



TEST REPORT

Report No. : **CTC2024186203**
FCC ID : **2BH2ZMETACUBE02**
Applicant : **Shenzhen Xuanpai Technology Co., LTD**
Address : 1501, Bldg 1, Yidao Bldg, No. 8, Guangke 1st Rd, Laokeng Community, Longtian St. Pingshan Dist., Shenzhen China
Manufacturer : Shenzhen Xuanpai Technology Co., LTD
Address : 1501, Bldg 1, Yidao Bldg, No. 8, Guangke 1st Rd, Laokeng Community, Longtian St. Pingshan Dist., Shenzhen China
Product Name : **Metacube02**
Trade Mark : /
Model/Type reference : Metacube02
Listed Model(s) : /
Standard : **FCC CFR Title 47 Part 15 Subpart C Section 15.247**
Test Report Form No : CTC-TR-057_A2
Master TRF : Dated 2025-05-12
Date of receipt of test sample : Jul. 29, 2024
Date of testing : Jul. 29, 2024 to Dec. 6, 2024
Date of issue : Aug. 4, 2025
Result : **PASS**

Compiled by:

(Printed name+signature)

Jim Jiang

Jim Jiang

Supervised by:

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Eric Zhang

Eric Zhang

Approved by:

(Printed name+signature)

Totti Zhao

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	CTC2024186203	Aug. 4, 2025	Original

1.3. Test Description

FCC Part 15 Subpart C (15.247) / RSS-247 Issue 3				
Test Item	Standard Section		Result	Test Engineer
	FCC	ISED		
Antenna Requirement	15.203	RSS-Gen 6.8	Pass	Jim Jiang
Conducted Emission	15.207	RSS-Gen 8.8	Pass	Jim Jiang
Conducted Band Edge and Spurious Emissions	15.247(d)	RSS-247 5.5	Pass	Jim Jiang
Radiated Band Edge and Spurious Emissions	15.205&15.209&15.247(d)	RSS-247 5.5	Pass	Jim Jiang
6dB Bandwidth	15.247(a)(2)	RSS-247 5.2 (a)	Pass	Jim Jiang
Occupied Bandwidth	/	RSS-Gen 6.7	Pass	Jim Jiang
Conducted Max Output Power	15.247(b)(3)	RSS-247 5.4 (d)	Pass	Jim Jiang
Power Spectral Density	15.247(e)	RSS-247 5.2 (b)	Pass	Jim Jiang
Transmitter Radiated Spurious	15.209&15.247(d)	RSS-247 5.5&RSS-Gen 8.9	Pass	Jim Jiang

Note:

- The measurement uncertainty is not included in the test result.
- 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 107, 108, 207, 208, 303 of Building A, Room 101 of Building B, No.7, Lanqing 1st Road, Luhuhu 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:	Shenzhen Xuanpai Technology Co., LTD
Address:	1501, Bldg 1, Yidao Bldg, No. 8, Guangke 1st Rd, Laokeng Community, Longtian St. Pingshan Dist., Shenzhen China
Manufacturer:	Shenzhen Xuanpai Technology Co., LTD
Address:	1501, Bldg 1, Yidao Bldg, No. 8, Guangke 1st Rd, Laokeng Community, Longtian St. Pingshan Dist., Shenzhen China

2.2. General Description of EUT

Product Name:	Metacube02
Trade Mark:	/
Model/Type reference:	Metacube02
Listed Model(s):	/
Model Difference:	/
Sample ID:	CTC240712-003-S001
Power Supply:	Input: 19.0V===7.89A
Hardware Version:	/
Software Version:	/
2.4G WiFi	
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:	PIFA Antenna
Antenna 1 Gain:	1.75dBi
Antenna 2 Gain:	1.81dBi
Directional Gain:	4.79dBi



2.3. Accessory Equipment Information

Equipment Information			
Name	Model	S/N	Manufacturer
Notebook	ThinkBook 14 G3 ACL	MP246QDR	Lenovo
AC Adapter	AY180AA-ZF190789M	/	AOYUAN
Cable Information			
Name	Shielded Type	Ferrite Core	Length
/	/	/	/
Test Software Information			
Name	Version	/	/
MT7922 QA	0.0.2.52	/	/

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 a 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:
The engineering test program was provided and enabled to make EUT continuous transmit.
For AC power line conducted emissions:
The engineering test program was provided and enabled to make EUT continuous transmit.
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.

Note: IEEE 802.11ax mode only supports full RU, so only the full RU is evaluated and measured inside 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	101331	Mar. 21, 2025
2	MXA Signal Analyzer	Keysight	N9020A	MY46471737	Dec. 12, 2025
3	MXG Vector Signal Generator	Agilent	N5182A	MY47420864	Dec. 12, 2025
4	PSG Analog Signal Generator	Agilent	E8257D	MY46521908	Dec. 12, 2025
5	EXG Analog Signal Generator	Keysight	N5173B	MY59100842	Dec. 12, 2025
6	MXG Vector Signal Generator	Keysight	N5182B	MY59100212	Dec. 12, 2025
7	USB Wideband Power Sensor	Keysight	U2021XA	MY55130004	Mar. 21, 2025
8	USB Wideband Power Sensor	Keysight	U2021XA	MY55130006	Mar. 21, 2025
9	Wideband Radio Communication Tester	R&S	CMW500	102414	Dec. 12, 2025
10	High and low temperature test chamber	ESPEC	MT3035	/	Mar. 21, 2025
11	RF Control Unit	Tonscend	JS0806-2	/	Aug. 21, 2025

Radiated Emission					
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Calibrated Until
1	Trilog-Broadband Antenna	Schwarzbeck	VULB 9163	01026	Dec. 24, 2025
2	Horn Antenna	Schwarzbeck	BBHA 9120D	9120D-647	Sep. 25, 2025
3	Test Receiver	Keysight	N9038A	MY56400071	Dec. 12, 2025
4	Broadband Amplifier	SCHWARZBECK	BBV9743B	259	Dec. 12, 2025
5	Mirowave Broadband Amplifier	SCHWARZBECK	BBV9718C	111	Dec. 12, 2025
6	3m chamber 3	YIHENG	EE106	/	Aug. 28, 2026
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, 2025
2	LISN	R&S	ENV216	101113	Dec. 12, 2025
3	EMI Test Receiver	R&S	ESCS30	100353	Dec. 12, 2025
4	ISN CAT6	Schwarzbeck	NTFM 8158	CAT6-8158-0046	Dec. 12, 2025
5	ISN CAT5	Schwarzbeck	NTFM 8158	CAT5-8158-0046	Dec. 12, 2025
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.

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Room 107, 108, 207, 208, 303 of Building A, Room 101 of Building B, No.7, Lanqing 1st Road, Luhui Community, Guanhu Subdistrict, Longhua District, Shenzhen, Guangdong, China Tel.: (86)755-27521059 Fax: (86)755-27521011 Http://www.sz-ctc.org.cn

TRF No: CTC-TR-057_A2

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3. TEST ITEM AND RESULTS

3.1. Conducted Emission

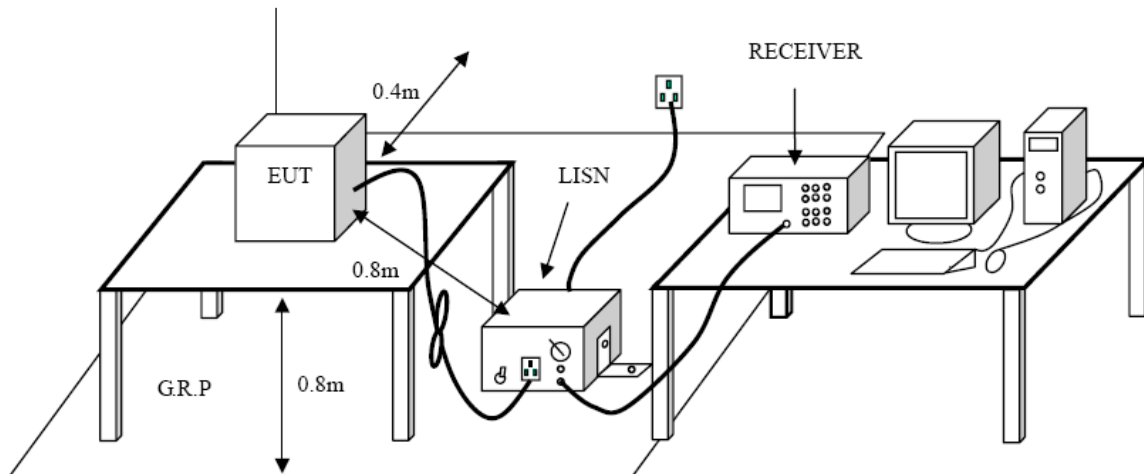
Limit

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

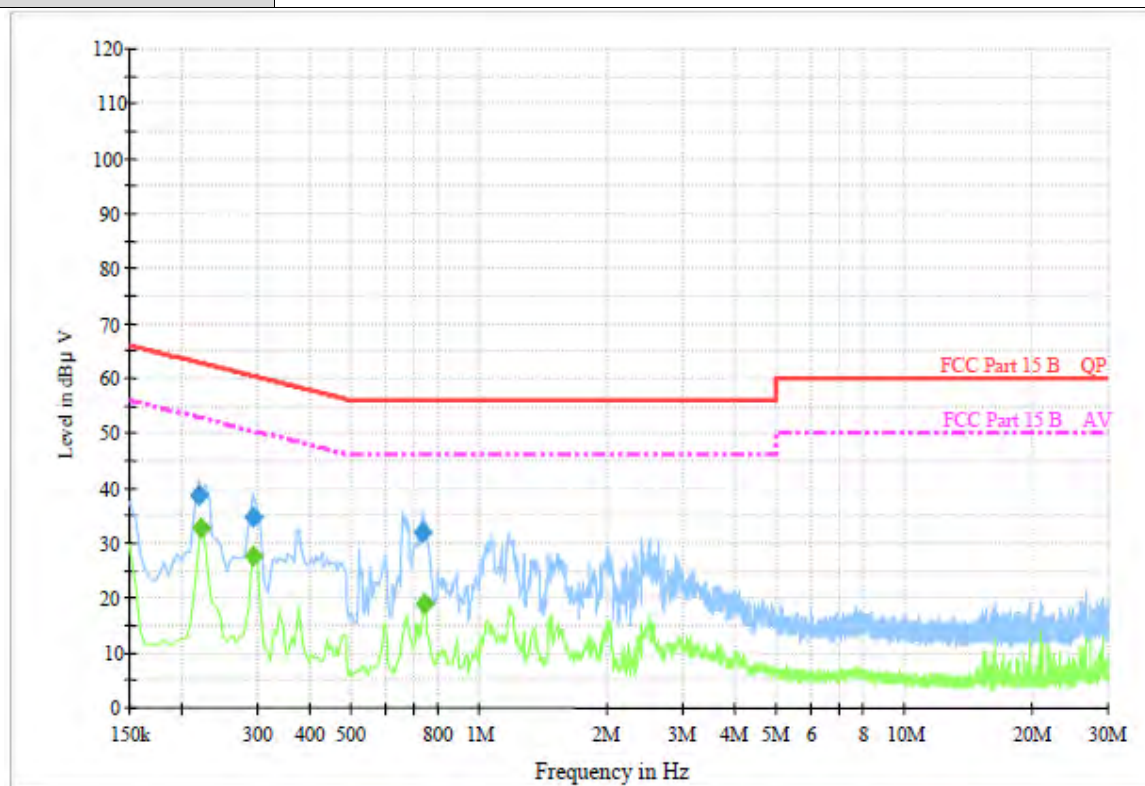
1. The EUT was setup according to ANSI C63.10:2013 requirements.
2. The EUT was placed on a platform of nominal size, 1 m by 1.5 m, raised 80 cm above the conducting ground plane. The vertical conducting plane was located 40 cm to the rear of the EUT. All other surfaces of EUT were at least 80 cm from 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
0.217500	38.6	1000.00	9.000	On	L1	9.5	24.3	62.9	
0.294000	34.6	1000.00	9.000	On	L1	9.5	25.8	60.4	
0.735000	31.9	1000.00	9.000	On	L1	9.5	24.1	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
0.222000	32.9	1000.00	9.000	On	L1	9.5	19.8	52.7	
0.294000	27.7	1000.00	9.000	On	L1	9.5	22.7	50.4	
0.739500	19.1	1000.00	9.000	On	L1	9.5	26.9	46.0	

Emission Level = Read Level + Correct Factor

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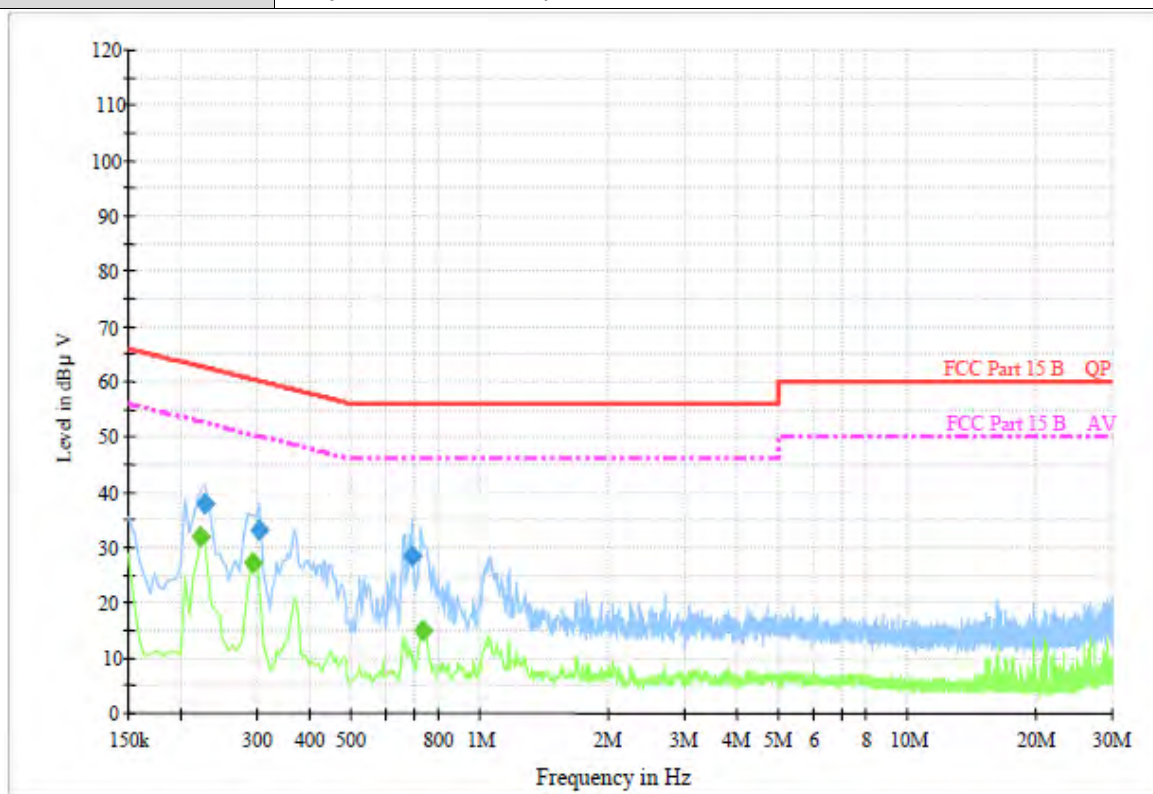
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Test Voltage:	AC 120V/60Hz
Terminal:	Neutral
Remark:	Only worse case is reported.



Final Measurement Detector 1

Frequency (MHz)	QuasiPeak (dBµ V)	Meas. Time (ms)	Bandwidth (kHz)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµ V)	Comment
0.226500	38.0	1000.00	9.000	On	N	9.4	24.6	62.6	
0.303000	33.2	1000.00	9.000	On	N	9.4	27.0	60.2	
0.694500	28.5	1000.00	9.000	On	N	9.4	27.5	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
0.222000	31.8	1000.00	9.000	On	N	9.4	20.9	52.7	
0.294000	27.4	1000.00	9.000	On	N	9.4	23.0	50.4	
0.735000	15.0	1000.00	9.000	On	N	9.4	31.0	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

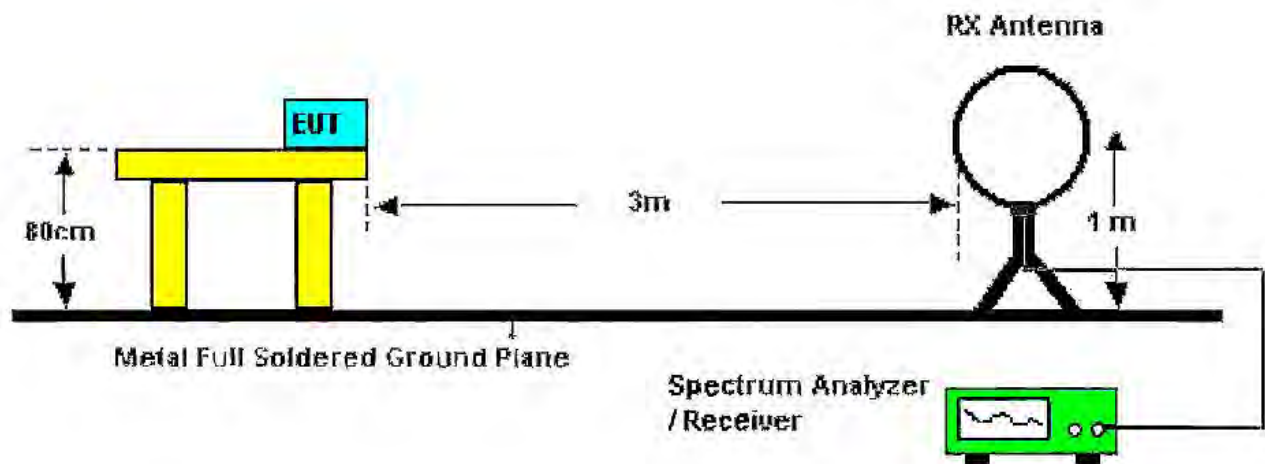
Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009~0.490	2400/F (kHz)	300
0.490~1.705	24000/F (kHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
960~1000	500	3

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

Note:

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

Test Configuration



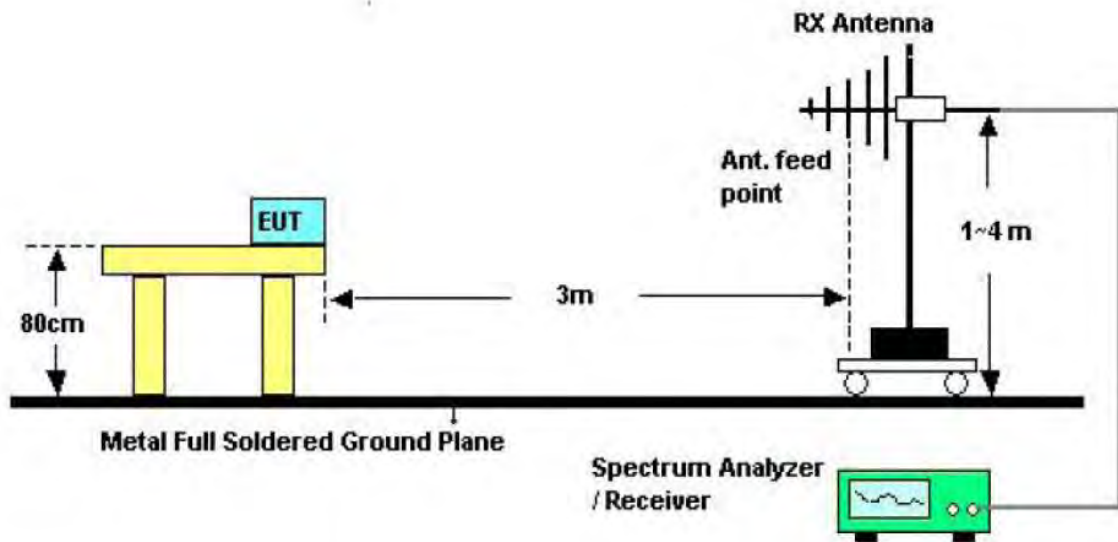
Below 30MHz Test Setup

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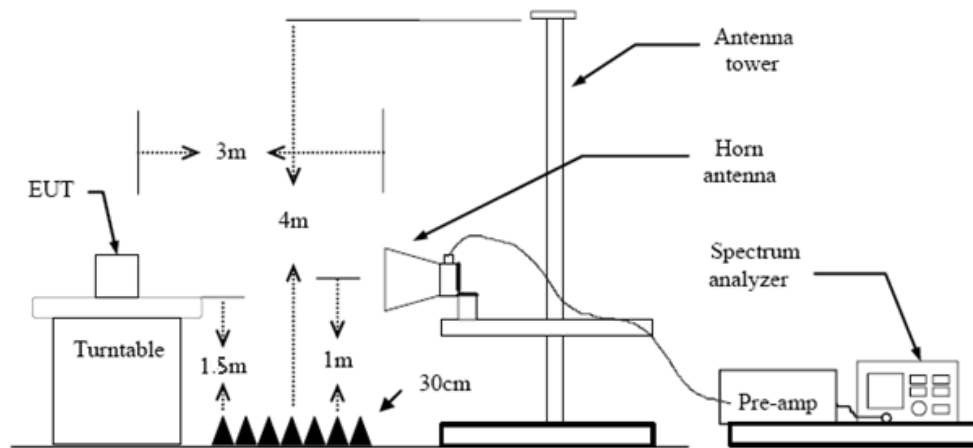
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30-1000MHz Test Setup



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.

