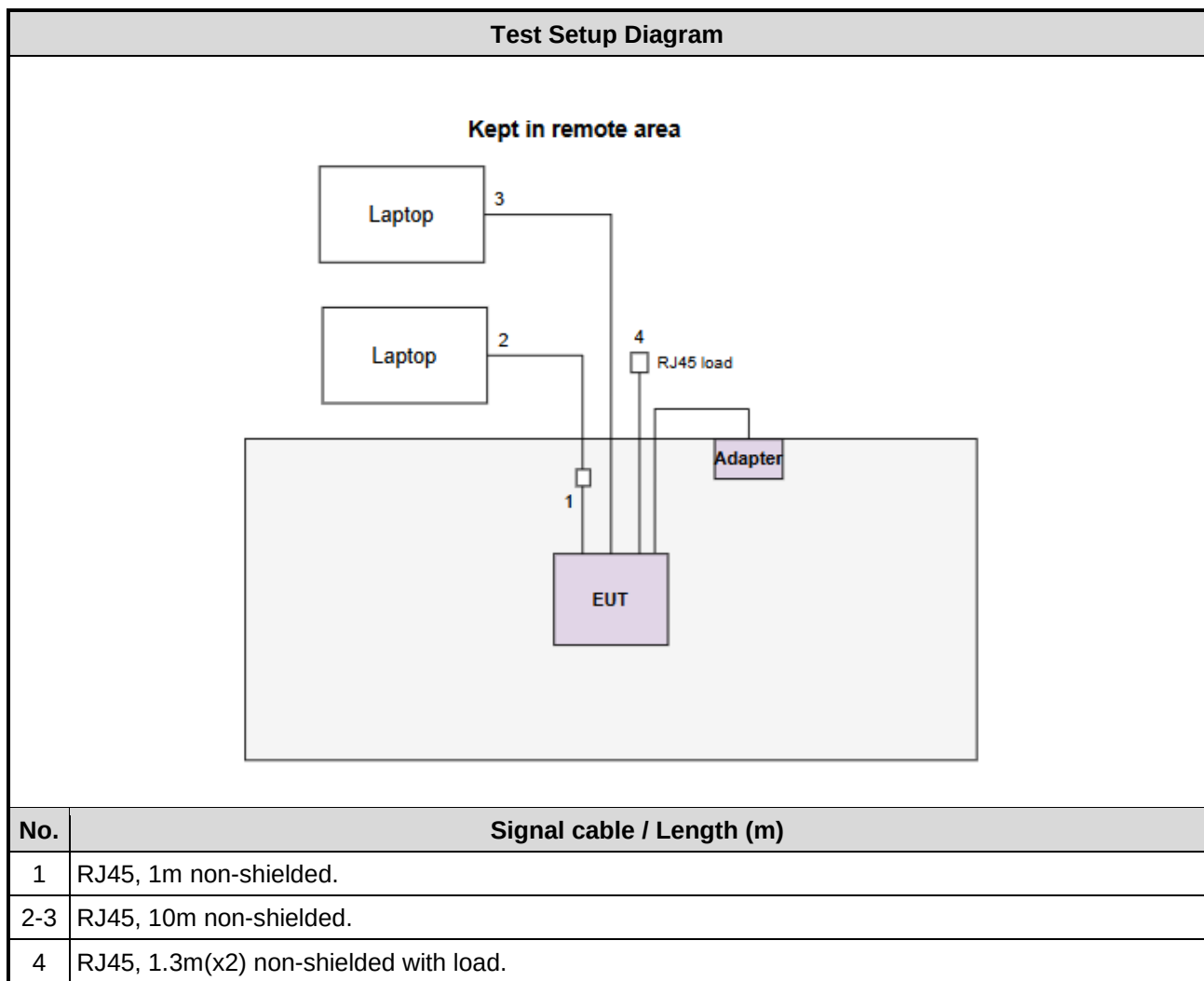
Modulation Mode	Test Frequency (MHz)	Power Index
11b	2412	19.5
11b	2417	22.5
11b	2422	23
11b	2427	25.5
11b	2432	25.5
11b	2437	26.5
11b	2447	26.5
11b	2452	25
11b	2457	23.5
11b	2462	22.5
11g	2412	16.5
11g	2417	19.5
11g	2422	22.5
11g	2427	24.5
11g	2432	25
11g	2437	26
11g	2442	26
11g	2447	24.5
11g	2452	22
11g	2457	19
11g	2462	16.5
be EHT20	2412	16.5
be EHT20	2417	19.5
be EHT20	2422	22.5
be EHT20	2427	24.5
be EHT20	2432	25
be EHT20	2437	26
be EHT20	2442	25.5
be EHT20	2447	23.5
be EHT20	2452	21
be EHT20	2457	18.5
be EHT20	2462	16

Modulation Mode	Test Frequency (MHz)	Power Index
be EHT40	2422	14
be EHT40	2427	15
be EHT40	2432	16.5
be EHT40	2437	18
be EHT40	2442	16.5
be EHT40	2447	15.5
be EHT40	2452	14.5

1.2 Local Support Equipment List

Support Equipment List					
No.	Equipment	Brand	Model	FCC ID	Remarks
1	Laptop	DELL	Latitude 3440	DoC	---
2	Laptop	DELL	Latitude E5470	DoC	---
3	RJ45 Load	ICC	---	---	---

1.3 Test Setup Chart



1.4 The Equipment List

Test Item	Radiated Emission				
Test Site	966 chamber3 / (03CH03-WS)				
Tested Date	Jul. 05 ~ Jul. 16, 2025				
Instrument	Brand	Model No.	Serial No.	Calibration Date	Calibration Until
Receiver	R&S	ESR3	101657	Mar. 11, 2025	Mar. 10, 2026
Spectrum Analyzer	R&S	FSV40	101499	Mar. 27, 2025	Mar. 26, 2026
Loop Antenna	R&S	HFH2-Z2	100330	Nov. 05, 2024	Nov. 04, 2025
Bilog Antenna	SCHWARZBECK	VULB9168	VULB9168-685	Jul. 04, 2025	Jul. 03, 2026
Horn Antenna 1G-18G	SCHWARZBECK	BBHA 9120 D	BBHA 9120 D 1206	Dec. 20, 2024	Dec. 19, 2025
Horn Antenna 18G-40G	SCHWARZBECK	BBHA 9170	BBHA 9170517	Nov. 18, 2024	Nov. 17, 2025
Preamplifier	EMC	EMC02325	980187	Jun. 24, 2025	Jun. 23, 2026
Preamplifier	EMC	EMC118A45SE	980897	Aug. 05, 2024	Aug. 04, 2025
Preamplifier	EMC	EMC184045SE	980903	Jul. 30, 2024	Jul. 29, 2025
Loop Antenna Cable	KOAX KABEL	101354-BW	101354-BW	Oct. 02, 2024	Oct. 01, 2025
LF cable-0.8M	EMC	EMC8D-NM-NM-800	EMC8D-NM-NM-800-001	Sep. 20, 2024	Sep. 19, 2025
LF cable-3M	EMC	EMC8D-NM-NM-3000	131103	Sep. 20, 2024	Sep. 19, 2025
LF cable-13M	EMC	EMC8D-NM-NM-13000	131104	Sep. 20, 2024	Sep. 19, 2025
RF cable-3M	HUBER+SUHNER	SUCOFLEX104	MY22620/4	Sep. 20, 2024	Sep. 19, 2025
RF cable-8M	EMC	EMC104-SM-SM-8000	181107	Sep. 20, 2024	Sep. 19, 2025
Attenuator	Pasternack	PE7005-10	10-3	Sep. 20, 2024	Sep. 19, 2025
HIGHPASS FILTER	WI	WHK3.1-18G-10SS	43	Sep. 20, 2024	Sep. 19, 2025
Measurement Software	Sporton	SENSE-EMI	V5.11	NA	NA
Measurement Software	Sporton	SENSE-15247_FS	V5.11	NA	NA
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	Aug. 07 ~ Aug. 08, 2025				
Instrument	Brand	Model No.	Serial No.	Calibration Date	Calibration Until
Spectrum Analyzer	R&S	FSV3044	101516	Jun. 09, 2025	Jun. 08, 2026
Power Meter	Anritsu	ML2495A	1241002	Nov. 26, 2024	Nov. 25, 2025
Power Sensor	Anritsu	MA2411B	1207366	Nov. 26, 2024	Nov. 25, 2025
Attenuator	Pasternack	PE7005-10	10-2	Oct. 04, 2024	Oct. 03, 2025
Measurement Software	Sporton	SENSE-15247_DTS	V5.11	NA	NA
Note: Calibration Interval of instruments listed above is one year.					

Test Item	Conducted Emission				
Test Site	Conduction room 1 / (CO01-WS)				
Tested Date	Aug. 07, 2025				
Instrument	Brand	Model No.	Serial No.	Calibration Date	Calibration Until
Receiver	R&S	ESR3	101658	Feb. 25, 2025	Feb. 24, 2026
LISN	R&S	ENV216	101579	May 07, 2025	May 06, 2026
LISN (Support Unit)	SCHWARZBECK	Schwarzbeck 8127	8127-666	Mar. 21, 2025	Mar. 20, 2026
RF Cable-CON	EMC	EMCCFD300-BM-B M-6000	50821	Oct. 09, 2024	Oct. 08, 2025
50 ohm terminal	NA	50	3	Jul. 30, 2025	Jul. 29, 2026
Note: Calibration Interval of instruments listed above is one year.					

1.5 Test Standards

47 CFR FCC Part 15.247

ANSI C63.10-2020

ANSI C63.4-2014 + C63.4a-2017

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 ≤ 1 GHz	± 3.96 dB
Unwanted Emission > 1 GHz	± 4.51 dB

2 Test Configuration

2.1 Testing Facility

Test Laboratory	International Certification Corporation
Test Site	CO01-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.)
Test Site	03CH03-WS
Address of Test Site	No.14-1, Lane 19, Wen San 3rd St., Kwei Shan Dist., Tao Yuan City 33381, Taiwan (R.O.C.)

- FCC Designation No.: TW0009
- FCC site registration No.: 207696
- ISED#: 10807C
- 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	---
Unwanted Emissions ≤ 1GHz	11b	2437	1 Mbps	---
Conducted Output Power	11b	2412 / 2417 / 2422 / 2427 / 2432 / 2437 / 2447 / 2452 / 2457 / 2462	1 Mbps	---
	11g be EHT20	2412 / 2417 / 2422 / 2427 / 2432 / 2437 / 2442 / 2447 / 2452 / 2457 / 2462	6 Mbps MCS 0	
	be EHT40	2422 / 2427 / 2432 / 2437 / 2442 / 2447 / 2452	MCS 0	
Unwanted Emissions >1GHz	11b	2412 / 2437 / 2462	1 Mbps	---
6dB bandwidth	11g	2412 / 2437 / 2462	6 Mbps	
Power spectral density	be EHT20	2412 / 2437 / 2462	MCS 0	
	be EHT40	2422 / 2437 / 2452	MCS 0	
Beamforming mode				
Conducted Output Power	be EHT20	2412 / 2417 / 2422 / 2427 / 2432 / 2437 / 2442 / 2447 / 2452 / 2457 / 2462	MCS 0	---
	be EHT40	2422 / 2427 / 2432 / 2437 / 2442 / 2447 / 2452	MCS 0	
NOTE:				
1. Beamforming mode is calculated not measured. The calculation method is conducted power of non-beamforming – 3.01dB.				

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

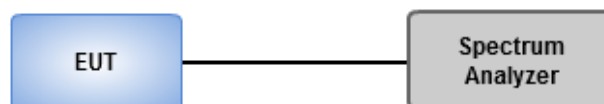
6dB Bandwidth

1. Set resolution bandwidth (RBW) = 1% ~ 5 % of OBW, Video bandwidth = 3 x RBW
2. Detector = Peak, Trace mode = max hold.
3. Sweep = No faster than coupled (auto) time, Allow the trace to stabilize.
4. Measure the maximum width of the emission by placing two markers, one at the lowest frequency and the other at the highest frequency of the envelope of the spectral display, such that each marker is at or slightly below the “-6 dB down amplitude”. If a marker is below this “-6 dB down amplitude” value, then it shall be as close as possible to this value

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	24-25°C / 65-66%	Tested By	Roger Lu
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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 $\leq 6\text{dBi}$, no any corresponding reduction is in output power limit.

Antenna gain $> 6\text{dBi}$

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	24-25°C / 65-66%	Tested By	Roger Lu
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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.

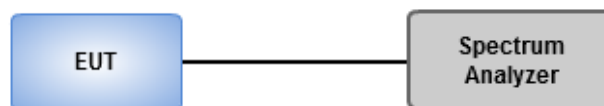
Average PSD, duty cycle $\geq 98\%$

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	24-25°C / 65-66%	Tested By	Roger Lu
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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:
Quasi-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

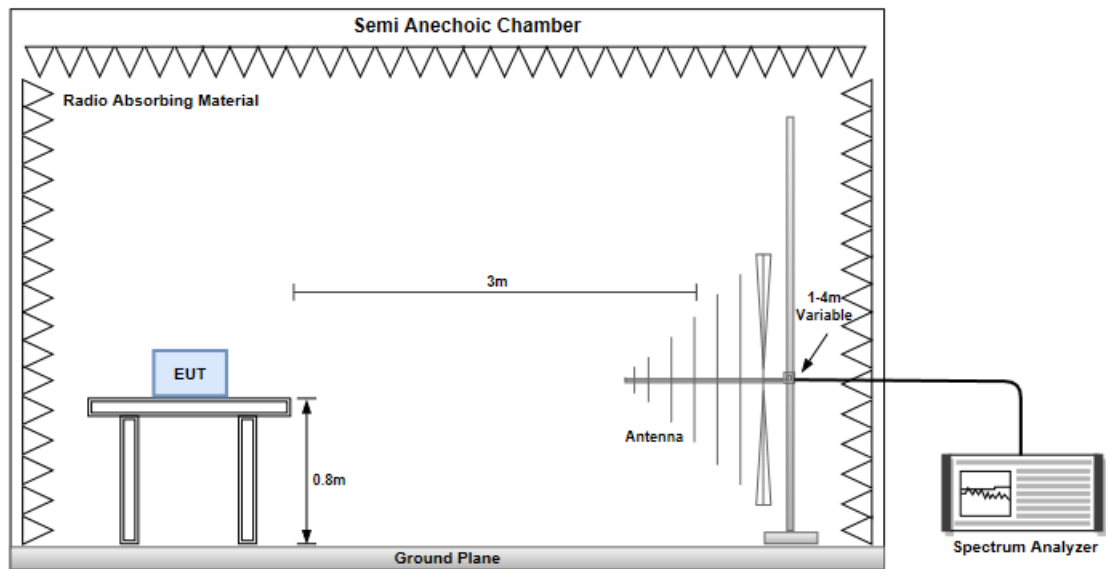
1. Measurement is made at a semi-anechoic chamber that incorporates a turntable allowing a EUT rotation of 360°. A continuously-rotating, remotely-controlled turntable is installed at the test site to support the EUT and facilitate determination of the direction of maximum radiation for each EUT emission 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:

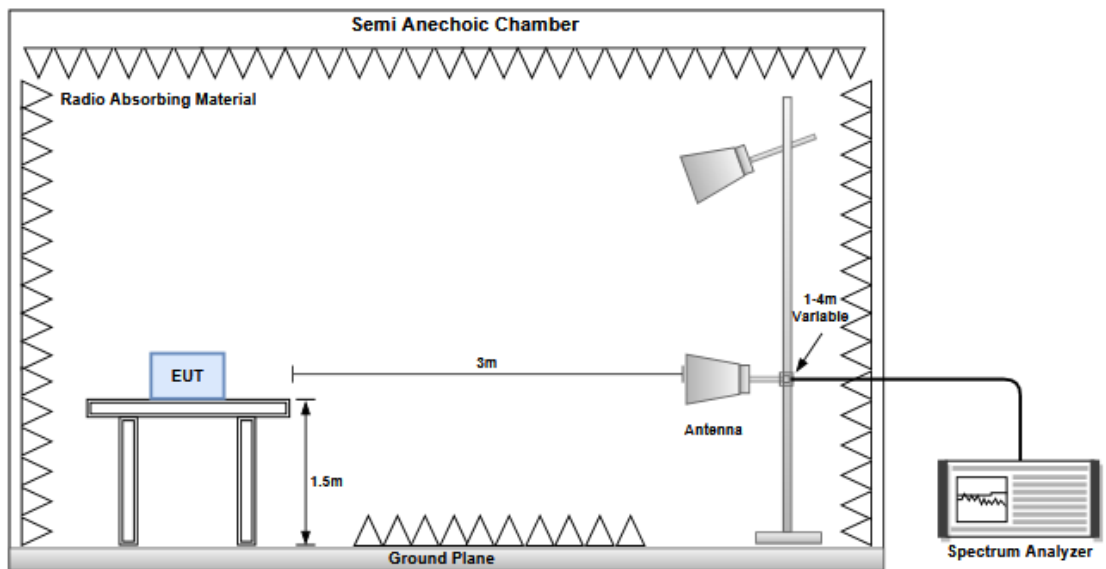
1. 120kHz measurement bandwidth of test receiver and Quasi-peak detector is for radiated emission below 1GHz.
2. RBW=1MHz, VBW=3MHz and Peak detector is for peak measured value of radiated emission above 1GHz.
3. RBW=1MHz, VBW=1/T and Peak detector is for average measured value of radiated emission above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

3.4.3 Test Setup

Radiated Emissions below 1 GHz



Radiated Emissions above 1 GHz



3.4.4 Test Results

Ambient Condition	23-25°C / 61-65%	Tested By	Brad Wu
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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 20 dB relative to the maximum in-band peak PSD level in 100 kHz.

3.5.2 Test Procedures

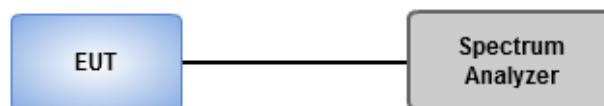
Reference level measurement

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	24-25°C / 65-66%	Tested By	Roger Lu
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Refer to Appendix E.

3.6 AC Power Line Conducted Emissions

3.6.1 Limit of AC Power Line Conducted Emissions

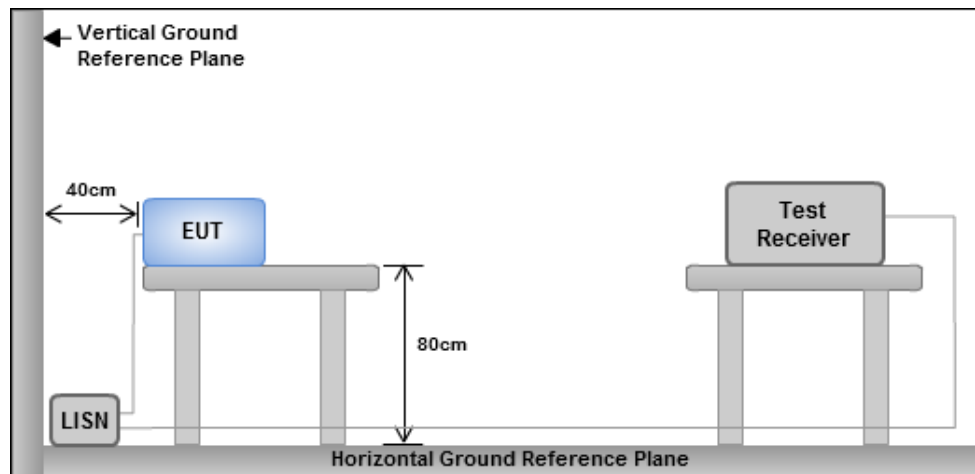
Conducted Emissions Limit		
Frequency Emission (MHz)	Quasi-Peak	Average
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50

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.

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

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==END==

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)_2TX	8.575M	13.366M	13M4G1D	6.05M	12.755M
802.11g_Nss1,(6Mbps)_2TX	15.375M	17.139M	17M1D1D	11.4M	16.666M
802.11be EHT20_Nss1,(MCS0)_2TX	18.35M	18.974M	19M0D1D	11.625M	18.728M
802.11be EHT40_Nss1,(MCS0)_2TX	37.4M	37.908M	37M9D1D	28.15M	37.685M

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)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	7.075M	12.895M	6.05M	13.199M
2437MHz	Pass	500k	8.125M	13.366M	8.575M	13.299M
2462MHz	Pass	500k	7.6M	12.755M	7.65M	12.97M
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	15.35M	16.688M	15.375M	16.666M
2437MHz	Pass	500k	15.25M	17.04M	11.4M	17.139M
2462MHz	Pass	500k	15.375M	16.752M	15.025M	16.734M
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	500k	15.55M	18.846M	11.625M	18.728M
2437MHz	Pass	500k	18.35M	18.974M	13.525M	18.831M
2462MHz	Pass	500k	15.8M	18.908M	13.525M	18.838M
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	500k	28.15M	37.803M	37.3M	37.891M
2437MHz	Pass	500k	28.35M	37.8M	36.35M	37.908M
2452MHz	Pass	500k	37.2M	37.721M	37.4M	37.685M

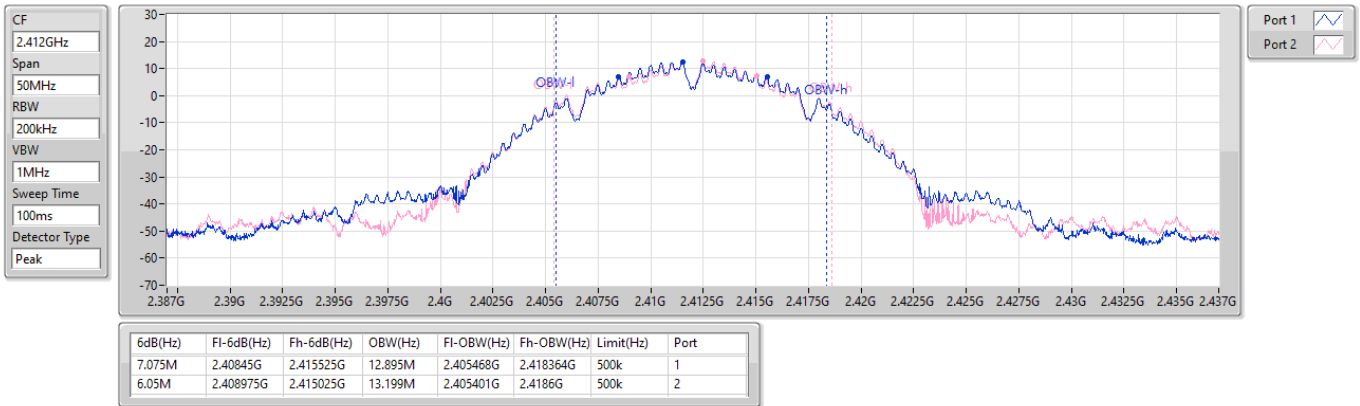
Port X-N dB = Port X 6dB down bandwidth;

Port X-OBW = Port X 99% occupied bandwidth

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

EBW

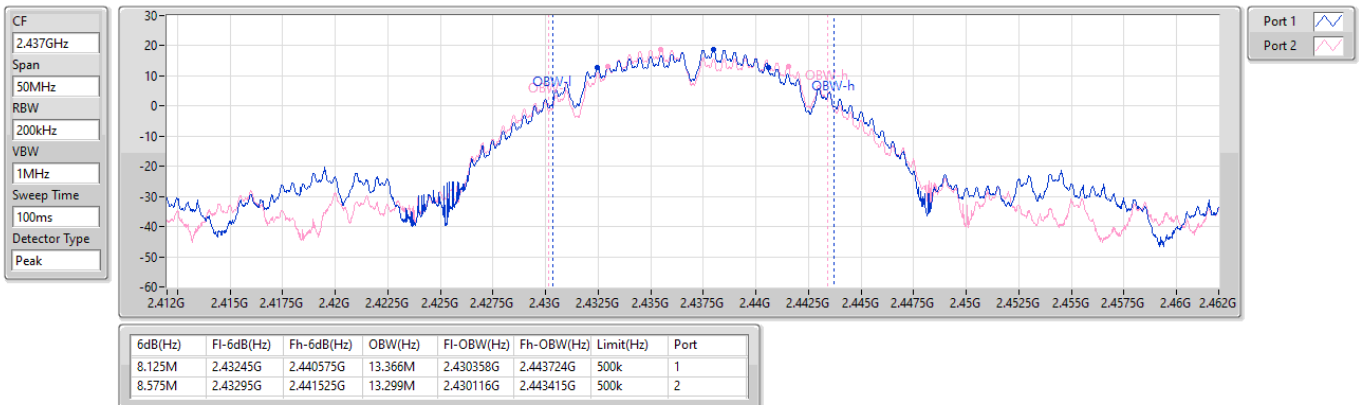
2412MHz



2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

EBW

2437MHz

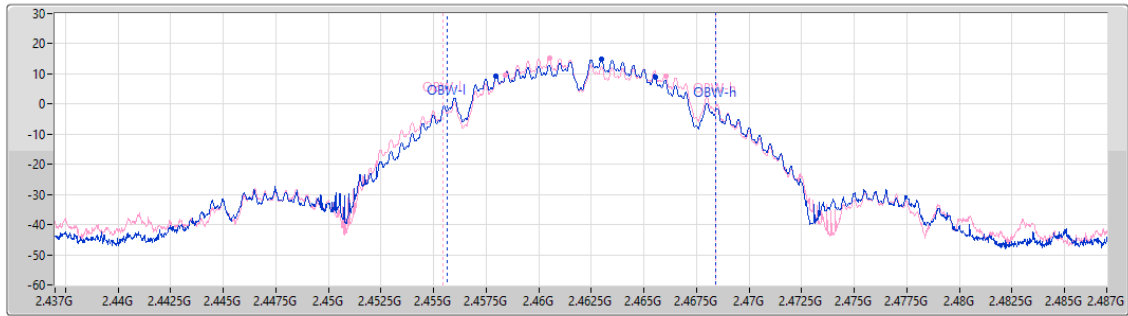


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

EBW

2462MHz

CF
2.462GHz
Span
50MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2

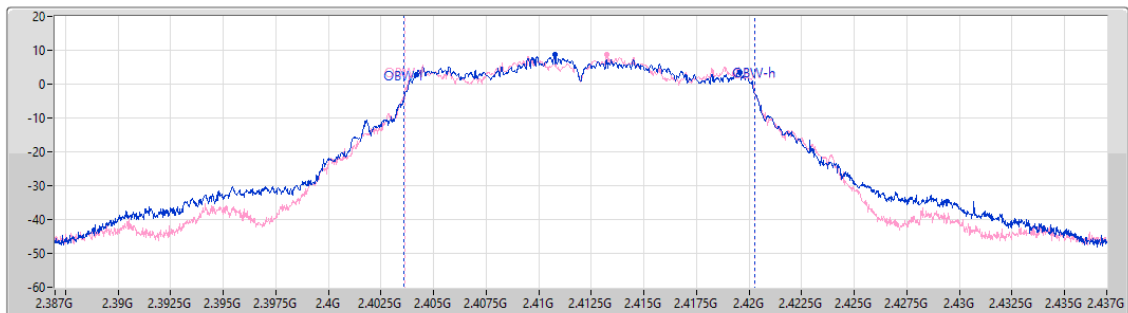
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
7.6M	2.45795G	2.46555G	12.755M	2.455644G	2.468398G	500k	1
7.65M	2.4584G	2.46605G	12.97M	2.455421G	2.468391G	500k	2

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

EBW

2412MHz

CF
2.412GHz
Span
50MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2

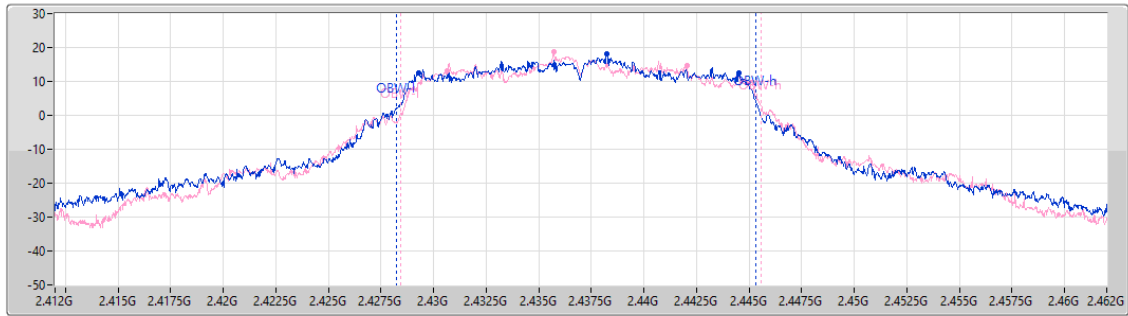
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.35M	2.4042G	2.41955G	16.688M	2.403592G	2.42028G	500k	1
15.375M	2.4042G	2.419575G	16.666M	2.403617G	2.420283G	500k	2

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

EBW

2437MHz

CF
2.437GHz
Span
50MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



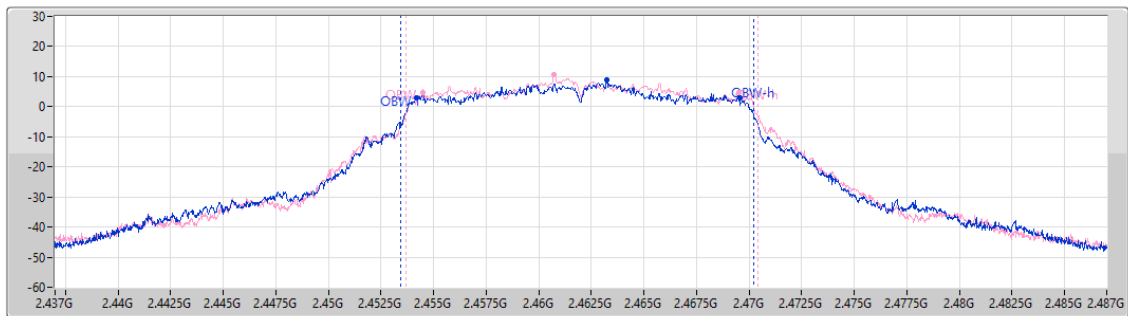
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.25M	2.429275G	2.444525G	17.04M	2.428253G	2.445293G	500k	1
11.4M	2.43065G	2.44205G	17.139M	2.428427G	2.445566G	500k	2

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

EBW

2462MHz

CF
2.462GHz
Span
50MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak

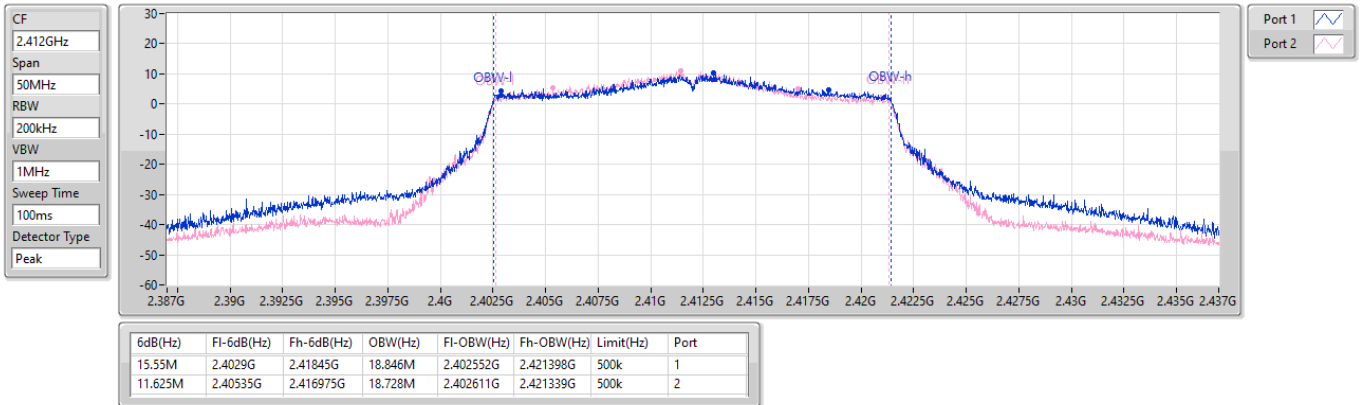


6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.375M	2.454175G	2.46955G	16.752M	2.453445G	2.470197G	500k	1
15.025M	2.454475G	2.4695G	16.734M	2.453661G	2.470395G	500k	2

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

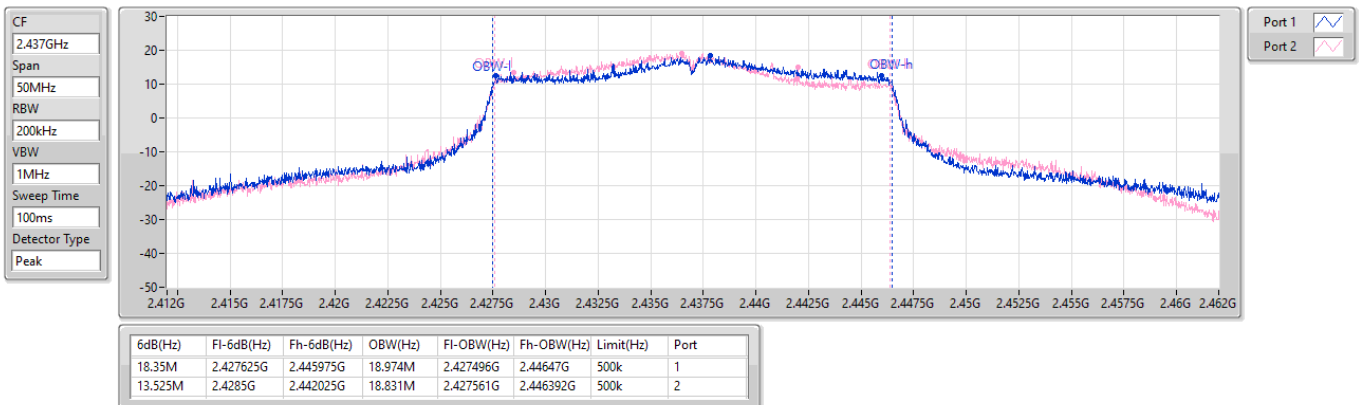
2412MHz



2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

2437MHz

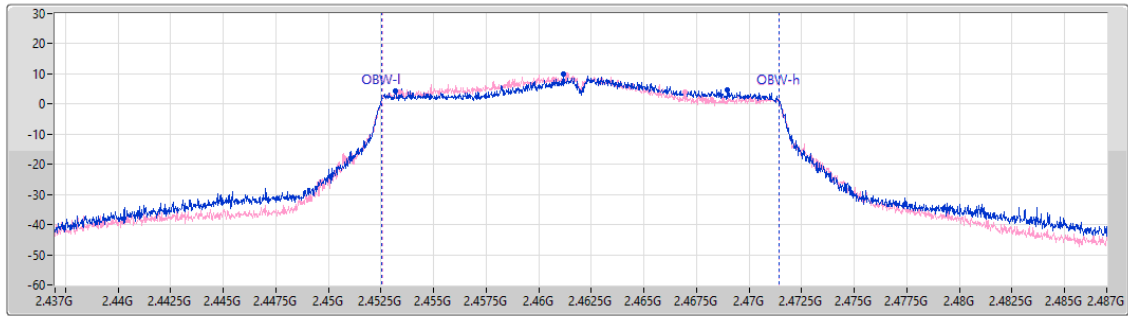


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

EBW

2462MHz

CF
2.462GHz
Span
50MHz
RBW
200kHz
VBW
1MHz
Sweep Time
100ms
Detector Type
Peak



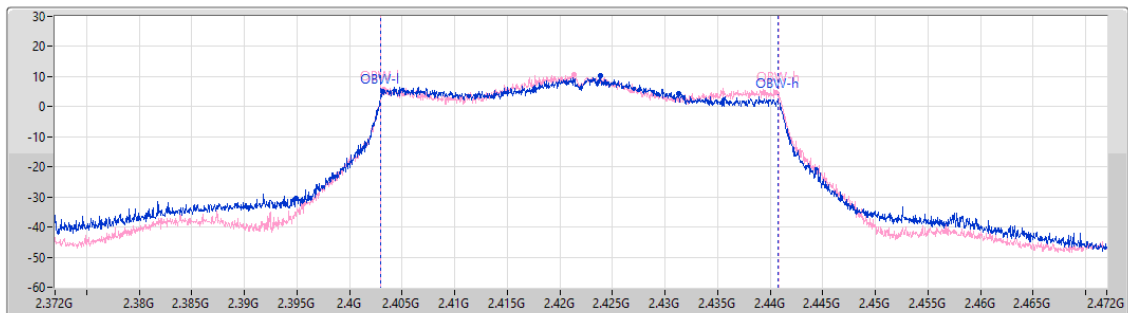
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
15.8M	2.453175G	2.468975G	18.908M	2.452522G	2.471429G	500k	1
13.525M	2.4534G	2.466925G	18.838M	2.45256G	2.471398G	500k	2

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

2422MHz

CF
2.422GHz
Span
100MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
28.15M	2.40315G	2.4313G	37.803M	2.40296G	2.440763G	500k	1
37.3M	2.40325G	2.44055G	37.891M	2.403001G	2.440892G	500k	2

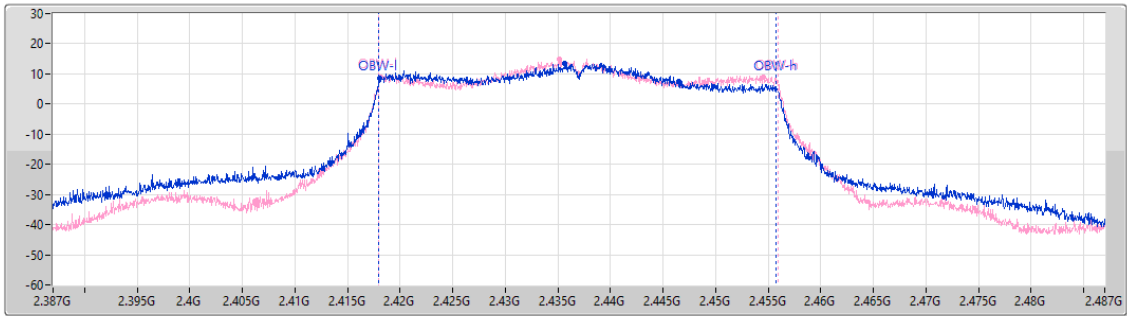


2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

2437MHz

CF
2.437GHz
Span
100MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



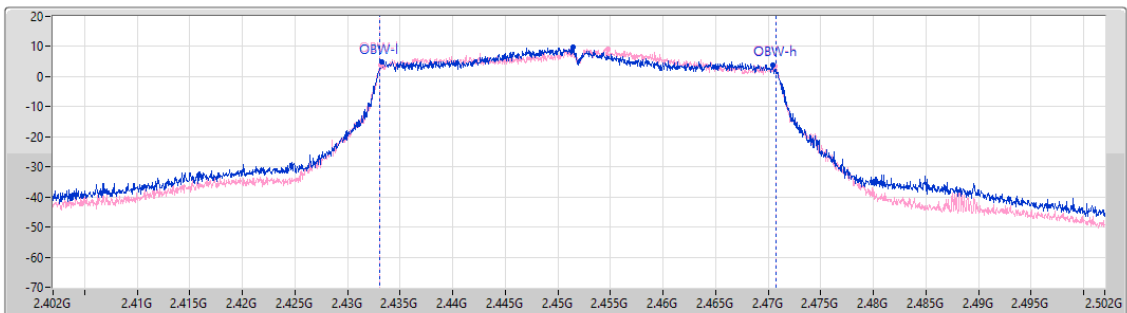
6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
28.35M	2.4181G	2.44645G	37.8M	2.417945G	2.455746G	500k	1
36.35M	2.41815G	2.4545G	37.908M	2.41799G	2.455898G	500k	2

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

EBW

2452MHz

CF
2.452GHz
Span
100MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.2M	2.43325G	2.47045G	37.721M	2.43306G	2.470782G	500k	1
37.4M	2.4332G	2.4706G	37.685M	2.433079G	2.470765G	500k	2

Non-beamforming mode
Summary

Mode	Total Power (dBm)	Total Power (W)
2.4-2.4835GHz	-	-
802.11b_Nss1,(1Mbps)_2TX	29.29	0.84918
802.11g_Nss1,(6Mbps)_2TX	28.30	0.67608
802.11be EHT20_Nss1,(MCS0)_2TX	28.22	0.66374
802.11be EHT40_Nss1,(MCS0)_2TX	21.16	0.13062

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-	-	-
2412MHz	Pass	3.60	19.68	19.58	22.64	30.00	26.24	36.00
2417MHz	Pass	3.60	22.26	22.21	25.25	30.00	28.85	36.00
2422MHz	Pass	3.60	22.87	22.86	25.88	30.00	29.48	36.00
2427MHz	Pass	3.60	25.35	25.28	28.33	30.00	31.93	36.00
2432MHz	Pass	3.60	25.35	25.33	28.35	30.00	31.95	36.00
2437MHz	Pass	3.60	26.28	26.27	29.29	30.00	32.89	36.00
2447MHz	Pass	3.60	26.21	26.11	29.17	30.00	32.77	36.00
2452MHz	Pass	3.60	24.86	24.84	27.86	30.00	31.46	36.00
2457MHz	Pass	3.60	23.34	23.38	26.37	30.00	29.97	36.00
2462MHz	Pass	3.60	22.29	22.34	25.33	30.00	28.93	36.00
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
2412MHz	Pass	3.60	16.51	16.45	19.49	30.00	23.09	36.00
2417MHz	Pass	3.60	19.37	19.34	22.37	30.00	25.97	36.00
2422MHz	Pass	3.60	22.02	22.26	25.15	30.00	28.75	36.00
2427MHz	Pass	3.60	24.03	23.92	26.99	30.00	30.59	36.00
2432MHz	Pass	3.60	24.45	24.54	27.51	30.00	31.11	36.00
2437MHz	Pass	3.60	25.25	25.33	28.30	30.00	31.90	36.00
2442MHz	Pass	3.60	25.24	25.28	28.27	30.00	31.87	36.00
2447MHz	Pass	3.60	23.78	24.02	26.91	30.00	30.51	36.00
2452MHz	Pass	3.60	21.62	21.76	24.70	30.00	28.30	36.00
2457MHz	Pass	3.60	18.92	19.05	22.00	30.00	25.60	36.00
2462MHz	Pass	3.60	16.45	16.68	19.58	30.00	23.18	36.00
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
2412MHz	Pass	3.60	16.48	16.45	19.48	30.00	23.08	36.00
2417MHz	Pass	3.60	19.15	18.68	21.93	30.00	25.53	36.00
2422MHz	Pass	3.60	21.88	21.64	24.77	30.00	28.37	36.00
2427MHz	Pass	3.60	23.95	24.26	27.12	30.00	30.72	36.00
2432MHz	Pass	3.60	24.27	23.96	27.13	30.00	30.73	36.00
2437MHz	Pass	3.60	25.19	25.22	28.22	30.00	31.82	36.00
2442MHz	Pass	3.60	24.68	25.08	27.89	30.00	31.49	36.00
2447MHz	Pass	3.60	22.72	22.76	25.75	30.00	29.35	36.00

**Conducted Output Power(Average)****Appendix B.1**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
2452MHz	Pass	3.60	20.55	20.31	23.44	30.00	27.04	36.00
2457MHz	Pass	3.60	18.42	18.72	21.58	30.00	25.18	36.00
2462MHz	Pass	3.60	15.76	15.86	18.82	30.00	22.42	36.00
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
2422MHz	Pass	3.60	14.38	14.37	17.39	30.00	20.99	36.00
2427MHz	Pass	3.60	15.05	15.18	18.13	30.00	21.73	36.00
2432MHz	Pass	3.60	16.75	17.08	19.93	30.00	23.53	36.00
2437MHz	Pass	3.60	18.12	18.17	21.16	30.00	24.76	36.00
2442MHz	Pass	3.60	16.57	16.65	19.62	30.00	23.22	36.00
2447MHz	Pass	3.60	15.72	16.07	18.91	30.00	22.51	36.00
2452MHz	Pass	3.60	14.56	14.92	17.75	30.00	21.35	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)_2TX	25.21	0.33189
802.11be EHT40-BF_Nss1,(MCS0)_2TX	18.15	0.06531

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11be EHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
2412MHz	Pass	6.32	13.47	13.44	16.47	29.68	22.79	36.00
2417MHz	Pass	6.32	16.14	15.67	18.92	29.68	25.24	36.00
2422MHz	Pass	6.32	18.87	18.63	21.76	29.68	28.08	36.00
2427MHz	Pass	6.32	20.94	21.25	24.11	29.68	30.43	36.00
2432MHz	Pass	6.32	21.26	20.95	24.12	29.68	30.44	36.00
2437MHz	Pass	6.32	22.18	22.21	25.21	29.68	31.53	36.00
2442MHz	Pass	6.32	21.67	22.07	24.88	29.68	31.20	36.00
2447MHz	Pass	6.32	19.71	19.75	22.74	29.68	29.06	36.00
2452MHz	Pass	6.32	17.54	17.3	20.43	29.68	26.75	36.00
2457MHz	Pass	6.32	15.41	15.71	18.57	29.68	24.89	36.00
2462MHz	Pass	6.32	12.75	12.85	15.81	29.68	22.13	36.00
802.11be EHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
2422MHz	Pass	6.32	11.37	11.36	14.38	29.68	20.70	36.00
2427MHz	Pass	6.32	12.04	12.17	15.12	29.68	21.44	36.00
2432MHz	Pass	6.32	13.74	14.07	16.92	29.68	23.24	36.00
2437MHz	Pass	6.32	15.11	15.16	18.15	29.68	24.47	36.00
2442MHz	Pass	6.32	13.56	13.64	16.61	29.68	22.93	36.00
2447MHz	Pass	6.32	12.71	13.06	15.90	29.68	22.22	36.00
2452MHz	Pass	6.32	11.55	11.91	14.74	29.68	21.06	36.00

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

Directional gain = $10 \log \left[\left(10^{3.6/20} + 10^{3.0/20} \right)^2 / 2 \right] = 6.32 \text{ dBi} > 6 \text{ dBi}$, Limit shall be reduced to $30 \text{ dBm} - (6.32 \text{ dBi} - 6 \text{ dBi}) = 29.68 \text{ dBm}$

Summary

Mode	PD (dBm/RBW)
2.4-2.4835GHz	-
802.11b_Nss1,(1Mbps)_2TX	0.41
802.11g_Nss1,(6Mbps)_2TX	-1.34
802.11be EHT20_Nss1,(MCS0)_2TX	-3.62
802.11be EHT40_Nss1,(MCS0)_2TX	-13.56

RBW = 3kHz;

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11b_Nss1,(1Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.32	-7.87	-7.56	-4.99	7.68
2437MHz	Pass	6.32	-1.76	-1.88	0.41	7.68
2462MHz	Pass	6.32	-5.63	-5.53	-3.05	7.68
802.11g_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.32	-12.92	-13.64	-11.65	7.68
2437MHz	Pass	6.32	-4.81	-2.90	-1.34	7.68
2462MHz	Pass	6.32	-13.39	-11.51	-10.26	7.68
802.11be EHT20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2412MHz	Pass	6.32	-14.67	-14.19	-12.18	7.68
2437MHz	Pass	6.32	-5.87	-5.69	-3.62	7.68
2462MHz	Pass	6.32	-15.18	-14.76	-12.59	7.68
802.11be EHT40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
2422MHz	Pass	6.32	-19.30	-18.87	-16.84	7.68
2437MHz	Pass	6.32	-16.03	-14.66	-13.56	7.68
2452MHz	Pass	6.32	-19.71	-19.20	-17.01	7.68

DG = Directional Gain; RBW = 3kHz;

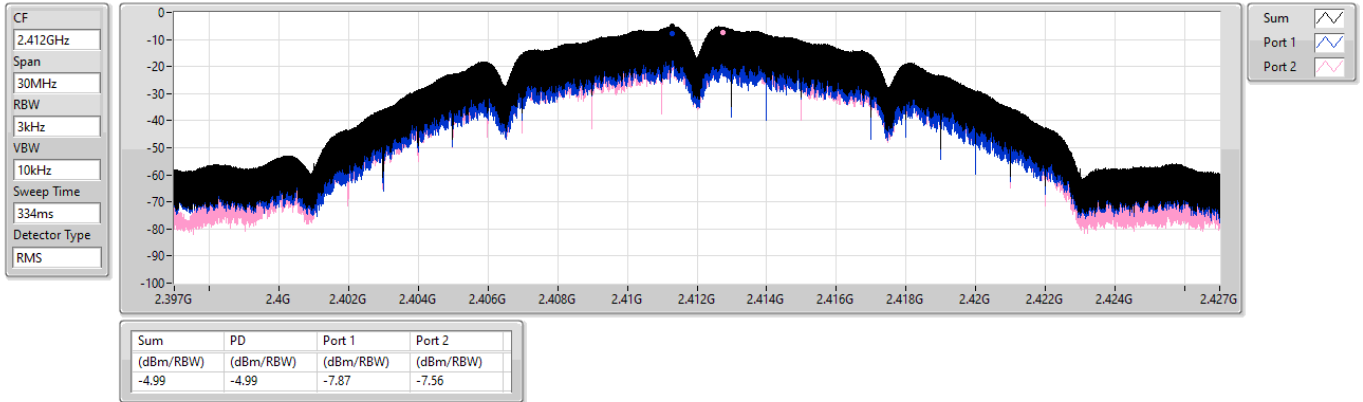
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

Directional gain = $10 \log \left[\left(10^{3.6/20} + 10^{3.0/20} \right)^2 / 2 \right] = 6.32 \text{ dBi} > 6 \text{ dBi}$, Limit shall be reduced to 8 dBm – (6.32 dBi - 6 dBi) = 7.68 dBm

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

PSD

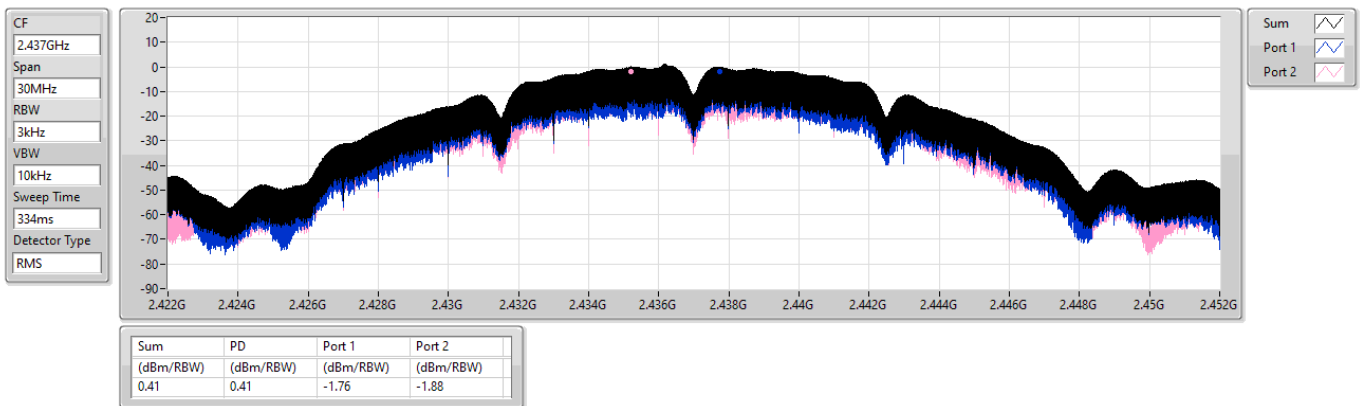
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2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

PSD

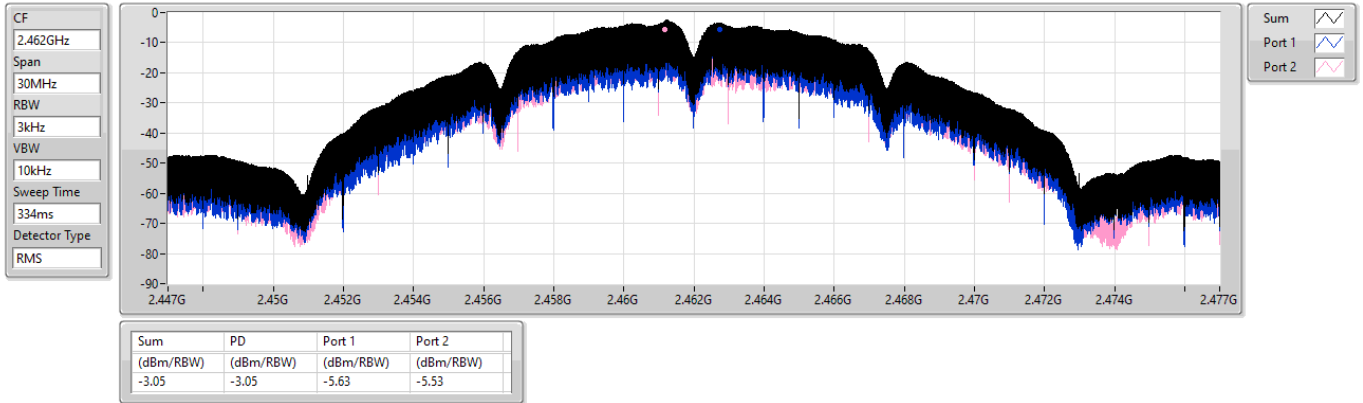
2437MHz



2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

PSD

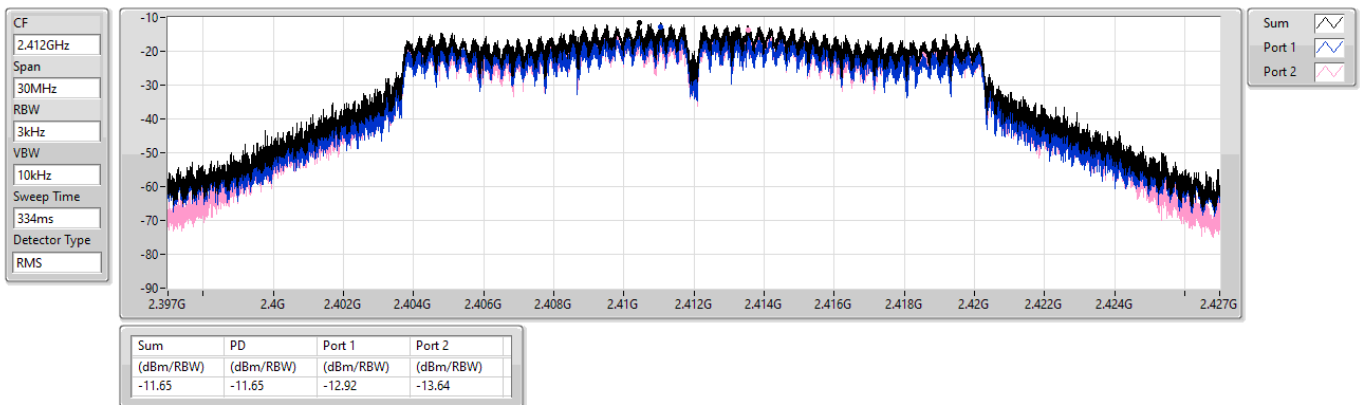
2462MHz



2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

PSD

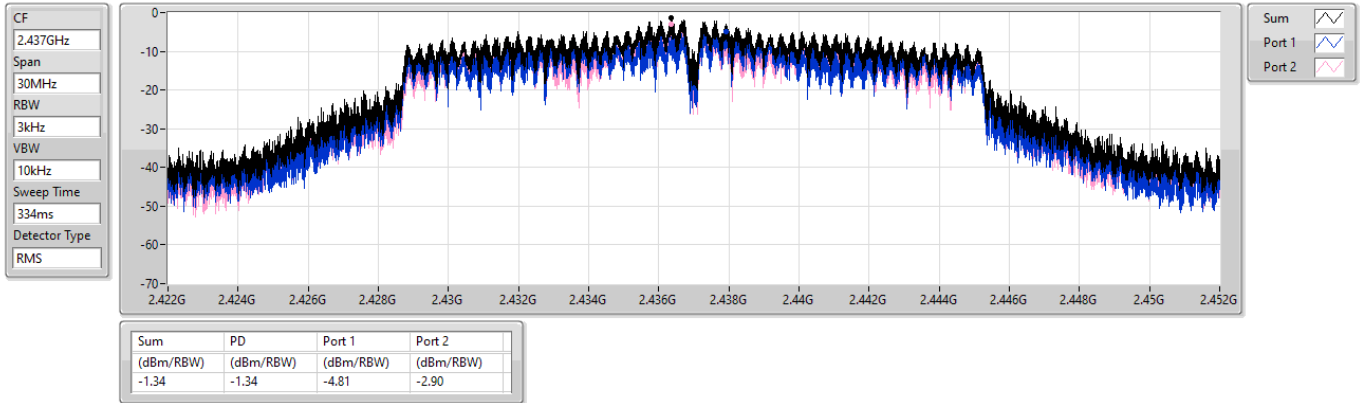
2412MHz



2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

PSD

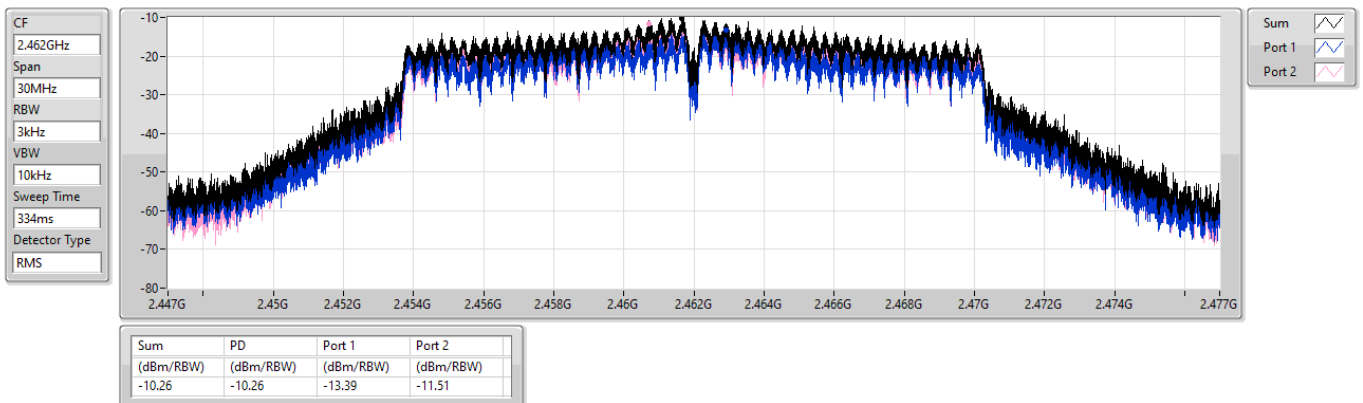
2437MHz



2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

PSD

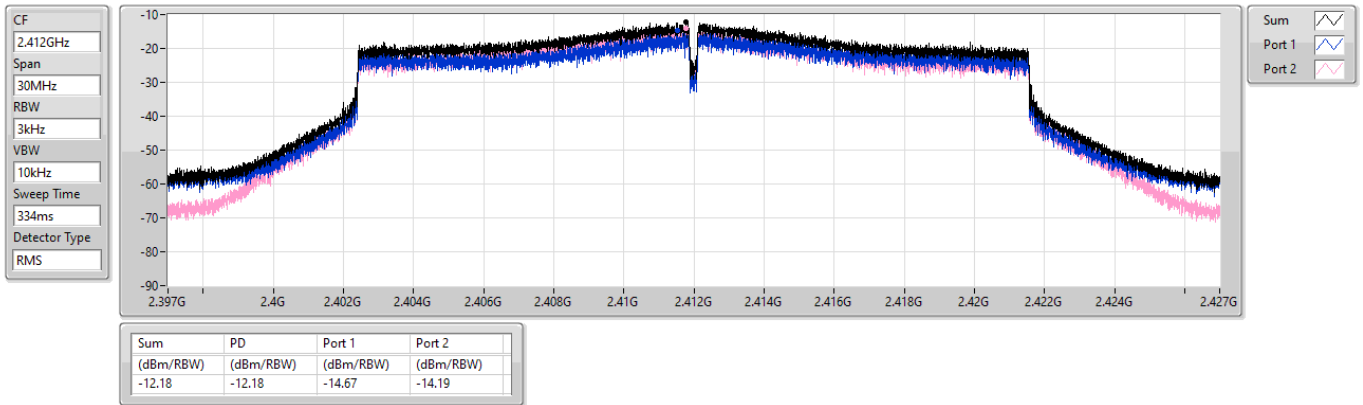
2462MHz



2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

PSD

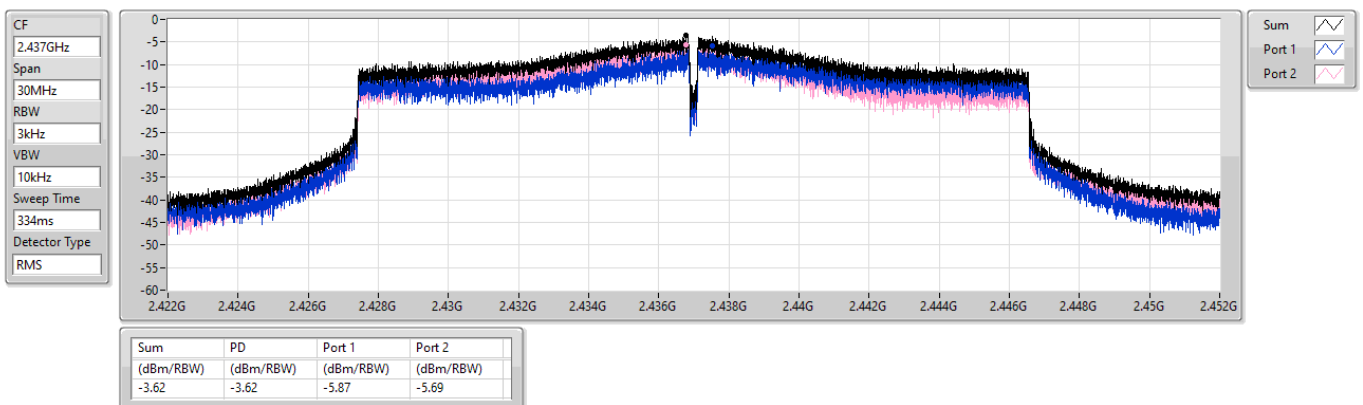
2412MHz



2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

PSD

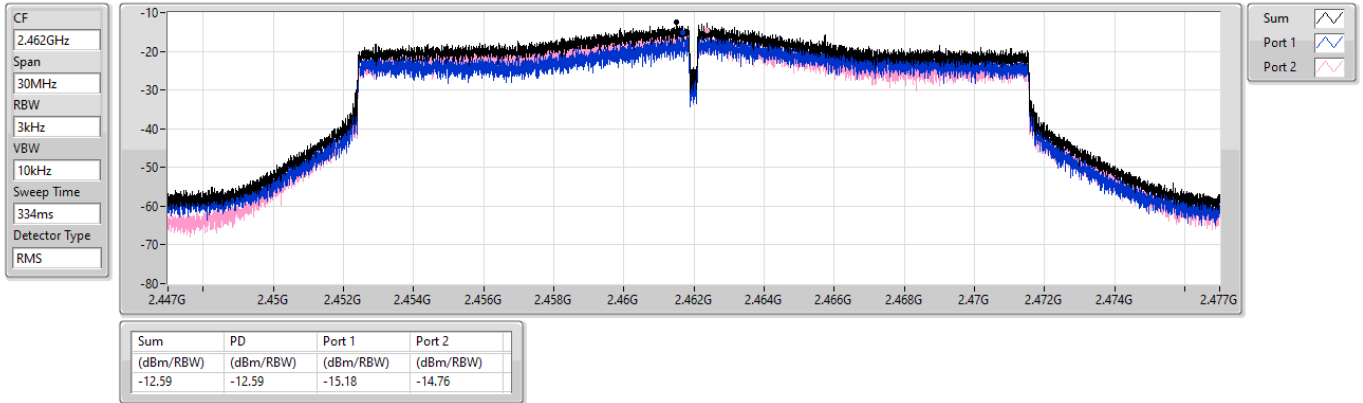
2437MHz



2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

PSD

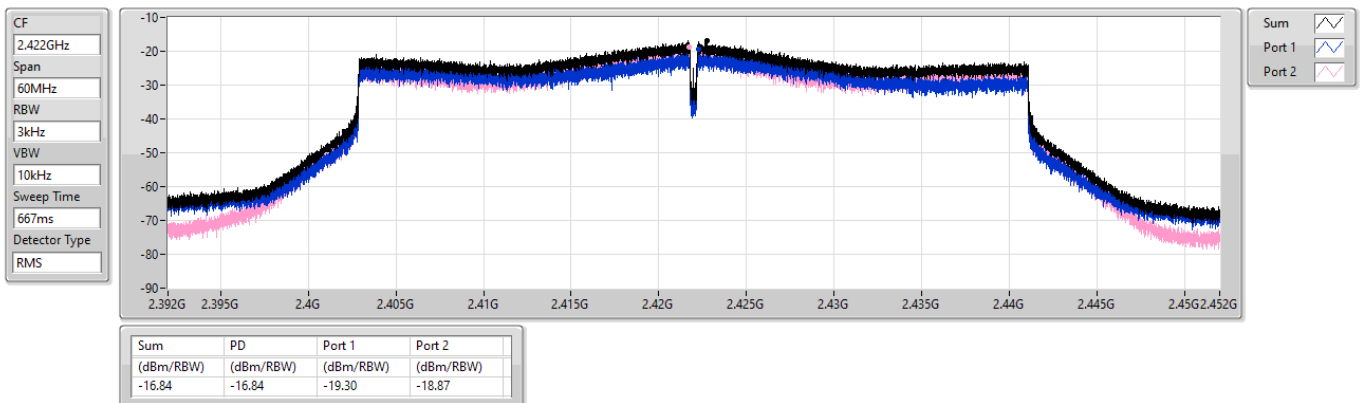
2462MHz



2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

PSD

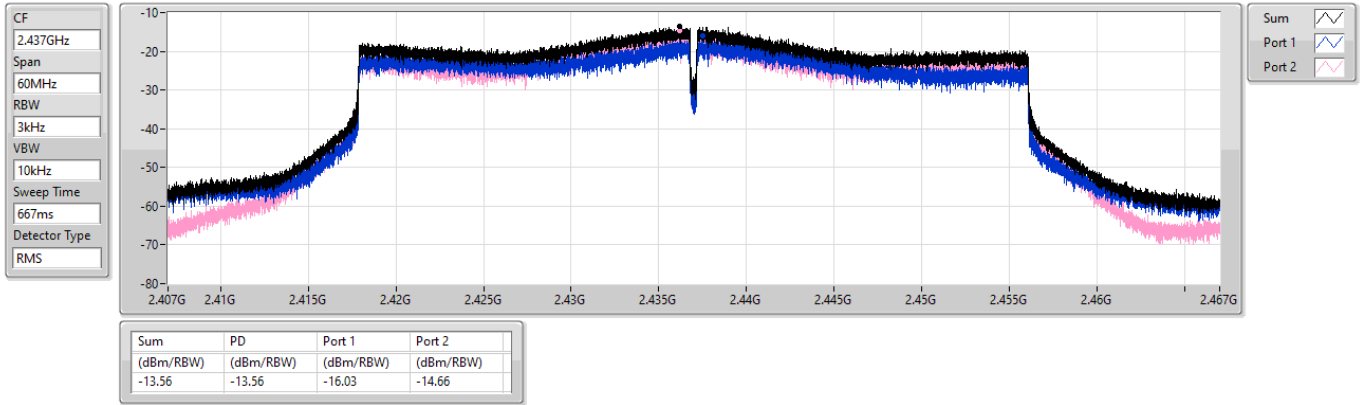
2422MHz



2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

PSD

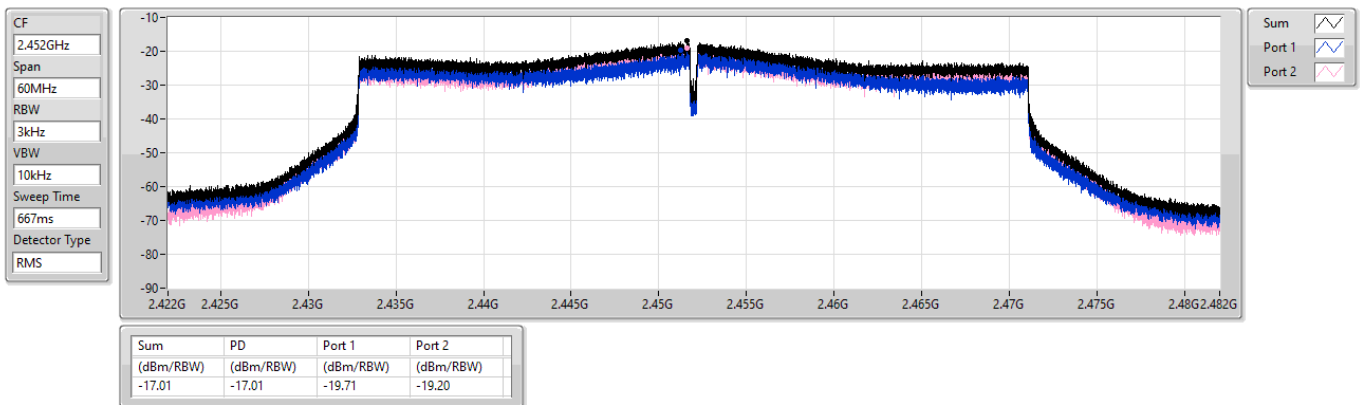
2437MHz



2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

PSD

2452MHz





Summary

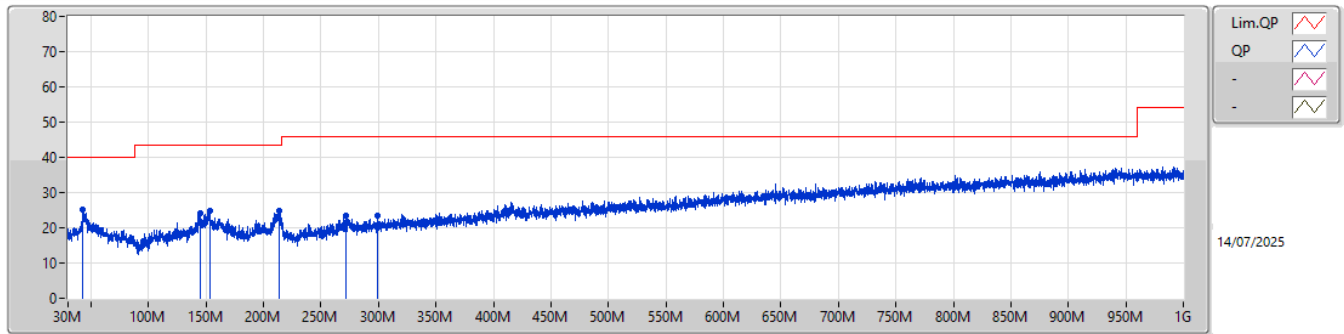
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	QP	45.3M	36.85	40.00	-3.15	Vertical



Unwanted Emissions into Restricted Frequency Bands Below 1GHz

Appendix D.1

Mode 1



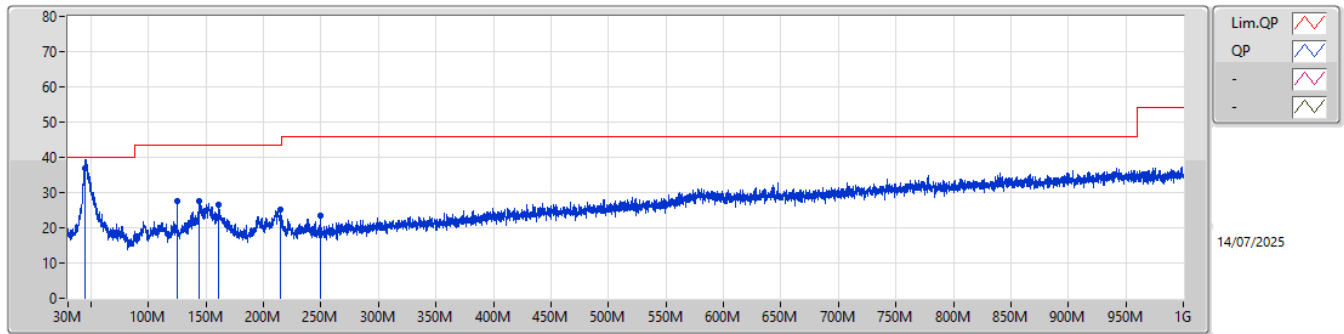
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
PK	42.9M	25.04	40.00	-14.96	-8.90	3	Horizontal	-	-	-	33.94	18.48	0.57	27.95		
PK	144.8M	24.01	43.50	-19.49	-8.77	3	Horizontal	-	-	-	32.78	18.30	1.17	28.24		
PK	153.5M	24.96	43.50	-18.54	-8.64	3	Horizontal	-	-	-	33.60	18.40	1.21	28.25		
PK	213.2M	24.66	43.50	-18.84	-11.89	3	Horizontal	-	-	-	36.55	14.94	1.47	28.30		
PK	271.7M	23.52	46.00	-22.48	-9.01	3	Horizontal	-	-	-	32.53	17.60	1.68	28.29		
PK	299.3M	23.48	46.00	-22.52	-8.09	3	Horizontal	-	-	-	31.57	18.39	1.80	28.28		



Unwanted Emissions into Restricted Frequency Bands Below 1GHz

Appendix D.1

Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB/m)	CL (dB)	PA (dB)		
QP	45.3M	36.85	40.00	-3.15	-8.73	3	Vertical	316	1.00	-	45.58	18.63	0.59	27.95		
PK	125.11M	27.52	43.50	-15.98	-10.72	3	Vertical	-	-	-	38.24	16.41	1.09	28.22		
PK	143.9M	27.59	43.50	-15.91	-8.79	3	Vertical	-	-	-	36.38	18.29	1.16	28.24		
PK	161.4M	26.61	43.50	-16.89	-8.75	3	Vertical	-	-	-	35.36	18.26	1.25	28.26		
PK	214.7M	25.29	43.50	-18.21	-11.91	3	Vertical	-	-	-	37.20	14.91	1.48	28.30		
PK	250.05M	23.42	46.00	-22.58	-9.80	3	Vertical	-	-	-	33.22	16.90	1.59	28.29		



Unwanted Emissions into Restricted Frequency Bands Above 1GHz

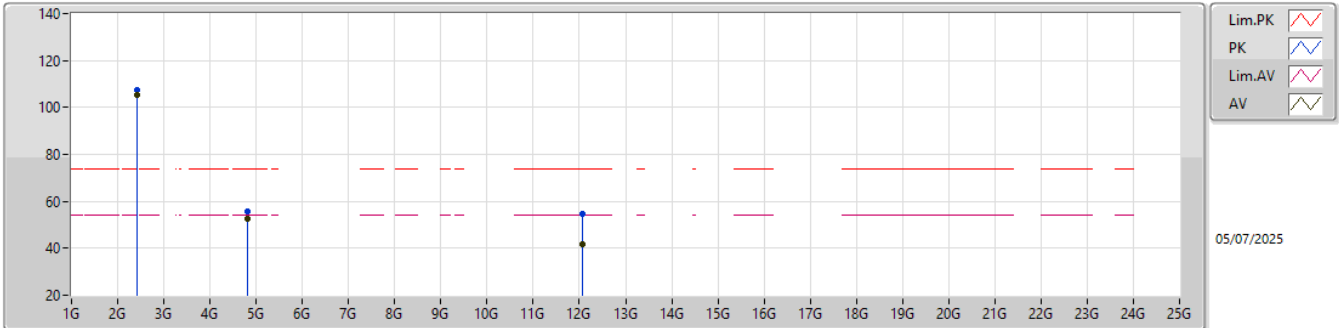
Appendix D.2

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
802.11b_Nss1,(1Mbps)_2TX	Pass	AV	4.874G	53.88	54.00	-0.12	3	Vertical	241	2.61	-
802.11g_Nss1,(6Mbps)_2TX	Pass	AV	12.06G	41.78	54.00	-12.22	3	Horizontal	41	1.00	-
802.11be EHT20_Nss1,(MCS0)_2TX	Pass	AV	12.06G	41.75	54.00	-12.25	3	Horizontal	45	1.00	-
802.11be EHT40_Nss1,(MCS0)_2TX	Pass	AV	7.311G	38.24	54.00	-15.76	3	Horizontal	311	1.00	-

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

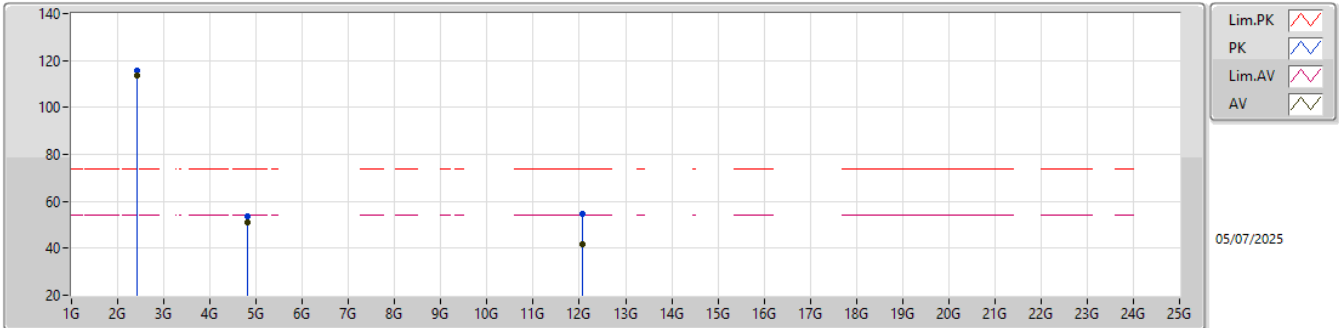
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	2.412G	105.11	Inf	-Inf	108.98	3	Horizontal	120	1.15	-	27.60	4.97	36.44			
PK	2.412G	107.62	Inf	-Inf	111.49	3	Horizontal	120	1.15	-	27.60	4.97	36.44			
AV	4.824G	52.83	54.00	-1.17	53.09	3	Horizontal	315	1.00	-	31.20	6.75	38.21			
PK	4.824G	55.50	74.00	-18.50	55.76	3	Horizontal	315	1.00	-	31.20	6.75	38.21			
AV	12.06G	41.56	54.00	-12.44	34.26	3	Horizontal	35	1.00	-	38.92	10.56	42.18			
PK	12.06G	54.59	74.00	-19.41	47.29	3	Horizontal	35	1.00	-	38.92	10.56	42.18			

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

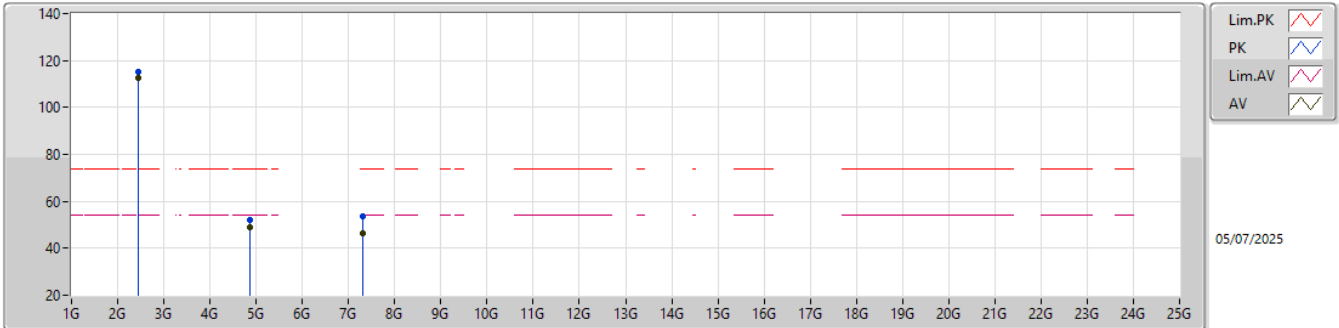
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	2.412G	113.49	Inf	-Inf	117.36	3	Vertical	275	1.68	-	27.60	4.97	36.44			
PK	2.412G	115.90	Inf	-Inf	119.77	3	Vertical	275	1.68	-	27.60	4.97	36.44			
AV	4.824G	51.29	54.00	-2.71	51.55	3	Vertical	249	2.61	-	31.20	6.75	38.21			
PK	4.824G	53.61	74.00	-20.39	53.87	3	Vertical	249	2.61	-	31.20	6.75	38.21			
AV	12.06G	41.70	54.00	-12.30	34.40	3	Vertical	25	1.00	-	38.92	10.56	42.18			
PK	12.06G	54.52	74.00	-19.48	47.22	3	Vertical	25	1.00	-	38.92	10.56	42.18			

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

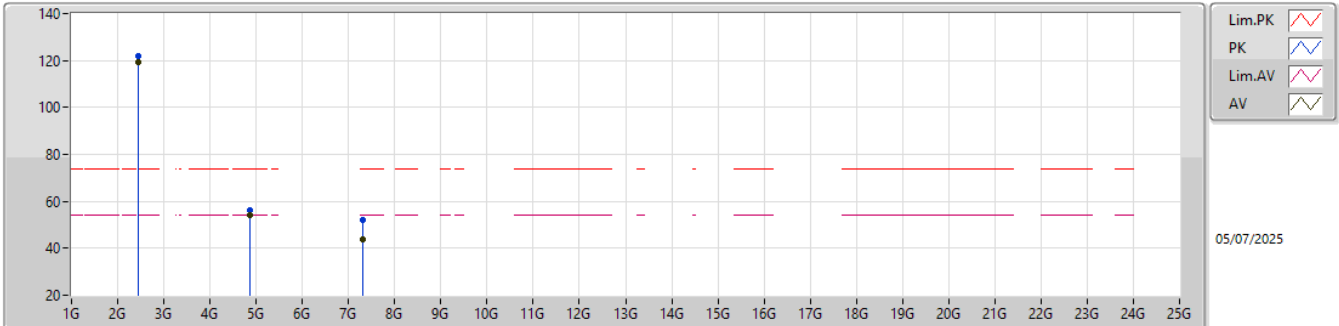
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	2.437G	112.80	Inf	-Inf	116.76	3	Horizontal	128	1.09	-	27.53	4.98	36.47			
PK	2.437G	115.13	Inf	-Inf	119.09	3	Horizontal	128	1.09	-	27.53	4.98	36.47			
AV	4.874G	49.11	54.00	-4.89	49.37	3	Horizontal	215	1.00	-	31.20	6.78	38.24			
PK	4.874G	51.98	74.00	-22.02	52.24	3	Horizontal	215	1.00	-	31.20	6.78	38.24			
AV	7.311G	46.28	54.00	-7.72	40.79	3	Horizontal	309	2.08	-	36.40	8.24	39.15			
PK	7.311G	53.39	74.00	-20.61	47.90	3	Horizontal	309	2.08	-	36.40	8.24	39.15			

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

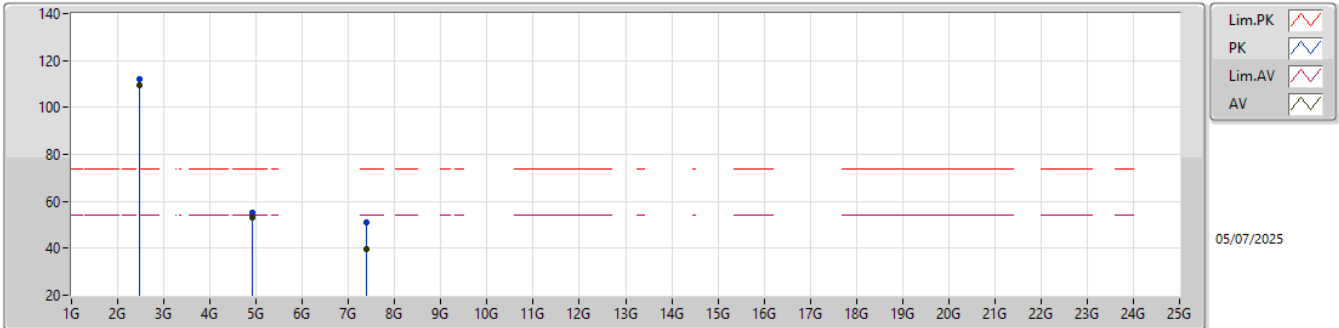
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	2.437G	119.50	Inf	-Inf	123.46	3	Vertical	269	1.84	-	27.53	4.98	36.47			
PK	2.437G	121.72	Inf	-Inf	125.68	3	Vertical	269	1.84	-	27.53	4.98	36.47			
AV	4.874G	53.88	54.00	-0.12	54.14	3	Vertical	241	2.61	-	31.20	6.78	38.24			
PK	4.874G	55.98	74.00	-18.02	56.24	3	Vertical	241	2.61	-	31.20	6.78	38.24			
AV	7.311G	43.67	54.00	-10.33	38.18	3	Vertical	230	1.00	-	36.40	8.24	39.15			
PK	7.311G	52.15	74.00	-21.85	46.66	3	Vertical	230	1.00	-	36.40	8.24	39.15			

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

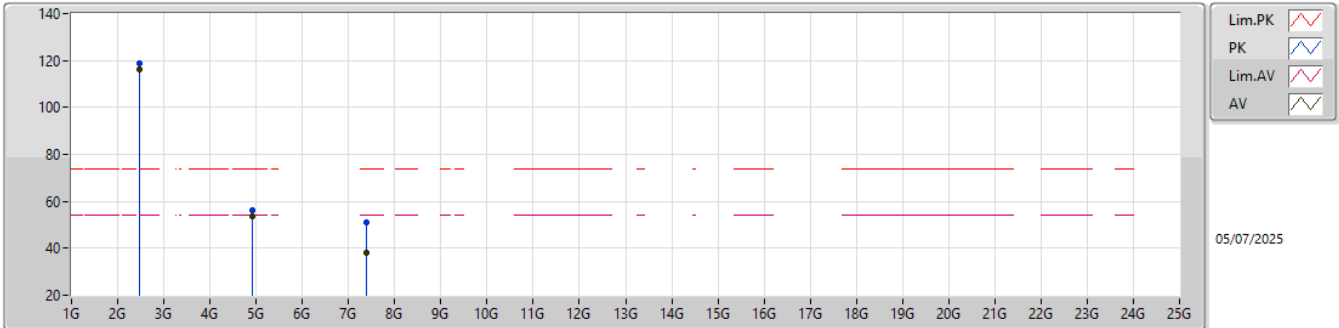
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	2.462G	109.65	Inf	-Inf	113.66	3	Horizontal	27	1.04	-	27.48	5.00	36.49			
PK	2.462G	112.19	Inf	-Inf	116.20	3	Horizontal	27	1.04	-	27.48	5.00	36.49			
AV	4.924G	52.89	54.00	-1.11	53.06	3	Horizontal	309	1.58	-	31.30	6.81	38.28			
PK	4.924G	55.42	74.00	-18.58	55.59	3	Horizontal	309	1.58	-	31.30	6.81	38.28			
AV	7.386G	39.51	54.00	-14.49	34.15	3	Horizontal	307	1.00	-	36.33	8.27	39.24			
PK	7.386G	51.18	74.00	-22.82	45.82	3	Horizontal	307	1.00	-	36.33	8.27	39.24			

2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

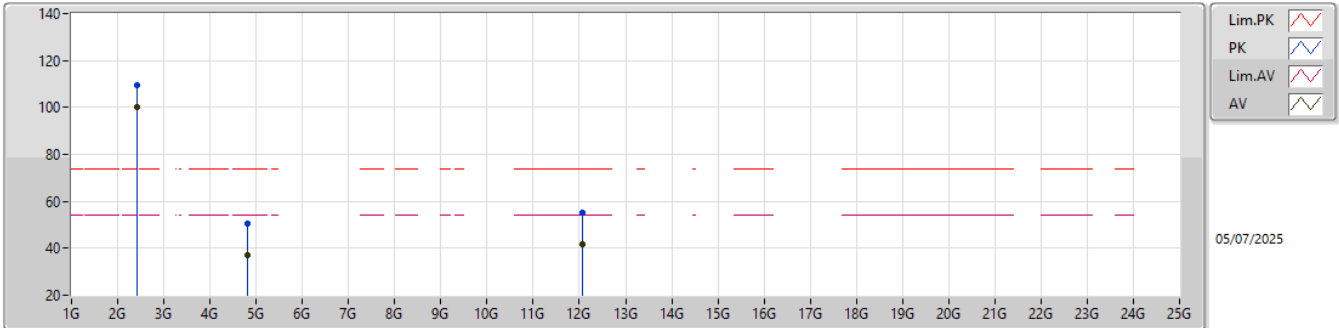
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	2.462G	116.25	Inf	-Inf	120.26	3	Vertical	272	1.79	-	27.48	5.00	36.49			
PK	2.462G	118.78	Inf	-Inf	122.79	3	Vertical	272	1.79	-	27.48	5.00	36.49			
AV	4.924G	53.42	54.00	-0.58	53.59	3	Vertical	298	1.00	-	31.30	6.81	38.28			
PK	4.924G	56.18	74.00	-17.82	56.35	3	Vertical	298	1.00	-	31.30	6.81	38.28			
AV	7.386G	38.00	54.00	-16.00	32.64	3	Vertical	195	1.00	-	36.33	8.27	39.24			
PK	7.386G	51.25	74.00	-22.75	45.89	3	Vertical	195	1.00	-	36.33	8.27	39.24			

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

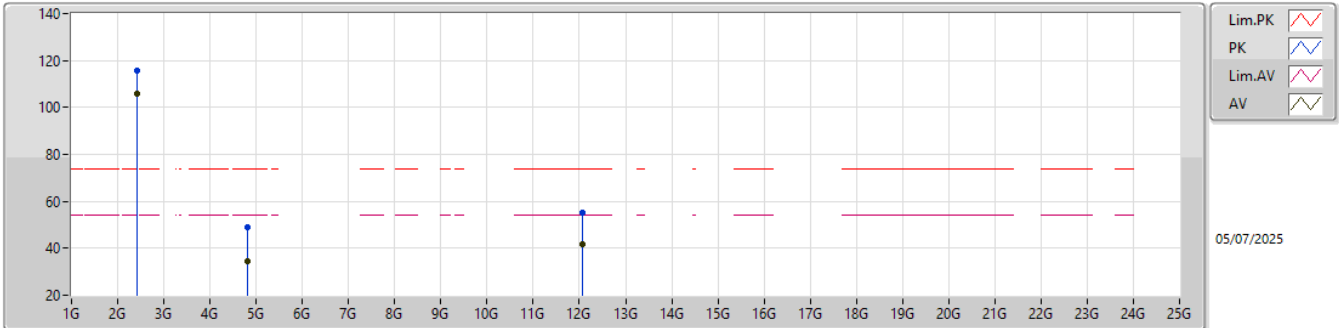
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	2.412G	99.96	Inf	-Inf	103.83	3	Horizontal	122	1.46	-	27.60	4.97	36.44			
PK	2.412G	109.35	Inf	-Inf	113.22	3	Horizontal	122	1.46	-	27.60	4.97	36.44			
AV	4.824G	37.02	54.00	-16.98	37.28	3	Horizontal	314	1.16	-	31.20	6.75	38.21			
PK	4.824G	50.75	74.00	-23.25	51.01	3	Horizontal	314	1.16	-	31.20	6.75	38.21			
AV	12.06G	41.78	54.00	-12.22	34.48	3	Horizontal	41	1.00	-	38.92	10.56	42.18			
PK	12.06G	55.16	74.00	-18.84	47.86	3	Horizontal	41	1.00	-	38.92	10.56	42.18			

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

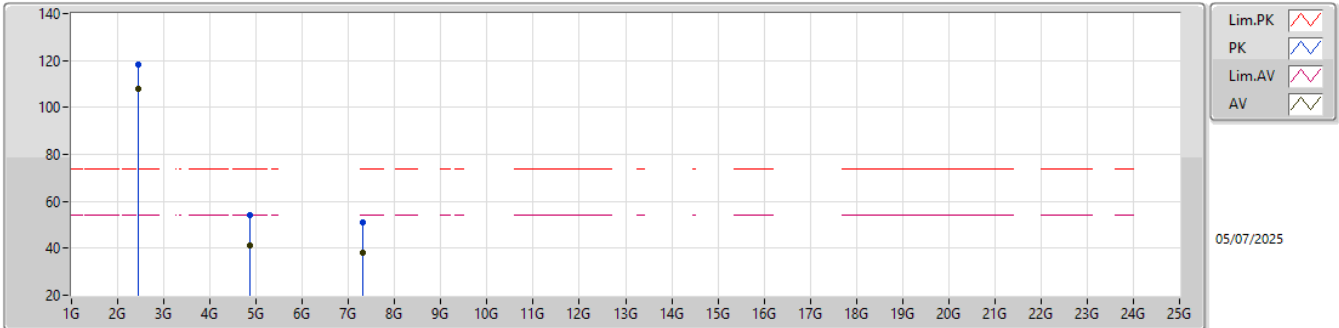
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	2.412G	105.87	Inf	-Inf	109.74	3	Vertical	305	1.89	-	27.60	4.97	36.44			
PK	2.412G	115.84	Inf	-Inf	119.71	3	Vertical	305	1.89	-	27.60	4.97	36.44			
AV	4.824G	34.74	54.00	-19.26	35.00	3	Vertical	242	2.59	-	31.20	6.75	38.21			
PK	4.824G	49.12	74.00	-24.88	49.38	3	Vertical	242	2.59	-	31.20	6.75	38.21			
AV	12.06G	41.71	54.00	-12.29	34.41	3	Vertical	51	1.00	-	38.92	10.56	42.18			
PK	12.06G	54.92	74.00	-19.08	47.62	3	Vertical	51	1.00	-	38.92	10.56	42.18			

