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TEST REPORT

Report No.....: **CTC20221207E05**

FCC ID.....: **2AYD5-I22T01**

Applicant: **Imin Technology Pte Ltd**

Address.....: **11 Bishan Street 21, #03-05 Bosch Building, Singapore 573943**

Manufacturer.....: **Imin Technology Pte Ltd**

Address.....: **11 Bishan Street 21, #03-05 Bosch Building, Singapore 573943**

Product Name: **POS Device**

Trade Mark: **/**

Model/Type reference.....: **I22T01**

Listed Model(s).....: **/**

Standard: **FCC Part 15, Subpart E 15. 407**

Date of receipt of test sample...: **Jul. 06, 2022**

Date of testing.....: **Jul. 07, 2022 ~ Aug. 01, 2022**

Date of issue.....: **Aug. 02, 2022**

Result.....: **PASS**

Compiled by:

(Printed name+signature)

Terry Su

Supervised by:

(Printed name+signature)

Eric Zhang

Approved by:

(Printed name+signature)

Totti Zhao

Testing Laboratory Name.....: **CTC Laboratories, Inc.**

Address: **1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Shenzhen, Guangdong, China**

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1. TEST SUMMARY

1.1. Test Standards

The tests were performed according to following standards:

[FCC Part 15, Subpart E\(15.407\)](#) — for 802.11a/n/ac, the test procedure follows the FCC KDB 789033 D02 General UNII Test Procedures New Rules V02r01.

[RSS-247 Issue 2 February 2017](#) — Digital Transmission Systems (DTSS), Frequency Hopping Systems (FHSs) and Licence-Exempt Local Area Network (LE-LAN) Devices

[RSS-Gen](#) — General Requirements for Compliance of Radio Apparatus

1.2. Report version

Revised No.	Date of issue	Description
01	Aug. 02, 2022	Original



1.3. Test Description

FCC Part 15 Subpart E (15.407) / RSS-247 Issue 2 February 2017				
Test Item	Test require		Result	Test Engineer
	FCC	IC		
Antenna Requirement	15.203	/	Pass	Alicia Liu
Conducted Emission	15.207	RSS-Gen 8.8	Pass	Ice Lu
Band Edge Emissions	15.407(b)	RSS-247 6.2.1.2 RSS-247 6.2.2.2 RSS-247 6.2.4.2	Pass	Alicia Liu
26dB Bandwidth & 99% Bandwidth	15.407(a) (5)	RSS-247 6.2.1.2	Pass	Alicia Liu
6dB Bandwidth (only for UNII-3)	15.407(e)	RSS-247 6.2.4.1	Pass	Alicia Liu
Peak Output Power	15.407(a)	RSS-247 6.2.1.1 RSS-247 6.2.4.1	Pass	Alicia Liu
Power Spectral Density	15.407(a)	RSS-247 6.2	Pass	Alicia Liu
Transmitter Radiated Spurious Emission	15.407(b) &15.209	RSS-Gen 8.9 RSS-247 6.2.1.2 RSS-247 6.2.4.2	Pass	Alicia Liu
Frequency Stability	15.407(g)	/	Pass	Alicia Liu
Dynamic Frequency Selection (DFS)	15.407(h)	RSS-247 6.3	Pass	Alicia Liu

Note: "N/A" is not applicable.

The measurement uncertainty is not included in the test result.



1.4. Test Facility

CTC Laboratories, Inc.

Add: 1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Shenzhen, Guangdong, China

Laboratory accreditation

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

CNAS-Lab Code: L5365

CTC Laboratories, Inc. has been assessed and proved to be in compliance with CNAS-CL01 Accreditation. Criteria for Testing and Calibration Laboratories (identical to ISO/IEC17025:2017 General Requirements) for the Competence of Testing and Calibration Laboratories.

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
Transmitter power conducted	0.42 dB	(1)
Transmitter power Radiated	2.14 dB	(1)
Conducted spurious emissions 9kHz~40GHz	1.60 dB	(1)
Radiated spurious emissions 9kHz~40GHz	2.20 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)
Occupied Bandwidth	-----	(1)

Note (1): This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=1.96.

1.6. Environmental conditions

Normal Condition	Temperature	22 °C ~ 28°C
	Relative humidity	50% ~ 65%
	Voltage	The equipment shall be the nominal voltage for which the equipment was designed.
Extreme Condition	Temperature	Measurements shall be made over the extremes of the operating temperature range as declared by the manufacturer
	Voltage	Measurements shall be made over the extremes of the operating voltage range as declared by the manufacturer

Normal Condition	T _N =Normal Temperature	22 °C ~ 28°C
Extreme Condition	T _L =Lower Temperature	0 °C
	T _H =Higher Temperature	50 °C



2. GENERAL INFORMATION

2.1. Client Information

Applicant:	Imin Technology Pte Ltd
Address:	11 Bishan Street 21, #03-05 Bosch Building, Singapore 573943
Manufacturer:	Imin Technology Pte Ltd
Address:	11 Bishan Street 21, #03-05 Bosch Building, Singapore 573943



2.2. General Description of EUT

Product Name:	POS Device				
Trade Mark:	/				
Model/Type reference:	I22T01				
Listed Model(s):	/				
Power supply:	24Vdc/2.5A from AC/DC Adapter				
Adapter Model:	AD65CM240250A Input: 100-240V~ 50/60Hz 1.5A Max Output: 24Vdc/2.5A				
Hardware version:	/				
Software version:	/				
Antenna type:	FPC Antenna				
Antenna gain:	2.32dBi Max				
Technical index for 5G WIFI					
Operation Band:	☒ U-NII-1	☒ U-NII-2A	☒ U-NII-2C	☒ U-NII-3	
Operation Frequency Range:	U-NII-1:	5150MHz~5250MHz			
	U-NII-2A:	5250MHz~5350MHz			
	U-NII-2C:	5470MHz~5725MHz			
	U-NII-3:	5725MHz~5850MHz			
Support bandwidth:	802.11a	☒ 20MHz			
	802.11n	☒ 20MHz	☒ 40MHz		
	802.11ac	☒ 20MHz	☒ 40MHz	☒ 80MHz	☐ 160MHz
Modulation:	802.11a: OFDM (BIT/SK, QPSK, BPSK, 16QAM) 802.11n: OFDM (BIT/SK, QPSK, BPSK, 16QAM, 64QAM) 802.11ac: OFDM (BIT/SK, QPSK, BPSK, 16QAM, 64QAM, 256QAM)				
Bit Rate of Transmitter:	802.11a: 6/9/12/18/24/36/48/54 Mbps 802.11n: up to 300Mbps 802.11ac: at most 866.7 Mbps				

Remark: This device does not transmit any beacons or initiate any transmissions in UNII Band 2A or 2C.



2.3. Accessory Equipment information

Equipment Information			
Name	Model	S/N	Manufacturer
/	/	/	/
/	/	/	/
Cable Information			
Name	Shielded Type	Ferrite Core	Length
/	/	/	/
Test Software Information			
Name	Versions	/	/
Engineering mode	/	/	/



2.4. Operation state

Operation Frequency List:

Band (MHz)	20MHz Bandwidth		40MHz Bandwidth		80MHz Bandwidth	
	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
U-NII-1	36	5180	38	5190	42	5210
	40	5200				
	44	5220	46	5230		
	48	5240				
U-NII-2A	52	5260	54	5270	56	5290
	56	5280				
	60	5300	62	5310		
	64	5320				
U-NII-2C	100	5500	102	5510	106	5530
	104	5520				
	108	5540	110	5550		
	112	5560				
	116	5580	118	5590	122	5610
	120	5600				
	124	5620	126	5630		
	128	5640				
	132	5660	134	5670		
	136	5680				
	140	5700				
U-NII-3	149	5745	151	5755	155	5775
	153	5765				
	157	5785	159	5795		
	161	5805				
	165	5825				



Test channel is below:

Operating Band	Test Channel	20MHz		40MHz		80MHz	
		Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
U-NII-1	CH _L	36	5180	38	5190	/	/
	CH _M	40	5200	/	/	42	5210
	CH _H	48	5240	46	5230	/	/
U-NII-2A	CH _L	52	5260	54	5270	/	/
	CH _M	56	5280	/	/	56	5290
	CH _H	64	5320	62	5310	/	/
U-NII-2C	CH _L	100	5500	102	5510	106	5530
	CH _M	116	5580	110	5550	/	/
	CH _H	140	5700	134	5670	122	5610
U-NII-3	CH _L	149	5745	151	5755	/	/
	CH _M	157	5785	/	/	155	5775
	CH _H	165	5825	159	5795	/	/

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.

Mode	Data rate (worst mode)
802.11a	6Mbps
802.11n(HT20)/ 802.11n(HT40)	HT-MCS0
802.11ac(VHT20)/ 802.11ac(VHT40) / 802.11ac(VHT80)	VHT-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 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.
For DFS test items
The EUT has been tested under test mode condition. The Applicant provides software to control the EUT for staying in DFS mode for testing.



2.5. Measurement Instruments List

Tonscend JS0806-2 Test system					
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Calibrated until
1	Spectrum Analyzer	Rohde & Schwarz	FSU26	100105	Dec. 23, 2022
2	Spectrum Analyzer	Rohde & Schwarz	FUV40-N	101331	Mar. 15, 2023
3	MXG Vector Signal Generator	Agilent	N5182A	MY47420864	Dec. 23, 2022
4	Signal Generator	Agilent	E8257D	MY46521908	Dec. 23, 2022
5	Power Sensor	Agilent	U2021XA	MY5365004	Mar. 15, 2023
6	Power Sensor	Agilent	U2021XA	MY5365006	Mar. 15, 2023
7	High and low temperature box	ESPEC	MT3035	N/A	Mar. 15, 2023
8	Wideband Radio Communication Tester	Rohde & Schwarz	CMW500	102414	Dec. 23, 2022
9	300328 v2.2.2 test system	TONSCEND	v2.6	/	/

Radiated emission(3m chamber 2)					
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Calibrated Until
1	Trilog-Broadband Antenna	Schwarzbeck	VULB 9168	9168-1013	Jan. 12, 2023
2	Horn Antenna	Schwarzbeck	BBHA 9120D	9120D-647	Dec. 23, 2022
3	Spectrum Analyzer	R&S	FSU26	100105	Dec. 23, 2022
4	Spectrum Analyzer	R&S	FSV40-N	101331	Mar. 15, 2023
5	Pre-Amplifier	SONOMA	310	186194	Dec. 23, 2022
6	Low Noise Pre-Amplifier	EMCI	EMC051835	980075	Dec. 23, 2022
7	Test Receiver	R&S	ESC17	100967	Dec. 23, 2022

Radiated emission(3m chamber 3)					
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Calibrated Until
1	Trilog-Broadband Antenna	Schwarzbeck	VULB 9168	9168-759	Nov. 09, 2022
2	Horn Antenna	Schwarzbeck	BBHA 9120D	9120D-647	Dec. 23, 2022
3	Test Receiver	Keysight	N9038A	MY56400071	Dec. 23, 2022
4	Broadband Premplifier	SCHWARZBECK	BBV9743B	259	Dec. 23, 2022
5	Mirowave Broadband Amplifier	SCHWARZBECK	BBV9718C	111	Dec. 23, 2022

Conducted Emission					
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Calibrated until
1	LISN	R&S	ENV216	101112	Dec. 23, 2022
2	LISN	R&S	ENV216	101113	Dec. 23, 2022
3	EMI Test Receiver	R&S	ESCS30	100353	Dec. 23, 2022

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

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

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3. TEST ITEM AND RESULTS

3.1. Conducted Emission

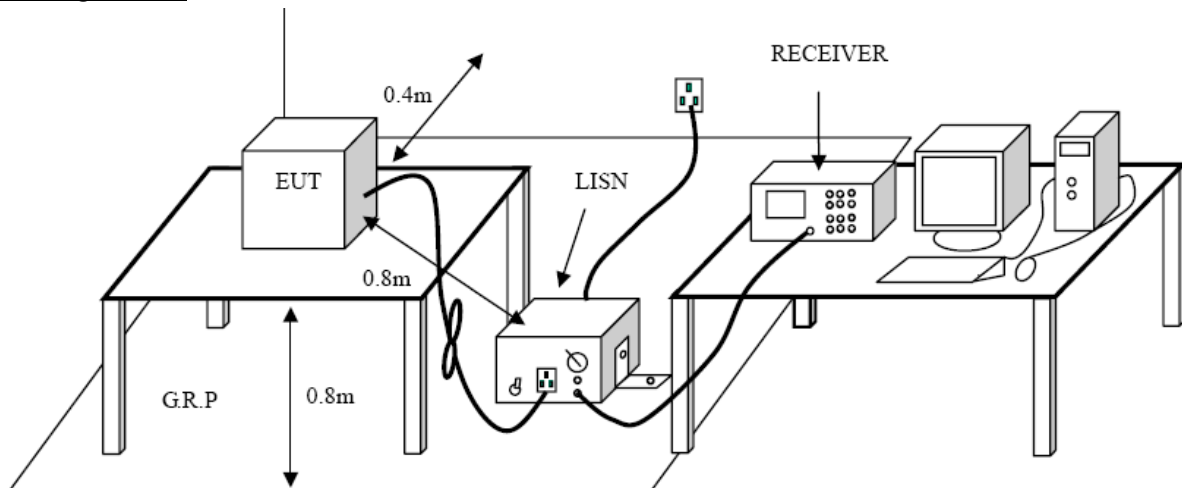
Limit

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

Frequency range (MHz)	Limit (dBuV)	
	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

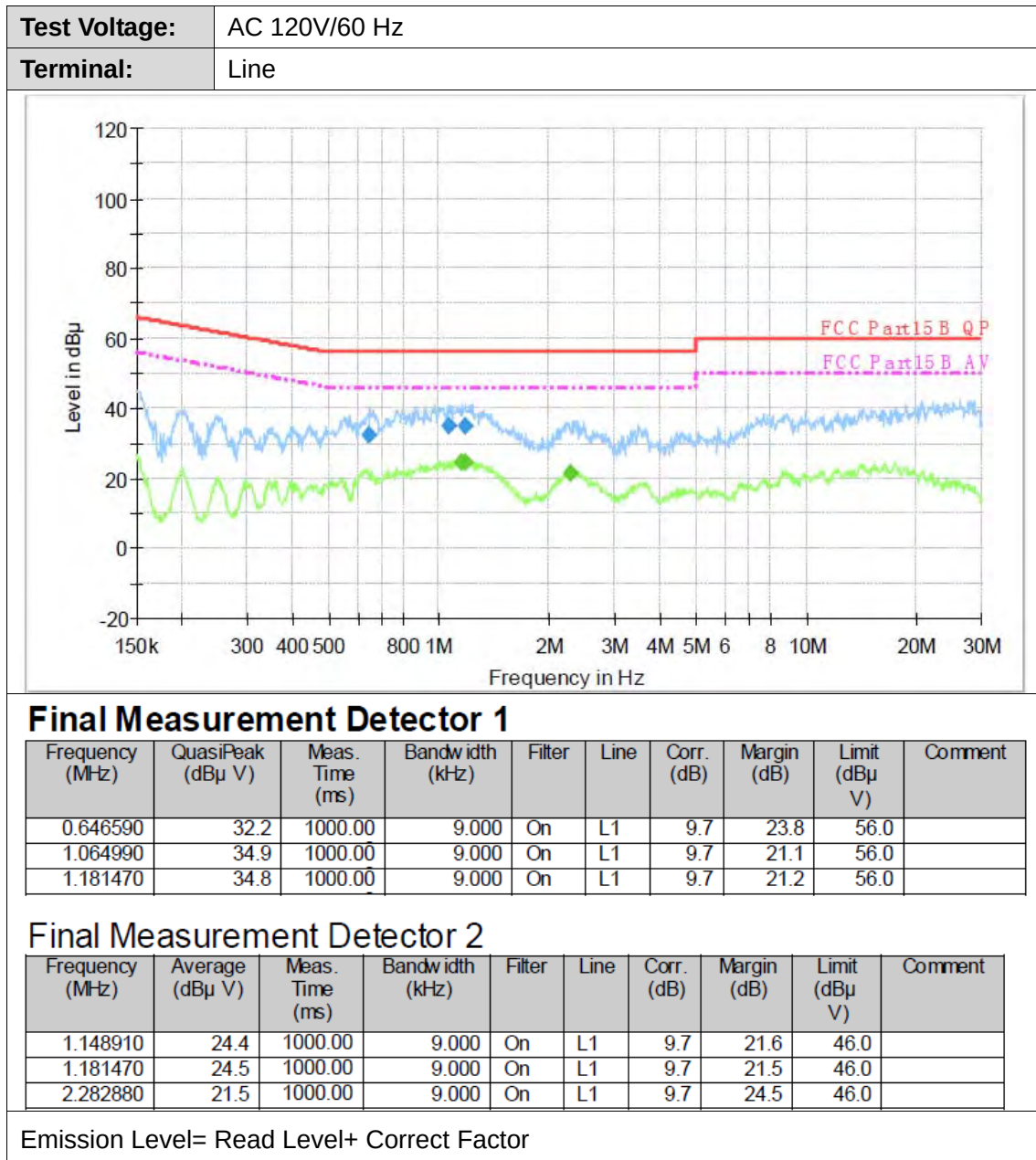


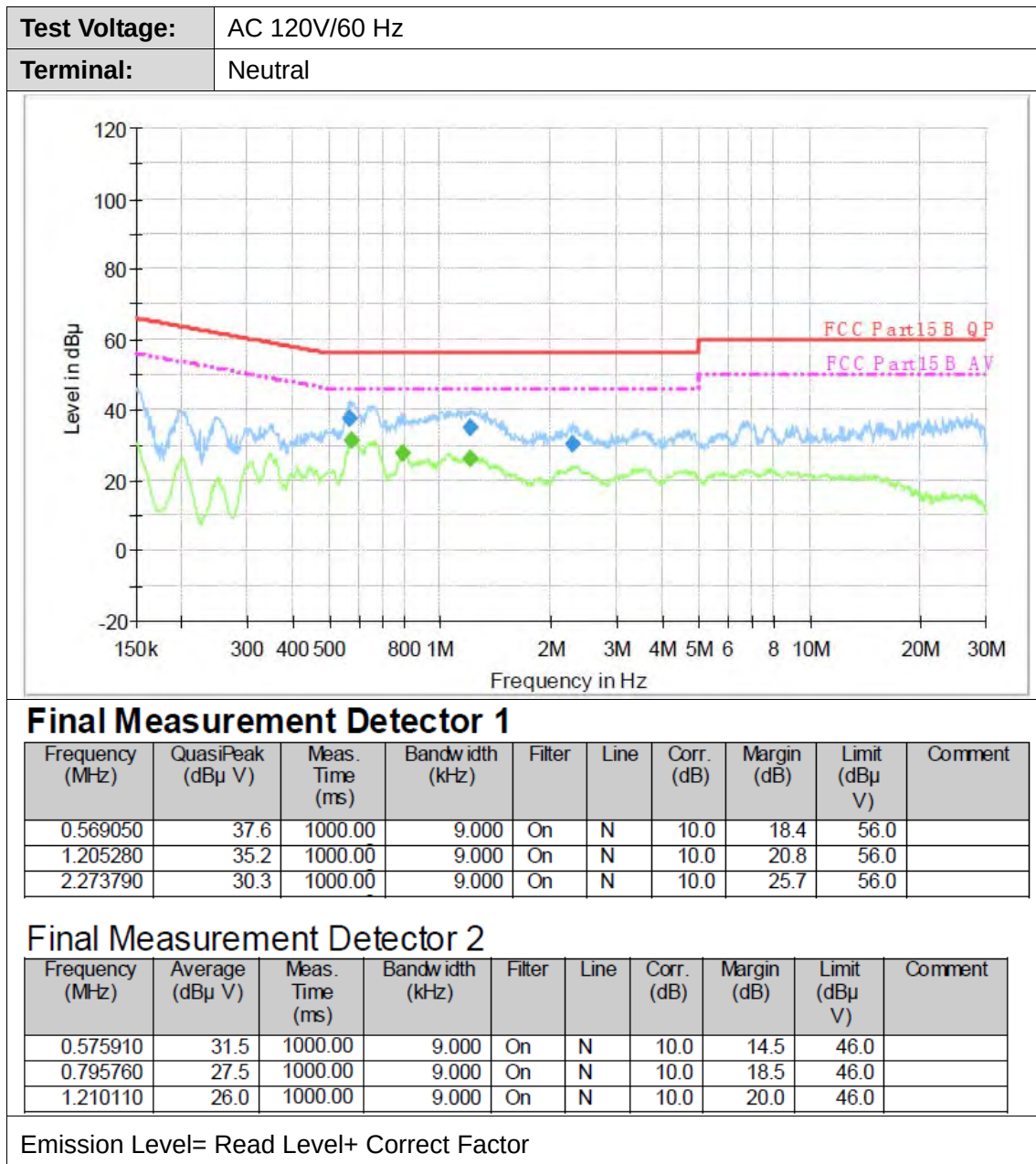
Test Procedure

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 impedances stabilization network (LISN). The LISN provides a 50 ohm /50uH coupling impedance for the measuring equipment.
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)
4. 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.
5. 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.
6. Conducted Emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9 kHz.
7. During the above scans, the emissions were maximized by cable manipulation.

Test Mode

Please refer to the clause 2.4.

**Test Results**





3.2. Radiated Emission

Limit

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

Frequency	Limit (dBuV/m @3m)	Value
30 MHz ~ 88 MHz	40.00	Quasi-peak
88 MHz ~ 216 MHz	43.50	Quasi-peak
216 MHz ~ 960 MHz	46.00	Quasi-peak
960 MHz ~ 1 GHz	54.00	Quasi-peak
Above 1 GHz	54.00	Average
	74.00	Peak

Note:

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

Limits of unwanted emission out of the restricted bands

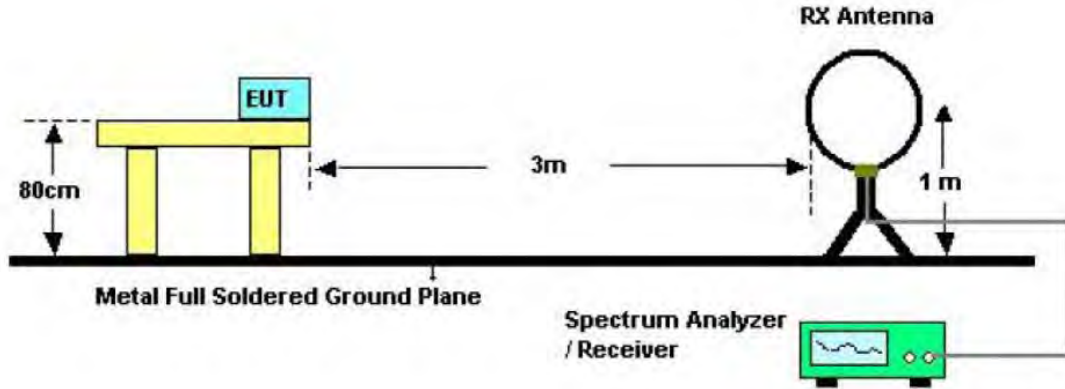
FCC CFR Title 47 Part 15 Subpart C Section 15.407(b)/ RSS-247 6.2.1.2 & RSS-247 6.2.4.2

Frequency (MHz)	EIRP Limits (dBm)	Equivalent Field Strength at 3m (dBuV/m)
5150~5250	-27	68.2
5250~5350	-27	68.2
5470~5725	-27	68.2
5725~5825	-27(Note 2)	68.2
	10(Note 2)	105.2
	15.6(Note 2)	110.8
	27(Note 2)	122.2

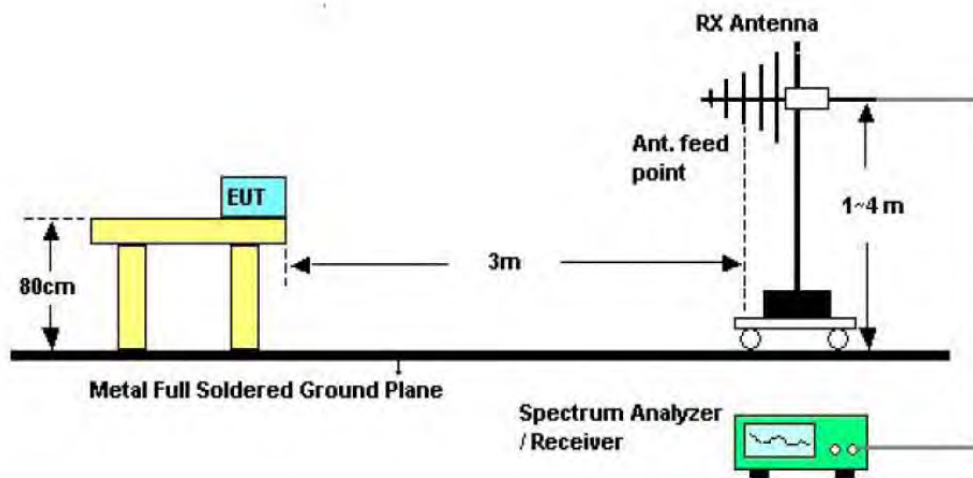
Note: 1. The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength: $E = \frac{1000000\sqrt{30P}}{3}$ uV/m, where P is the eirp (Watts)

2. According to FCC 16-24, All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27dBm/MHz at the band edge.

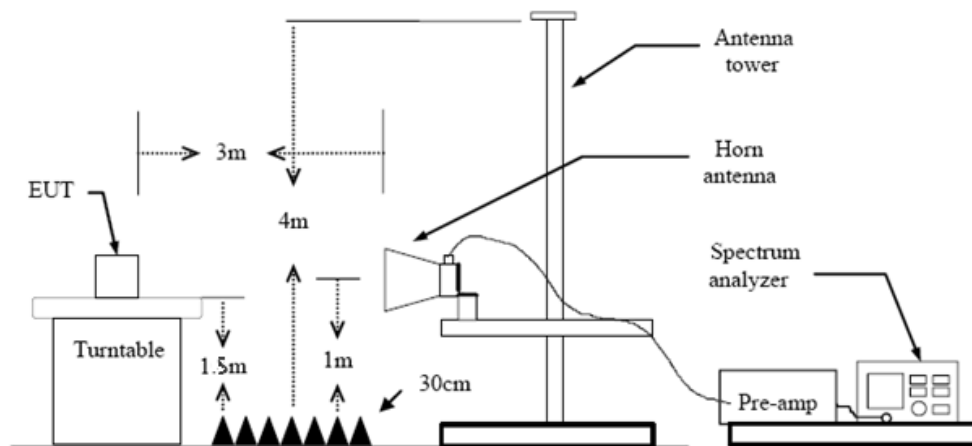
Test Configuration



Below 30MHz Test Setup



Below 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) Below 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.
 - (3) From 1 GHz to 10th harmonic:
RBW=1MHz, VBW=3MHz Peak detector for Peak value.
RBW=1MHz, VBW $\geq$ 1/T Peak detector for Average value.
Note 1: For the 1/T & Duty Cycle please refer to clause Duty Cycle.

Test Mode

Please refer to the clause 2.4.

