



TEST REPORT

Report No.: CTC2024264104
FCC ID.....: 2BBOT-V1231
IC: 30767-V1231
Applicant: VITURE Inc.
Address.....: 95 Third Street, 2nd Floor, San Francisco, 94103
Manufacturer.....: VITURE Inc.
Address.....: 95 Third Street, 2nd Floor, San Francisco, 94103
Product Name: VITURE Pro Neckband
Trade Mark: VITURE
Model/Type reference.....: V1231
Listed Model(s): /
Standard: FCC CFR Title 47 Part 15 Subpart C Section 15.247
RSS-247 Issue 3
Test Report Form No: CTC-TR-057_A1
Master TRF: Dated 2024-09-20
Date of receipt of test sample.....: Nov. 14, 2024
Date of testing.....: Nov. 14, 2024 ~ Dec. 17, 2024
Date of issue.....: Dec. 17, 2024
Result.....: PASS

Compiled by:

(Printed name+signature)

Lucy Lan

Supervised by:

(Printed name+signature)

Eric Zhang

Approved by:

(Printed name+signature)

Totti Zhao

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1. TEST SUMMARY

1.1. Test Standards

The tests were performed according to following standards:

[FCC Rules Part 15.247](#): Operation within the bands 902–928MHz, 2400–2483.5MHz, and 5725–5850MHz.

[RSS-247 Issue 3](#): Digital Transmission Systems (DTSs), Frequency Hopping Systems (FHSs) and Licence-Exempt Local Area Network (LE-LAN) Devices.

[RSS-Gen Issue 5](#): General Requirements for Compliance of Radio Apparatus.

[ANSI C63.10-2013](#): American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices.

1.2. Report Version

Revised No.	Report No.	Date of issue	Description
01	CTC2024264104	Dec. 17, 2024	Original

1.3. Test Description

FCC Part 15 Subpart C (15.247) / RSS-247 Issue 3				
Test Item	Standard Section		Result	Test Engineer
	FCC	IC		
Antenna Requirement	15.203	RSS-Gen 6.8	Pass	Tony Huang
Conducted Emission	15.207	RSS-Gen 8.8	Pass	Tony Huang
Conducted Band Edge and Spurious Emissions	15.247(d)	RSS-247 5.5	Pass	Tony Huang
Radiated Band Edge and Spurious Emissions	15.205&15.209&15.247(d)	RSS-247 5.5	Pass	Tony Huang
6dB Bandwidth	15.247(a)(2)	RSS-247 5.2 (a)	Pass	Tony Huang
Conducted Max Output Power	15.247(b)(3)	RSS-247 5.4 (d)	Pass	Tony Huang
Power Spectral Density	15.247(e)	RSS-247 5.2 (b)	Pass	Tony Huang
Transmitter Radiated Spurious	15.209&15.247(d)	RSS-247 5.5&RSS-Gen 8.9	Pass	Tony Huang

Note:

1. The measurement uncertainty is not included in the test result.
2. N/A: means this test item is not applicable for this device according to the technology characteristic of device.



1.4. Test Facility

Address of the report laboratory

CTC Laboratories, Inc.

Add: Room 101 of Building B, Room 107, 108, 207, 208 of Building A, No. 7, Lanqing 1st Road, Luh Community, Guanhu Subdistrict, Longhua District, Shenzhen, Guangdong, China

Laboratory accreditation

The test facility is recognized, certified, or accredited by the following organizations:

A2LA-Lab Cert. No.: 4340.01

CTC Laboratories, Inc. EMC Laboratory has been accredited by A2LA for technical competence in the field of electrical testing, and proved to be in compliance with ISO/IEC 17025:2017 General Requirements for the Competence of Testing and Calibration Laboratories and any additional program requirements in the identified field of testing.

Industry Canada (Registration No.: 9783A, CAB Identifier: CN0029)

CTC Laboratories, Inc. EMC Laboratory has been registered by Certification and Engineer Bureau of Industry Canada for the performance of with Registration NO.: 9783A on Jan, 2016.

FCC (Registration No.: 951311, Designation Number CN1208)

CTC Laboratories, Inc. EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files. Registration 951311, Aug 26, 2017.



1.5. Measurement Uncertainty

The data and results referenced in this document are true and accurate. The reader is cautioned that there may be errors within the calibration limits of the equipment and facilities. The measurement uncertainty was calculated for all measurements listed in this test report acc. to TR-100028-01 "Electromagnetic compatibility and Radio spectrum Matters (ERM); Uncertainties in the measurement of mobile radio equipment characteristics; Part 1" and TR-100028-02 "Electromagnetic compatibility and Radio spectrum Matters (ERM); Uncertainties in the measurement of mobile radio equipment characteristics; Part 2" and is documented in the CTC Laboratories, Inc. quality system acc. to DIN EN ISO/IEC 17025. Furthermore, component and process variability of devices similar to that tested may result in additional deviation. The manufacturer has the sole responsibility of continued compliance of the device.

Below is the best measurement capability for CTC Laboratories, Inc.

Test Items	Measurement Uncertainty	Notes
DTS Bandwidth	$\pm 0.0196\%$	(1)
Maximum Conducted Output Power	± 0.686 dB	(1)
Maximum Power Spectral Density Level	± 0.743 dB	(1)
Band-edge Compliance	± 1.328 dB	(1)
Unwanted Emissions In Non-restricted Freq Bands	9kHz-1GHz: ± 0.746 dB 1GHz-26GHz: ± 1.328 dB	(1)
Conducted Emissions 9kHz~30MHz	± 3.08 dB	(1)
Radiated Emissions 30~1000MHz	± 4.51 dB	(1)
Radiated Emissions 1~18GHz	± 5.84 dB	(1)
Radiated Emissions 18~40GHz	± 6.12 dB	(1)

Note (1): This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=2$.

1.6. Environmental Conditions

During the measurement the environmental conditions were within the listed ranges:

Temperature:	15 °C to 35 °C
Relative Humidity:	20 % to 75 %
Air Pressure:	101 kPa



2. GENERAL INFORMATION

2.1. Client Information

Applicant:	VITURE Inc.
Address:	95 Third Street, 2nd Floor, San Francisco, 94103
Manufacturer:	VITURE Inc.
Address:	95 Third Street, 2nd Floor, San Francisco, 94103
Factory:	Shenzhen Qiyao Intelligent Manufacturing Technology Co., Ltd
Address:	1F,Building 1,Lingqi Industrial Park Factory,NO.17,Yingren Shi Tianbao Road,Shiyan Town,Baoan District,Shenzhen City

2.2. General Description of EUT

Product Name:	VITURE Pro Neckband
Trade Mark:	VITURE
Model/Type reference:	V1231
Listed Model(s):	/
Model Difference:	/
Sample ID:	CTC241111-003-S005
Power Supply:	USB-C Input:5V/2A; 9V/2A Magnetic connector Input: 5V/1A;9V/1A Output: 5V/1A 3.85Vdc from 3280mAh Rechargeable Lithium Ion Battery
Hardware Version:	V1.03
Software Version:	T29
2.4G Wi-Fi	
Modulation:	802.11b: DSSS (CCK, DQPSK, DBPSK) 802.11g/ n: OFDM (BPSK, QPSK, 16QAM, 64QAM) 802.11ax: OFDMA (BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM)
Operation Frequency:	802.11b/ g/ n(HT20)/ ax(HE20): 2412MHz~2462MHz 802.11n(HT40)/ ax(HE40): 2422MHz~2452MHz
Channel Number:	802.11b/ g/ n(HT20)/ ax(HE20): 11 channels 802.11n(HT40)/ ax(HE40): 7 channels
Channel Separation:	5MHz
Antenna 1&2 Type:	FPC Antenna
Antenna 1 Gain:	0.94dBi
Antenna 2 Gain:	1.48dBi

CTC Laboratories, Inc.

Room 101 Building B, No. 7, Lanqing 1st Road, Luhu Community, Guanhu Subdistrict, Longhua District, Shenzhen, Guangdong, China
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TRF No: CTC-TR-057_A1

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2.3. Accessory Equipment Information

Equipment Information			
Name	Model	S/N	Manufacturer
Notebook	ThinkPad T460s	/	Lenovo
Adapter	TAP-23A050200CU01	/	/
Cable Information			
Name	Shielded Type	Ferrite Core	Length
/	/	/	/
Test Software Information			
Name	Version	/	/
QRCT4	4.0.211.0	/	/



2.4. Operation State

Operation Frequency List: The EUT has been tested under typical operating condition. The Applicant provides communication tools software to control the EUT for staying in continuous transmitting and receiving mode for testing.

Operation Frequency List:

Channel	Frequency (MHz)
01	2412
02	2417
03	2422
04	2427
05	2432
06	2437
07	2442
08	2447
09	2452
10	2457
11	2462

Note: CH 01~CH 11 for 802.11b/g/n(HT20)/ax(HE20), CH 03~CH 09 for 802.11n(HT40)/ax(HE40).

Data Rated:

Preliminary tests were performed in different data rate, and found which the below bit rate is worst case mode, so only show data which it is the worst case mode.

Test Mode	Data Rate (worst mode)
802.11b	1Mbps
802.11g	6Mbps
802.11n(HT20)/ (HT40)	HT-MCS0
802.11ax(HE20)/ (HE40)	HE-MCS0



Test Mode:

For RF test items:
1. The engineering test program was provided and enabled to make EUT continuous transmit. 2. IEEE 802.11ax mode only supports full RU, so only the full RU is evaluated and measured inside report
For AC power line conducted emissions:
The EUT was set to connect with the WLAN AP under large package sizes transmission.
For Radiated spurious emissions test item:
The engineering test program was provided and enabled to make EUT continuous transmit. The EUT in each of three orthogonal axis emissions had been tested, but only the worst case (X axis) data recorded in the report.



2.5. Measurement Instruments List

RF Test System - SRD					
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Calibrated Until
1	Spectrum Analyzer	R&S	FSV40-N	101654	Aug. 06, 2025
2	EXG Analog Signal Generator	Keysight	N5173B	MY59100842	Dec. 12, 2025
3	MXG Vector Signal Generator	Keysight	N5182B	MY59100212	Dec. 12, 2025
4	Wideband Radio Communication Tester	R&S	CMW500	102257	May 24, 2025
5	RF Control Unit	Tonscend	JS0806-2	/	Aug. 21, 2025
6	High and low temperature test chamber	ESPEC	MT3035	/	Mar. 21, 2025
7	Test Software	Tonscend	JS1120-3	V3.3.38	/

RF Test System - SRD					
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Calibrated Until
1	Spectrum Analyzer	R&S	FSV40-N	101654	Aug. 06, 2025
2	EXG Analog Signal Generator	Keysight	N5173B	MY59100842	Dec. 12, 2024
3	MXG Vector Signal Generator	Keysight	N5182B	MY59100212	Dec. 12, 2024
4	Wideband Radio Communication Tester	R&S	CMW500	102257	May 24, 2025
5	RF Control Unit	Tonscend	JS0806-2	/	Aug. 21, 2025
6	High and low temperature test chamber	ESPEC	MT3035	/	Mar. 21, 2025
7	Test Software	Tonscend	JS1120-3	V3.3.38	/

Radiated emission					
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Calibrated Until
1	Trilog-Broadband Antenna	Schwarzbeck	VULB 9163	01026	Dec. 18, 2024
2	Horn Antenna	Schwarzbeck	BBHA 9120D	9120D-647	Sep. 25, 2025
3	Test Receiver	Keysight	N9038A	MY56400071	Dec. 12, 2024
4	Broadband Amplifier	SCHWARZBECK	BBV9743B	259	Dec. 12, 2024
5	Mirowave Broadband Amplifier	SCHWARZBECK	BBV9718C	111	Dec. 12, 2024
6	3m chamber 3	YIHENG	EE106	/	Aug. 28, 2026
7	Test Software	FARA	EZ-EMC	FA-03A2	/

Radiated emission					
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Calibrated Until
1	Trilog-Broadband Antenna	Schwarzbeck	VULB 9163	01026	Dec. 18, 2024
2	Horn Antenna	Schwarzbeck	BBHA 9120D	9120D-647	Sep. 25, 2025
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7	Test Software	FARA	EZ-EMC	FA-03A2	/
Conducted emission					
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Calibrated until
1	LISN	R&S	ENV216	101112	Dec. 12, 2024
2	LISN	R&S	ENV216	101113	Dec. 12, 2024
3	EMI Test Receiver	R&S	ESCS30	100353	Dec. 12, 2024
4	ISN CAT6	Schwarzbeck	NTFM 8158	CAT6-8158-0046	Dec. 12, 2024
5	ISN CAT5	Schwarzbeck	NTFM 8158	CAT5-8158-0046	Dec. 12, 2024
6	Test Software	R&S	EMC32	6.10.10	/

Note: 1. The Cal. Interval was one year.

2. The Cal. Interval was three years of the antenna.

3. The cable loss has been calculated in test result which connection between each test instruments.

3. TEST ITEM AND RESULTS

3.1. Conducted Emission

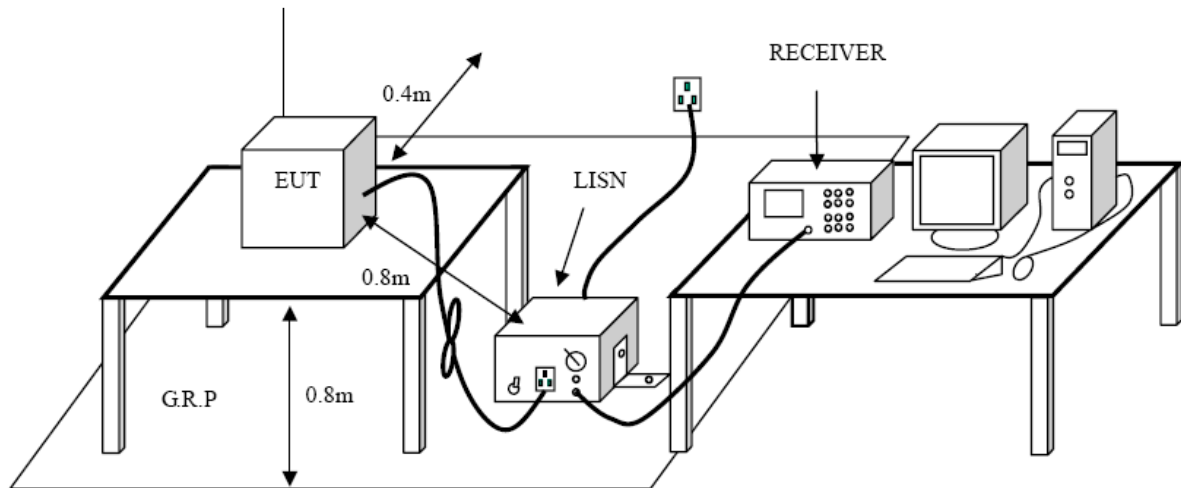
Limit

FCC CFR Title 47 Part 15 Subpart C Section 15.207 / RSS-Gen 8.8

Frequency (MHz)	Conducted Limit (dBμV)	
	Quasi-peak	Average
0.15 - 0.5	66 to 56 *	56 to 46 *
0.5 - 5	56	46
5 - 30	60	50

* Decreases with the logarithm of the frequency.

Test Configuration



Test Procedure

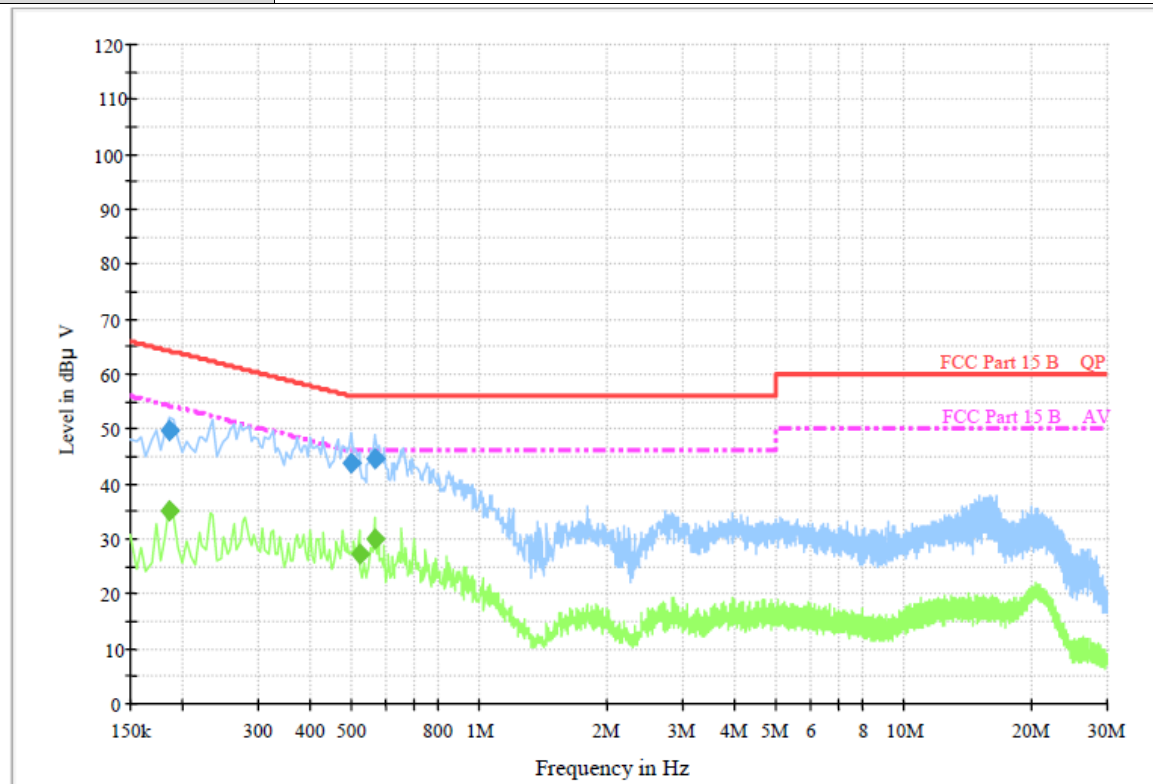
1. The EUT was setup according to ANSI C63.10:2013 requirements.
2. The EUT was placed on a platform of nominal size, 1 m by 1.5 m, raised 80 cm above the conducting ground plane. The vertical conducting plane was located 40 cm to the rear of the EUT. All other surfaces of EUT were at least 80 cm from any other grounded conducting surface.
3. The EUT and simulators are connected to the main power through a line impedance stabilization network (LISN). The LISN provides a 50 ohm / 50 μH coupling impedance for the measuring equipment.
4. The peripheral devices are also connected to the main power through a LISN. (Please refer to the block diagram of the test setup and photographs)
5. Each current-carrying conductor of the EUT power cord, except the ground (safety) conductor, was individually connected through a LISN to the input power source.
6. The excess length of the power cord between the EUT and the LISN receptacle were folded back and forth at the center of the lead to form a bundle not exceeding 40 cm in length.
7. Conducted emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9 kHz.
8. During the above scans, the emissions were maximized by cable manipulation.

Test Mode

Please refer to the clause 2.4.

**Test Result**

Test Voltage:	AC 120V/60Hz
Terminal:	Line
Remark:	Only worse case is reported

**Final Measurement Detector 1**

Frequency (MHz)	QuasiPeak (dBμ V)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμ V)	Comment
0.186000	49.7	1000.00	9.000	On	L1	9.5	14.5	64.2	
0.496500	43.9	1000.00	9.000	On	L1	9.5	12.2	56.1	
0.564000	44.6	1000.00	9.000	On	L1	9.5	11.4	56.0	

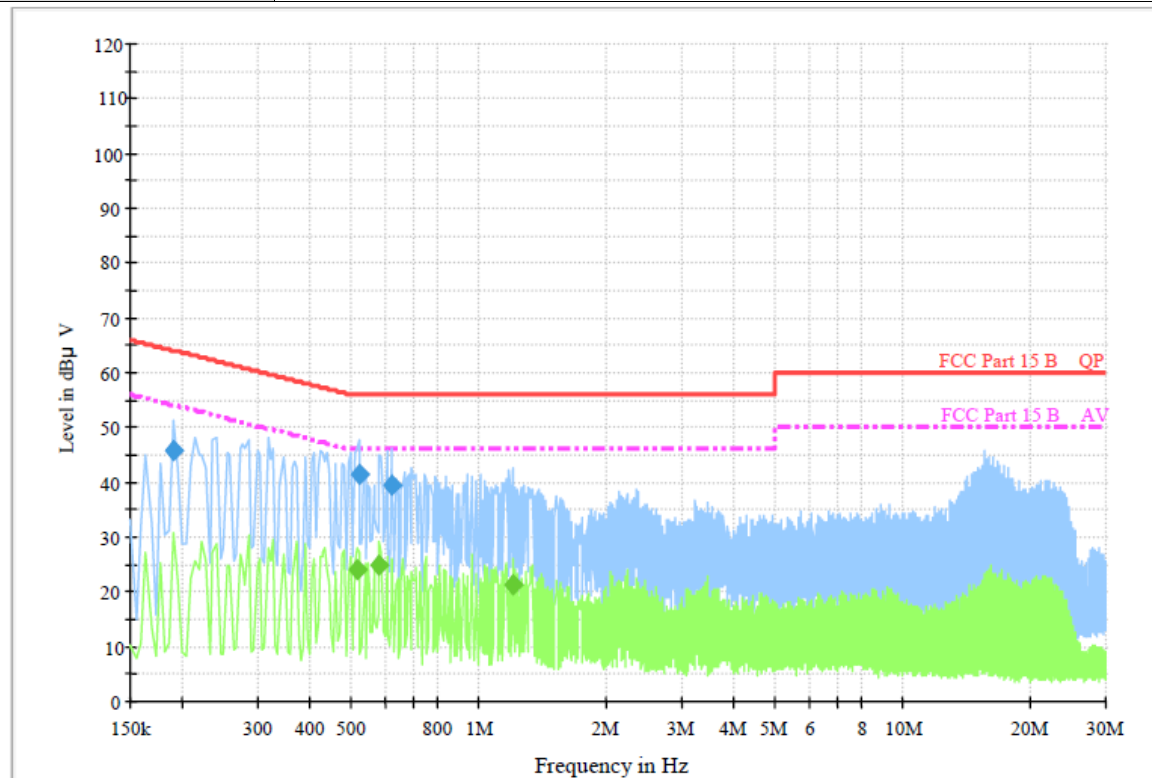
Final Measurement Detector 2

Frequency (MHz)	Average (dBμ V)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμ V)	Comment
0.186000	35.1	1000.00	9.000	On	L1	9.5	19.1	54.2	
0.519000	27.3	1000.00	9.000	On	L1	9.5	18.7	46.0	
0.564000	30.0	1000.00	9.000	On	L1	9.5	16.0	46.0	

Emission Level = Read Level + Correct Factor



Test Voltage:	AC 120V/60Hz
Terminal:	Neutral
Remark:	Only worse case is reported



Final Measurement Detector 1

Frequency (MHz)	QuasiPeak (dBμ V)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμ V)	Comment
0.190500	45.7	1000.00	9.000	On	N	9.4	18.3	64.0	
0.519000	41.5	1000.00	9.000	On	N	9.4	14.5	56.0	
0.618000	39.7	1000.00	9.000	On	N	9.4	16.3	56.0	

Final Measurement Detector 2

Frequency (MHz)	Average (dBμ V)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBμ V)	Comment
0.514500	24.1	1000.00	9.000	On	N	9.4	21.9	46.0	
0.582000	25.0	1000.00	9.000	On	N	9.4	21.0	46.0	
1.198500	21.5	1000.00	9.000	On	N	9.6	24.5	46.0	

Emission Level = Read Level + Correct Factor

3.2. Radiated Emission

Limit

FCC CFR Title 47 Part 15 Subpart C Section 15.209 / RSS-Gen 8.9

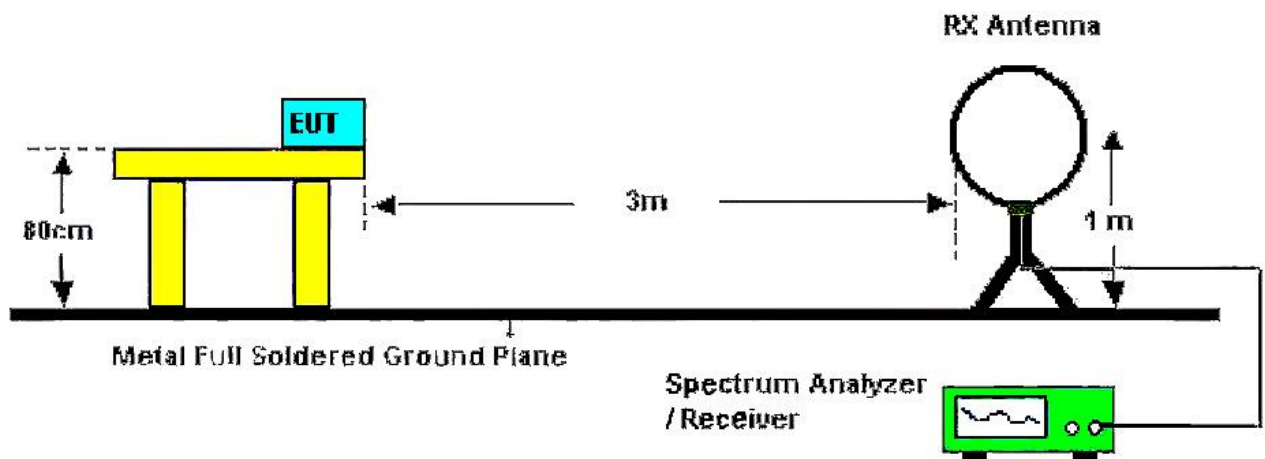
Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009~0.490	2400/F (kHz)	300
0.490~1.705	24000/F (kHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
960~1000	500	3

Frequency Range (MHz)	dB μ V/m (at 3 meters)	
	Peak	Average
Above 1000	74	54

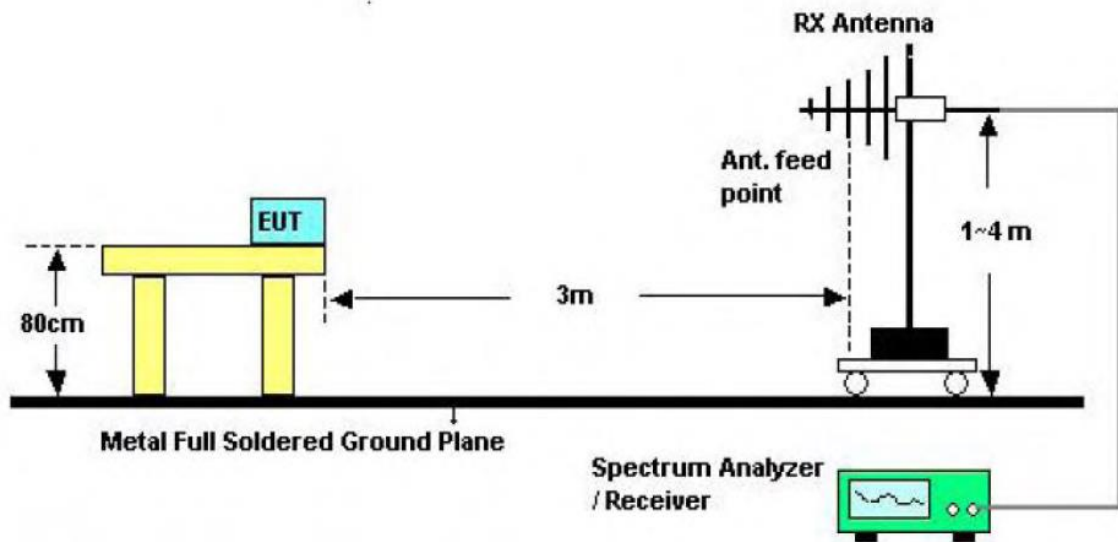
Note:

- (1) The tighter limit applies at the band edges.
- (2) Emission Level (dB μ V/m)=20log Emission Level (μ V/m).

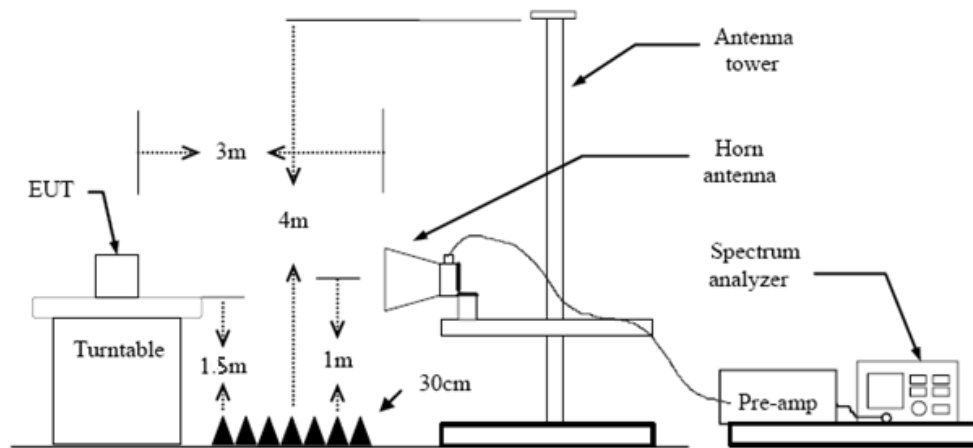
Test Configuration



Below 30MHz Test Setup



30-1000MHz Test Setup



Above 1GHz Test Setup

Test Procedure

1. The EUT was setup and tested according to ANSI C63.10:2013.
2. The EUT is placed on a turn table which is 0.8 meter above ground for below 1 GHz, and 1.5 m for above 1 GHz. The turn table is rotated 360 degrees to determine the position of the maximum emission level.
3. The EUT was set 3 meters from the receiving antenna, which was mounted on the top of a variable height antenna tower.
4. For each suspected emission, the EUT was arranged to its worst case and then tune the Antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level to comply with the guidelines.
5. Set to the maximum power setting and enable the EUT transmit continuously.
6. Use the following spectrum analyzer settings
 - (1) Span shall wide enough to fully capture the emission being measured;
 - (2) 9k – 150kHz:
RBW=300 Hz, VBW=1 kHz, Sweep=auto, Detector function=peak, Trace=max hold
 - (3) 0.15M – 30MHz:
RBW=10 kHz, VBW=30 kHz, Sweep=auto, Detector function=peak, Trace=max hold
 - (4) 30M - 1 GHz:
RBW=120 kHz, VBW=300 kHz, Sweep=auto, Detector function=peak, Trace=max hold



If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.

(5) From 1 GHz to 10th harmonic:

RBW=1MHz, VBW=3MHz Peak detector for Peak value.

RBW=1MHz, VBW see note 1 with Peak Detector for Average Value.

Note 1: For measurements above 1 GHz the resolution bandwidth is set to 1 MHz, then the video bandwidth is set to 3 MHz for peak measurements and 1 MHz resolution bandwidth with 1/T video bandwidth with peak detector for average measurements. For the Duty Cycle please refer to clause 3.8 Duty Cycle.

Test Mode

Please refer to the clause 2.4.

Test Result

9 kHz~30 MHz

From 9 kHz to 30 MHz: The conclusion is PASS.