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

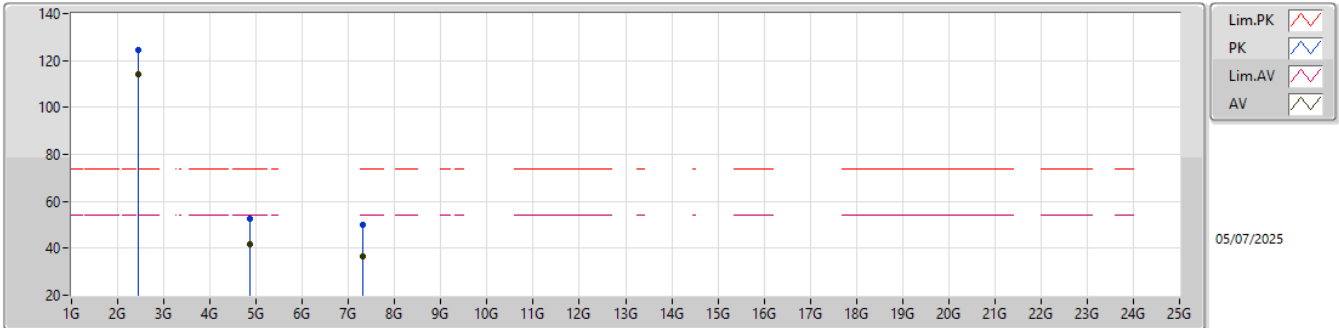
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	2.437G	108.12	Inf	-Inf	112.08	3	Horizontal	125	1.49	-	27.53	4.98	36.47			
PK	2.437G	118.49	Inf	-Inf	122.45	3	Horizontal	125	1.49	-	27.53	4.98	36.47			
AV	4.874G	41.42	54.00	-12.58	41.68	3	Horizontal	316	1.25	-	31.20	6.78	38.24			
PK	4.874G	53.94	74.00	-20.06	54.20	3	Horizontal	316	1.25	-	31.20	6.78	38.24			
AV	7.311G	38.36	54.00	-15.64	32.87	3	Horizontal	305	1.00	-	36.40	8.24	39.15			
PK	7.311G	51.22	74.00	-22.78	45.73	3	Horizontal	305	1.00	-	36.40	8.24	39.15			

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

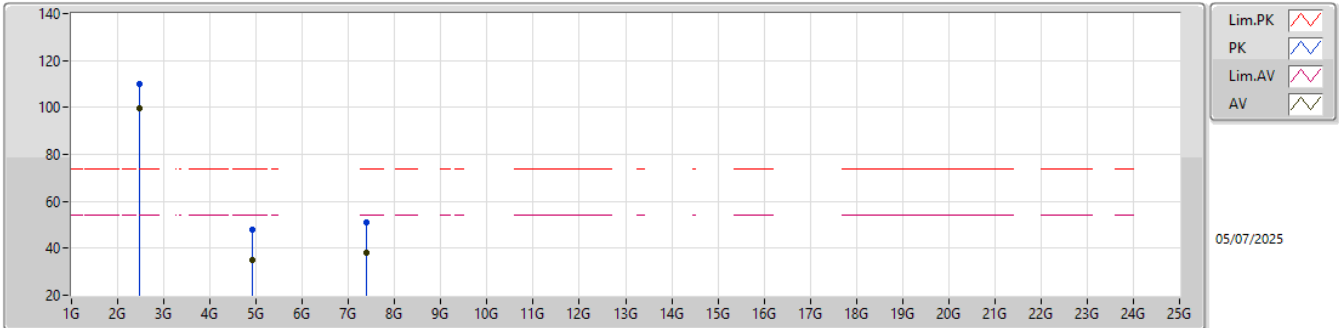
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	2.437G	114.09	Inf	-Inf	118.05	3	Vertical	306	1.74	-	27.53	4.98	36.47			
PK	2.437G	124.56	Inf	-Inf	128.52	3	Vertical	306	1.74	-	27.53	4.98	36.47			
AV	4.874G	41.52	54.00	-12.48	41.78	3	Vertical	243	2.59	-	31.20	6.78	38.24			
PK	4.874G	52.83	74.00	-21.17	53.09	3	Vertical	243	2.59	-	31.20	6.78	38.24			
AV	7.311G	36.72	54.00	-17.28	31.23	3	Vertical	28	1.00	-	36.40	8.24	39.15			
PK	7.311G	49.76	74.00	-24.24	44.27	3	Vertical	28	1.00	-	36.40	8.24	39.15			

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

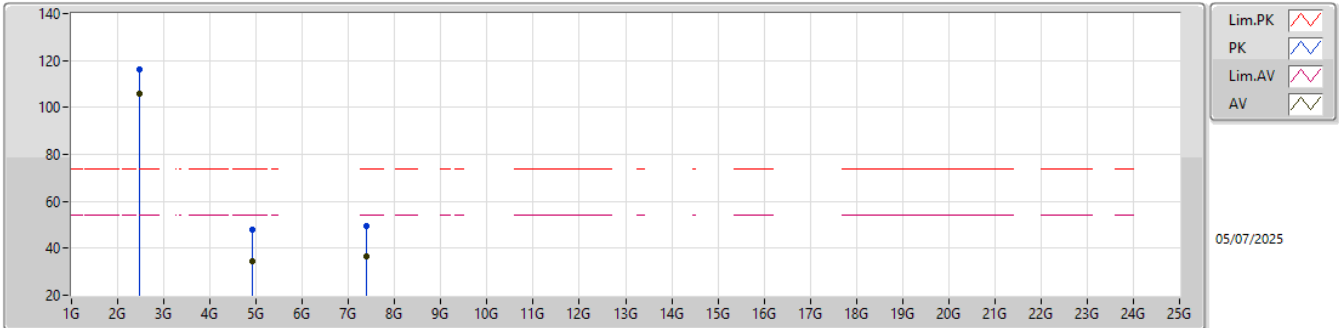
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	2.462G	99.62	Inf	-Inf	103.63	3	Horizontal	128	1.44	-	27.48	5.00	36.49			
PK	2.462G	110.25	Inf	-Inf	114.26	3	Horizontal	128	1.44	-	27.48	5.00	36.49			
AV	4.924G	35.11	54.00	-18.89	35.28	3	Horizontal	312	1.10	-	31.30	6.81	38.28			
PK	4.924G	47.86	74.00	-26.14	48.03	3	Horizontal	312	1.10	-	31.30	6.81	38.28			
AV	7.386G	38.06	54.00	-15.94	32.70	3	Horizontal	316	1.00	-	36.33	8.27	39.24			
PK	7.386G	51.14	74.00	-22.86	45.78	3	Horizontal	316	1.00	-	36.33	8.27	39.24			

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

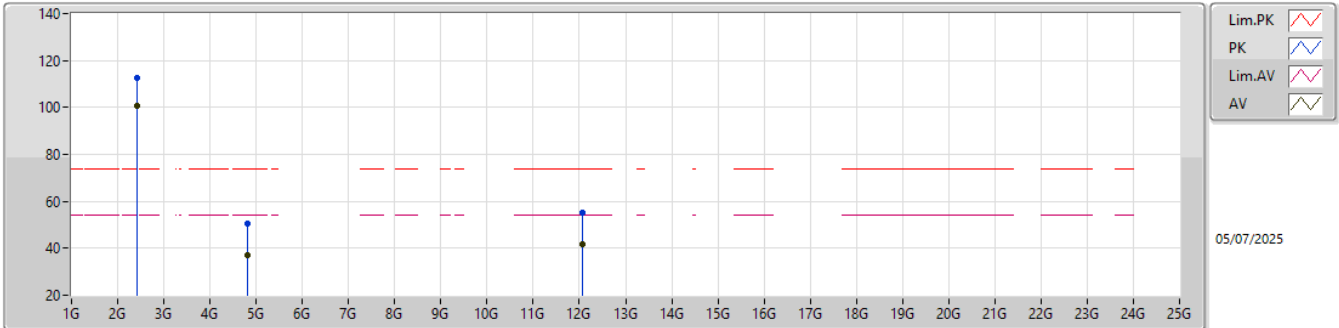
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	2.462G	105.71	Inf	-Inf	109.72	3	Vertical	274	1.73	-	27.48	5.00	36.49			
PK	2.462G	116.34	Inf	-Inf	120.35	3	Vertical	274	1.73	-	27.48	5.00	36.49			
AV	4.924G	34.26	54.00	-19.74	34.43	3	Vertical	249	2.65	-	31.30	6.81	38.28			
PK	4.924G	48.04	74.00	-25.96	48.21	3	Vertical	249	2.65	-	31.30	6.81	38.28			
AV	7.386G	36.56	54.00	-17.44	31.20	3	Vertical	51	1.00	-	36.33	8.27	39.24			
PK	7.386G	49.62	74.00	-24.38	44.26	3	Vertical	51	1.00	-	36.33	8.27	39.24			

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

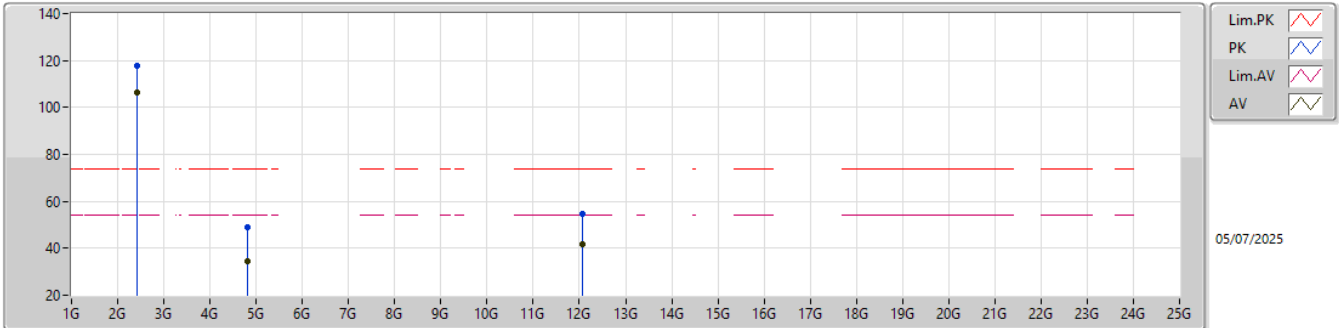
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	2.412G	100.85	Inf	-Inf	104.72	3	Horizontal	124	1.45	-	27.60	4.97	36.44			
PK	2.412G	112.64	Inf	-Inf	116.51	3	Horizontal	124	1.45	-	27.60	4.97	36.44			
AV	4.824G	36.93	54.00	-17.07	37.19	3	Horizontal	311	1.15	-	31.20	6.75	38.21			
PK	4.824G	50.68	74.00	-23.32	50.94	3	Horizontal	311	1.15	-	31.20	6.75	38.21			
AV	12.06G	41.75	54.00	-12.25	34.45	3	Horizontal	45	1.00	-	38.92	10.56	42.18			
PK	12.06G	55.11	74.00	-18.89	47.81	3	Horizontal	45	1.00	-	38.92	10.56	42.18			

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

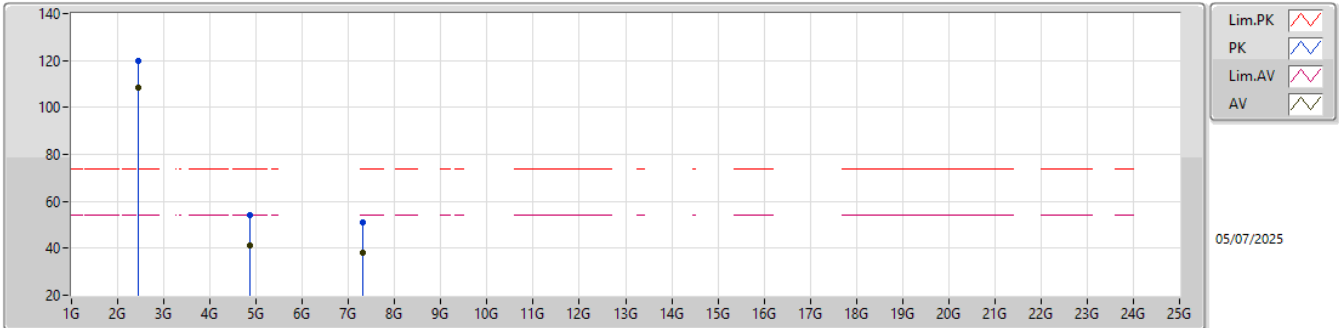
2412MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	2.412G	106.18	Inf	-Inf	110.05	3	Vertical	261	1.89	-	27.60	4.97	36.44			
PK	2.412G	117.91	Inf	-Inf	121.78	3	Vertical	261	1.89	-	27.60	4.97	36.44			
AV	4.824G	34.66	54.00	-19.34	34.92	3	Vertical	249	2.62	-	31.20	6.75	38.21			
PK	4.824G	49.05	74.00	-24.95	49.31	3	Vertical	249	2.62	-	31.20	6.75	38.21			
AV	12.06G	41.66	54.00	-12.34	34.36	3	Vertical	55	1.00	-	38.92	10.56	42.18			
PK	12.06G	54.86	74.00	-19.14	47.56	3	Vertical	55	1.00	-	38.92	10.56	42.18			

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

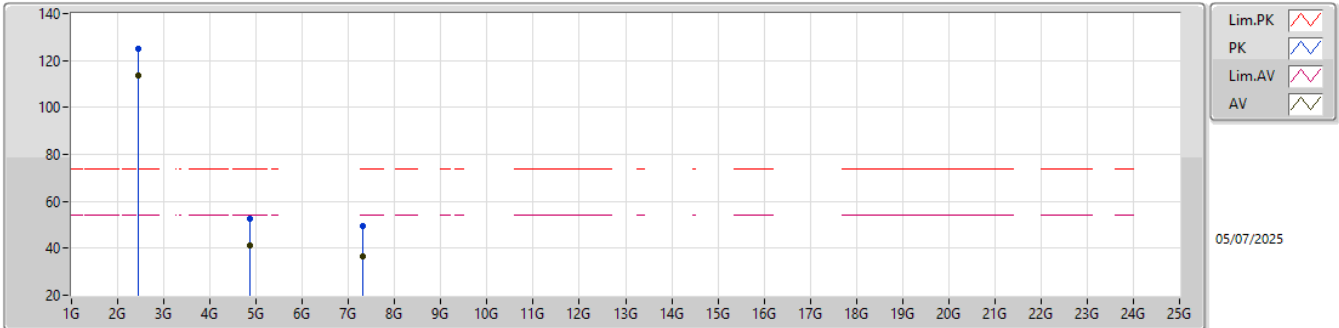
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	2.437G	108.63	Inf	-Inf	112.59	3	Horizontal	120	1.94	-	27.53	4.98	36.47			
PK	2.437G	119.60	Inf	-Inf	123.56	3	Horizontal	120	1.94	-	27.53	4.98	36.47			
AV	4.874G	41.31	54.00	-12.69	41.57	3	Horizontal	314	1.22	-	31.20	6.78	38.24			
PK	4.874G	53.88	74.00	-20.12	54.14	3	Horizontal	314	1.22	-	31.20	6.78	38.24			
AV	7.311G	38.24	54.00	-15.76	32.75	3	Horizontal	302	1.00	-	36.40	8.24	39.15			
PK	7.311G	51.13	74.00	-22.87	45.64	3	Horizontal	302	1.00	-	36.40	8.24	39.15			

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

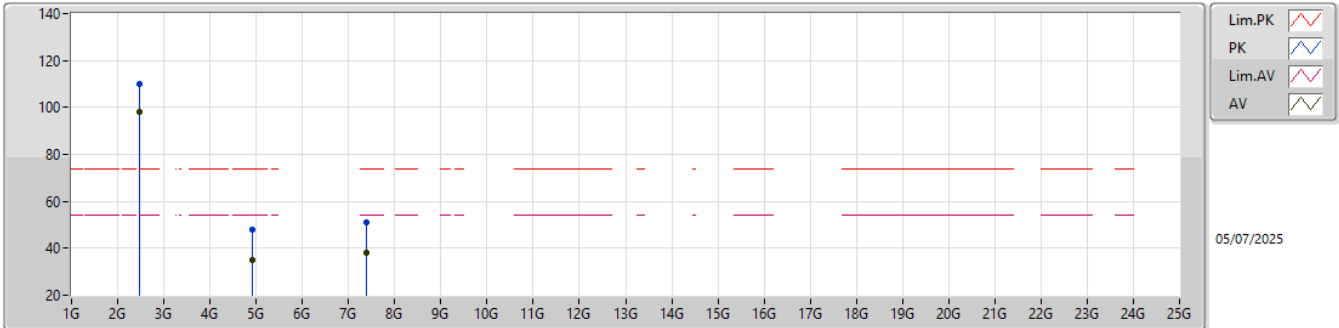
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	2.437G	113.69	Inf	-Inf	117.65	3	Vertical	267	1.68	-	27.53	4.98	36.47			
PK	2.437G	125.14	Inf	-Inf	129.10	3	Vertical	267	1.68	-	27.53	4.98	36.47			
AV	4.874G	41.45	54.00	-12.55	41.71	3	Vertical	241	2.61	-	31.20	6.78	38.24			
PK	4.874G	52.77	74.00	-21.23	53.03	3	Vertical	241	2.61	-	31.20	6.78	38.24			
AV	7.311G	36.65	54.00	-17.35	31.16	3	Vertical	25	1.00	-	36.40	8.24	39.15			
PK	7.311G	49.70	74.00	-24.30	44.21	3	Vertical	25	1.00	-	36.40	8.24	39.15			

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

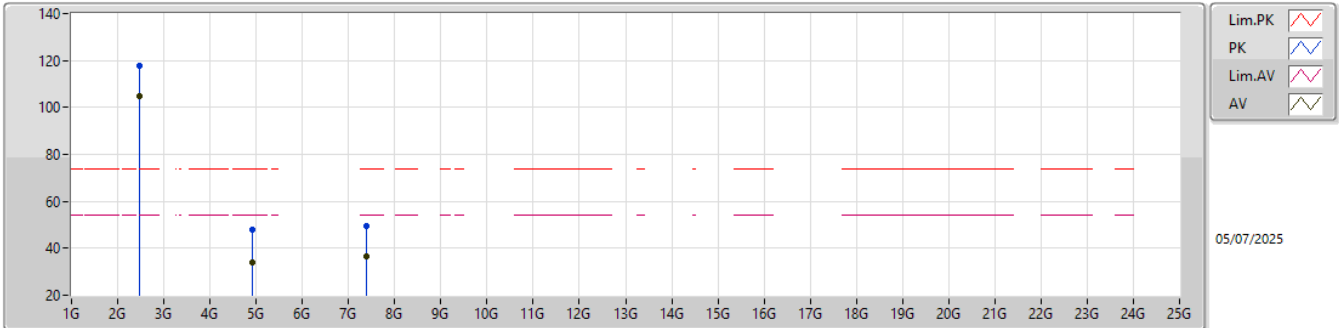
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	2.462G	98.18	Inf	-Inf	102.19	3	Horizontal	129	1.43	-	27.48	5.00	36.49			
PK	2.462G	110.01	Inf	-Inf	114.02	3	Horizontal	129	1.43	-	27.48	5.00	36.49			
AV	4.924G	35.03	54.00	-18.97	35.20	3	Horizontal	313	1.09	-	31.30	6.81	38.28			
PK	4.924G	47.78	74.00	-26.22	47.95	3	Horizontal	313	1.09	-	31.30	6.81	38.28			
AV	7.386G	37.95	54.00	-16.05	32.59	3	Horizontal	309	1.00	-	36.33	8.27	39.24			
PK	7.386G	51.02	74.00	-22.98	45.66	3	Horizontal	309	1.00	-	36.33	8.27	39.24			

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

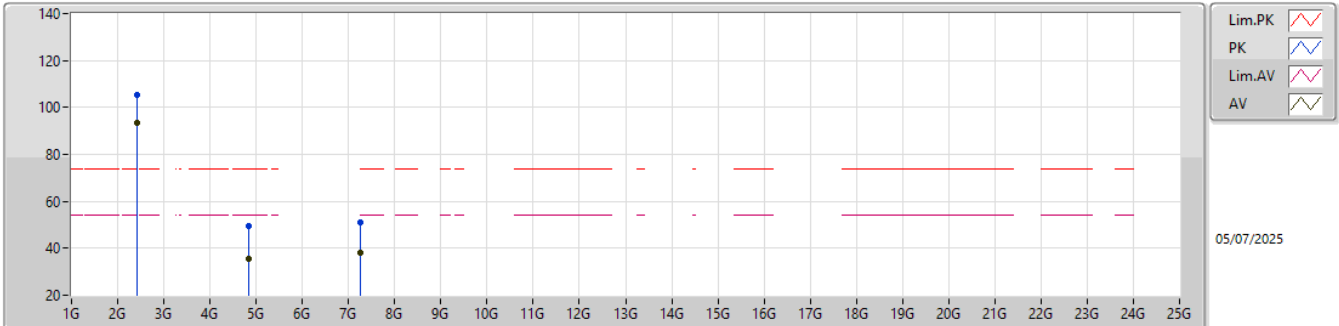
2462MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	2.462G	104.71	Inf	-Inf	108.72	3	Vertical	280	1.57	-	27.48	5.00	36.49			
PK	2.462G	117.79	Inf	-Inf	121.80	3	Vertical	280	1.57	-	27.48	5.00	36.49			
AV	4.924G	34.21	54.00	-19.79	34.38	3	Vertical	248	2.63	-	31.30	6.81	38.28			
PK	4.924G	48.00	74.00	-26.00	48.17	3	Vertical	248	2.63	-	31.30	6.81	38.28			
AV	7.386G	36.52	54.00	-17.48	31.16	3	Vertical	44	1.00	-	36.33	8.27	39.24			
PK	7.386G	49.58	74.00	-24.42	44.22	3	Vertical	44	1.00	-	36.33	8.27	39.24			

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

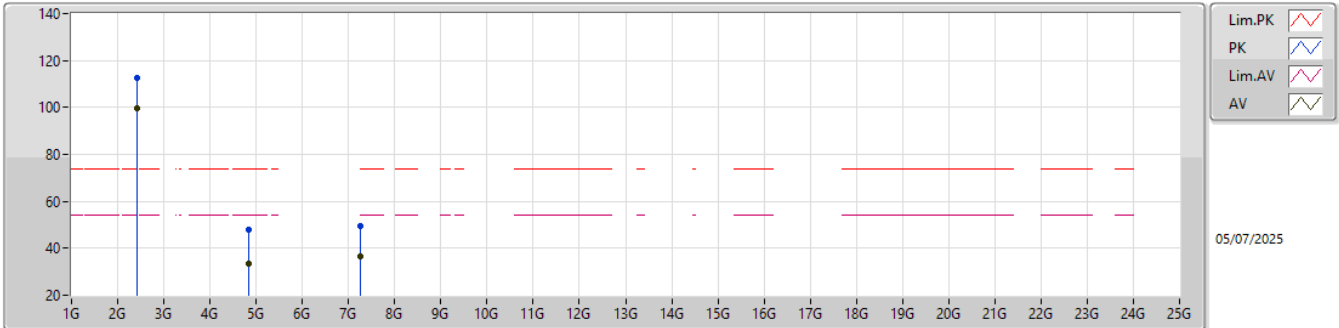
2422MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	2.422G	93.59	Inf	-Inf	97.47	3	Horizontal	124	1.26	-	27.60	4.97	36.45			
PK	2.422G	105.45	Inf	-Inf	109.33	3	Horizontal	124	1.26	-	27.60	4.97	36.45			
AV	4.844G	35.45	54.00	-18.55	35.71	3	Horizontal	305	1.14	-	31.20	6.76	38.22			
PK	4.844G	49.56	74.00	-24.44	49.82	3	Horizontal	305	1.14	-	31.20	6.76	38.22			
AV	7.266G	38.15	54.00	-15.85	32.62	3	Horizontal	307	1.00	-	36.40	8.23	39.10			
PK	7.266G	51.09	74.00	-22.91	45.56	3	Horizontal	307	1.00	-	36.40	8.23	39.10			

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

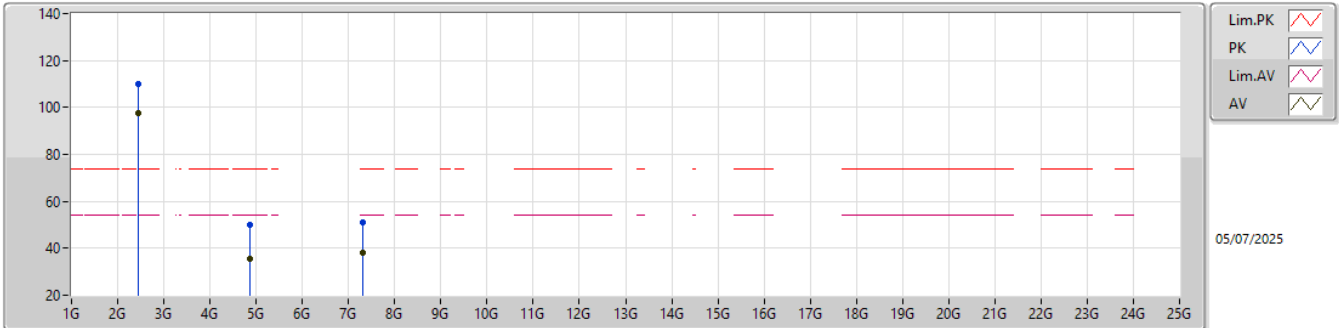
2422MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	2.422G	99.85	Inf	-Inf	103.73	3	Vertical	309	1.85	-	27.60	4.97	36.45			
PK	2.422G	112.33	Inf	-Inf	116.21	3	Vertical	309	1.85	-	27.60	4.97	36.45			
AV	4.844G	33.52	54.00	-20.48	33.78	3	Vertical	251	2.66	-	31.20	6.76	38.22			
PK	4.844G	48.06	74.00	-25.94	48.32	3	Vertical	251	2.66	-	31.20	6.76	38.22			
AV	7.266G	36.58	54.00	-17.42	31.05	3	Vertical	22	1.00	-	36.40	8.23	39.10			
PK	7.266G	49.64	74.00	-24.36	44.11	3	Vertical	22	1.00	-	36.40	8.23	39.10			

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

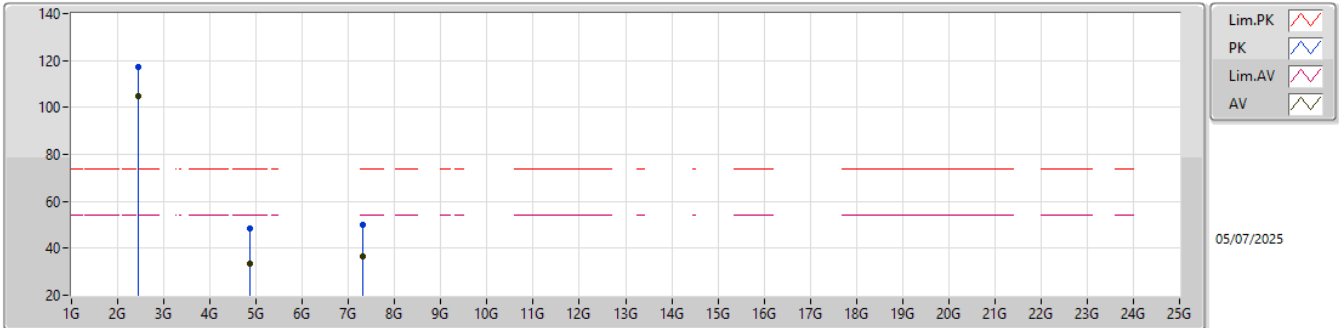
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	2.437G	97.82	Inf	-Inf	101.78	3	Horizontal	120	1.04	-	27.53	4.98	36.47			
PK	2.437G	110.11	Inf	-Inf	114.07	3	Horizontal	120	1.04	-	27.53	4.98	36.47			
AV	4.874G	35.66	54.00	-18.34	35.92	3	Horizontal	309	1.12	-	31.20	6.78	38.24			
PK	4.874G	49.82	74.00	-24.18	50.08	3	Horizontal	309	1.12	-	31.20	6.78	38.24			
AV	7.311G	38.24	54.00	-15.76	32.75	3	Horizontal	311	1.00	-	36.40	8.24	39.15			
PK	7.311G	51.22	74.00	-22.78	45.73	3	Horizontal	311	1.00	-	36.40	8.24	39.15			

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

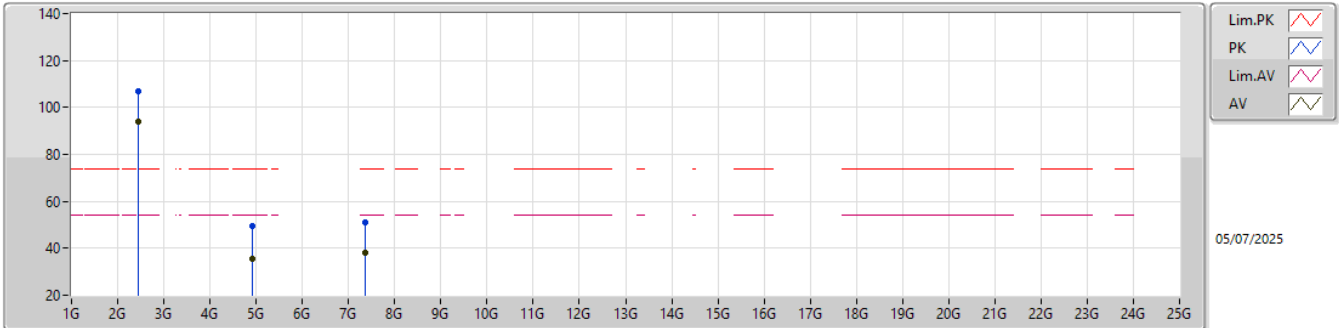
2437MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	2.437G	105.08	Inf	-Inf	109.04	3	Vertical	263	1.85	-	27.53	4.98	36.47			
PK	2.437G	117.12	Inf	-Inf	121.08	3	Vertical	263	1.85	-	27.53	4.98	36.47			
AV	4.874G	33.69	54.00	-20.31	33.95	3	Vertical	258	2.62	-	31.20	6.78	38.24			
PK	4.874G	48.21	74.00	-25.79	48.47	3	Vertical	258	2.62	-	31.20	6.78	38.24			
AV	7.311G	36.67	54.00	-17.33	31.18	3	Vertical	36	1.00	-	36.40	8.24	39.15			
PK	7.311G	49.85	74.00	-24.15	44.36	3	Vertical	36	1.00	-	36.40	8.24	39.15			

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

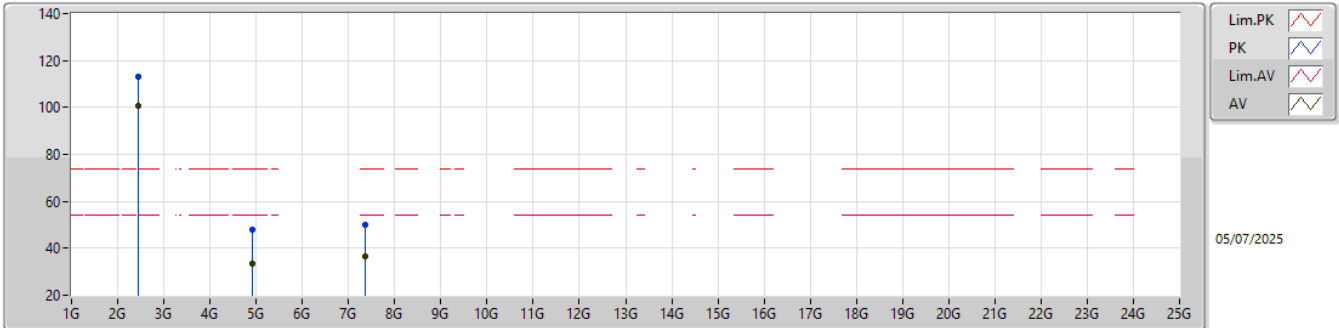
2452MHz_TX



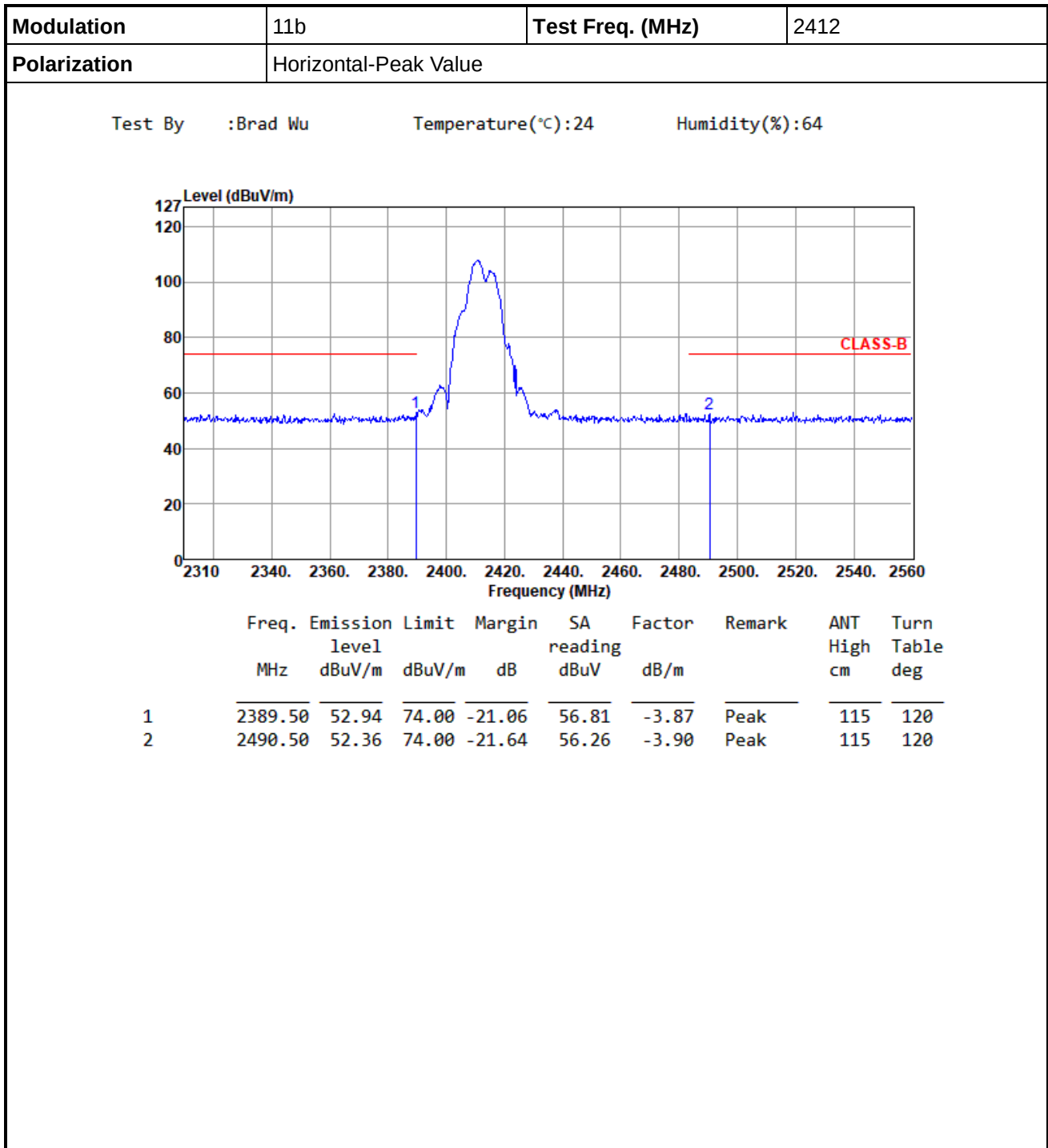
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	2.452G	94.14	Inf	-Inf	98.13	3	Horizontal	129	1.28	-	27.50	4.99	36.48			
PK	2.452G	106.96	Inf	-Inf	110.95	3	Horizontal	129	1.28	-	27.50	4.99	36.48			
AV	4.904G	35.46	54.00	-18.54	35.70	3	Horizontal	315	1.11	-	31.22	6.80	38.26			
PK	4.904G	49.56	74.00	-24.44	49.80	3	Horizontal	315	1.11	-	31.22	6.80	38.26			
AV	7.356G	38.16	54.00	-15.84	32.72	3	Horizontal	302	1.00	-	36.39	8.26	39.21			
PK	7.356G	51.15	74.00	-22.85	45.71	3	Horizontal	302	1.00	-	36.39	8.26	39.21			

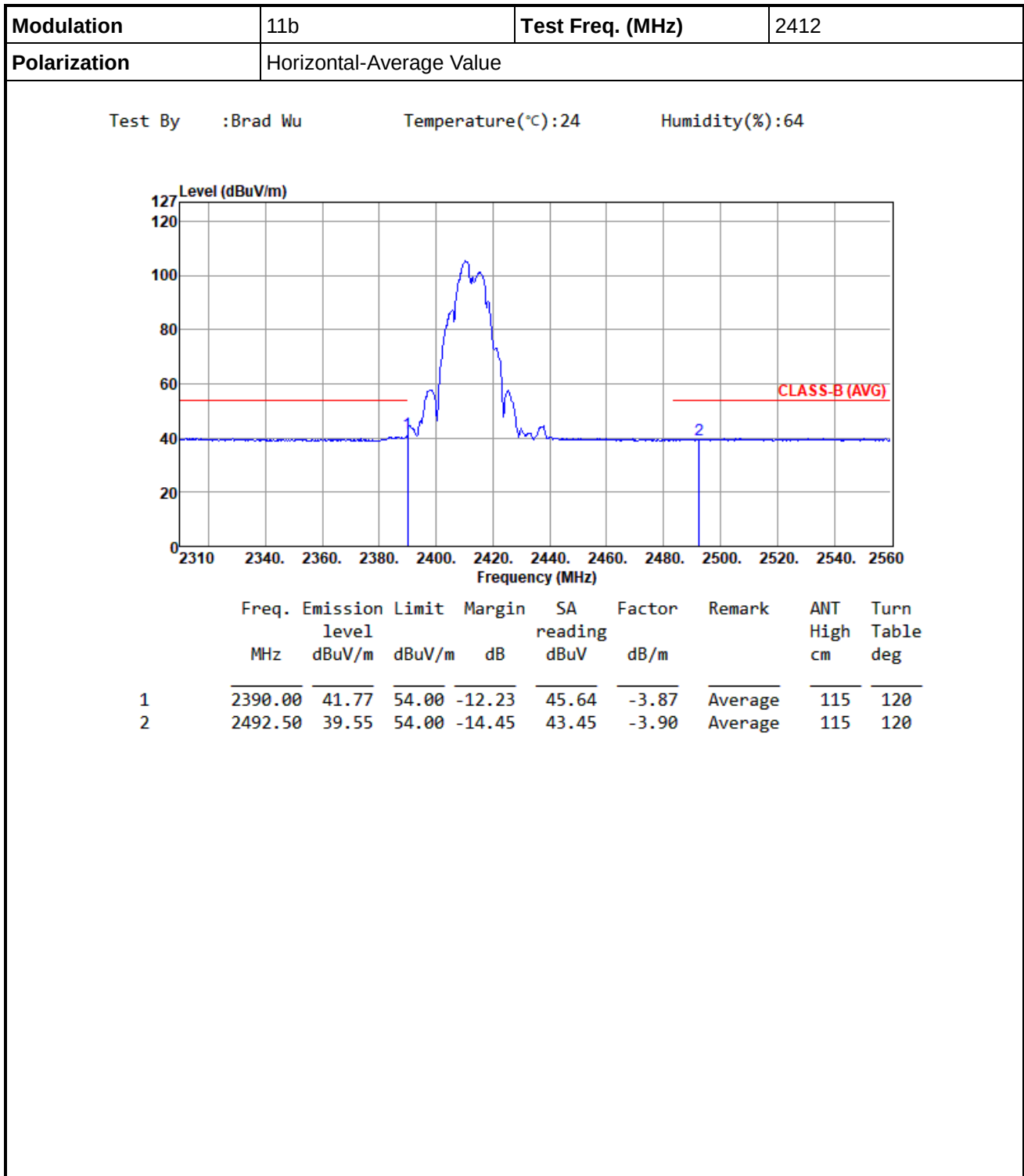
2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

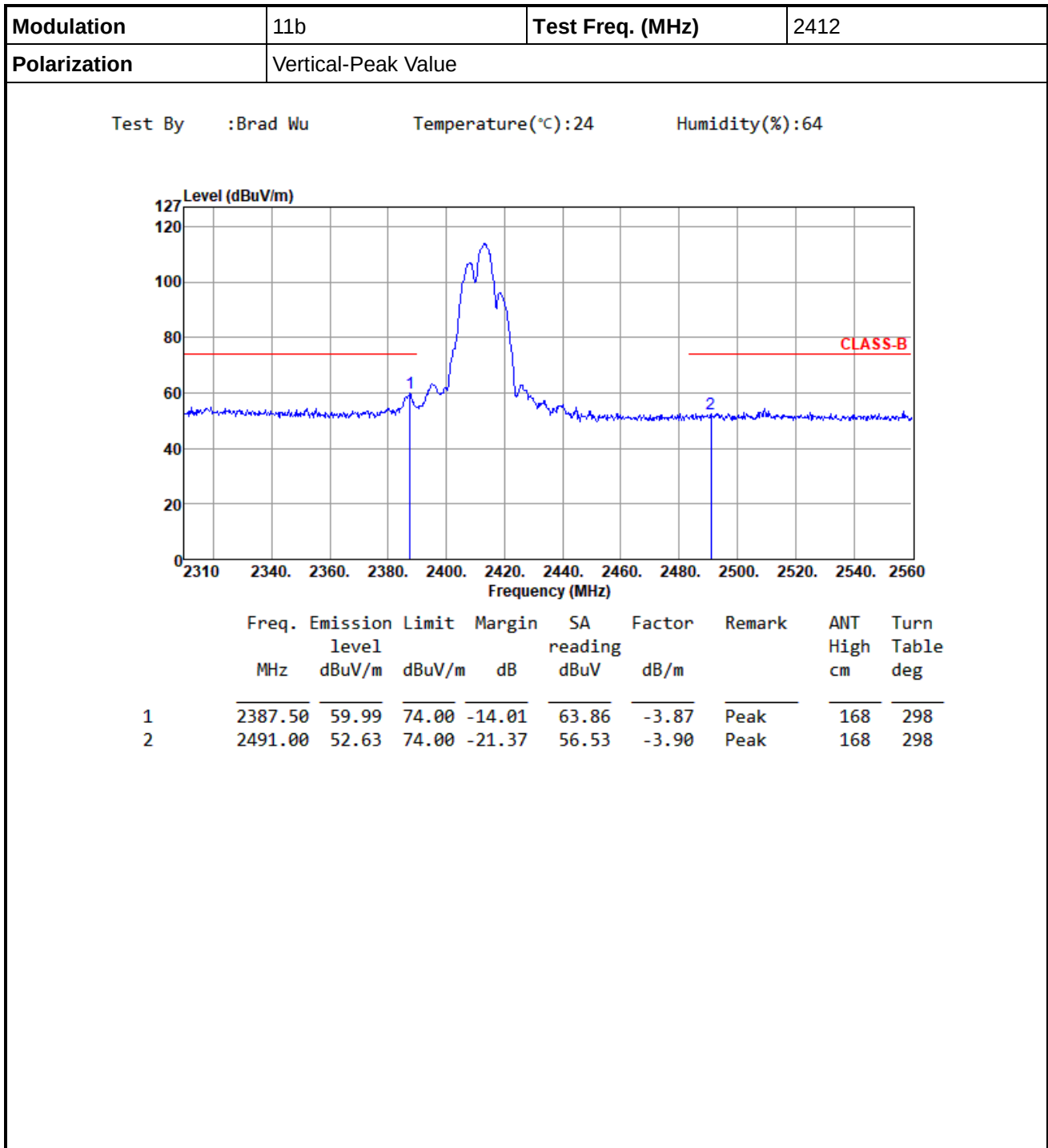
2452MHz_TX

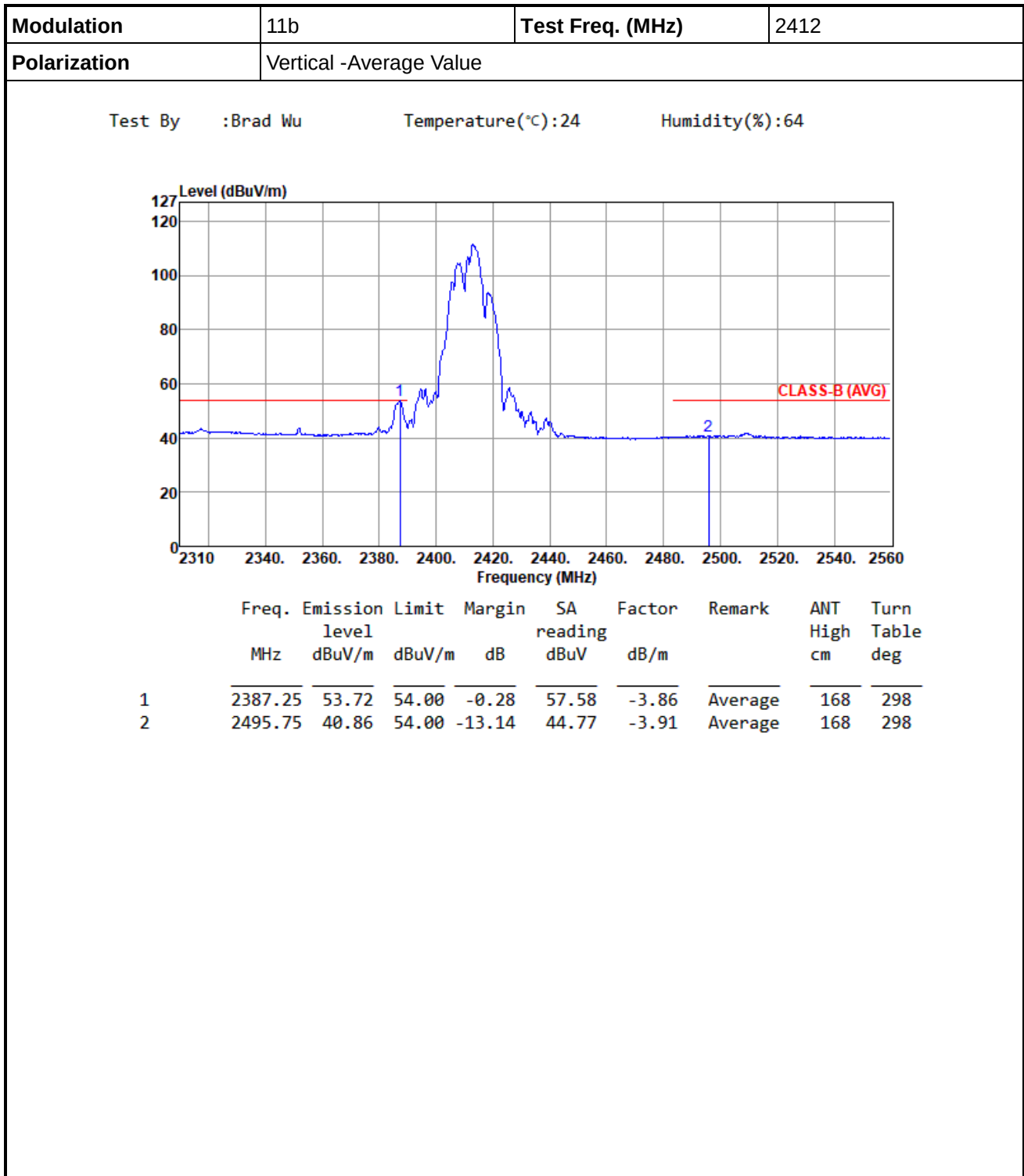


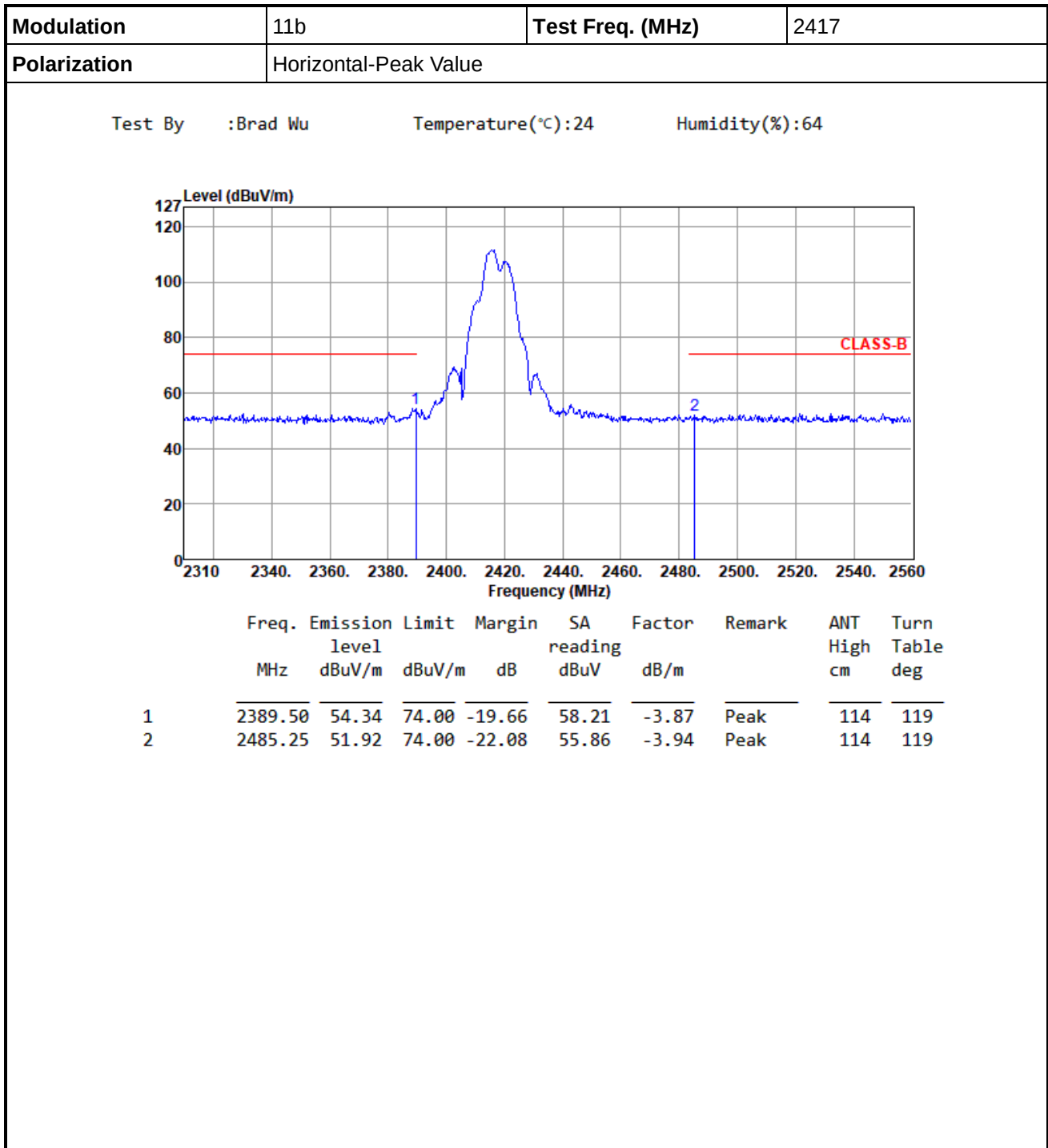
Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Raw (dBuV)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	AF (dB/m)	CL (dB)	PA (dB)			
AV	2.452G	100.67	Inf	-Inf	104.66	3	Vertical	264	1.57	-	27.50	4.99	36.48			
PK	2.452G	113.23	Inf	-Inf	117.22	3	Vertical	264	1.57	-	27.50	4.99	36.48			
AV	4.904G	33.52	54.00	-20.48	33.76	3	Vertical	255	2.69	-	31.22	6.80	38.26			
PK	4.904G	48.16	74.00	-25.84	48.40	3	Vertical	255	2.69	-	31.22	6.80	38.26			
AV	7.356G	36.58	54.00	-17.42	31.14	3	Vertical	45	1.00	-	36.39	8.26	39.21			
PK	7.356G	49.77	74.00	-24.23	44.33	3	Vertical	45	1.00	-	36.39	8.26	39.21			