Test Result

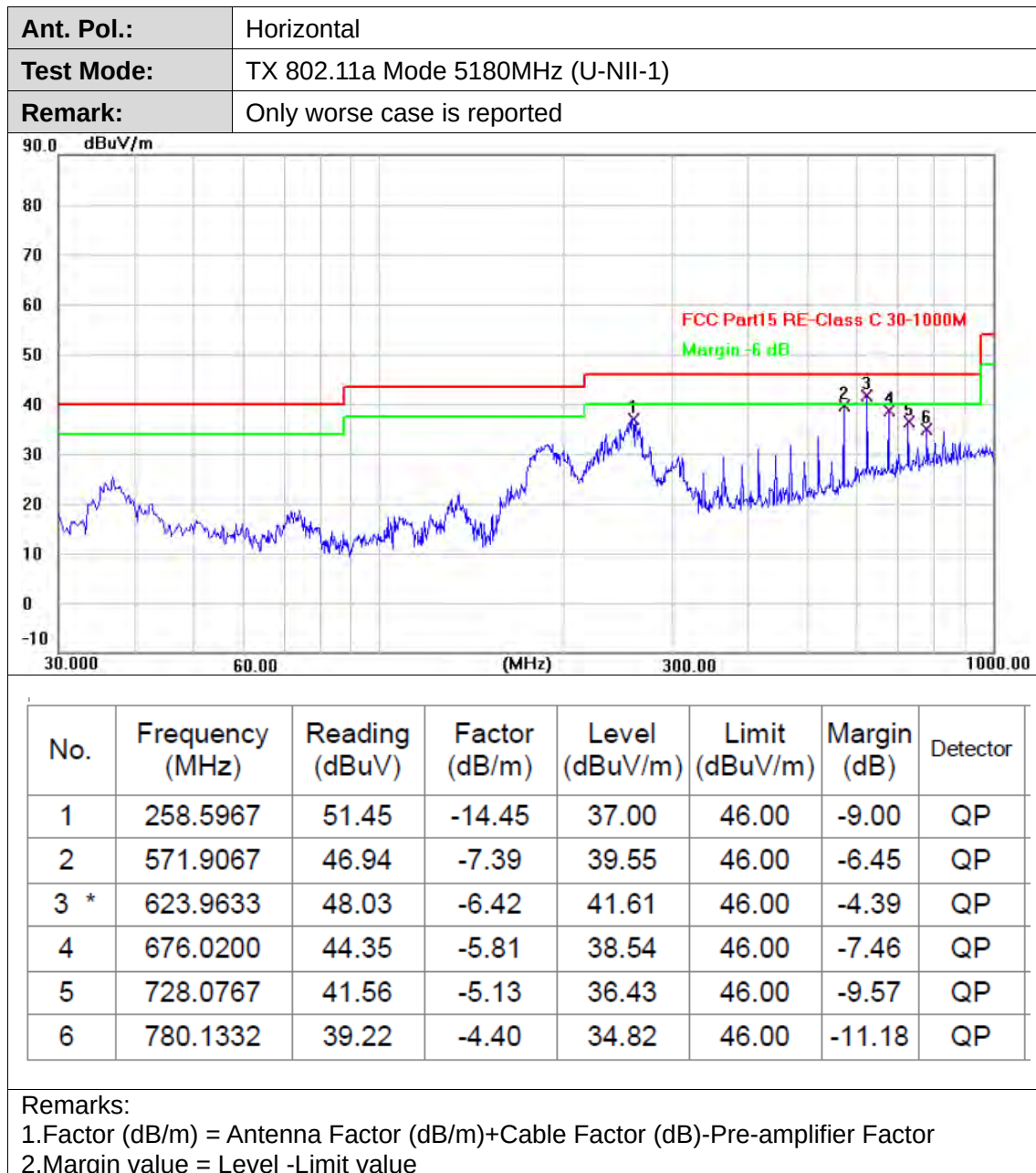
9 KHz~30 MHz

From 9 KHz to 30 MHz: Conclusion: PASS

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

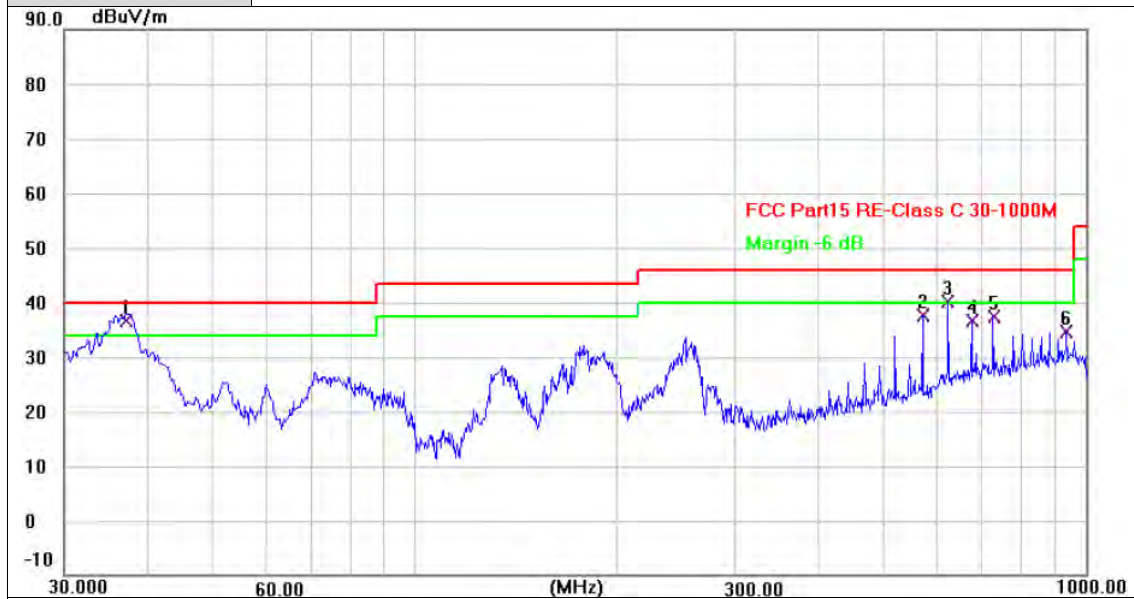


30MHz-1GHz





Ant. Pol.:	Vertical
Test Mode:	TX 802.11a Mode 5180MHz (U-NII-1)
Remark:	Only worse case is reported



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	37.1133	52.04	-15.49	36.55	40.00	-3.45	QP
2	571.9067	45.05	-7.39	37.66	46.00	-8.34	QP
3 !	623.9633	46.57	-6.42	40.15	46.00	-5.85	QP
4	676.0200	42.33	-5.81	36.52	46.00	-9.48	QP
5	728.0767	42.56	-5.13	37.43	46.00	-8.57	QP
6	935.9800	36.93	-2.28	34.65	46.00	-11.35	QP

Remarks:

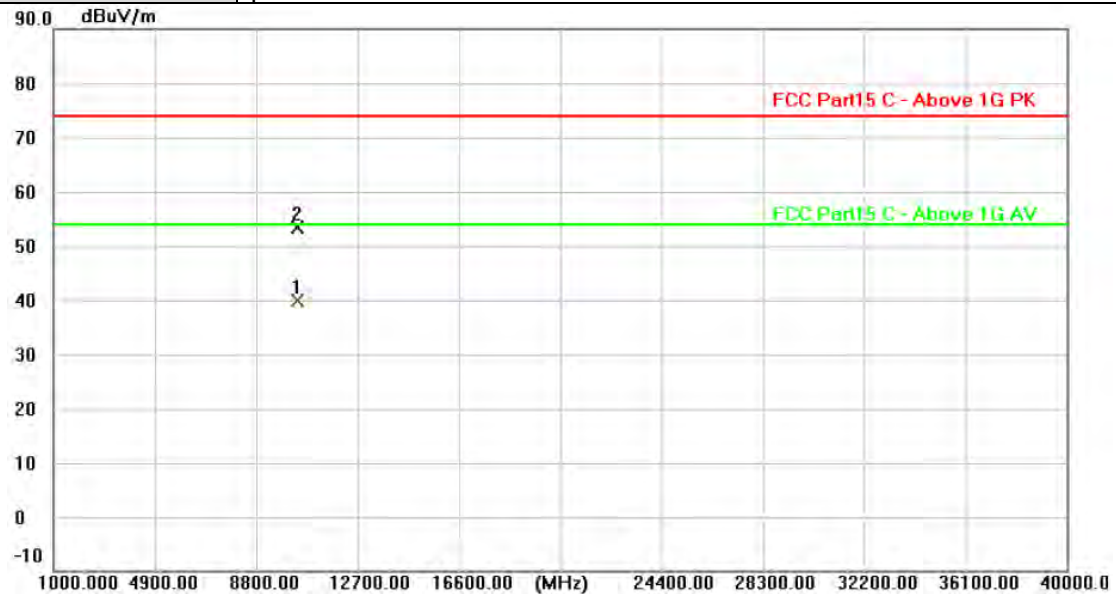
1. Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB) - Pre-amplifier Factor

2. Margin value = Level - Limit value



Above 1GHz

Ant. Pol.:	Horizontal
Test Mode:	TX 802.11a Mode 5180MHz (U-NII-1)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10360.429	26.21	13.59	39.80	54.00	-14.20	AVG
2	10360.750	39.69	13.60	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. Pol.:	Vertical
Test Mode:	TX 802.11a Mode 5180MHz (U-NII-1)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m

80

70

60

50

40

30

20

10

0

-10

1000.000 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.0

FCC Part15 C - Above 1G PK

FCC Part15 C - Above 1G AV

2

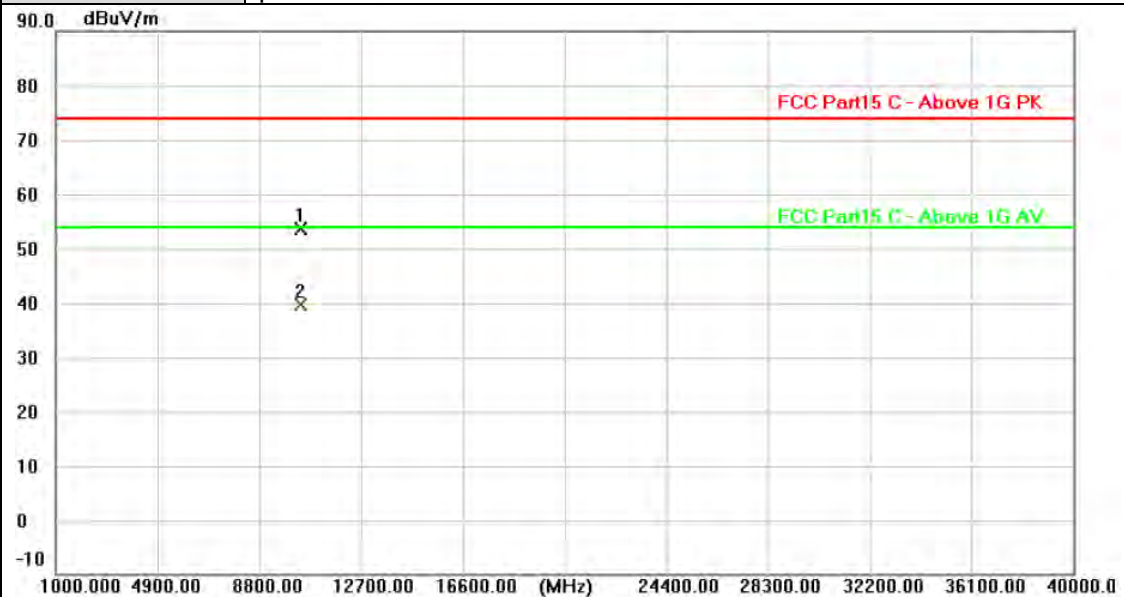
1

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10360.572	26.00	13.59	39.59	54.00	-14.41	AVG
2	10360.783	40.79	13.60	54.39	74.00	-19.61	peak

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



Ant. Pol.:	Horizontal
Test Mode:	TX 802.11a Mode 5200MHz (U-NII-1)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10399.298	40.05	13.67	53.72	74.00	-20.28	peak
2 *	10400.743	25.84	13.67	39.51	54.00	-14.49	AVG

Remarks:

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



Ant. Pol.:	Vertical
Test Mode:	TX 802.11a Mode 5200MHz (U-NII-1)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m

80

70

60

50

40

30

20

10

0

-10

1000.00 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.00

FCC Part15 C - Above 1G PK

FCC Part15 C - Above 1G AV

1

2

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10399.282	39.83	13.67	53.50	74.00	-20.50	peak
2 *	10399.416	26.15	13.67	39.82	54.00	-14.18	AVG

Remarks:

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

2.Margin value = Level -Limit value



Ant. Pol.:	Horizontal
Test Mode:	TX 802.11a Mode 5240MHz (U-NII-1)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m

1000.00 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.0

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10479.424	40.30	13.80	54.10	74.00	-19.90	peak
2 *	10480.552	26.15	13.80	39.95	54.00	-14.05	AVG

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



Ant. Pol.:	Vertical
Test Mode:	TX 802.11a Mode 5240MHz (U-NII-1)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m

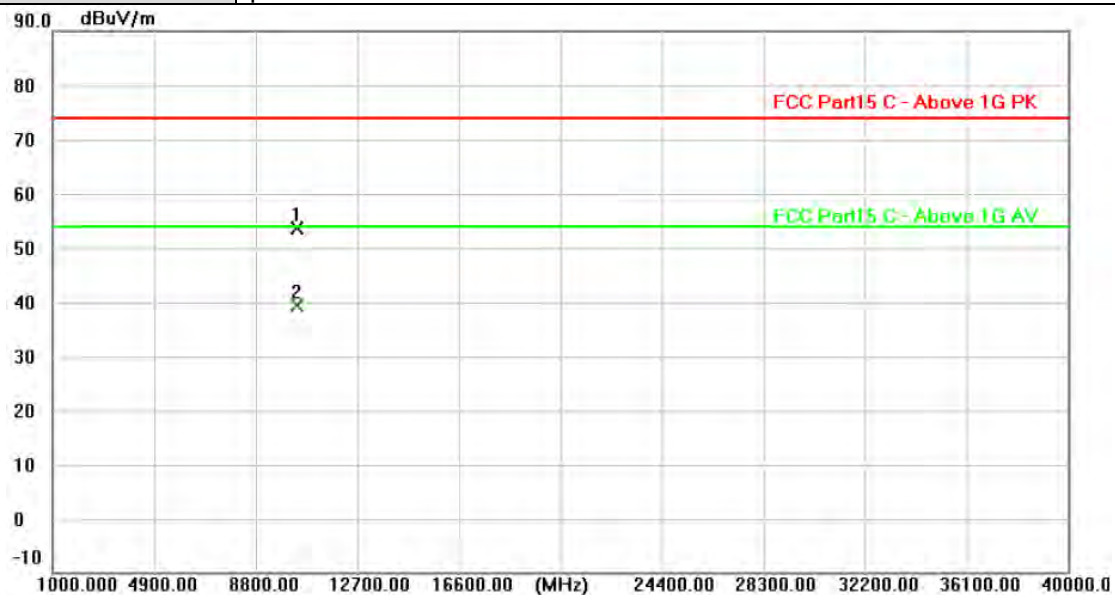
1000.000 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.0

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10480.000	40.56	13.80	54.36	74.00	-19.64	peak
2 *	10480.000	25.01	13.80	38.81	54.00	-15.19	AVG

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



Ant. Pol.:	Horizontal
Test Mode:	TX 802.11n(HT20) Mode 5180MHz (U-NII-1)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10359.830	40.03	13.60	53.63	74.00	-20.37	peak
2 *	10360.944	25.67	13.60	39.27	54.00	-14.73	AVG

Remarks:

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



Ant. Pol.:	Vertical
Test Mode:	TX 802.11n(HT20) Mode 5180MHz (U-NII-1)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m

The graph displays the emission spectrum for a TX 802.11n(HT20) Mode 5180MHz (U-NII-1) device. The y-axis represents the field strength in dBuV/m, ranging from -10 to 90.0. The x-axis represents the frequency in MHz, ranging from 1000.000 to 40000.0. Two horizontal lines indicate the FCC Part 15 C limits: a red line for 'Above 1G PK' at 74.00 dBuV/m and a green line for 'Above 1G AV' at 54.00 dBuV/m. Two data points are plotted at 10360.00 MHz: a peak reading of 40.35 dBuV (labeled '1') and an average reading of 24.63 dBuV (labeled '2').

1000.000 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.0

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10360.000	40.35	13.60	53.95	74.00	-20.05	peak
2 *	10360.000	24.63	13.60	38.23	54.00	-15.77	AVG

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



Ant. Pol.:	Horizontal
Test Mode:	TX 802.11n(HT20) Mode 5200MHz (U-NII-1)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m

80

70

60

50

40

30

20

10

0

-10

1000.000 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.0

FCC Part15 C - Above 1G PK

FCC Part15 C - Above 1G AV

2

1

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10399.004	26.21	13.67	39.88	54.00	-14.12	AVG
2	10399.941	40.53	13.67	54.20	74.00	-19.80	peak

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



Ant. Pol.:	Vertical
Test Mode:	TX 802.11n(HT20) Mode 5200MHz (U-NII-1)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m

1000.000 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.00

FCC Part15 C - Above 1G PK

FCC Part15 C - Above 1G AV

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10400.000	39.91	13.67	53.58	74.00	-20.42	peak
2 *	10400.000	24.96	13.67	38.63	54.00	-15.37	AVG

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



Ant. Pol.:	Horizontal
Test Mode:	TX 802.11n(HT20) Mode 5240MHz (U-NII-1)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m

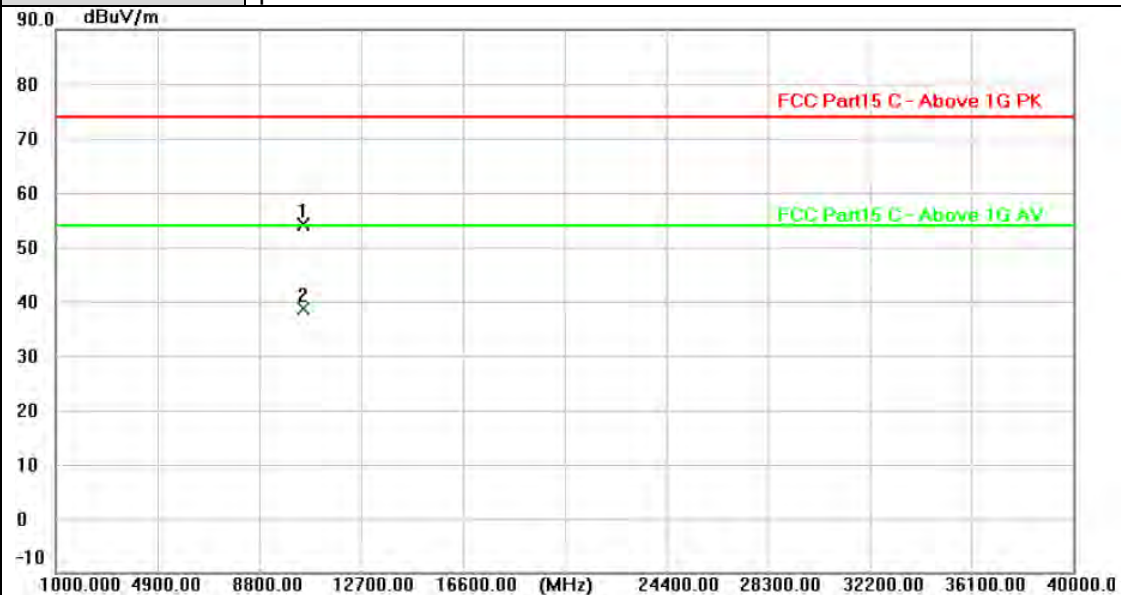
1000.000 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.0

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10479.717	26.01	13.80	39.81	54.00	-14.19	AVG
2	10480.699	39.88	13.80	53.68	74.00	-20.32	peak

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



Ant. Pol.:	Vertical
Test Mode:	TX 802.11n(HT20) Mode 5240MHz (U-NII-1)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.



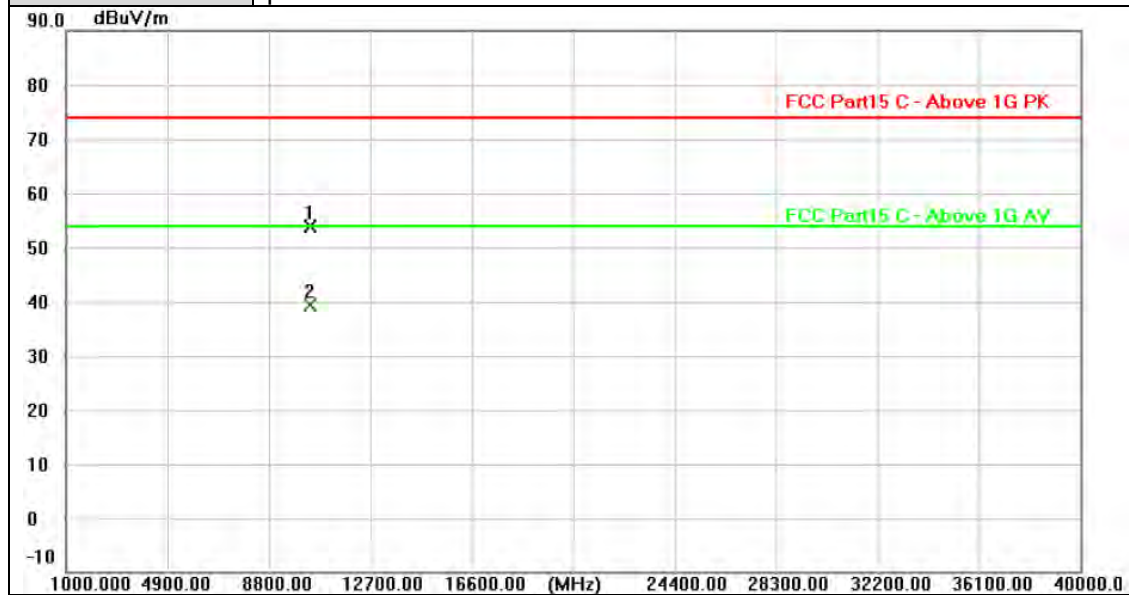
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10480.000	40.44	13.80	54.24	74.00	-19.76	peak
2 *	10480.000	24.84	13.80	38.64	54.00	-15.36	AVG

Remarks:

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



Ant. Pol.:	Horizontal
Test Mode:	TX 802.11ac(VHT20) Mode 5180MHz (U-NII-1)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10359.314	40.38	13.60	53.98	74.00	-20.02	peak
2 *	10359.578	25.71	13.60	39.31	54.00	-14.69	AVG

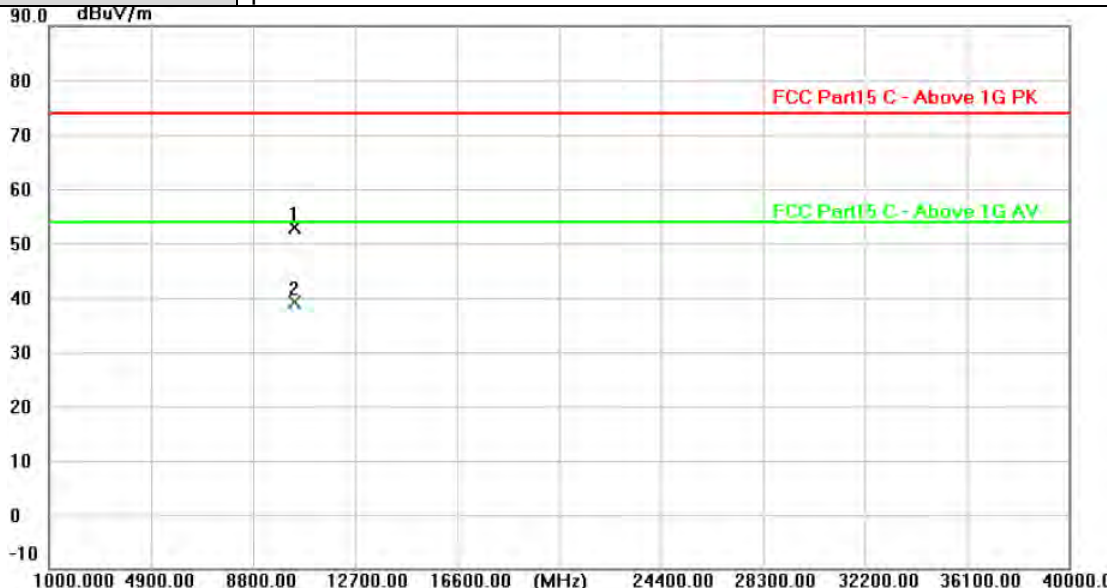
Remarks:

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



Ant. Pol.:	Vertical
Test Mode:	TX 802.11ac(VHT20) Mode 5180MHz (U-NII-1)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m



1000.000 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.0

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10360.179	39.32	13.60	52.92	74.00	-21.08	peak
2 *	10360.330	25.58	13.59	39.17	54.00	-14.83	AVG

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



Ant. Pol.:	Horizontal
Test Mode:	TX 802.11ac(VHT20) Mode 5200MHz (U-NII-1)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m

1000.000 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.0

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10400.653	26.07	13.67	39.74	54.00	-14.26	AVG
2	10400.710	39.97	13.67	53.64	74.00	-20.36	peak

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



Ant. Pol.:	Vertical
Test Mode:	TX 802.11ac(VHT20) Mode 5200MHz (U-NII-1)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m

80

70

60

50

40

30

20

10

0

-10

1000.00 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.00

FCC Part15 C - Above 1G PK

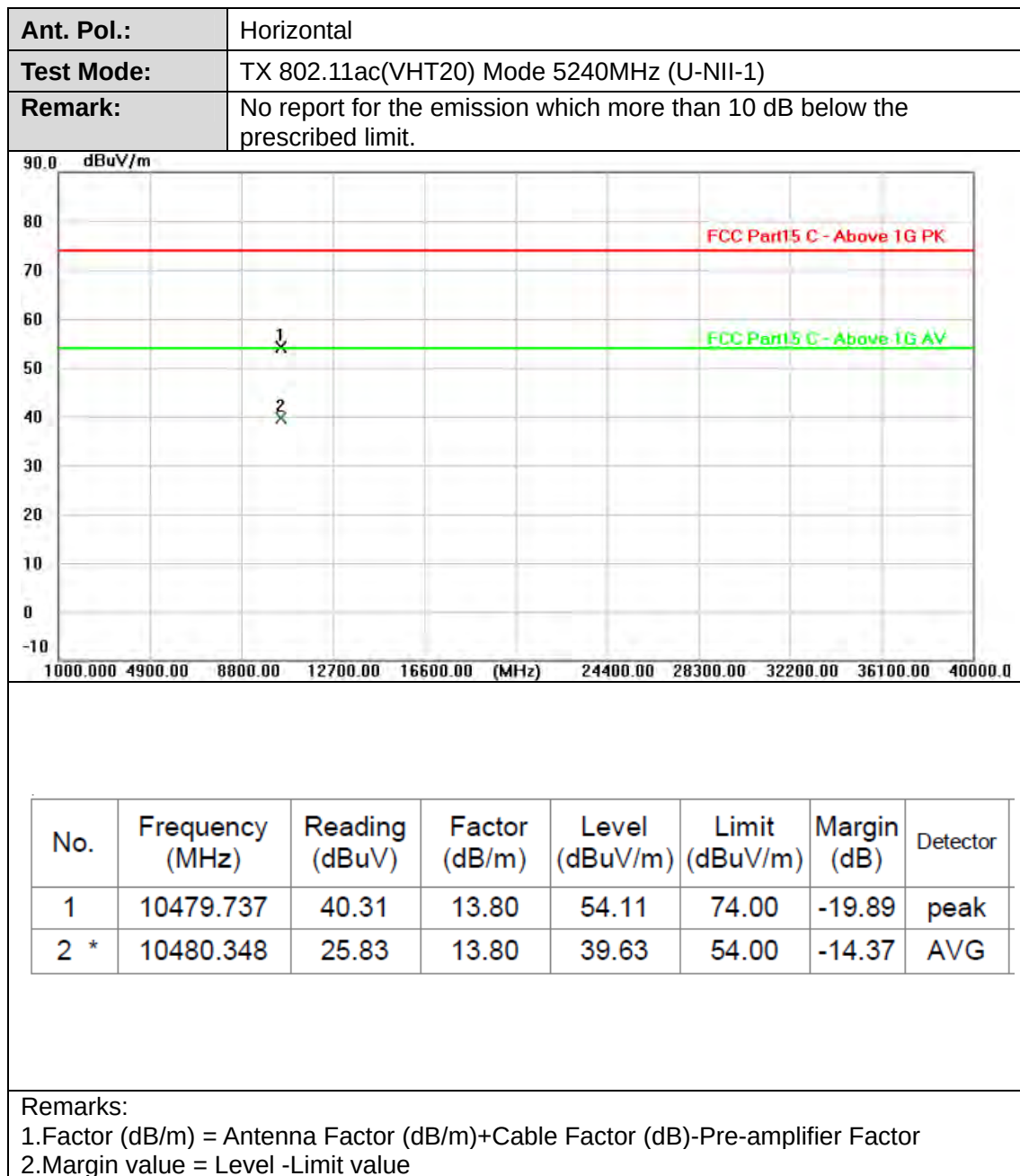
FCC Part15 C - Above 1G AV

2

1

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10399.795	25.93	13.67	39.60	54.00	-14.40	AVG
2	10400.949	40.72	13.67	54.39	74.00	-19.61	peak

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





Ant. Pol.:	Vertical
Test Mode:	TX 802.11ac(VHT20) Mode 5240MHz (U-NII-1)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m

1000.000 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.0

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10480.435	40.22	13.80	54.02	74.00	-19.98	peak
2 *	10480.930	26.08	13.80	39.88	54.00	-14.12	AVG

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



Ant. Pol.:	Horizontal
Test Mode:	TX 802.11n(HT40) Mode 5190MHz (U-NII-1)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m

1000.000 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.0

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10379.211	25.72	13.63	39.35	54.00	-14.65	AVG
2	10380.563	39.83	13.63	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. Pol.:	Vertical
Test Mode:	TX 802.11n(HT40) Mode 5190MHz (U-NII-1)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m

1000.000 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.0

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10380.081	39.92	13.63	53.55	74.00	-20.45	peak
2 *	10380.490	25.84	13.63	39.47	54.00	-14.53	AVG

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



Ant. Pol.:	Horizontal
Test Mode:	TX 802.11n(HT40) Mode 5230MHz (U-NII-1)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m

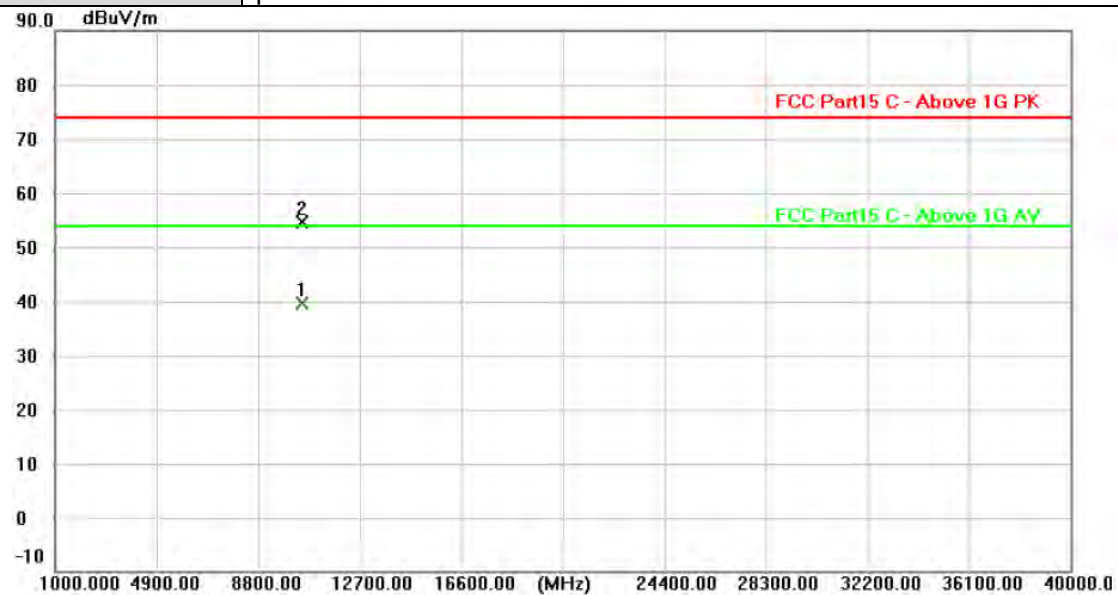
1000.000 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.0

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10459.662	40.73	13.77	54.50	74.00	-19.50	peak
2 *	10460.525	25.67	13.77	39.44	54.00	-14.56	AVG

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



Ant. Pol.:	Vertical
Test Mode:	TX 802.11n(HT40) Mode 5230MHz (U-NII-1)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10459.736	25.93	13.77	39.70	54.00	-14.30	AVG
2	10460.841	40.83	13.78	54.61	74.00	-19.39	peak

Remarks:

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



Ant. Pol.:	Horizontal
Test Mode:	TX 802.11ac(VHT40) Mode 5190MHz (U-NII-1)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m

1000.000 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.0

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10379.823	40.57	13.63	54.20	74.00	-19.80	peak
2 *	10380.193	25.60	13.63	39.23	54.00	-14.77	AVG

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



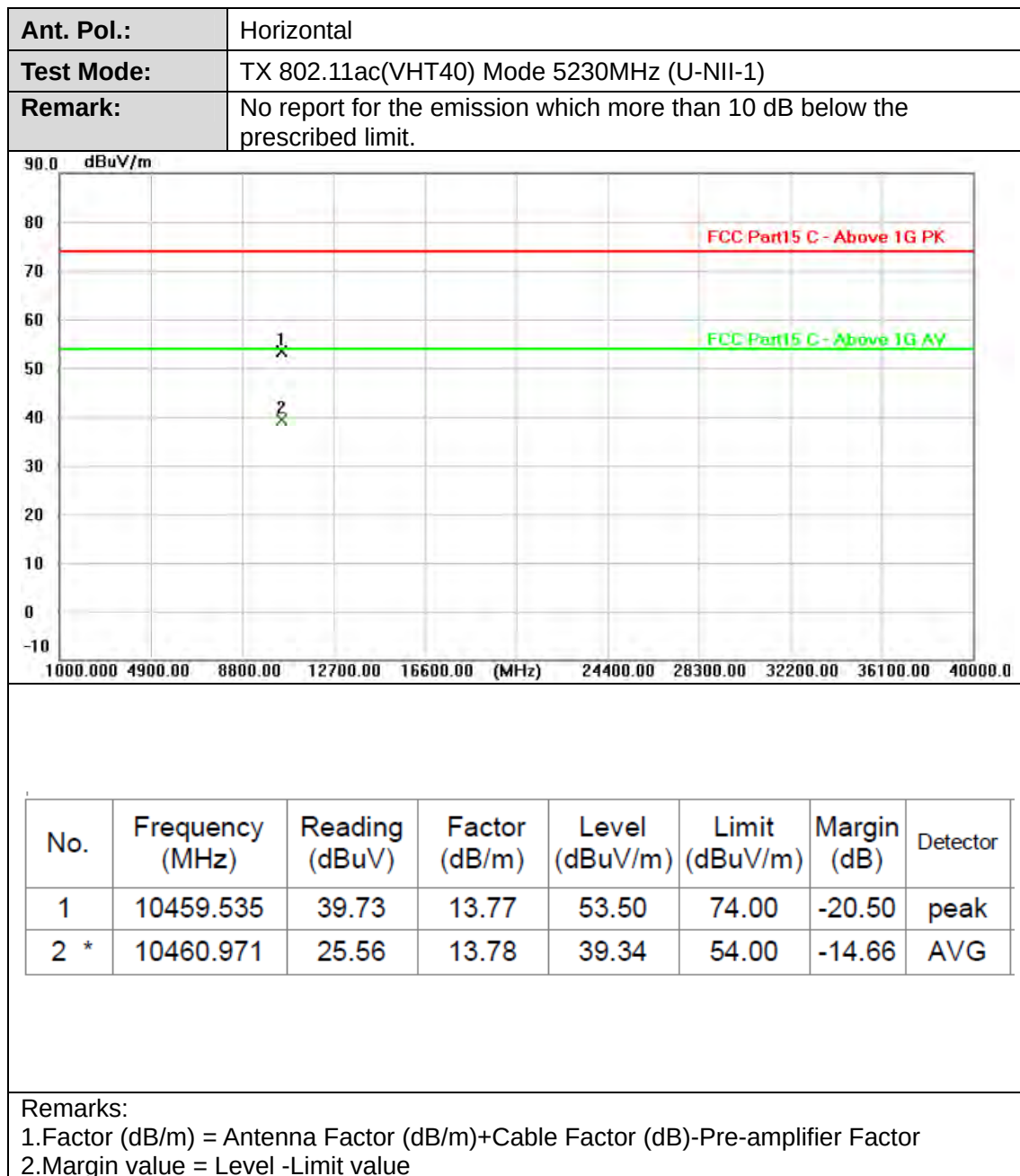
Ant. Pol.:	Vertical
Test Mode:	TX 802.11ac(VHT40) Mode 5190MHz (U-NII-1)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m