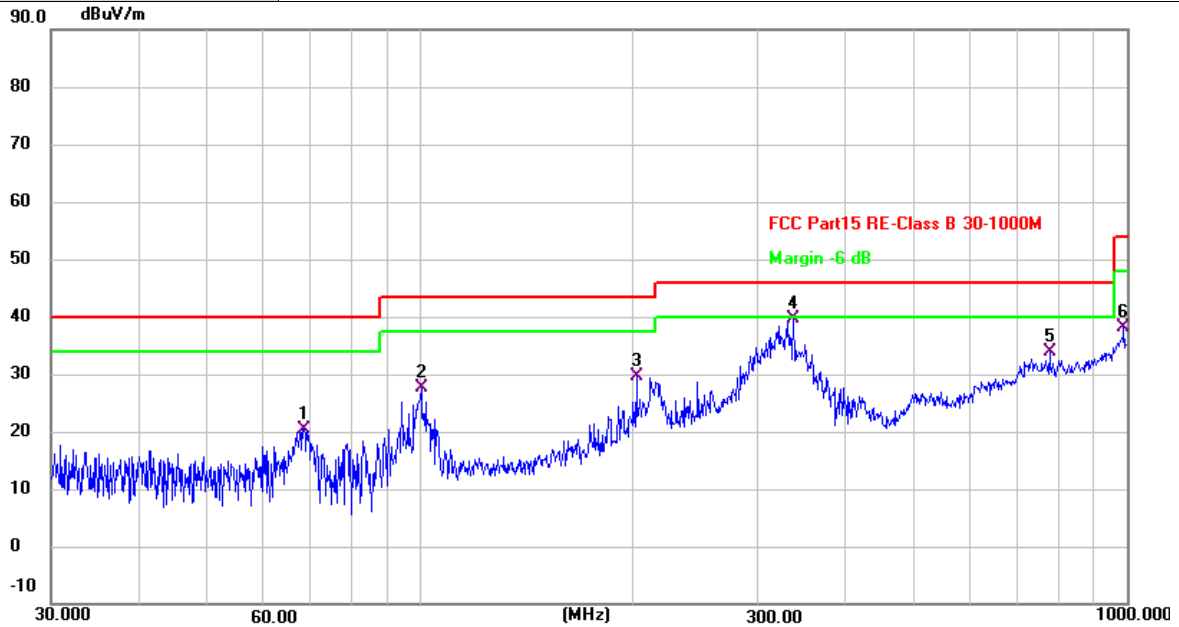
Note:

1. The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.



30MHz-1GHz

Ant. No.	Ant 1
Ant. Pol.	Horizontal
Test Mode:	TX 802.11b Mode 2412MHz
Remark:	Only worse case is reported.



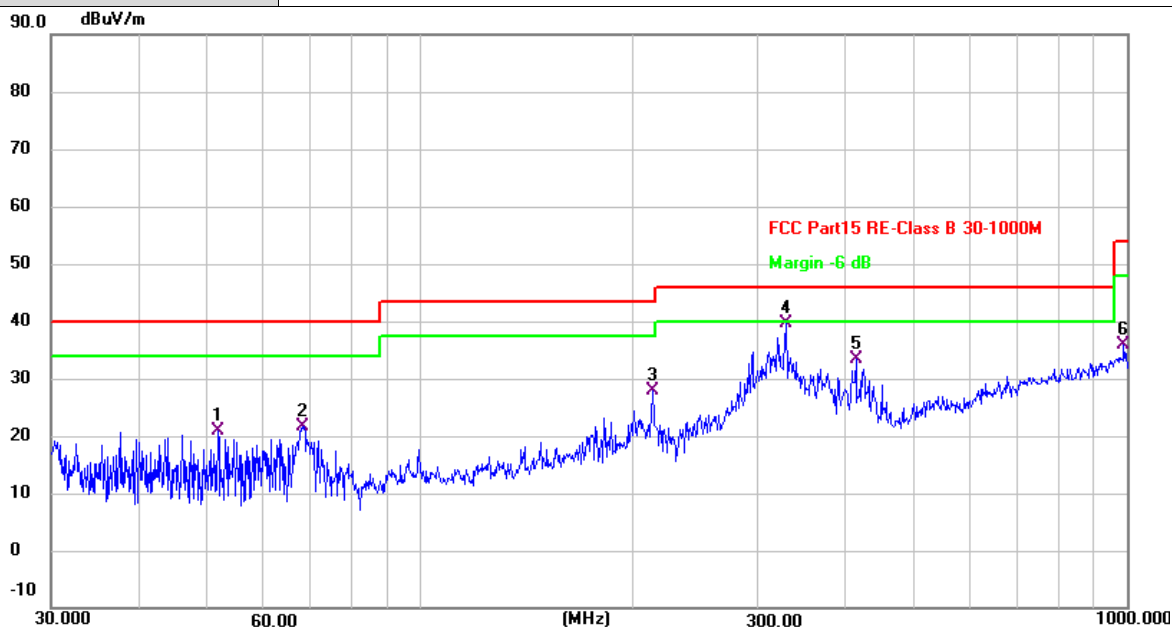
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	68.3908	38.91	-18.54	20.37	40.00	-19.63	QP
2	100.2285	47.51	-19.95	27.56	43.50	-15.94	QP
3	202.1004	48.86	-19.30	29.56	43.50	-13.94	QP
4 *	337.2155	54.33	-14.72	39.61	46.00	-6.39	QP
5	776.8778	38.16	-4.24	33.92	46.00	-12.08	QP
6	989.5354	39.30	-1.20	38.10	54.00	-15.90	QP

Remarks:

1. Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB) - Pre-amplifier Factor
2. Margin value = Level - Limit value



Ant. No.	Ant 1
Ant. Pol.	Vertical
Test Mode:	TX 802.11b Mode 2412MHz
Remark:	Only worse case is reported.



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	51.6616	37.38	-16.53	20.85	40.00	-19.15	QP
2	68.1514	40.25	-18.50	21.75	40.00	-18.25	QP
3	213.0151	46.90	-18.91	27.99	43.50	-15.51	QP
4 *	329.0390	54.46	-14.94	39.52	46.00	-6.48	QP
5	413.2706	45.86	-12.59	33.27	46.00	-12.73	QP
6	989.5355	37.02	-1.20	35.82	54.00	-18.18	QP

Remarks:

1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor

2.Margin value = Level -Limit value



Above 1GHz

Ant. No.	Ant 1																														
Ant. Pol.	Horizontal																														
Test Mode:	TX 802.11b Mode 2412MHz																														
Remark:	No report for the emission which more than 20 dB below the prescribed limit.																														
<table><tr><th>No.</th><th>Frequency (MHz)</th><th>Reading (dBUV)</th><th>Factor (dB/m)</th><th>Level (dBUV/m)</th><th>Limit (dBUV/m)</th><th>Margin (dB)</th><th>Detector</th></tr><tr><td>1</td><td>4824.020</td><td>48.71</td><td>2.02</td><td>50.73</td><td>74.00</td><td>-23.27</td><td>peak</td></tr><tr><td>2 *</td><td>4824.044</td><td>44.29</td><td>2.02</td><td>46.31</td><td>54.00</td><td>-7.69</td><td>AVG</td></tr></table>								No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	1	4824.020	48.71	2.02	50.73	74.00	-23.27	peak	2 *	4824.044	44.29	2.02	46.31	54.00	-7.69	AVG
No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector																								
1	4824.020	48.71	2.02	50.73	74.00	-23.27	peak																								
2 *	4824.044	44.29	2.02	46.31	54.00	-7.69	AVG																								
Remarks: 1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor 2.Margin value = Level -Limit value																															

Ant. No.	Ant 1																														
Ant. Pol.	Vertical																														
Test Mode:	TX 802.11b Mode 2412MHz																														
Remark:	No report for the emission which more than 20 dB below the prescribed limit.																														
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No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector																								
1 *	4823.963	42.23	2.02	44.25	54.00	-9.75	AVG																								
2	4824.011	47.17	2.02	49.19	74.00	-24.81	peak																								
Remarks: 1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor 2.Margin value = Level -Limit value																															



Ant. No.	Ant 1
Ant. Pol.	Horizontal
Test Mode:	TX 802.11b Mode 2437MHz
Remark:	No report for the emission which more than 20 dB below the prescribed limit.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	4873.931	49.61	2.09	51.70	74.00	-22.30	peak
2 *	4873.994	47.25	2.09	49.34	54.00	-4.66	AVG

Remarks:

1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor

2.Margin value = Level -Limit value

Ant. No.	Ant 1
Ant. Pol.	Vertical
Test Mode:	TX 802.11b Mode 2437MHz
Remark:	No report for the emission which more than 20 dB below the prescribed limit.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	4873.982	47.52	2.09	49.61	74.00	-24.39	peak
2 *	4873.982	44.51	2.09	46.60	54.00	-7.40	AVG

Remarks:

1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor

2.Margin value = Level -Limit value



Ant. No.	Ant 1																														
Ant. Pol.	Horizontal																														
Test Mode:	TX 802.11b Mode 2462MHz																														
Remark:	No report for the emission which more than 20 dB below the prescribed limit.																														
<table><tr><th>No.</th><th>Frequency (MHz)</th><th>Reading (dBUV)</th><th>Factor (dB/m)</th><th>Level (dBUV/m)</th><th>Limit (dBUV/m)</th><th>Margin (dB)</th><th>Detector</th></tr><tr><td>1 *</td><td>4923.969</td><td>35.23</td><td>2.16</td><td>37.39</td><td>54.00</td><td>-16.61</td><td>AVG</td></tr><tr><td>2</td><td>4924.205</td><td>42.91</td><td>2.16</td><td>45.07</td><td>74.00</td><td>-28.93</td><td>peak</td></tr></table>								No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	1 *	4923.969	35.23	2.16	37.39	54.00	-16.61	AVG	2	4924.205	42.91	2.16	45.07	74.00	-28.93	peak
No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector																								
1 *	4923.969	35.23	2.16	37.39	54.00	-16.61	AVG																								
2	4924.205	42.91	2.16	45.07	74.00	-28.93	peak																								
Remarks: 1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor 2.Margin value = Level -Limit value																															

Ant. No.	Ant 1																														
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Test Mode:	TX 802.11b Mode 2462MHz																														
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No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector																								
1 *	4923.995	45.67	2.16	47.83	54.00	-6.17	AVG																								
2	4924.001	49.50	2.16	51.66	74.00	-22.34	peak																								
Remarks: 1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor 2.Margin value = Level -Limit value																															



Ant. No.	Ant 1																														
Ant. Pol.	Horizontal																														
Test Mode:	TX 802.11g Mode 2412MHz																														
Remark:	No report for the emission which more than 20 dB below the prescribed limit.																														
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No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector																								
1 *	4824.071	32.89	2.02	34.91	54.00	-19.09	AVG																								
2	4824.586	46.91	2.02	48.93	74.00	-25.07	peak																								
Remarks: 1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor 2.Margin value = Level -Limit value																															

Ant. No.	Ant 1																														
Ant. Pol.	Vertical																														
Test Mode:	TX 802.11g Mode 2412MHz																														
Remark:	No report for the emission which more than 20 dB below the prescribed limit.																														
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No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector																								
1 *	4823.731	30.96	2.02	32.98	54.00	-21.02	AVG																								
2	4824.067	43.74	2.02	45.76	74.00	-28.24	peak																								
Remarks: 1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor 2.Margin value = Level -Limit value																															



Ant. No.	Ant 1																														
Ant. Pol.	Horizontal																														
Test Mode:	TX 802.11g Mode 2437MHz																														
Remark:	No report for the emission which more than 20 dB below the prescribed limit.																														
<table><tr><th>No.</th><th>Frequency (MHz)</th><th>Reading (dBUV)</th><th>Factor (dB/m)</th><th>Level (dBUV/m)</th><th>Limit (dBUV/m)</th><th>Margin (dB)</th><th>Detector</th></tr><tr><td>1 *</td><td>4874.145</td><td>35.56</td><td>2.09</td><td>37.65</td><td>54.00</td><td>-16.35</td><td>AVG</td></tr><tr><td>2</td><td>4874.807</td><td>48.85</td><td>2.09</td><td>50.94</td><td>74.00</td><td>-23.06</td><td>peak</td></tr></table>								No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	1 *	4874.145	35.56	2.09	37.65	54.00	-16.35	AVG	2	4874.807	48.85	2.09	50.94	74.00	-23.06	peak
No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector																								
1 *	4874.145	35.56	2.09	37.65	54.00	-16.35	AVG																								
2	4874.807	48.85	2.09	50.94	74.00	-23.06	peak																								
Remarks: 1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor 2.Margin value = Level -Limit value																															

Ant. No.	Ant 1																														
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Test Mode:	TX 802.11g Mode 2437MHz																														
Remark:	No report for the emission which more than 20 dB below the prescribed limit.																														
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No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector																								
1 *	4873.820	34.24	2.09	36.33	54.00	-17.67	AVG																								
2	4874.688	45.38	2.09	47.47	74.00	-26.53	peak																								
Remarks: 1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor 2.Margin value = Level -Limit value																															



Ant. No.	Ant 1																														
Ant. Pol.	Horizontal																														
Test Mode:	TX 802.11g Mode 2462MHz																														
Remark:	No report for the emission which more than 20 dB below the prescribed limit.																														
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No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector																								
1 *	4924.005	28.99	2.16	31.15	54.00	-22.85	AVG																								
2	4924.241	42.89	2.16	45.05	74.00	-28.95	peak																								
Remarks: 1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor 2.Margin value = Level -Limit value																															

Ant. No.	Ant 1																														
Ant. Pol.	Vertical																														
Test Mode:	TX 802.11g Mode 2462MHz																														
Remark:	No report for the emission which more than 20 dB below the prescribed limit.																														
<table><tr><th>No.</th><th>Frequency (MHz)</th><th>Reading (dBUV)</th><th>Factor (dB/m)</th><th>Level (dBUV/m)</th><th>Limit (dBUV/m)</th><th>Margin (dB)</th><th>Detector</th></tr><tr><td>1</td><td>4923.931</td><td>43.93</td><td>2.16</td><td>46.09</td><td>74.00</td><td>-27.91</td><td>peak</td></tr><tr><td>2 *</td><td>4924.089</td><td>30.41</td><td>2.16</td><td>32.57</td><td>54.00</td><td>-21.43</td><td>AVG</td></tr></table>								No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	1	4923.931	43.93	2.16	46.09	74.00	-27.91	peak	2 *	4924.089	30.41	2.16	32.57	54.00	-21.43	AVG
No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector																								
1	4923.931	43.93	2.16	46.09	74.00	-27.91	peak																								
2 *	4924.089	30.41	2.16	32.57	54.00	-21.43	AVG																								
Remarks: 1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor 2.Margin value = Level -Limit value																															



Ant. No.	Ant 2						
Ant. Pol.	Horizontal						
Test Mode:	TX 802.11b Mode 2412MHz						
Remark:	No report for the emission which more than 20 dB below the prescribed limit.						
No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector
1	4823.953	44.91	2.02	46.93	74.00	-27.07	peak
2 *	4823.991	37.66	2.02	39.68	54.00	-14.32	AVG
Remarks: 1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor 2.Margin value = Level -Limit value							

Ant. No.	Ant 2						
Ant. Pol.	Vertical						
Test Mode:	TX 802.11b Mode 2412MHz						
Remark:	No report for the emission which more than 20 dB below the prescribed limit.						
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	4823.972	42.99	2.02	45.01	54.00	-8.99	AVG
2	4824.117	47.36	2.02	49.38	74.00	-24.62	peak
Remarks: 1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor 2.Margin value = Level -Limit value							



Ant. No.	Ant 2																														
Ant. Pol.	Horizontal																														
Test Mode:	TX 802.11b Mode 2437MHz																														
Remark:	No report for the emission which more than 20 dB below the prescribed limit.																														
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No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector																								
1 *	4873.980	38.21	2.09	40.30	54.00	-13.70	AVG																								
2	4874.075	44.57	2.09	46.66	74.00	-27.34	peak																								
Remarks: 1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor 2.Margin value = Level -Limit value																															

Ant. No.	Ant 2																														
Ant. Pol.	Vertical																														
Test Mode:	TX 802.11b Mode 2437MHz																														
Remark:	No report for the emission which more than 20 dB below the prescribed limit.																														
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No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector																								
1 *	4873.987	47.79	2.09	49.88	54.00	-4.12	AVG																								
2	4874.019	51.12	2.09	53.21	74.00	-20.79	peak																								
Remarks: 1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor 2.Margin value = Level -Limit value																															



Ant. No.	Ant 2						
Ant. Pol.	Horizontal						
Test Mode:	TX 802.11b Mode 2462MHz						
Remark:	No report for the emission which more than 20 dB below the prescribed limit.						
No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector
1 *	4923.915	36.07	2.16	38.23	54.00	-15.77	AVG
2	4924.113	43.03	2.16	45.19	74.00	-28.81	peak
Remarks: 1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor 2.Margin value = Level -Limit value							

Ant. No.	Ant 2						
Ant. Pol.	Vertical						
Test Mode:	TX 802.11b Mode 2462MHz						
Remark:	No report for the emission which more than 20 dB below the prescribed limit.						
No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector
1	4923.946	48.63	2.16	50.79	74.00	-23.21	peak
2 *	4923.960	44.50	2.16	46.66	54.00	-7.34	AVG
Remarks: 1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor 2.Margin value = Level -Limit value							



Ant. No.	Ant 2						
Ant. Pol.	Horizontal						
Test Mode:	TX 802.11g Mode 2412MHz						
Remark:	No report for the emission which more than 20 dB below the prescribed limit.						
No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector
1	4823.582	42.57	2.02	44.59	74.00	-29.41	peak
2 *	4824.066	29.00	2.02	31.02	54.00	-22.98	AVG
Remarks: 1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor 2.Margin value = Level -Limit value							

Ant. No.	Ant 2						
Ant. Pol.	Vertical						
Test Mode:	TX 802.11g Mode 2412MHz						
Remark:	No report for the emission which more than 20 dB below the prescribed limit.						
No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector
1 *	4823.054	31.82	2.01	33.83	54.00	-20.17	AVG
2	4824.717	46.32	2.02	48.34	74.00	-25.66	peak
Remarks: 1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor 2.Margin value = Level -Limit value							



Ant. No.	Ant 2						
Ant. Pol.	Horizontal						
Test Mode:	TX 802.11g Mode 2437MHz						
Remark:	No report for the emission which more than 20 dB below the prescribed limit.						
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	4873.333	41.72	2.09	43.81	74.00	-30.19	peak
2 *	4874.128	27.60	2.09	29.69	54.00	-24.31	AVG
Remarks: 1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor 2.Margin value = Level -Limit value							

Ant. No.	Ant 2						
Ant. Pol.	Vertical						
Test Mode:	TX 802.11g Mode 2437MHz						
Remark:	No report for the emission which more than 20 dB below the prescribed limit.						
No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector
1 *	4873.936	35.72	2.09	37.81	54.00	-16.19	AVG
2	4874.982	48.84	2.09	50.93	74.00	-23.07	peak
Remarks: 1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor 2.Margin value = Level -Limit value							



Ant. No.	Ant 2						
Ant. Pol.	Horizontal						
Test Mode:	TX 802.11g Mode 2462MHz						
Remark:	No report for the emission which more than 20 dB below the prescribed limit.						
No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector
1	4924.107	42.41	2.16	44.57	74.00	-29.43	peak
2 *	4924.832	27.14	2.16	29.30	54.00	-24.70	AVG
Remarks: 1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor 2.Margin value = Level -Limit value							

Ant. No.	Ant 2						
Ant. Pol.	Vertical						
Test Mode:	TX 802.11g Mode 2462MHz						
Remark:	No report for the emission which more than 20 dB below the prescribed limit.						
No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector
1 *	4924.447	35.07	2.16	37.23	54.00	-16.77	AVG
2	4924.910	48.26	2.16	50.42	74.00	-23.58	peak
Remarks: 1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor 2.Margin value = Level -Limit value							



Ant. No.	MIMO																														
Ant. Pol.	Horizontal																														
Test Mode:	TX 802.11n(HT20) Mode 2412MHz																														
Remark:	No report for the emission which more than 20 dB below the prescribed limit.																														
<table><tr><th>No.</th><th>Frequency (MHz)</th><th>Reading (dBUV)</th><th>Factor (dB/m)</th><th>Level (dBUV/m)</th><th>Limit (dBUV/m)</th><th>Margin (dB)</th><th>Detector</th></tr><tr><td>1 *</td><td>4823.396</td><td>27.77</td><td>2.02</td><td>29.79</td><td>54.00</td><td>-24.21</td><td>AVG</td></tr><tr><td>2</td><td>4824.242</td><td>41.39</td><td>2.02</td><td>43.41</td><td>74.00</td><td>-30.59</td><td>peak</td></tr></table>								No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	1 *	4823.396	27.77	2.02	29.79	54.00	-24.21	AVG	2	4824.242	41.39	2.02	43.41	74.00	-30.59	peak
No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector																								
1 *	4823.396	27.77	2.02	29.79	54.00	-24.21	AVG																								
2	4824.242	41.39	2.02	43.41	74.00	-30.59	peak																								
Remarks: 1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor 2.Margin value = Level -Limit value																															

Ant. No.	MIMO																														
Ant. Pol.	Vertical																														
Test Mode:	TX 802.11n(HT20) Mode 2412MHz																														
Remark:	No report for the emission which more than 20 dB below the prescribed limit.																														
<table><tr><th>No.</th><th>Frequency (MHz)</th><th>Reading (dBUV)</th><th>Factor (dB/m)</th><th>Level (dBUV/m)</th><th>Limit (dBUV/m)</th><th>Margin (dB)</th><th>Detector</th></tr><tr><td>1</td><td>4823.095</td><td>43.77</td><td>2.01</td><td>45.78</td><td>74.00</td><td>-28.22</td><td>peak</td></tr><tr><td>2 *</td><td>4823.269</td><td>28.98</td><td>2.01</td><td>30.99</td><td>54.00</td><td>-23.01</td><td>AVG</td></tr></table>								No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	1	4823.095	43.77	2.01	45.78	74.00	-28.22	peak	2 *	4823.269	28.98	2.01	30.99	54.00	-23.01	AVG
No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector																								
1	4823.095	43.77	2.01	45.78	74.00	-28.22	peak																								
2 *	4823.269	28.98	2.01	30.99	54.00	-23.01	AVG																								
Remarks: 1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor 2.Margin value = Level -Limit value																															



Ant. No.	MIMO																														
Ant. Pol.	Horizontal																														
Test Mode:	TX 802.11n(HT20) Mode 2437MHz																														
Remark:	No report for the emission which more than 20 dB below the prescribed limit.																														
<table><tr><th>No.</th><th>Frequency (MHz)</th><th>Reading (dBUV)</th><th>Factor (dB/m)</th><th>Level (dBUV/m)</th><th>Limit (dBUV/m)</th><th>Margin (dB)</th><th>Detector</th></tr><tr><td>1</td><td>4873.540</td><td>40.11</td><td>2.09</td><td>42.20</td><td>74.00</td><td>-31.80</td><td>peak</td></tr><tr><td>2 *</td><td>4874.531</td><td>25.91</td><td>2.09</td><td>28.00</td><td>54.00</td><td>-26.00</td><td>AVG</td></tr></table>								No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	1	4873.540	40.11	2.09	42.20	74.00	-31.80	peak	2 *	4874.531	25.91	2.09	28.00	54.00	-26.00	AVG
No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector																								
1	4873.540	40.11	2.09	42.20	74.00	-31.80	peak																								
2 *	4874.531	25.91	2.09	28.00	54.00	-26.00	AVG																								
Remarks: 1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor 2.Margin value = Level -Limit value																															

Ant. No.	MIMO																														
Ant. Pol.	Vertical																														
Test Mode:	TX 802.11n(HT20) Mode 2437MHz																														
Remark:	No report for the emission which more than 20 dB below the prescribed limit.																														
<table><tr><th>No.</th><th>Frequency (MHz)</th><th>Reading (dBUV)</th><th>Factor (dB/m)</th><th>Level (dBUV/m)</th><th>Limit (dBUV/m)</th><th>Margin (dB)</th><th>Detector</th></tr><tr><td>1</td><td>4873.351</td><td>47.67</td><td>2.09</td><td>49.76</td><td>74.00</td><td>-24.24</td><td>peak</td></tr><tr><td>2 *</td><td>4873.784</td><td>34.00</td><td>2.09</td><td>36.09</td><td>54.00</td><td>-17.91</td><td>AVG</td></tr></table>								No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	1	4873.351	47.67	2.09	49.76	74.00	-24.24	peak	2 *	4873.784	34.00	2.09	36.09	54.00	-17.91	AVG
No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector																								
1	4873.351	47.67	2.09	49.76	74.00	-24.24	peak																								
2 *	4873.784	34.00	2.09	36.09	54.00	-17.91	AVG																								
Remarks: 1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor 2.Margin value = Level -Limit value																															



Ant. No.	MIMO																														
Ant. Pol.	Horizontal																														
Test Mode:	TX 802.11n(HT20) Mode 2462MHz																														
Remark:	No report for the emission which more than 20 dB below the prescribed limit.																														
<table><tr><th>No.</th><th>Frequency (MHz)</th><th>Reading (dBUV)</th><th>Factor (dB/m)</th><th>Level (dBUV/m)</th><th>Limit (dBUV/m)</th><th>Margin (dB)</th><th>Detector</th></tr><tr><td>1 *</td><td>4924.529</td><td>24.89</td><td>2.16</td><td>27.05</td><td>54.00</td><td>-26.95</td><td>AVG</td></tr><tr><td>2</td><td>4924.681</td><td>39.62</td><td>2.16</td><td>41.78</td><td>74.00</td><td>-32.22</td><td>peak</td></tr></table>								No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	1 *	4924.529	24.89	2.16	27.05	54.00	-26.95	AVG	2	4924.681	39.62	2.16	41.78	74.00	-32.22	peak
No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector																								
1 *	4924.529	24.89	2.16	27.05	54.00	-26.95	AVG																								
2	4924.681	39.62	2.16	41.78	74.00	-32.22	peak																								
Remarks: 1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor 2.Margin value = Level -Limit value																															

Ant. No.	MIMO																														
Ant. Pol.	Vertical																														
Test Mode:	TX 802.11n(HT20) Mode 2462MHz																														
Remark:	No report for the emission which more than 20 dB below the prescribed limit.																														
<table><tr><th>No.</th><th>Frequency (MHz)</th><th>Reading (dBUV)</th><th>Factor (dB/m)</th><th>Level (dBUV/m)</th><th>Limit (dBUV/m)</th><th>Margin (dB)</th><th>Detector</th></tr><tr><td>1 *</td><td>4923.751</td><td>34.97</td><td>2.16</td><td>37.13</td><td>54.00</td><td>-16.87</td><td>AVG</td></tr><tr><td>2</td><td>4923.796</td><td>46.98</td><td>2.16</td><td>49.14</td><td>74.00</td><td>-24.86</td><td>peak</td></tr></table>								No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	1 *	4923.751	34.97	2.16	37.13	54.00	-16.87	AVG	2	4923.796	46.98	2.16	49.14	74.00	-24.86	peak
No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector																								
1 *	4923.751	34.97	2.16	37.13	54.00	-16.87	AVG																								
2	4923.796	46.98	2.16	49.14	74.00	-24.86	peak																								
Remarks: 1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor 2.Margin value = Level -Limit value																															



Ant. No.	MIMO						
Ant. Pol.	Horizontal						
Test Mode:	TX 802.11n(HT40) Mode 2422MHz						
Remark:	No report for the emission which more than 20 dB below the prescribed limit.						

Ant. No.	MIMO																														
Ant. Pol.	Vertical																														
Test Mode:	TX 802.11n(HT40) Mode 2422MHz																														
Remark:	No report for the emission which more than 20 dB below the prescribed limit.																														
<table><tr><th>No.</th><th>Frequency (MHz)</th><th>Reading (dBUV)</th><th>Factor (dB/m)</th><th>Level (dBUV/m)</th><th>Limit (dBUV/m)</th><th>Margin (dB)</th><th>Detector</th></tr><tr><td>1 *</td><td>4843.881</td><td>28.80</td><td>2.05</td><td>30.85</td><td>54.00</td><td>-23.15</td><td>AVG</td></tr><tr><td>2</td><td>4844.790</td><td>42.31</td><td>2.05</td><td>44.36</td><td>74.00</td><td>-29.64</td><td>peak</td></tr></table>								No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	1 *	4843.881	28.80	2.05	30.85	54.00	-23.15	AVG	2	4844.790	42.31	2.05	44.36	74.00	-29.64	peak
No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector																								
1 *	4843.881	28.80	2.05	30.85	54.00	-23.15	AVG																								
2	4844.790	42.31	2.05	44.36	74.00	-29.64	peak																								
Remarks: 1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor 2.Margin value = Level -Limit value																															



Ant. No.	MIMO																														
Ant. Pol.	Horizontal																														
Test Mode:	TX 802.11n(HT40) Mode 2437MHz																														
Remark:	No report for the emission which more than 20 dB below the prescribed limit.																														
<table><tr><th>No.</th><th>Frequency (MHz)</th><th>Reading (dBUV)</th><th>Factor (dB/m)</th><th>Level (dBUV/m)</th><th>Limit (dBUV/m)</th><th>Margin (dB)</th><th>Detector</th></tr><tr><td>1</td><td>4873.693</td><td>40.40</td><td>2.09</td><td>42.49</td><td>74.00</td><td>-31.51</td><td>peak</td></tr><tr><td>2 *</td><td>4874.507</td><td>25.53</td><td>2.09</td><td>27.62</td><td>54.00</td><td>-26.38</td><td>AVG</td></tr></table>								No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	1	4873.693	40.40	2.09	42.49	74.00	-31.51	peak	2 *	4874.507	25.53	2.09	27.62	54.00	-26.38	AVG
No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector																								
1	4873.693	40.40	2.09	42.49	74.00	-31.51	peak																								
2 *	4874.507	25.53	2.09	27.62	54.00	-26.38	AVG																								
Remarks: 1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor 2.Margin value = Level -Limit value																															

Ant. No.	MIMO						
Ant. Pol.	Vertical						
Test Mode:	TX 802.11n(HT40) Mode 2437MHz						
Remark:	No report for the emission which more than 20 dB below the prescribed limit.						