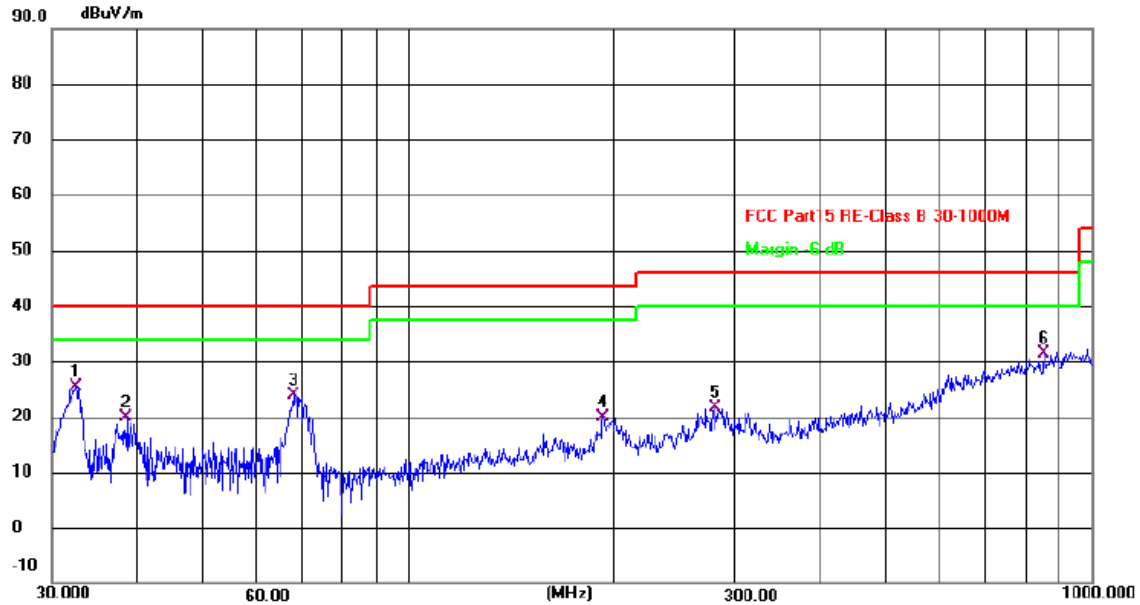
Note:

1. The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.
2. Pre-scan all antenna, only show the test data for worse case antenna on the test report.



30MHz-1GHz

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



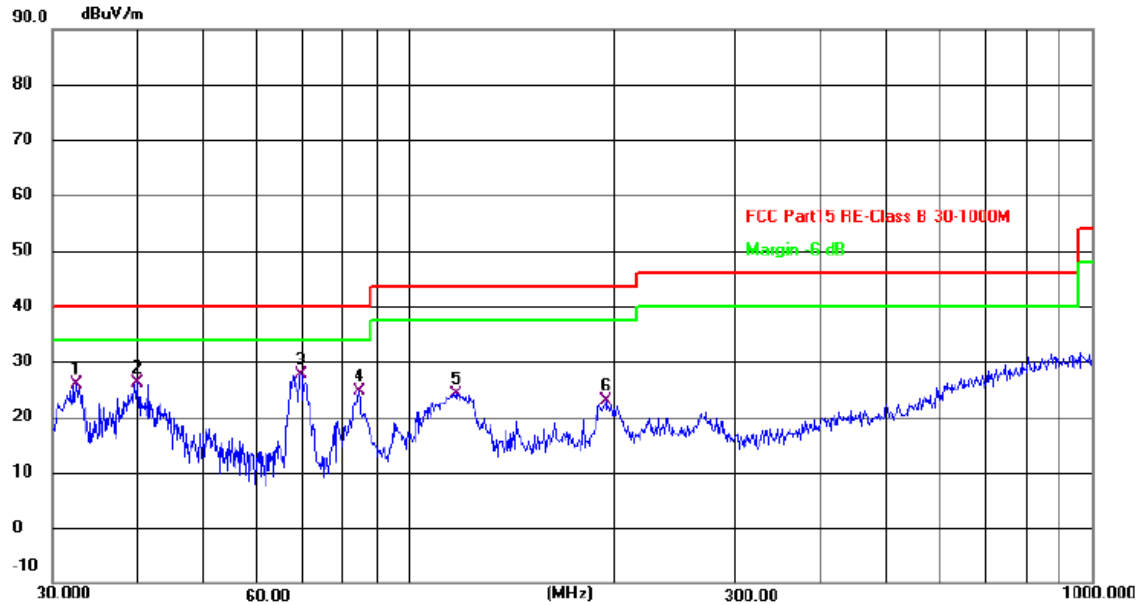
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	32.5197	41.71	-16.41	25.30	40.00	-14.70	QP
2	38.6160	35.86	-15.95	19.91	40.00	-20.09	QP
3	67.6751	42.33	-18.41	23.92	40.00	-16.08	QP
4	192.4185	38.89	-19.00	19.89	43.50	-23.61	QP
5	281.0074	38.05	-16.41	21.64	46.00	-24.36	QP
6 *	851.0353	34.68	-3.25	31.43	46.00	-14.57	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	32.5198	42.29	-16.41	25.88	40.00	-14.12	QP
2	39.9942	41.94	-15.81	26.13	40.00	-13.87	QP
3 *	69.3568	46.40	-18.70	27.70	40.00	-12.30	QP
4	84.4054	45.46	-20.74	24.72	40.00	-15.28	QP
5	116.9495	42.54	-18.32	24.22	43.50	-19.28	QP
6	193.7728	41.90	-19.10	22.80	43.50	-20.70	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.						

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2966.167	44.18	-2.19	41.99	74.00	-32.01	peak
2	3851.333	43.29	-0.05	43.24	74.00	-30.76	peak
3	5766.583	42.32	4.79	47.11	74.00	-26.89	peak
4	7149.167	39.07	9.75	48.82	74.00	-25.18	peak
5	8919.500	40.36	11.57	51.93	74.00	-22.07	peak
6 *	12268.250	37.98	15.64	53.62	74.00	-20.38	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 802.11b 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	2966.167	41.93	-2.19	39.74	74.00	-34.26	peak
2	4689.500	40.26	1.78	42.04	74.00	-31.96	peak
3	6455.917	38.90	7.21	46.11	74.00	-27.89	peak
4	7940.333	39.05	10.73	49.78	74.00	-24.22	peak
5	9651.917	39.40	12.69	52.09	74.00	-21.91	peak
6 *	12064.583	38.06	15.54	53.60	74.00	-20.40	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	2966.167	44.51	-2.19	42.32	74.00	-31.68	peak
2	3894.417	42.04	0.13	42.17	74.00	-31.83	peak
3	5151.667	41.10	2.72	43.82	74.00	-30.18	peak
4	6389.333	38.88	7.02	45.90	74.00	-28.10	peak
5	8010.833	39.39	10.84	50.23	74.00	-23.77	peak
6 *	11101.083	38.73	14.72	53.45	74.00	-20.55	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 802.11b 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	2966.167	42.98	-2.19	40.79	74.00	-33.21	peak
2	4352.667	41.57	1.03	42.60	74.00	-31.40	peak
3	7180.500	38.02	9.91	47.93	74.00	-26.07	peak
4	9048.750	39.19	11.85	51.04	74.00	-22.96	peak
5	10219.833	38.99	13.61	52.60	74.00	-21.40	peak
6 *	12464.083	37.79	15.68	53.47	74.00	-20.53	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 802.11b 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	2966.167	43.11	-2.19	40.92	74.00	-33.08	peak
2	3898.333	40.79	0.14	40.93	74.00	-33.07	peak
3	5214.333	39.90	2.91	42.81	74.00	-31.19	peak
4	7153.083	38.22	9.77	47.99	74.00	-26.01	peak
5	9256.333	40.39	12.42	52.81	74.00	-21.19	peak
6 *	12503.250	37.92	15.78	53.70	74.00	-20.30	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 802.11b 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	2966.167	43.85	-2.19	41.66	74.00	-32.34	peak
2	5139.917	40.28	2.69	42.97	74.00	-31.03	peak
3	6029.000	39.46	5.74	45.20	74.00	-28.80	peak
4	7184.417	38.30	9.93	48.23	74.00	-25.77	peak
5	9107.500	38.30	12.05	50.35	74.00	-23.65	peak
6 *	11657.250	38.15	15.12	53.27	74.00	-20.73	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.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2966.167	43.25	-2.19	41.06	74.00	-32.94	peak
2	4352.667	40.28	1.03	41.31	74.00	-32.69	peak
3	5523.750	40.10	3.84	43.94	74.00	-30.06	peak
4	7121.750	39.51	9.60	49.11	74.00	-24.89	peak
5	9460.000	39.62	12.56	52.18	74.00	-21.82	peak
6 *	11982.333	38.18	15.42	53.60	74.00	-20.40	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.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2966.167	43.00	-2.19	40.81	74.00	-33.19	peak
2	4333.083	41.19	1.00	42.19	74.00	-31.81	peak
3	6479.417	38.63	7.27	45.90	74.00	-28.10	peak
4	7615.250	38.93	10.09	49.02	74.00	-24.98	peak
5	9573.583	39.17	12.59	51.76	74.00	-22.24	peak
6 *	11175.500	38.65	14.75	53.40	74.00	-20.60	peak

Remarks:

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

2.Margin value = Level -Limit value



Ant. No.	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.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2966.167	44.44	-2.19	42.25	74.00	-31.75	peak
2	5120.333	40.04	2.63	42.67	74.00	-31.33	peak
3	6549.917	38.99	7.45	46.44	74.00	-27.56	peak
4	7901.167	39.18	10.64	49.82	74.00	-24.18	peak
5	9839.917	39.45	12.99	52.44	74.00	-21.56	peak
6 *	12393.583	38.01	15.50	53.51	74.00	-20.49	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 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	2966.167	42.68	-2.19	40.49	74.00	-33.51	peak
2	4356.583	41.40	1.04	42.44	74.00	-31.56	peak
3	6471.583	40.41	7.24	47.65	74.00	-26.35	peak
4	8821.583	39.73	11.43	51.16	74.00	-22.84	peak
5	10012.250	39.26	13.20	52.46	74.00	-21.54	peak
6 *	11246.000	38.64	14.78	53.42	74.00	-20.58	peak

Remarks:

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

2.Margin value = Level -Limit value



Ant. No.	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.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2966.167	43.39	-2.19	41.20	74.00	-32.80	peak
2	3972.750	40.64	0.44	41.08	74.00	-32.92	peak
3	5660.833	39.57	4.36	43.93	74.00	-30.07	peak
4	8194.917	40.57	10.37	50.94	74.00	-23.06	peak
5	10031.833	37.89	13.24	51.13	74.00	-22.87	peak
6 *	12471.917	37.86	15.70	53.56	74.00	-20.44	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.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2966.167	43.09	-2.19	40.90	74.00	-33.10	peak
2	4736.500	40.40	1.86	42.26	74.00	-31.74	peak
3	7294.083	38.35	10.06	48.41	74.00	-25.59	peak
4	8375.083	39.69	10.51	50.20	74.00	-23.80	peak
5	9526.583	39.41	12.59	52.00	74.00	-22.00	peak
6 *	12033.250	37.66	15.50	53.16	74.00	-20.84	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 2
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.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2966.167	45.06	-2.19	42.87	74.00	-31.13	peak
2	4372.250	41.86	1.07	42.93	74.00	-31.07	peak
3	6518.583	39.55	7.37	46.92	74.00	-27.08	peak
4	8081.333	39.06	10.67	49.73	74.00	-24.27	peak
5	9937.833	39.56	13.11	52.67	74.00	-21.33	peak
6 *	12370.083	38.06	15.52	53.58	74.00	-20.42	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 2
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.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2966.167	43.31	-2.19	41.12	74.00	-32.88	peak
2	3847.417	40.97	-0.06	40.91	74.00	-33.09	peak
3	5519.833	39.67	3.82	43.49	74.00	-30.51	peak
4	7192.250	38.33	9.98	48.31	74.00	-25.69	peak
5	9550.083	39.66	12.58	52.24	74.00	-21.76	peak
6 *	11586.750	38.53	15.10	53.63	74.00	-20.37	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 2
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.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2966.167	44.32	-2.19	42.13	74.00	-31.87	peak
2	4364.417	40.72	1.05	41.77	74.00	-32.23	peak
3	6577.333	38.53	7.52	46.05	74.00	-27.95	peak
4	8343.750	39.16	10.48	49.64	74.00	-24.36	peak
5	10020.083	38.39	13.22	51.61	74.00	-22.39	peak
6 *	11864.833	38.28	15.20	53.48	74.00	-20.52	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 2
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.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2966.167	42.33	-2.19	40.14	74.00	-33.86	peak
2	4646.417	40.36	1.69	42.05	74.00	-31.95	peak
3	6405.000	38.65	7.08	45.73	74.00	-28.27	peak
4	8312.417	40.09	10.45	50.54	74.00	-23.46	peak
5	10400.000	39.02	13.89	52.91	74.00	-21.09	peak
6 *	11692.500	38.08	15.11	53.19	74.00	-20.81	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 2
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.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2966.167	44.17	-2.19	41.98	74.00	-32.02	peak
2	4368.333	40.01	1.06	41.07	74.00	-32.93	peak
3	5723.500	38.81	4.62	43.43	74.00	-30.57	peak
4	7282.333	38.00	10.05	48.05	74.00	-25.95	peak
5	9597.083	39.29	12.60	51.89	74.00	-22.11	peak
6 *	11747.333	38.59	15.10	53.69	74.00	-20.31	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 2
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.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2966.167	42.43	-2.19	40.24	74.00	-33.76	peak
2	5100.750	40.27	2.57	42.84	74.00	-31.16	peak
3	6373.667	38.85	6.96	45.81	74.00	-28.19	peak
4	7838.500	39.39	10.51	49.90	74.00	-24.10	peak
5	11054.083	38.27	14.69	52.96	74.00	-21.04	peak
6 *	12577.667	37.73	16.01	53.74	74.00	-20.26	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 2
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.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2966.167	43.76	-2.19	41.57	74.00	-32.43	peak
2	4431.000	41.04	1.20	42.24	74.00	-31.76	peak
3	6385.417	38.88	7.01	45.89	74.00	-28.11	peak
4	8010.833	38.38	10.84	49.22	74.00	-24.78	peak
5	9225.000	38.49	12.39	50.88	74.00	-23.12	peak
6 *	11512.333	38.49	14.98	53.47	74.00	-20.53	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 2
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.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2966.167	43.43	-2.19	41.24	74.00	-32.76	peak
2	4356.583	40.80	1.04	41.84	74.00	-32.16	peak
3	5179.083	40.69	2.82	43.51	74.00	-30.49	peak
4	7164.833	38.91	9.83	48.74	74.00	-25.26	peak
5	8770.667	40.51	11.34	51.85	74.00	-22.15	peak
6 *	11234.250	38.52	14.78	53.30	74.00	-20.70	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 2
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.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2966.167	43.71	-2.19	41.52	74.00	-32.48	peak
2	4344.833	40.40	1.02	41.42	74.00	-32.58	peak
3	5982.000	38.36	5.58	43.94	74.00	-30.06	peak
4	7172.667	38.70	9.87	48.57	74.00	-25.43	peak
5	9444.333	38.39	12.56	50.95	74.00	-23.05	peak
6 *	12483.667	37.72	15.74	53.46	74.00	-20.54	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 2
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.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2966.167	42.31	-2.19	40.12	74.00	-33.88	peak
2	4337.000	41.35	0.99	42.34	74.00	-31.66	peak
3	6651.750	38.83	7.67	46.50	74.00	-27.50	peak
4	7987.333	39.57	10.83	50.40	74.00	-23.60	peak
5	9816.417	38.31	12.96	51.27	74.00	-22.73	peak
6 *	11504.500	38.43	14.96	53.39	74.00	-20.61	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 2
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.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2966.167	43.71	-2.19	41.52	74.00	-32.48	peak
2	5194.750	40.03	2.85	42.88	74.00	-31.12	peak
3	6495.083	37.96	7.31	45.27	74.00	-28.73	peak
4	7995.167	39.08	10.86	49.94	74.00	-24.06	peak
5	9812.500	39.09	12.96	52.05	74.00	-21.95	peak
6 *	12060.667	37.73	15.53	53.26	74.00	-20.74	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 2
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.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2966.167	42.52	-2.19	40.33	74.00	-33.67	peak
2	4380.083	40.78	1.08	41.86	74.00	-32.14	peak
3	5566.833	39.25	3.99	43.24	74.00	-30.76	peak
4	7137.417	39.49	9.68	49.17	74.00	-24.83	peak
5	9483.500	38.94	12.58	51.52	74.00	-22.48	peak
6 *	12084.167	37.57	15.57	53.14	74.00	-20.86	peak

Remarks:

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

2.Margin value = Level -Limit value



Ant. No.	Ant 1 + Ant 2
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.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2966.167	43.45	-2.19	41.26	74.00	-32.74	peak
2	5167.333	40.66	2.78	43.44	74.00	-30.56	peak
3	6338.417	39.31	6.81	46.12	74.00	-27.88	peak
4	7920.750	39.80	10.69	50.49	74.00	-23.51	peak
5	9479.583	38.60	12.57	51.17	74.00	-22.83	peak
6 *	12354.417	38.02	15.54	53.56	74.00	-20.44	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 2
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	2793.833	42.31	-2.60	39.71	74.00	-34.29	peak
2	3635.917	42.52	-0.73	41.79	74.00	-32.21	peak
3	5139.917	40.20	2.69	42.89	74.00	-31.11	peak
4	7211.833	38.46	10.03	48.49	74.00	-25.51	peak
5	9679.333	39.71	12.74	52.45	74.00	-21.55	peak
6 *	11253.833	38.46	14.79	53.25	74.00	-20.75	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 2
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.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2966.167	43.80	-2.19	41.61	74.00	-32.39	peak
2	4094.167	41.19	0.62	41.81	74.00	-32.19	peak
3	6420.667	39.99	7.12	47.11	74.00	-26.89	peak
4	8253.667	39.57	10.40	49.97	74.00	-24.03	peak
5	9546.167	38.88	12.59	51.47	74.00	-22.53	peak
6 *	12436.667	37.80	15.59	53.39	74.00	-20.61	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 2
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.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2966.167	42.67	-2.19	40.48	74.00	-33.52	peak
2	4736.500	39.97	1.86	41.83	74.00	-32.17	peak
3	7168.750	39.08	9.85	48.93	74.00	-25.07	peak
4	8379.000	39.69	10.52	50.21	74.00	-23.79	peak
5	9287.667	39.87	12.44	52.31	74.00	-21.69	peak
6 *	11316.500	38.71	14.82	53.53	74.00	-20.47	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 2
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.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2966.167	43.61	-2.19	41.42	74.00	-32.58	peak
2	4317.417	41.71	0.96	42.67	74.00	-31.33	peak
3	6495.083	39.16	7.31	46.47	74.00	-27.53	peak
4	7971.667	39.28	10.81	50.09	74.00	-23.91	peak
5	9248.500	38.98	12.41	51.39	74.00	-22.61	peak
6 *	11343.917	38.78	14.83	53.61	74.00	-20.39	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 2
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.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2966.167	42.46	-2.19	40.27	74.00	-33.73	peak
2	4008.000	41.10	0.55	41.65	74.00	-32.35	peak
3	6358.000	38.31	6.89	45.20	74.00	-28.80	peak
4	7967.750	39.18	10.80	49.98	74.00	-24.02	peak
5	9479.583	39.49	12.57	52.06	74.00	-21.94	peak
6 *	11994.083	37.85	15.44	53.29	74.00	-20.71	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 2
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.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2966.167	44.13	-2.19	41.94	74.00	-32.06	peak
2	5163.417	39.34	2.76	42.10	74.00	-31.90	peak
3	6847.583	38.75	8.15	46.90	74.00	-27.10	peak
4	8688.417	39.20	11.20	50.40	74.00	-23.60	peak
5	9961.333	38.60	13.13	51.73	74.00	-22.27	peak
6 *	12374.000	37.80	15.52	53.32	74.00	-20.68	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 2
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.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2966.167	42.32	-2.19	40.13	74.00	-33.87	peak
2	5069.417	40.14	2.47	42.61	74.00	-31.39	peak
3	6463.750	38.80	7.23	46.03	74.00	-27.97	peak
4	7940.333	39.18	10.73	49.91	74.00	-24.09	peak
5	9503.083	39.00	12.58	51.58	74.00	-22.42	peak
6 *	12009.750	37.82	15.46	53.28	74.00	-20.72	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 2
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.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2966.167	44.16	-2.19	41.97	74.00	-32.03	peak
2	4380.083	40.89	1.08	41.97	74.00	-32.03	peak
3	6471.583	38.68	7.24	45.92	74.00	-28.08	peak
4	7254.917	39.97	10.04	50.01	74.00	-23.99	peak
5	9201.500	39.04	12.37	51.41	74.00	-22.59	peak
6 *	11563.250	37.96	15.06	53.02	74.00	-20.98	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 2
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.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2966.167	42.85	-2.19	40.66	74.00	-33.34	peak
2	5586.417	40.30	4.06	44.36	74.00	-29.64	peak
3	6910.250	39.05	8.48	47.53	74.00	-26.47	peak
4	8433.833	39.21	10.61	49.82	74.00	-24.18	peak
5	10027.917	39.36	13.24	52.60	74.00	-21.40	peak
6 *	12025.417	37.83	15.48	53.31	74.00	-20.69	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 2
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.