1000.00 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.0

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10380.188	25.82	13.63	39.45	54.00	-14.55	AVG
2	10380.603	40.84	13.63	54.47	74.00	-19.53	peak

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





Ant. Pol.:	Vertical
Test Mode:	TX 802.11ac(VHT40) Mode 5230MHz (U-NII-1)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m

80

70

60

50

40

30

20

10

0

-10

1000.000 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.0

FCC Part15 C - Above 1G PK

FCC Part15 C - Above 1G AY

1

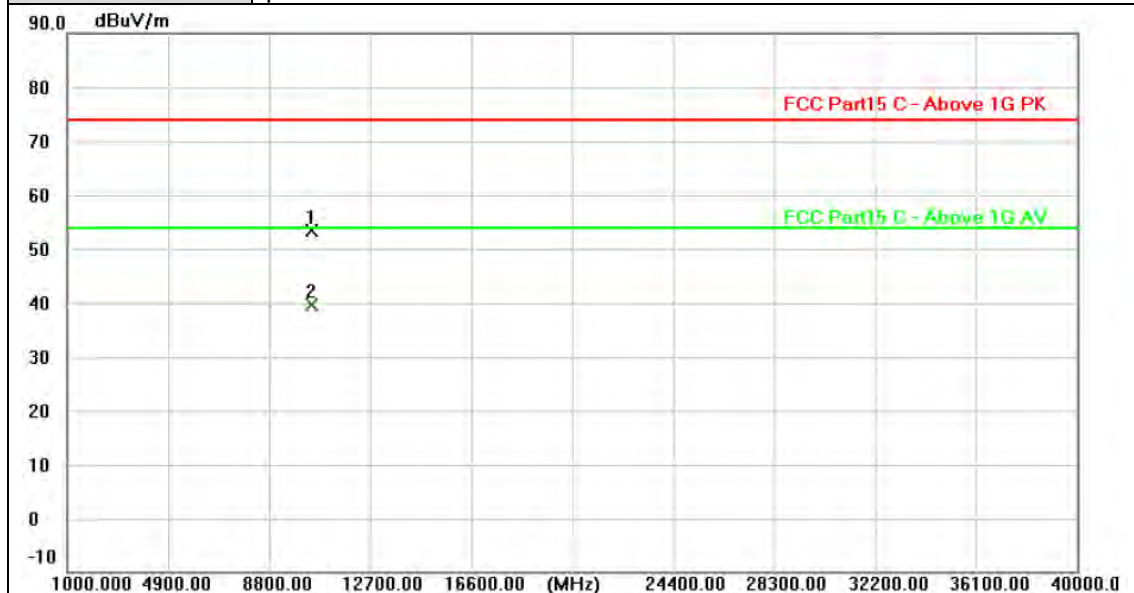
2

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10459.421	40.12	13.77	53.89	74.00	-20.11	peak
2 *	10460.961	25.44	13.78	39.22	54.00	-14.78	AVG

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



Ant. Pol.:	Horizontal
Test Mode:	TX 802.11ac(VHT80) Mode 5210MHz (U-NII-1)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10419.005	39.67	13.70	53.37	74.00	-20.63	peak
2 *	10419.516	25.83	13.70	39.53	54.00	-14.47	AVG

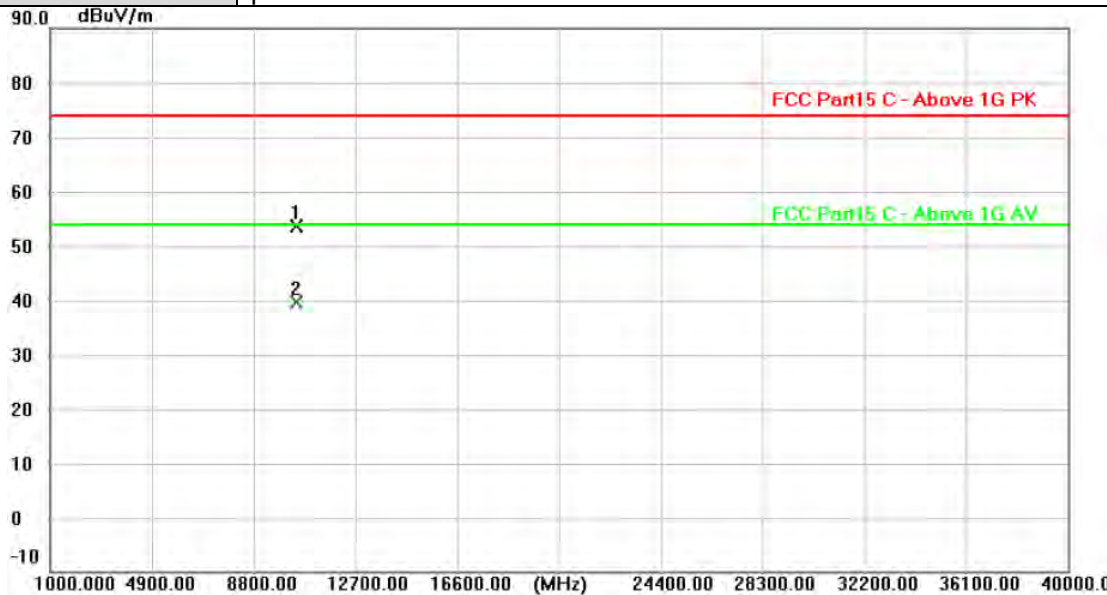
Remarks:

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



Ant. Pol.:	Vertical
Test Mode:	TX 802.11ac(VHT80) Mode 5210MHz (U-NII-1)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m



1000.00 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.0

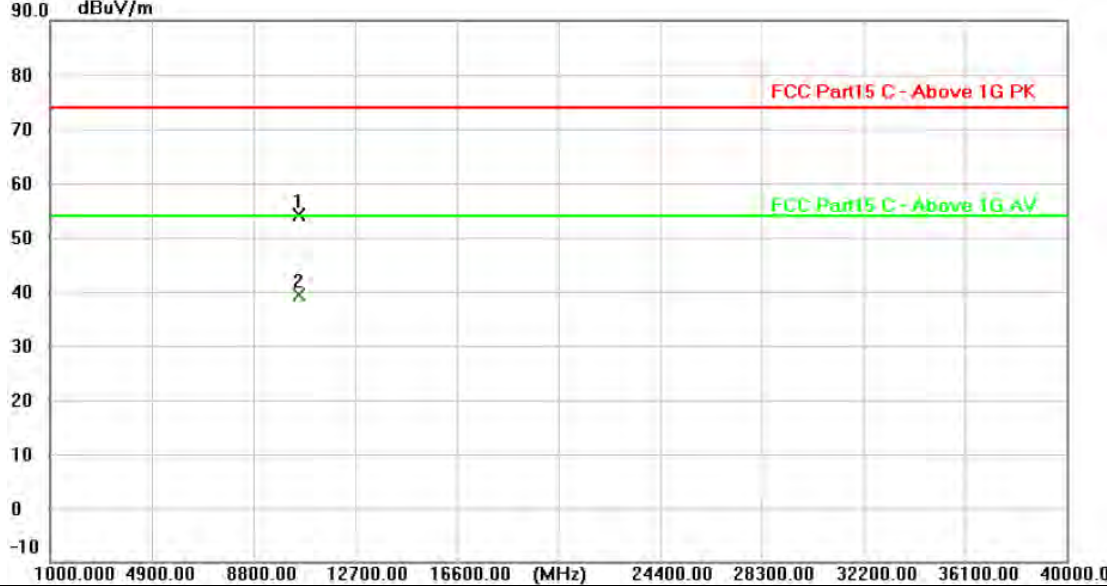
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10419.351	40.00	13.70	53.70	74.00	-20.30	peak
2 *	10419.466	25.95	13.70	39.65	54.00	-14.35	AVG

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



Ant. Pol.:	Horizontal
Test Mode:	TX 802.11a Mode 5260MHz (U-NII-2A)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m



1000.000 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.0

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10520.033	40.24	13.89	54.13	74.00	-19.87	peak
2 *	10520.997	25.47	13.89	39.36	54.00	-14.64	AVG

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



Ant. Pol.:	Vertical
Test Mode:	TX 802.11a Mode 5260MHz (U-NII-2A)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m

80

70

60

50

40

30

20

10

-10

1000.000 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.0

FCC Part15 C - Above 1G PK

FCC Part15 C - Above 1G AV

1

2

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10520.000	39.71	13.89	53.60	74.00	-20.40	peak
2 *	10520.000	24.45	13.89	38.34	54.00	-15.66	AVG

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



Ant. Pol.:	Horizontal
Test Mode:	TX 802.11a Mode 5280MHz (U-NII-2A)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m

80

70

60

50

40

30

20

10

0

-10

1000.000 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.0

FCC Part15 C - Above 1G PK

FCC Part15 C - Above 1G AV

2

1

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10559.147	25.29	13.97	39.26	54.00	-14.74	AVG
2	10559.497	39.30	13.97	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. Pol.:	Vertical
Test Mode:	TX 802.11a Mode 5280MHz (U-NII-2A)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m

80

70

60

50

40

30

20

10

-10

1000.00 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.00

FCC Part15 C - Above 1G PK

FCC Part15 C - Above 1G AV

1 x

2 x

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10560.000	39.62	13.97	53.59	74.00	-20.41	peak
2 *	10560.000	24.45	13.97	38.42	54.00	-15.58	AVG

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



Ant. Pol.:	Horizontal
Test Mode:	TX 802.11a Mode 5320MHz (U-NII-2A)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m

1000.000 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.0

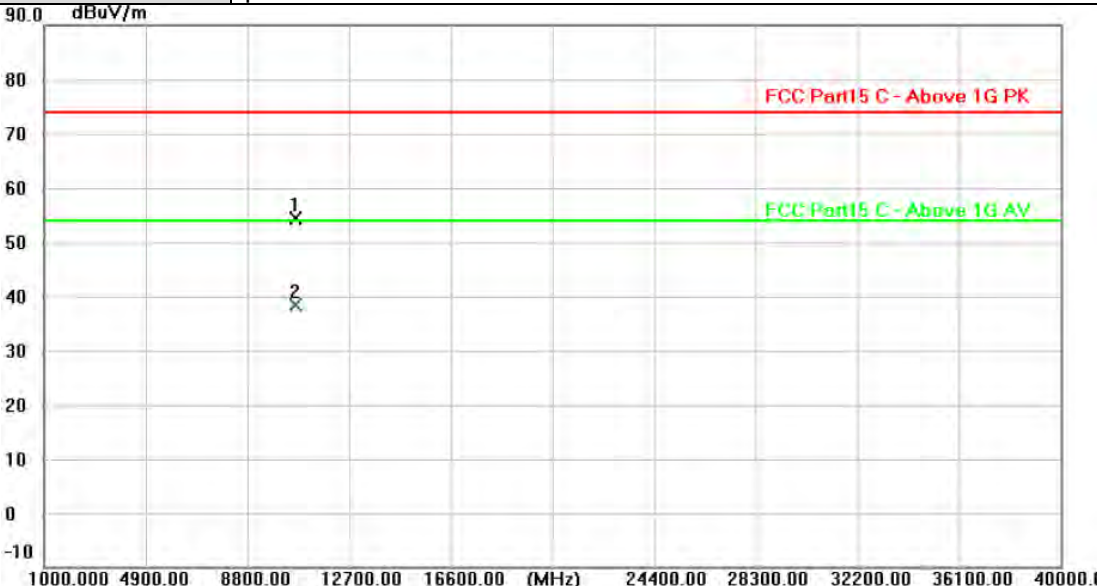
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10639.577	25.37	14.16	39.53	54.00	-14.47	AVG
2	10640.561	39.72	14.16	53.88	74.00	-20.12	peak

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



Ant. Pol.:	Vertical
Test Mode:	TX 802.11a Mode 5320MHz (U-NII-2A)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m



1000.000 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.0

FCC Part15 C - Above 1G PK

FCC Part15 C - Above 1G AV

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10640.000	40.30	14.16	54.46	74.00	-19.54	peak
2 *	10640.000	24.22	14.16	38.38	54.00	-15.62	AVG

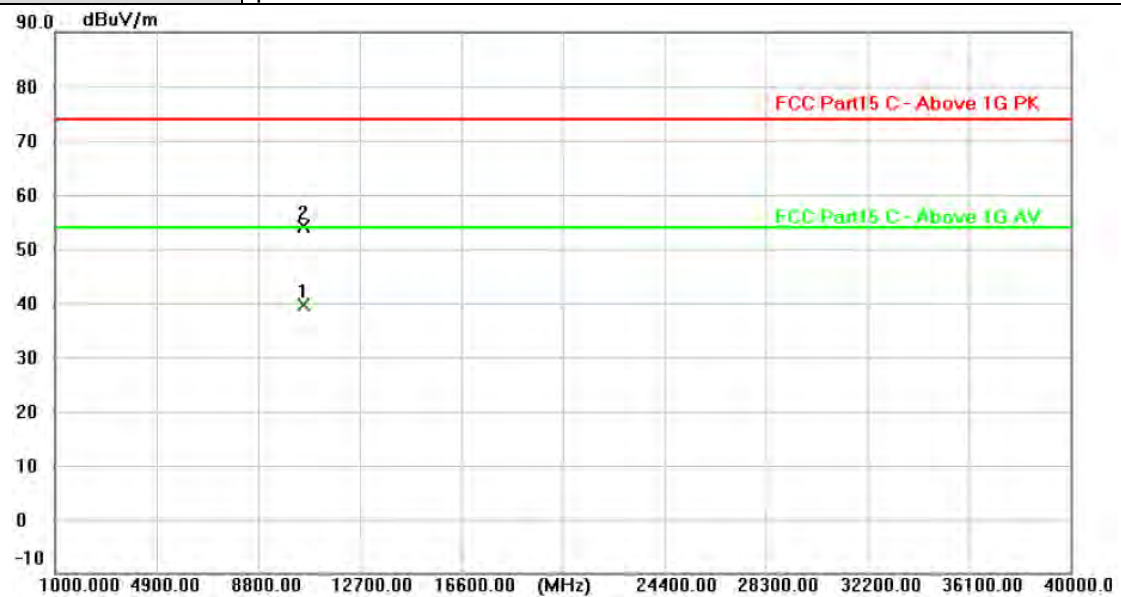
Remarks:

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

2.Margin value = Level -Limit value



Ant. Pol.:	Horizontal
Test Mode:	TX 802.11n(HT20) Mode 5260MHz (U-NII-2A)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10519.109	25.86	13.89	39.75	54.00	-14.25	AVG
2	10520.280	40.14	13.89	54.03	74.00	-19.97	peak

Remarks:

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



Ant. Pol.:	Vertical
Test Mode:	TX 802.11n(HT20) Mode 5260MHz (U-NII-2A)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m

1000.000 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.0

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10520.000	40.04	13.89	53.93	74.00	-20.07	peak
2 *	10520.000	24.68	13.89	38.57	54.00	-15.43	AVG

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



Ant. Pol.:	Horizontal
Test Mode:	TX 802.11n(HT20) Mode 5280MHz (U-NII-2A)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m

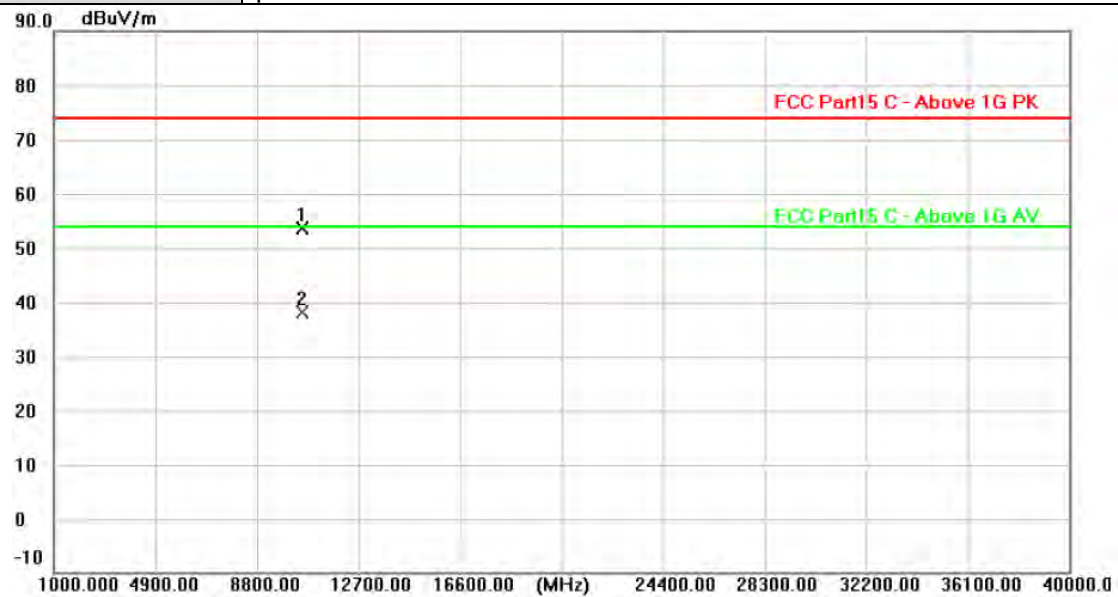
1000.000 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.0

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10560.192	25.42	13.97	39.39	54.00	-14.61	AVG
2	10560.405	40.24	13.97	54.21	74.00	-19.79	peak

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



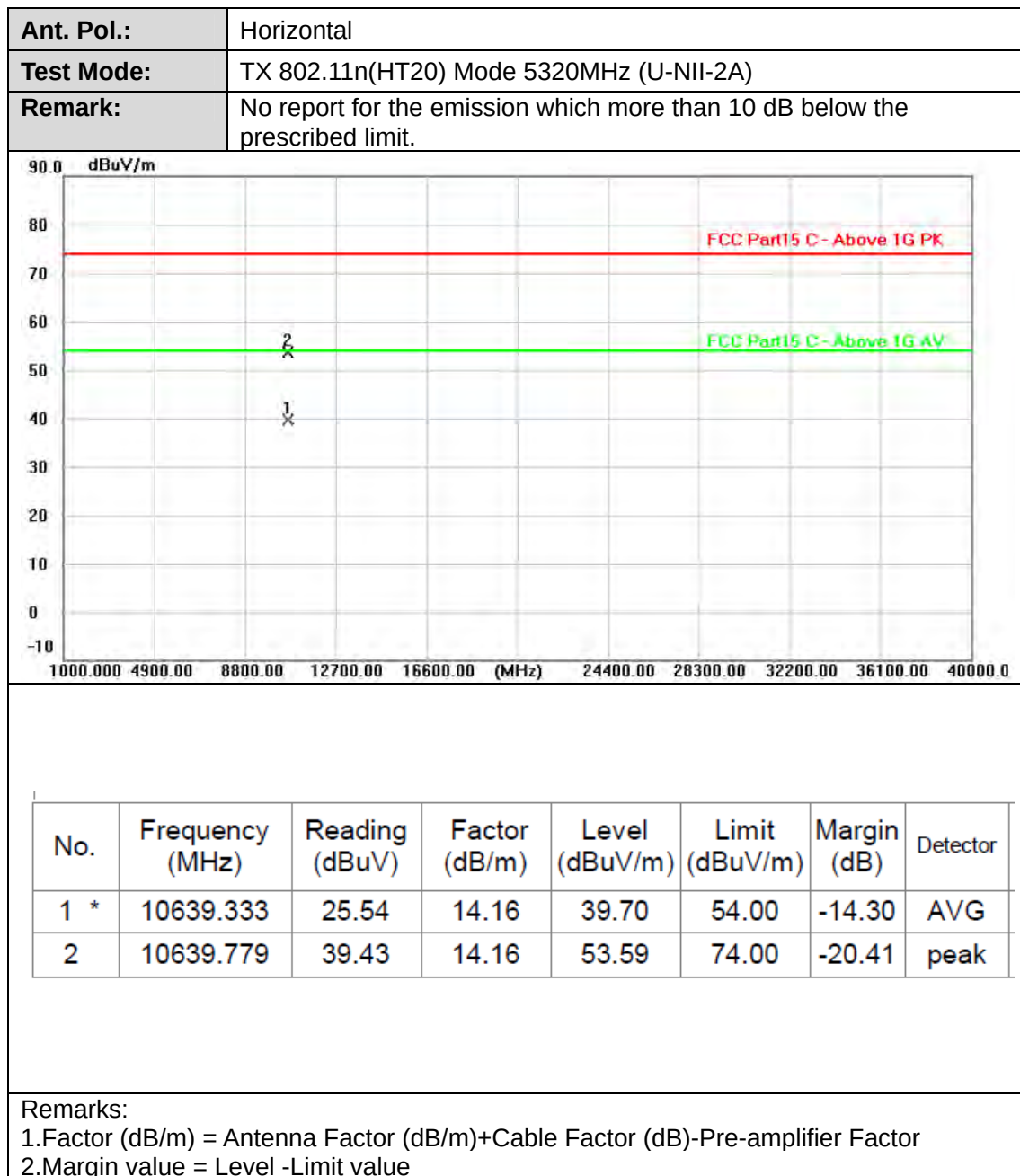
Ant. Pol.:	Vertical
Test Mode:	TX 802.11n(HT20) Mode 5280MHz (U-NII-2A)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10560.000	39.72	13.97	53.69	74.00	-20.31	peak
2 *	10560.000	24.24	13.97	38.21	54.00	-15.79	AVG

Remarks:

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





Ant. Pol.:	Vertical
Test Mode:	TX 802.11n(HT20) Mode 5320MHz (U-NII-2A)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m

1000.00 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.0

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10640.000	40.56	14.16	54.72	74.00	-19.28	peak
2 *	10640.000	24.52	14.16	38.68	54.00	-15.32	AVG

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



Ant. Pol.:	Horizontal
Test Mode:	TX 802.11ac(VHT20) Mode 5260MHz (U-NII-2A)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m

74 FCC Part15 C - Above 1G PK

54 FCC Part15 C - Above 1G AY

40 1 2

1000.00 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.00

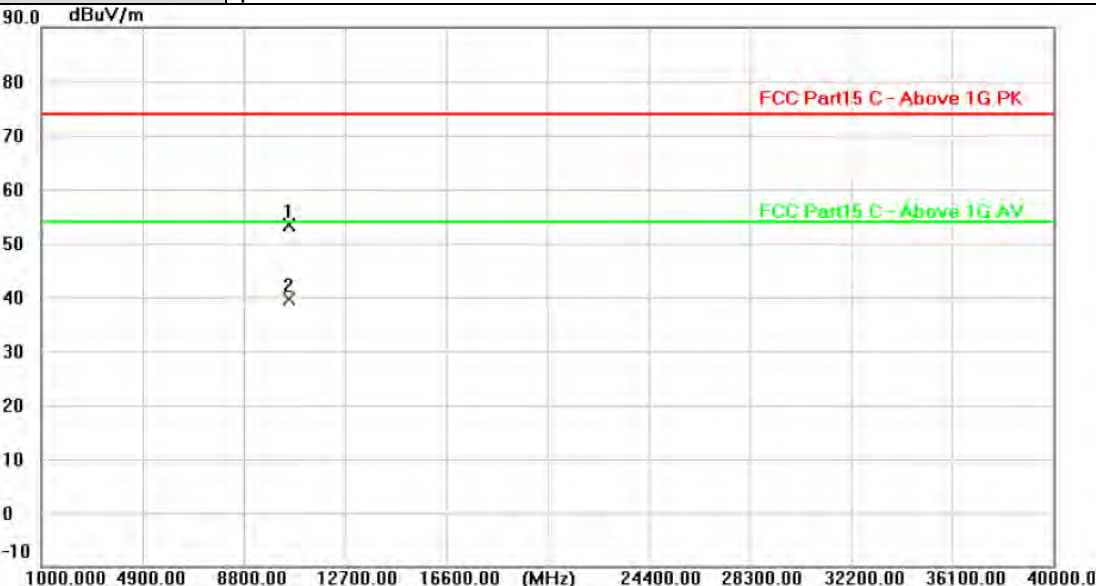
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10519.338	25.73	13.89	39.62	54.00	-14.38	AVG
2	10519.773	41.03	13.89	54.92	74.00	-19.08	peak

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



Ant. Pol.:	Vertical
Test Mode:	TX 802.11ac(VHT20) Mode 5260MHz (U-NII-2A)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

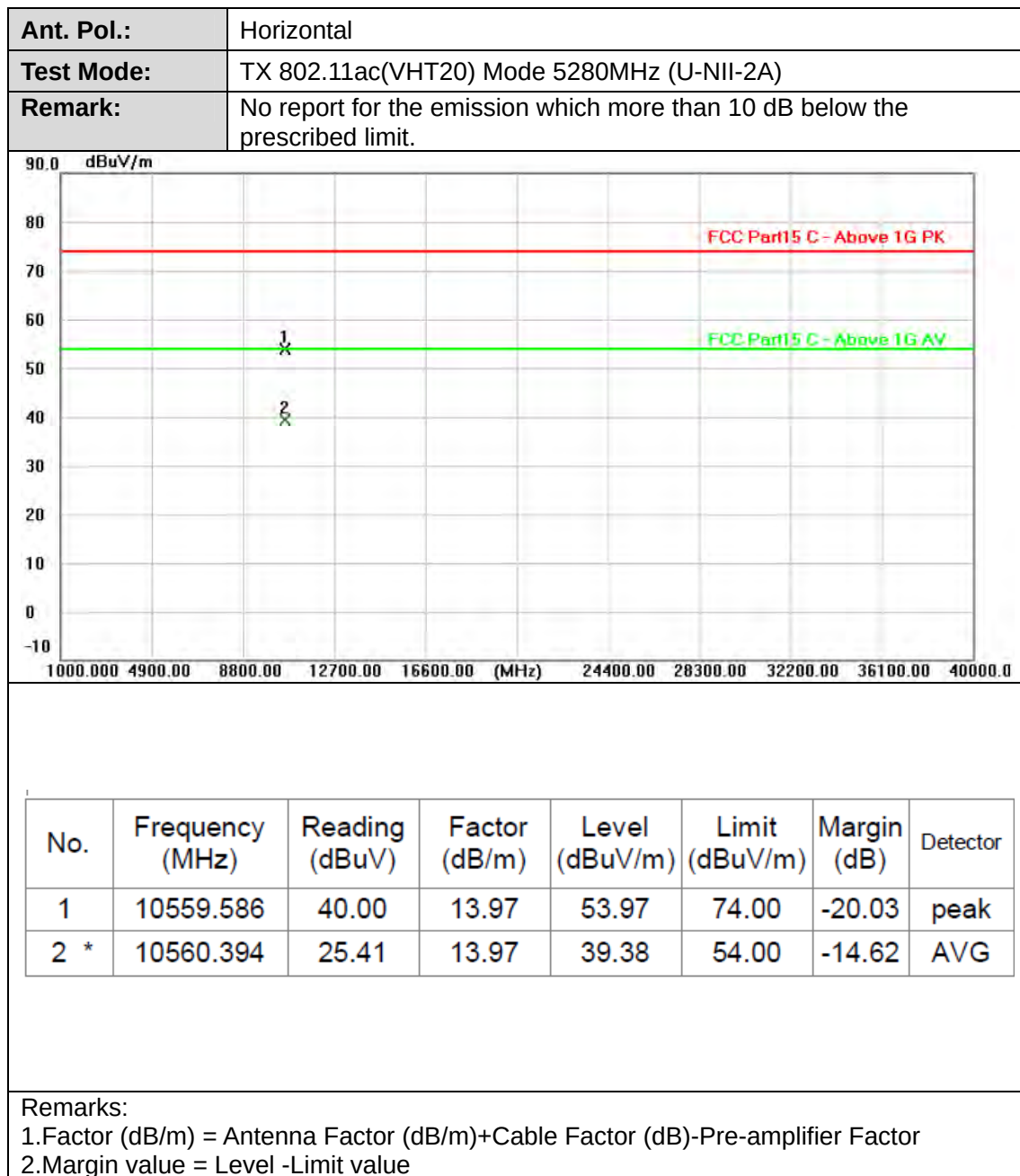
90.0 dBuV/m



1000.000 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.0

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10519.336	39.45	13.89	53.34	74.00	-20.66	peak
2 *	10520.151	25.68	13.89	39.57	54.00	-14.43	AVG

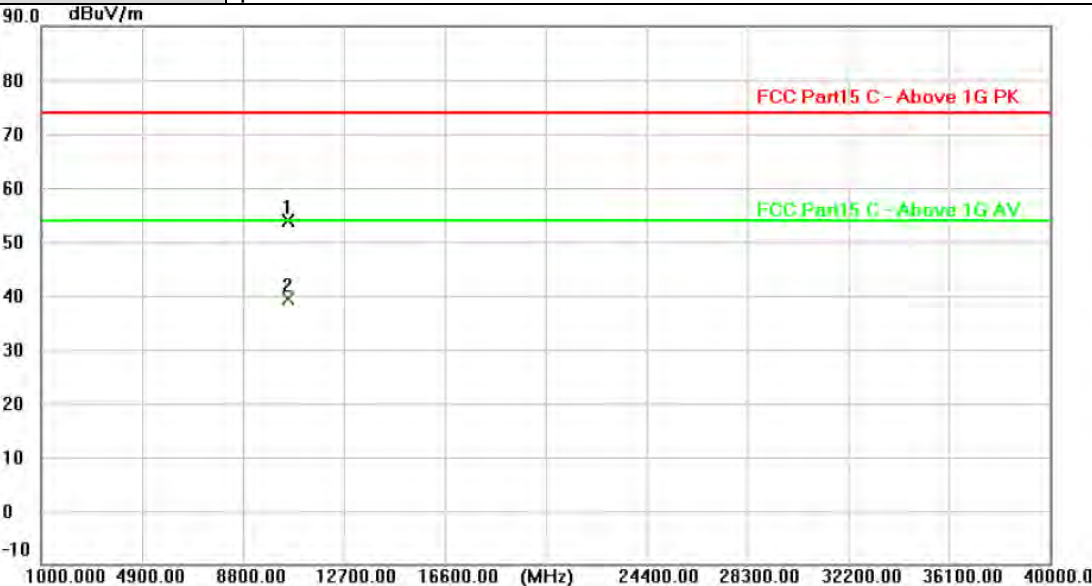
Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value





Ant. Pol.:	Vertical
Test Mode:	TX 802.11ac(VHT20) Mode 5280MHz (U-NII-2A)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m