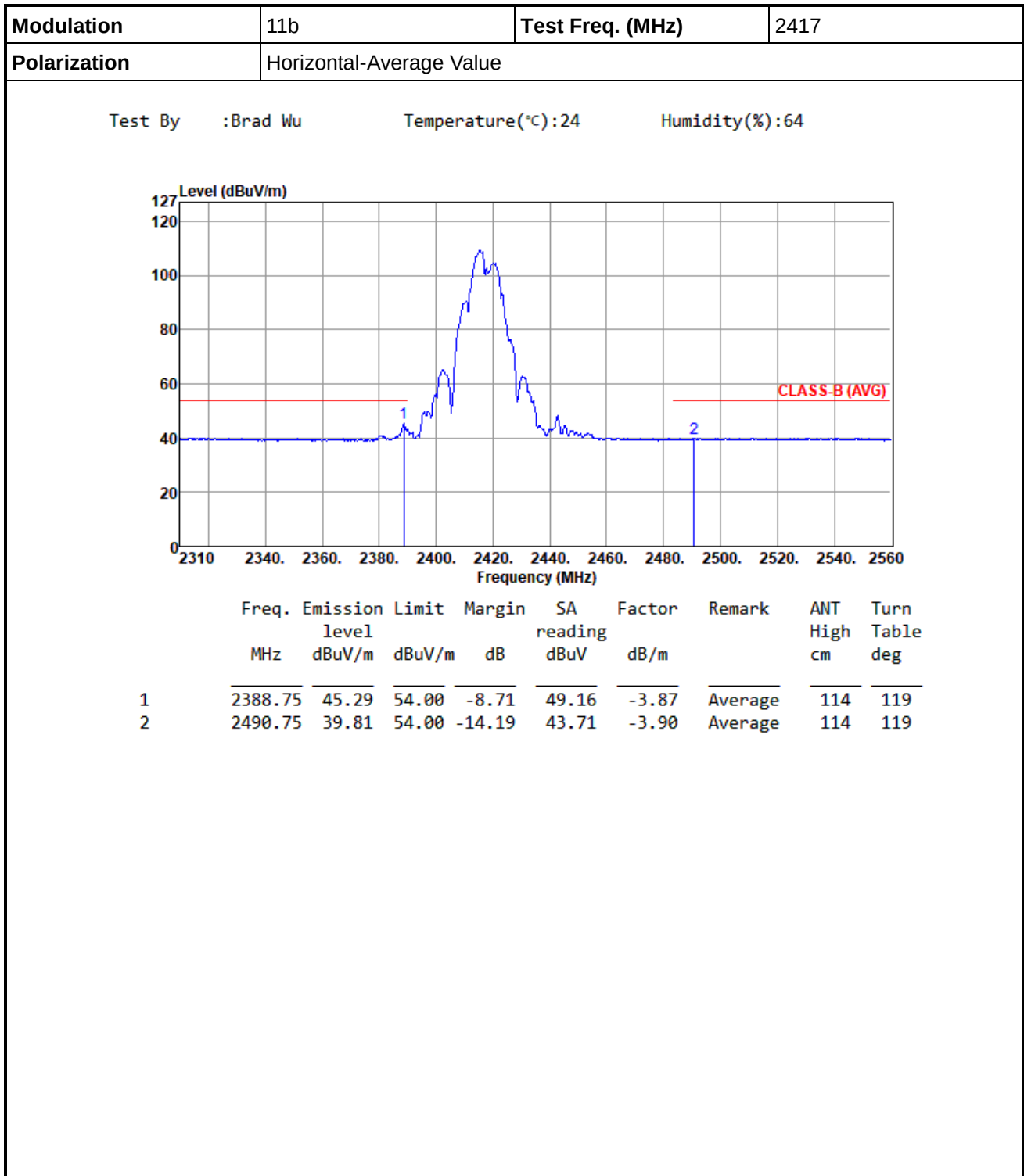


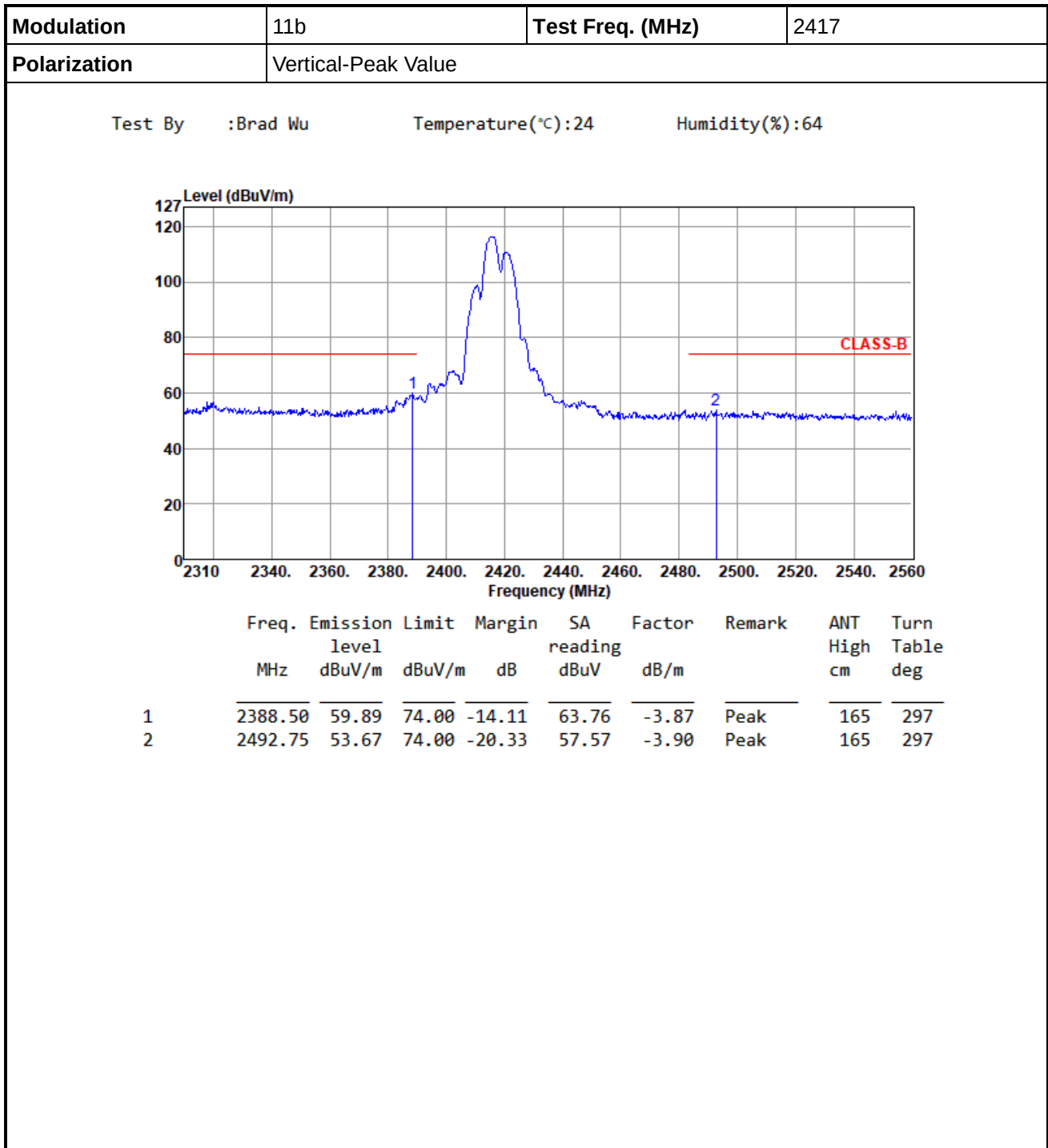








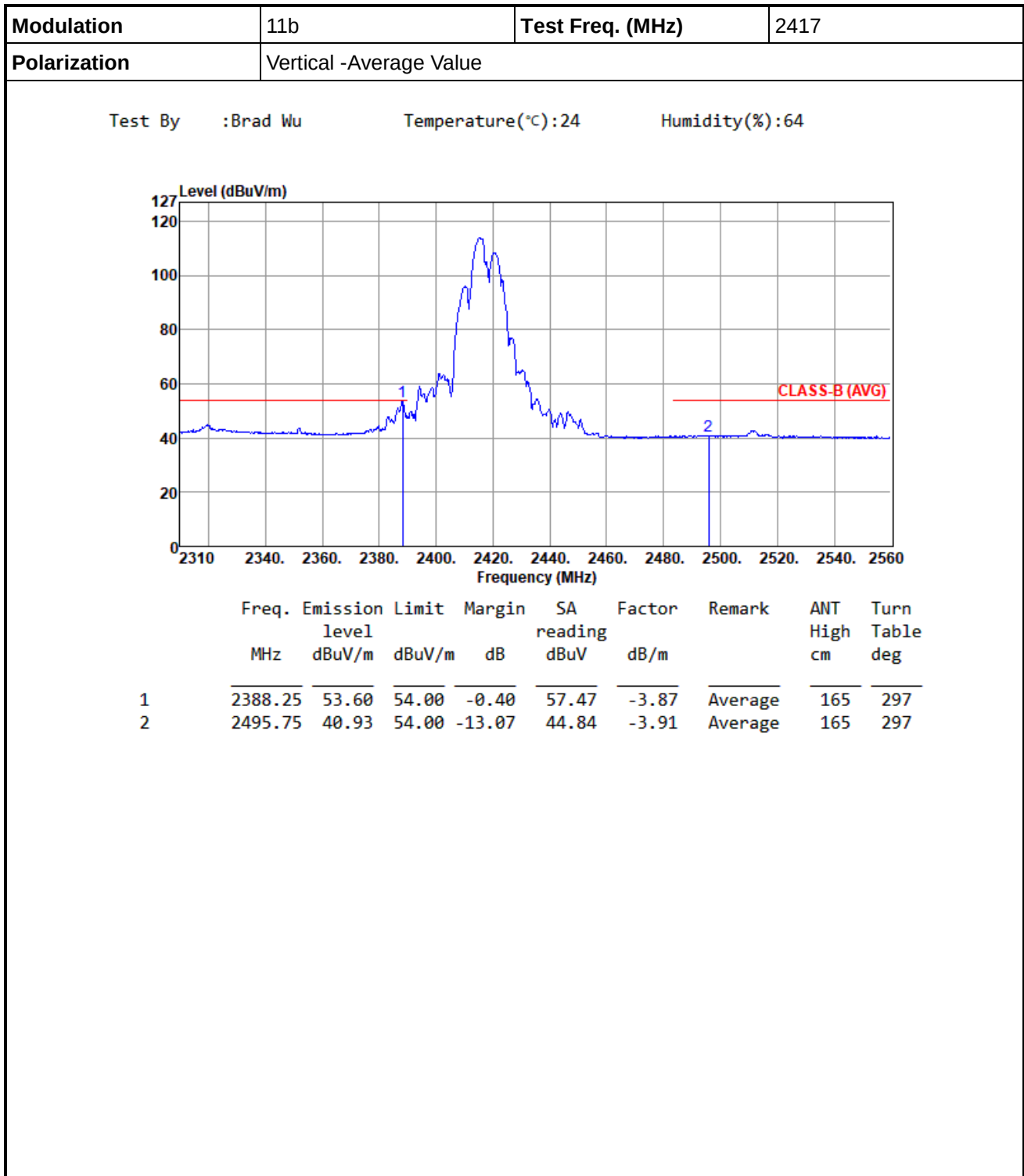


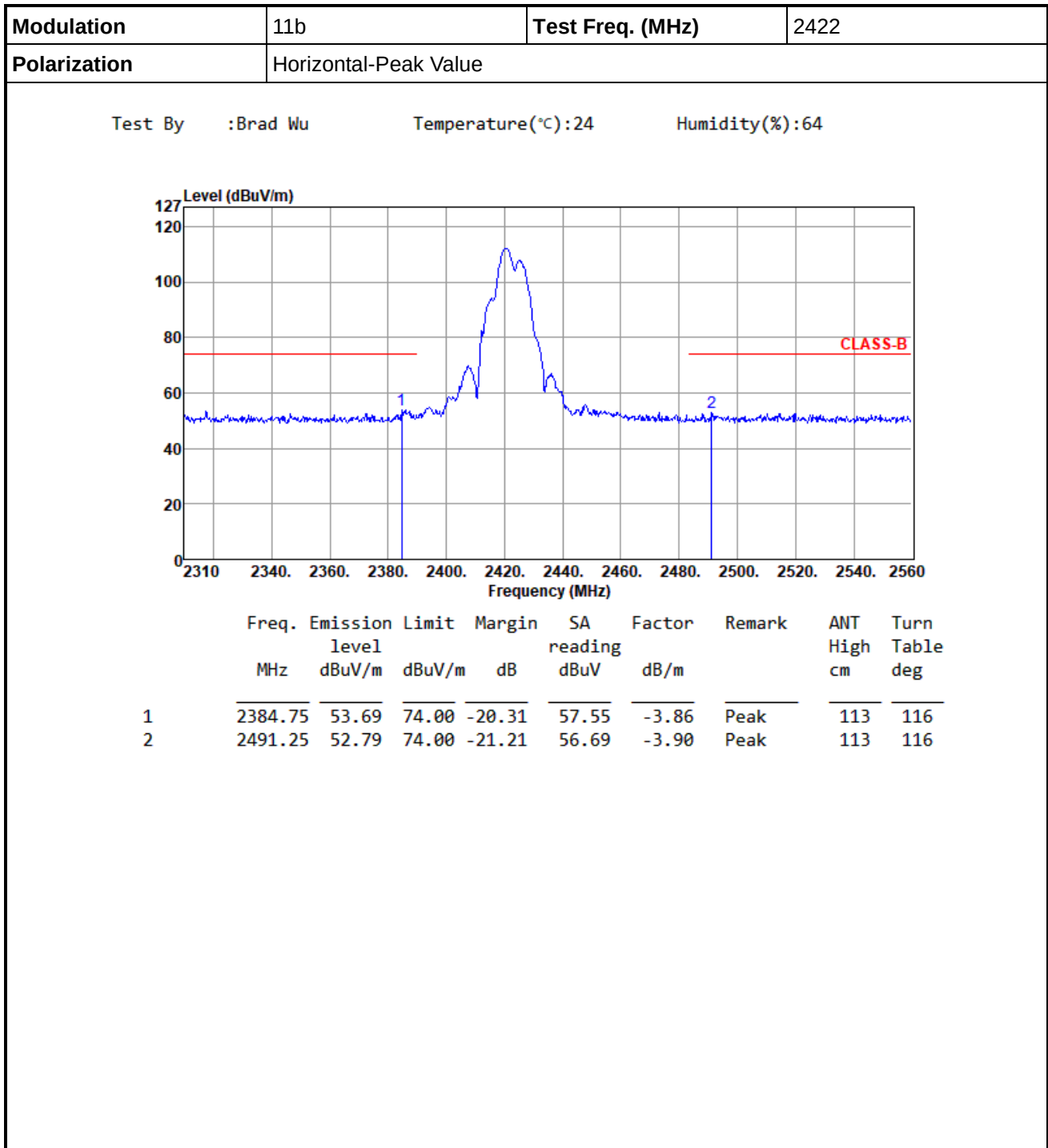


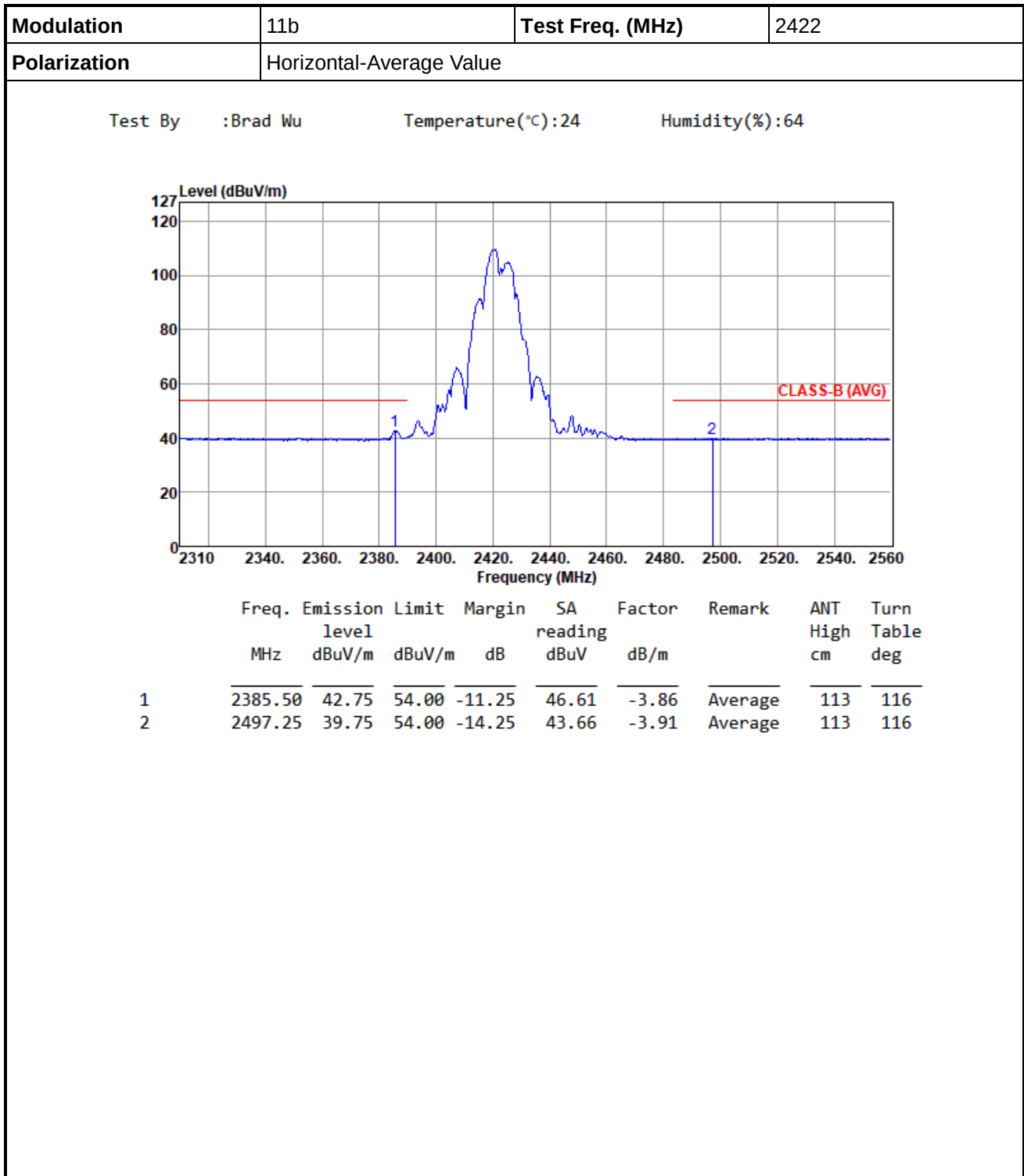


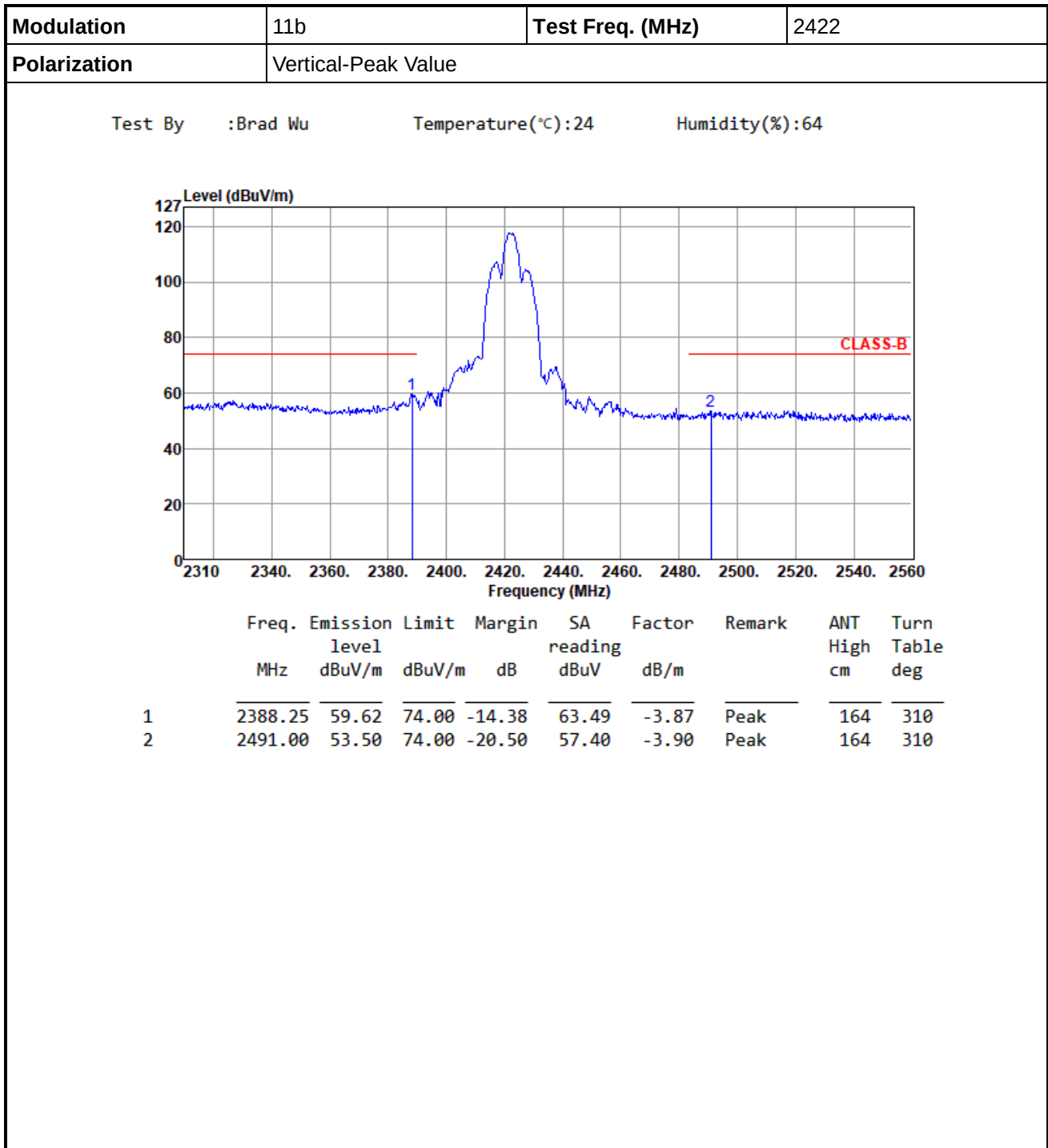
Band Edge measurement

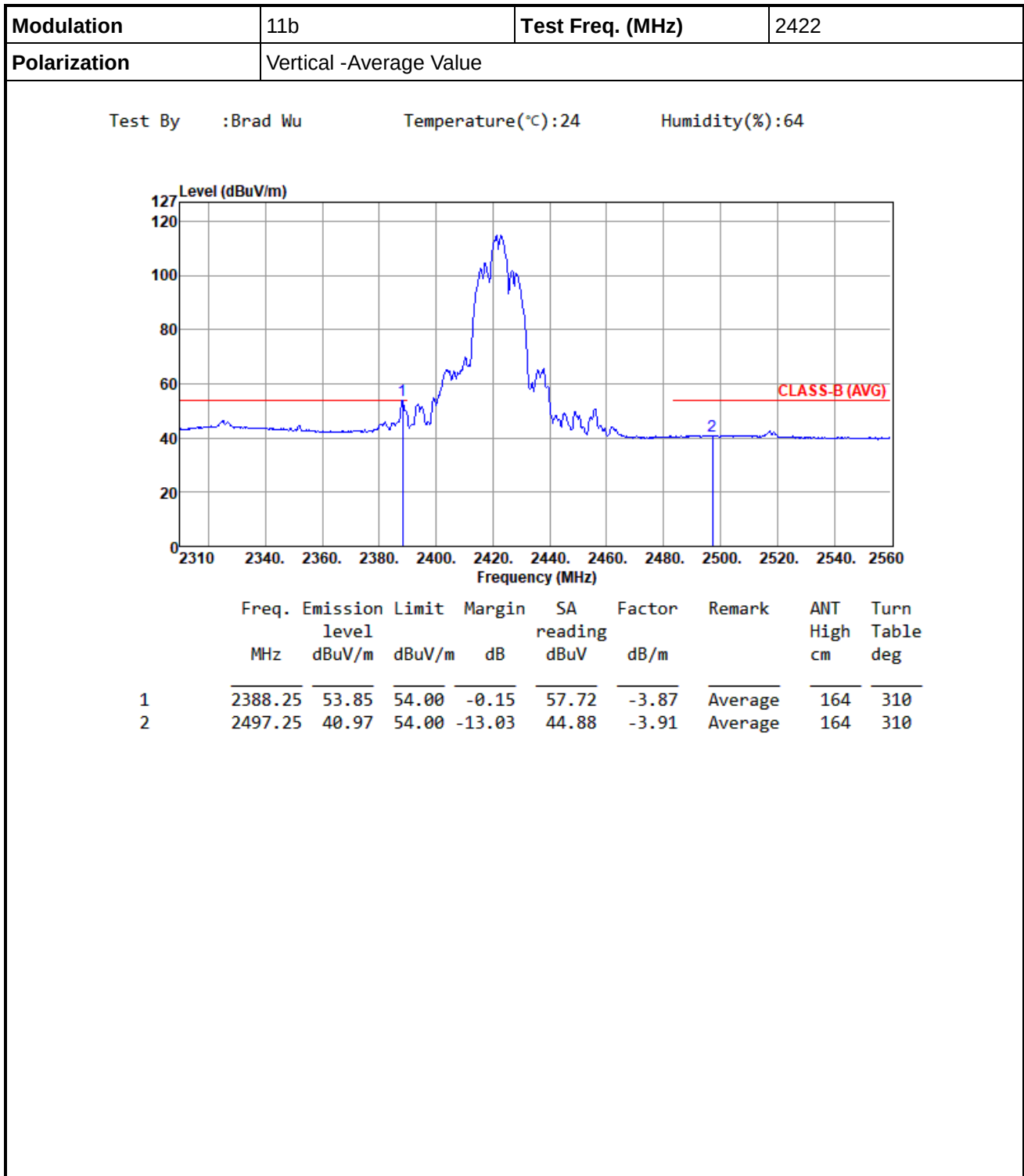
Appendix D.3

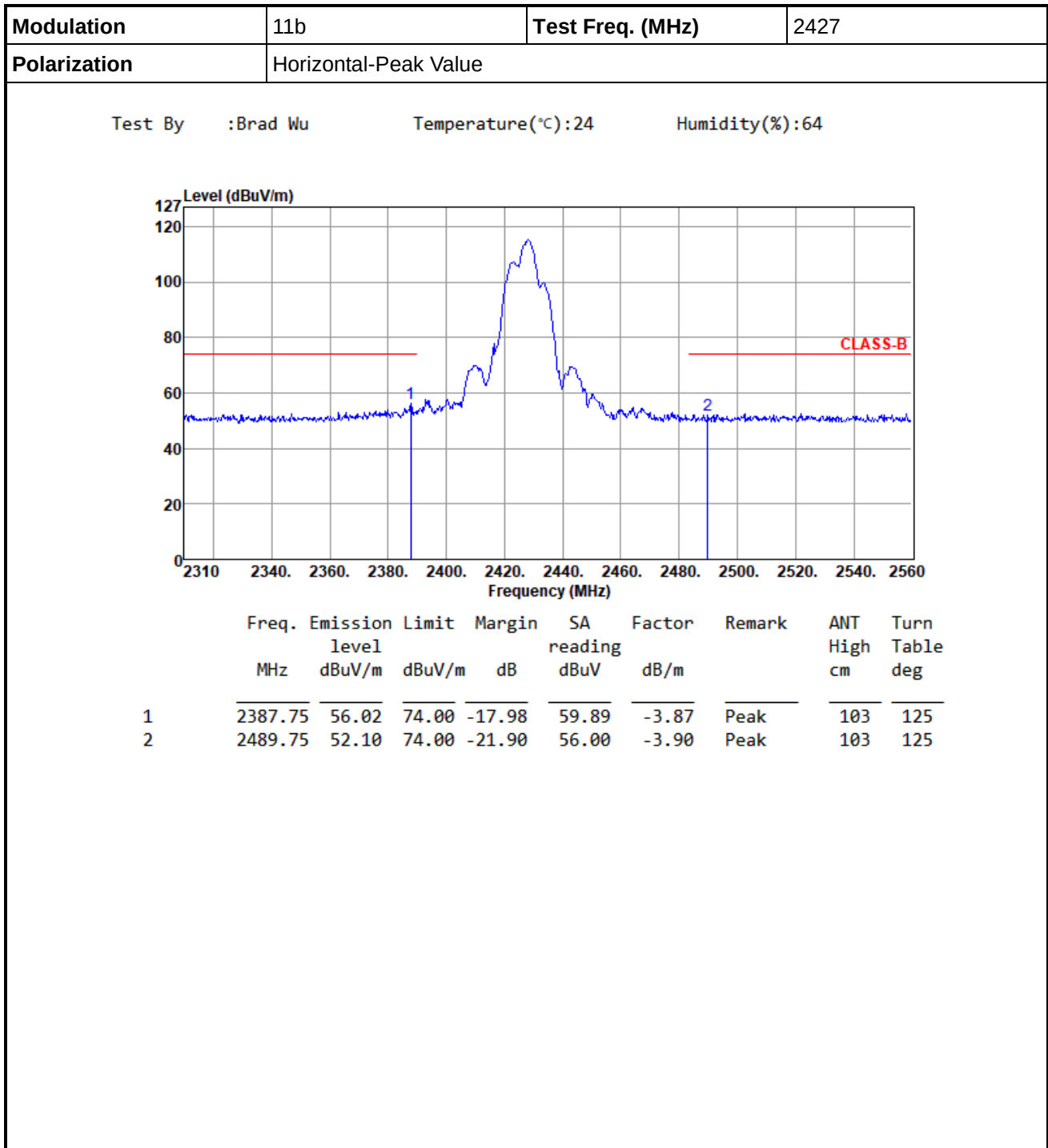


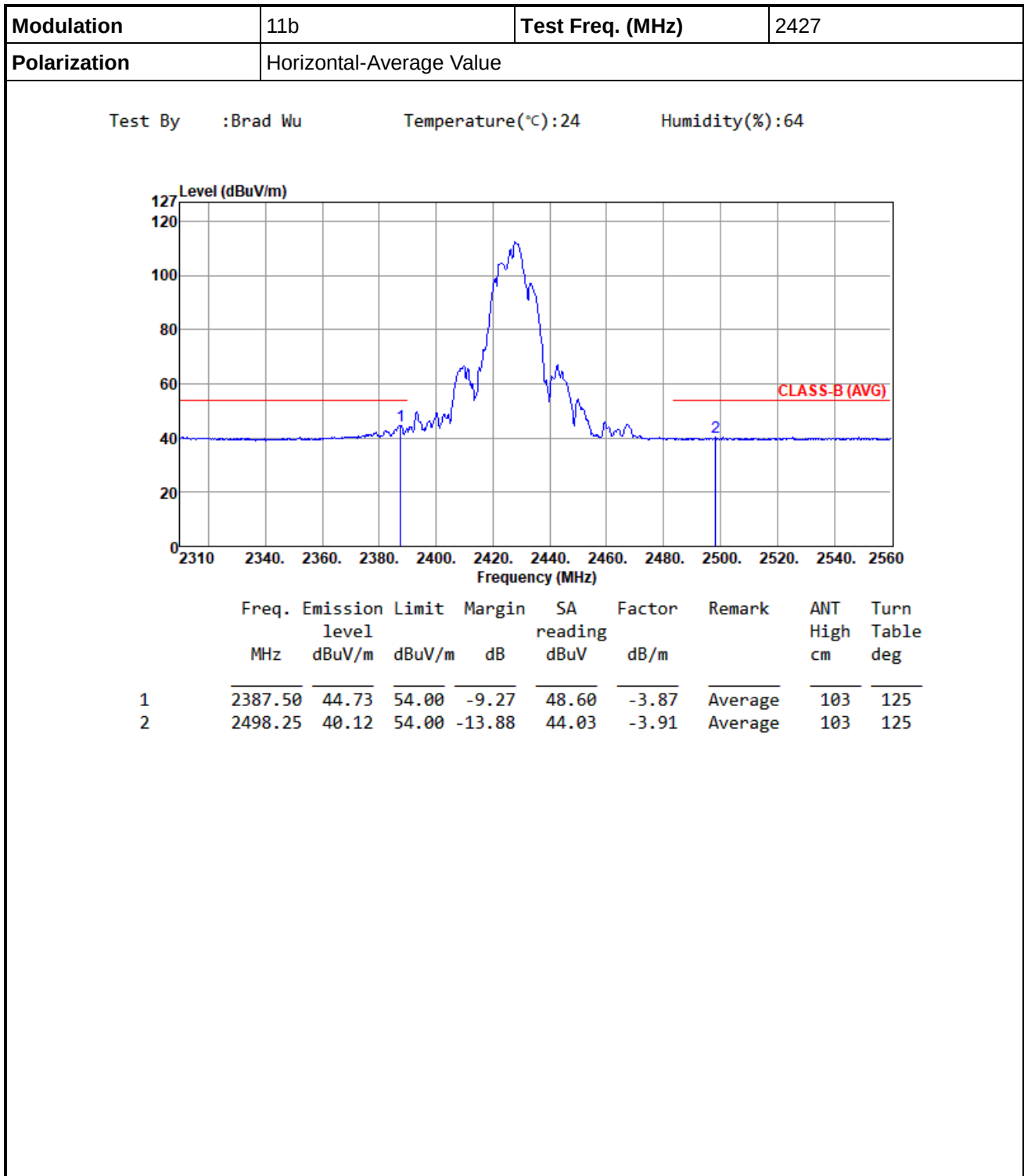


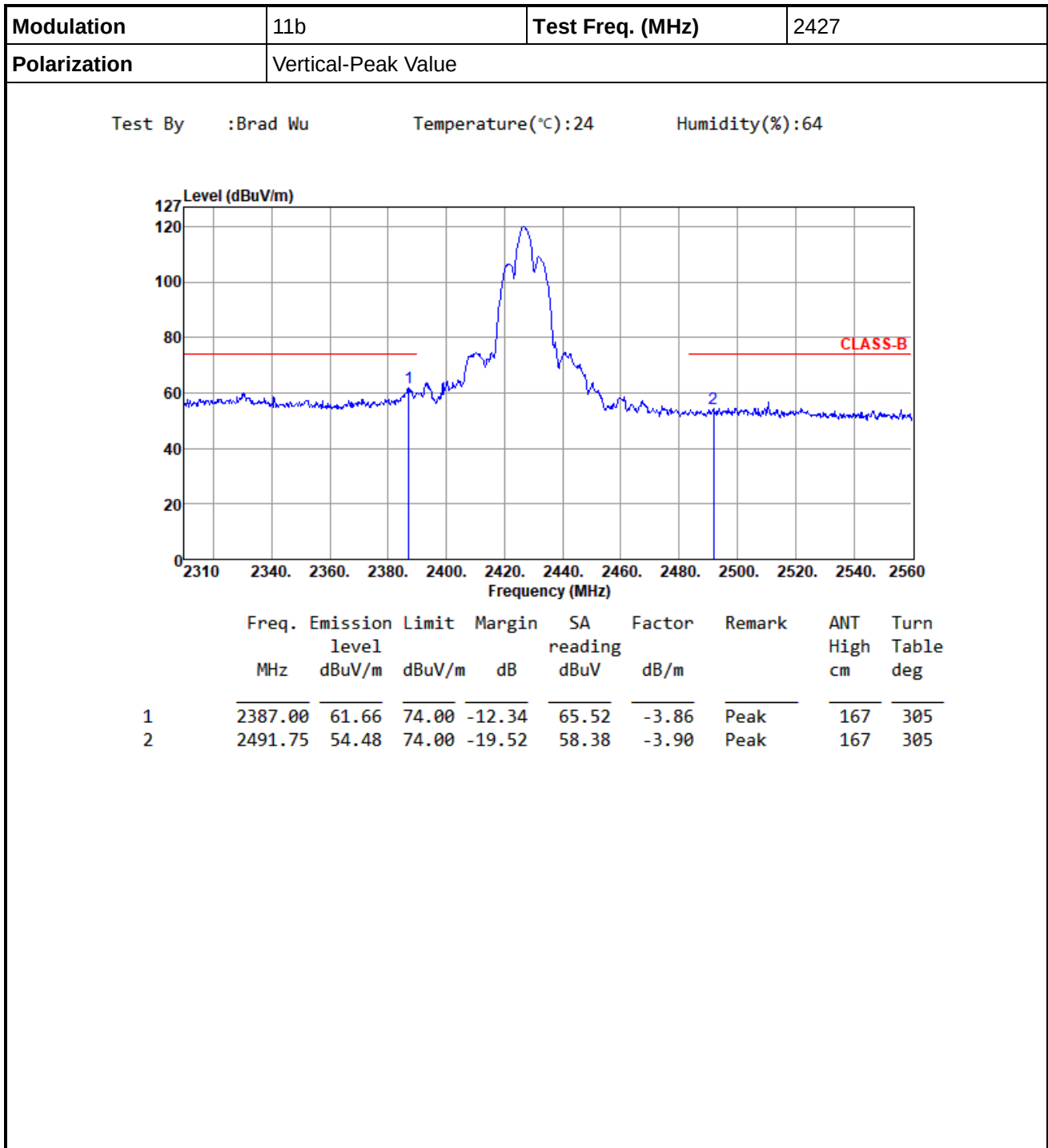


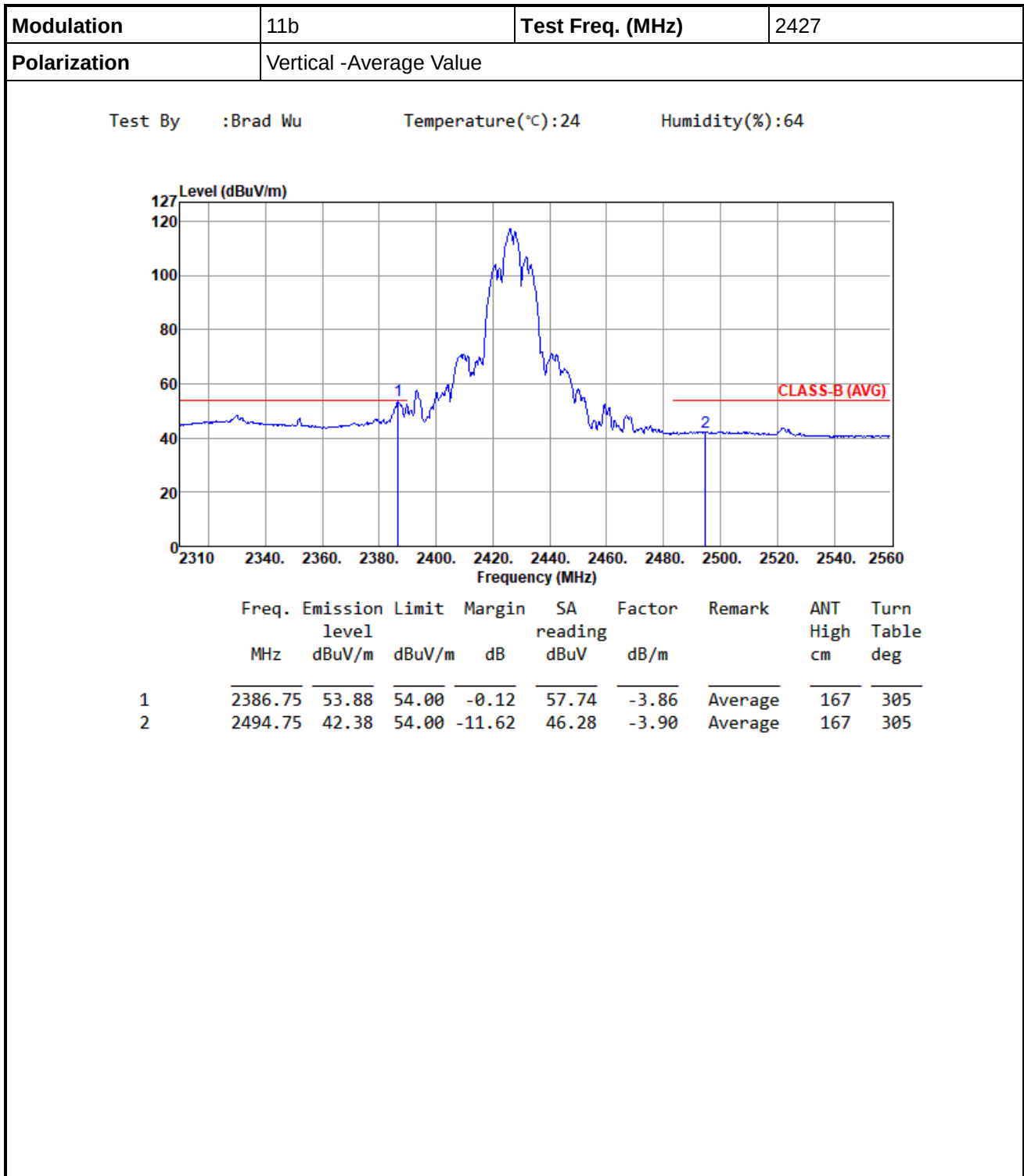


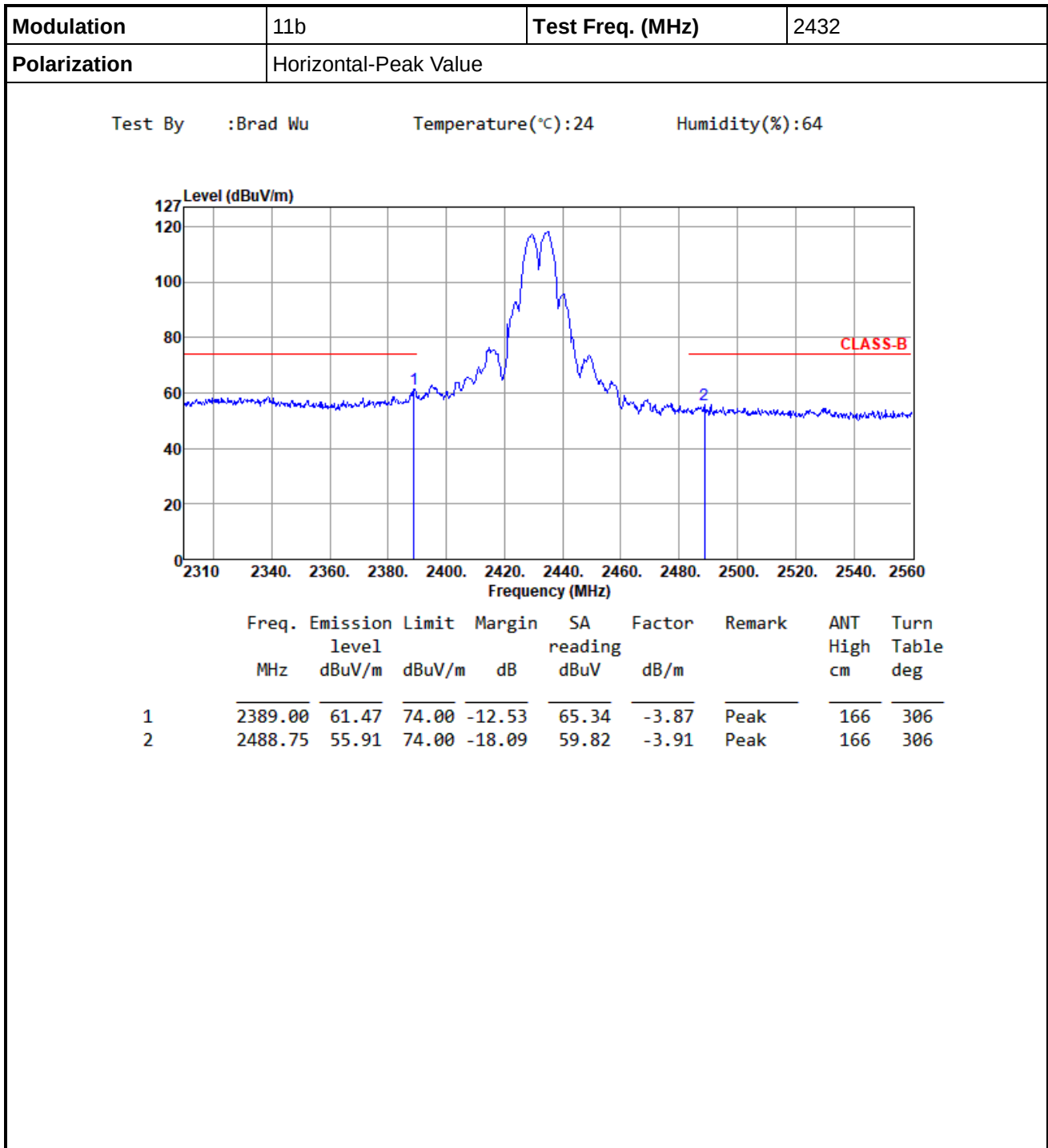


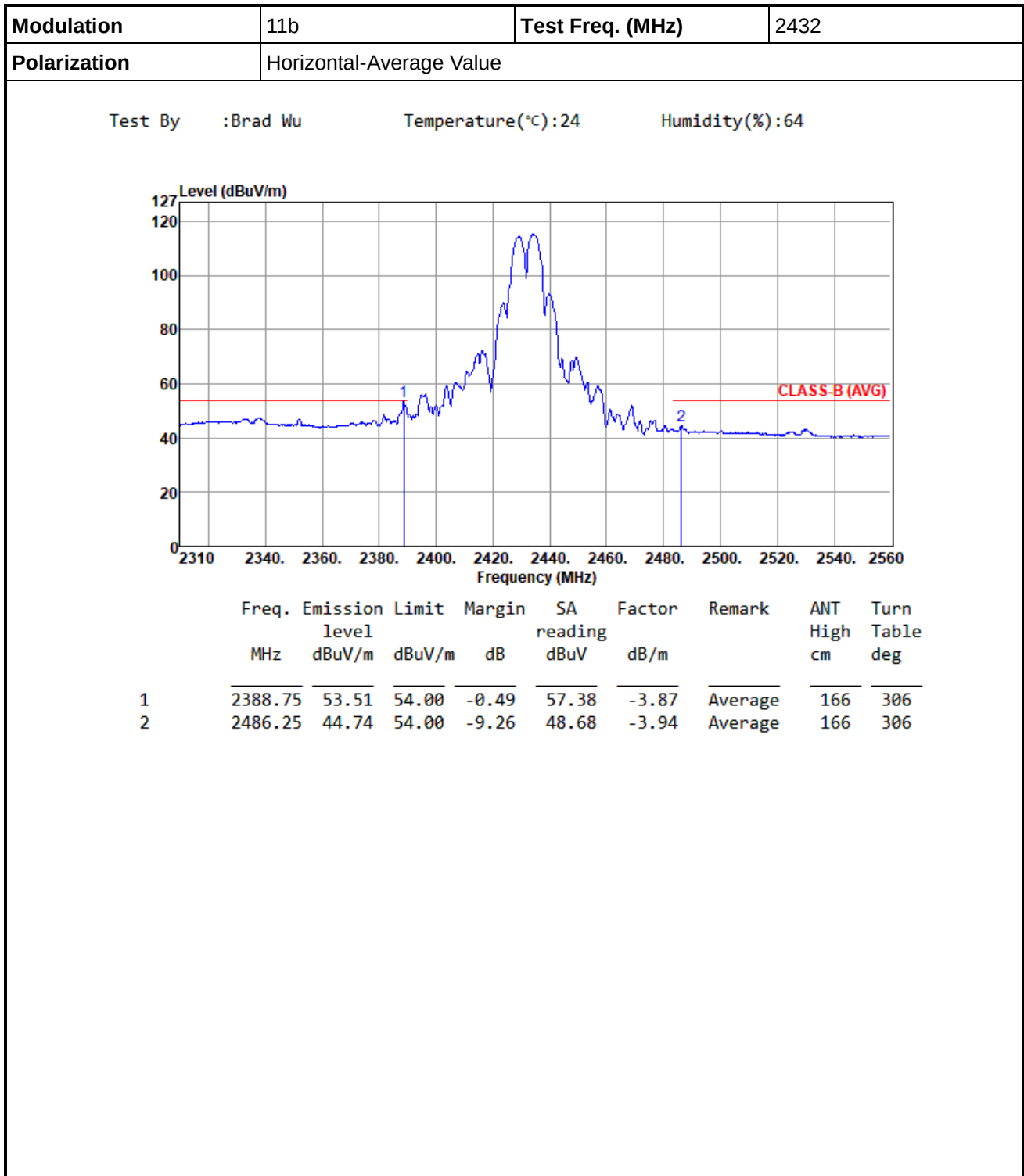


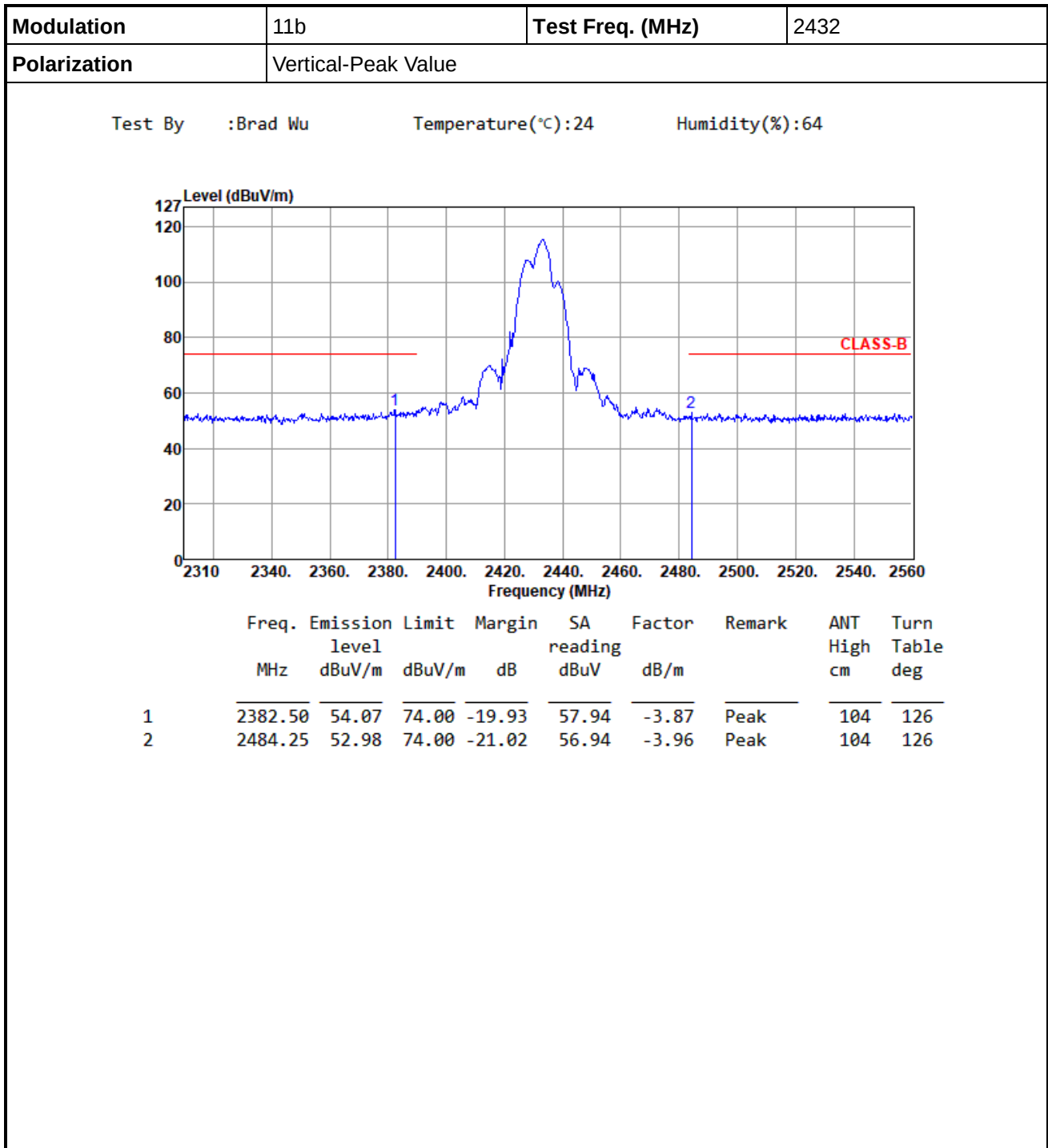


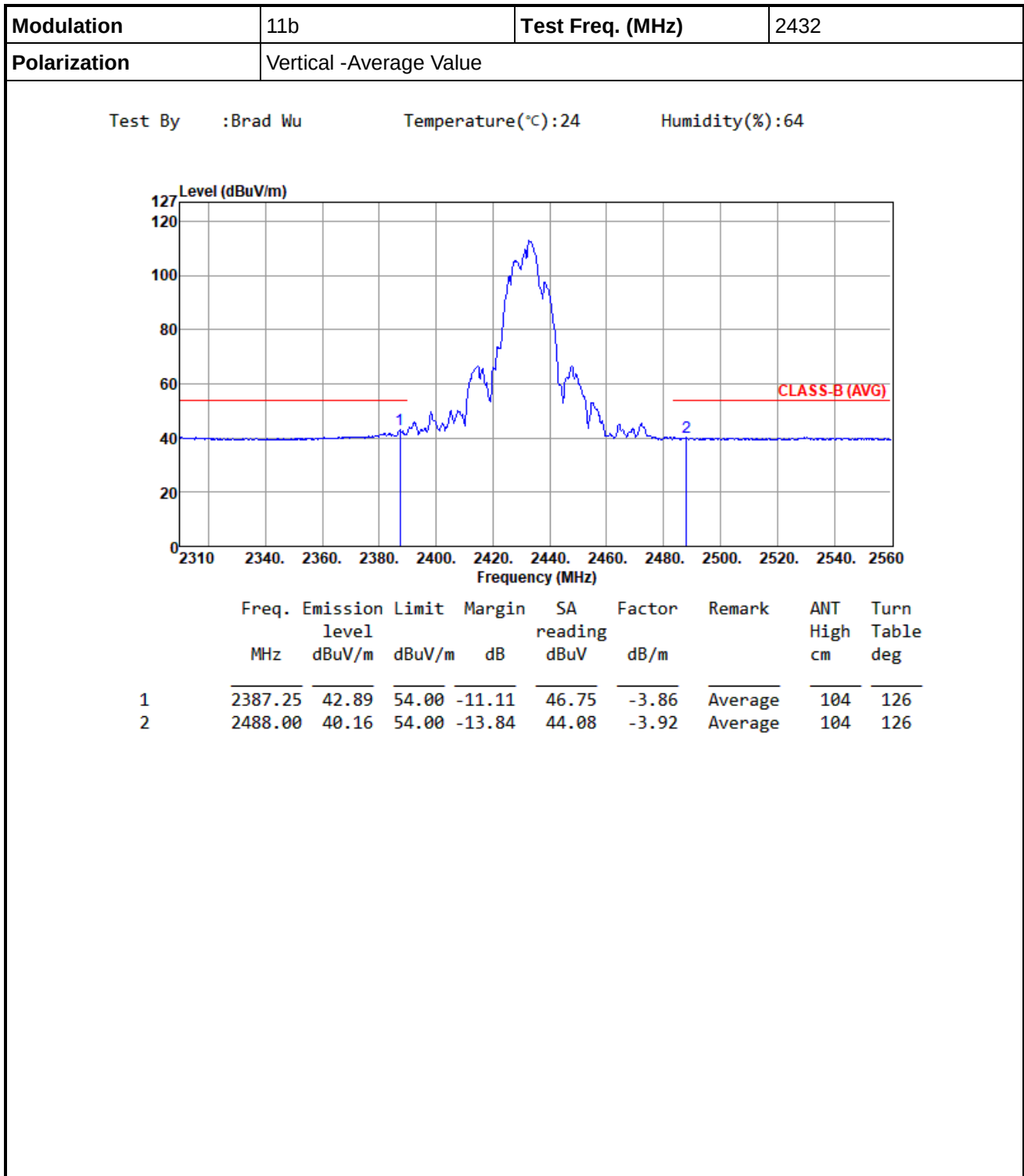


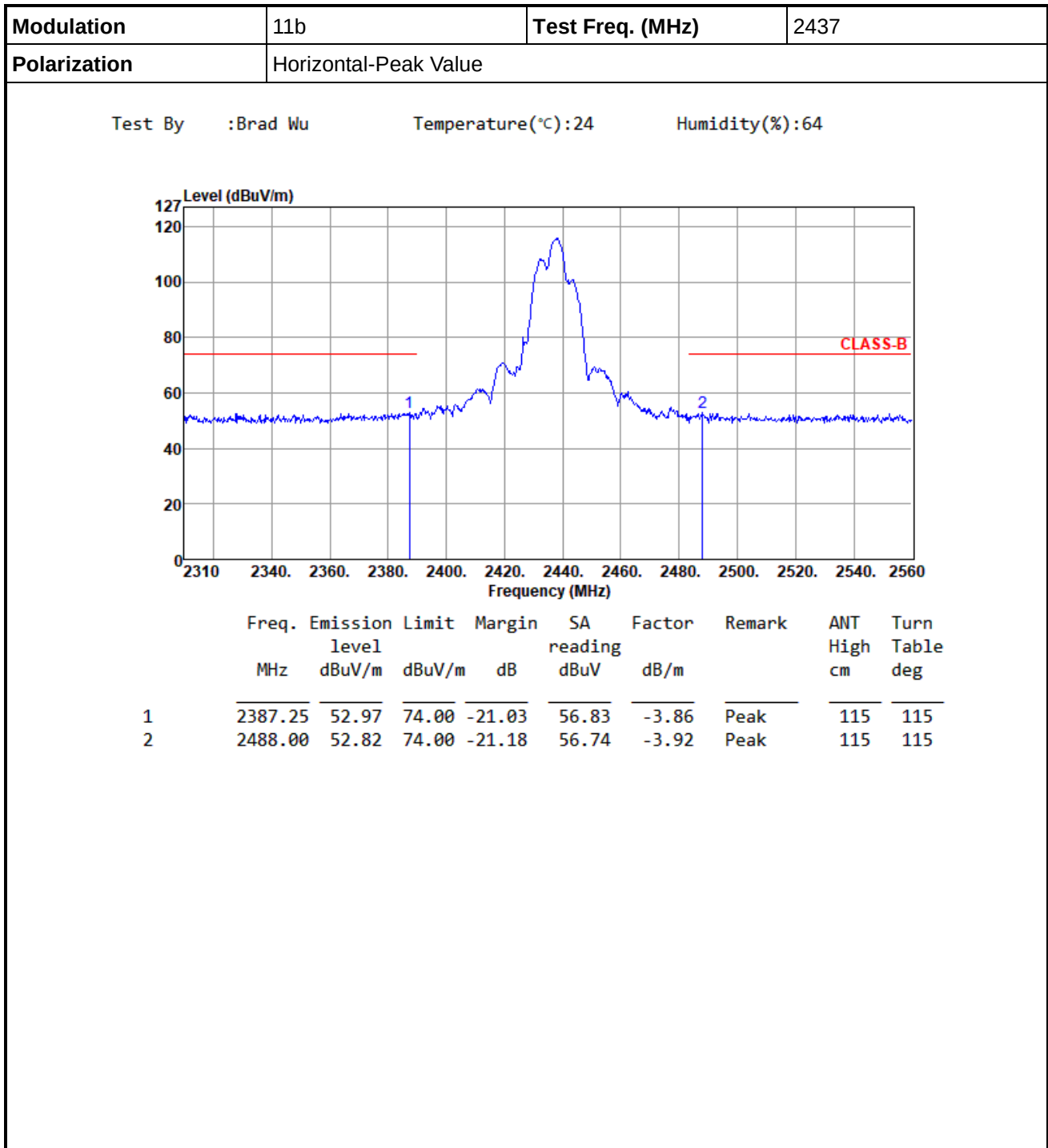


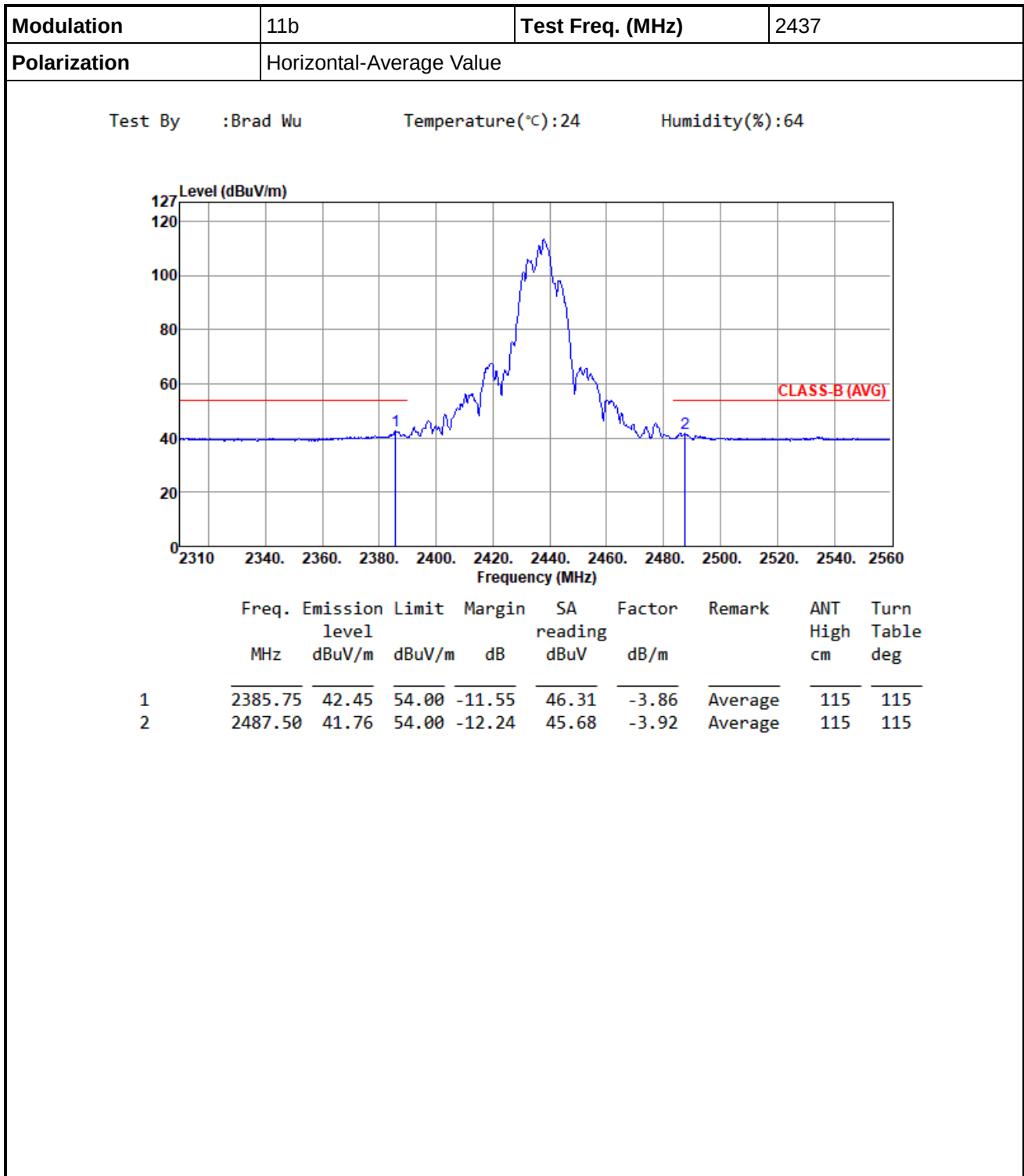


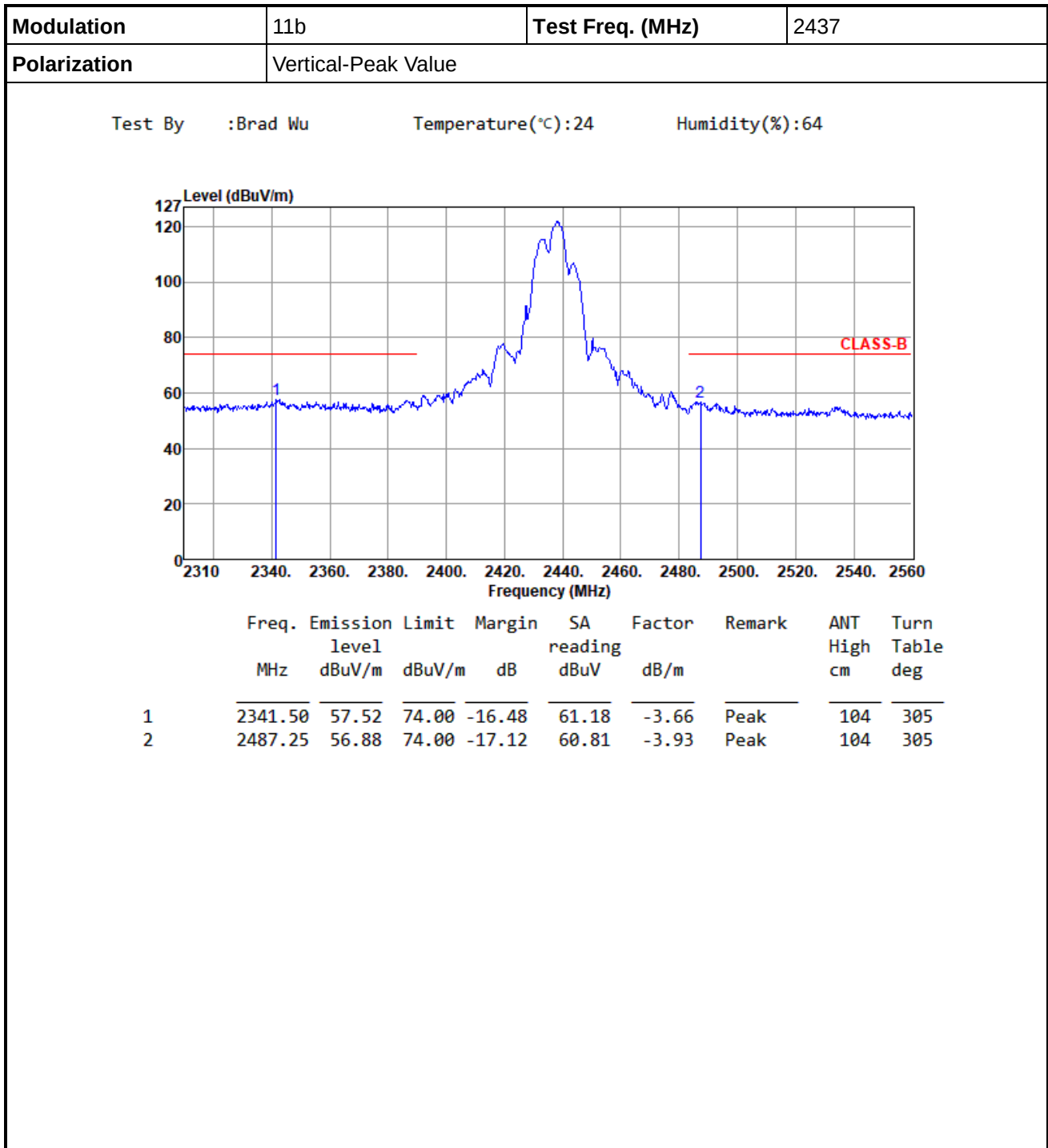


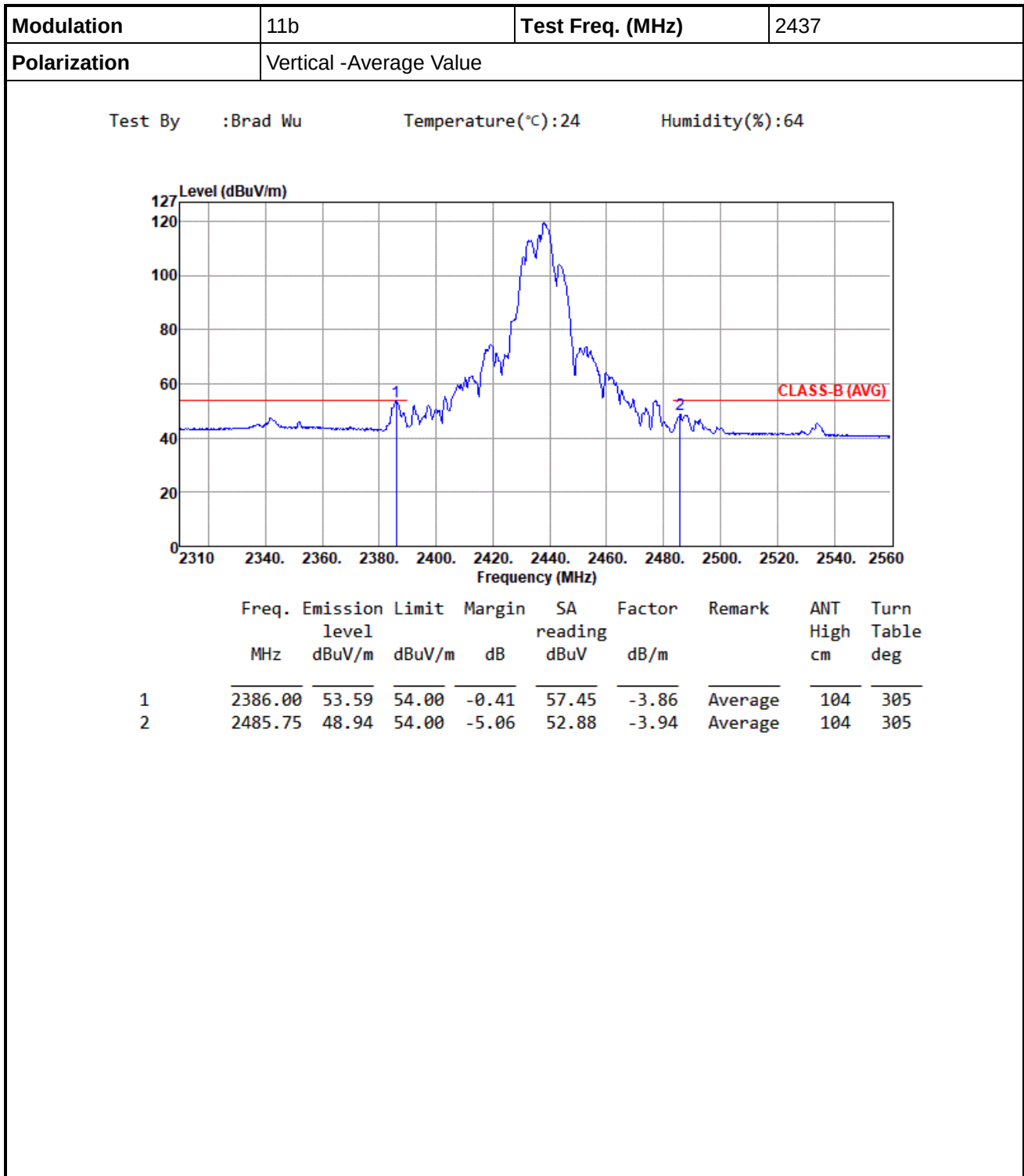


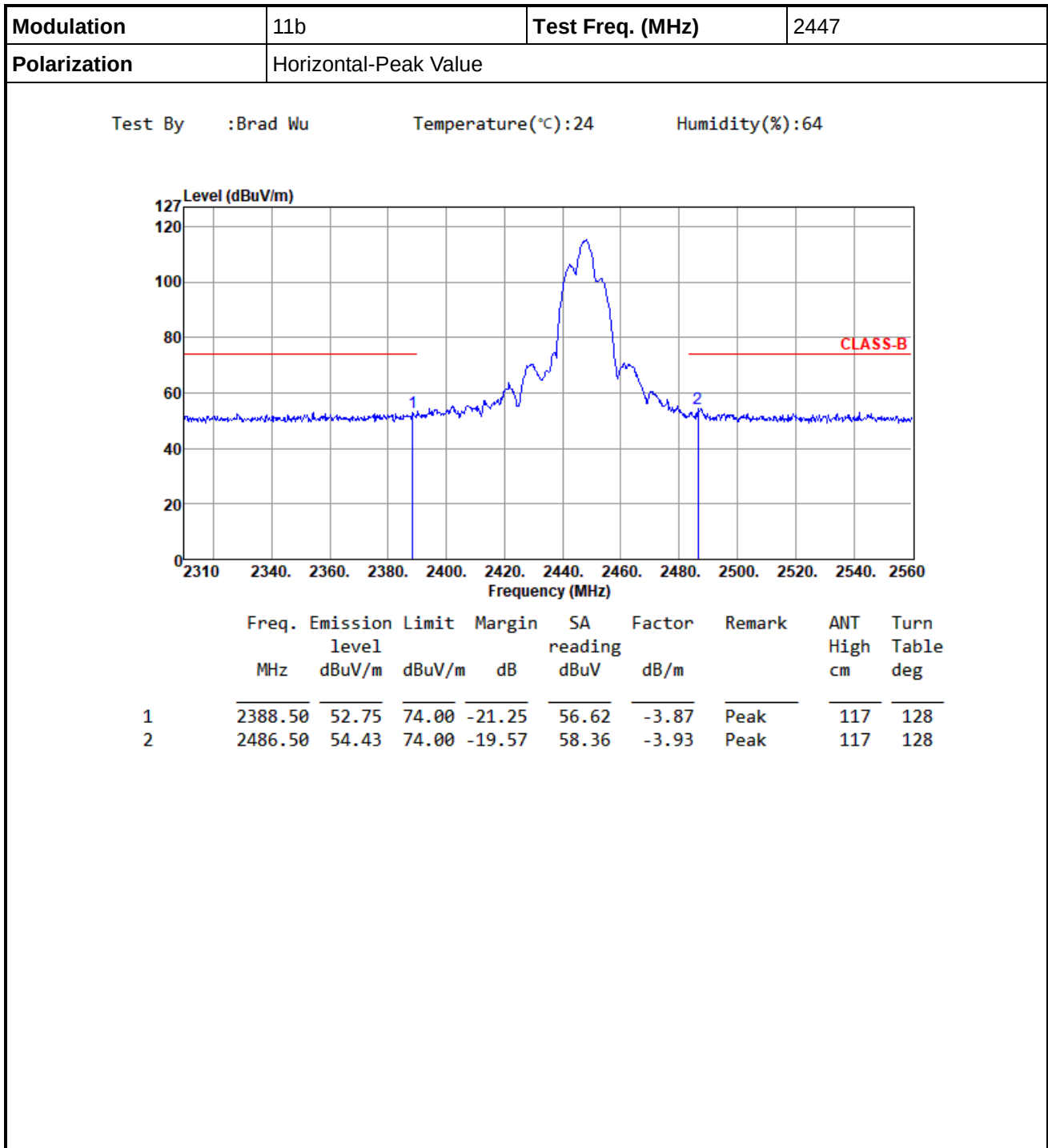


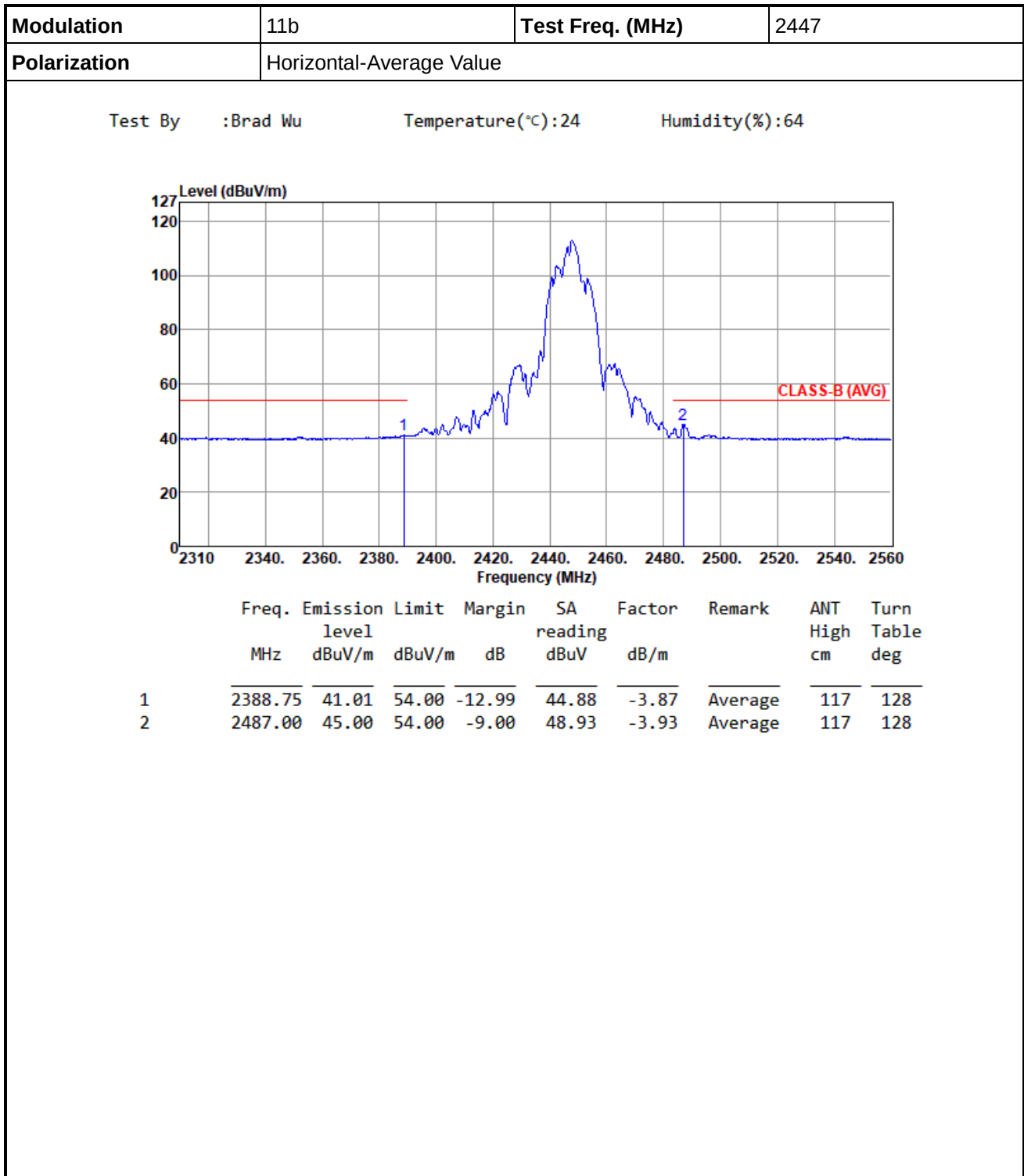


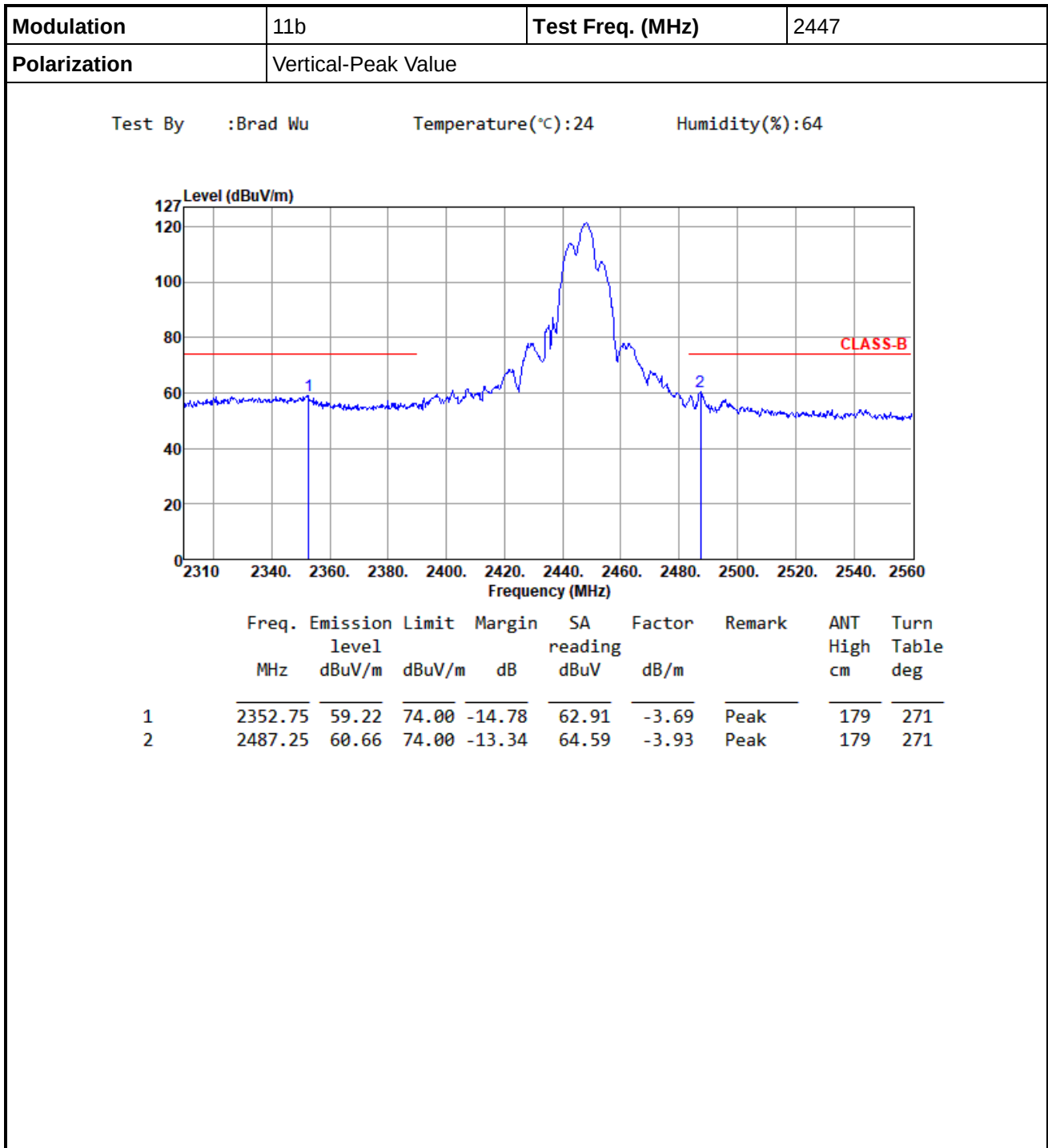


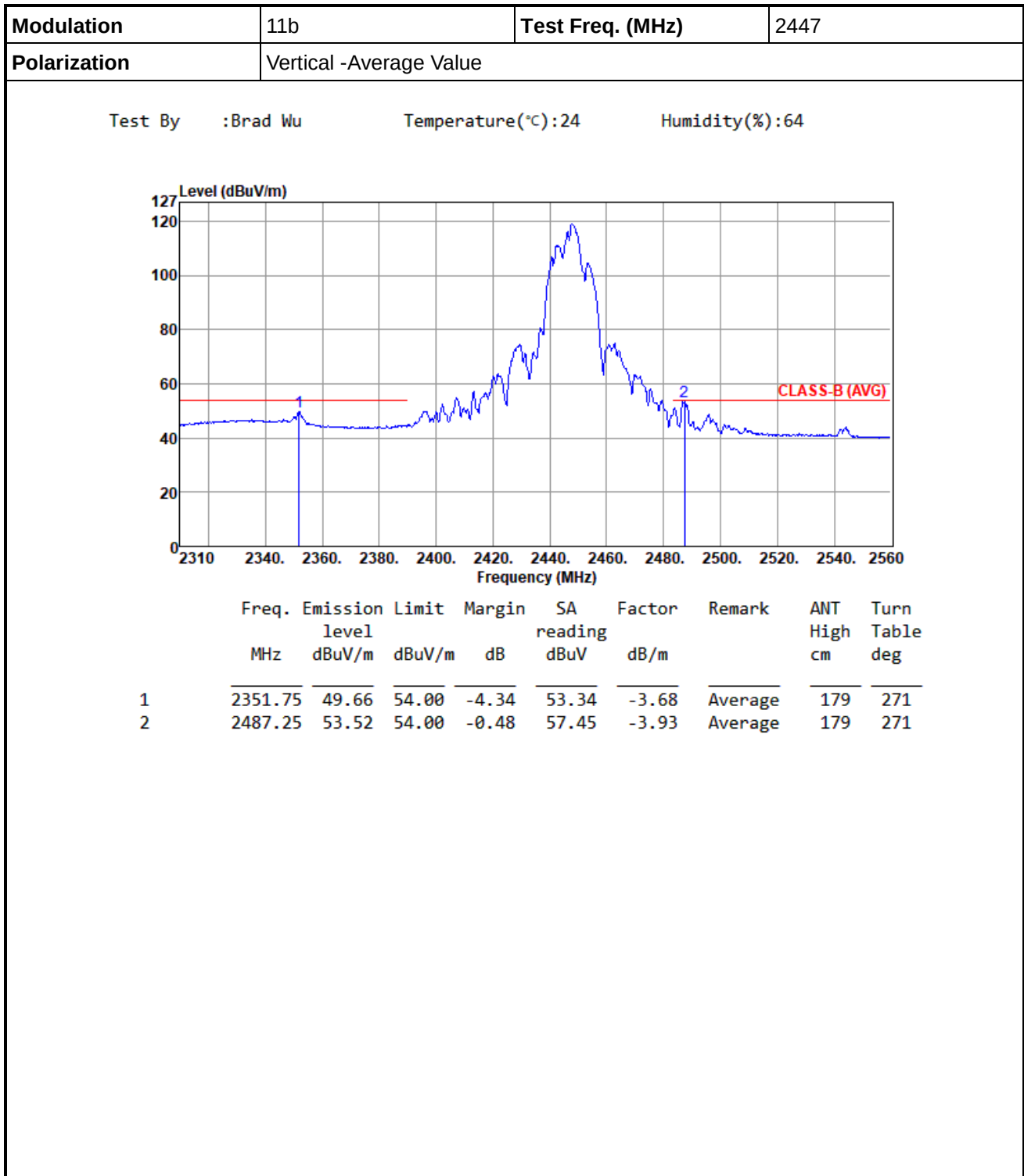


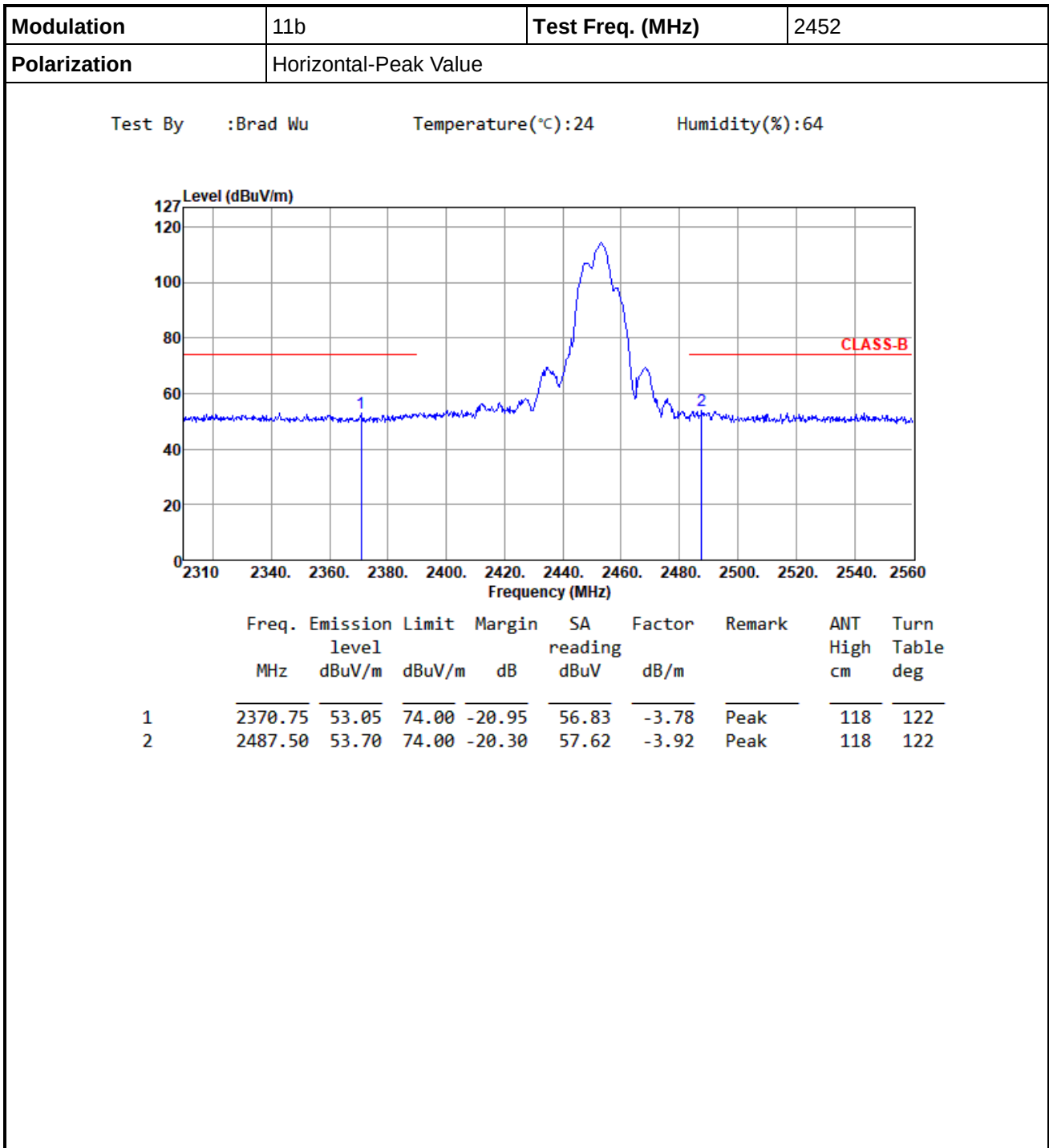


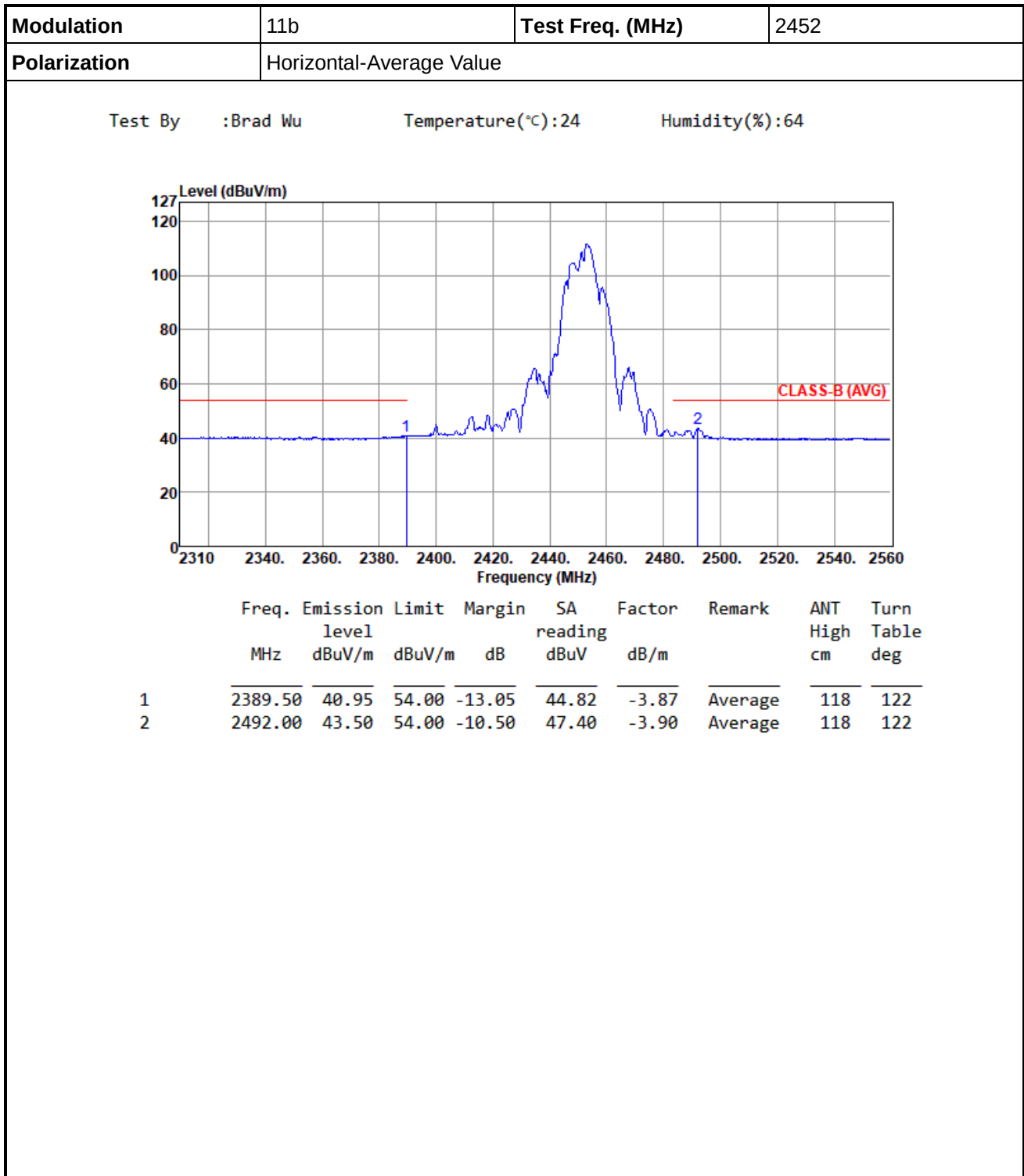








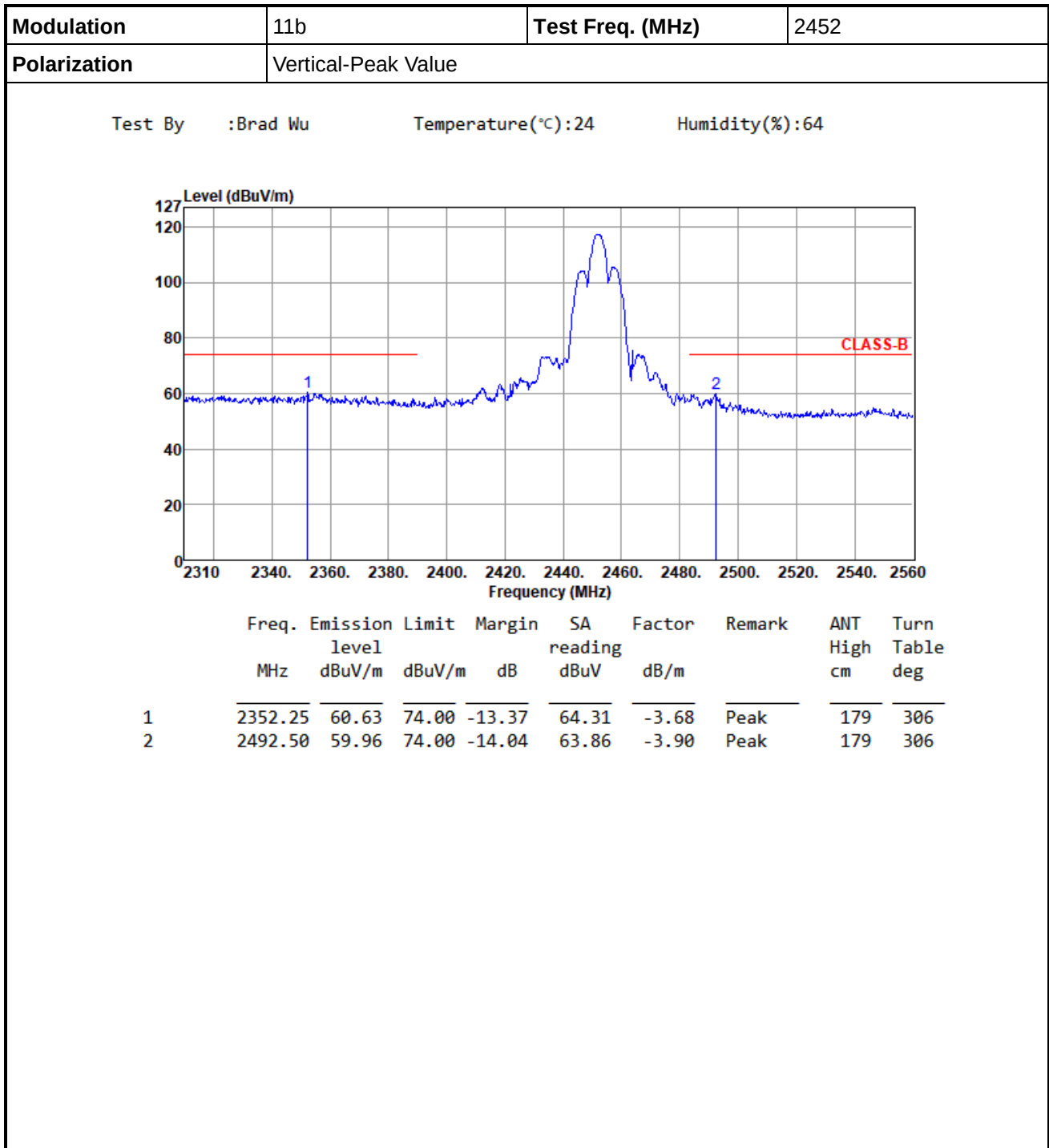


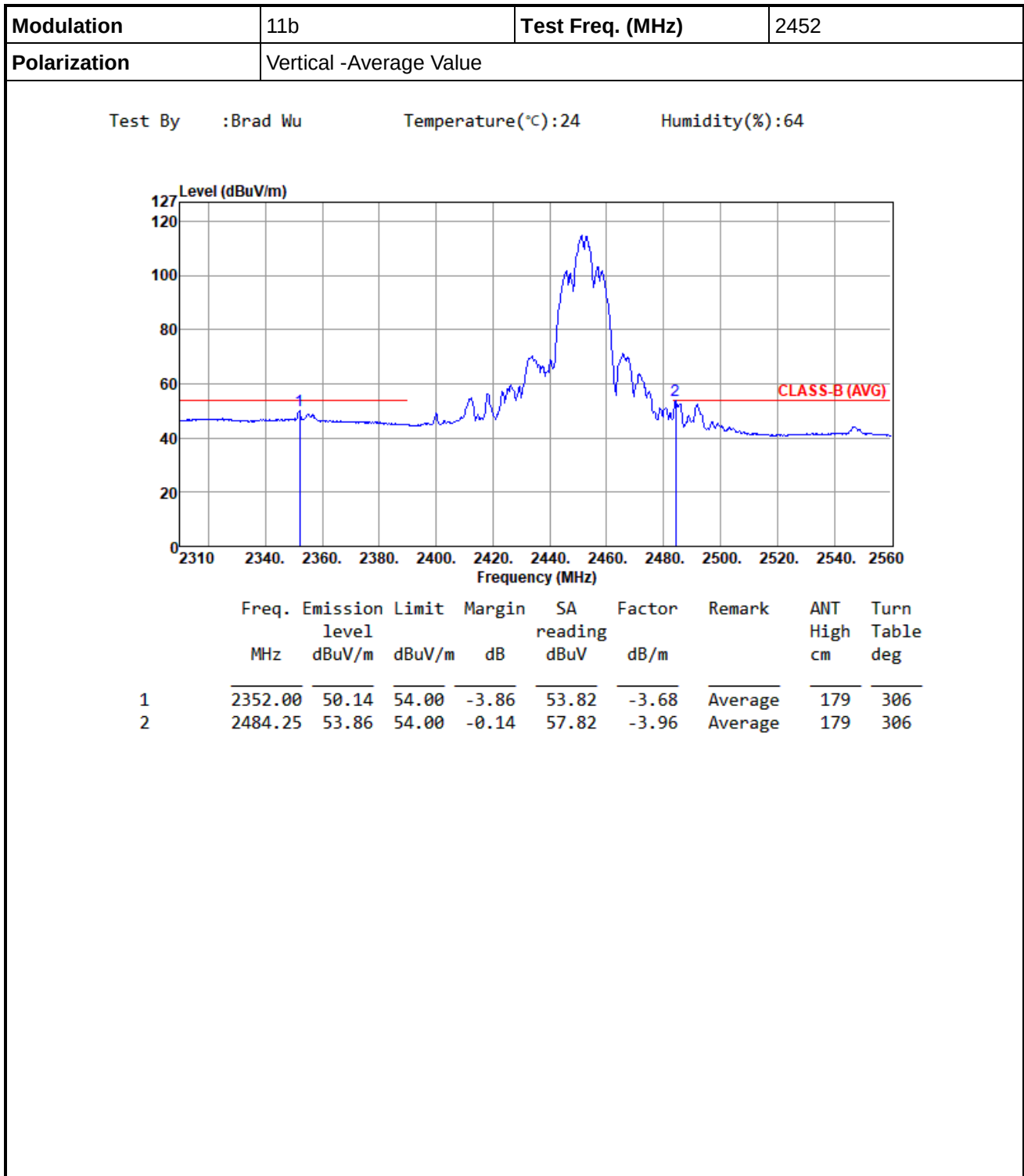


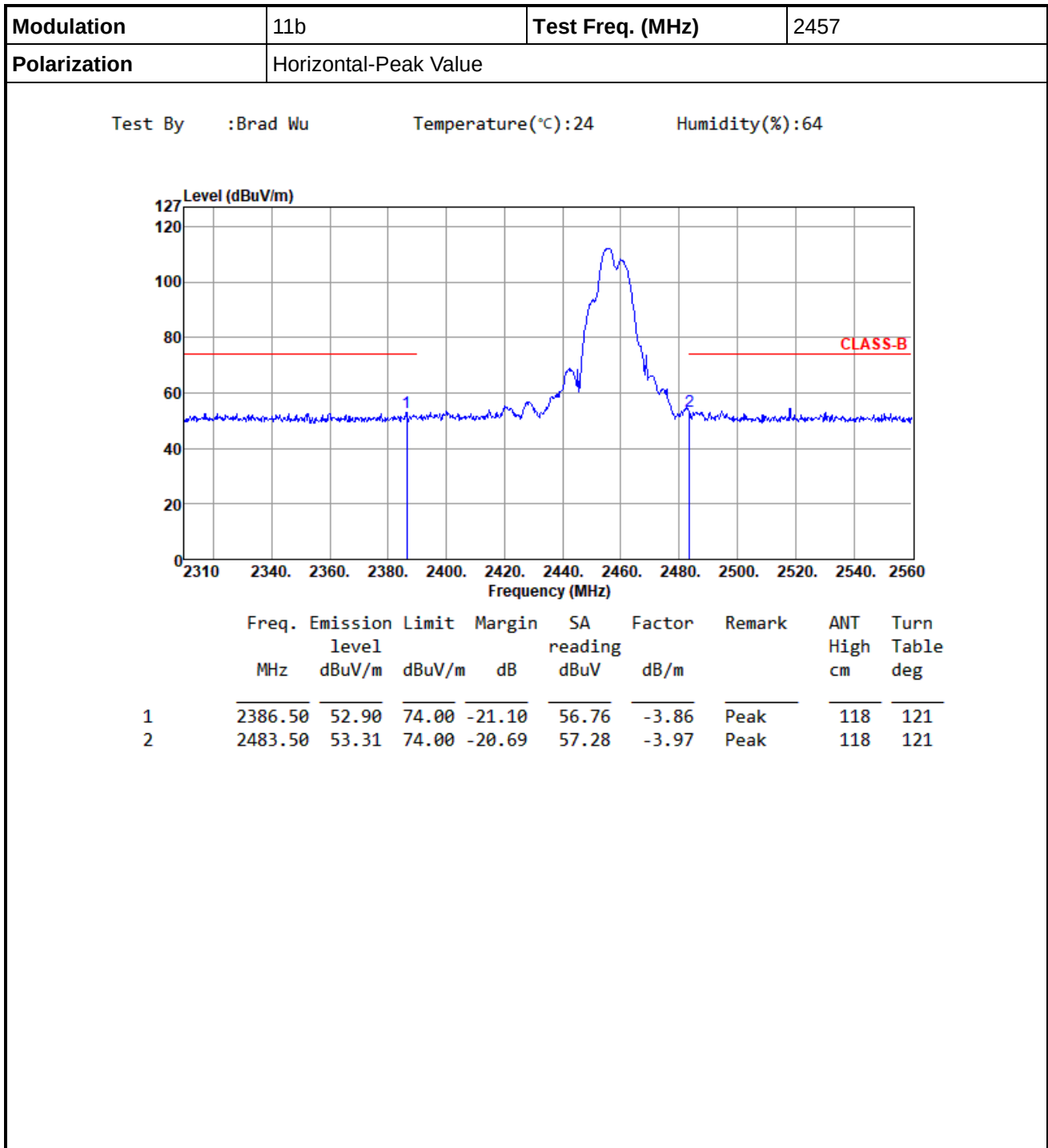


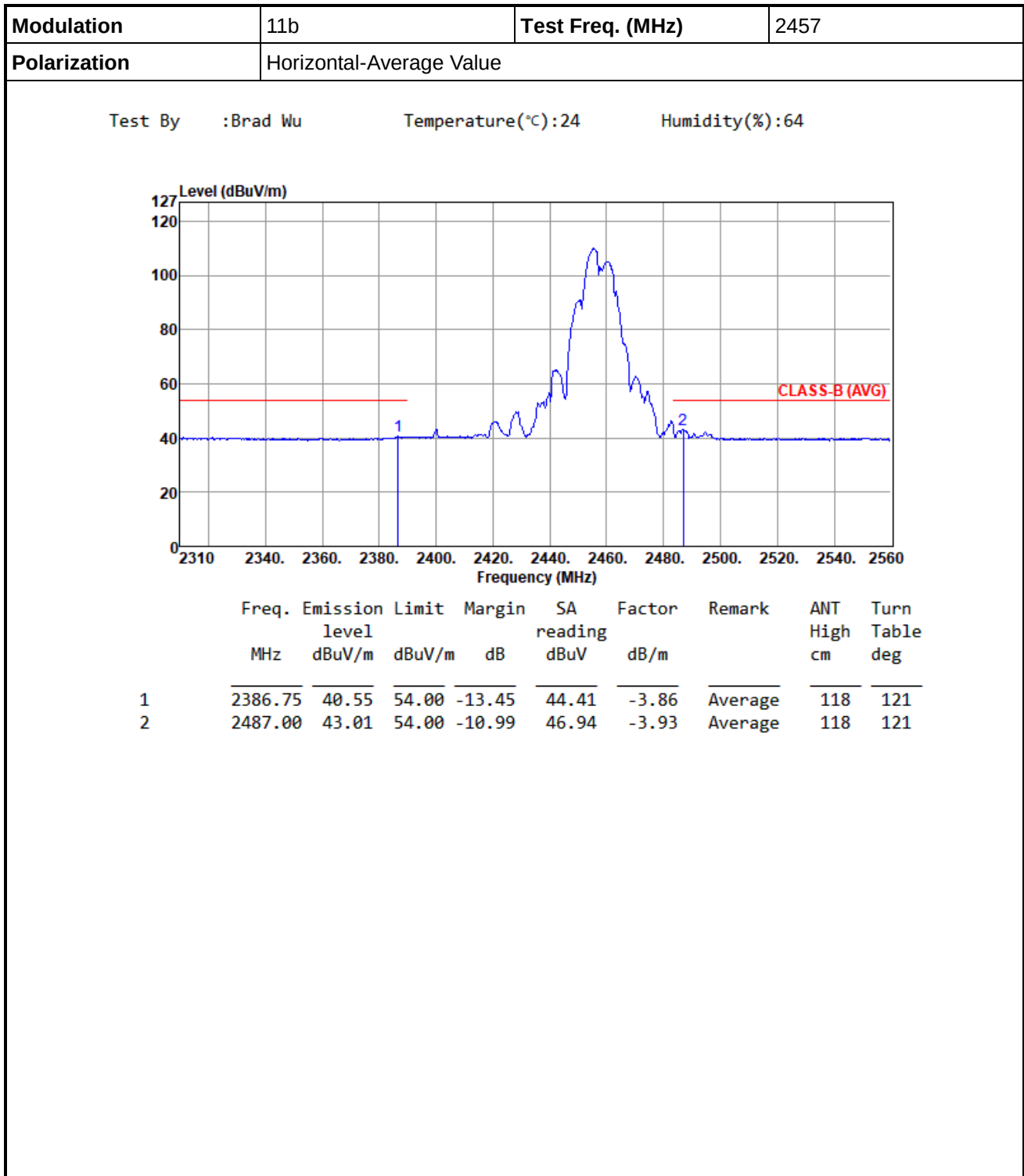
Band Edge measurement

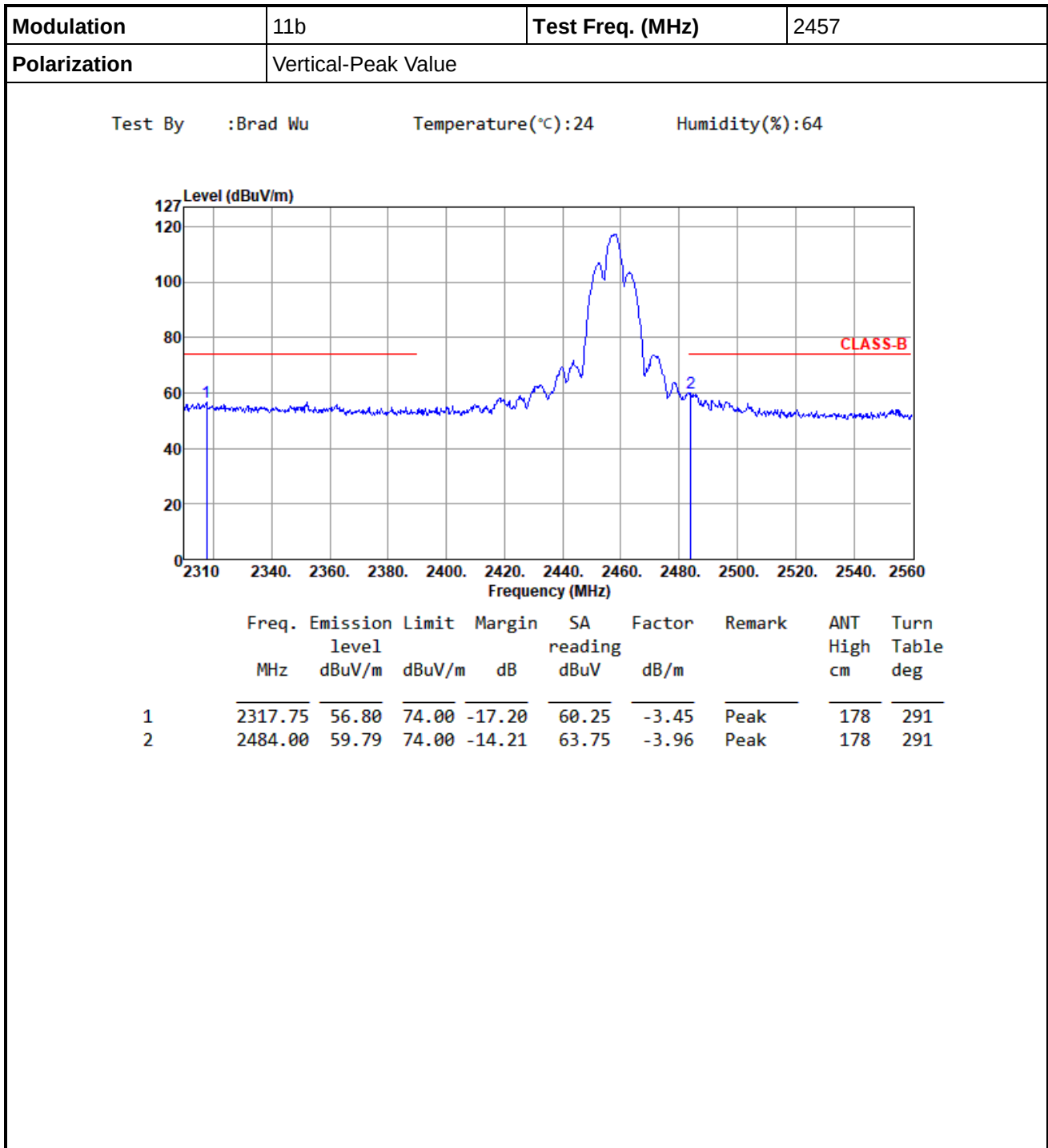
Appendix D.3

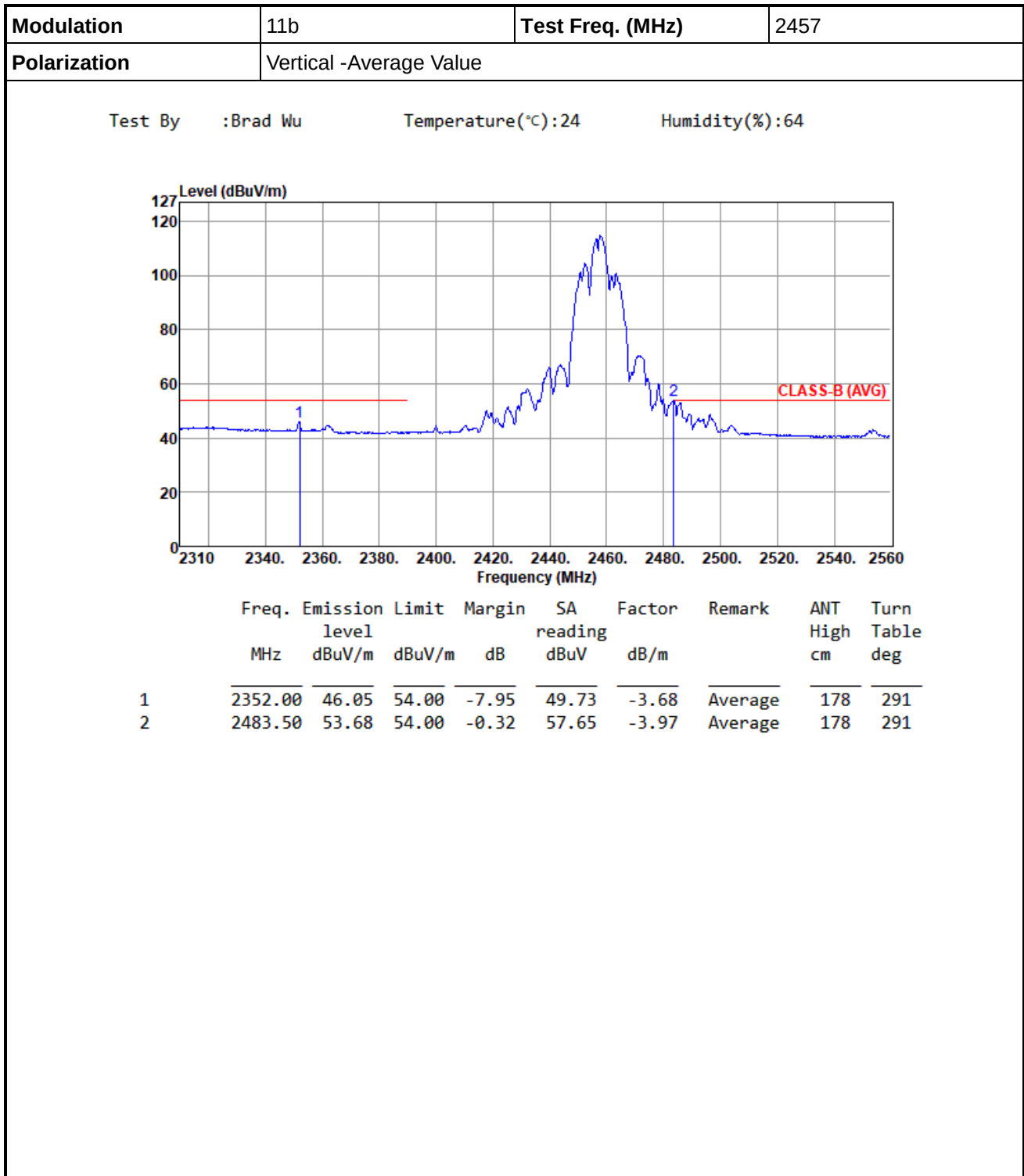


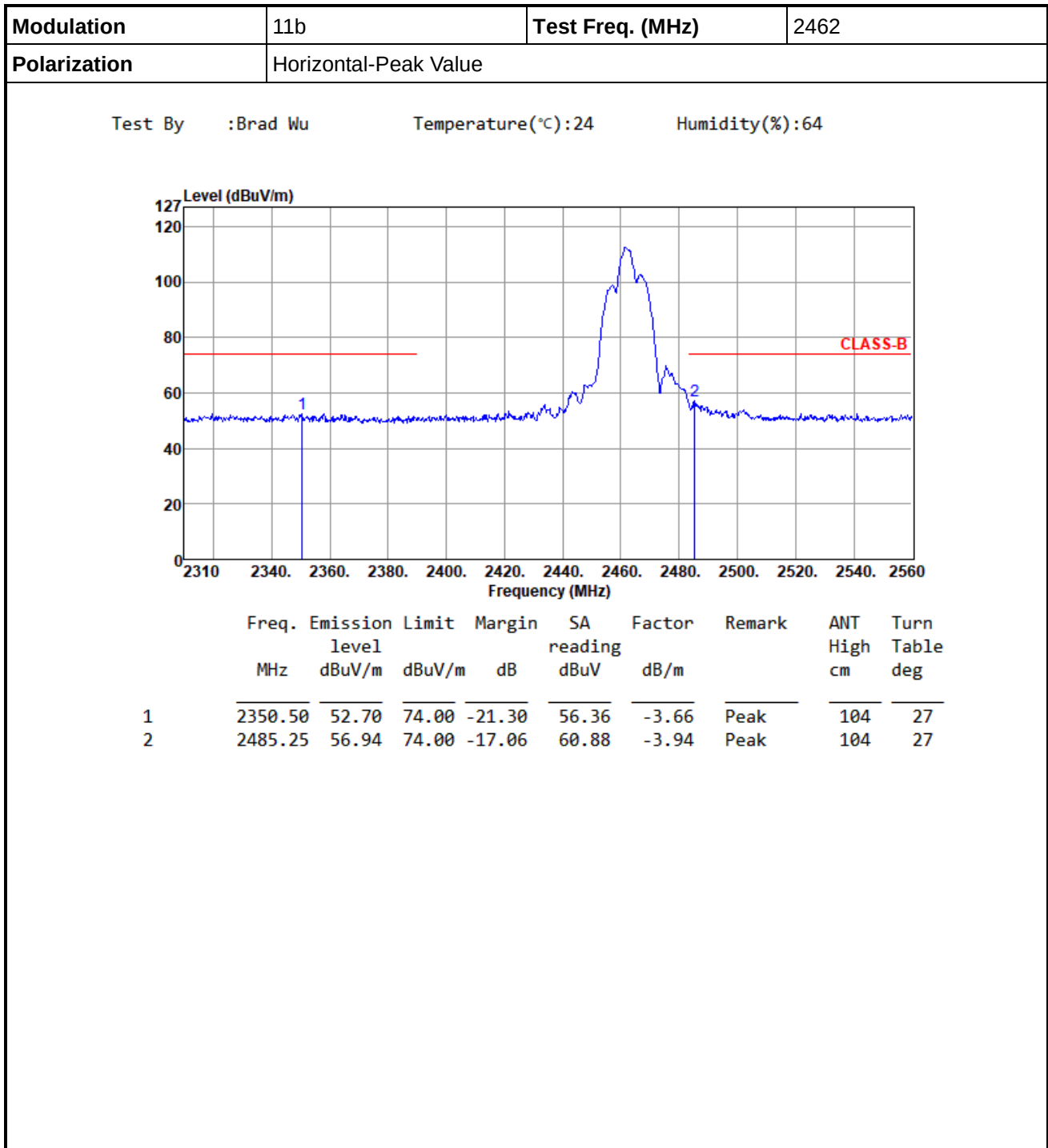


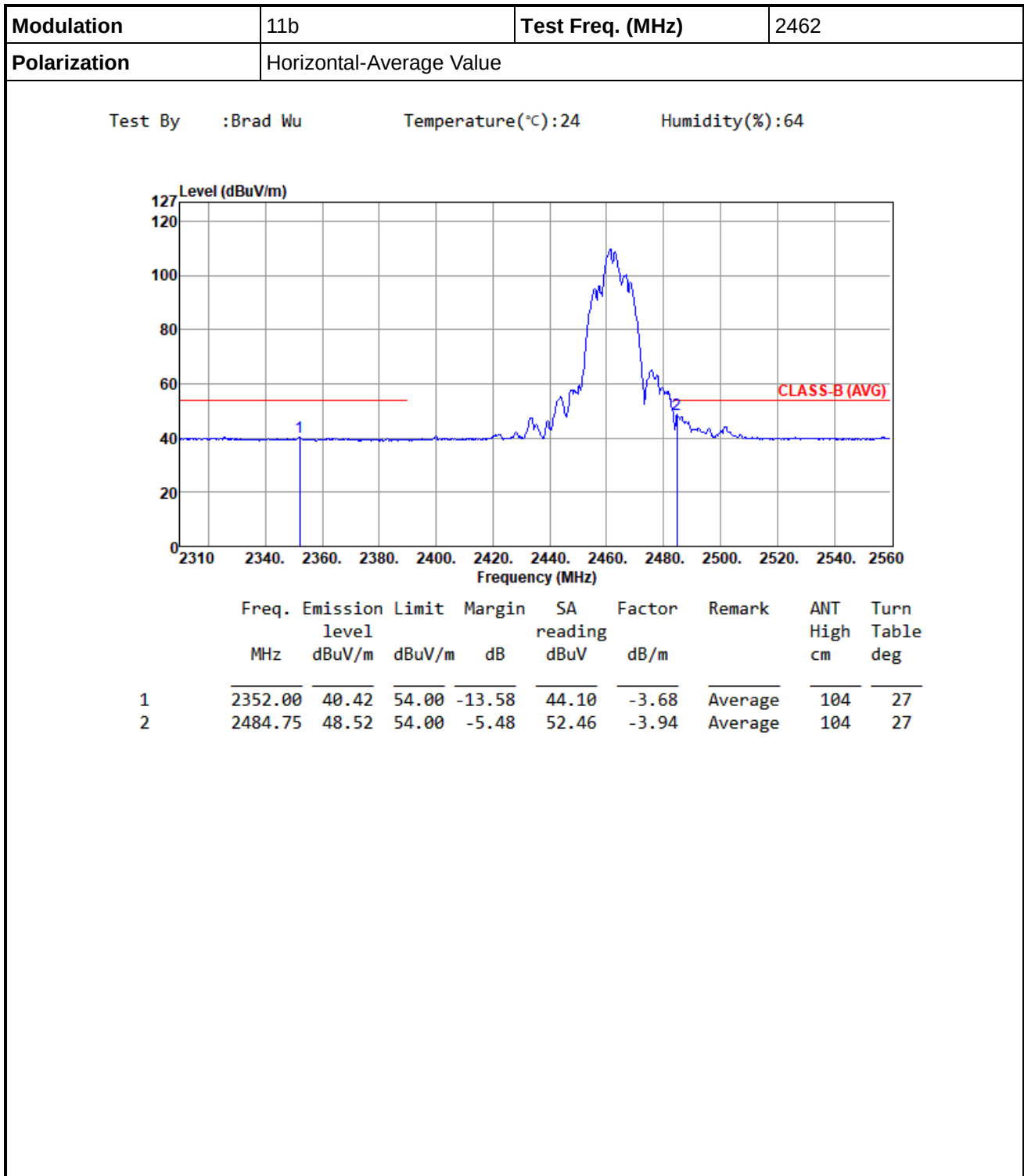








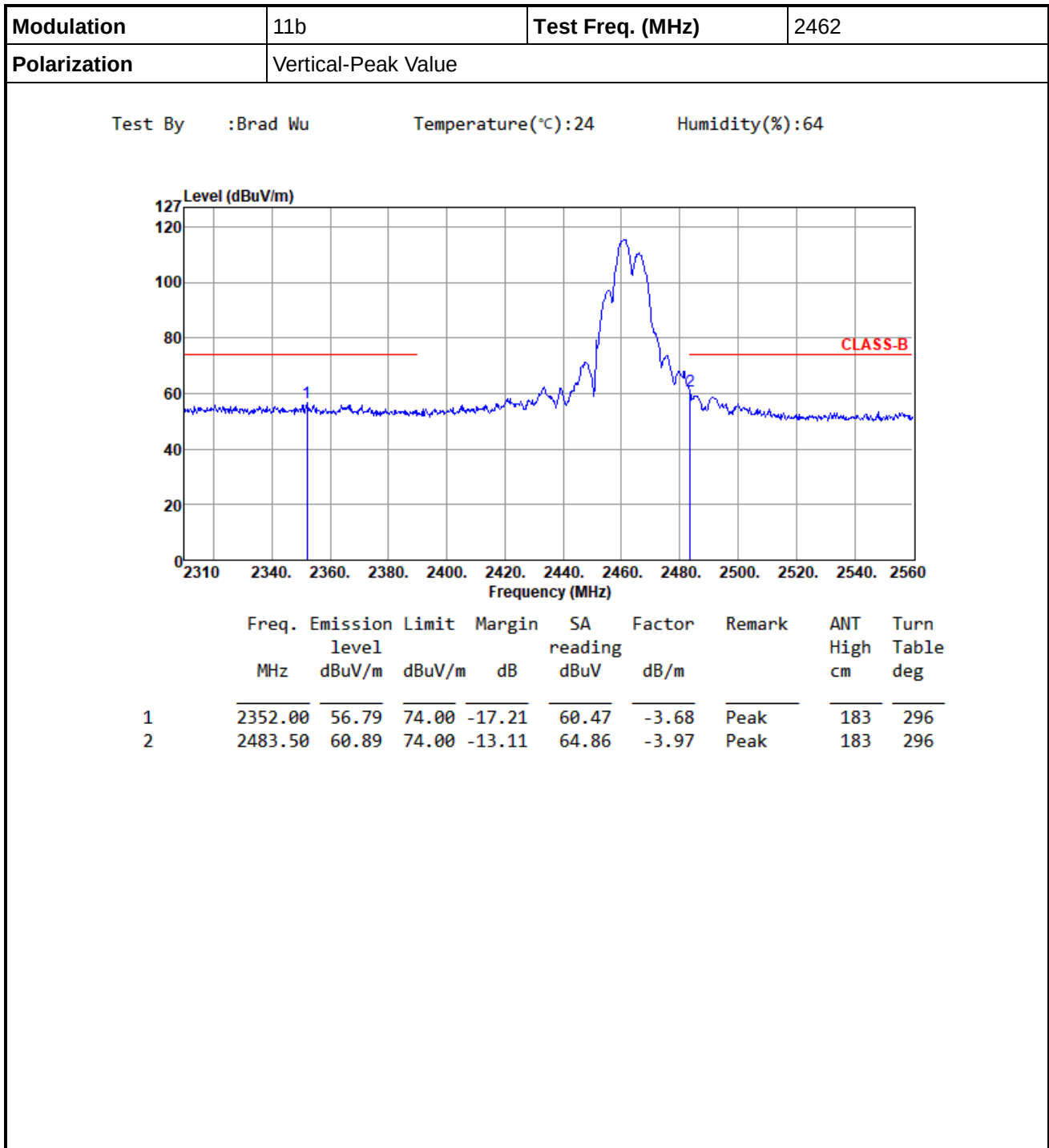


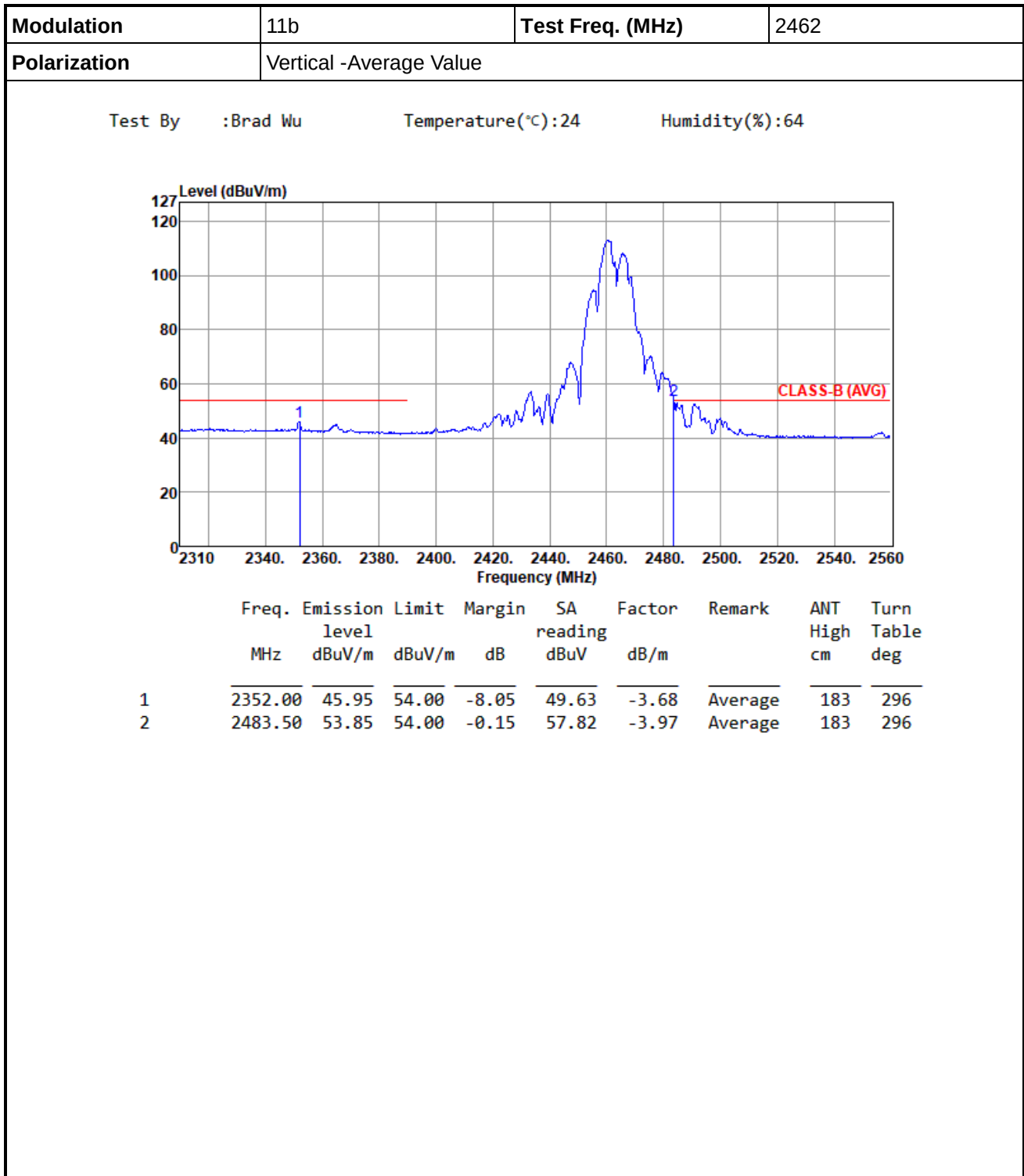


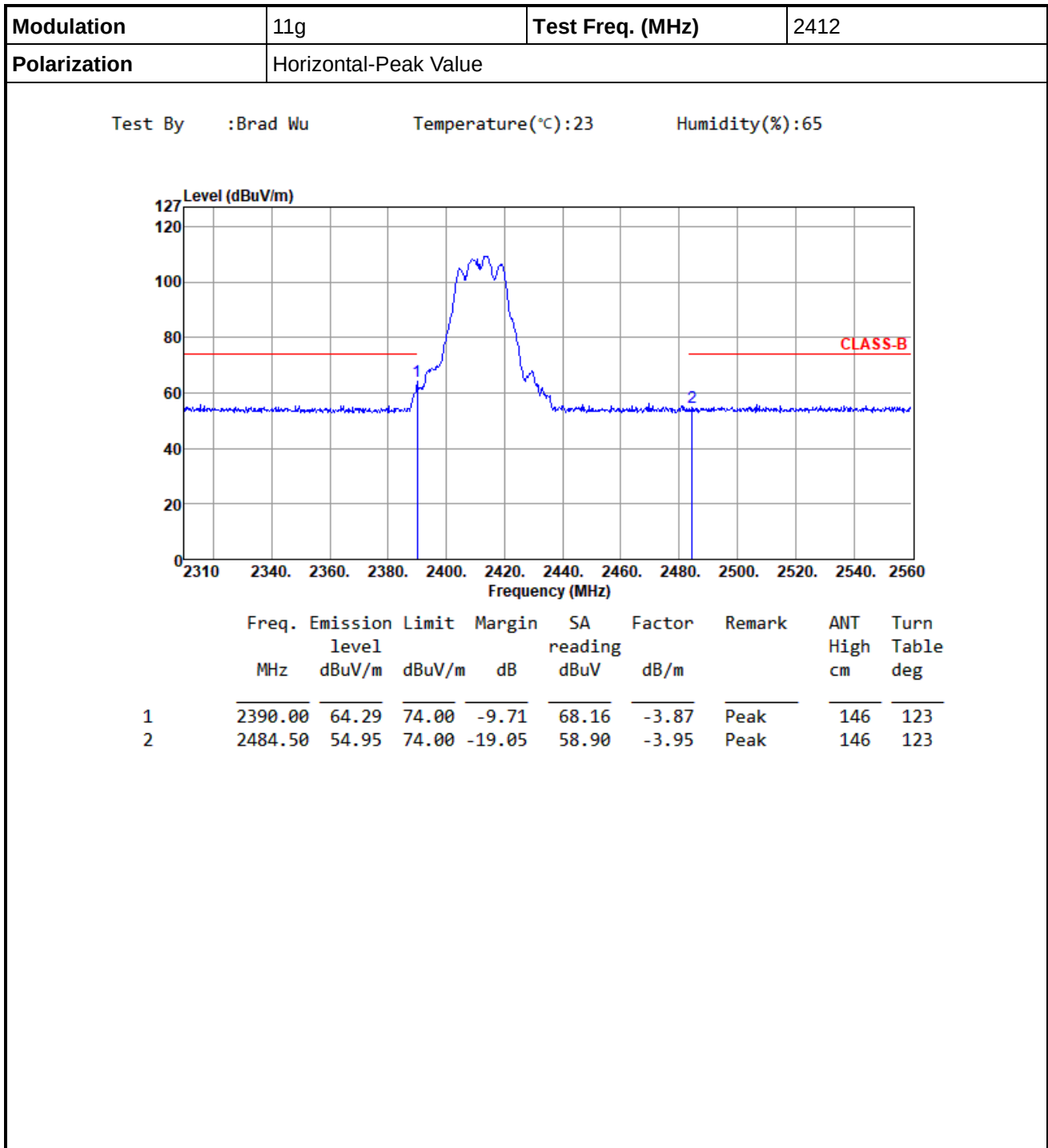


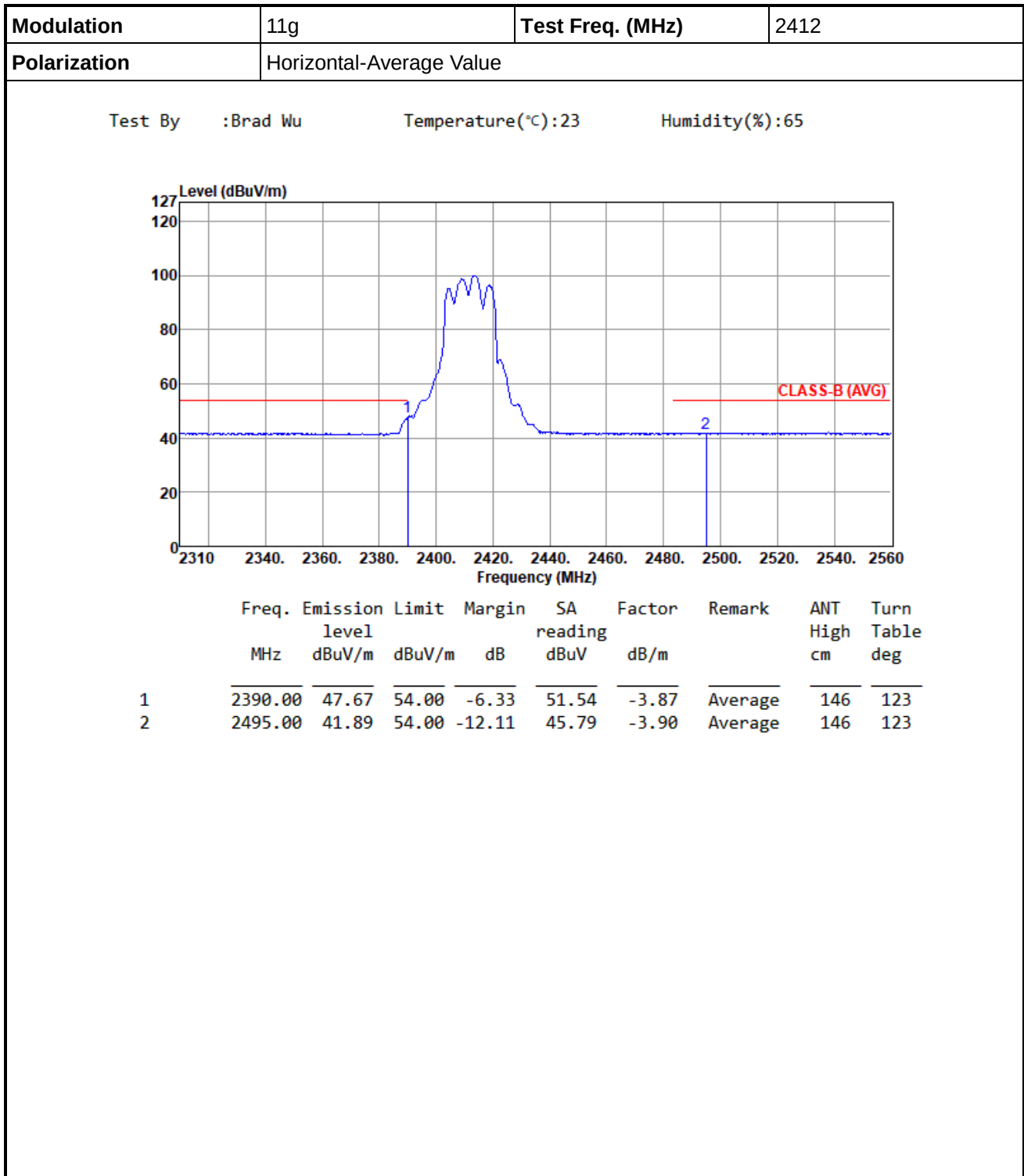
Band Edge measurement

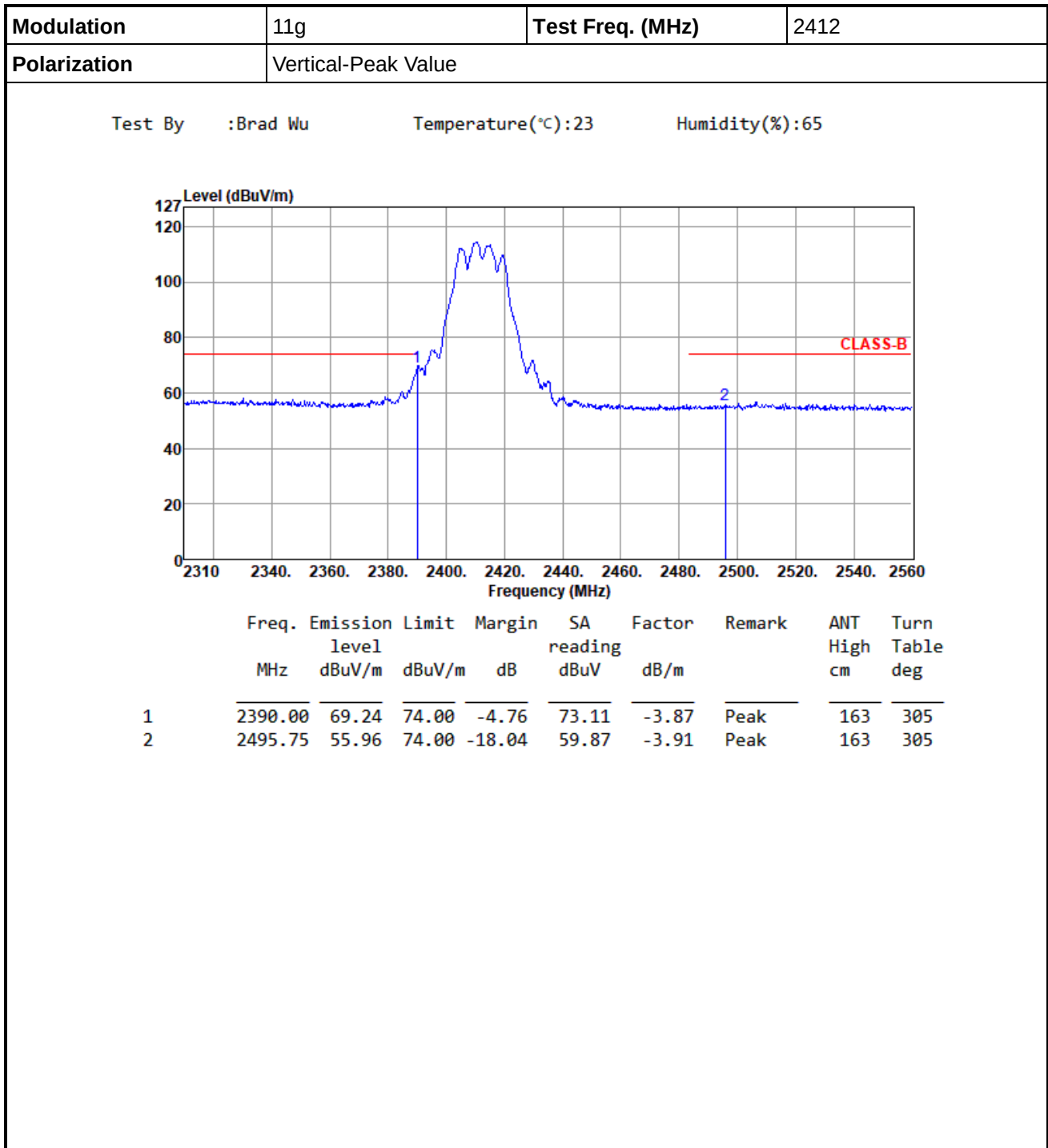
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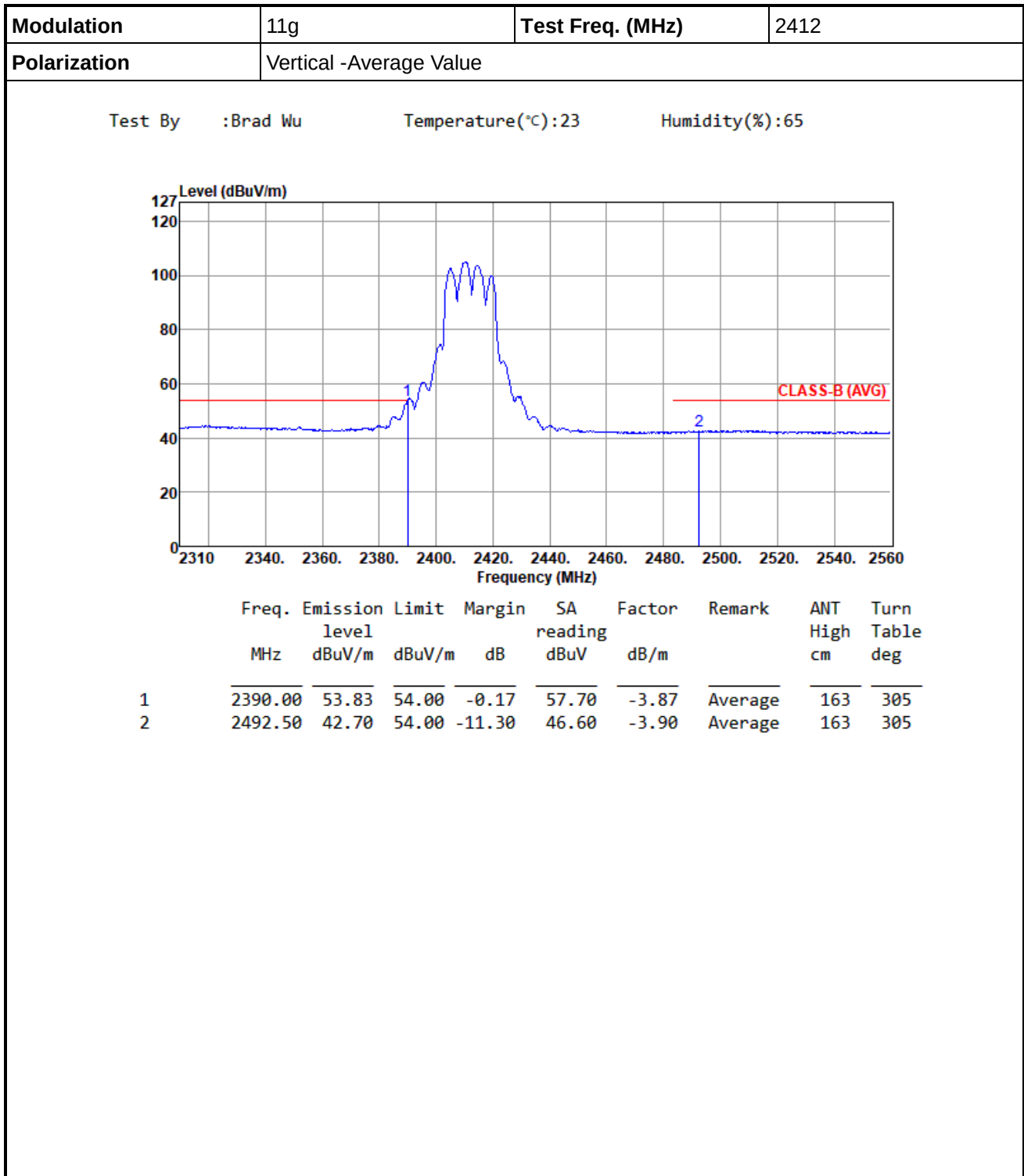