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2966.167	44.08	-2.19	41.89	74.00	-32.11	peak
2	5104.667	39.23	2.58	41.81	74.00	-32.19	peak
3	6459.833	38.86	7.22	46.08	74.00	-27.92	peak
4	8332.000	39.94	10.48	50.42	74.00	-23.58	peak
5	9757.667	39.25	12.87	52.12	74.00	-21.88	peak
6 *	11551.500	38.45	15.05	53.50	74.00	-20.50	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 2
Ant. Pol.	Vertical
Test Mode:	TX 802.11ax(HE40) Mode 2452MHz
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	2966.167	43.00	-2.19	40.81	74.00	-33.19	peak
2	4709.083	39.42	1.81	41.23	74.00	-32.77	peak
3	6334.500	40.13	6.80	46.93	74.00	-27.07	peak
4	7348.917	39.39	10.08	49.47	74.00	-24.53	peak
5	9636.250	38.23	12.67	50.90	74.00	-23.10	peak
6 *	11719.917	38.19	15.11	53.30	74.00	-20.70	peak

Remarks:

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

2.Margin value = Level -Limit value

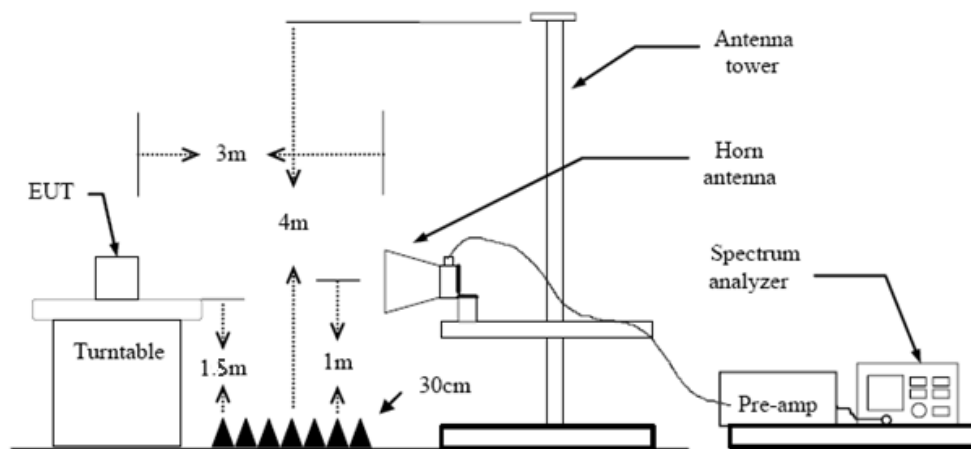
3.3. Band Edge Emissions (Radiated)

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

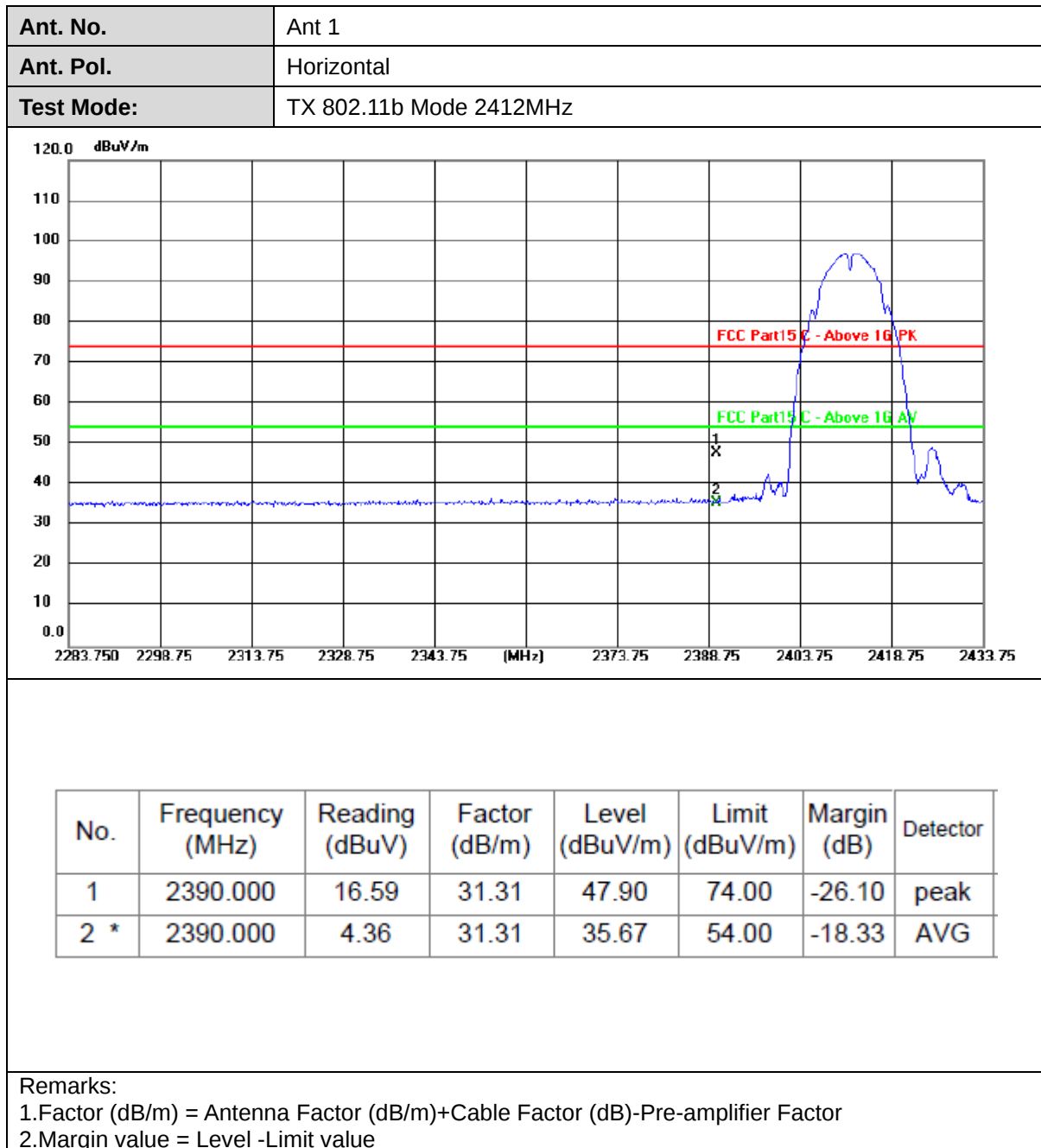
1. The EUT was setup and tested according to ANSI C63.10:2013 requirements.
2. The EUT is placed on a turn table which is 1.5 meter above ground. The turn table is rotated 360 degrees to determine the position of the maximum emission level.
3. The EUT was positioned such that the distance from antenna 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.

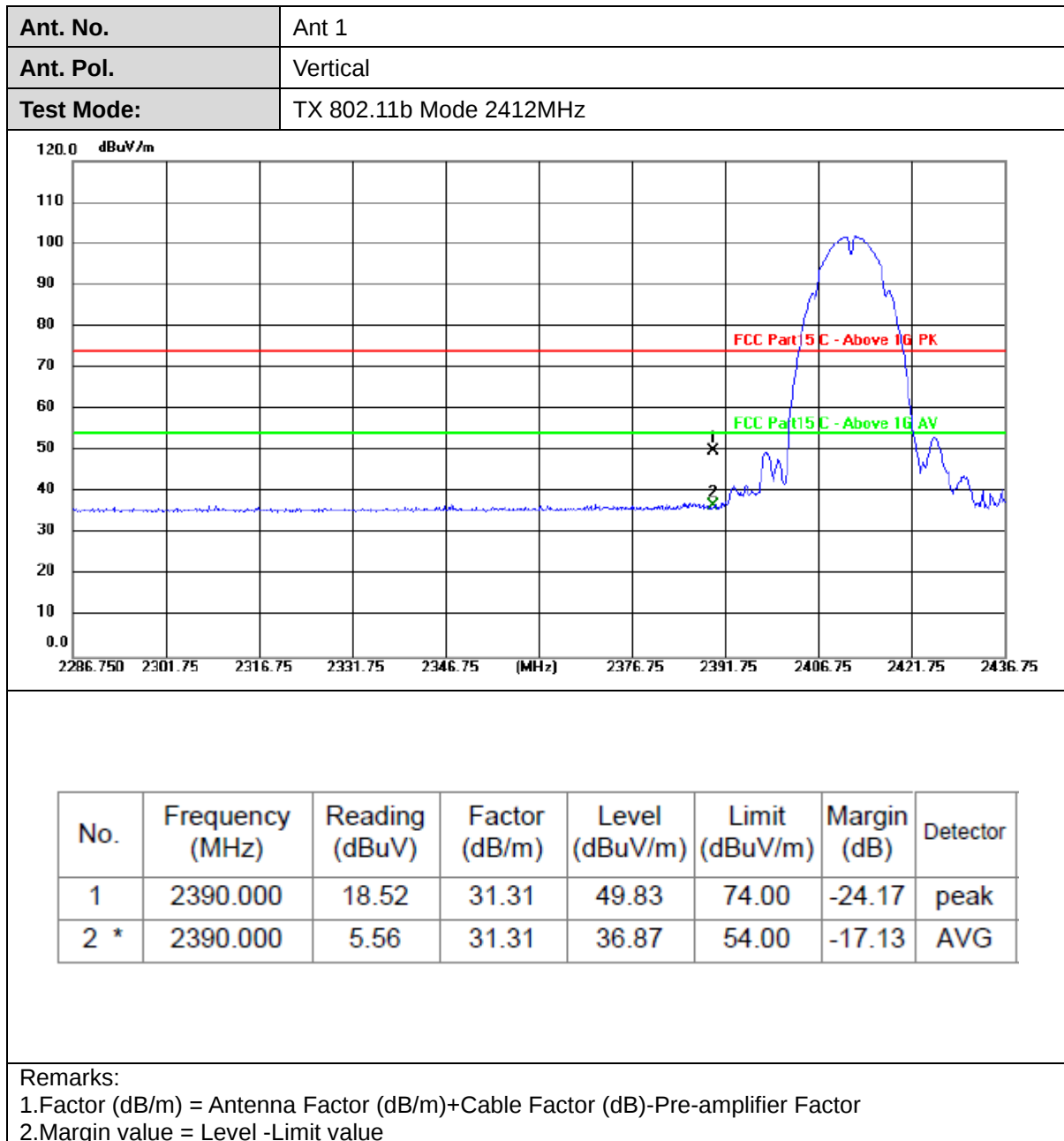
Note 1: For measurements above 1 GHz the resolution bandwidth is set to 1 MHz, then the video bandwidth is set to 3 MHz for peak measurements and 1 MHz resolution bandwidth with 1/T video bandwidth with peak detector for average measurements. For the Duty Cycle please refer to clause 3.8 Duty Cycle.

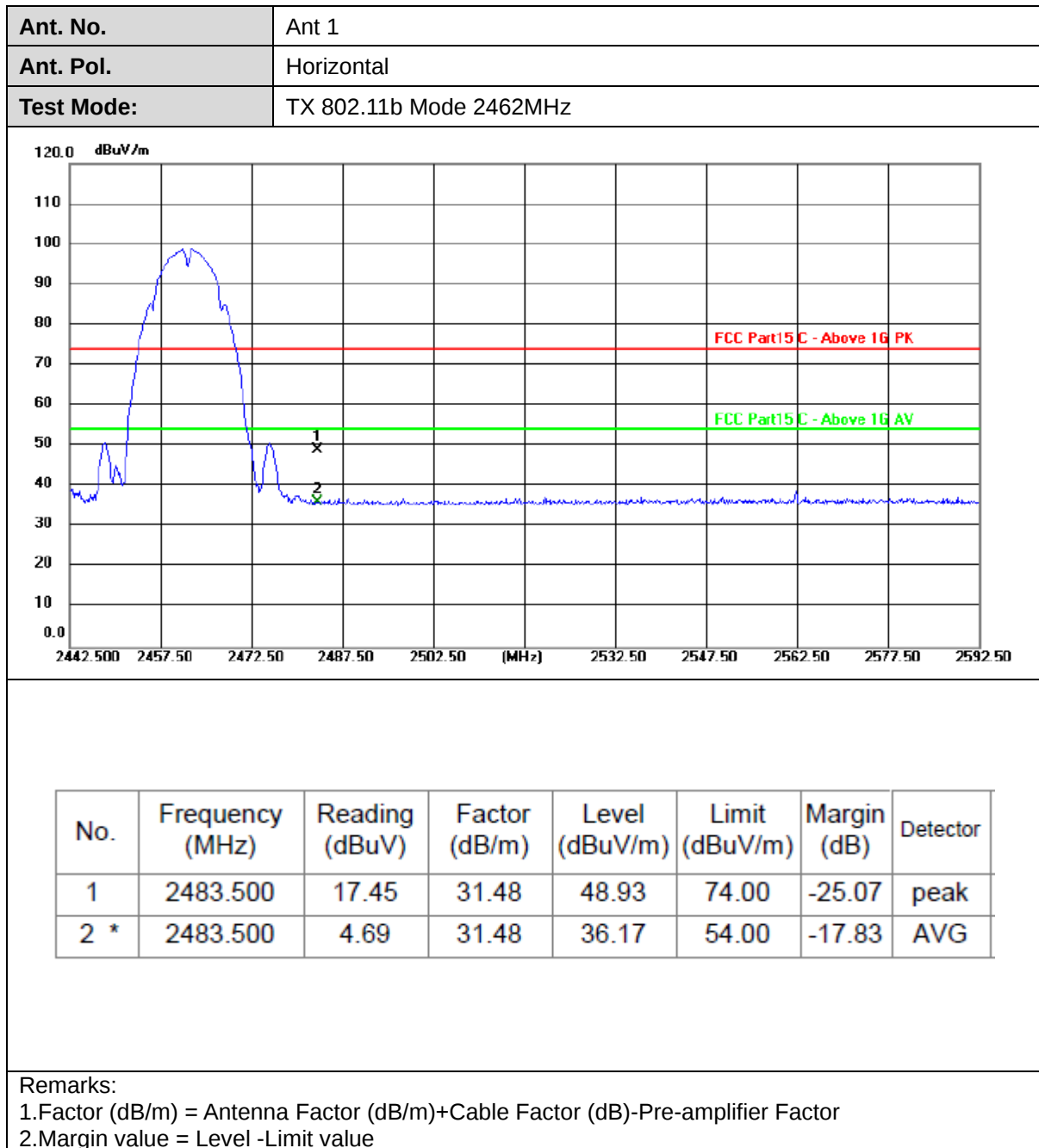
Test Mode

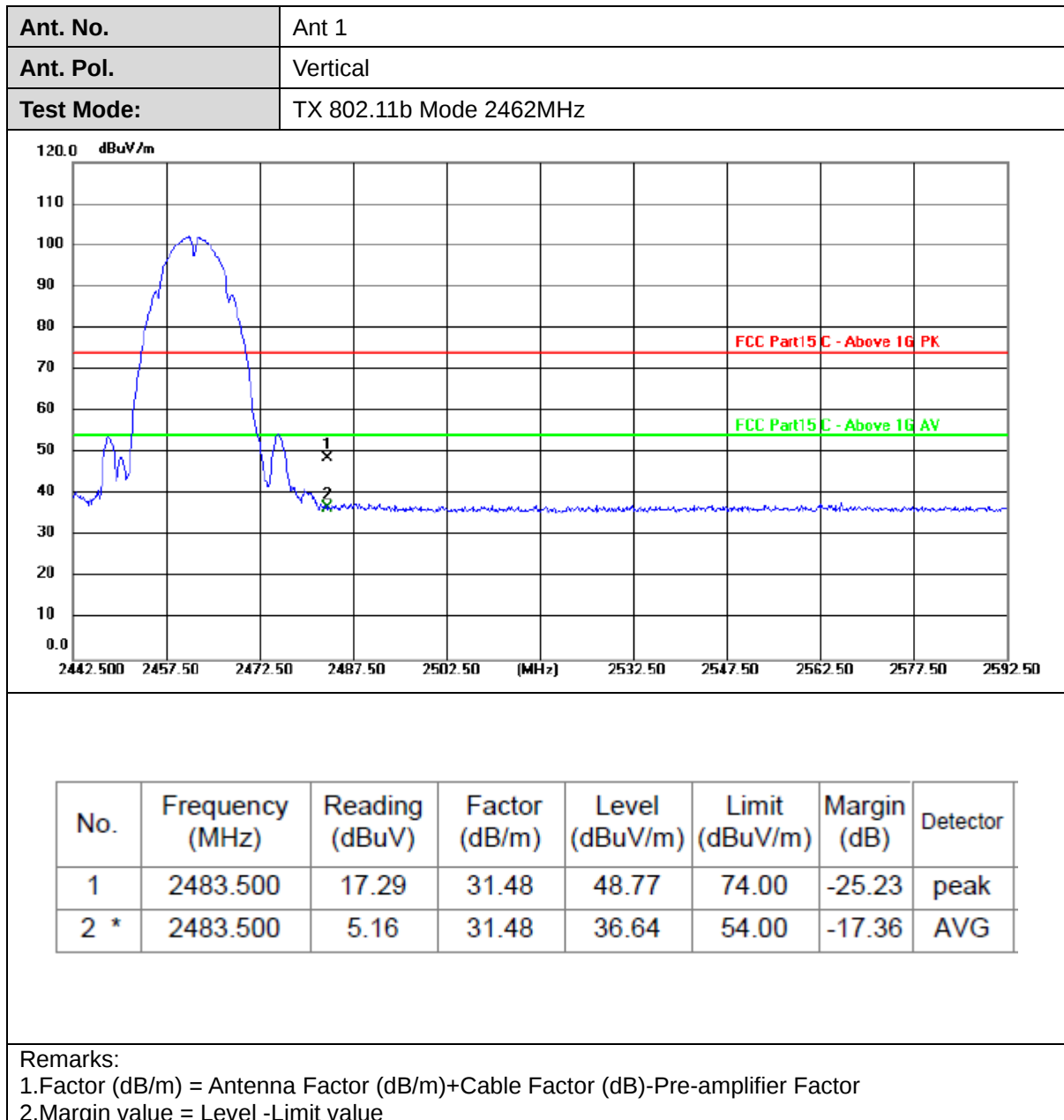
Please refer to the clause 2.4.