1000.000 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.0

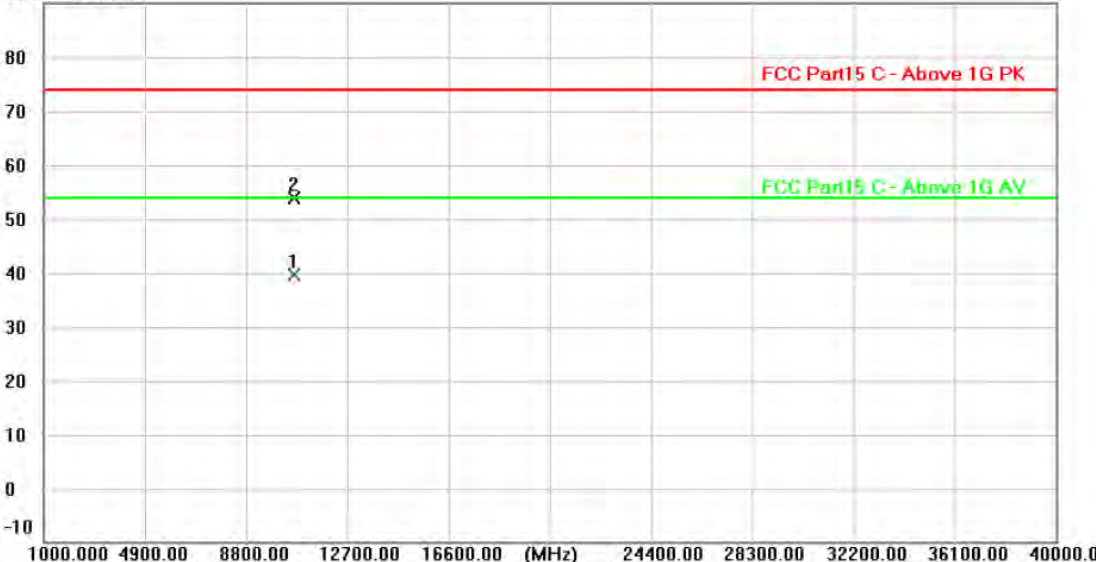
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10559.168	39.80	13.97	53.77	74.00	-20.23	peak
2 *	10560.485	25.29	13.97	39.26	54.00	-14.74	AVG

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



Ant. Pol.:	Horizontal
Test Mode:	TX 802.11ac(VHT20) Mode 5320MHz (U-NII-2A)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m



1000.00 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.00

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10639.727	25.48	14.16	39.64	54.00	-14.36	AVG
2	10639.883	39.75	14.16	53.91	74.00	-20.09	peak

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



Ant. Pol.:	Vertical
Test Mode:	TX 802.11ac(VHT20) Mode 5320MHz (U-NII-2A)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m

1000.000 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.0

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10639.027	25.59	14.15	39.74	54.00	-14.26	AVG
2	10639.349	39.56	14.16	53.72	74.00	-20.28	peak

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



Ant. Pol.:	Horizontal
Test Mode:	TX 802.11n(HT40) Mode 5270MHz (U-NII-2A)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m

1000.000 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.0

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10539.337	25.12	13.93	39.05	54.00	-14.95	AVG
2	10540.780	40.10	13.93	54.03	74.00	-19.97	peak

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



Ant. Pol.:	Vertical
Test Mode:	TX 802.11n(HT40) Mode 5270MHz (U-NII-2A)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m

1000.000 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.0

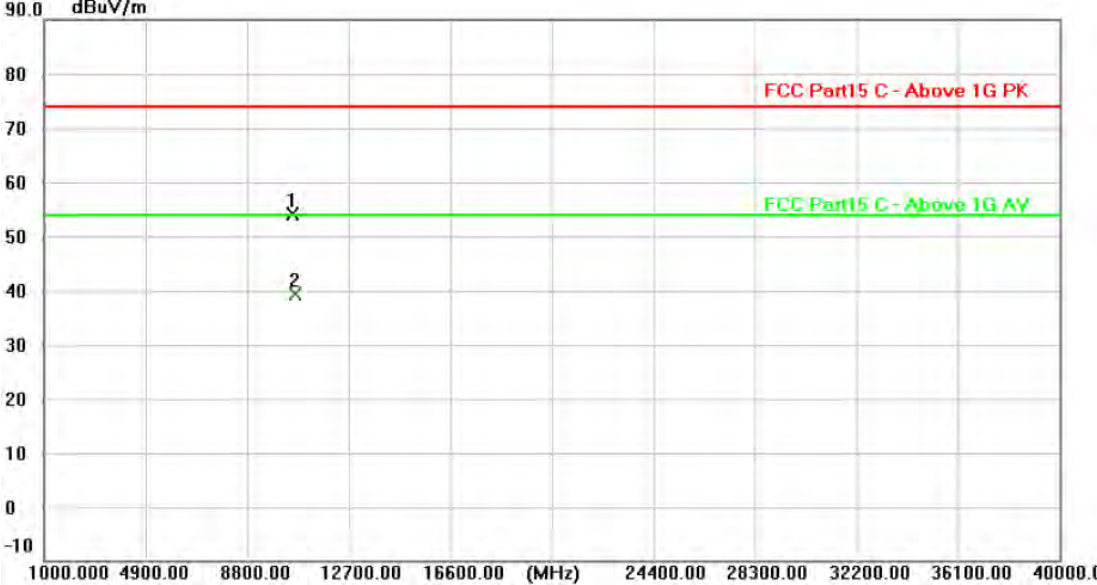
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10539.486	39.67	13.93	53.60	74.00	-20.40	peak
2 *	10540.621	25.25	13.93	39.18	54.00	-14.82	AVG

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



Ant. Pol.:	Horizontal
Test Mode:	TX 802.11n(HT40) Mode 5310MHz (U-NII-2A)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m



1000.000 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.0

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10540.780	40.10	13.93	54.03	74.00	-19.97	peak
2 *	10619.440	25.15	14.11	39.26	54.00	-14.74	AVG

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



Ant. Pol.:	Vertical
Test Mode:	TX 802.11n(HT40) Mode 5310MHz (U-NII-1)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m

80

70

60

50

40

30

20

10

-10

1000.000 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.0

FCC Part15 C - Above 1G PK

FCC Part15 C - Above 1G AV

2

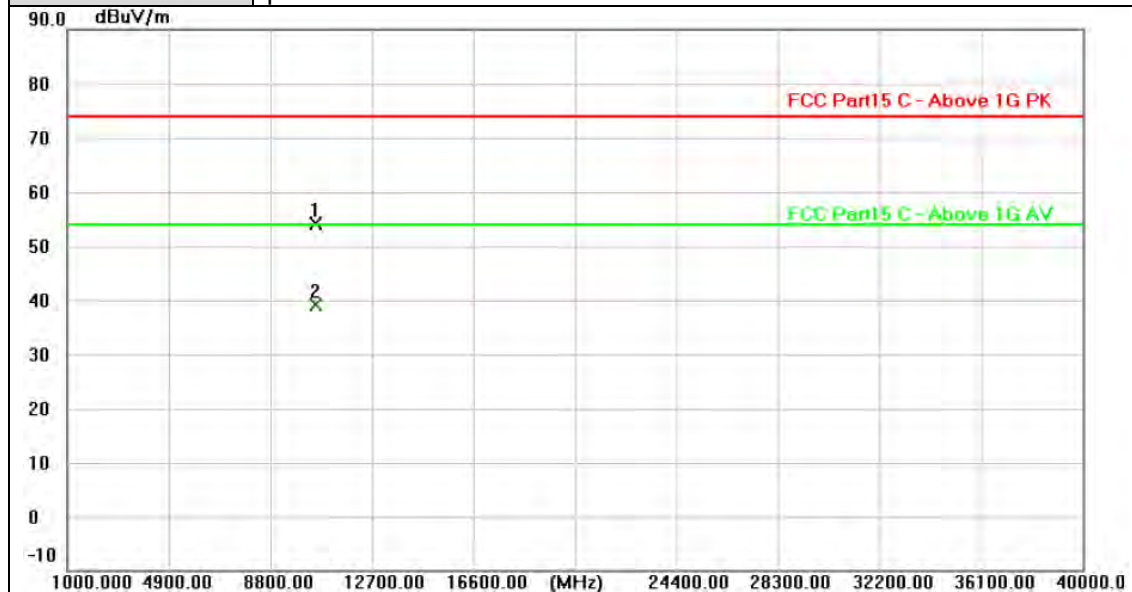
1

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10619.427	25.11	14.11	39.22	54.00	-14.78	AVG
2	10620.111	39.76	14.11	53.87	74.00	-20.13	peak

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



Ant. Pol.:	Horizontal
Test Mode:	TX 802.11ac(VHT40) Mode 5270MHz (U-NII-2A)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.



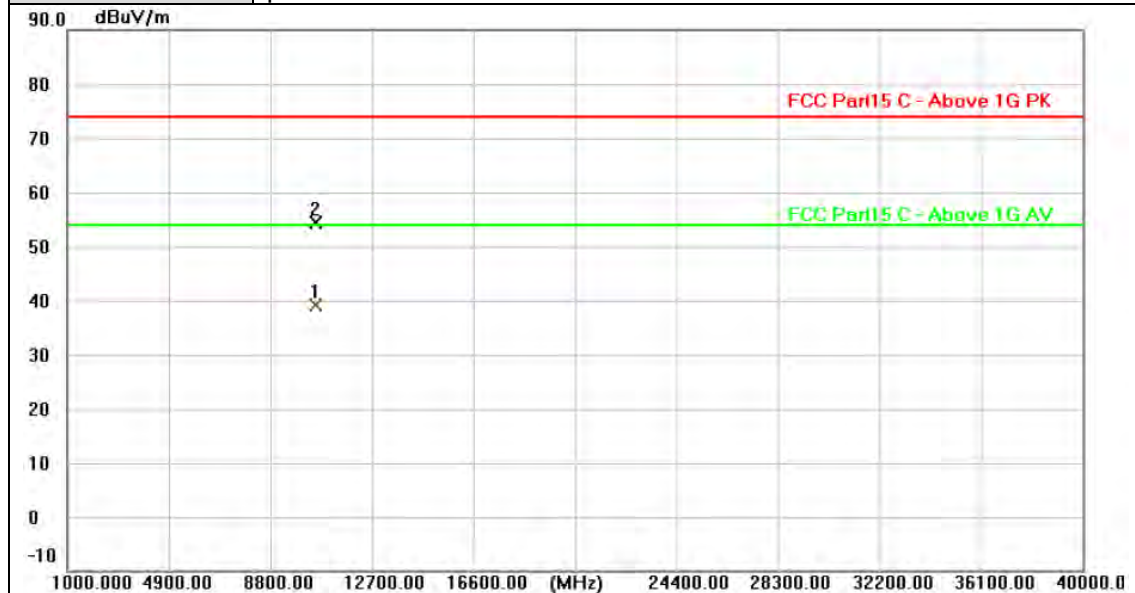
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10539.491	40.09	13.93	54.02	74.00	-19.98	peak
2 *	10540.712	25.09	13.93	39.02	54.00	-14.98	AVG

Remarks:

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



Ant. Pol.:	Vertical
Test Mode:	TX 802.11ac(VHT40) Mode 5270MHz (U-NII-2A)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10539.525	25.08	13.93	39.01	54.00	-14.99	AVG
2	10540.440	40.55	13.93	54.48	74.00	-19.52	peak

Remarks:

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



Ant. Pol.:	Horizontal
Test Mode:	TX 802.11ac(VHT40) Mode 5310MHz (U-NII-2A)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m

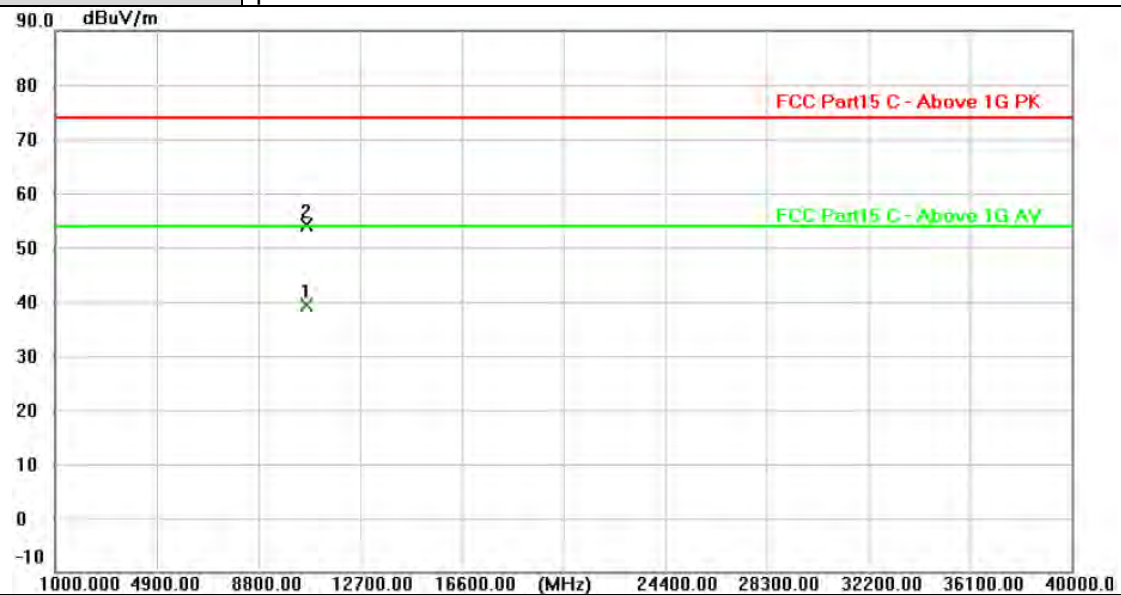
1000.000 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.0

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10620.430	39.65	14.11	53.76	74.00	-20.24	peak
2 *	10620.819	25.01	14.11	39.12	54.00	-14.88	AVG

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



Ant. Pol.:	Vertical
Test Mode:	TX 802.11ac(VHT40) Mode 5310MHz (U-NII-2A)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10619.185	25.36	14.11	39.47	54.00	-14.53	AVG
2	10619.996	39.98	14.11	54.09	74.00	-19.91	peak

Remarks:

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



Ant. Pol.:	Horizontal
Test Mode:	TX 802.11ac(VHT80) Mode 5290MHz (U-NII-2A)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m

1000.000 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.0

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	10580.567	24.92	14.02	38.94	54.00	-15.06	AVG
2	10580.767	39.78	14.02	53.80	74.00	-20.20	peak

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



Ant. Pol.:	Vertical
Test Mode:	TX 802.11ac(VHT80) Mode 5290MHz (U-NII-2A)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m

80

70

60

50

40

30

20

10

0

-10

1000.000 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.0

FCC Part15 C - Above 1G PK

FCC Part15 C - Above 1G AV

1

2

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10579.444	39.07	14.02	53.09	74.00	-20.91	peak
2 *	10580.135	25.28	14.02	39.30	54.00	-14.70	AVG

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



Ant. Pol.:	Horizontal
Test Mode:	TX 802.11a Mode 5500MHz (U-NII-2C)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m

80

70

60

50

40

30

20

10

-10

1000.00 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.00

FCC Part15 C - Above 1G PK

FCC Part15 C - Above 1G AV

2

1

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11000.303	25.53	14.97	40.50	54.00	-13.50	AVG
2	11000.758	39.22	14.97	54.19	74.00	-19.81	peak

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



Ant. Pol.:	Vertical
Test Mode:	TX 802.11a Mode 5500MHz (U-NII-2C)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m

1000.000 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.0

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11000.000	40.59	14.97	55.56	74.00	-18.44	peak
2 *	11000.000	24.26	14.97	39.23	54.00	-14.77	AVG

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



Ant. Pol.:	Horizontal
Test Mode:	TX 802.11a Mode 5580MHz (U-NII-2C)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0dBuV/m



1000.004900.008800.0012700.0016600.00(MHz)24400.0028300.0032200.0036100.0040000.00

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11159.300	25.91	14.98	40.89	54.00	-13.11	AVG
2	11160.718	39.32	14.98	54.30	74.00	-19.70	peak

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



Ant. Pol.:	Vertical
Test Mode:	TX 802.11a Mode 5580MHz (U-NII-2C)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m

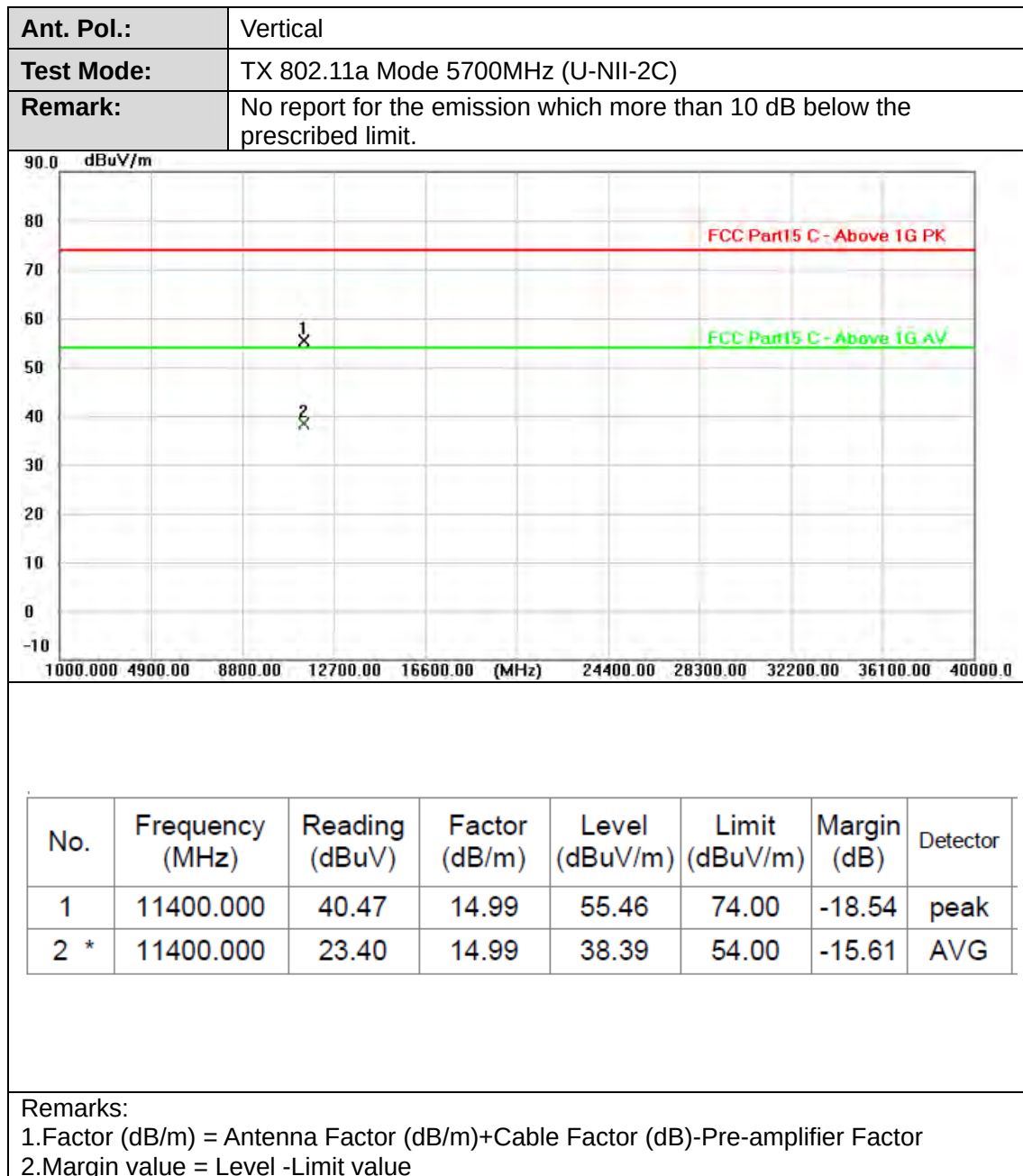
The graph displays the emission level in dBuV/m against frequency in MHz. The y-axis ranges from -10 to 90 dBuV/m, and the x-axis ranges from 1000.000 to 40000.0 MHz. Two horizontal limit lines are shown: a red line for 'FCC Part15 C - Above 1G PK' at 74.00 dBuV/m and a green line for 'FCC Part15 C - Above 1G AV' at 54.00 dBuV/m. Two data points are plotted: point 1 (Peak) at 11160.000 MHz with a reading of 39.56 dBuV, and point 2 (AVG) at 11160.000 MHz with a reading of 24.65 dBuV. Both points are well below the 54.00 dBuV/m limit.

1000.000 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.0

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11160.000	39.56	14.98	54.54	74.00	-19.46	peak
2 *	11160.000	24.65	14.98	39.63	54.00	-14.37	AVG

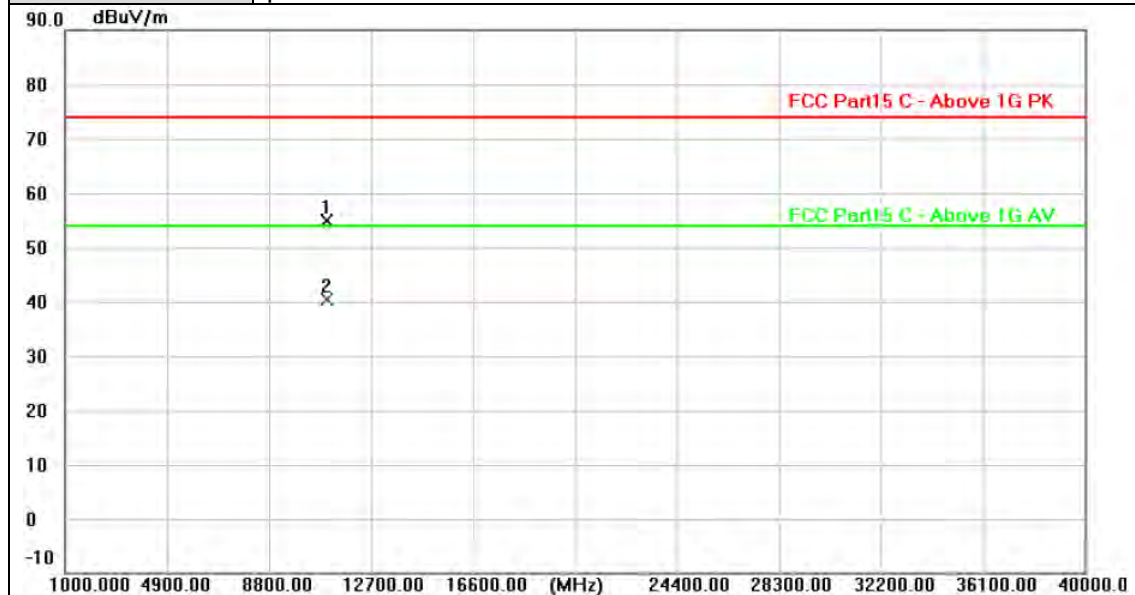
Remarks:
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
2.Margin value = Level -Limit value







Ant. Pol.:	Horizontal
Test Mode:	TX 802.11n(HT20) Mode 5500MHz (U-NII-2C)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10999.704	39.91	14.97	54.88	74.00	-19.12	peak
2 *	11000.453	25.41	14.97	40.38	54.00	-13.62	AVG

Remarks:

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



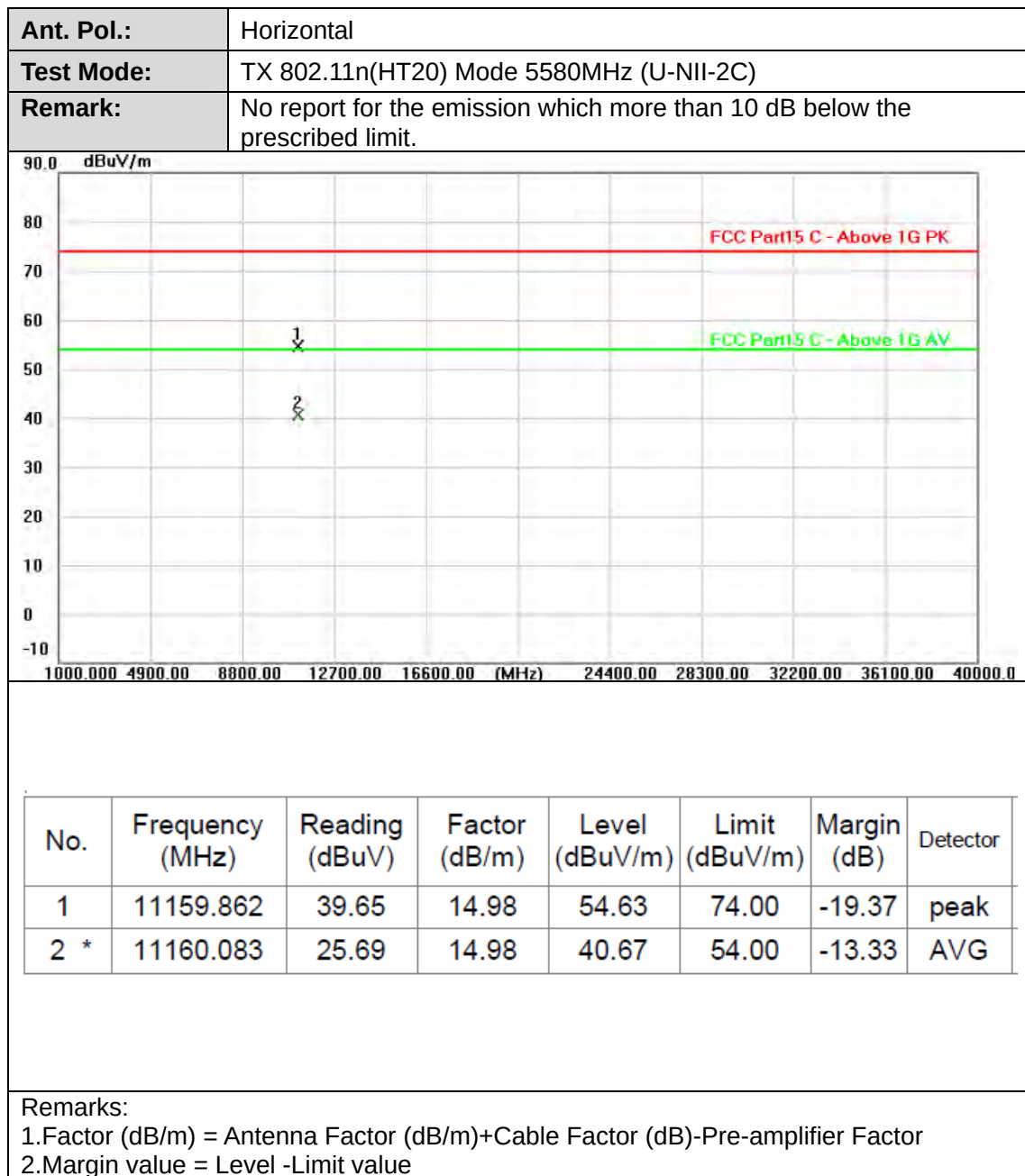
Ant. Pol.:	Vertical
Test Mode:	TX 802.11n(HT20) Mode 5500MHz (U-NII-2C)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m

1000.000 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.0

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11000.000	40.28	14.97	55.25	74.00	-18.75	peak
2 *	11000.000	24.65	14.97	39.62	54.00	-14.38	AVG

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





Ant. Pol.:	Vertical
Test Mode:	TX 802.11n(HT20) Mode 5580MHz (U-NII-2C)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m

80

70

60

50

40

30

20

10

0

-10

1000.000 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.0

FCC Part15 C - Above 1G PK

FCC Part15 C - Above 1G AV

1

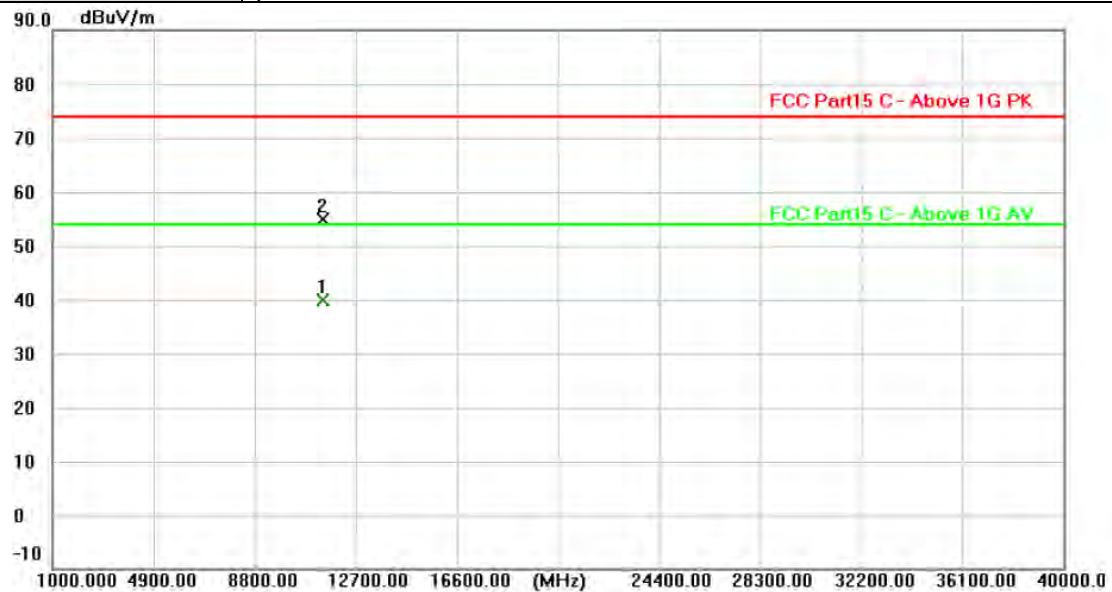
2

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11160.000	39.99	14.98	54.97	74.00	-19.03	peak
2 *	11160.000	24.78	14.98	39.76	54.00	-14.24	AVG

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



Ant. Pol.:	Horizontal
Test Mode:	TX 802.11n(HT20) Mode 5700MHz (U-NII-2C)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.



