

Test Report

Verified code: 431365

Report No.: E202112276794-4

Customer: NunoErin, LLC

Address: 533 Commerce Street, Jackson MS 39201 USA

Sample Name: Table top touch screen

Sample Model: UCTTA-42

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: *Wen. Wen*

Reviewed by: *Jiang Tao*

Approved by: *Xiao Liang*

GUANGZHOU GRG METROLOGY & TEST CO., LTD

Issued Date: 2022-06-02

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REPORT ISSUED HISTORY

Report Version	Report No.	Description	Compile Date
1.0	E202112276794-4	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: Table top touch screen
Product Model: UCTTA-42
Adding Model: /
Trade Name: NunoErin
FCC ID: 2A5VA-UCTTA42
Rating: Input: 100-240V~ 50/60Hz 2A
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:
 15.37dBm for IEEE 802.11a
 15.13dBm for IEEE 802.11n HT20
 12.58dBm for IEEE 802.11ac VHT20
 15.08dBm for IEEE 802.11n HT40
 12.43dBm for IEEE 802.11ac VHT40
 12.31dBm for IEEE 802.11ac VHT80
 U-NII-3:
 15.04dBm for IEEE 802.11a
 14.71dBm for IEEE 802.11n HT20
 15.19dBm for IEEE 802.11ac VHT20
 14.61dBm for IEEE 802.11n HT40
 15.13dBm for IEEE 802.11ac VHT40
 14.20dBm for IEEE 802.11ac VHT80

Temperature Range: 0°C ~ 50°C

Hardware Version: V 2.0

Software Version: Android 10

Sample submitting way: ☒ Provided by customer ☐ Sampling

Sample No: E202112276794-0003

2.5. TEST OPERATION MODE

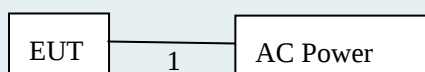
Mode No.	Description of the modes
1	5G Wi-Fi TX mode

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

2.6. LOCAL SUPPORTIVE INSTRUMENTS

Name of Equipment	Manufacturer	Model	Serial Number	Note
/	/	/	/	/
Cable				
AC cable(No.1)	/	/	/	Unshield 1.2m

2.7. CONFIGURATION OF SYSTEM UNDER TEST



Test software:

Software version	Test level
Ampak RF testTool	Default

Power Setting:

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

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

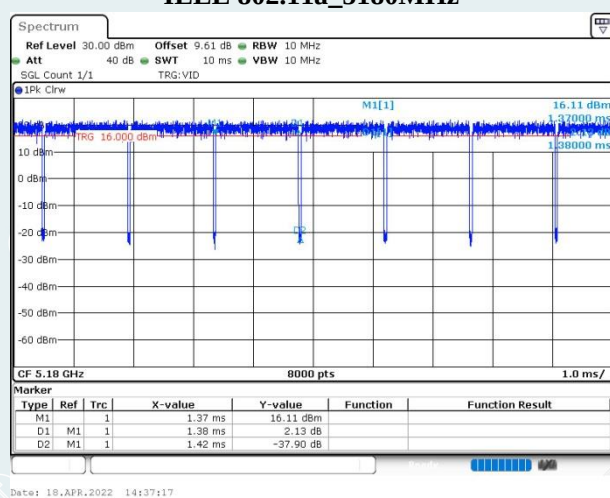
2.8. DUTY CYCLE

EUT Name	Table top touch screen	Model	UCTTA-42
Environmental Conditions	22.6°C/48%RH	Test Voltage	AC 120V/60Hz
Tested By	Deng Weihao	Tested Date	2022-04-18

