Test Report

Verified code: 315547

Report No.: E202112276794-16

Customer:	NunoErin, LLC
Address:	533 Commerce Street, Jackson MS 39201 USA
Sample Name:	Wall mount tablet
Sample Model:	UCTBWM-15.6
Receive Sample Date:	Dec.29,2021
Test Date:	Dec.31,2021 ~ Apr.21,2022
Reference Document:	CFR 47, FCC Parts Subpart E Unlicensed National Information Infrastructure Devices
Test Result:	Pass

Prepared by: Reviewed by: Approved by:

GUANGZHOU GRG METROLOGY & TEST CO., LTD

Issued Date: 2022-05-27

GUANGZHOU GRG METROLOGY & TEST CO., LTD.
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Statement

1. The report is invalid without "special seal for inspection and testing"; some copies are invalid; The report is invalid if it is altered or missing; The report is invalid without the signature of the person who prepared, reviewed and approved it.

2. The sample information is provided by the client and responsible for its authenticity; The content of the report is only valid for the samples sent this time.

3. When there are reports in both Chinese and English, the Chinese version will prevail when the language problems are inconsistent.

4. If there is any objection concerning the report, please inform us within 15 days from the date of receiving the report.

5. Without the agreement of the laboratory, the client is not authorized to use the test results for unapproved propaganda.

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REPORT ISSUED HISTORY

Report Version	Report No.	Description	Compile Date
1.0	E202112276794-16	Original Issue	2022-04-27

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1. TEST RESULT SUMMARY

Standard	Item	Limit / Severity	Result
CFR 47, FCC Parts Subpart E (§15.407)	6dB Bandwidth &26dB Bandwidth & 99% Occupied Bandwidth	15.407(a) 15.407(e)	PASS
	AC Power Line Conducted Emissions	15.207 15.407(b)(9)	PASS
	Unwanted Emissions and Band Edge	15.205 15.209 15.407(b)	PASS
	Output Power	15.407(a)	PASS
	Peak Power Spectral Density	15.407(a)	PASS
	Frequency Stability	15.407(g)	PASS
	Antenna Requirement	15.203	PASS[1)]

Note: [1)]The EUT have one antennas. The antenna is Internal antenna.
The max gain of antenna is 3dBi, which accordance 15.203 is considered sufficient to comply with the provisions of this section.

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2. GENERAL DESCRIPTION OF EUT

2.1. APPLICANT

Name:	NunoErin, LLC
Address:	533 Commerce Street, Jackson MS 39201 USA

2.2. MANUFACTURER

Name:	Chengdu Vantron Technology Co., Ltd.
Address:	No.5 GaoPeng Road, Hi-Tech Zone, Chengdu, SiChuan, P.R. China 610045

2.3. FACTORY

Name:	Chengdu Vantron Technology Co., Ltd.
Address:	No.5 GaoPeng Road, Hi-Tech Zone, Chengdu, SiChuan, P.R. China 610045

2.4. BASIC DESCRIPTION OF EQUIPMENT UNDER TEST

Product Name:	Wall mount tablet
Product Model:	UCTBWM-15.6
Adding Model:	/
Trade Name:	NunoErin
FCC ID:	2A5VA- UCTBWM156
Rating:	Input: 100-240V~ 50/60Hz 1.0A
Frequency Band:	U-NII-1: 5180 MHz~5240 MHz U-NII-3: 5745 MHz~5825 MHz
Modulation Type:	OFDM
Antenna Specification:	Internal antenna U-NII-1: Antenna 1 with 3dBi gain (Max.) U-NII-3: Antenna 1 with 3dBi gain (Max.)
Number Of Channel	U-NII-1: IEEE 802.11a / n HT20 / ac VHT20: 4 Channels IEEE 802.11n HT40 / ac VHT40: 2 Channels IEEE 802.11ac VHT80: 1 Channel U-NII-3: IEEE 802.11a / n HT20 / ac VHT20: 5 Channels IEEE 802.11n HT40 / ac VHT40: 2 Channels IEEE 802.11ac VHT80: 1 Channel
Channels Spacing:	IEEE 802.11a: 20MHz IEEE 802.11n HT20: 20MHz

	IEEE 802.11n HT40: 40MHz IEEE 802.11ac VHT20: 20MHz IEEE 802.11ac VHT40: 40MHz IEEE 802.11ac VHT80: 80MHz
Transmit Power:	U-NII-1: 14.61dBm for IEEE 802.11a 14.37dBm for IEEE 802.11n HT20 14.40dBm for IEEE 802.11ac VHT20 14.70dBm for IEEE 802.11n HT40 14.75dBm for IEEE 802.11ac VHT40 14.53dBm for IEEE 802.11ac VHT80 U-NII-3: 14.00dBm for IEEE 802.11a 13.52dBm for IEEE 802.11n HT20 13.48dBm for IEEE 802.11ac VHT20 14.50dBm for IEEE 802.11n HT40 14.25dBm for IEEE 802.11ac VHT40 14.02dBm for IEEE 802.11ac VHT80
Temperature Range:	0℃~ 50℃
Hardware Version:	V2.0
Software Version:	Android 10
Sample submitting way:	■Provided by customer □Sampling
Sample No:	E202112276794-0001

2.5. TEST OPERATION MODE

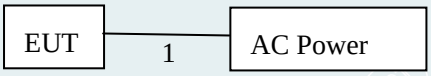
Mode No.	Description of the modes
1	5G Wi-Fi TX mode

Note: The items of radiated emission just record the worst case of 20MHz/40MHz/80MHz bandwith.

2.6. LOCAL SUPPORTIVEINSTRUMENTS

Name of Equipment		Manufacturer	Model	Serial Number	Note
/		/	/	/	/
Cable					
1	AC cable	/	/	/	Unshield 0.38m

2.7. CONFIGURATION OF SYSTEM UNDER TEST



Test software:

Software version	Test level
Ampak RF testTool	Default

Power Setting:

Mode	Frequecy (MHz)	Power Setting
IEEE 802.11a	5180	Default
	5200	Default
	5240	Default
	5745	Default
	5785	Default
	5825	Default

Mode	Frequecy (MHz)	Power Setting	Mode	Frequecy (MHz)	Power Setting
IEEE 802.11n HT20	5180	Default	IEEE 802.11ac VHT20	5180	Default
	5200	Default		5200	Default
	5240	Default		5240	Default
	5745	Default		5745	Default
	5785	Default		5785	Default
	5825	Default		5825	Default

Mode	Frequecy (MHz)	Power Setting	Mode	Frequecy (MHz)	Power Setting
IEEE 802.11n HT40	5190	Default	IEEE 802.11ac VHT40	5190	Default
	5230	Default		5230	Default
	5755	Default		5755	Default
	5795	Default		5795	Default

Mode	Frequecy (MHz)	Power Setting	Frequecy (MHz)	Power Setting
IEEE 802.11ac VHT80	5210	Default	5775	Default

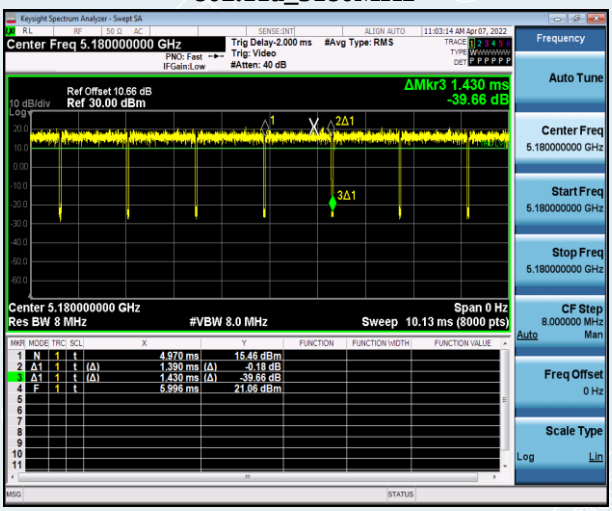
2.8. DUTY CYCLE

EUT Name	Wall mount tablet	Model	UCTBWM-15.6
Environmental Conditions	23.1℃/53%RH	Test Voltage	AC120V/60Hz
Tested By	Qin Tingting	Tested Date	2022-01-13 to 2022-04-07

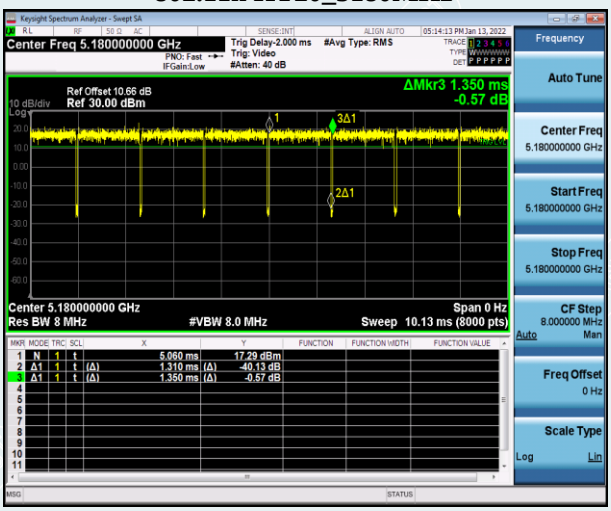
	Duty Cycle Calculation						
	Mode	Frequency [MHz]	ON Time(ms)	Total Time(ms)	Duty Cycle(%)	Duty Factor	T(s)
duty cycle	802.11a	5180	1.39	1.43	97.20	0.12	0.00139
	802.11n HT20	5180	1.31	1.35	97.04	0.13	0.00131
	802.11n HT40	5190	0.64	0.69	92.75	0.33	0.00064
	802.11ac VHT20	5180	1.31	1.35	97.04	0.13	0.00131
	802.11ac VHT40	5190	0.65	0.70	92.86	0.32	0.00065
	802.11ac VHT80	5775	0.33	0.40	82.50	0.84	0.00033

Duty factor=10*Log(1/Duty cycle).

802.11a_5180MHz



802.11n HT20_5180MHz



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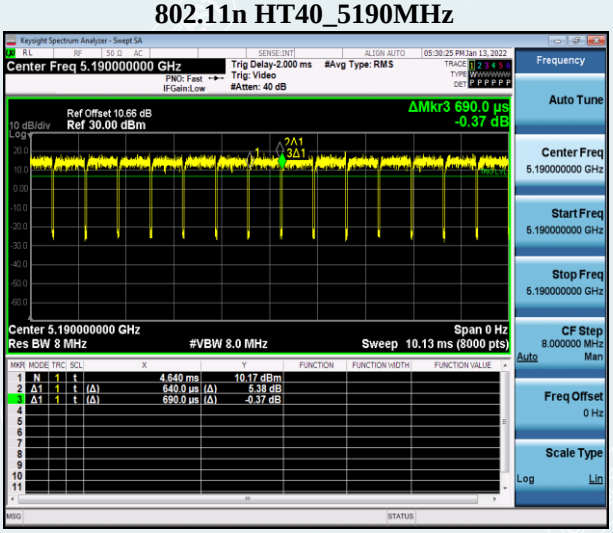
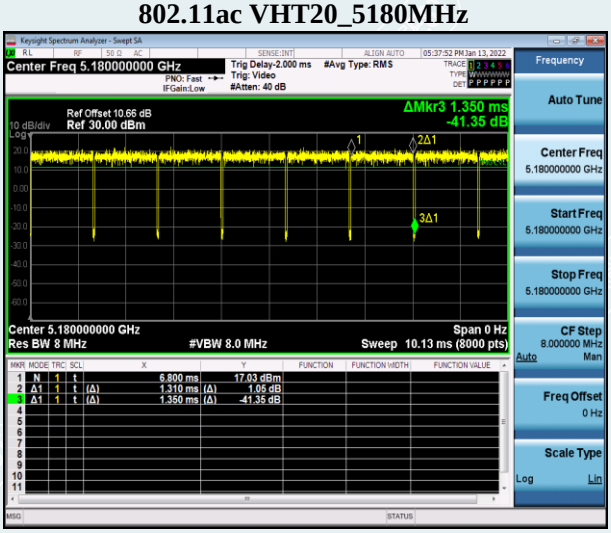
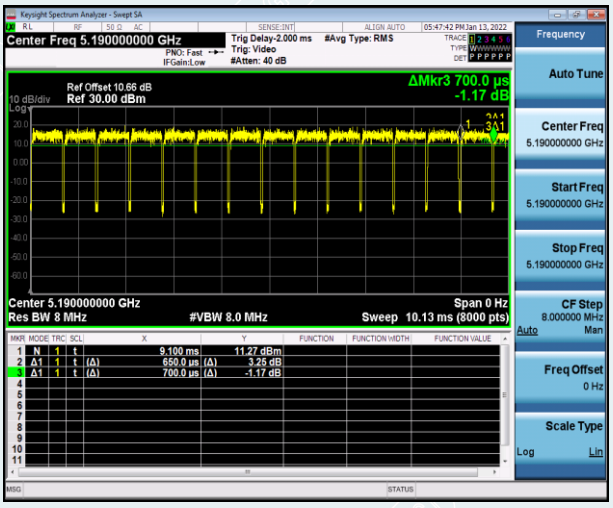
802.11n HT40_5190MHz



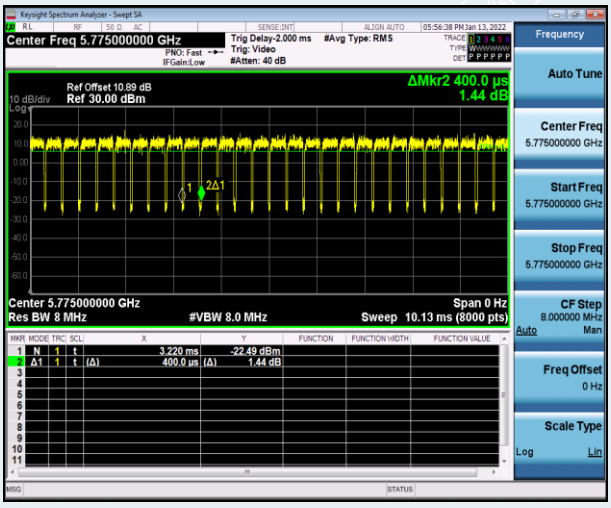
802.11ac VHT20_5180MHz



802.11ac VHT40_5190MHz



802.11ac VHT80_5775MHz



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3. LABORATORY AND ACCREDITATIONS

3.1. LABORATORY

The tests & measurements refer to this report were performed by Shenzhen EMC Laboratory of Guangzhou GRG Metrology & Test Co., Ltd.

Add : No.1301 Guanguang Road Xinlan Community, Guanlan Street, Longhua District Shenzhen, 518110, People's Republic of China

P.C. : 518110

Tel : 0755-61180008

Fax : 0755-61180008

3.2. ACCREDITATIONS

Our laboratories are accredited and approved by the following approval agencies according to ISO/IEC 17025.

USA	A2LA(Certificate #2861.01)

The measuring facility of laboratories has been authorized or registered by the following approval agencies.

Canada	ISED (Company Number: 24897, CAB identifier:CN0069)
USA	FCC (Registration Number: 759402, Designation Number:CN1198)

Copies of granted accreditation certificates are available for downloading from our web site, http://www.grgtest.com

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3.3. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

Measurement		Frequency	Uncertainty
Radiated Emission	Horizontal	9kHz～30MHz	4.46dB
		30MHz～1000MHz	4.30dB
		1GHz～18GHz	5.60dB
		18GHz～26GHz	3.65dB
		26GHz～40GHz	4.00dB
	Vertical	9kHz～30MHz	4.46dB
		30MHz～1000MHz	4.30dB
		1GHz～18GHz	5.60dB
		18GHz～26GHz	3.65dB
		26GHz～40GHz	4.00dB
Conduction Emission		9kHz～150kHz	2.80dB
		150kHz～10MHz	2.80dB
		10MHz～30MHz	2.20dB

Measurement	Uncertainty
RF frequency	6.0×10^{-6}
RF power conducted	0.78 dB
Occupied channel bandwidth	0.4 dB
Unwanted emission, conducted	0.68 dB
Humidity	6 %
Temperature	2℃

This uncertainty represents an expanded uncertainty factor of *k*=2.

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4. LIST OF USED TEST EQUIPMENT AT GRGT

Name of Equipment	Manufacturer	Model	Serial Number	Calibration Due
Conducted Emissions				
TEST RECEIVER	R&S	ESCI	100783	2022-09-13
LISN(EUT)	R&S	ENV216	101543	2022-09-14
EZ-EMC	EZ	CCS-3A1-CE	/	/
Radiated Spurious Emission&Restricted bands of operation				
Test S/W	EZ	CCS-03A1		
Loop Antenna	TESEQ	HLA6121	52599	2023-04-02
Test Receiver	R&S	ESR7	102444	2022-09-21
Preamplifier	EMEC	EM330	I00426	2023-03-05
Bi-log Antenna	Schwarzbeck	VULB9160	VULB9160-3401	2022-10-27
Spectrum Analyzer	Agilent	N9020B	MY57120179	2022-08-08
Horn Antenna	Schwarzbeck	BBHA9120D(1201)	02143	2022-10-22
Board-Band Horn Antenna	Schwarzbeck	BBHA 9170	BBHA 9170-497	2022-10-16
Amplifier	Tonscend	TAP01018048	AP20E8060075	2022-05-09
Amplifier	Tonscend	TAP184050	AP20E806071	2022-05-17
Test S/W	Tonscend	JS36-RE/2.5.1.5		
6DB Bandwidth &26DB Bandwidth& 99% Occupied bandwidth				
Spectrum Analyzer	R&S	FSV30	104381-rH	2022-12-10
Spectrum Analyzer	Agilent	N9010A	MY55370330	2022-11-08
Output Power				
Pulse power sensor	Anristu	MA2411B	1126150	2023-03-01
Power meter	Anritsu	ML2495A	1204003	2023-02-28
Frequency Stability				
Spectrum Analyzer	R&S	FSV30	104381-rH	2022-12-10
Temperature& humidity chamber	HOSON	HS01060SDF	201013401	2022-09-02
Power Spectral Density				
Spectrum Analyzer	R&S	FSV30	104381-rH	2022-12-10
Spectrum Analyzer	Agilent	N9010A	MY55370330	2022-11-08

Note: The calibration interval of the above test instruments is 12 months.

5. CONDUCTED EMISSION MEASUREMENT

5.1. LIMITS

Frequency range	Limits (dBμV)	
	Quasi-peak	Average
150kHz～0.5MHz	66～56	56～46
0.5MHz～5MHz	56	46
5MHz～30MHz	60	50

NOTE: (1) The lower limit shall apply at the transition frequencies.
(2) The limit decreases in line with the logarithm of the frequency in the range of 150 kHz to 0.5MHz.

5.2. TEST PROCEDURES

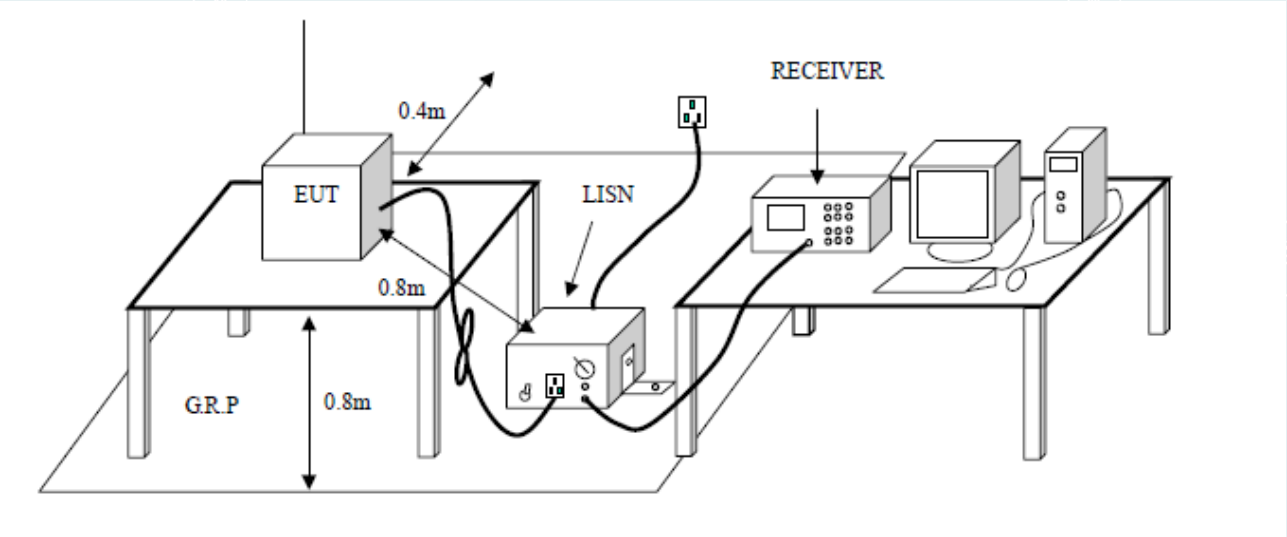
Procedure of Preliminary Test

Test procedures follow ANSI C63.10:2013.
For measurement of the disturbance voltage the equipment under test (EUT) is connected to the power supply mains and any other extended network via one or more artificial network(s). An EUT, whether intended to be grounded or not, and which is to be used on a table is configured as follows:
– Either the bottom or the rear of the EUT shall be at a controlled distance of 40 cm from a reference ground plane. This ground plane is normally the wall or floor of a shielded room. It may also be a grounded metal plane of at least 2 m by 2 m. This is physically accomplished as follows:
1) place the EUT on a table of non-conducting material which is at least 80 cm high. Place the EUT so that it is 40 cm from the wall of the shielded room, or
2) place the EUT on a table of non-conducting material which is 40 cm high so that the bottom of the EUT is 40 cm above the ground plane;
– All other conductive surfaces of the EUT shall be at least 80 cm from the reference ground plane;
– The EUT are placed on the floor that one side of the housings is 40 cm from the vertical reference ground plane and other metallic parts;
– Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth forming a bundle 30 cm to 40 cm long, hanging approximately in the middle between the ground plane and the table.
– Use serial board or connecting line to make EUT and notebook to communicate, according to the actual demand to make EUT emit fixed frequency signal.
The test mode(s) described in Item 2.5 were scanned during the preliminary test. After the preliminary scan, we found the test mode described in Item 2.5 producing the highest emission level.The EUT configuration and cable configuration of the above highest emission levels were recorded for reference of the final test.

Procedure of Final Test

EUT and support equipment were set up on the test bench as per the configuration with highest emission level in the preliminary test. A scan was taken on both power lines, recording at least the six highest emissions. Emission frequency and amplitude were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit. The test data of the worst-case condition(s) was recorded.

5.3. TEST SETUP



5.4. DATA SAMPLE

Frequency (MHz)	QuasiPeak Reading (dBuV)	Average Reading (dBuV)	Correction Factor (dB)	QuasiPeak Result (dBuV)	Average Result (dBuV)	QuasiPeak Limit (dBuV)	Average Limit (dBuV)	QuasiPeak Margin (dB)	Average Margin (dB)	Remark (Pass/Fail)
X.XXXX	32.69	25.65	11.52	44.21	37.17	65.78	55.79	-21.57	-18.62	Pass

Factor = Insertion loss of LISN + Cable Loss
Result = Quasi-peak Reading/ Average Reading + Factor
Limit = Limit stated in standard
Margin = Result (dBuV) – Limit (dBuV)

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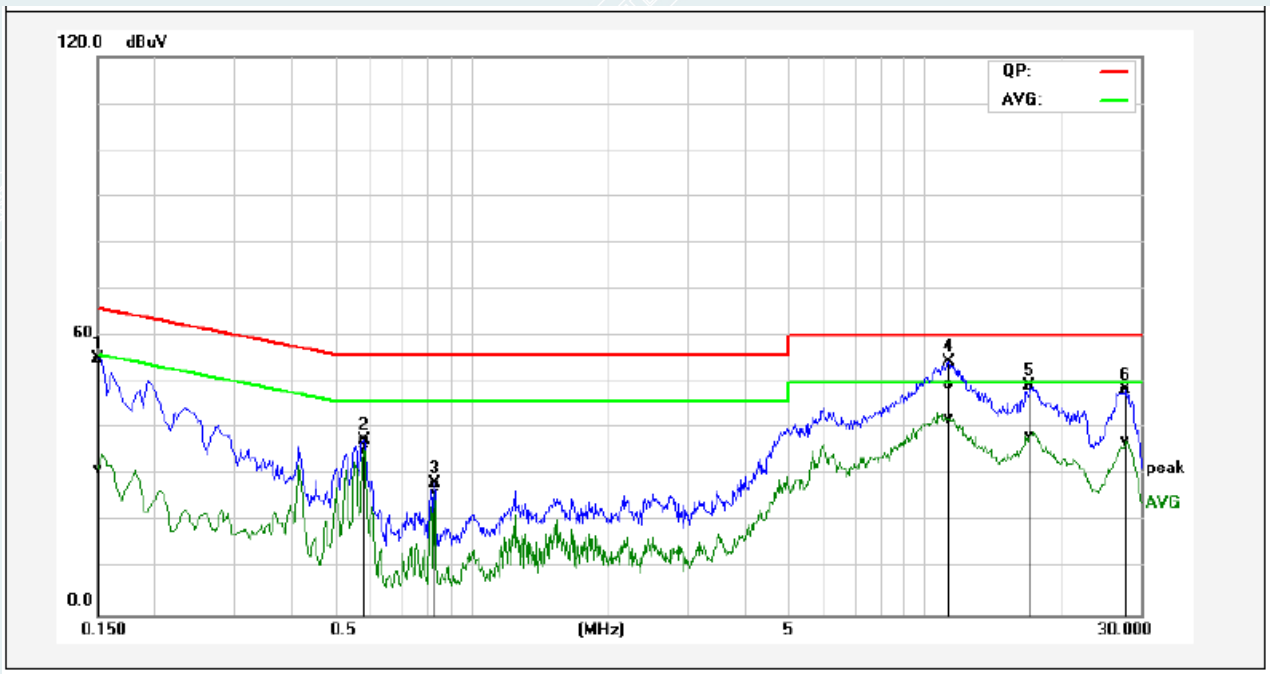
5.5. TEST RESULTS

All models were pretested and only the worst case were recorded in this report. (IEEE 802.11a 5200MHz)

EUT Name	Wall mount tablet	Model	UCTBWM-15.6
Environmental Conditions	22.5℃/45%RH	Test Mode	Mode 1
Power supply	AC 120V/60Hz	Test Engineer	Zeng Xianglong
Test Date	2022-02-14	Sample No.	E202112276794-0001

Line: L

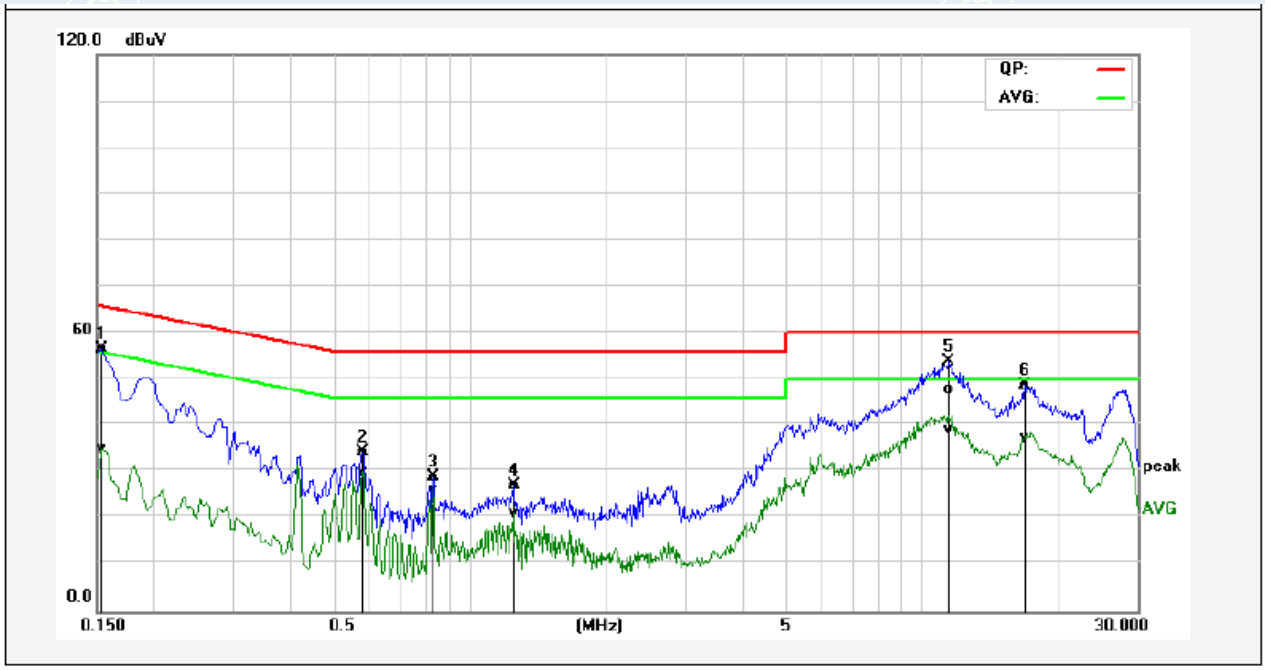


No.	Frequency (MHz)	QuasiPeak reading (dBuV)	Average reading (dBuV)	Correction factor (dB)	QuasiPeak result (dBuV)	Average result (dBuV)	QuasiPeak limit (dBuV)	Average limit (dBuV)	QuasiPeak margin (dB)	Average margin (dB)	Remark
1	0.1500	45.59	21.76	9.53	55.12	31.29	65.99	56.00	-10.87	-24.71	Pass
2	0.5820	27.96	25.88	9.57	37.53	35.45	56.00	46.00	-18.47	-10.55	Pass
3	0.8340	18.66	16.66	9.57	28.23	26.23	56.00	46.00	-27.77	-19.77	Pass
4*	11.3020	39.79	32.40	9.81	49.60	42.21	60.00	50.00	-10.40	-7.79	Pass
5	17.0500	39.34	28.72	9.87	49.21	38.59	60.00	50.00	-10.79	-11.41	Pass
6	27.8500	38.39	27.47	9.92	48.31	37.39	60.00	50.00	-11.69	-12.61	Pass

Note: *L = Live Line*

EUT Name	Wall mount tablet	Model	UCTBWM-15.6
Environmental Conditions	22.5℃/45%RH	Test Mode	Mode 1
Power supply	AC120V/60Hz	Test Engineer	Zeng Xianglong
Test Date	2022-02-14	Sample No.	E202112276794-0001

Line: N



No.	Frequency (MHz)	QuasiPeak reading (dBuV)	Average reading (dBuV)	Correction factor (dB)	QuasiPeak result (dBuV)	Average result (dBuV)	QuasiPeak limit (dBuV)	Average limit (dBuV)	QuasiPeak margin (dB)	Average margin (dB)	Remark
1*	0.1539	46.99	25.35	9.51	56.50	34.86	65.78	55.79	-9.28	-20.93	Pass
2	0.5820	24.65	20.45	9.68	34.33	30.13	56.00	46.00	-21.67	-15.87	Pass
3	0.8340	19.45	16.57	9.64	29.09	26.21	56.00	46.00	-26.91	-19.79	Pass
4	1.2540	17.57	11.59	9.62	27.19	21.21	56.00	46.00	-28.81	-24.79	Pass
5	11.4980	38.17	29.47	9.83	48.00	39.30	60.00	50.00	-12.00	-10.70	Pass
6	16.9260	38.99	27.44	9.91	48.90	37.35	60.00	50.00	-11.10	-12.65	Pass

Note: N = Neutral Line.

6. RADIATED SPURIOUS EMISSIONS

6.1. LIMITS

The maximum emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:

(1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.

(2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.

(3) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.

(4) For transmitters operating in the 5.725-5.85 GHz band: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 25 MHz 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 27 dBm/MHz at the band edge.

The unwanted emissions which fall in Restricted bands shall not exceed the field strength levels specified in the following table:

15.209 Radiated emission limits

Frequency (MHz)	Field Strength(μV/m)	Distance(m)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

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6.2. TEST PROCEDURES

a. EUT was placed on a turn table, which is 0.8 meter high above ground for below 1GHz test, and which is 1.5 meter high above ground for above 1GHz test.
b. EUT is set 3 meters away from the receiving antenna, which is mounted on a antenna tower.
c. Set the EUT transmit continuously with maximum output power.
d. The turn table can rotate 360 degrees to determine the position of the maximum emission level.
e. The antenna can be moved up and down between 1 meter and 4 meters to find out the maximum emission level. Both horizontal and vertical polarization of the antenna are set on test.
f. Spectrum analyzer setting parameters please see the below table.
g. Repeat above procedures until all channels were measured.
h. Record the results in the test report.

For 9kHz-150kHz

Spectrum Parameters	Setting
RBW	300Hz(for Peak&AVG)/CISPR 200Hz(for QP)
VBW	300Hz(for Peak&AVG)/CISPR 200Hz(for QP)
Start frequency	9kHz
Stop frequency	150kHz
Sweep Time	Auto
Detector	PEAK/QP/AVG
Trace Mode	Max Hold

Note : For 9kHz-90kHz&110kHz-150kHz,the detector is average,other frequency is CISPR QP detector.

For 150kHz-30MHz

Spectrum Parameters	Setting
RBW	9kHz
VBW	9kHz
Start frequency	150kHz
Stop frequency	30MHz
Sweep Time	Auto
Detector	QP
Trace Mode	Max Hold

Note : For 150kHz-490kHz,the detector is average,other frequency is CISPR QP detector.

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For 30MHz-1GHz

Spectrum Parameters	Setting
RBW	120kHz
VBW	300kHz
Start frequency	30MHz
Stop frequency	1GHz
Sweep Time	Auto
Detector	QP
Trace Mode	Max Hold

For Above 1GHz

Spectrum Parameters	Setting	
RBW	1MHz	
VBW	PEAK Measurement	AVG Measurement
	3MHz	Duty cycle≥98%,VBW=10Hz Duty cycle＜98%,VBW≥1/T Video bandwidth mode=RMS (power averaging)
Start frequency	1GHz	
Stop frequency	40GHz	
Sweep Time	Auto	
Detector	PEAK	
Trace Mode	Max Hold	

Note :

(1) T is the on-time time of the duty cycle,when EUT transmit continuously with maximum output power,unit is seconds. reference section 2.8 for the on-time time.

(2) Convert the resultant EIRP level to an equivalent electric field strength using the following relationship:
E = EIRP – 20log D + 104.8
where:
E = electric field strength in dBμV/m,
EIRP = equivalent isotropic radiated power in dBm
D = specified measurement distance in meters.
So: E= -27 – 20log 3 + 104.8=68.3 (dBμV/m).

(3) The unwanted emissions which fall in Restricted bands shall not exceed the field strength ,Above 18G test distance is 1m, so the Peak Limit=74+20*log(3/1)=83.54 (dBμV/m).
The Avg Limit=54+20*log(3/1)=63.54 (dBμV/m).

(4) The maximum emissions of the operation frequency bands ,Above 18G test distance is 1m, so the Peak Limit=68.3+20*log(3/1)=77.84 (dBμV/m).