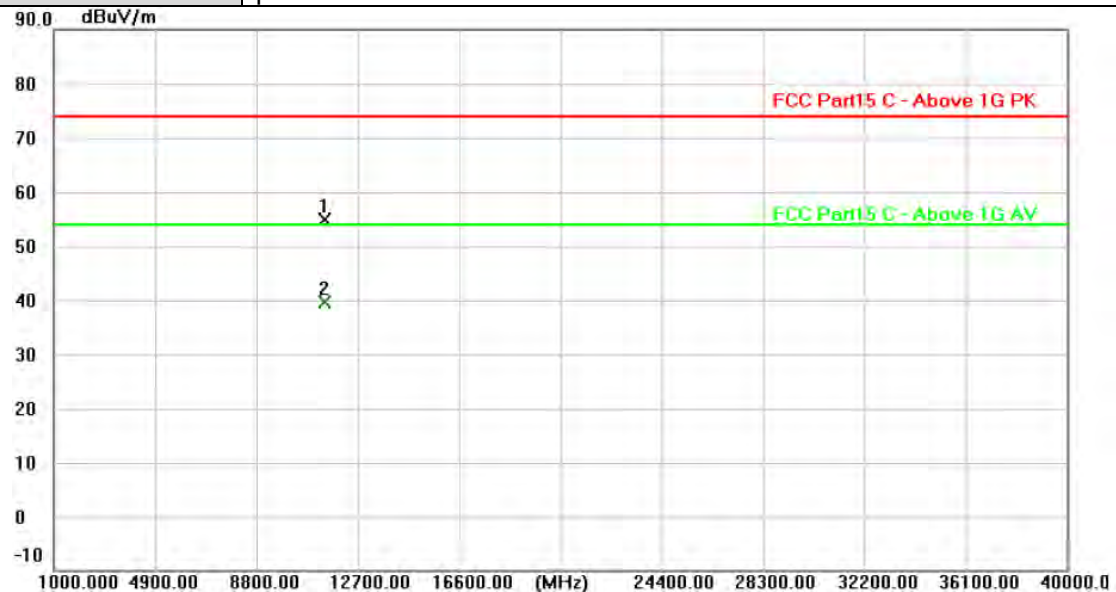
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11399.745	24.88	14.99	39.87	54.00	-14.13	AVG
2	11400.404	39.78	14.99	54.77	74.00	-19.23	peak

Remarks:

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



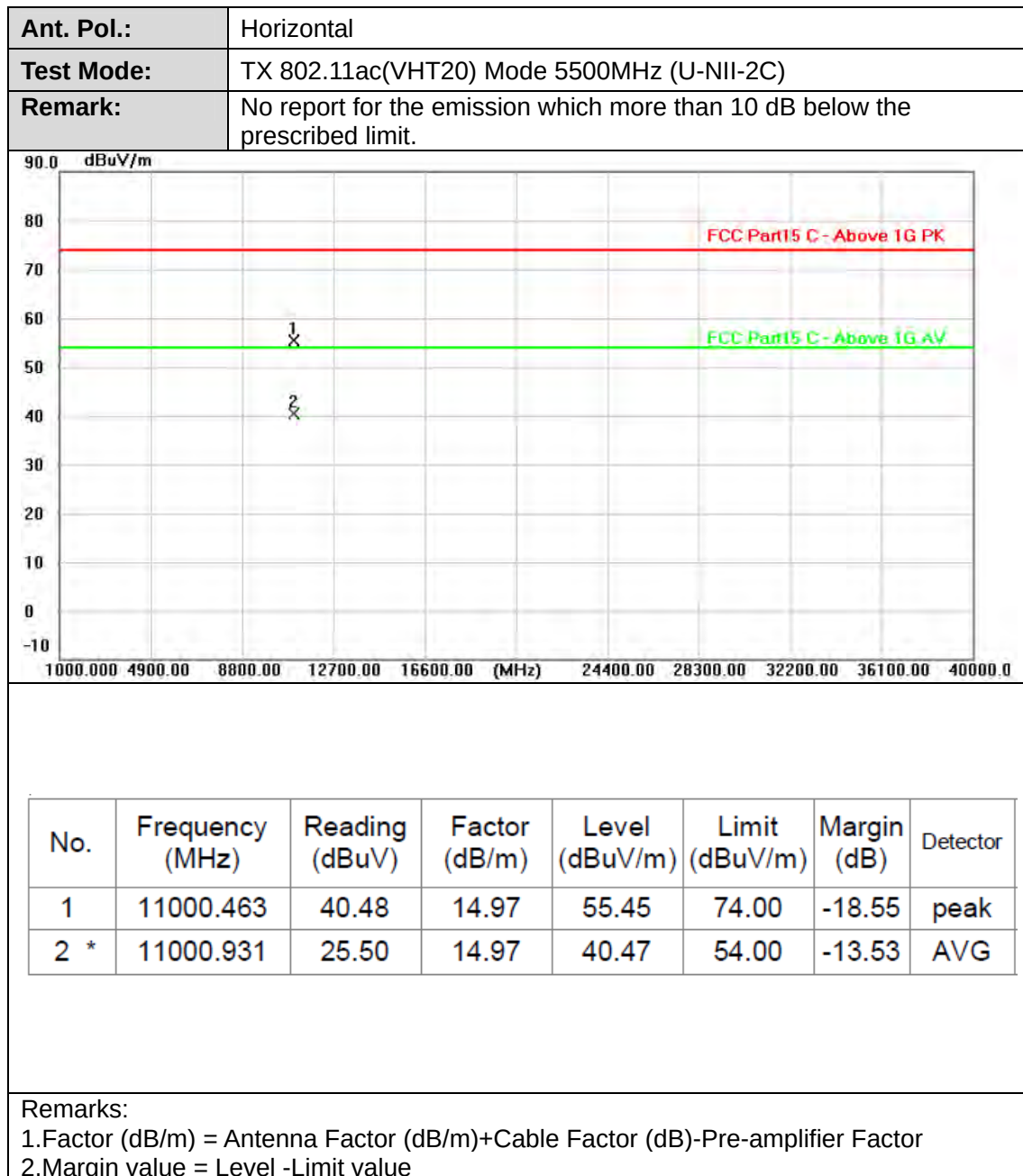
Ant. Pol.:	Vertical
Test Mode:	TX 802.11n(HT20) Mode 5700MHz (U-NII-2C)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11399.373	39.83	14.99	54.82	74.00	-19.18	peak
2 *	11400.935	24.73	14.99	39.72	54.00	-14.28	AVG

Remarks:

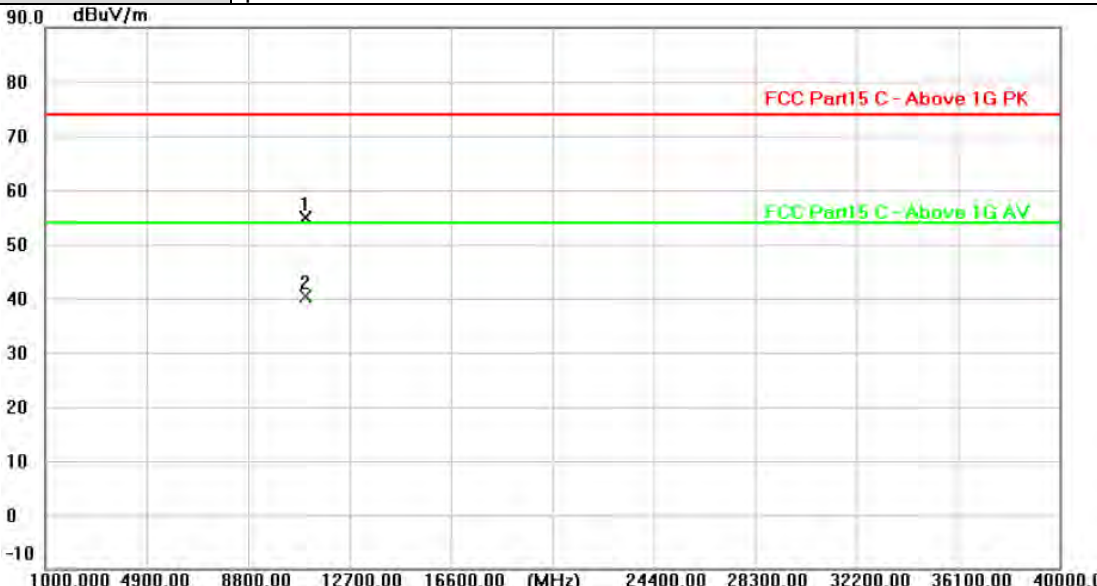
- Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor
- Margin value = Level -Limit value





Ant. Pol.:	Vertical
Test Mode:	TX 802.11ac(VHT20) Mode 5500MHz (U-NII-2C)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m



1000.000 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.0

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	10999.605	39.90	14.97	54.87	74.00	-19.13	peak
2 *	10999.905	25.51	14.97	40.48	54.00	-13.52	AVG

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



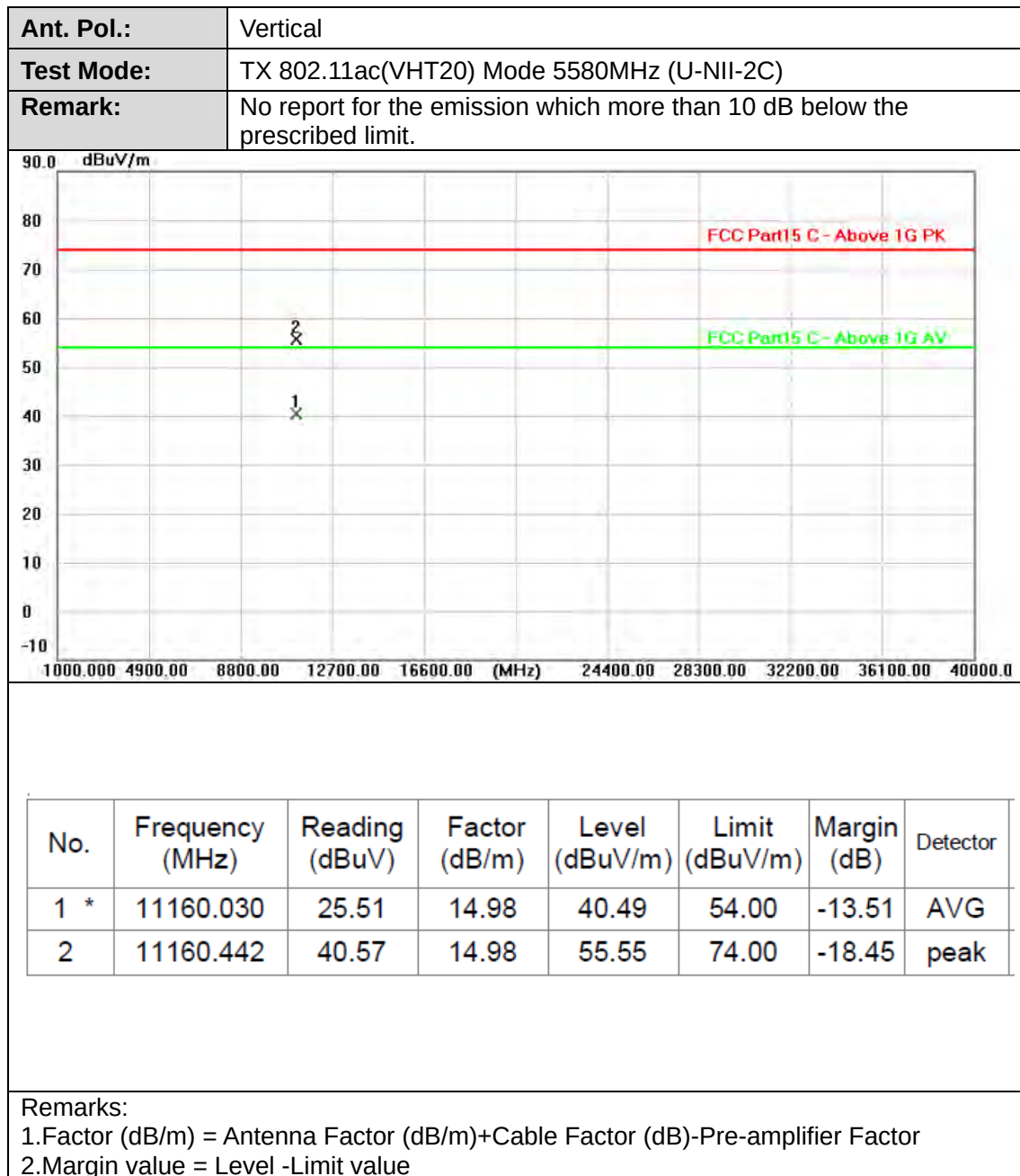
Ant. Pol.:	Horizontal
Test Mode:	TX 802.11ac(VHT20) Mode 5580MHz (U-NII-2C)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m

1000.000 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.00

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11159.554	25.76	14.98	40.74	54.00	-13.26	AVG
2	11160.517	40.88	14.98	55.86	74.00	-18.14	peak

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





Ant. Pol.:	Horizontal
Test Mode:	TX 802.11ac(VHT20) Mode 5700MHz (U-NII-2C)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m

1000.000 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.0

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11399.737	38.85	14.99	53.84	74.00	-20.16	peak
2 *	11400.497	24.76	14.99	39.75	54.00	-14.25	AVG

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



Ant. Pol.:	Vertical
Test Mode:	TX 802.11ac(VHT20) Mode 5700MHz (U-NII-2C)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m

80

70

60

50

40

30

20

10

-10

1000.00 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.00

FCC Part15 C - Above 1G PK

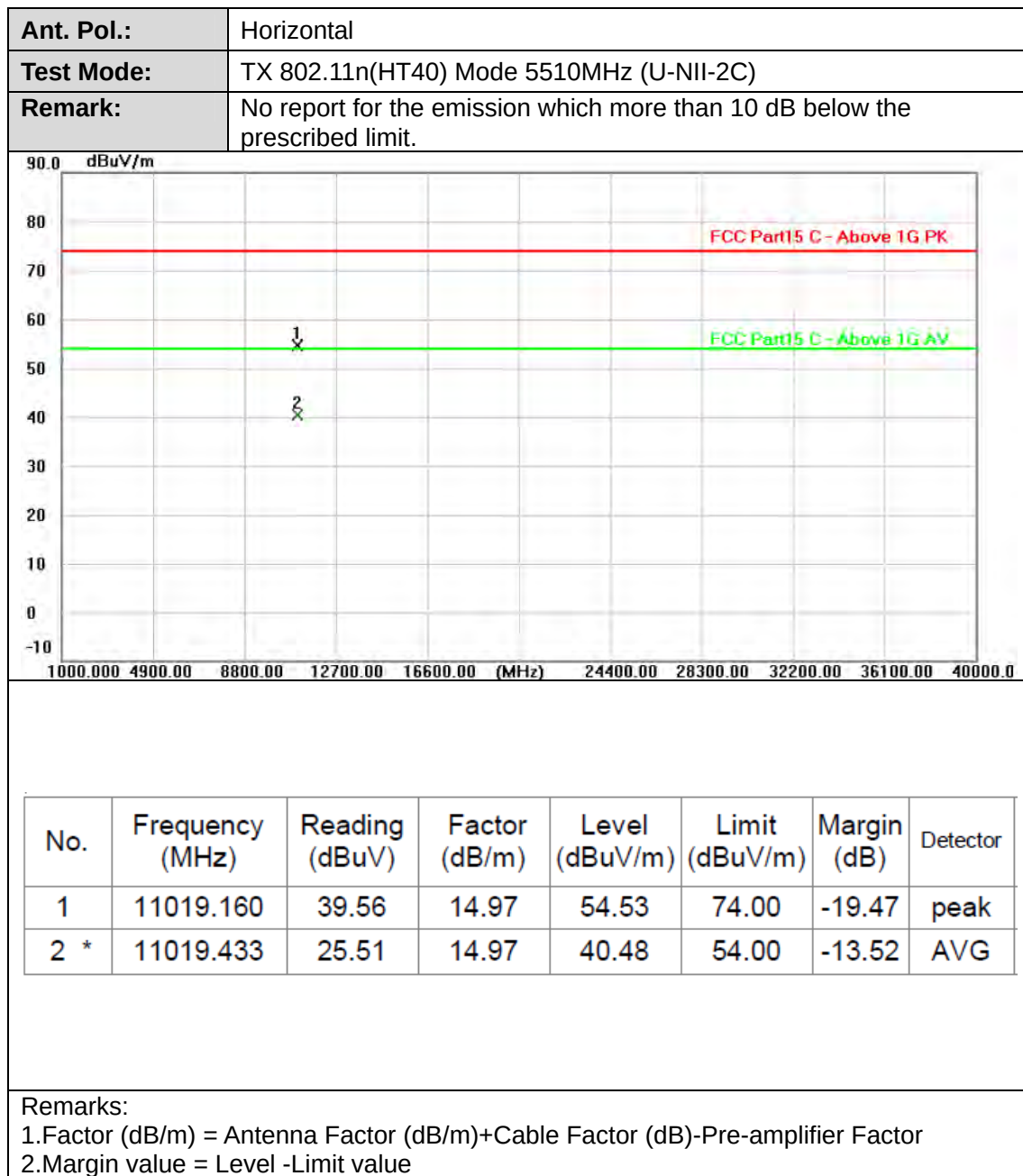
FCC Part15 C - Above 1G AV

2

1

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11400.369	24.74	14.99	39.73	54.00	-14.27	AVG
2	11400.727	39.42	14.99	54.41	74.00	-19.59	peak

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





Ant. Pol.:	Vertical
Test Mode:	TX 802.11n(HT40) Mode 5510MHz (U-NII-2C)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m

11020.135 38.90

11020.745 25.38

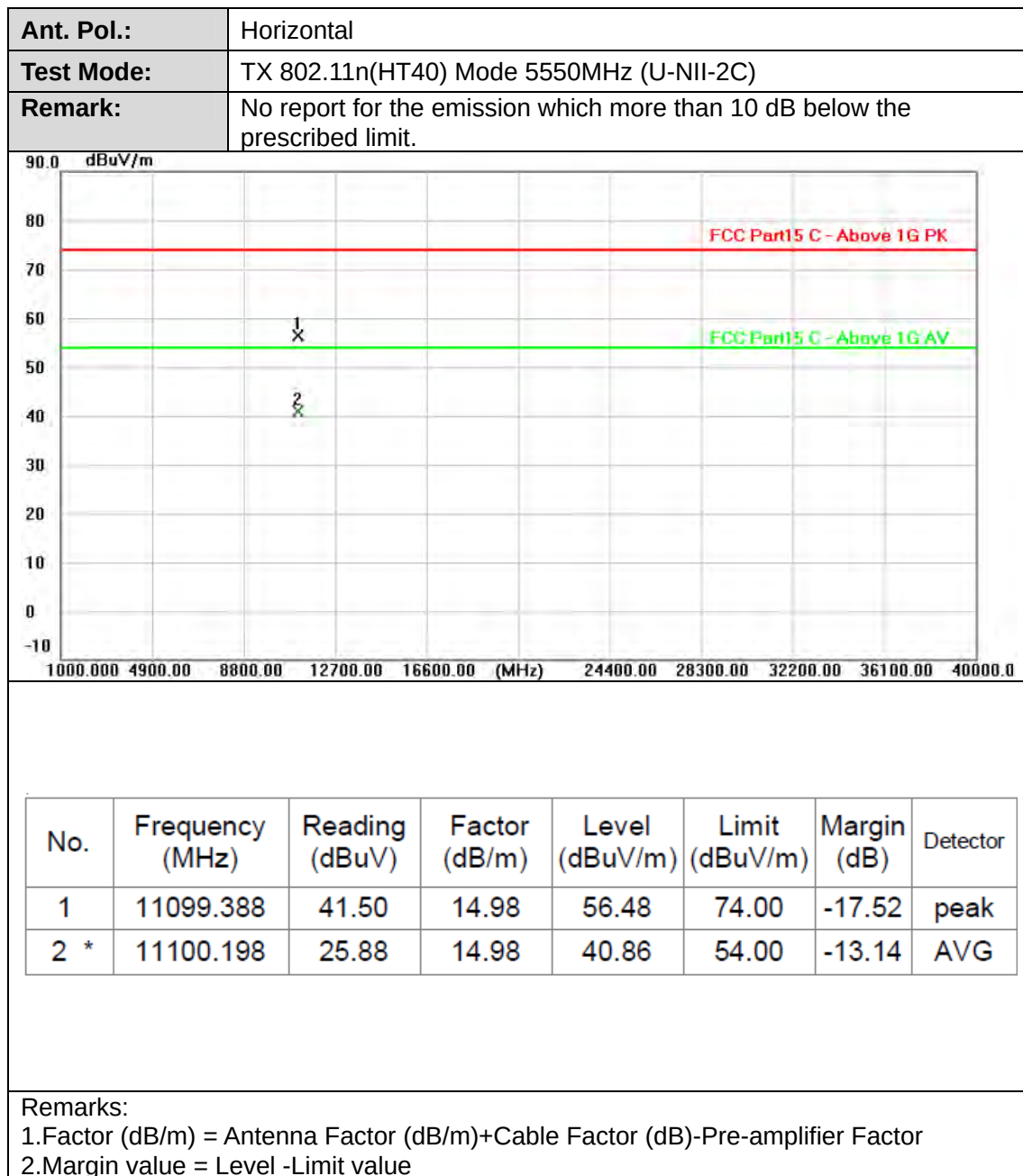
FCC Part15 C - Above 1G PK

FCC Part15 C - Above 1G AV

1000.00 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.00

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11020.135	38.90	14.97	53.87	74.00	-20.13	peak
2 *	11020.745	25.38	14.97	40.35	54.00	-13.65	AVG

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





Ant. Pol.:	Vertical
Test Mode:	TX 802.11n(HT40) Mode 5550MHz (U-NII-2C)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m

1000.000 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.0

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11100.012	40.19	14.98	55.17	74.00	-18.83	peak
2 *	11100.568	25.35	14.98	40.33	54.00	-13.67	AVG

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



Ant. Pol.:	Horizontal
Test Mode:	TX 802.11n(HT40) Mode 5670MHz (U-NII-2C)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m

1000.00 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.00

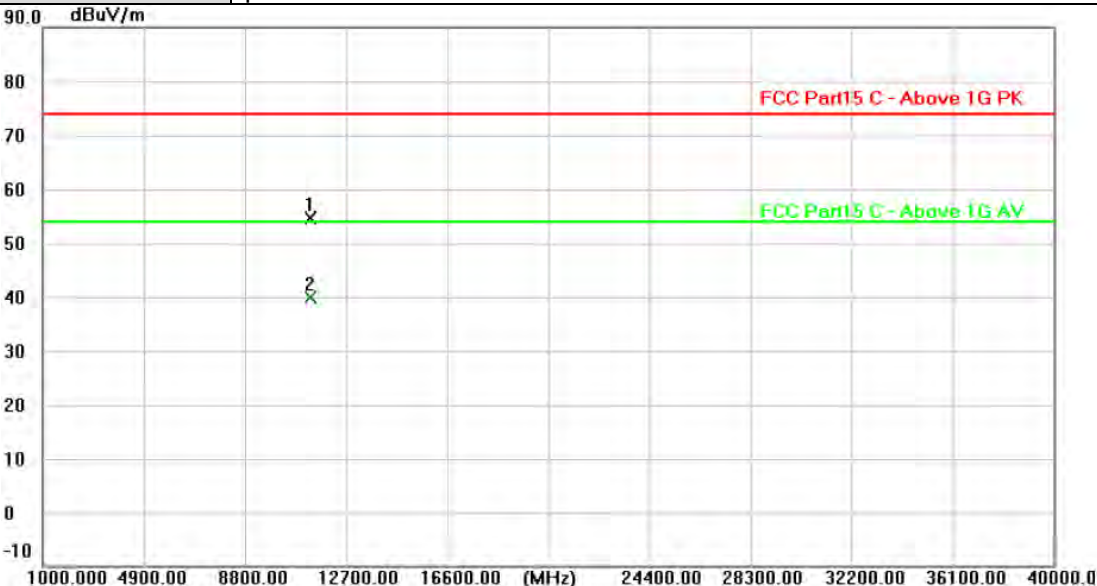
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11339.110	25.01	14.99	40.00	54.00	-14.00	AVG
2	11340.830	39.61	14.99	54.60	74.00	-19.40	peak

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



Ant. Pol.:	Vertical
Test Mode:	TX 802.11n(HT40) Mode 5670MHz (U-NII-2C)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m



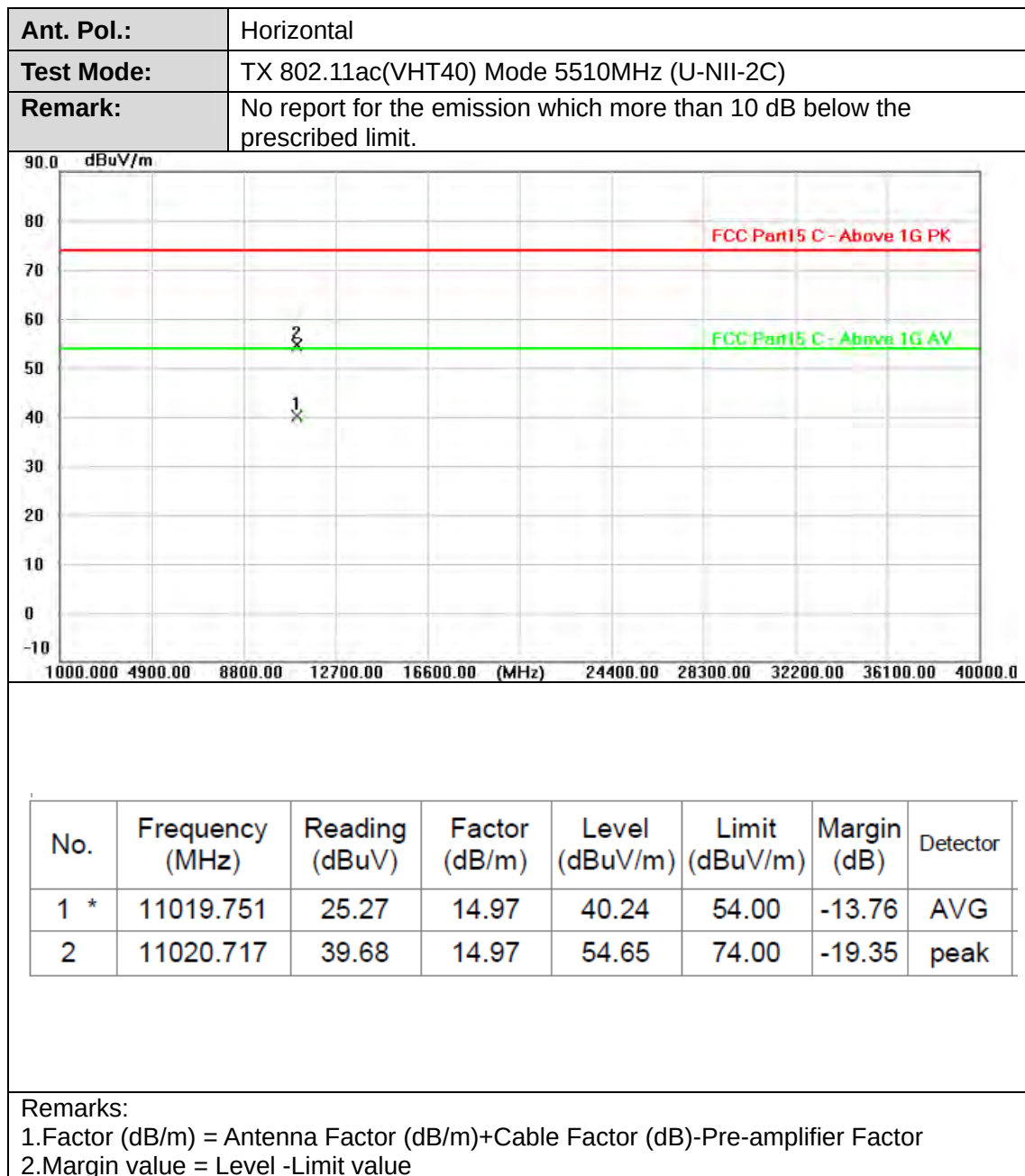
1000.000 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.0

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11339.081	39.74	14.99	54.73	74.00	-19.27	peak
2 *	11339.712	24.84	14.99	39.83	54.00	-14.17	AVG

Remarks:

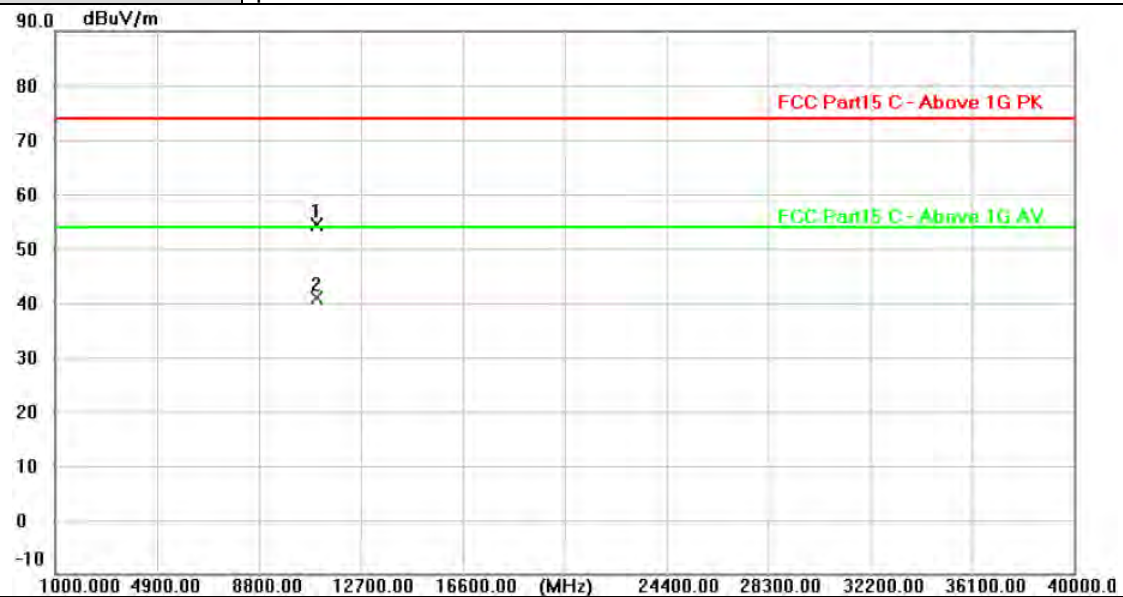
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor

2.Margin value = Level -Limit value





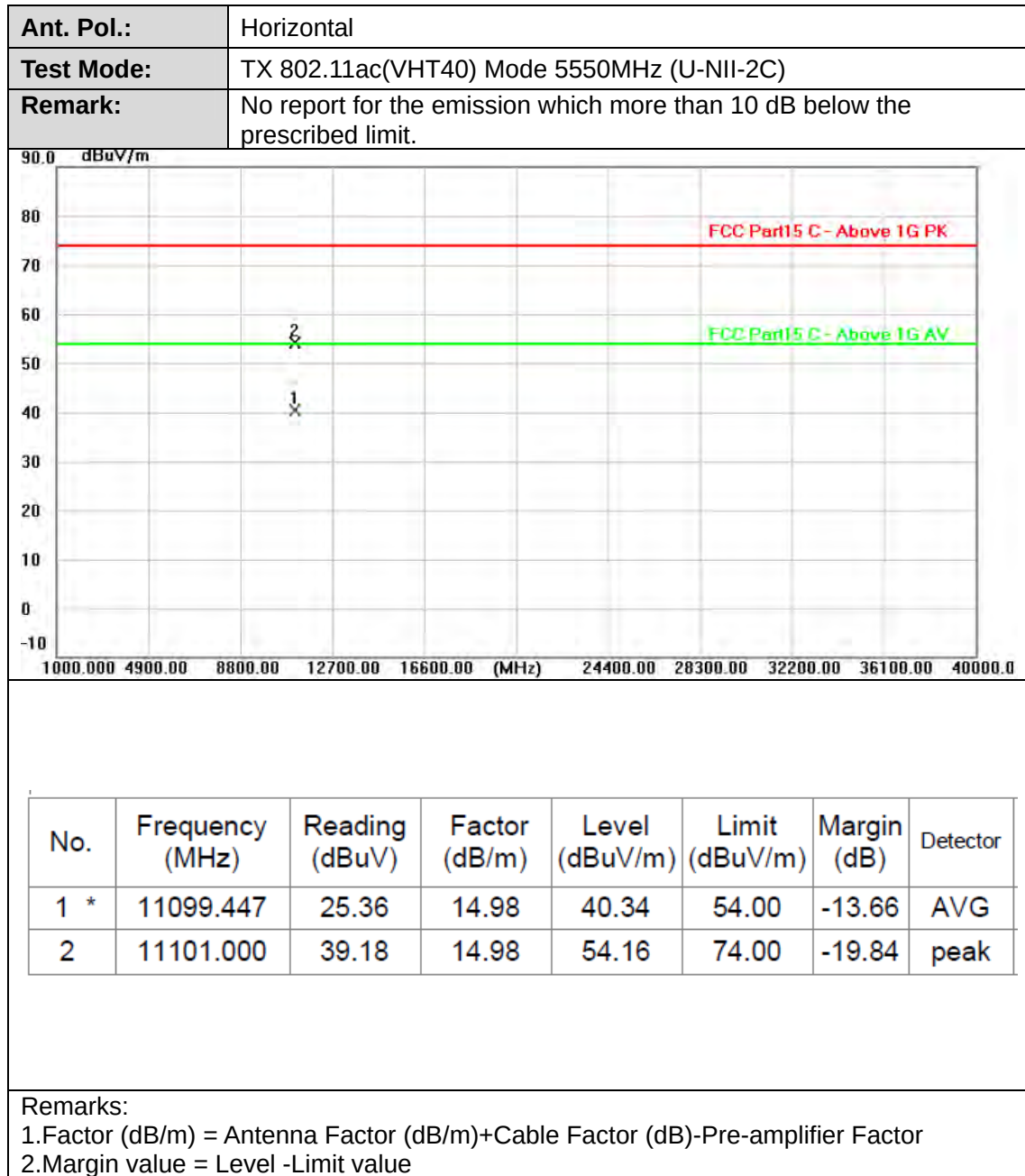
Ant. Pol.:	Vertical
Test Mode:	TX 802.11ac(VHT40) Mode 5510MHz (U-NII-2C)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11019.969	39.45	14.97	54.42	74.00	-19.58	peak
2 *	11020.533	25.88	14.97	40.85	54.00	-13.15	AVG