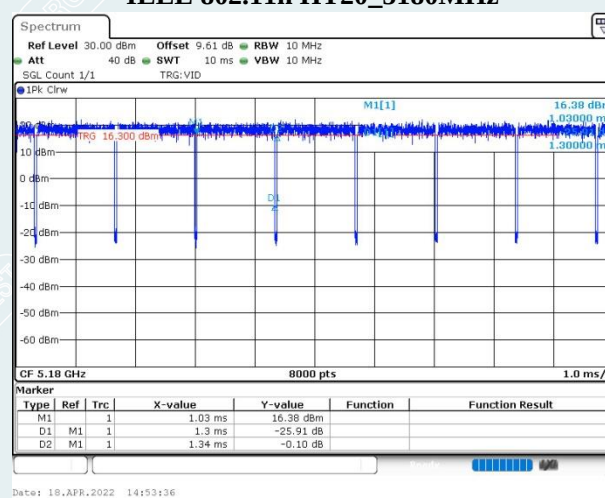
Duty Cycle Calculation							
Duty cycle	Mode	Frequency [MHz]	ON Time(ms)	Total Time(ms)	Duty Cycle(%)	Duty Factor	T(s)
	IEEE 802.11a	5180	1.38	1.42	97.18	0.12	0.00138
	IEEE 802.11n HT20	5180	1.30	1.34	97.01	0.13	0.00130
	IEEE 802.11n HT40	5190	0.64	0.68	94.12	0.26	0.00064
	IEEE 802.11ac VHT20	5180	1.31	1.35	97.04	0.13	0.00131
	IEEE 802.11ac VHT40	5190	0.65	0.69	94.20	0.26	0.00065
	IEEE 802.11ac VHT80	5775	0.32	0.36	88.89	0.51	0.00032