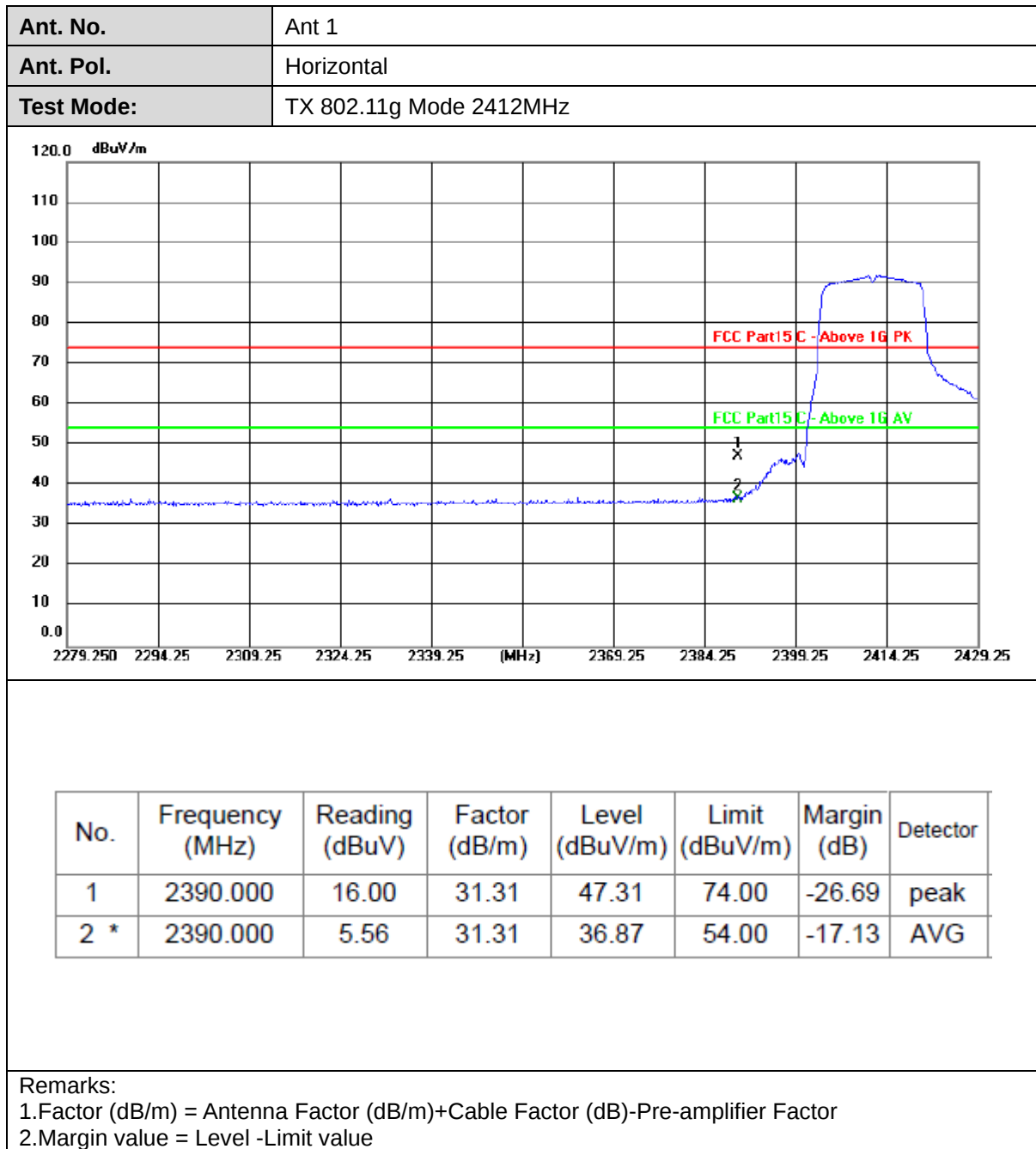
Note: Pre-scan all antenna, only show the test data for worse case antenna on the test report.