Ant. No.	MIMO																														
Ant. Pol.	Horizontal																														
Test Mode:	TX 802.11n(HT40) Mode 2452MHz																														
Remark:	No report for the emission which more than 20 dB below the prescribed limit.																														
<table><tr><th>No.</th><th>Frequency (MHz)</th><th>Reading (dBUV)</th><th>Factor (dB/m)</th><th>Level (dBUV/m)</th><th>Limit (dBUV/m)</th><th>Margin (dB)</th><th>Detector</th></tr><tr><td>1</td><td>4903.537</td><td>39.57</td><td>2.13</td><td>41.70</td><td>74.00</td><td>-32.30</td><td>peak</td></tr><tr><td>2 *</td><td>4904.865</td><td>25.78</td><td>2.13</td><td>27.91</td><td>54.00</td><td>-26.09</td><td>AVG</td></tr></table>								No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	1	4903.537	39.57	2.13	41.70	74.00	-32.30	peak	2 *	4904.865	25.78	2.13	27.91	54.00	-26.09	AVG
No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector																								
1	4903.537	39.57	2.13	41.70	74.00	-32.30	peak																								
2 *	4904.865	25.78	2.13	27.91	54.00	-26.09	AVG																								
Remarks: 1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor 2.Margin value = Level -Limit value																															

Ant. No.	MIMO																														
Ant. Pol.	Vertical																														
Test Mode:	TX 802.11n(HT40) Mode 2452MHz																														
Remark:	No report for the emission which more than 20 dB below the prescribed limit.																														
<table><tr><th>No.</th><th>Frequency (MHz)</th><th>Reading (dBUV)</th><th>Factor (dB/m)</th><th>Level (dBUV/m)</th><th>Limit (dBUV/m)</th><th>Margin (dB)</th><th>Detector</th></tr><tr><td>1 *</td><td>4904.173</td><td>26.01</td><td>2.13</td><td>28.14</td><td>54.00</td><td>-25.86</td><td>AVG</td></tr><tr><td>2</td><td>4904.783</td><td>40.54</td><td>2.13</td><td>42.67</td><td>74.00</td><td>-31.33</td><td>peak</td></tr></table>								No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	1 *	4904.173	26.01	2.13	28.14	54.00	-25.86	AVG	2	4904.783	40.54	2.13	42.67	74.00	-31.33	peak
No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector																								
1 *	4904.173	26.01	2.13	28.14	54.00	-25.86	AVG																								
2	4904.783	40.54	2.13	42.67	74.00	-31.33	peak																								
Remarks: 1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor 2.Margin value = Level -Limit value																															



Ant. No.	MIMO																														
Ant. Pol.	Horizontal																														
Test Mode:	TX 802.11ax(HE20) Mode 2412MHz																														
Remark:	No report for the emission which more than 20 dB below the prescribed limit.																														
<table><tr><th>No.</th><th>Frequency (MHz)</th><th>Reading (dBuV)</th><th>Factor (dB/m)</th><th>Level (dBuV/m)</th><th>Limit (dBuV/m)</th><th>Margin (dB)</th><th>Detector</th></tr><tr><td>1</td><td>4823.125</td><td>41.94</td><td>2.01</td><td>43.95</td><td>74.00</td><td>-30.05</td><td>peak</td></tr><tr><td>2 *</td><td>4823.501</td><td>27.86</td><td>2.02</td><td>29.88</td><td>54.00</td><td>-24.12</td><td>AVG</td></tr></table>								No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	1	4823.125	41.94	2.01	43.95	74.00	-30.05	peak	2 *	4823.501	27.86	2.02	29.88	54.00	-24.12	AVG
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector																								
1	4823.125	41.94	2.01	43.95	74.00	-30.05	peak																								
2 *	4823.501	27.86	2.02	29.88	54.00	-24.12	AVG																								
Remarks: 1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor 2.Margin value = Level -Limit value																															

Ant. No.	MIMO						
Ant. Pol.	Vertical						
Test Mode:	TX 802.11ax(HE20) Mode 2412MHz						
Remark:	No report for the emission which more than 20 dB below the prescribed limit.						
No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector
1 *	4823.067	29.76	2.01	31.77	54.00	-22.23	AVG
2	4823.540	42.13	2.02	44.15	74.00	-29.85	peak
Remarks: 1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor 2.Margin value = Level -Limit value							



Ant. No.	MIMO																														
Ant. Pol.	Horizontal																														
Test Mode:	TX 802.11ax(HE20) Mode 2437MHz																														
Remark:	No report for the emission which more than 20 dB below the prescribed limit.																														
<table><tr><th>No.</th><th>Frequency (MHz)</th><th>Reading (dBuV)</th><th>Factor (dB/m)</th><th>Level (dBuV/m)</th><th>Limit (dBuV/m)</th><th>Margin (dB)</th><th>Detector</th></tr><tr><td>1</td><td>4874.053</td><td>40.85</td><td>2.09</td><td>42.94</td><td>74.00</td><td>-31.06</td><td>peak</td></tr><tr><td>2 *</td><td>4874.397</td><td>25.55</td><td>2.09</td><td>27.64</td><td>54.00</td><td>-26.36</td><td>AVG</td></tr></table>								No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	1	4874.053	40.85	2.09	42.94	74.00	-31.06	peak	2 *	4874.397	25.55	2.09	27.64	54.00	-26.36	AVG
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector																								
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2 *	4874.397	25.55	2.09	27.64	54.00	-26.36	AVG																								
Remarks: 1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor 2.Margin value = Level -Limit value																															

Ant. No.	MIMO																														
Ant. Pol.	Vertical																														
Test Mode:	TX 802.11ax(HE20) Mode 2437MHz																														
Remark:	No report for the emission which more than 20 dB below the prescribed limit.																														
<table><tr><th>No.</th><th>Frequency (MHz)</th><th>Reading (dBUV)</th><th>Factor (dB/m)</th><th>Level (dBUV/m)</th><th>Limit (dBUV/m)</th><th>Margin (dB)</th><th>Detector</th></tr><tr><td>1 *</td><td>4873.679</td><td>33.78</td><td>2.09</td><td>35.87</td><td>54.00</td><td>-18.13</td><td>AVG</td></tr><tr><td>2</td><td>4874.396</td><td>47.31</td><td>2.09</td><td>49.40</td><td>74.00</td><td>-24.60</td><td>peak</td></tr></table>								No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	1 *	4873.679	33.78	2.09	35.87	54.00	-18.13	AVG	2	4874.396	47.31	2.09	49.40	74.00	-24.60	peak
No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector																								
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Ant. No.	MIMO						
Ant. Pol.	Horizontal						
Test Mode:	TX 802.11ax(HE20) Mode 2462MHz						
Remark:	No report for the emission which more than 20 dB below the prescribed limit.						

Ant. No.	MIMO																														
Ant. Pol.	Vertical																														
Test Mode:	TX 802.11ax(HE20) Mode 2462MHz																														
Remark:	No report for the emission which more than 20 dB below the prescribed limit.																														
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No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector																								
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Ant. No.	MIMO																														
Ant. Pol.	Horizontal																														
Test Mode:	TX 802.11ax(HE40) Mode 2422MHz																														
Remark:	No report for the emission which more than 20 dB below the prescribed limit.																														
<table><tr><th>No.</th><th>Frequency (MHz)</th><th>Reading (dBUV)</th><th>Factor (dB/m)</th><th>Level (dBUV/m)</th><th>Limit (dBUV/m)</th><th>Margin (dB)</th><th>Detector</th></tr><tr><td>1</td><td>4843.392</td><td>40.41</td><td>2.05</td><td>42.46</td><td>74.00</td><td>-31.54</td><td>peak</td></tr><tr><td>2 *</td><td>4843.678</td><td>27.30</td><td>2.05</td><td>29.35</td><td>54.00</td><td>-24.65</td><td>AVG</td></tr></table>								No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	1	4843.392	40.41	2.05	42.46	74.00	-31.54	peak	2 *	4843.678	27.30	2.05	29.35	54.00	-24.65	AVG
No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector																								
1	4843.392	40.41	2.05	42.46	74.00	-31.54	peak																								
2 *	4843.678	27.30	2.05	29.35	54.00	-24.65	AVG																								
Remarks: 1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor 2.Margin value = Level -Limit value																															

Ant. No.	MIMO																														
Ant. Pol.	Vertical																														
Test Mode:	TX 802.11ax(HE40) Mode 2422MHz																														
Remark:	No report for the emission which more than 20 dB below the prescribed limit.																														
<table><tr><th>No.</th><th>Frequency (MHz)</th><th>Reading (dBUV)</th><th>Factor (dB/m)</th><th>Level (dBUV/m)</th><th>Limit (dBUV/m)</th><th>Margin (dB)</th><th>Detector</th></tr><tr><td>1 *</td><td>4844.261</td><td>29.09</td><td>2.05</td><td>31.14</td><td>54.00</td><td>-22.86</td><td>AVG</td></tr><tr><td>2</td><td>4844.809</td><td>41.50</td><td>2.05</td><td>43.55</td><td>74.00</td><td>-30.45</td><td>peak</td></tr></table>								No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	1 *	4844.261	29.09	2.05	31.14	54.00	-22.86	AVG	2	4844.809	41.50	2.05	43.55	74.00	-30.45	peak
No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector																								
1 *	4844.261	29.09	2.05	31.14	54.00	-22.86	AVG																								
2	4844.809	41.50	2.05	43.55	74.00	-30.45	peak																								
Remarks: 1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor 2.Margin value = Level -Limit value																															



Ant. No.	MIMO																														
Ant. Pol.	Horizontal																														
Test Mode:	TX 802.11ax(HE40) Mode 2437MHz																														
Remark:	No report for the emission which more than 20 dB below the prescribed limit.																														
<table><tr><th>No.</th><th>Frequency (MHz)</th><th>Reading (dBUV)</th><th>Factor (dB/m)</th><th>Level (dBUV/m)</th><th>Limit (dBUV/m)</th><th>Margin (dB)</th><th>Detector</th></tr><tr><td>1 *</td><td>4873.838</td><td>27.87</td><td>2.09</td><td>29.96</td><td>54.00</td><td>-24.04</td><td>AVG</td></tr><tr><td>2</td><td>4874.624</td><td>41.31</td><td>2.09</td><td>43.40</td><td>74.00</td><td>-30.60</td><td>peak</td></tr></table>								No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	1 *	4873.838	27.87	2.09	29.96	54.00	-24.04	AVG	2	4874.624	41.31	2.09	43.40	74.00	-30.60	peak
No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector																								
1 *	4873.838	27.87	2.09	29.96	54.00	-24.04	AVG																								
2	4874.624	41.31	2.09	43.40	74.00	-30.60	peak																								
Remarks: 1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor 2.Margin value = Level -Limit value																															

Ant. No.	MIMO																														
Ant. Pol.	Vertical																														
Test Mode:	TX 802.11ax(HE40) Mode 2437MHz																														
Remark:	No report for the emission which more than 20 dB below the prescribed limit.																														
<table><tr><th>No.</th><th>Frequency (MHz)</th><th>Reading (dBUV)</th><th>Factor (dB/m)</th><th>Level (dBUV/m)</th><th>Limit (dBUV/m)</th><th>Margin (dB)</th><th>Detector</th></tr><tr><td>1</td><td>4873.823</td><td>44.07</td><td>2.09</td><td>46.16</td><td>74.00</td><td>-27.84</td><td>peak</td></tr><tr><td>2 *</td><td>4873.853</td><td>32.13</td><td>2.09</td><td>34.22</td><td>54.00</td><td>-19.78</td><td>AVG</td></tr></table>								No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	1	4873.823	44.07	2.09	46.16	74.00	-27.84	peak	2 *	4873.853	32.13	2.09	34.22	54.00	-19.78	AVG
No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector																								
1	4873.823	44.07	2.09	46.16	74.00	-27.84	peak																								
2 *	4873.853	32.13	2.09	34.22	54.00	-19.78	AVG																								
Remarks: 1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor 2.Margin value = Level -Limit value																															



Ant. No.	MIMO																														
Ant. Pol.	Horizontal																														
Test Mode:	TX 802.11ax(HE40) Mode 2452MHz																														
Remark:	No report for the emission which more than 20 dB below the prescribed limit.																														
<table><tr><th>No.</th><th>Frequency (MHz)</th><th>Reading (dBUV)</th><th>Factor (dB/m)</th><th>Level (dBUV/m)</th><th>Limit (dBUV/m)</th><th>Margin (dB)</th><th>Detector</th></tr><tr><td>1</td><td>4903.335</td><td>40.14</td><td>2.13</td><td>42.27</td><td>74.00</td><td>-31.73</td><td>peak</td></tr><tr><td>2 *</td><td>4904.191</td><td>27.37</td><td>2.13</td><td>29.50</td><td>54.00</td><td>-24.50</td><td>AVG</td></tr></table>								No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	1	4903.335	40.14	2.13	42.27	74.00	-31.73	peak	2 *	4904.191	27.37	2.13	29.50	54.00	-24.50	AVG
No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector																								
1	4903.335	40.14	2.13	42.27	74.00	-31.73	peak																								
2 *	4904.191	27.37	2.13	29.50	54.00	-24.50	AVG																								
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Ant. No.	MIMO																														
Ant. Pol.	Vertical																														
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<table><tr><th>No.</th><th>Frequency (MHz)</th><th>Reading (dBUV)</th><th>Factor (dB/m)</th><th>Level (dBUV/m)</th><th>Limit (dBUV/m)</th><th>Margin (dB)</th><th>Detector</th></tr><tr><td>1</td><td>4903.823</td><td>41.73</td><td>2.13</td><td>43.86</td><td>74.00</td><td>-30.14</td><td>peak</td></tr><tr><td>2 *</td><td>4904.139</td><td>29.31</td><td>2.13</td><td>31.44</td><td>54.00</td><td>-22.56</td><td>AVG</td></tr></table>								No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	1	4903.823	41.73	2.13	43.86	74.00	-30.14	peak	2 *	4904.139	29.31	2.13	31.44	54.00	-22.56	AVG
No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector																								
1	4903.823	41.73	2.13	43.86	74.00	-30.14	peak																								
2 *	4904.139	29.31	2.13	31.44	54.00	-22.56	AVG																								
Remarks: 1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor 2.Margin value = Level -Limit value																															

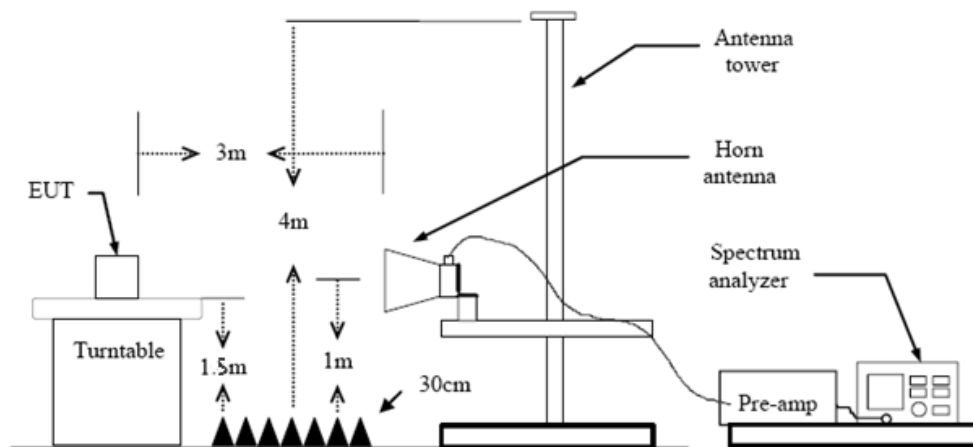
3.3. Band Edge Emissions (Radiated)

Limit

FCC CFR Title 47 Part 15 Subpart C Section 15.247 (d) / RSS-247 5.5

Restricted Frequency Band (MHz)	(dBμV/m) (at 3m)	
	Peak	Average
2310 ~ 2390	74	54
2483.5 ~ 2500	74	54

Test Configuration



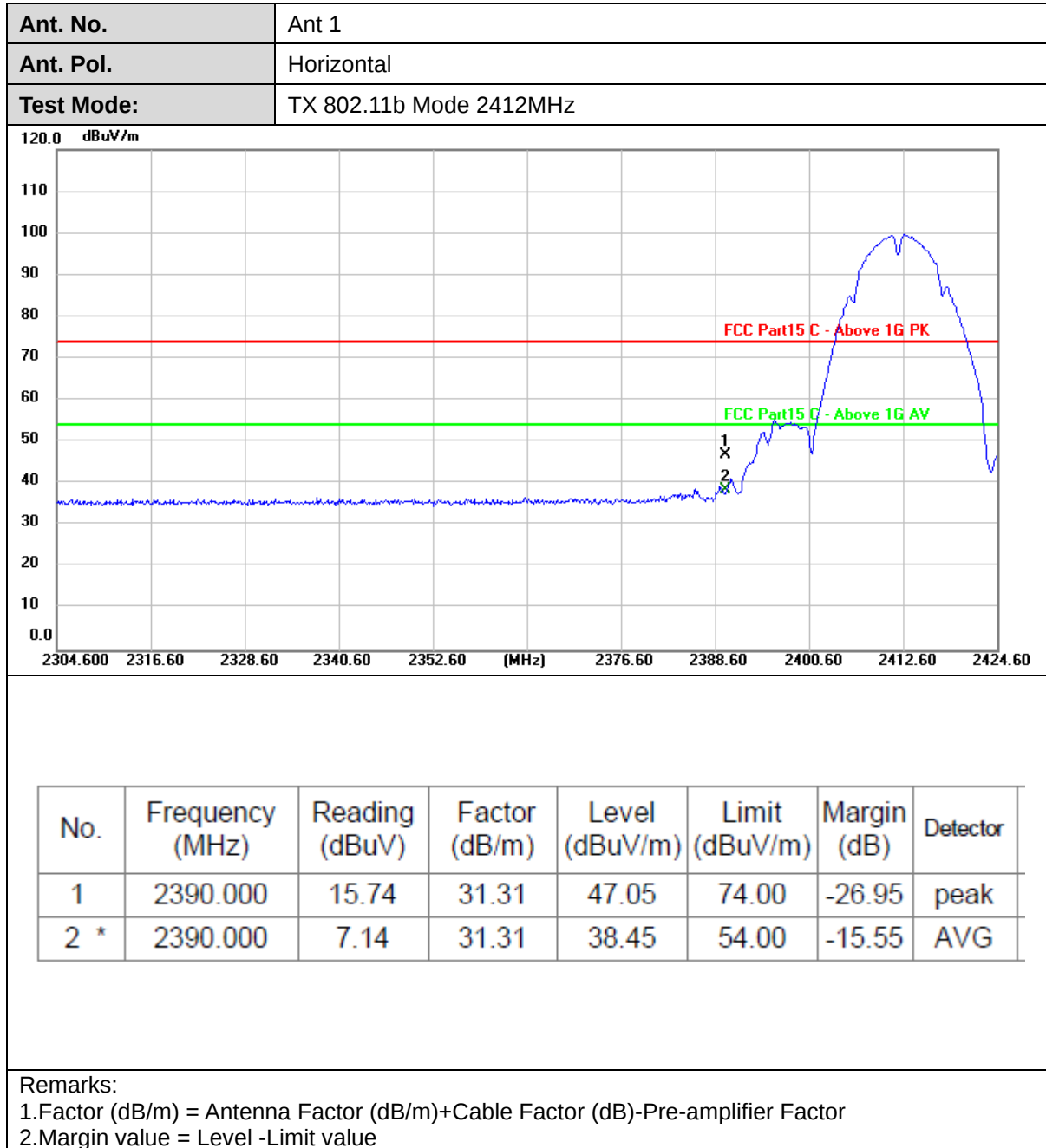
Test Procedure

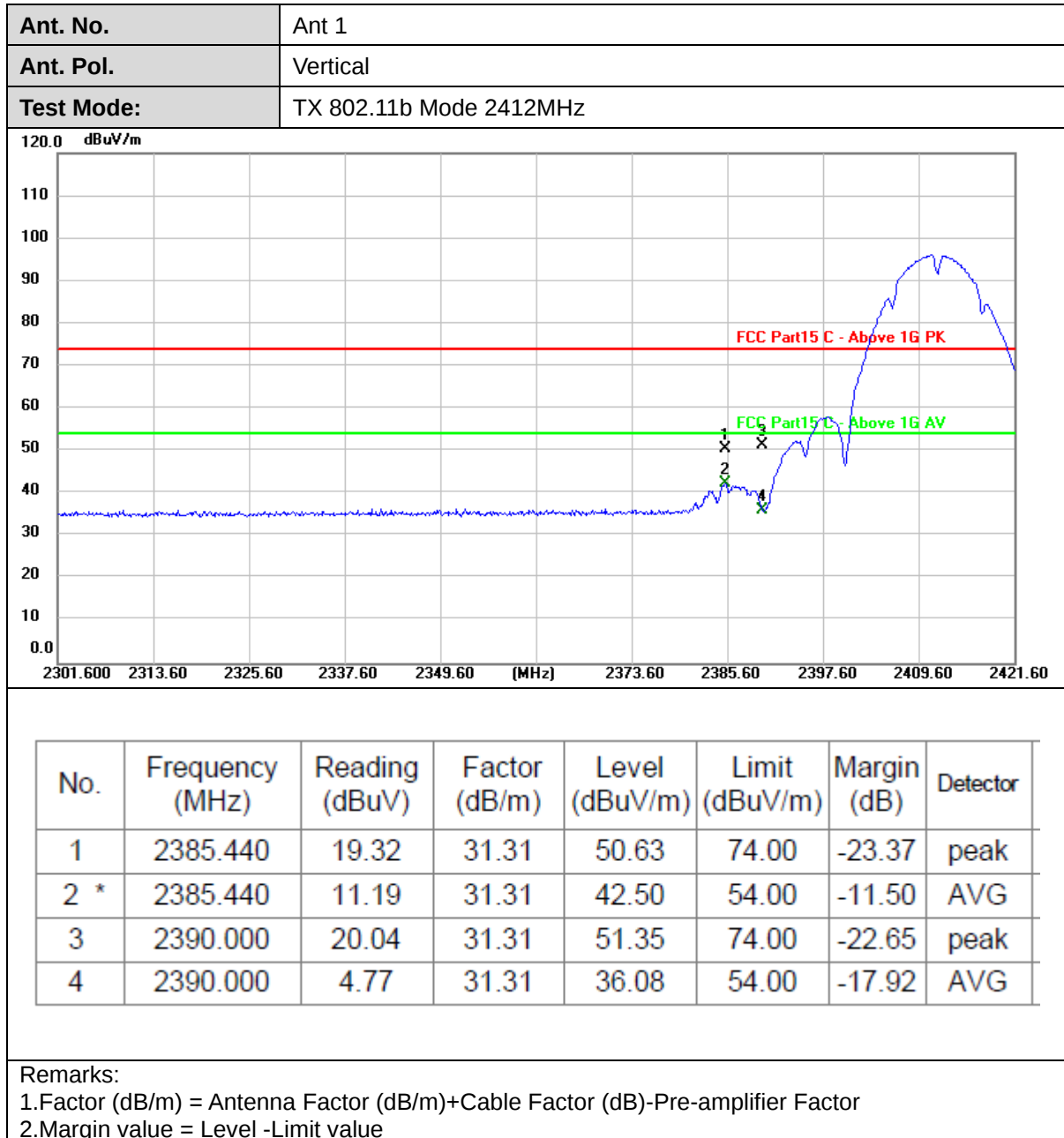
1. The EUT was setup and tested according to ANSI C63.10:2013 requirements.
2. The EUT is placed on a turn table which is 1.5 meter above ground. The turn table is rotated 360 degrees to determine the position of the maximum emission level.
3. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.
4. The antenna is scanned from 1 meter to 4 meters to find out the maximum emission level. This is repeated for both horizontal and vertical polarization of the antenna. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.10:2013 on radiated measurement.
5. The receiver set as follow:
RBW=1MHz, VBW=3MHz Peak detector for Peak value.
RBW=1MHz, VBW see note 1 with Peak Detector for Average Value.

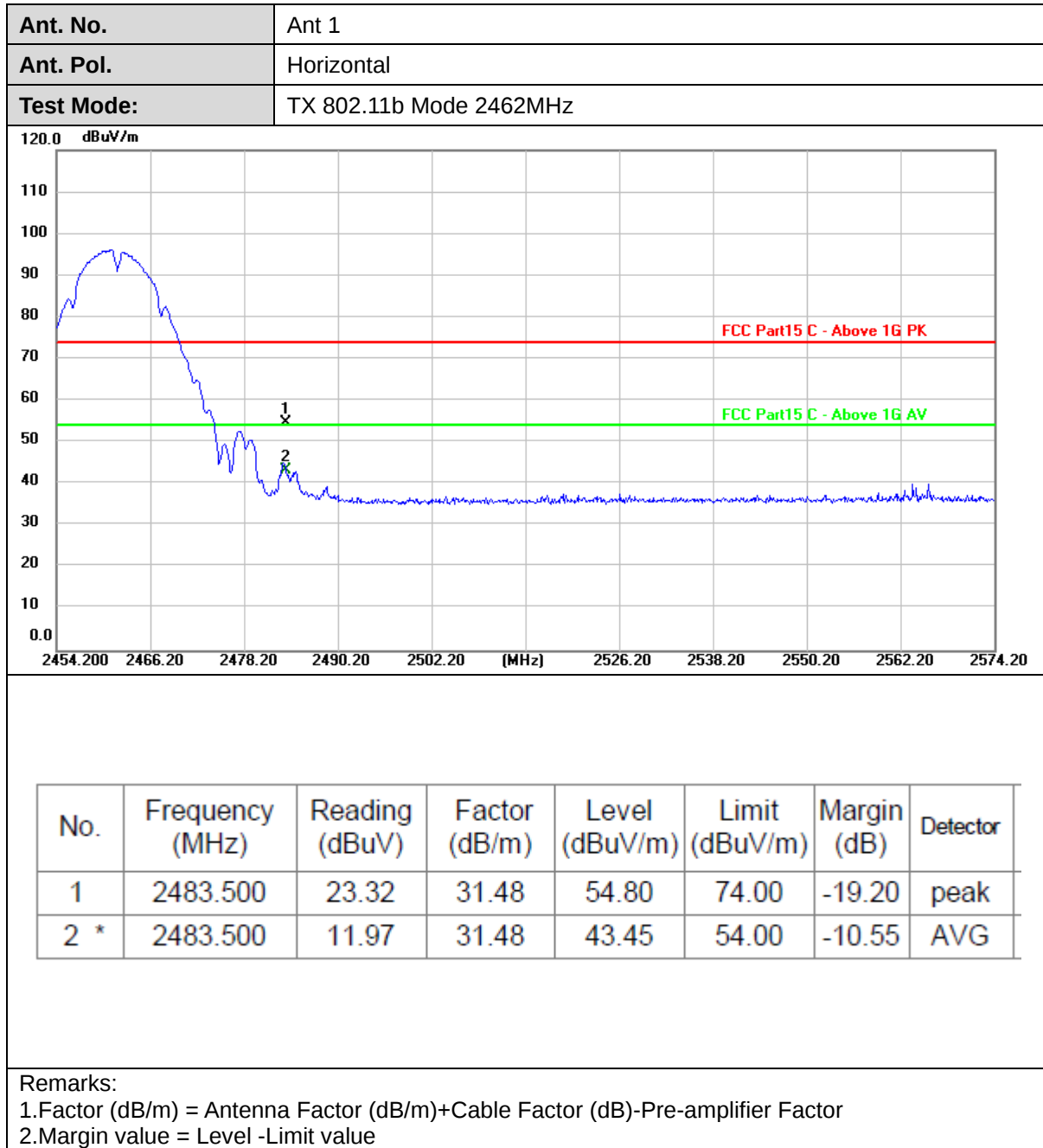
Note 1: For measurements above 1 GHz the resolution bandwidth is set to 1 MHz, then the video bandwidth is set to 3 MHz for peak measurements and 1 MHz resolution bandwidth with 1/T video bandwidth with peak detector for average measurements. For the Duty Cycle please refer to clause 3.8 Duty Cycle.

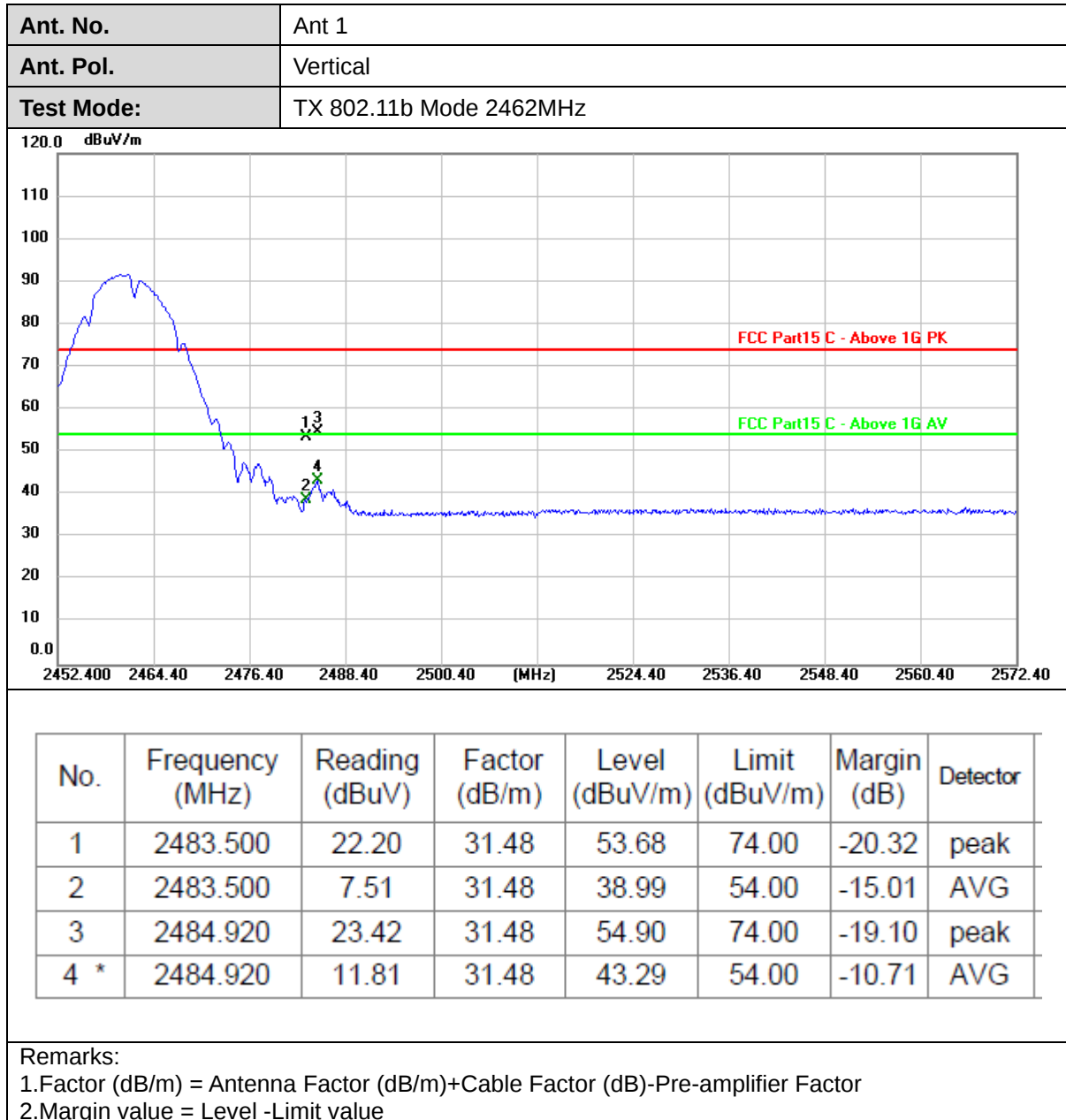
Test Mode

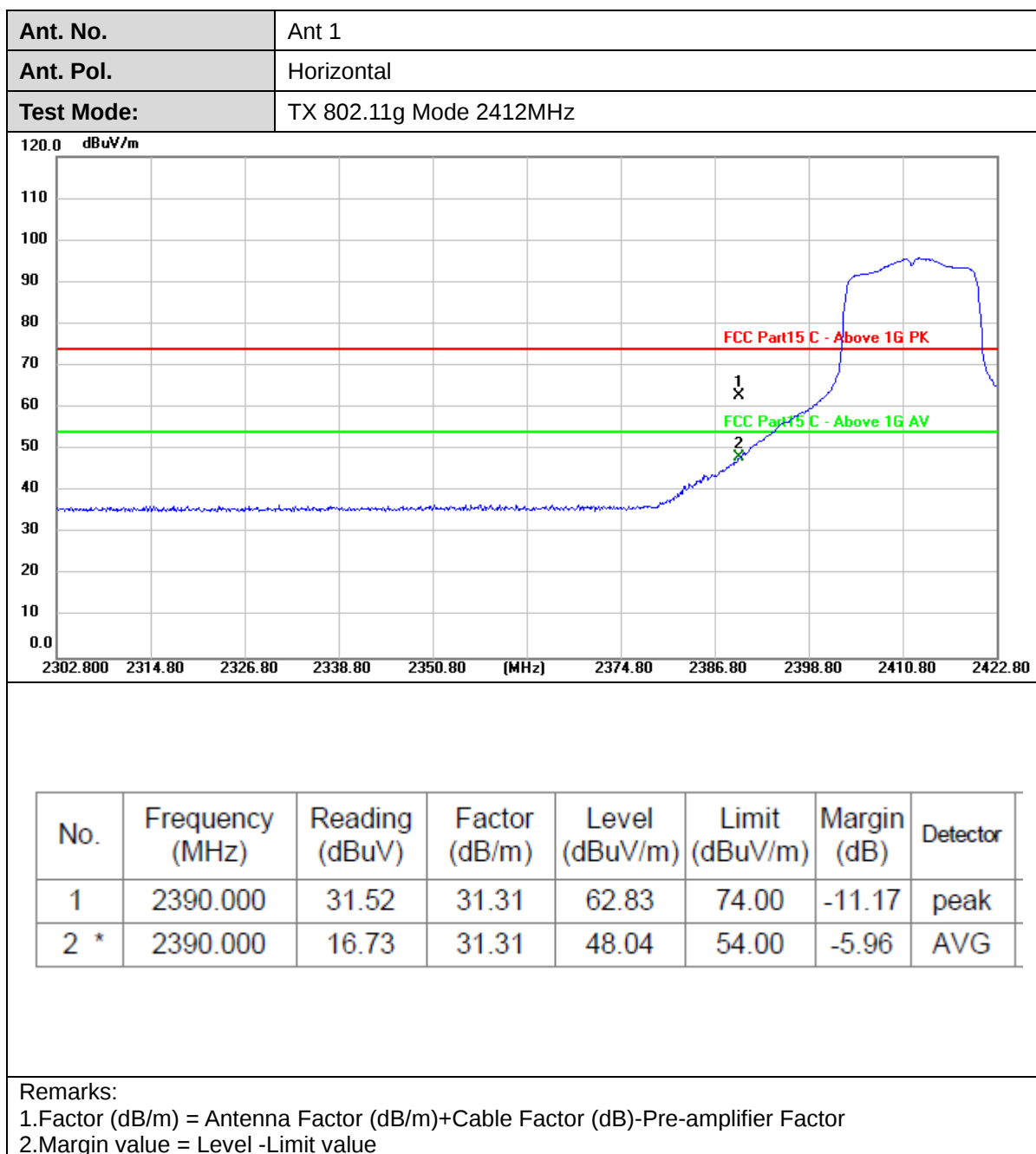
Please refer to the clause 2.4.