---------- **The following blanks** ----------

6.3. TEST SETUP

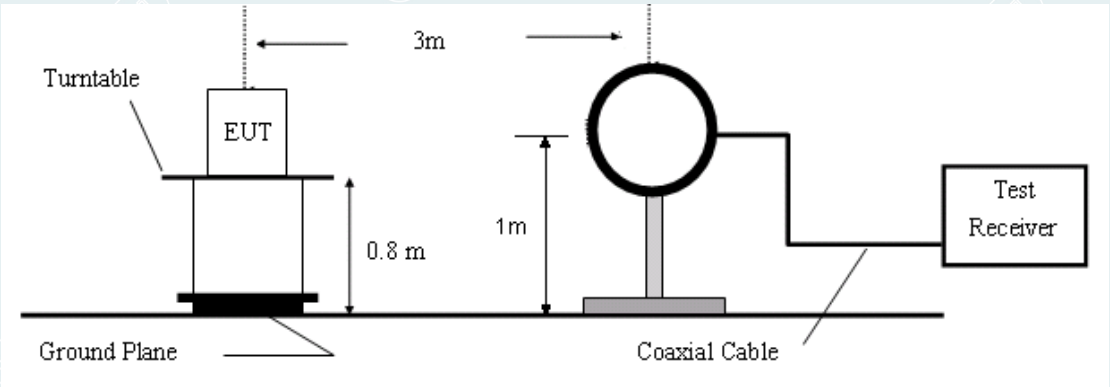


Figure 1. 9kHz to 30MHz radiated emissions test configuration

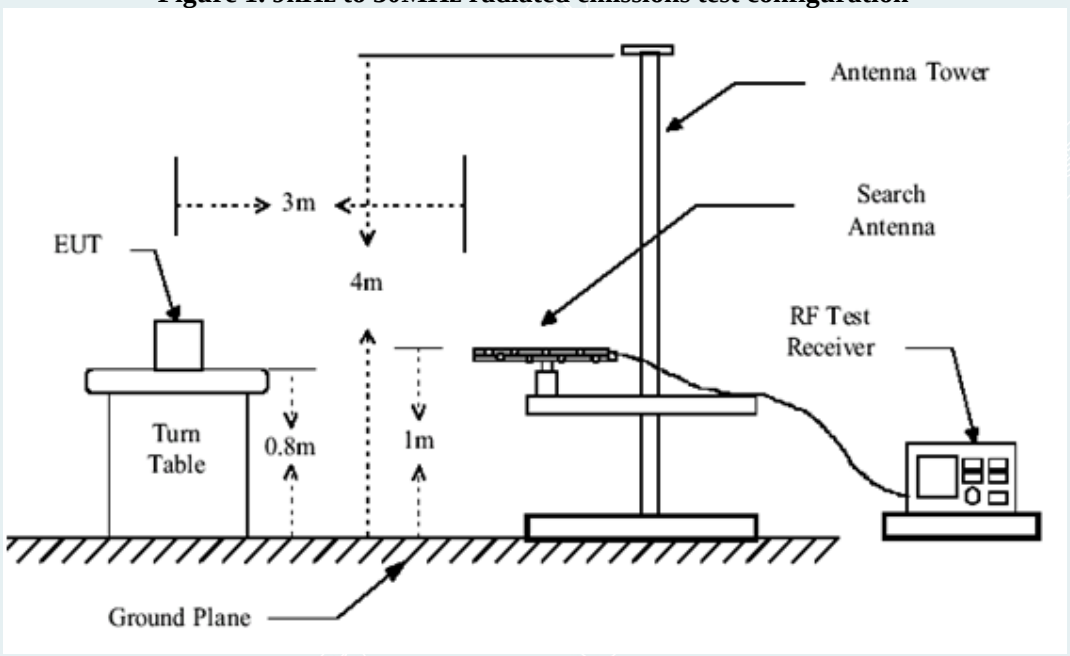


Figure 2. 30MHz to 1GHz radiated emissions test configuration

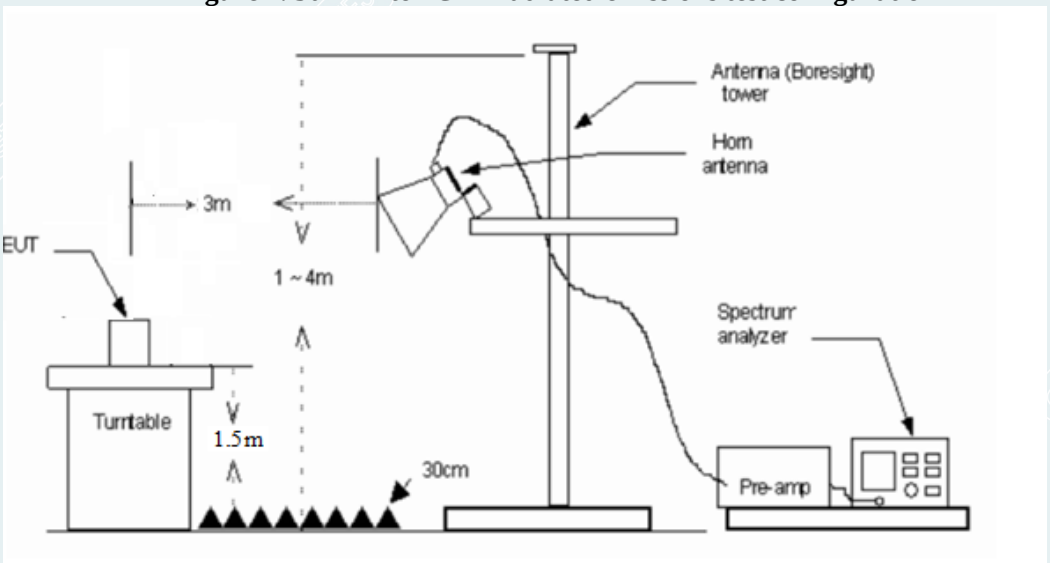


Figure 3. 1GHz-18GHz radiated emissions test configuration

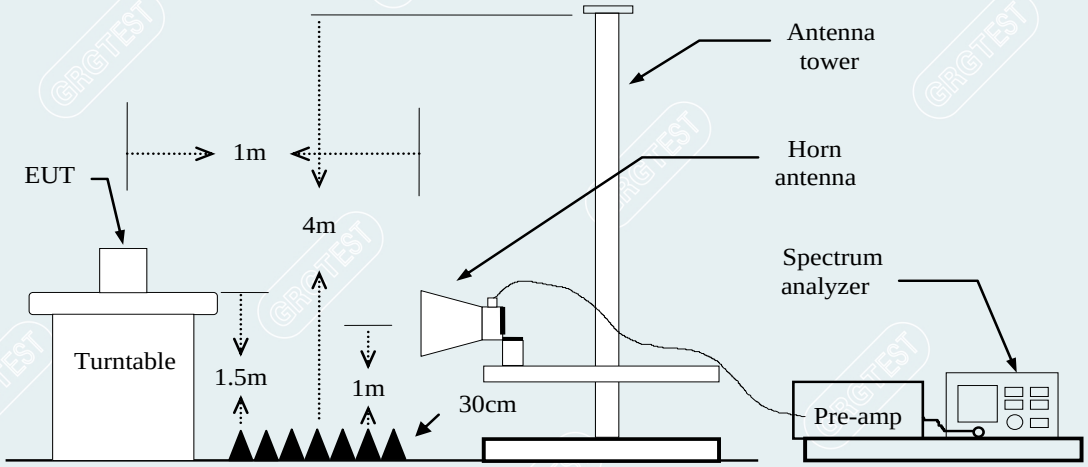


Figure 4. Above 18GHz radiated emissions test configuration

6.4. DATA SAMPLE

30MHz to 1GHz

No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark	Pole
xxx	xxx	37.06	-15.48	21.58	40.00	-18.42	QP	Vertical

1GHz-18GHz

No.	Frequency (MHz)	Reading (dBuV/m)	Level (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Remark	Pole
xxx	xxx	49.66	53.43	3.77	74.00	20.57	peak	Vertical
xxx	xxx	34.98	38.75	3.77	54.00	15.25	AVG	Vertical

Above 18GHz

No.	Frequency (MHz)	Reading (dBuV/m)	Level (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Remark	Pole
xxx	xxx	59.22	58.58	-0.64	83.54	24.96	peak	Vertical
xxx	xxx	53.01	52.37	-0.64	63.54	11.17	AVG	Vertical

Frequency (MHz) = Emission frequency in MHz

Ant.Pol. (H/V) = Antenna polarization

Reading (dBuV) = Uncorrected Analyzer / Receiver reading

Correction Factor (dB/m) = Antenna factor + Cable loss – Amplifier gain

Result (dBuV/m) = Reading (dBuV) + Correction Factor (dB/m)

Limit (dBuV/m) = Limit stated in standard

Margin (dB) = Remark Result (dBuV/m) – Limit (dBuV/m)

Peak = Peak Reading

QP = Quasi-peak Reading

AVG = Average Reading

6.5. TEST RESULTS

Below 1GHz

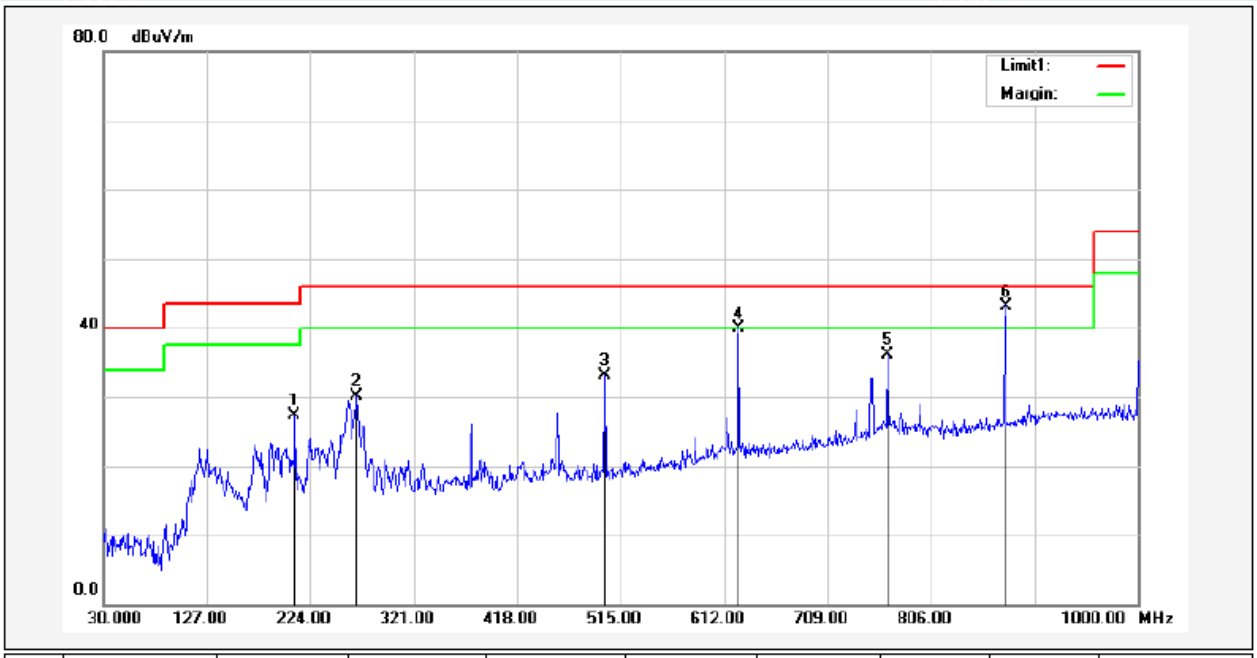
All models were pretested and only the worst case were recorded in this report. (IEEE 802.11ac VHT40)

Mode: Mode 1/ IEEE 802.11ac VHT40 Frequency :5190MHz

Temp. /Hum.: 25.1℃ / 55 %RH Power supply:AC 120V/60Hz

Test Engineer: Tang Shenghui Test Date: 2022-01-06

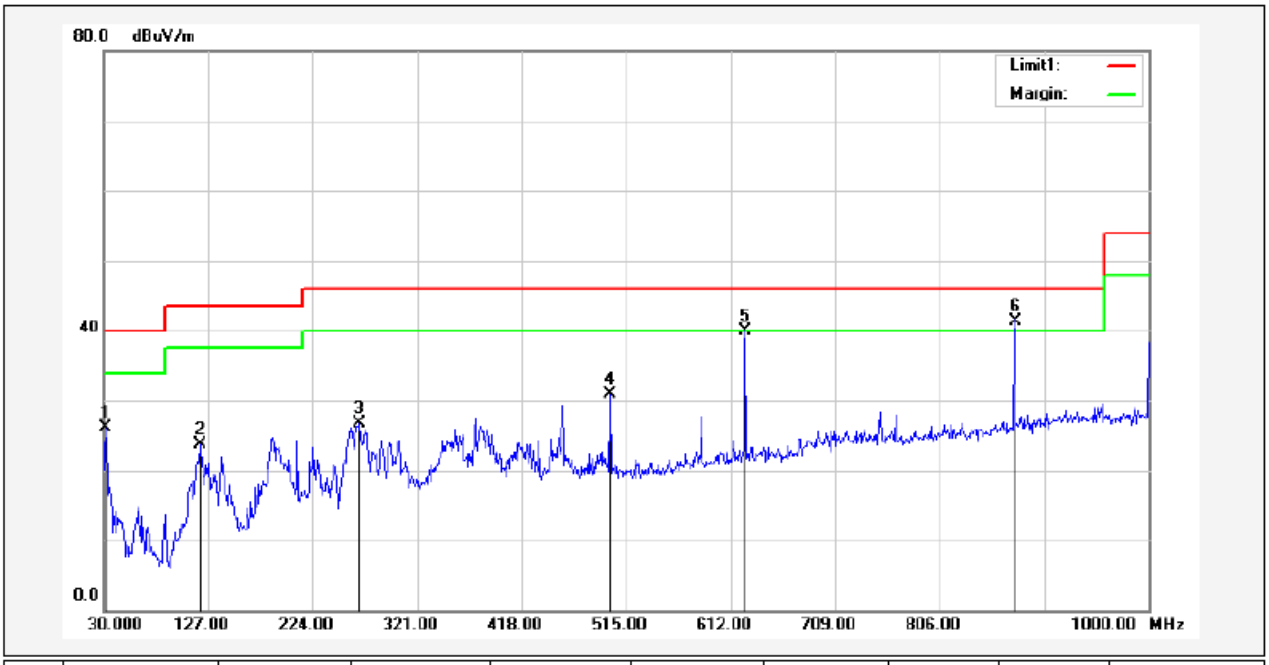
Probe : Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over (dB)	Degree (deg.)	Height (cm)	Remark
1	209.4500	54.23	-26.88	27.35	43.50	-16.15	167	100	QP
2	267.6500	54.42	-24.29	30.13	46.00	-15.87	215	100	QP
3	500.4500	50.42	-17.30	33.12	46.00	-12.88	314	200	QP
4	625.5800	53.95	-14.05	39.90	46.00	-6.10	316	100	QP
5	765.2600	47.56	-11.44	36.12	46.00	-9.88	0	102	QP
6*	875.8400	53.06	-9.86	43.20	46.00	-2.80	253	100	QP

Mode: Mode 1/ IEEE 802.11ac VHT40 Frequency :5190MHz
Temp. /Hum.: 25.1℃ / 55 %RH Power supply:AC 120V/60Hz
Test Engineer: Tang Shenghui Test Date: 2022-01-06

Probe : Vertical

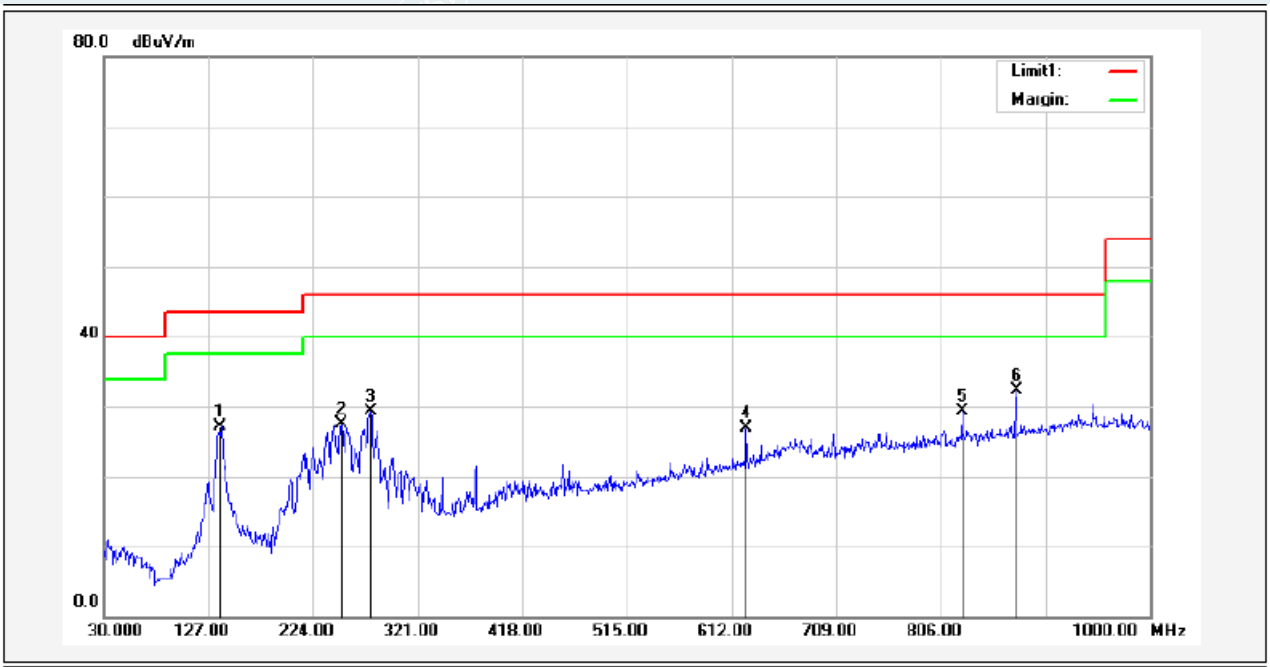


No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over (dB)	Degree (deg.)	Height (cm)	Remark
1	31.9400	54.02	-27.83	26.19	40.00	-13.81	267	100	QP
2	119.2400	50.41	-26.77	23.64	43.50	-19.86	360	102	QP
3	267.6500	51.01	-24.29	26.72	46.00	-19.28	215	100	QP
4	500.4500	48.22	-17.30	30.92	46.00	-15.08	191	100	QP
5	625.5800	53.95	-14.05	39.90	46.00	-6.10	28	100	QP
6*	875.8400	51.26	-9.86	41.40	46.00	-4.60	169	100	QP

Mode: Mode 1/ IEEE 802.11ac VHT40
Temp. /Hum.: 24.2 ℃ / 48%RH
Test Engineer: Zeng Xianglong

Frequency :5230MHz
Power supply:AC 120V/60Hz
Test Date: 2022-03-22

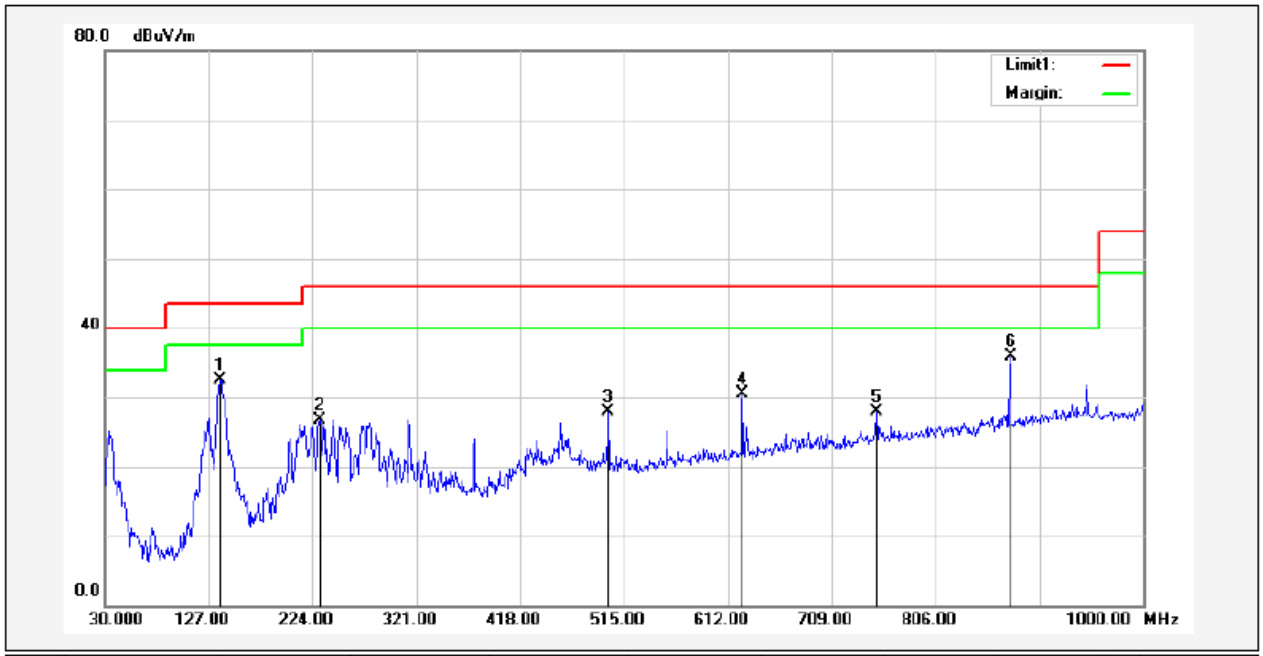
Probe : Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over (dB)	Degree (deg.)	Height (cm)	Remark
1	138.6400	52.14	-24.99	27.15	43.50	-16.35	113	300	QP
2	250.1900	52.35	-24.92	27.43	46.00	-18.57	100	100	QP
3	277.3500	53.16	-23.93	29.23	46.00	-16.77	120	100	QP
4	625.5800	40.91	-14.05	26.86	46.00	-19.14	290	200	QP
5	825.4000	39.81	-10.60	29.21	46.00	-16.79	135	100	QP
6*	875.8400	42.12	-9.86	32.26	46.00	-13.74	237	200	QP

Mode: Mode 1/ IEEE 802.11ac VHT40 Frequency :5230MHz
Temp. /Hum.: 24.2 ℃ / 48%RH Power supply:AC 120V/60Hz
Test Engineer: Zeng Xianglong Test Date: 2022-03-22

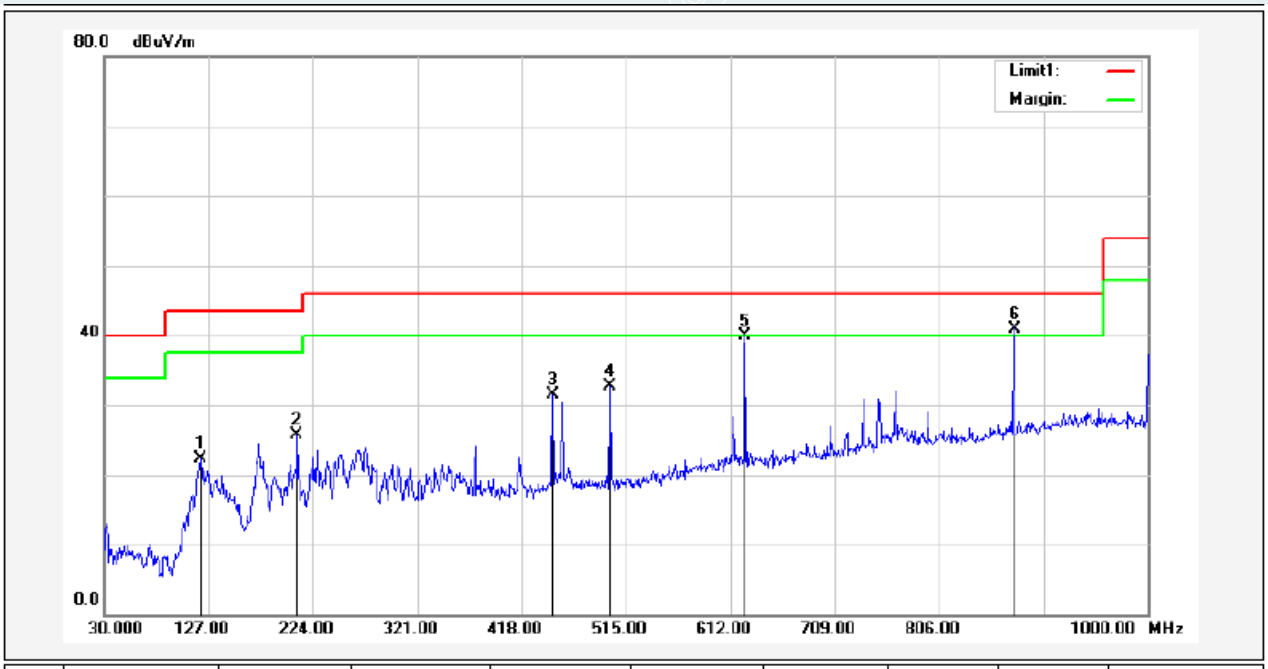
Probe : Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over (dB)	Degree (deg.)	Height (cm)	Remark
1	137.6700	57.52	-25.06	32.46	43.50	-11.04	258	100	QP
2	230.7900	52.63	-25.86	26.77	46.00	-19.23	243	100	QP
3	500.4500	45.27	-17.30	27.97	46.00	-18.03	2	100	QP
4	625.5800	44.54	-14.05	30.49	46.00	-15.51	324	100	QP
5	750.7100	39.48	-11.65	27.83	46.00	-18.17	174	100	QP
6*	875.8400	45.84	-9.86	35.98	46.00	-10.02	167	200	QP

Mode: Mode 1/ IEEE 802.11ac VHT40 Frequency :5755MHz
Temp. /Hum.: 25.1℃ / 55 %RH Power supply:AC 120V/60Hz
Test Engineer: Tang Shenghui Test Date: 2022-01-06

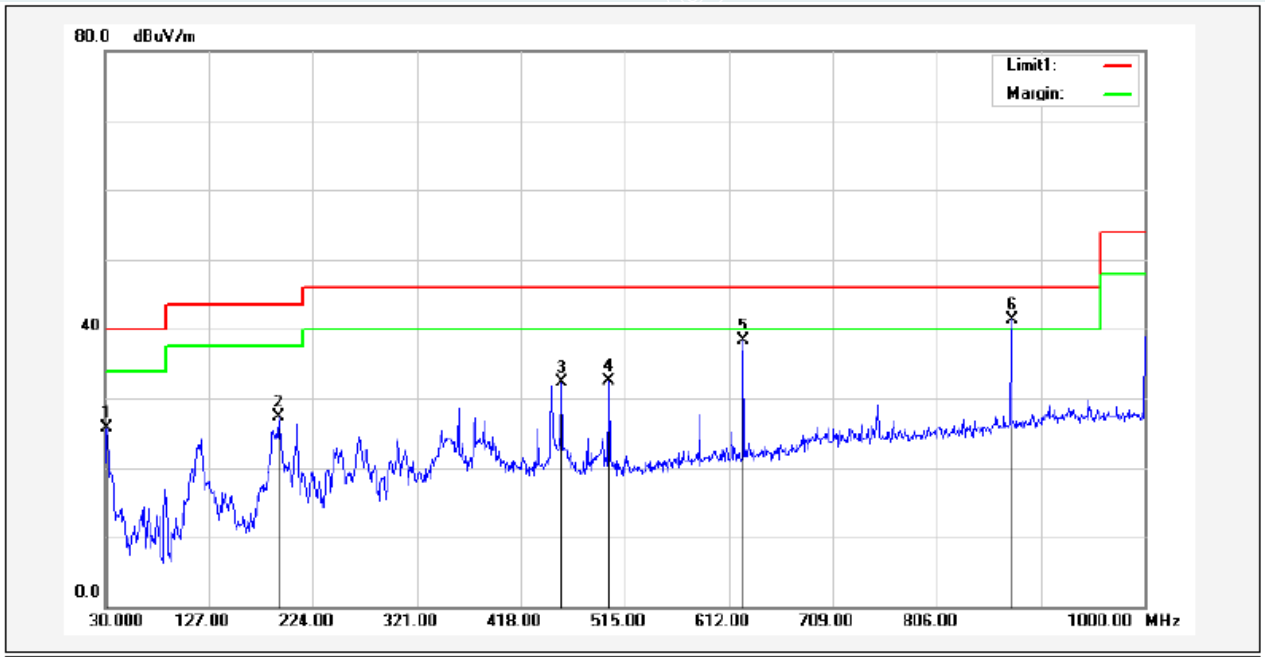
Probe : Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over (dB)	Degree (deg.)	Height (cm)	Remark
1	120.2100	48.99	-26.69	22.30	43.50	-21.20	360	239	QP
2	209.4500	52.65	-26.88	25.77	43.50	-17.73	143	100	QP
3	447.1000	49.81	-18.28	31.53	46.00	-14.47	69	200	QP
4	500.4500	50.09	-17.30	32.79	46.00	-13.21	305	200	QP
5	625.5800	54.05	-14.05	40.00	46.00	-6.00	317	100	QP
6*	875.8400	50.86	-9.86	41.00	46.00	-5.00	123	100	QP

Mode: Mode 1/ IEEE 802.11ac VHT40 Frequency :5755MHz
Temp. /Hum.: 25.1℃ / 55 %RH Power supply:AC 120V/60Hz
Test Engineer: Tang Shenghui Test Date: 2022-01-06

Probe : Vertical

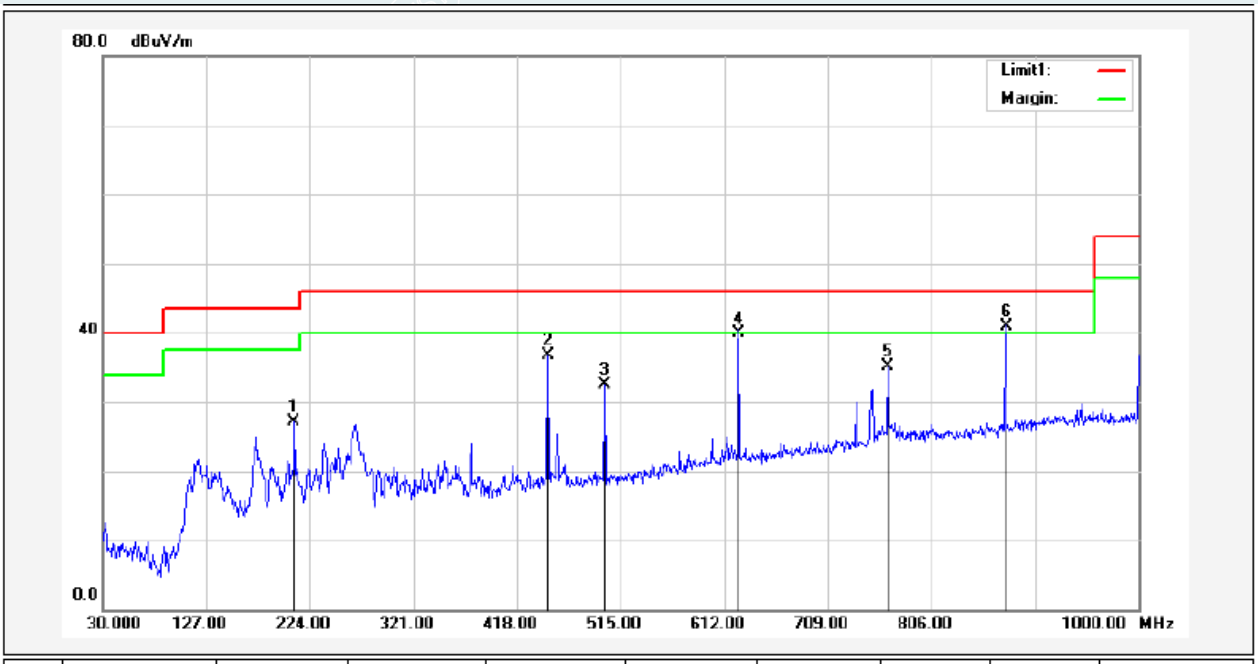


No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over (dB)	Degree (deg.)	Height (cm)	Remark
1	31.9400	53.61	-27.83	25.78	40.00	-14.22	263	100	QP
2	191.9900	53.94	-26.69	27.25	43.50	-16.25	329	100	QP
3	455.8300	50.31	-18.08	32.23	46.00	-13.77	10	100	QP
4	500.4500	49.83	-17.30	32.53	46.00	-13.47	207	100	QP
5	625.5800	52.30	-14.05	38.25	46.00	-7.75	30	100	QP
6*	875.8400	51.16	-9.86	41.30	46.00	-4.70	176	100	QP

Mode: Mode 1/ IEEE 802.11ac VHT40
Temp. /Hum.: 25.1℃ / 55 %RH
Test Engineer: Tang Shenghui

Frequency :5795MHz
Power supply:AC 120V/60Hz
Test Date: 2022-01-06

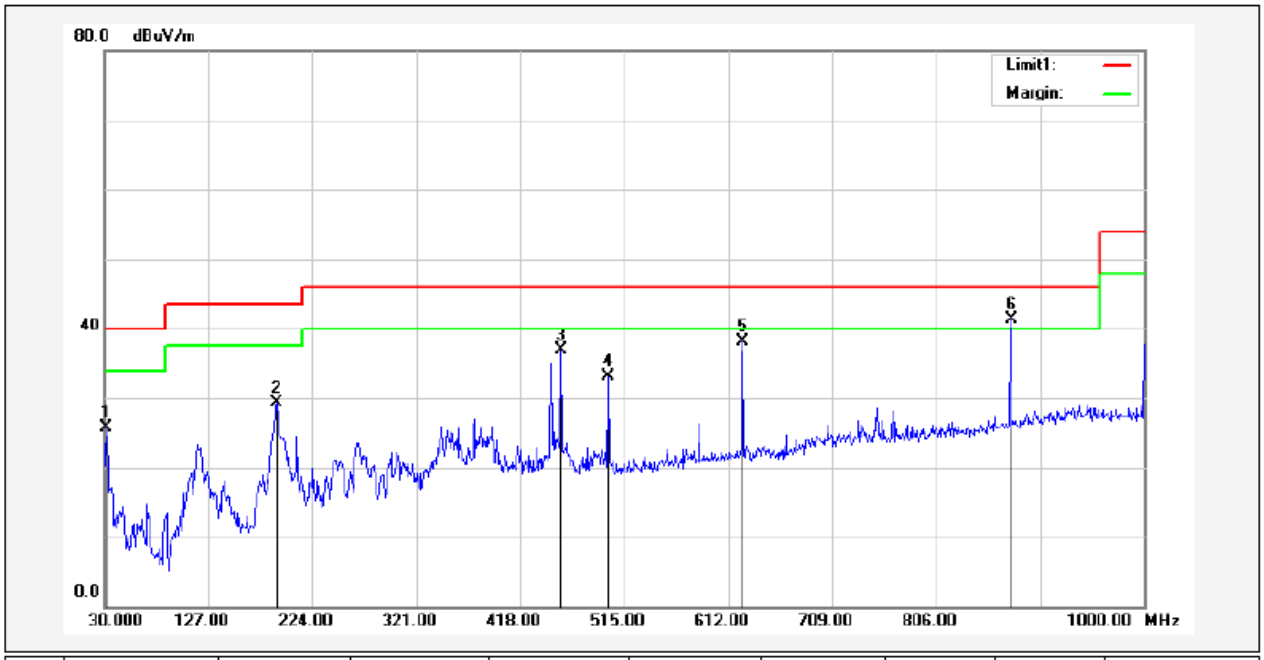
Probe : Horizontal



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over (dB)	Degree (deg.)	Height (cm)	Remark
1	209.4500	53.90	-26.88	27.02	43.50	-16.48	211	100	QP
2	447.1000	55.01	-18.28	36.73	46.00	-9.27	98	200	QP
3	500.4500	49.82	-17.30	32.52	46.00	-13.48	307	200	QP
4	625.5800	54.05	-14.05	40.00	46.00	-6.00	308	100	QP
5	765.2600	46.48	-11.44	35.04	46.00	-10.96	356	100	QP
6*	875.8400	50.86	-9.86	41.00	46.00	-5.00	129	100	QP

Mode: Mode 1/ IEEE 802.11ac VHT40 Frequency :5795MHz
Temp. /Hum.: 25.1℃ / 55 %RH Power supply:AC 120V/60Hz
Test Engineer: Tang Shenghui Test Date: 2022-01-06

Probe : Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Over (dB)	Degree (deg.)	Height (cm)	Remark
1	31.9400	53.45	-27.83	25.62	40.00	-14.38	112	200	QP
2	191.0200	55.93	-26.60	29.33	43.50	-14.17	112	100	QP
3	455.8300	55.05	-18.08	36.97	46.00	-9.03	228	100	QP
4	500.4500	50.34	-17.30	33.04	46.00	-12.96	204	100	QP
5	625.5800	52.19	-14.05	38.14	46.00	-7.86	33	100	QP
6*	875.8400	51.26	-9.86	41.40	46.00	-4.60	175	100	QP

Remark:

1 No emission found between lowest internal used/generated frequency to 30MHz.
2 Radiated emissions measured in frequency range from 9 kHz to 1GHz were made with an instrument using Quasi-peak detector mode.
3 Data of measurement within this frequency range shown "---" in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
4 The IF bandwidth of Receiver between 30MHz to 1GHz was 120 kHz.