Remarks:

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





Ant. Pol.:	Vertical
Test Mode:	TX 802.11ac(VHT40) Mode 5550MHz (U-NII-2C)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m

1000.000 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.0

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11099.043	40.18	14.98	55.16	74.00	-18.84	peak
2 *	11100.149	25.07	14.98	40.05	54.00	-13.95	AVG

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



Ant. Pol.:	Horizontal
Test Mode:	TX 802.11ac(VHT40) Mode 5670MHz (U-NII-2C)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m

80

70

60

50

40

30

20

10

-10

1000.000 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.0

FCC Part15 C - Above 1G PK

FCC Part15 C - Above 1G AV

2

1

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11339.841	25.03	14.99	40.02	54.00	-13.98	AVG
2	11340.559	39.78	14.99	54.77	74.00	-19.23	peak

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



Ant. Pol.:	Vertical
Test Mode:	TX 802.11ac(VHT40) Mode 5670MHz (U-NII-2C)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m

80

70

60

50

40

30

20

10

0

-10

1000.000 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.0

FCC Part15 C - Above 1G PK

FCC Part15 C - Above 1G AV

2

1

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11339.578	25.33	14.99	40.32	54.00	-13.68	AVG
2	11340.597	39.56	14.99	54.55	74.00	-19.45	peak

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



Ant. Pol.:	Horizontal
Test Mode:	TX 802.11ac(VHT80) Mode 5530MHz (U-NII-2C)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m

80

70

60

50

40

30

20

10

0

-10

1000.000 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.0

FCC Part15 C - Above 1G PK

FCC Part15 C - Above 1G AV

2

1

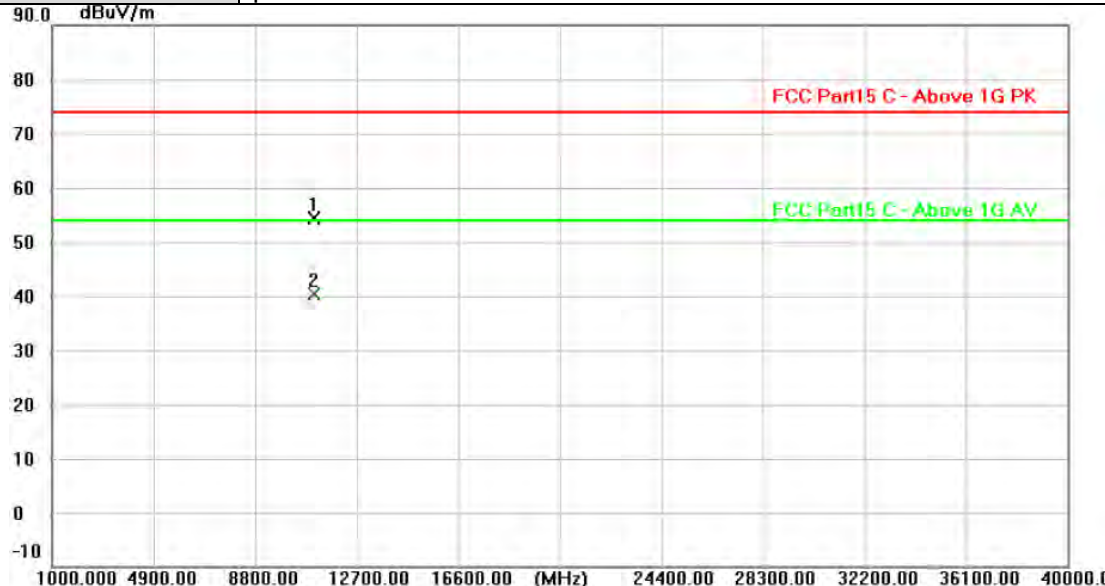
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11059.801	25.40	14.98	40.38	54.00	-13.62	AVG
2	11060.764	39.44	14.98	54.42	74.00	-19.58	peak

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



Ant. Pol.:	Vertical
Test Mode:	TX 802.11ac(VHT80) Mode 5530MHz (U-NII-2C)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m



1000.000 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.0

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11060.100	39.50	14.98	54.48	74.00	-19.52	peak
2 *	11060.560	25.28	14.98	40.26	54.00	-13.74	AVG

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



Ant. Pol.:	Horizontal
Test Mode:	TX 802.11ac(VHT80) Mode 5610MHz (U-NII-2C)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m

80

70

60

50

40

30

20

10

0

-10

1000.000 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.0

FCC Part15 C - Above 1G PK

FCC Part15 C - Above 1G AV

2

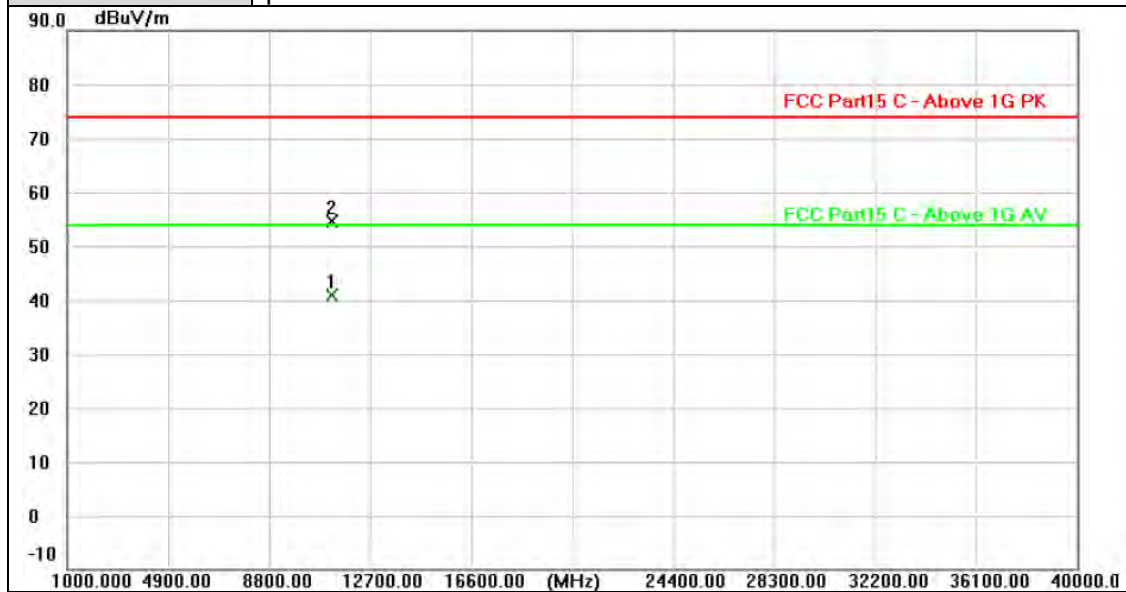
1

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11219.789	25.73	14.98	40.71	54.00	-13.29	AVG
2	11220.688	39.62	14.98	54.60	74.00	-19.40	peak

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



Ant. Pol.:	Vertical
Test Mode:	TX 802.11ac(VHT80) Mode 5610MHz (U-NII-2C)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11219.043	26.00	14.98	40.98	54.00	-13.02	AVG
2	11220.155	39.65	14.98	54.63	74.00	-19.37	peak

Remarks:

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



Ant. Pol.:	Horizontal
Test Mode:	TX 802.11a Mode 5745MHz (U-NII-3)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m

1000.000 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.0

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11490.453	24.94	15.01	39.95	54.00	-14.05	AVG
2	11490.982	39.63	15.01	54.64	74.00	-19.36	peak

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



Ant. Pol.:	Vertical
Test Mode:	TX 802.11a Mode 5745MHz (U-NII-3)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m

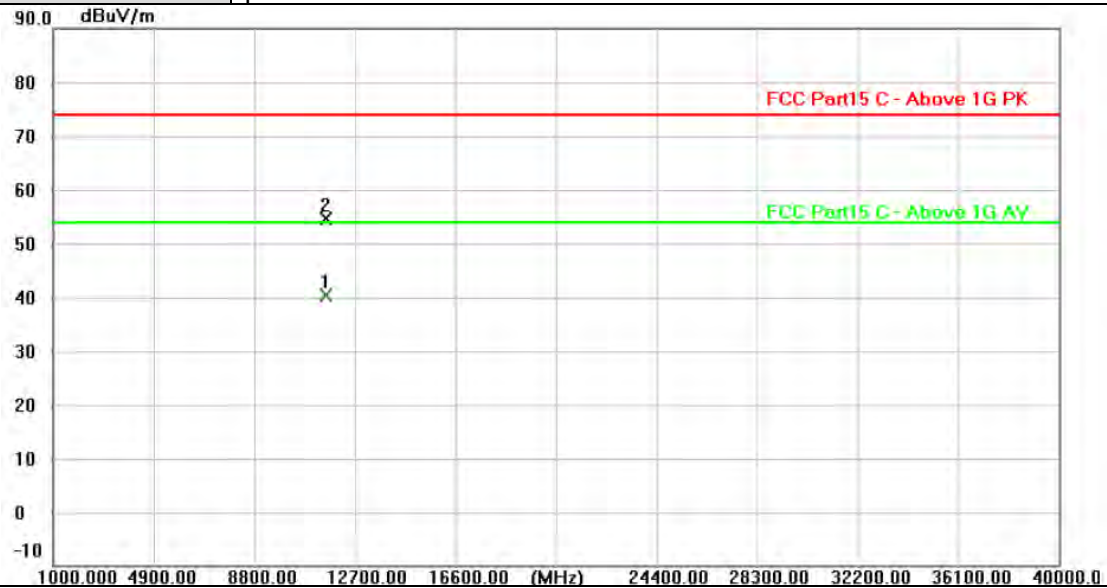
1000.000 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.0

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11490.000	39.00	15.00	54.00	74.00	-20.00	peak
2 *	11490.000	24.05	15.00	39.05	54.00	-14.95	AVG

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



Ant. Pol.:	Horizontal
Test Mode:	TX 802.11a Mode 5785MHz (U-NII-3)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11569.459	25.43	15.06	40.49	54.00	-13.51	AVG
2	11570.463	39.44	15.07	54.51	74.00	-19.49	peak

Remarks:

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



Ant. Pol.:	Vertical
Test Mode:	TX 802.11a Mode 5785MHz (U-NII-3)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m

80

70

60

50

40

30

20

10

0

-10

1000.00 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.00

FCC Part15 C - Above 1G PK

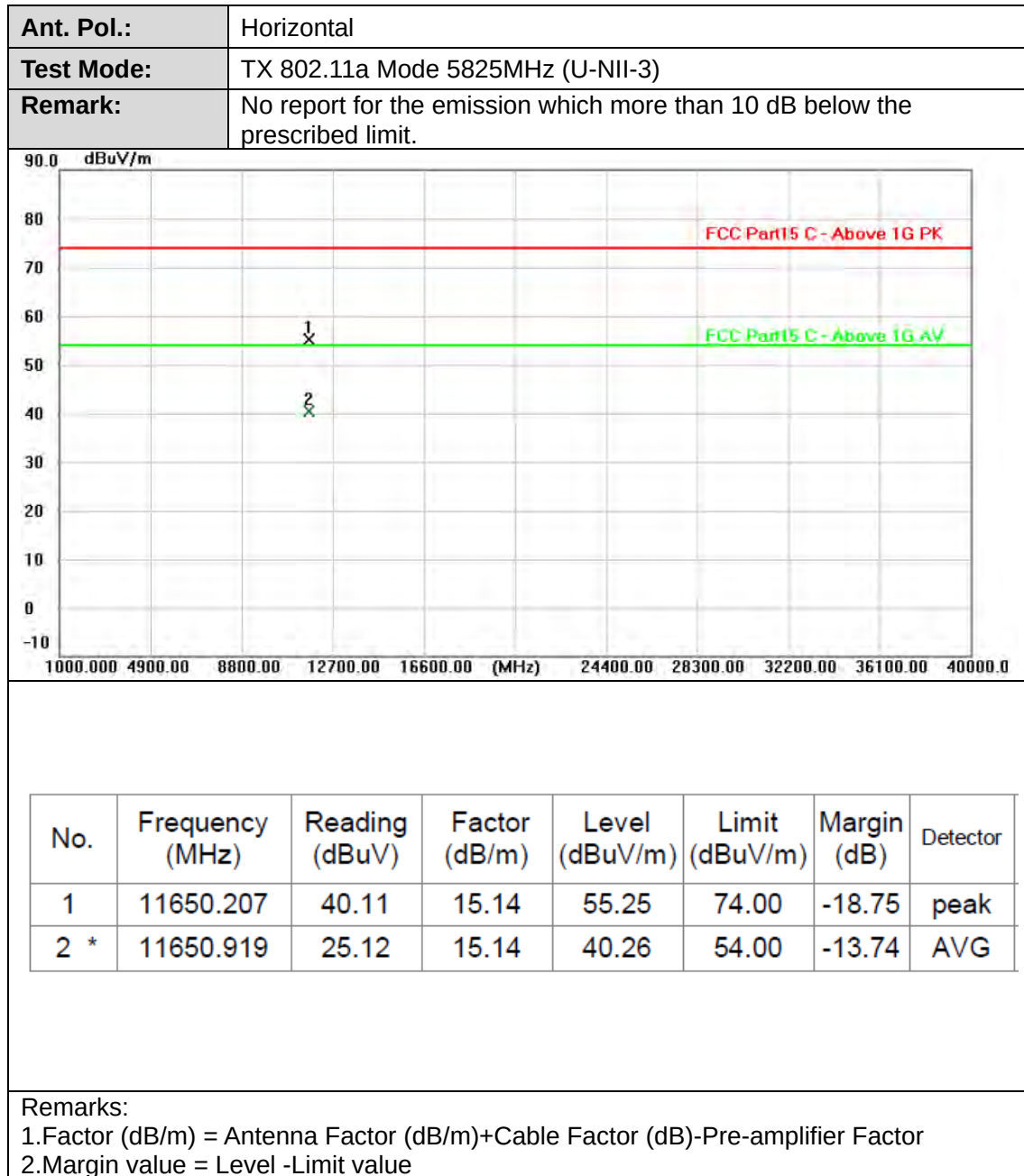
FCC Part15 C - Above 1G AV

1 x

2 x

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11570.000	39.80	15.06	54.86	74.00	-19.14	peak
2 *	11570.000	24.55	15.06	39.61	54.00	-14.39	AVG

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





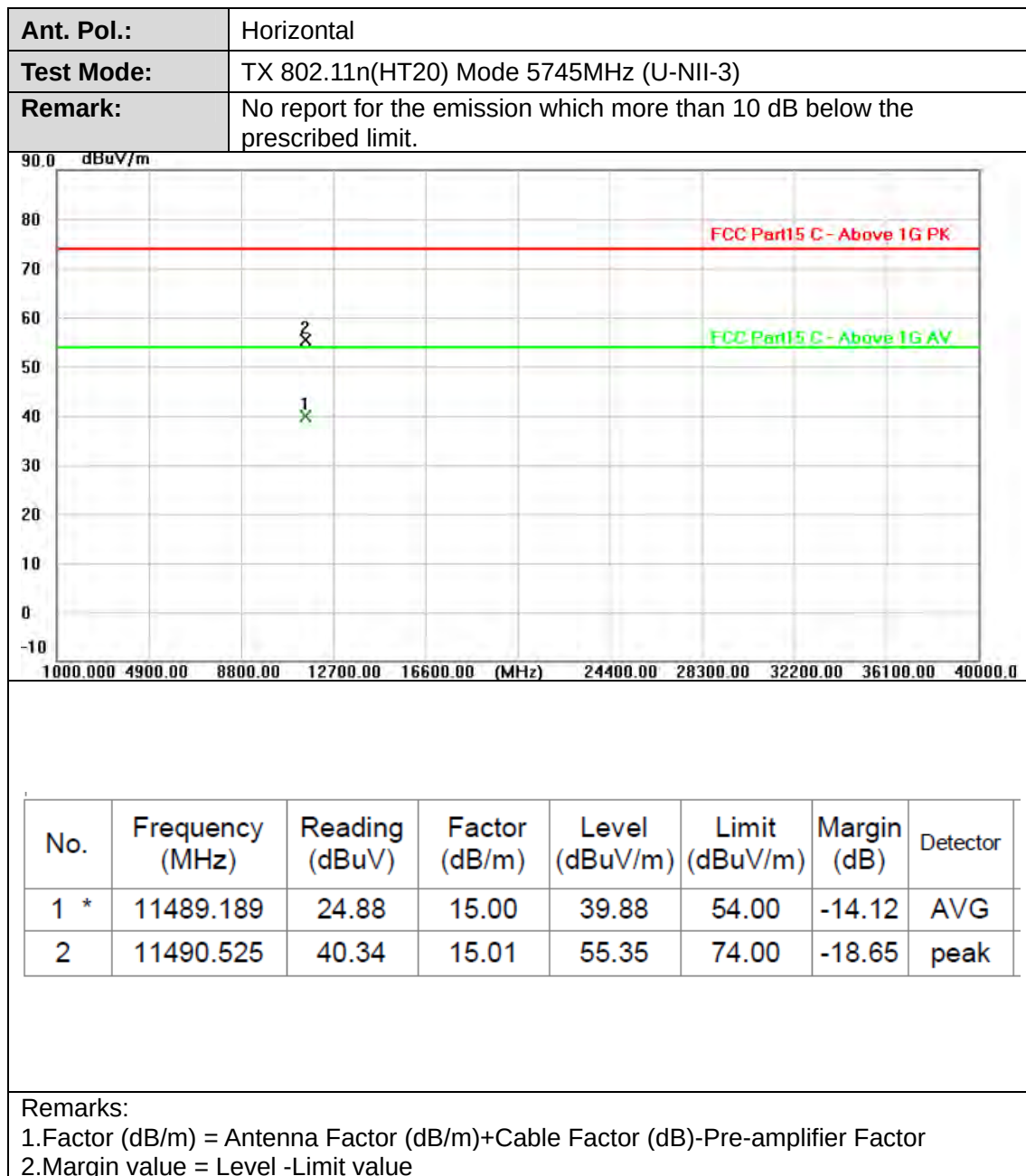
Ant. Pol.:	Vertical
Test Mode:	TX 802.11a Mode 5825MHz (U-NII-3)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m

1000.00 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.0

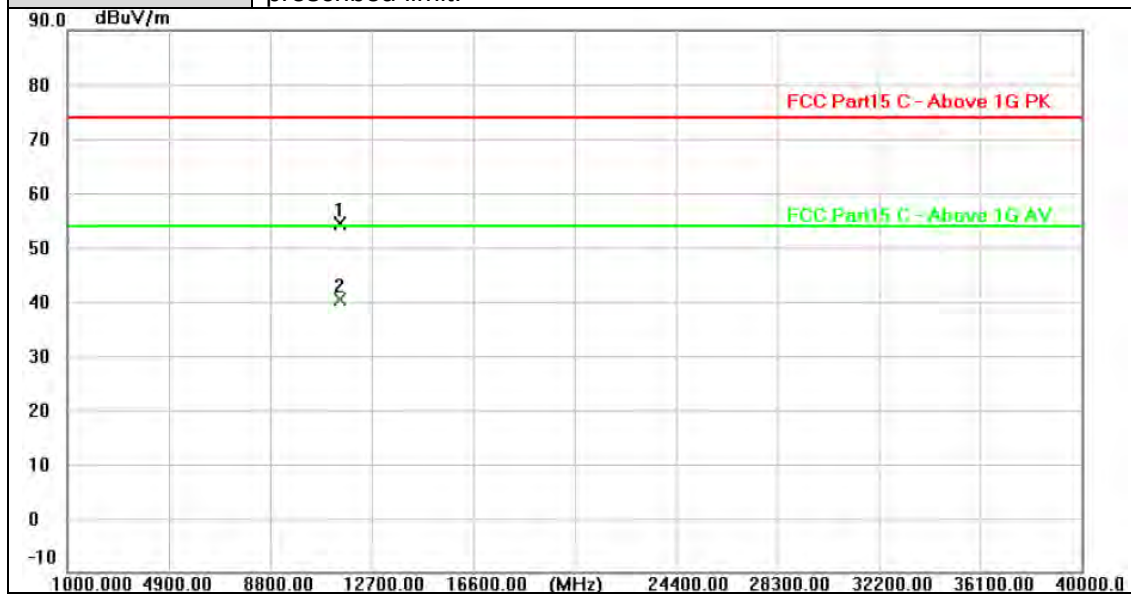
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11650.000	39.55	15.13	54.68	74.00	-19.32	peak
2 *	11650.000	24.29	15.13	39.42	54.00	-14.58	AVG

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





Ant. Pol.:	Vertical
Test Mode:	TX 802.11n(HT20) Mode 5745MHz (U-NII-3)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11489.293	39.37	15.00	54.37	74.00	-19.63	peak
2 *	11490.845	25.40	15.01	40.41	54.00	-13.59	AVG

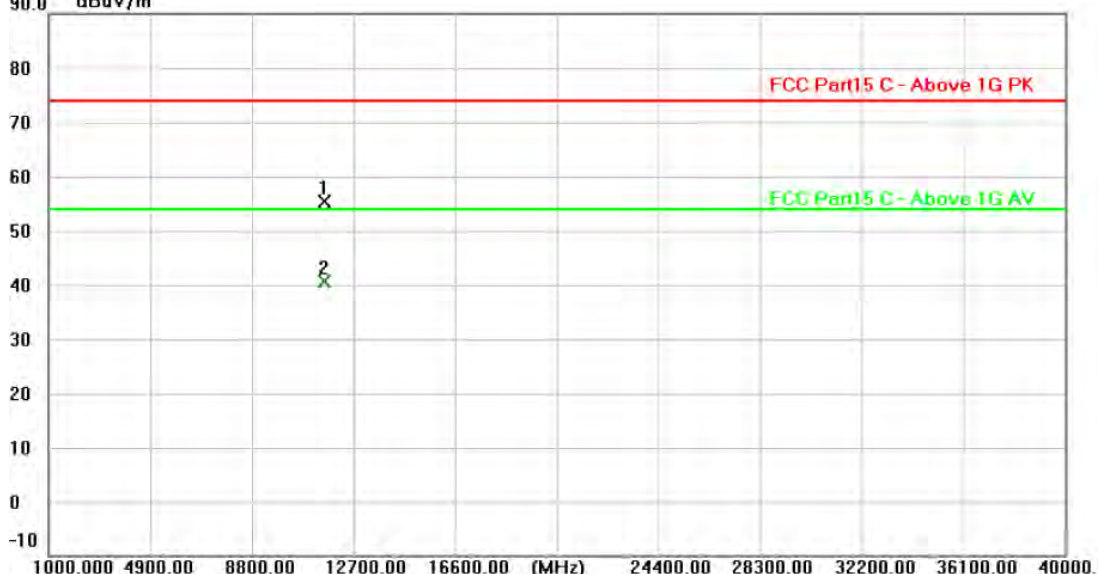
Remarks:

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



Ant. Pol.:	Horizontal
Test Mode:	TX 802.11n(HT20) Mode 5785MHz (U-NII-3)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m



1000.00 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.0

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11569.829	40.40	15.06	55.46	74.00	-18.54	peak
2 *	11570.555	25.50	15.07	40.57	54.00	-13.43	AVG

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



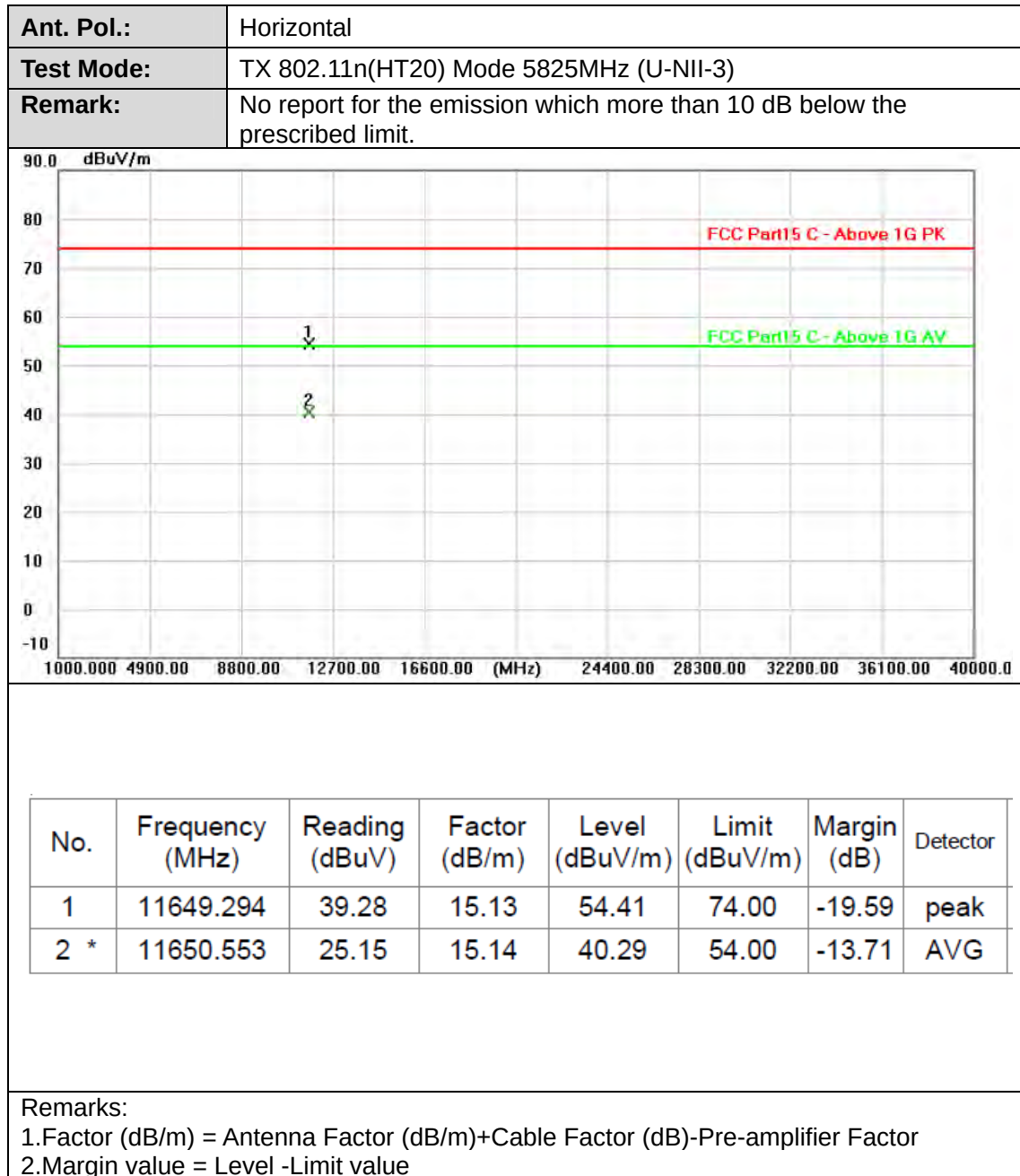
Ant. Pol.:	Vertical
Test Mode:	TX 802.11n(HT20) Mode 5785MHz (U-NII-3)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m

1000.000 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.0

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11570.186	25.24	15.07	40.31	54.00	-13.69	AVG
2	11570.690	40.48	15.07	55.55	74.00	-18.45	peak

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





Ant. Pol.:	Vertical
Test Mode:	TX 802.11n(HT20) Mode 5825MHz (U-NII-3)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m

80

70

60

50

40

30

20

10

-10

1000.00 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.00

FCC Part15 C - Above 1G PK

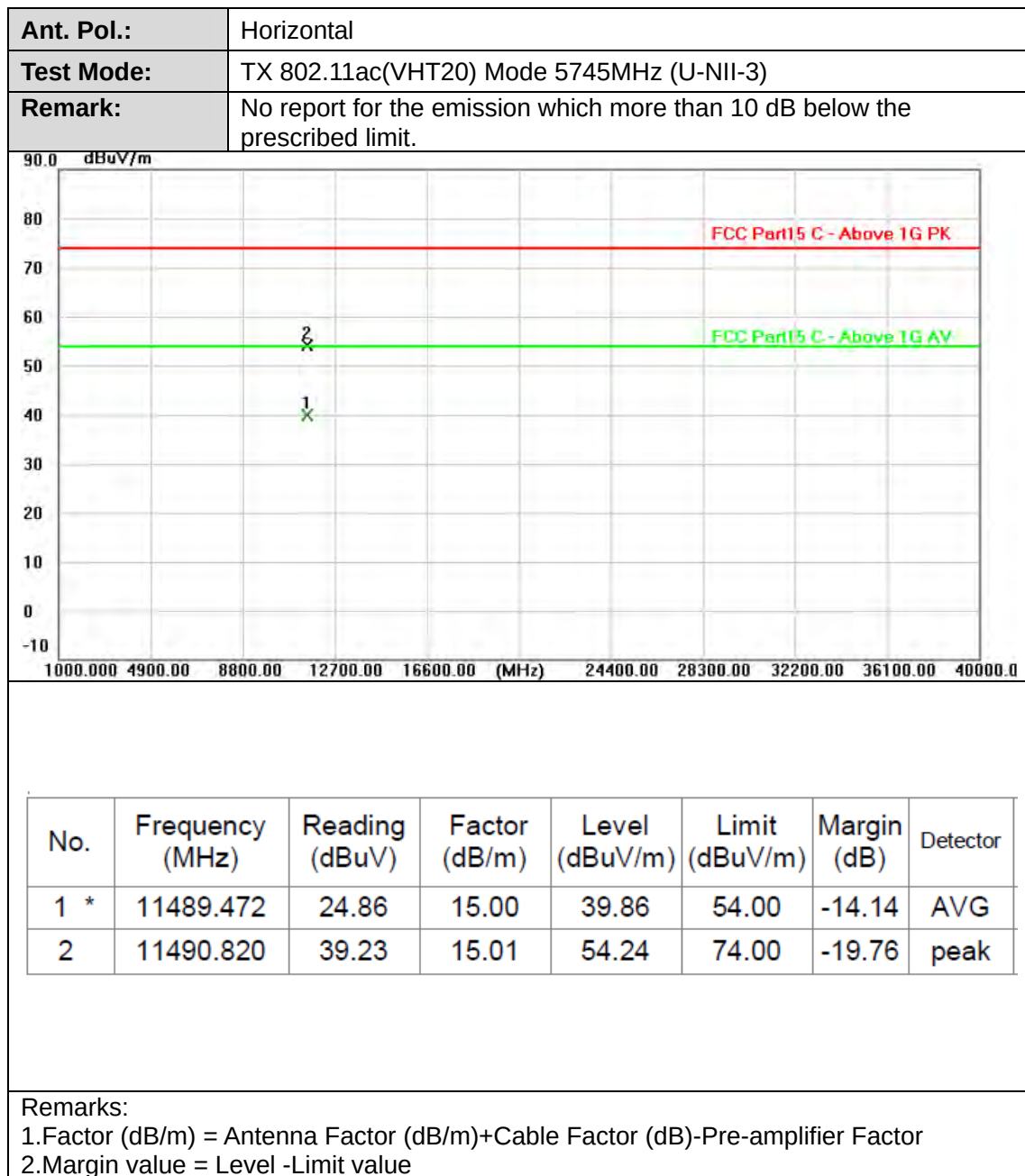
FCC Part15 C - Above 1G AV

2

1

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11649.072	25.10	15.13	40.23	54.00	-13.77	AVG
2	11649.335	39.97	15.13	55.10	74.00	-18.90	peak