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

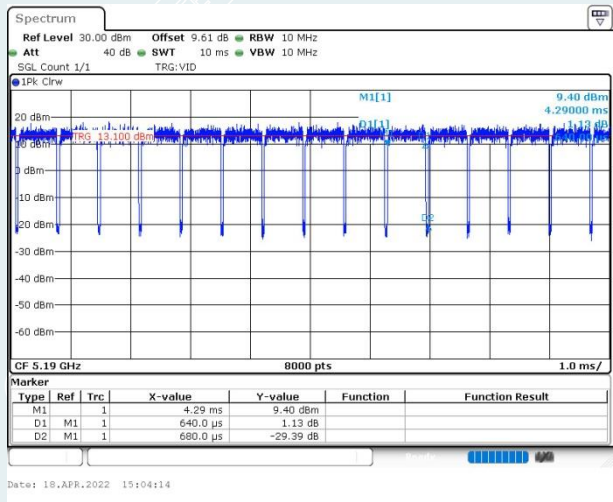
IEEE 802.11a_5180MHz



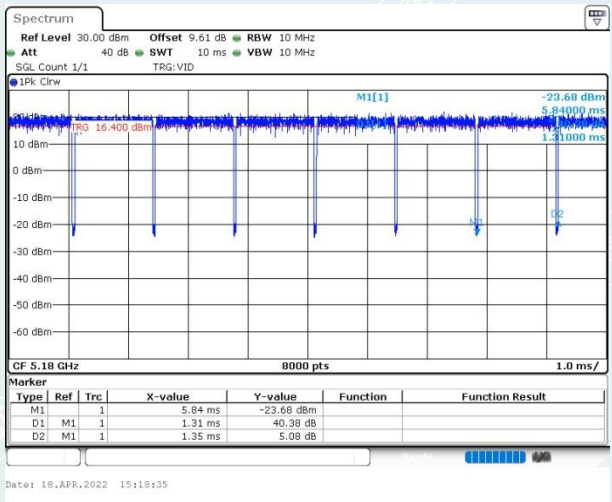
IEEE 802.11n HT20_5180MHz



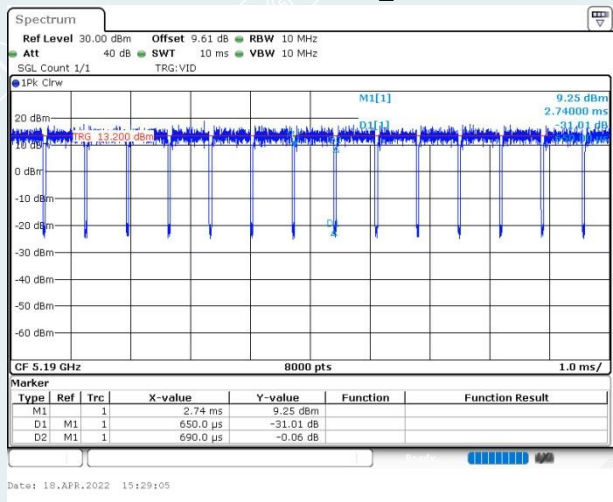
IEEE 802.11n HT40_5190MHz



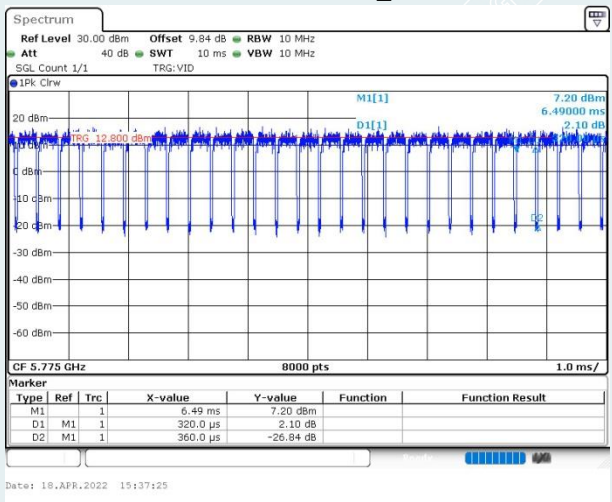
IEEE 802.11ac VHT20_5180MHz



IEEE 802.11ac VHT40_5190MHz



IEEE 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.

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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 °C

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
Output Power				
Pulse power sensor	Anristu	MA2411B	1126150	2023-03-01
Power meter	Anristu	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

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

5. CONDUCTED EMISSION MEASUREMENT

5.1. LIMITS

Frequency range	Limits (dB μ V)	
	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.

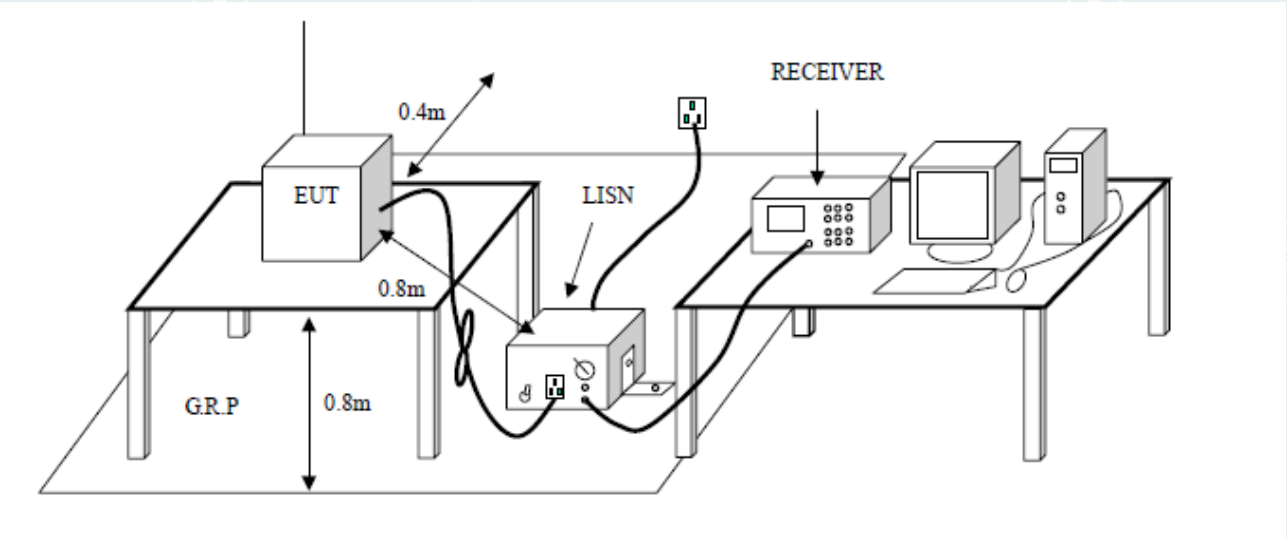
- Use serial board or connecting line to make EUT and notebook to communicate, according to the actual demand to make EUT emit fixed frequency signal.