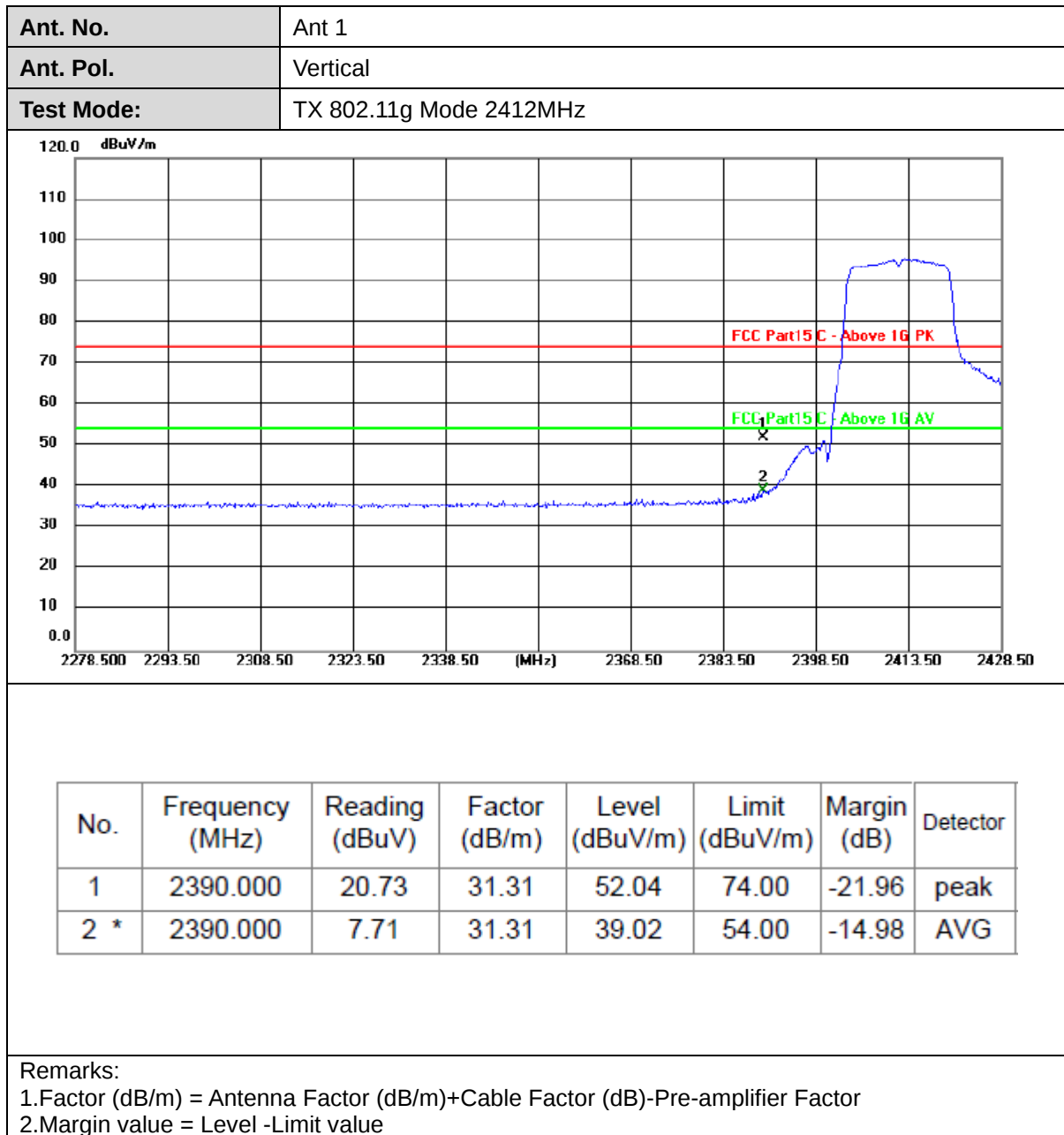
**Test Result**

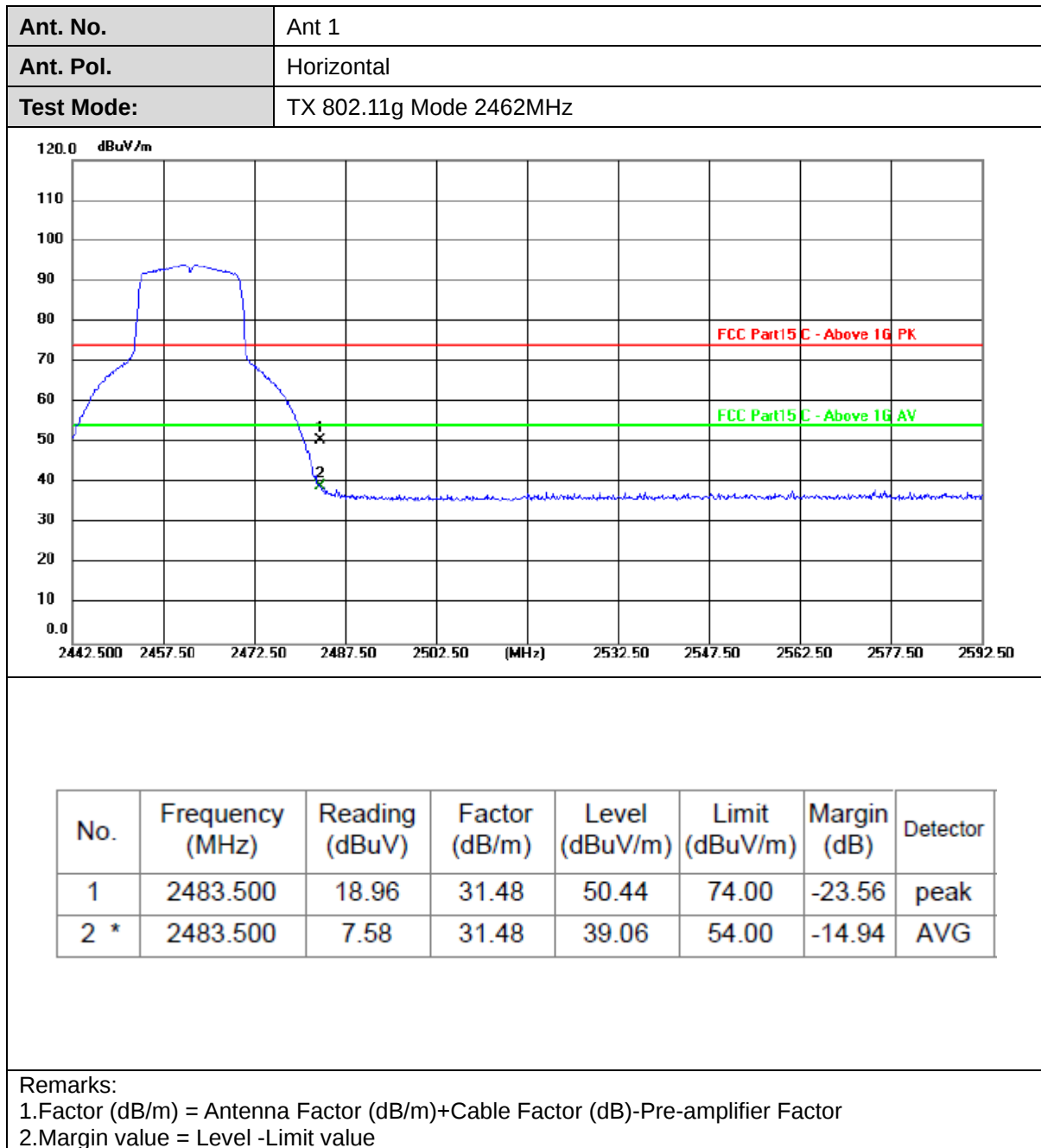


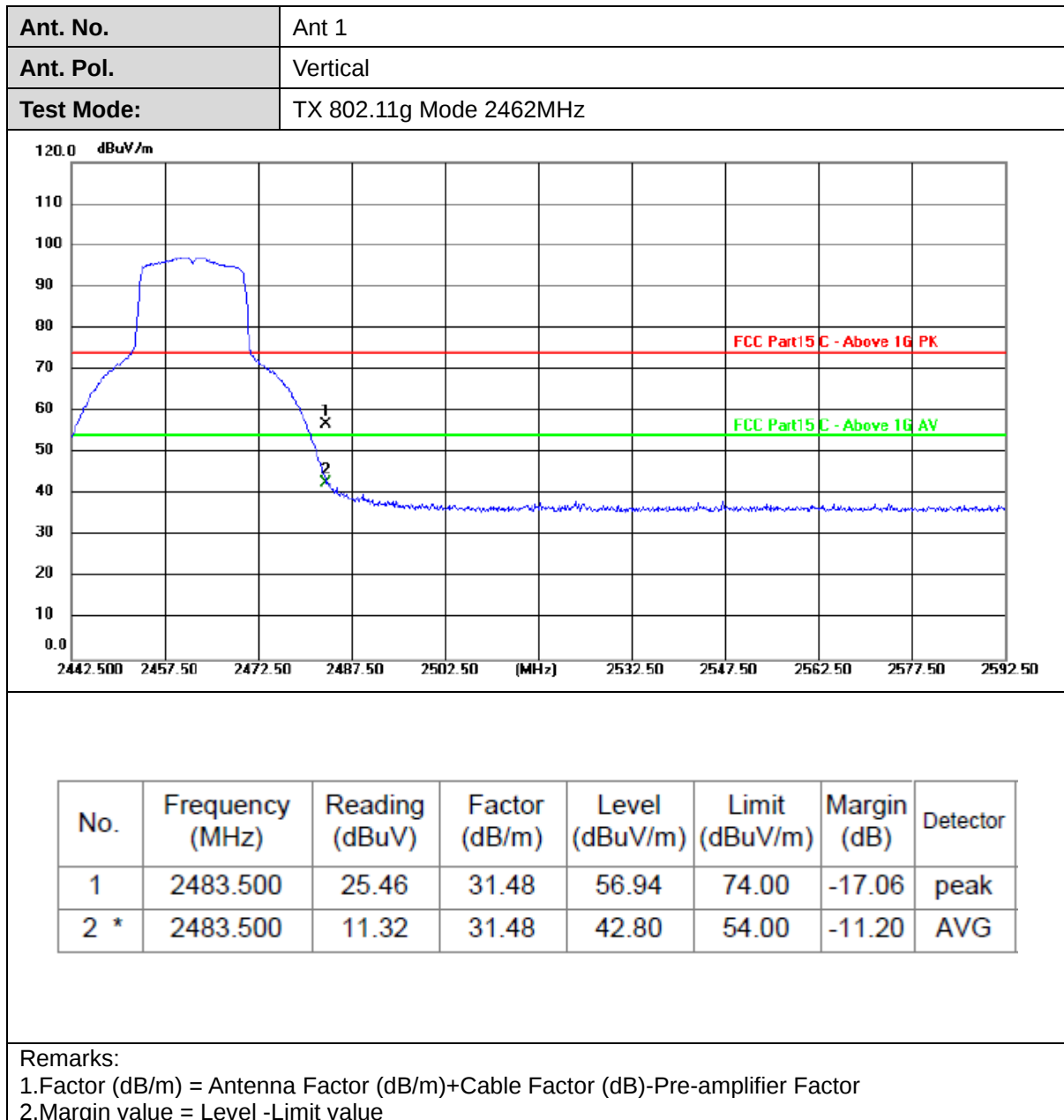


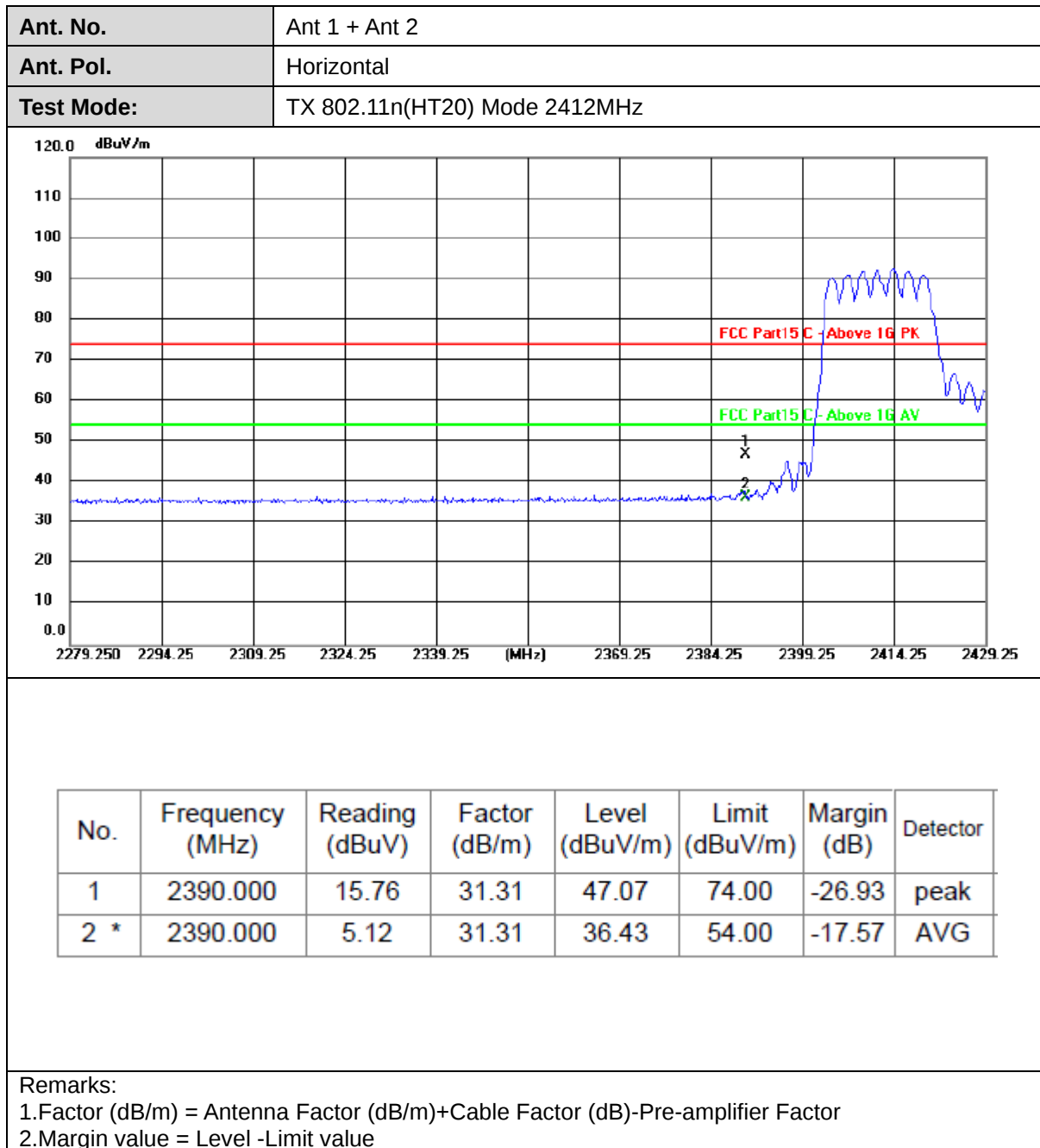


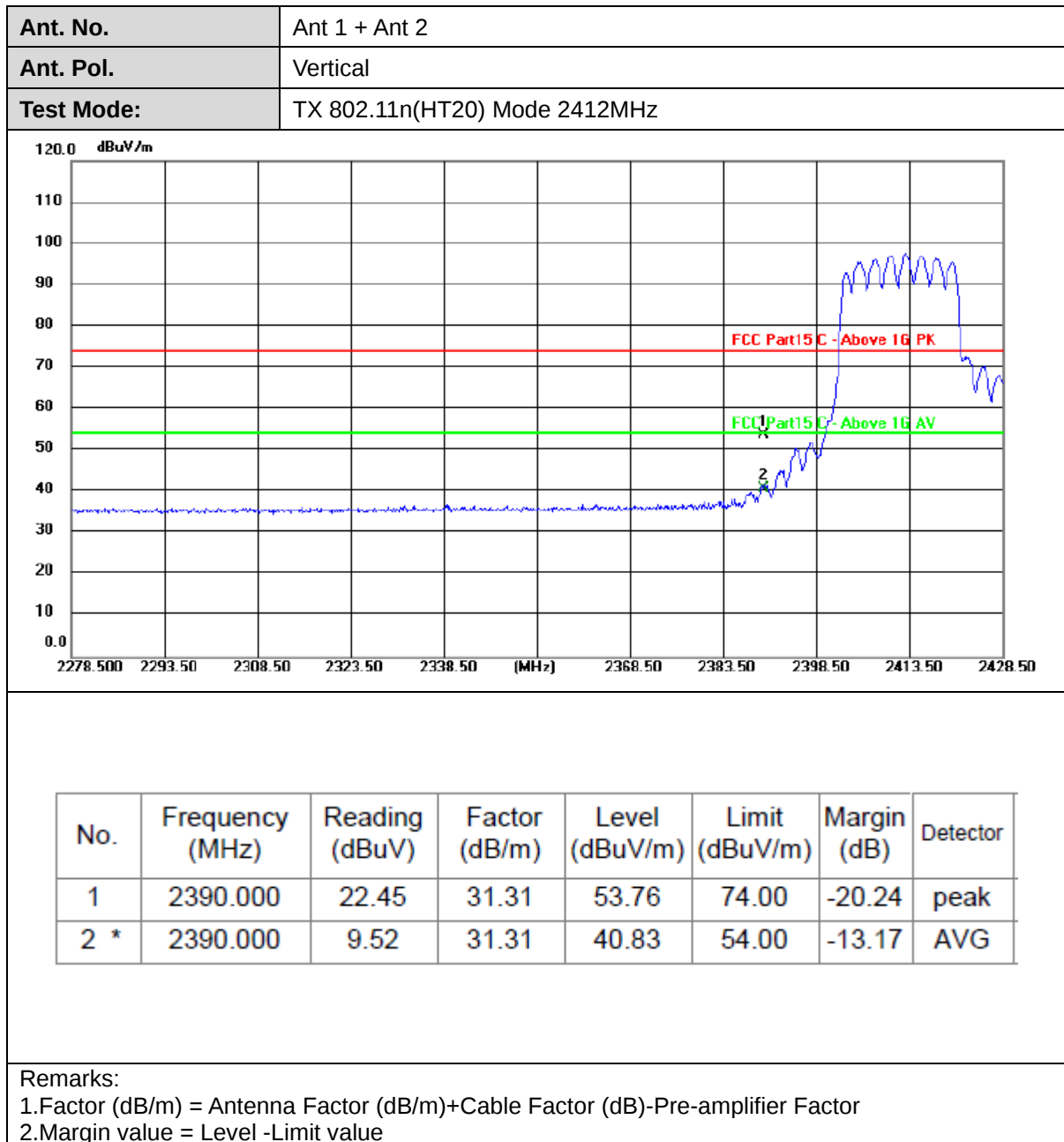


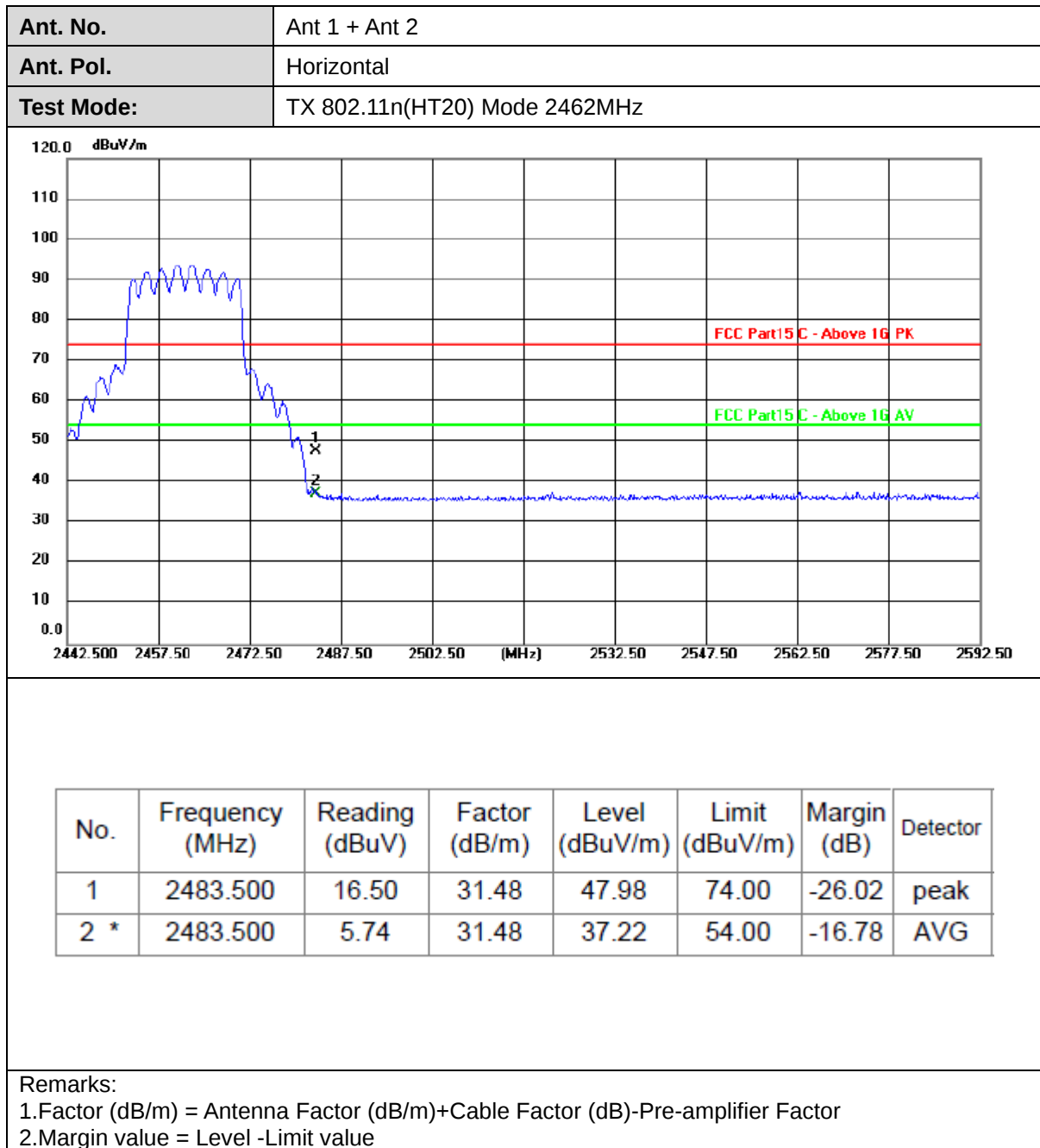


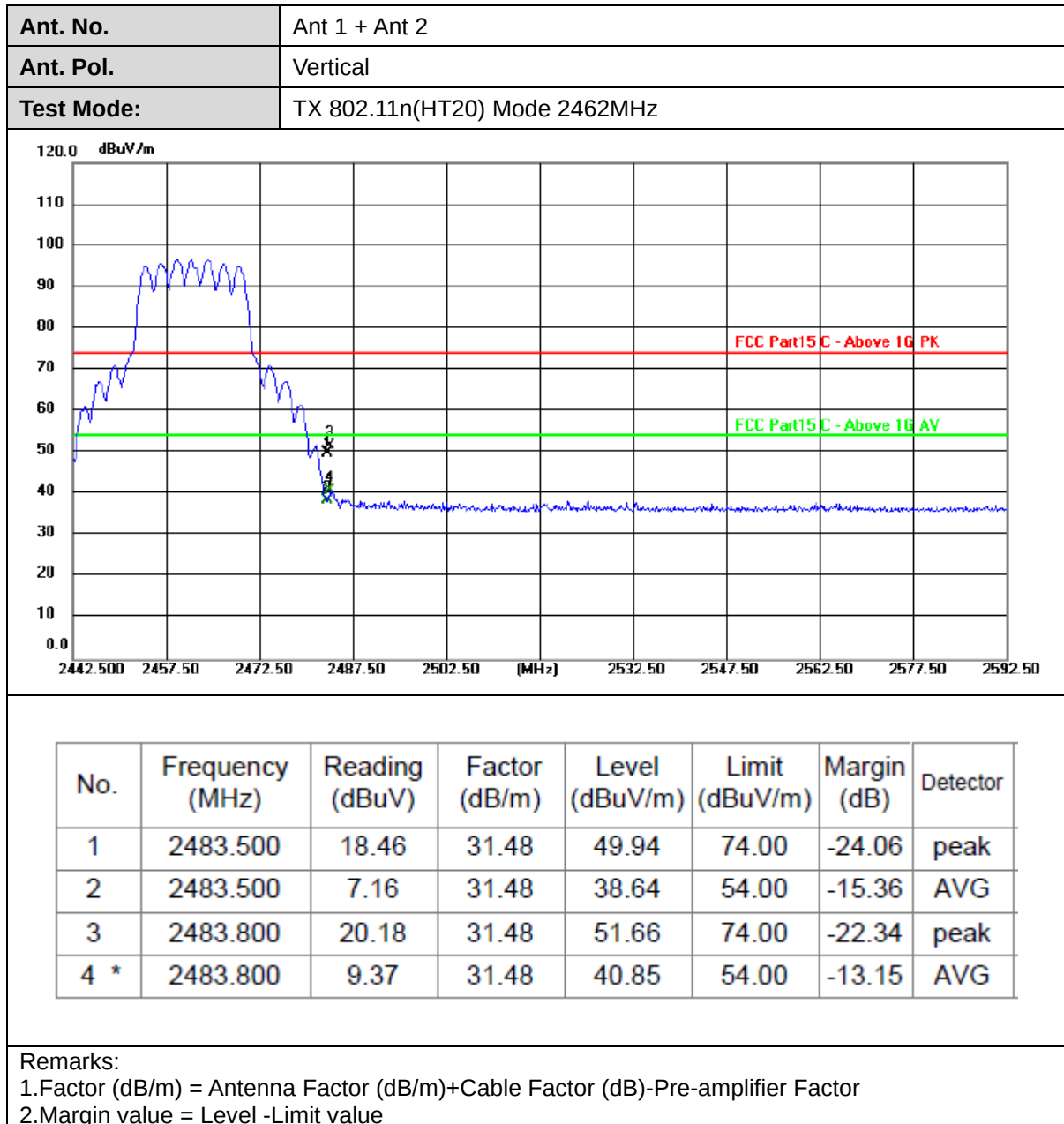


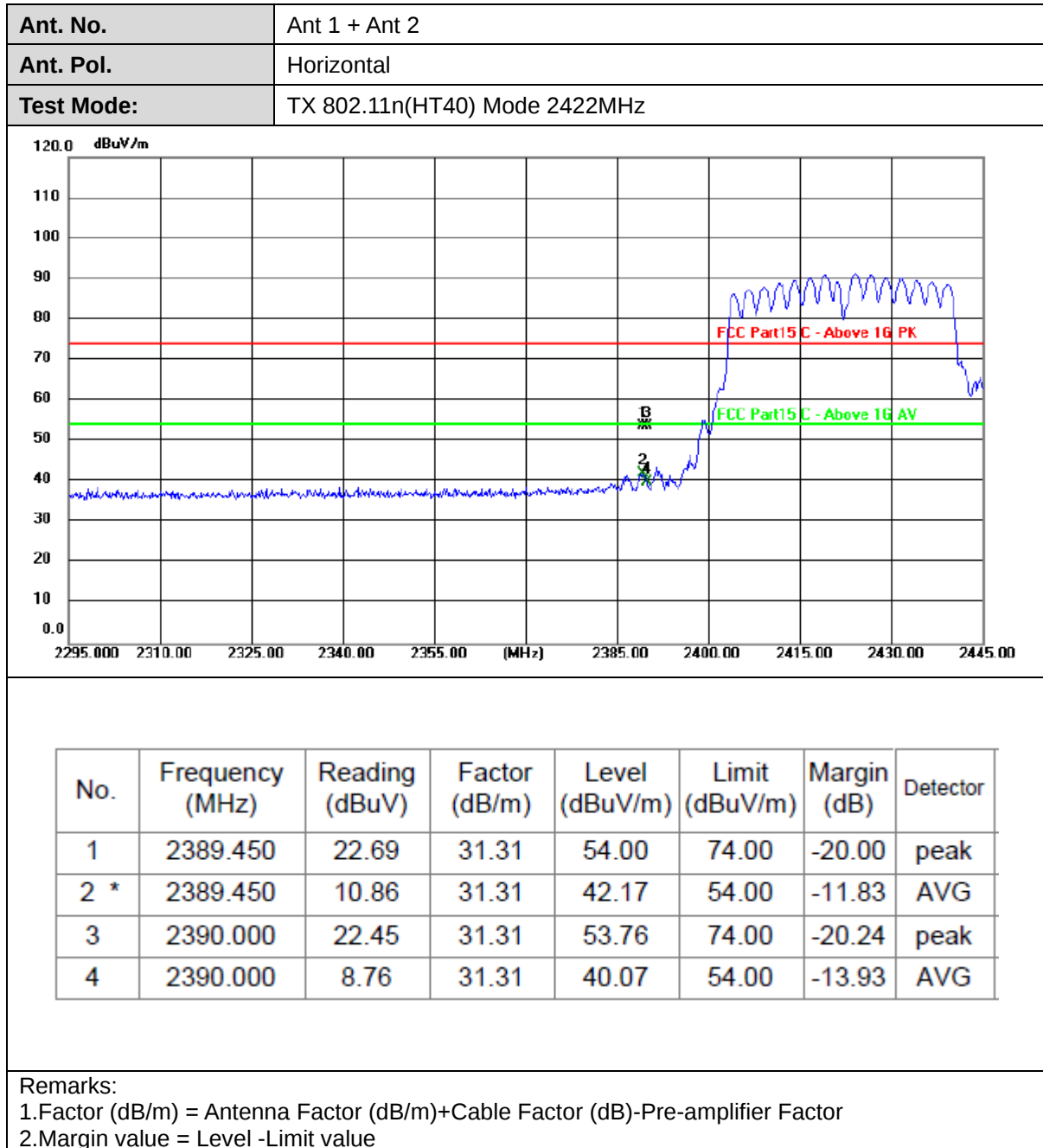


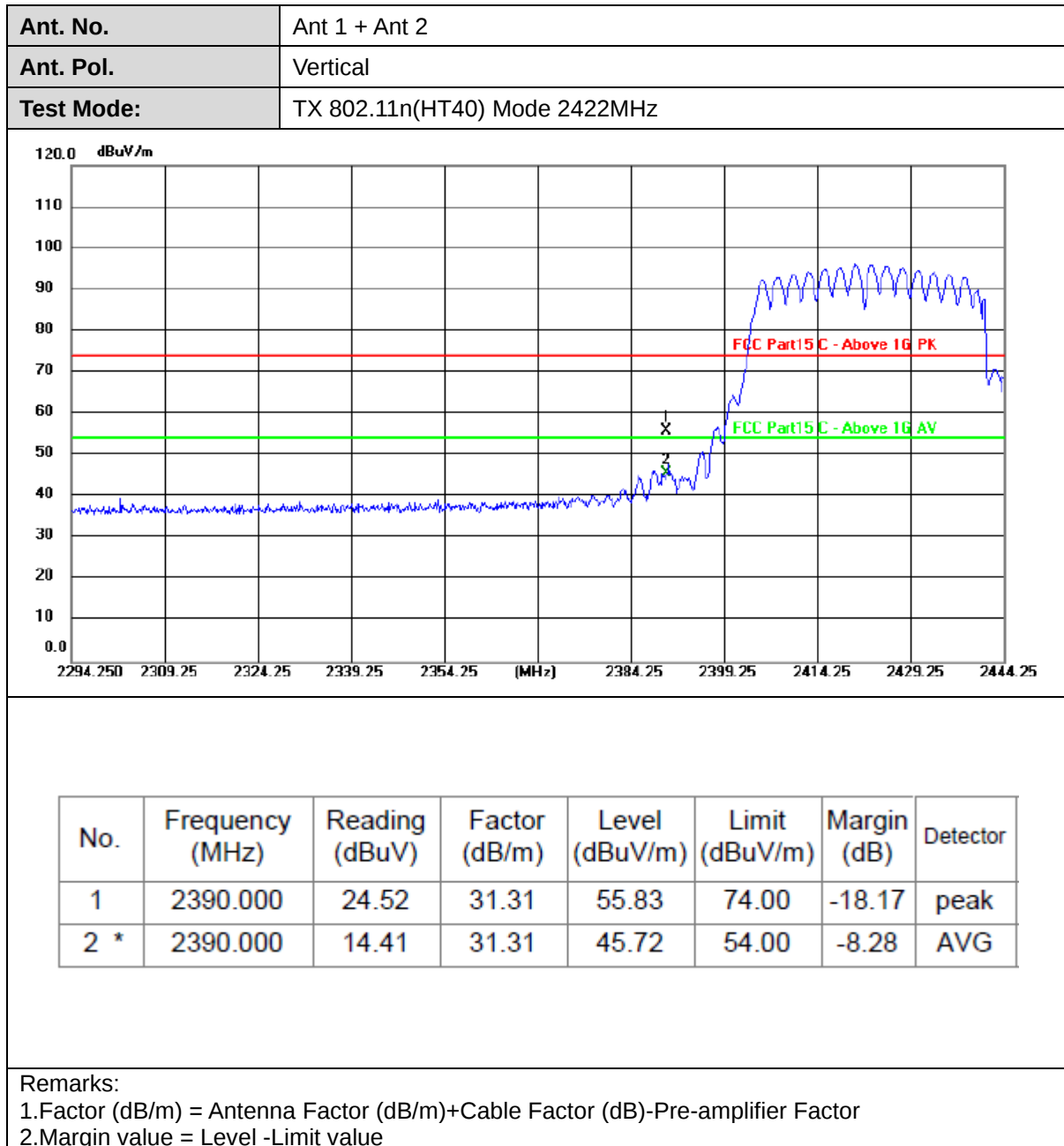














Ant. No.	Ant 1 + Ant 2
Ant. Pol.	Horizontal
Test Mode:	TX 802.11n(HT40) Mode 2452MHz