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





Ant. Pol.:	Vertical
Test Mode:	TX 802.11ac(VHT20) Mode 5745MHz (U-NII-3)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m

80

70

60

50

40

30

20

10

0

-10

1000.000 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.0

FCC Part15 C - Above 1G PK

FCC Part15 C - Above 1G AV

1

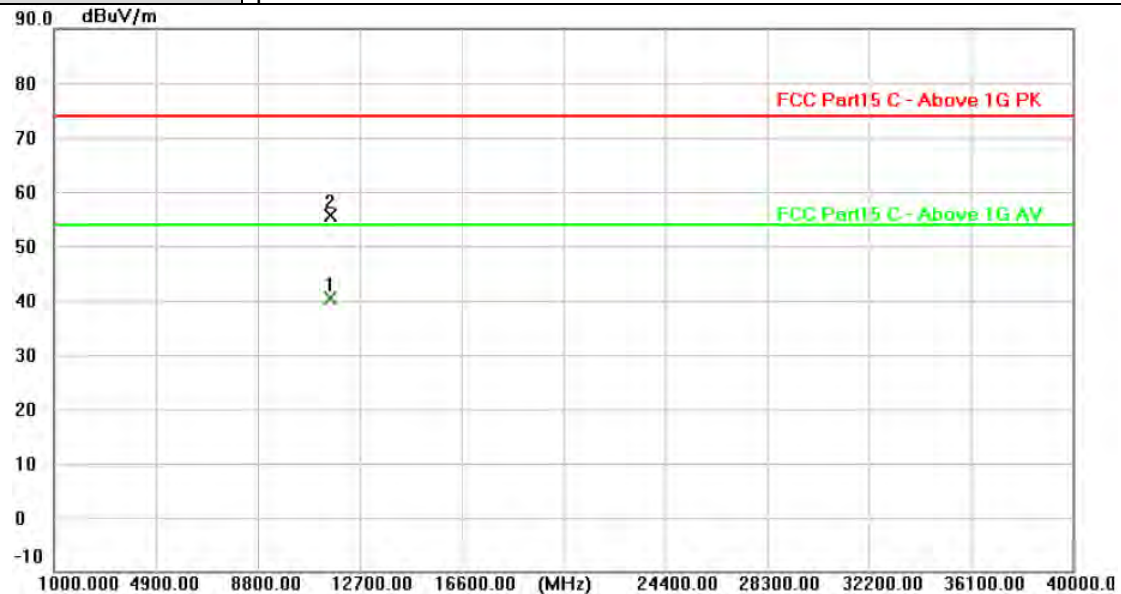
2

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11489.211	39.68	15.00	54.68	74.00	-19.32	peak
2 *	11490.667	25.25	15.01	40.26	54.00	-13.74	AVG

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



Ant. Pol.:	Horizontal
Test Mode:	TX 802.11ac(VHT20) Mode 5785MHz (U-NII-3)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11569.277	25.24	15.06	40.30	54.00	-13.70	AVG
2	11570.740	40.44	15.07	55.51	74.00	-18.49	peak

Remarks:

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



Ant. Pol.:	Vertical
Test Mode:	TX 802.11ac(VHT20) Mode 5785MHz (U-NII-3)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m

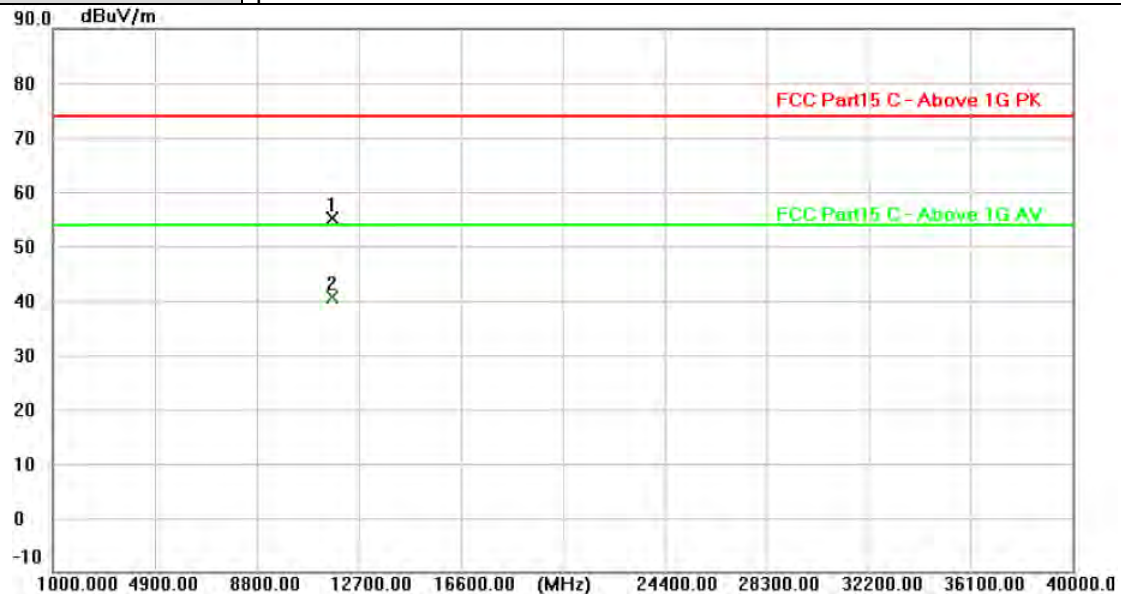
1000.00 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.0

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11570.170	25.24	15.07	40.31	54.00	-13.69	AVG
2	11570.954	39.54	15.07	54.61	74.00	-19.39	peak

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



Ant. Pol.:	Horizontal
Test Mode:	TX 802.11ac(VHT20) Mode 5825MHz (U-NII-3)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11649.290	39.94	15.13	55.07	74.00	-18.93	peak
2 *	11650.465	25.37	15.14	40.51	54.00	-13.49	AVG

Remarks:

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

2. Margin value = Level - Limit value



Ant. Pol.:	Vertical
Test Mode:	TX 802.11ac(VHT20) Mode 5825MHz (U-NII-3)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m

1000.000 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.00

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11649.141	25.34	15.13	40.47	54.00	-13.53	AVG
2	11650.302	39.35	15.14	54.49	74.00	-19.51	peak

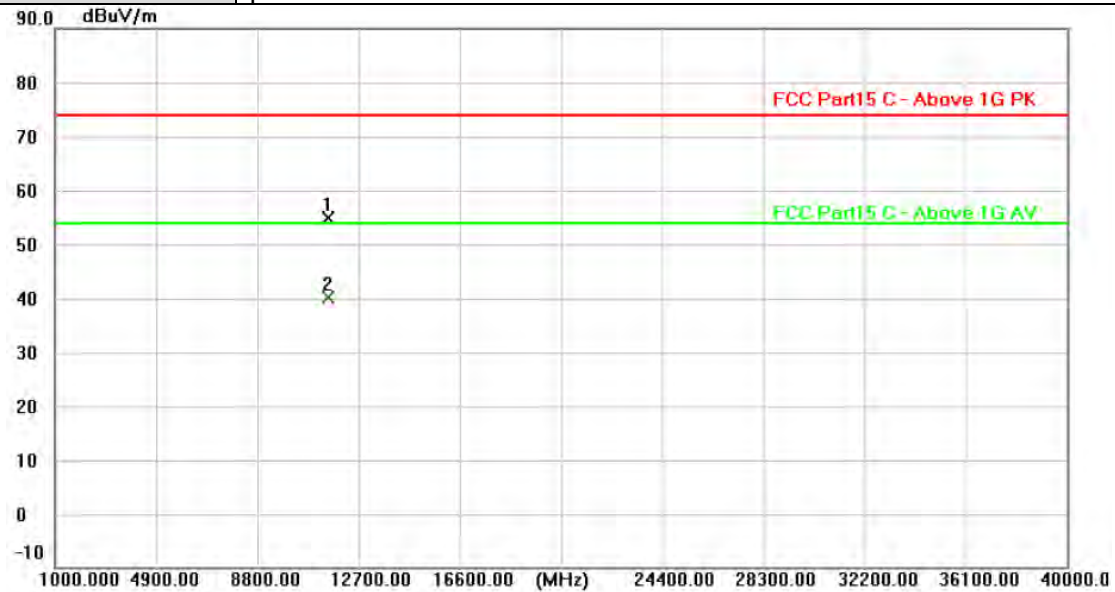
Remarks:

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

2.Margin value = Level -Limit value



Ant. Pol.:	Horizontal
Test Mode:	TX 802.11n(HT40) Mode 5755MHz (U-NII-3)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11509.212	39.83	15.00	54.83	74.00	-19.17	peak
2 *	11509.578	25.16	15.00	40.16	54.00	-13.84	AVG

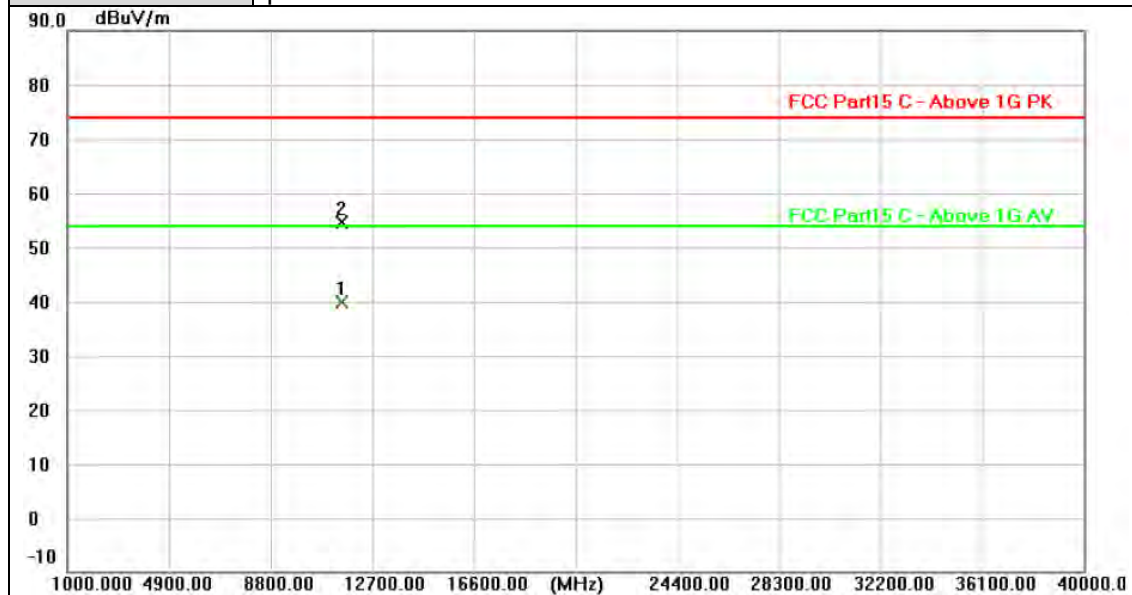
Remarks:

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

2. Margin value = Level - Limit value



Ant. Pol.:	Vertical
Test Mode:	TX 802.11n(HT40) Mode 5755MHz (U-NII-3)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

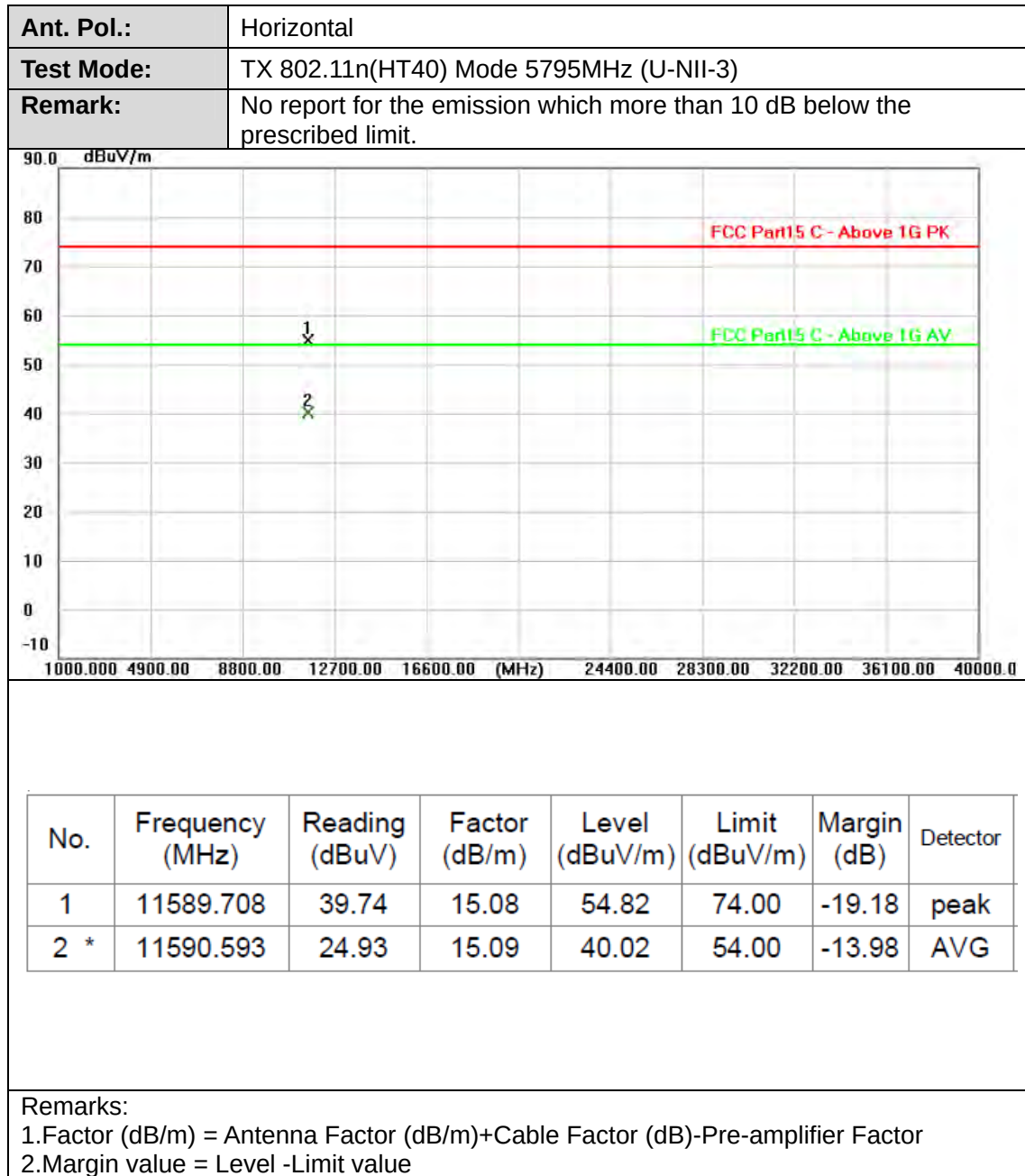


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11509.052	24.98	15.00	39.98	54.00	-14.02	AVG
2	11509.435	39.68	15.00	54.68	74.00	-19.32	peak

Remarks:

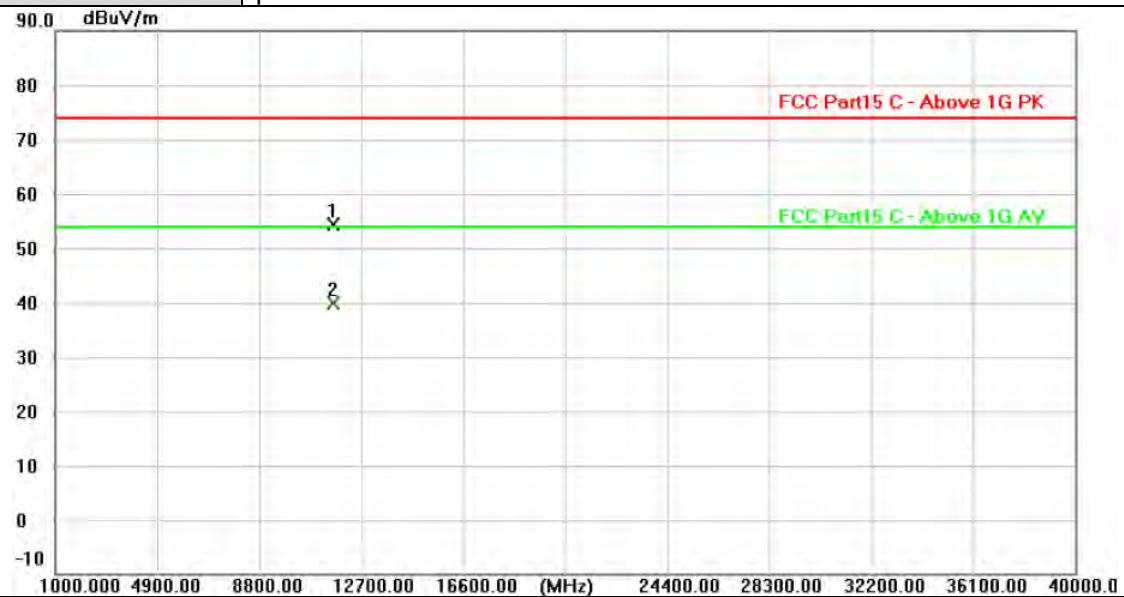
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor

2.Margin value = Level -Limit value





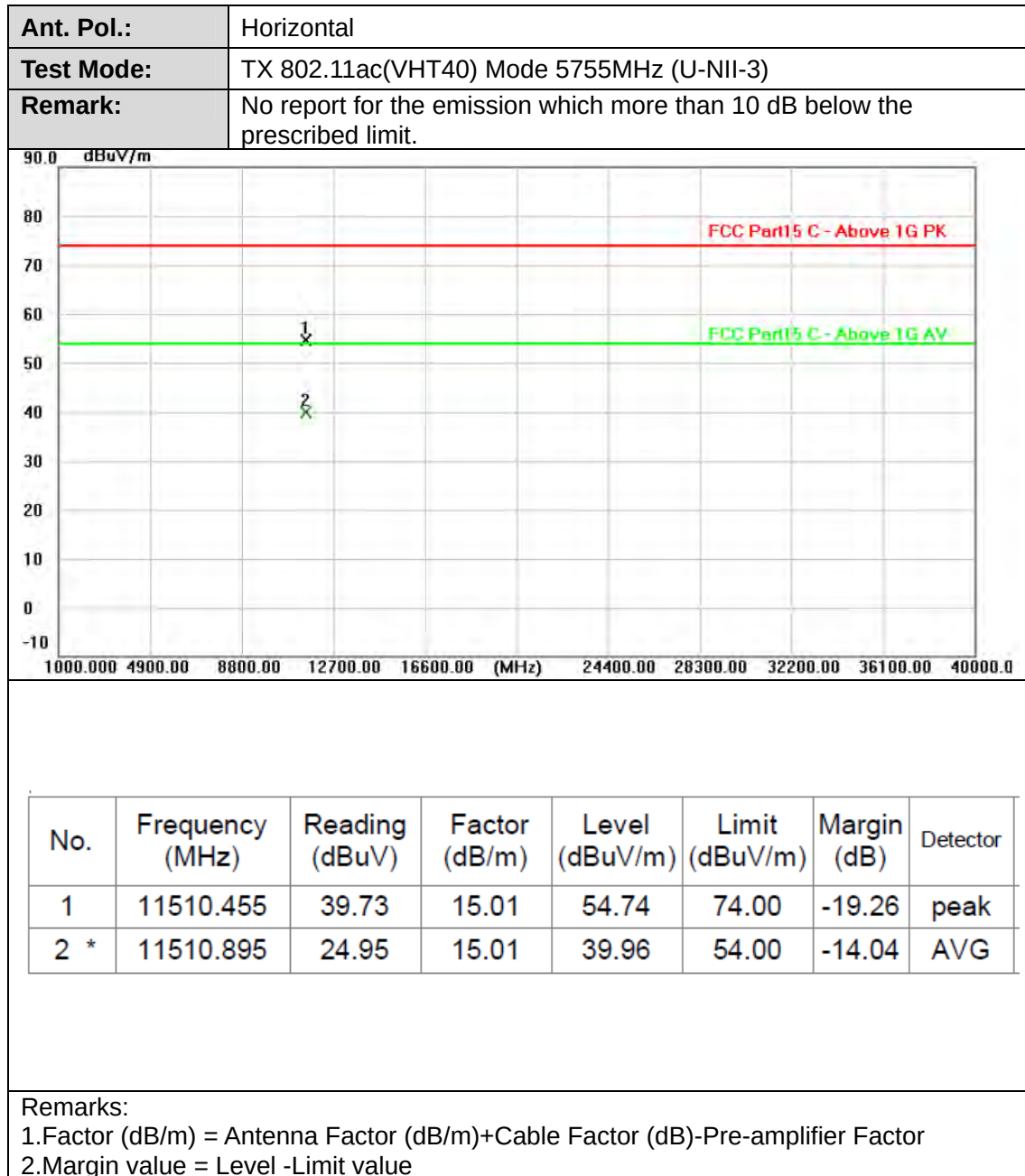
Ant. Pol.:	Vertical
Test Mode:	TX 802.11n(HT40) Mode 5795MHz (U-NII-3)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11589.266	39.28	15.08	54.36	74.00	-19.64	peak
2 *	11590.299	24.91	15.09	40.00	54.00	-14.00	AVG

Remarks:

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





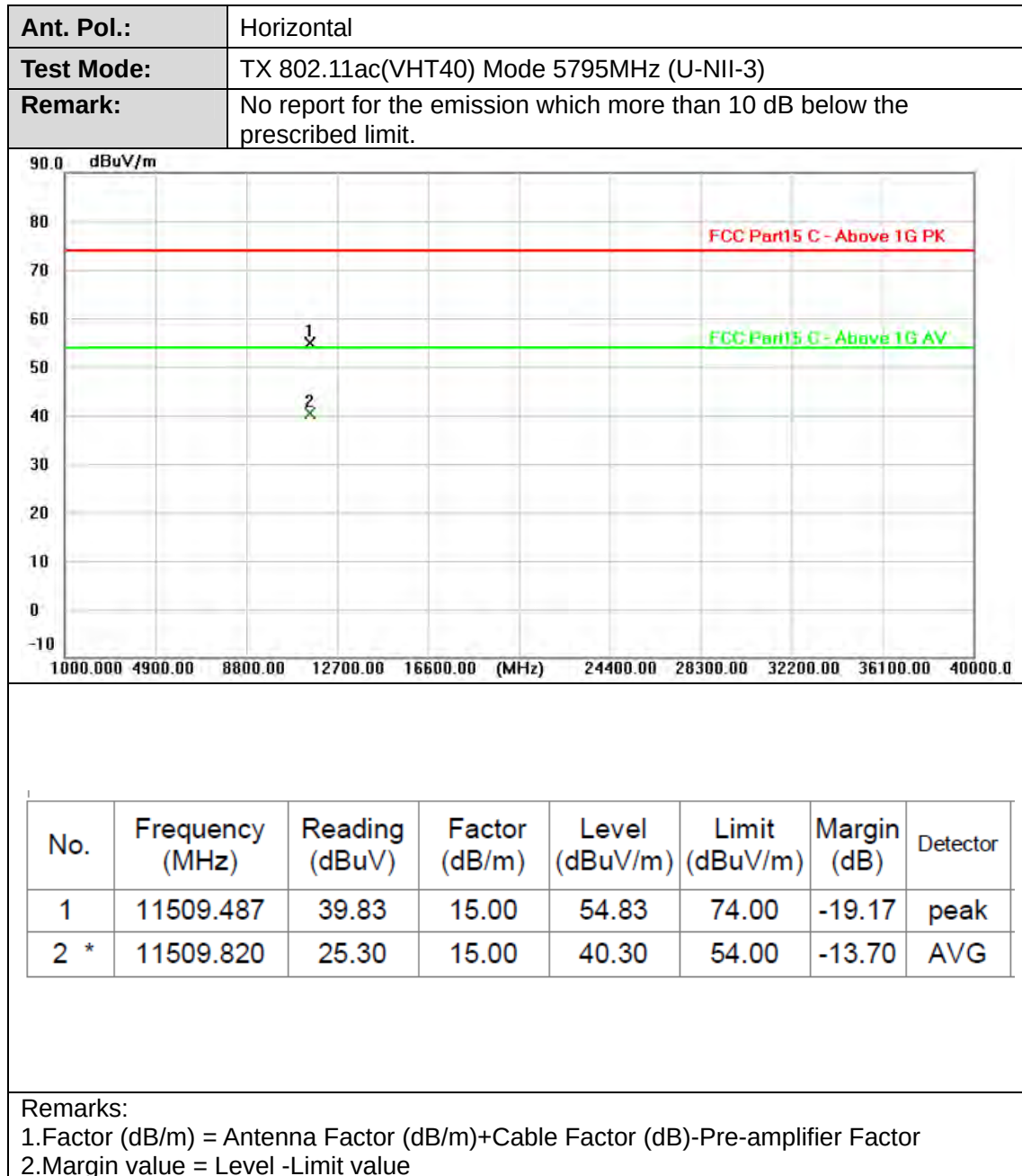
Ant. Pol.:	Vertical
Test Mode:	TX 802.11ac(VHT40) Mode 5755MHz (U-NII-3)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m

1000.000 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.0

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11509.394	39.41	15.00	54.41	74.00	-19.59	peak
2 *	11510.467	25.09	15.01	40.10	54.00	-13.90	AVG

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





Ant. Pol.:	Vertical
Test Mode:	TX 802.11ac(VHT40) Mode 5795MHz (U-NII-3)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m

1000.000 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.0

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 *	11589.028	24.84	15.08	39.92	54.00	-14.08	AVG
2	11590.761	39.67	15.09	54.76	74.00	-19.24	peak

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



Ant. Pol.:	Horizontal
Test Mode:	TX 802.11ac(VHT80) Mode 5775MHz (U-NII-3)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m

1000.000 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.0

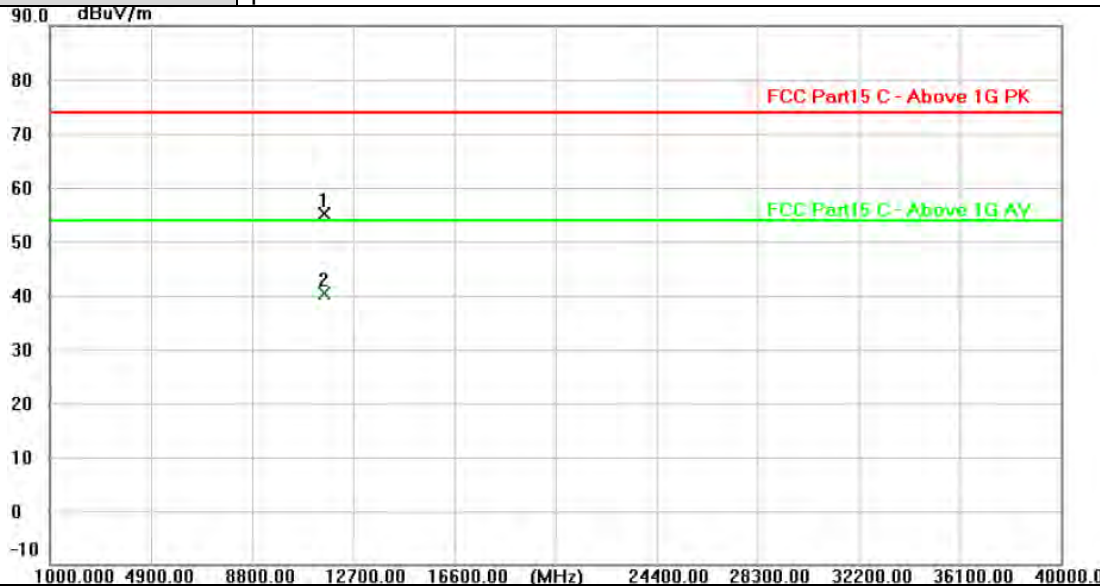
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11549.245	39.91	15.04	54.95	74.00	-19.05	peak
2 *	11549.851	25.23	15.04	40.27	54.00	-13.73	AVG

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



Ant. Pol.:	Vertical
Test Mode:	TX 802.11ac(VHT80) Mode 5775MHz (U-NII-3)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

90.0 dBuV/m



1000.00 4900.00 8800.00 12700.00 16600.00 (MHz) 24400.00 28300.00 32200.00 36100.00 40000.0

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	11550.487	40.20	15.05	55.25	74.00	-18.75	peak
2 *	11550.721	25.27	15.05	40.32	54.00	-13.68	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

Limit

Limits of unwanted emission out of the restricted bands

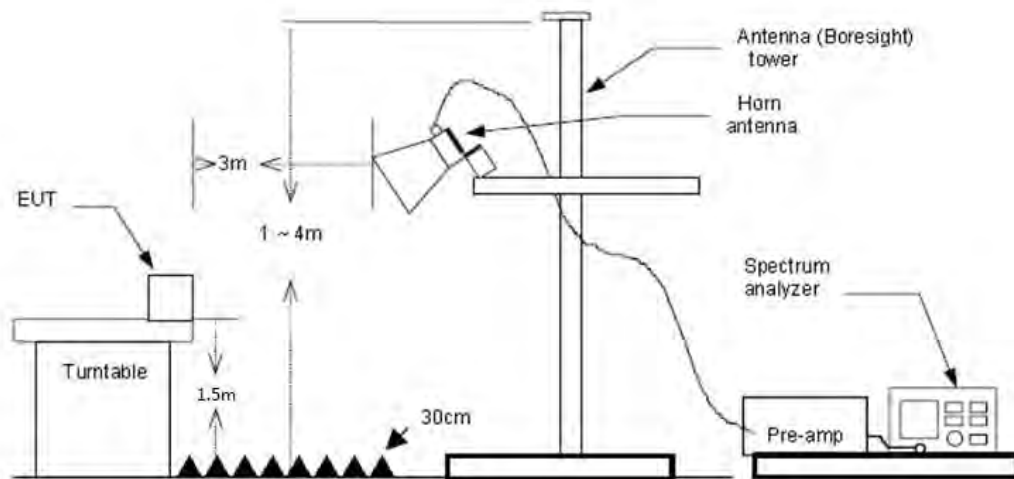
FCC CFR Title 47 Part 15 Subpart C Section 15.407(b)/ RSS-247 6.2.1.2 & RSS-247 6.2.4.2

Frequency (MHz)	EIRP Limits (dBm)	Equivalent Field Strength at 3m (dBuV/m)
5150~5250	-27	68.2
5250~5350	-27	68.2
5470~5725	-27	68.2
5725~5825	-27(Note 2)	68.2
	10(Note 2)	105.2
	15.6(Note 2)	110.8
	27(Note 2)	122.2

Note: 1. The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength: $E = \frac{1000000\sqrt{30P}}{3}$ uV/m, where P is the eirp (Watts)

2. According to FCC 16-24, All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27dBm/MHz at the band edge.

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.