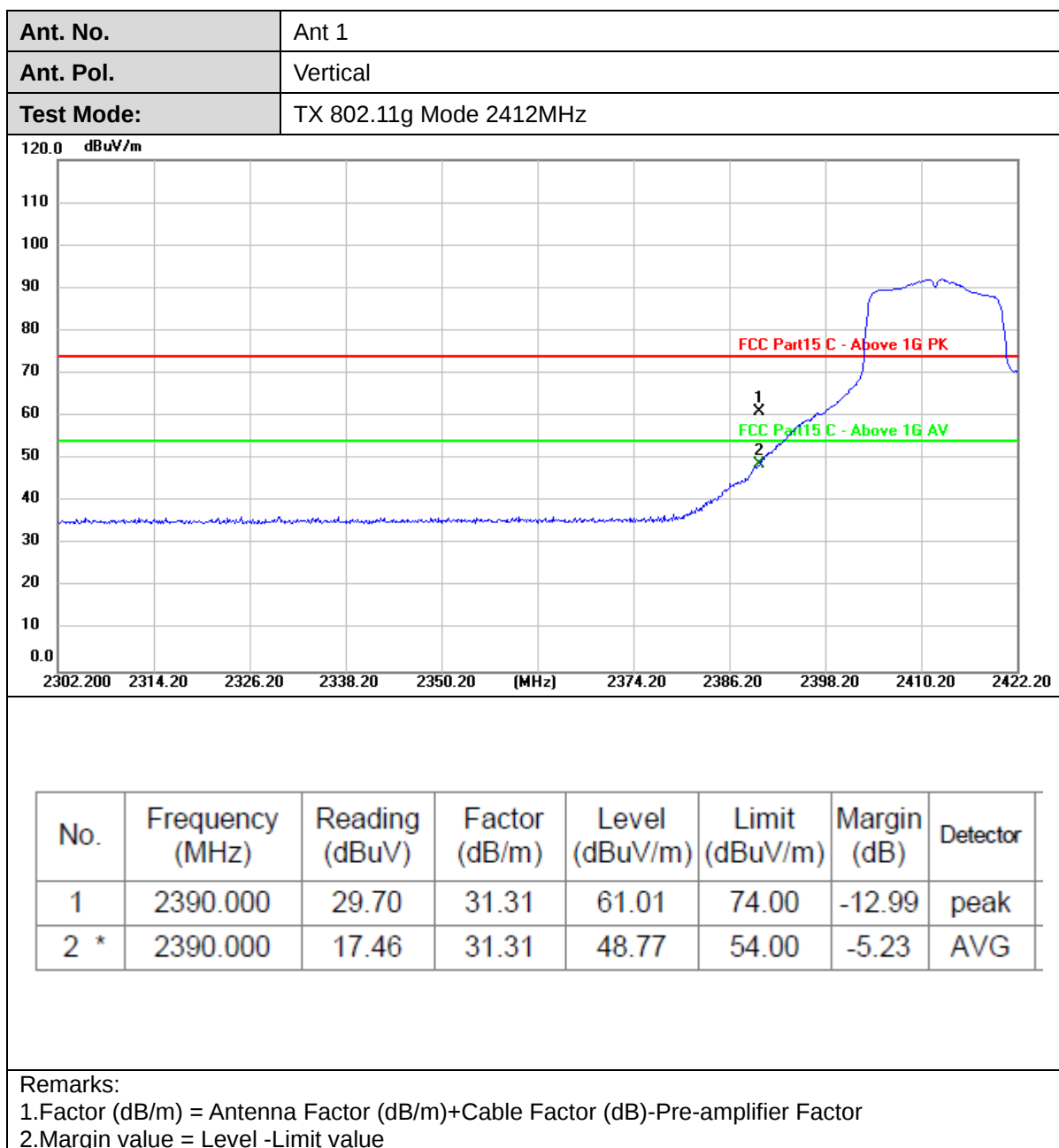
**Test Result**

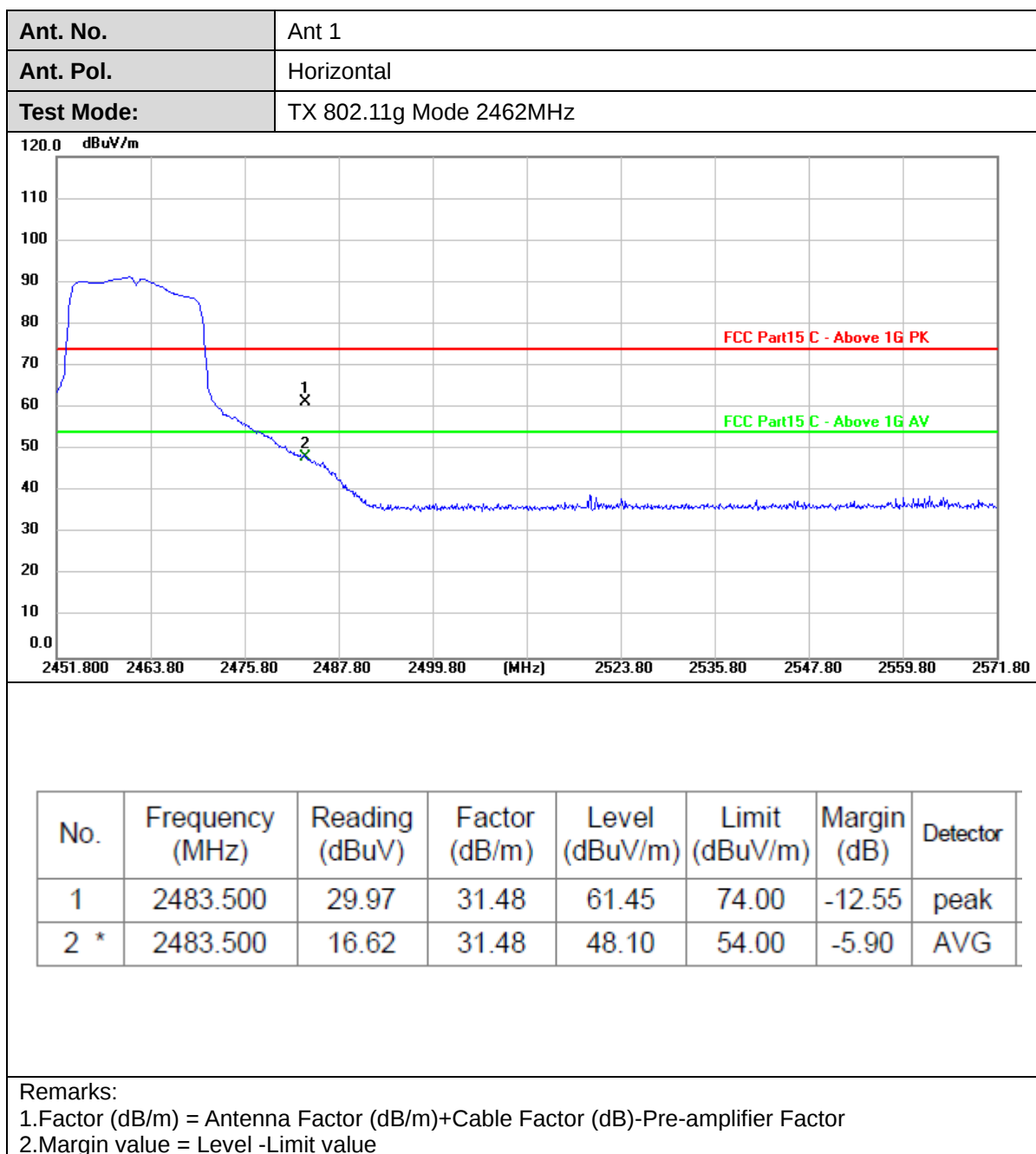


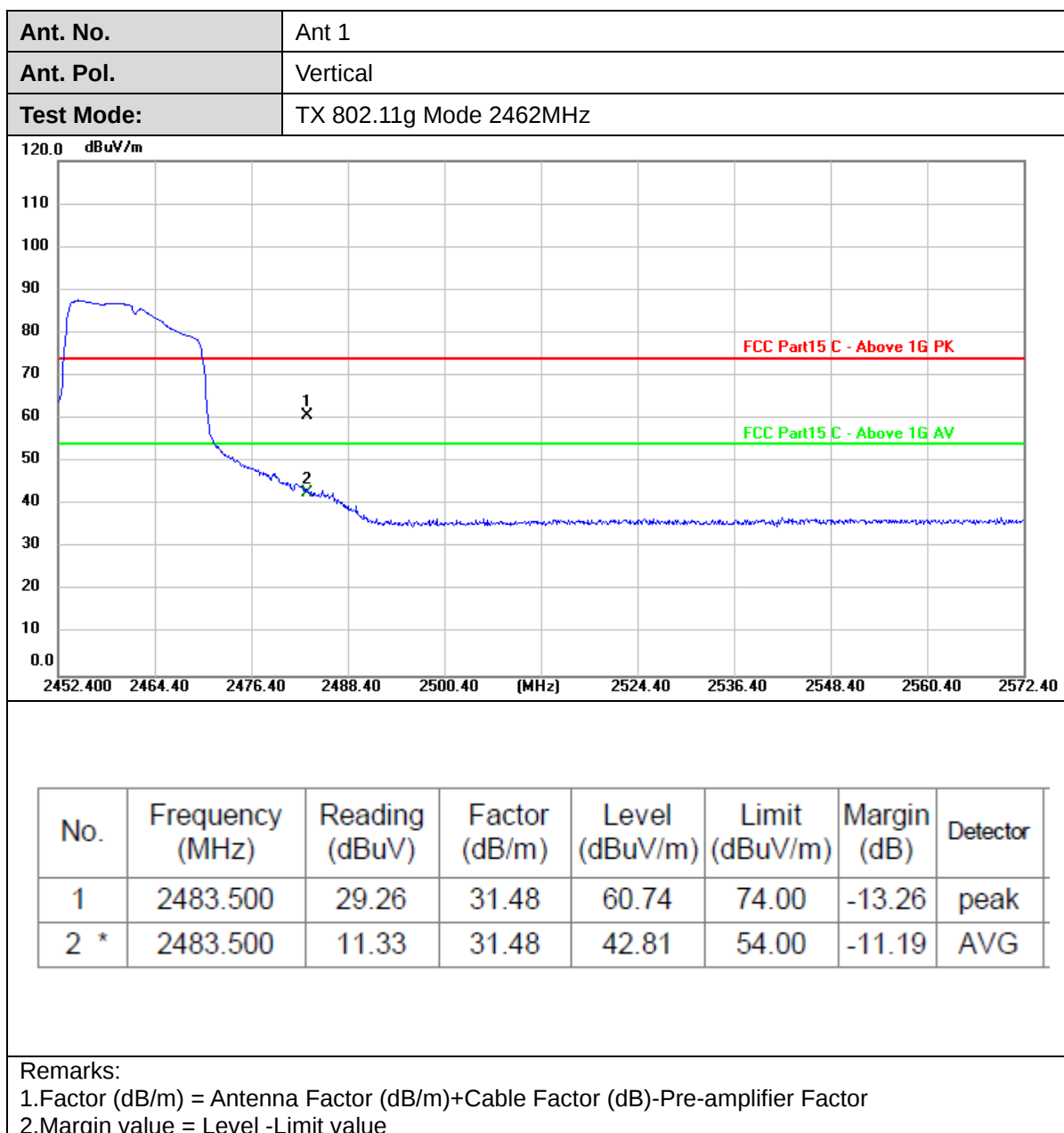


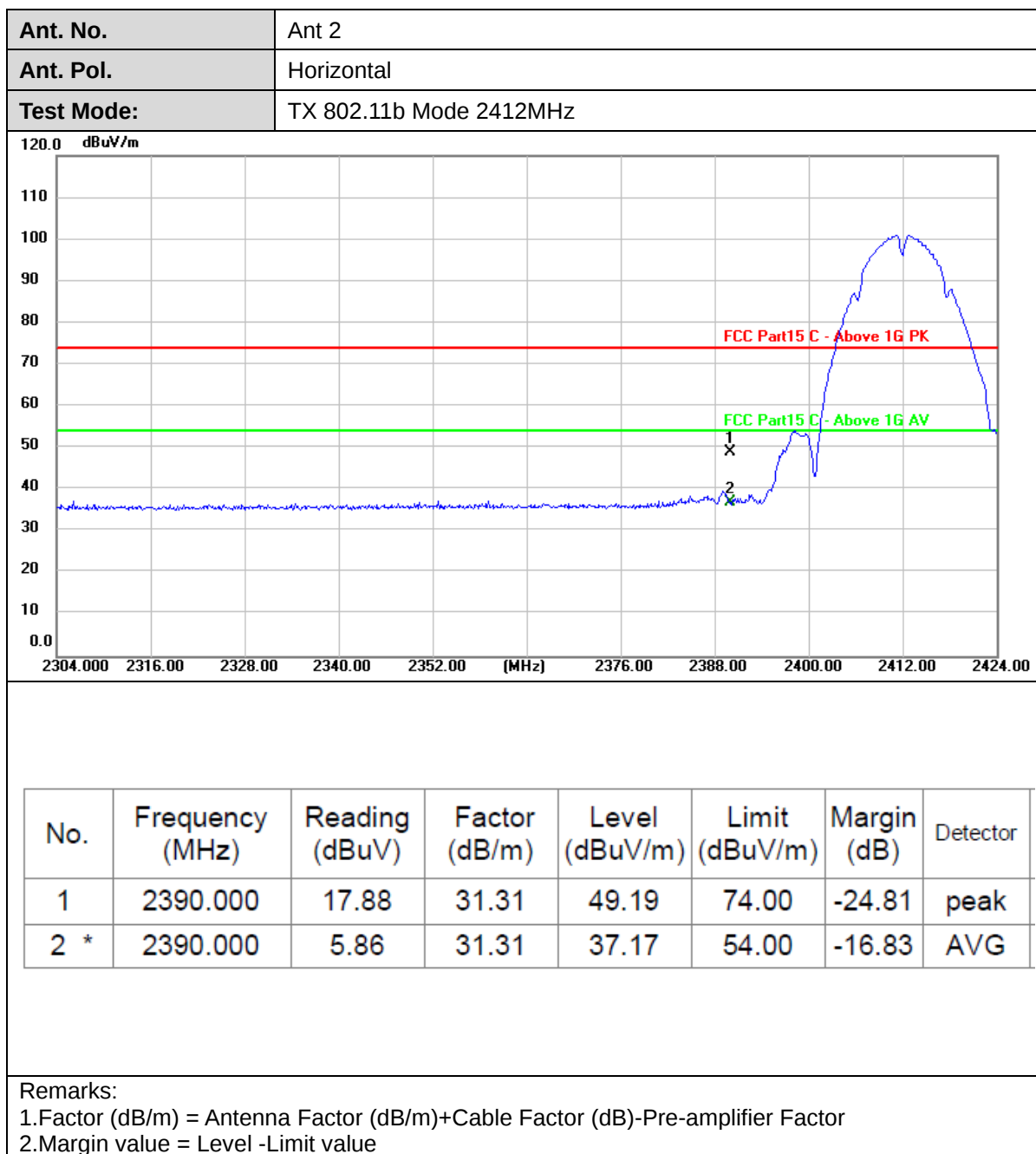


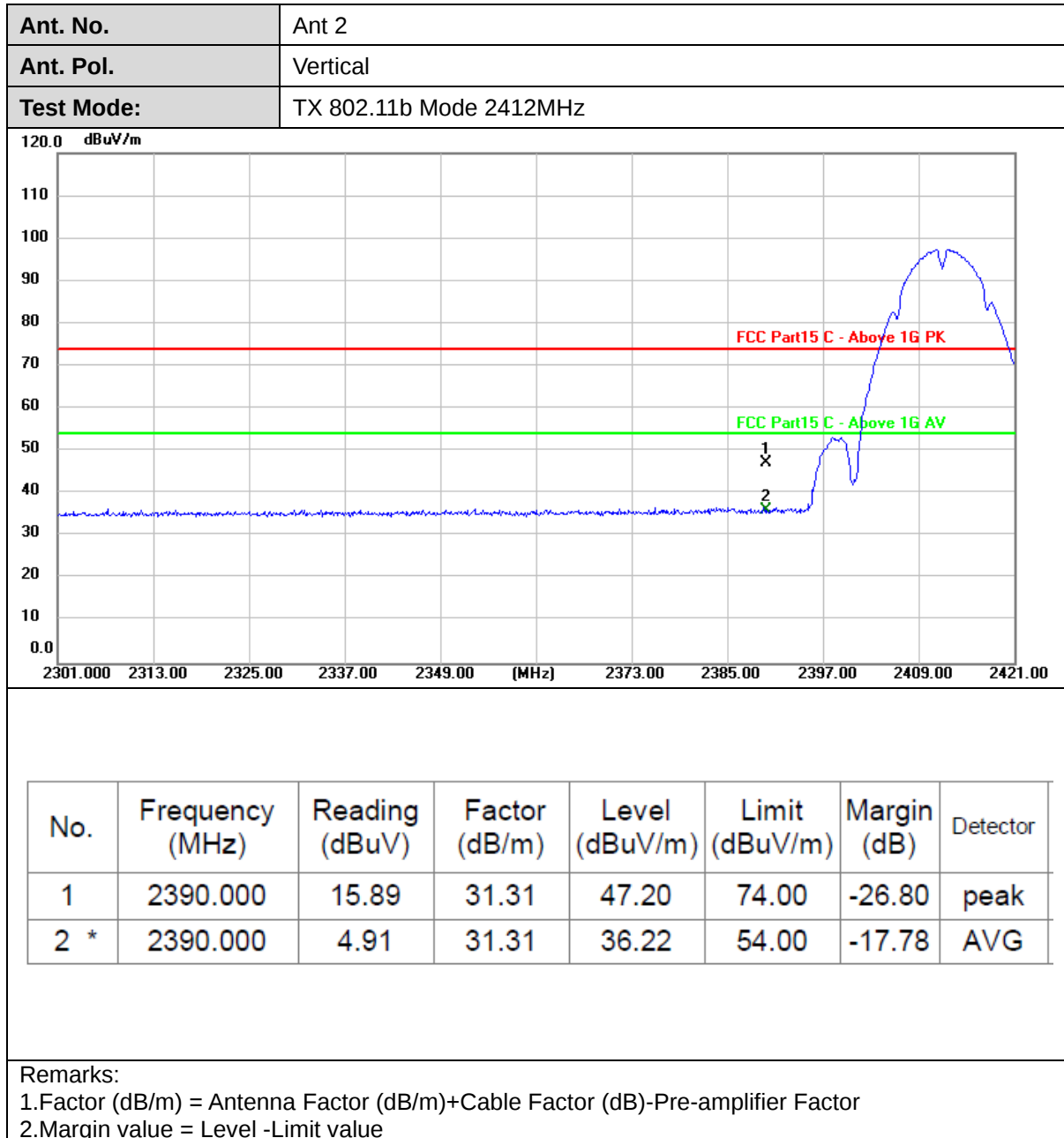


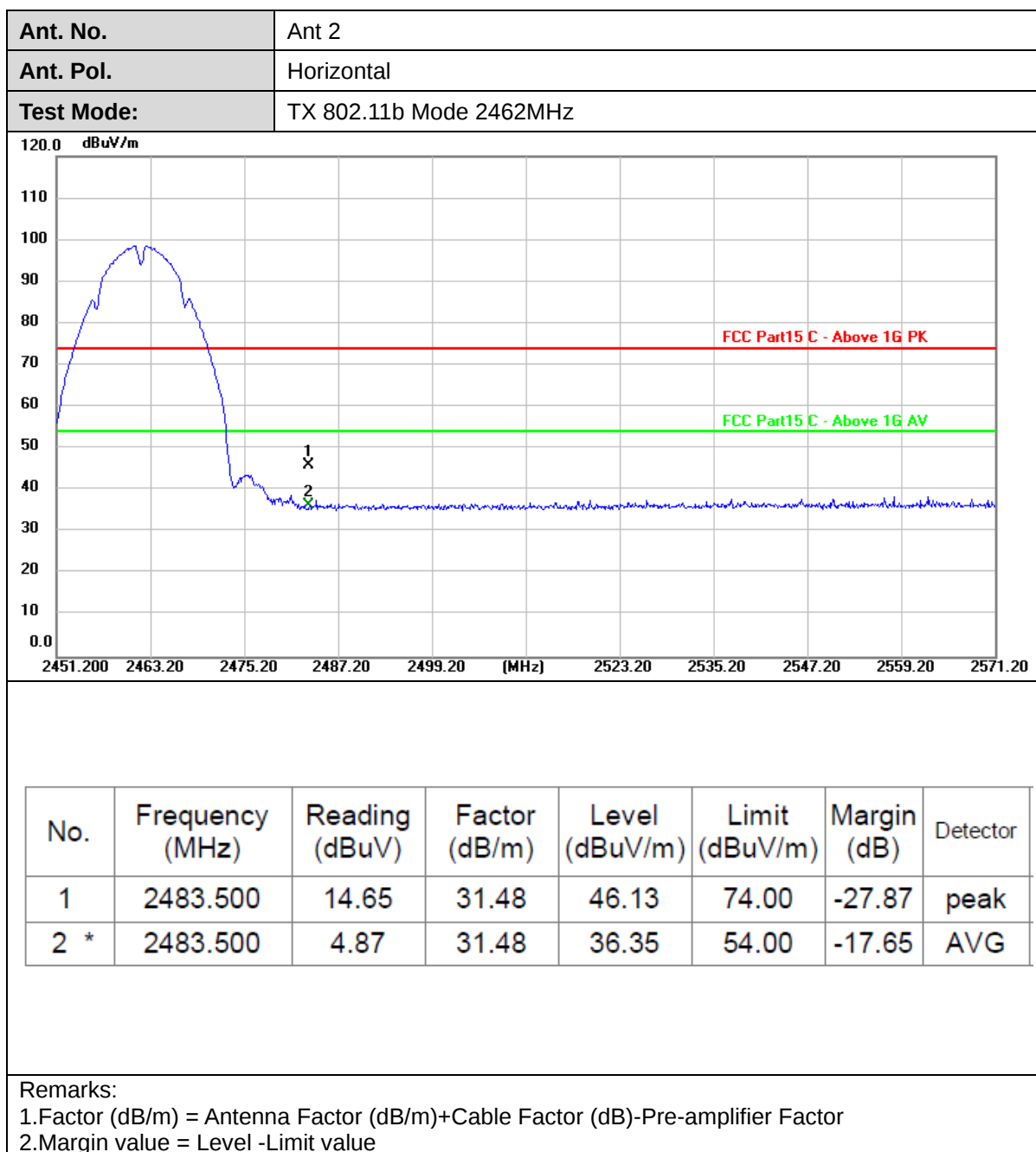


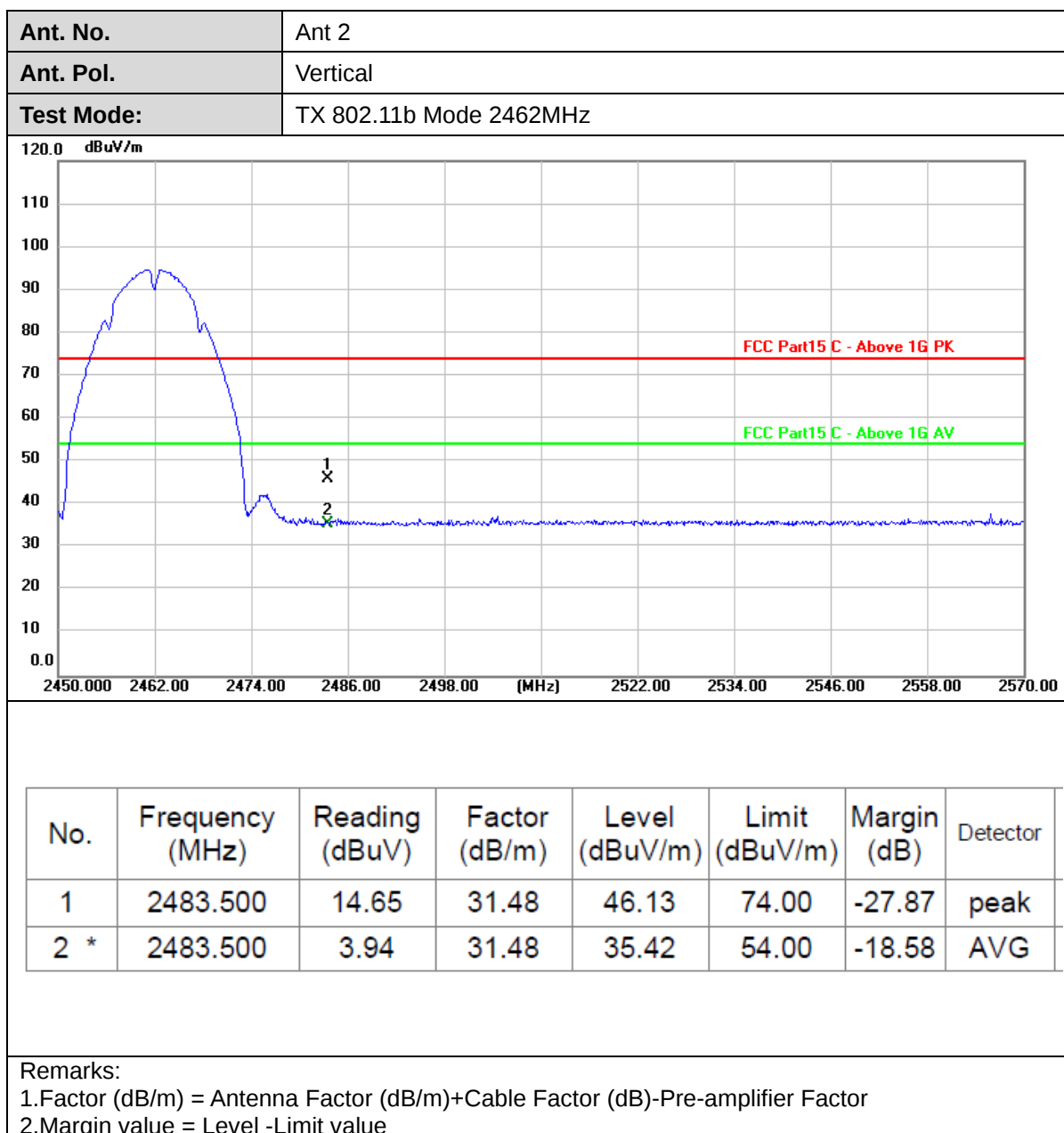


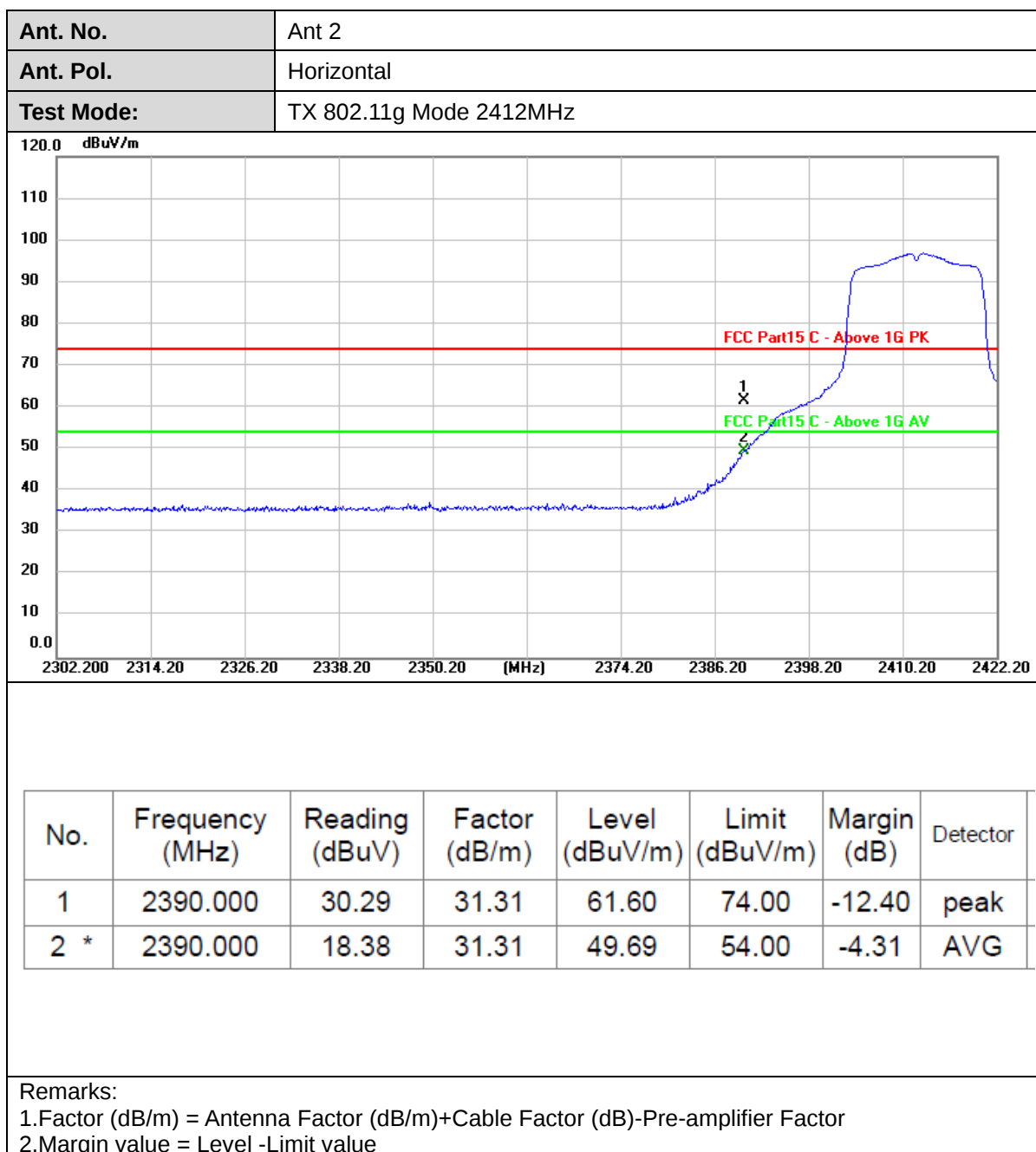


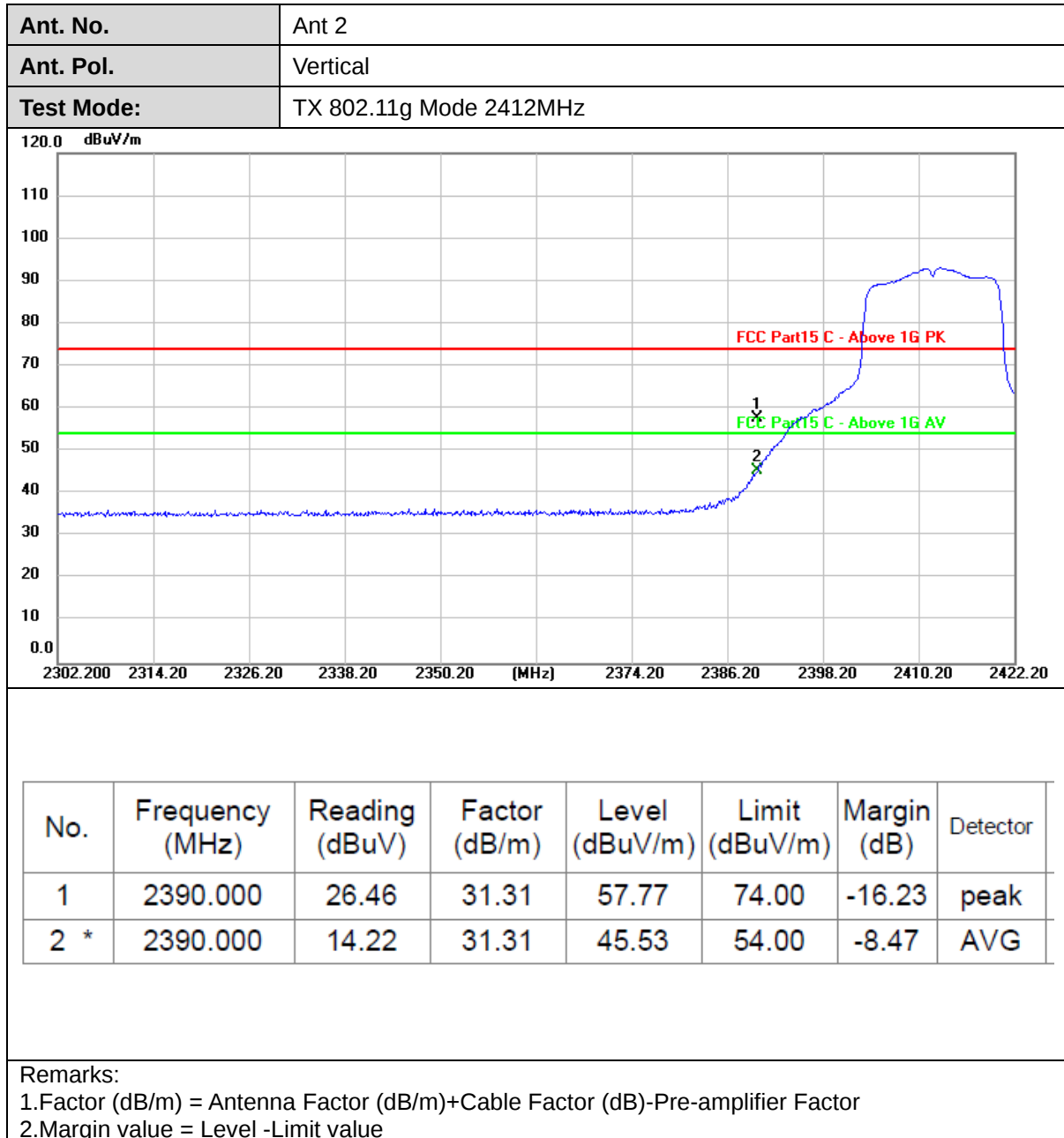


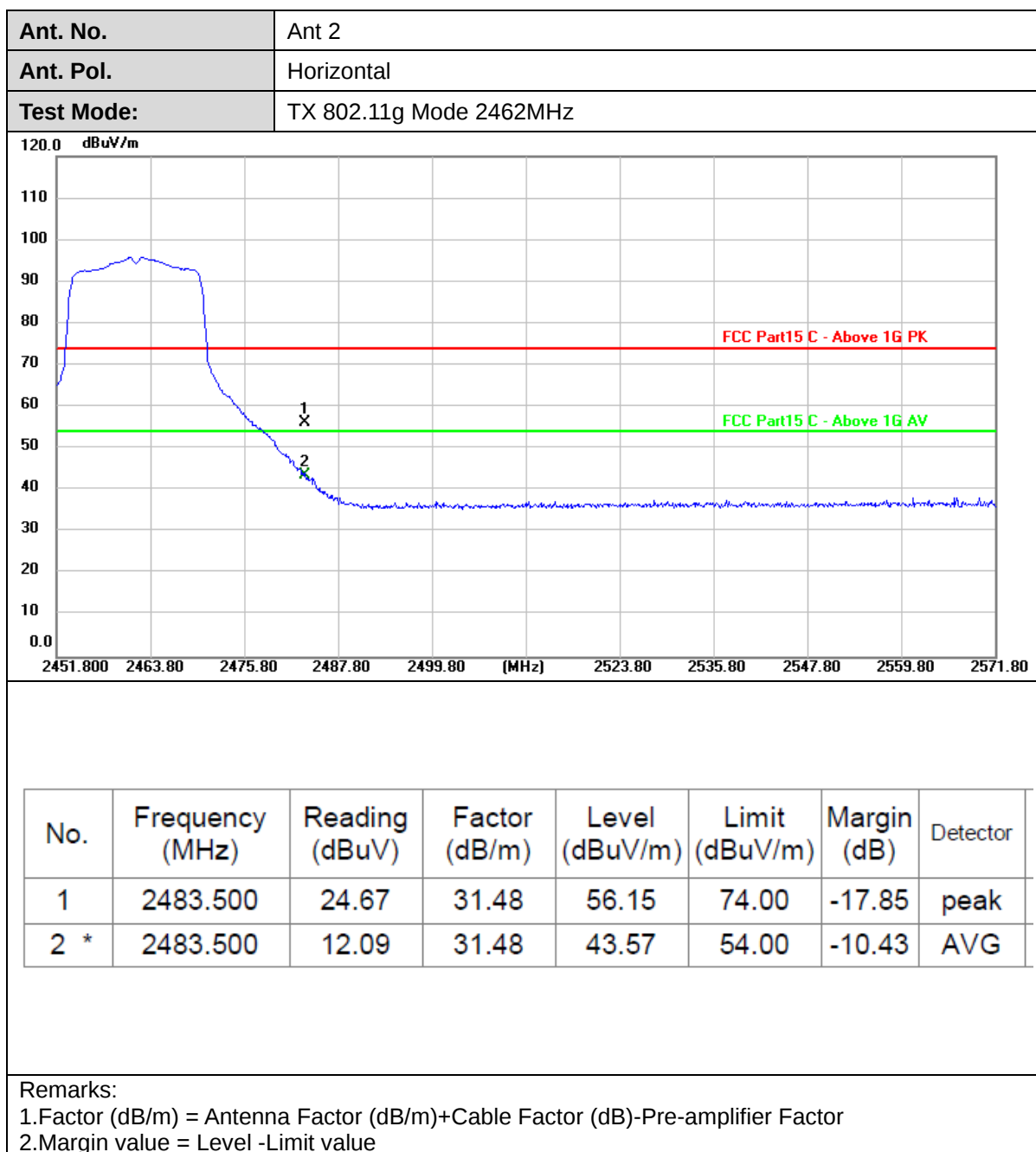


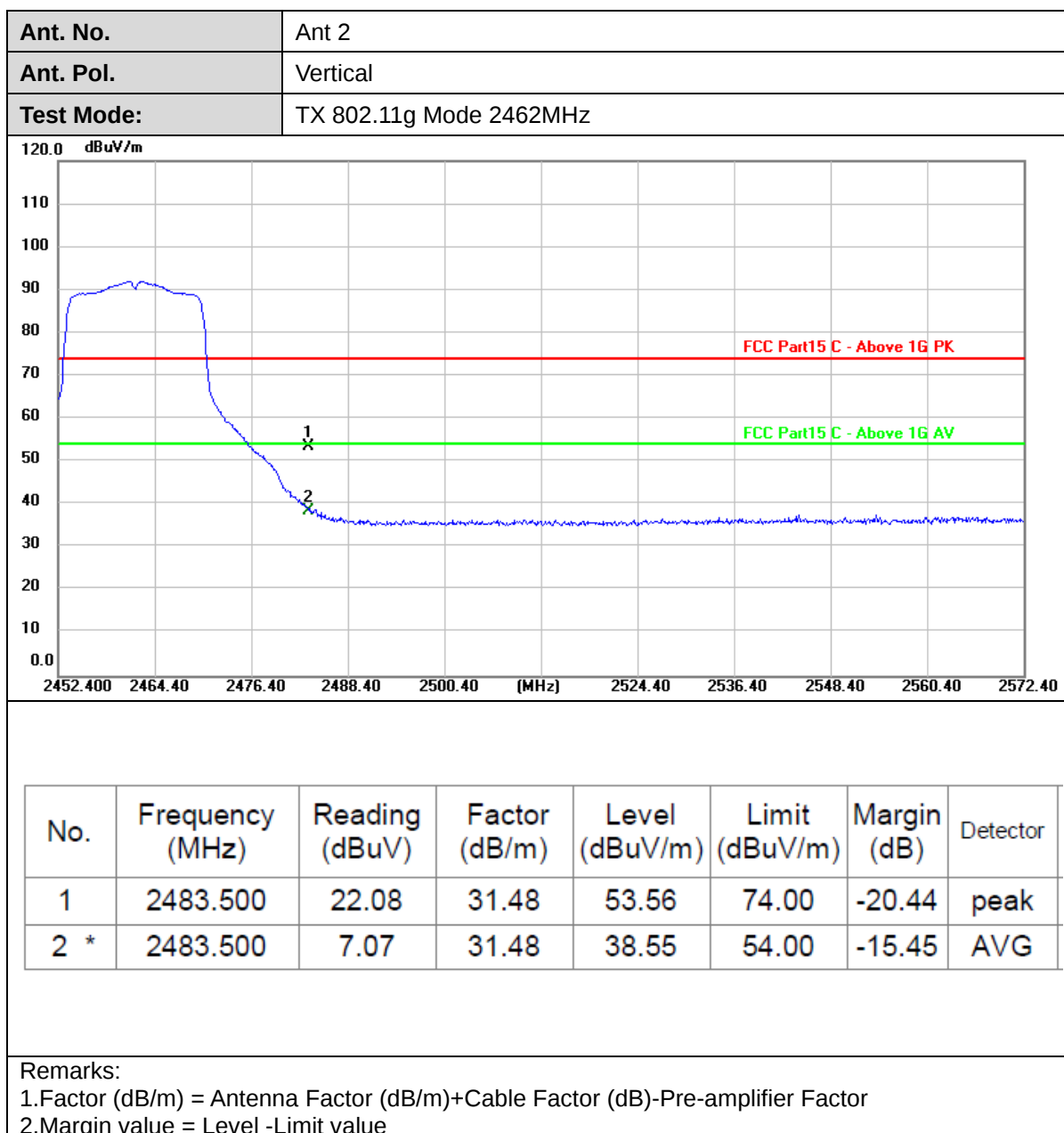


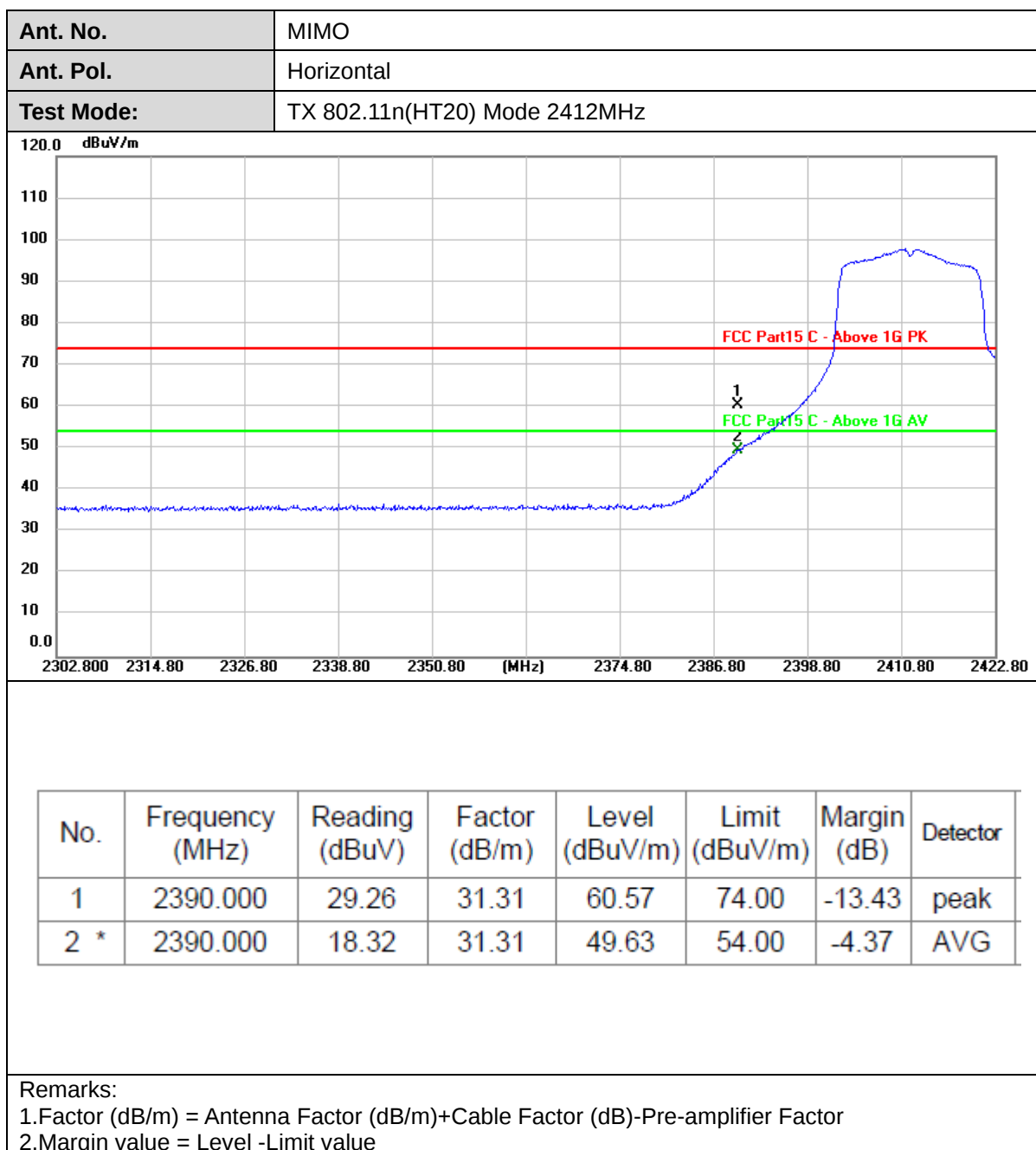


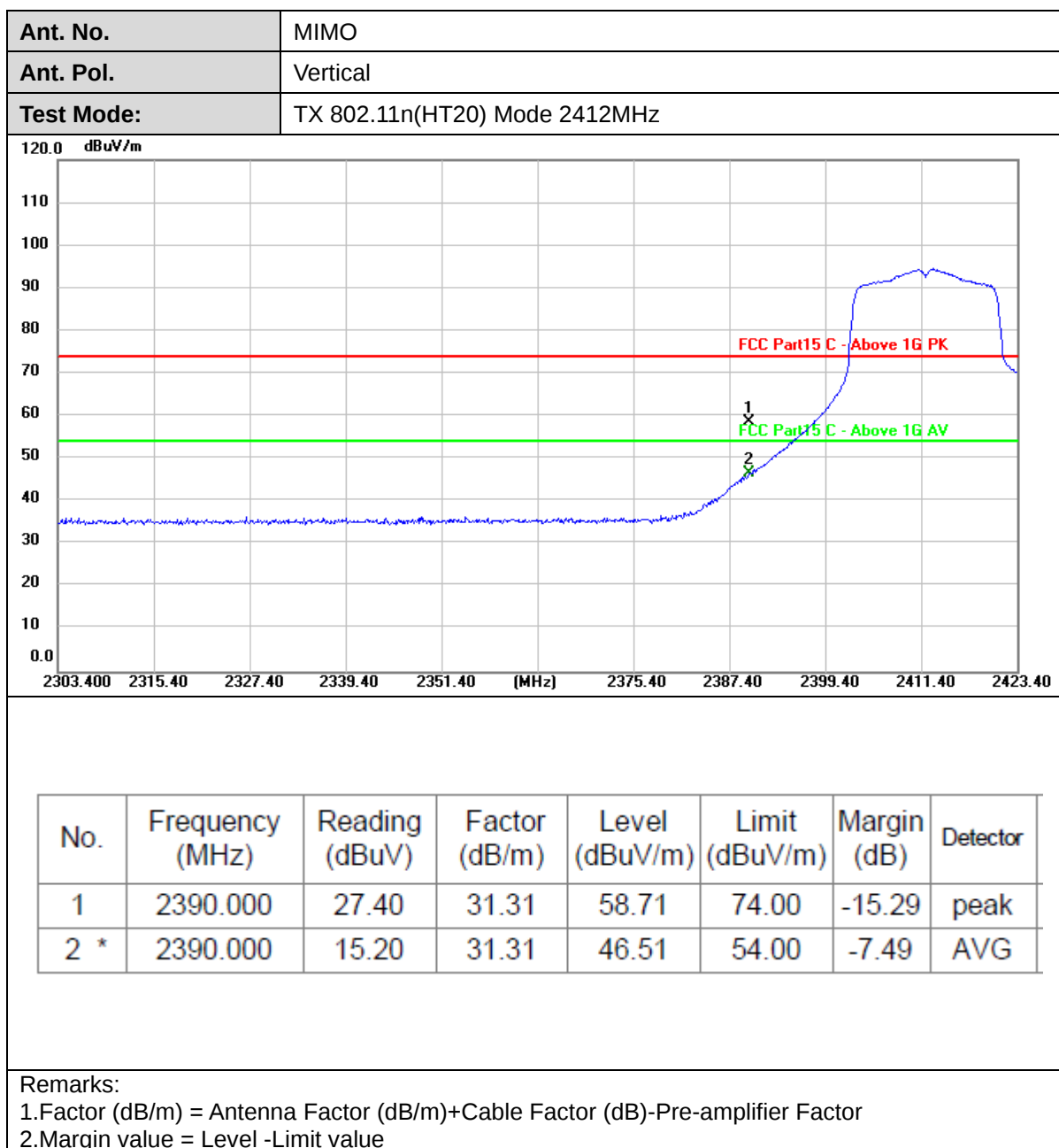


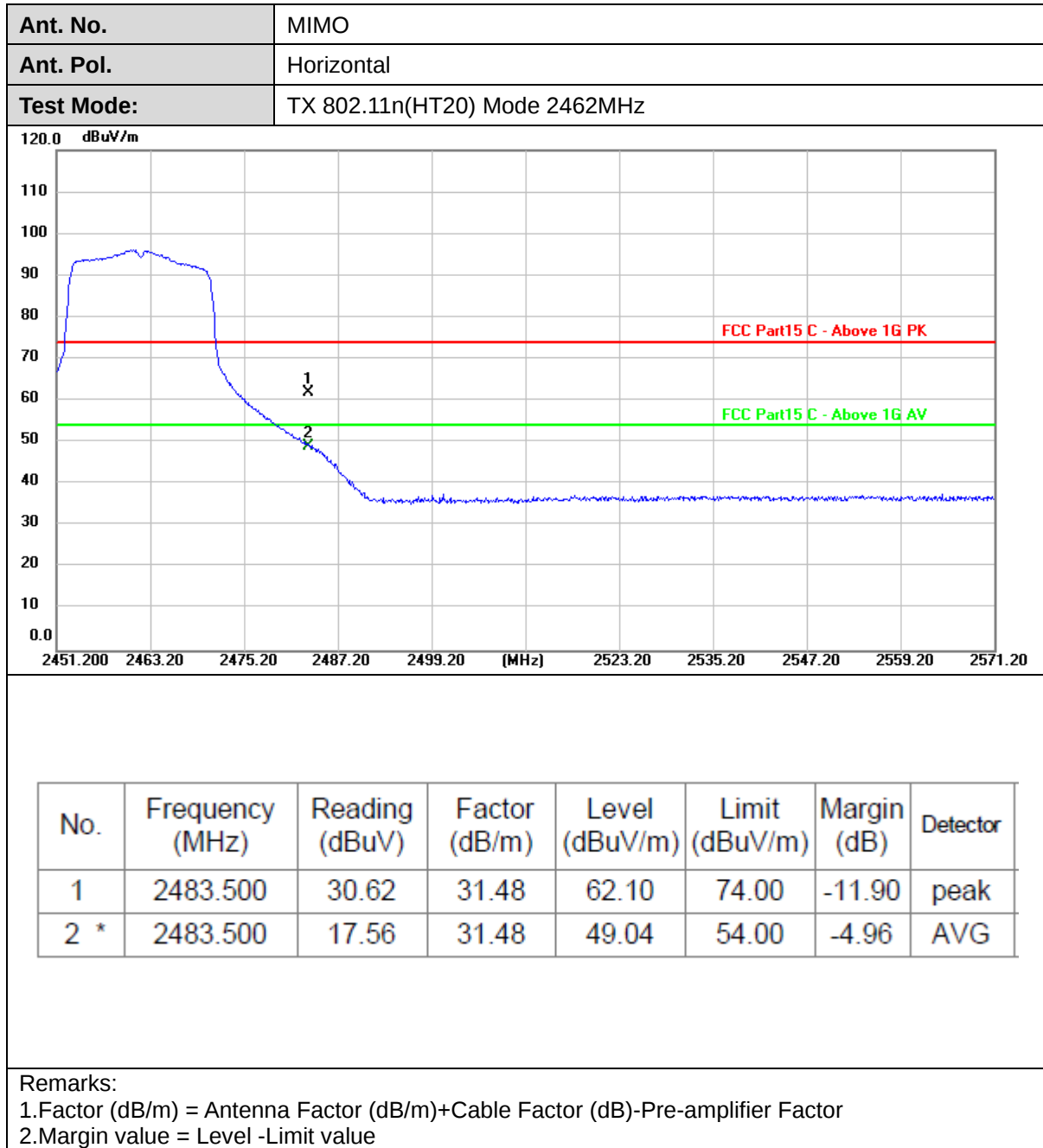


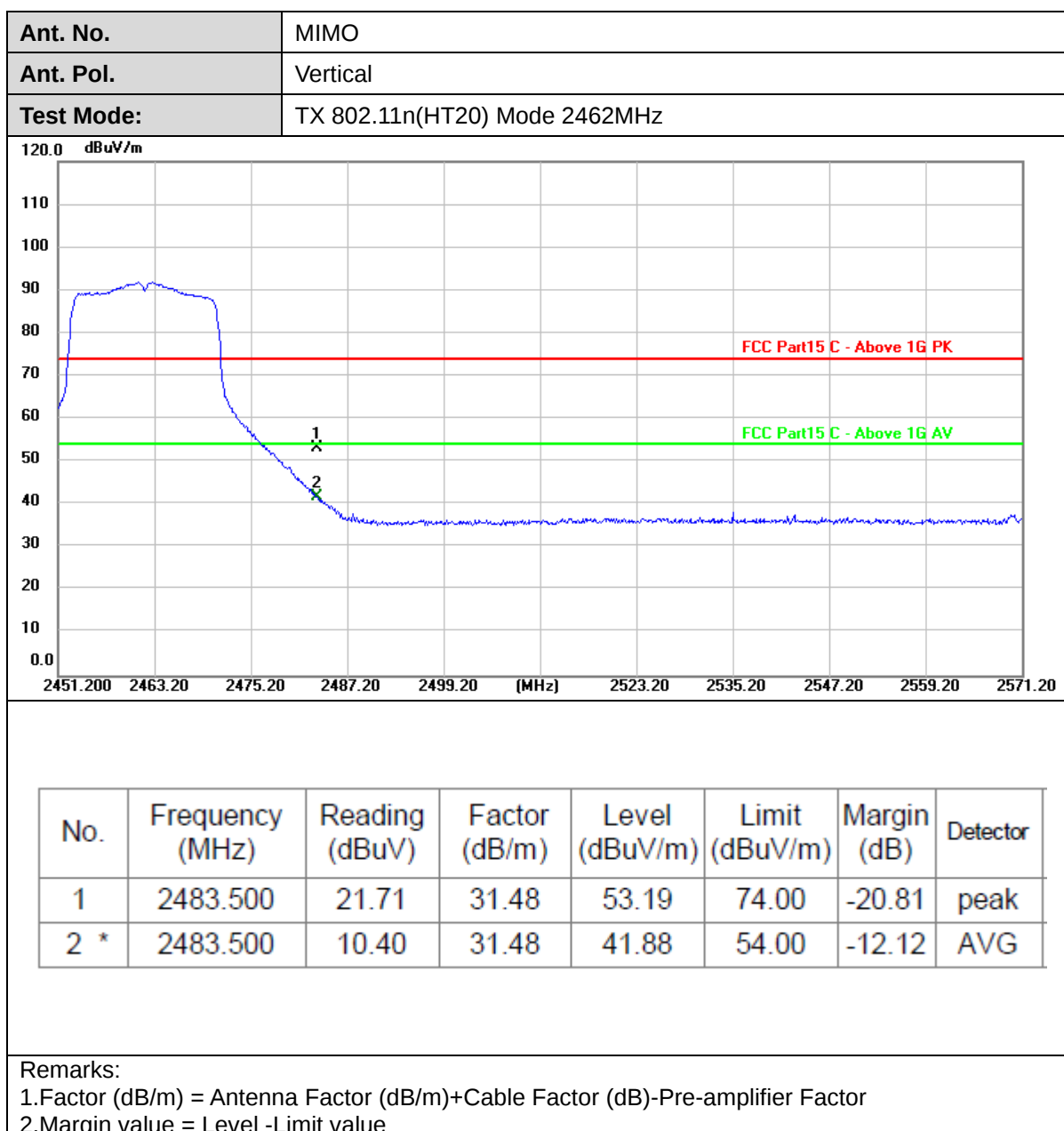


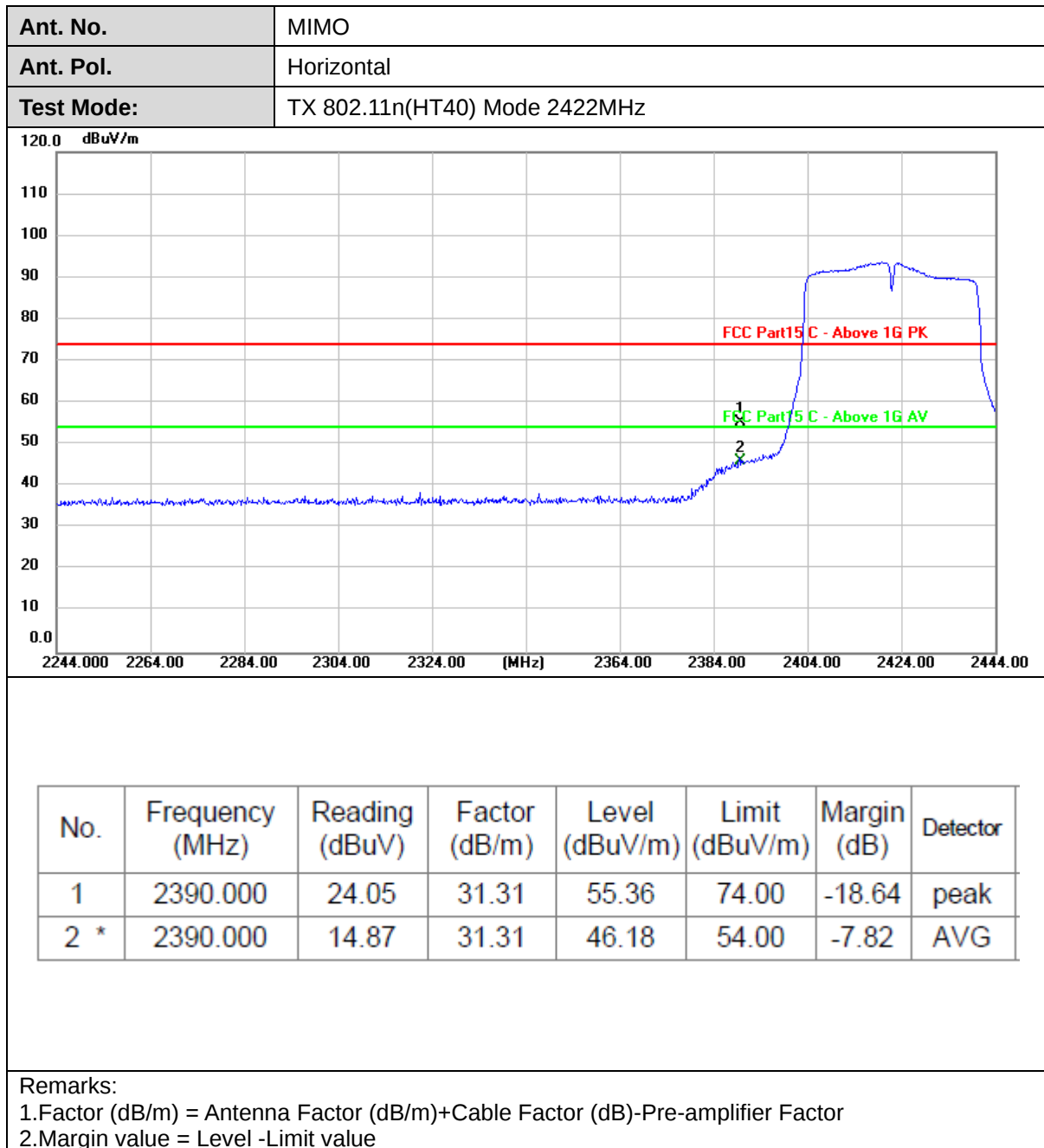


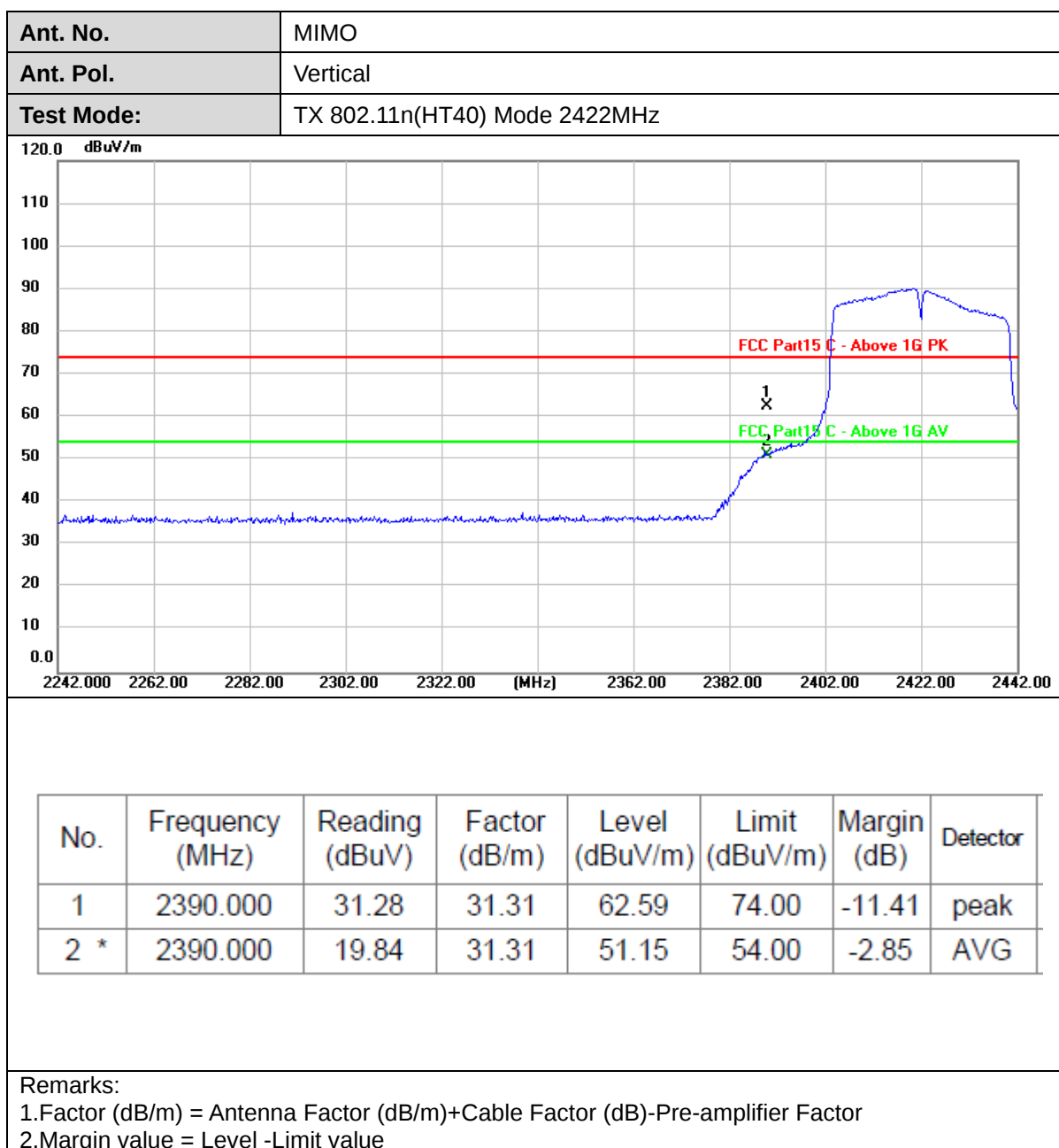


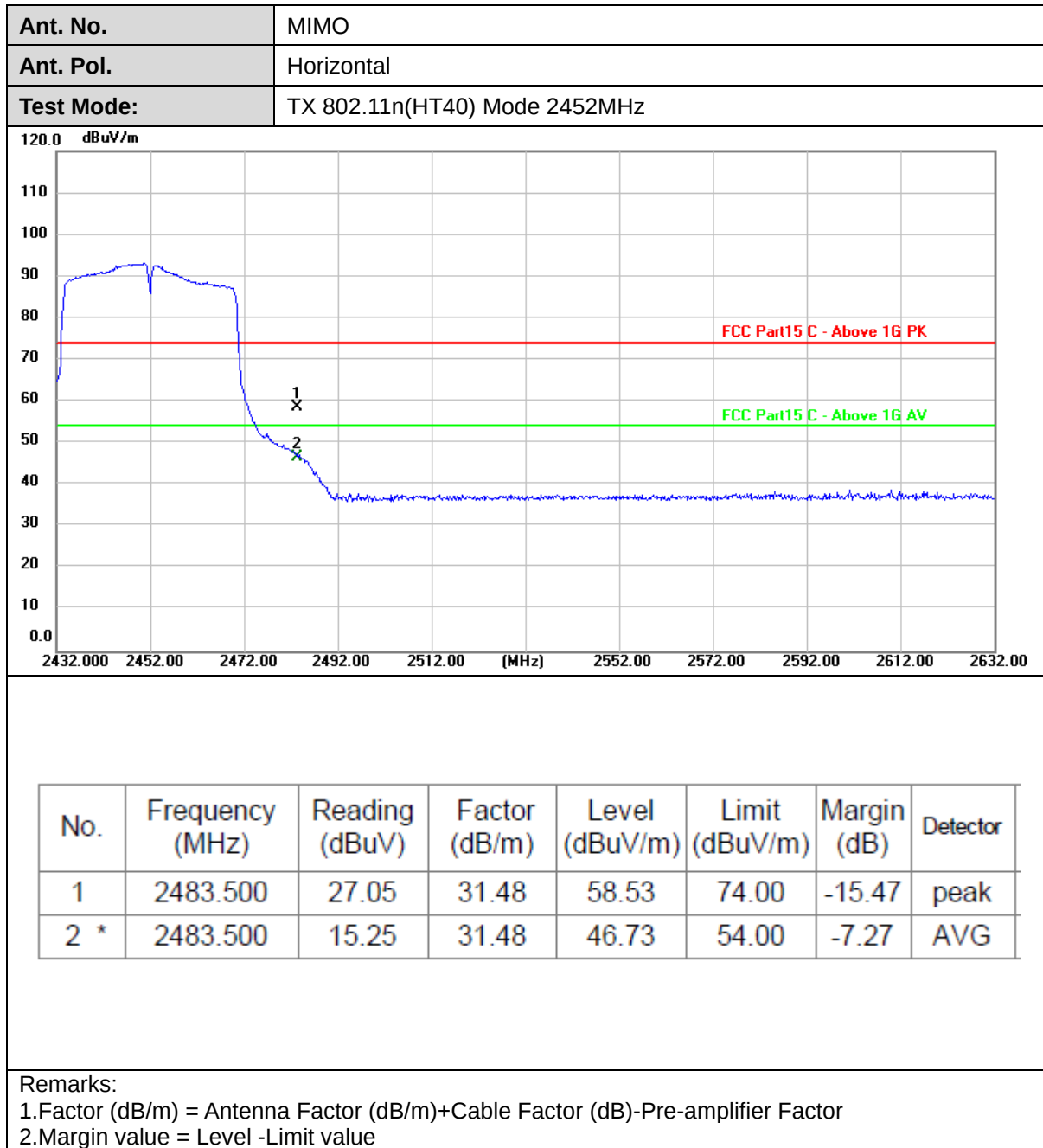


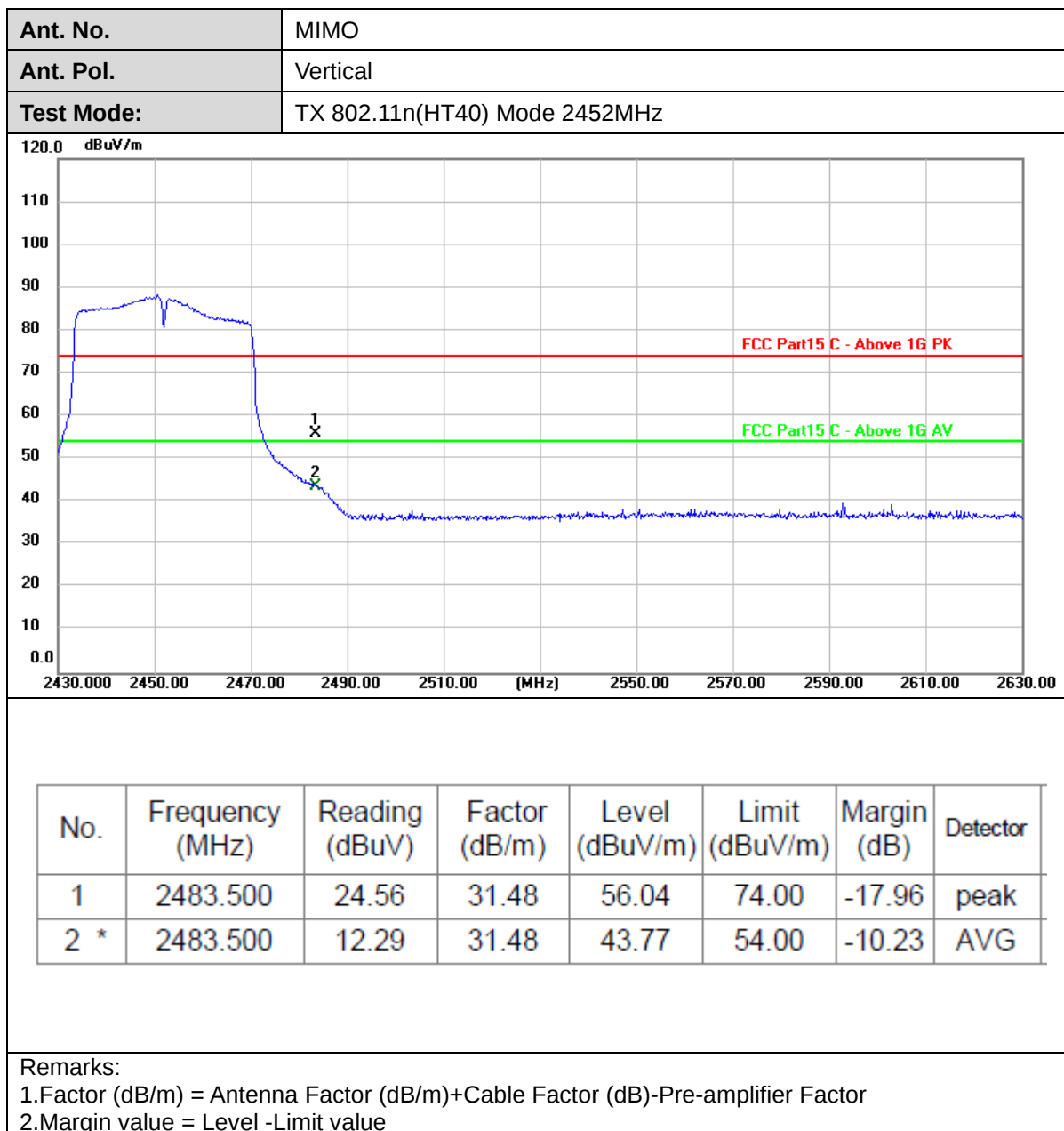


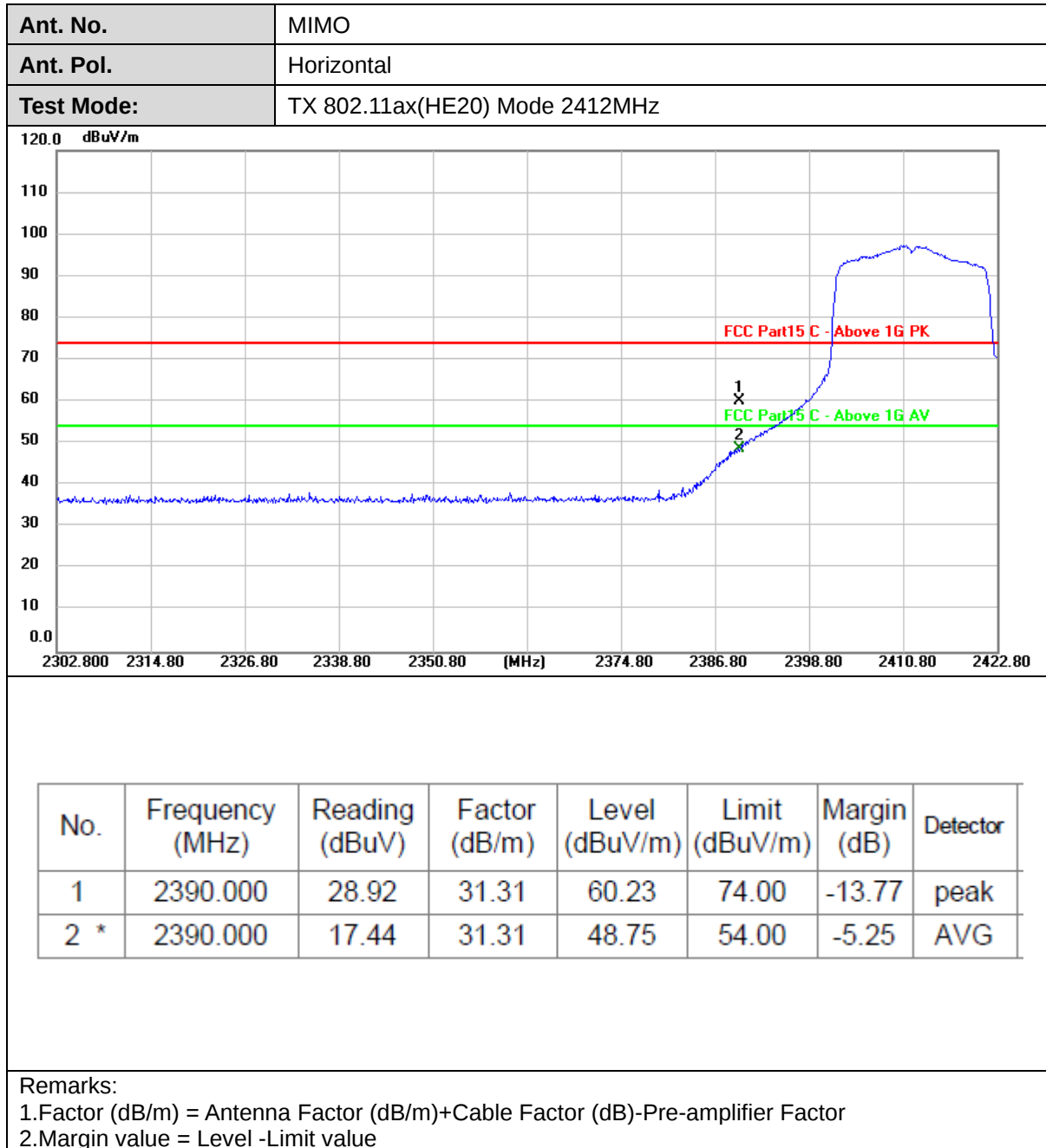


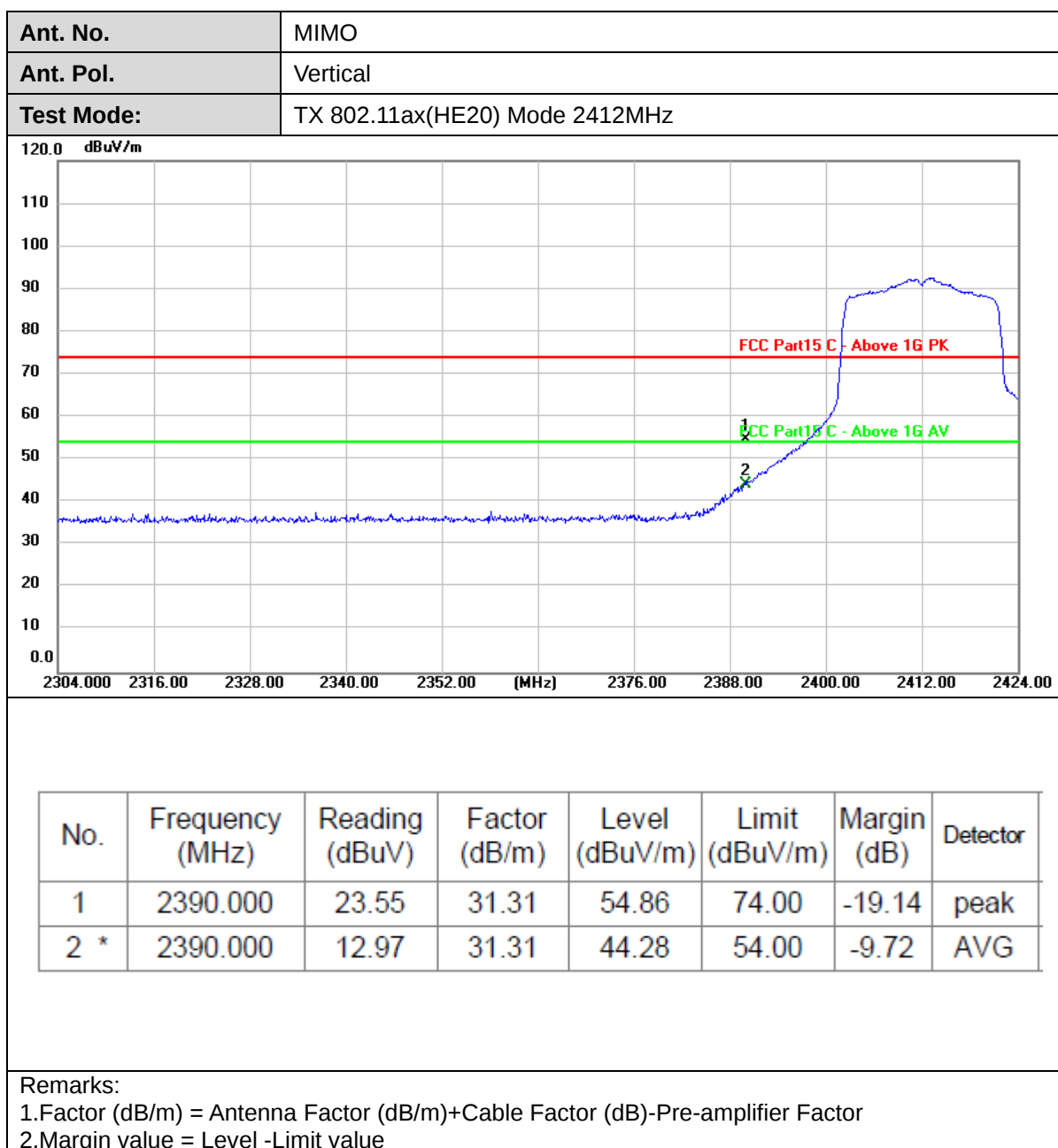


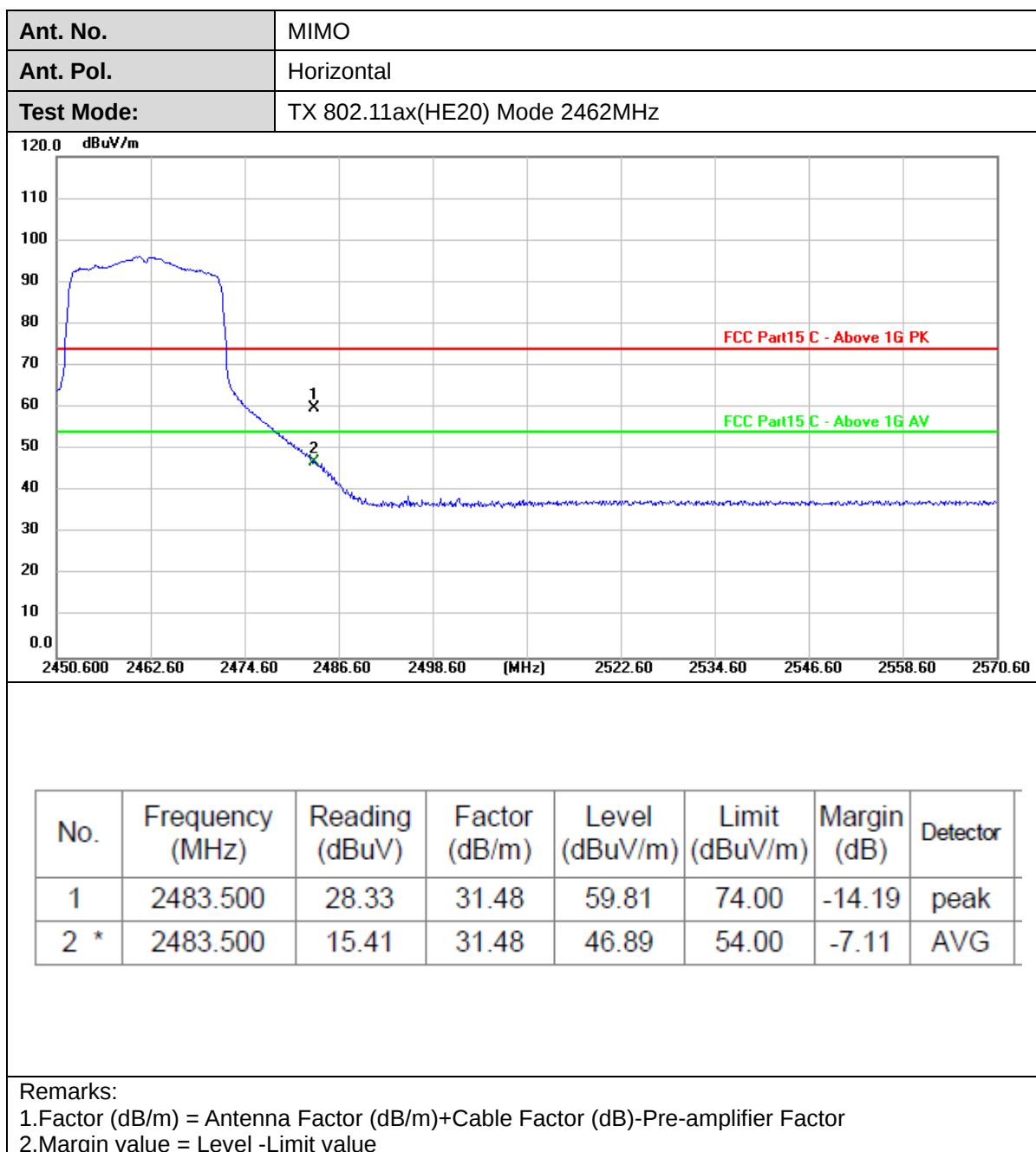


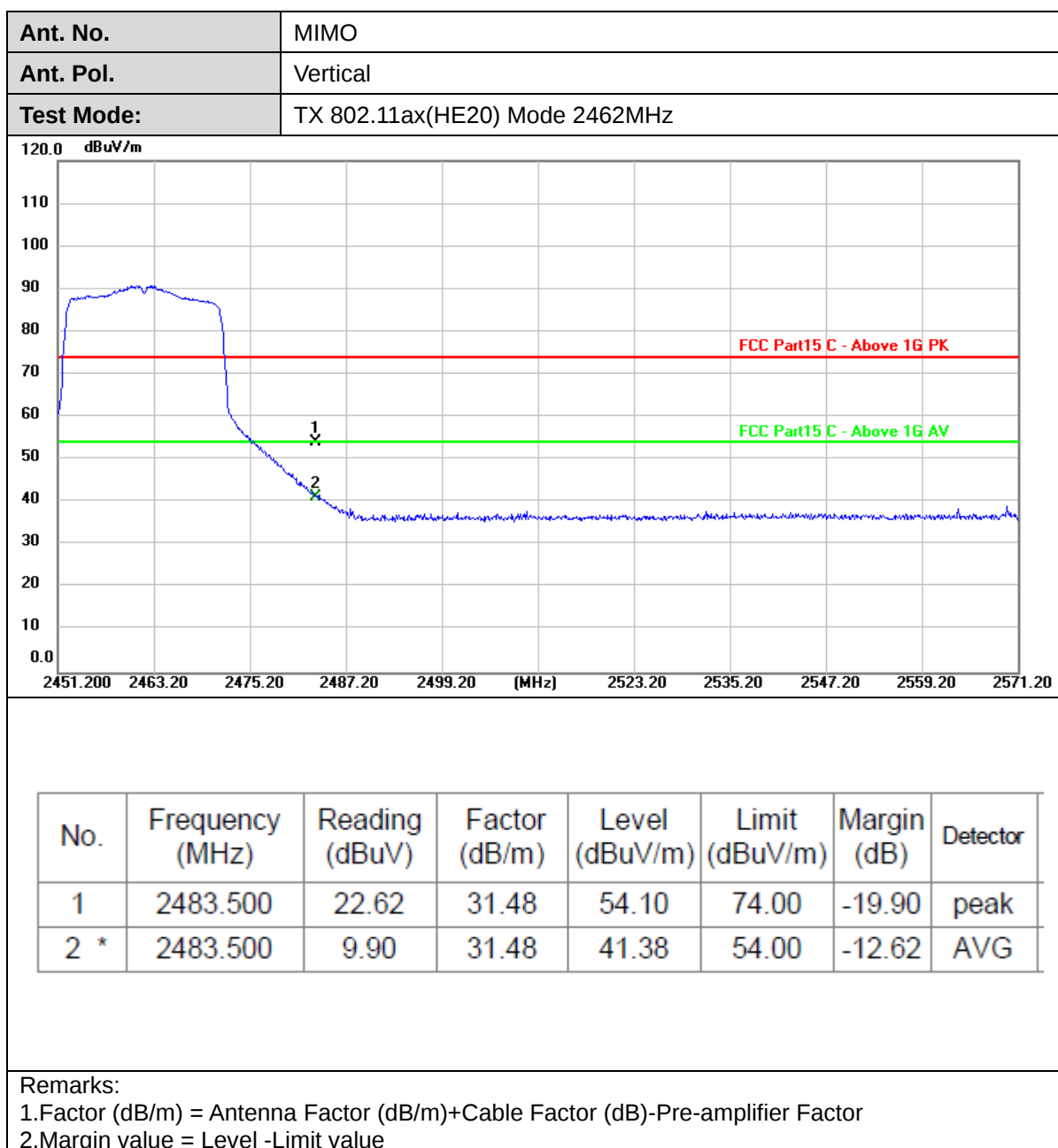


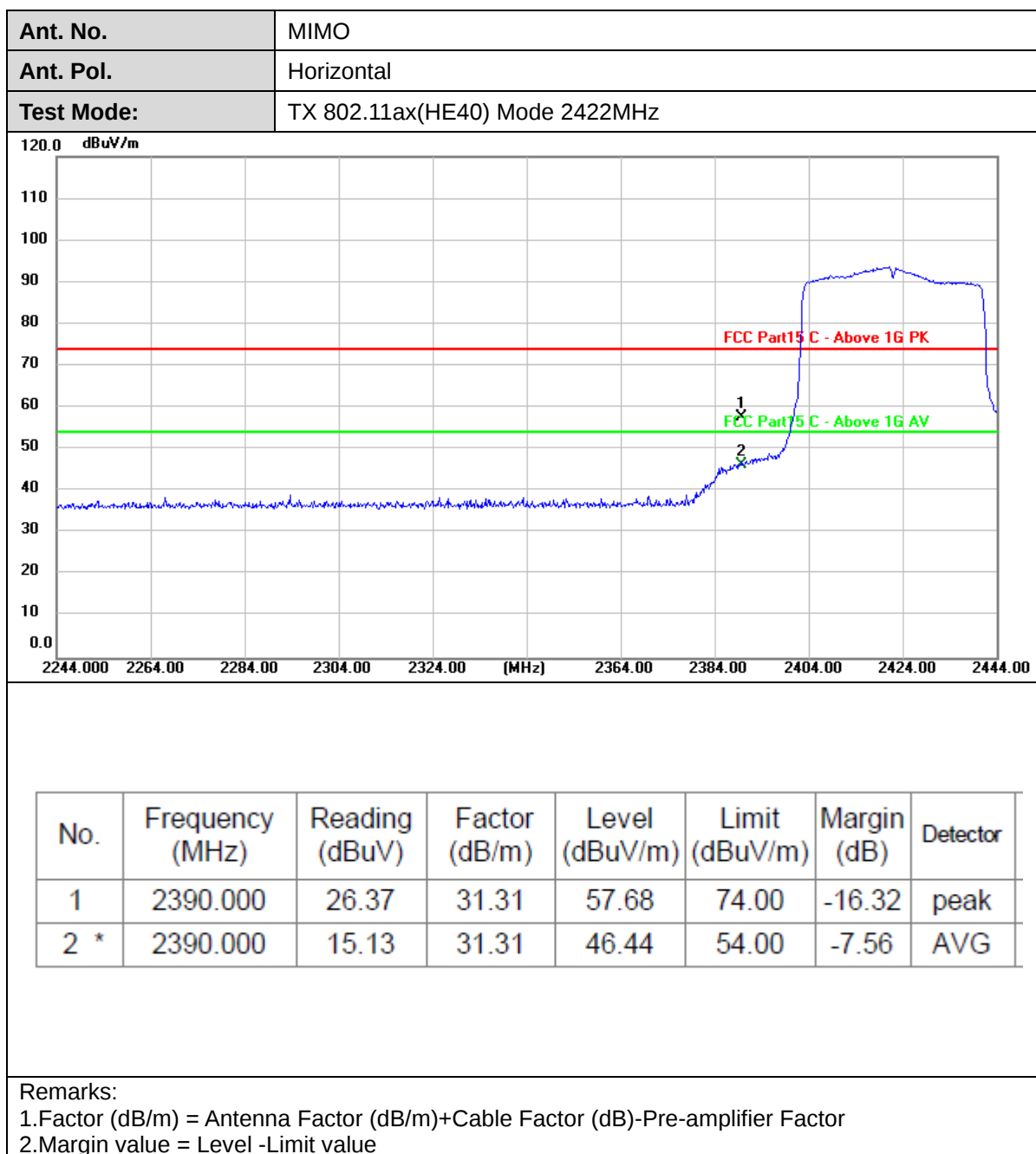


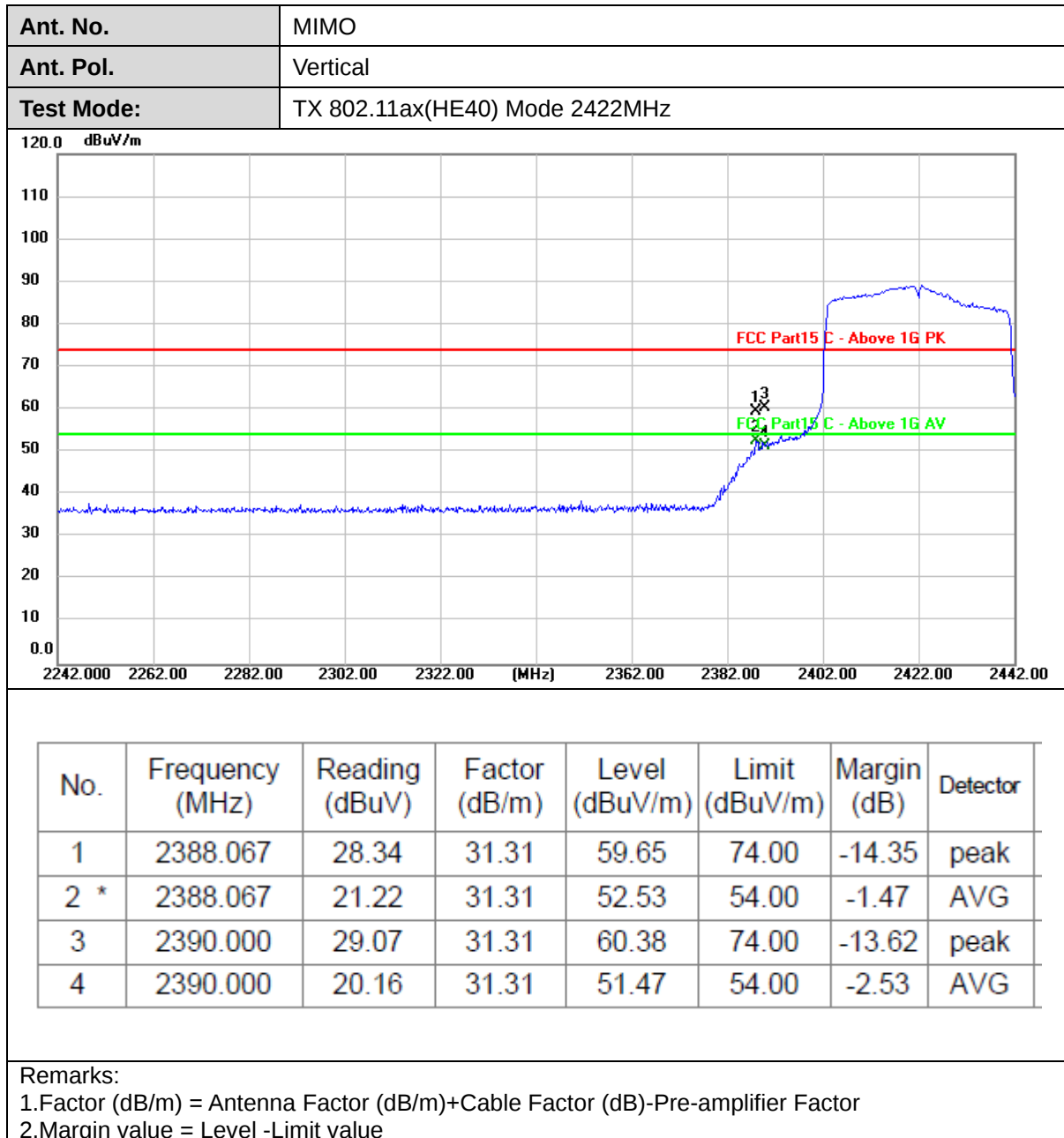


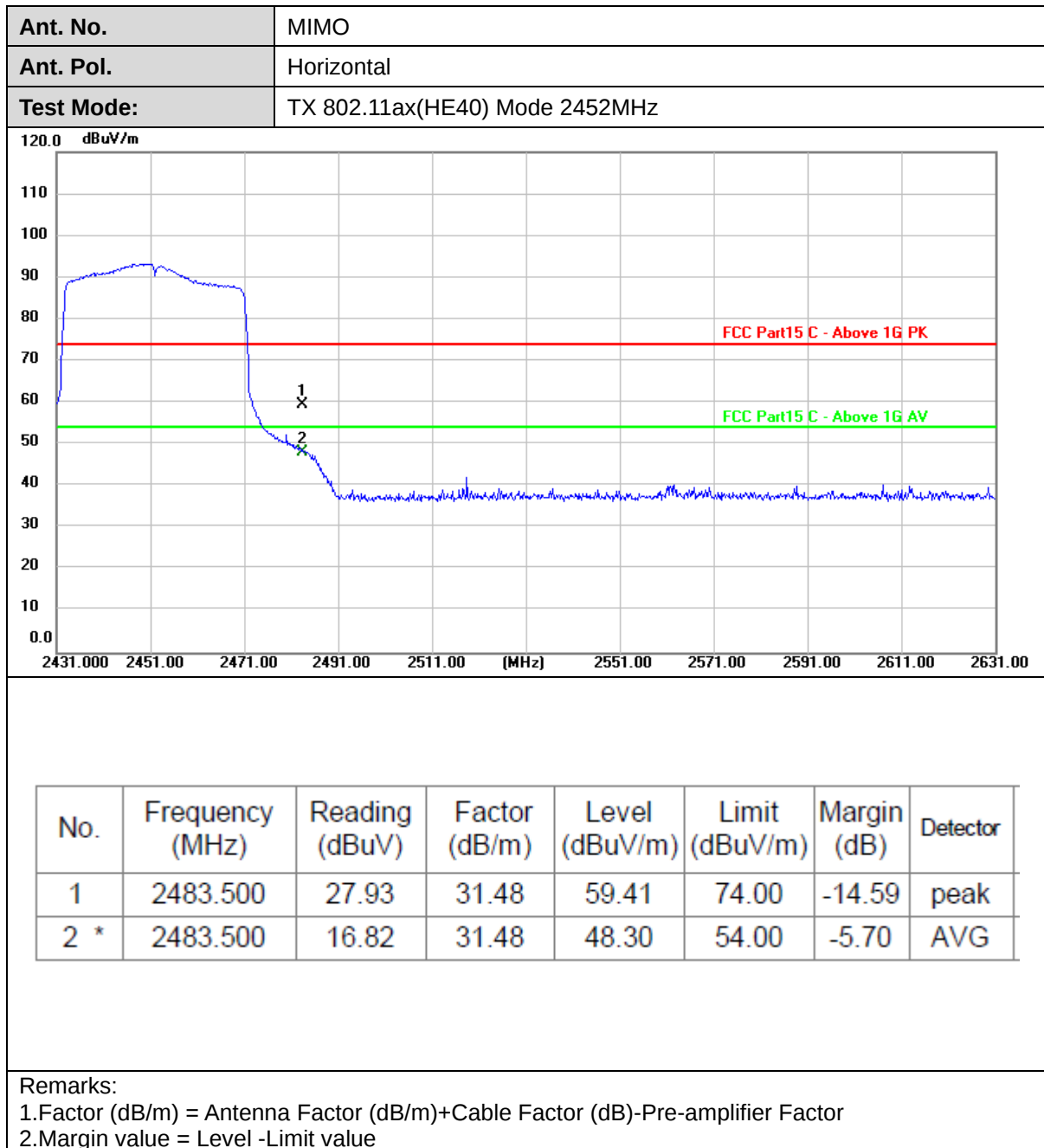


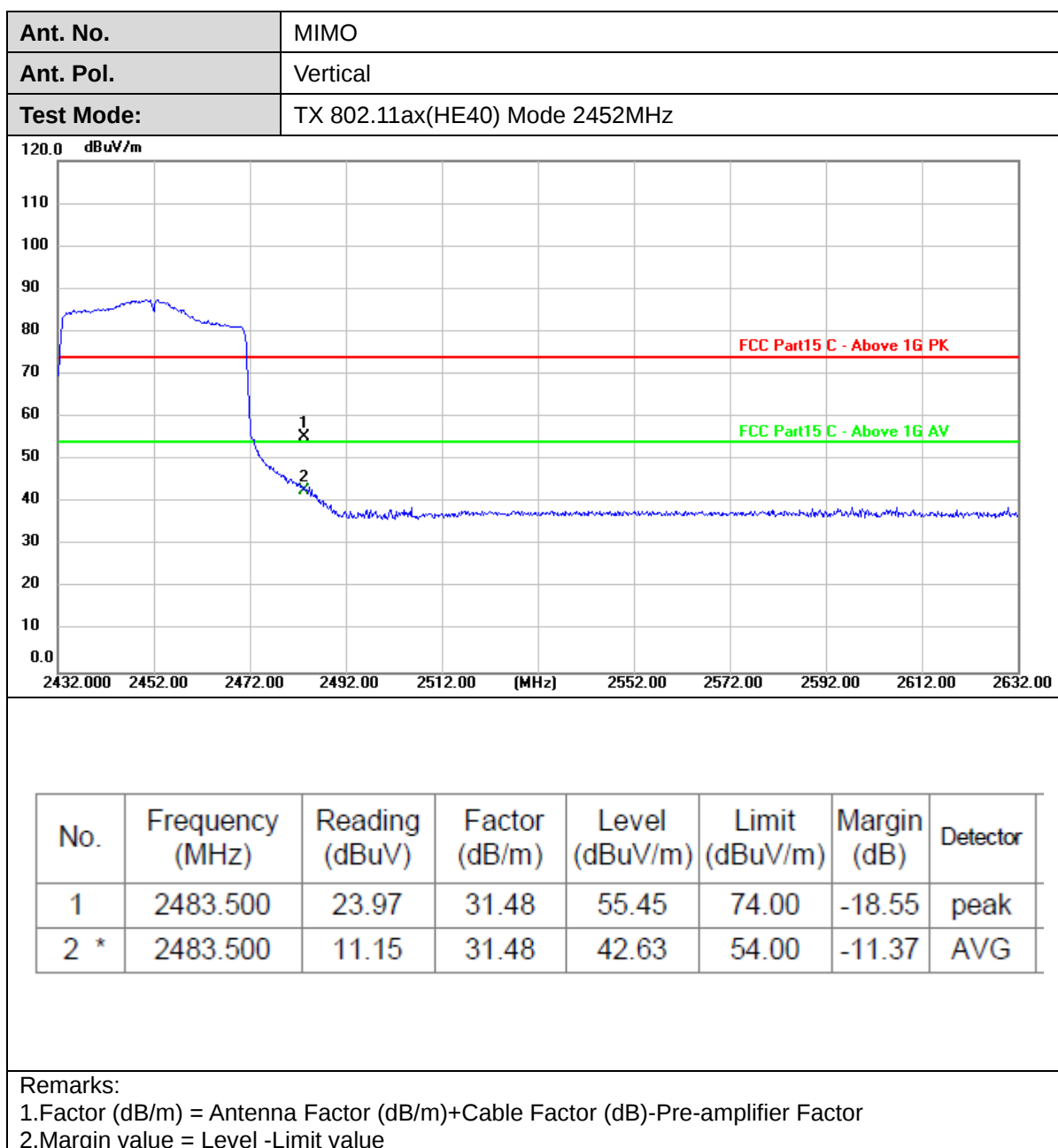














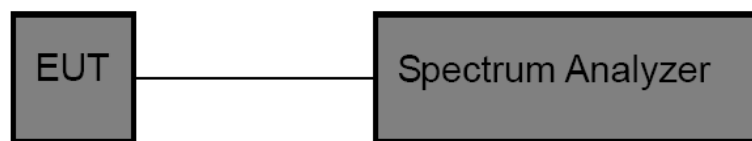
3.4. Band Edge and Spurious Emissions (Conducted)

Limit

FCC CFR Title 47 Part 15 Subpart C Section 15.247 (d) / RSS-247 5.5

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB.

Test Configuration



Test Procedure

1. The transmitter output was connected to the spectrum analyzer through an attenuator, the path loss was compensated to the results for each measurement.
2. Set to the maximum power setting and enable the EUT transmit continuously.
3. Use the following spectrum analyzer settings:
RBW = 100 kHz, VBW $\geq$ RBW, scan up through 10th harmonic.
Sweep = auto, Detector function = peak, Trace = max hold.
4. Measure and record the results in the test report.

Test Mode

Please refer to the clause 2.4.