According to C63.10, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement, so AV emission value did not show in below table if the peak value complies with average limit.

1GHz-18GHz

Mode: Mode 1/ IEEE 802.11a
Frequency :5180MHz
Temp. /Hum.:25℃/60%RH
Power supply:AC 120V/60Hz
Test Engineer: Lu Qiang
Test Date: 2022-01-05

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1368.4000	67.06	43.41	-23.65	74.00	30.59	200	212	Horizontal
2	1616.2000	61.07	38.28	-22.79	74.00	35.72	200	123	Horizontal
3	2280.4000	63.71	43.47	-20.24	74.00	30.53	200	192	Horizontal
4	4100.8000	55.27	42.60	-12.67	74.00	31.40	200	233	Horizontal
5	7944.9000	48.12	46.25	-1.87	68.30	22.05	200	251	Horizontal
6	10308.8000	45.38	48.17	2.79	68.30	20.13	100	120	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1368.4000	71.69	48.04	-23.65	74.00	25.96	200	4	Vertical
2	1625.2000	63.27	40.55	-22.72	74.00	33.45	100	358	Vertical
3	2276.8000	63.02	42.75	-20.27	74.00	31.25	100	14	Vertical
4	3194.2000	60.83	44.05	-16.78	68.30	24.25	200	342	Vertical
5	4108.6000	56.13	43.42	-12.71	74.00	30.58	100	144	Vertical
6	7929.5000	48.59	46.41	-2.18	68.30	21.89	100	236	Vertical

---------- The following blanks ----------

Mode: Mode 1/ IEEE 802.11a
Temp. /Hum.:25℃/60%RH
Test Engineer: Lu Qiang

Frequency :5200MHz
Power supply:AC 120V/60Hz
Test Date: 2022-01-05

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1368.4000	67.89	44.24	-23.65	74.00	29.76	200	205	Horizontal
2	1618.6000	61.03	38.26	-22.77	74.00	35.74	200	131	Horizontal
3	2279.2000	62.20	41.95	-20.25	74.00	32.05	100	185	Horizontal
4	3194.8000	56.06	39.29	-16.77	68.30	29.01	100	124	Horizontal
5	4106.2000	56.24	43.54	-12.70	74.00	30.46	200	131	Horizontal
6	9324.3000	46.64	47.24	0.60	74.00	26.76	200	59	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1368.4000	71.04	47.39	-23.65	74.00	26.61	200	34	Vertical
2	1614.4000	63.57	40.76	-22.81	74.00	33.24	100	358	Vertical
3	2281.0000	64.17	43.93	-20.24	74.00	30.07	100	21	Vertical
4	3196.6000	61.33	44.60	-16.73	68.30	23.70	200	336	Vertical
5	4100.2000	54.48	41.81	-12.67	74.00	32.19	200	138	Vertical
6	10113.0000	45.82	48.09	2.27	68.30	20.21	200	216	Vertical

---------- The following blanks ----------

Mode: Mode 1/ IEEE 802.11a
Temp. /Hum.:25℃/60%RH
Test Engineer: Lu Qiang

Frequency :5240MHz
Power supply:AC 120V/60Hz
Test Date: 2022-01-05

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1368.4000	67.89	44.24	-23.65	74.00	29.76	200	308	Horizontal
2	1729.0000	59.25	36.84	-22.41	68.30	31.46	100	1	Horizontal
3	2280.4000	63.85	43.61	-20.24	74.00	30.39	200	192	Horizontal
4	3200.8000	55.39	38.72	-16.67	68.30	29.58	200	76	Horizontal
5	4104.4000	56.28	43.59	-12.69	74.00	30.41	200	144	Horizontal
6	7929.5000	48.66	46.48	-2.18	68.30	21.82	200	292	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1139.8000	65.36	40.71	-24.65	74.00	33.29	200	9	Vertical
2	1368.4000	71.58	47.93	-23.65	74.00	26.07	200	29	Vertical
3	1625.2000	62.85	40.13	-22.72	74.00	33.87	100	8	Vertical
4	2275.6000	64.26	43.98	-20.28	74.00	30.02	100	14	Vertical
5	3193.6000	61.67	44.88	-16.79	68.30	23.42	200	343	Vertical
6	8911.8000	47.29	47.09	-0.20	68.30	21.21	100	223	Vertical

---------- The following blanks ----------

Mode: Mode 1/ IEEE 802.11a
Temp. /Hum.:25℃/60%RH
Test Engineer: Lu Qiang

Frequency:5745MHz
Power supply:AC 120V/60Hz
Test Date: 2022-01-06

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1368.4000	68.74	45.09	-23.65	74.00	28.91	200	201	Horizontal
2	1619.2000	61.20	38.43	-22.77	74.00	35.57	200	119	Horizontal
3	2280.4000	63.07	42.83	-20.24	74.00	31.17	100	83	Horizontal
4	2599.6000	58.62	39.31	-19.31	68.30	28.99	200	4	Horizontal
5	4100.8000	55.42	42.75	-12.67	74.00	31.25	200	154	Horizontal
6	8903.0000	47.52	47.45	-0.07	68.30	20.85	100	222	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1368.4000	70.96	47.31	-23.65	74.00	26.69	200	34	Vertical
2	1614.4000	63.43	40.62	-22.81	74.00	33.38	100	360	Vertical
3	2280.4000	63.73	43.49	-20.24	74.00	30.51	100	14	Vertical
4	3192.4000	60.77	43.95	-16.82	68.30	24.35	200	336	Vertical
5	4106.2000	54.45	41.75	-12.70	74.00	32.25	200	137	Vertical
6	8218.8000	48.93	47.27	-1.66	74.00	26.73	100	216	Vertical

---------- The following blanks ----------

Mode: Mode 1/ IEEE 802.11a
Temp. /Hum.:25℃/60%RH
Test Engineer: Lu Qiang

Frequency:5785MHz
Power supply:AC 120V/60Hz
Test Date: 2022-01-06

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1368.4000	68.72	45.07	-23.65	74.00	28.93	200	205	Horizontal
2	1616.2000	60.27	37.48	-22.79	74.00	36.52	200	131	Horizontal
3	2280.4000	63.54	43.30	-20.24	74.00	30.70	200	192	Horizontal
4	3191.2000	56.28	39.44	-16.84	68.30	28.86	200	76	Horizontal
5	4107.4000	55.02	42.32	-12.70	74.00	31.68	200	233	Horizontal
6	8903.0000	47.95	47.88	-0.07	68.30	20.42	100	154	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1140.4000	65.80	41.15	-24.65	74.00	32.85	200	360	Vertical
2	1368.4000	70.84	47.19	-23.65	74.00	26.81	200	28	Vertical
3	1615.6000	63.21	40.41	-22.80	74.00	33.59	100	355	Vertical
4	2281.0000	63.22	42.98	-20.24	74.00	31.02	100	21	Vertical
5	3192.4000	60.48	43.66	-16.82	68.30	24.64	100	336	Vertical
6	8316.7000	48.05	46.54	-1.51	74.00	27.46	100	244	Vertical

---------- The following blanks ----------

Mode: Mode 1/ IEEE 802.11a
Temp. /Hum.:25℃/60%RH
Test Engineer: Lu Qiang

Frequency :5825MHz
Power supply:AC 120V/60Hz
Test Date: 2022-01-06

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1368.4000	71.34	47.69	-23.65	74.00	26.31	200	301	Horizontal
2	1613.2000	61.10	38.28	-22.82	74.00	35.72	200	124	Horizontal
3	2285.8000	63.01	42.81	-20.20	74.00	31.19	100	192	Horizontal
4	3193.6000	57.25	40.46	-16.79	68.30	27.84	100	199	Horizontal
5	4103.2000	56.15	43.47	-12.68	74.00	30.53	200	151	Horizontal
6	8899.7000	47.34	47.30	-0.04	68.30	21.00	200	24	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1368.4000	72.78	49.13	-23.65	74.00	24.87	200	350	Vertical
2	1625.2000	63.06	40.34	-22.72	74.00	33.66	100	358	Vertical
3	2281.0000	63.69	43.45	-20.24	74.00	30.55	100	21	Vertical
4	3190.6000	60.78	43.92	-16.86	68.30	24.38	200	336	Vertical
5	4100.8000	54.96	42.29	-12.67	74.00	31.71	100	144	Vertical
6	8900.8000	47.69	47.65	-0.04	68.30	20.65	100	346	Vertical

---------- The following blanks ----------

Mode: Mode 1/ IEEE 802.11n HT20 Frequency :5180MHz
Temp. /Hum.:25℃/60%RH Power supply:AC 120V/60Hz
Test Engineer: Lu Qiang Test Date: 2022-01-06

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1368.2500	66.96	43.31	-23.65	74.00	30.69	200	299	Horizontal
2	1710.2500	60.57	38.19	-22.38	68.30	30.11	200	75	Horizontal
3	2276.5000	64.41	44.13	-20.28	74.00	29.87	100	184	Horizontal
4	3190.7500	58.87	42.02	-16.85	68.30	26.28	100	83	Horizontal
5	4108.0000	57.55	44.85	-12.70	74.00	29.15	200	143	Horizontal
6	9193.1250	49.02	49.57	0.55	74.00	24.43	200	168	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1368.2500	72.13	48.48	-23.65	74.00	25.52	100	10	Vertical
2	2283.2500	66.64	46.42	-20.22	74.00	27.58	100	16	Vertical
3	3190.7500	63.10	46.25	-16.85	68.30	22.05	200	333	Vertical
4	4103.5000	57.80	45.12	-12.68	74.00	28.88	100	136	Vertical
5	7159.5000	50.22	46.79	-3.43	68.30	21.51	200	177	Vertical
6	9176.6250	47.70	48.26	0.56	74.00	25.74	200	177	Vertical

---------- The following blanks ----------

Mode: Mode 1/ IEEE 802.11n HT20 Frequency :5200MHz
Temp. /Hum.:25℃/60%RH Power supply:AC 120V/60Hz
Test Engineer: Lu Qiang Test Date: 2022-01-06

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1368.2500	68.16	44.51	-23.65	74.00	29.49	100	225	Horizontal
2	2281.7500	64.79	44.56	-20.23	74.00	29.44	200	168	Horizontal
3	3189.2500	58.62	41.73	-16.89	68.30	26.57	100	117	Horizontal
4	4095.2500	56.49	43.72	-12.77	74.00	30.28	200	141	Horizontal
5	7690.2500	49.62	47.12	-2.50	74.00	26.88	100	351	Horizontal
6	11477.0000	45.66	50.56	4.90	74.00	23.44	200	358	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1140.2500	65.88	41.23	-24.65	74.00	32.77	200	0	Vertical
2	1368.2500	71.52	47.87	-23.65	74.00	26.13	100	359	Vertical
3	1600.0000	64.94	42.02	-22.92	74.00	31.98	200	2	Vertical
4	2280.2500	64.31	44.06	-20.25	74.00	29.94	100	23	Vertical
5	3193.0000	62.90	46.09	-16.81	68.30	22.21	200	333	Vertical
6	7717.7500	49.39	47.04	-2.35	74.00	26.96	200	170	Vertical

---------- The following blanks ----------

Mode: Mode 1/ IEEE 802.11n HT20
Temp. /Hum.:25℃/60%RH
Test Engineer: Lu Qiang

Frequency :5240MHz
Power supply:AC 120V/60Hz
Test Date: 2022-01-06

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1366.7500	68.51	44.85	-23.66	74.00	29.15	200	131	Horizontal
2	2275.7500	65.41	45.13	-20.28	74.00	28.87	200	170	Horizontal
3	3195.2500	58.20	41.44	-16.76	68.30	26.86	100	77	Horizontal
4	4106.5000	57.51	44.81	-12.70	74.00	29.19	200	223	Horizontal
5	7937.7500	50.00	47.98	-2.02	68.30	20.32	200	41	Horizontal
6	11389.0000	46.45	51.14	4.69	74.00	22.86	200	312	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1369.0000	71.77	48.12	-23.65	74.00	25.88	100	4	Vertical
2	1620.2500	63.86	41.10	-22.76	74.00	32.90	100	356	Vertical
3	1735.7500	59.42	37.00	-22.42	68.30	31.30	100	34	Vertical
4	2282.5000	65.56	45.33	-20.23	74.00	28.67	100	20	Vertical
5	3196.0000	63.28	46.54	-16.74	68.30	21.76	100	169	Vertical
6	4109.5000	56.81	44.10	-12.71	74.00	29.90	200	125	Vertical

---------- The following blanks ----------

Mode: Mode 1/ IEEE 802.11n HT20 Frequency :5745MHz
Temp. /Hum.:25℃/60%RH Power supply:AC 120V/60Hz
Test Engineer: Lu Qiang Test Date: 2022-01-06

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1000.0000	64.59	39.43	-25.16	74.00	34.57	200	79	Horizontal
2	1368.2500	67.41	43.76	-23.65	74.00	30.24	200	137	Horizontal
3	2280.2500	65.92	45.67	-20.25	74.00	28.33	200	169	Horizontal
4	3199.0000	59.76	43.08	-16.68	68.30	25.22	100	118	Horizontal
5	4105.7500	56.59	43.90	-12.69	74.00	30.10	200	105	Horizontal
6	8793.0000	50.09	49.08	-1.01	68.30	19.22	100	265	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1368.2500	71.65	48.00	-23.65	74.00	26.00	100	5	Vertical
2	1617.2500	63.56	40.77	-22.79	74.00	33.23	100	346	Vertical
3	2280.2500	65.74	45.49	-20.25	74.00	28.51	100	16	Vertical
4	3196.0000	62.69	45.95	-16.74	68.30	22.35	200	341	Vertical
5	4103.5000	56.93	44.25	-12.68	74.00	29.75	100	137	Vertical
6	8302.1250	49.36	47.76	-1.60	74.00	26.24	100	269	Vertical

---------- The following blanks ----------

Mode: Mode 1/ IEEE 802.11n HT20
Temp. /Hum.:25℃/60%RH
Test Engineer: Lu Qiang

Frequency :5785MHz
Power supply:AC 120V/60Hz
Test Date: 2022-01-06

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1368.2500	69.02	45.37	-23.65	74.00	28.63	100	144	Horizontal
2	2280.2500	64.07	43.82	-20.25	74.00	30.18	100	191	Horizontal
3	2599.0000	61.01	41.71	-19.30	68.30	26.59	200	29	Horizontal
4	3188.5000	57.61	40.71	-16.90	68.30	27.59	100	77	Horizontal
5	4097.5000	57.61	44.89	-12.72	74.00	29.11	200	150	Horizontal
6	9187.6250	48.46	49.01	0.55	74.00	24.99	100	359	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1364.5000	70.60	46.93	-23.67	74.00	27.07	200	31	Vertical
2	1620.2500	63.92	41.16	-22.76	74.00	32.84	100	359	Vertical
3	2275.7500	64.90	44.62	-20.28	74.00	29.38	100	16	Vertical
4	3192.2500	62.80	45.98	-16.82	68.30	22.32	200	333	Vertical
5	4109.5000	56.51	43.80	-12.71	74.00	30.20	200	11	Vertical
6	7720.5000	50.20	47.87	-2.33	74.00	26.13	200	256	Vertical

---------- The following blanks ----------

Mode: Mode 1/ IEEE 802.11n HT20
Temp. /Hum.:25℃/60%RH
Test Engineer: Lu Qiang

Frequency :5825MHz
Power supply:AC 120V/60Hz
Test Date: 2022-01-06

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1368.2500	67.55	43.90	-23.65	74.00	30.10	100	237	Horizontal
2	1615.0000	61.05	38.25	-22.80	74.00	35.75	200	76	Horizontal
3	2284.7500	64.33	44.12	-20.21	74.00	29.88	200	177	Horizontal
4	3187.7500	59.02	42.10	-16.92	68.30	26.20	100	122	Horizontal
5	4107.2500	57.96	45.26	-12.70	74.00	28.74	200	150	Horizontal
6	7163.6250	50.67	47.20	-3.47	68.30	21.10	100	96	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1140.2500	68.46	43.81	-24.65	74.00	30.19	200	1	Vertical
2	1369.0000	72.91	49.26	-23.65	74.00	24.74	200	345	Vertical
3	1624.7500	64.78	42.05	-22.73	74.00	31.95	100	1	Vertical
4	2285.5000	64.79	44.59	-20.20	74.00	29.41	100	13	Vertical
5	3190.0000	62.44	45.57	-16.87	68.30	22.73	200	338	Vertical
6	4108.7500	56.56	43.85	-12.71	74.00	30.15	200	128	Vertical

---------- The following blanks ----------

Mode: Mode 1/ IEEE 802.11n HT40
Temp. /Hum.:25℃/60%RH
Test Engineer: Lu Qiang

Frequency :5190MHz
Power supply:AC 120V/60Hz
Test Date: 2022-01-06

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1368.2500	67.47	43.82	-23.65	74.00	30.18	100	148	Horizontal
2	2275.7500	64.86	44.58	-20.28	74.00	29.42	200	176	Horizontal
3	3193.0000	58.17	41.36	-16.81	68.30	26.94	100	121	Horizontal
4	4103.5000	58.27	45.59	-12.68	74.00	28.41	200	149	Horizontal
5	7732.8750	49.96	47.71	-2.25	74.00	26.29	200	238	Horizontal
6	9505.2500	47.98	48.82	0.84	68.30	19.48	200	356	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1125.2500	66.33	41.60	-24.73	74.00	32.40	200	1	Vertical
2	1368.2500	72.34	48.69	-23.65	74.00	25.31	200	34	Vertical
3	1619.5000	63.81	41.04	-22.77	74.00	32.96	100	356	Vertical
4	2279.5000	65.88	45.63	-20.25	74.00	28.37	100	28	Vertical
5	3190.0000	63.15	46.28	-16.87	68.30	22.02	200	14	Vertical
6	4105.7500	57.49	44.80	-12.69	74.00	29.20	200	352	Vertical

---------- The following blanks ----------

Mode: Mode 1/ IEEE 802.11n HT40
Temp. /Hum.:25℃/60%RH
Test Engineer: Lu Qiang

Frequency :5230MHz
Power supply:AC 120V/60Hz
Test Date: 2022-01-06

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1367.5000	67.01	43.36	-23.65	74.00	30.64	100	149	Horizontal
2	1620.2500	61.55	38.79	-22.76	74.00	35.21	200	81	Horizontal
3	2280.2500	66.89	46.64	-20.25	74.00	27.36	200	94	Horizontal
4	3188.5000	58.60	41.70	-16.90	68.30	26.60	100	130	Horizontal
5	4104.2500	56.29	43.60	-12.69	74.00	30.40	200	148	Horizontal
6	7709.5000	49.90	47.49	-2.41	74.00	26.51	100	246	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1140.2500	65.40	40.75	-24.65	74.00	33.25	100	355	Vertical
2	1369.0000	71.70	48.05	-23.65	74.00	25.95	200	41	Vertical
3	1625.5000	63.28	40.56	-22.72	74.00	33.44	100	1	Vertical
4	2282.5000	64.63	44.40	-20.23	74.00	29.60	100	20	Vertical
5	3193.7500	62.84	46.05	-16.79	68.30	22.25	200	14	Vertical
6	4105.7500	56.72	44.03	-12.69	74.00	29.97	200	14	Vertical

---------- The following blanks ----------

Mode: Mode 1/ IEEE 802.11n HT40
Temp. /Hum.:25℃/60%RH
Test Engineer: Lu Qiang

Frequency :5755MHz
Power supply:AC 120V/60Hz
Test Date: 2022-01-06

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1000.0000	65.25	40.09	-25.16	74.00	33.91	200	75	Horizontal
2	1368.2500	68.62	44.97	-23.65	74.00	29.03	100	148	Horizontal
3	2285.5000	66.07	45.87	-20.20	74.00	28.13	200	177	Horizontal
4	3194.5000	58.20	41.42	-16.78	68.30	26.88	100	81	Horizontal
5	4106.5000	56.73	44.03	-12.70	74.00	29.97	200	149	Horizontal
6	8894.7500	48.64	48.51	-0.13	68.30	19.79	200	48	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1125.2500	65.34	40.61	-24.73	74.00	33.39	200	14	Vertical
2	1368.2500	72.16	48.51	-23.65	74.00	25.49	200	34	Vertical
3	2280.2500	67.19	46.94	-20.25	74.00	27.06	100	14	Vertical
4	3192.2500	62.29	45.47	-16.82	68.30	22.83	200	343	Vertical
5	4104.2500	56.31	43.62	-12.69	74.00	30.38	200	14	Vertical
6	8698.1250	49.12	48.74	-0.38	68.30	19.56	100	176	Vertical

---------- The following blanks ----------

Mode: Mode 1/ IEEE 802.11n HT40
Temp. /Hum.:25℃/60%RH
Test Engineer: Lu Qiang

Frequency :5795MHz
Power supply:AC 120V/60Hz
Test Date: 2022-01-06

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1368.2500	67.88	44.23	-23.65	74.00	29.77	100	148	Horizontal
2	2281.7500	66.02	45.79	-20.23	74.00	28.21	200	176	Horizontal
3	3193.0000	59.45	42.64	-16.81	68.30	25.66	100	128	Horizontal
4	4108.7500	56.41	43.70	-12.71	74.00	30.30	200	149	Horizontal
5	7735.6250	49.91	47.68	-2.23	74.00	26.32	200	182	Horizontal
6	11395.8750	46.85	51.54	4.69	74.00	22.46	100	239	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1139.5000	68.17	43.52	-24.65	74.00	30.48	100	8	Vertical
2	1367.5000	73.65	50.00	-23.65	74.00	24.00	200	33	Vertical
3	2280.2500	66.02	45.77	-20.25	74.00	28.23	100	14	Vertical
4	3189.2500	62.38	45.49	-16.89	68.30	22.81	200	337	Vertical
5	4105.7500	58.41	45.72	-12.69	74.00	28.28	100	143	Vertical
6	7719.1250	49.62	47.28	-2.34	74.00	26.72	100	299	Vertical

---------- The following blanks ----------

Mode: Mode 1/ IEEE 802.11ac VHT20
Temp. /Hum.:25℃/60%RH
Test Engineer: Lu Qiang

Frequency :5180MHz
Power supply:AC 120V/60Hz
Test Date: 2022-01-06

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1367.5000	69.33	45.68	-23.65	74.00	28.32	200	20	Horizontal
2	1625.5000	61.02	38.30	-22.72	74.00	35.70	200	116	Horizontal
3	2284.0000	63.78	43.57	-20.21	74.00	30.43	200	177	Horizontal
4	3197.5000	59.71	43.00	-16.71	68.30	25.30	100	121	Horizontal
5	4098.2500	56.61	43.90	-12.71	74.00	30.10	200	230	Horizontal
6	8896.1250	49.26	49.16	-0.10	68.30	19.14	200	150	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1140.2500	67.06	42.41	-24.65	74.00	31.59	200	360	Vertical
2	1369.7500	69.96	46.32	-23.64	74.00	27.68	100	27	Vertical
3	2284.7500	65.36	45.15	-20.21	74.00	28.85	100	27	Vertical
4	3189.2500	62.63	45.74	-16.89	68.30	22.56	100	182	Vertical
5	4100.5000	56.36	43.69	-12.67	74.00	30.31	200	130	Vertical
6	10412.7500	46.57	49.42	2.85	68.30	18.88	200	1	Vertical

---------- The following blanks ----------

Mode: Mode 1/ IEEE 802.11ac VHT20
Temp. /Hum.:25℃/60%RH
Test Engineer: Lu Qiang

Frequency :5200MHz
Power supply:AC 120V/60Hz
Test Date: 2022-01-06

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1000.0000	65.63	40.47	-25.16	74.00	33.53	200	88	Horizontal
2	1368.2500	68.98	45.33	-23.65	74.00	28.67	100	316	Horizontal
3	2282.5000	65.06	44.83	-20.23	74.00	29.17	200	175	Horizontal
4	3193.7500	58.76	41.97	-16.79	68.30	26.33	100	121	Horizontal
5	4099.7500	57.32	44.64	-12.68	74.00	29.36	200	155	Horizontal
6	7732.8750	49.34	47.09	-2.25	74.00	26.91	100	35	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1125.2500	65.62	40.89	-24.73	74.00	33.11	200	360	Vertical
2	1369.0000	71.20	47.55	-23.65	74.00	26.45	100	14	Vertical
3	1617.2500	63.39	40.60	-22.79	74.00	33.40	100	1	Vertical
4	2284.0000	64.56	44.35	-20.21	74.00	29.65	100	14	Vertical
5	3198.2500	62.33	45.63	-16.70	68.30	22.67	200	20	Vertical
6	4094.5000	57.30	44.52	-12.78	74.00	29.48	200	128	Vertical

---------- The following blanks ----------

Mode: Mode 1/ IEEE 802.11ac VHT20 Frequency :5240MHz
Temp. /Hum.:25℃/60%RH Power supply:AC 120V/60Hz
Test Engineer: Lu Qiang Test Date: 2022-01-06

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1368.2500	67.40	43.75	-23.65	74.00	30.25	100	155	Horizontal
2	2277.2500	65.05	44.78	-20.27	74.00	29.22	200	176	Horizontal
3	3193.7500	58.47	41.68	-16.79	68.30	26.62	100	121	Horizontal
4	4107.2500	57.37	44.67	-12.70	74.00	29.33	200	230	Horizontal
5	7737.0000	50.21	47.98	-2.23	74.00	26.02	200	51	Horizontal
6	8702.2500	48.58	48.23	-0.35	68.30	20.07	100	204	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1368.2500	70.43	46.78	-23.65	74.00	27.22	100	46	Vertical
2	1619.5000	63.38	40.61	-22.77	74.00	33.39	100	1	Vertical
3	2281.7500	64.05	43.82	-20.23	74.00	30.18	100	20	Vertical
4	3199.0000	62.09	45.41	-16.68	68.30	22.89	100	181	Vertical
5	4110.2500	58.32	45.61	-12.71	74.00	28.39	100	141	Vertical
6	7171.8750	50.54	46.99	-3.55	68.30	21.31	200	252	Vertical

---------- The following blanks ----------

Mode: Mode 1/ IEEE 802.11ac VHT20 Frequency :5745MHz
Temp. /Hum.:25℃/60%RH Power supply:AC 120V/60Hz
Test Engineer: Lu Qiang Test Date: 2022-01-07

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1368.2500	67.69	44.04	-23.65	74.00	29.96	100	161	Horizontal
2	1615.0000	60.55	37.75	-22.80	74.00	36.25	100	26	Horizontal
3	2277.2500	65.16	44.89	-20.27	74.00	29.11	200	176	Horizontal
4	3188.5000	58.28	41.38	-16.90	68.30	26.92	100	127	Horizontal
5	4100.5000	57.07	44.40	-12.67	74.00	29.60	200	148	Horizontal
6	9334.7500	49.33	49.90	0.57	74.00	24.10	100	44	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1125.2500	66.16	41.43	-24.73	74.00	32.57	200	14	Vertical
2	1366.7500	70.86	47.20	-23.66	74.00	26.80	100	358	Vertical
3	1624.7500	63.04	40.31	-22.73	74.00	33.69	100	1	Vertical
4	2278.7500	65.22	44.96	-20.26	74.00	29.04	100	20	Vertical
5	3190.7500	62.93	46.08	-16.85	68.30	22.22	200	338	Vertical
6	4101.2500	57.12	44.44	-12.68	74.00	29.56	100	148	Vertical

---------- The following blanks ----------

Mode: Mode 1/ IEEE 802.11ac VHT20 Frequency :5785MHz
Temp. /Hum.:25℃/60%RH Power supply:AC 120V/60Hz
Test Engineer: Lu Qiang Test Date: 2022-01-07

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1125.2500	60.32	35.59	-24.73	74.00	38.41	100	182	Horizontal
2	1369.0000	67.17	43.52	-23.65	74.00	30.48	100	235	Horizontal
3	2281.0000	66.93	46.69	-20.24	74.00	27.31	200	248	Horizontal
4	3198.2500	57.86	41.16	-16.70	68.30	27.14	100	88	Horizontal
5	4103.5000	57.61	44.93	-12.68	74.00	29.07	200	146	Horizontal
6	7961.1250	49.48	47.48	-2.00	68.30	20.82	200	285	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1139.5000	66.80	42.15	-24.65	74.00	31.85	200	14	Vertical
2	1368.2500	71.89	48.24	-23.65	74.00	25.76	100	337	Vertical
3	1625.5000	65.46	42.74	-22.72	74.00	31.26	100	358	Vertical
4	2278.7500	65.07	44.81	-20.26	74.00	29.19	100	15	Vertical
5	3196.0000	64.56	47.82	-16.74	68.30	20.48	200	343	Vertical
6	4106.5000	56.49	43.79	-12.70	74.00	30.21	200	14	Vertical

---------- The following blanks ----------

Mode: Mode 1/ IEEE 802.11ac VHT20 Frequency :5825MHz
Temp. /Hum.:25℃/60%RH Power supply:AC 120V/60Hz
Test Engineer: Lu Qiang Test Date: 2022-01-07

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1363.0000	64.95	41.27	-23.68	74.00	32.73	200	305	Horizontal
2	1591.7500	60.83	37.92	-22.91	74.00	36.08	200	81	Horizontal
3	2281.0000	64.94	44.70	-20.24	74.00	29.30	200	176	Horizontal
4	3193.0000	58.08	41.27	-16.81	68.30	27.03	100	121	Horizontal
5	4108.0000	56.92	44.22	-12.70	74.00	29.78	200	245	Horizontal
6	8124.7500	48.62	47.50	-1.12	74.00	26.50	100	104	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1125.2500	65.97	41.24	-24.73	74.00	32.76	200	359	Vertical
2	1369.0000	72.09	48.44	-23.65	74.00	25.56	200	28	Vertical
3	1624.7500	63.53	40.80	-22.73	74.00	33.20	100	360	Vertical
4	2275.7500	64.92	44.64	-20.28	74.00	29.36	100	21	Vertical
5	3193.0000	63.79	46.98	-16.81	68.30	21.32	200	345	Vertical
6	4104.2500	57.55	44.86	-12.69	74.00	29.14	100	141	Vertical

---------- The following blanks ----------

Mode: Mode 1/ IEEE 802.11ac VHT40 Frequency :5190MHz
Temp. /Hum.:25℃/60%RH Power supply:AC 120V/60Hz
Test Engineer: Lu Qiang Test Date: 2022-01-07

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1369.0000	68.42	44.77	-23.65	74.00	29.23	100	148	Horizontal
2	2276.5000	66.31	46.03	-20.28	74.00	27.97	200	177	Horizontal
3	3198.2500	58.21	41.51	-16.70	68.30	26.79	100	128	Horizontal
4	4106.5000	56.83	44.13	-12.70	74.00	29.87	200	231	Horizontal
5	7166.3750	50.53	47.04	-3.49	68.30	21.26	200	241	Horizontal
6	9310.0000	47.63	48.27	0.64	74.00	25.73	100	259	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1140.2500	66.34	41.69	-24.65	74.00	32.31	100	338	Vertical
2	1369.0000	71.41	47.76	-23.65	74.00	26.24	100	304	Vertical
3	1620.2500	63.81	41.05	-22.76	74.00	32.95	100	360	Vertical
4	2280.2500	66.73	46.48	-20.25	74.00	27.52	100	20	Vertical
5	3194.5000	63.25	46.47	-16.78	68.30	21.83	200	21	Vertical
6	4101.2500	56.83	44.15	-12.68	74.00	29.85	200	176	Vertical

---------- The following blanks ----------

Mode: Mode 1/ IEEE 802.11ac VHT40
Temp. /Hum.:25℃/60%RH
Test Engineer: Lu Qiang

Frequency :5230MHz
Power supply:AC 120V/60Hz
Test Date: 2022-01-07

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1125.2500	60.73	36.00	-24.73	74.00	38.00	100	173	Horizontal
2	1369.0000	67.67	44.02	-23.65	74.00	29.98	100	149	Horizontal
3	2275.7500	65.31	45.03	-20.28	74.00	28.97	200	175	Horizontal
4	3191.5000	57.90	41.06	-16.84	68.30	27.24	100	116	Horizontal
5	4105.0000	56.13	43.44	-12.69	74.00	30.56	200	242	Horizontal
6	7727.3750	50.26	47.97	-2.29	74.00	26.03	200	252	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1125.2500	65.95	41.22	-24.73	74.00	32.78	200	4	Vertical
2	1368.2500	72.33	48.68	-23.65	74.00	25.32	200	41	Vertical
3	2280.2500	64.98	44.73	-20.25	74.00	29.27	100	27	Vertical
4	3190.7500	63.24	46.39	-16.85	68.30	21.91	200	344	Vertical
5	4105.7500	57.18	44.49	-12.69	74.00	29.51	100	149	Vertical
6	6006.2500	52.71	45.06	-7.65	68.30	23.24	200	360	Vertical

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1368.2499	-23.65	50.36	26.71	54.00	27.29	200	41	Vertical

---------- The following blanks ----------

Mode: Mode 1/ IEEE 802.11ac VHT40
Temp. /Hum.:25℃/60%RH
Test Engineer: Chen Xiaocong

Frequency :5755MHz
Power supply:AC 120V/60Hz
Test Date: 2022-01-07

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1368.2500	70.22	46.57	-23.65	74.00	27.43	200	160	Horizontal
2	1756.0000	63.94	41.55	-22.39	68.30	26.75	100	205	Horizontal
3	2283.2500	64.23	44.01	-20.22	74.00	29.99	200	352	Horizontal
4	4105.7500	56.97	44.28	-12.69	74.00	29.72	200	307	Horizontal
5	7723.2500	50.43	48.11	-2.32	74.00	25.89	100	27	Horizontal
6	9311.3750	48.25	48.89	0.64	74.00	25.11	100	358	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1141.0000	66.94	42.30	-24.64	74.00	31.70	200	179	Vertical
2	1368.2500	73.19	49.54	-23.65	74.00	24.46	200	199	Vertical
3	1754.5000	66.77	44.36	-22.41	68.30	23.94	200	340	Vertical
4	2275.7500	64.21	43.93	-20.28	74.00	30.07	100	187	Vertical
5	3190.7500	64.62	47.77	-16.85	68.30	20.53	200	153	Vertical
6	8907.1250	49.23	49.09	-0.14	68.30	19.21	100	360	Vertical

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1368.2514	-23.65	50.17	26.52	54.00	27.48	200	219	Vertical

---------- The following blanks ----------

Mode: Mode 1/ IEEE 802.11ac VHT40
Temp. /Hum.:25℃/60%RH
Test Engineer: Chen Xiaocong