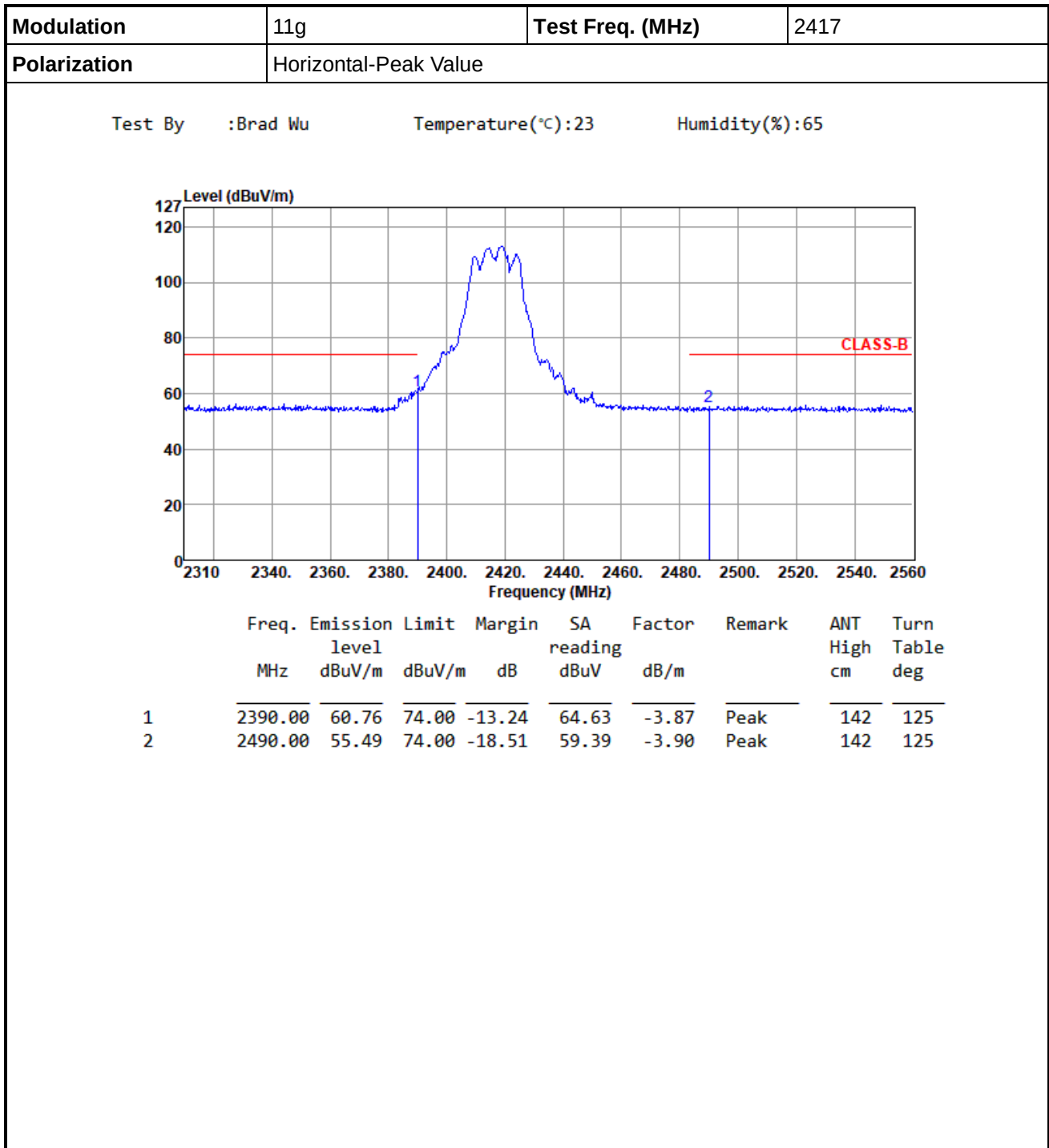








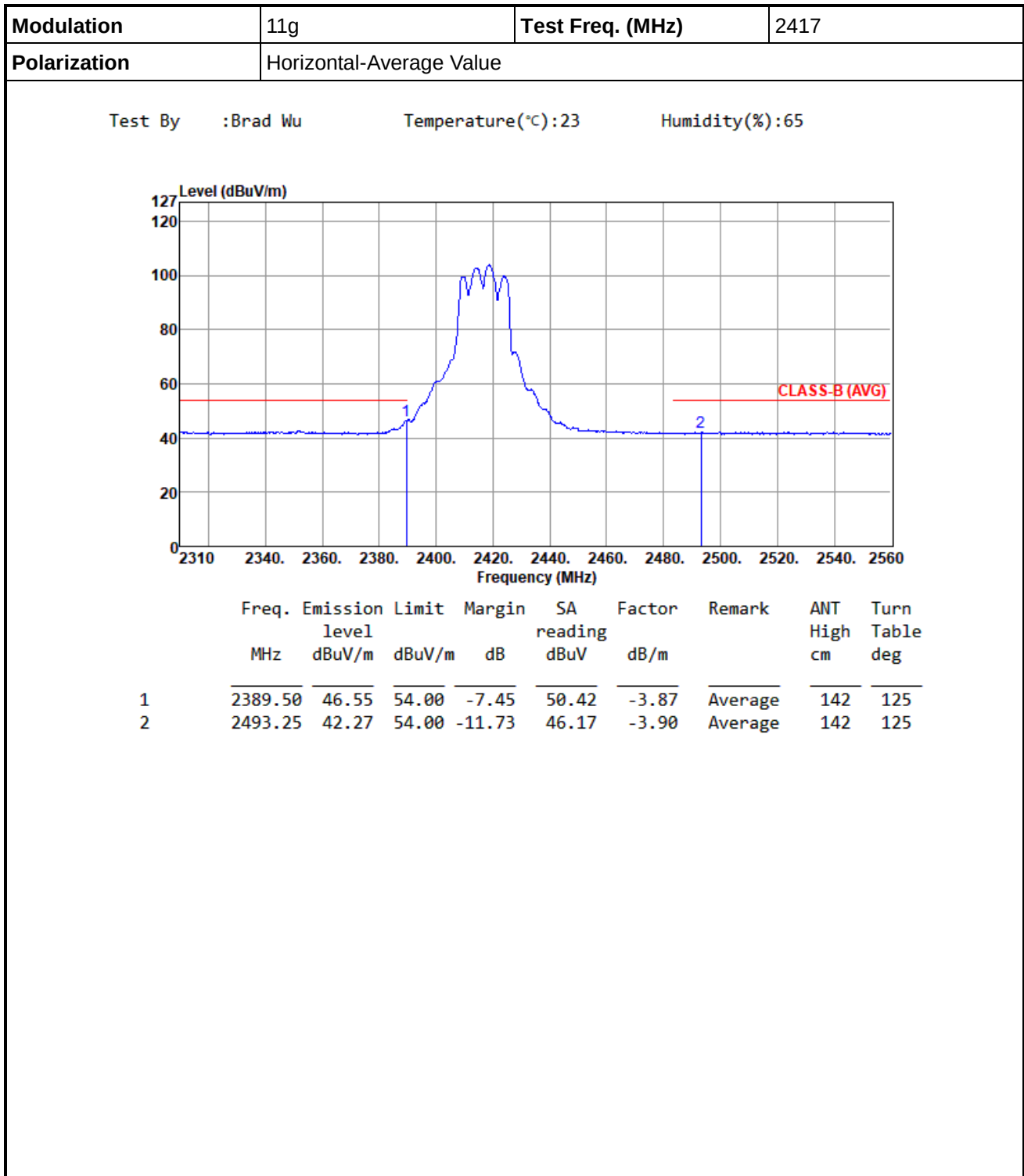


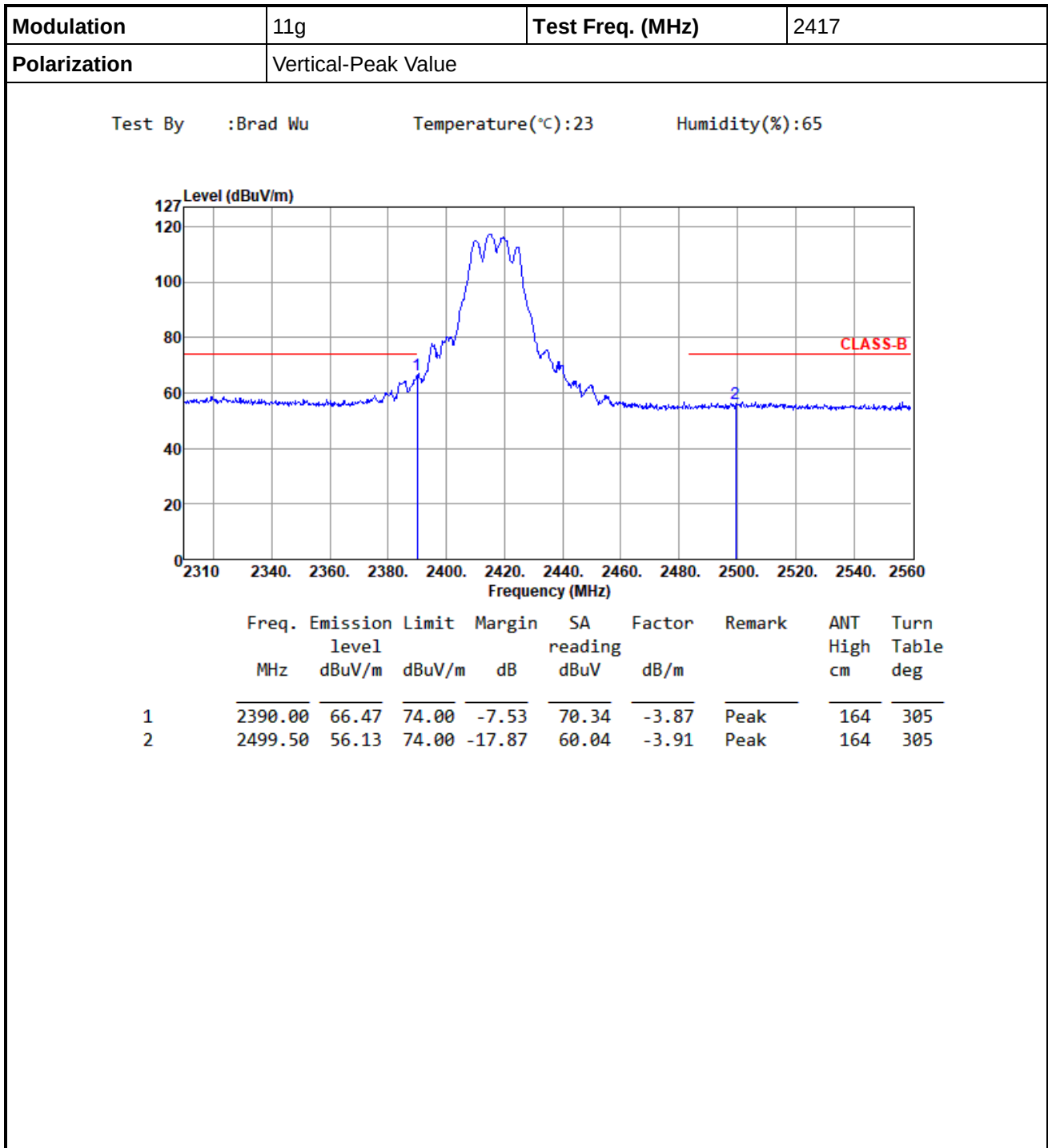




Band Edge measurement

Appendix D.3

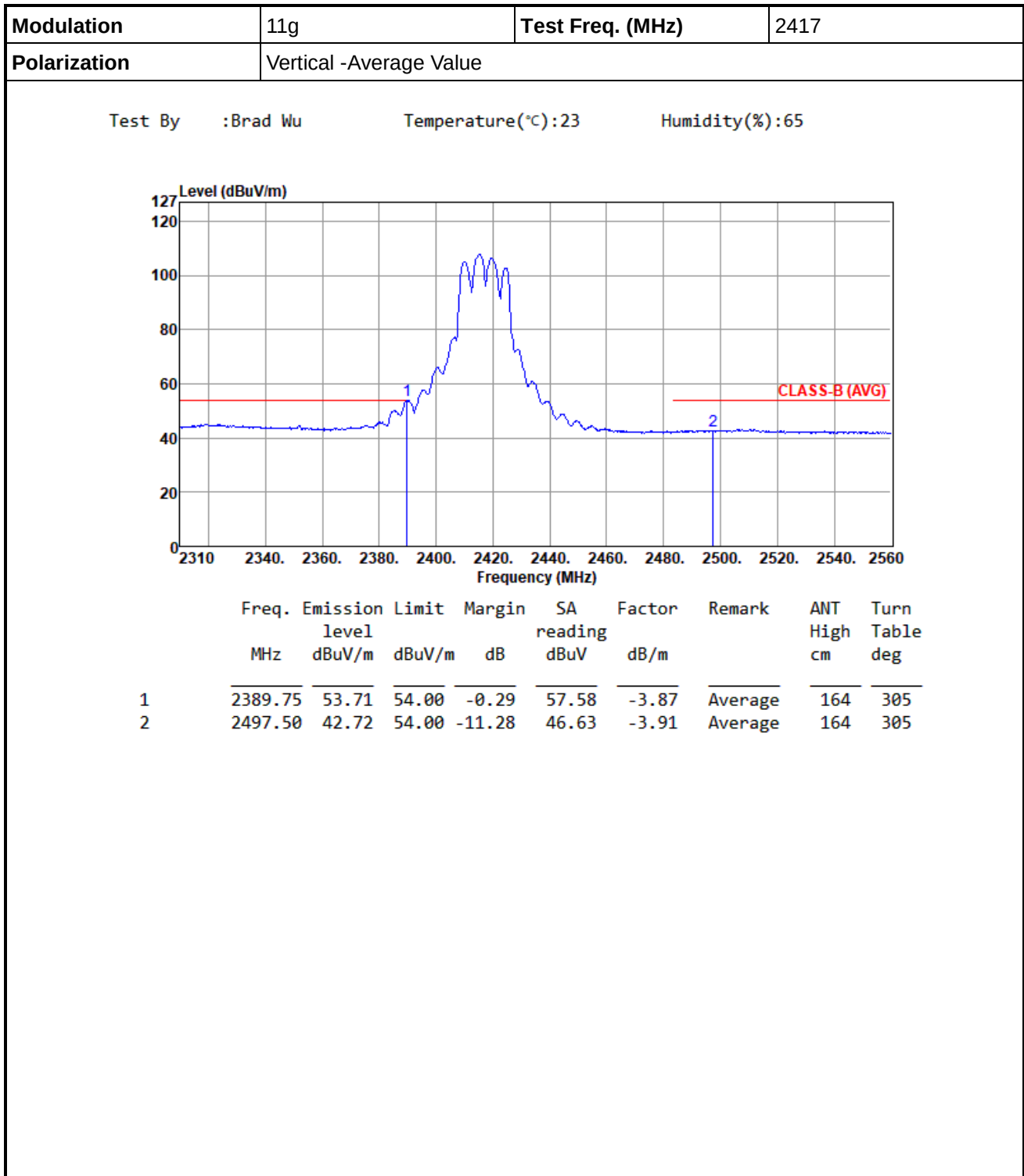


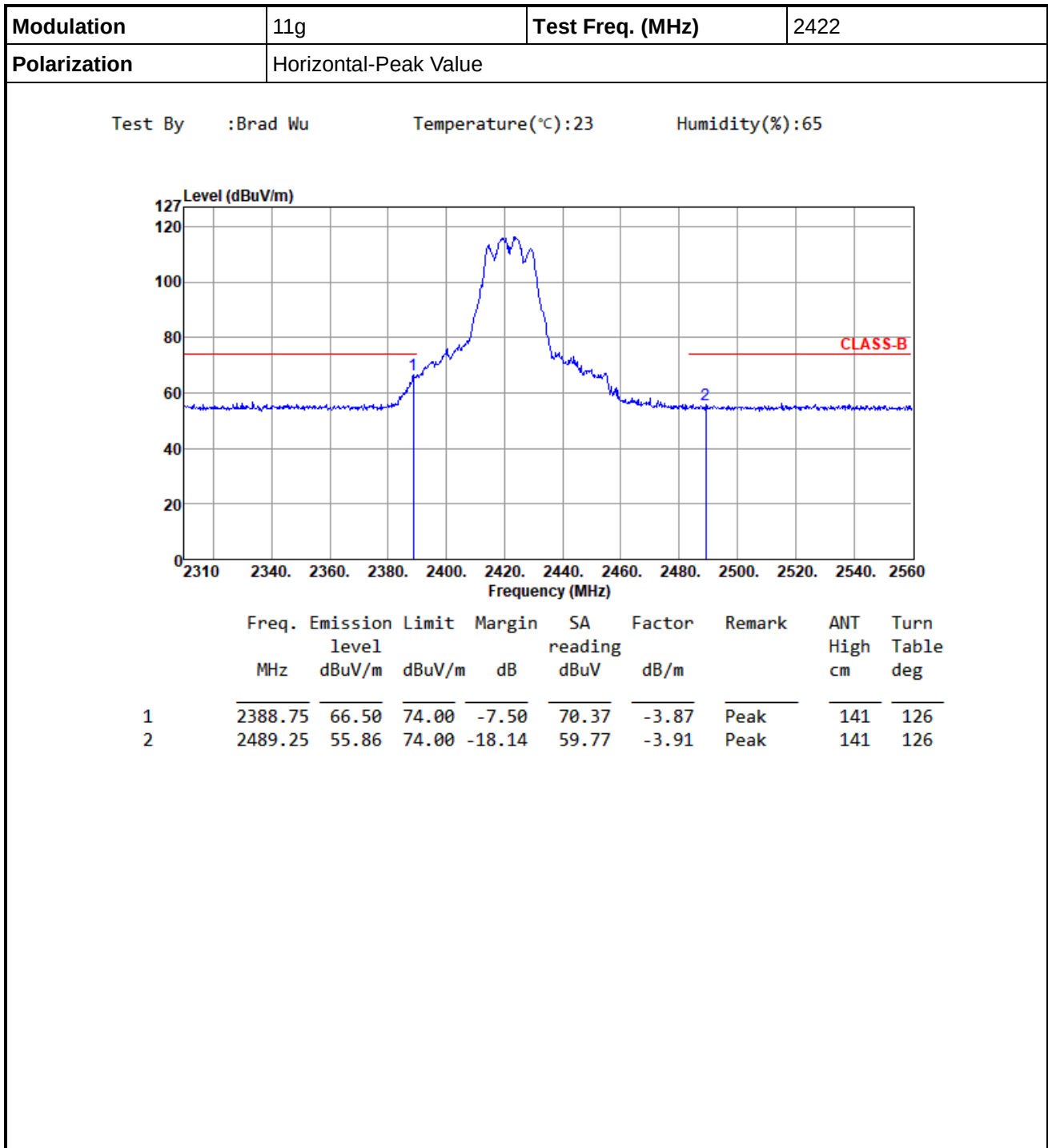


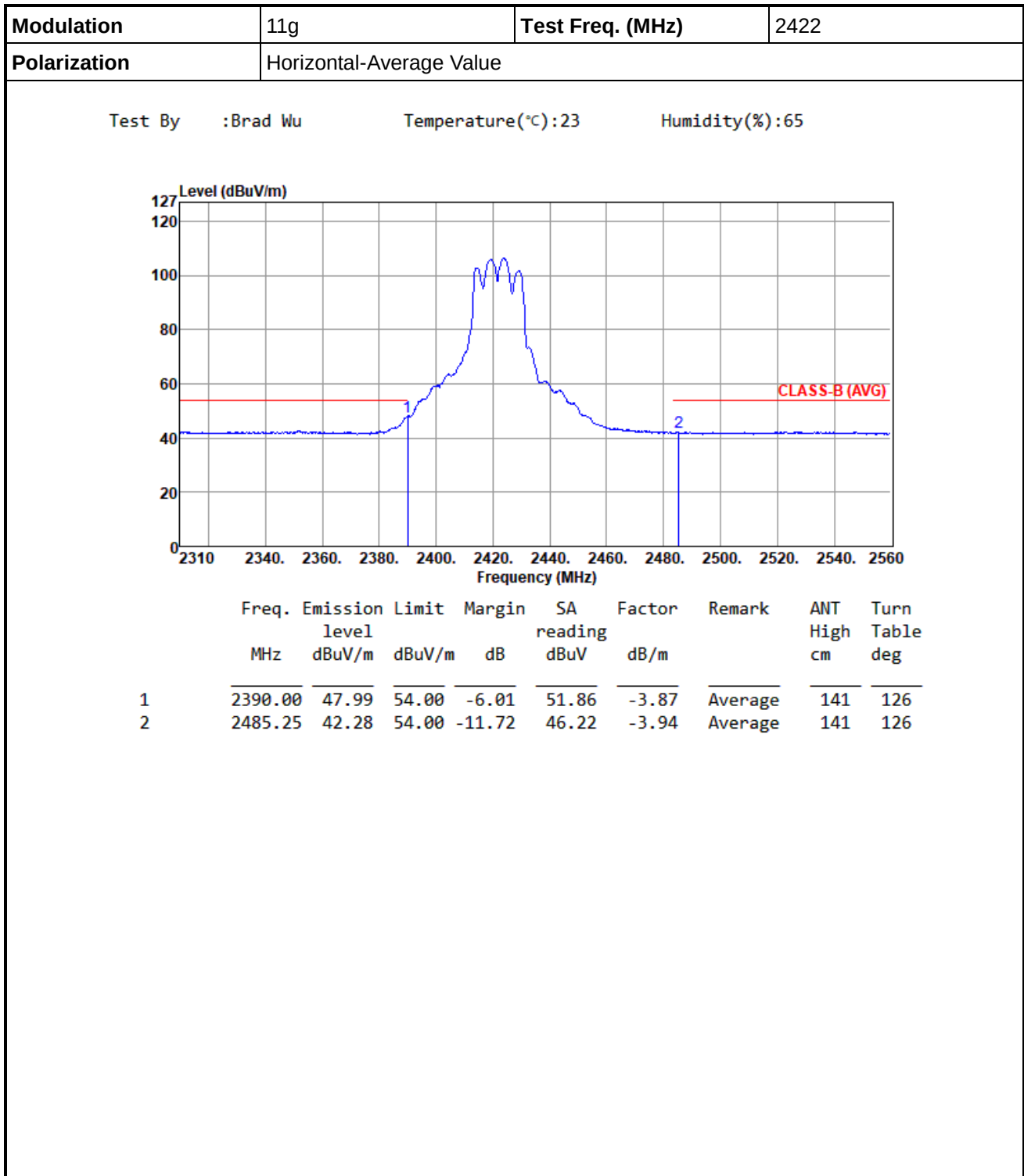


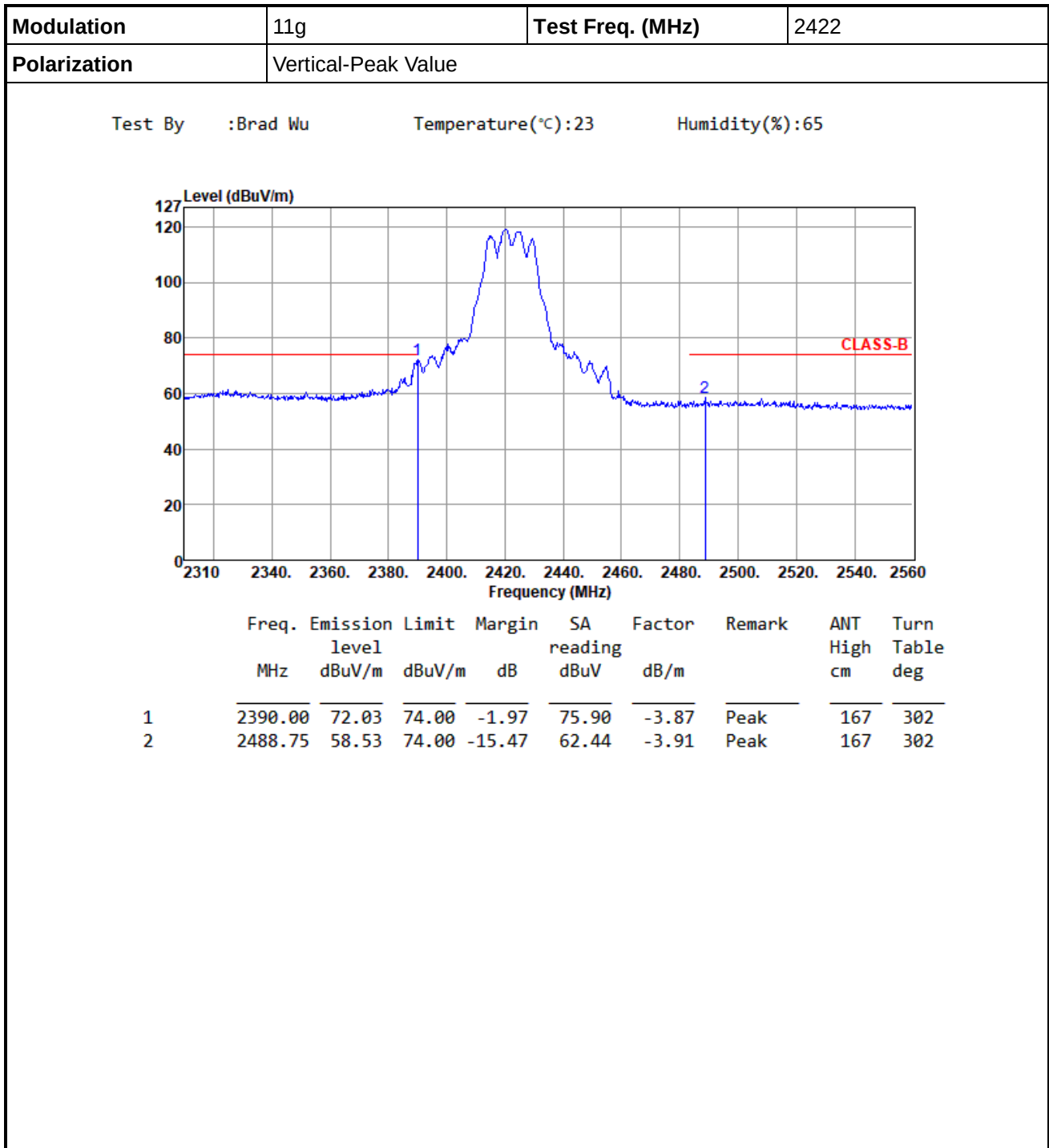
Band Edge measurement

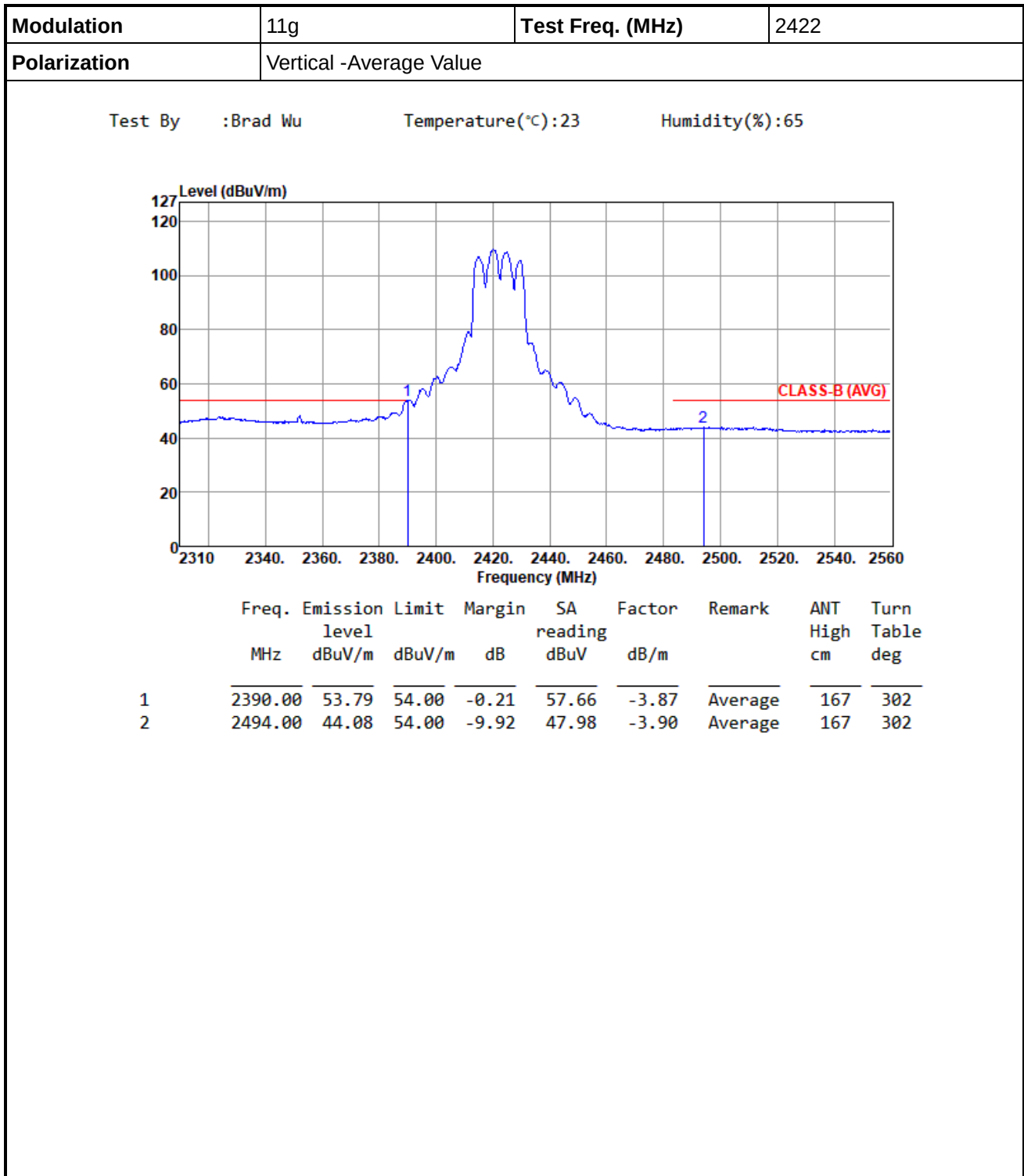
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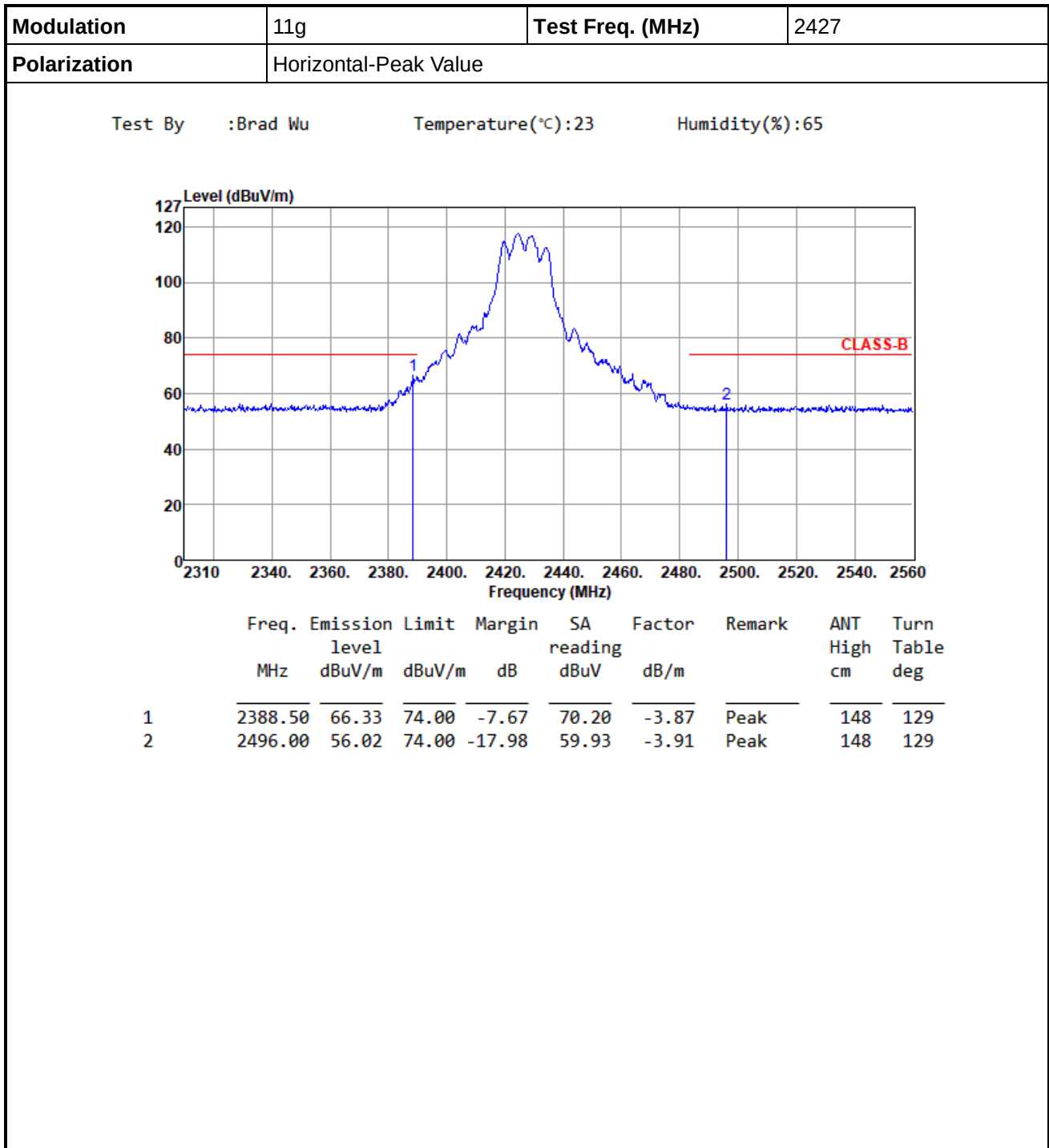


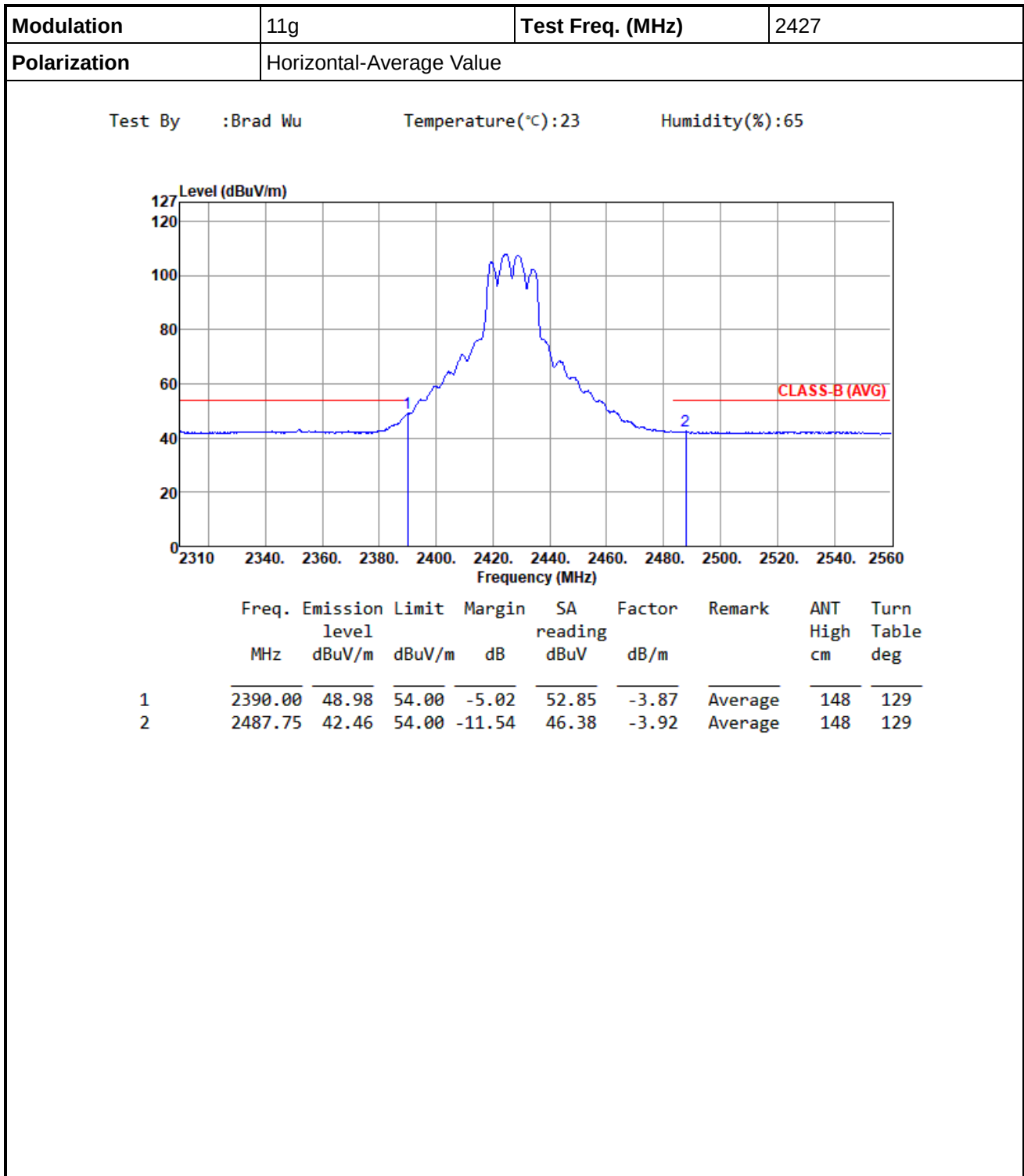


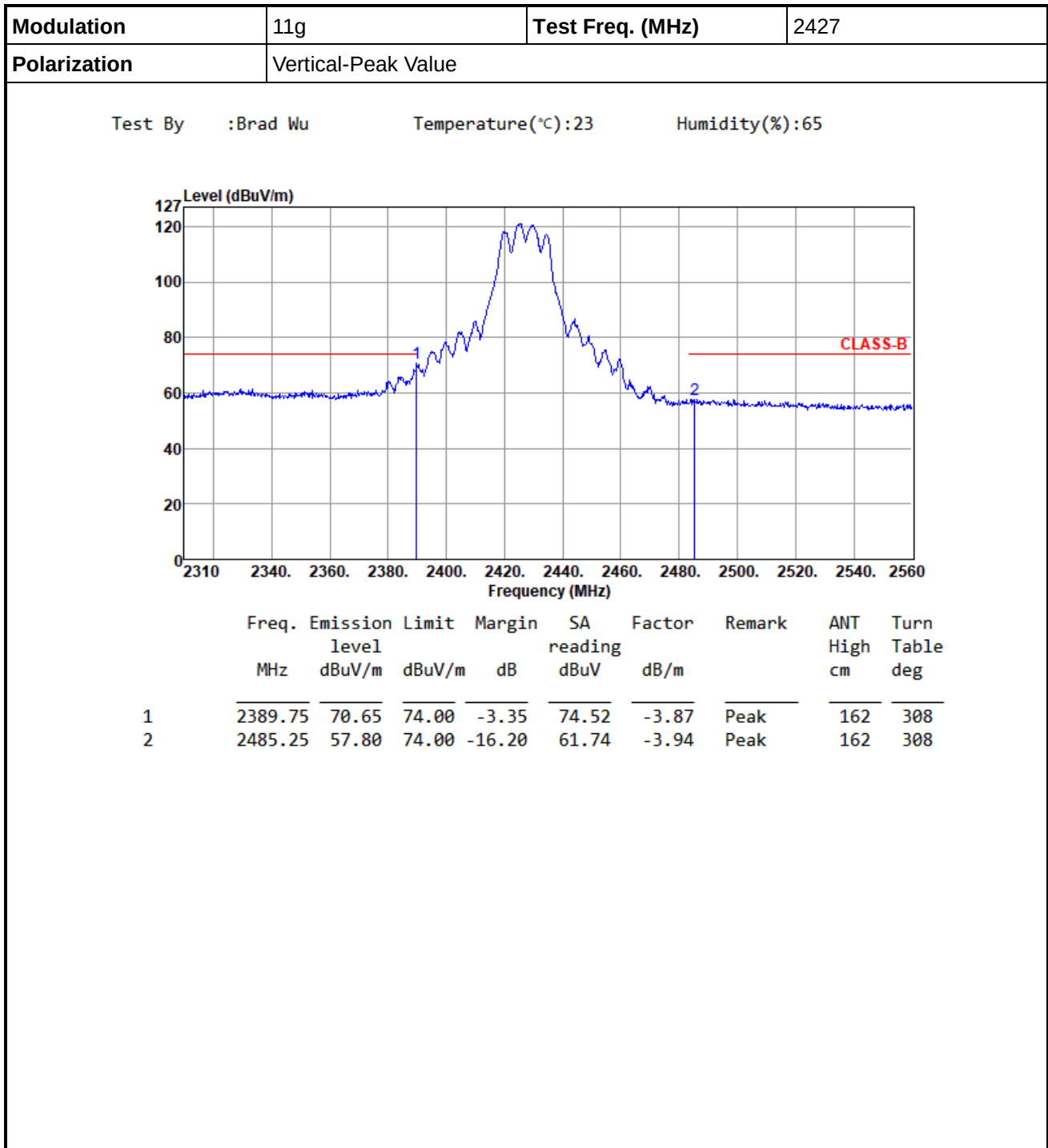


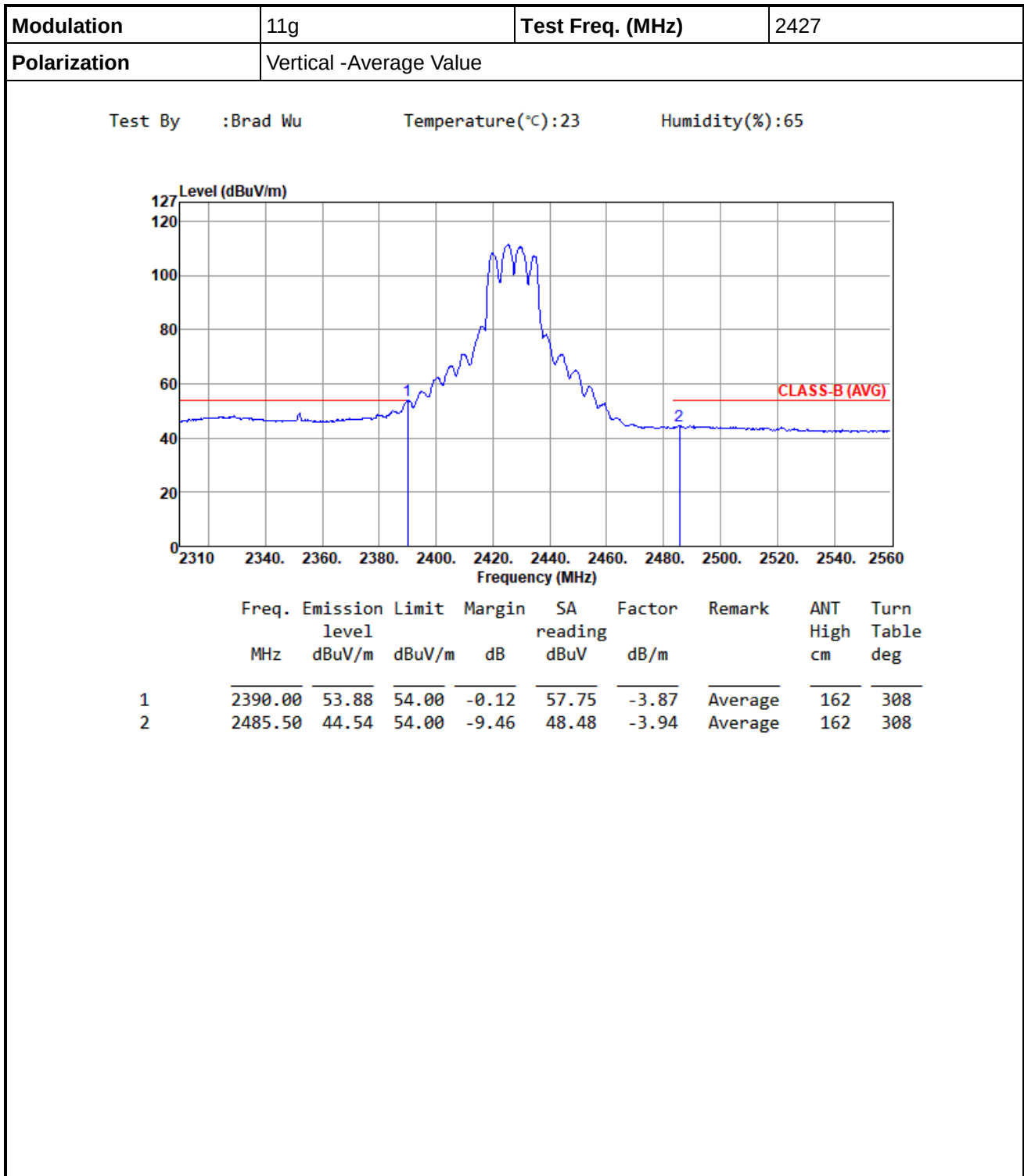
Band Edge measurement

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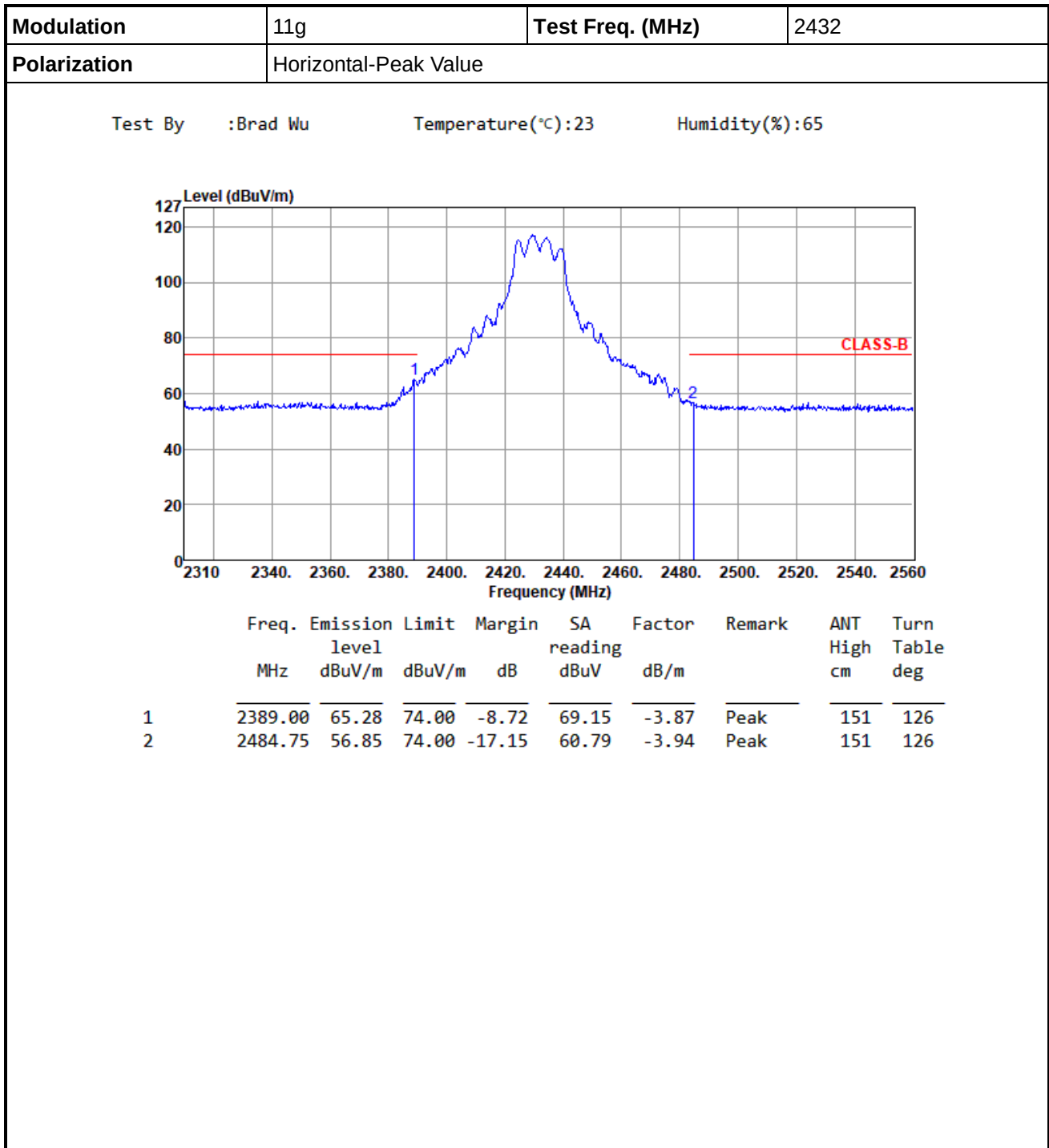


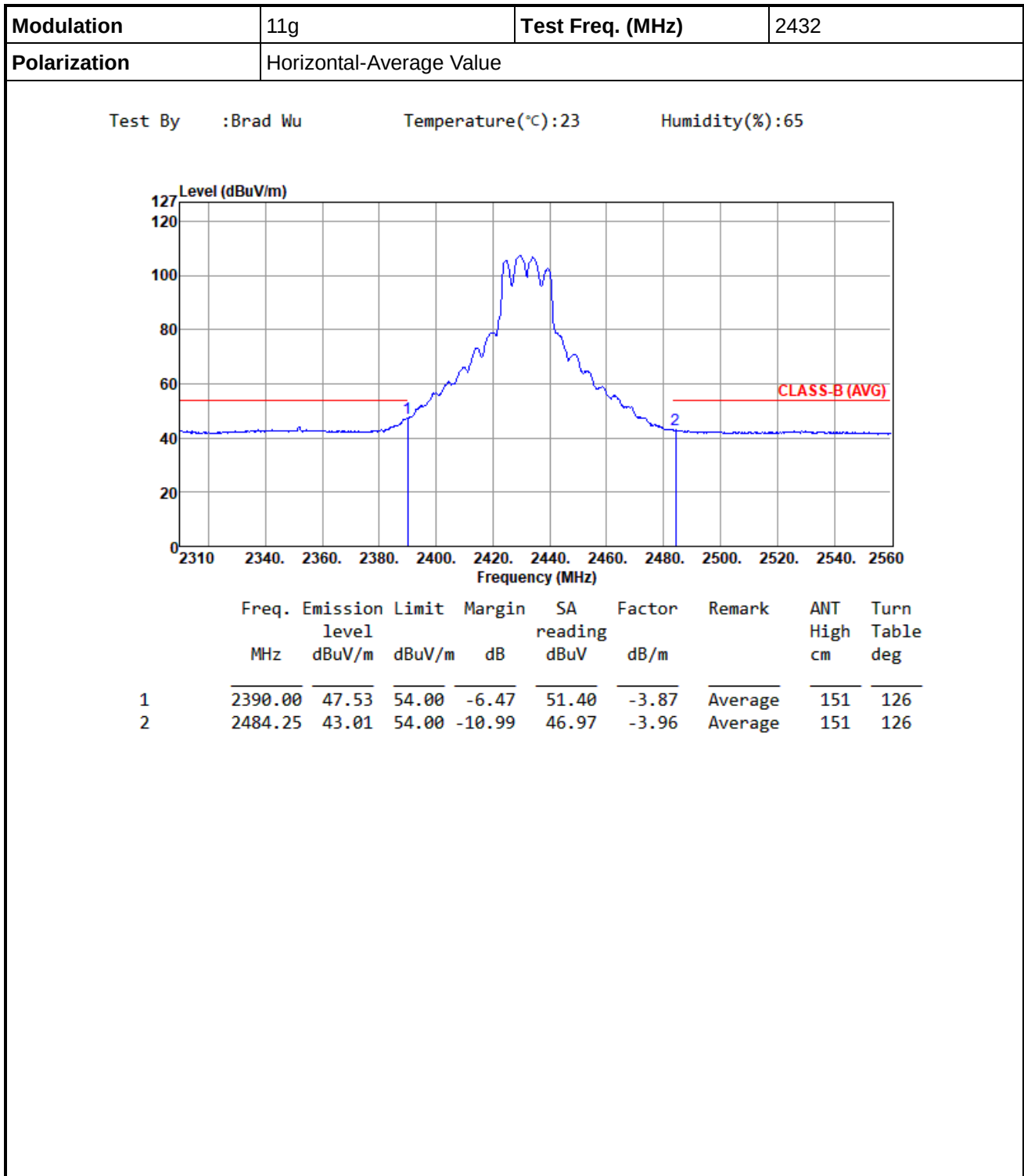


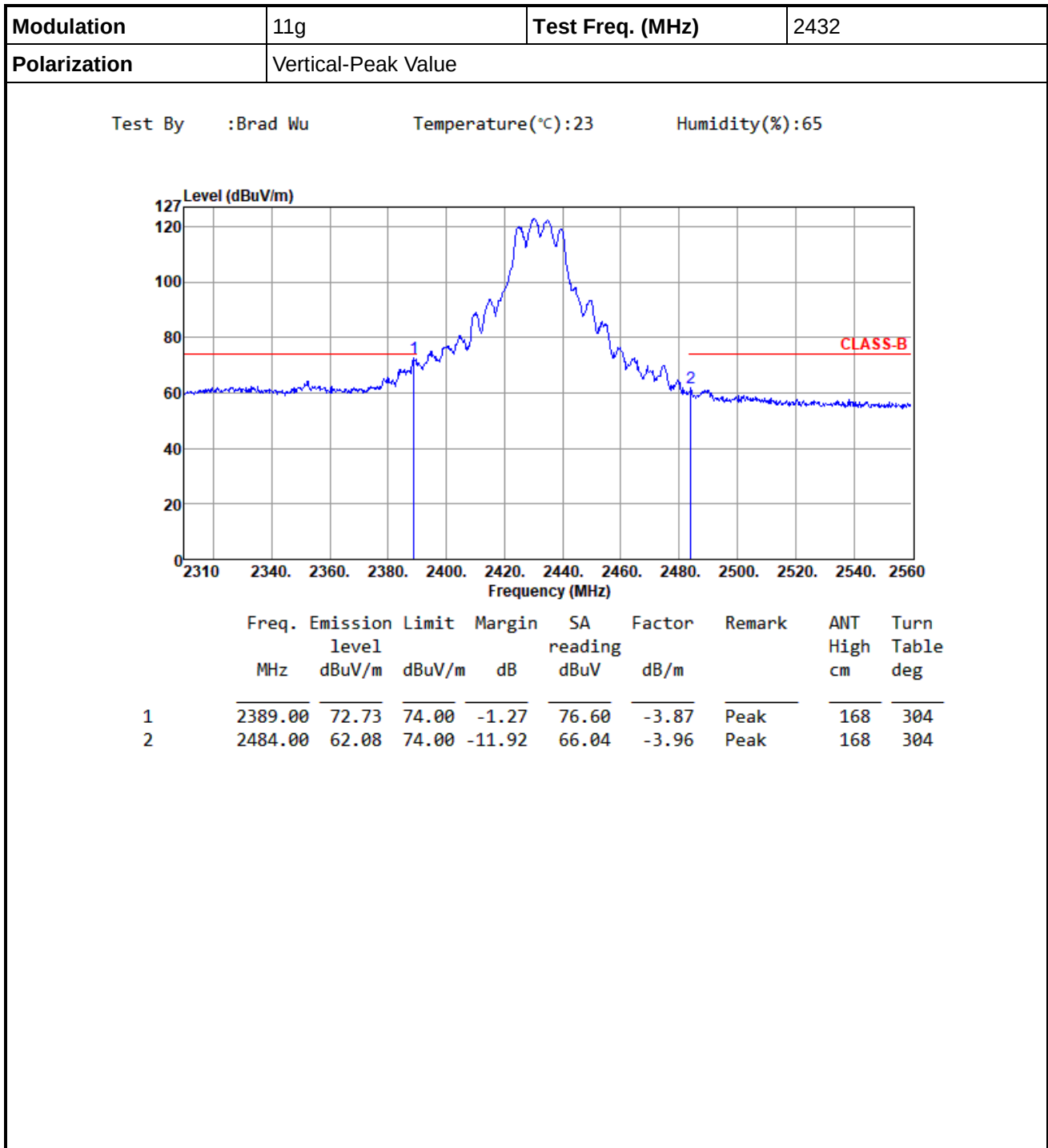


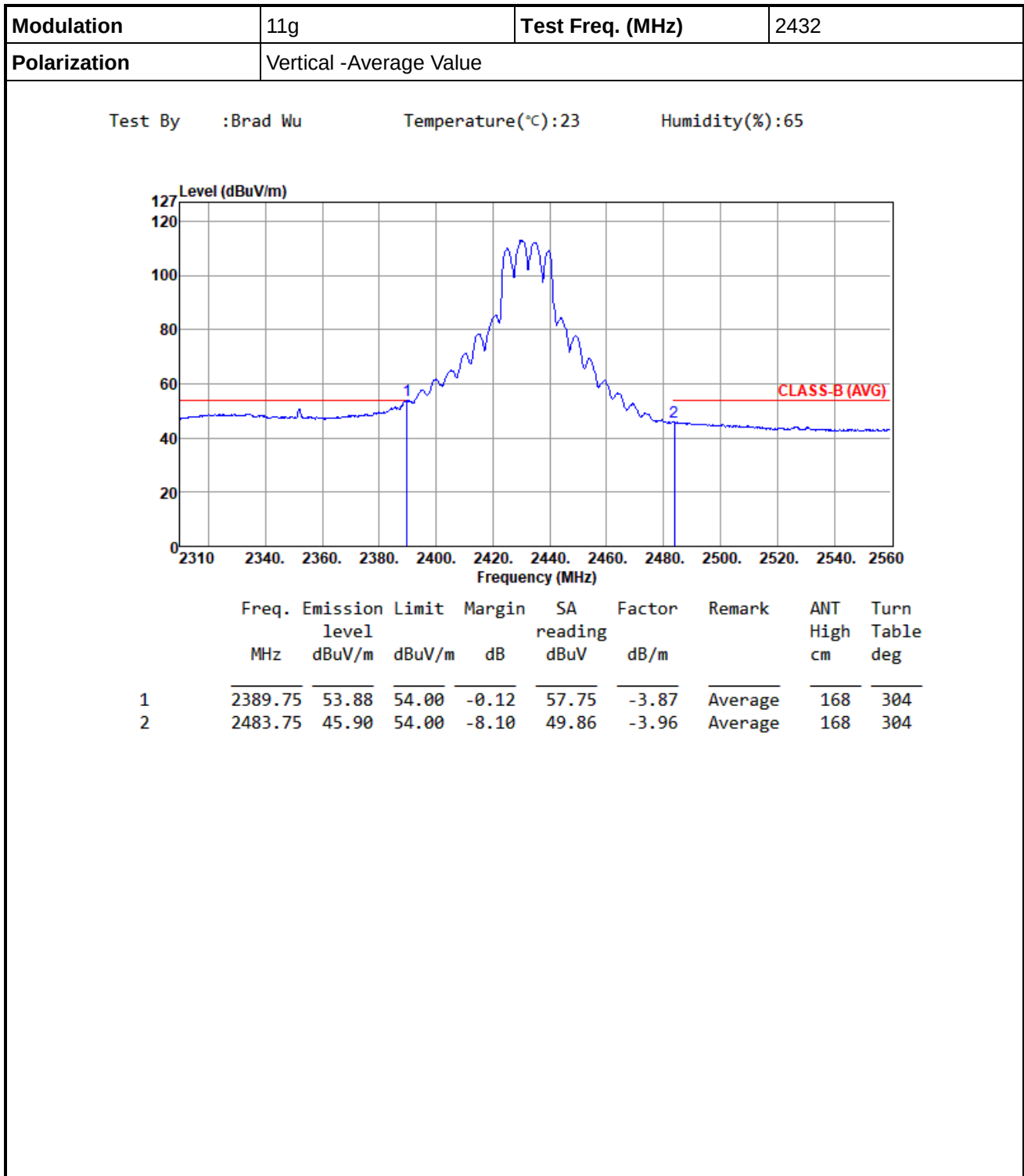
Band Edge measurement

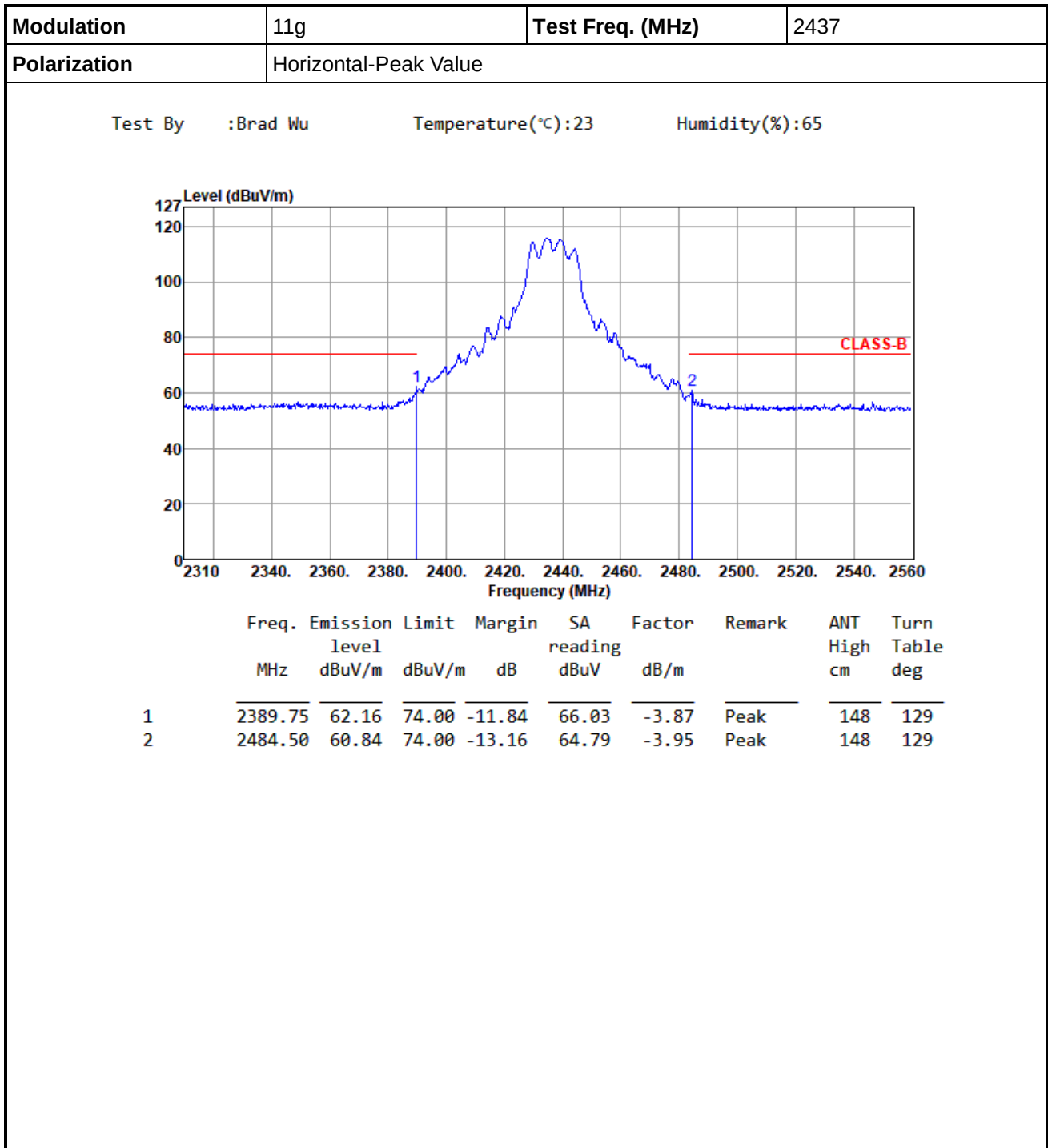
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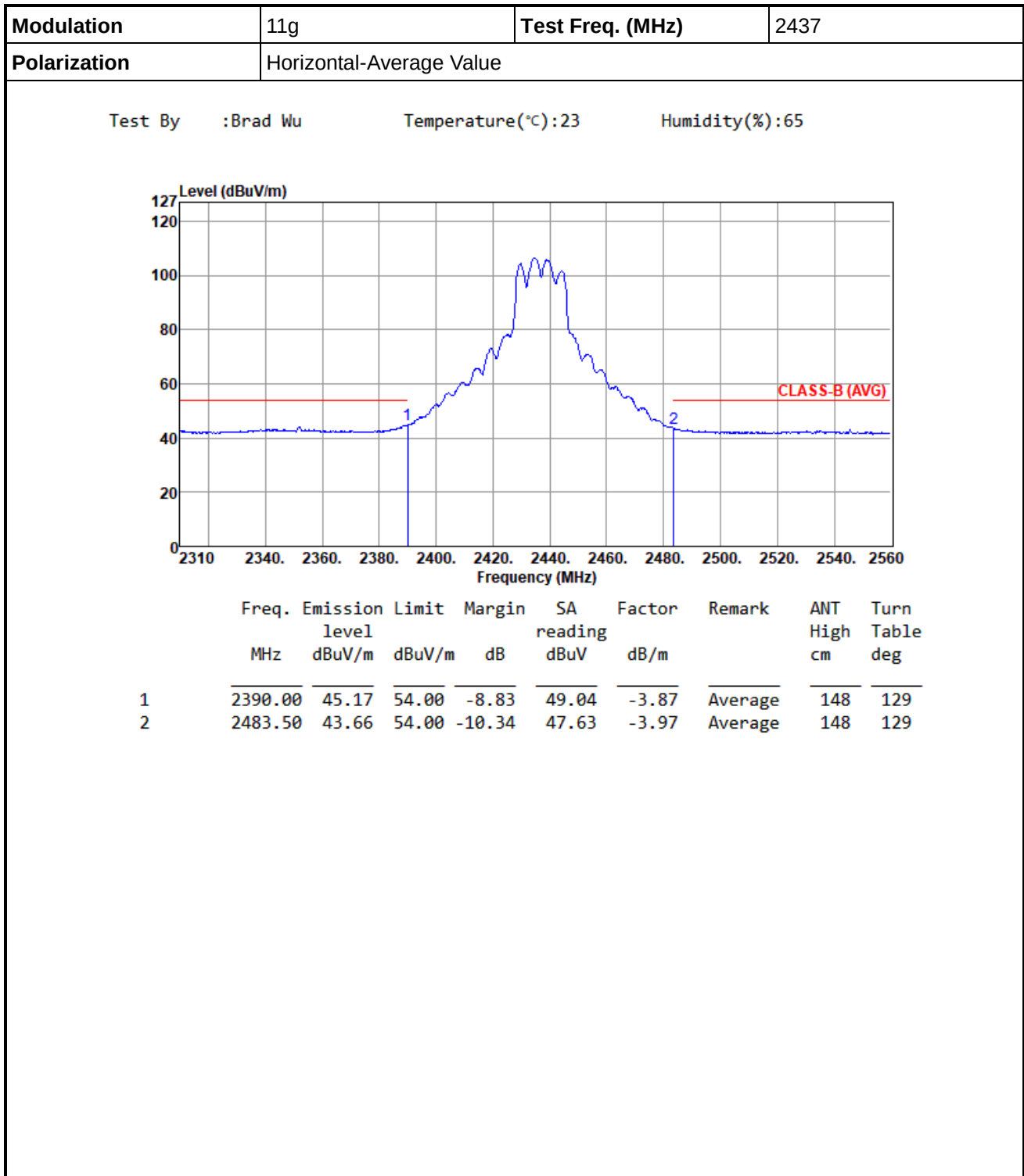