**Test Result****(1) Band Edge Conducted Test**

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	4.53	-43.74	≤-25.47	PASS
	Ant2	Low	2412	4.51	-42.97	≤-25.49	PASS
	Ant1	High	2462	4.51	-45.25	≤-25.49	PASS
	Ant2	High	2462	4.25	-46.29	≤-25.75	PASS
11G	Ant1	Low	2412	2.57	-38.48	≤-27.43	PASS
	Ant2	Low	2412	1.91	-39.81	≤-28.09	PASS
	Ant1	High	2462	2.03	-46.57	≤-27.97	PASS
	Ant2	High	2462	2.37	-46.19	≤-27.63	PASS
11N20MIMO	Ant1	Low	2412	-1.08	-35.13	≤-31.08	PASS
	Ant2	Low	2412	-0.54	-35.43	≤-30.54	PASS
	Ant1	High	2462	0.47	-45.07	≤-29.53	PASS
	Ant2	High	2462	1.23	-46.25	≤-28.77	PASS
11N40MIMO	Ant1	Low	2422	-2.78	-34.46	≤-32.78	PASS
	Ant2	Low	2422	0.02	-36.36	≤-29.98	PASS
	Ant1	High	2452	-0.88	-35.84	≤-30.88	PASS
	Ant2	High	2452	-2.05	-35.69	≤-32.05	PASS
11AX20MIMO	Ant1	Low	2412	-1.10	-35.03	≤-31.1	PASS
	Ant2	Low	2412	-0.74	-34.64	≤-30.74	PASS
	Ant1	High	2462	0.63	-43.63	≤-29.37	PASS
	Ant2	High	2462	-1.27	-43.27	≤-31.27	PASS
11AX40MIMO	Ant1	Low	2422	-2.92	-36.76	≤-32.92	PASS
	Ant2	Low	2422	-0.98	-36.6	≤-30.98	PASS
	Ant1	High	2452	-2.20	-40.23	≤-32.2	PASS
	Ant2	High	2452	-2.21	-41.04	≤-32.21	PASS



Conducted Spurious Emissions Test

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	4.54	4.54	---	PASS
			30~1000	4.54	-47.18	≤-25.46	PASS
			1000~26500	4.54	-40.6	≤-25.46	PASS
	Ant2	2412	Reference	4.51	4.51	---	PASS
			30~1000	4.51	-47.03	≤-25.49	PASS
			1000~26500	4.51	-39.95	≤-25.49	PASS
	Ant1	2437	Reference	4.49	4.49	---	PASS
			30~1000	4.49	-48.17	≤-25.51	PASS
			1000~26500	4.49	-40.32	≤-25.51	PASS
	Ant2	2437	Reference	4.12	4.12	---	PASS
			30~1000	4.12	-47.17	≤-25.88	PASS
			1000~26500	4.12	-39.4	≤-25.88	PASS
	Ant1	2462	Reference	4.66	4.66	---	PASS
			30~1000	4.66	-47.24	≤-25.34	PASS
			1000~26500	4.66	-40.43	≤-25.34	PASS
	Ant2	2462	Reference	4.26	4.26	---	PASS
			30~1000	4.26	-47.82	≤-25.74	PASS
			1000~26500	4.26	-40.15	≤-25.74	PASS
11G	Ant1	2412	Reference	2.38	2.38	---	PASS
			30~1000	2.38	-47.92	≤-27.62	PASS
			1000~26500	2.38	-41.04	≤-27.62	PASS
	Ant2	2412	Reference	2.57	2.57	---	PASS
			30~1000	2.57	-47.33	≤-27.43	PASS