120.0 dBuV/m

FCC Part15 C - Above 1G PK

FCC Part15 C - Above 1G AV

3

X

4

X

2

X

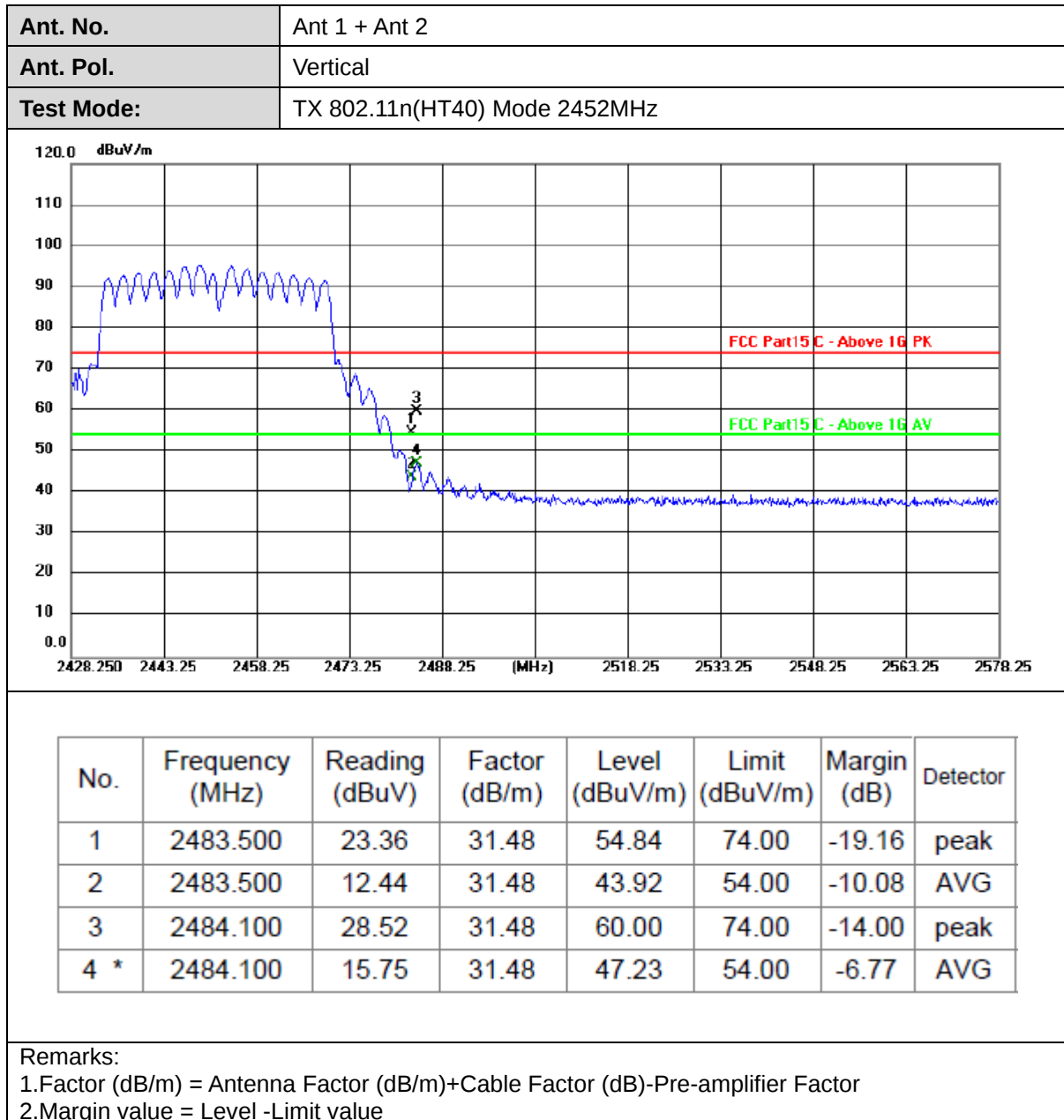
1

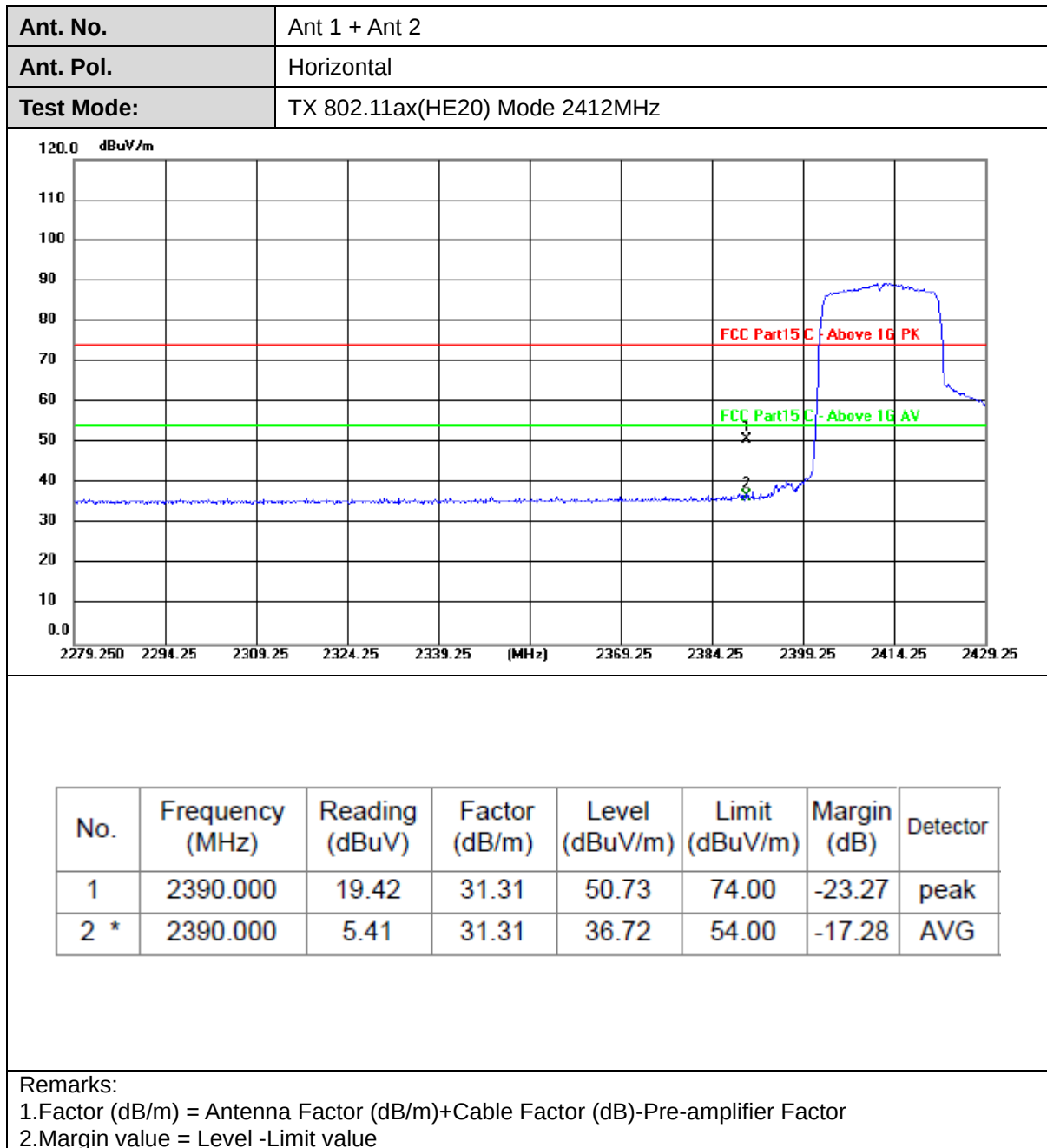
X

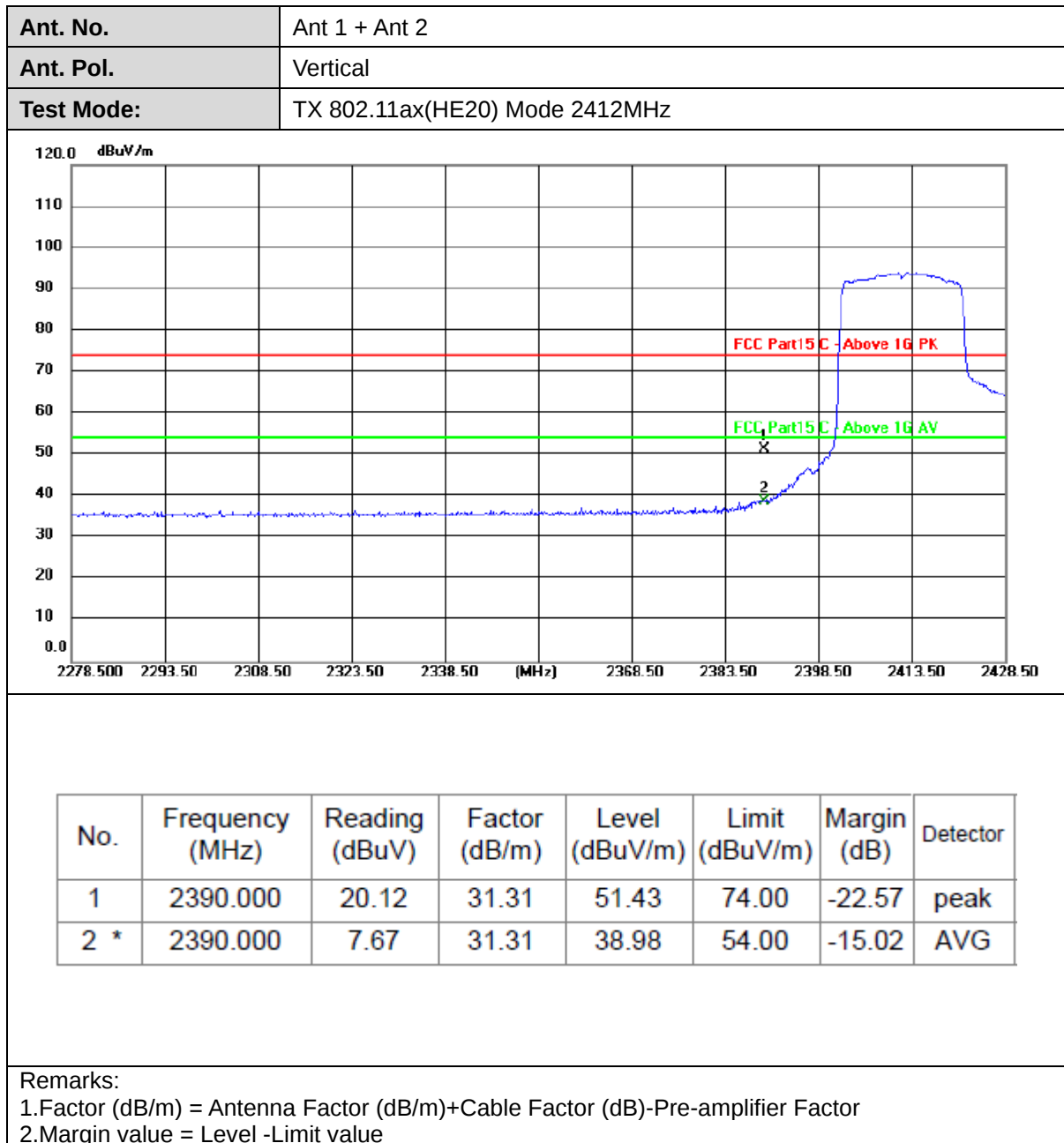
2431.250 2446.25 2461.25 2476.25 2491.25 [MHz] 2521.25 2536.25 2551.25 2566.25 2581.25

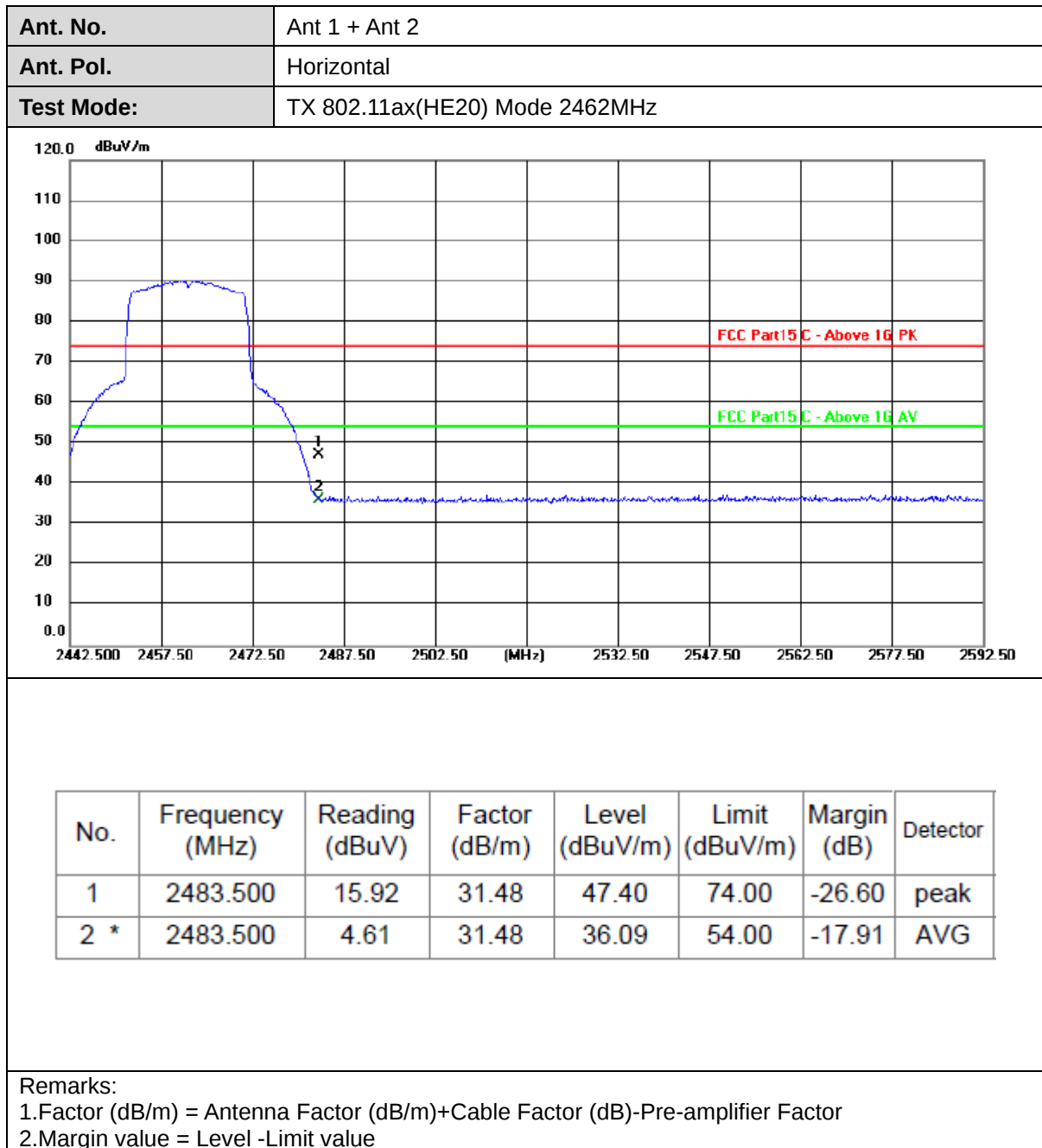
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	2483.500	16.45	31.48	47.93	74.00	-26.07	peak
2	2483.500	7.36	31.48	38.84	54.00	-15.16	AVG
3	2484.400	20.72	31.48	52.20	74.00	-21.80	peak
4 *	2484.400	10.11	31.48	41.59	54.00	-12.41	AVG

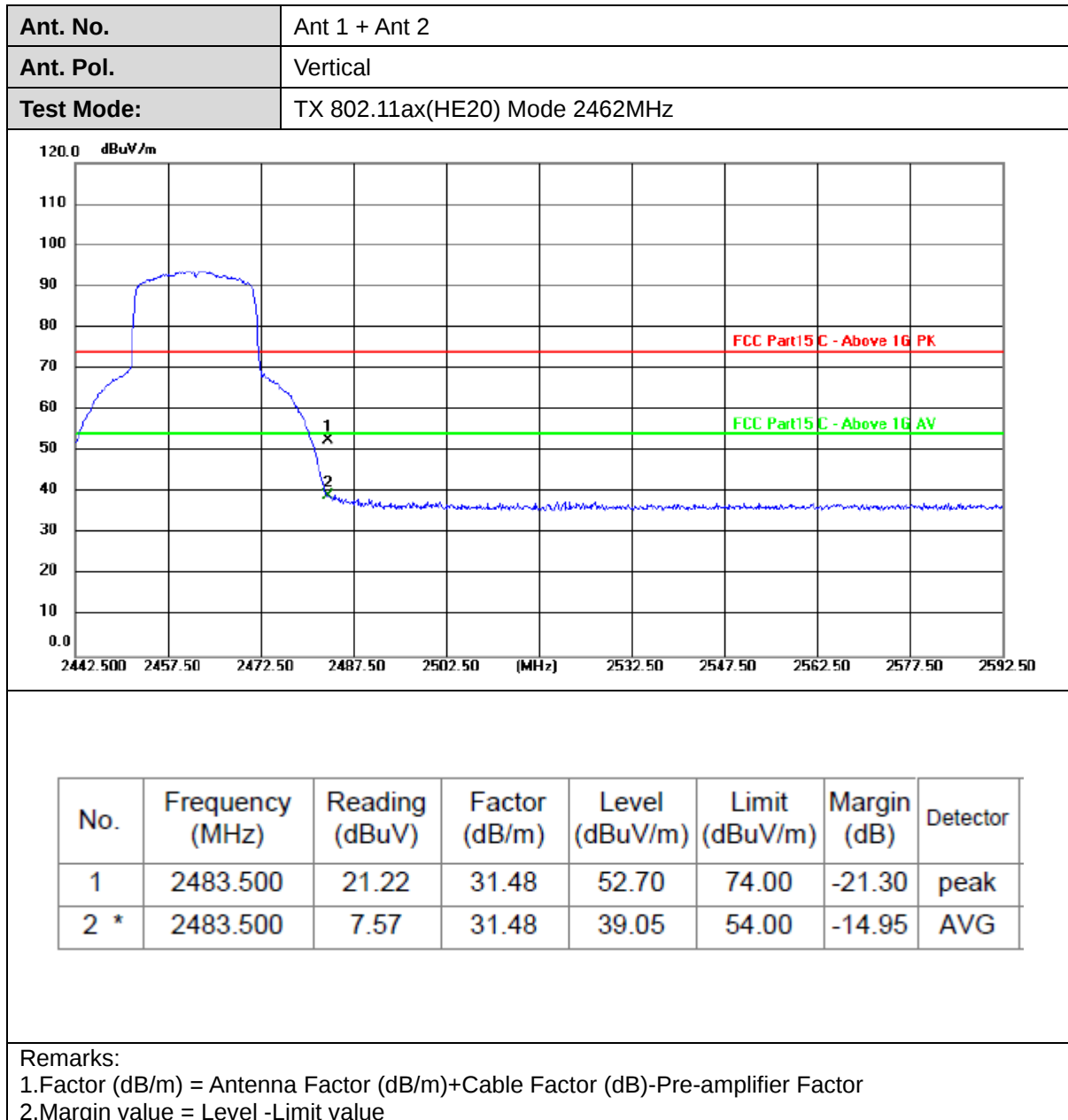
Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value