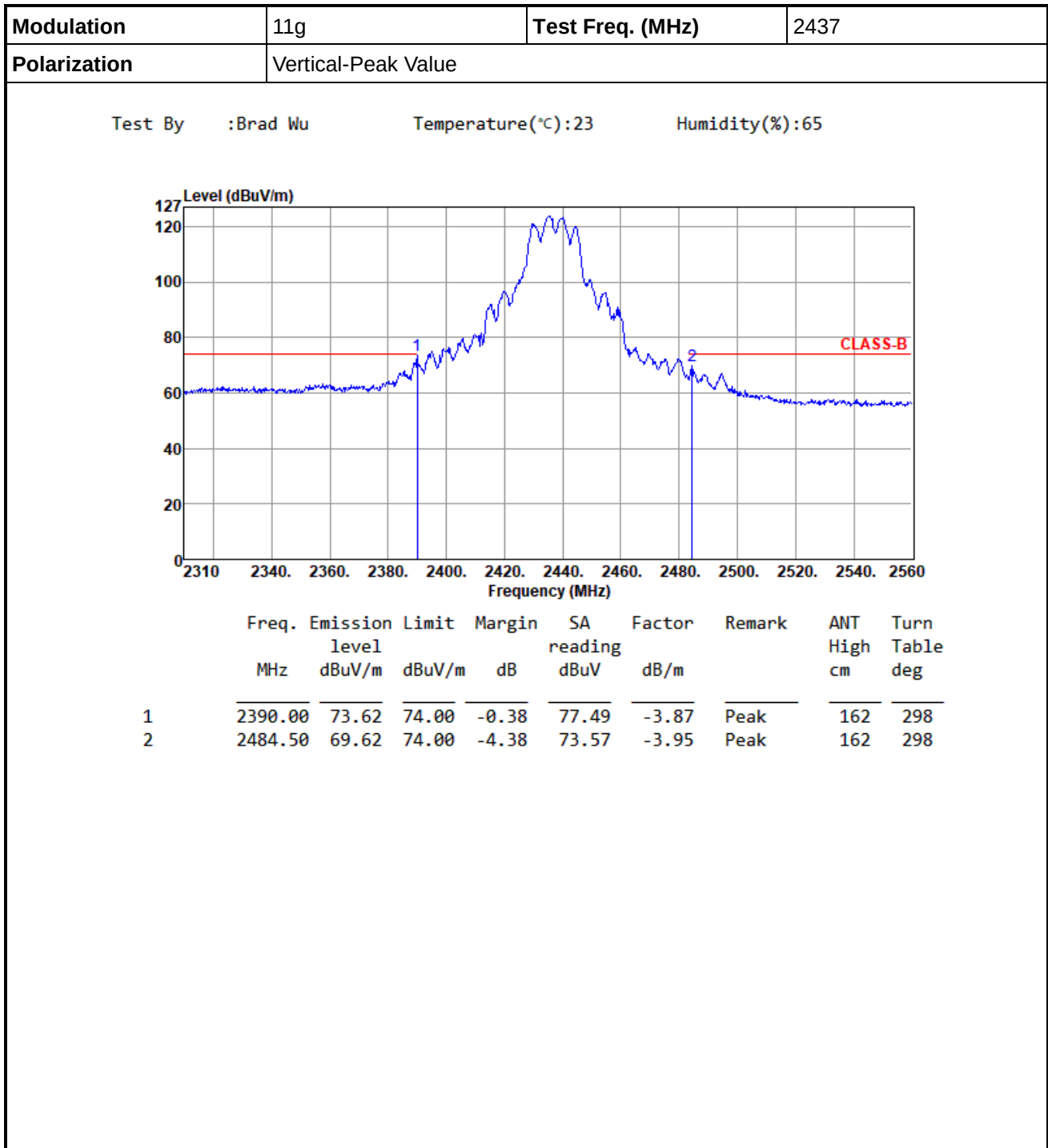


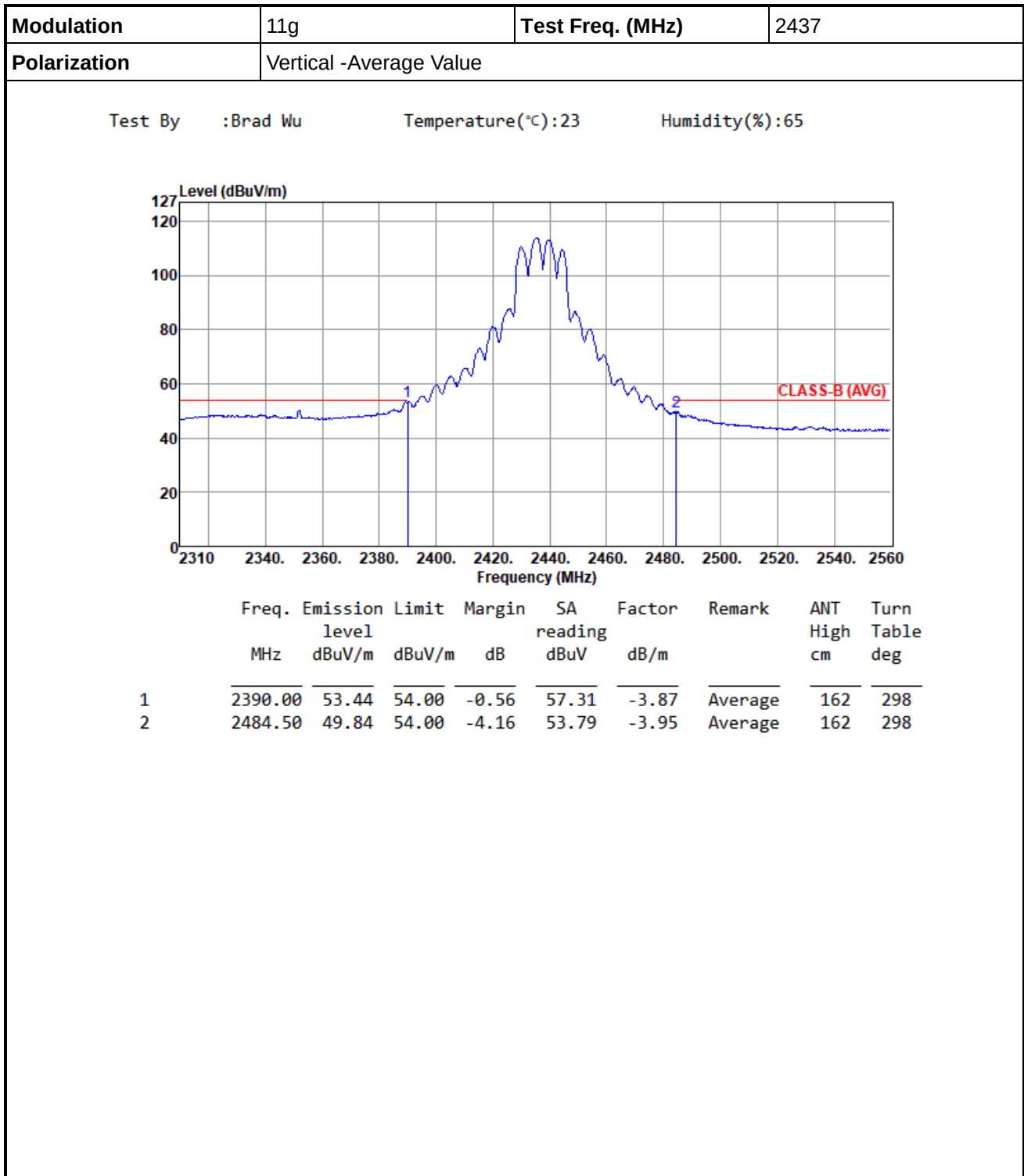


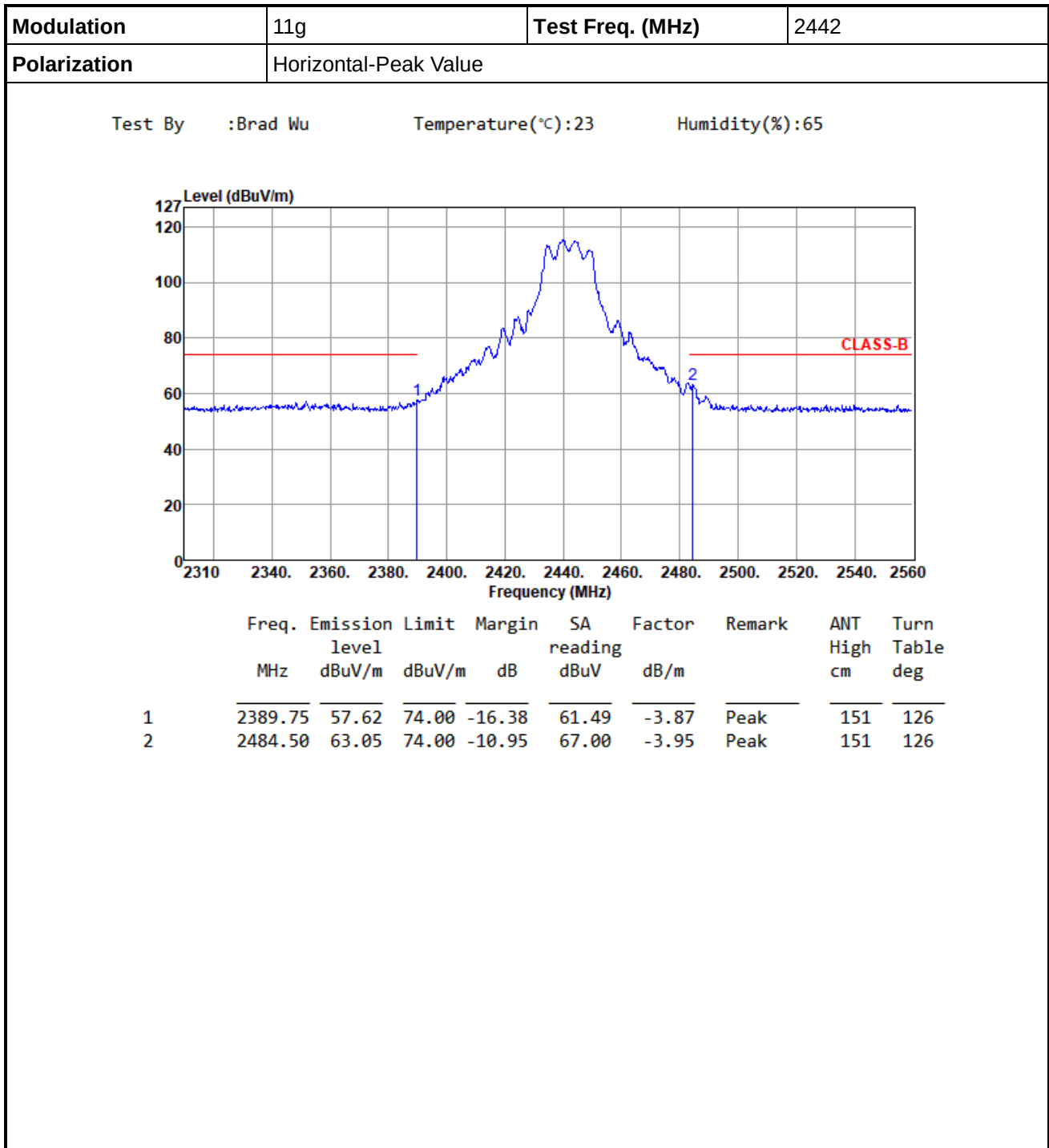


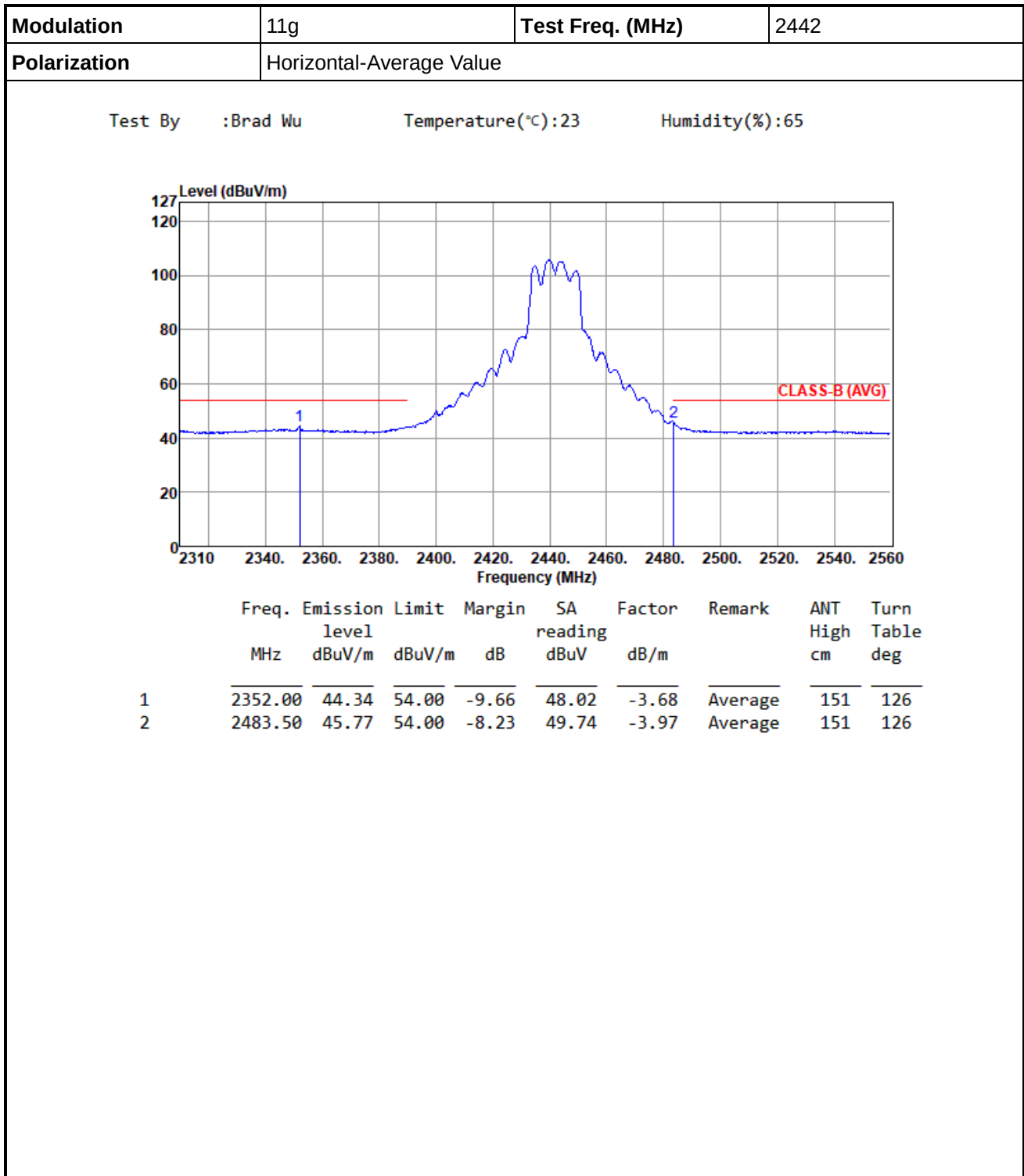


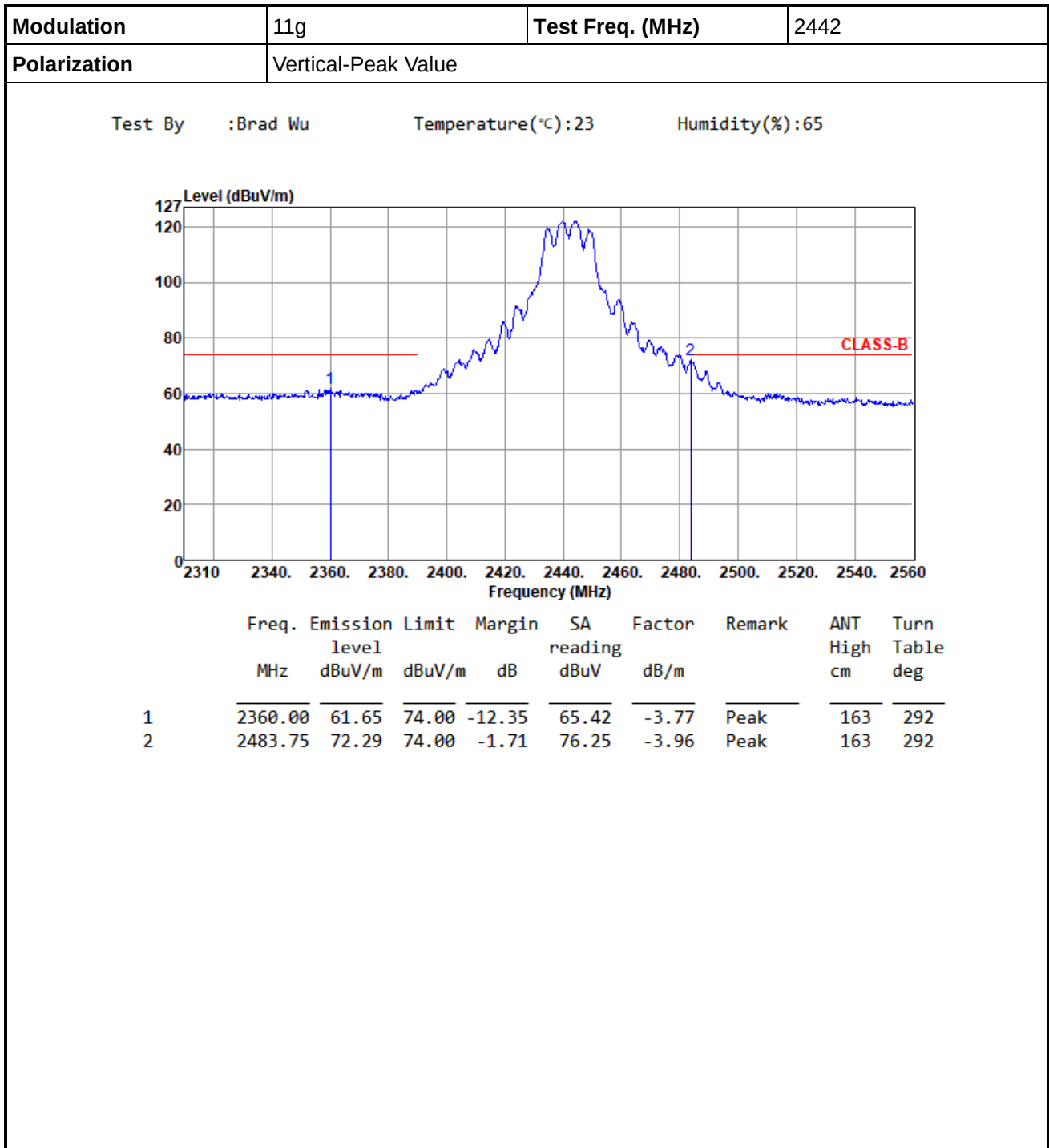








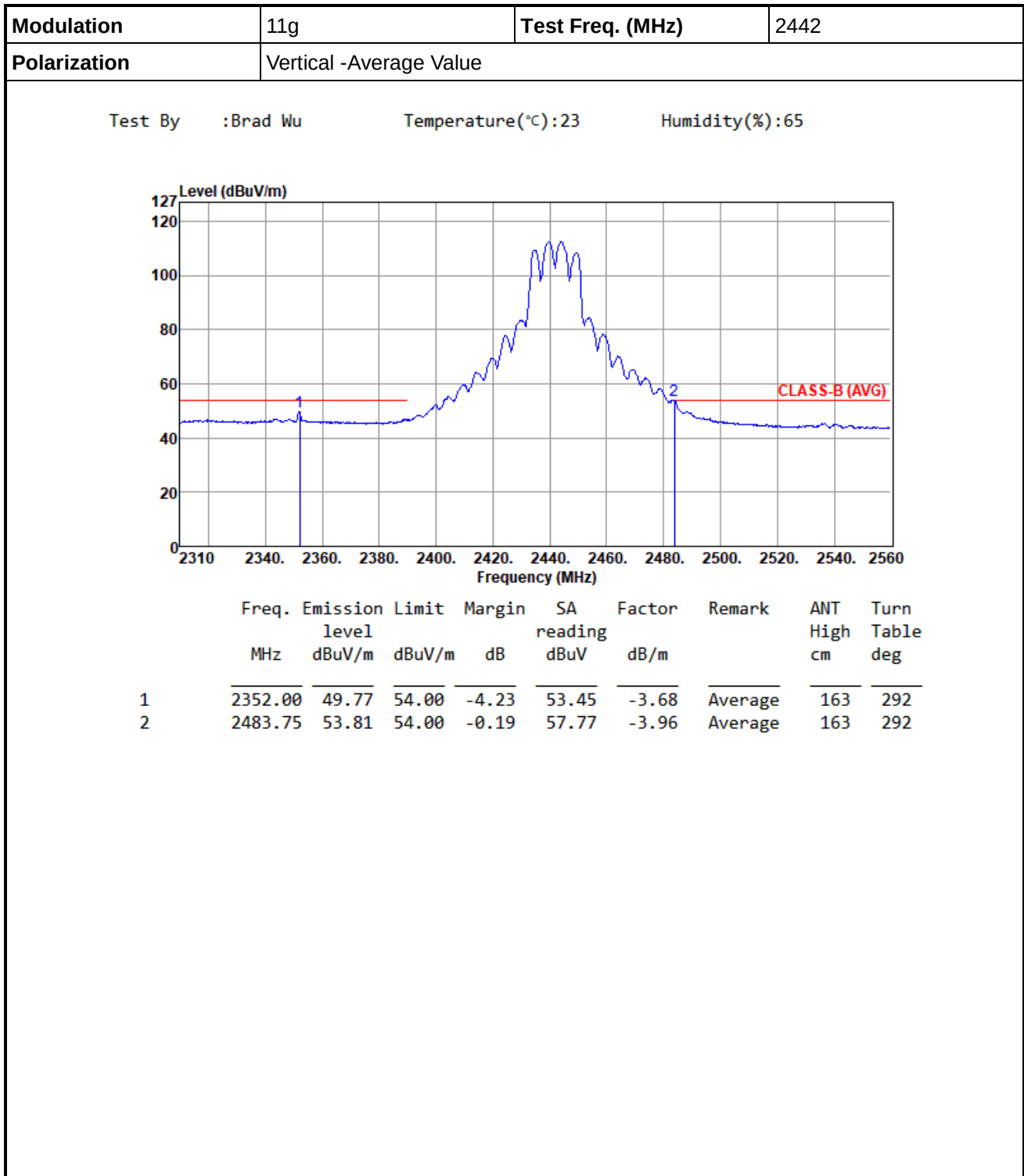


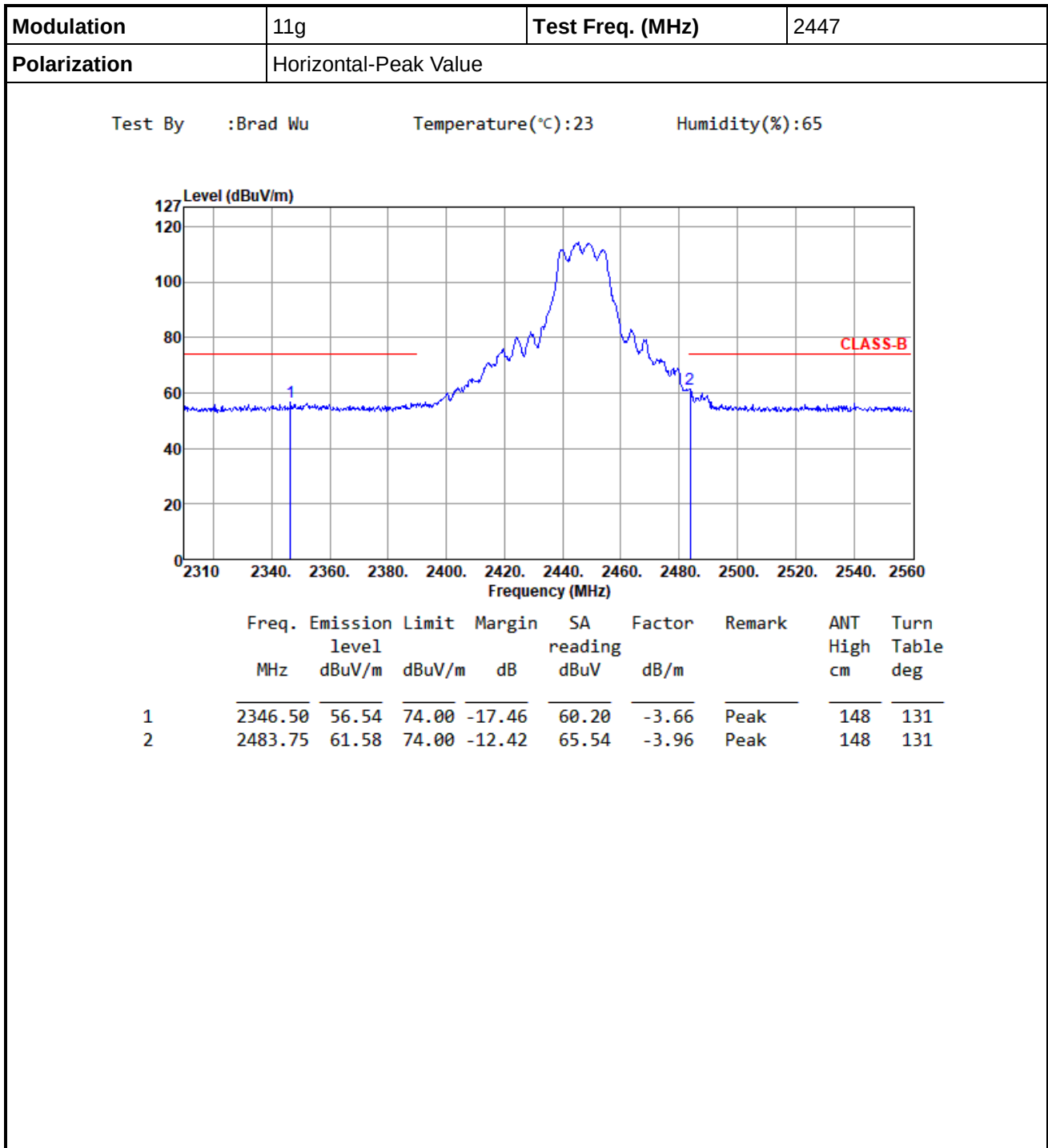


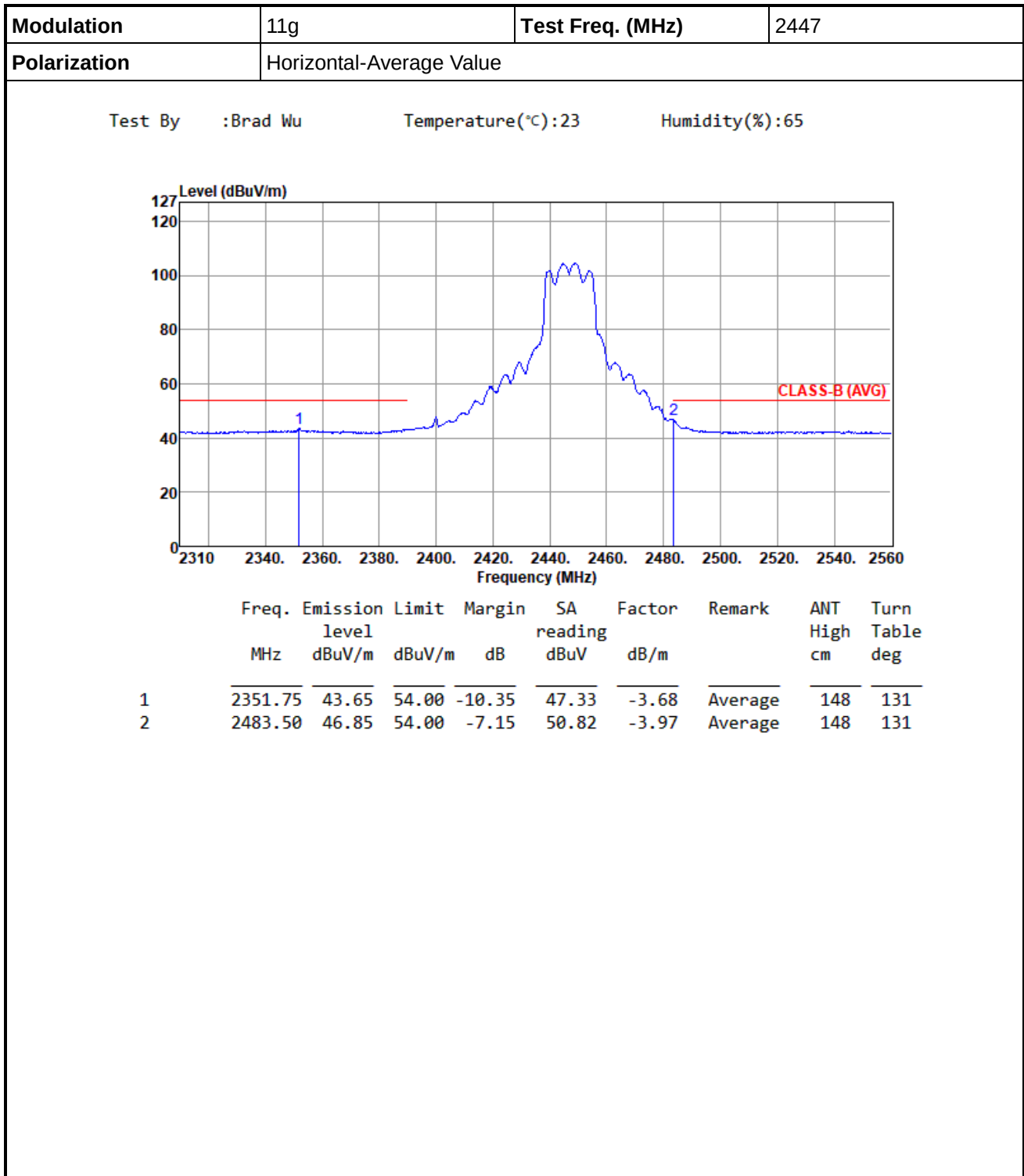


Band Edge measurement

Appendix D.3



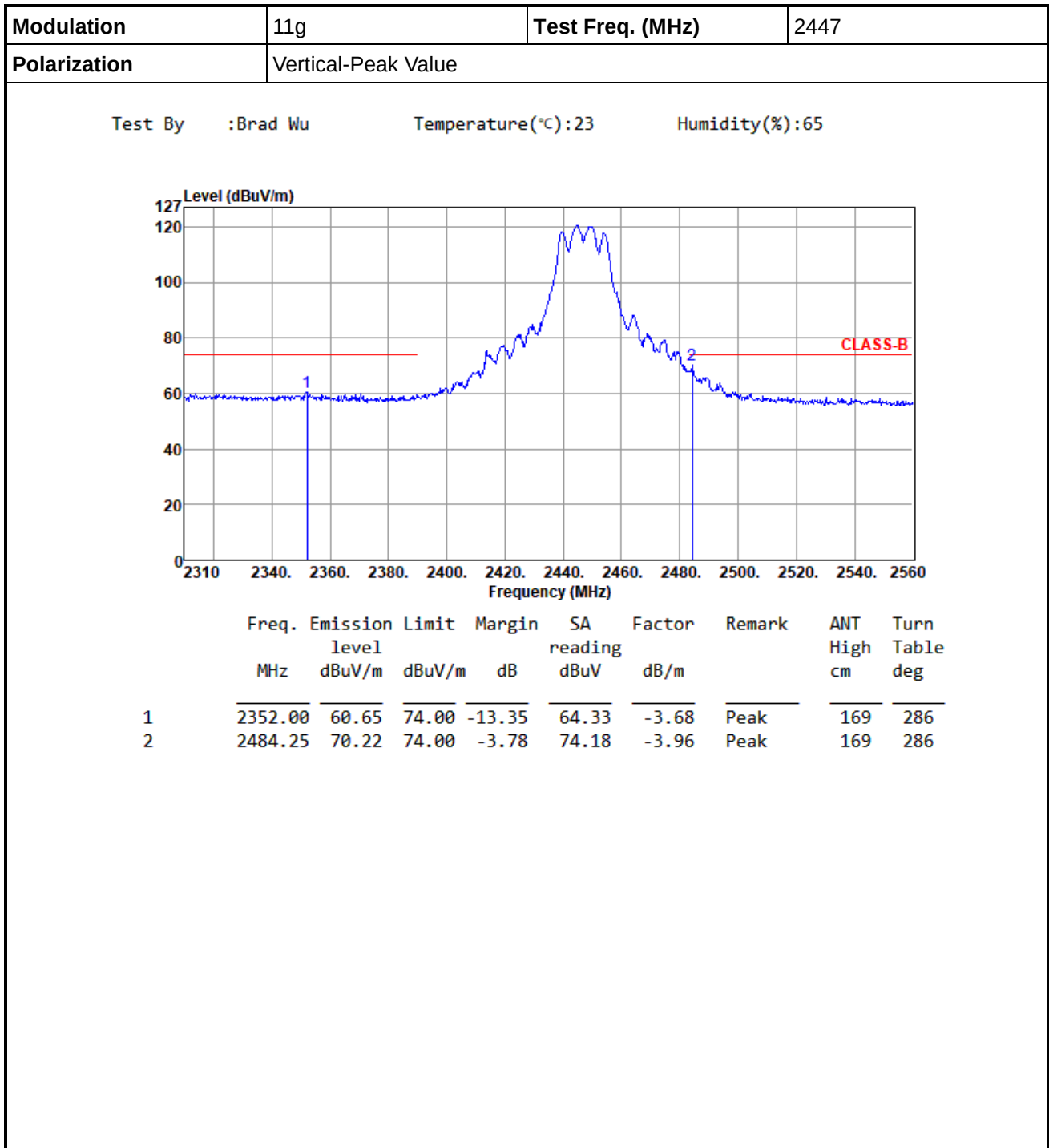






Band Edge measurement

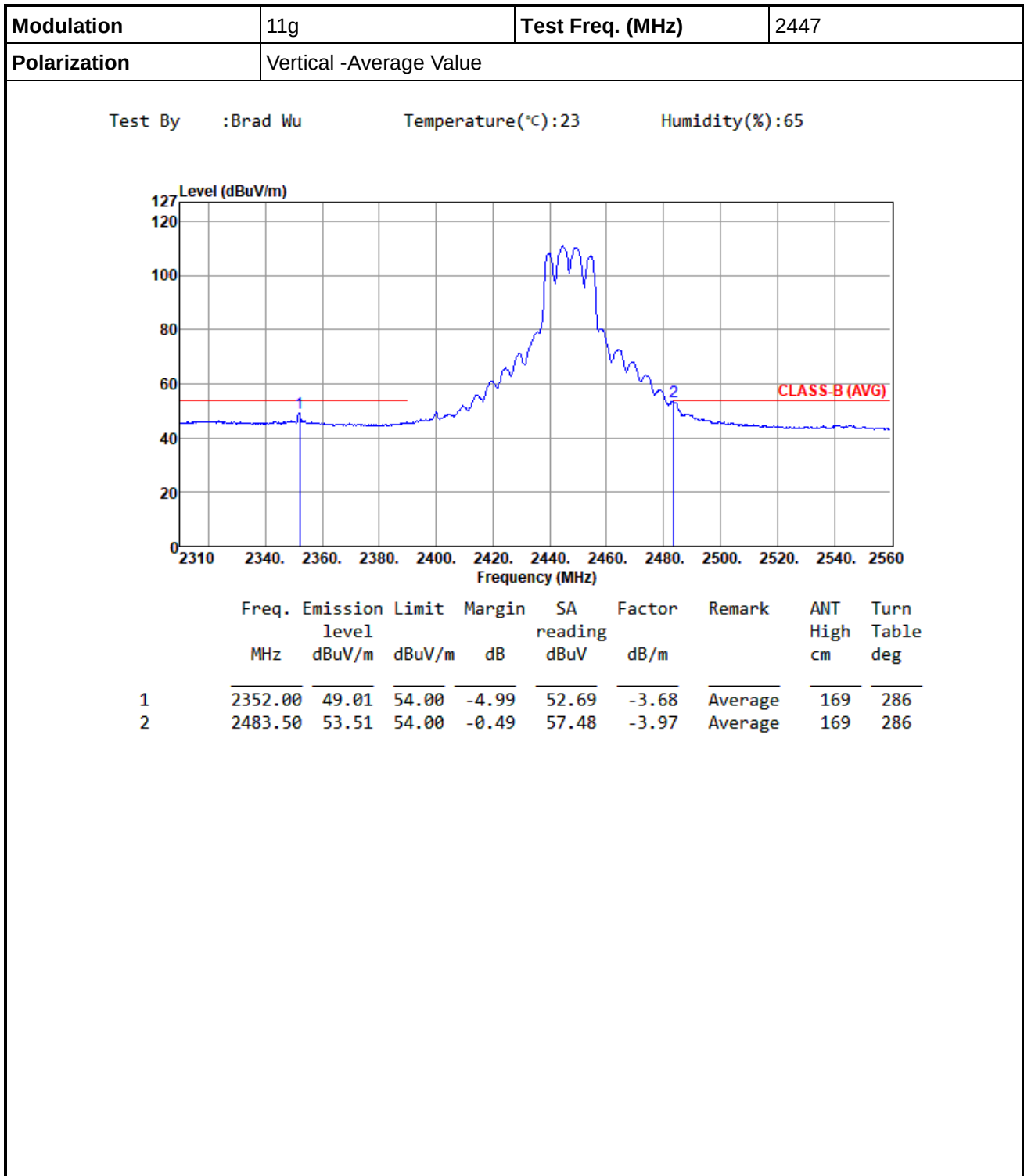
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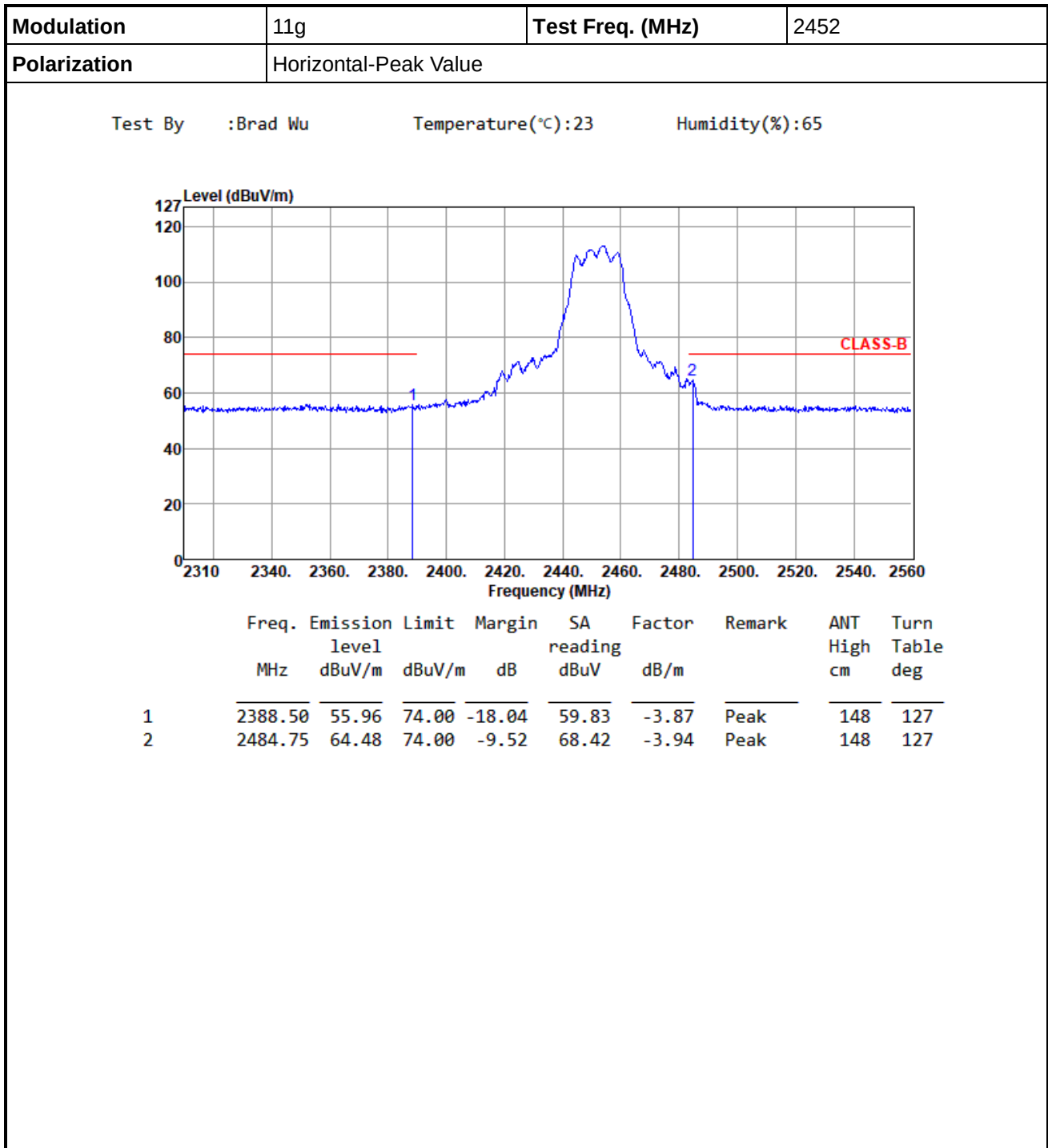


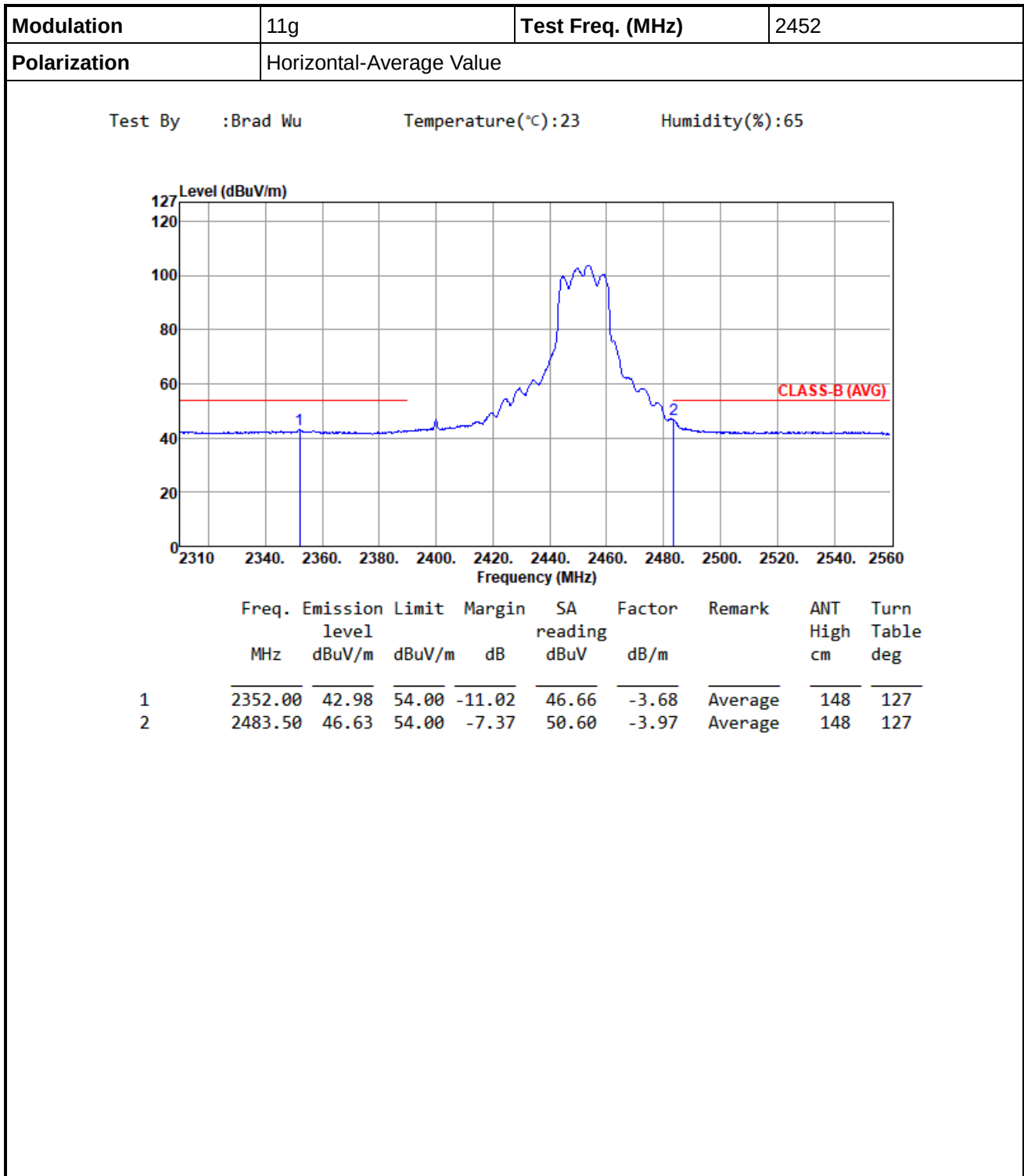


Band Edge measurement

Appendix D.3



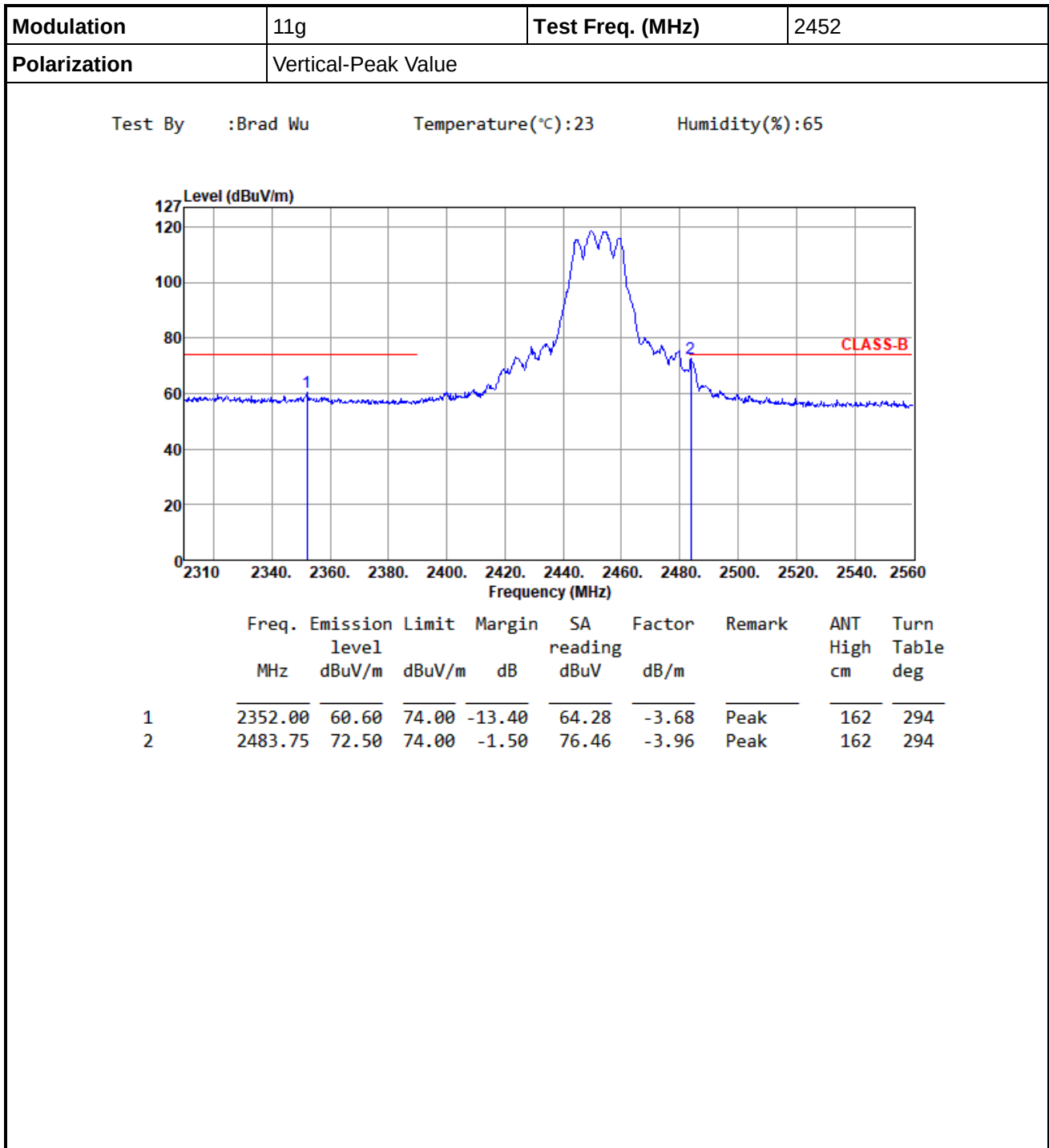






Band Edge measurement

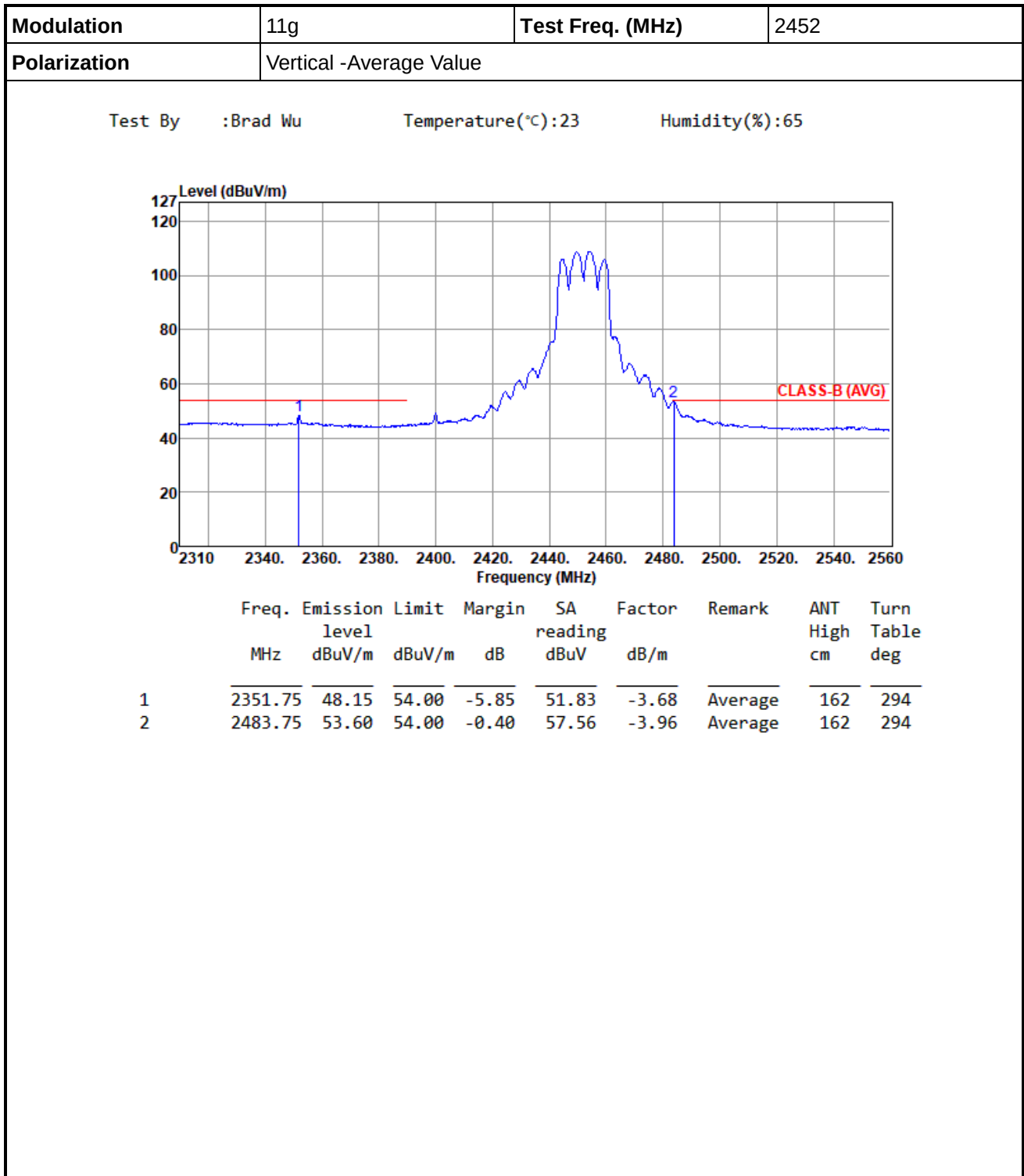
Appendix D.3





Band Edge measurement

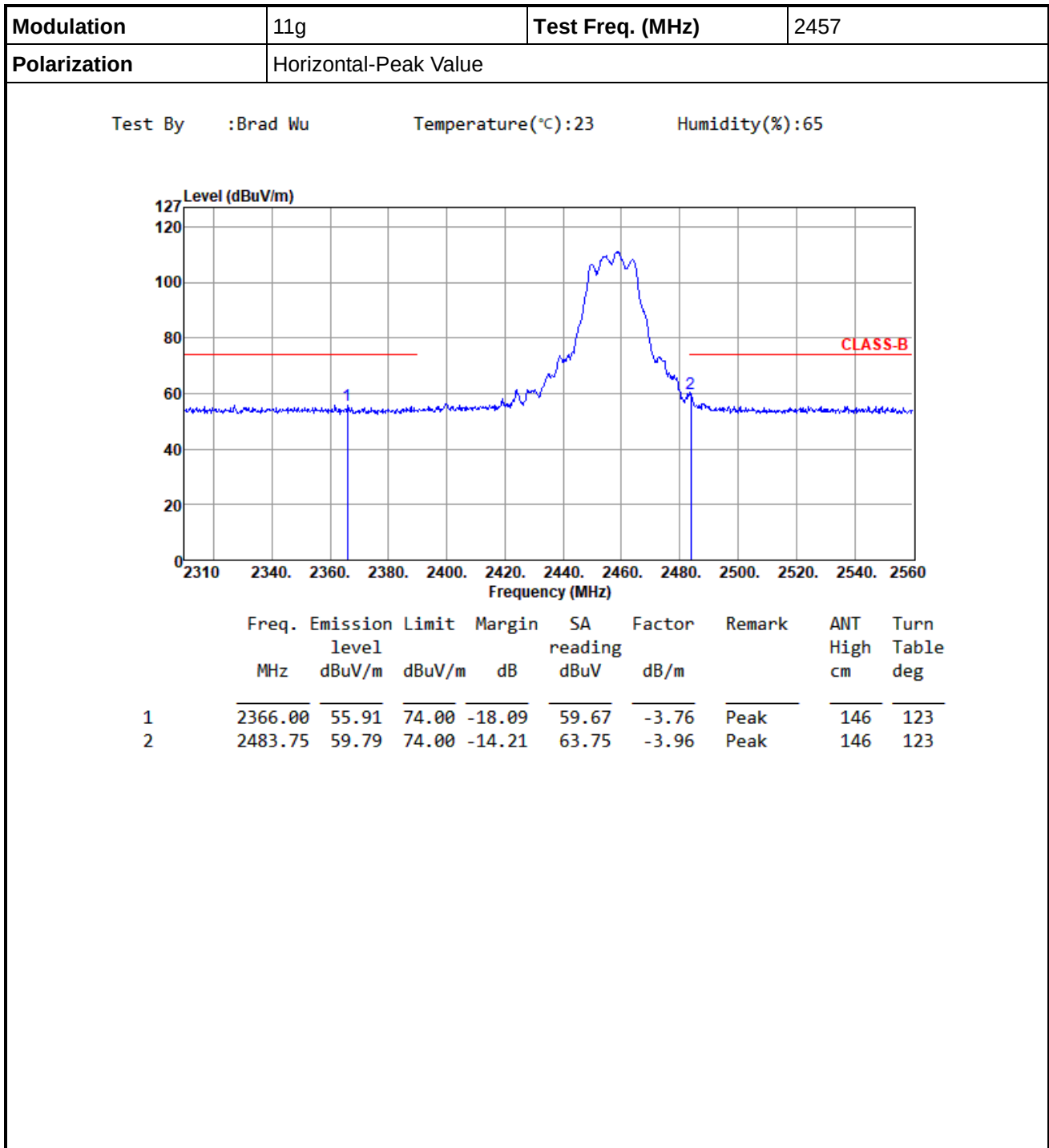
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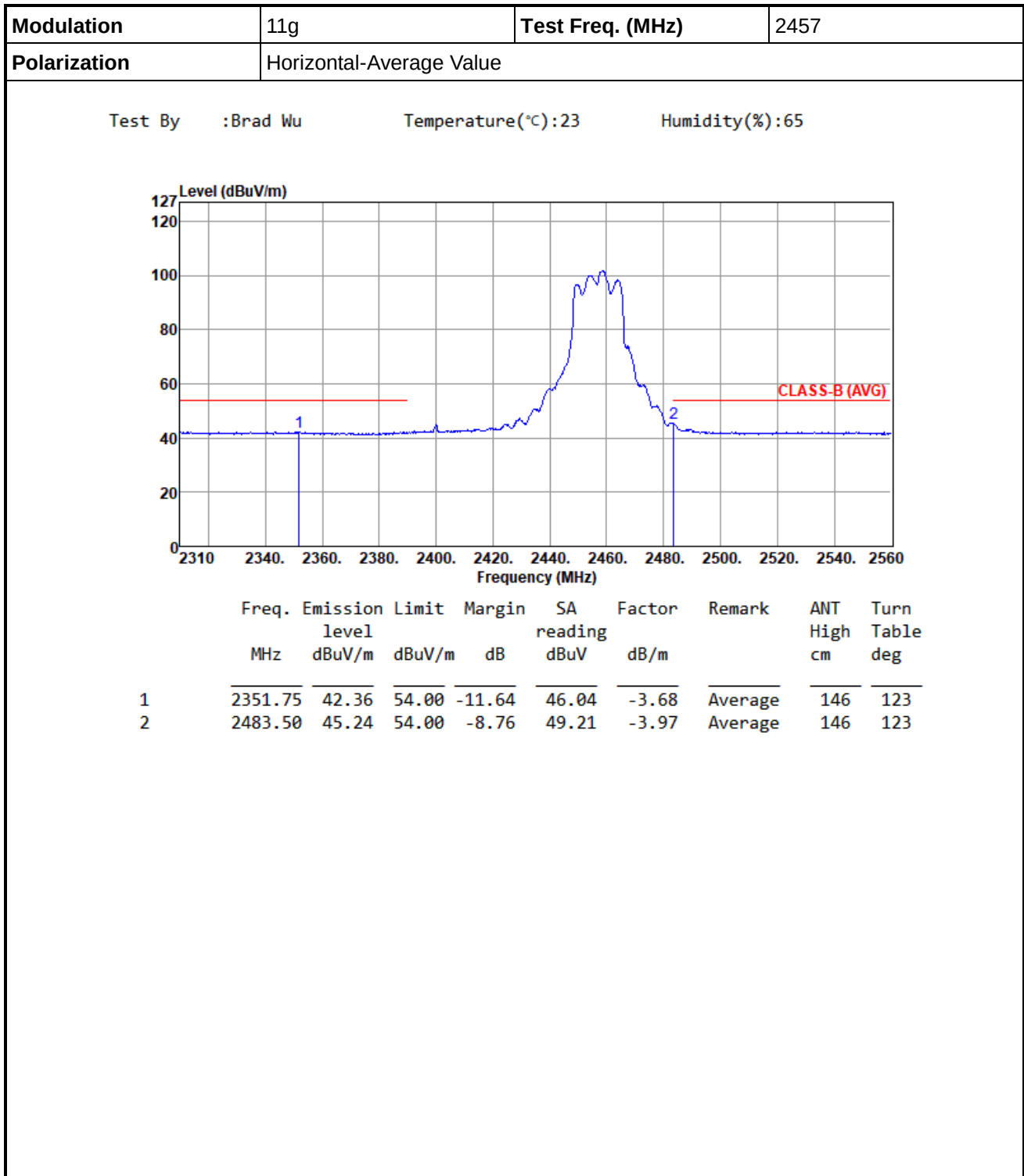




Band Edge measurement

Appendix D.3

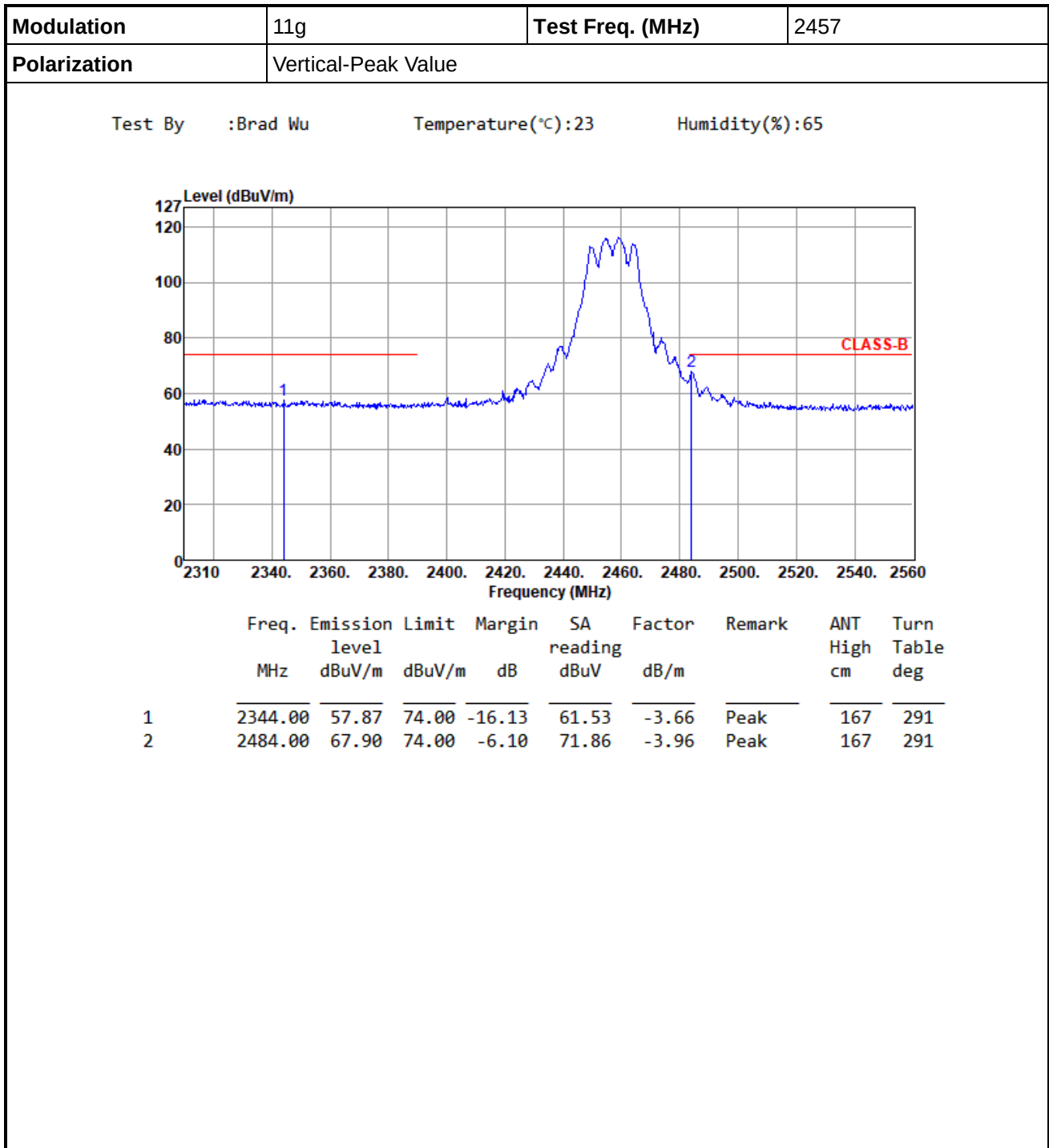


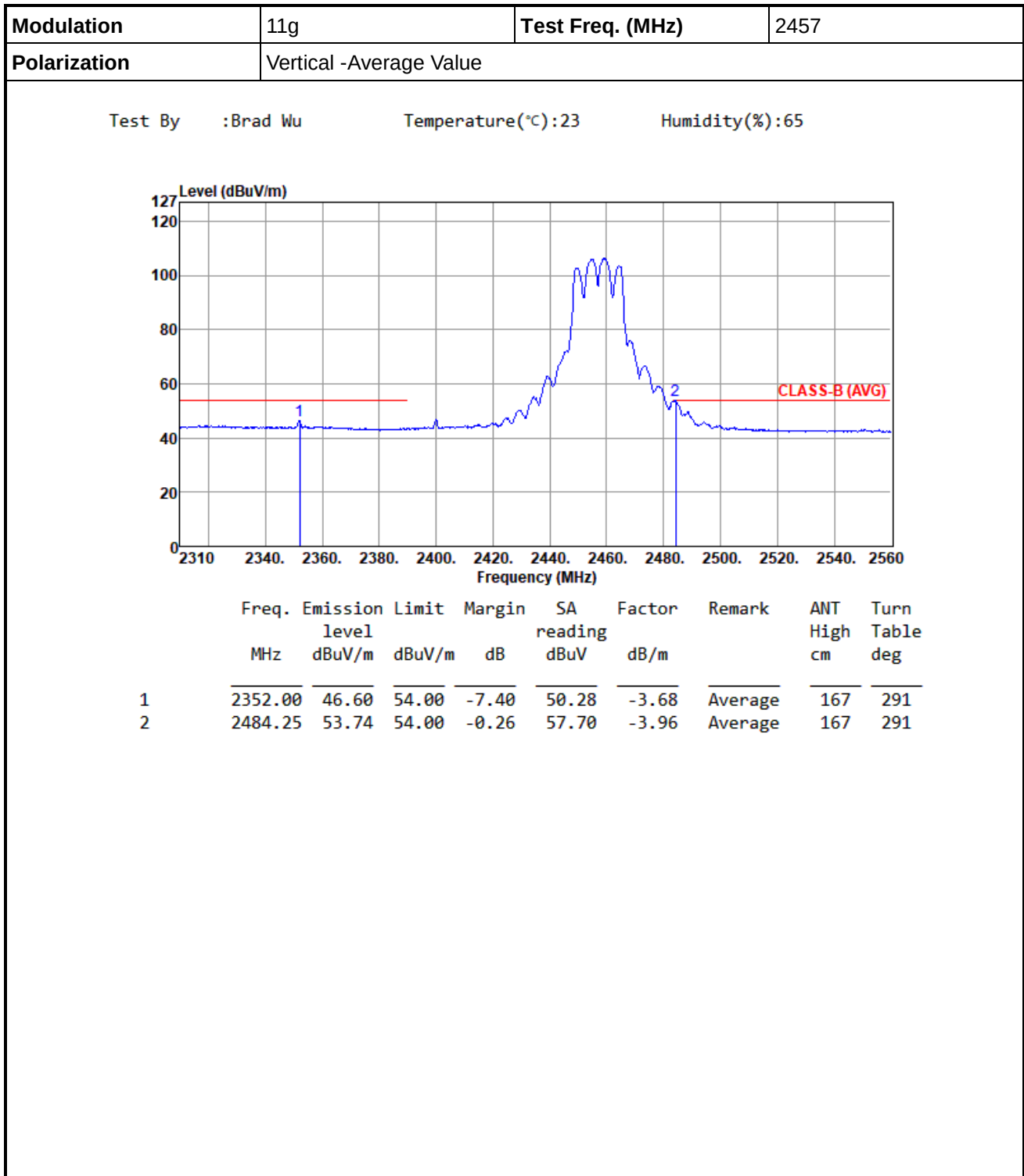


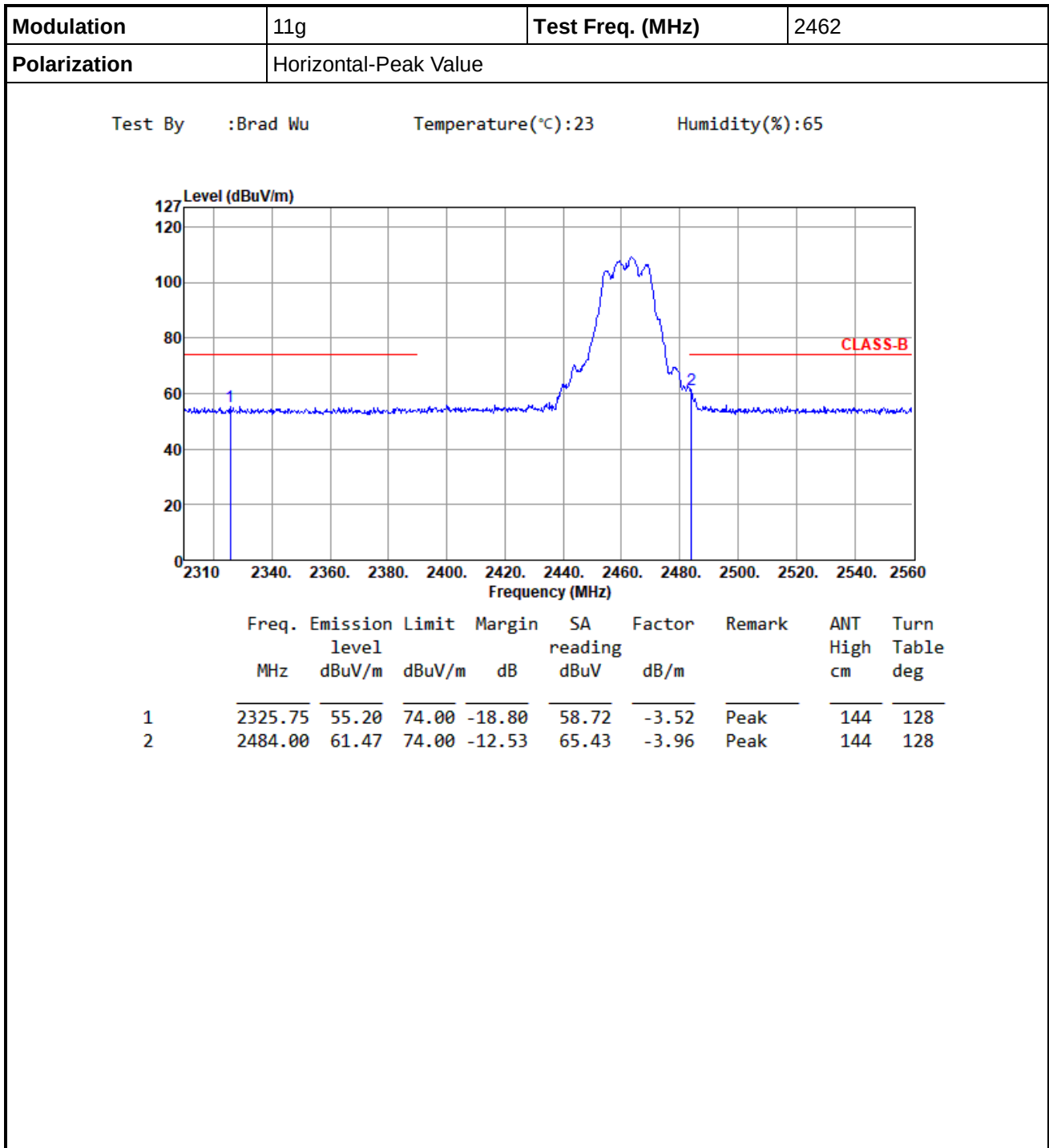


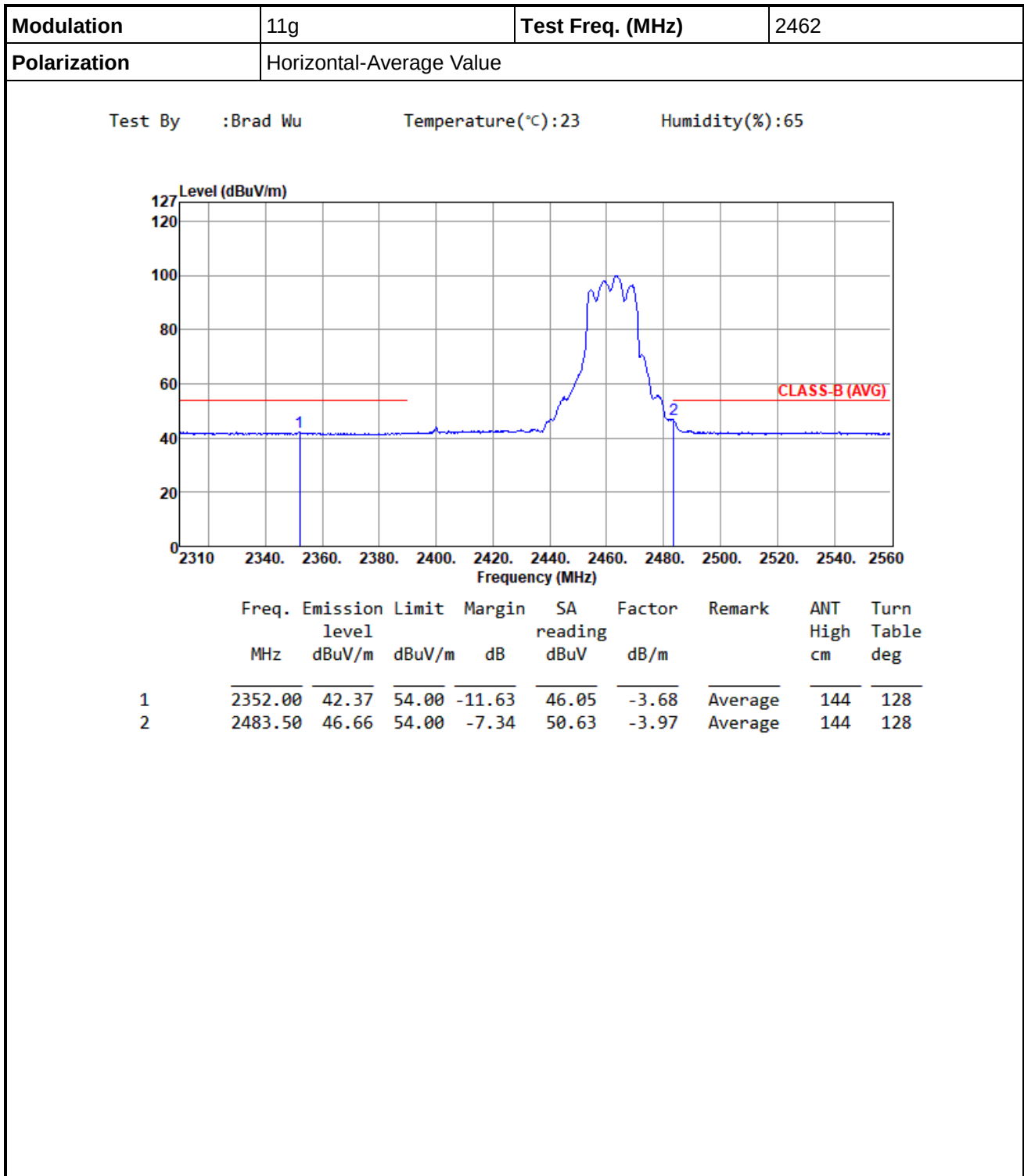
Band Edge measurement

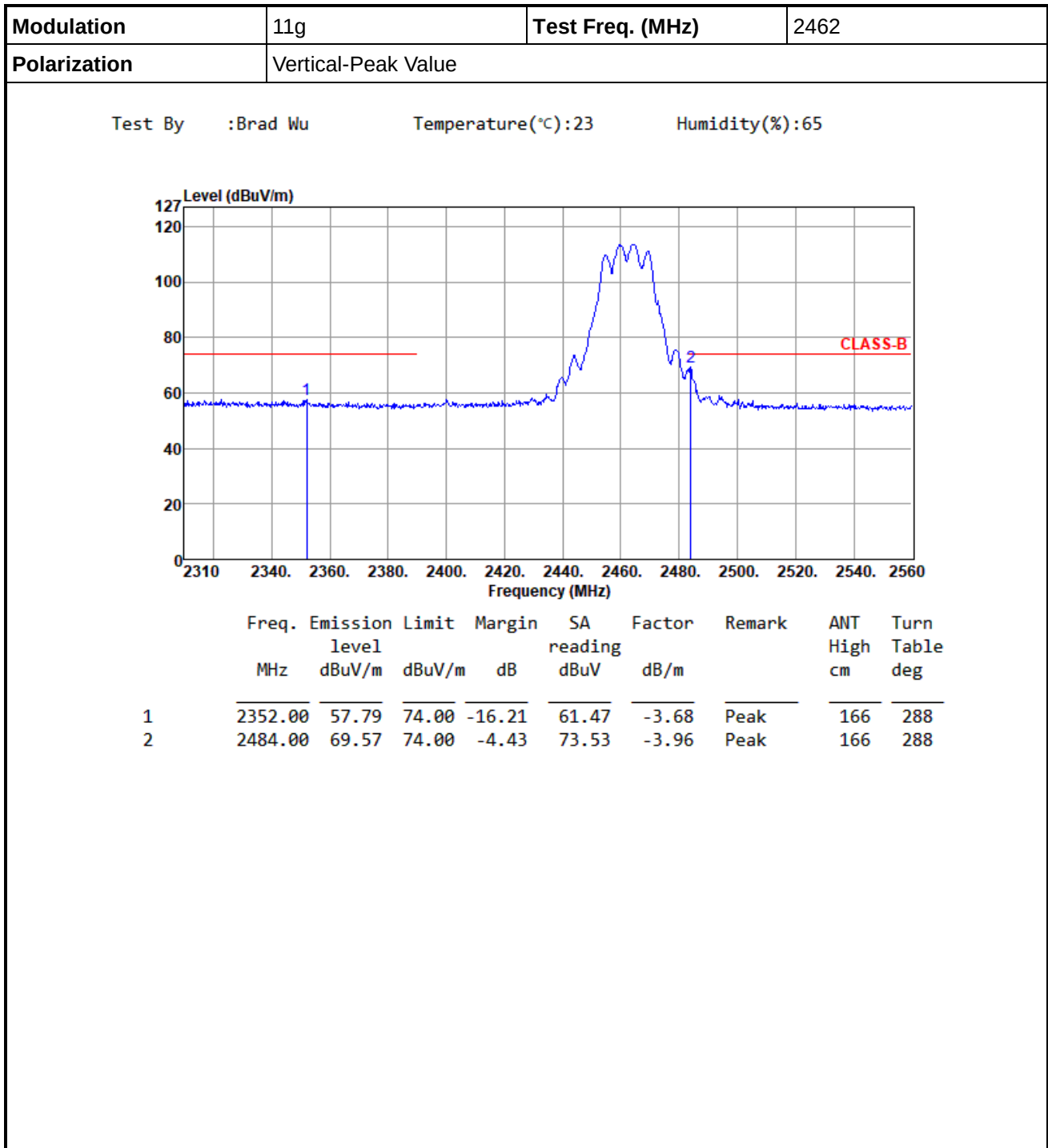
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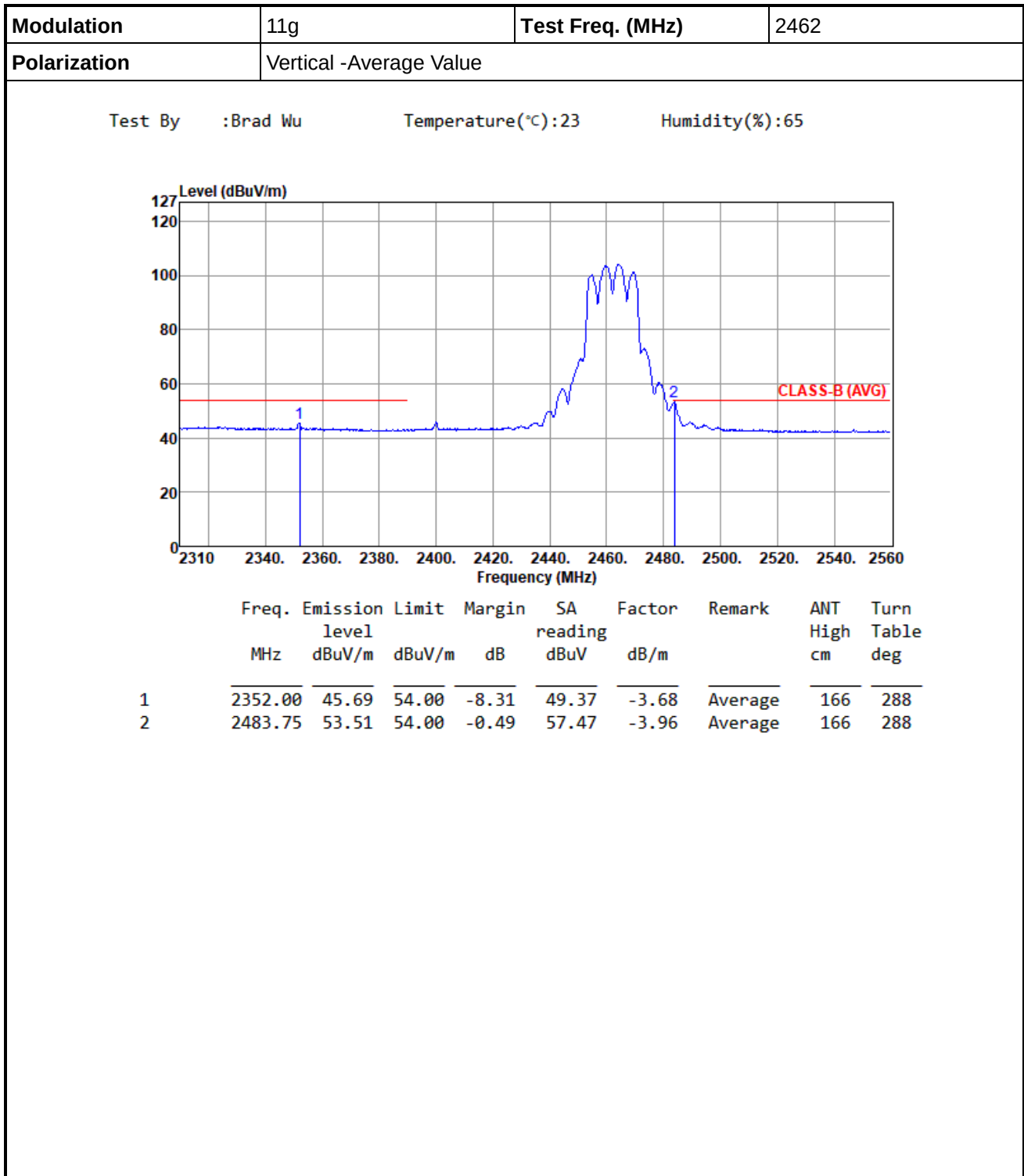