			1000~26500	2.57	-40.08	≤-27.43	PASS
	Ant1	2437	Reference	2.42	2.42	---	PASS
			30~1000	2.42	-47.59	≤-27.58	PASS
			1000~26500	2.42	-40.98	≤-27.58	PASS
	Ant2	2437	Reference	1.85	1.85	---	PASS
			30~1000	1.85	-46.97	≤-28.15	PASS
			1000~26500	1.85	-39.08	≤-28.15	PASS
	Ant1	2462	Reference	2.71	2.71	---	PASS
			30~1000	2.71	-47.14	≤-27.29	PASS
			1000~26500	2.71	-40.89	≤-27.29	PASS
	Ant2	2462	Reference	2.61	2.61	---	PASS
			30~1000	2.61	-47.18	≤-27.39	PASS
			1000~26500	2.61	-40.08	≤-27.39	PASS
11N20MIMO	Ant1	2412	Reference	-0.16	-0.16	---	PASS
			30~1000	-0.16	-47.34	≤-30.16	PASS
			1000~26500	-0.16	-39.78	≤-30.16	PASS
	Ant2	2412	Reference	2.36	2.36	---	PASS
			30~1000	2.36	-46.59	≤-27.64	PASS
			1000~26500	2.36	-39.82	≤-27.64	PASS
	Ant1	2437	Reference	0.17	0.17	---	PASS
			30~1000	0.17	-47.15	≤-29.83	PASS
			1000~26500	0.17	-39.92	≤-29.83	PASS
	Ant2	2437	Reference	0.55	0.55	---	PASS
			30~1000	0.55	-47.29	≤-29.45	PASS
			1000~26500	0.55	-40.01	≤-29.45	PASS
	Ant1	2462	Reference	1.88	1.88	---	PASS
			30~1000	1.88	-47.64	≤-28.12	PASS
			1000~26500	1.88	-40.69	≤-28.12	PASS
	Ant2	2462	Reference	1.20	1.20	---	PASS
			30~1000	1.20	-46.74	≤-28.8	PASS
			1000~26500	1.20	-40.28	≤-28.8	PASS
11N40MIMO	Ant1	2422	Reference	-3.01	-3.01	---	PASS
			30~1000	-3.01	-46.76	≤-33.01	PASS
			1000~26500	-3.01	-39.1	≤-33.01	PASS
	Ant2	2422	Reference	-2.93	-2.93	---	PASS
			30~1000	-2.93	-47.55	≤-32.93	PASS

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TRF No: CTC-TR-057_A1

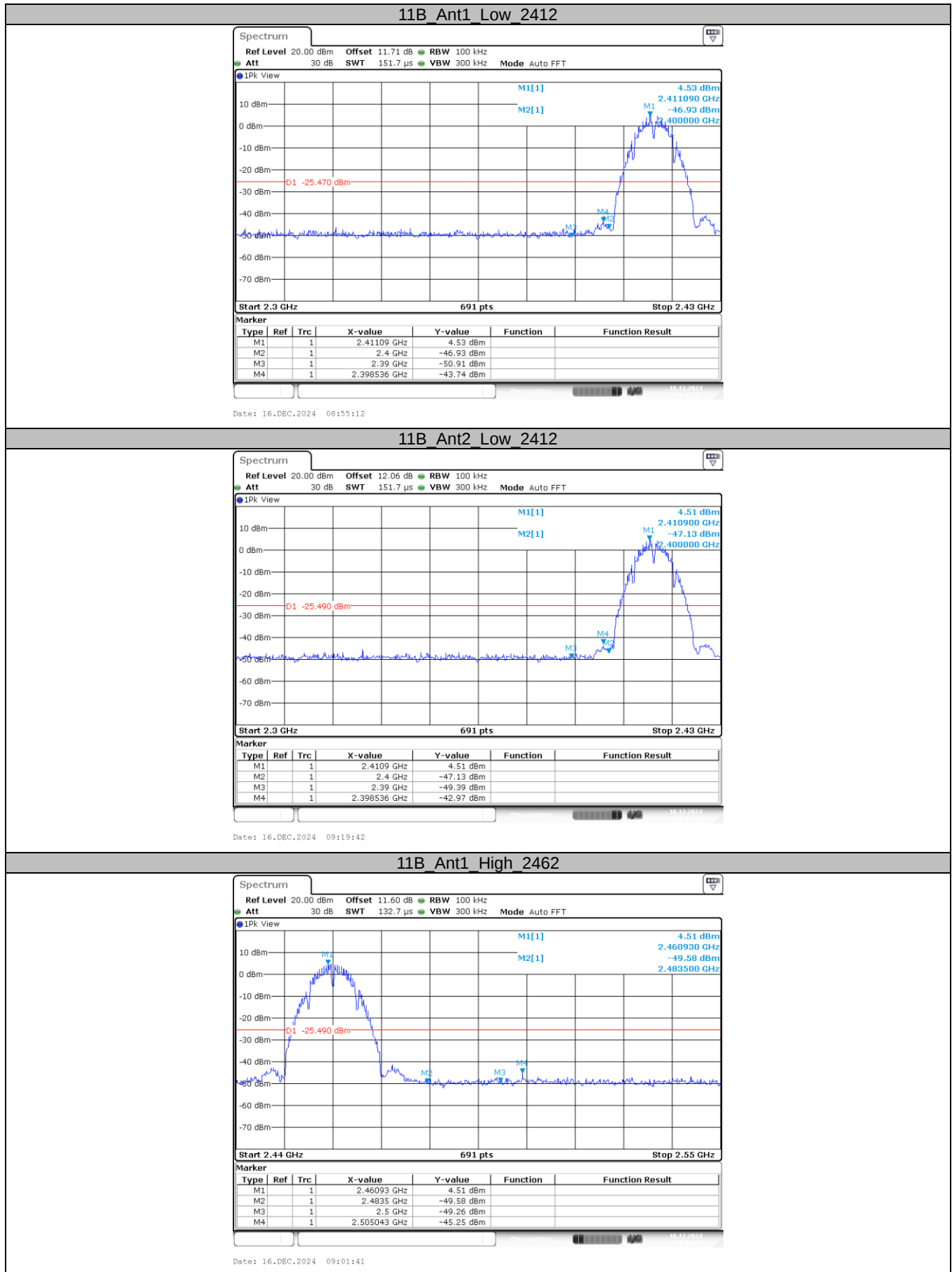
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	Ant1	2437	1000~26500	-2.93	-40.5	≤ -32.93	PASS
			Reference	0.15	0.15	---	PASS
			30~1000	0.15	-46.91	≤ -29.85	PASS
			1000~26500	0.15	-40.45	≤ -29.85	PASS
	Ant2	2437	Reference	0.01	0.01	---	PASS
			30~1000	0.01	-47.47	≤ -29.99	PASS
			1000~26500	0.01	-40.37	≤ -29.99	PASS
			Reference	-2.51	-2.51	---	PASS
	Ant1	2452	30~1000	-2.51	-48.11	≤ -32.51	PASS
			1000~26500	-2.51	-40.38	≤ -32.51	PASS
			Reference	-0.70	-0.70	---	PASS