Frequency :5795MHz
Power supply:AC 120V/60Hz
Test Date: 2022-01-07

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1368.2500	67.29	43.64	-23.65	74.00	30.36	200	122	Horizontal
2	2285.5000	63.27	43.07	-20.20	74.00	30.93	200	351	Horizontal
3	3196.0000	57.90	41.16	-16.74	68.30	27.14	200	339	Horizontal
4	4096.7500	56.85	44.11	-12.74	74.00	29.89	200	4	Horizontal
5	7159.5000	49.42	45.99	-3.43	68.30	22.31	100	1	Horizontal
6	10081.3750	46.14	48.06	1.92	68.30	20.24	100	150	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1368.2500	72.04	48.39	-23.65	74.00	25.61	200	203	Vertical
2	2281.7500	64.02	43.79	-20.23	74.00	30.21	100	190	Vertical
3	3193.0000	62.71	45.90	-16.81	68.30	22.40	200	163	Vertical
4	4104.2500	56.29	43.60	-12.69	74.00	30.40	200	319	Vertical
5	8640.3750	48.03	47.22	-0.81	68.30	21.08	200	265	Vertical
6	10194.1250	44.97	47.62	2.65	68.30	20.68	200	156	Vertical

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1368.2516	-23.65	50.10	26.45	54.00	27.55	200	217	Vertical

Mode: Mode 1/ IEEE 802.11ac VHT80 Frequency :5210MHz
Temp. /Hum.:25℃/60%RH Power supply:AC 120V/60Hz
Test Engineer: Chen Xiaocong Test Date: 2022-01-07

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1368.2500	68.74	45.09	-23.65	74.00	28.91	200	128	Horizontal
2	2286.2500	63.99	43.79	-20.20	74.00	30.21	200	20	Horizontal
3	3838.0000	55.25	42.00	-13.25	74.00	32.00	200	169	Horizontal
4	4115.5000	56.80	44.06	-12.74	74.00	29.94	200	68	Horizontal
5	7632.5000	49.34	46.63	-2.71	74.00	27.37	100	340	Horizontal
6	9186.2500	46.91	47.46	0.55	74.00	26.54	200	313	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1140.2500	68.70	44.05	-24.65	74.00	29.95	100	163	Vertical
2	1369.0000	71.62	47.97	-23.65	74.00	26.03	100	197	Vertical
3	1748.5000	69.48	47.04	-22.44	68.30	21.26	200	118	Vertical
4	2280.2500	66.71	46.46	-20.25	74.00	27.54	100	203	Vertical
5	3192.2500	63.75	46.93	-16.82	68.30	21.37	200	165	Vertical
6	7145.7500	49.24	45.78	-3.46	68.30	22.52	100	74	Vertical

---------- The following blanks ----------

Mode: Mode 1/ IEEE 802.11ac VHT80 Frequency :5775MHz
Temp. /Hum.:25℃/60%RH Power supply:AC 120V/60Hz
Test Engineer: Chen Xiaocong Test Date: 2022-01-07

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1368.2500	68.02	44.37	-23.65	74.00	29.63	200	359	Horizontal
2	2283.2500	64.21	43.99	-20.22	74.00	30.01	200	9	Horizontal
3	3193.7500	58.02	41.23	-16.79	68.30	27.07	100	272	Horizontal
4	4103.5000	57.22	44.54	-12.68	74.00	29.46	200	22	Horizontal
5	7152.6250	50.09	46.73	-3.36	68.30	21.57	100	224	Horizontal
6	10477.3750	46.33	49.81	3.48	68.30	18.49	100	237	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1366.7500	73.96	50.30	-23.66	74.00	23.70	100	231	Vertical
2	2278.7500	64.85	44.59	-20.26	74.00	29.41	100	205	Vertical
3	3187.7500	63.55	46.63	-16.92	68.30	21.67	200	158	Vertical
4	4105.0000	56.87	44.18	-12.69	74.00	29.82	200	319	Vertical
5	5918.5000	62.05	53.55	-8.50	68.30	14.75	200	211	Vertical
6	9200.0000	48.52	49.06	0.54	68.30	19.24	100	80	Vertical

AV Final Data List									
NO.	Freq. [MHz]	Factor [dB]	AV Reading [dBμV/m]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1366.7498	-23.66	49.16	25.50	54.00	28.50	100	231	Vertical

18GHz -40GHz

Pre-scan all modes and recorded the worst case results in this report (IEEE 802.11n HT20)

Mode: Mode 1/ IEEE802.11n HT20 Frequency :5180MHz

Temp. /Hum.:25℃/60%RH Power supply:AC 120V/60Hz

Test Engineer: Lu Qiang Test Date: 2022-01-19

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	18280.5000	58.99	47.42	-11.57	83.54	36.12	150	335	Horizontal
2	22035.9000	56.03	46.10	-9.93	83.54	37.44	150	262	Horizontal
3	25084.0000	55.79	48.01	-7.78	77.84	29.83	150	118	Horizontal
4	29056.1000	58.49	50.47	-8.02	77.84	27.37	150	35	Horizontal
5	33035.9000	60.57	51.27	-9.30	77.84	26.57	150	200	Horizontal
6	39573.2000	54.74	53.32	-1.42	77.84	24.52	150	0	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	19002.1000	57.88	46.79	-11.09	83.54	36.75	150	350	Vertical
2	22295.5000	55.80	46.19	-9.61	83.54	37.35	150	164	Vertical
3	25005.9000	54.83	46.94	-7.89	77.84	30.90	150	58	Vertical
4	29592.9000	57.98	50.19	-7.79	77.84	27.65	150	79	Vertical
5	37471.1000	57.43	52.28	-5.15	77.84	25.56	150	216	Vertical
6	39964.8000	54.39	53.38	-1.01	77.84	24.46	150	154	Vertical

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Mode: Mode 1/ IEEE802.11n HT20
Temp. /Hum.:25℃/60%RH
Test Engineer: Lu Qiang

Frequency :5200MHz
Power supply:AC 120V/60Hz
Test Date: 2022-01-19

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	18379.5000	58.02	46.48	-11.54	83.54	37.06	150	242	Horizontal
2	21498.0000	57.03	47.02	-10.01	77.84	30.82	150	273	Horizontal
3	23716.7000	55.03	46.48	-8.55	83.54	37.06	150	325	Horizontal
4	28334.5000	57.64	49.57	-8.07	77.84	28.27	150	304	Horizontal
5	34204.1000	60.58	51.60	-8.98	77.84	26.24	150	149	Horizontal
6	39920.8000	54.28	53.23	-1.05	77.84	24.61	150	294	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	18434.5000	59.08	47.57	-11.51	83.54	35.97	150	191	Vertical
2	20190.1000	57.80	47.09	-10.71	83.54	36.45	150	150	Vertical
3	23789.3000	55.48	47.00	-8.48	83.54	36.54	150	109	Vertical
4	28096.9000	57.60	49.35	-8.25	77.84	28.49	150	150	Vertical
5	31224.2000	59.82	51.40	-8.42	83.54	32.14	150	354	Vertical
6	39574.3000	54.64	53.22	-1.42	77.84	24.62	150	57	Vertical

---------- The following blanks ----------

Mode: Mode 1/ IEEE802.11n HT20
Temp. /Hum.:25℃/60%RH
Test Engineer: Lu Qiang

Frequency :5240MHz
Power supply:AC 120V/60Hz
Test Date: 2022-01-19

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	18319.0000	58.55	46.99	-11.56	83.54	36.55	150	253	Horizontal
2	20609.2000	56.96	46.54	-10.42	83.54	37.00	150	222	Horizontal
3	23783.8000	55.13	46.65	-8.48	83.54	36.89	150	160	Horizontal
4	29585.2000	57.58	49.78	-7.80	77.84	28.06	150	346	Horizontal
5	34171.1000	60.38	51.38	-9.00	77.84	26.46	150	108	Horizontal
6	37934.2000	56.04	52.62	-3.42	77.84	25.22	150	160	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	18377.3000	58.26	46.72	-11.54	83.54	36.82	150	107	Vertical
2	19358.5000	58.31	47.31	-11.00	83.54	36.23	150	241	Vertical
3	21334.1000	56.75	46.59	-10.16	83.54	36.95	150	128	Vertical
4	27691.0000	57.17	49.02	-8.15	77.84	28.82	150	231	Vertical
5	35447.1000	59.72	51.10	-8.62	77.84	26.74	150	6	Vertical
6	39600.7000	54.77	53.40	-1.37	77.84	24.44	150	251	Vertical

---------- The following blanks ----------

Mode: Mode 1/ IEEE802.11n HT20
Temp. /Hum.:25℃/60%RH
Test Engineer: Lu Qiang

Frequency :5745MHz
Power supply:AC 120V/60Hz
Test Date: 2022-01-19

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	18101.2000	58.60	46.97	-11.63	83.54	36.57	150	45	Horizontal
2	20079.0000	56.77	45.97	-10.80	83.54	37.57	150	6	Horizontal
3	23050.1000	55.26	46.35	-8.91	83.54	37.19	150	293	Horizontal
4	26862.7000	55.90	48.16	-7.74	77.84	29.68	150	148	Horizontal
5	30885.4000	58.73	50.29	-8.44	77.84	27.55	150	117	Horizontal
6	37995.8000	56.05	52.86	-3.19	77.84	24.98	150	358	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	18349.8000	59.69	48.14	-11.55	83.54	35.40	150	253	Vertical
2	21825.8000	56.35	46.40	-9.95	77.84	31.44	150	6	Vertical
3	24398.7000	55.94	47.78	-8.16	77.84	30.06	150	294	Vertical
4	28378.5000	57.12	49.08	-8.04	77.84	28.76	150	77	Vertical
5	31222.0000	59.53	51.12	-8.41	83.54	32.42	150	305	Vertical
6	38099.2000	56.88	53.84	-3.04	77.84	24.00	150	243	Vertical

---------- The following blanks ----------

Mode: Mode 1/ IEEE802.11n HT20 Frequency :5785MHz
Temp. /Hum.:25℃/60%RH Power supply:AC 120V/60Hz
Test Engineer: Lu Qiang Test Date: 2022-01-19

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	18540.1000	58.18	46.73	-11.45	83.54	36.81	150	325	Horizontal
2	19827.1000	57.13	46.27	-10.86	83.54	37.27	150	109	Horizontal
3	25486.6000	54.99	47.17	-7.82	77.84	30.67	150	243	Horizontal
4	29150.7000	57.30	49.26	-8.04	77.84	28.58	150	336	Horizontal
5	31252.8000	59.99	51.50	-8.49	83.54	32.04	150	359	Horizontal
6	37429.3000	57.72	52.43	-5.29	77.84	25.41	150	57	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	18884.4000	58.01	46.80	-11.21	83.54	36.74	150	283	Vertical
2	20607.0000	56.65	46.22	-10.43	83.54	37.32	150	251	Vertical
3	26747.2000	55.26	47.59	-7.67	77.84	30.25	150	354	Vertical
4	29841.5000	57.86	49.83	-8.03	77.84	28.01	150	324	Vertical
5	32458.4000	59.64	51.00	-8.64	77.84	26.84	150	273	Vertical
6	37416.1000	57.65	52.31	-5.34	77.84	25.53	150	251	Vertical

---------- The following blanks ----------

Mode: Mode 1/ IEEE802.11n HT20
Temp. /Hum.:25℃/60%RH
Test Engineer: Lu Qiang

Frequency :5825MHz
Power supply:AC 120V/60Hz
Test Date: 2022-01-19

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	19472.9000	57.89	46.95	-10.94	83.54	36.59	150	324	Horizontal
2	22093.1000	56.88	47.02	-9.86	83.54	36.52	150	303	Horizontal
3	23856.4000	55.99	47.58	-8.41	83.54	35.96	150	293	Horizontal
4	28396.1000	56.98	48.96	-8.02	77.84	28.88	150	344	Horizontal
5	31288.0000	59.56	50.97	-8.59	83.54	32.57	150	251	Horizontal
6	36843.0000	58.57	51.64	-6.93	77.84	26.20	150	360	Horizontal

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	18486.2000	58.58	47.10	-11.48	83.54	36.44	150	160	Vertical
2	20513.5000	57.52	47.04	-10.48	83.54	36.50	150	2	Vertical
3	23805.8000	56.92	48.46	-8.46	83.54	35.08	150	47	Vertical
4	27193.8000	56.30	48.31	-7.99	77.84	29.53	150	315	Vertical
5	31065.8000	59.92	51.53	-8.39	77.84	26.31	150	47	Vertical
6	39657.9000	54.38	53.07	-1.31	77.84	24.77	150	315	Vertical

---------- **The following blanks** ----------

7. RESTRICTED BANDS OF OPERATION

7.1. LIMITS

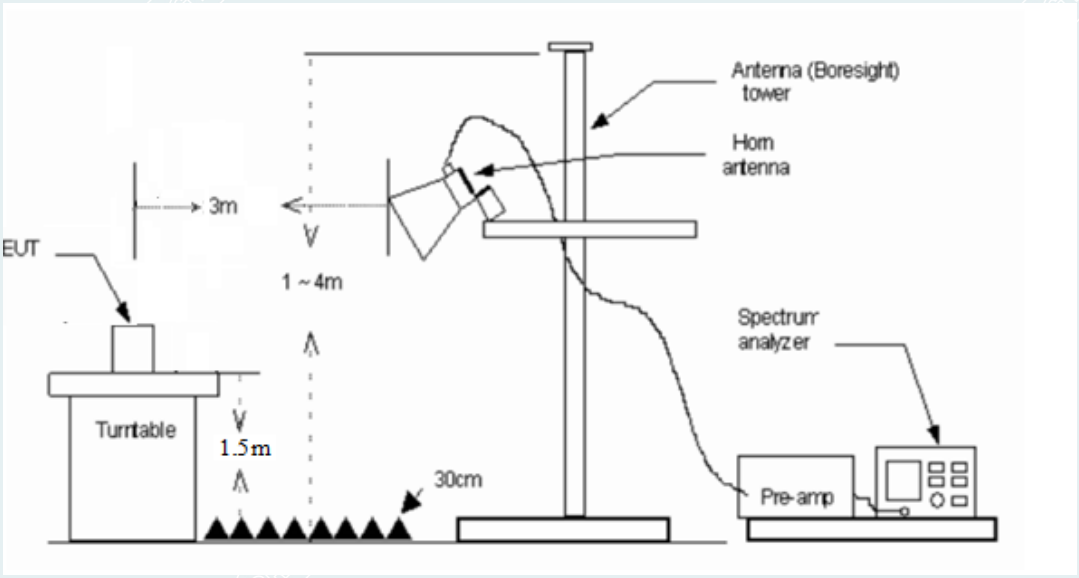
Section 15.407(b)(10) The provisions of §15.205 apply to intentional radiators operating under this section.
15.205(a) Except as shown in paragraph (d) of this section, only spurious emissions are permitted in any of the frequency bands listed below:

MHz	MHz	MHz	GHz
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
[1]0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.025 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 - 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.52525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2655 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	([2])

7.2. TEST PROCEDURES

1) The EUT is placed on a turntable, which is 1.5m above the ground plane.
2) The turntable shall be rotated for 360 degrees to determine the position of maximum emission level.
3) EUT is set 3m away from the receiving antenna, which is varied from 1m to 4m to find out the highest emission.
4) Set the spectrum analyzer in the following setting in order to capture the lower and upper band-edges of the emission:
   a) The frequency above 1GHz, for Peak detector: Set RBW=1MHz, RBW=3MHz.
   b) The frequency above 1GHz, for Avg detector: Set RBW=1MHz, if the EUT is configured to transmit with duty cycle ≥98%, set VBW≤RBW/100(i.e.,10Hz) but not less than 10 Hz, Where duty cycle is defined in section 2.8.
5) Repeat the procedures until all the PEAK and AVERAGE versus polarization are measured.

7.3. TEST SETUP



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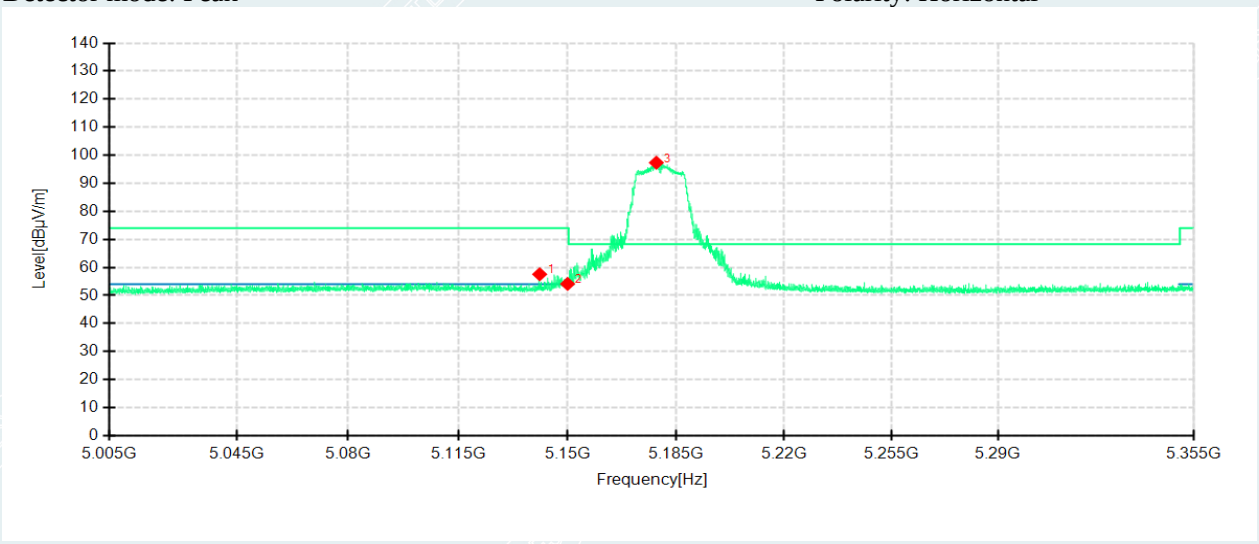
7.4. TEST RESULTS

Temp: 25℃; Humi:60%RH	Power supply: AC 120V/60Hz
Test Engineer: Lu Qiang	Test Date: 2022-01-05 to 2022-03-23

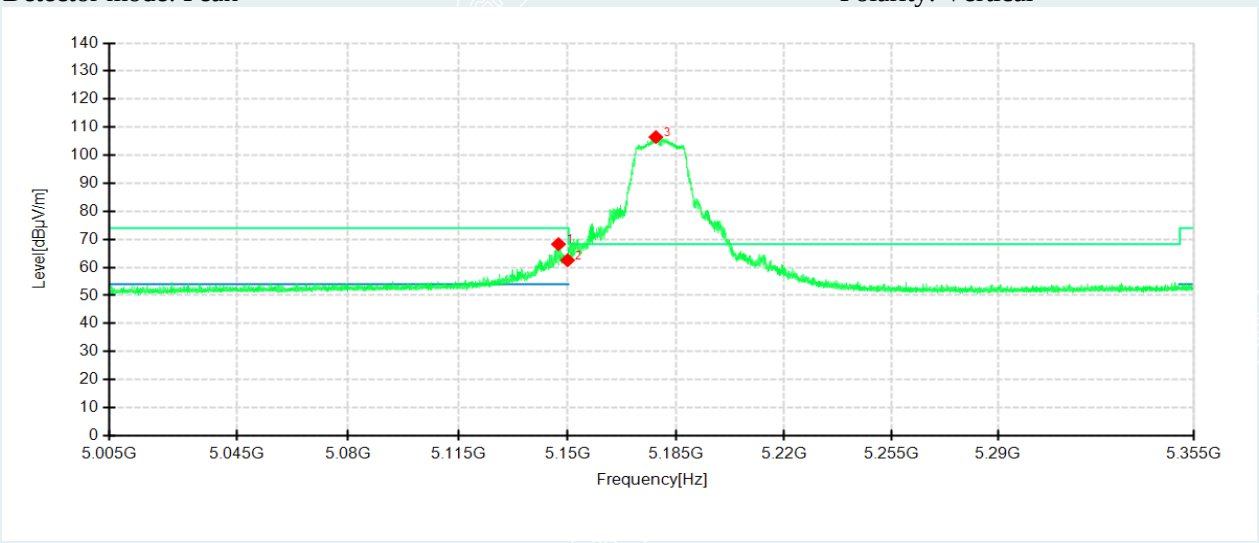
Pre-scan all modes and recorded the worst case results in this report.

802.11a mode/5180MHz

Detector mode: Peak Polarity: Horizontal



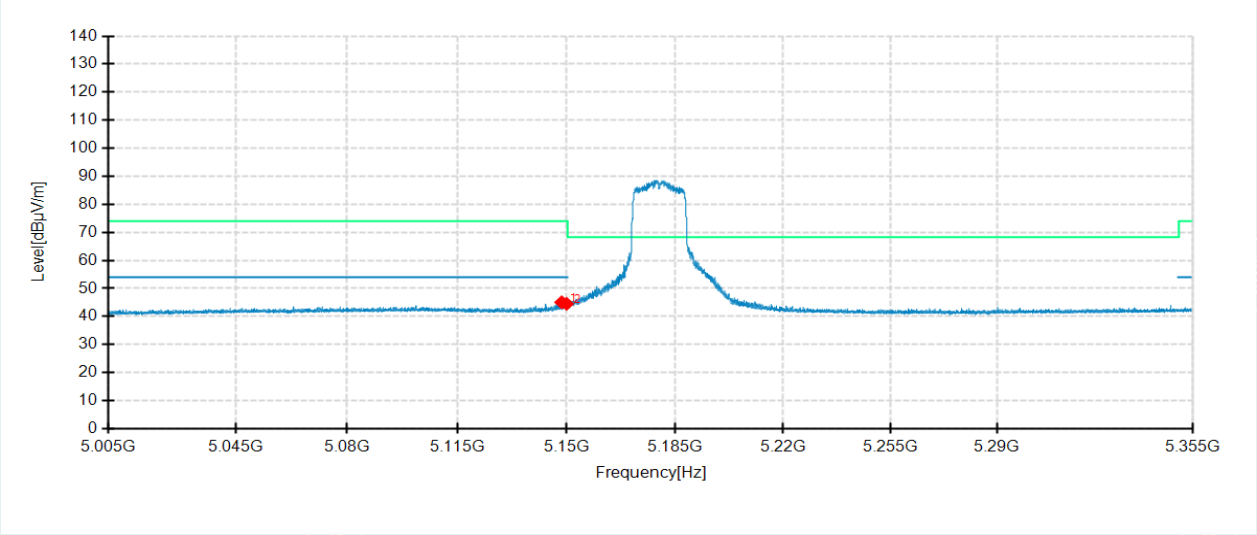
Detector mode: Peak Polarity: Vertical



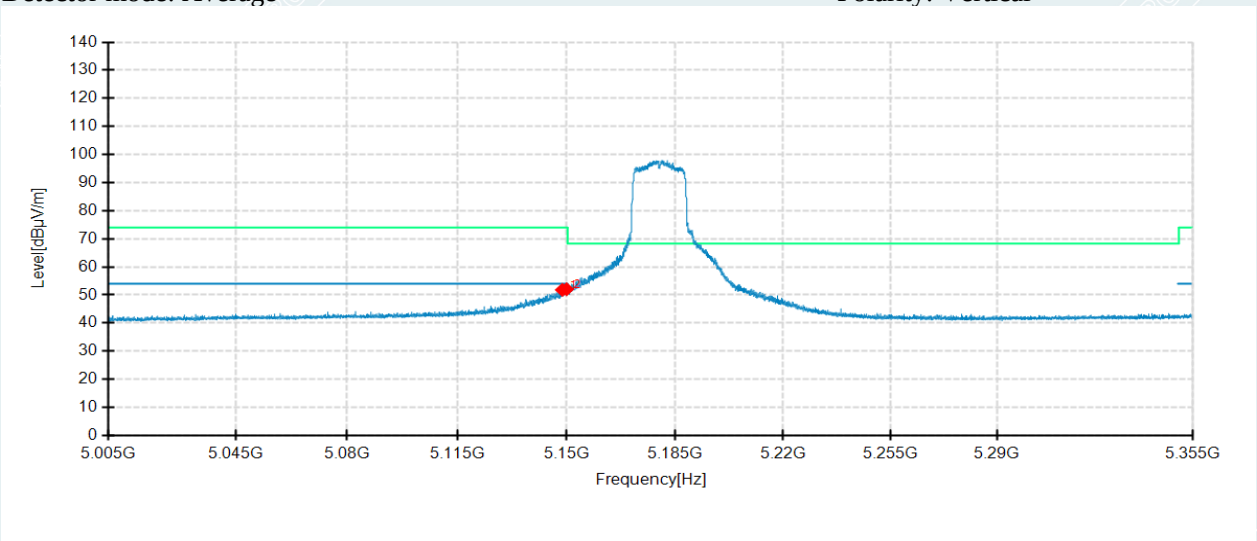
No.	Frequency MHz	Reading dBµV/m	Level dBµV/m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5141.0450	43.58	57.54	13.96	74.00	16.46	200	26	Horizontal	/
2	5150.0000	40.33	54.10	13.77	74.00	19.90	100	142	Horizontal	/
3	5178.5650	82.86	97.33	14.47	68.30	-29.03	200	26	Horizontal	No limit
1	5147.1000	54.45	68.28	13.83	74.00	5.72	100	27	Vertical	/
2	5150.0000	48.77	62.54	13.77	74.00	11.46	200	142	Vertical	/
3	5178.4250	92.01	106.47	14.46	68.30	-38.17	100	34	Vertical	No limit

802.11a mode/5180MHz

Detector mode: Average Polarity: Horizontal



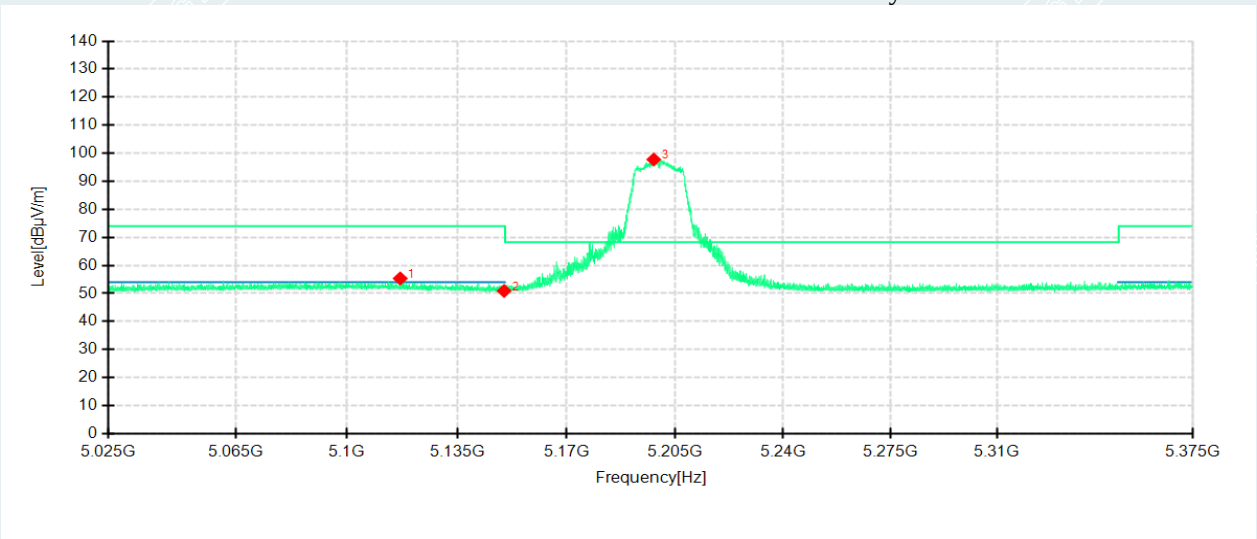
Detector mode: Average Polarity: Vertical



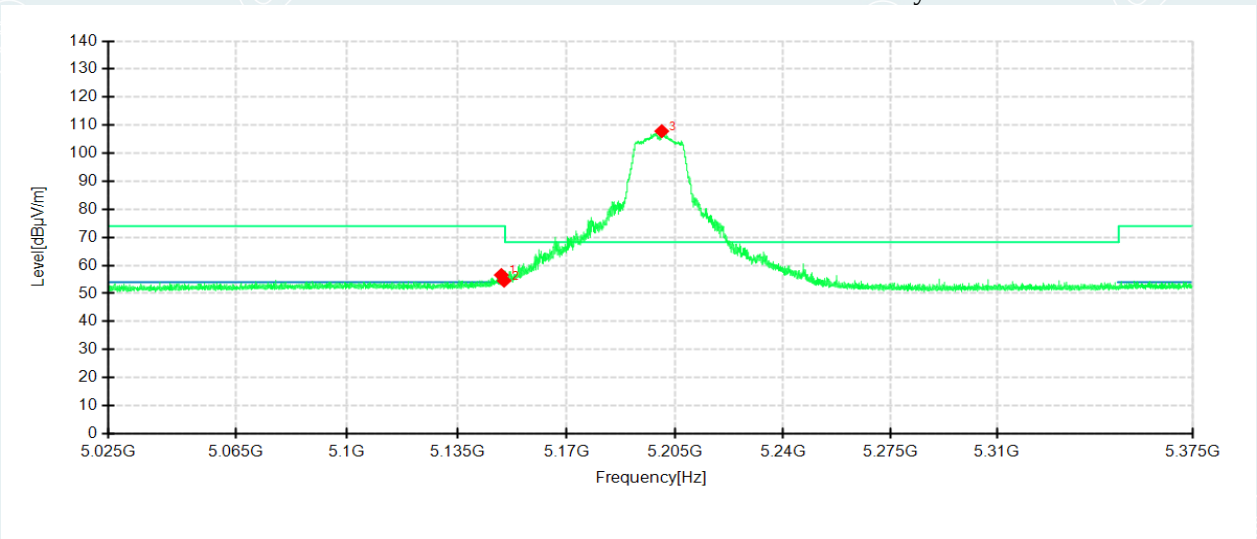
No.	Frequency MHz	Reading dBµV/m	Level dBµV/m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5148.4300	31.26	45.06	13.80	54.00	8.94	200	218	Horizontal	/
2	5150.0000	30.76	44.53	13.77	54.00	9.47	100	142	Horizontal	/
1	5148.6400	38.01	51.81	13.80	54.00	2.19	100	26	Vertical	/
2	5150.0000	38.29	52.06	13.77	54.00	1.94	100	26	Vertical	/

802.11a mode/5200MHz

Detector mode: Peak Polarity: Horizontal



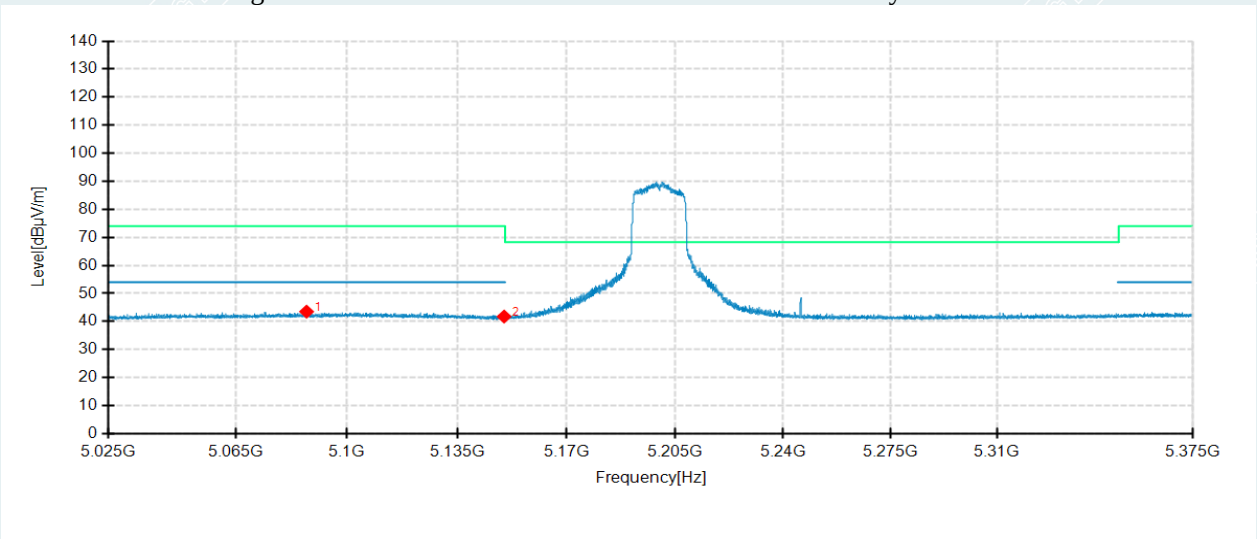
Detector mode: Peak Polarity: Vertical



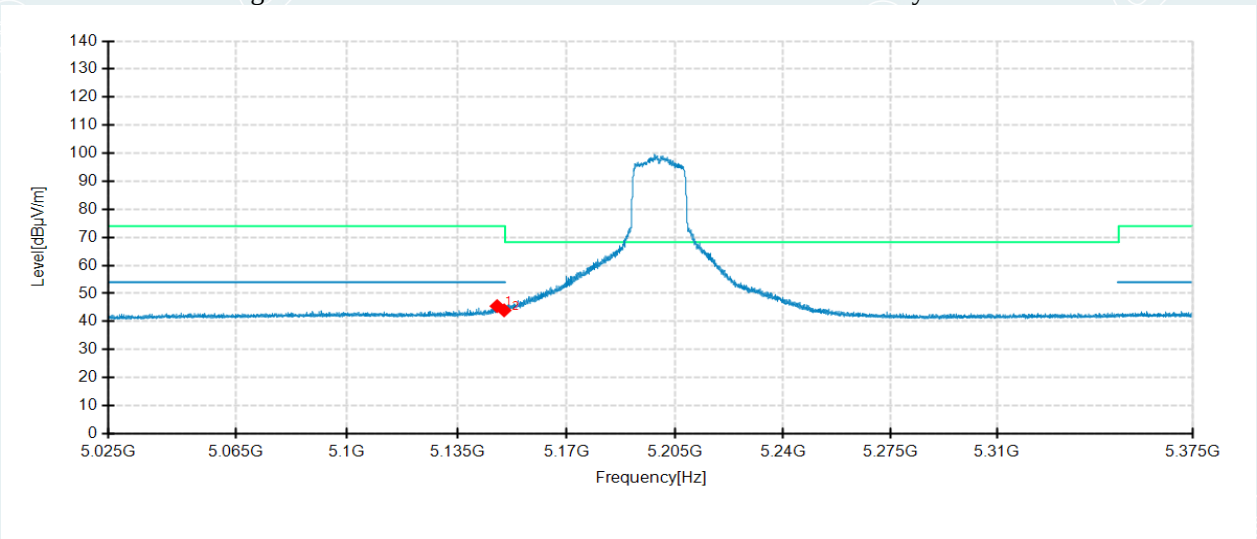
No.	Frequency MHz	Reading dBµV/m	Level dBµV/m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5116.8750	40.85	55.34	14.49	74.00	18.66	200	40	Horizontal	/
2	5150.0000	37.12	50.89	13.77	74.00	23.11	100	142	Horizontal	/
3	5198.0750	82.81	97.75	14.94	68.30	-29.45	200	26	Horizontal	No limit
1	5149.1100	42.79	56.58	13.79	74.00	17.42	100	33	Vertical	/
2	5150.0000	40.75	54.52	13.77	74.00	19.48	200	359	Vertical	/
3	5200.6650	92.88	107.86	14.98	68.30	-39.56	100	33	Vertical	No limit