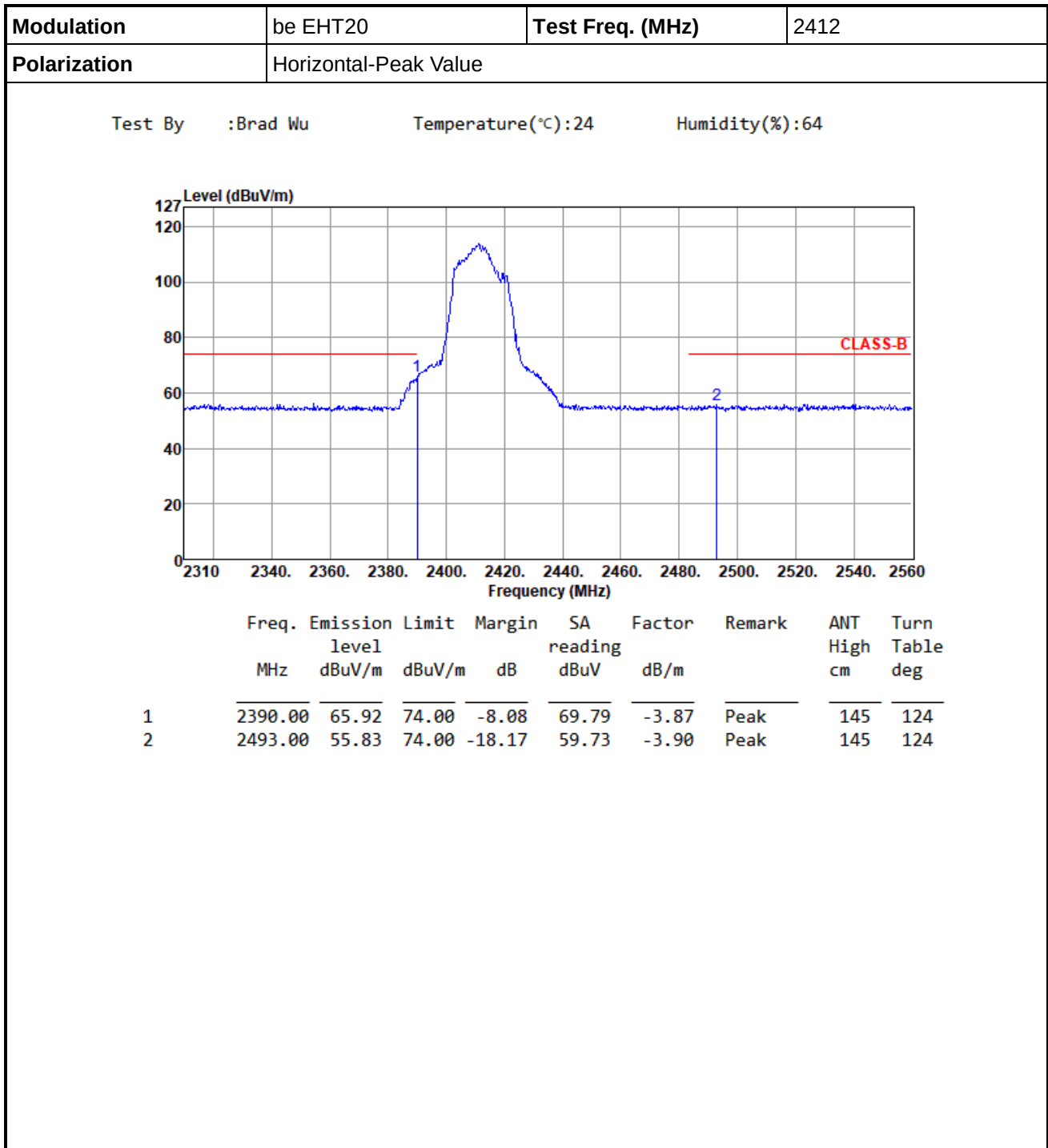


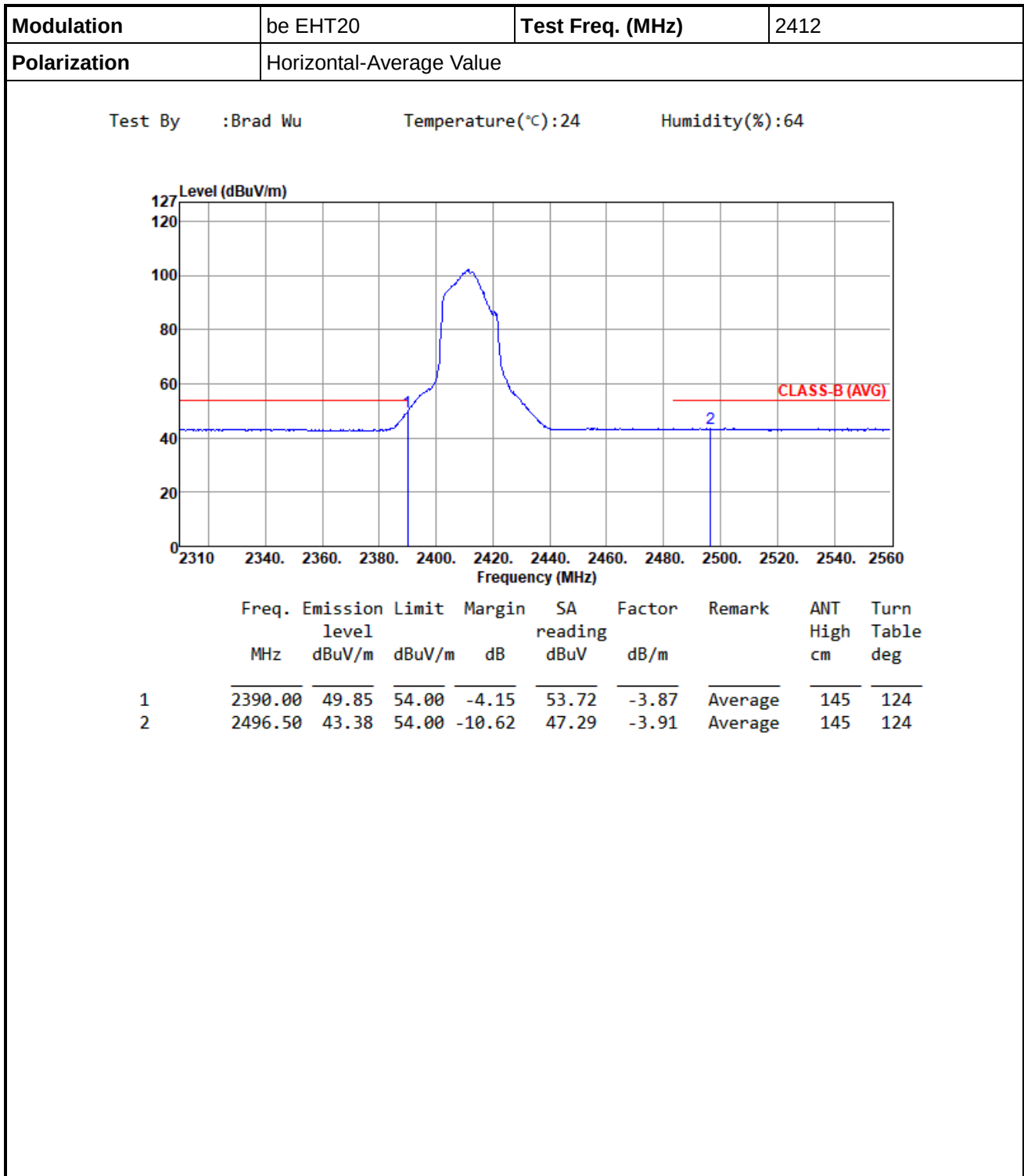


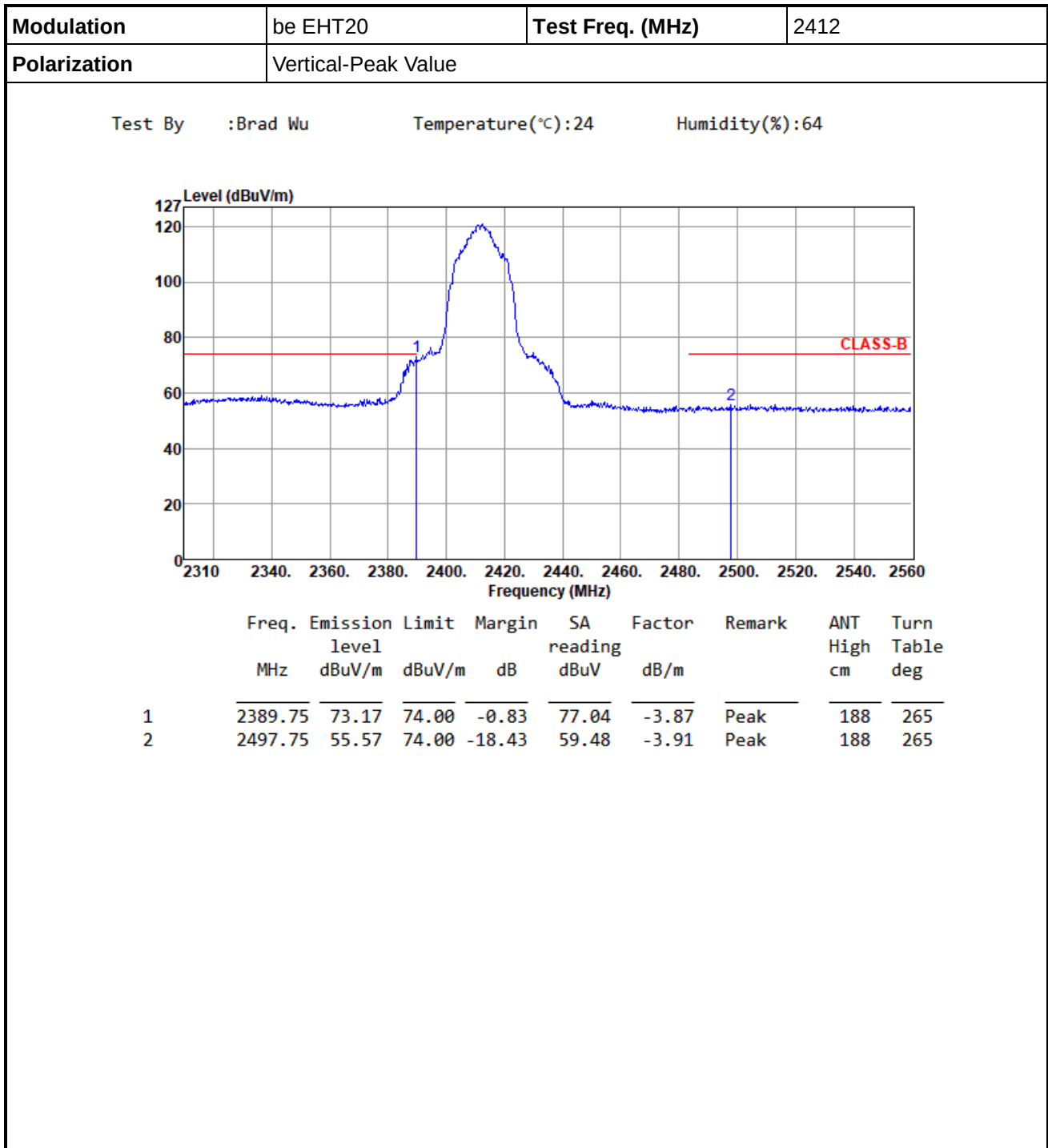


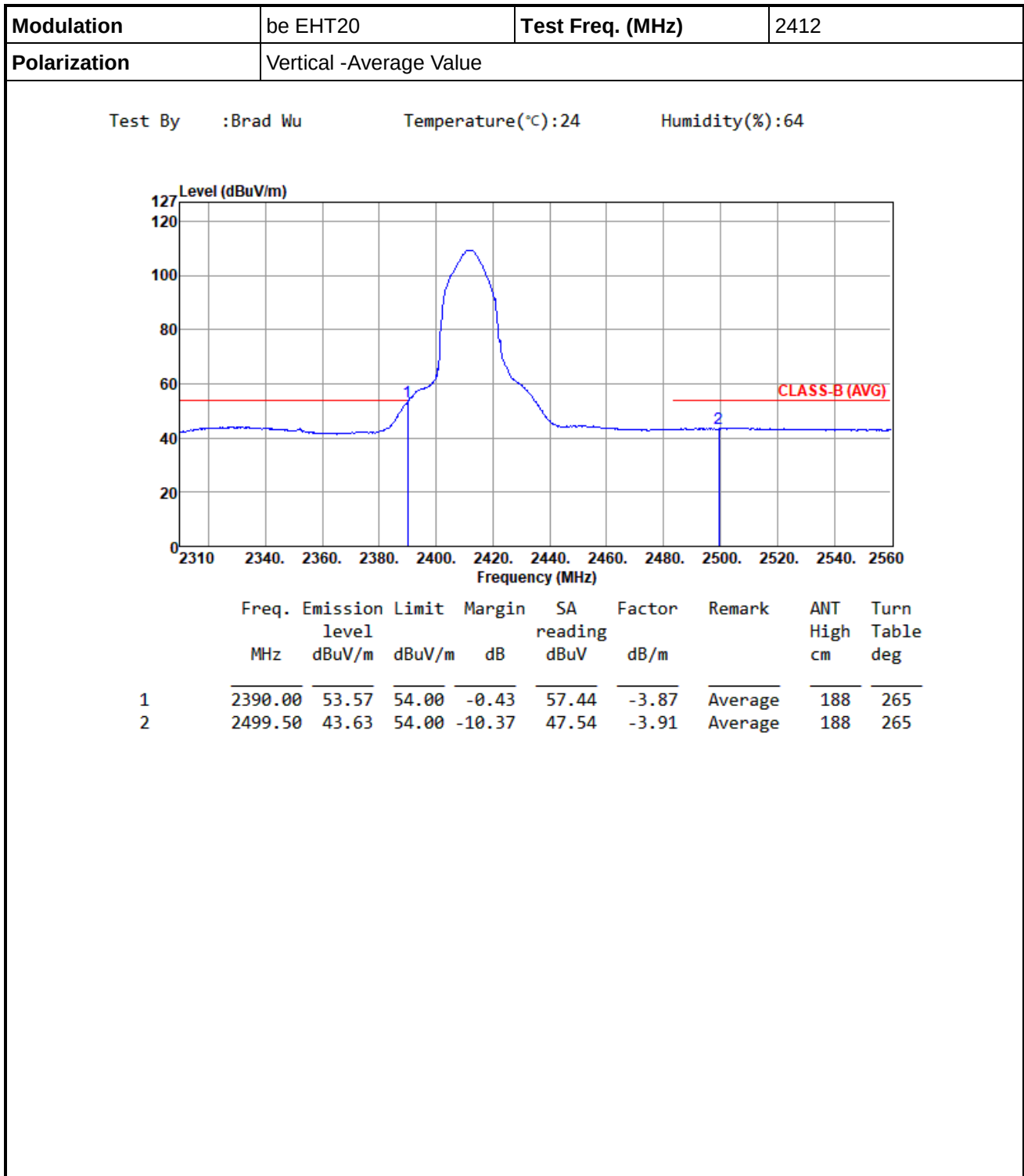


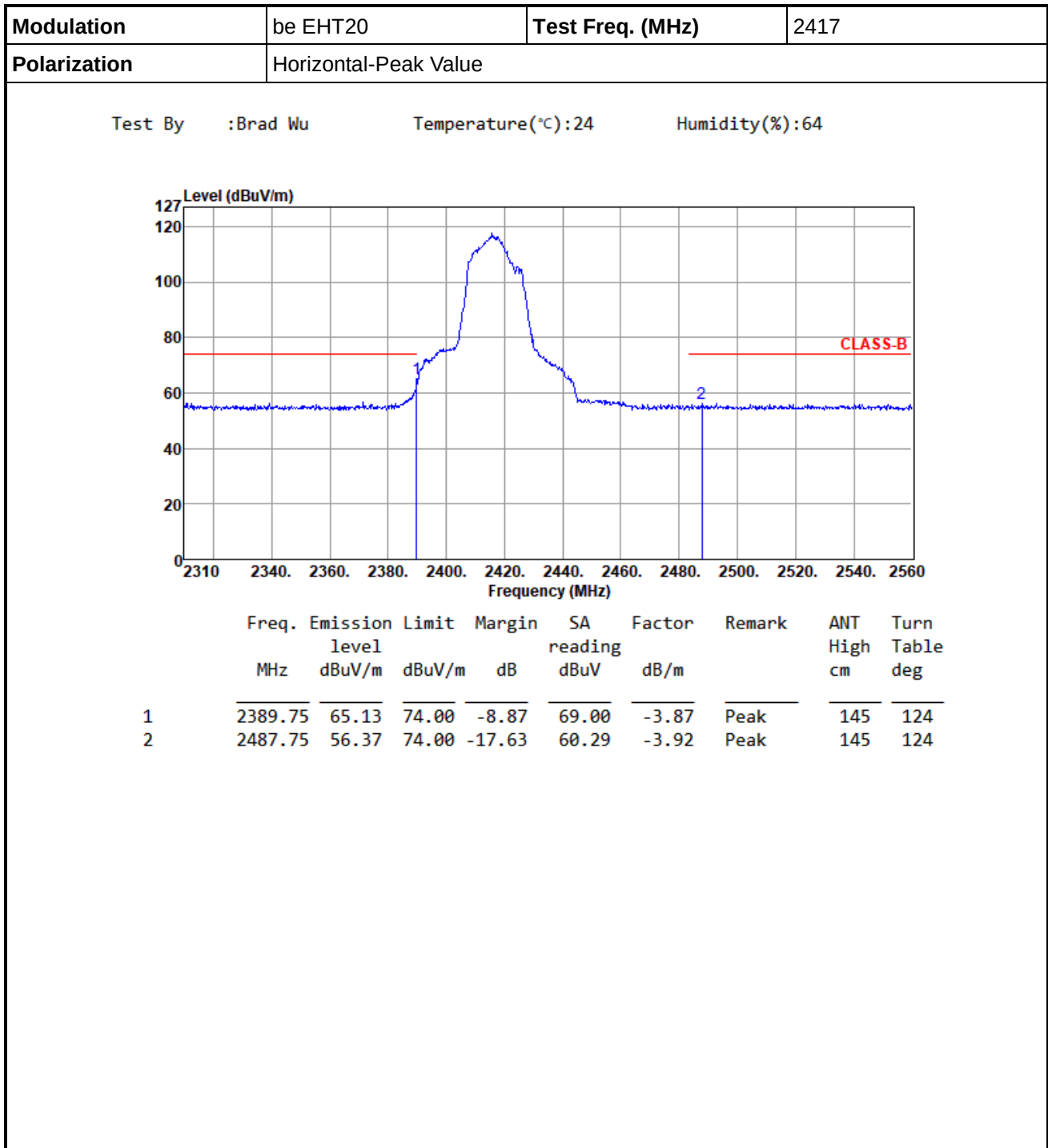


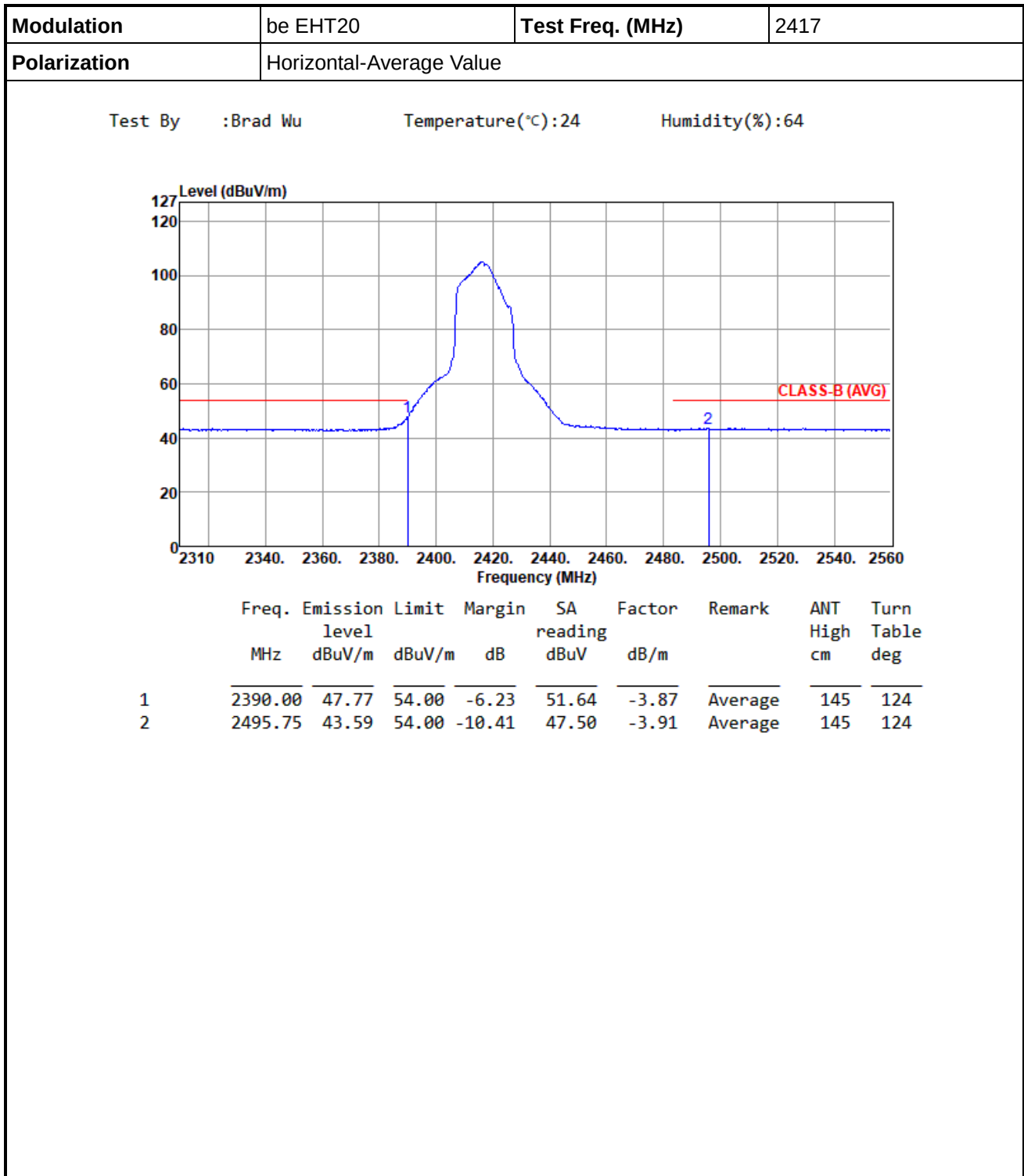


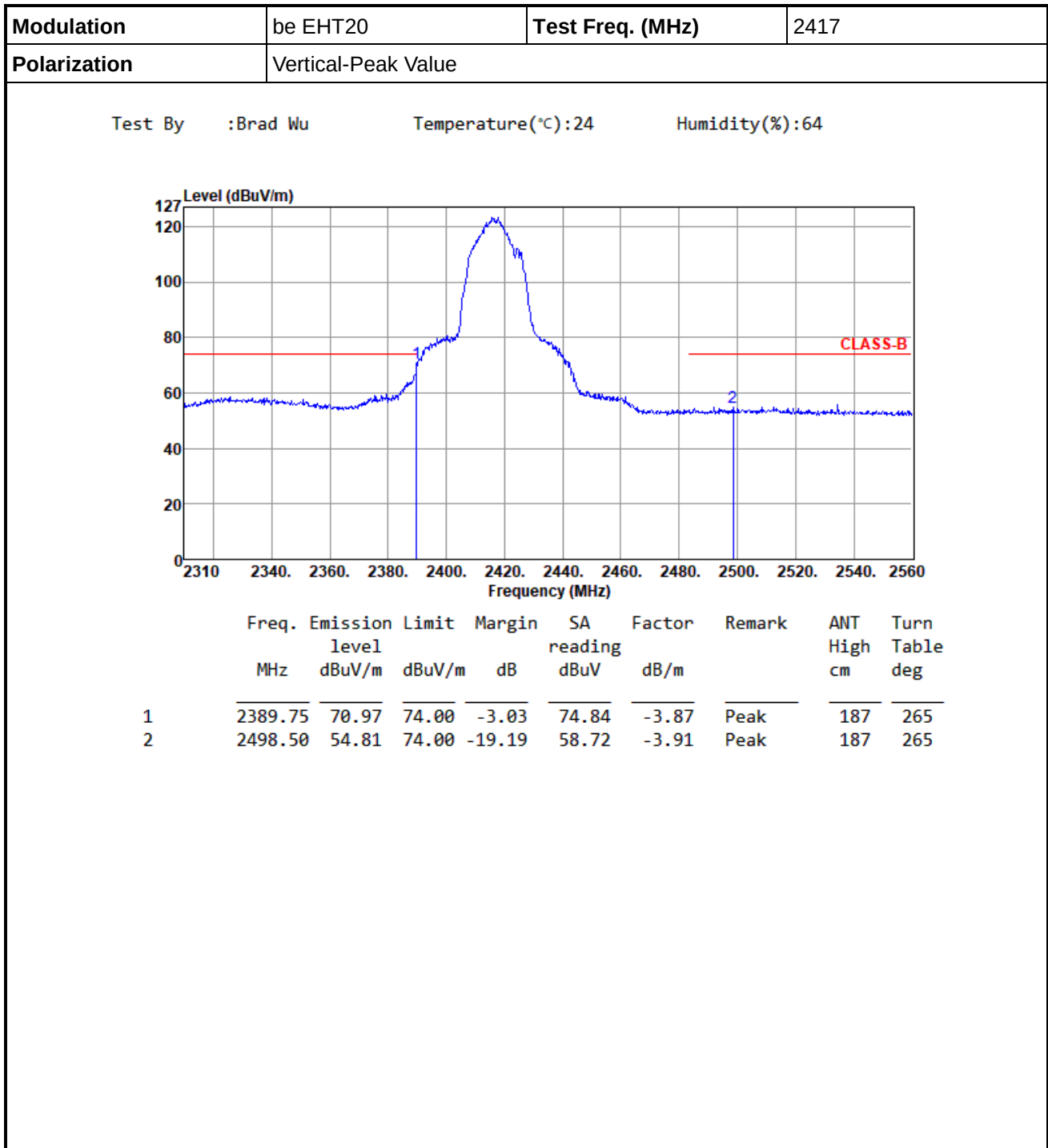


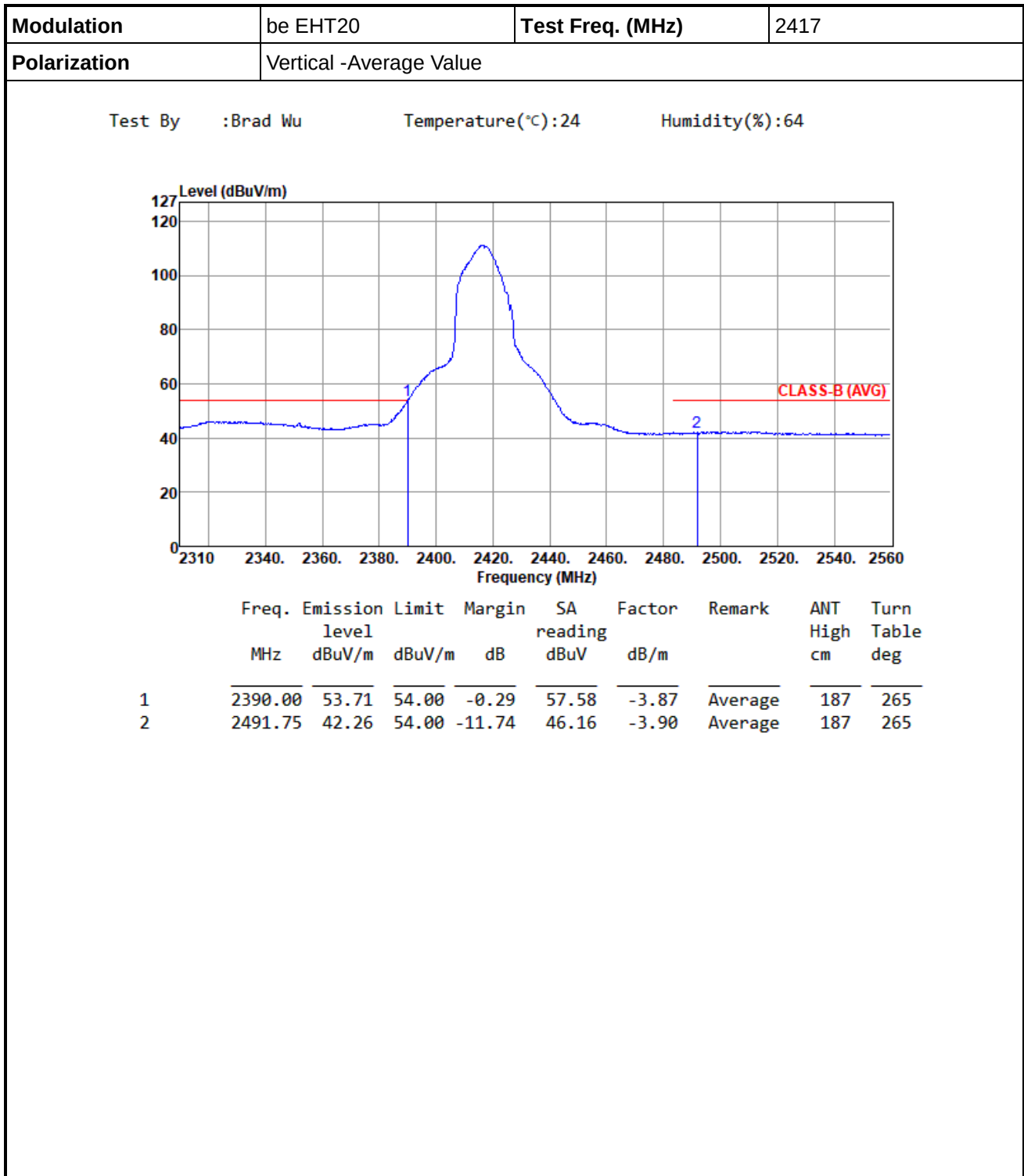


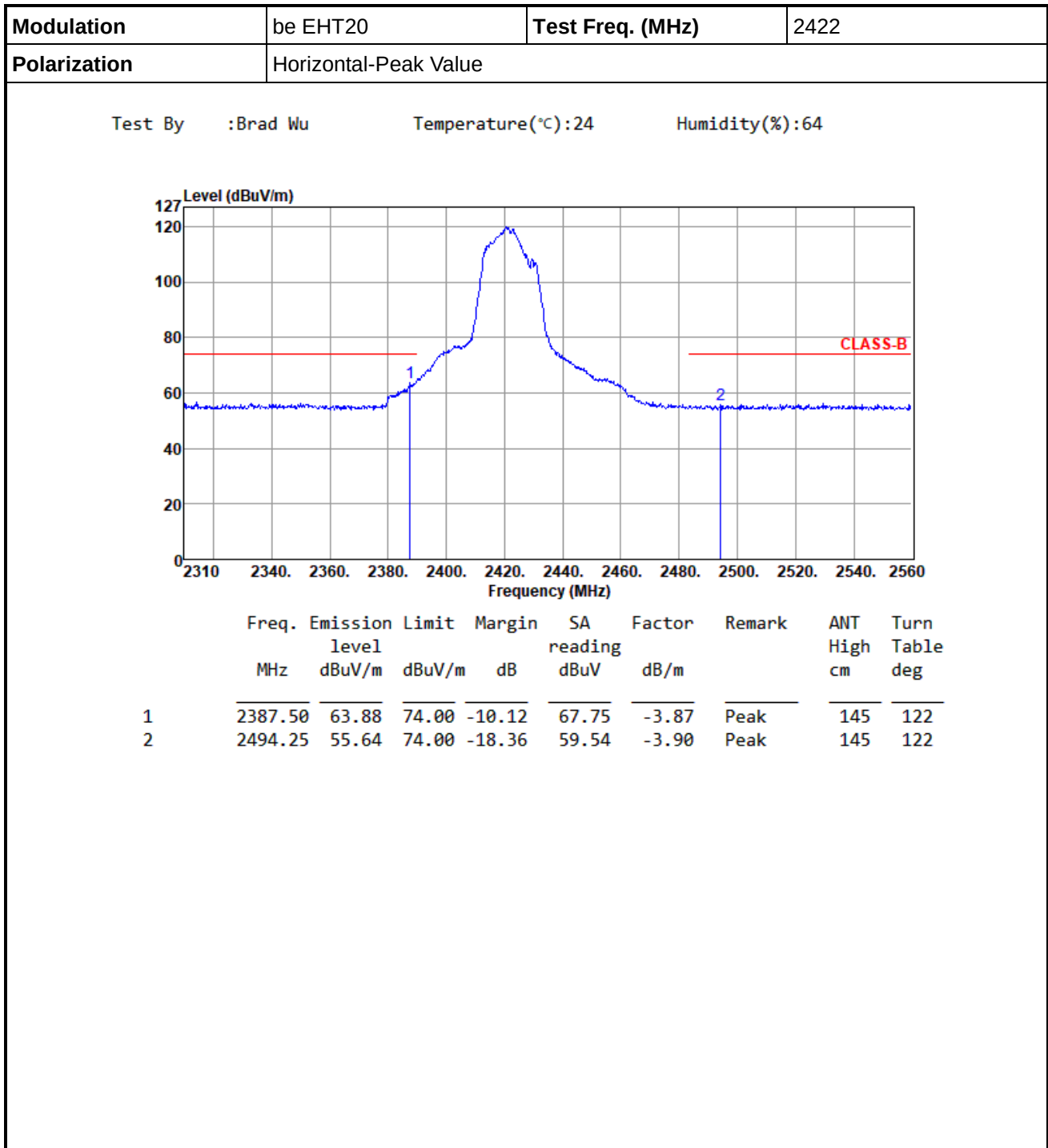


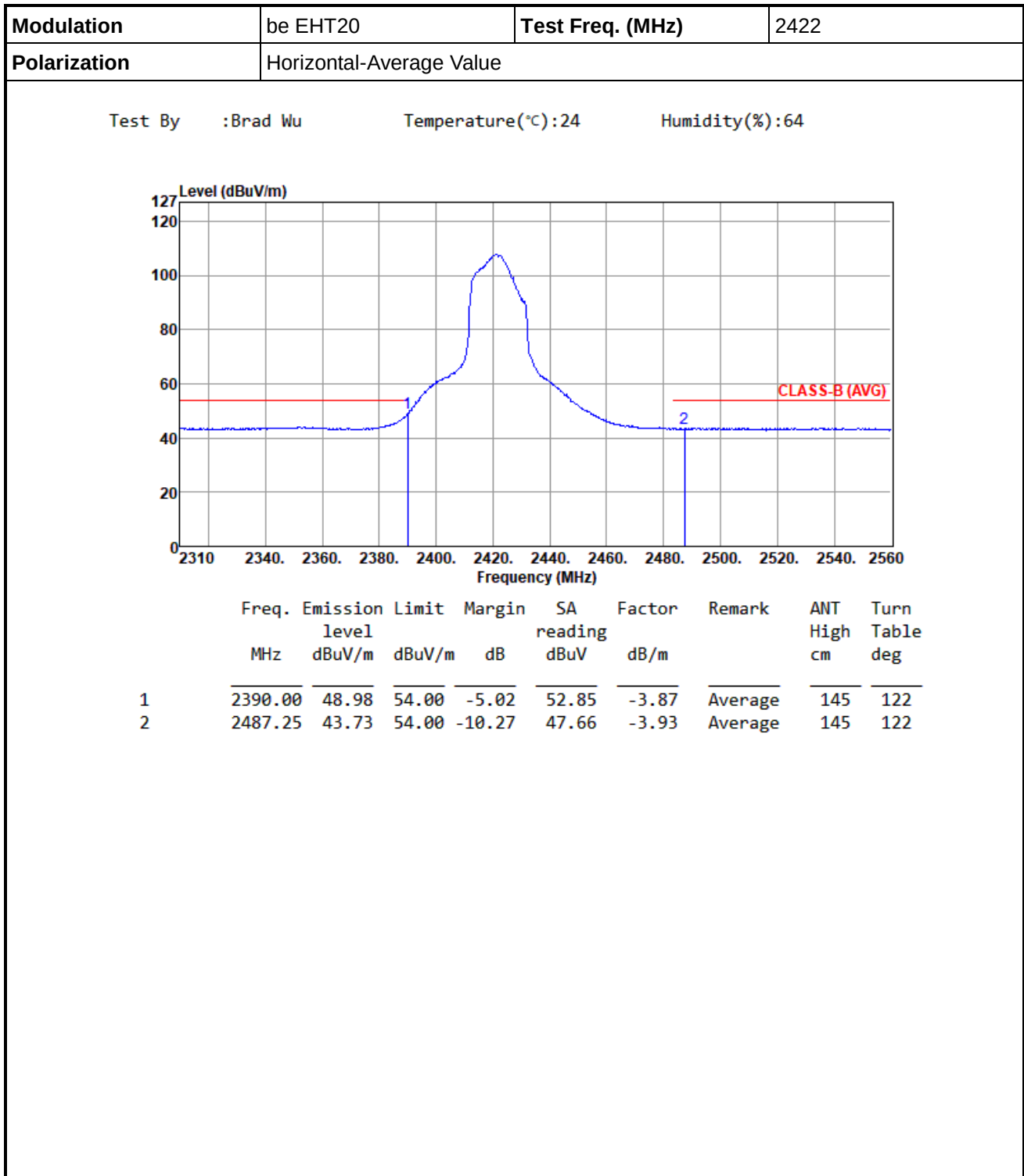


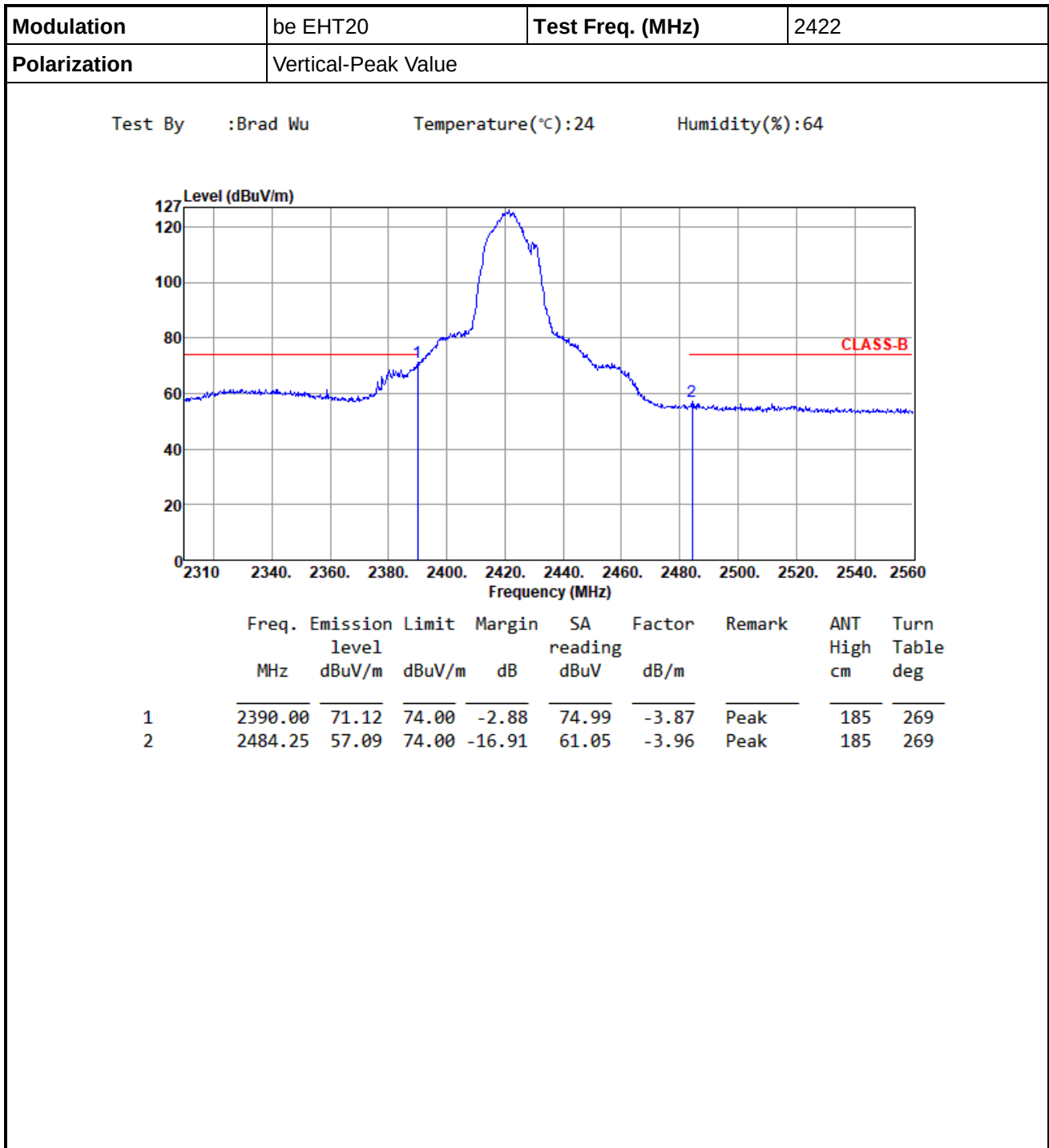


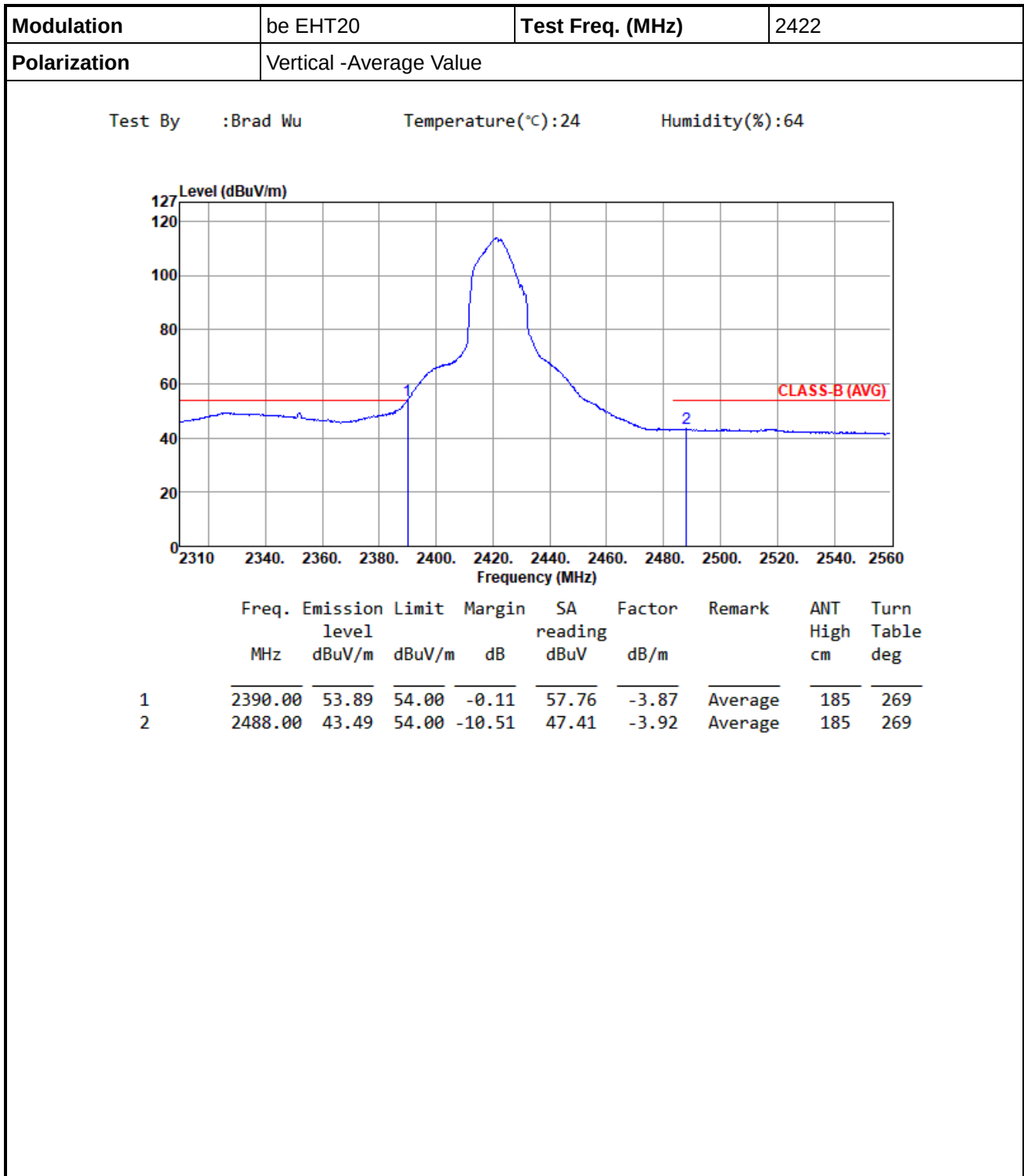


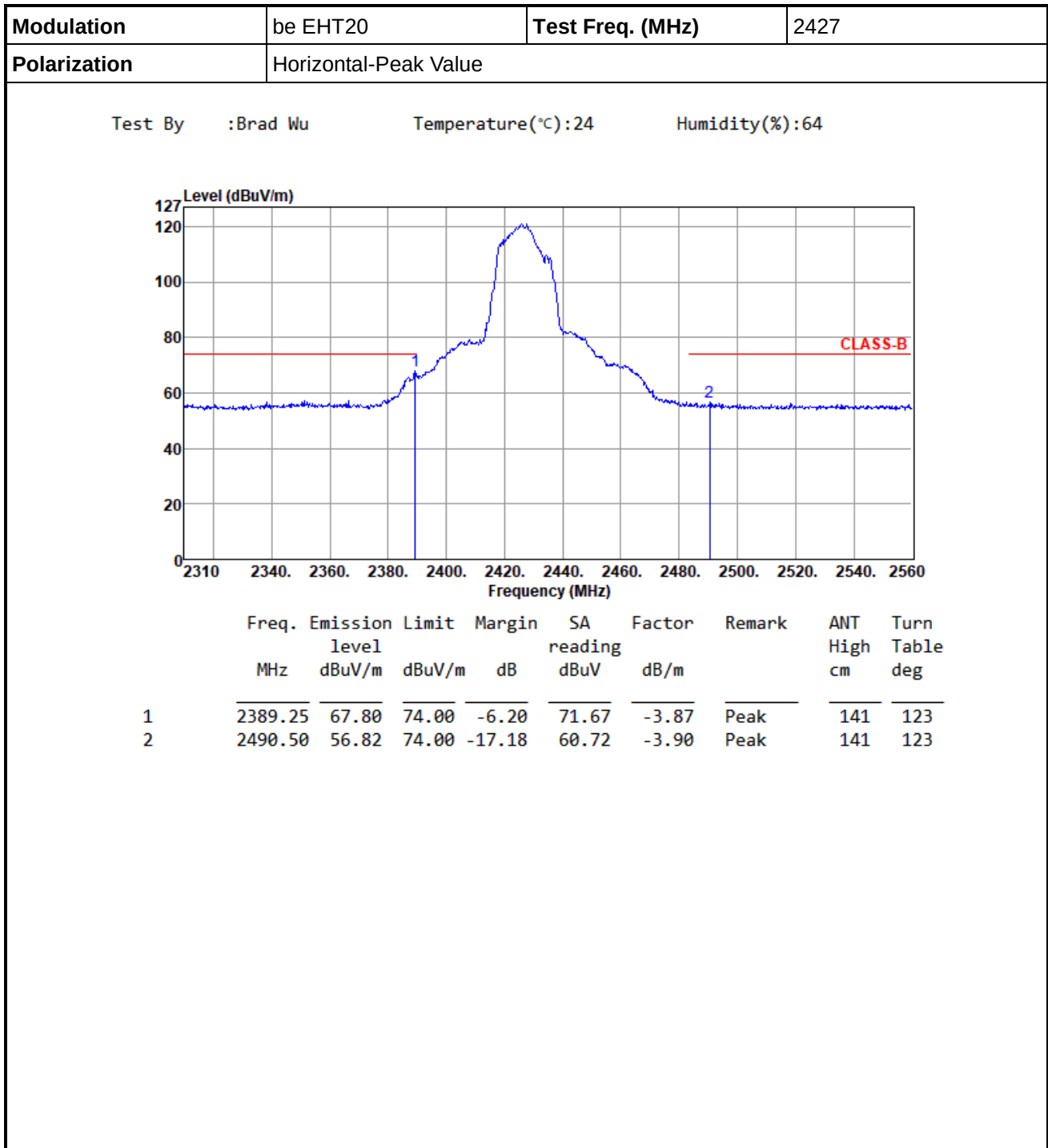


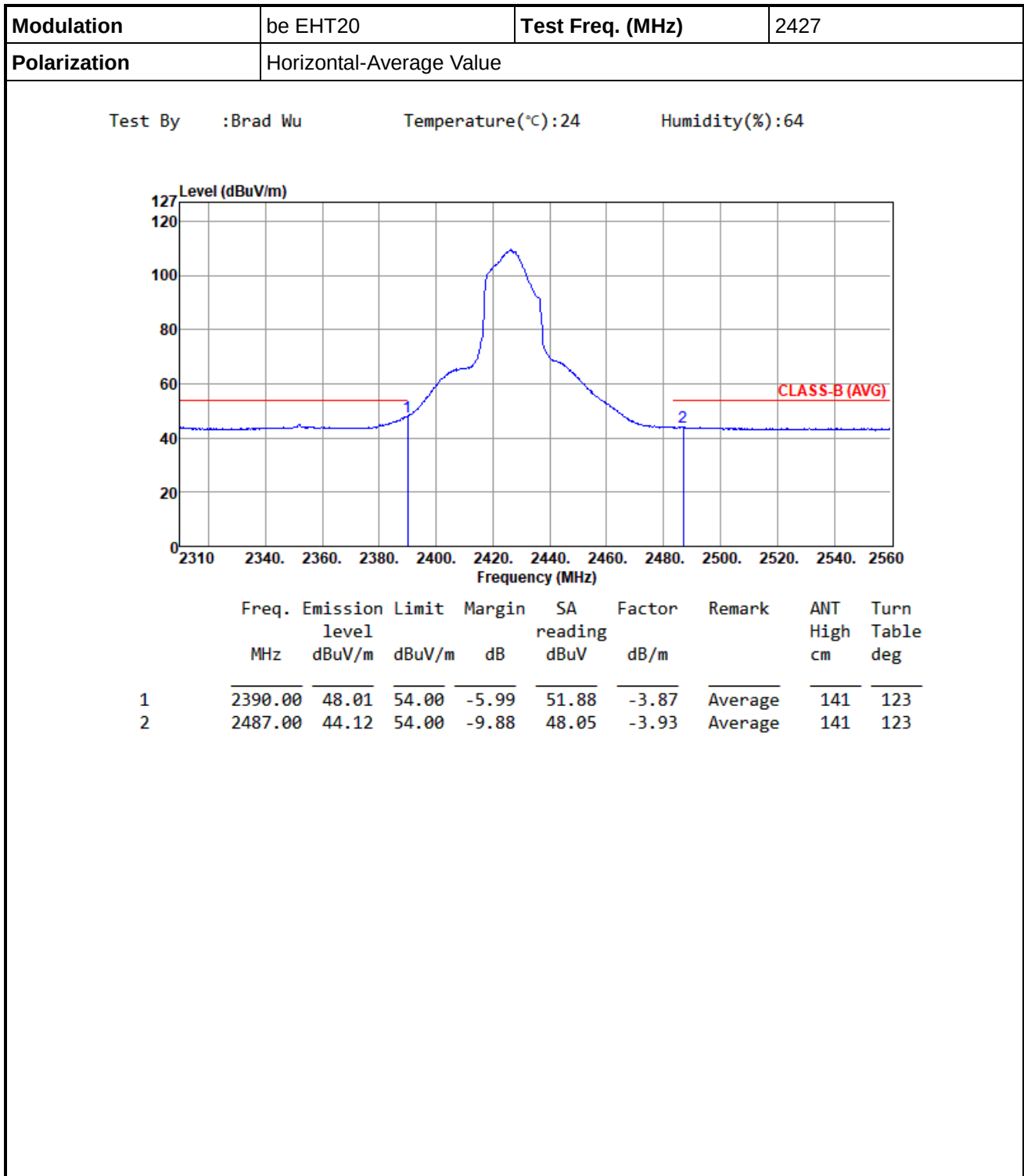


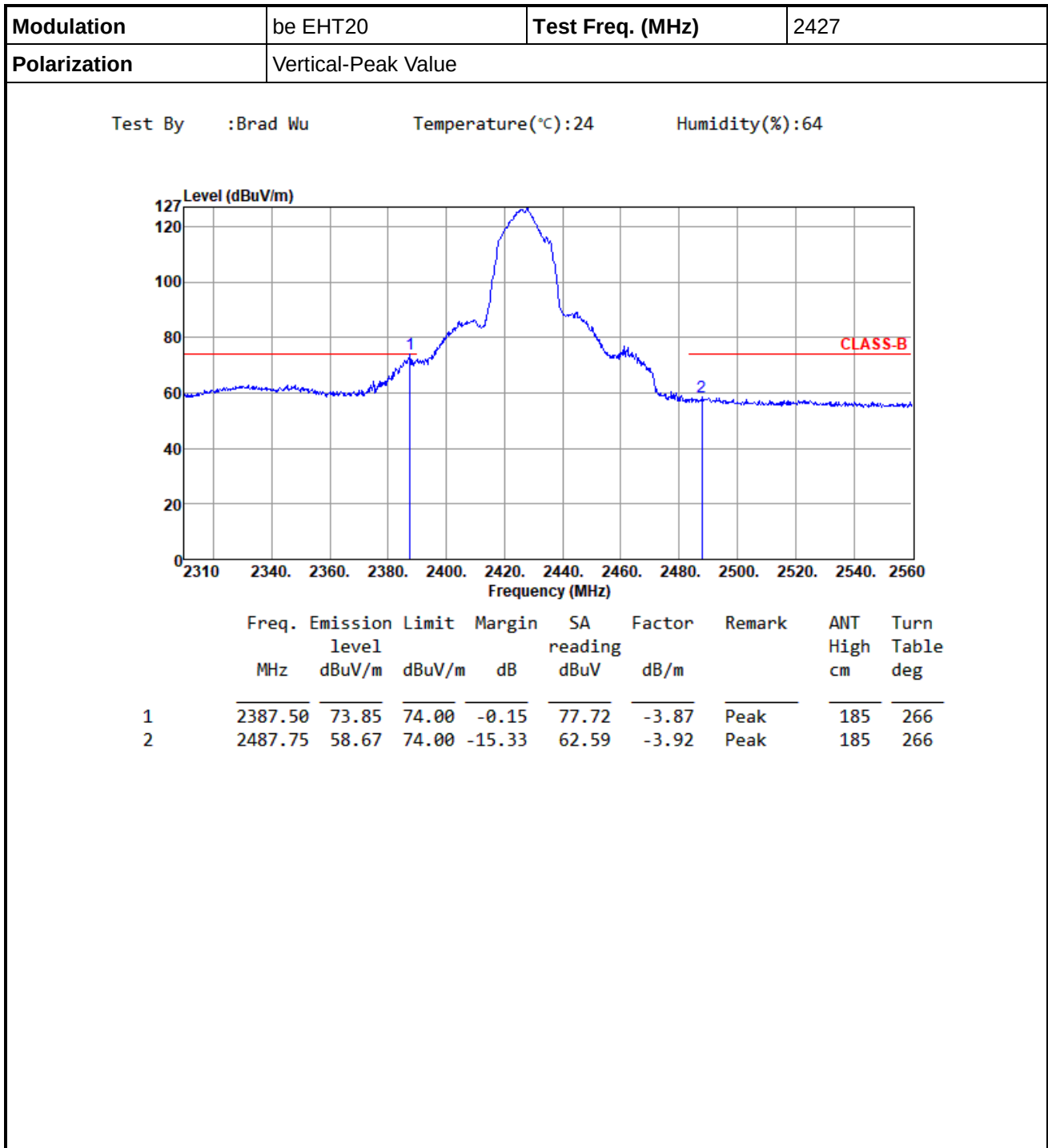


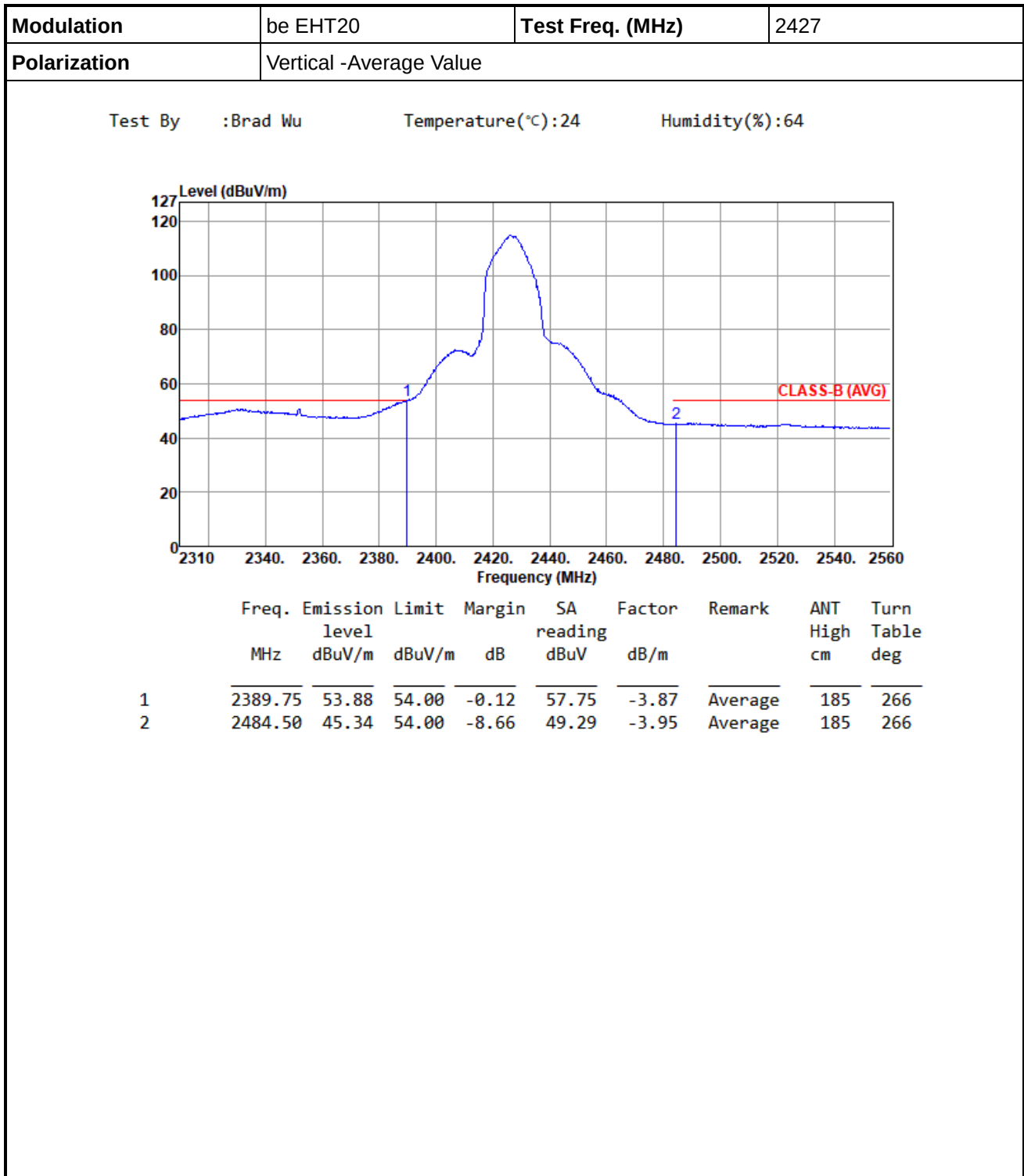


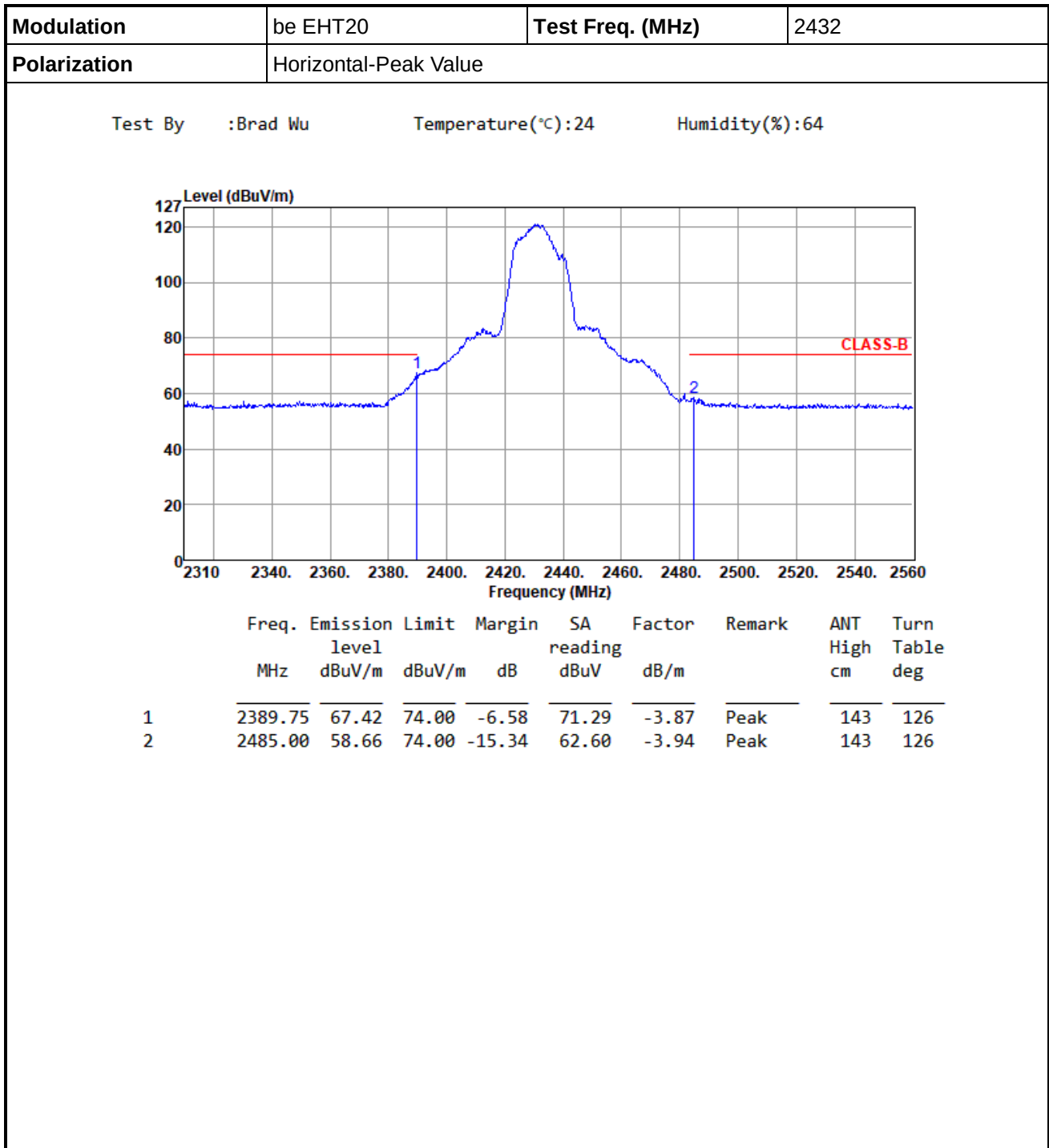


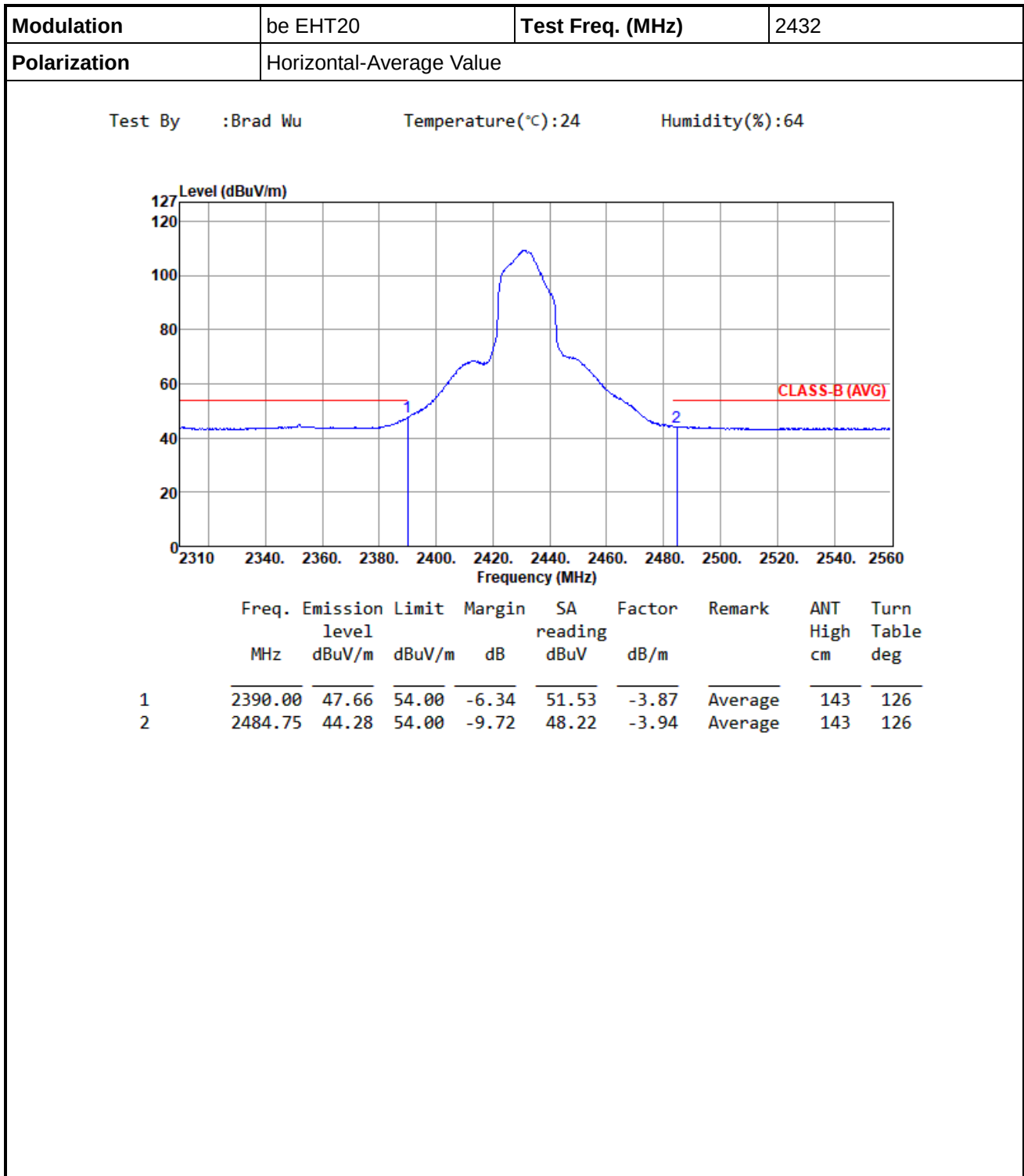


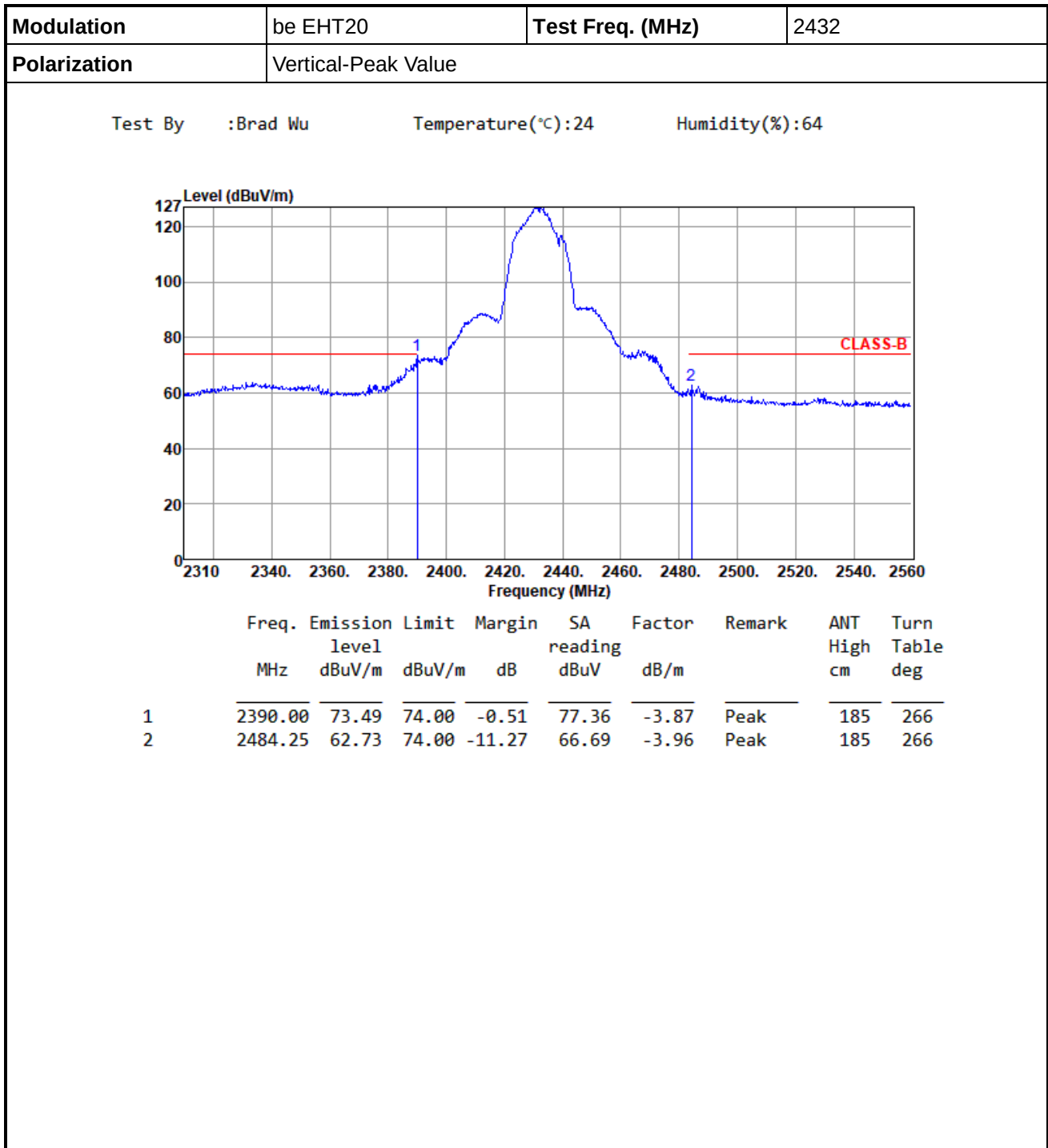


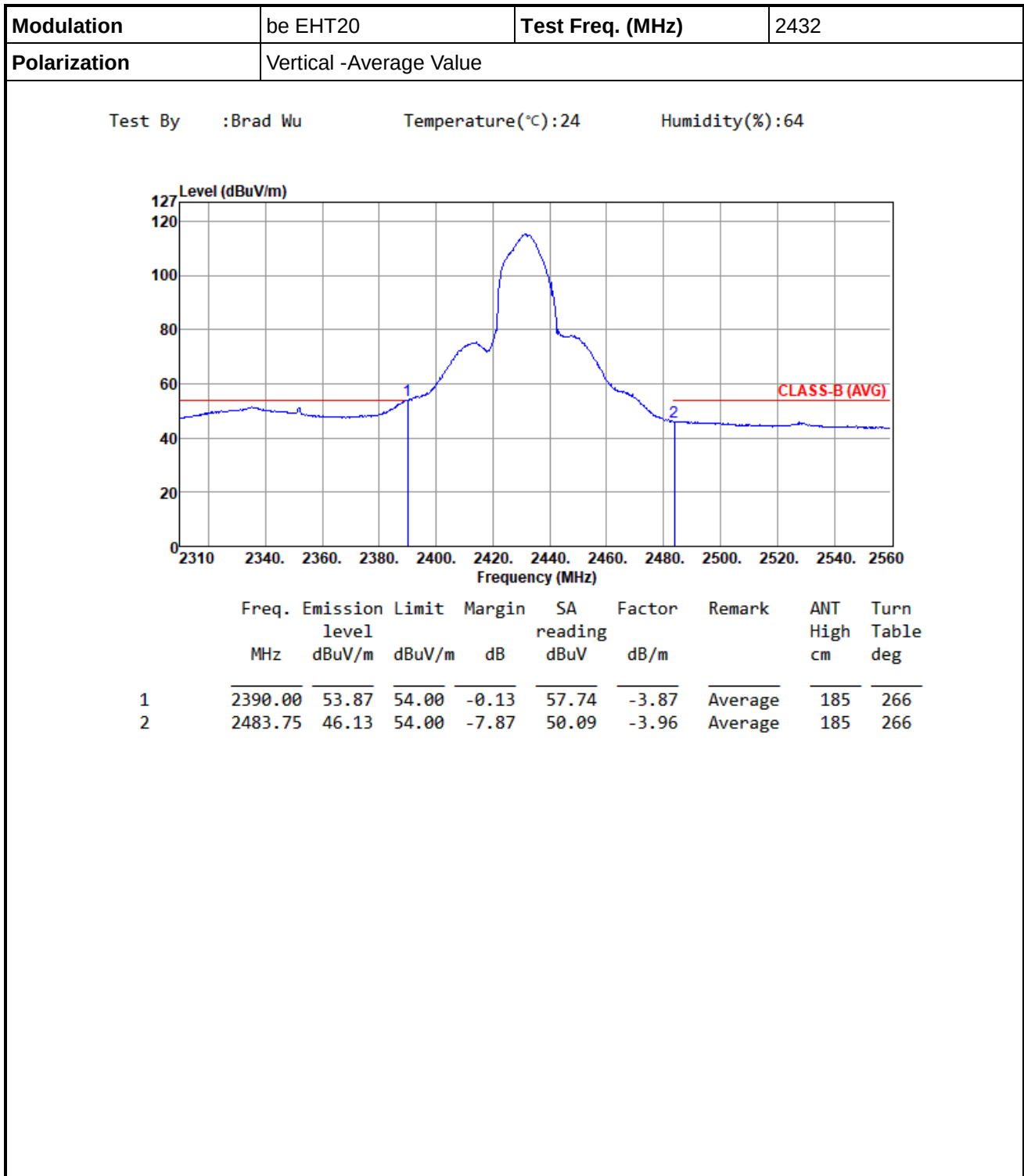


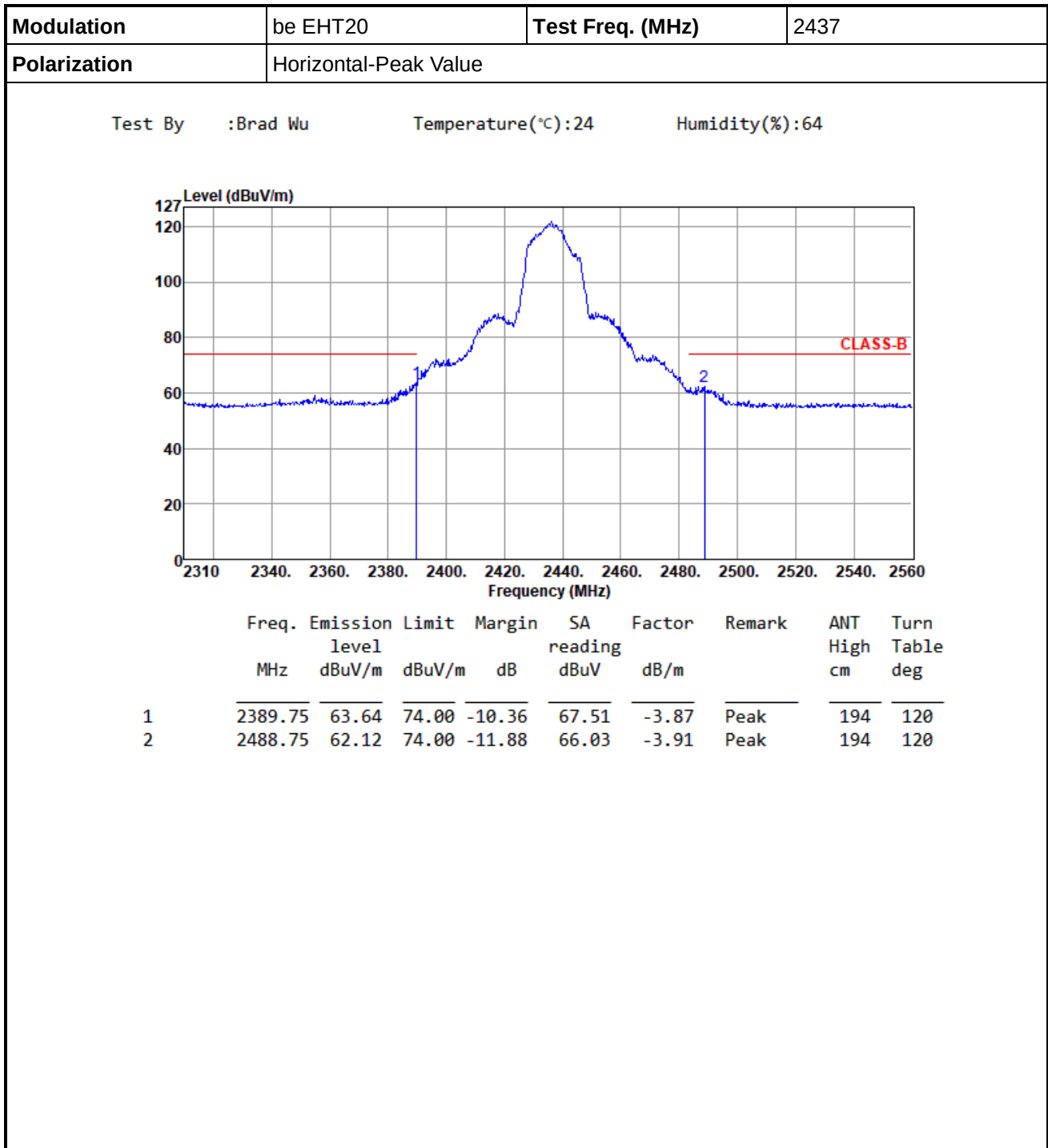


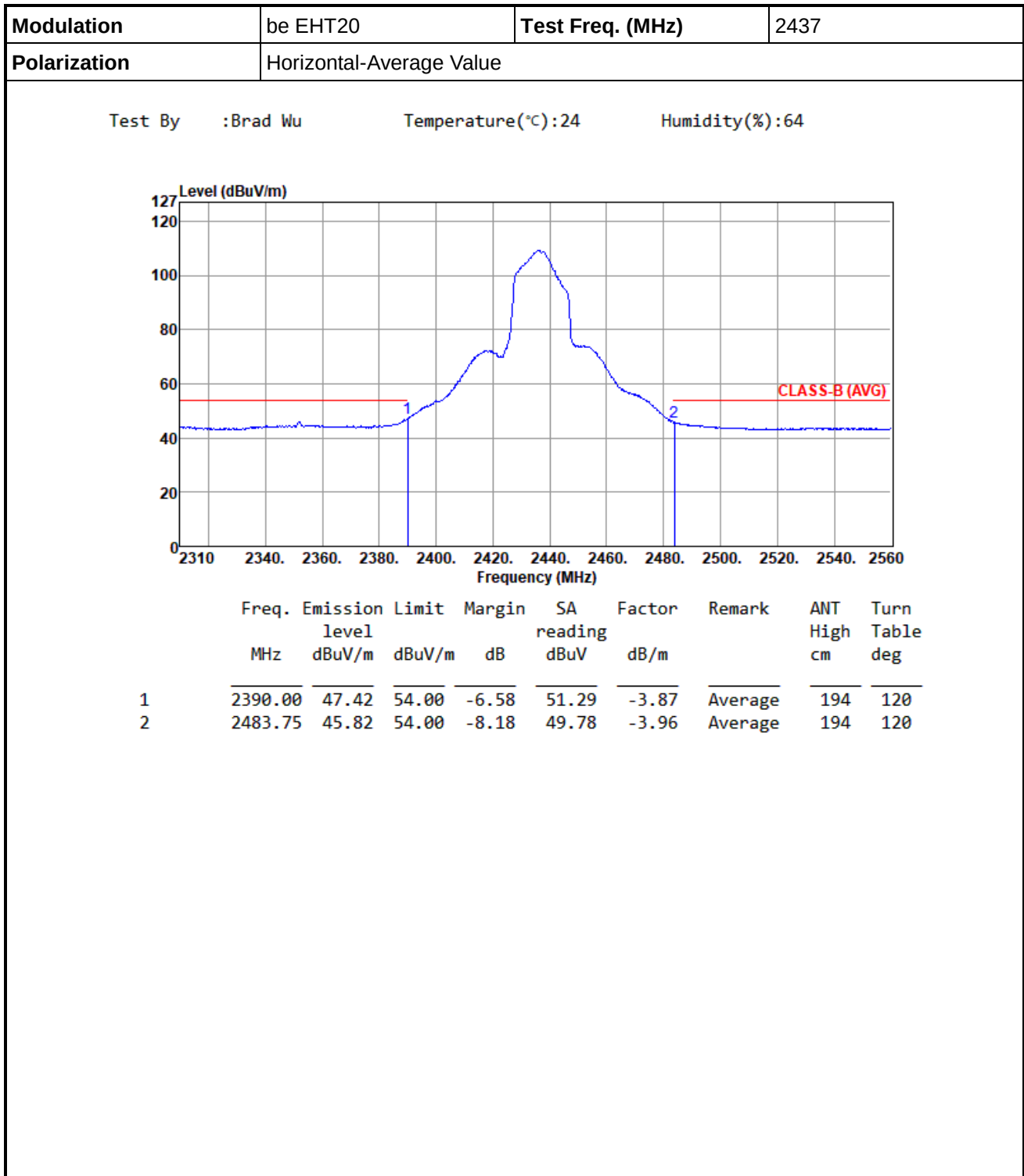


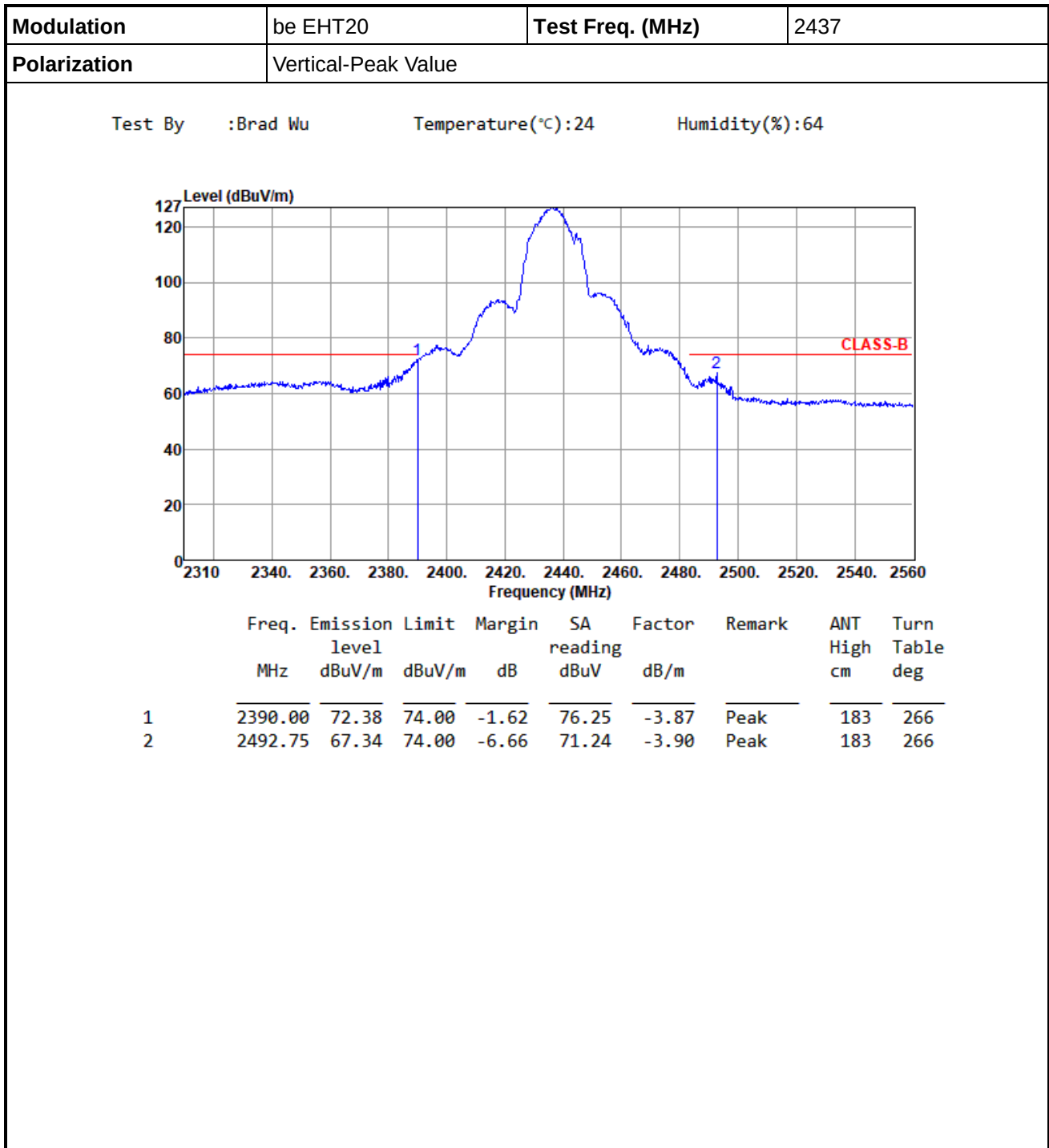


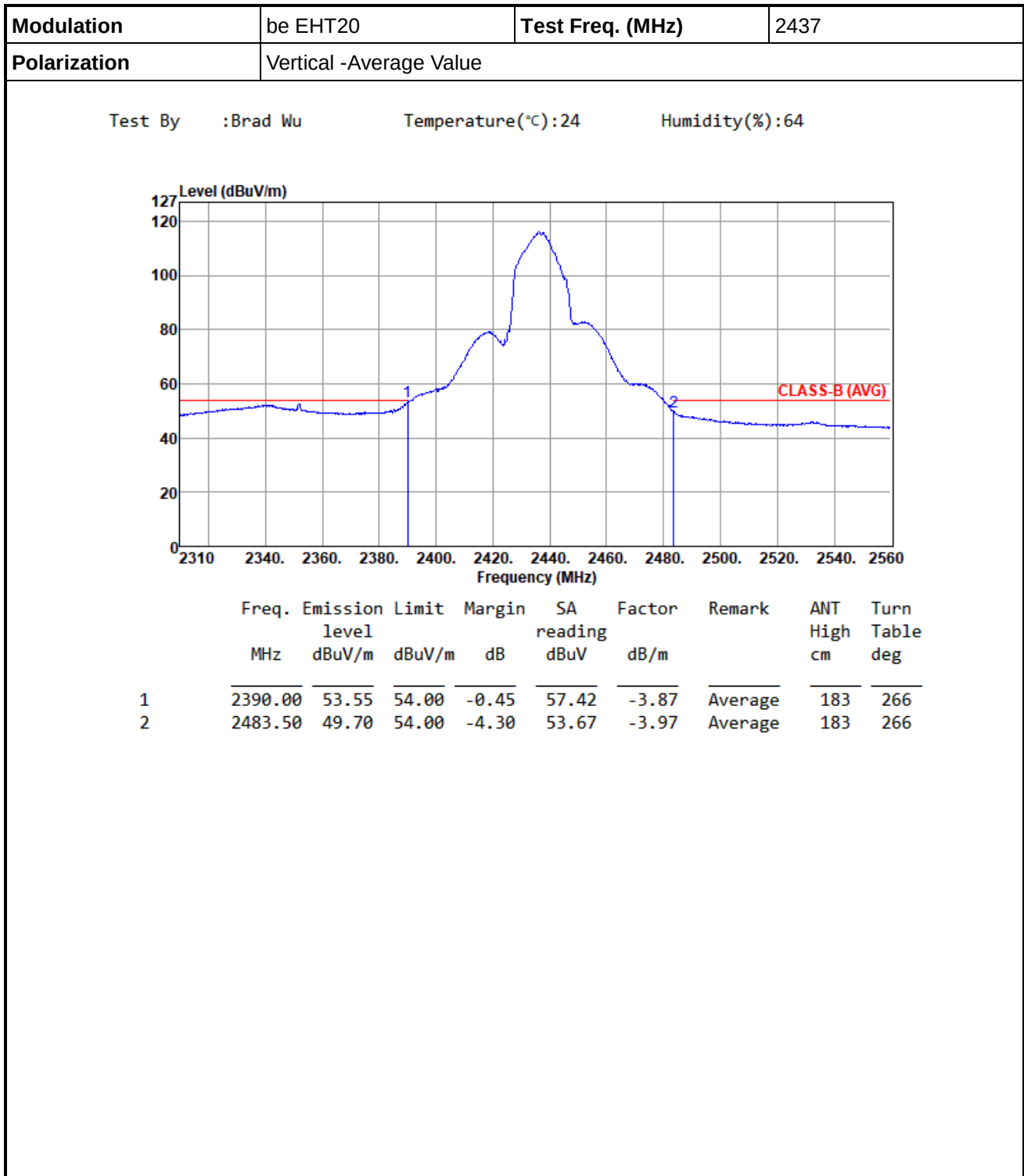


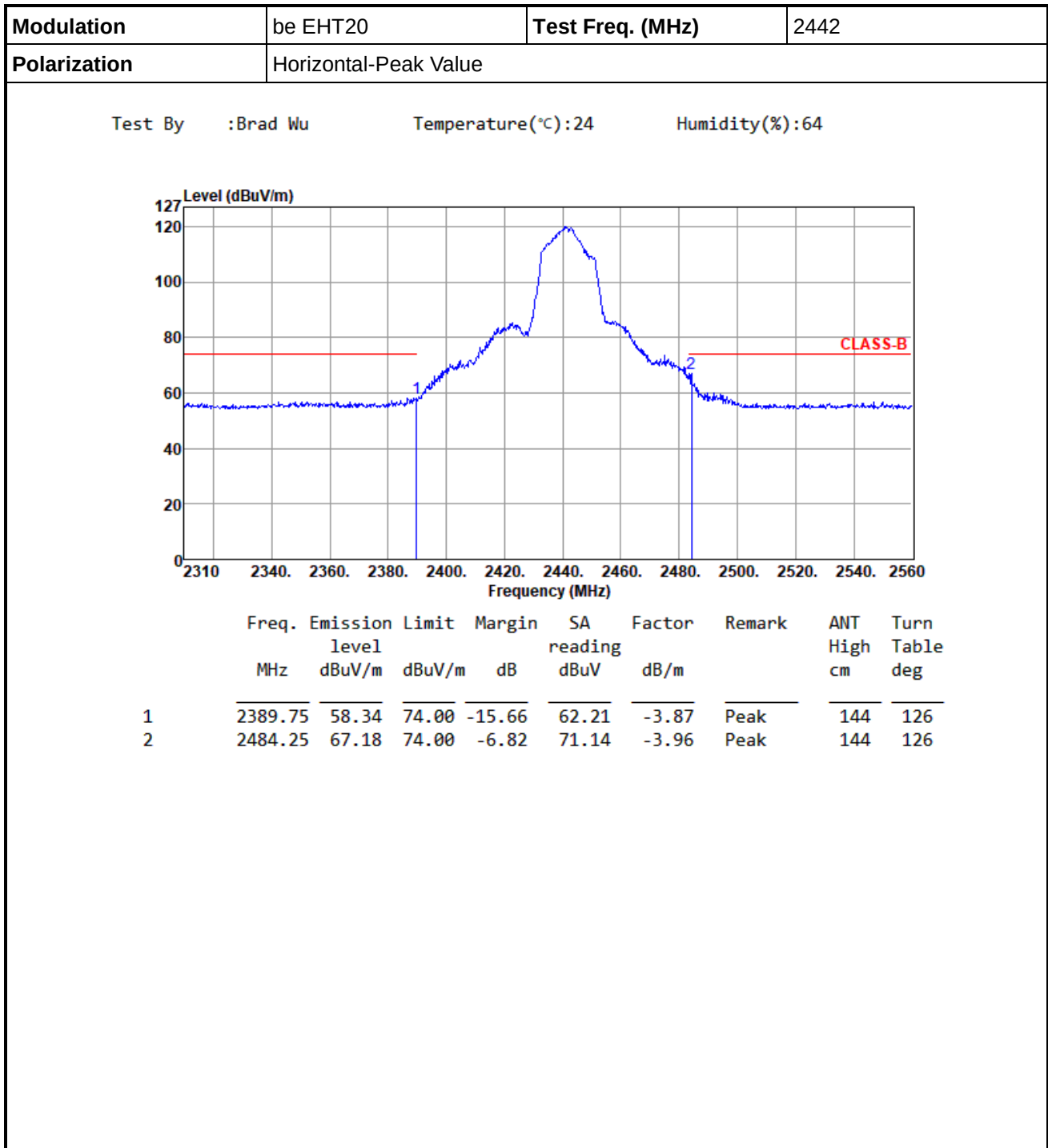


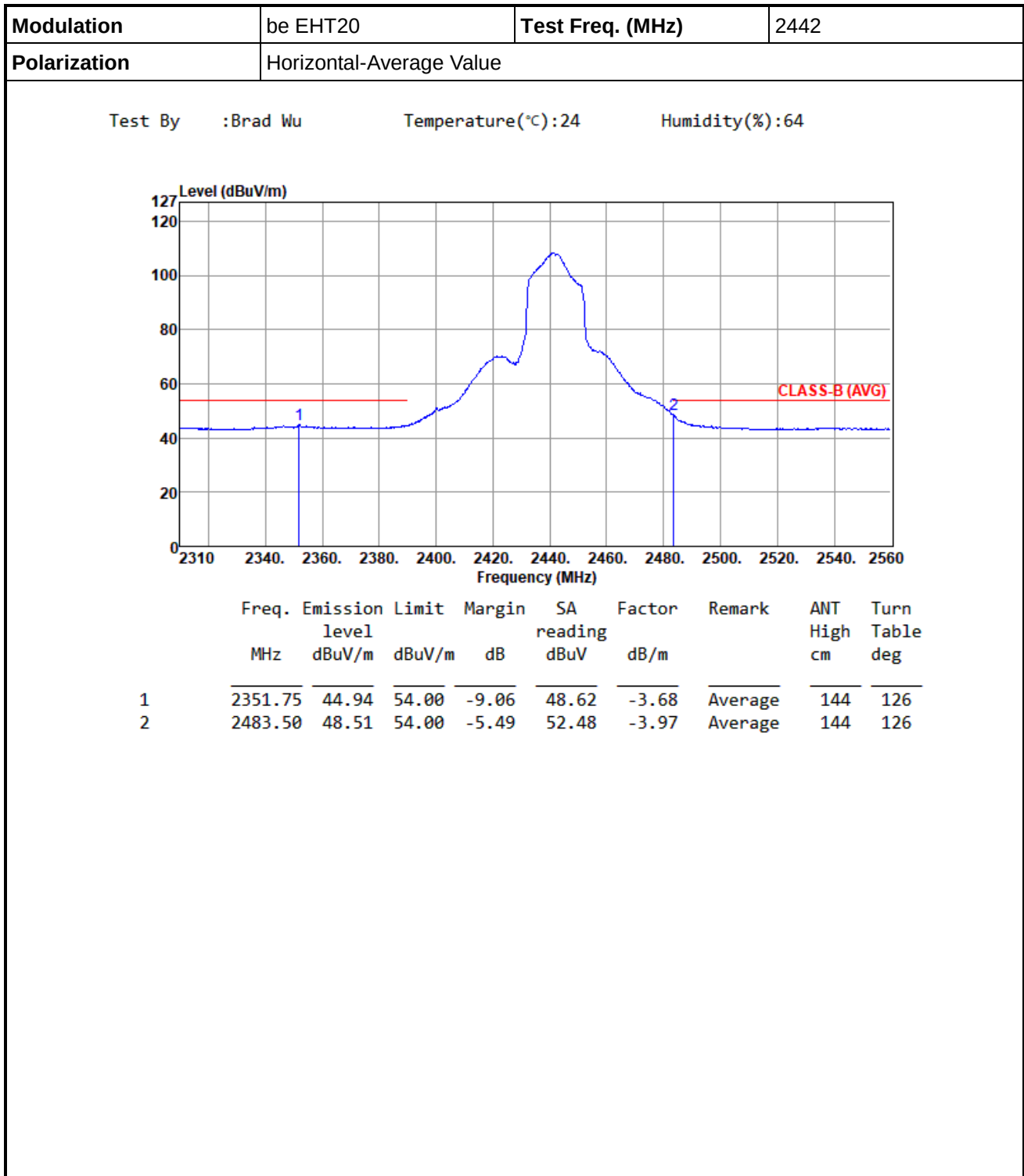


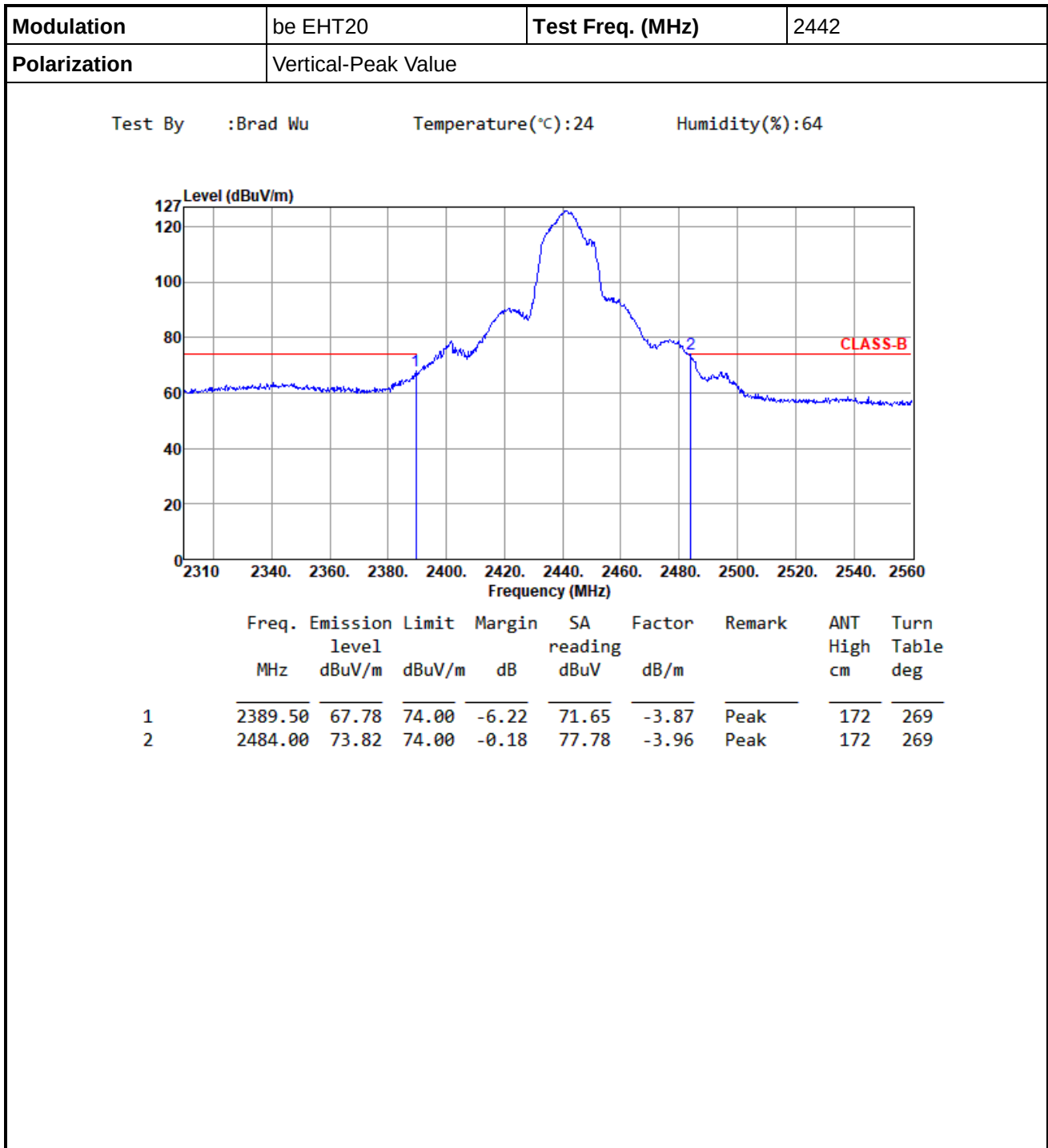


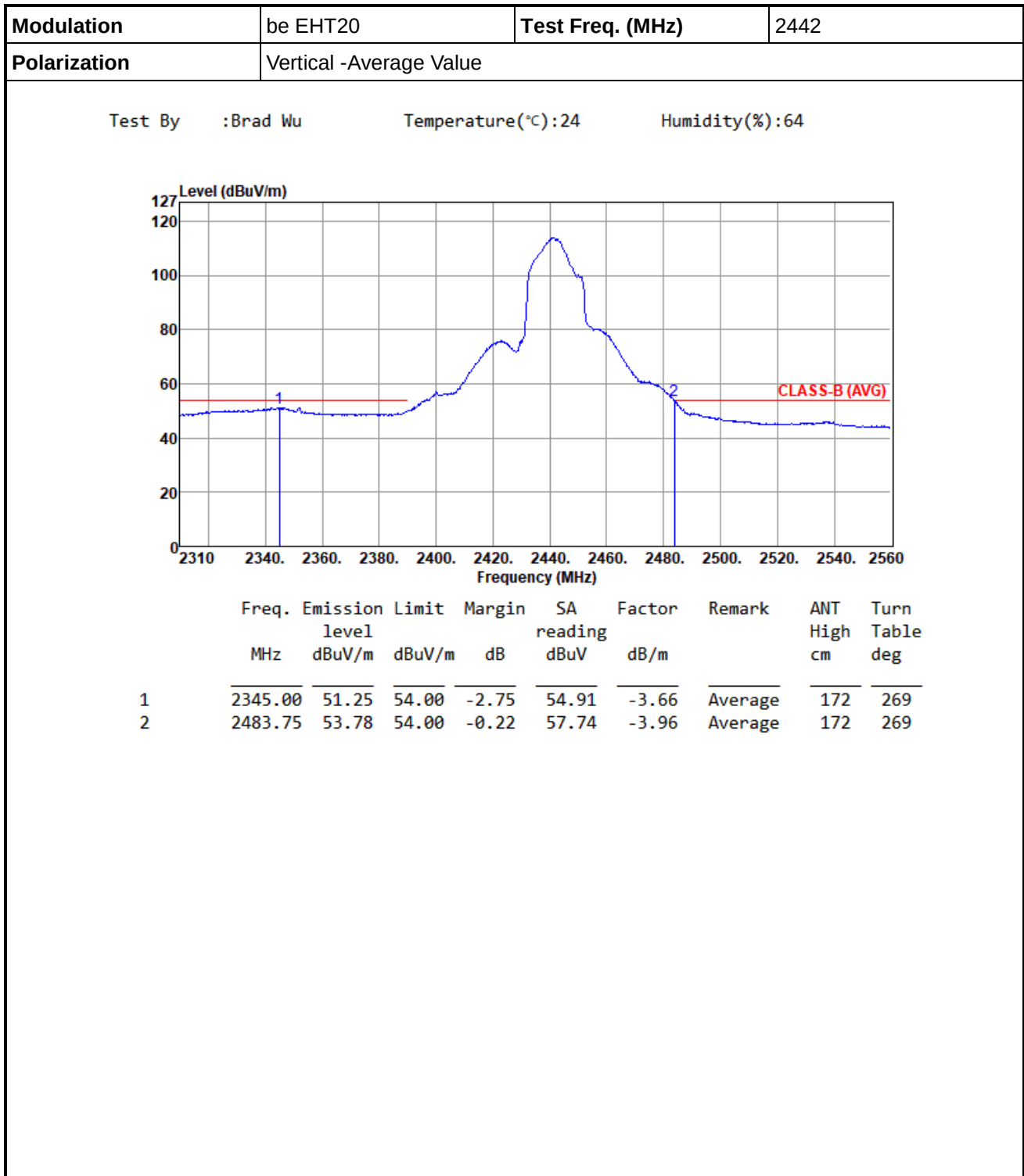


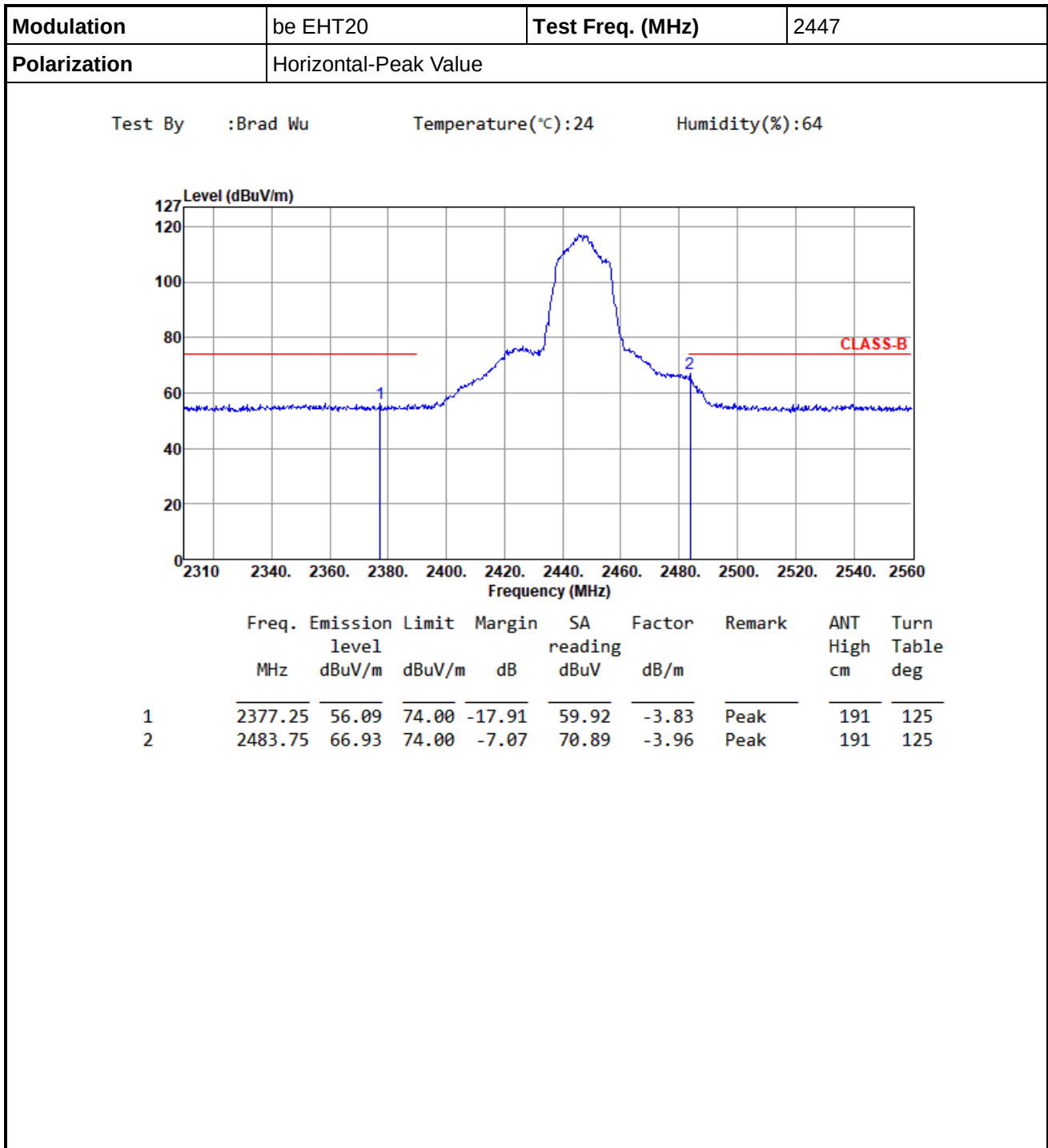


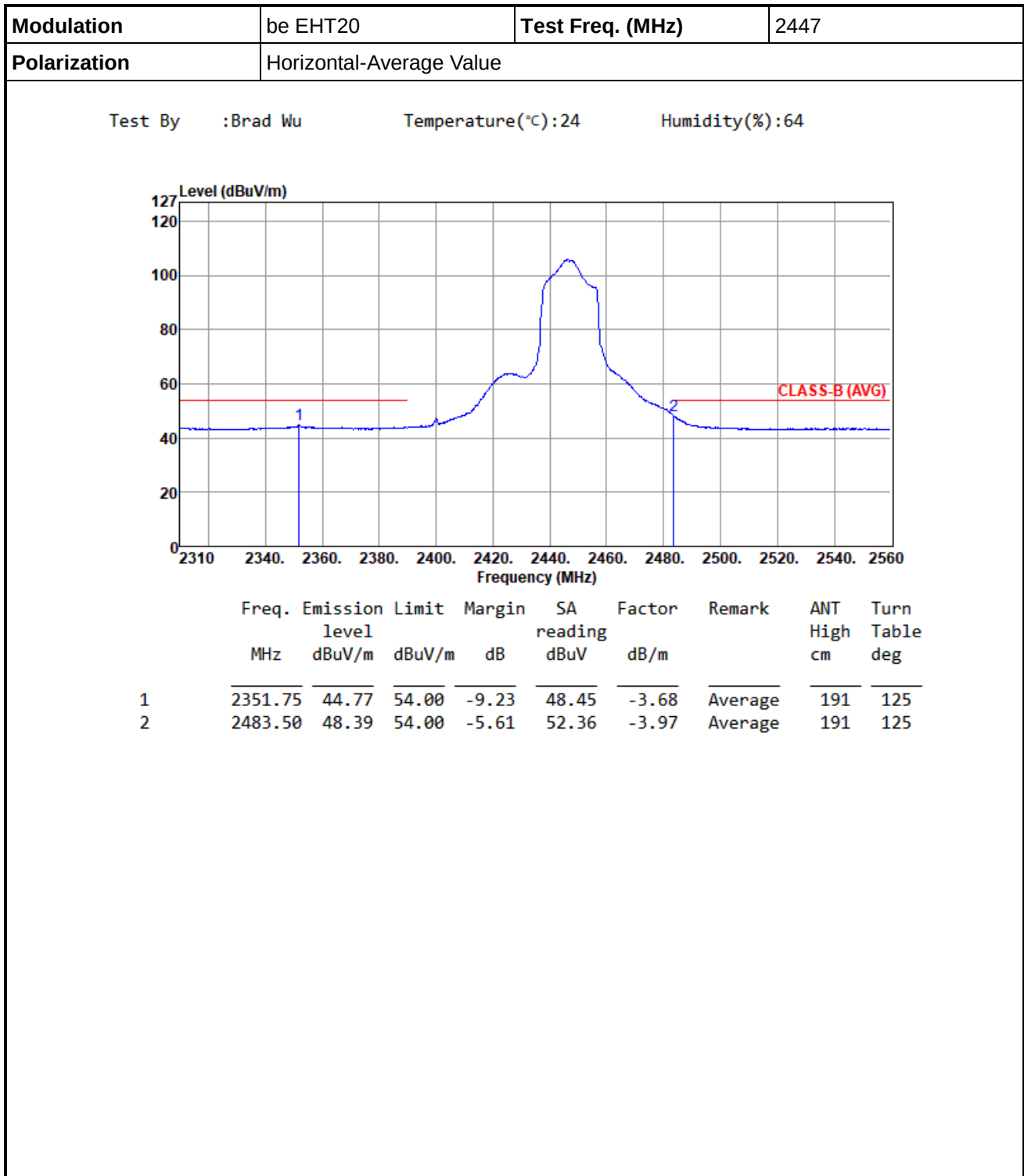


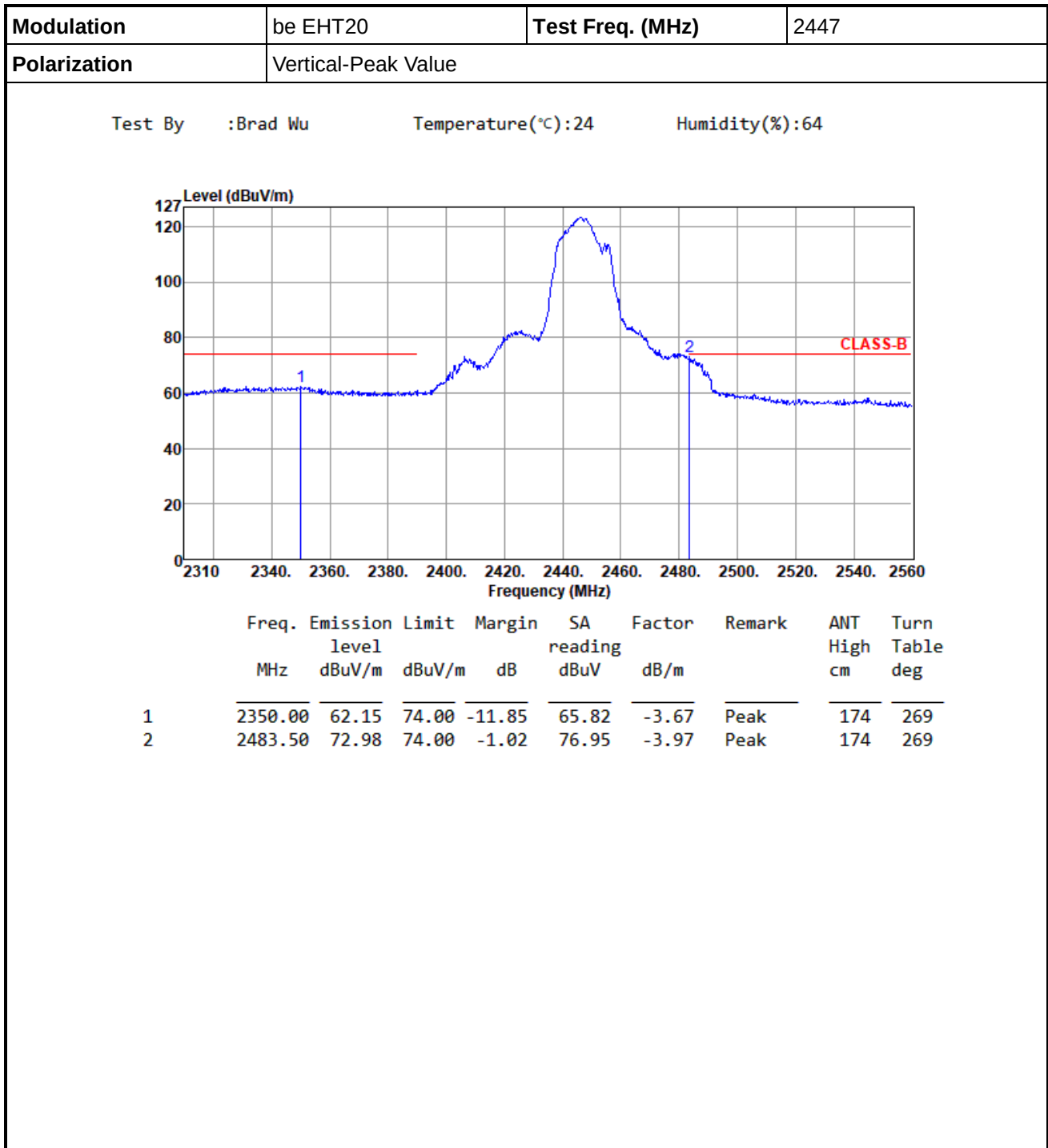


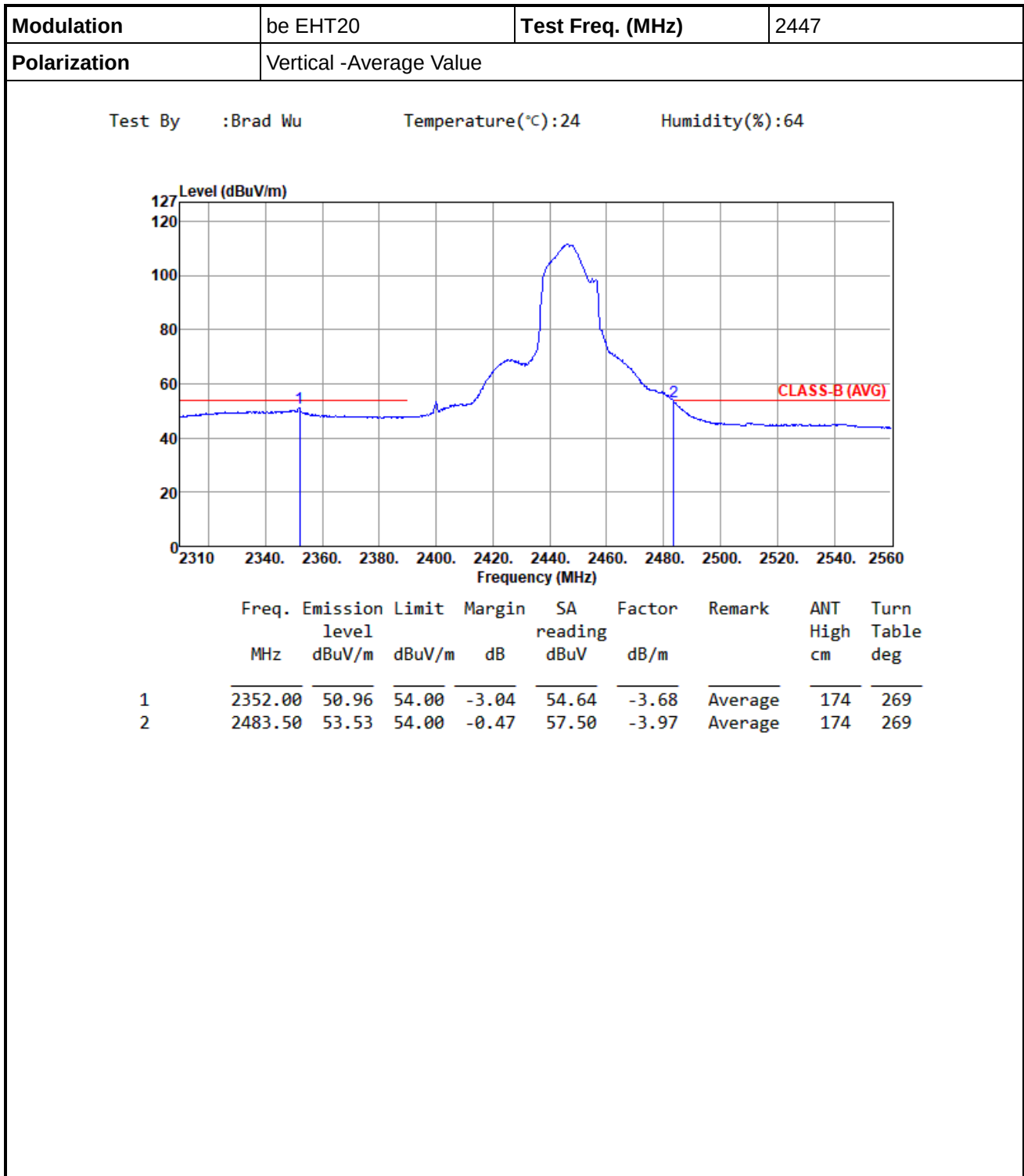


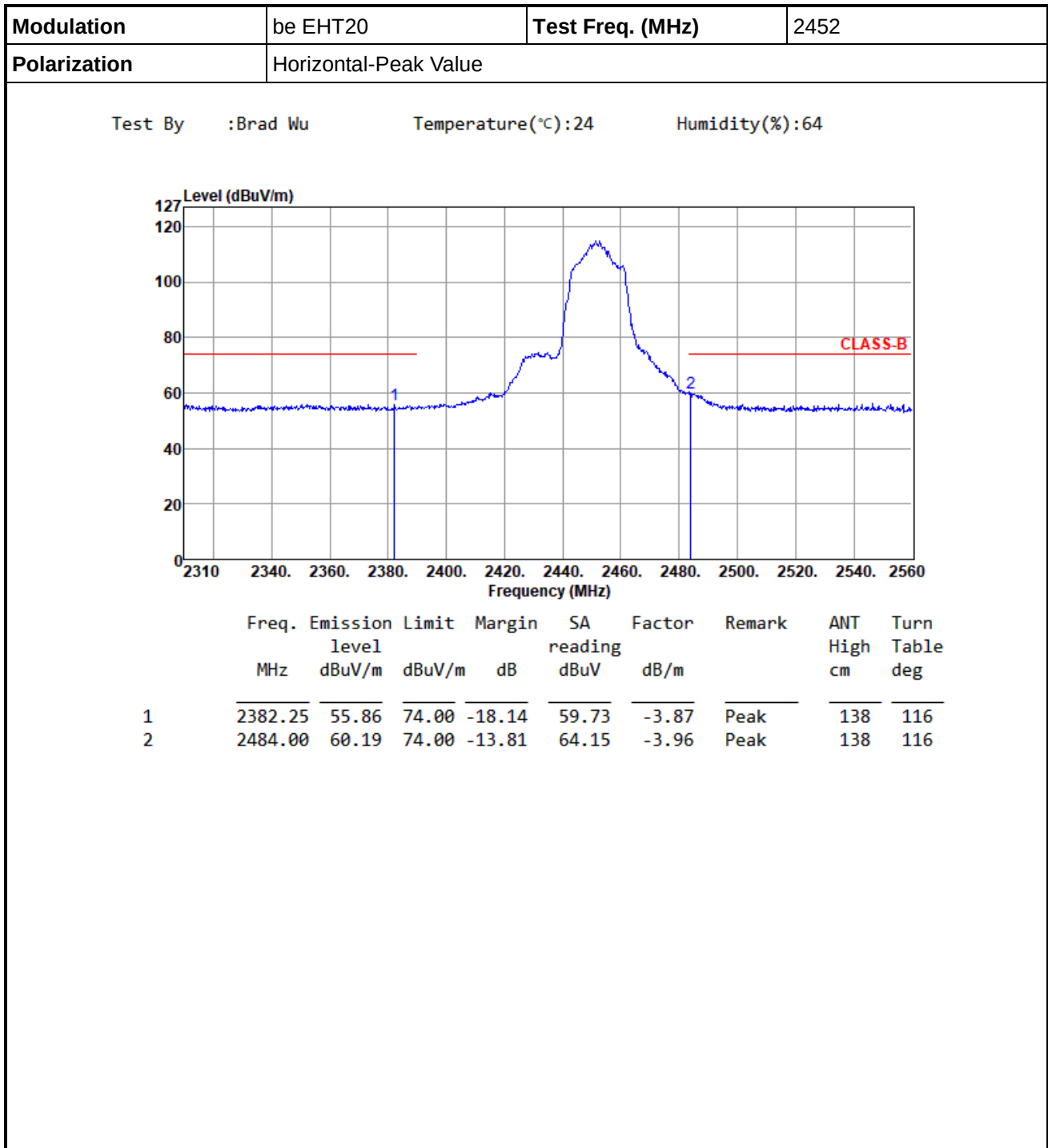


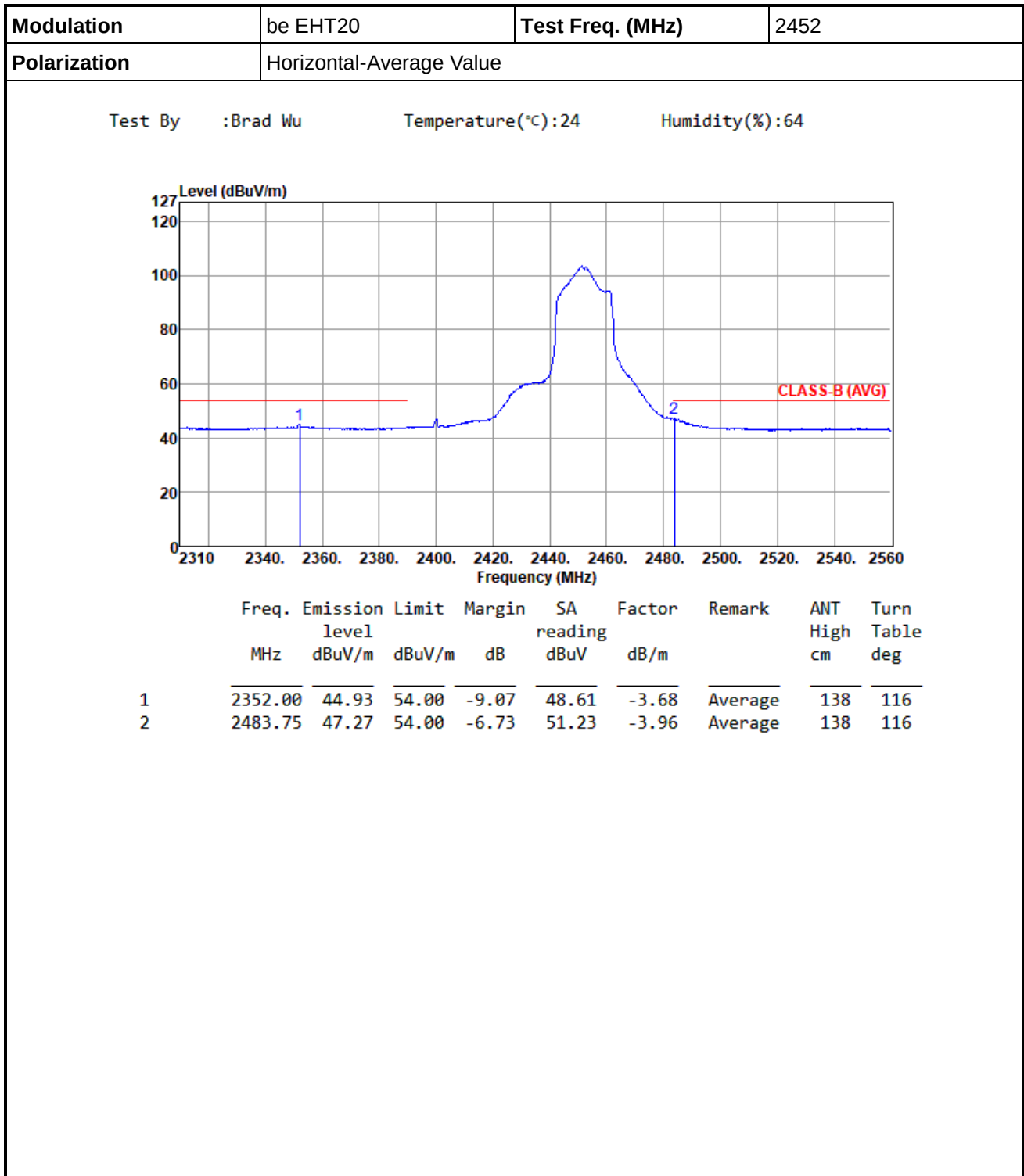


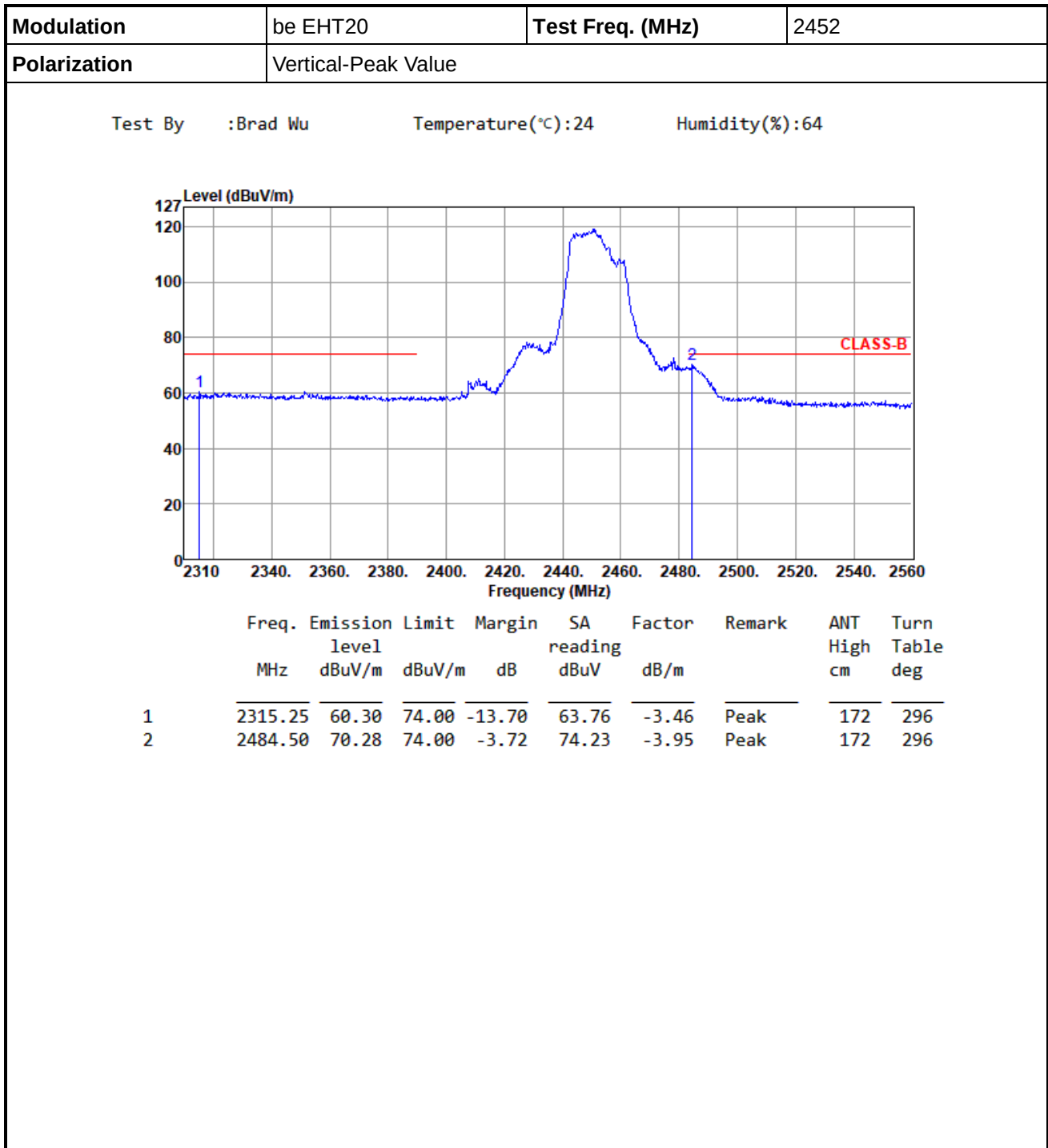


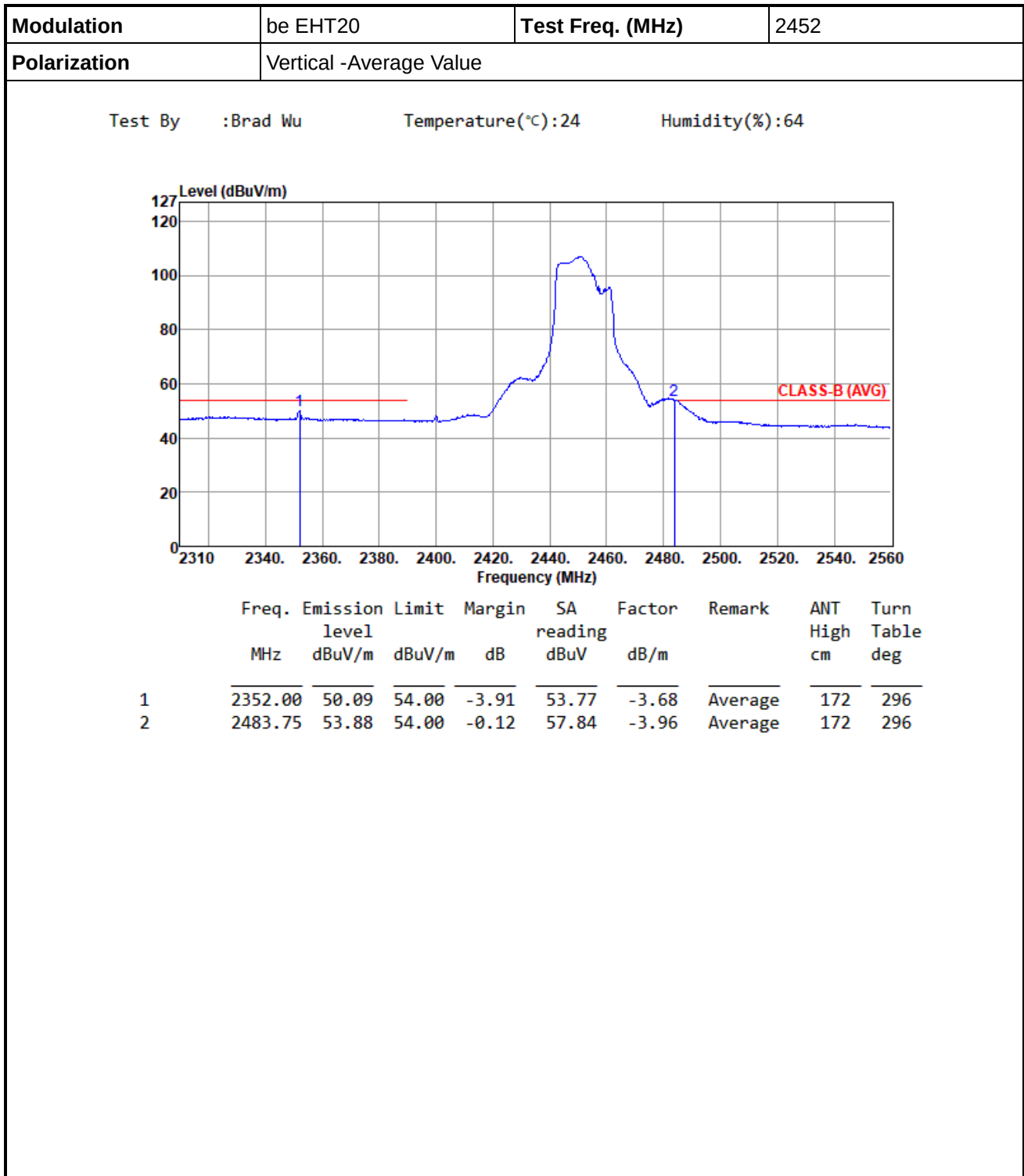


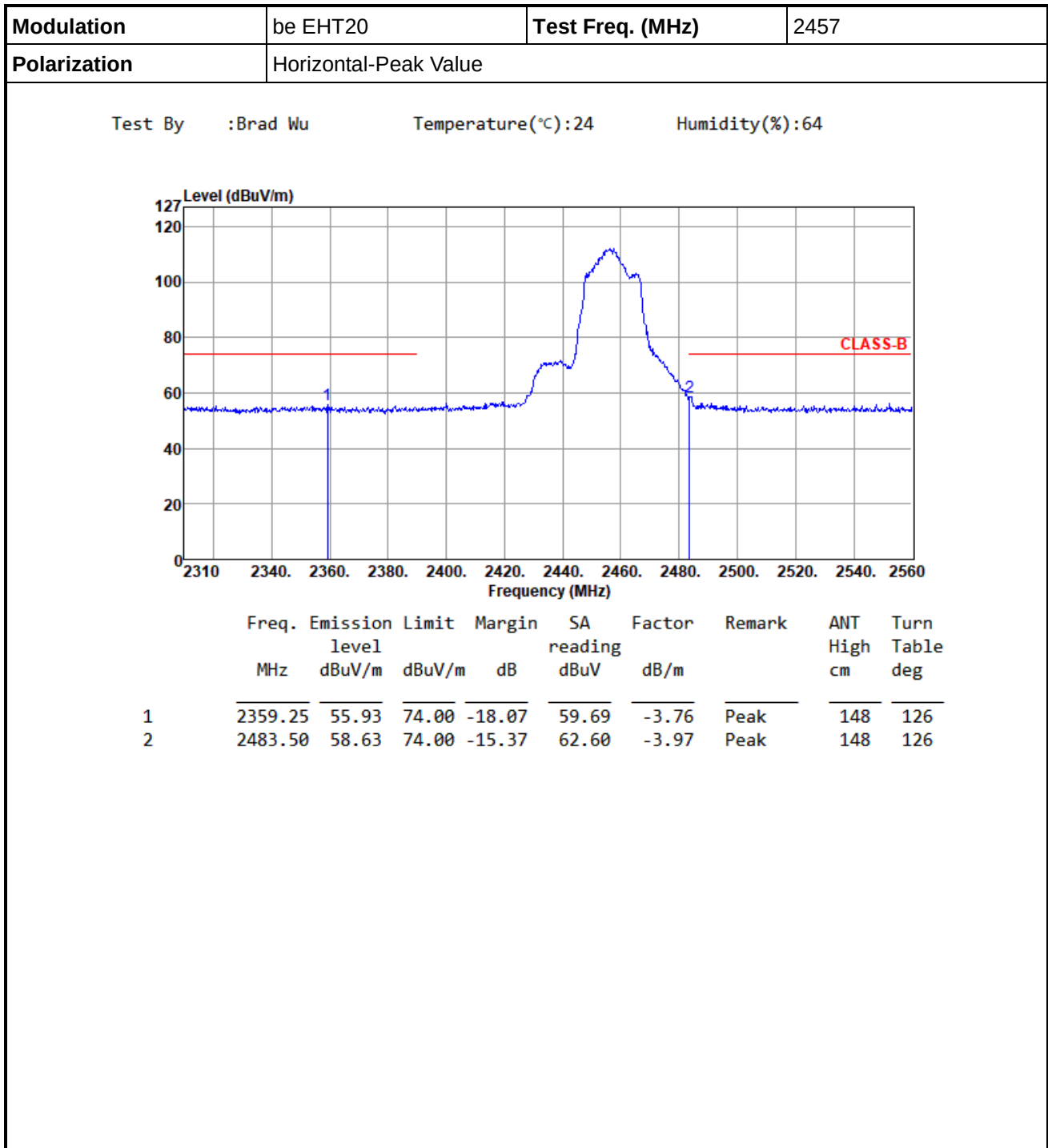


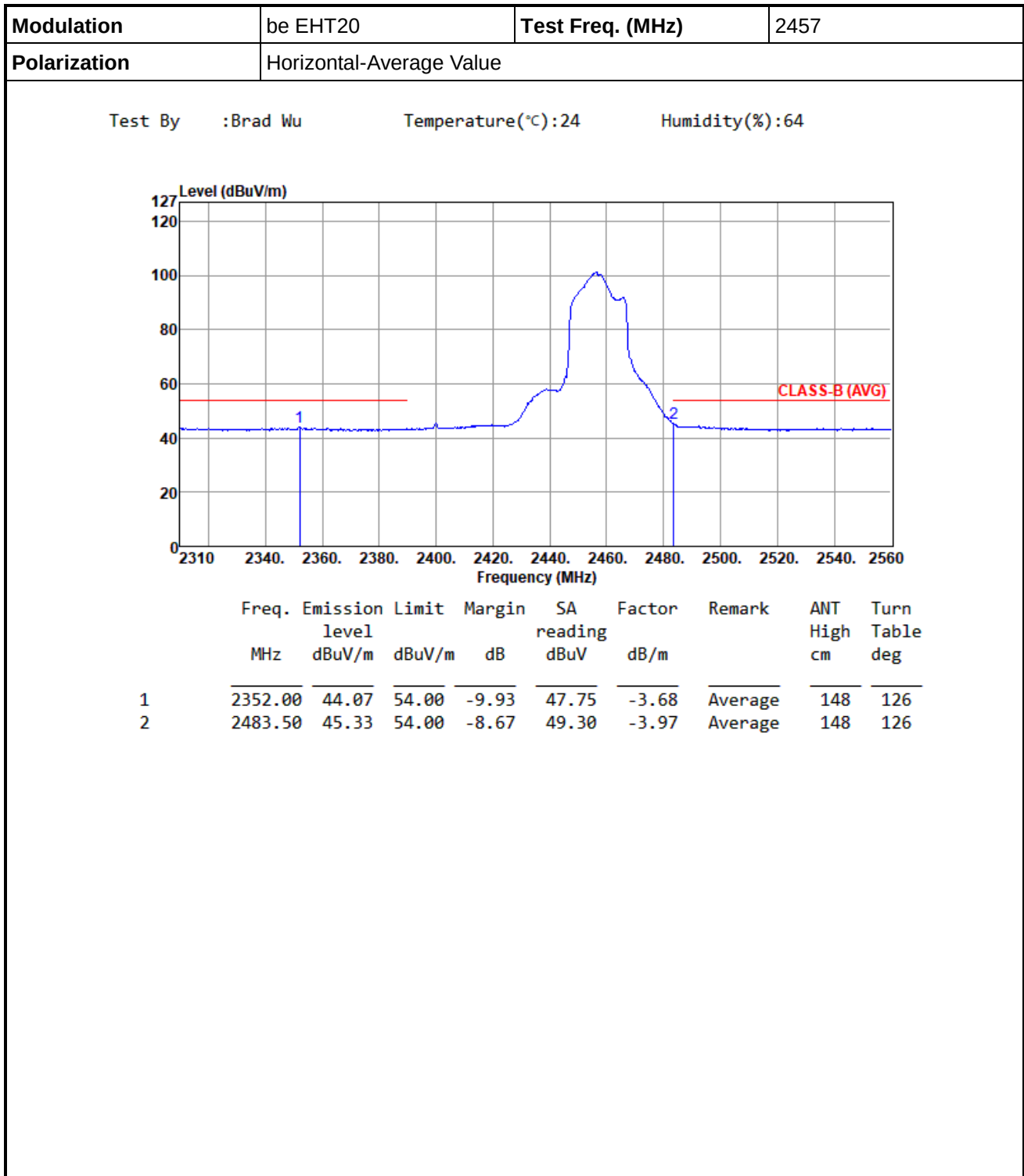


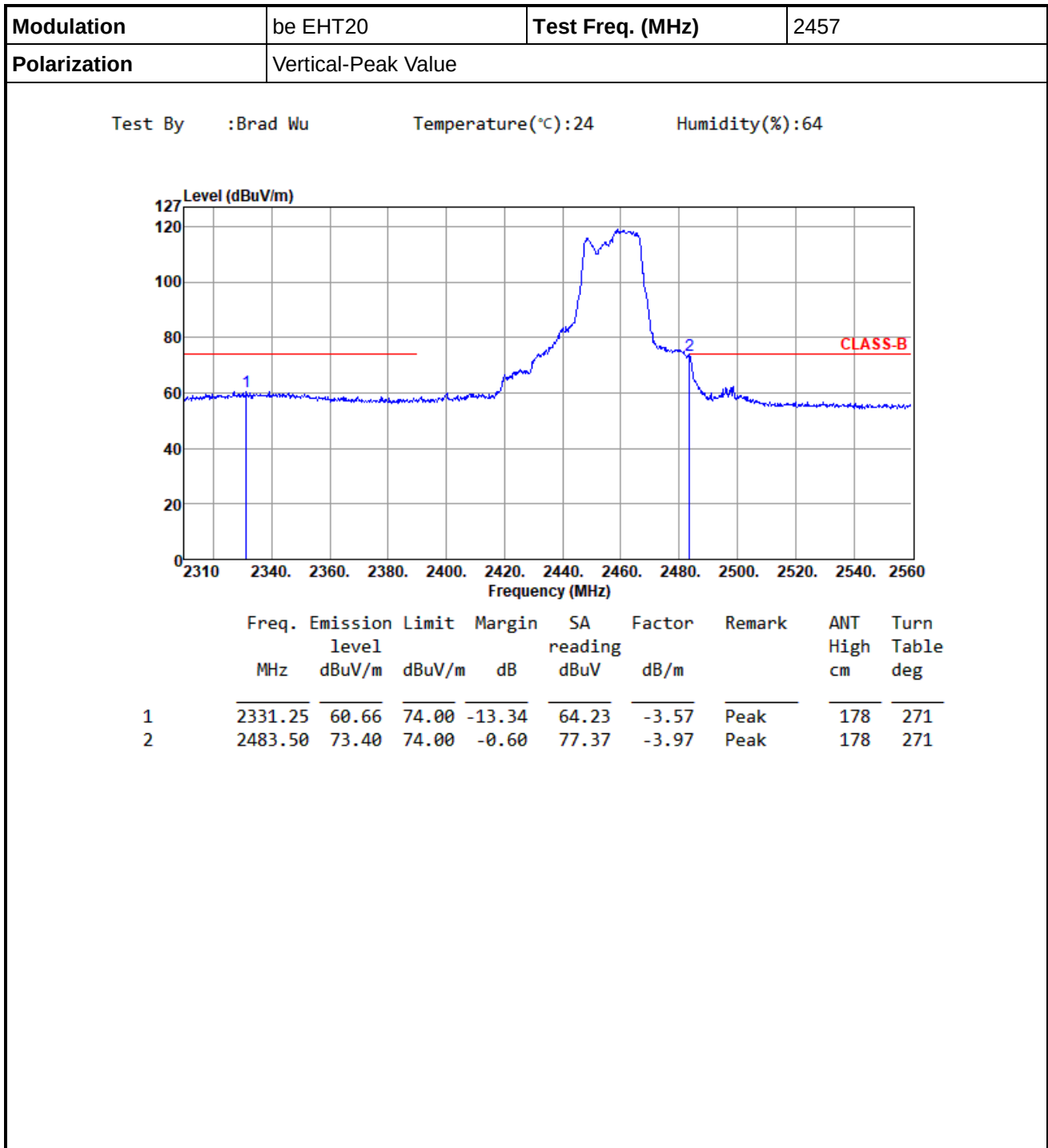


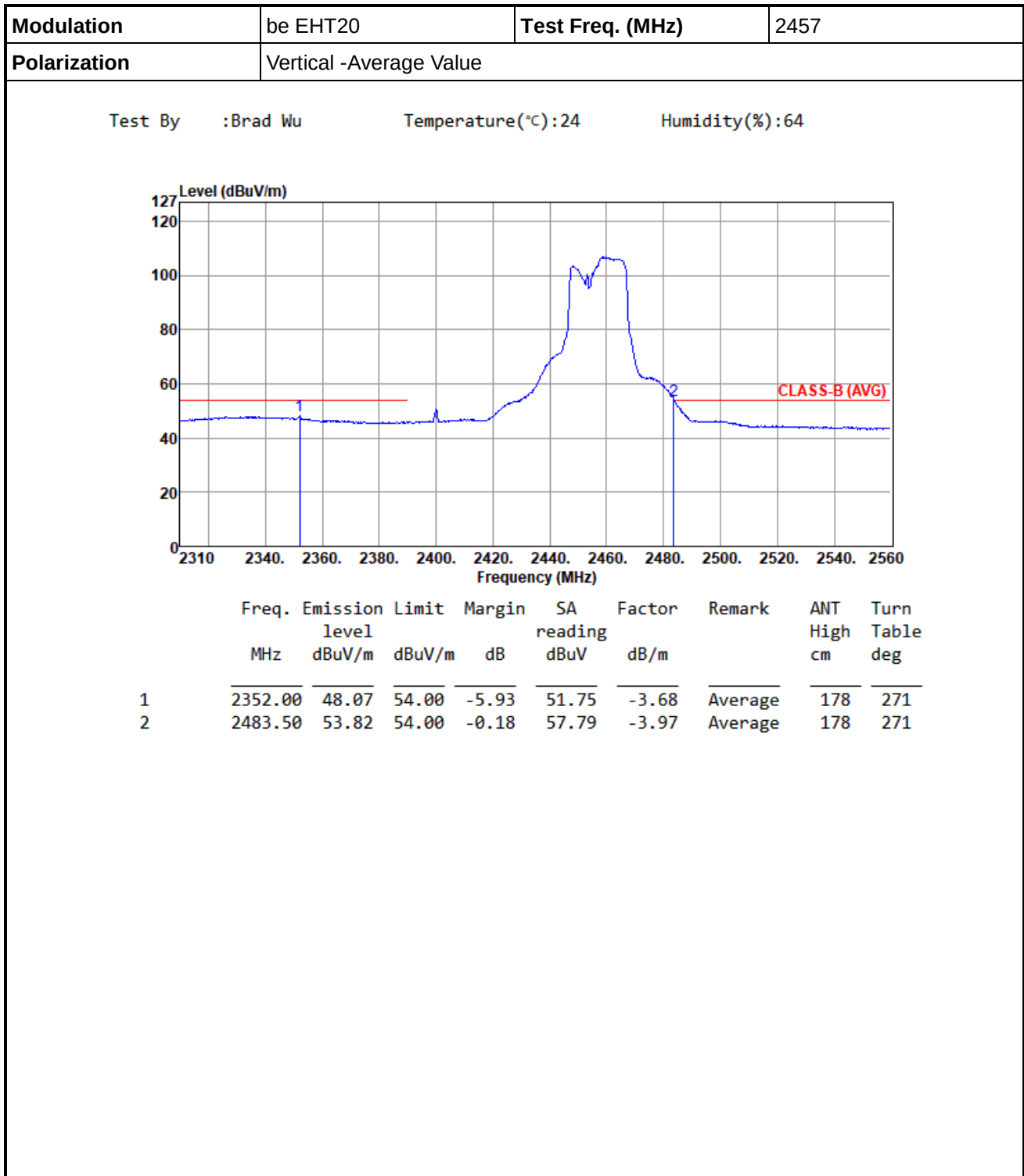


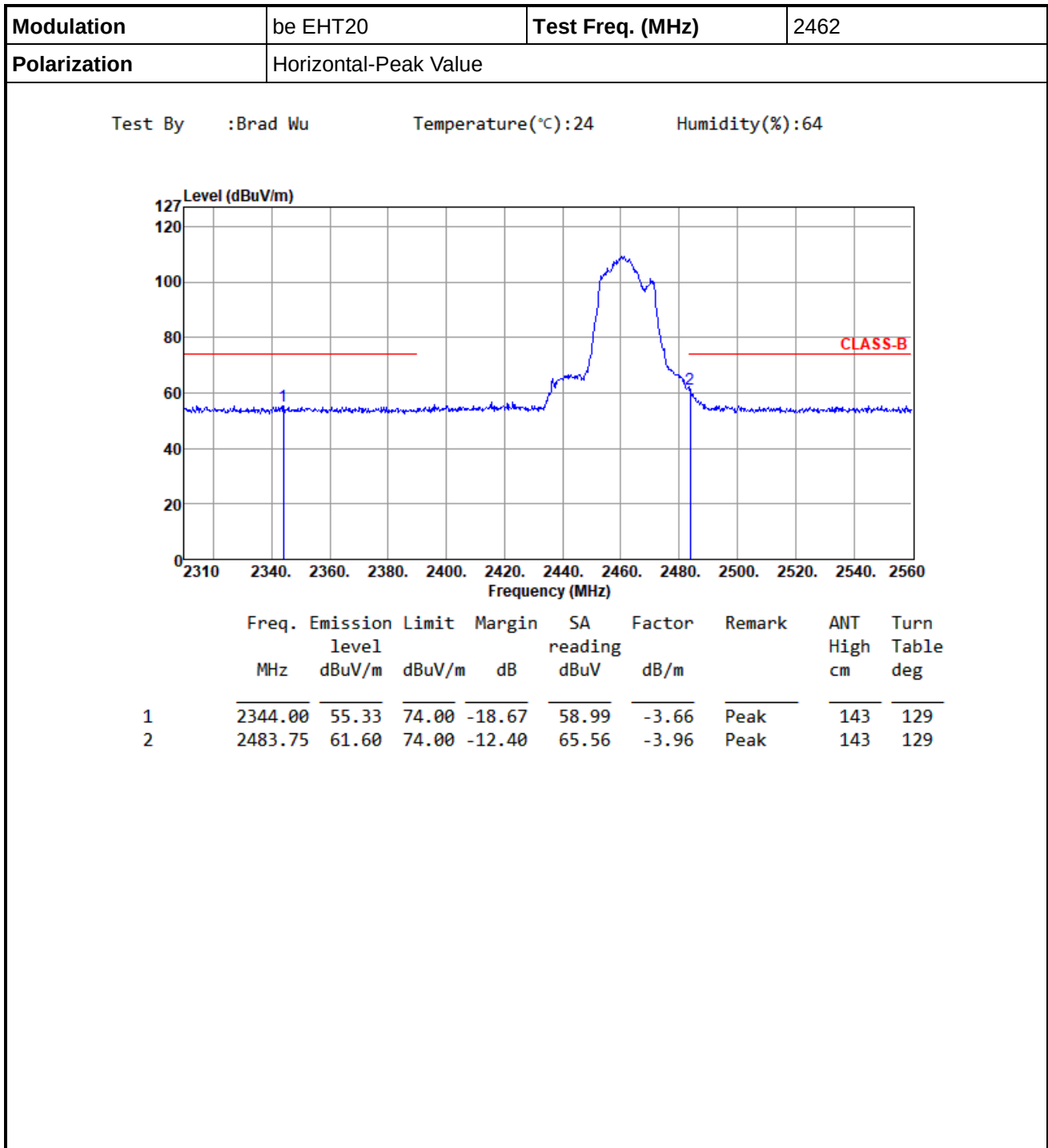


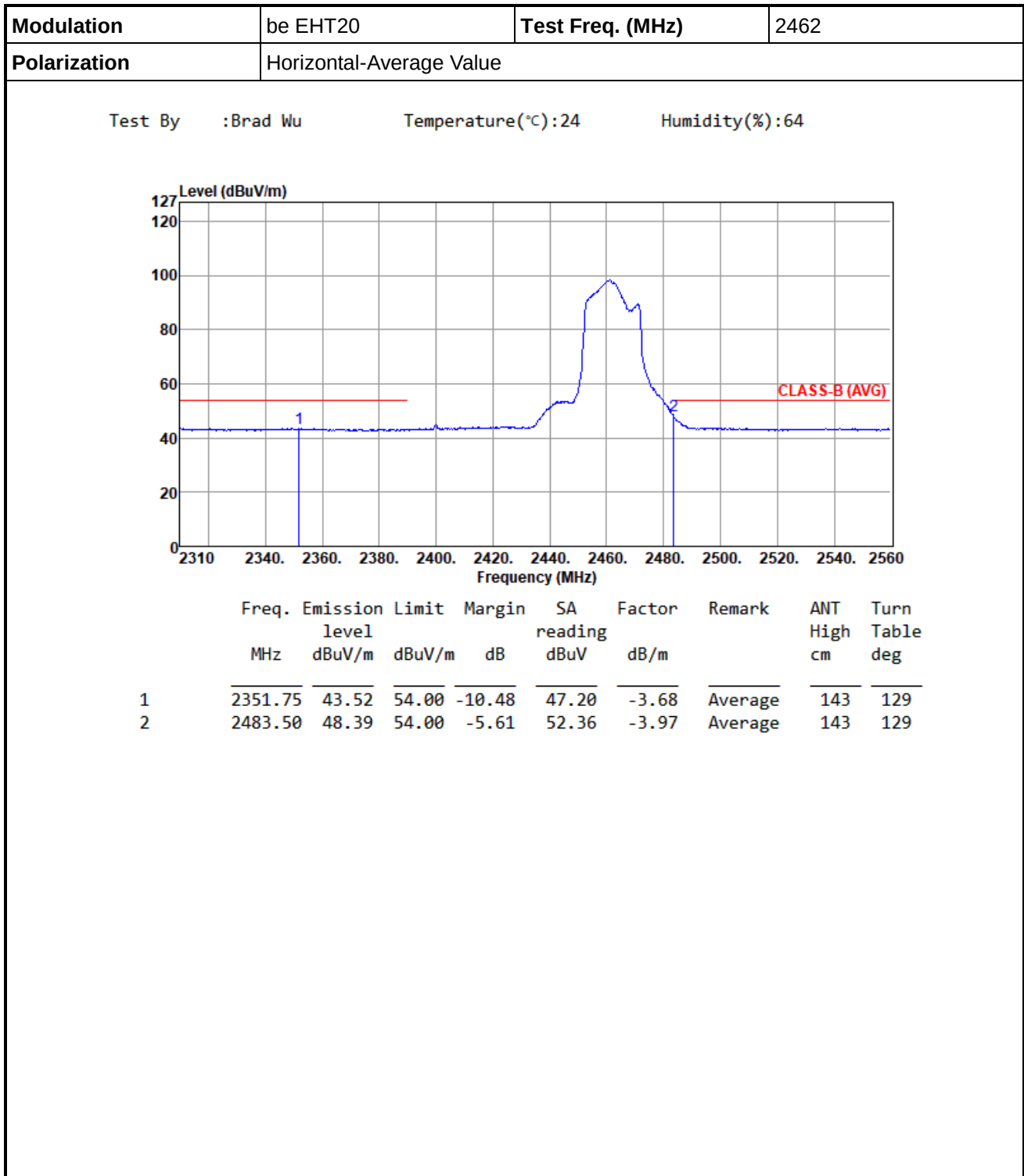


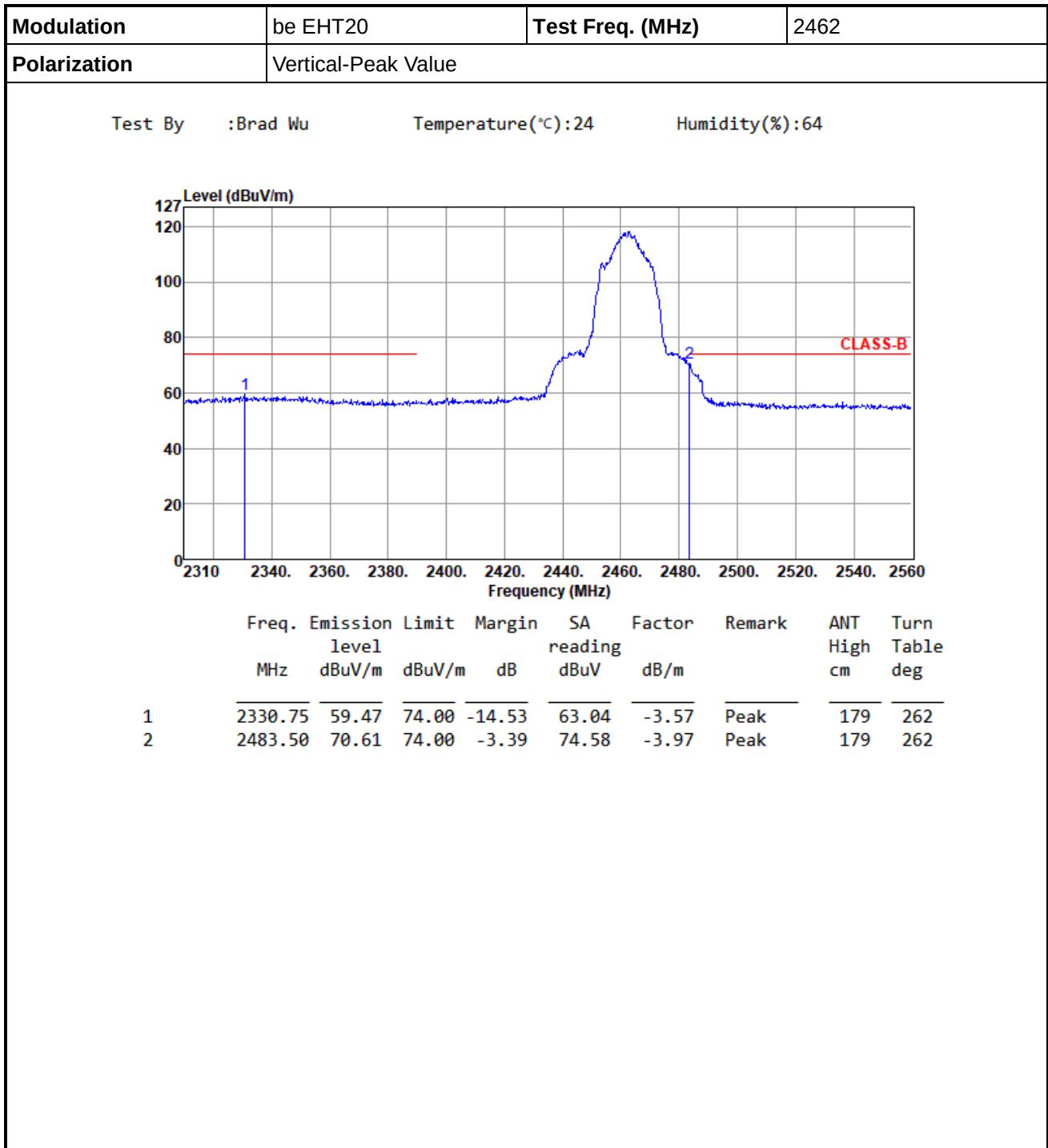


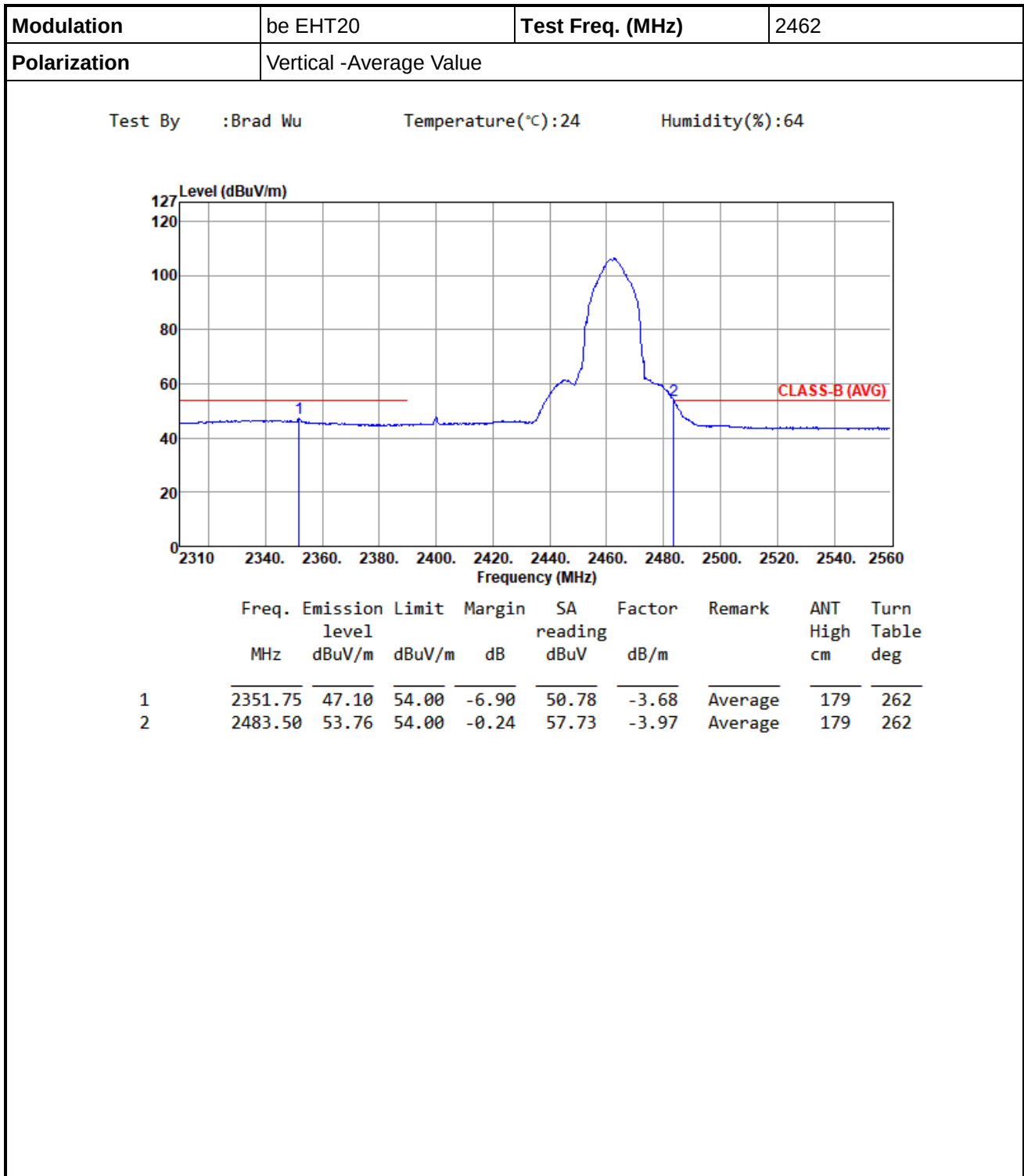


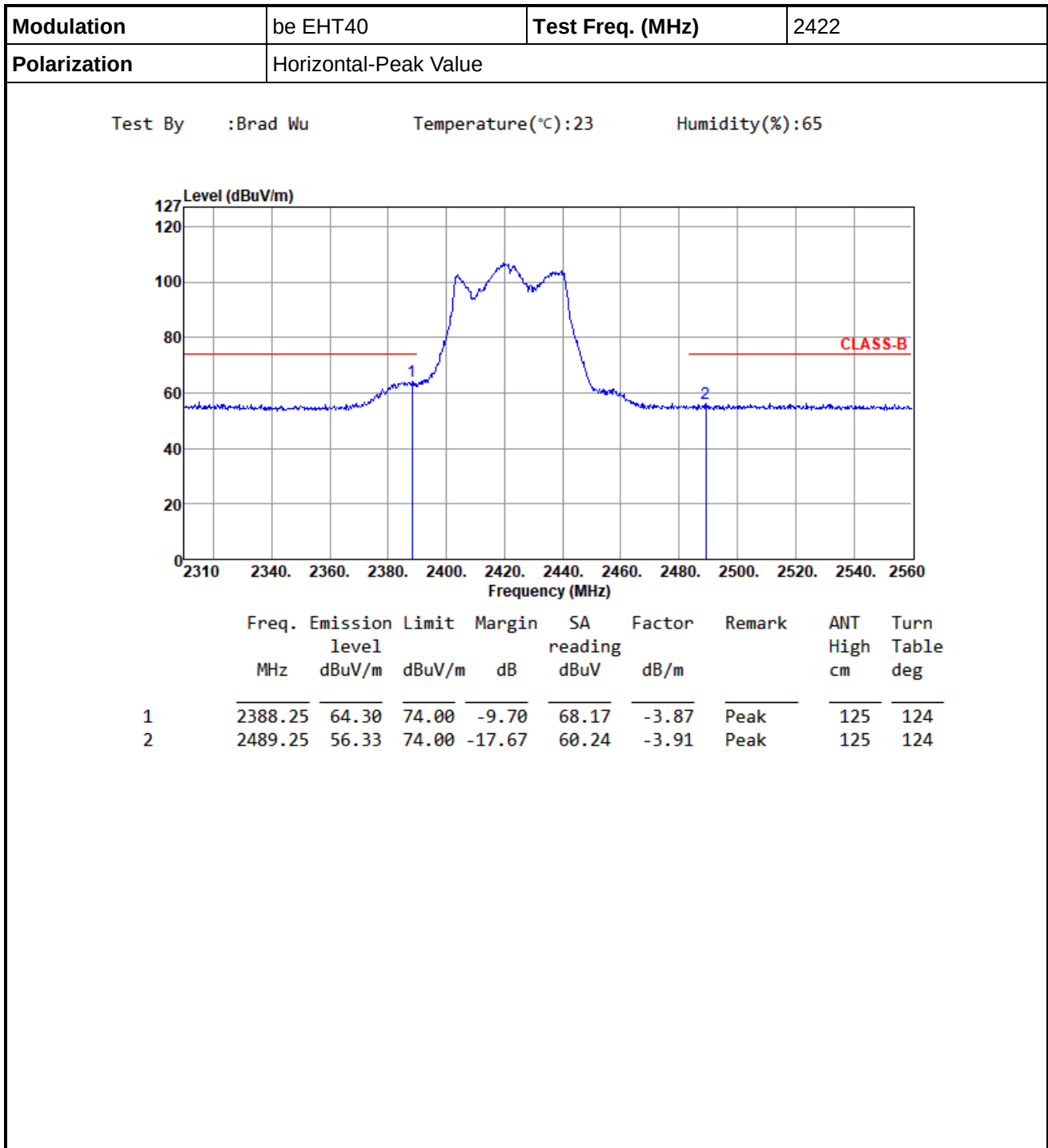


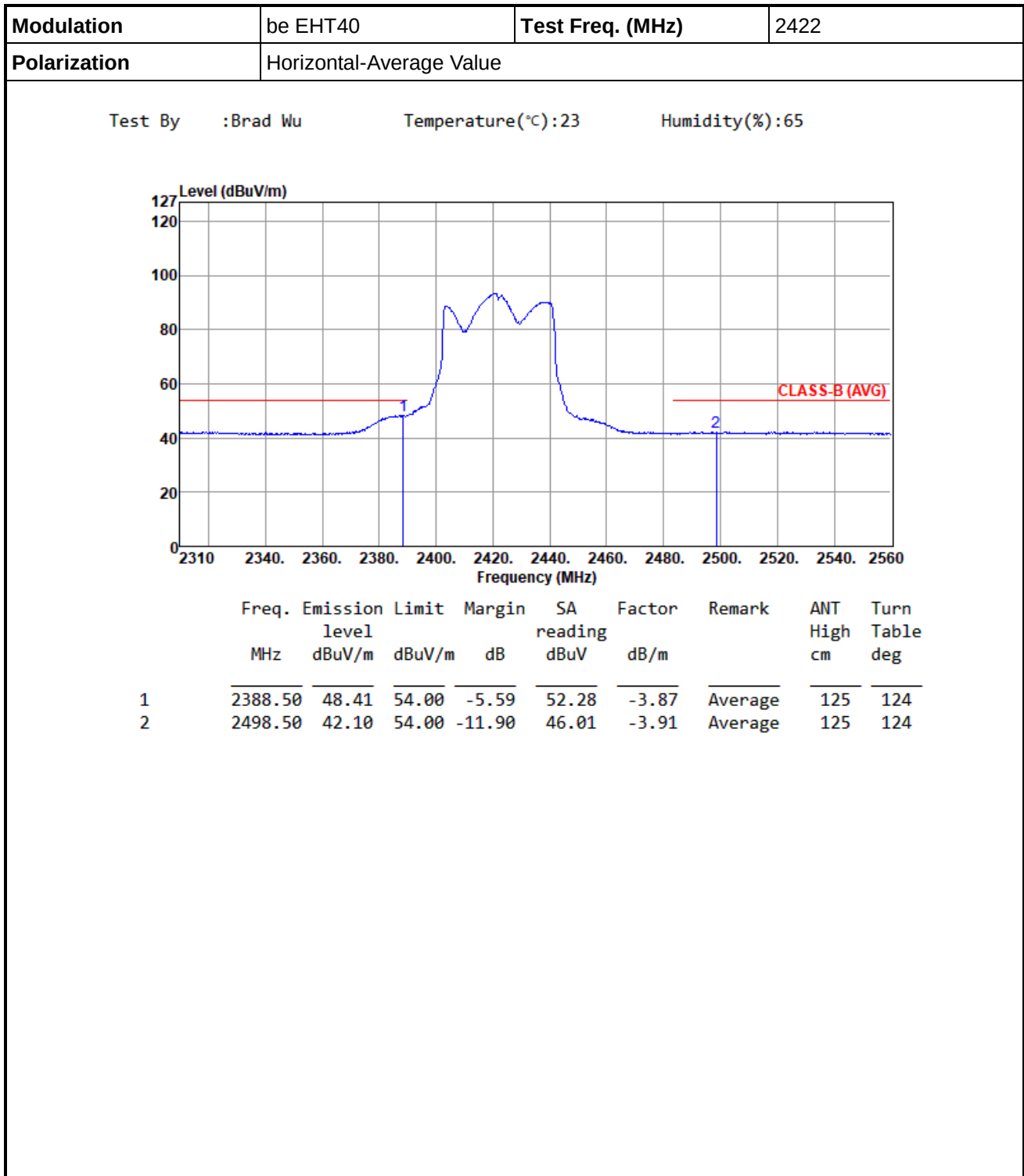


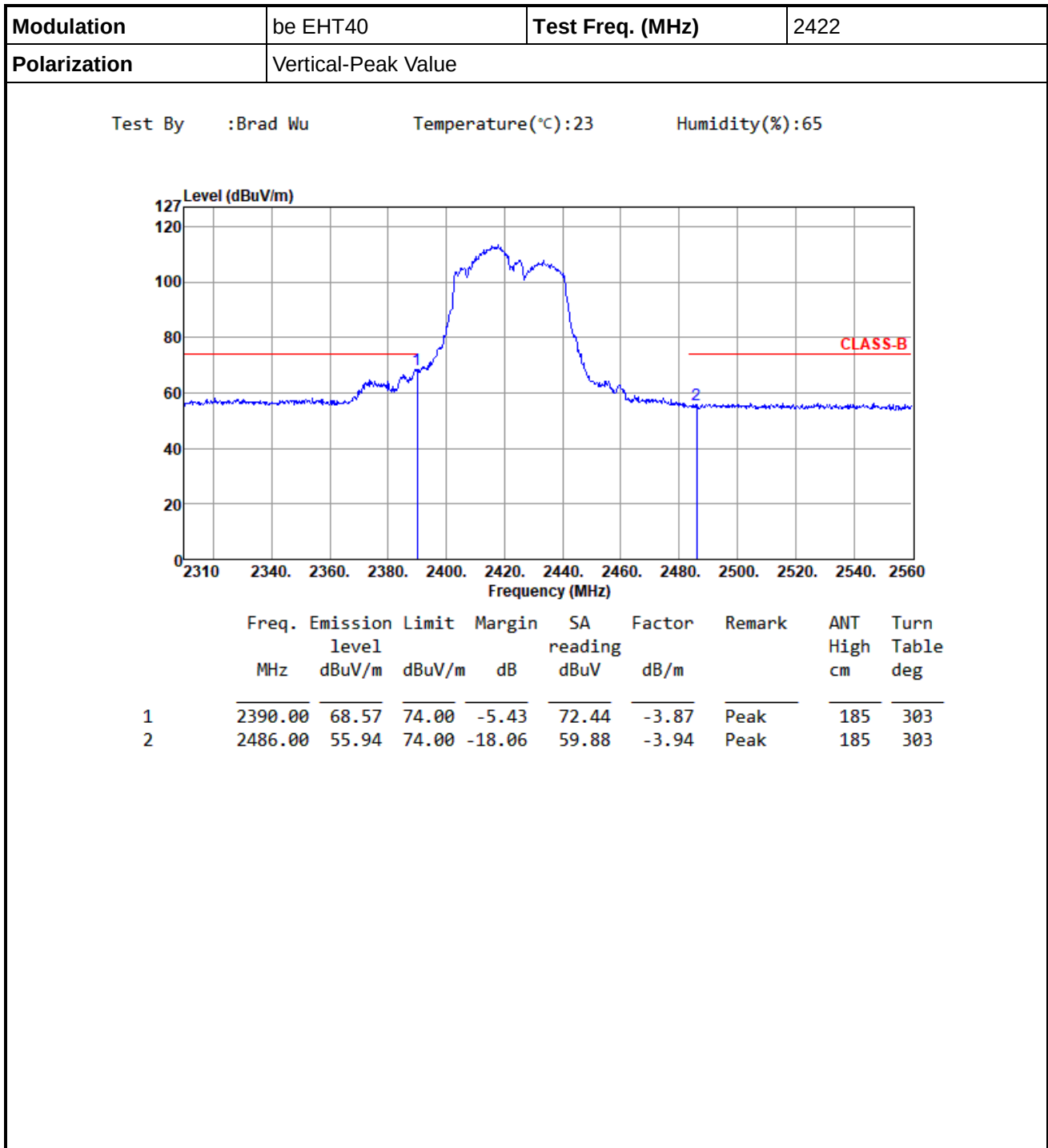


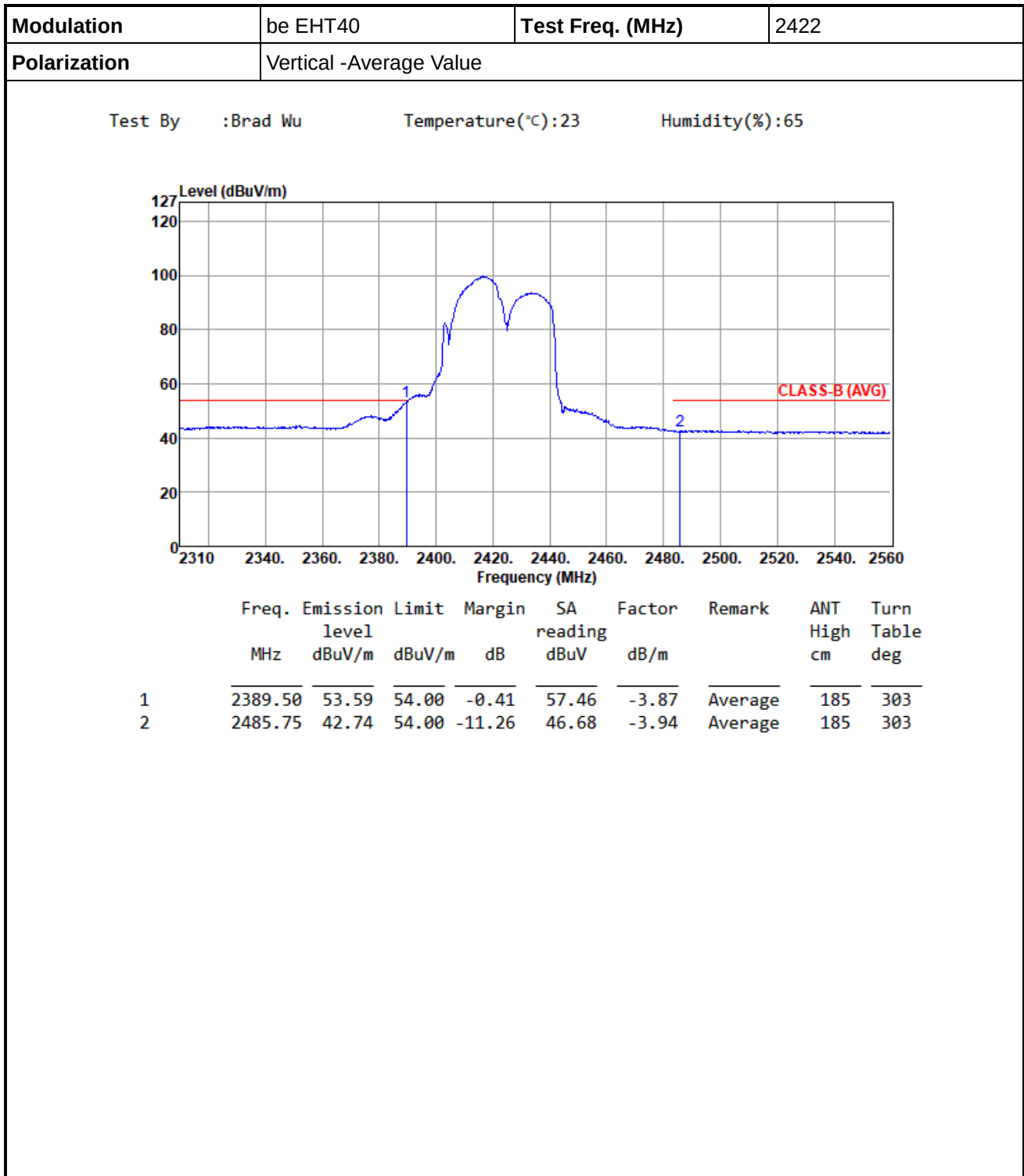


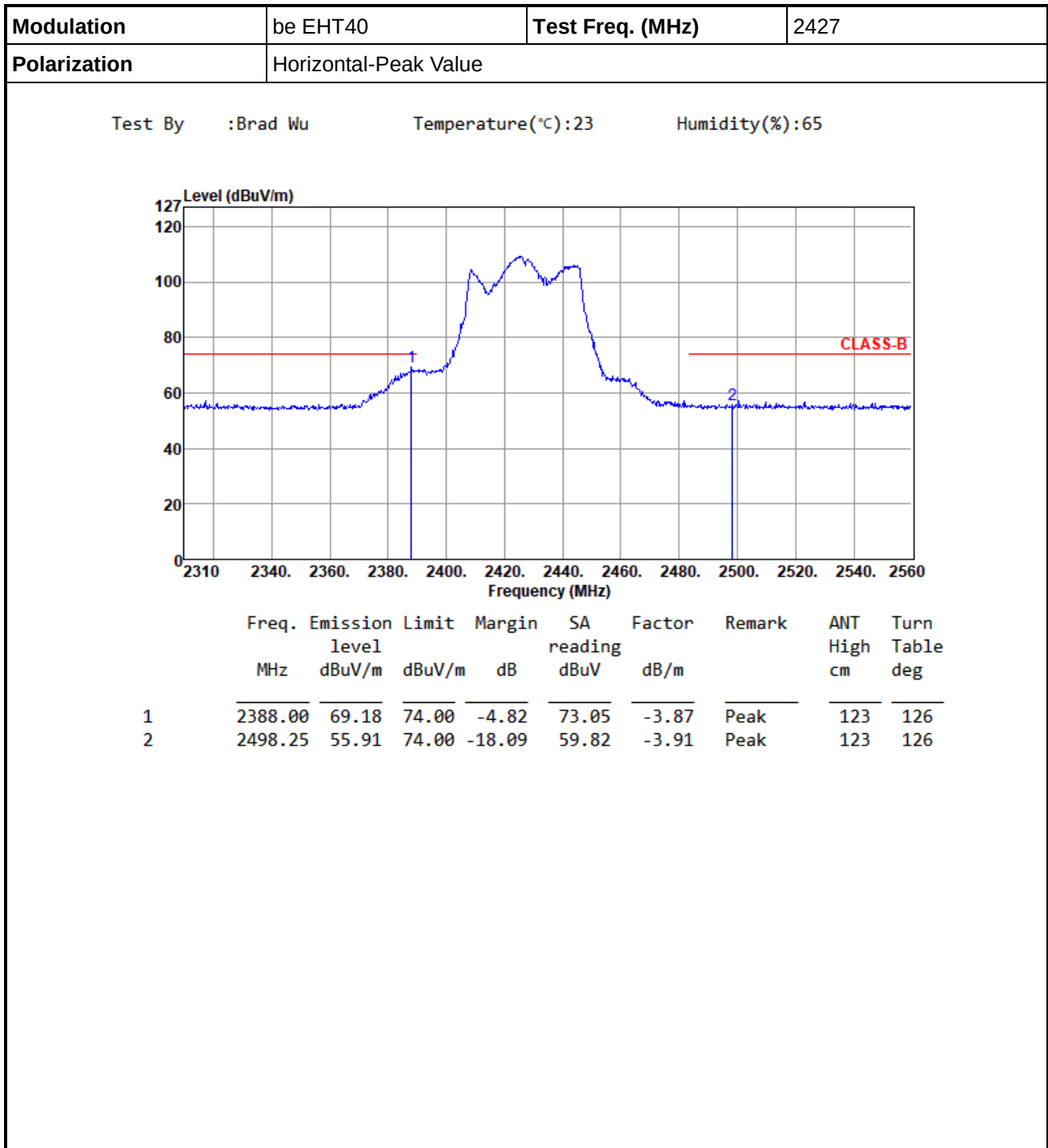


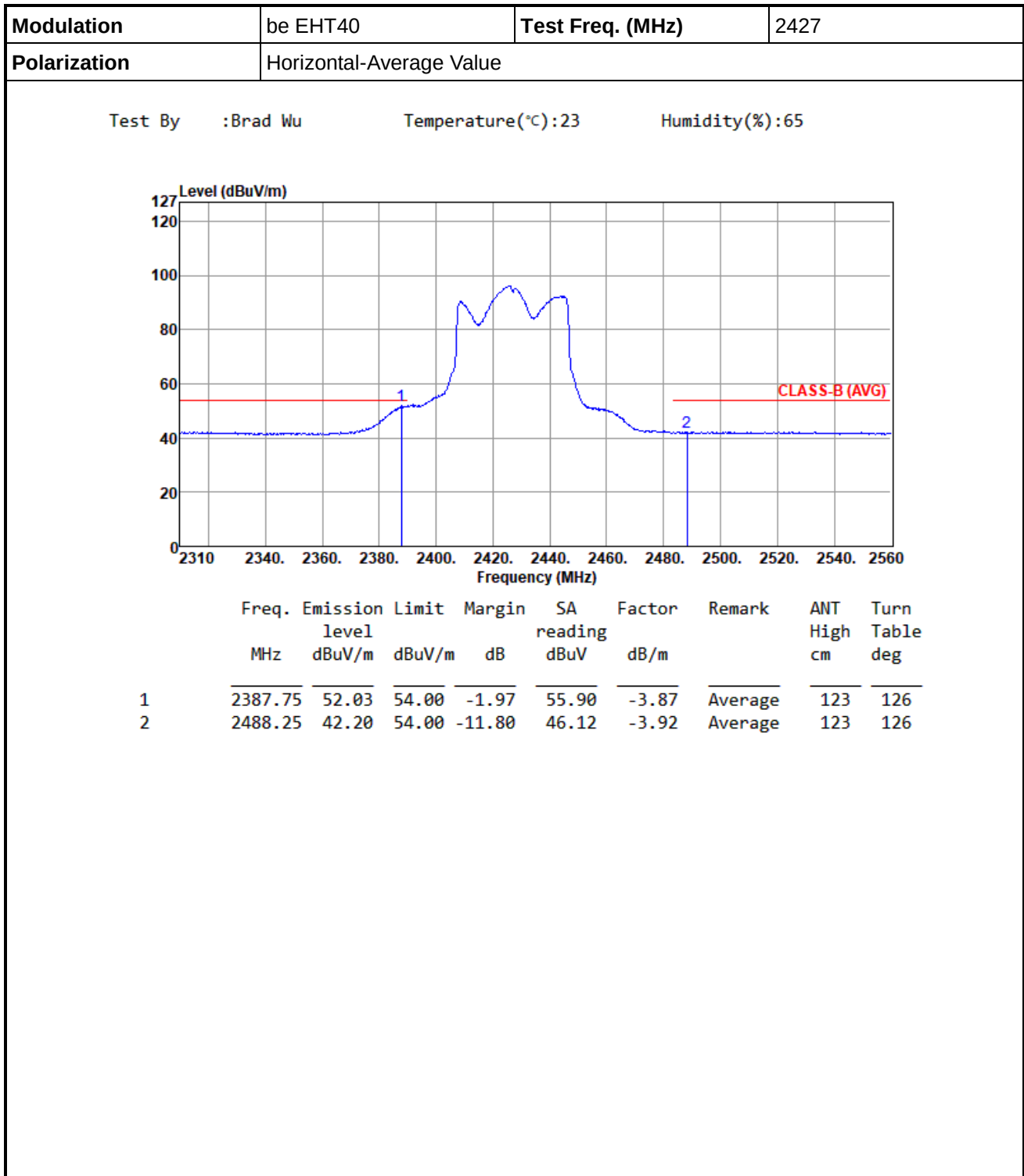


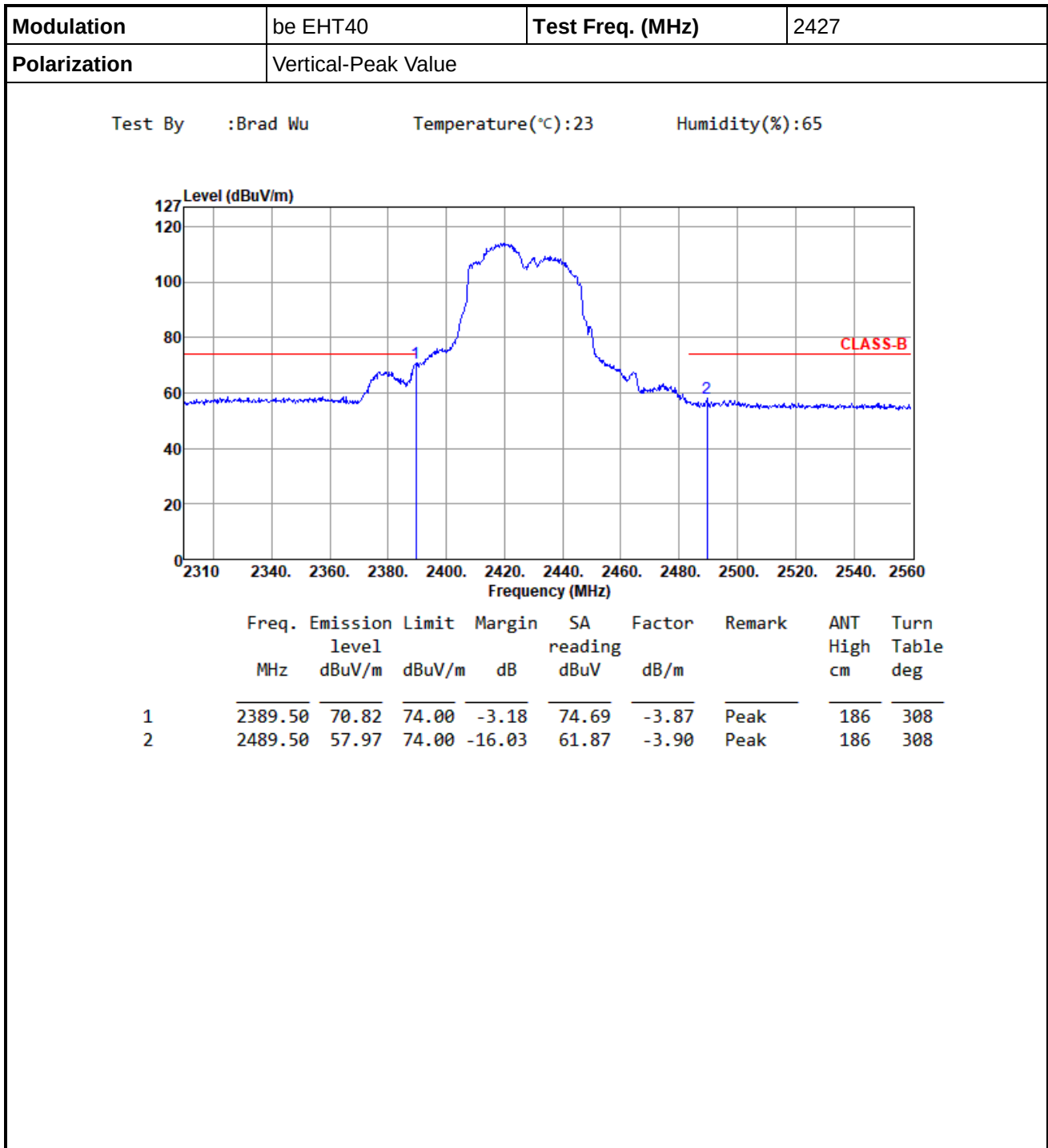


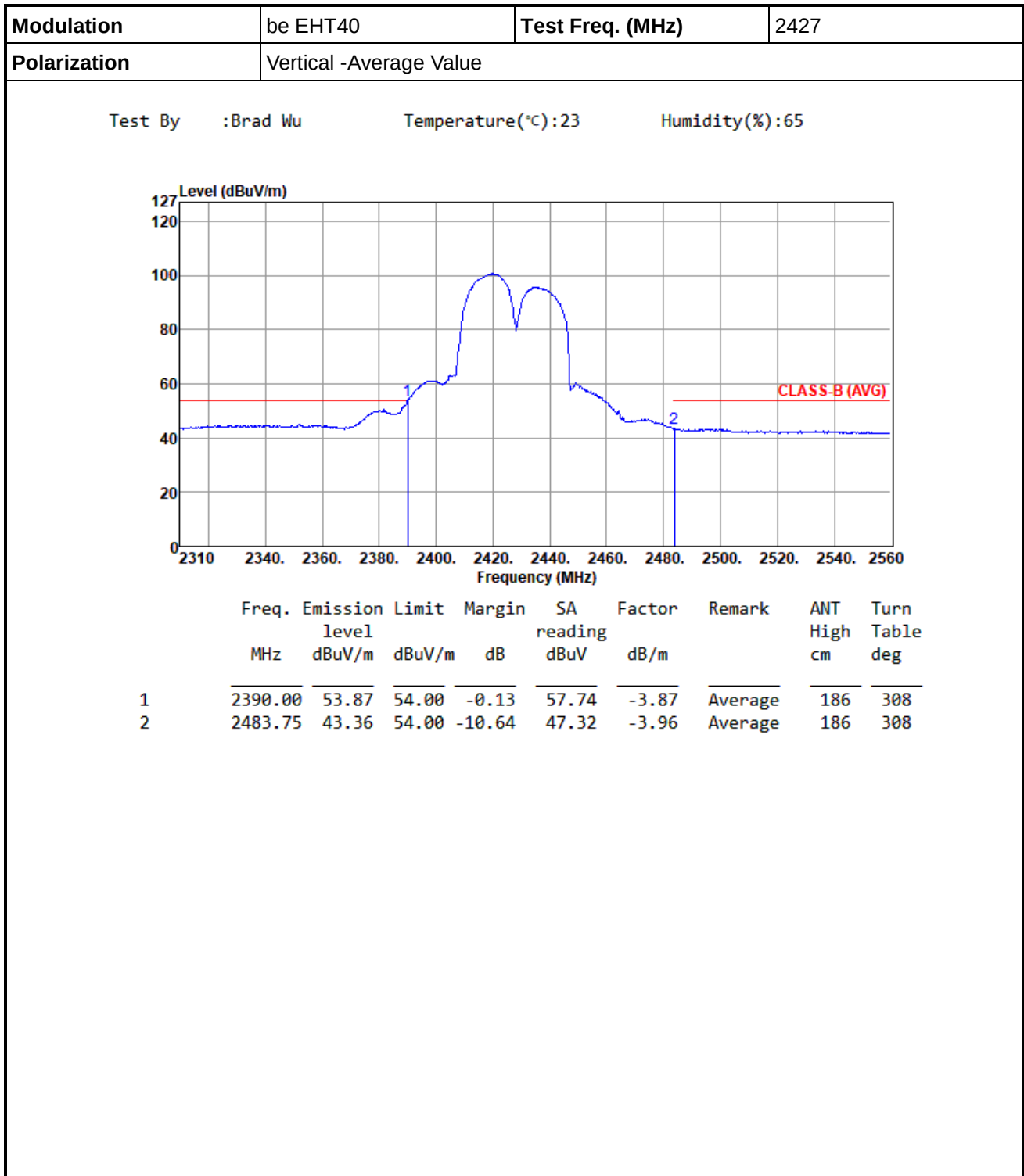


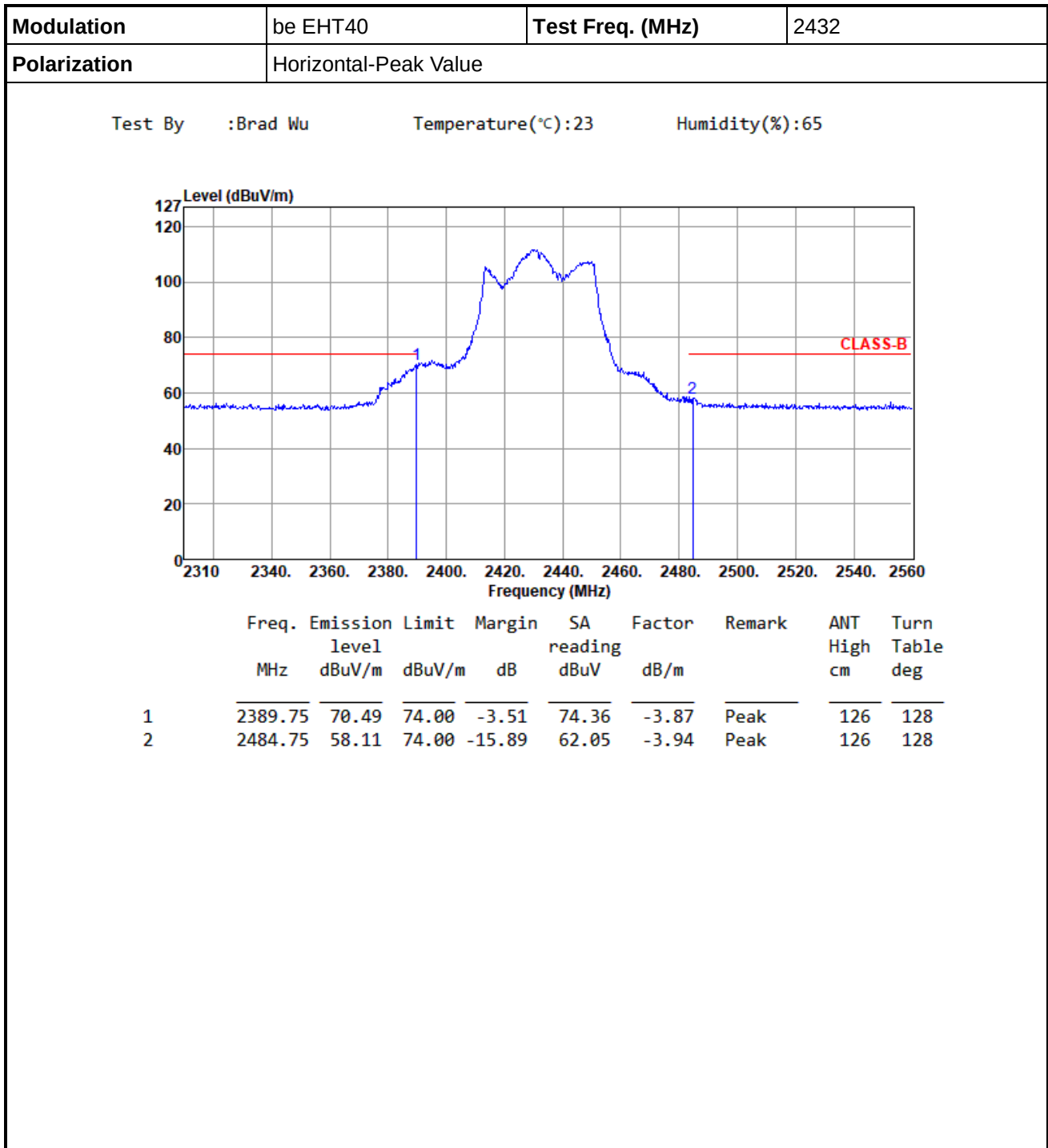


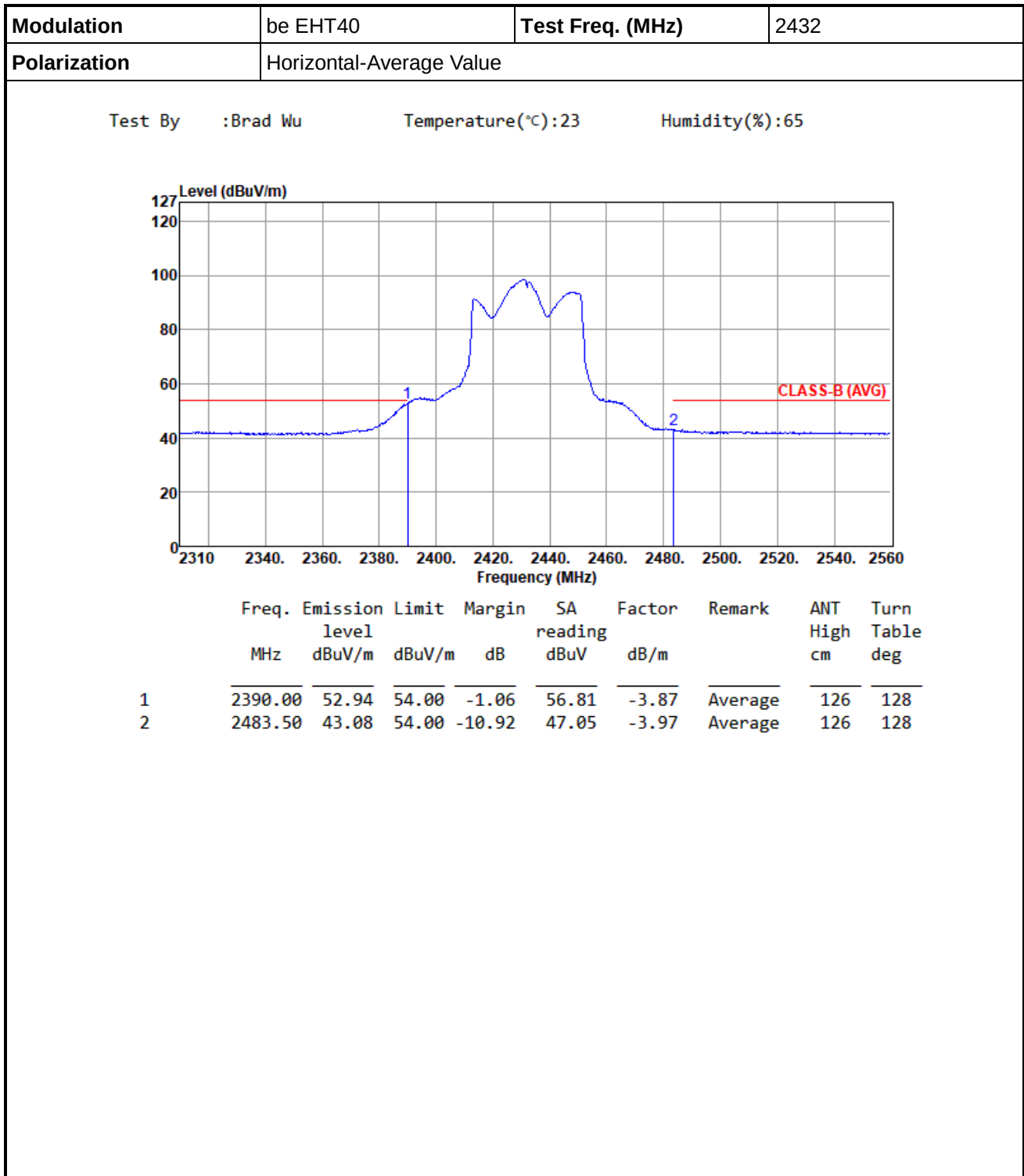


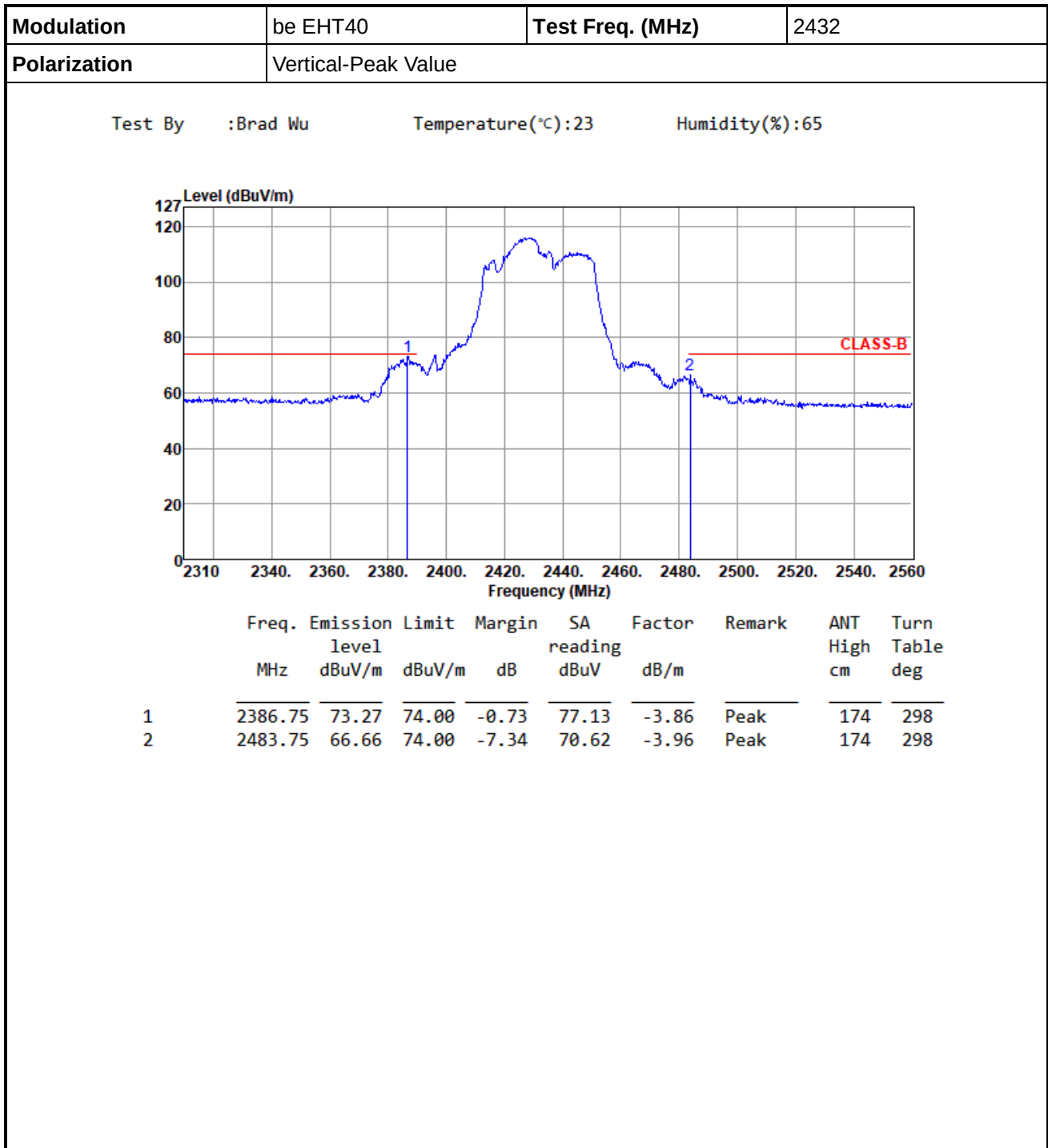


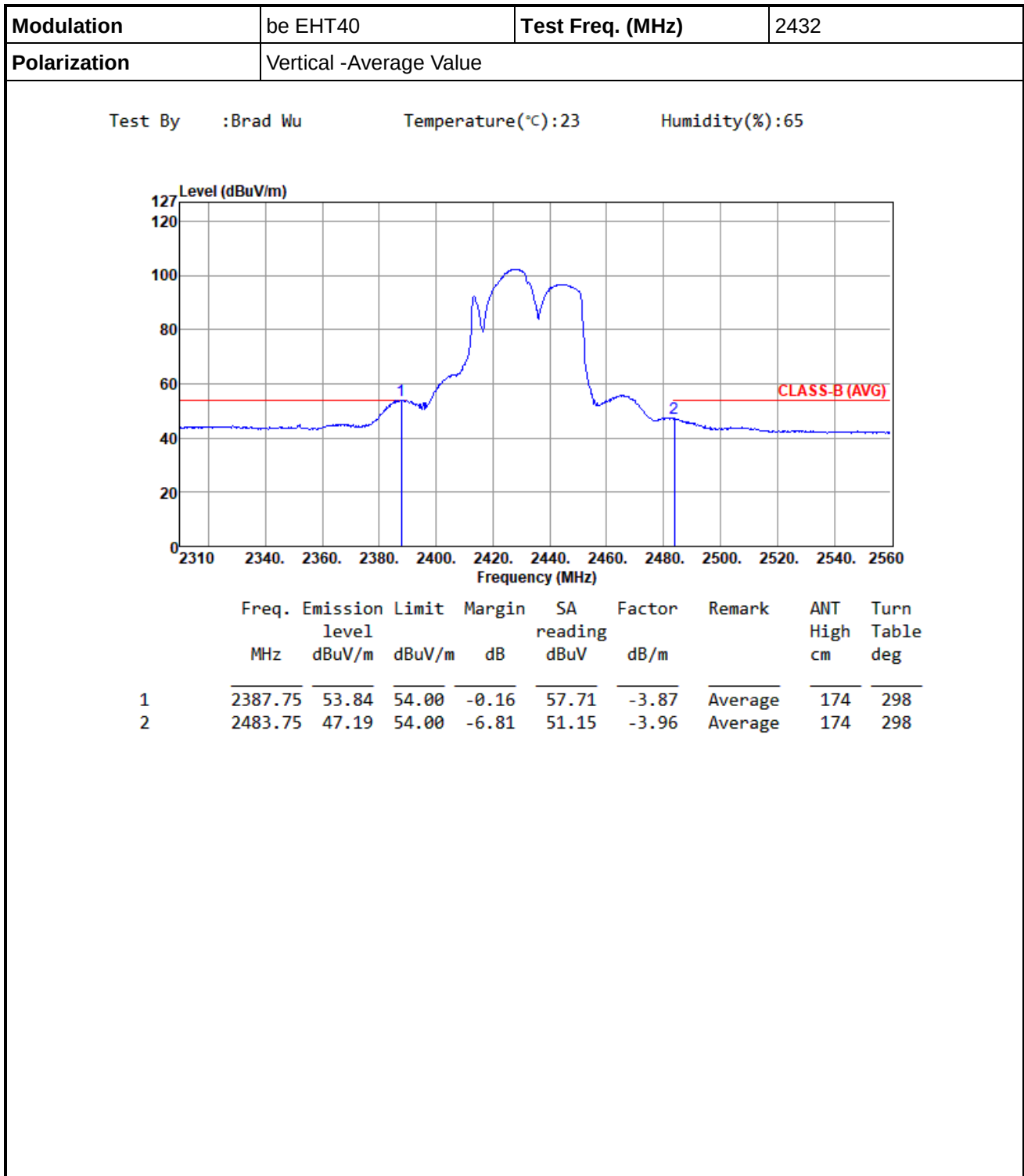


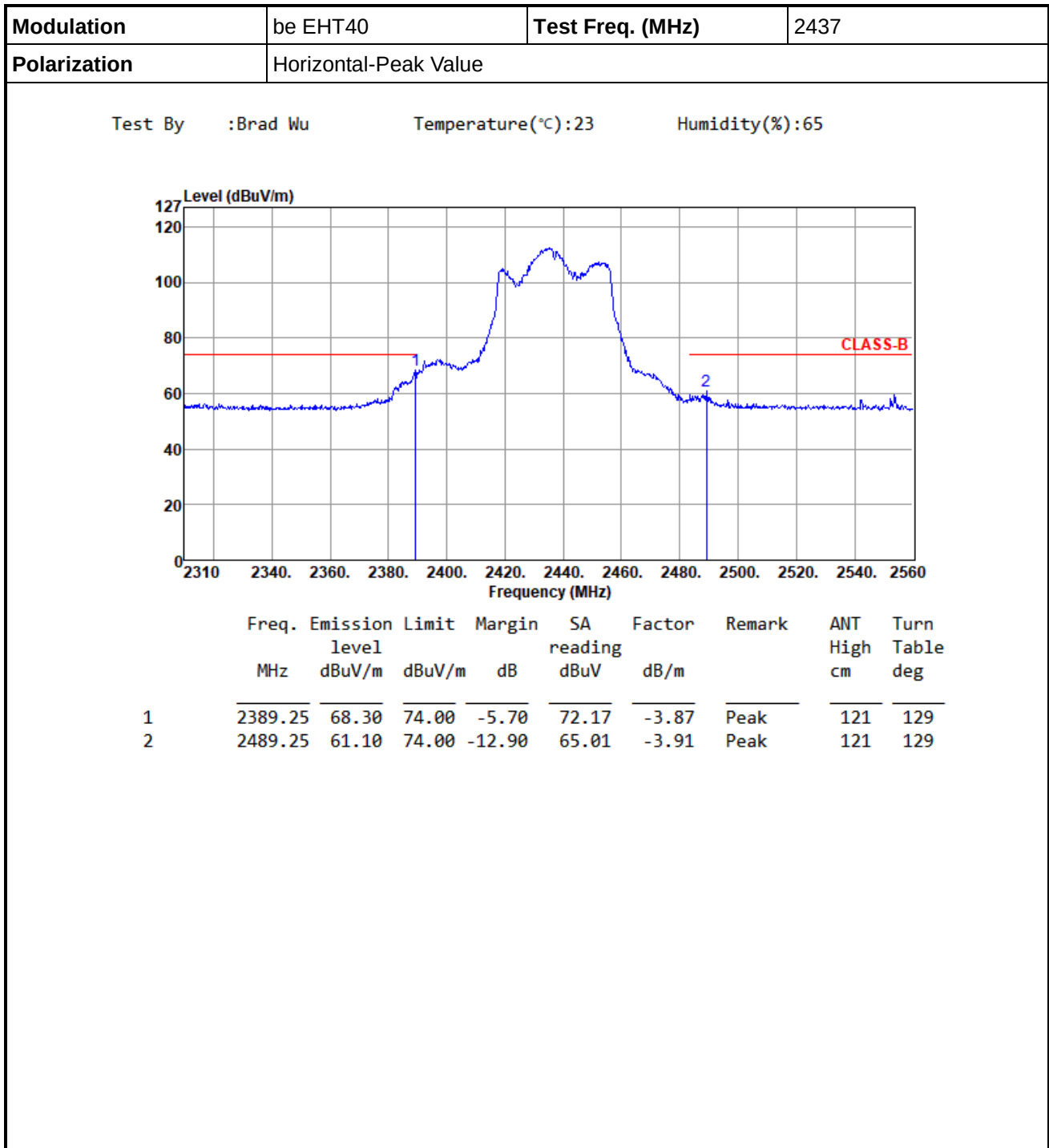


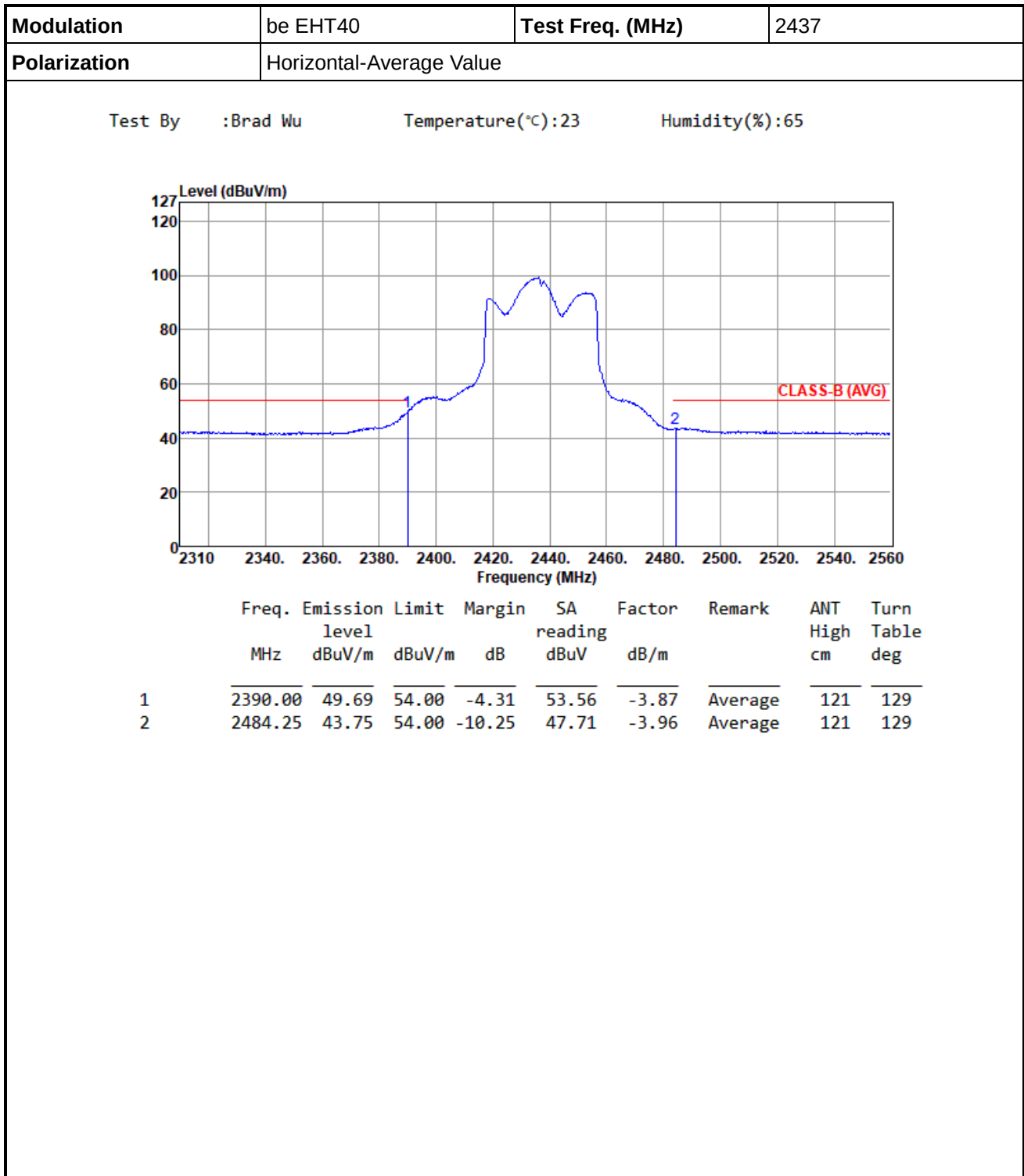


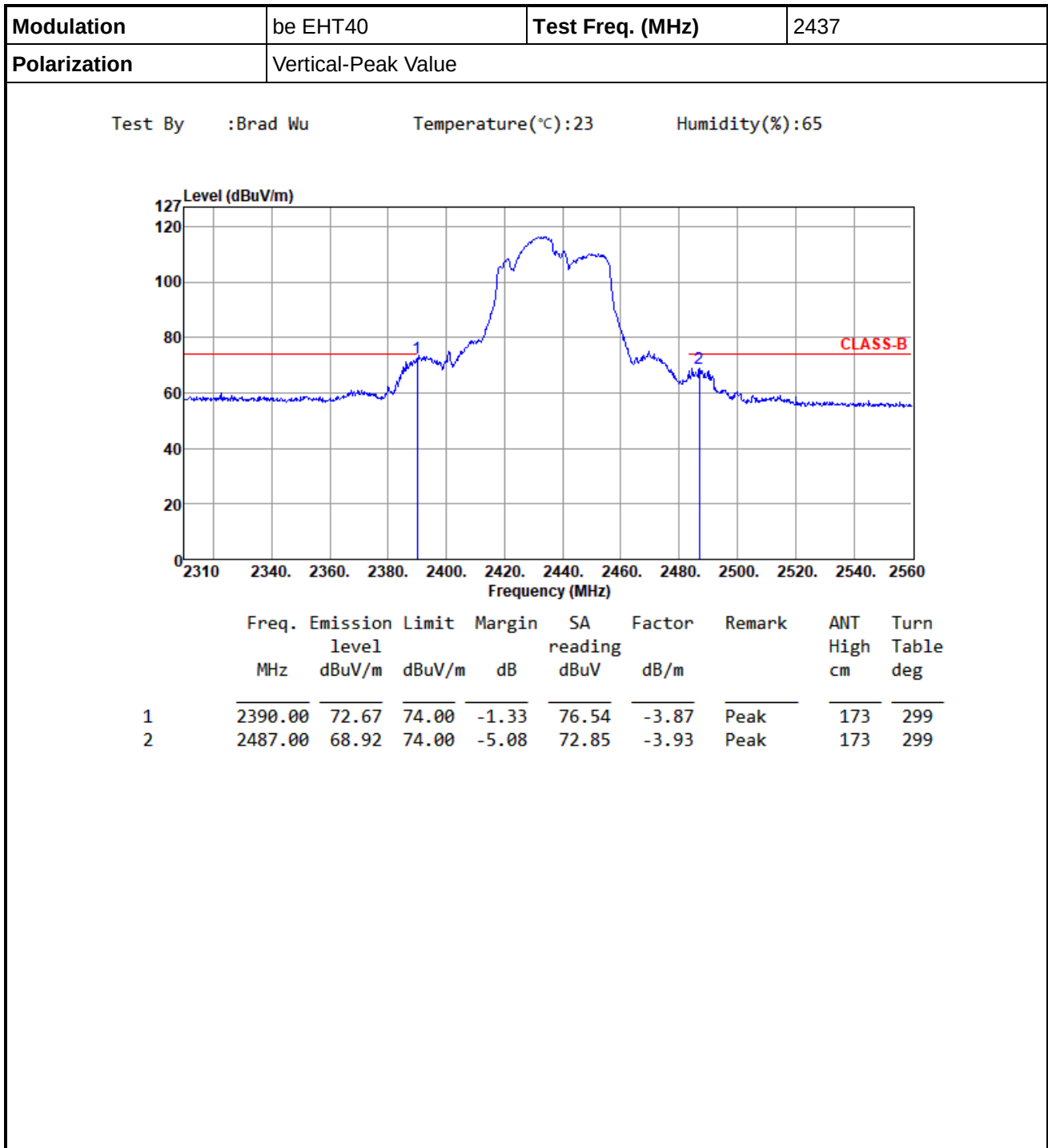


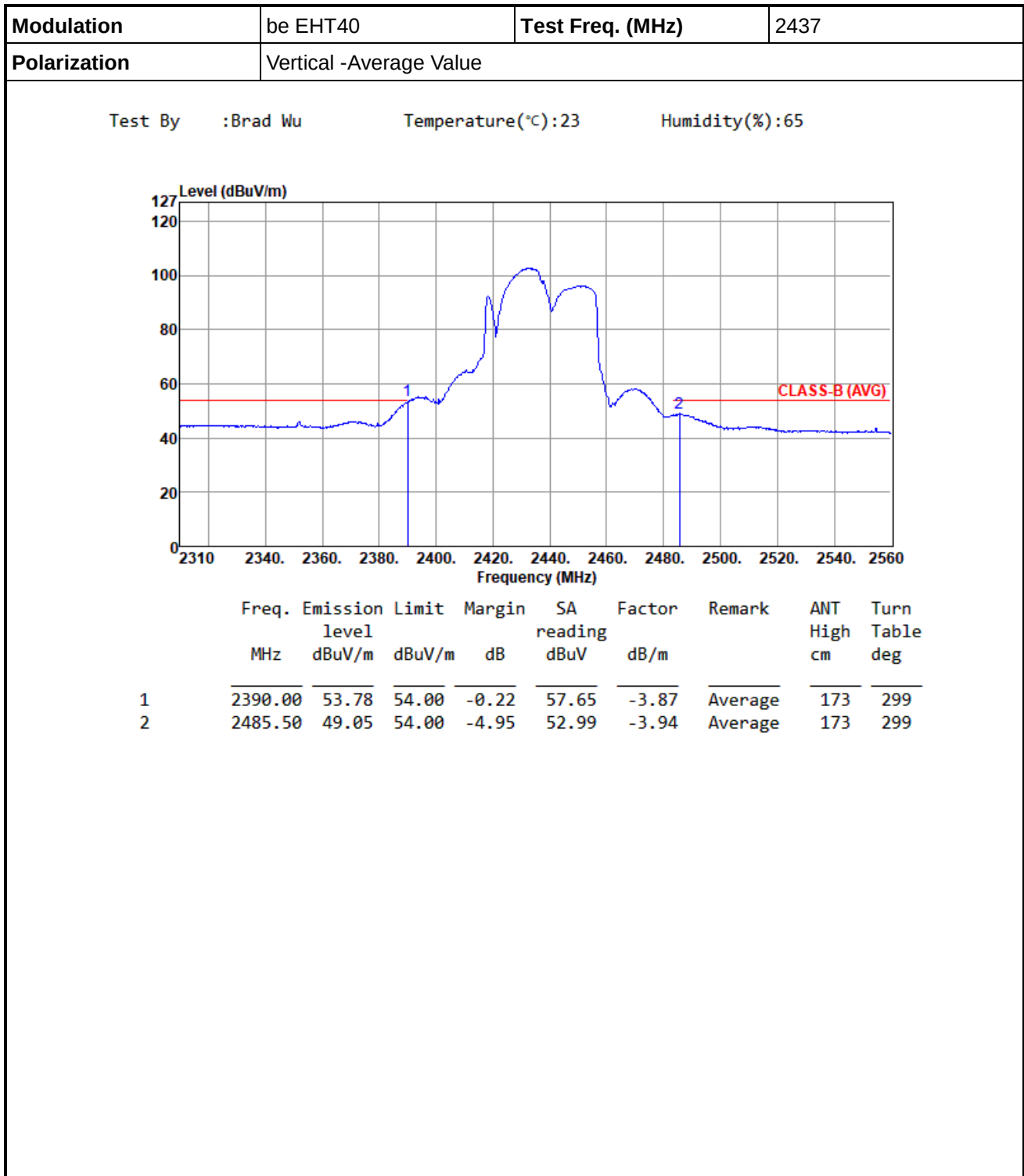


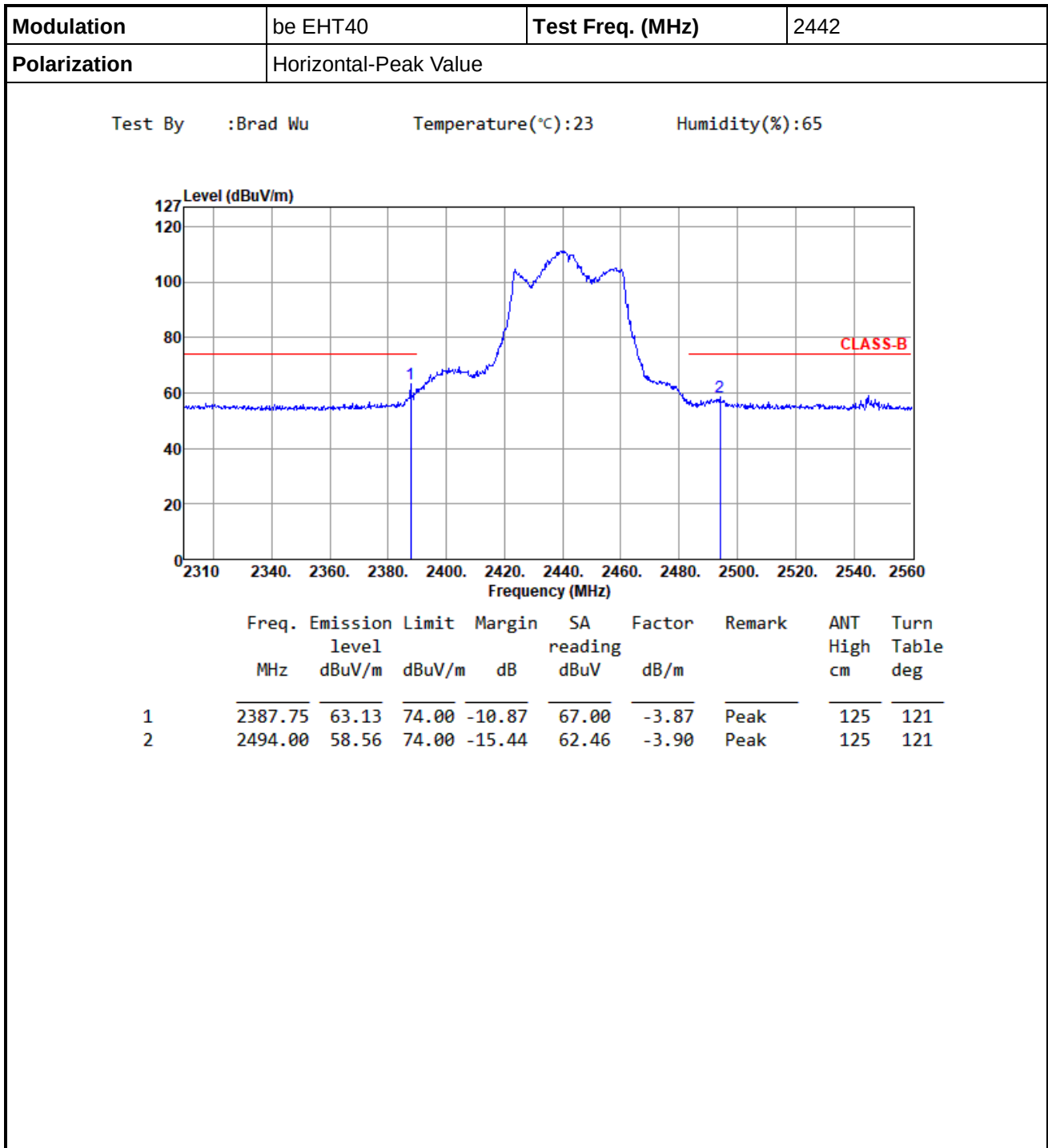


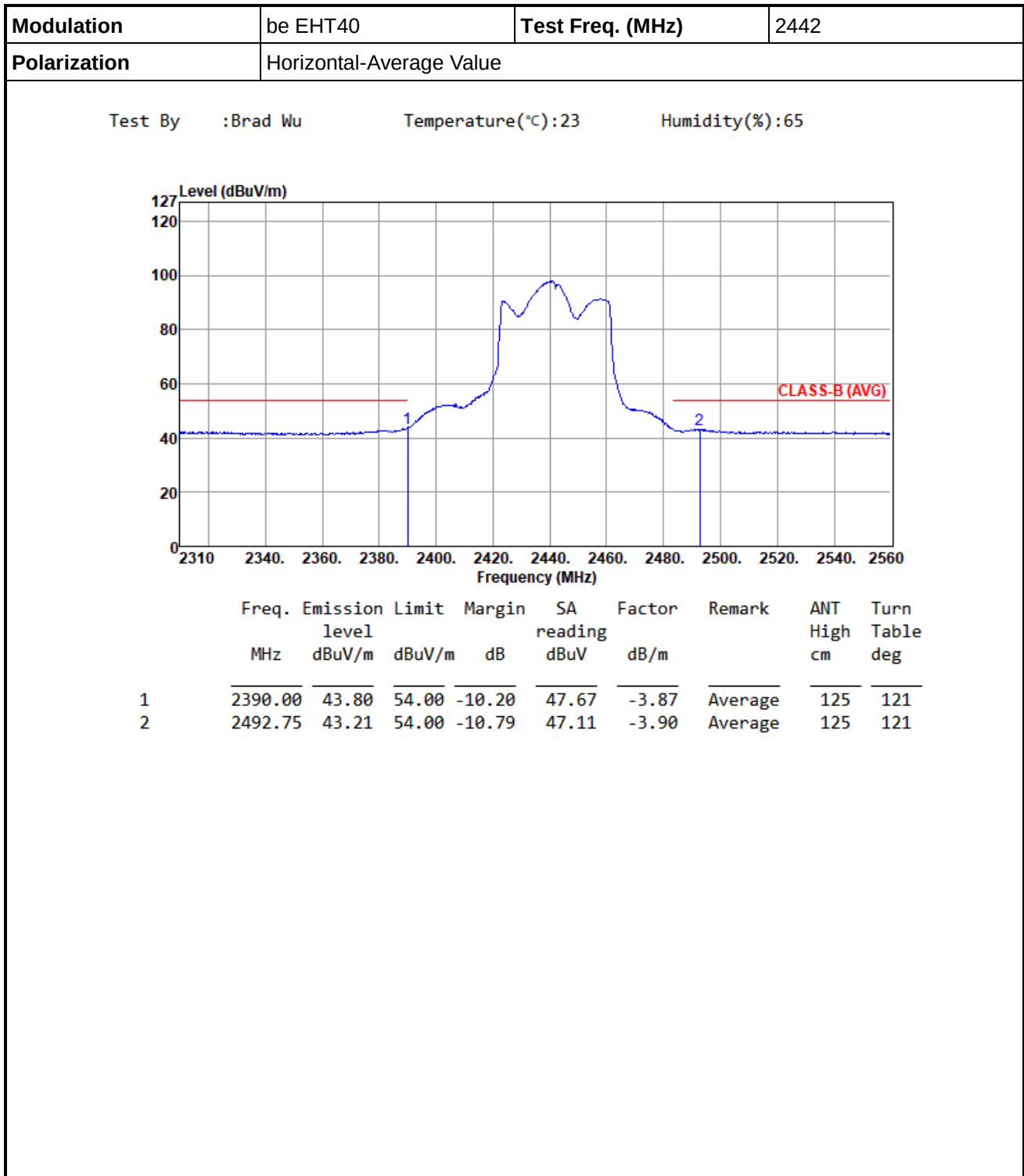


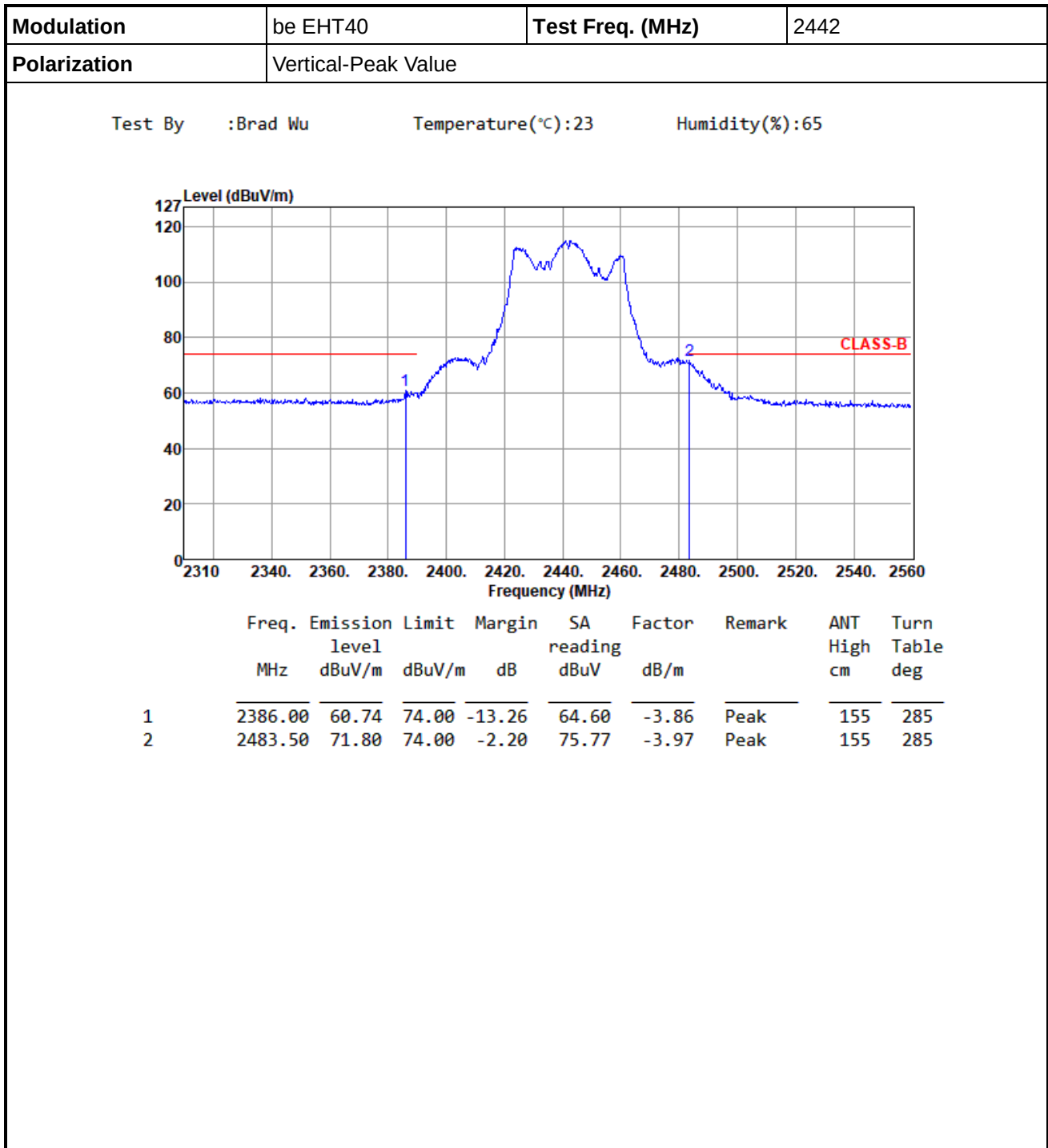


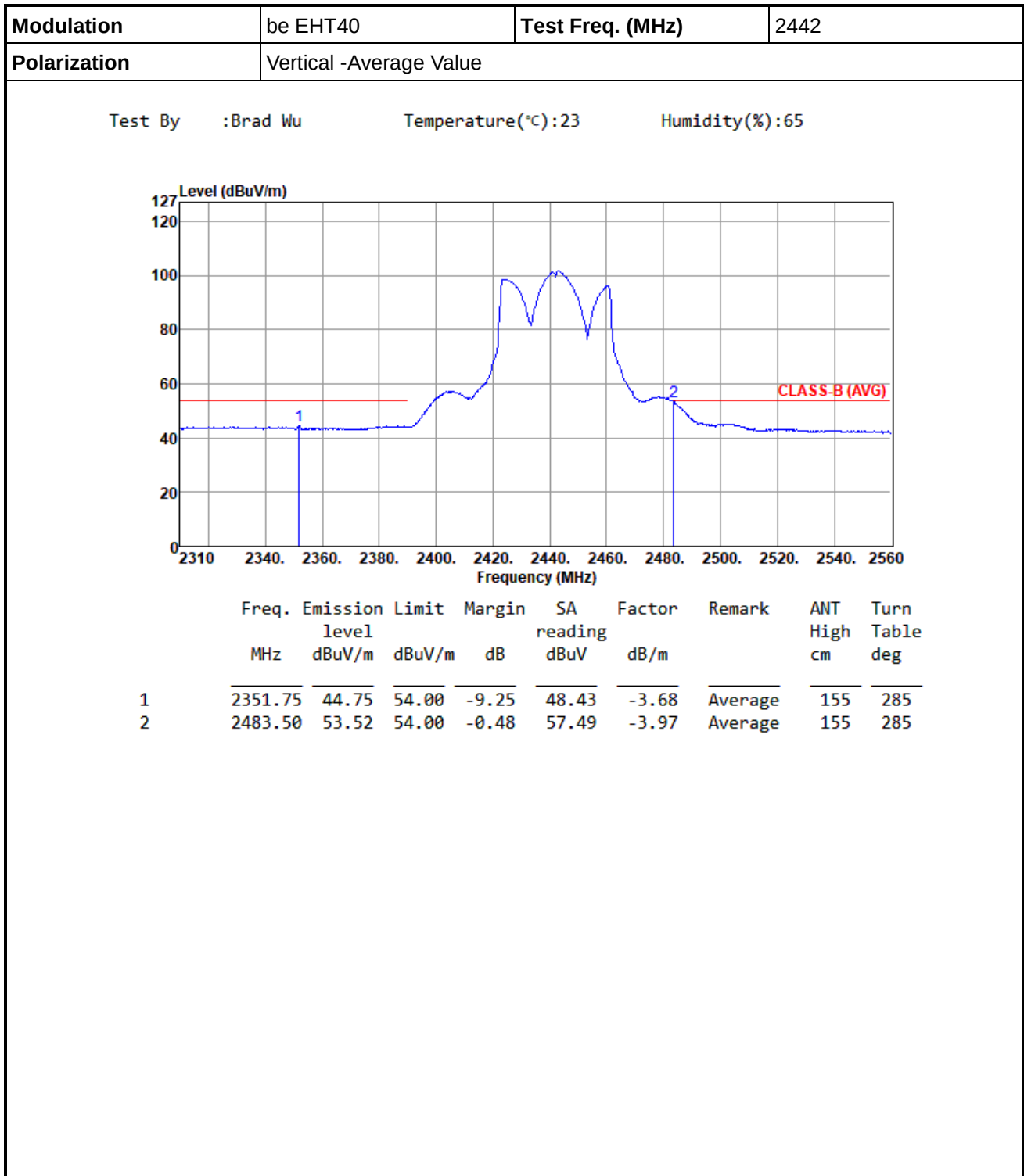


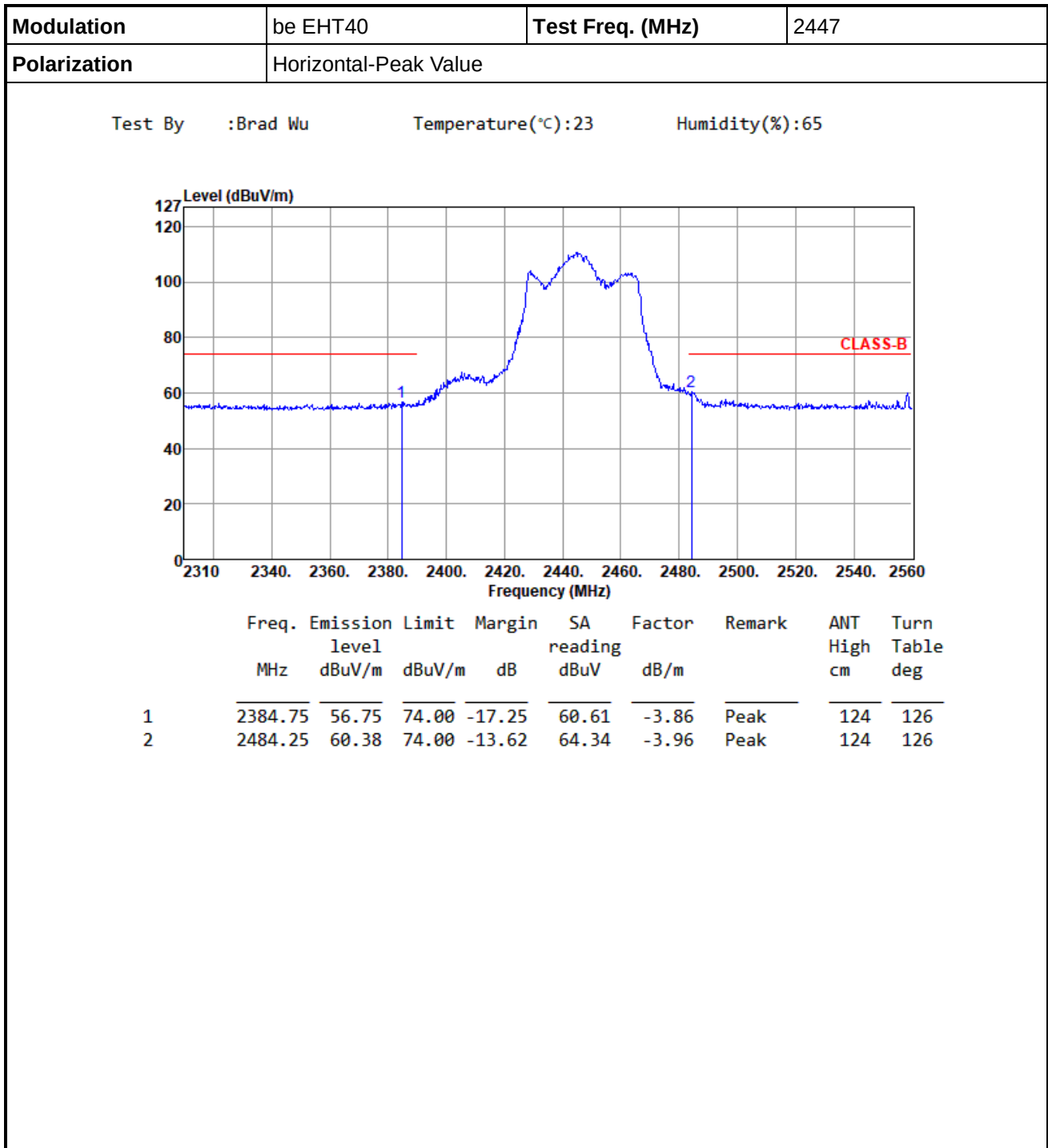


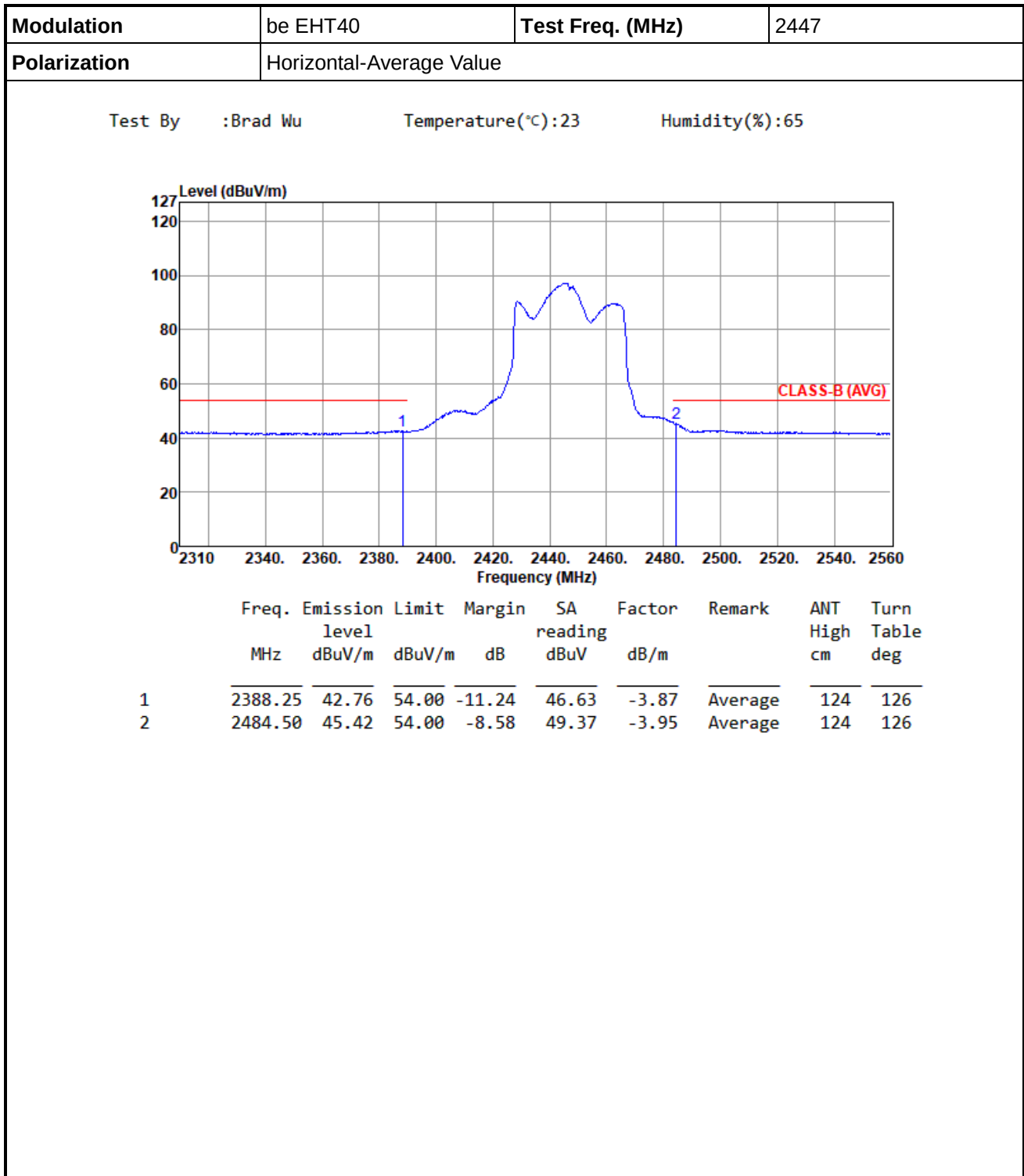


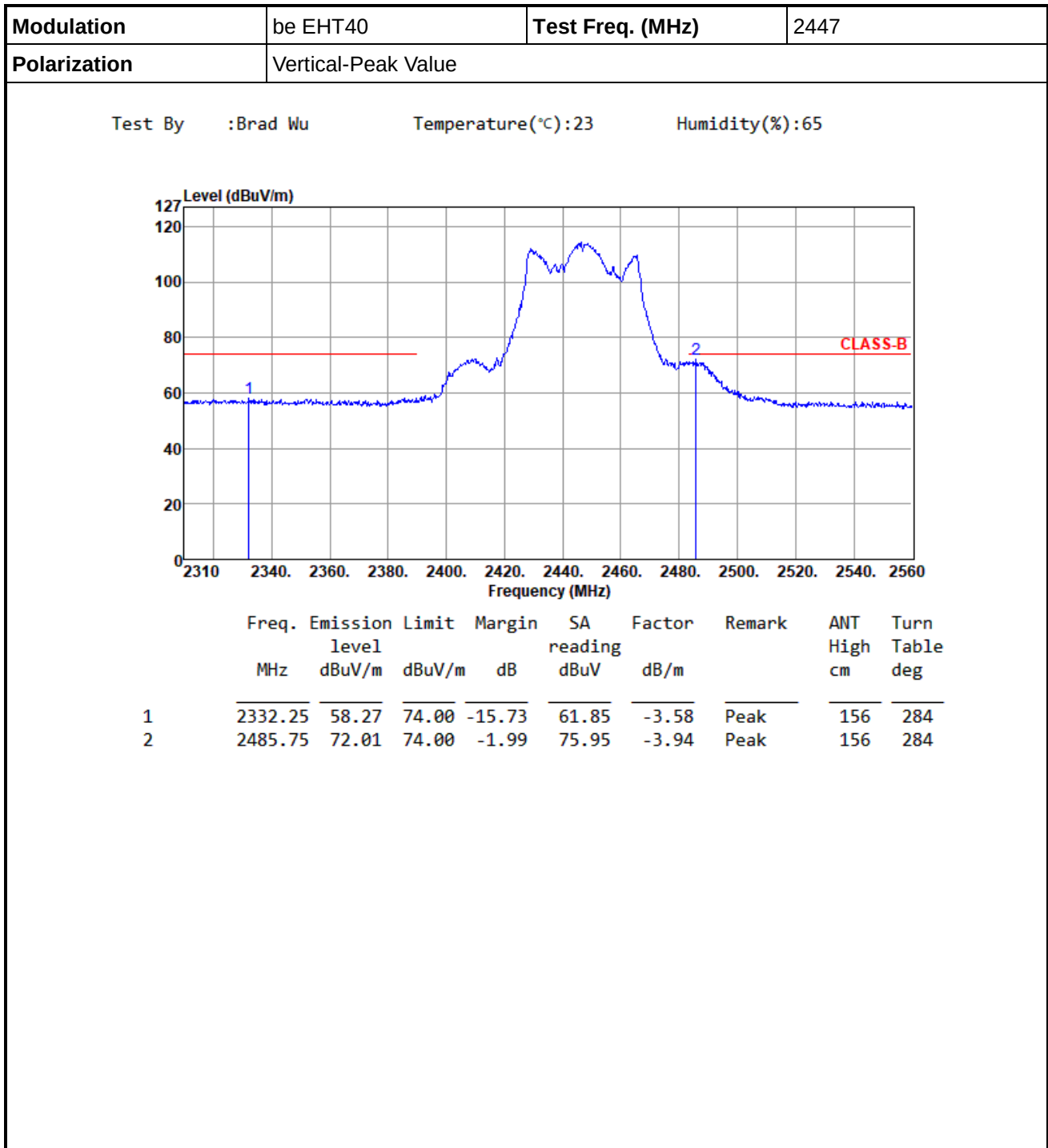


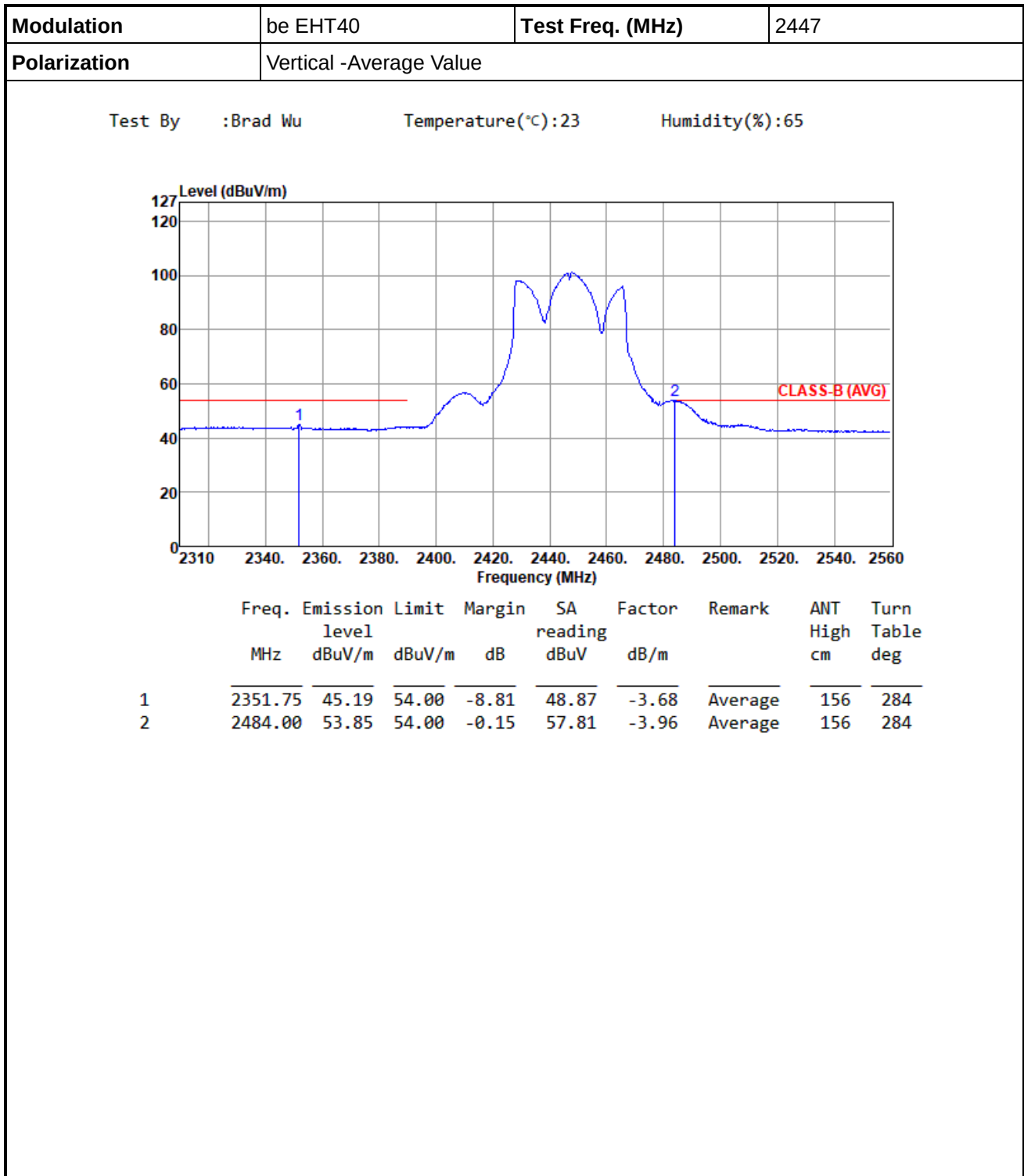


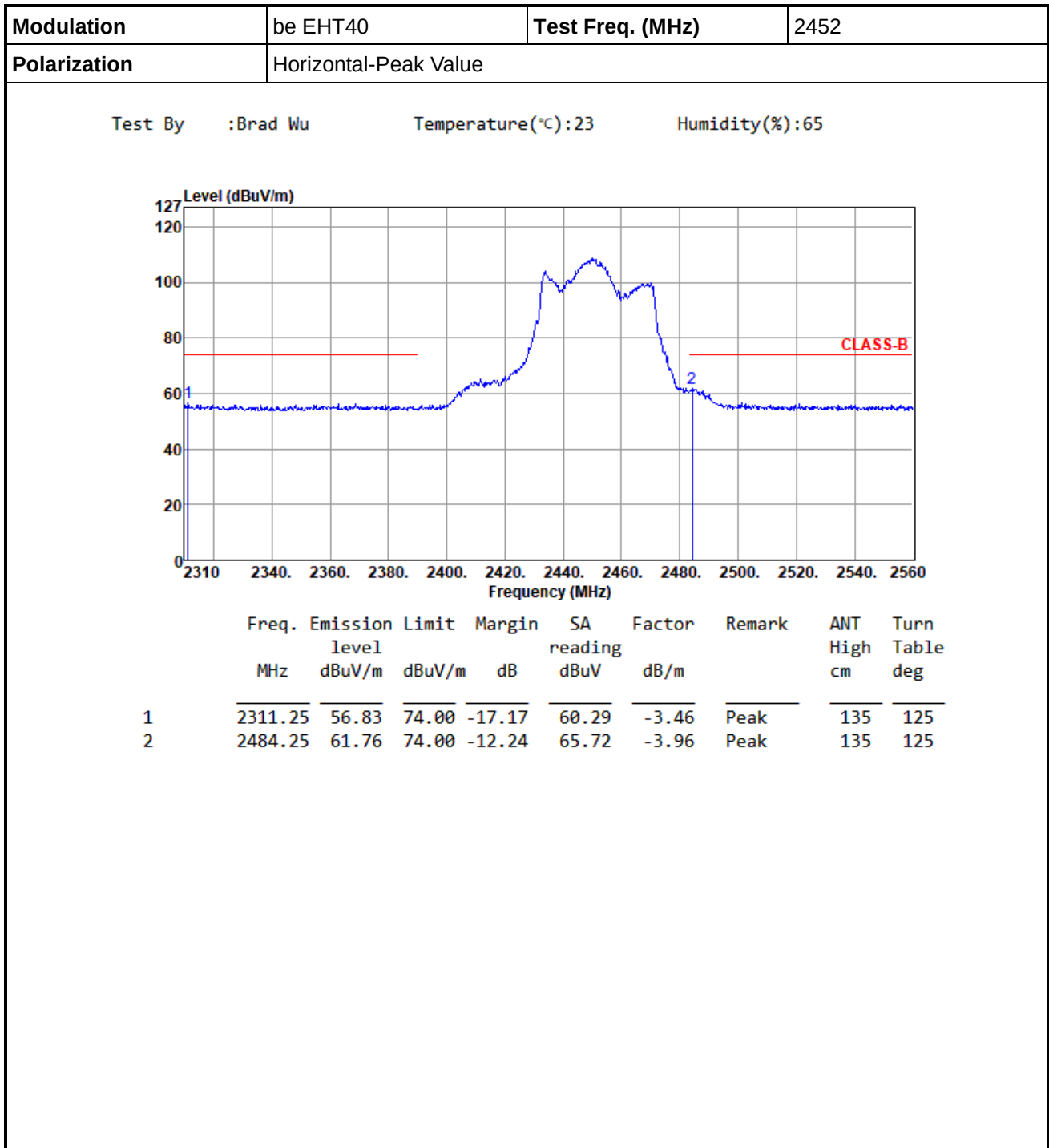


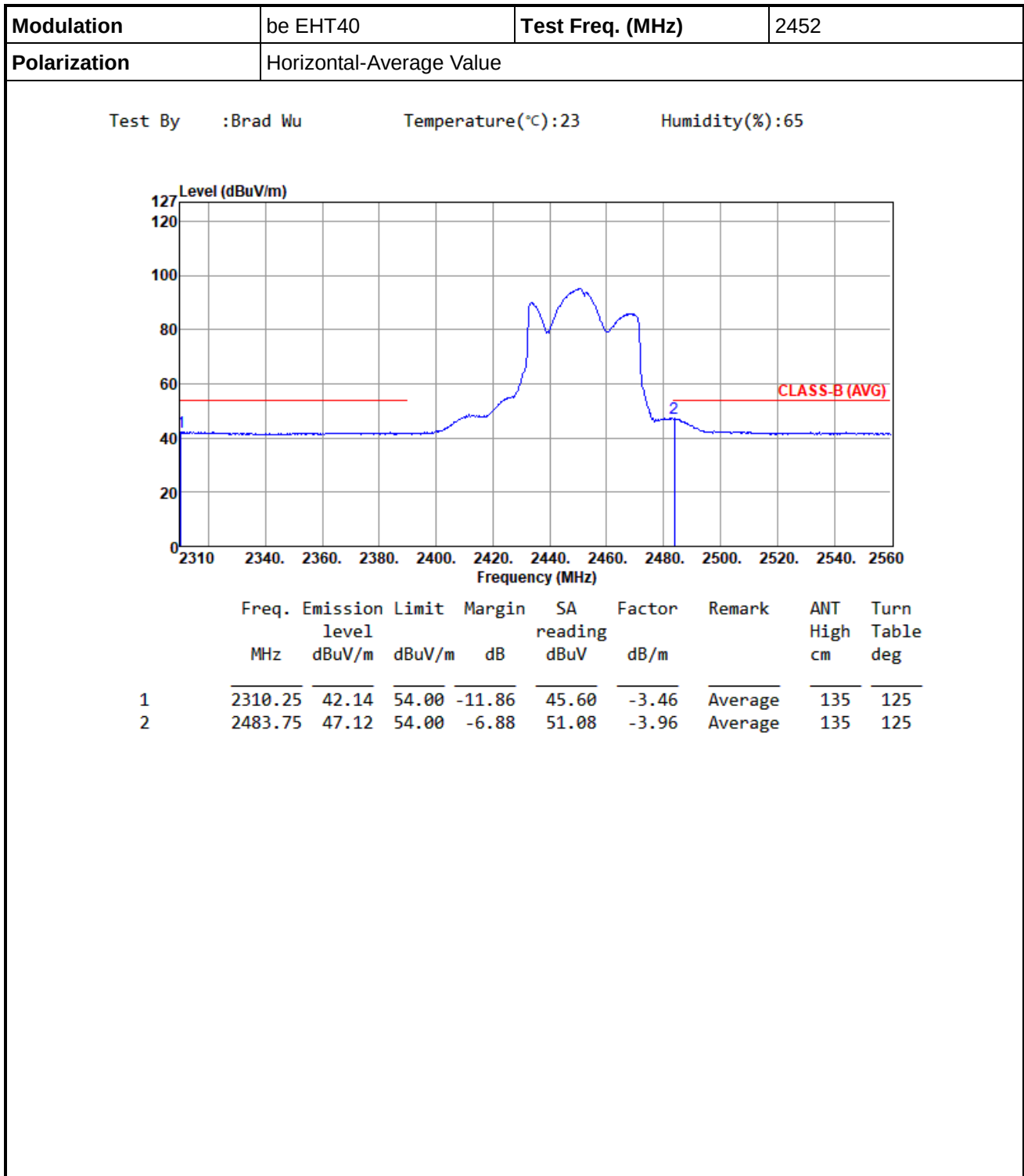