	Ant2	2452	30~1000	-0.70	-47.24	≤ -30.7	PASS
			1000~26500	-0.70	-39.82	≤ -30.7	PASS
			Reference	2.27	2.27	---	PASS
11AX20MIMO	Ant1	2412	30~1000	2.27	-47.26	≤ -27.73	PASS
			1000~26500	2.27	-39.68	≤ -27.73	PASS
			Reference	2.34	2.34	---	PASS
	Ant2	2412	30~1000	2.34	-46.56	≤ -27.66	PASS
			1000~26500	2.34	-39.75	≤ -27.66	PASS
			Reference	0.15	0.15	---	PASS
	Ant1	2437	30~1000	0.15	-47.67	≤ -29.85	PASS
			1000~26500	0.15	-39.27	≤ -29.85	PASS
			Reference	1.26	1.26	---	PASS
	Ant2	2437	30~1000	1.26	-47.1	≤ -28.74	PASS
			1000~26500	1.26	-40.32	≤ -28.74	PASS
			Reference	2.81	2.81	---	PASS
11AX40MIMO	Ant1	2422	30~1000	2.81	-47.72	≤ -27.19	PASS
			1000~26500	2.81	-40.52	≤ -27.19	PASS
			Reference	2.46	2.46	---	PASS
	Ant2	2462	30~1000	2.46	-47.78	≤ -27.54	PASS
			1000~26500	2.46	-40.28	≤ -27.54	PASS
			Reference	-1.97	-1.97	---	PASS
	Ant1	2422	30~1000	-1.97	-47.51	≤ -31.97	PASS
			1000~26500	-1.97	-40.42	≤ -31.97	PASS
			Reference	-3.59	-3.59	---	PASS
	Ant2	2422	30~1000	-3.59	-46.8	≤ -33.59	PASS
			1000~26500	-3.59	-39.87	≤ -33.59	PASS
			Reference	0.63	0.63	---	PASS
	Ant1	2437	30~1000	0.63	-47	≤ -29.37	PASS
			1000~26500	0.63	-40.15	≤ -29.37	PASS
			Reference	-2.40	-2.40	---	PASS
	Ant2	2437	30~1000	-2.40	-47.53	≤ -32.4	PASS
			1000~26500	-2.40	-40.09	≤ -32.4	PASS
			Reference	-0.70	-0.70	---	PASS
	Ant1	2452	30~1000	-0.70	-47.39	≤ -30.7	PASS
			1000~26500	-0.70	-40.01	≤ -30.7	PASS
			Reference	-2.86	-2.86	---	PASS
	Ant2	2452	30~1000	-2.86	-46.61	≤ -32.86	PASS
			1000~26500	-2.86	-39.75	≤ -32.86	PASS
			Reference	-2.86	-39.75	≤ -32.86	PASS
			Reference	-2.86	-39.75	≤ -32.86	PASS
			Reference	-2.86	-39.75	≤ -32.86	PASS
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Test plot as follows:



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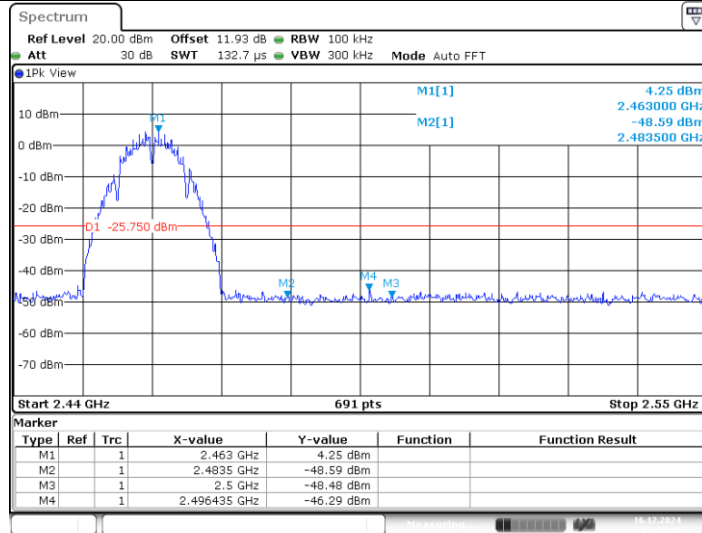
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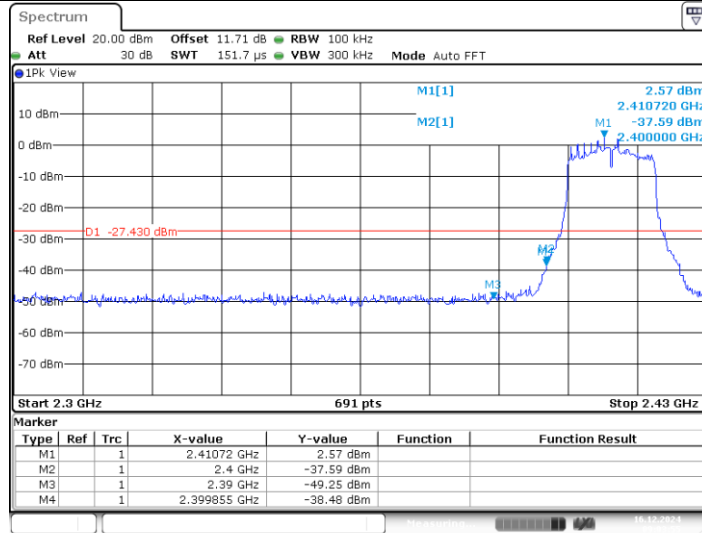
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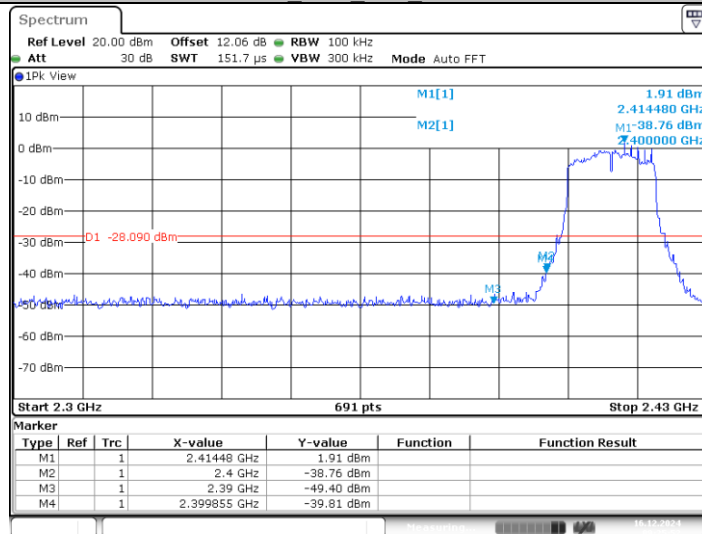
11B Ant2 High 2462