802.11a mode/5200MHz

Detector mode: Average Polarity: Horizontal



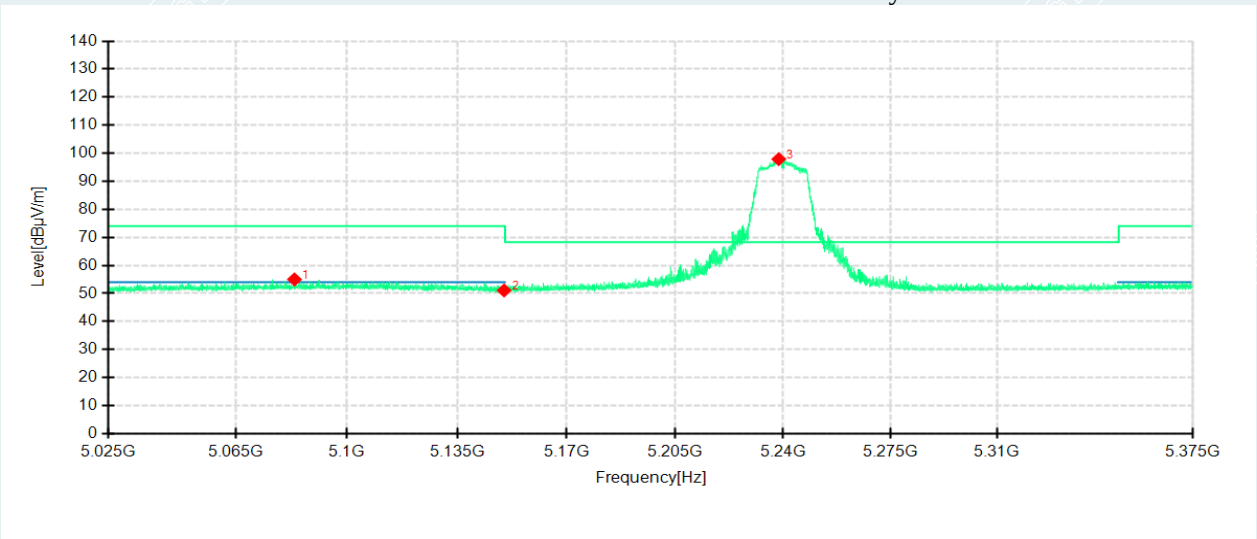
Detector mode: Average Polarity: Vertical



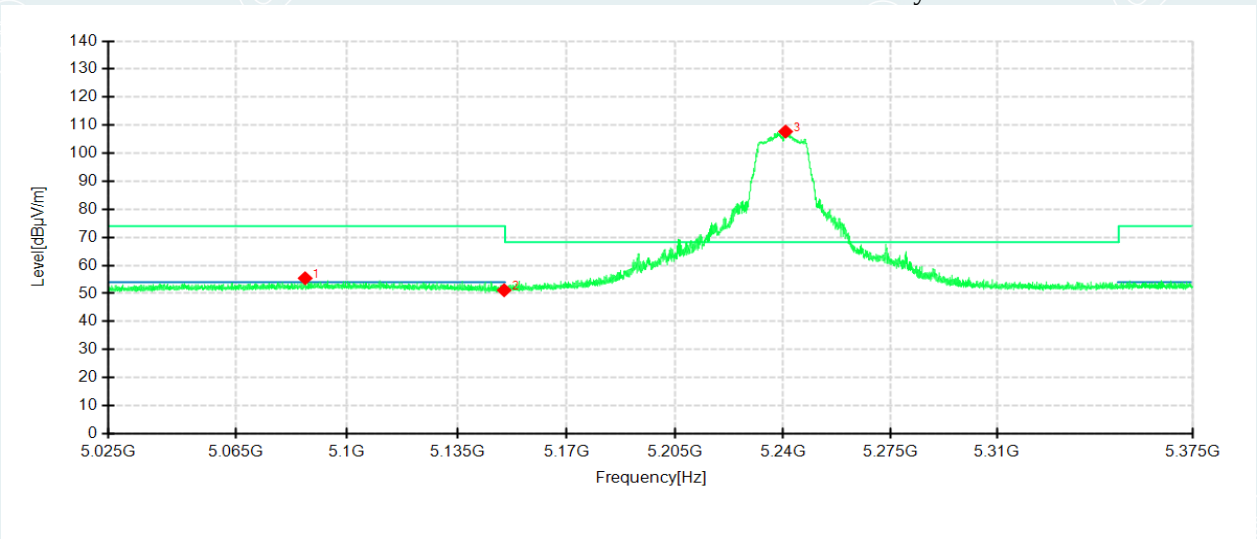
No.	Frequency MHz	Reading dBµV/m	Level dBµV/m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5087.2300	28.78	43.51	14.73	54.00	10.49	200	1	Horizontal	/
2	5150.0000	27.99	41.76	13.77	54.00	12.24	200	184	Horizontal	/
1	5147.7450	31.66	45.48	13.82	54.00	8.52	100	26	Vertical	/
2	5150.0000	30.20	43.97	13.77	54.00	10.03	200	142	Vertical	/

802.11a mode/5240MHz

Detector mode: Peak Polarity: Horizontal



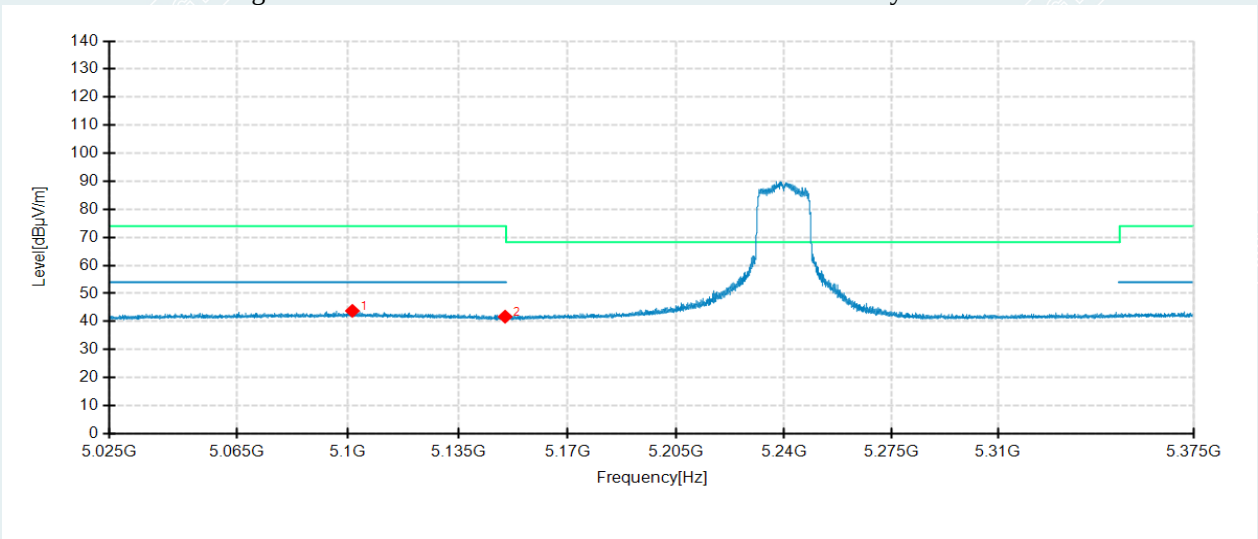
Detector mode: Peak Polarity: Vertical



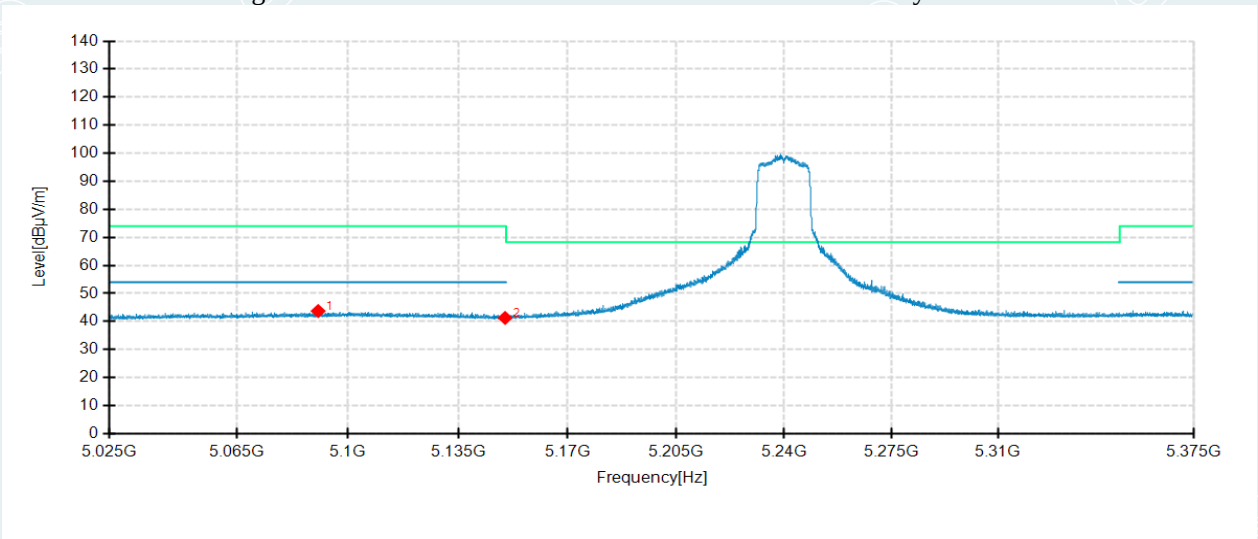
No.	Frequency MHz	Reading dBµV/m	Level dBµV/m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5098.465	39.97	54.81	14.84	74.00	19.19	200	88	Horizontal	/
2	5150	36.90	50.67	13.77	74.00	23.33	100	142	Horizontal	/
3	5238.325	91.32	105.69	14.37	68.30	-37.39	200	163	Horizontal	No limit
1	5109.805	39.69	54.33	14.64	74.00	19.67	100	218	Vertical	/
2	5150	37.68	51.45	13.77	74.00	22.55	100	218	Vertical	/
3	5239.55	84.70	99.05	14.35	68.30	-30.75	200	142	Vertical	No limit

802.11a mode/5240MHz

Detector mode: Average Polarity: Horizontal



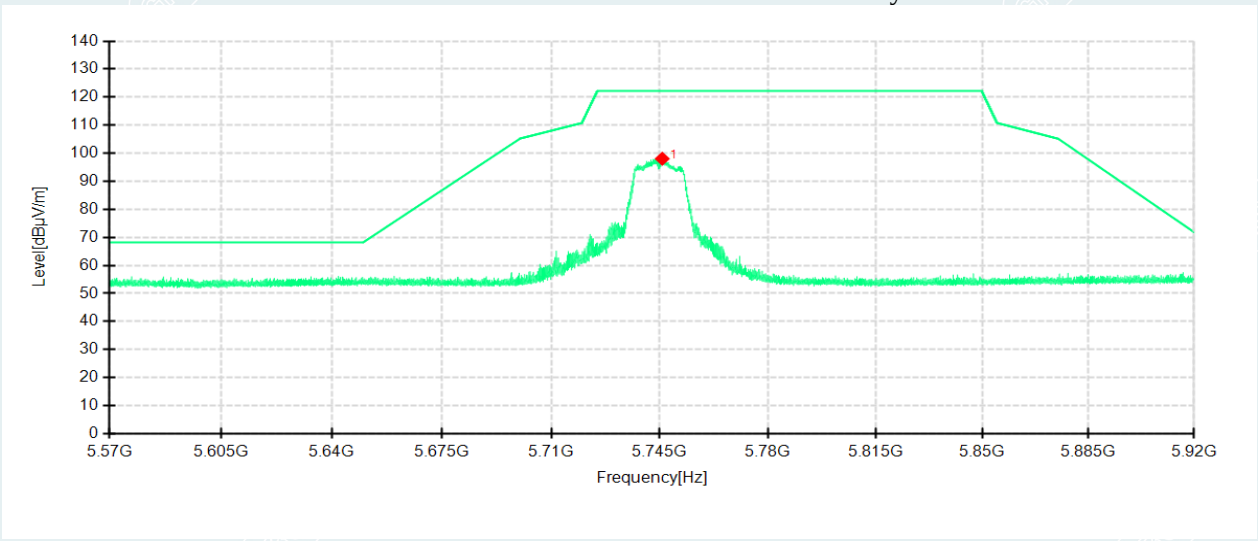
Detector mode: Average Polarity: Vertical



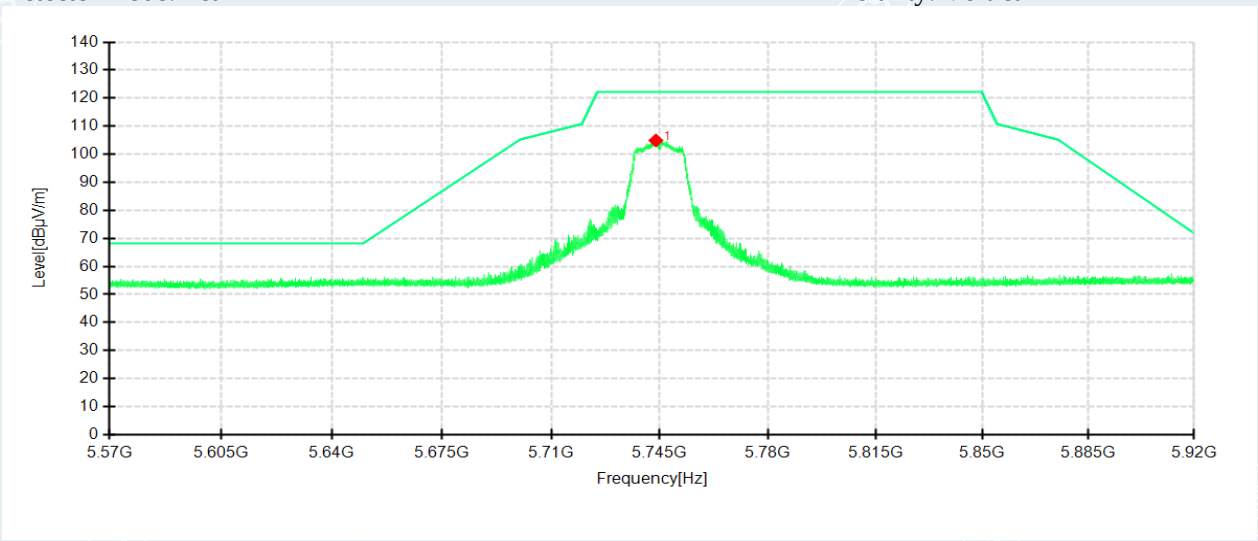
No.	Frequency MHz	Reading dBµV/m	Level dBµV/m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5101.4050	28.96	43.78	14.82	54.00	10.22	200	197	Horizontal	/
2	5150.0000	27.95	41.72	13.77	54.00	12.28	200	87	Horizontal	/
1	5090.5550	28.96	43.72	14.76	54.00	10.28	200	142	Vertical	/
2	5150.0000	27.49	41.26	13.77	54.00	12.74	200	142	Vertical	/

802.11a mode/5745MHz

Detector mode: Peak Polarity: Horizontal



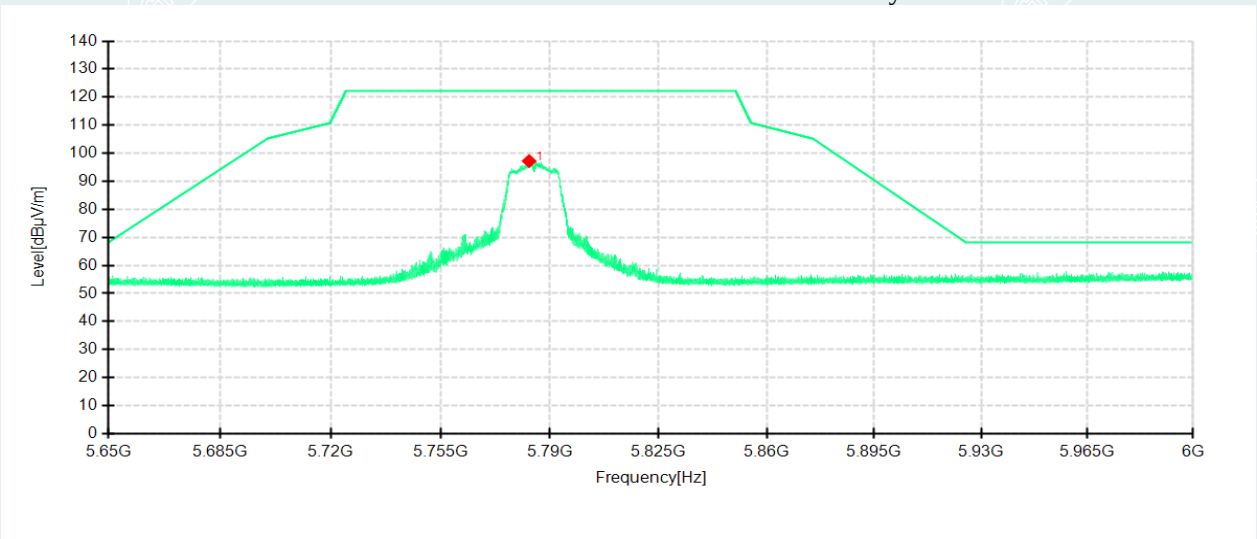
Detector mode: Peak Polarity: Vertical



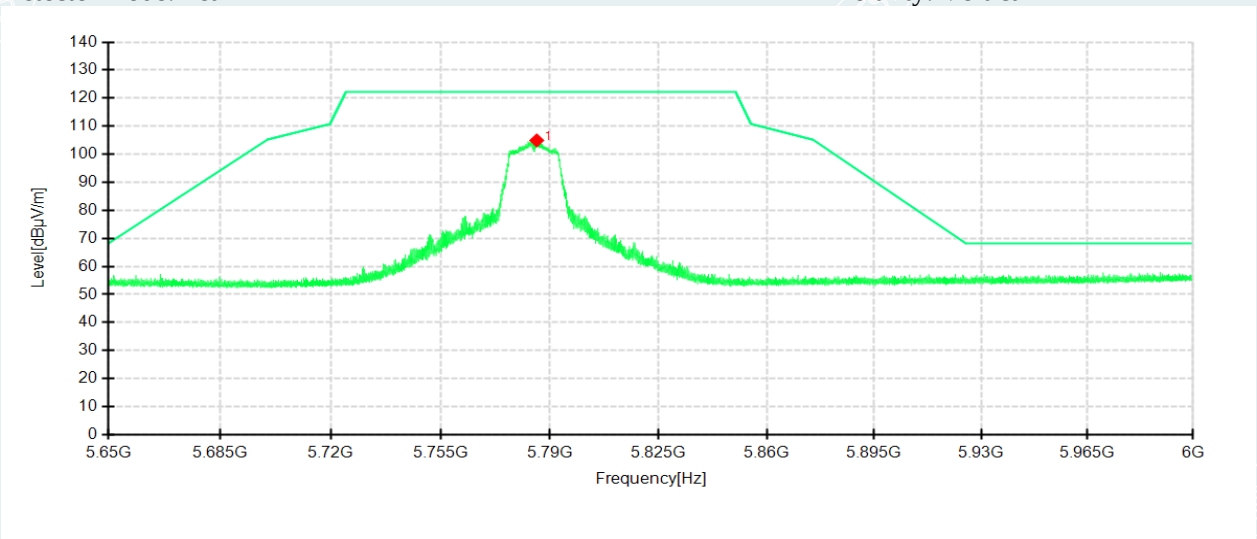
No.	Frequency MHz	Reading dBµV/m	Level dBµV/m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5745.7525	80.86	98.03	17.17	122.20	24.17	100	56	Horizontal	/
1	5743.7225	87.77	104.90	17.13	122.20	17.30	200	25	Vertical	/

802.11a mode/5785MHz

Detector mode: Peak Polarity: Horizontal



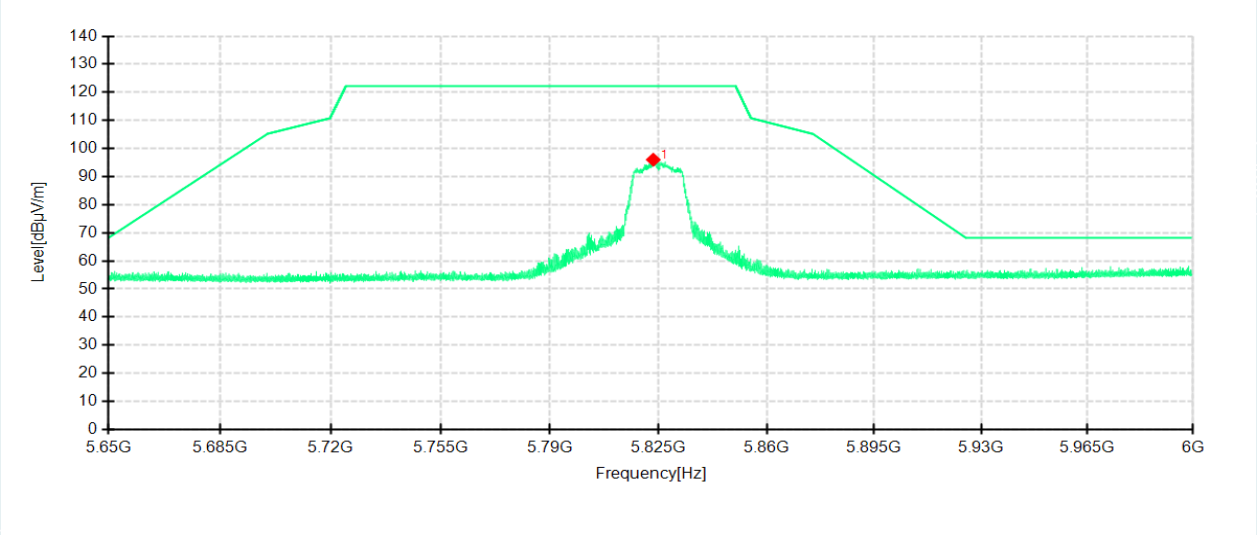
Detector mode: Peak Polarity: Vertical



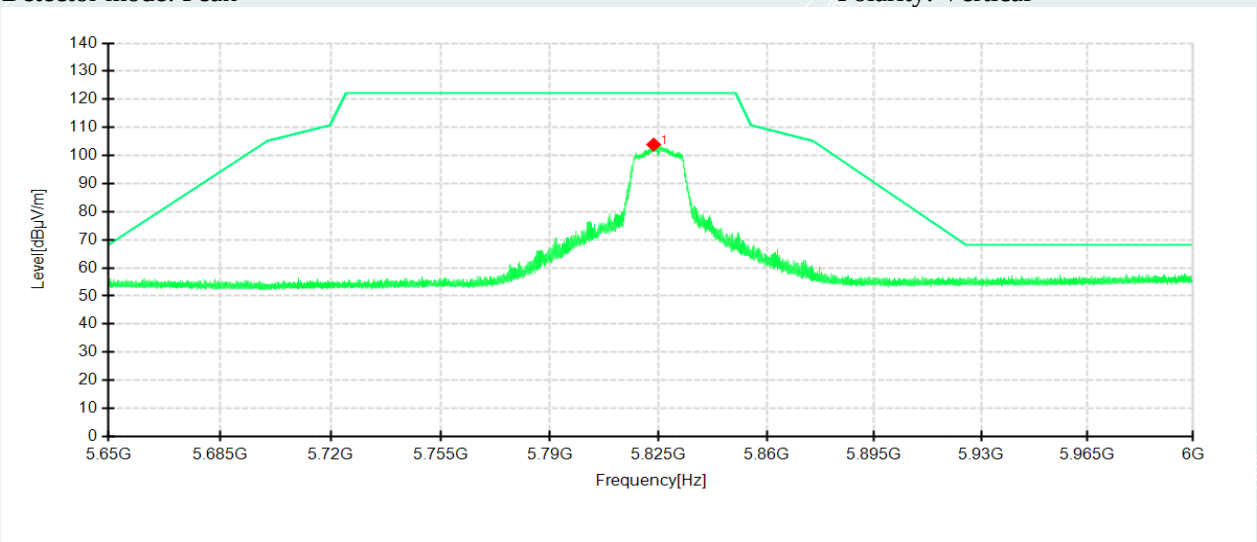
No.	Frequency MHz	Reading dBµV/m	Level dBµV/m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5783.3150	80.08	97.20	17.12	122.20	25.00	100	48	Horizontal	/
1	5785.7475	87.82	104.93	17.11	122.20	17.27	200	33	Vertical	/

802.11a mode/5825MHz

Detector mode: Peak Polarity: Horizontal



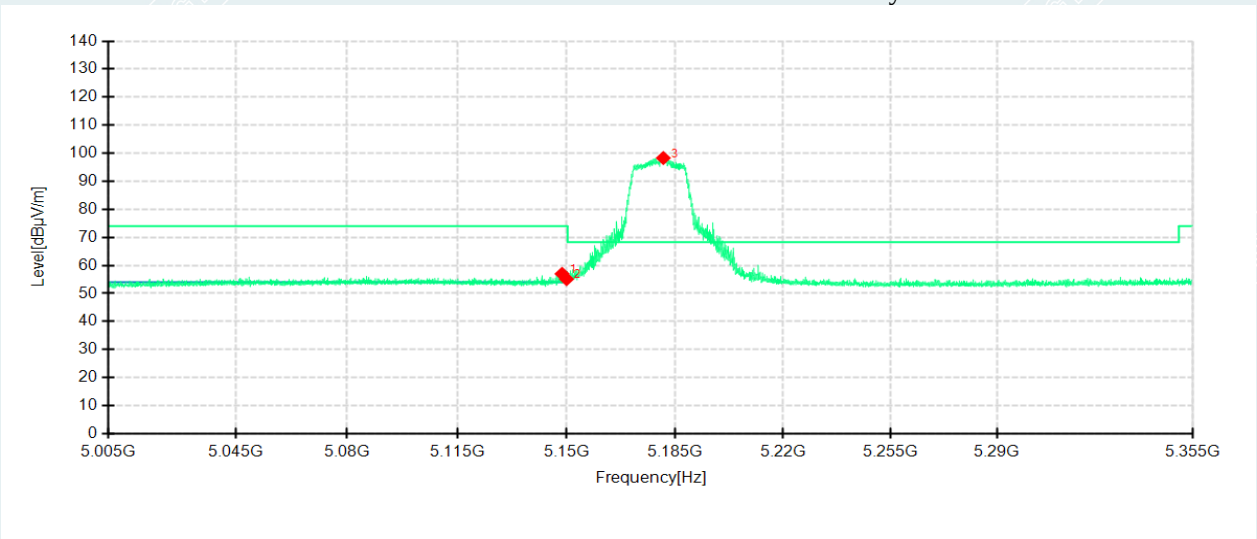
Detector mode: Peak Polarity: Vertical



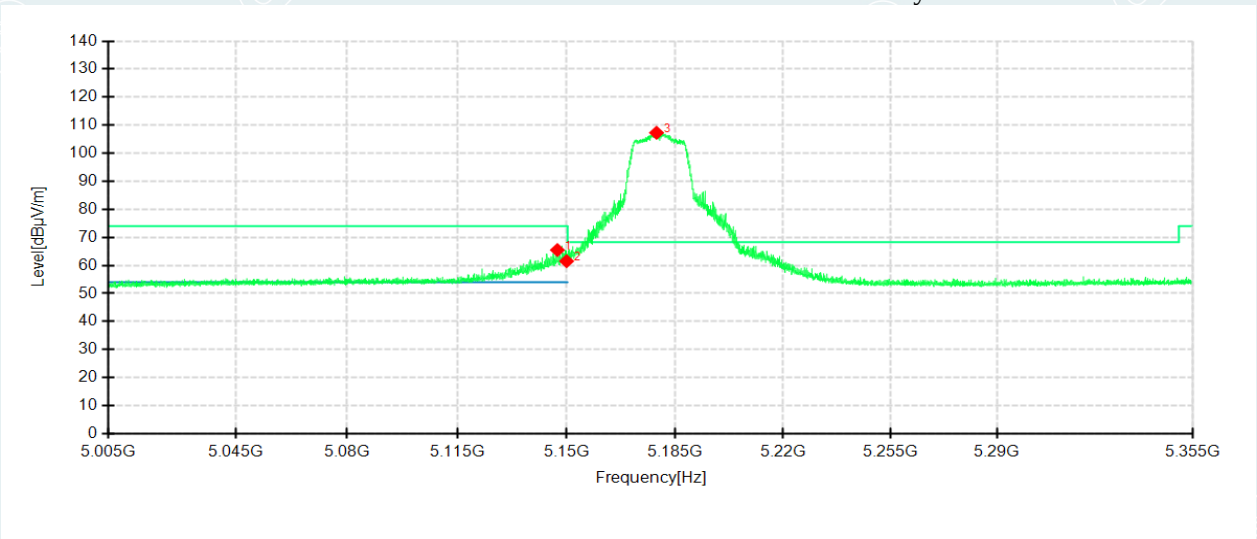
No.	Frequency MHz	Reading dBµV/m	Level dBµV/m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5823.2325	78.94	96.01	17.07	122.20	26.19	100	56	Horizontal	/
1	5823.3375	86.81	103.88	17.07	122.20	18.32	200	41	Vertical	/

802.11n HT20 mode/5180MHz

Detector mode: Peak Polarity: Horizontal



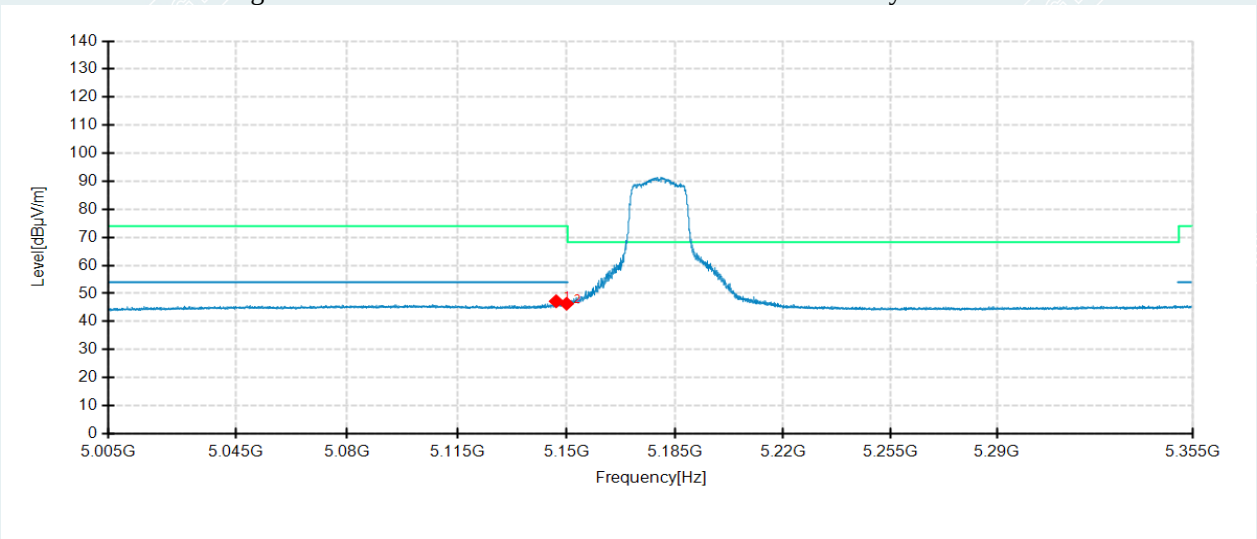
Detector mode: Peak Polarity: Vertical



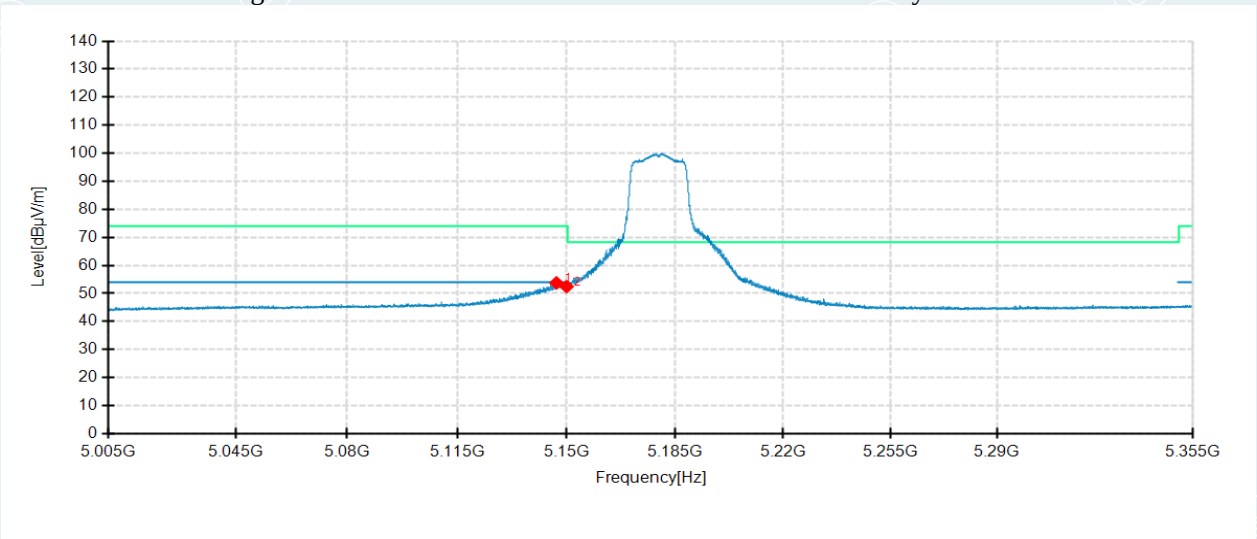
No.	Frequency MHz	Reading dBµV/m	Level dBµV/m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5148.5438	43.19	56.99	13.80	74.00	17.01	100	49	Horizontal	/
2	5150.0000	41.34	55.11	13.77	74.00	18.89	100	49	Horizontal	/
3	5181.1375	83.77	98.30	14.53	68.30	-30.00	100	56	Horizontal	No limit
1	5147.0563	51.64	65.47	13.83	74.00	8.53	200	37	Vertical	/
2	5150.0000	47.73	61.50	13.77	74.00	12.50	200	43	Vertical	/
3	5178.9500	92.82	107.30	14.48	68.30	-39.00	200	43	Vertical	No limit

802.11n HT20 mode/5180MHz

Detector mode: Average Polarity: Horizontal



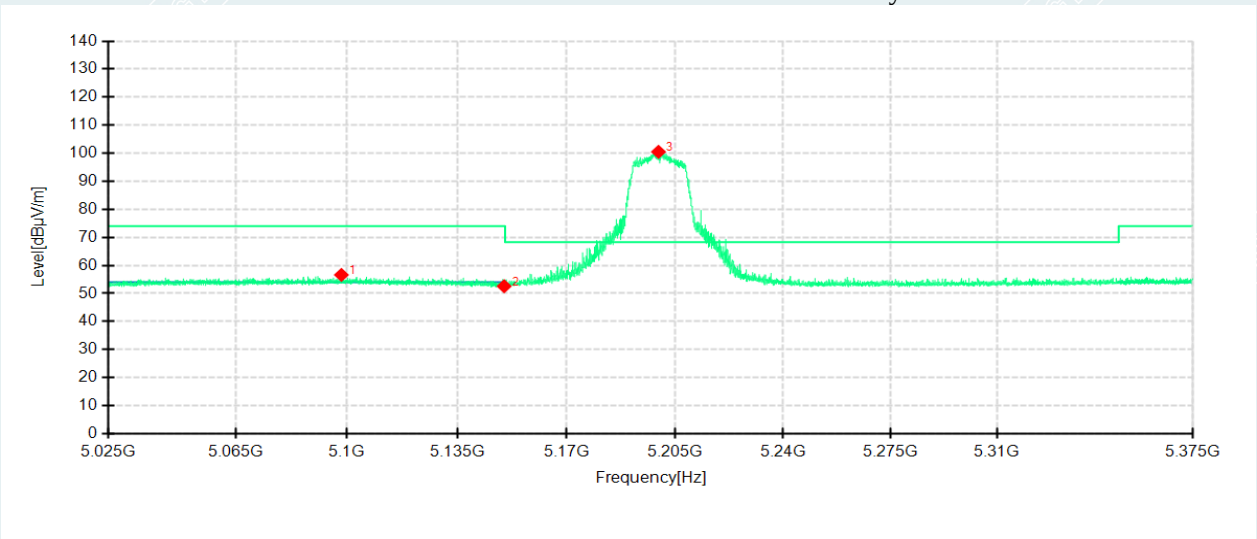
Detector mode: Average Polarity: Vertical