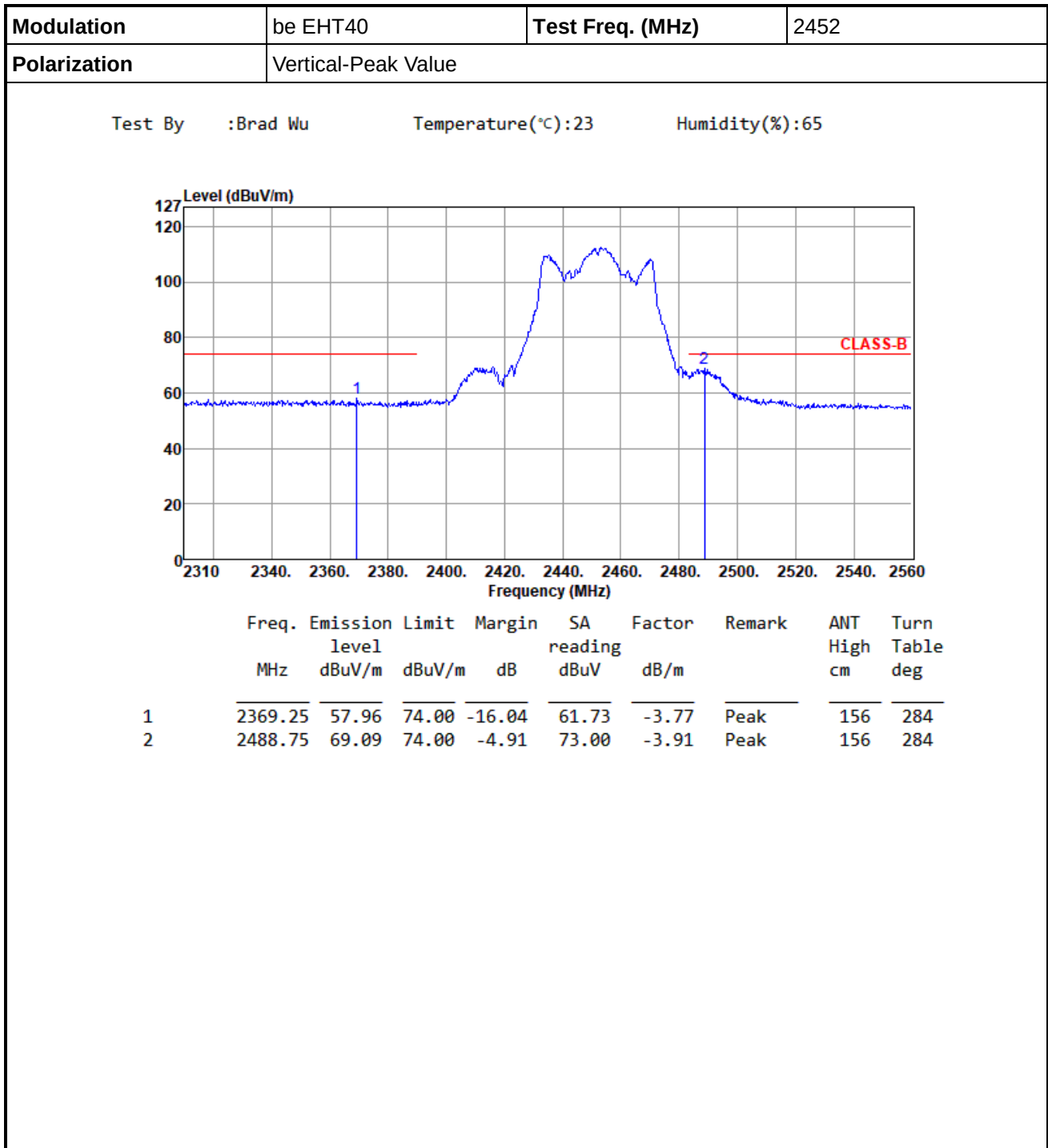


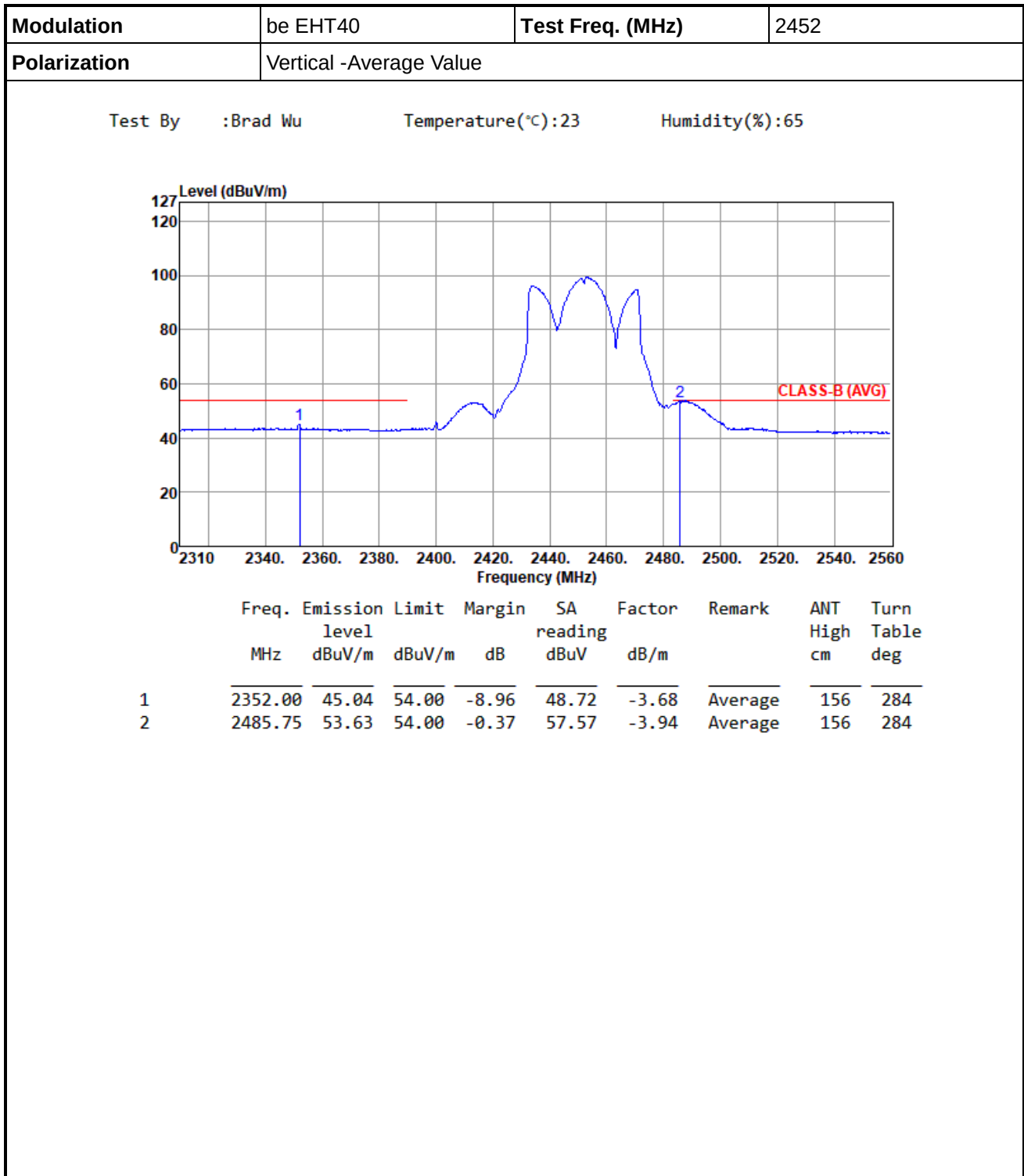










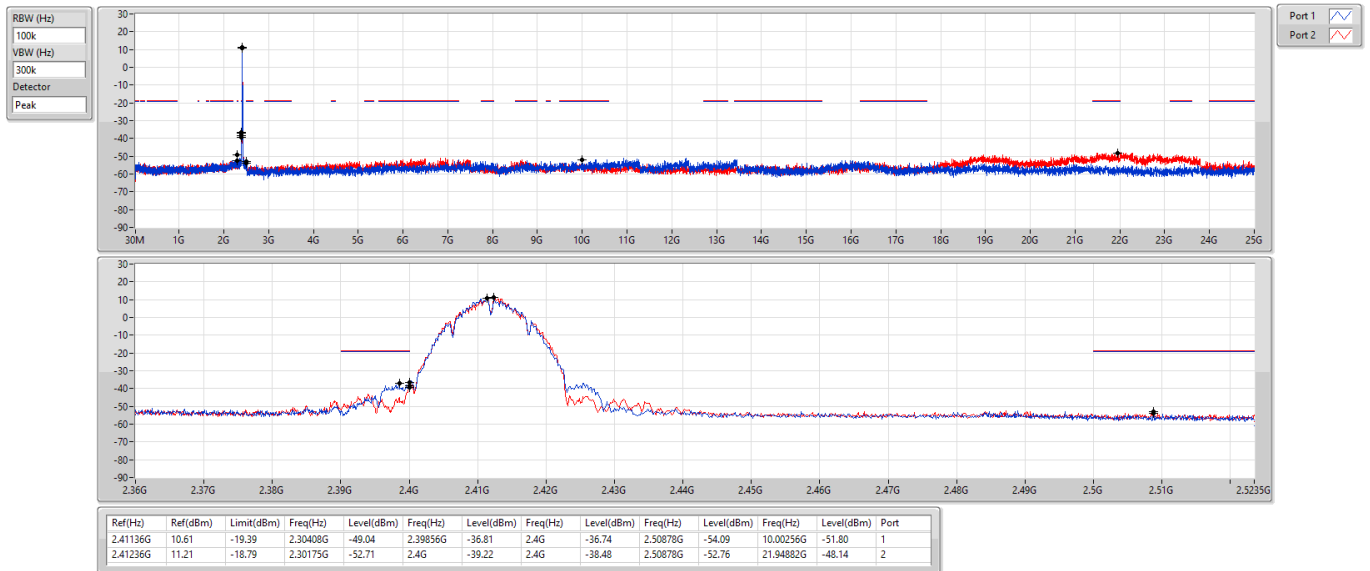




2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

CSEndB

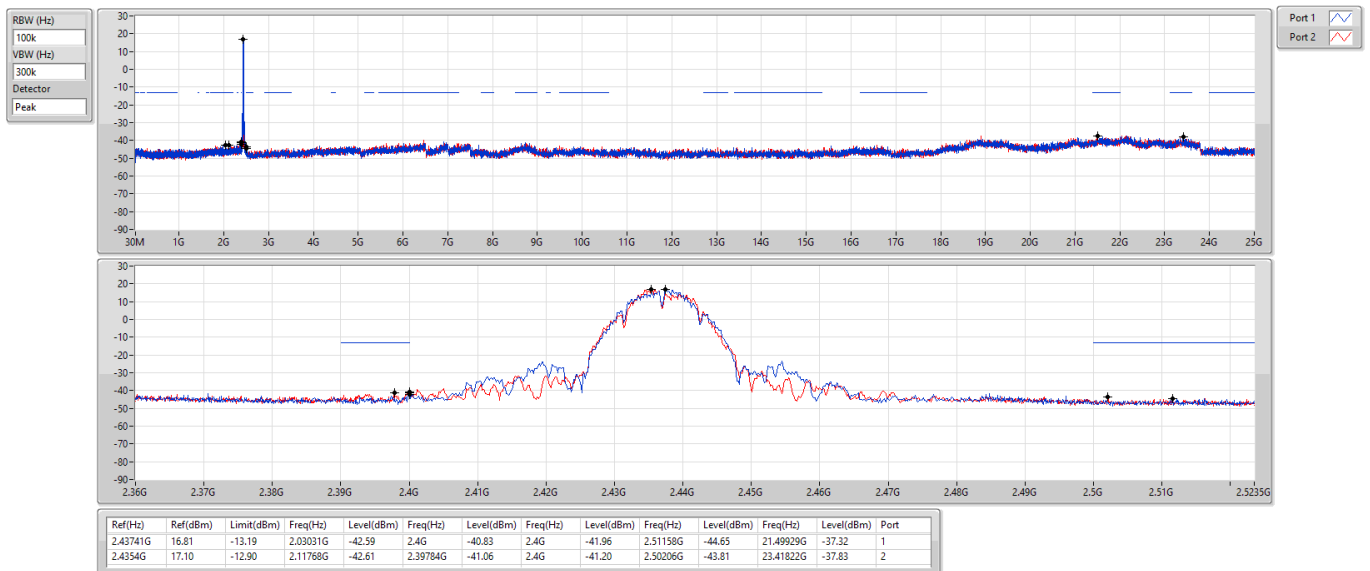
2412MHz



2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

CSEndB

2437MHz

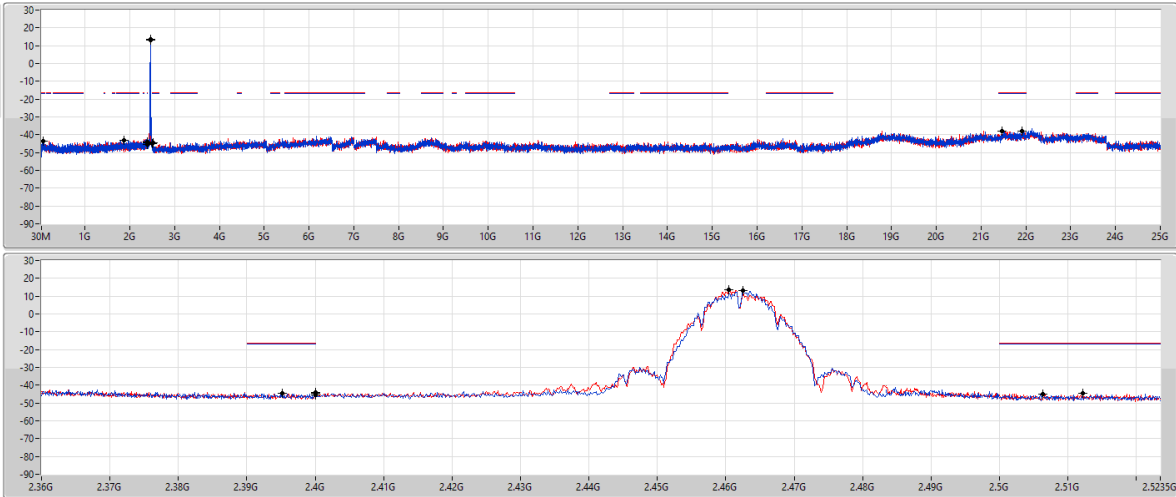


2.4-2.4835GHz_802.11b_Nss1,(1Mbps)_2TX

CSEndB

2462MHz

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak



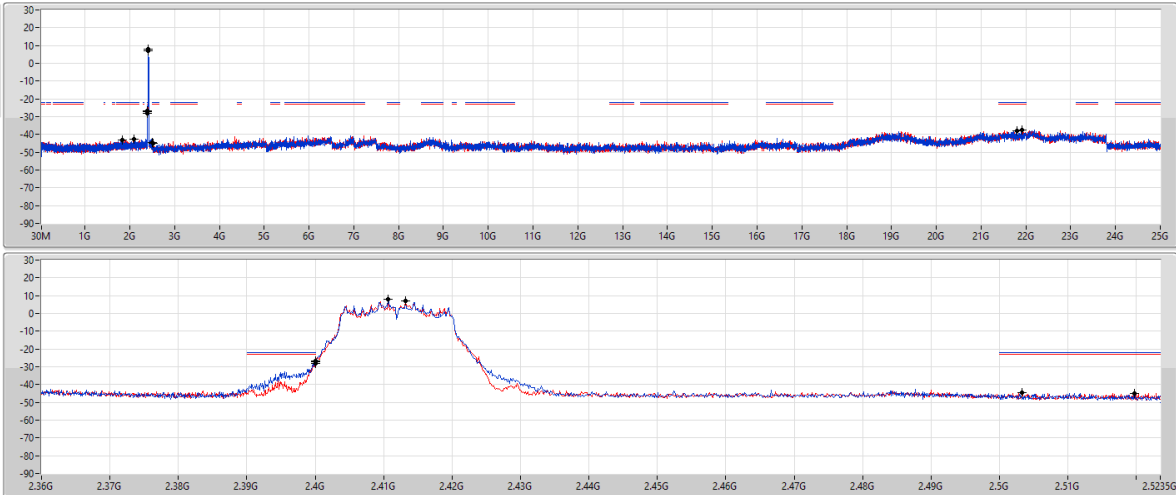
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.46246G	12.90	-17.10	69.61M	-43.37	2.4G	-44.02	2.4G	-44.56	2.50638G	-44.78	21.474G	-38.12	1
2.46045G	13.49	-16.51	1.87536G	-43.12	2.3952G	-44.71	2.4G	-45.70	2.51222G	-44.71	21.9151G	-37.74	2

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

CSEndB

2412MHz

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak



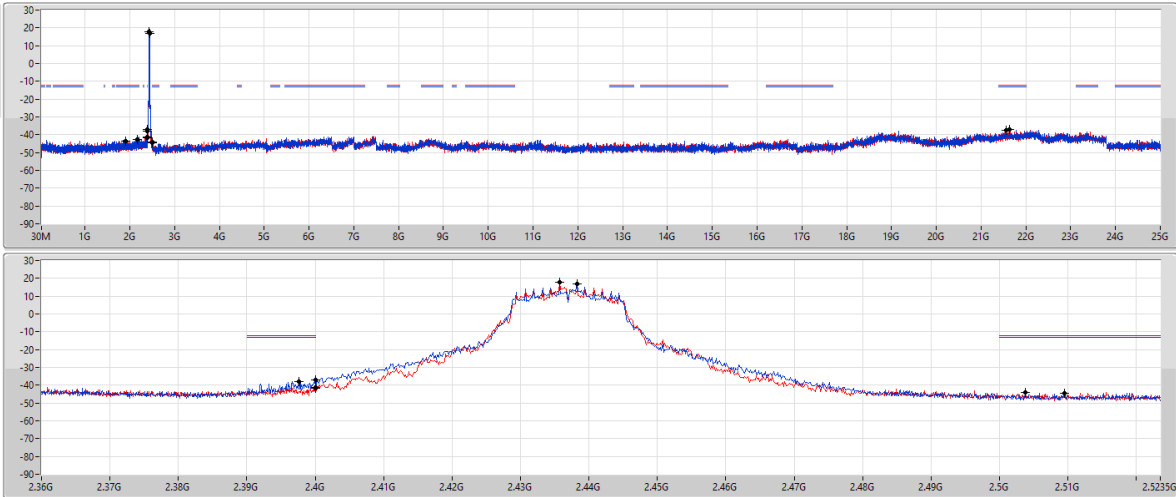
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41069G	7.74	-22.26	2.08739G	-42.67	2.4G	-27.11	2.4G	-26.68	2.51974G	-45.07	21.80272G	-38.00	1
2.41319G	7.05	-22.95	1.82527G	-43.33	2.4G	-28.08	2.4G	-26.91	2.50334G	-44.70	21.92072G	-37.71	2

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

CSEndB

2437MHz

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak



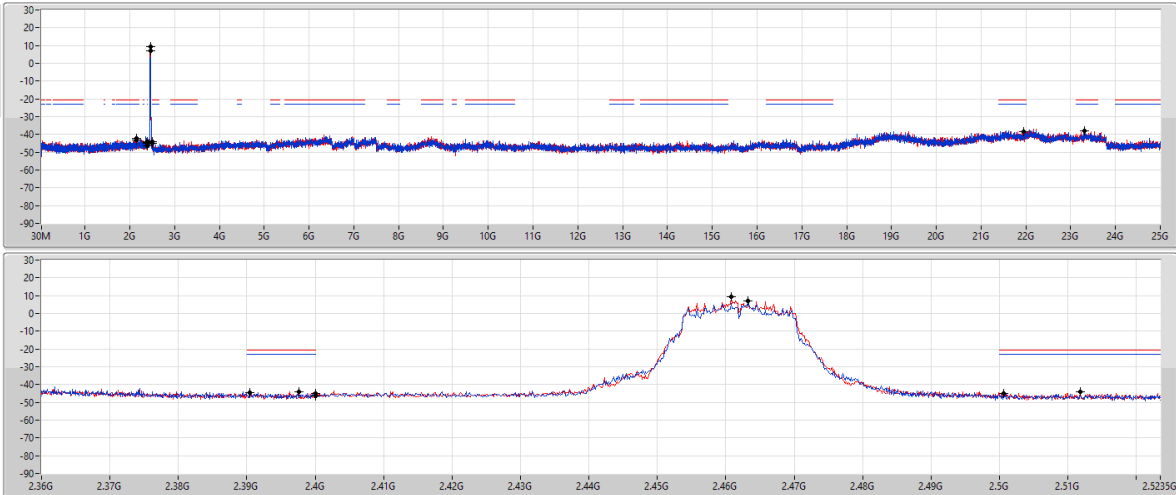
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43824G	16.93	-13.07	2.16079G	-42.78	2.3976G	-37.97	2.4G	-37.14	2.5095G	-44.50	2.163695G	-37.24	1
2.43574G	17.63	-12.37	1.90332G	-43.36	2.4G	-41.71	2.4G	-41.22	2.50382G	-44.17	2.156391G	-37.70	2

2.4-2.4835GHz_802.11g_Nss1,(6Mbps)_2TX

CSEndB

2462MHz

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak



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
2.46329G	7.18	-22.82	2.15496G	-43.28	2.3904G	-44.32	2.4G	-44.82	2.50062G	-44.82	2.330021G	-37.89	1
2.46079G	9.34	-20.66	2.14215G	-42.04	2.3976G	-44.23	2.4G	-46.27	2.51182G	-44.27	2.19432G	-38.25	2

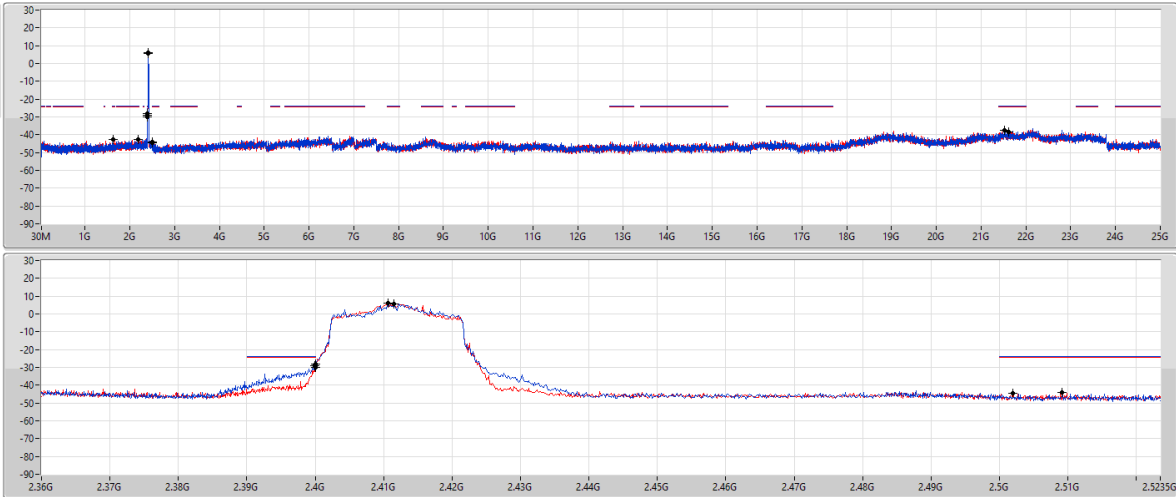


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

CSEndB

2412MHz

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak



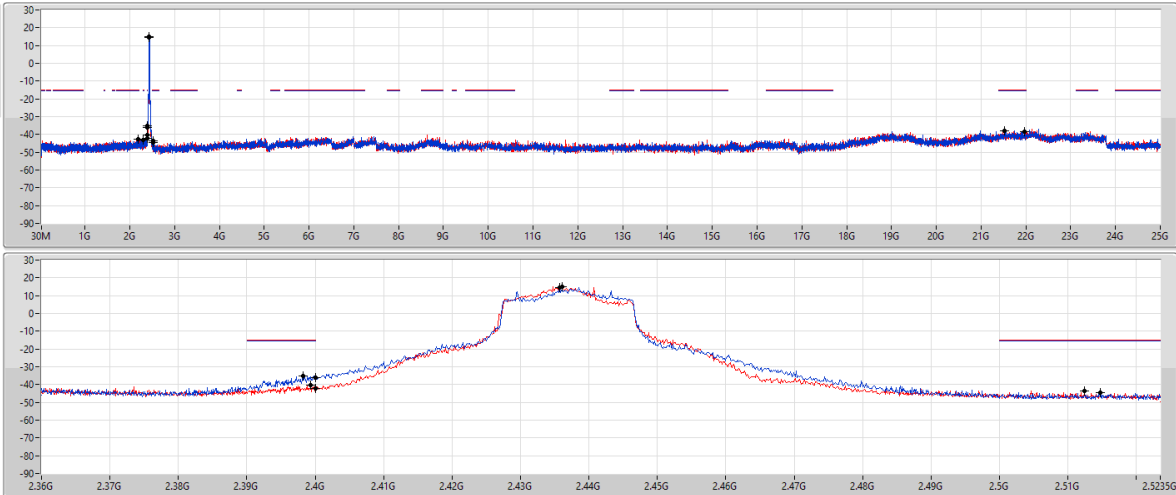
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.41069G	6.16	-23.84	2.18292G	-42.88	2.39992G	-28.87	2.4G	-28.16	2.50918G	-44.10	2.152176G	-37.38	1
2.41152G	5.82	-24.18	1.63537G	-42.49	2.4G	-30.13	2.4G	-30.22	2.5019G	-44.46	2.162291G	-38.24	2

2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

CSEndB

2437MHz

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak



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	14.66	-15.34	2.30408G	-43.01	2.39824G	-34.94	2.4G	-36.21	2.51478G	-44.61	2.152457G	-38.10	1
2.43607G	15.08	-14.92	2.18292G	-42.78	2.39936G	-40.21	2.4G	-42.40	2.51246G	-43.41	2.197129G	-38.43	2

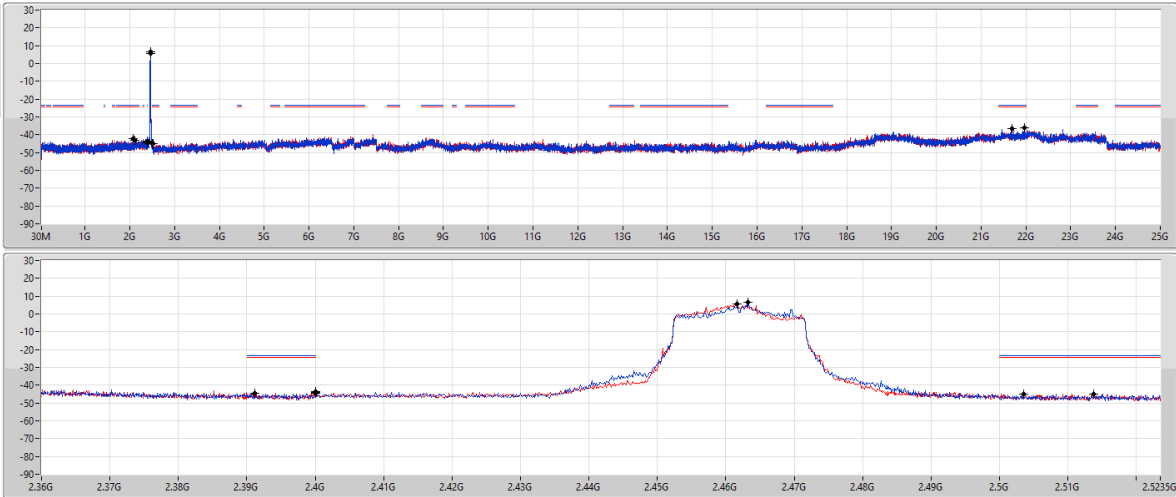


2.4-2.4835GHz_802.11be EHT20_Nss1,(MCS0)_2TX

CSEndB

2462MHz

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak