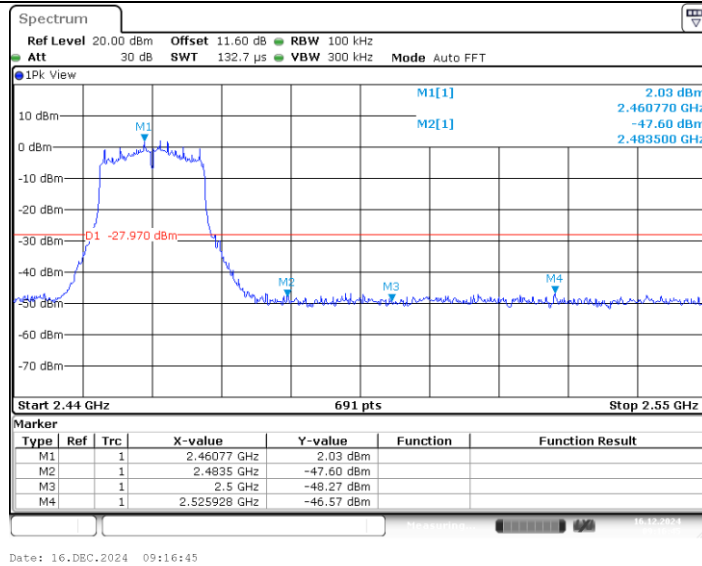
11G Ant1 Low 2412



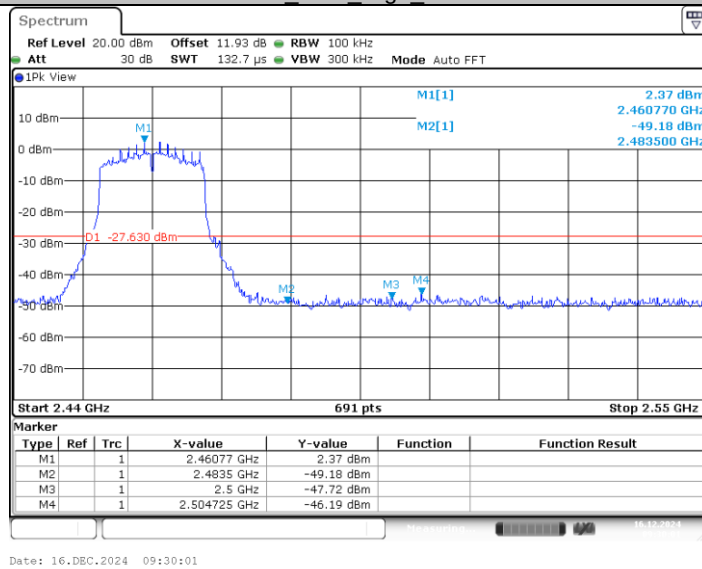
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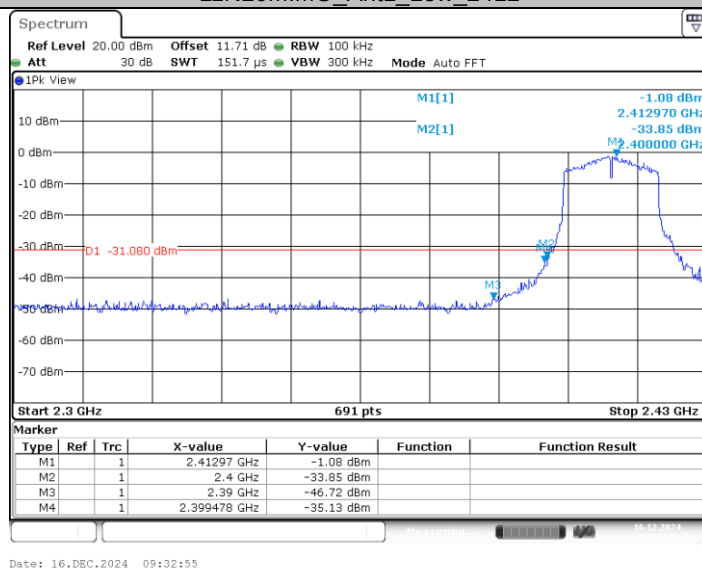
11G Ant1 High 2462



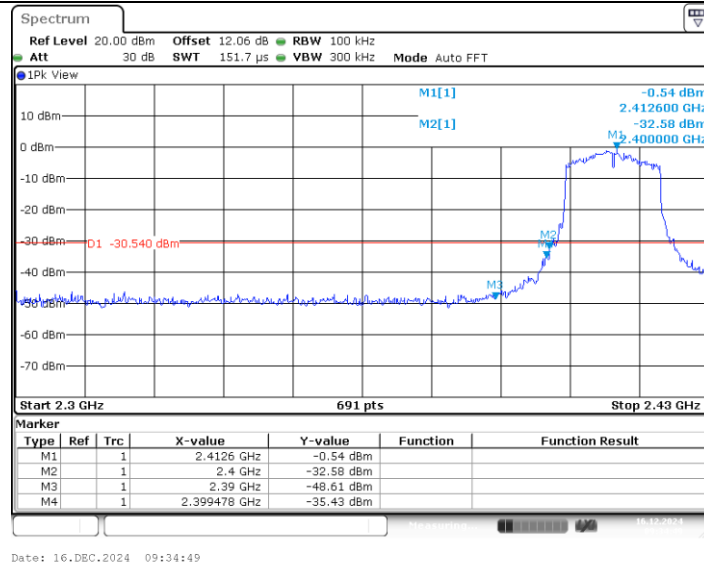
11G_Ant2_High_2462



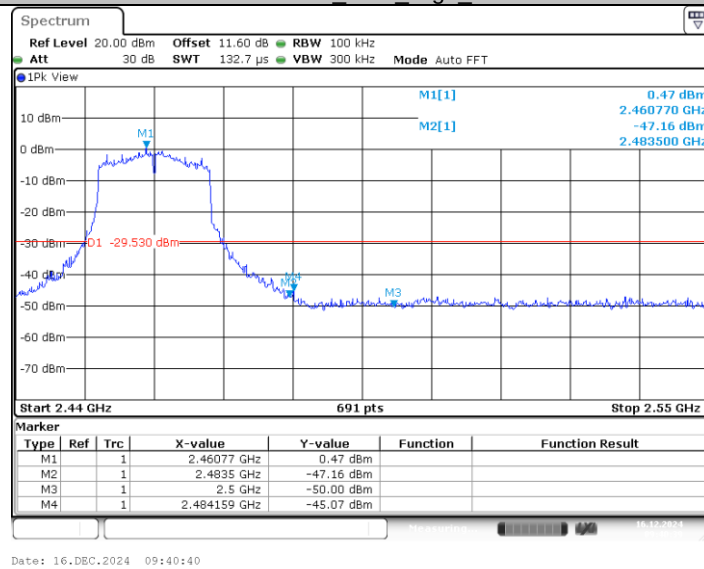
11N20MIMO_Ant1_Low_2412



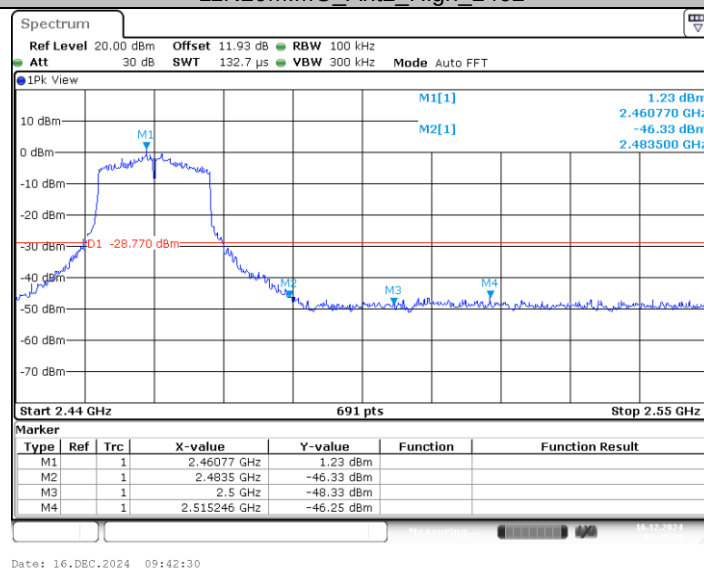
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11N20MIMO_Ant1_High_2462



11N20MIMO_Ant2_High_2462



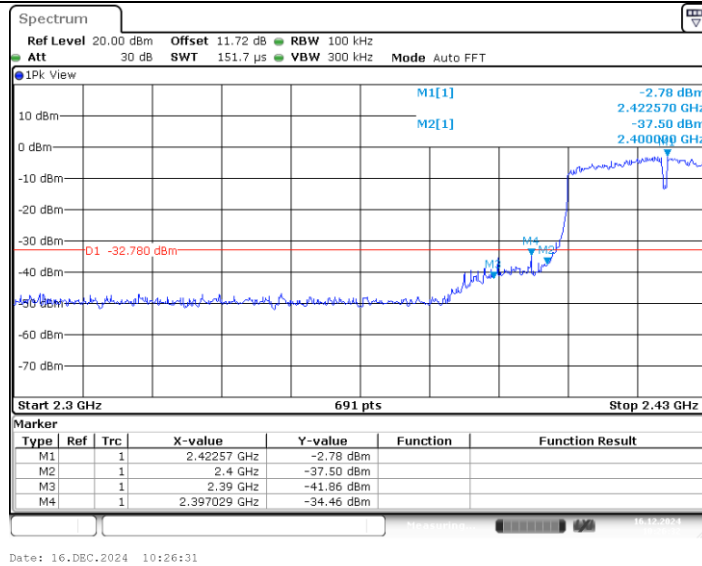
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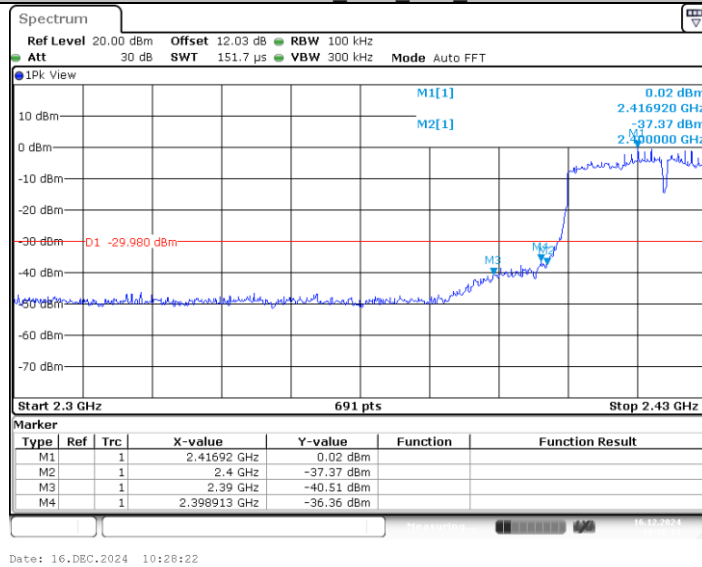
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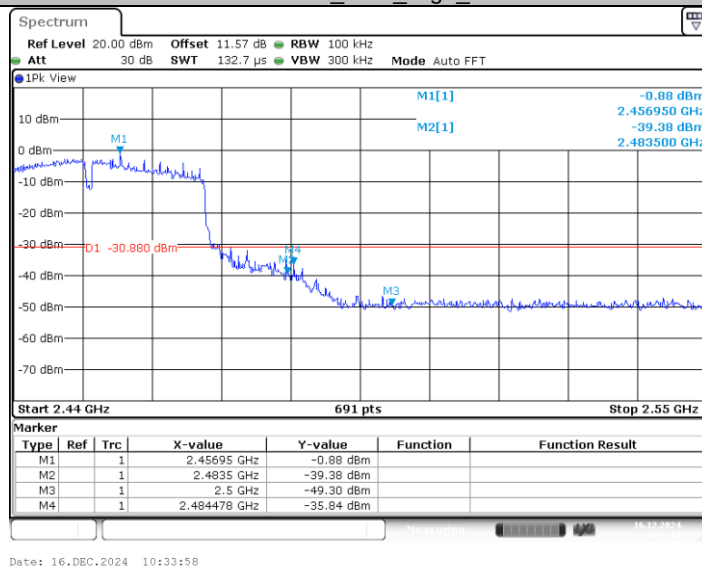
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11N40MIMO_Ant2_Low_2422



11N40MIMO_Ant1_High_2452



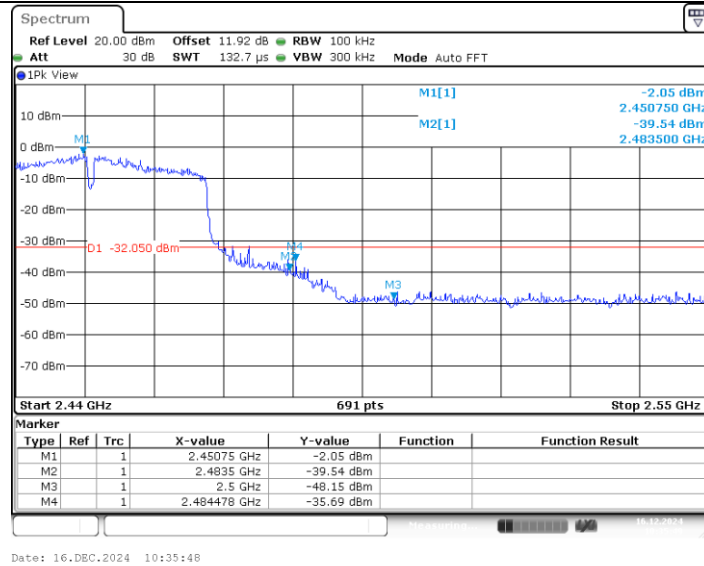
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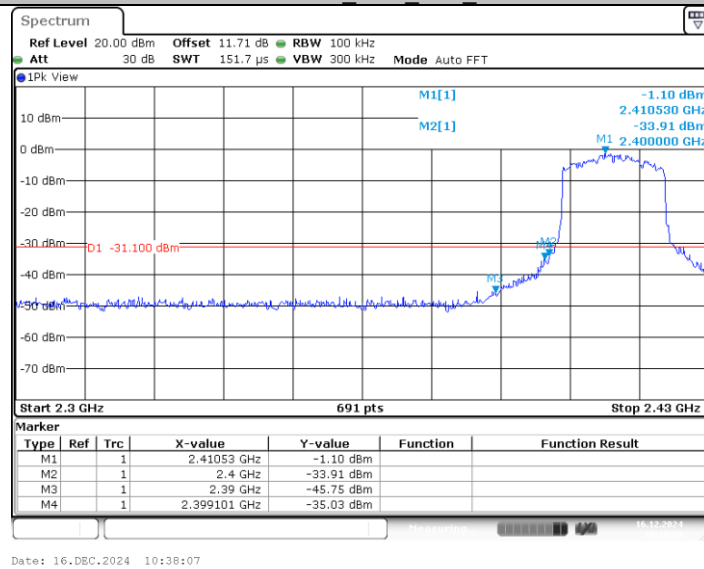
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TRF No: CTC-TR-057_A1

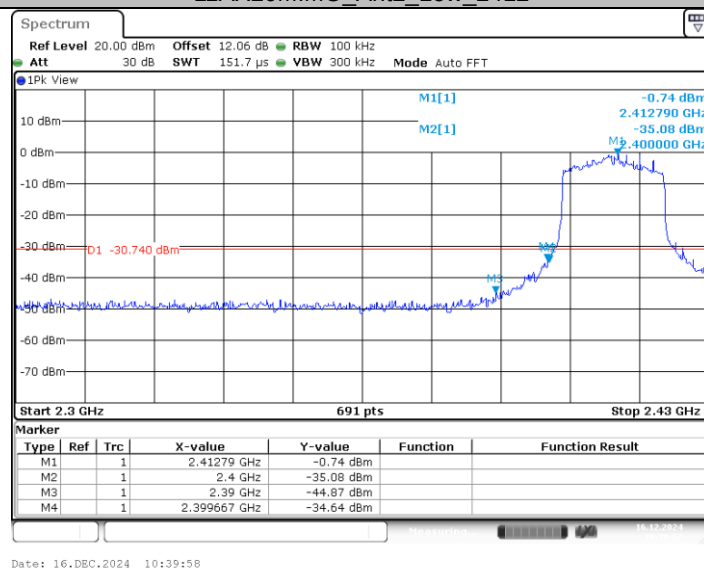
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11AX20MIMO_Ant1_Low_2412



11AX20MIMO_Ant2_Low_2412



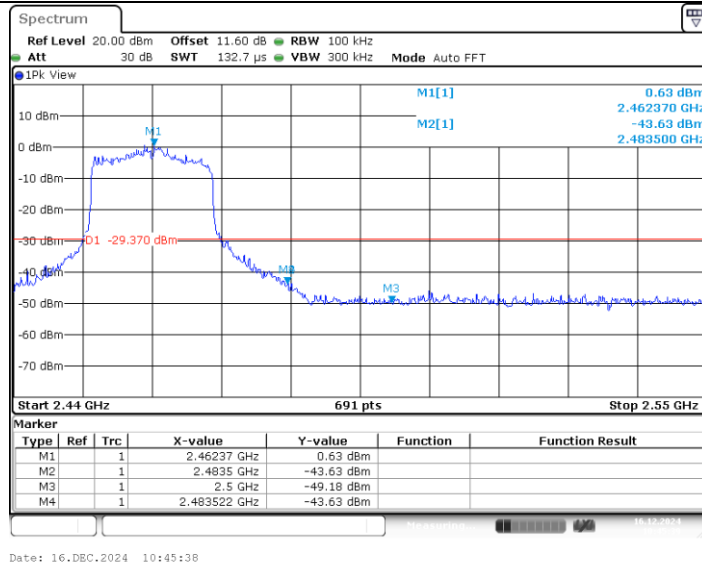
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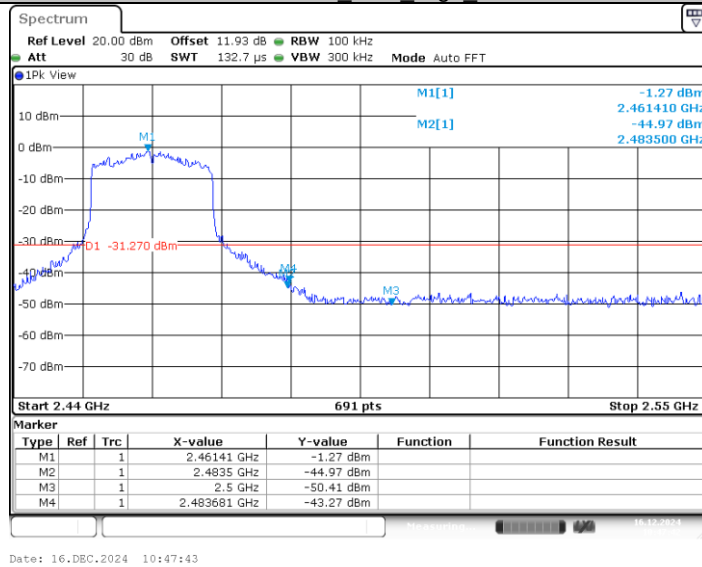
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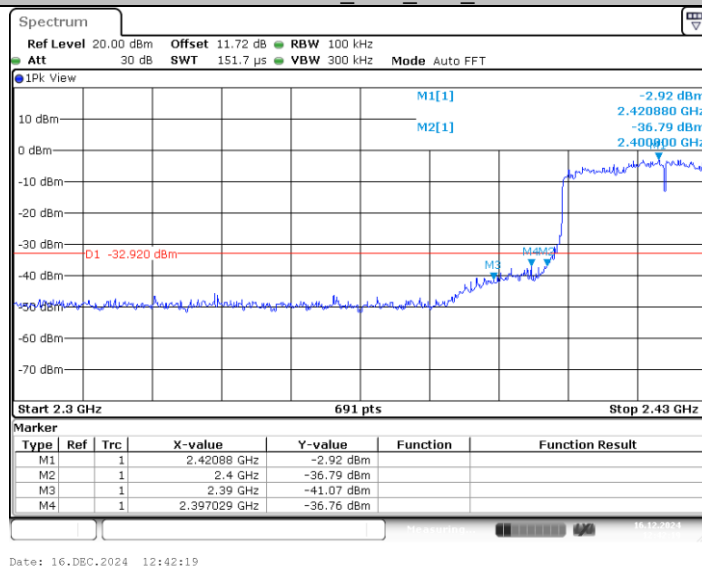
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11AX20MIMO_Ant2_High_2462



11AX40MIMO_Ant1_Low_2422



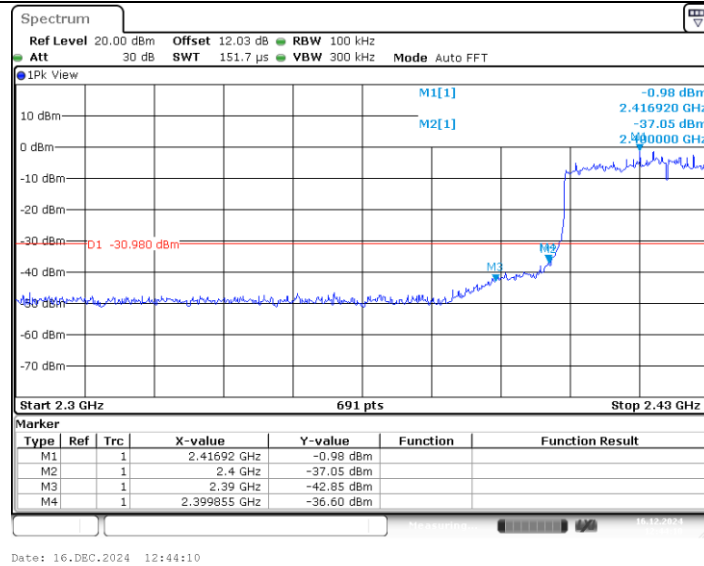
11AX40MIMO_Ant2_Low_2422

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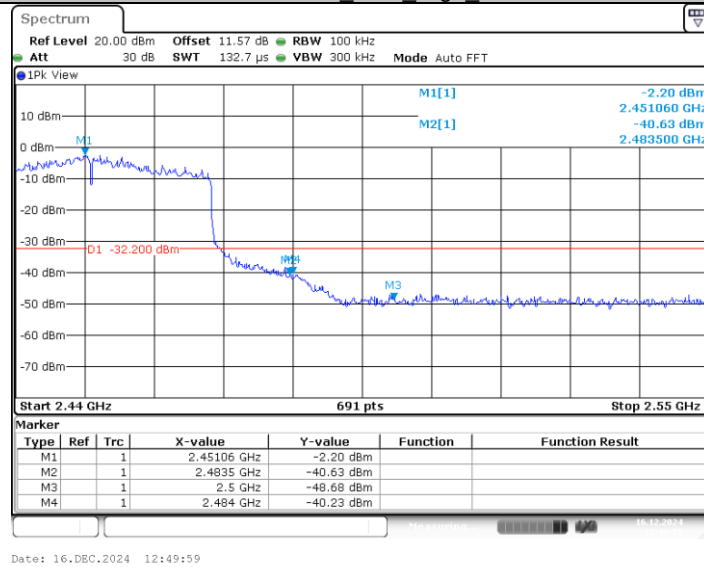
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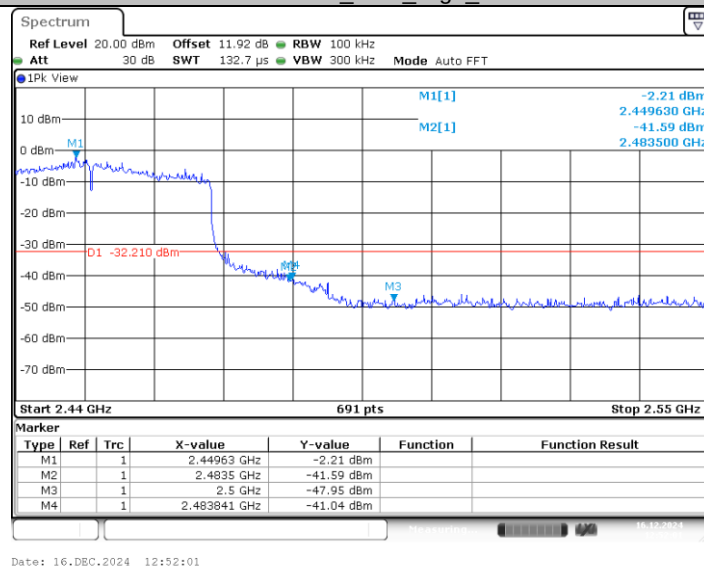
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11AX40MIMO_Ant1_High_2452



11AX40MIMO_Ant2_High_2452



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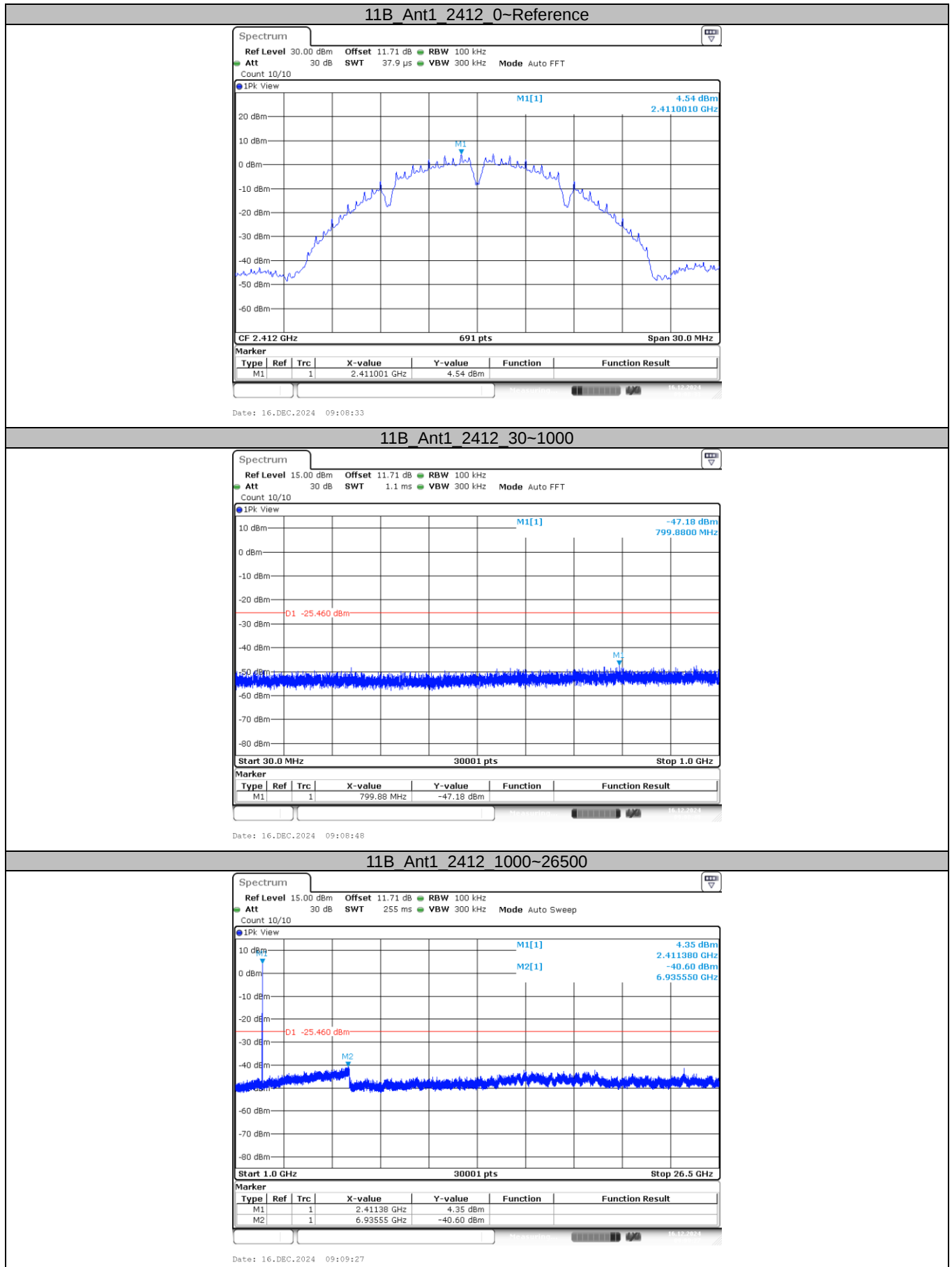
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TRF No: CTC-TR-057_A1

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Test plot as follows:



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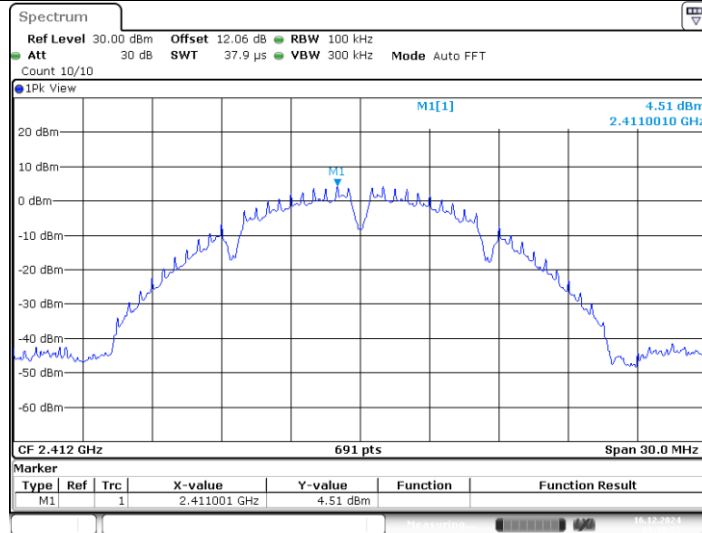
Room 101 Building B, No. 7, Lanqing 1st Road, Luhu Community, Guanhu Subdistrict, Longhua District, Shenzhen, Guangdong, China
Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn

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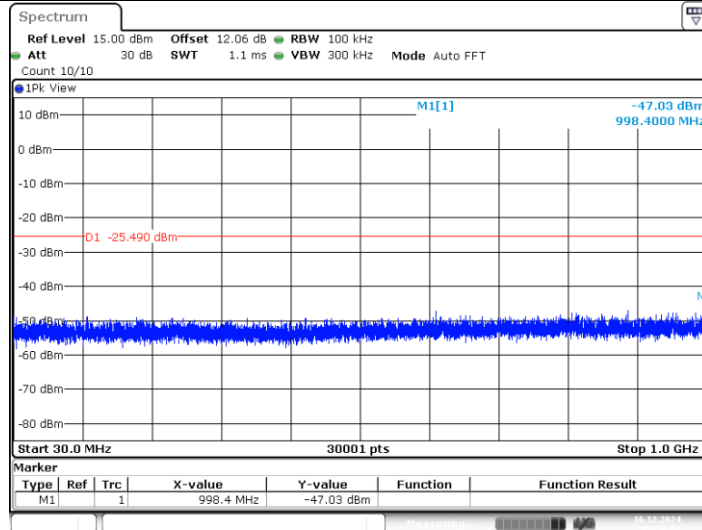


11B_Ant2_2412_0-Reference



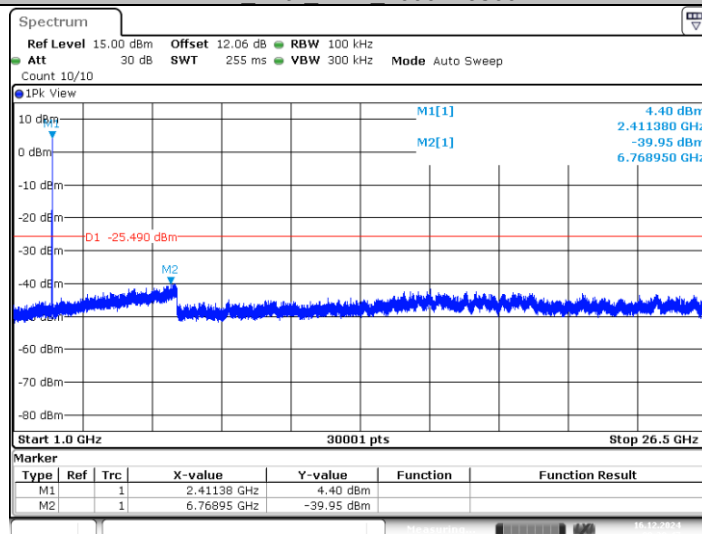
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11B_Ant2_2412_30-1000



Date: 16.DEC.2024 09:20:07

11B_Ant2_2412_1000-26500



Date: 16.DEC.2024 09:20:47

11B_Ant1_2437_0-Reference