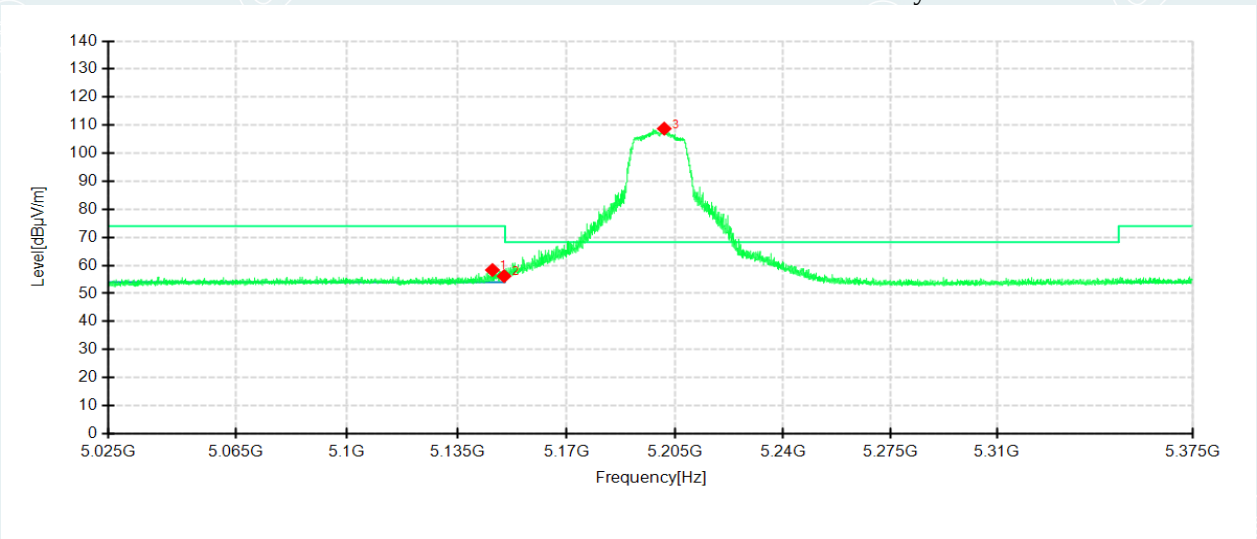
No.	Frequency MHz	Reading dBµV/m	Level dBµV/m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5146.6625	33.36	47.20	13.84	54.00	6.80	100	56	Horizontal	/
2	5150.0000	32.57	46.34	13.77	54.00	7.66	100	56	Horizontal	/
1	5146.7500	39.92	53.76	13.84	54.00	0.24	100	142	Vertical	/
2	5150.0000	38.66	52.43	13.77	54.00	1.57	200	55	Vertical	/

802.11n HT20 mode/5200MHz

Detector mode: Peak Polarity: Horizontal



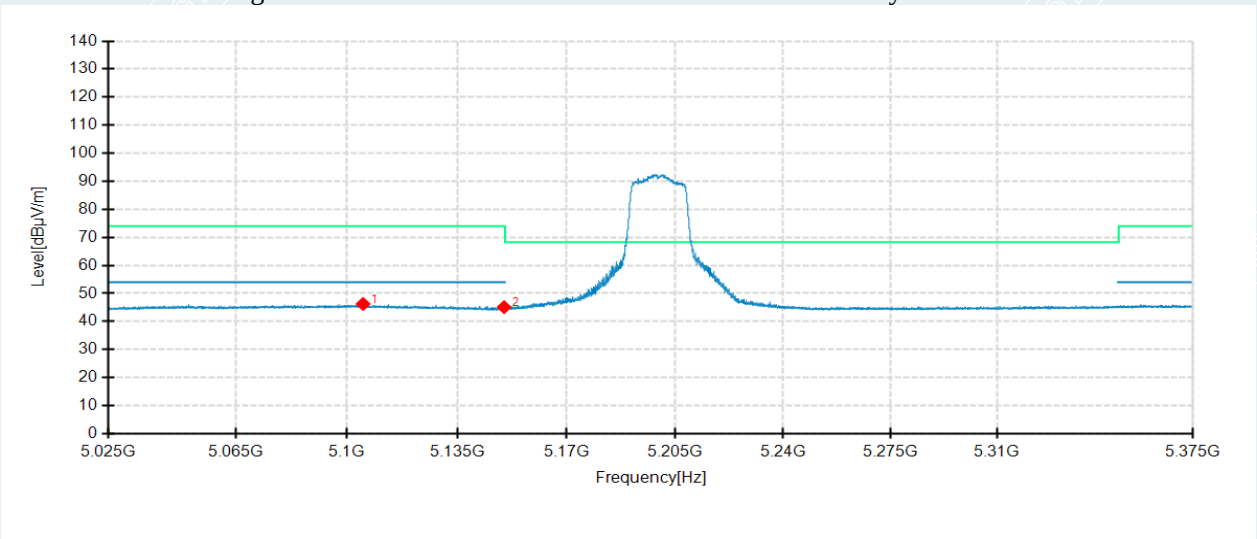
Detector mode: Peak Polarity: Vertical



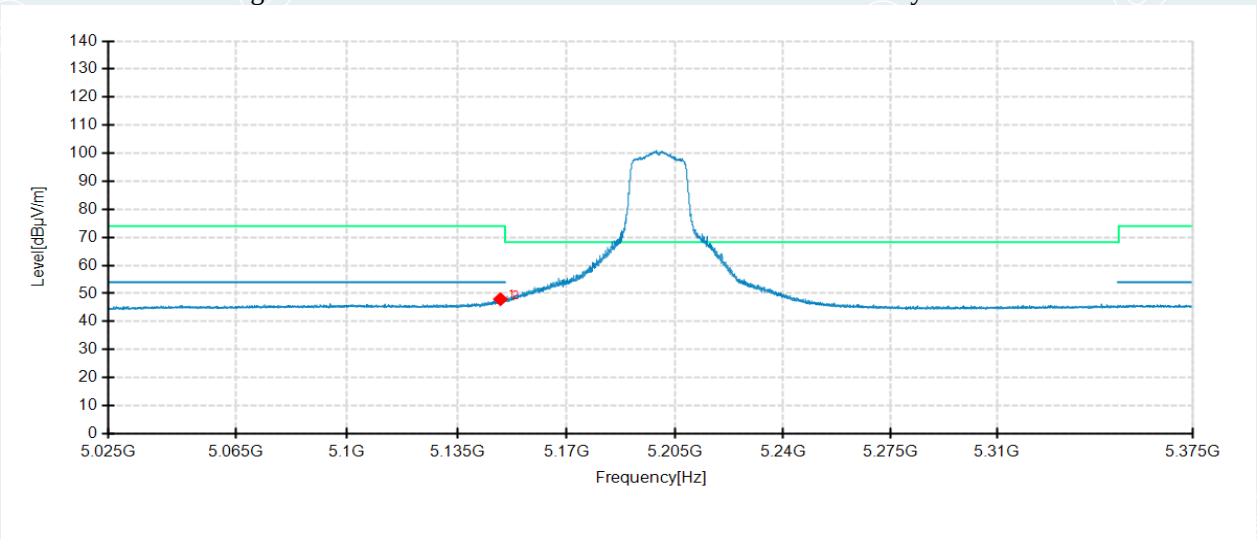
No.	Frequency MHz	Reading dBµV/m	Level dBµV/m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5098.2375	41.78	56.61	14.83	74.00	17.39	200	142	Horizontal	/
2	5150.0000	38.80	52.57	13.77	74.00	21.43	200	360	Horizontal	/
3	5199.6063	85.52	100.50	14.98	68.30	-32.20	100	56	Horizontal	No limit
1	5146.2750	44.50	58.35	13.85	74.00	15.65	200	56	Vertical	/
2	5150.0000	42.41	56.18	13.77	74.00	17.82	200	218	Vertical	/
3	5201.4438	93.79	108.76	14.97	68.30	-40.46	100	142	Vertical	No limit

802.11n HT20 mode/5200MHz

Detector mode: Average Polarity: Horizontal



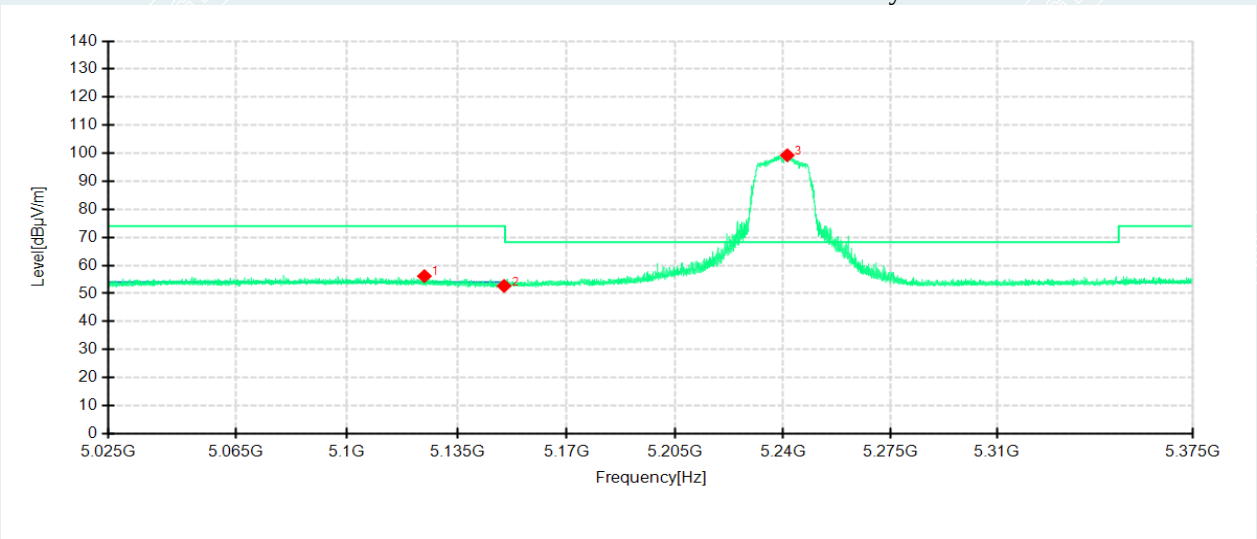
Detector mode: Average Polarity: Vertical



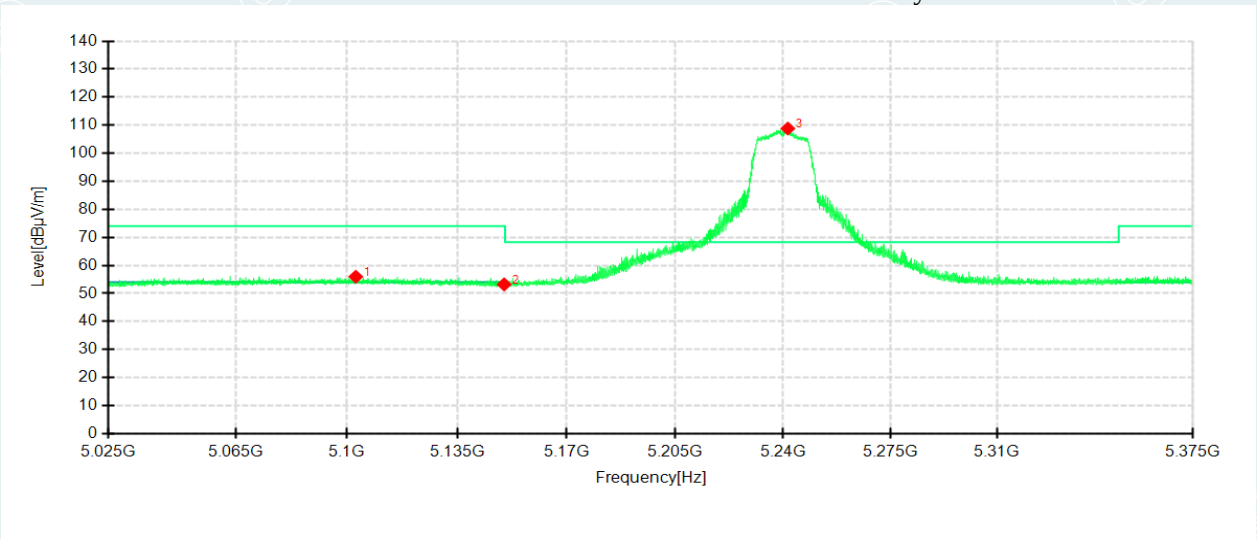
No.	Frequency MHz	Reading dBµV/m	Level dBµV/m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5105.1063	31.52	46.26	14.74	54.00	7.74	100	218	Horizontal	/
2	5150.0000	31.34	45.11	13.77	54.00	8.89	200	338	Horizontal	/
1	5148.8125	34.15	47.95	13.80	54.00	6.05	100	142	Vertical	/
2	5150.0000	33.80	47.57	13.77	54.00	6.43	200	218	Vertical	/

802.11n HT20 mode/5240MHz

Detector mode: Peak Polarity: Horizontal



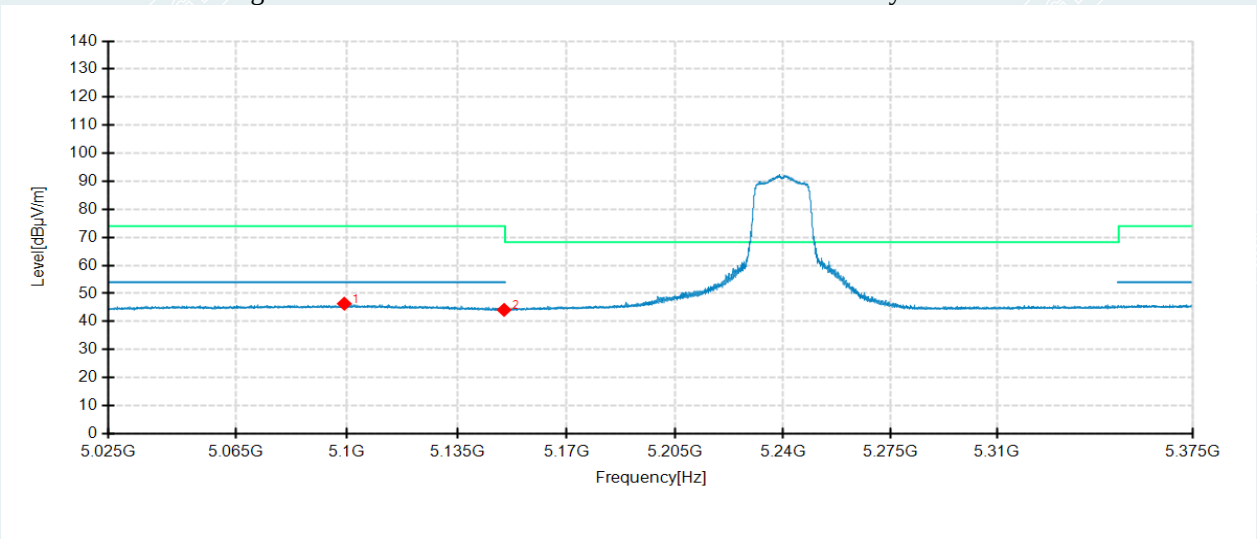
Detector mode: Peak Polarity: Vertical



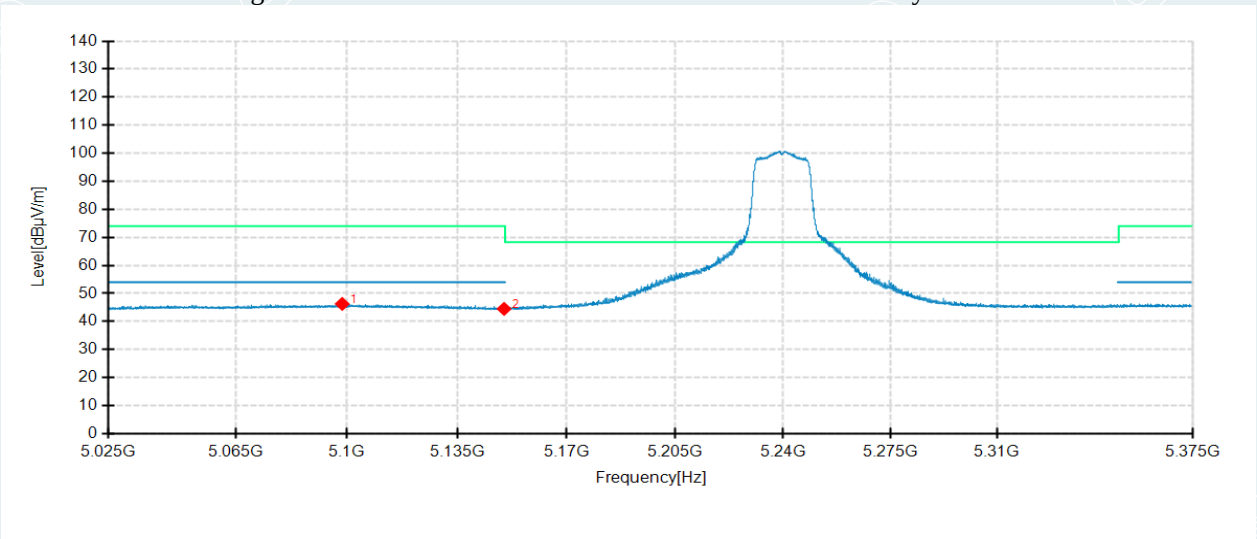
No.	Frequency MHz	Reading dBµV/m	Level dBµV/m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5124.5750	41.86	56.18	14.32	74.00	17.82	100	218	Horizontal	/
2	5150.0000	38.91	52.68	13.77	74.00	21.32	100	137	Horizontal	/
3	5241.3438	84.96	99.28	14.32	68.30	-30.98	100	57	Horizontal	No limit
1	5102.7875	41.18	55.97	14.79	74.00	18.03	100	142	Vertical	/
2	5150.0000	39.45	53.22	13.77	74.00	20.78	100	203	Vertical	/
3	5241.5188	94.48	108.80	14.32	68.30	-40.50	200	15	Vertical	No limit

802.11n HT20 mode/5240MHz

Detector mode: Average Polarity: Horizontal



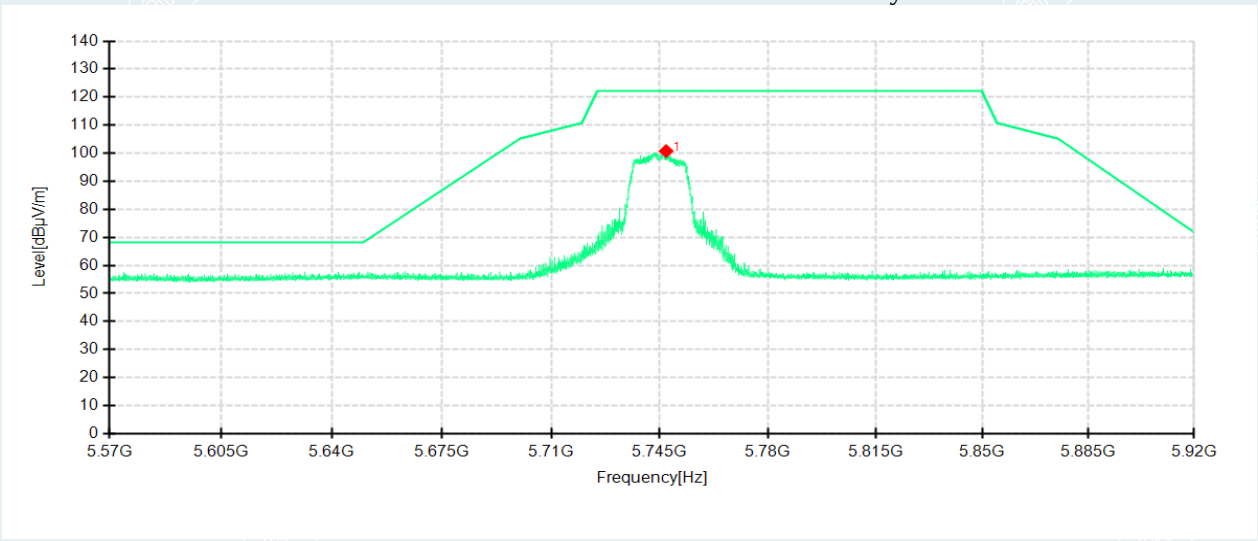
Detector mode: Average Polarity: Vertical



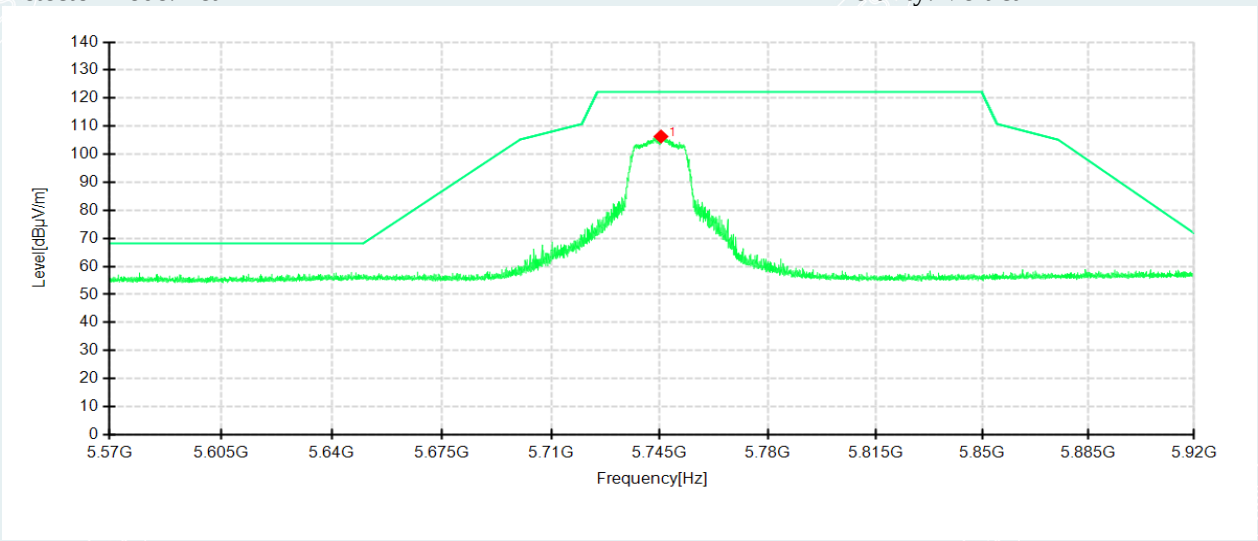
No.	Frequency MHz	Reading dBµV/m	Level dBµV/m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5099.1563	31.51	46.35	14.84	54.00	7.65	100	82	Horizontal	/
2	5150.0000	30.37	44.14	13.77	54.00	9.86	200	169	Horizontal	/
1	5098.5000	31.42	46.26	14.84	54.00	7.74	100	142	Vertical	/
2	5150.0000	30.73	44.50	13.77	54.00	9.50	200	218	Vertical	/

802.11n HT20 mode/5745MHz

Detector mode: Peak Polarity: Horizontal



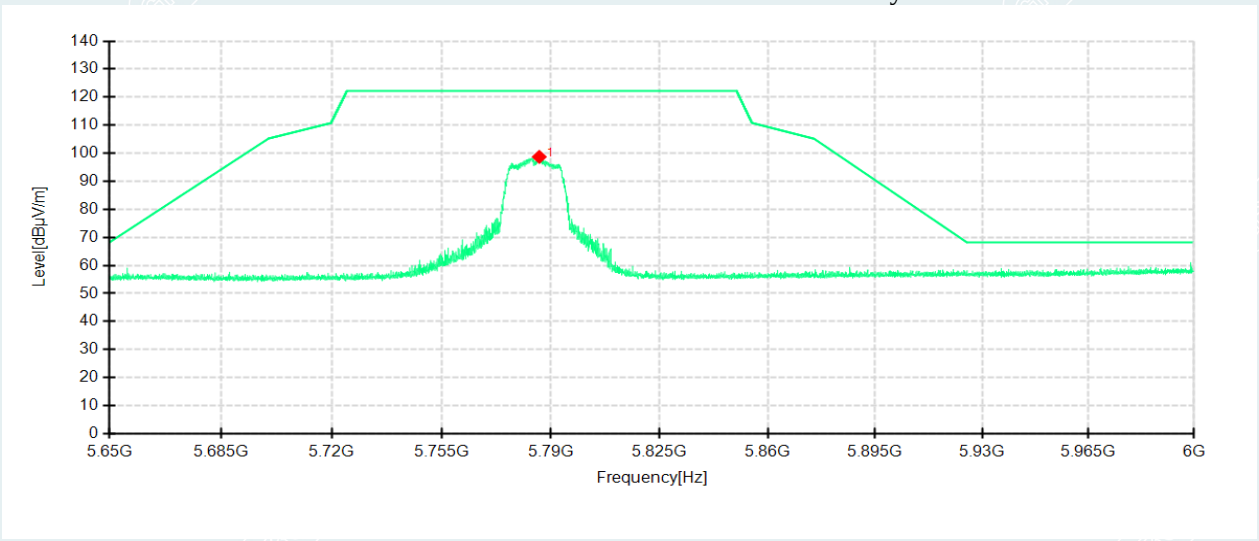
Detector mode: Peak Polarity: Vertical



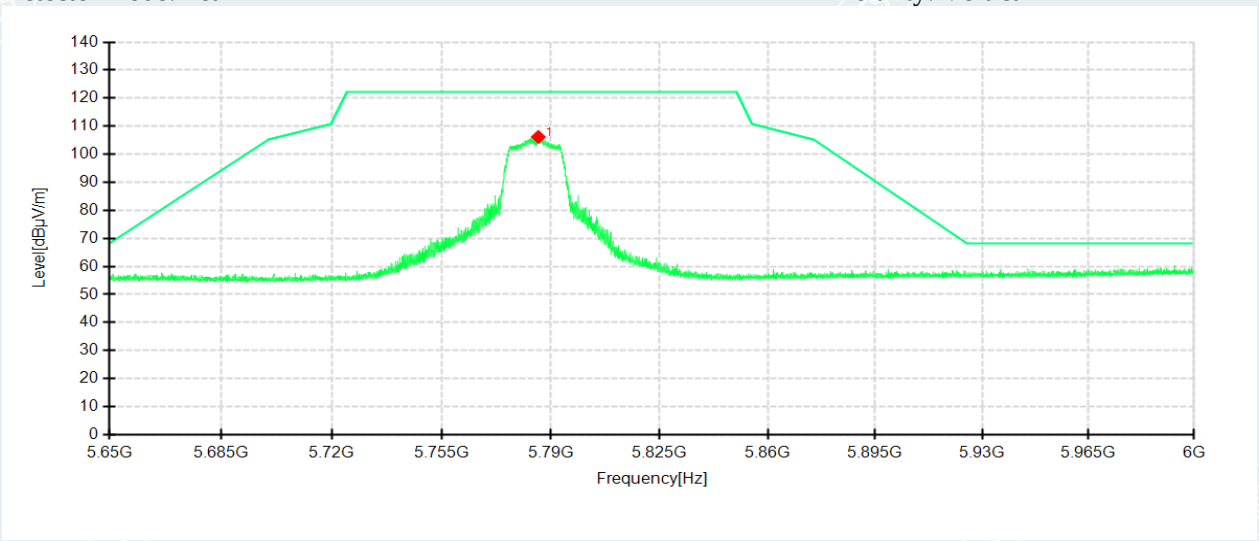
No.	Frequency MHz	Reading dBµV/m	Level dBµV/m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5747.0125	83.56	100.76	17.20	122.20	21.44	100	54	Horizontal	/
1	5745.3500	89.16	106.32	17.16	122.20	15.88	200	9	Vertical	/

802.11n HT20 mode/5785MHz

Detector mode: Peak Polarity: Horizontal



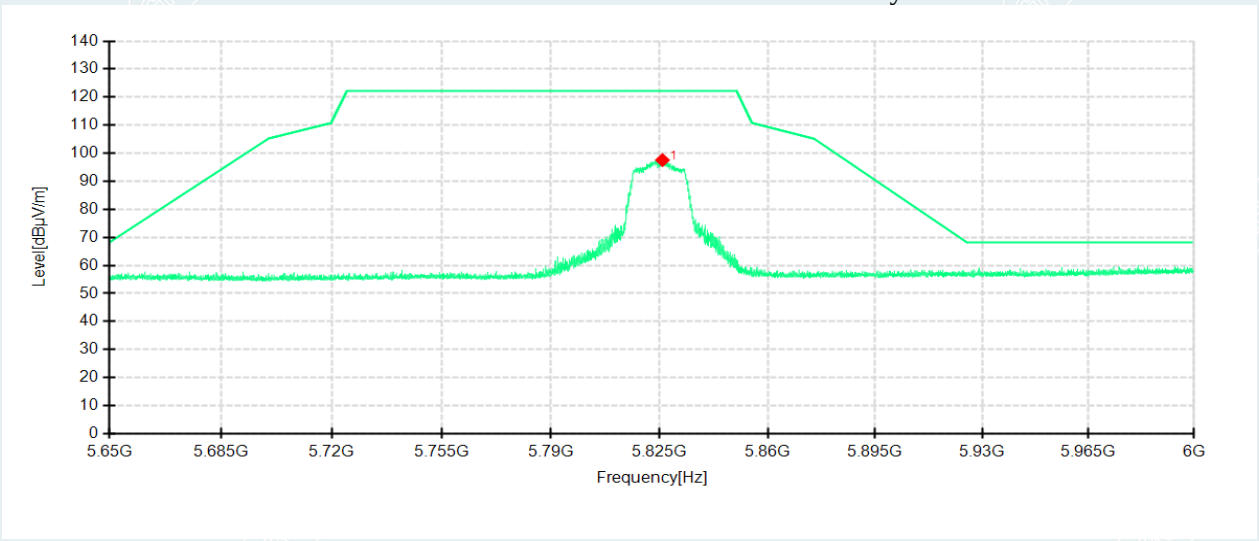
Detector mode: Peak Polarity: Vertical



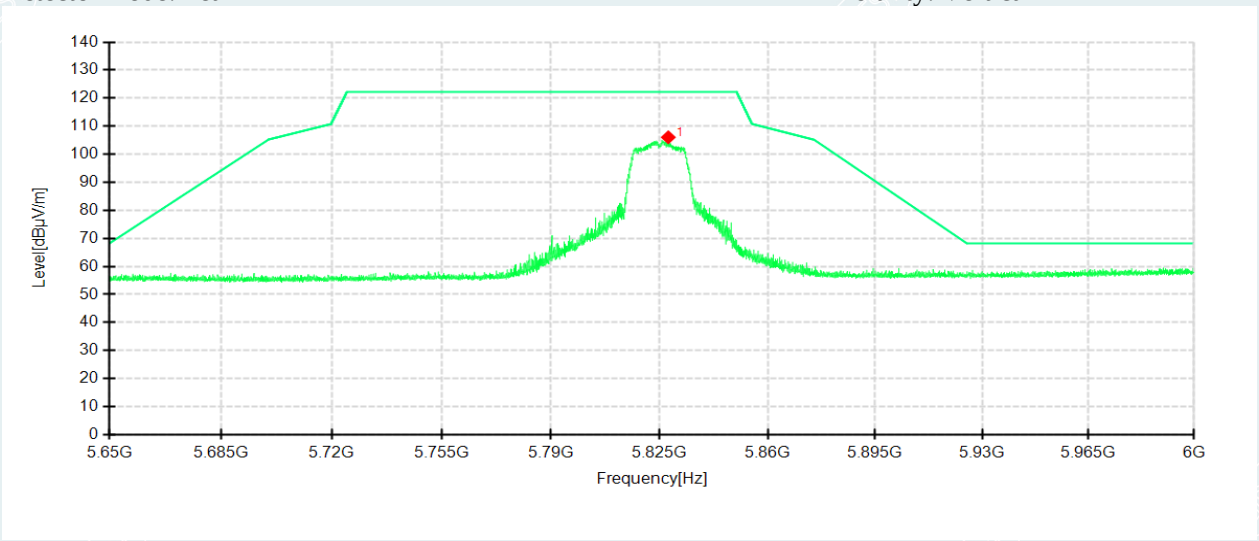
No.	Frequency MHz	Reading dBµV/m	Level dBµV/m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5786.2375	81.59	98.70	17.11	122.20	23.50	100	61	Horizontal	/
1	5785.9313	89.07	106.18	17.11	122.20	16.02	200	34	Vertical	/

802.11n HT20 mode/5825MHz

Detector mode: Peak Polarity: Horizontal



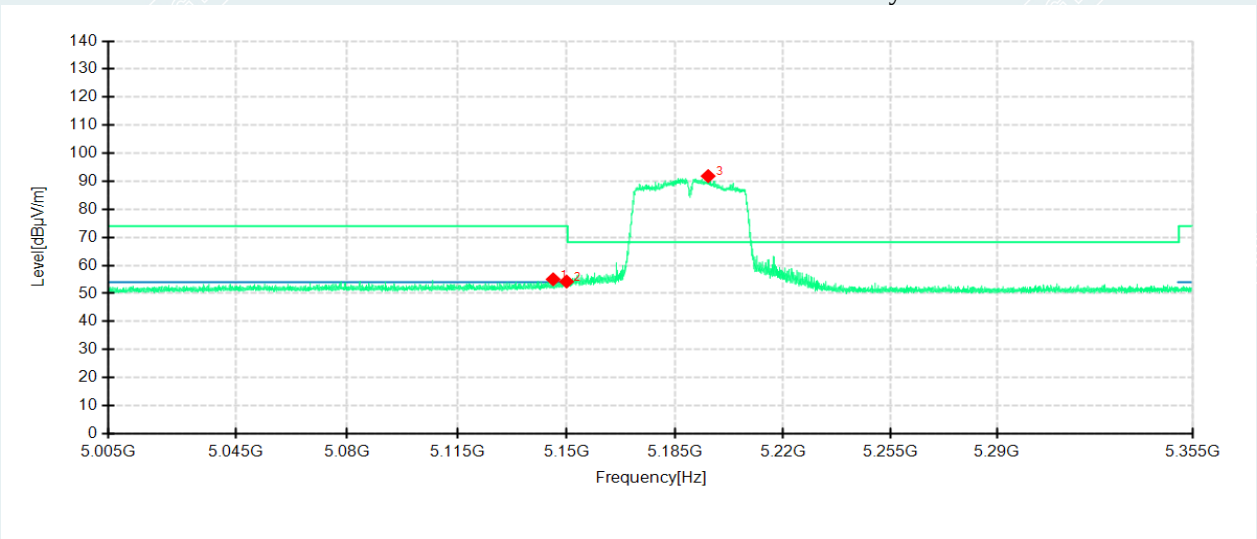
Detector mode: Peak Polarity: Vertical



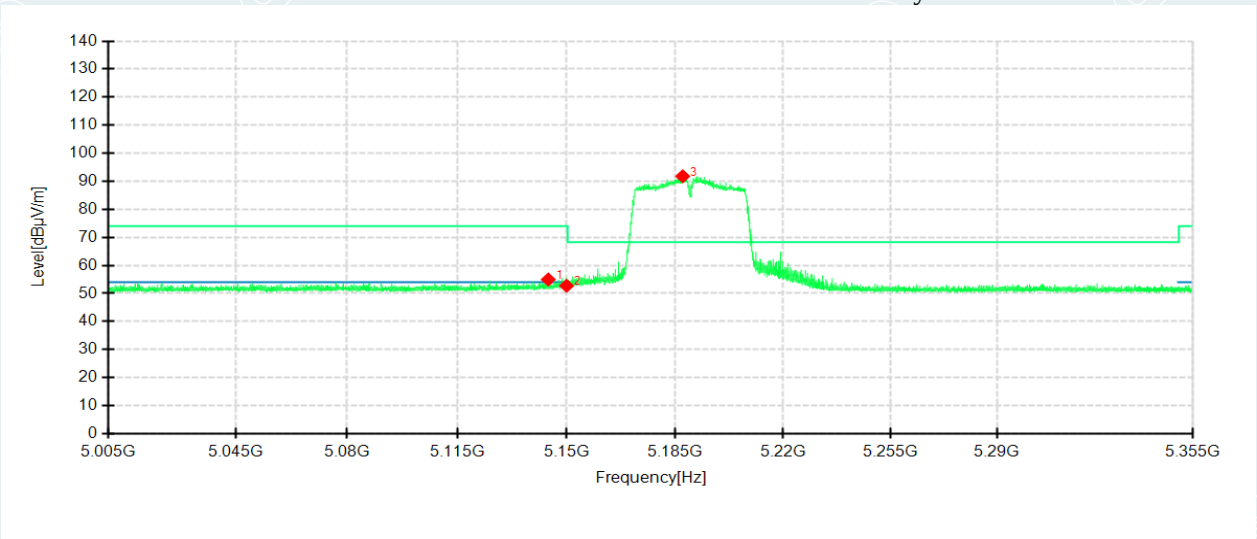
No.	Frequency MHz	Reading dBµV/m	Level dBµV/m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5825.8750	80.46	97.54	17.08	122.20	24.66	100	48	Horizontal	/
1	5827.7563	88.97	106.05	17.08	122.20	16.15	200	34	Vertical	/