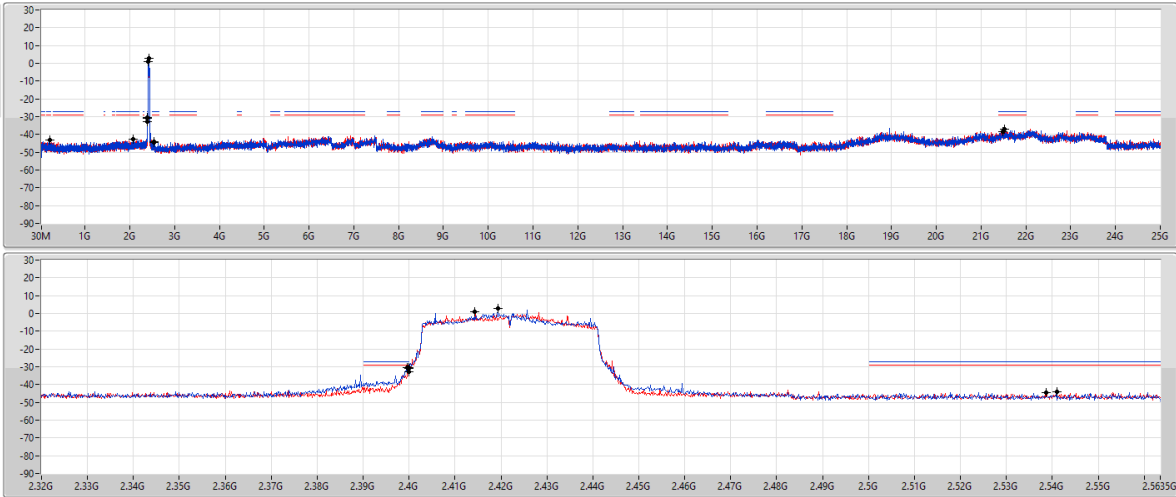


2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

CSEndB

2422MHz

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak



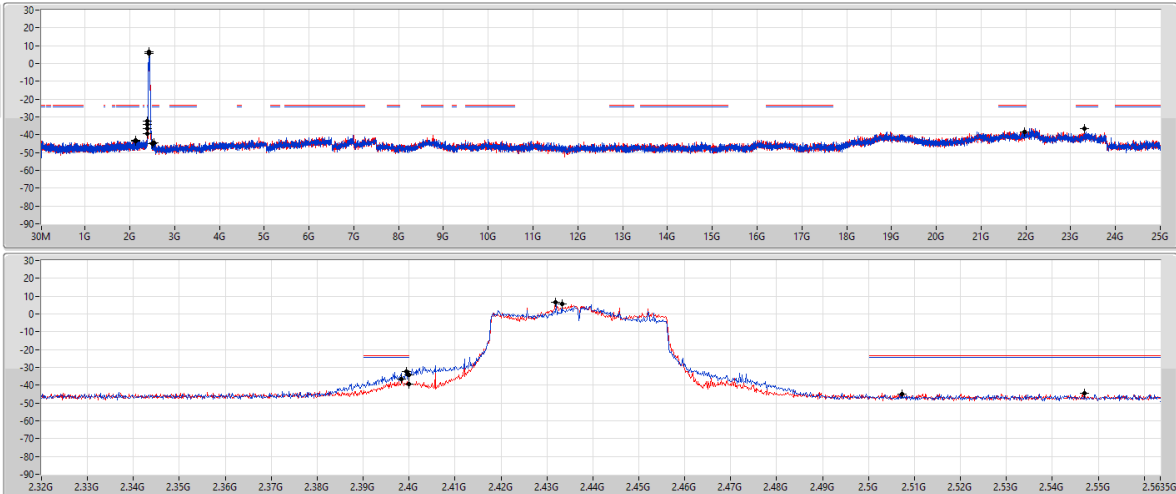


2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

CSEndB

2437MHz

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak



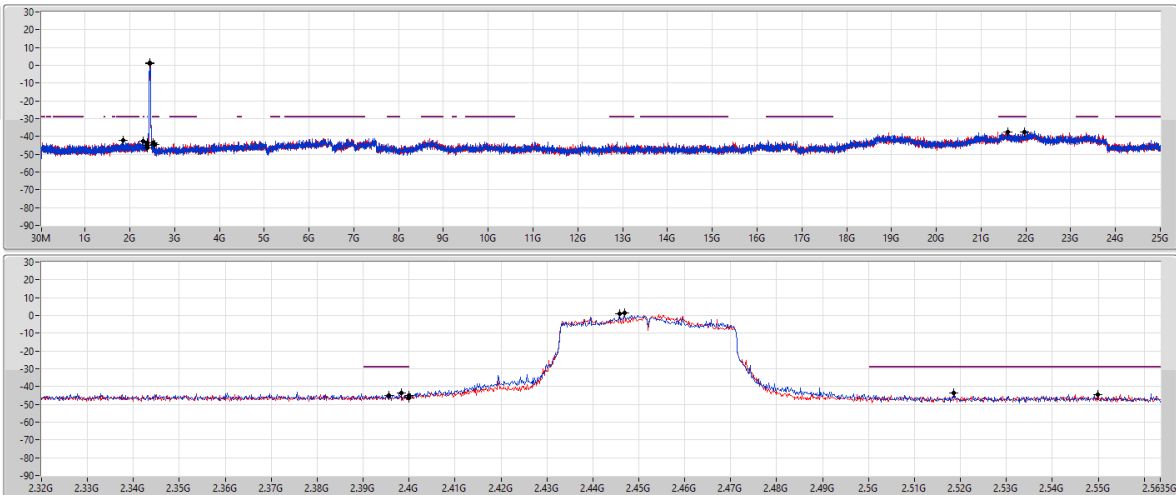
Ref(Hz)	Ref(dBm)	Limit(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Freq(Hz)	Level(dBm)	Port
2.43323G	5.46	-24.54	2.12421G	-43.54	2.39936G	-32.52	2.4G	-34.26	2.50734G	-44.85	2.197107G	-38.22	1
2.4319G	6.58	-23.42	2.13909G	-43.22	2.3984G	-36.72	2.4G	-39.56	2.54702G	-44.45	23.30324G	-36.79	2

2.4-2.4835GHz_802.11be EHT40_Nss1,(MCS0)_2TX

CSEndB

2452MHz

RBW (Hz)
100k
VBW (Hz)
300k
Detector
Peak



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
2.44576G	0.95	-29.05	1.85628G	-42.25	2.3984G	-43.38	2.4G	-44.95	2.51854G	-43.81	21.96546G	-37.42	1
2.44693G	1.20	-28.80	2.30283G	-42.79	2.39552G	-44.95	2.4G	-46.23	2.5499G	-44.39	21.99326G	-37.32	2

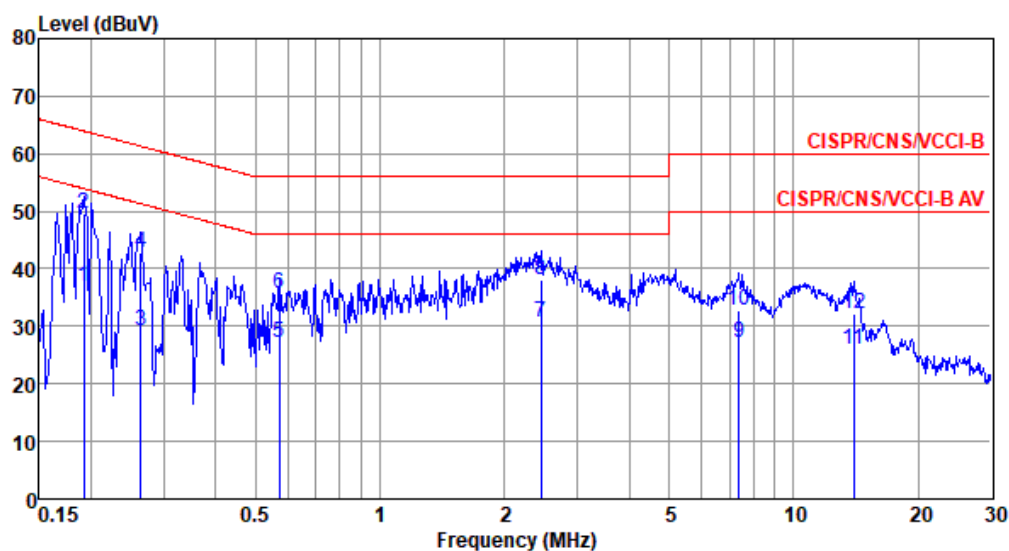


Modulation Mode	11b	Test Freq. (MHz)	2437
Power Phase	Line		

Test by : Joe Liao

Temperature: 26°C

Humidity: 64%



	Freq MHz	Level dBUV	Limit Line dBUV	Over Limit dB	Read Level dBUV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.192	36.78	53.93	-17.15	26.81	9.64	0.08	0.25	Average
2*	0.192	49.51	63.93	-14.42	39.54	9.64	0.08	0.25	QP
3	0.264	29.37	51.29	-21.92	19.37	9.64	0.08	0.28	Average
4	0.264	42.86	61.29	-18.43	32.86	9.64	0.08	0.28	QP
5	0.570	27.17	46.00	-18.83	17.09	9.64	0.09	0.35	Average
6	0.570	35.68	56.00	-20.32	25.60	9.64	0.09	0.35	QP
7	2.448	30.78	46.00	-15.22	20.50	9.66	0.18	0.44	Average
8	2.448	37.98	56.00	-18.02	27.70	9.66	0.18	0.44	QP
9	7.368	27.19	50.00	-22.81	16.73	9.70	0.27	0.49	Average
10	7.368	32.72	60.00	-27.28	22.26	9.70	0.27	0.49	QP
11	13.989	25.90	50.00	-24.10	15.26	9.71	0.41	0.52	Average
12	13.989	32.14	60.00	-27.86	21.50	9.71	0.41	0.52	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).

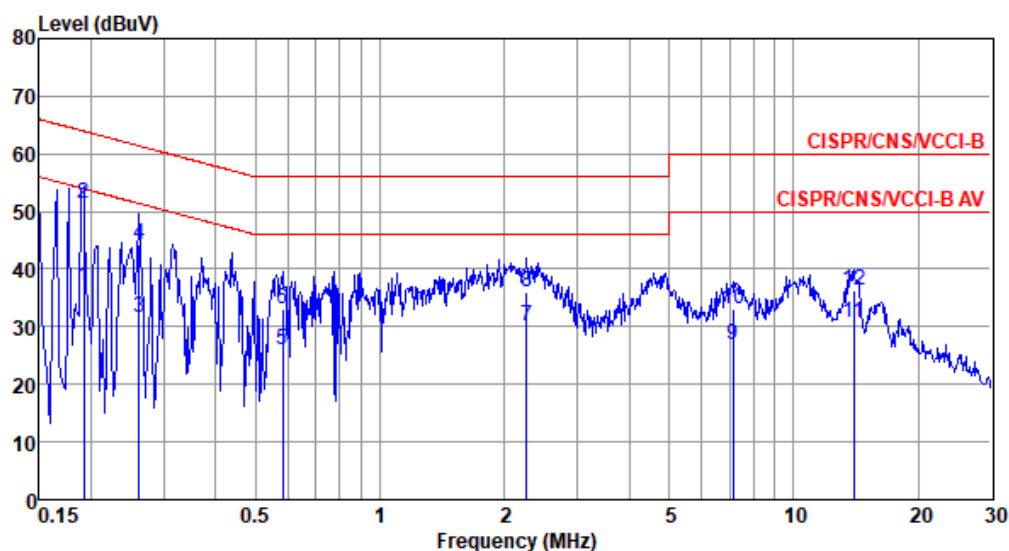


Modulation Mode	11b	Test Freq. (MHz)	2437
Power Phase	Neutral		

Test by : Joe Liao

Temperature: 26°C

Humidity: 64%



	Freq MHz	Level dBUV	Limit Line dBUV	Over Limit dB	Read Level dBUV	Factor dB	Cable loss dB	Aux dB	Remark
1	0.192	36.88	53.93	-17.05	26.97	9.64	0.08	0.19	Average
2*	0.192	51.30	63.93	-12.63	41.39	9.64	0.08	0.19	QP
3	0.262	31.58	51.38	-19.80	21.64	9.64	0.08	0.22	Average
4	0.262	44.30	61.38	-17.08	34.36	9.64	0.08	0.22	QP
5	0.582	25.92	46.00	-20.08	15.90	9.63	0.09	0.30	Average
6	0.582	33.12	56.00	-22.88	23.10	9.63	0.09	0.30	QP
7	2.261	30.21	46.00	-15.79	19.95	9.65	0.18	0.43	Average
8	2.261	35.97	56.00	-20.03	25.71	9.65	0.18	0.43	QP
9	7.137	26.78	50.00	-23.22	16.30	9.70	0.27	0.51	Average
10	7.137	32.93	60.00	-27.07	22.45	9.70	0.27	0.51	QP
11	13.989	30.67	50.00	-19.33	19.94	9.75	0.41	0.57	Average
12	13.989	36.34	60.00	-23.66	25.61	9.75	0.41	0.57	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).