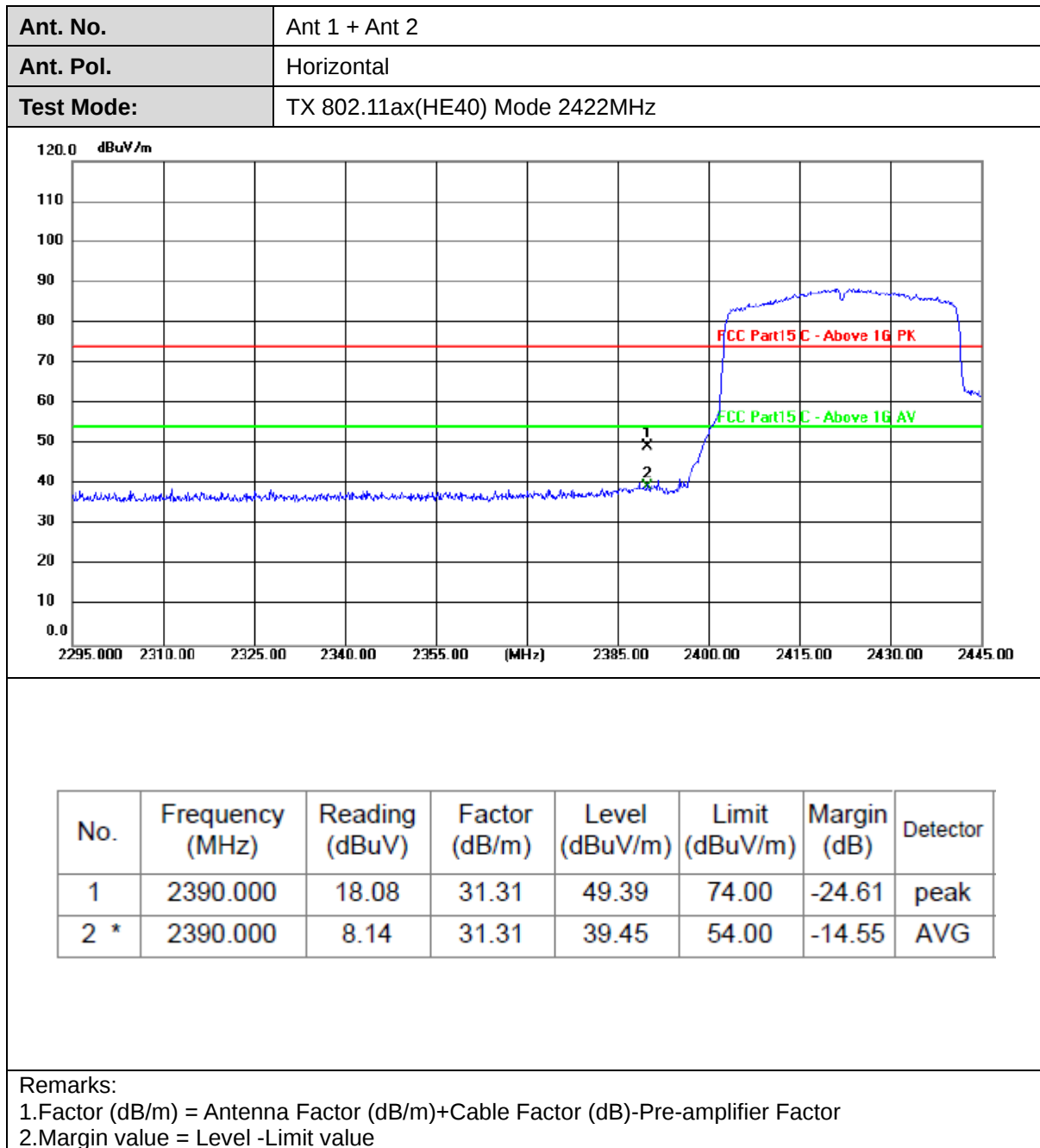


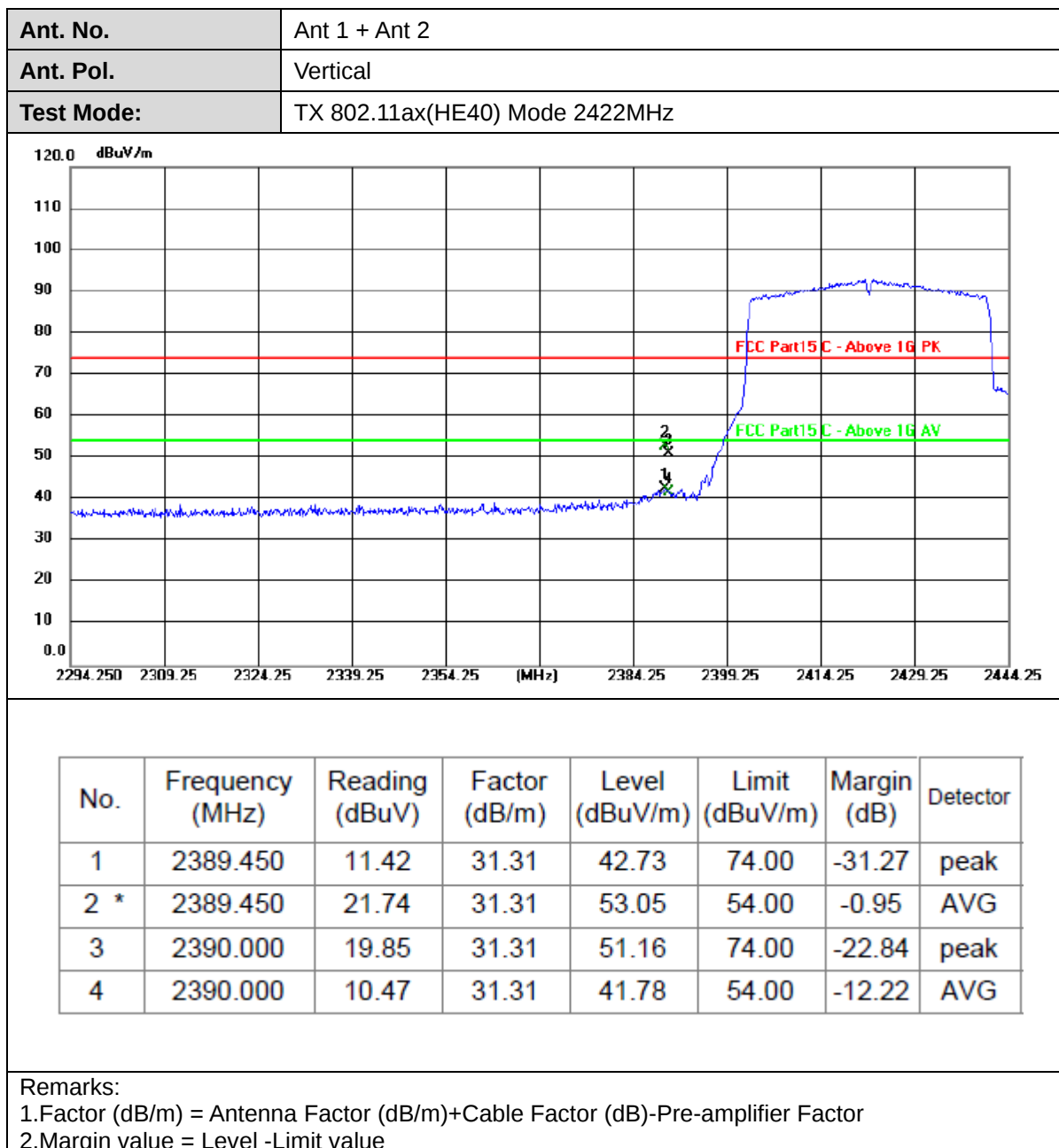


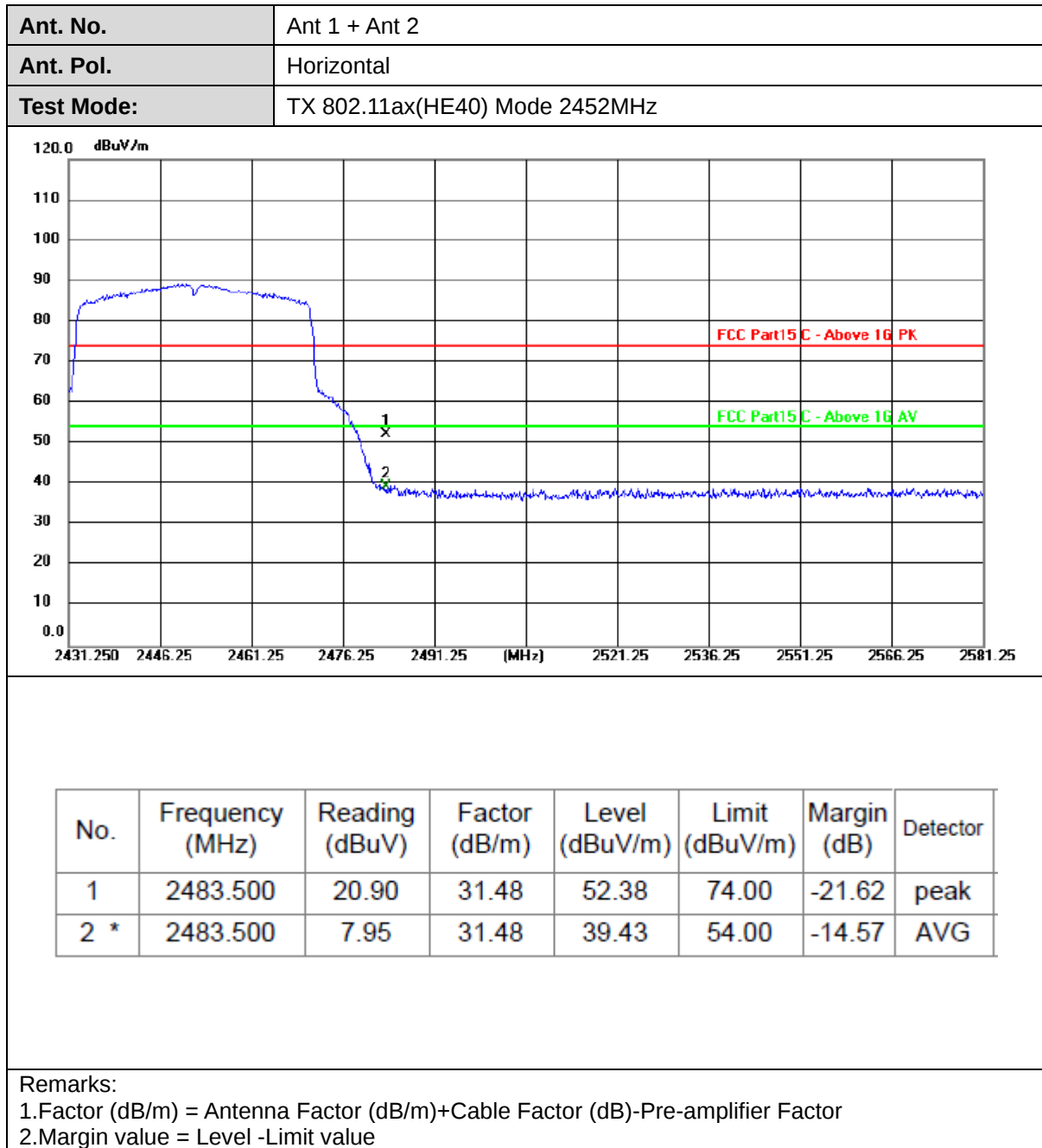


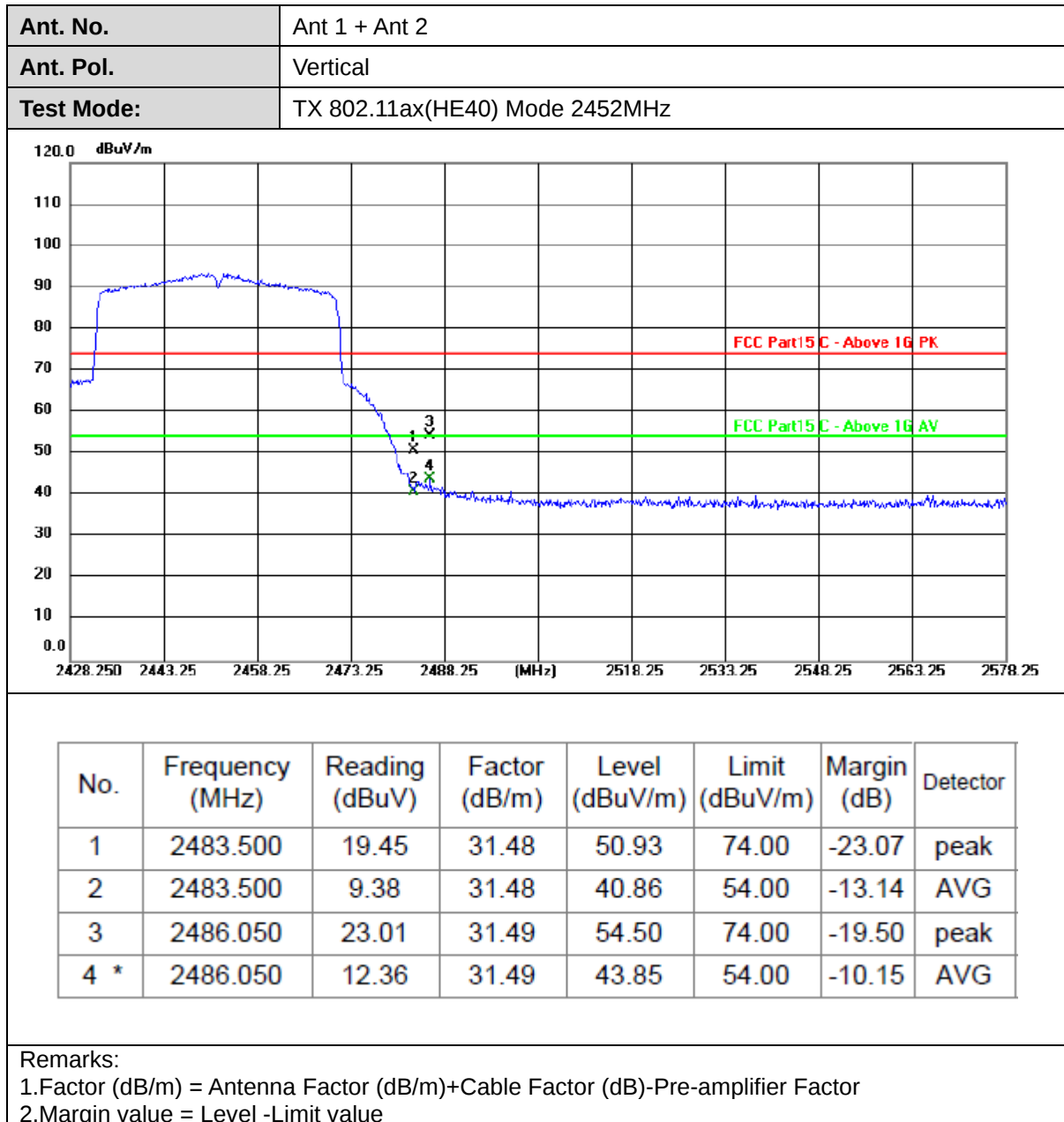














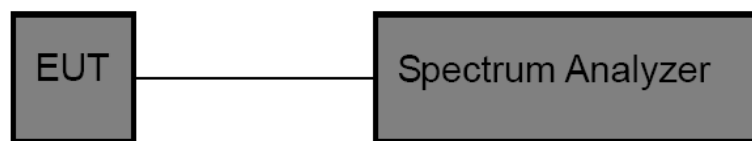
3.4. Band Edge and Spurious Emissions (Conducted)

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****Conducted Band edge**

Test Mode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	9.21	-38.94	≤-20.80	PASS
	Ant2	Low	2412	9.54	-39.54	≤-20.46	PASS
	Ant1	High	2462	9.28	-40.20	≤-20.72	PASS
	Ant2	High	2462	9.51	-39.17	≤-20.49	PASS
11G	Ant1	Low	2412	6.17	-38.64	≤-23.83	PASS
	Ant2	Low	2412	3.19	-38.14	≤-26.81	PASS
	Ant1	High	2462	5.83	-40.46	≤-24.17	PASS
	Ant2	High	2462	6.43	-38.62	≤-23.57	PASS
11N20MIMO	Ant1	Low	2412	1.94	-39.53	≤-28.06	PASS
	Ant2	Low	2412	2.48	-38.38	≤-27.52	PASS
	Ant1	High	2462	1.44	-41.03	≤-28.56	PASS
	Ant2	High	2462	2.13	-40.58	≤-27.87	PASS
11N40MIMO	Ant1	Low	2422	0.23	-31.81	≤-29.77	PASS
	Ant2	Low	2422	0.36	-32.97	≤-29.64	PASS
	Ant1	High	2452	0.25	-40.38	≤-29.75	PASS
	Ant2	High	2452	0.51	-40.20	≤-29.49	PASS
11AX20MIMO	Ant1	Low	2412	1.33	-39.51	≤-28.67	PASS
	Ant2	Low	2412	1.08	-39.33	≤-28.92	PASS
	Ant1	High	2462	0.73	-41.18	≤-29.27	PASS
	Ant2	High	2462	1.12	-39.99	≤-28.88	PASS
11AX40MIMO	Ant1	Low	2422	-1.03	-34.97	≤-31.03	PASS
	Ant2	Low	2422	-0.48	-34.87	≤-30.48	PASS
	Ant1	High	2452	-1.09	-40.21	≤-31.09	PASS
	Ant2	High	2452	-0.27	-40.08	≤-30.27	PASS



Test Graphs:



CTC Laboratories, Inc.

Room 107, 108, 207, 208, 303 of Building A, Room 101 of Building B, No.7, Lanqing 1st Road, Luhua Community, Guanhu Subdistrict, Longhua District, Shenzhen, Guangdong, China

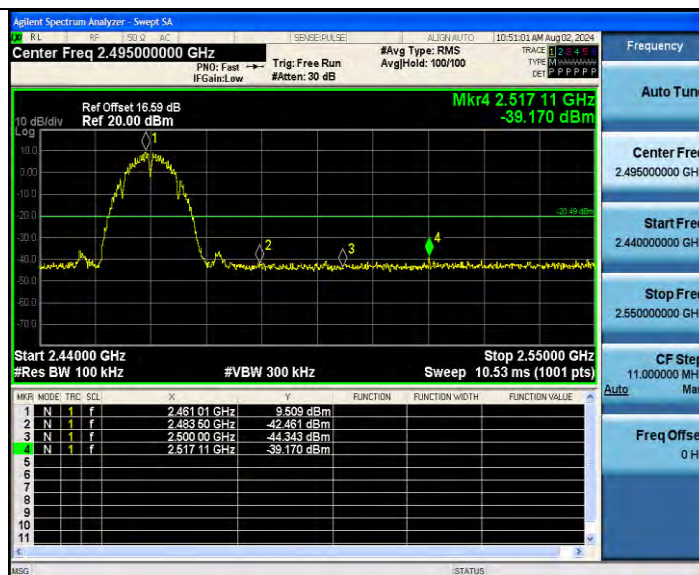
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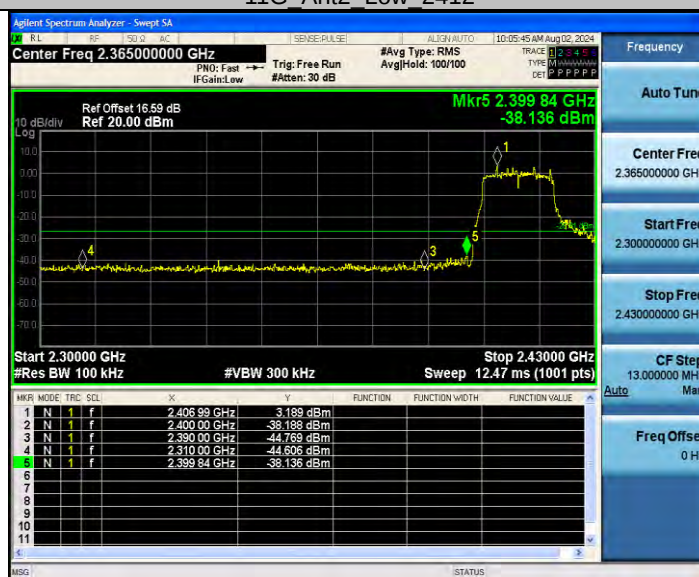
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11G Ant1 Low 2412



11G Ant2 Low 2412



11G Ant1_High_2462

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11G Ant2 High 2462



11N20MIMO Ant1 Low 2412



11N20MIMO Ant2 Low 2412

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11N20MIMO Ant1 High 2462



11N20MIMO Ant2 High 2462



11N40MIMO Ant1 Low 2422

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11N40MIMO_Ant2_Low_2422



11N40MIMO_Ant1_High_2452



11N40MIMO_Ant2_High_2452

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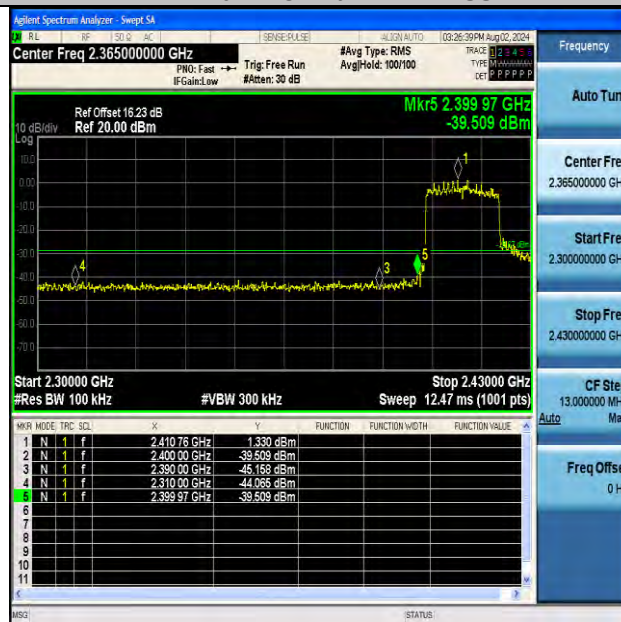
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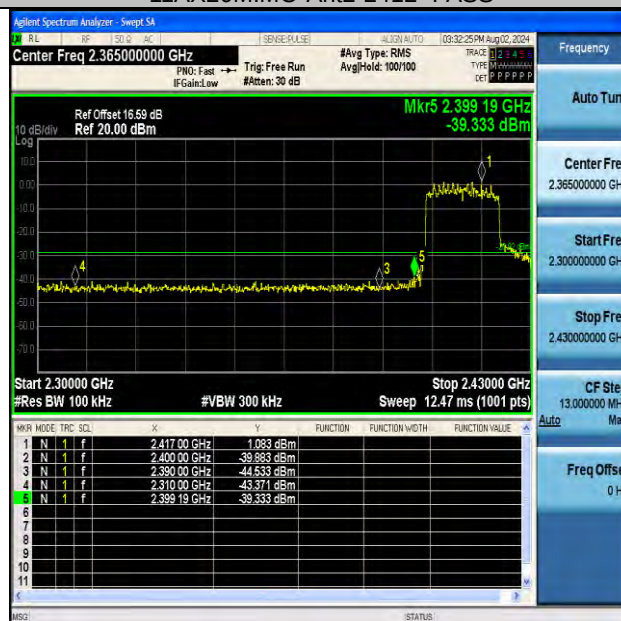
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11AX20MIMO-Ant1-2412 -PASS



11AX20MIMO-Ant2-2412 -PASS



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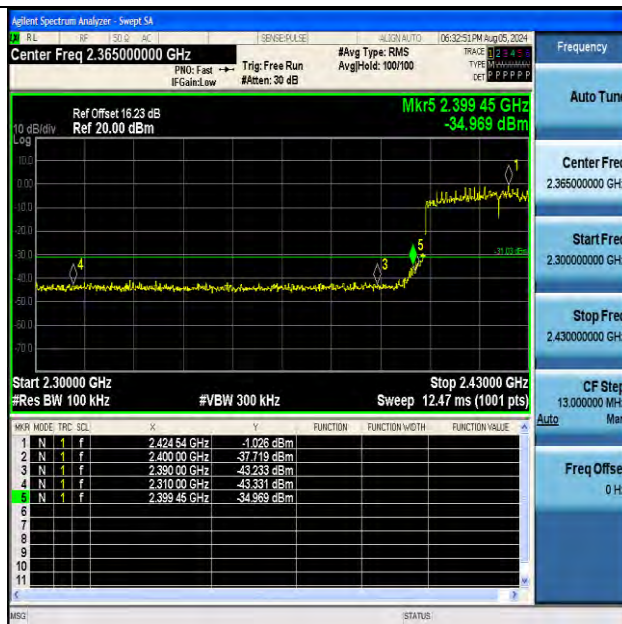
11AX20MIMO-Ant1-2462 -PASS