802.11n HT40 mode/5190MHz

Detector mode: Peak Polarity: Horizontal



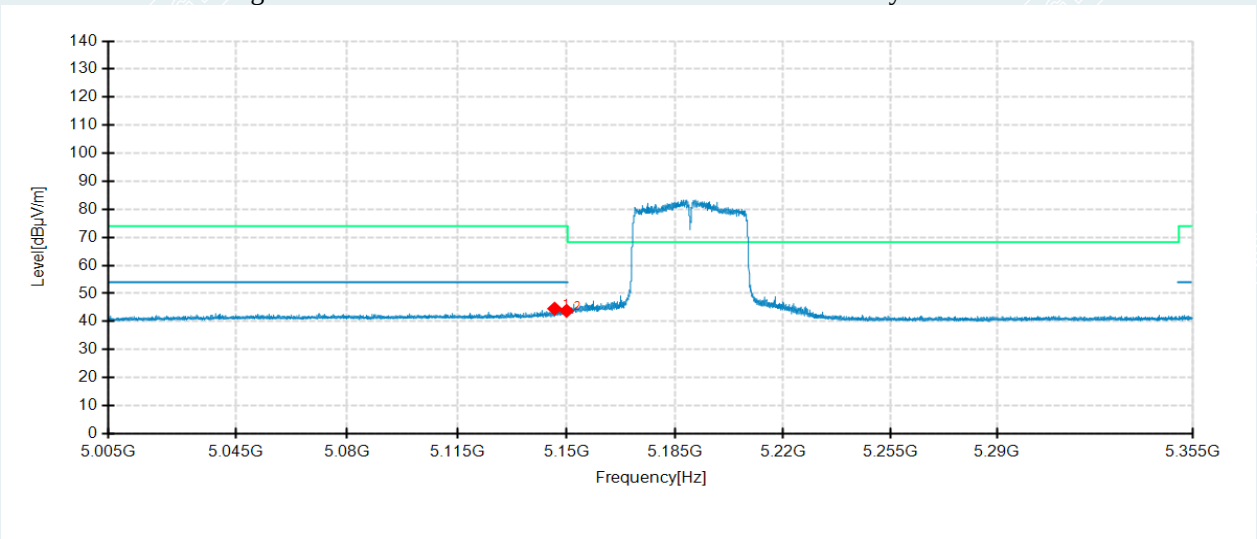
Detector mode: Peak Polarity: Vertical



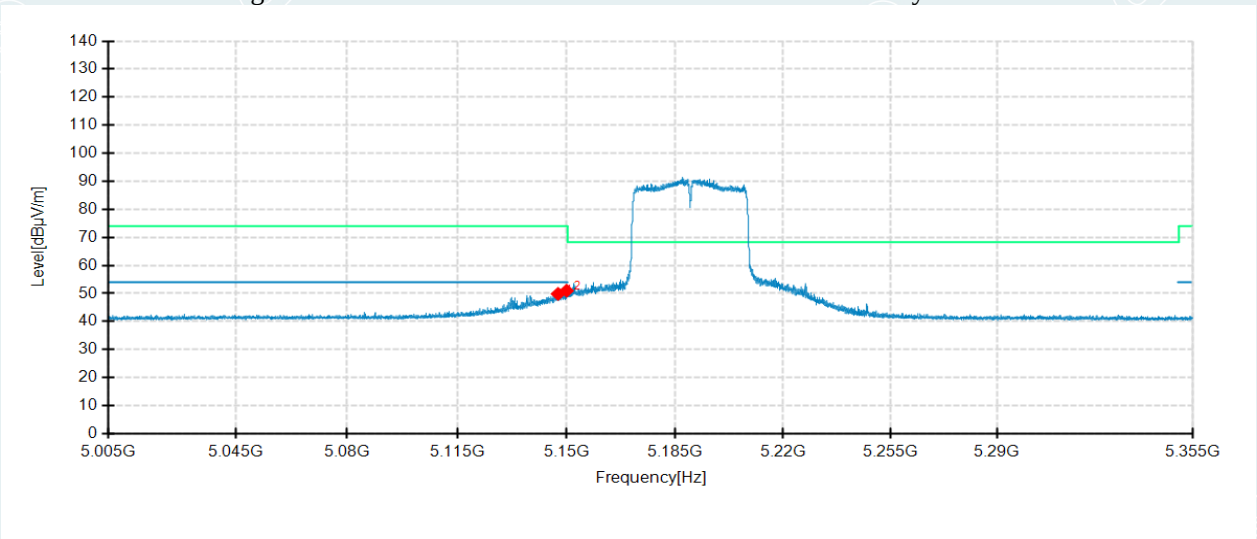
No.	Frequency MHz	Reading dBµV/m	Level dBµV/m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5145.7000	40.84	55.03	14.19	74.00	18.97	100	233	Horizontal	/
2	5150.0000	40.06	54.24	14.18	74.00	19.76	100	230	Horizontal	/
3	5195.6450	77.90	91.84	13.94	68.30	-23.54	200	201	Horizontal	No limit
1	5144.1250	40.90	54.98	14.08	74.00	19.02	100	232	Vertical	/
2	5150.0000	38.64	52.72	14.08	74.00	21.28	100	232	Vertical	/
3	5187.4200	77.74	91.78	14.04	68.30	-23.48	200	202	Vertical	No limit

802.11n HT40 mode/5190MHz

Detector mode: Average Polarity: Horizontal



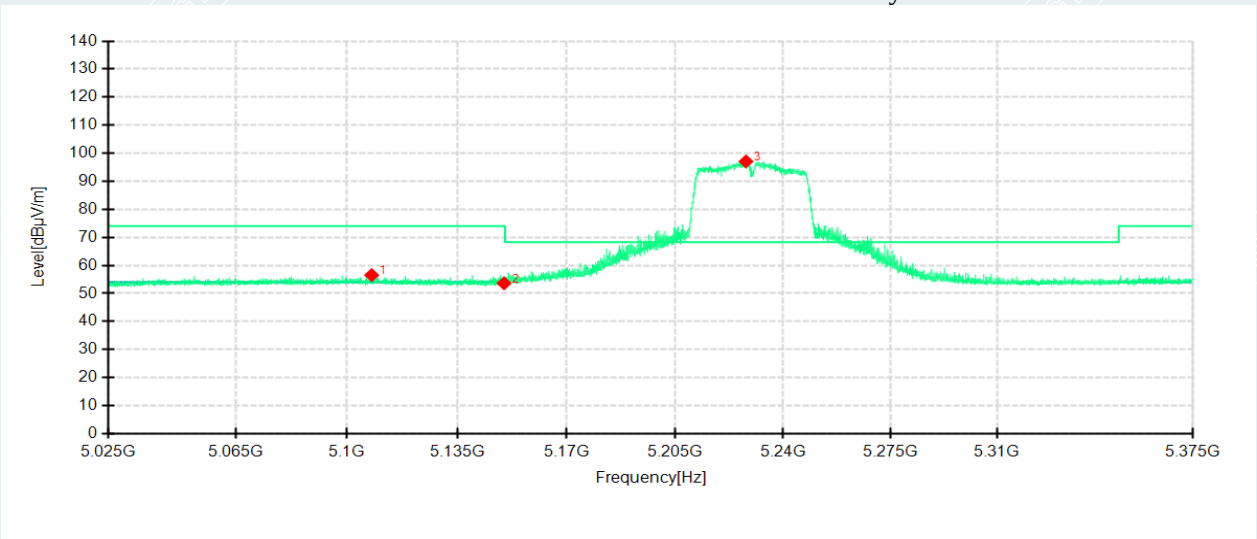
Detector mode: Average Polarity: Vertical



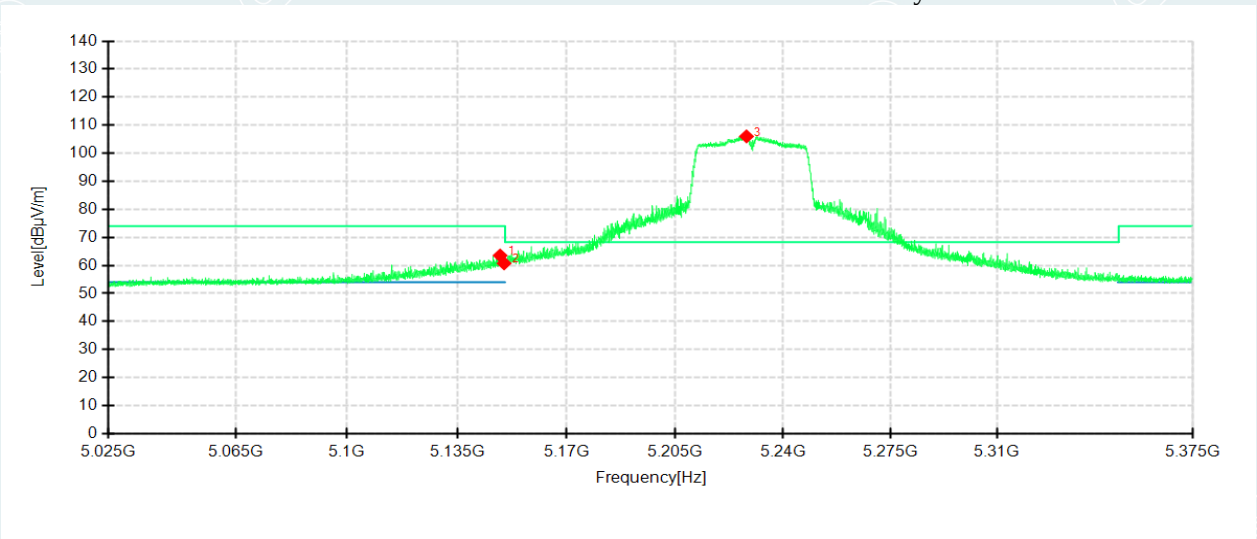
No.	Frequency MHz	Reading dBµV/m	Level dBµV/m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5146.1550	30.37	44.56	14.19	54.00	9.44	100	231	Horizontal	/
2	5150.0000	29.62	43.80	14.18	54.00	10.20	100	234	Horizontal	/
1	5147.2750	35.77	49.85	14.08	54.00	4.15	100	223	Vertical	/
2	5150.0000	36.88	50.96	14.08	54.00	3.04	100	223	Vertical	/

802.11n HT40 mode/5230MHz

Detector mode: Peak Polarity: Horizontal



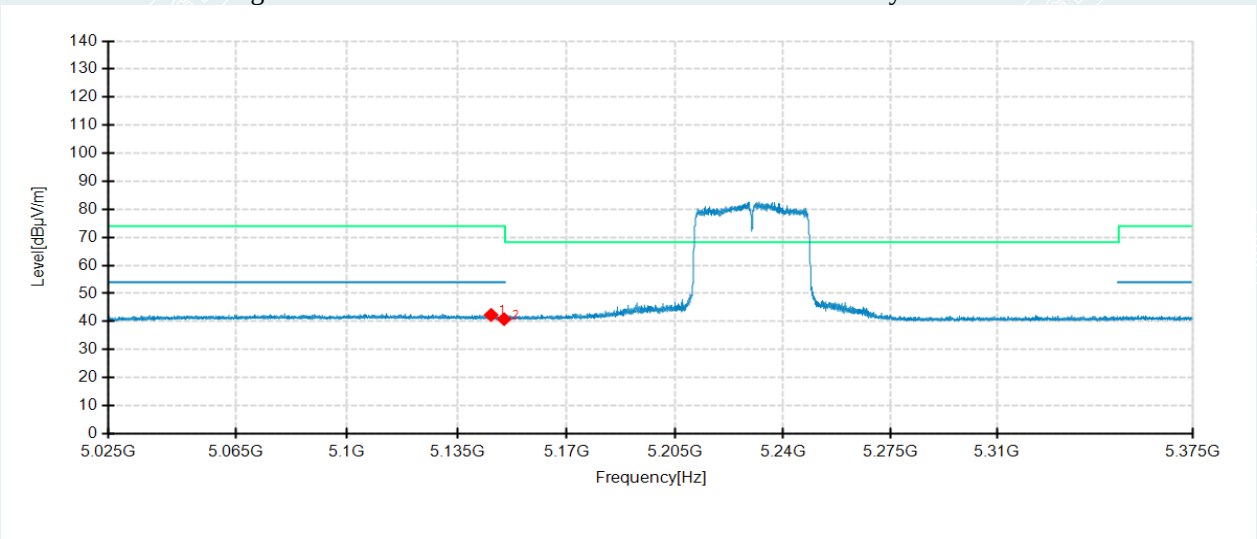
Detector mode: Peak Polarity: Vertical



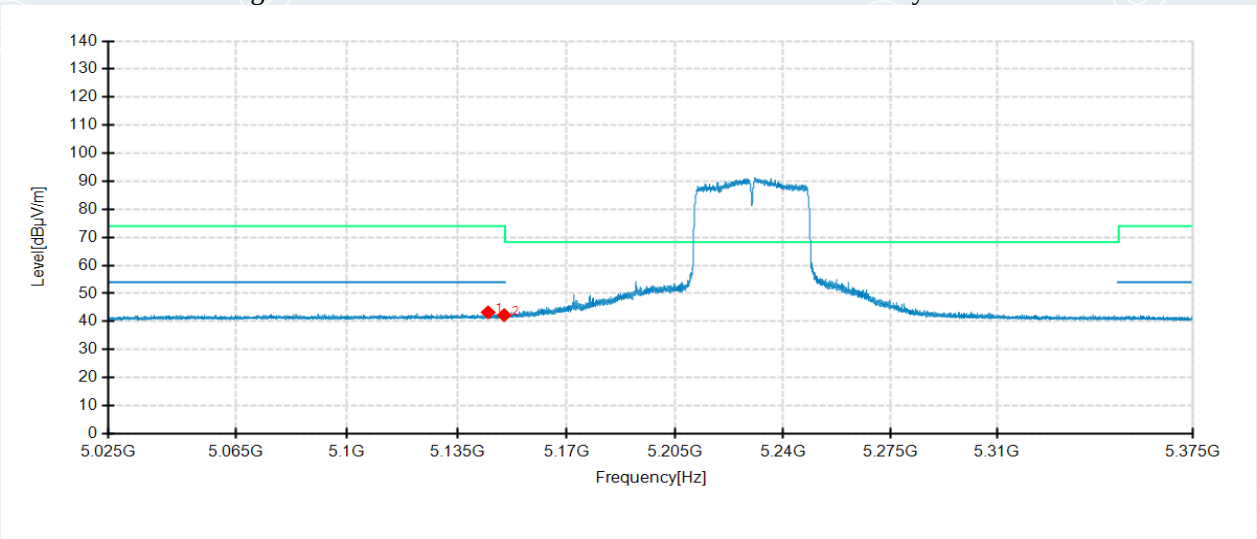
No.	Frequency MHz	Reading dBµV/m	Level dBµV/m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5107.8188	41.85	56.53	14.68	74.00	17.47	200	218	Horizontal	/
2	5150.0000	39.86	53.63	13.77	74.00	20.37	200	218	Horizontal	/
3	5227.9125	82.53	97.07	14.54	68.30	-28.77	100	142	Horizontal	No limit
1	5148.7250	49.73	63.53	13.80	74.00	10.47	200	142	Vertical	/
2	5150.0000	46.94	60.71	13.77	74.00	13.29	100	2	Vertical	/
3	5228.0875	91.47	106.00	14.53	68.30	-37.70	200	142	Vertical	No limit

802.11n HT40 mode/5230MHz

Detector mode: Average Polarity: Horizontal



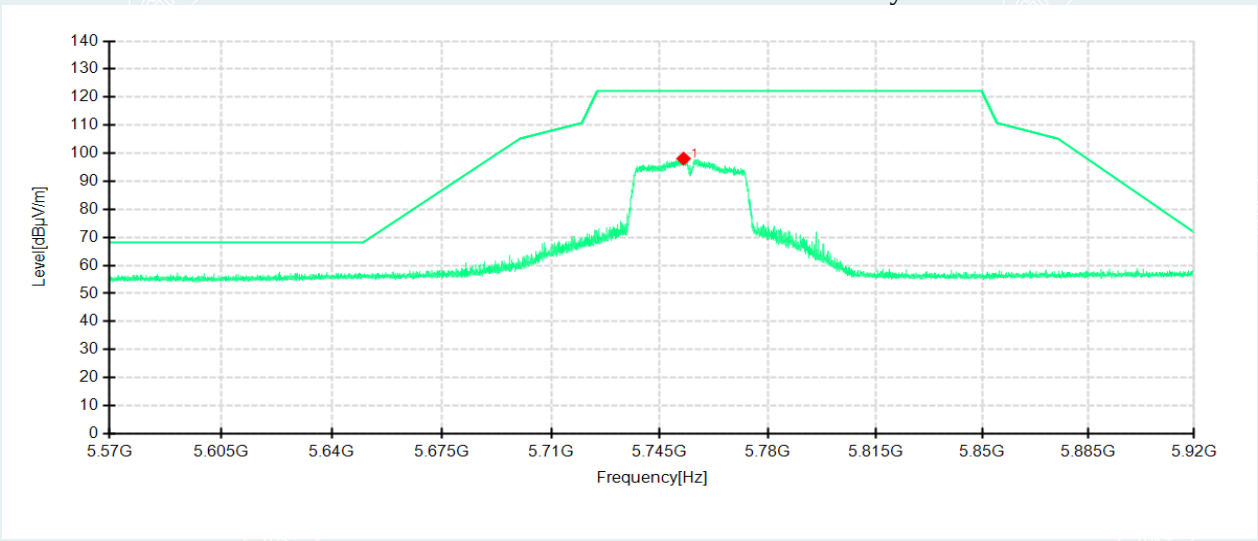
Detector mode: Average Polarity: Vertical



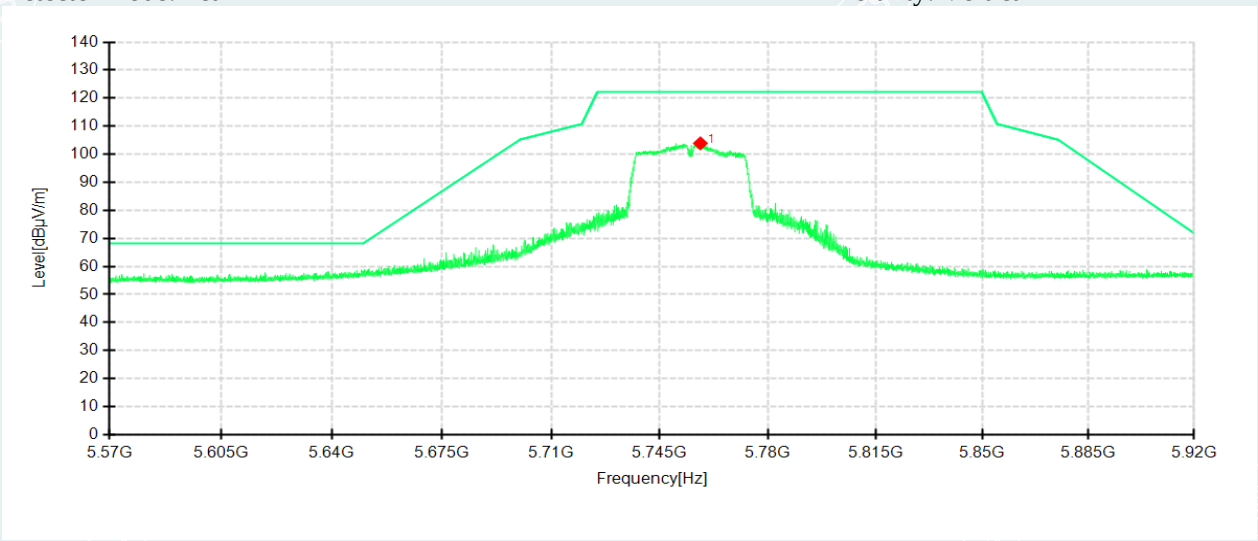
No.	Frequency MHz	Reading dBµV/m	Level dBµV/m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5145.8550	28.14	42.33	14.19	54.00	11.67	200	133	Horizontal	/
2	5150.0000	26.65	40.83	14.18	54.00	13.17	200	237	Horizontal	/
1	5144.9100	29.17	43.25	14.08	54.00	10.75	100	207	Vertical	/
2	5150.0000	28.20	42.28	14.08	54.00	11.72	100	223	Vertical	/

802.11n HT40 mode/5755MHz

Detector mode: Peak Polarity: Horizontal



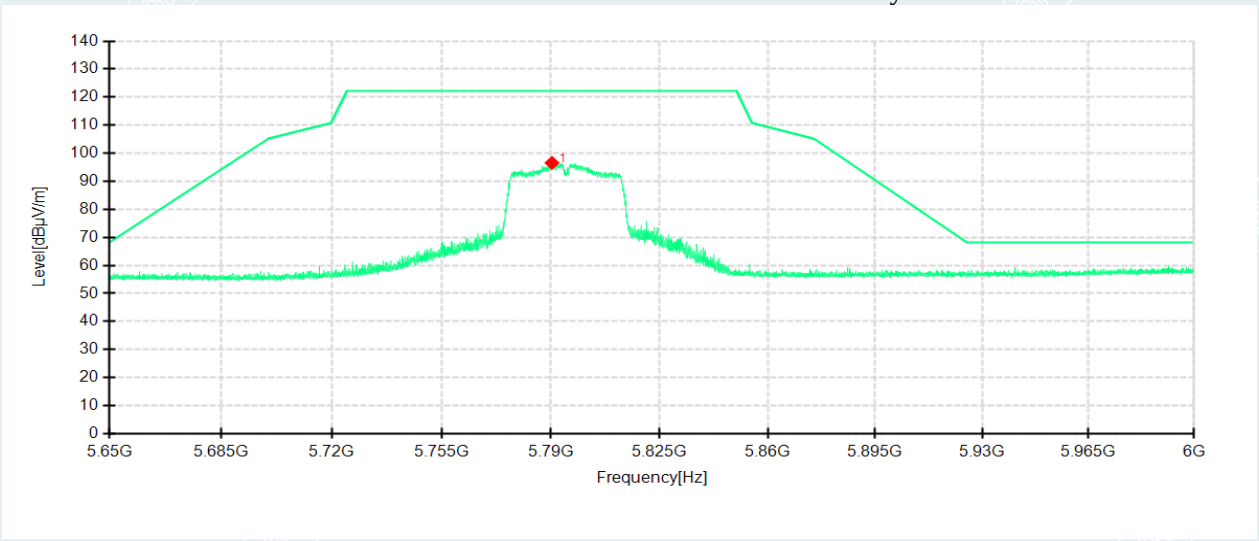
Detector mode: Peak Polarity: Vertical



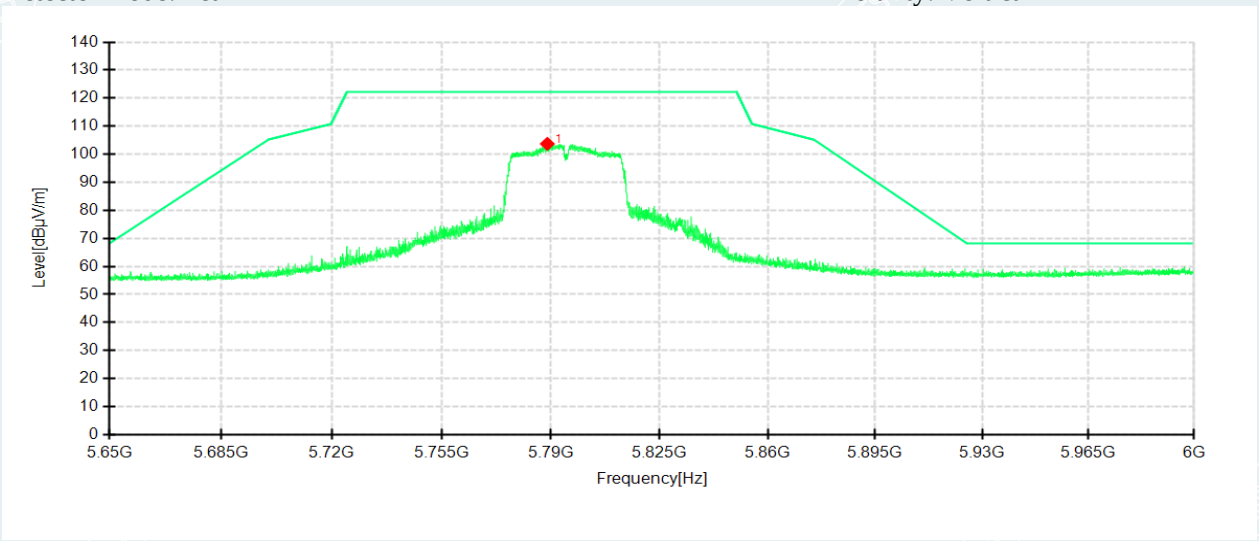
No.	Frequency MHz	Reading dBµV/m	Level dBµV/m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5752.6563	80.83	98.07	17.24	122.20	24.13	100	61	Horizontal	/
1	5758.0813	86.67	103.89	17.22	122.20	18.31	200	34	Vertical	/

802.11n HT40 mode/5795MHz

Detector mode: Peak Polarity: Horizontal



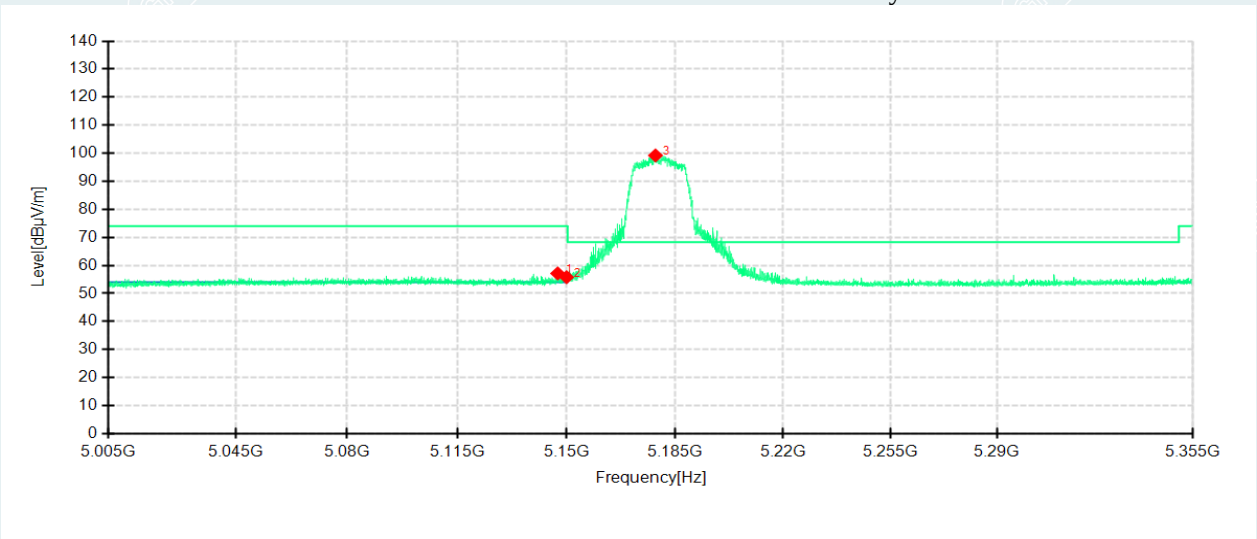
Detector mode: Peak Polarity: Vertical



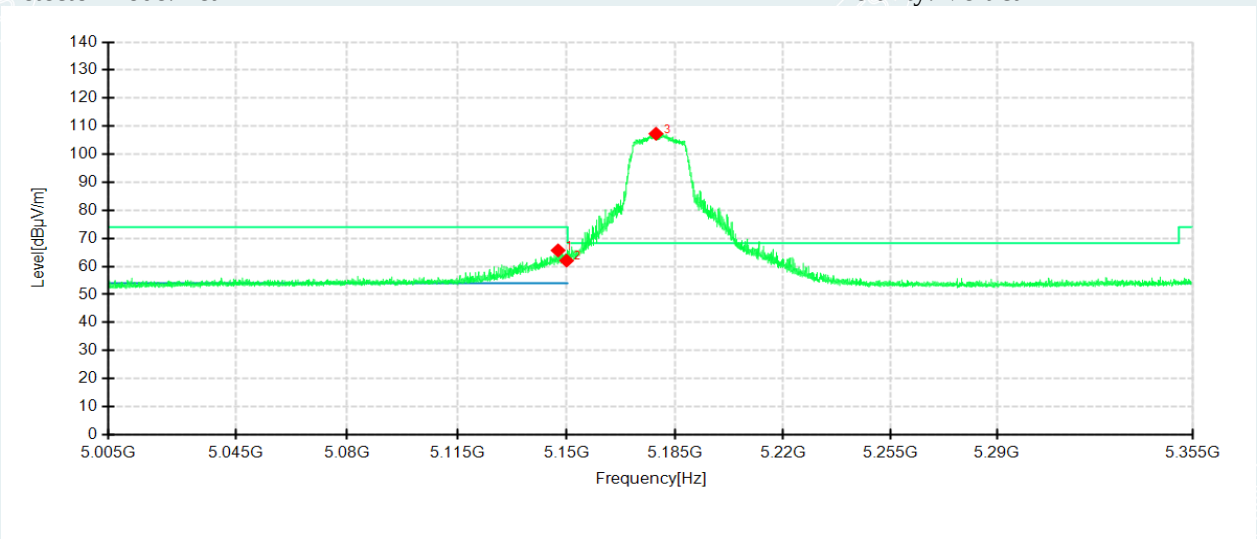
No.	Frequency MHz	Reading dBµV/m	Level dBµV/m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5790.3063	79.47	96.57	17.10	122.20	25.63	100	61	Horizontal	/
1	5788.8188	86.61	103.71	17.10	122.20	18.49	200	3	Vertical	/

802.11ac VHT20 mode/5180MHz

Detector mode: Peak Polarity: Horizontal



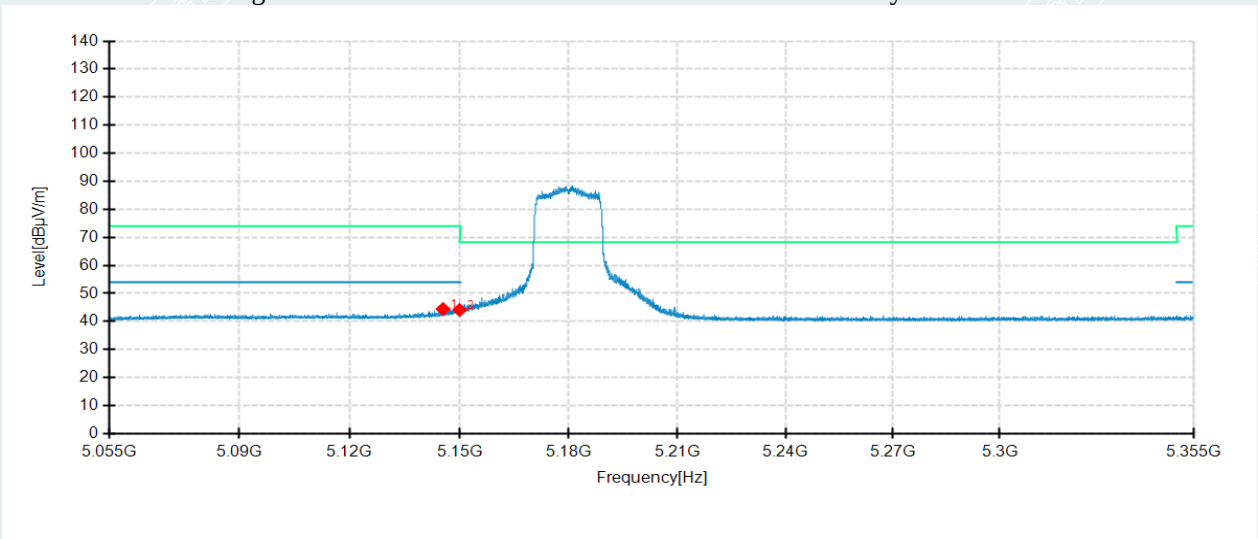
Detector mode: Peak Polarity: Vertical



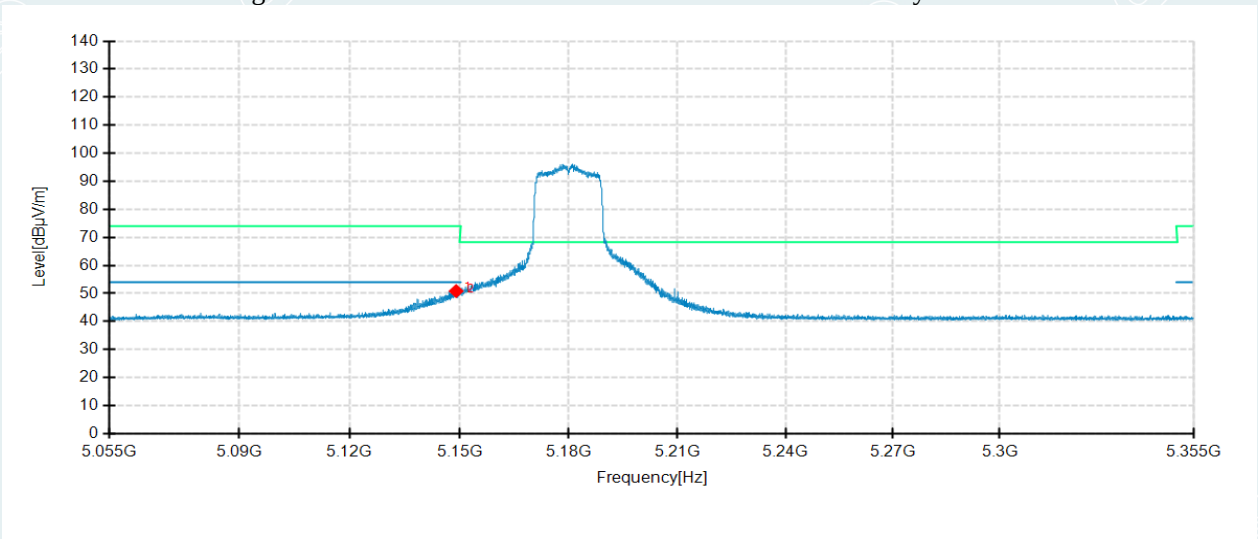
No.	Frequency MHz	Reading dBµV/m	Level dBµV/m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5147.1438	43.31	57.14	13.83	74.00	16.86	200	218	Horizontal	/
2	5150.0000	42.02	55.79	13.77	74.00	18.21	100	142	Horizontal	/
3	5178.6000	84.73	99.20	14.47	68.30	-30.90	100	142	Horizontal	No limit
1	5147.2750	51.87	65.70	13.83	74.00	8.30	200	142	Vertical	/
2	5150.0000	48.27	62.04	13.77	74.00	11.96	200	142	Vertical	/
3	5178.7750	92.83	107.30	14.47	68.30	-39.00	100	36	Vertical	No limit