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Tel.: (86)755-27521059

Fax: (86)755-27521011

Http://www.sz-ctc.org.cn



5. The receiver set as follow:

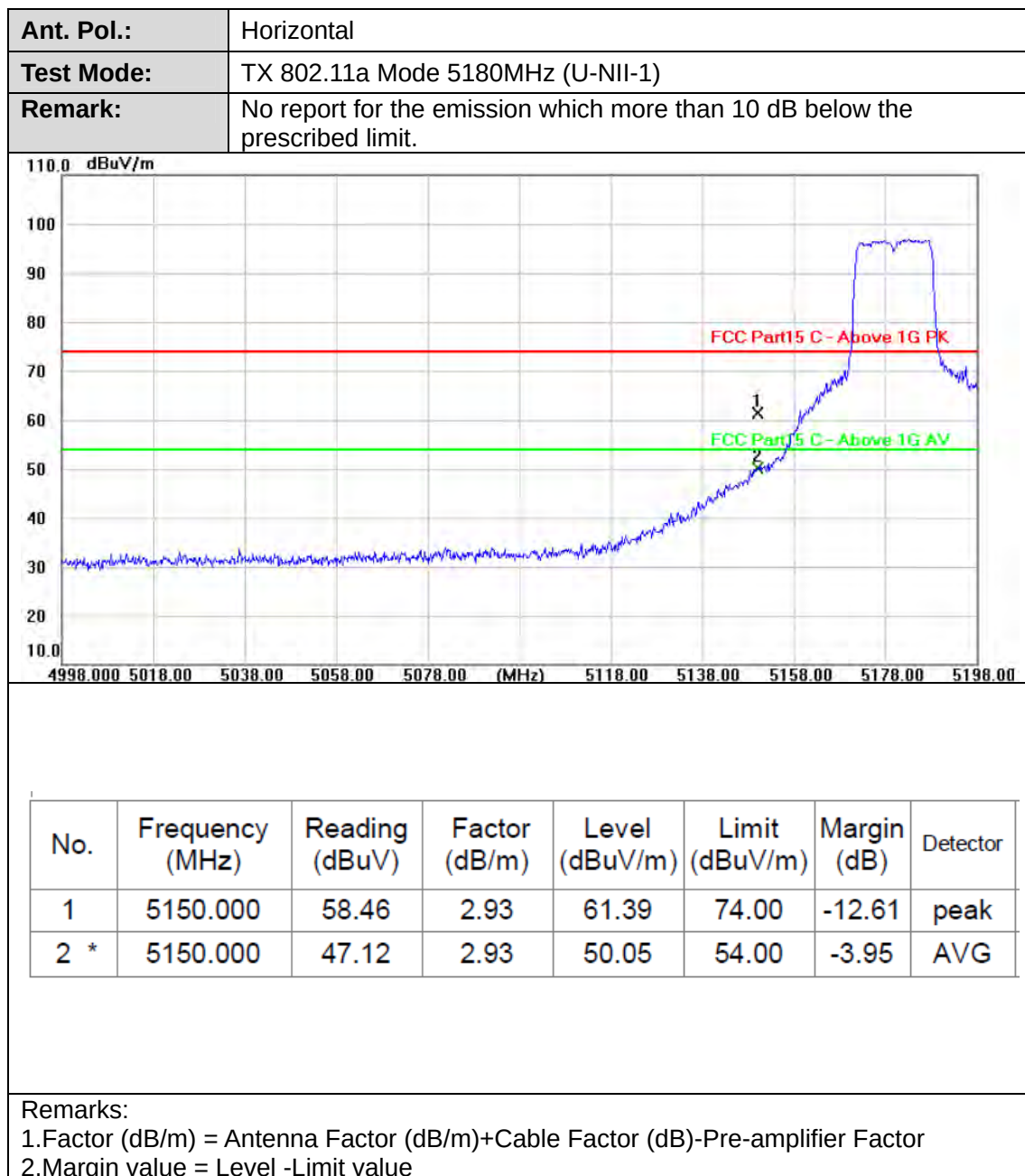
RBW=1MHz, VBW=3MHz PEAK detector for Peak value.

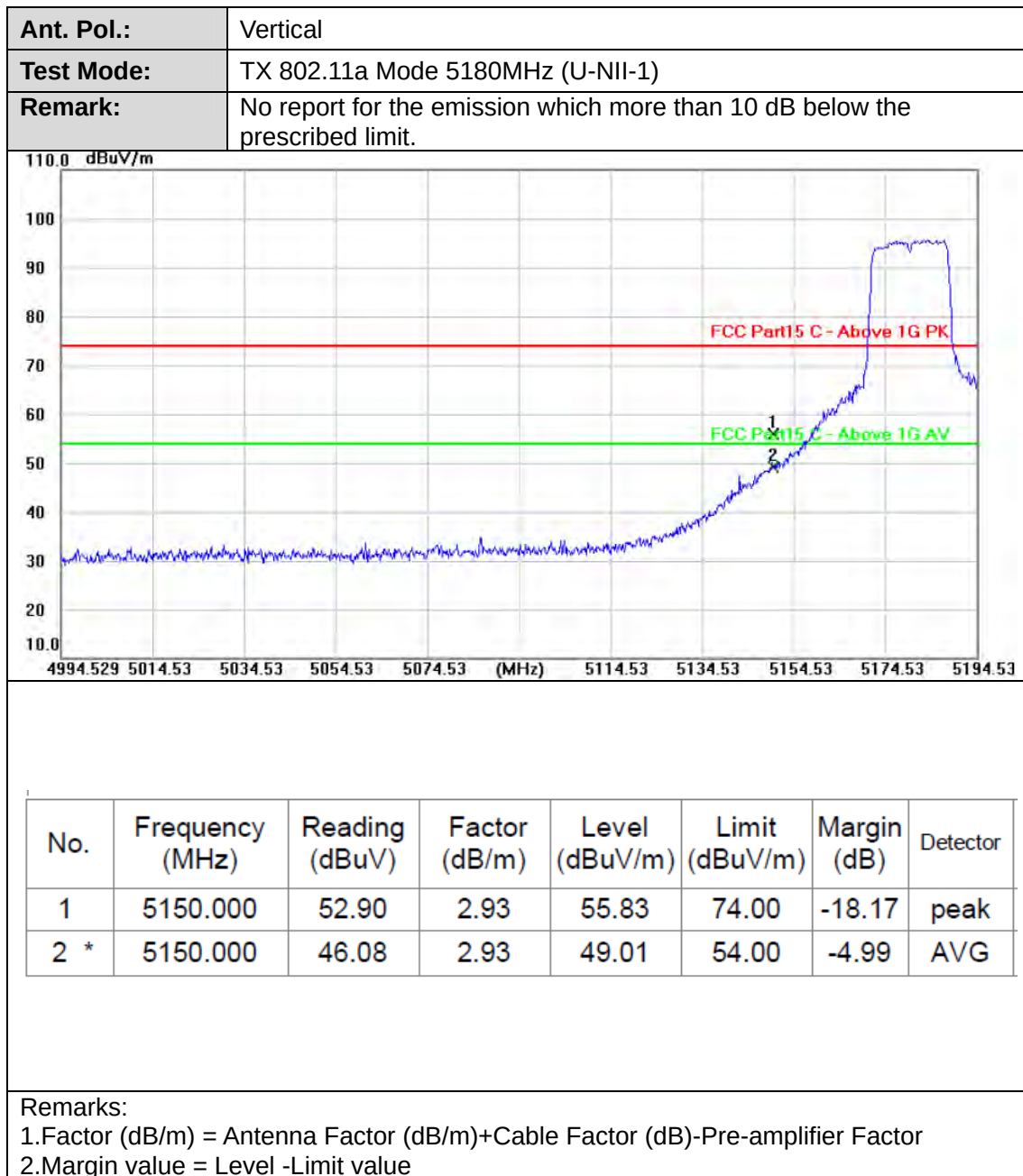
RBW=1MHz, VBW see note 1 with Peak Detector for Average Value.

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 Appendix E: Duty Cycle

Test Mode

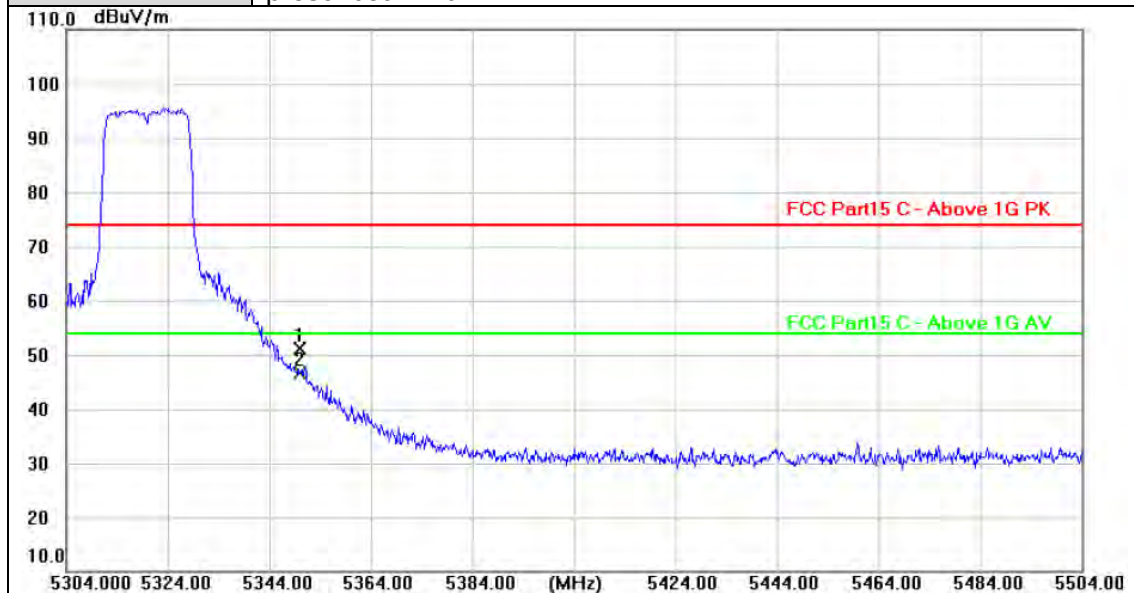
Please refer to the clause 2.4.

Test Results





Ant. Pol.:	Horizontal
Test Mode:	TX 802.11a Mode 5320MHz (U-NII-2A)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5350.000	47.59	3.43	51.02	74.00	-22.98	peak
2 *	5350.000	43.30	3.43	46.73	54.00	-7.27	AVG

Remarks:

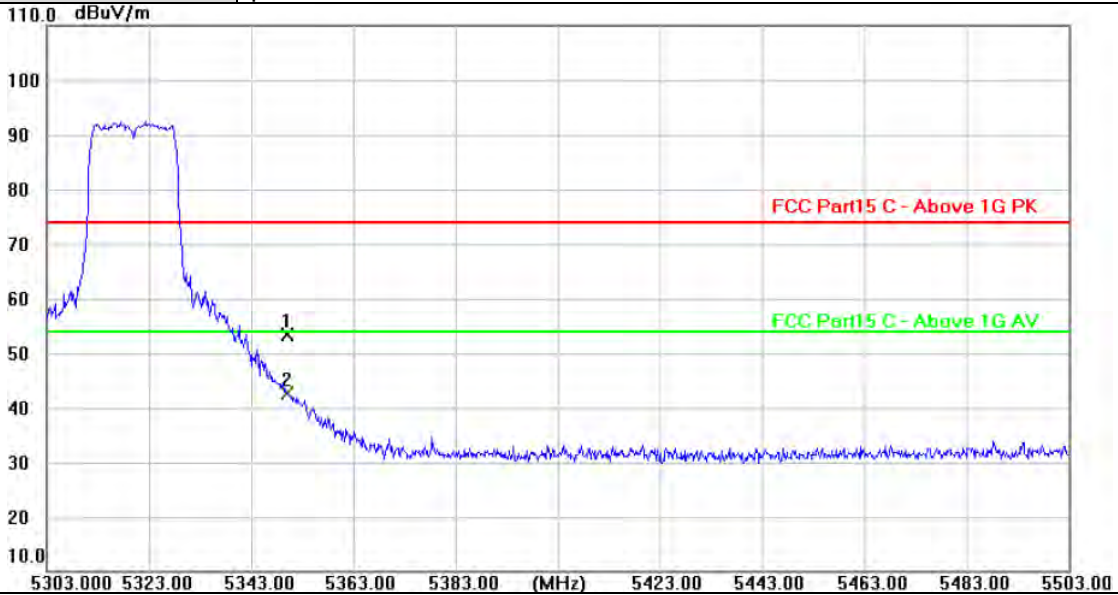
1.Factor (dB/m) = Antenna Factor (dB/m)+Cable Factor (dB)-Pre-amplifier Factor

2.Margin value = Level -Limit value



Ant. Pol.:	Vertical
Test Mode:	TX 802.11a Mode 5320MHz (U-NII-2A)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

110.0 dBuV/m



100

90

80

70

60

50

40

30

20

10.0

5303.000 5323.00 5343.00 5363.00 5383.00 (MHz) 5423.00 5443.00 5463.00 5483.00 5503.00

FCC Part15 C - Above 1G PK

FCC Part15 C - Above 1G AV

1

2

No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5350.000	50.02	3.43	53.45	74.00	-20.55	peak
2 *	5350.000	39.31	3.43	42.74	54.00	-11.26	AVG

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



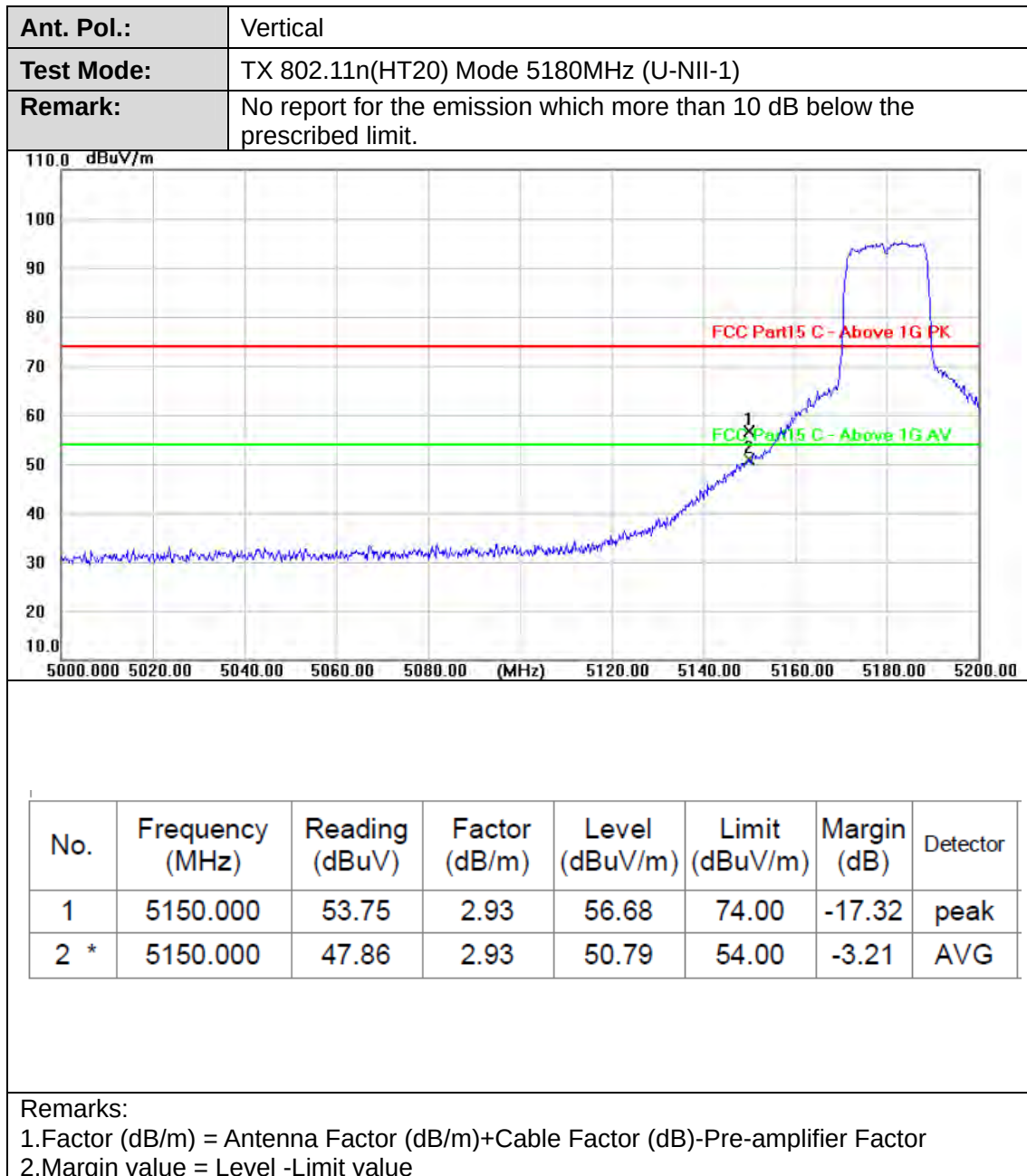
Ant. Pol.:	Horizontal
Test Mode:	TX 802.11n(HT20) Mode 5180MHz (U-NII-1)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5150.000	57.74	2.93	60.67	74.00	-13.33	peak
2 *	5150.000	48.40	2.93	51.33	54.00	-2.67	AVG

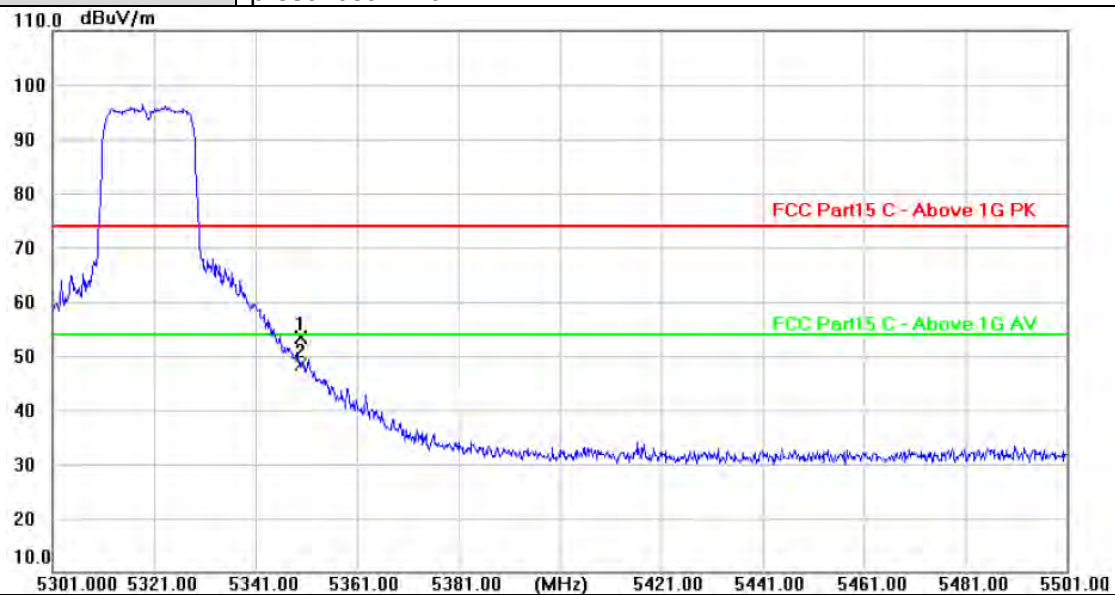
Remarks:

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





Ant. Pol.:	Horizontal
Test Mode:	TX 802.11n(HT20) Mode 5320MHz (U-NII-2A)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.



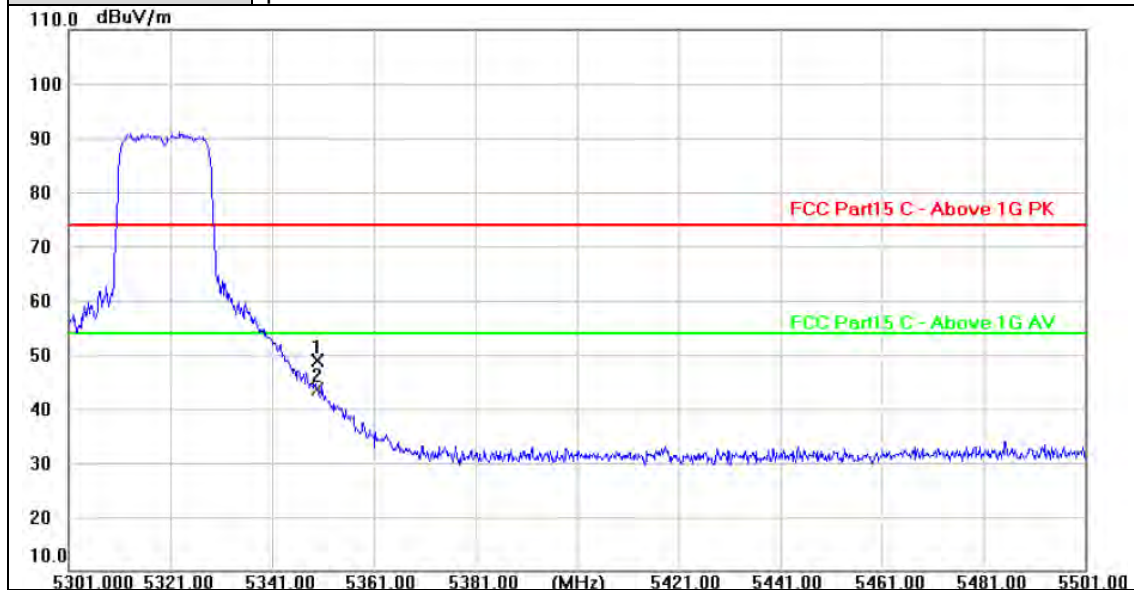
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5350.000	50.01	3.43	53.44	74.00	-20.56	peak
2 *	5350.000	44.98	3.43	48.41	54.00	-5.59	AVG

Remarks:

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



Ant. Pol.:	Vertical
Test Mode:	TX 802.11n(HT20) Mode 5320MHz (U-NII-2A)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.

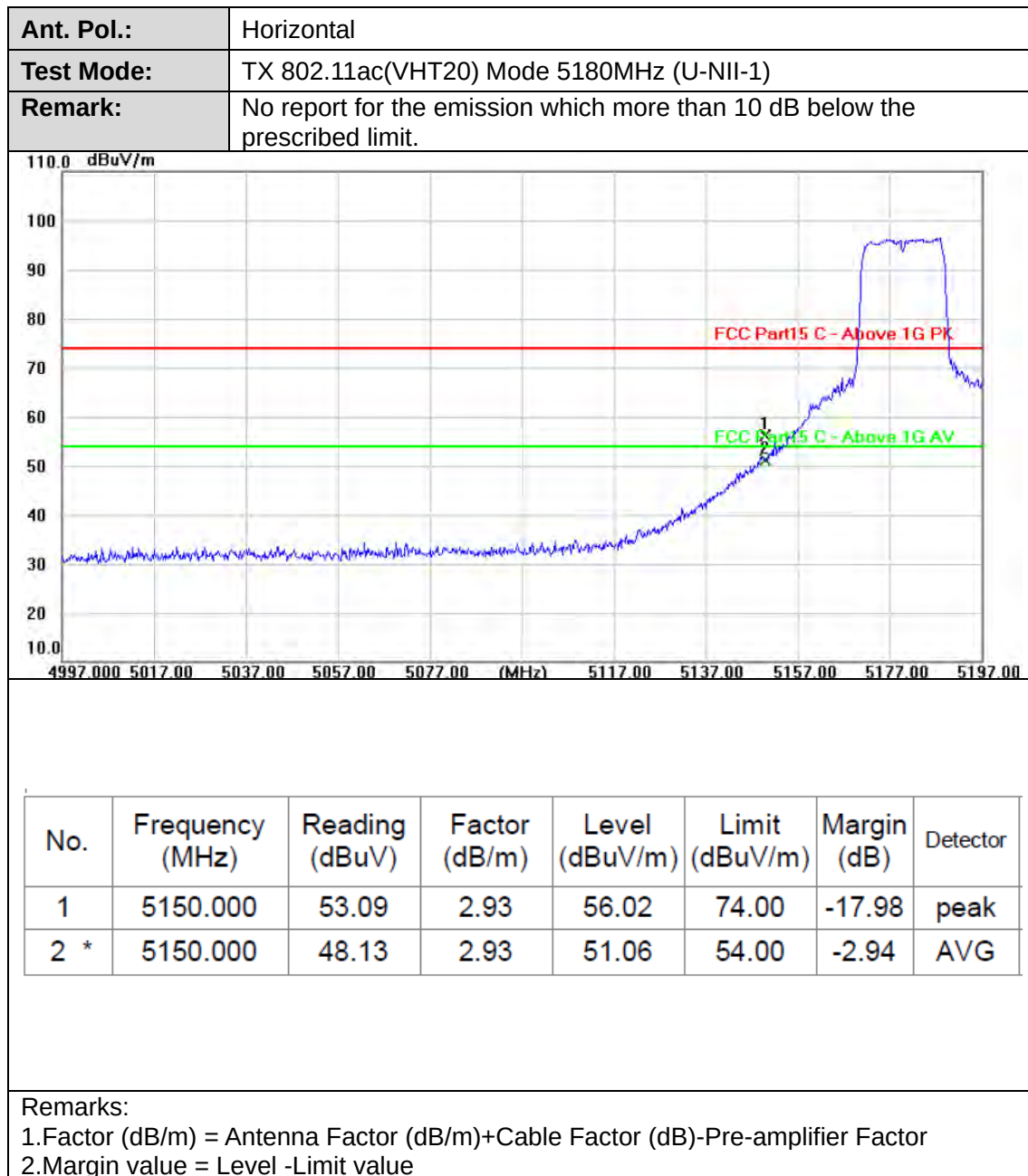


No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5350.000	45.57	3.43	49.00	74.00	-25.00	peak
2 *	5350.000	40.21	3.43	43.64	54.00	-10.36	AVG

Remarks:

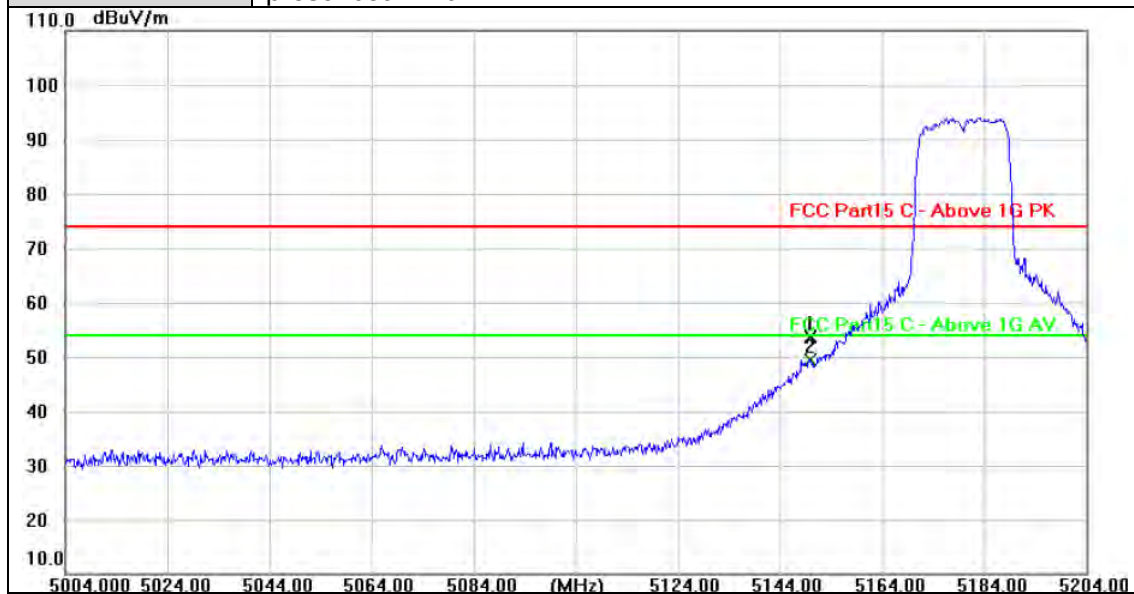
1. Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB) - Pre-amplifier Factor

2. Margin value = Level - Limit value





Ant. Pol.:	Vertical
Test Mode:	TX 802.11ac(VHT20) Mode 5180MHz (U-NII-1)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.



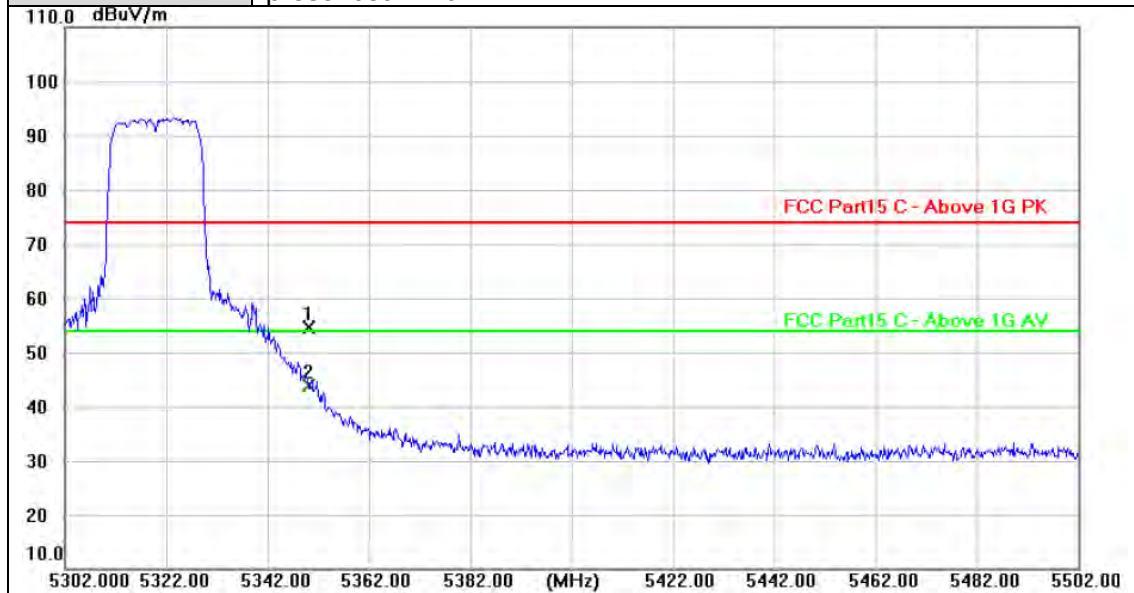
No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5150.000	50.82	2.93	53.75	74.00	-20.25	peak
2 *	5150.000	46.54	2.93	49.47	54.00	-4.53	AVG

Remarks:

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

2.Margin value = Level -Limit value

Ant. Pol.:	Horizontal
Test Mode:	TX 802.11ac(VHT20) Mode 5320MHz (U-NII-2A)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	5350.000	51.09	3.43	54.52	74.00	-19.48	peak
2 *	5350.000	40.45	3.43	43.88	54.00	-10.12	AVG

Remarks:

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

2.Margin value = Level -Limit value