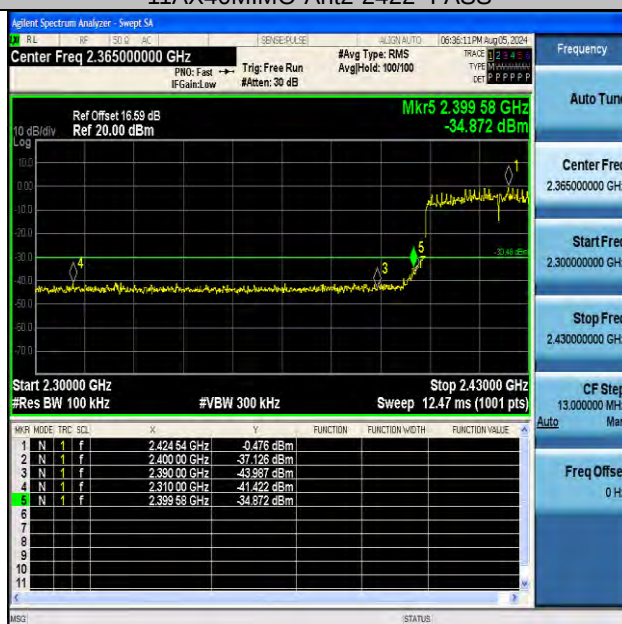
11AX20MIMO-Ant2-2462 -PASS



11AX40MIMO-Ant1-2422 -PASS



11AX40MIMO-Ant2-2422 -PASS



11AX40MIMO-Ant1-2452 -PASS

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11AX40MIMO-Ant2-2452 -PASS



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TRF No: CTC-TR-057_A2

**Conducted Spurious Emission**

Test Mode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	8.07	8.07	---	PASS
			30~1000	8.07	-43.32	≤-21.93	PASS
			1000~26500	8.07	-23.39	≤-21.93	PASS
	Ant2	2412	Reference	8.67	8.67	---	PASS
			30~1000	8.67	-46.61	≤-21.33	PASS
			1000~26500	8.67	-33.23	≤-21.33	PASS
	Ant1	2437	Reference	8.91	8.91	---	PASS
			30~1000	8.91	-43.40	≤-21.09	PASS
			1000~26500	8.91	-22.75	≤-21.09	PASS
	Ant2	2437	Reference	7.38	7.38	---	PASS
			30~1000	7.38	-46.22	≤-22.62	PASS
			1000~26500	7.38	-31.96	≤-22.62	PASS
11G	Ant1	2412	Reference	7.87	7.87	---	PASS
			30~1000	7.87	-46.66	≤-22.13	PASS
			1000~26500	7.87	-27.25	≤-22.13	PASS
	Ant2	2462	Reference	7.96	7.96	---	PASS
			30~1000	7.96	-46.77	≤-22.04	PASS
			1000~26500	7.96	-33.06	≤-22.04	PASS
	Ant1	2412	Reference	2.36	2.36	---	PASS
			30~1000	2.36	-46.81	≤-27.64	PASS
			1000~26500	2.36	-32.37	≤-27.64	PASS
	Ant2	2412	Reference	4.35	4.35	---	PASS
			30~1000	4.35	-46.74	≤-25.65	PASS
			1000~26500	4.35	-33.29	≤-25.65	PASS
11N20MIMO	Ant1	2437	Reference	5.06	5.06	---	PASS
			30~1000	5.06	-47.56	≤-24.94	PASS
			1000~26500	5.06	-32.89	≤-24.94	PASS
	Ant2	2437	Reference	3.57	3.57	---	PASS
			30~1000	3.57	-46.85	≤-26.43	PASS
			1000~26500	3.57	-33.06	≤-26.43	PASS
	Ant1	2462	Reference	1.94	1.94	---	PASS
			30~1000	1.94	-46.94	≤-28.06	PASS
			1000~26500	1.94	-32.90	≤-28.06	PASS
	Ant2	2462	Reference	4.60	4.60	---	PASS
			30~1000	4.60	-46.93	≤-25.40	PASS
			1000~26500	4.60	-32.95	≤-25.40	PASS
11N40MIMO	Ant1	2412	Reference	2.39	2.39	---	PASS
			30~1000	2.39	-47.40	≤-27.61	PASS
			1000~26500	2.39	-32.71	≤-27.61	PASS
	Ant2	2412	Reference	1.29	1.29	---	PASS
			30~1000	1.29	-45.83	≤-28.71	PASS
			1000~26500	1.29	-32.67	≤-28.71	PASS
	Ant1	2437	Reference	0.43	0.43	---	PASS
			30~1000	0.43	-47.49	≤-29.57	PASS
			1000~26500	0.43	-33.07	≤-29.57	PASS
	Ant2	2437	Reference	2.04	2.04	---	PASS
			30~1000	2.04	-46.90	≤-27.96	PASS
			1000~26500	2.04	-32.78	≤-27.96	PASS
11N40MIMO	Ant1	2462	Reference	-0.62	-0.62	---	PASS
			30~1000	-0.62	-46.91	≤-30.62	PASS
			1000~26500	-0.62	-33.02	≤-30.62	PASS
11N40MIMO	Ant2	2462	Reference	-0.56	-0.56	---	PASS
			30~1000	-0.56	-46.88	≤-30.56	PASS
			1000~26500	-0.56	-33.61	≤-30.56	PASS
11N40MIMO	Ant1	2422	Reference	-1.57	-1.57	---	PASS
			30~1000	-1.57	-47.08	≤-31.57	PASS

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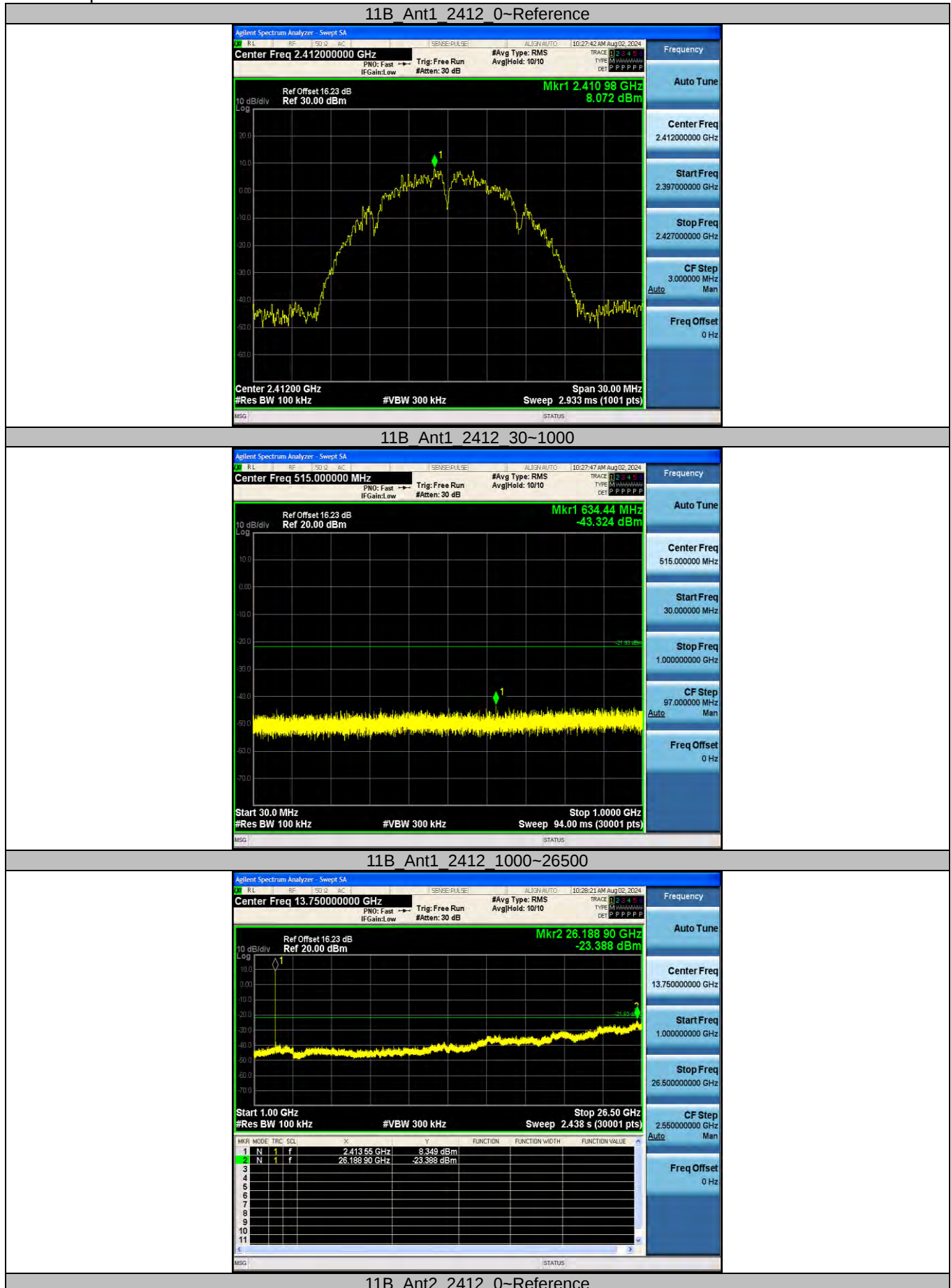


	Ant2	2422	1000~26500	-1.57	-33.06	≤-31.57	PASS
			Reference	0.23	0.23	---	PASS
			30~1000	0.23	-46.13	≤-29.77	PASS
			1000~26500	0.23	-33.43	≤-29.77	PASS
	Ant1	2437	Reference	-0.70	-0.70	---	PASS
			30~1000	-0.70	-46.77	≤-30.70	PASS
			1000~26500	-0.70	-33.47	≤-30.70	PASS
	Ant2	2437	Reference	0.16	0.16	---	PASS
			30~1000	0.16	-47.01	≤-29.84	PASS
			1000~26500	0.16	-32.38	≤-29.84	PASS
	Ant1	2452	Reference	-0.69	-0.69	---	PASS
			30~1000	-0.69	-47.36	≤-30.69	PASS
			1000~26500	-0.69	-33.78	≤-30.69	PASS
	Ant2	2452	Reference	-0.29	-0.29	---	PASS
			30~1000	-0.29	-46.70	≤-30.29	PASS
			1000~26500	-0.29	-33.27	≤-30.29	PASS

Test Mode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11AX20MIMO	Ant1	2412	0~Reference	1.14	1.14	---	PASS
11AX20MIMO	Ant2	2412	0~Reference	0.98	0.98	---	PASS
11AX20MIMO	Ant1	2412	30~1000	1.14	-47.45	≤-28.86	PASS
11AX20MIMO	Ant2	2412	30~1000	0.98	-47.18	≤-29.02	PASS
11AX20MIMO	Ant1	2412	1000~26500	1.14	-33.97	≤-28.86	PASS
11AX20MIMO	Ant2	2412	1000~26500	0.98	-33.32	≤-29.02	PASS
11AX20MIMO	Ant1	2437	0~Reference	-1.80	-1.80	---	PASS
11AX20MIMO	Ant2	2437	0~Reference	0.67	0.67	---	PASS
11AX20MIMO	Ant1	2437	30~1000	-1.80	-47.25	≤-31.80	PASS
11AX20MIMO	Ant2	2437	30~1000	0.67	-46.88	≤-29.33	PASS
11AX20MIMO	Ant1	2437	1000~26500	-1.80	-33.39	≤-31.80	PASS
11AX20MIMO	Ant2	2437	1000~26500	0.67	-32.88	≤-29.33	PASS
11AX20MIMO	Ant1	2462	0~Reference	-0.81	-0.81	---	PASS
11AX20MIMO	Ant2	2462	0~Reference	0.42	0.42	---	PASS
11AX20MIMO	Ant1	2462	30~1000	-0.81	-47.84	≤-30.81	PASS
11AX20MIMO	Ant2	2462	30~1000	0.42	-46.90	≤-29.58	PASS
11AX20MIMO	Ant1	2462	1000~26500	-0.81	-33.72	≤-30.81	PASS
11AX20MIMO	Ant2	2462	1000~26500	0.42	-33.15	≤-29.58	PASS
11AX40MIMO	Ant1	2422	0~Reference	-1.71	-1.71	---	PASS
11AX40MIMO	Ant2	2422	0~Reference	-1.96	-1.96	---	PASS
11AX40MIMO	Ant1	2422	30~1000	-1.71	-46.31	≤-31.71	PASS
11AX40MIMO	Ant2	2422	30~1000	-1.96	-45.97	≤-31.96	PASS
11AX40MIMO	Ant1	2422	1000~26500	-1.71	-32.82	≤-31.71	PASS
11AX40MIMO	Ant2	2422	1000~26500	-1.96	-33.64	≤-31.96	PASS
11AX40MIMO	Ant1	2437	0~Reference	-3.05	-3.05	---	PASS
11AX40MIMO	Ant2	2437	0~Reference	-0.66	-0.66	---	PASS
11AX40MIMO	Ant1	2437	30~1000	-3.05	-46.87	≤-33.05	PASS
11AX40MIMO	Ant2	2437	30~1000	-0.66	-46.43	≤-30.66	PASS
11AX40MIMO	Ant1	2437	1000~26500	-3.05	-33.44	≤-33.05	PASS
11AX40MIMO	Ant2	2437	1000~26500	-0.66	-32.93	≤-30.66	PASS
11AX40MIMO	Ant1	2452	0~Reference	-2.99	-2.99	---	PASS
11AX40MIMO	Ant2	2452	0~Reference	-2.06	-2.06	---	PASS
11AX40MIMO	Ant1	2452	30~1000	-2.99	-47.35	≤-32.99	PASS
11AX40MIMO	Ant2	2452	30~1000	-2.06	-47.57	≤-32.06	PASS
11AX40MIMO	Ant1	2452	1000~26500	-2.99	-33.58	≤-32.99	PASS
11AX40MIMO	Ant2	2452	1000~26500	-2.06	-32.54	≤-32.06	PASS



Test Graphs:



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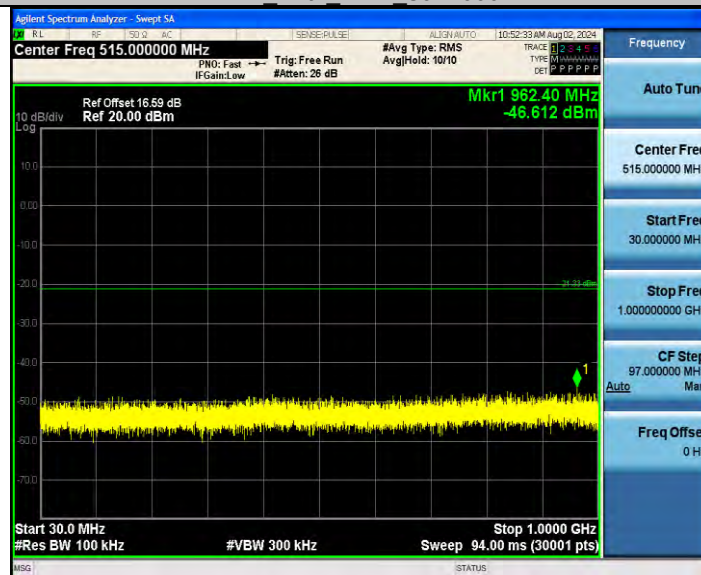
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11B_Ant2_2412_30~1000



11B_Ant2_2412_1000~26500



11B_Ant1_2437_0~Reference

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11B_Ant1_2437_30~1000



11B_Ant1_2437_1000~26500



11B_Ant2_2437_0~Reference

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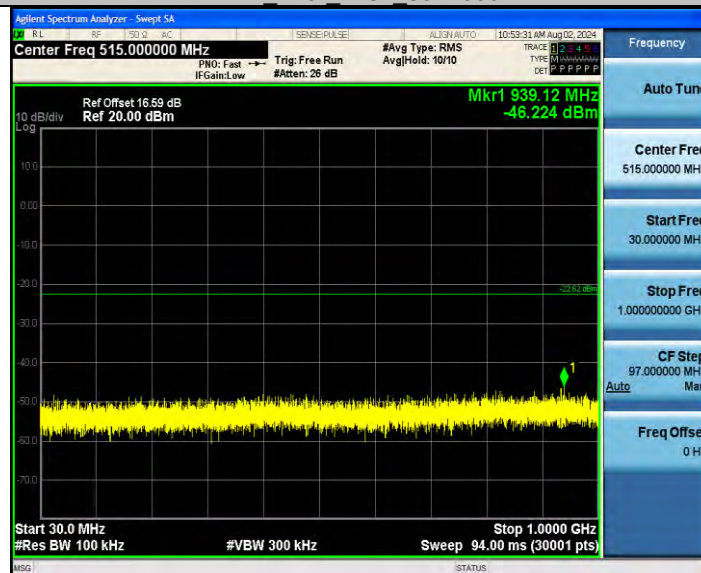
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11B_Ant2_2437_30~1000



11B_Ant2_2437_1000~26500



11B_Ant1_2462_0~Reference

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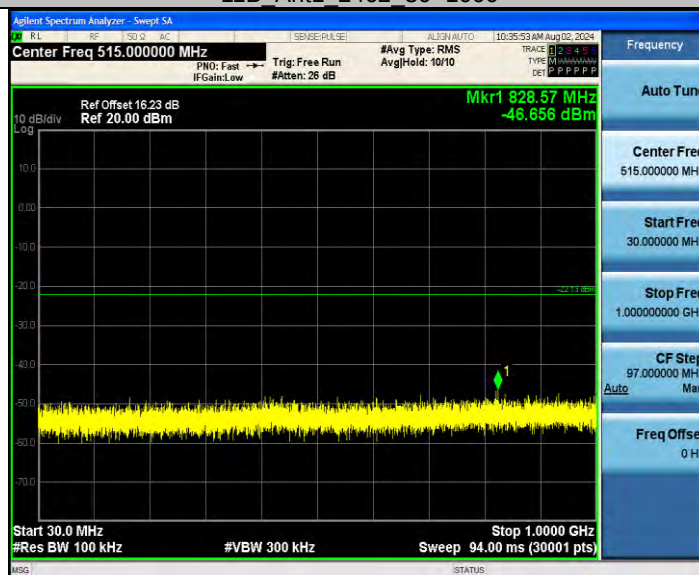
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11B_Ant1_2462_30~1000



11B_Ant1_2462_1000~26500



11B_Ant2_2462_0~Reference

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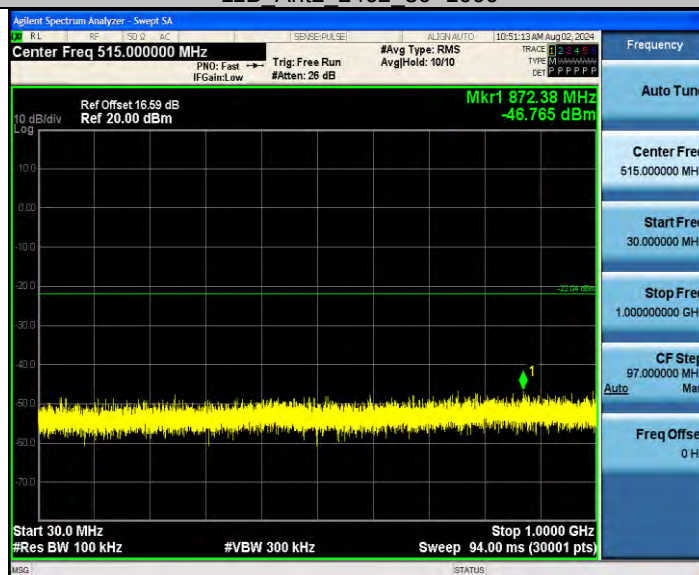
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11B_Ant2_2462_30~1000



11B_Ant2_2462_1000~26500



11G_Ant1_2412_0~Reference

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