802.11ac VHT20 mode/5180MHz

Detector mode: Average Polarity: Horizontal



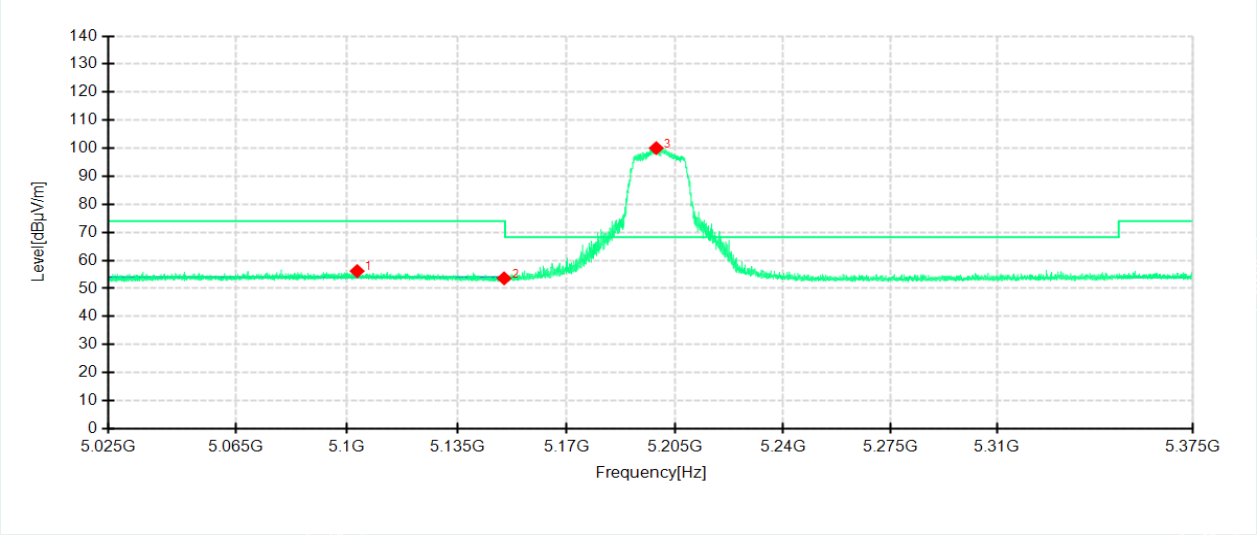
Detector mode: Average Polarity: Vertical



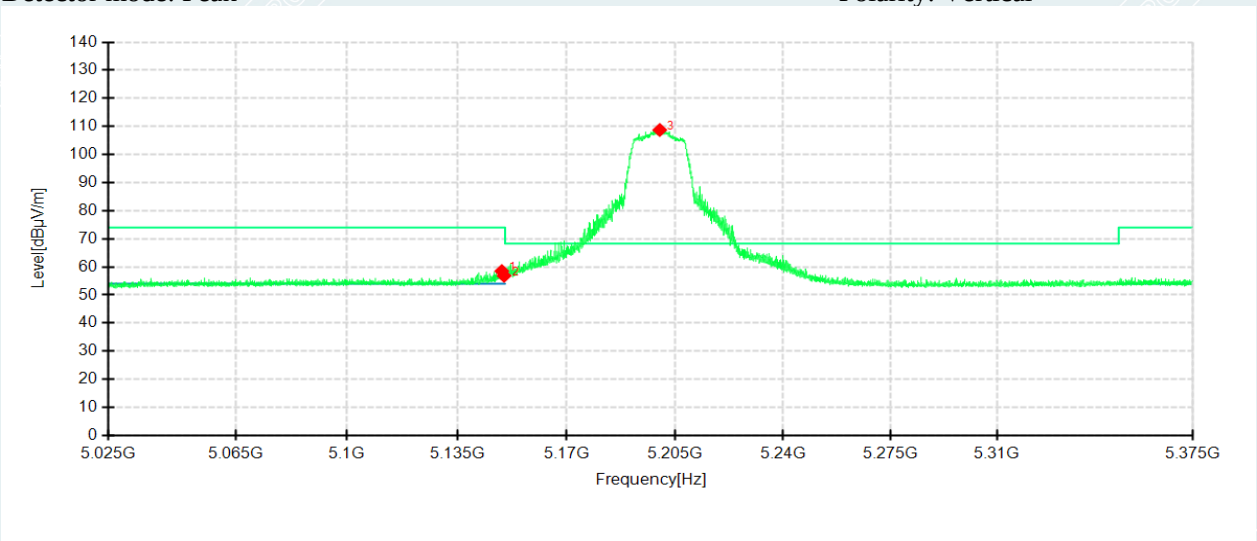
No.	Frequency MHz	Reading dBµV/m	Level dBµV/m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5145.4800	30.25	44.44	14.19	54.00	9.56	200	199	Horizontal	/
2	5150.0000	29.93	44.11	14.18	54.00	9.89	200	243	Horizontal	/
1	5149.0500	36.76	50.84	14.08	54.00	3.16	100	204	Vertical	/
2	5150.0000	36.15	50.23	14.08	54.00	3.77	100	207	Vertical	/

802.11ac VHT20 mode/5200MHz

Detector mode: Peak Polarity: Horizontal



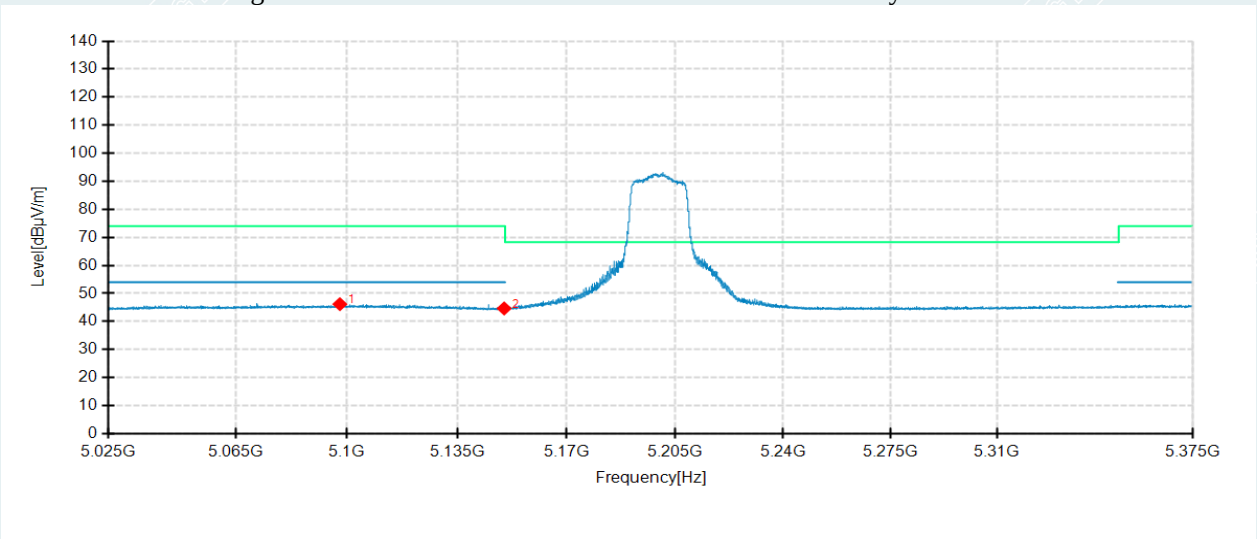
Detector mode: Peak Polarity: Vertical



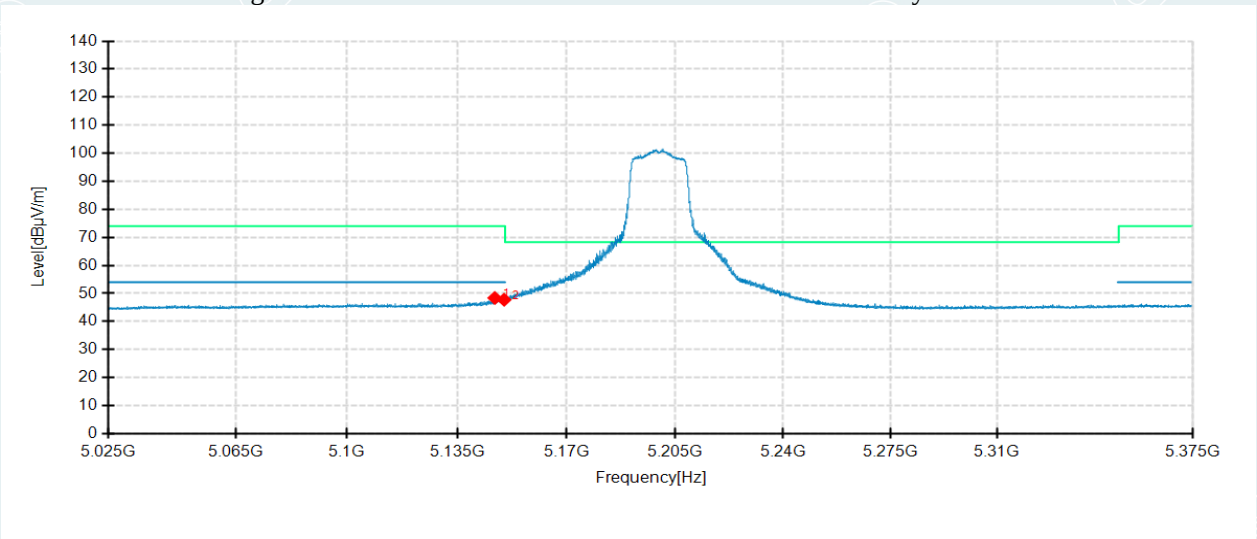
No.	Frequency MHz	Reading dBµV/m	Level dBµV/m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5103.2250	41.40	56.18	14.78	74.00	17.82	100	142	Horizontal	/
2	5150.0000	39.83	53.60	13.77	74.00	20.40	100	142	Horizontal	/
3	5198.8625	85.07	100.03	14.96	68.30	-31.73	100	142	Horizontal	No limit
1	5149.2500	44.72	58.51	13.79	74.00	15.49	200	354	Vertical	/
2	5150.0000	43.06	56.83	13.77	74.00	17.17	200	142	Vertical	/
3	5200.0000	93.74	108.73	14.99	68.30	-40.43	200	142	Vertical	No limit

802.11ac VHT20 mode/5200MHz

Detector mode: Average Polarity: Horizontal



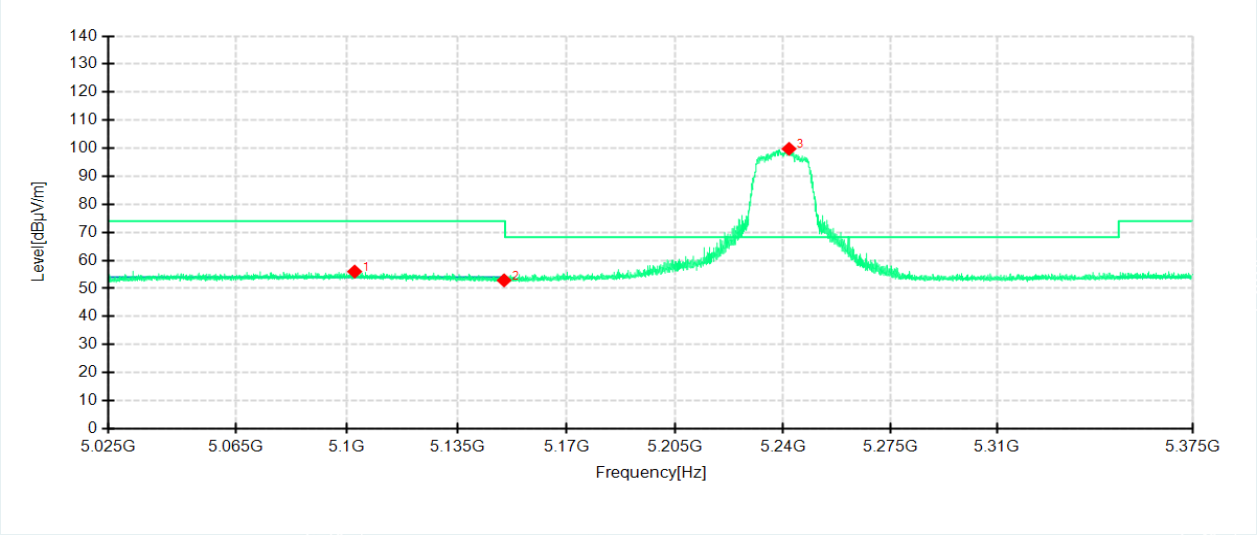
Detector mode: Average Polarity: Vertical



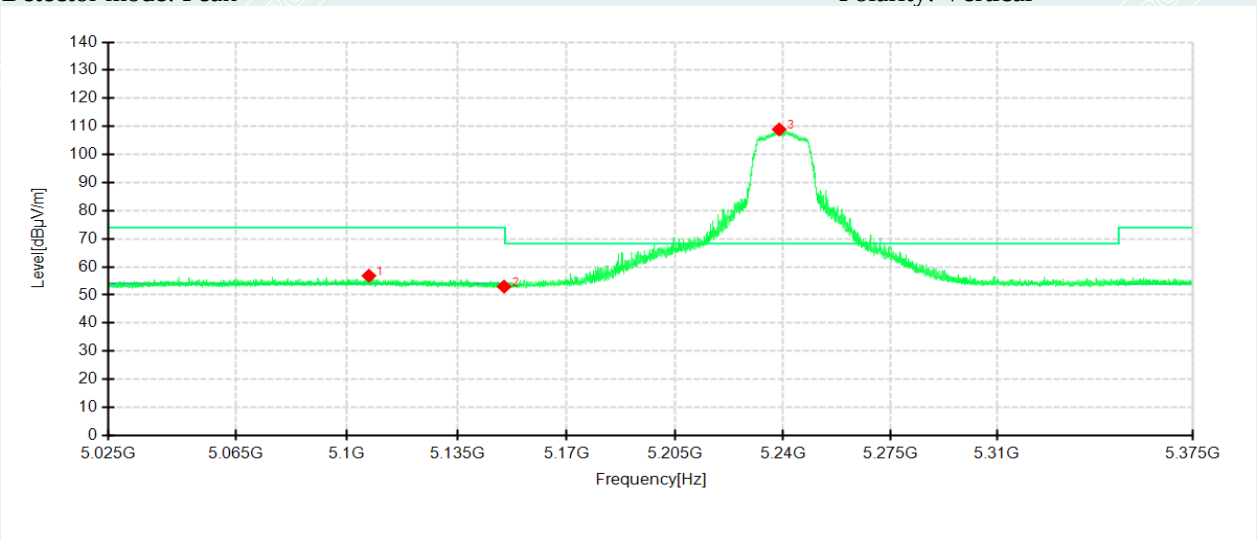
No.	Frequency MHz	Reading dBµV/m	Level dBµV/m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5097.7563	31.34	46.17	14.83	54.00	7.83	100	142	Horizontal	/
2	5150.0000	30.88	44.65	13.77	54.00	9.35	200	218	Horizontal	/
1	5147.0188	34.55	48.38	13.83	54.00	5.62	200	142	Vertical	/
2	5150.0000	33.98	47.75	13.77	54.00	6.25	100	49	Vertical	/

802.11ac VHT20 mode/5240MHz

Detector mode: Peak Polarity: Horizontal



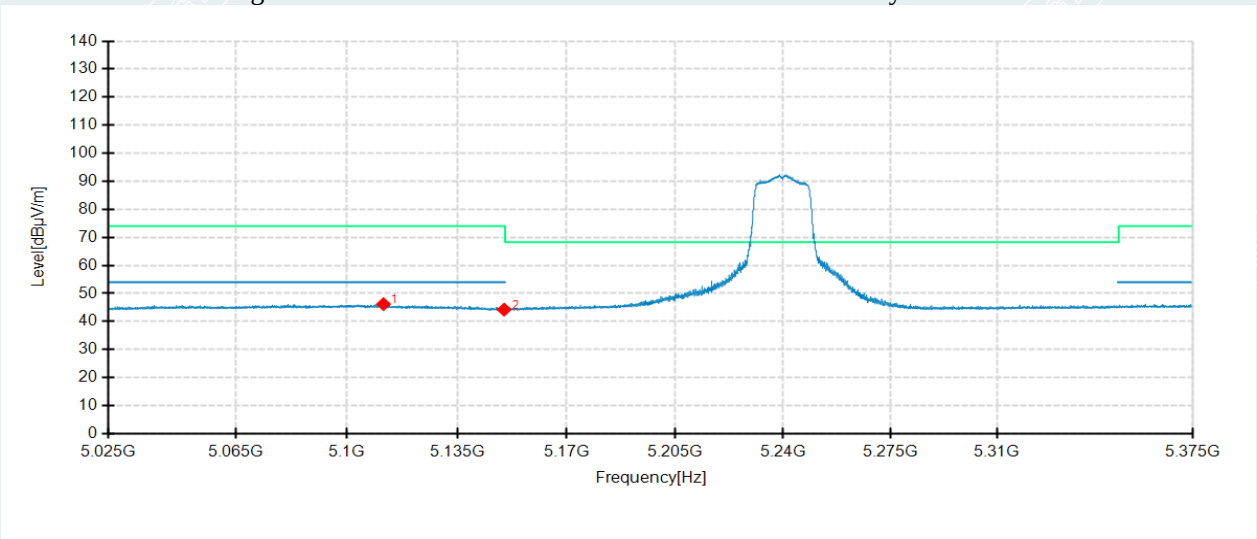
Detector mode: Peak Polarity: Vertical



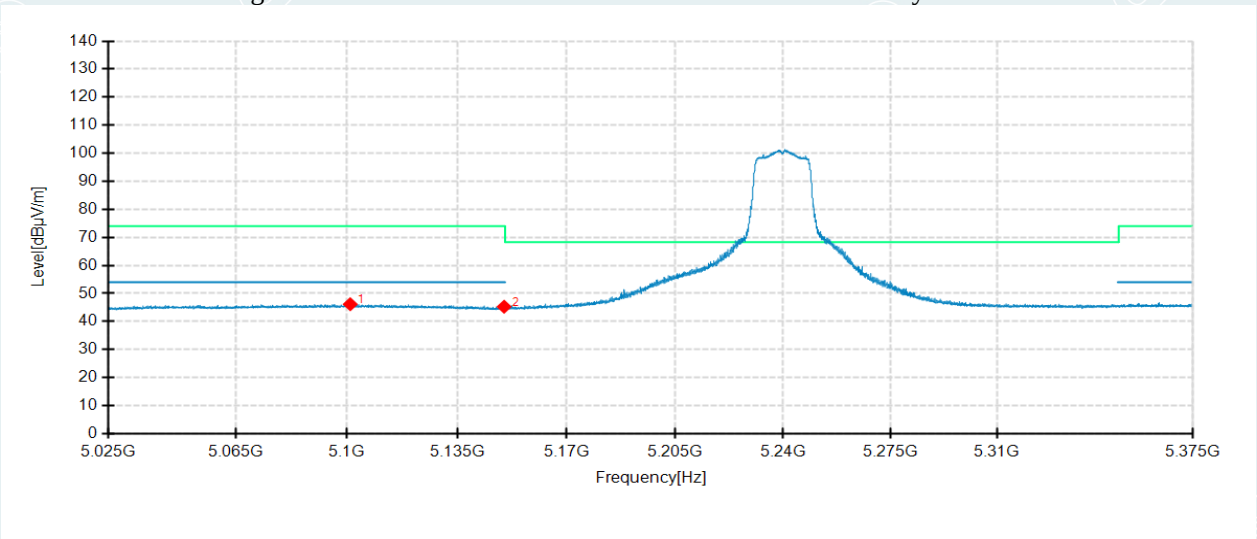
No.	Frequency MHz	Reading dBµV/m	Level dBµV/m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5102.4375	41.22	56.02	14.80	74.00	17.98	200	82	Horizontal	/
2	5150.0000	39.11	52.88	13.77	74.00	21.12	100	256	Horizontal	/
3	5241.9125	85.47	99.78	14.31	68.30	-31.48	200	28	Horizontal	No limit
1	5106.9438	42.13	56.83	14.70	74.00	17.17	200	358	Vertical	/
2	5150.0000	39.22	52.99	13.77	74.00	21.01	100	218	Vertical	/
3	5238.7188	94.56	108.92	14.36	68.30	-40.62	200	142	Vertical	No limit

802.11ac VHT20 mode/5240MHz

Detector mode: Average Polarity: Horizontal



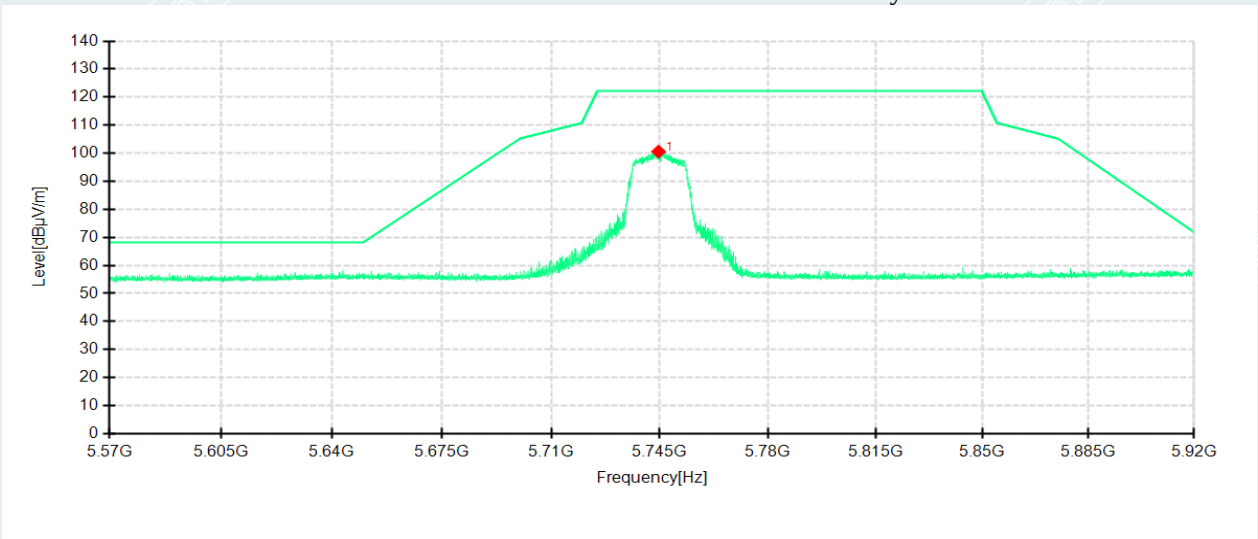
Detector mode: Average Polarity: Vertical



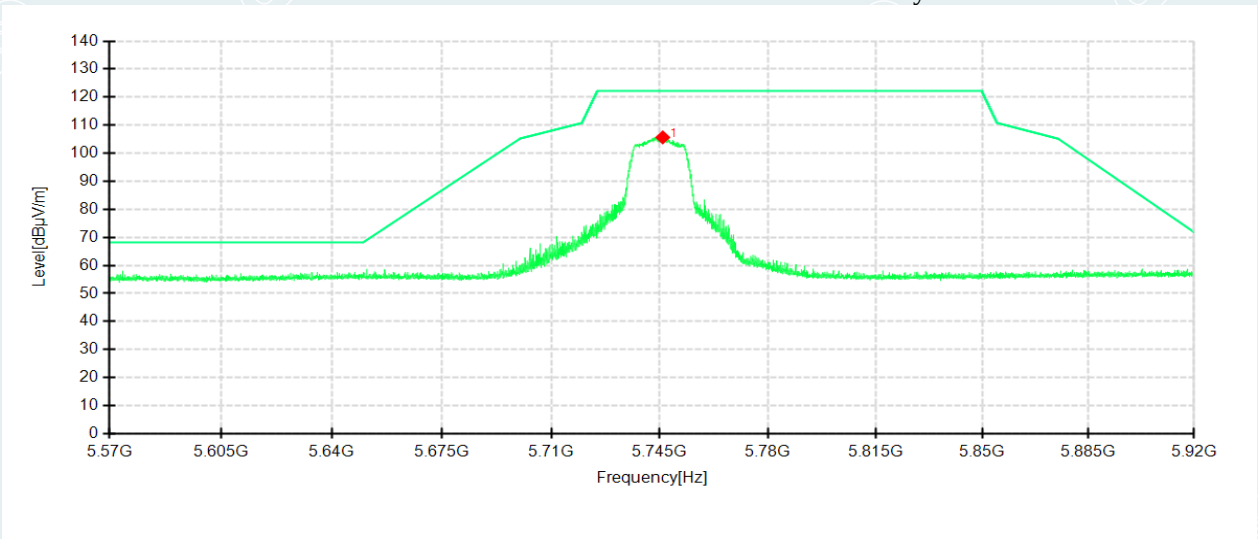
No.	Frequency MHz	Reading dBµV/m	Level dBµV/m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5111.5813	31.58	46.18	14.60	54.00	7.82	200	43	Horizontal	/
2	5150.0000	30.45	44.22	13.77	54.00	9.78	200	218	Horizontal	/
1	5101.0375	31.33	46.16	14.83	54.00	7.84	200	142	Vertical	/
2	5150.0000	31.50	45.27	13.77	54.00	8.73	100	218	Vertical	/

802.11ac VHT20 mode/5745MHz

Detector mode: Peak Polarity: Horizontal



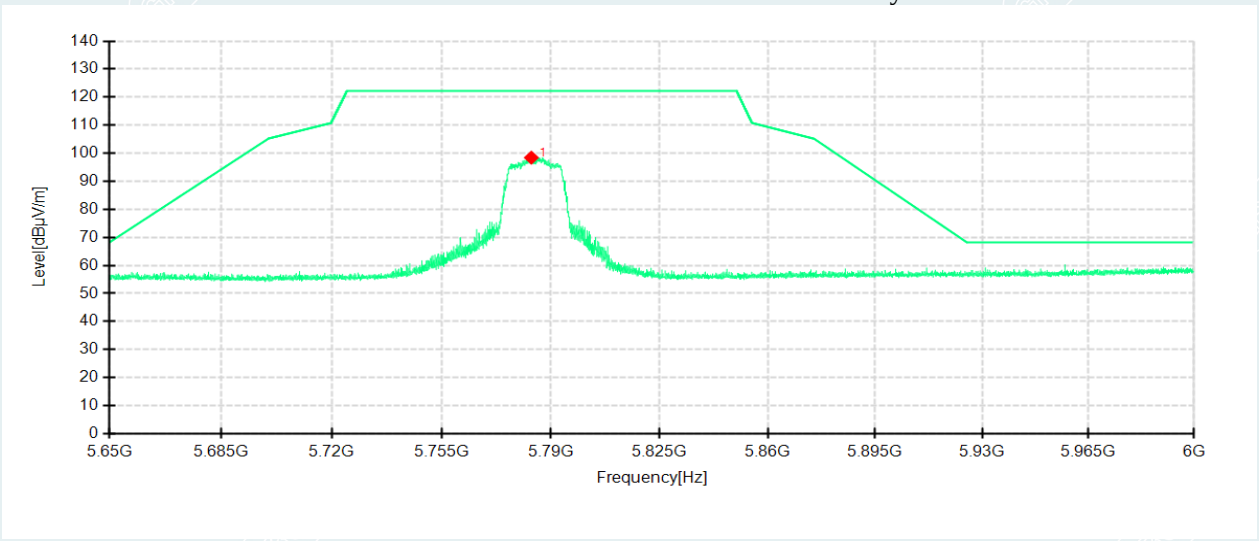
Detector mode: Peak Polarity: Vertical



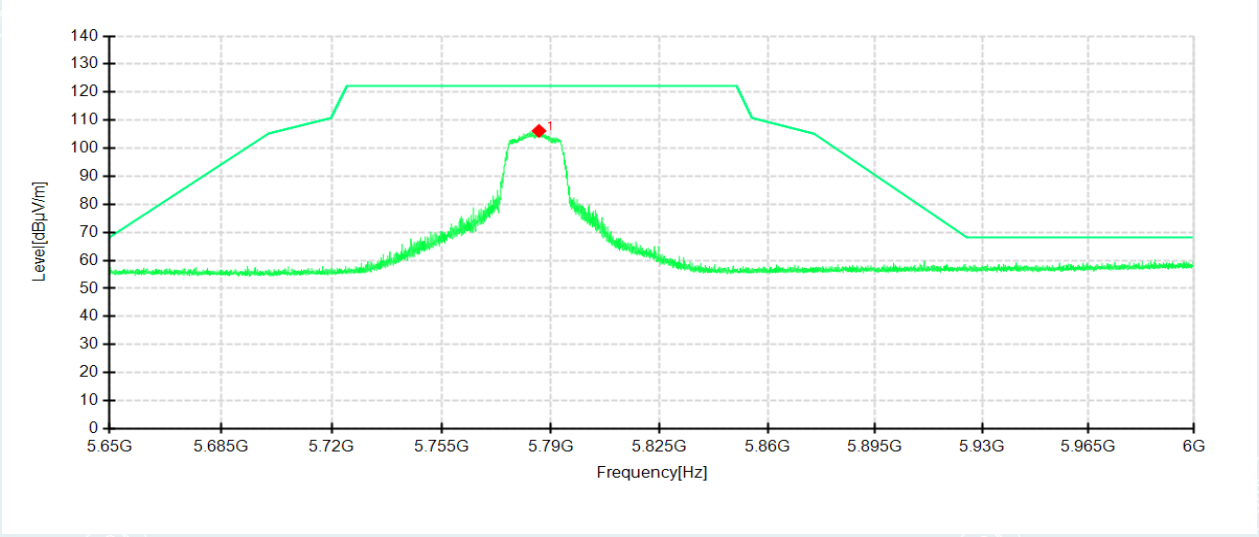
No.	Frequency MHz	Reading dBµV/m	Level dBµV/m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5744.5625	83.42	100.57	17.15	122.20	21.63	100	61	Horizontal	/
1	5745.9188	88.48	105.65	17.17	122.20	16.55	200	4	Vertical	/

802.11ac VHT20 mode/5785MHz

Detector mode: Peak Polarity: Horizontal



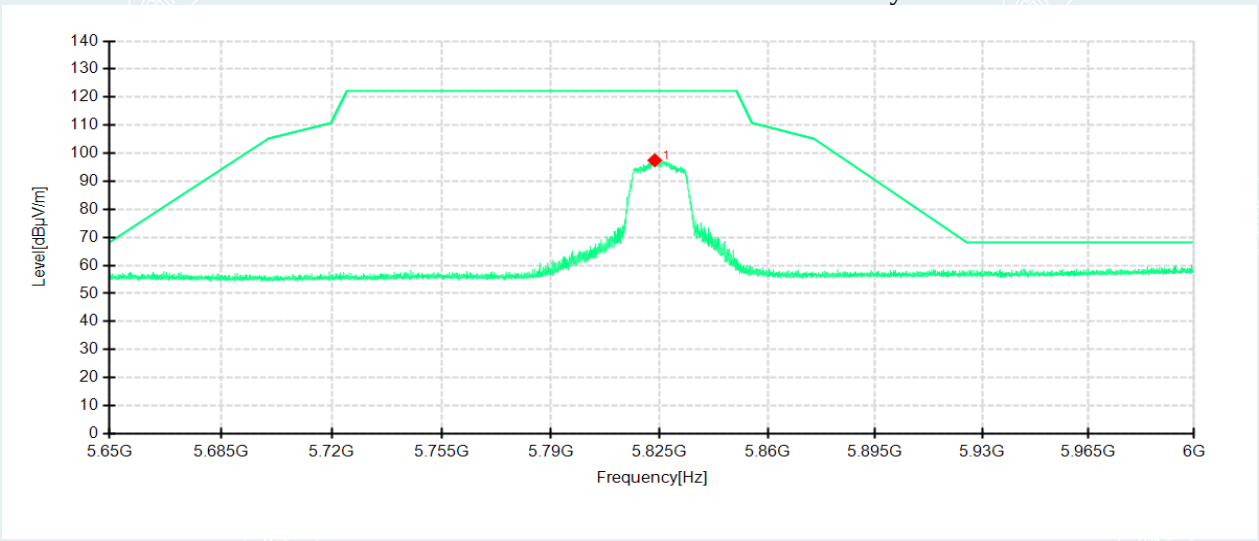
Detector mode: Peak Polarity: Vertical



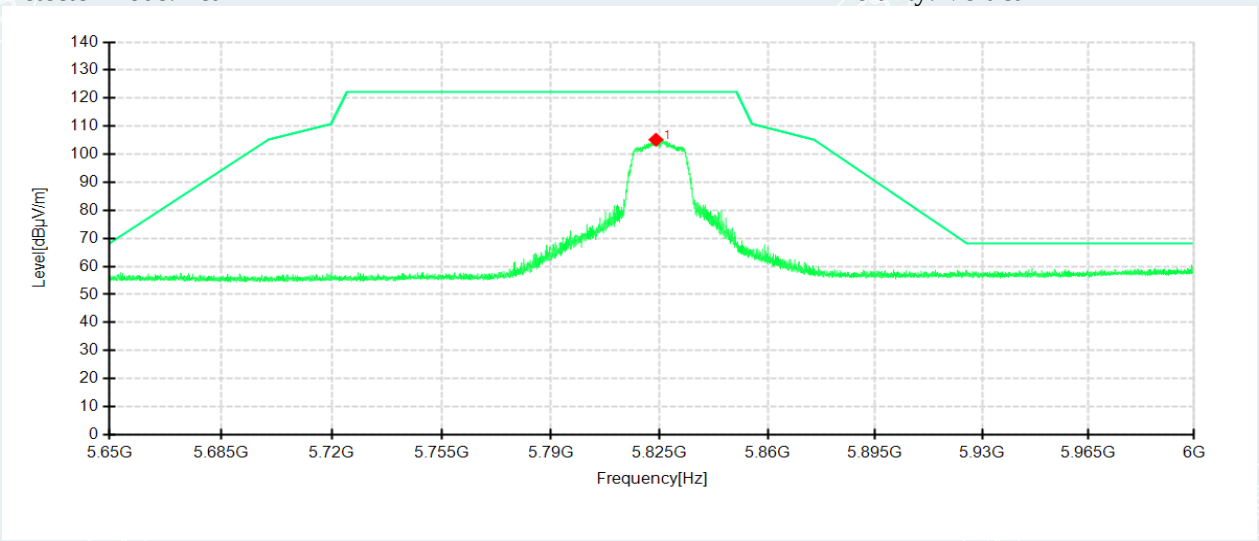
No.	Frequency MHz	Reading dBµV/m	Level dBµV/m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5783.7000	81.30	98.42	17.12	122.20	23.78	100	61	Horizontal	/
1	5786.1500	89.07	106.18	17.11	122.20	16.02	200	28	Vertical	/

802.11ac VHT20 mode/5825MHz

Detector mode: Peak Polarity: Horizontal



Detector mode: Peak Polarity: Vertical



No.	Frequency MHz	Reading dBµV/m	Level dBµV/m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5823.3813	80.40	97.47	17.07	122.20	24.73	100	48	Horizontal	/
1	5823.7750	88.10	105.17	17.07	122.20	17.03	200	34	Vertical	/