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)

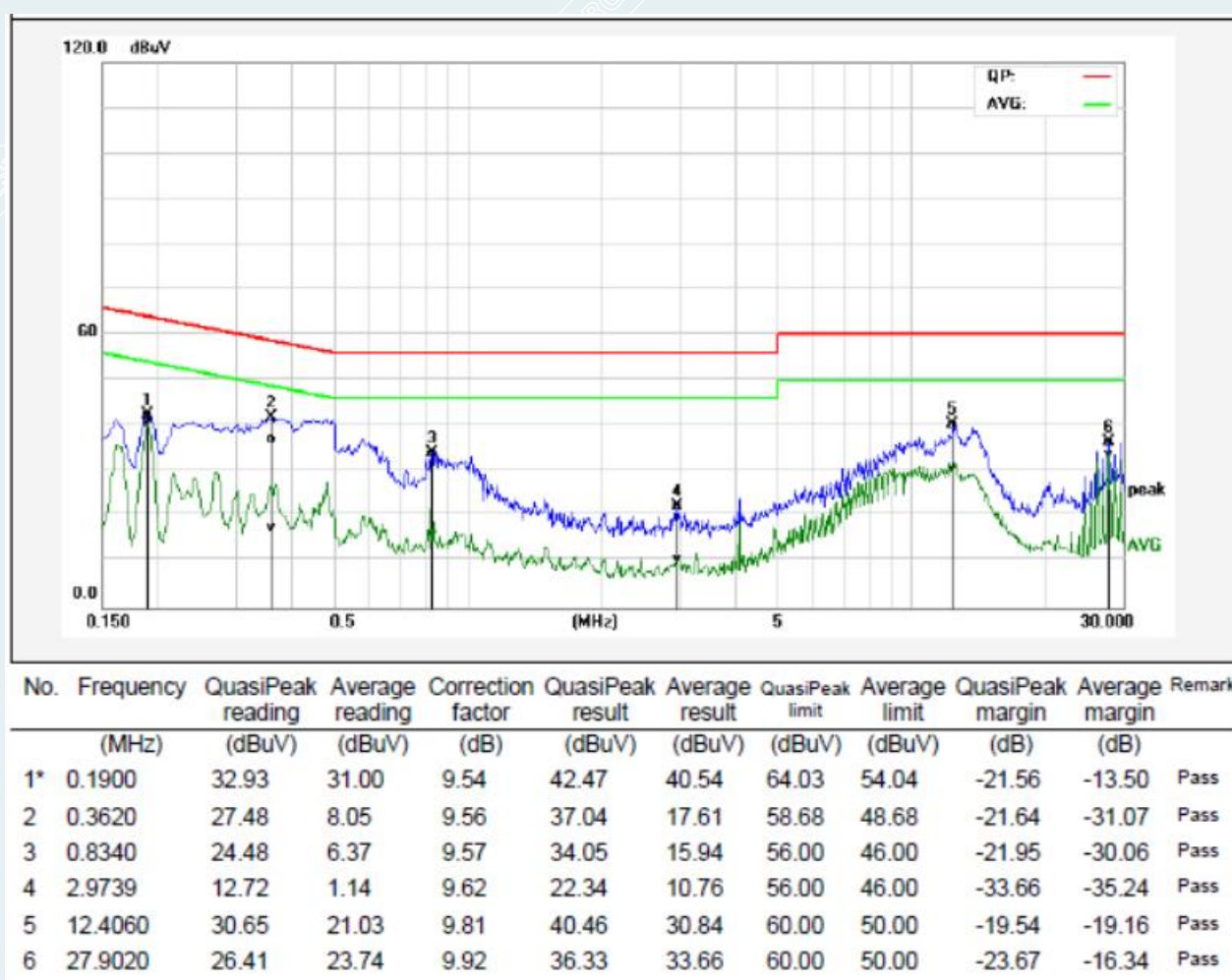
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5.5. TEST RESULTS

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

EUT Name	Table top touch screen	Model	UCTTA-42
Environmental Conditions	22.5°C/45%RH	Test Mode	Mode 1
Power supply	AC 120V/60Hz	Test Engineer	Zeng Xianglong
Test Date	2022-02-15	Sample No.	E202112276794-0003

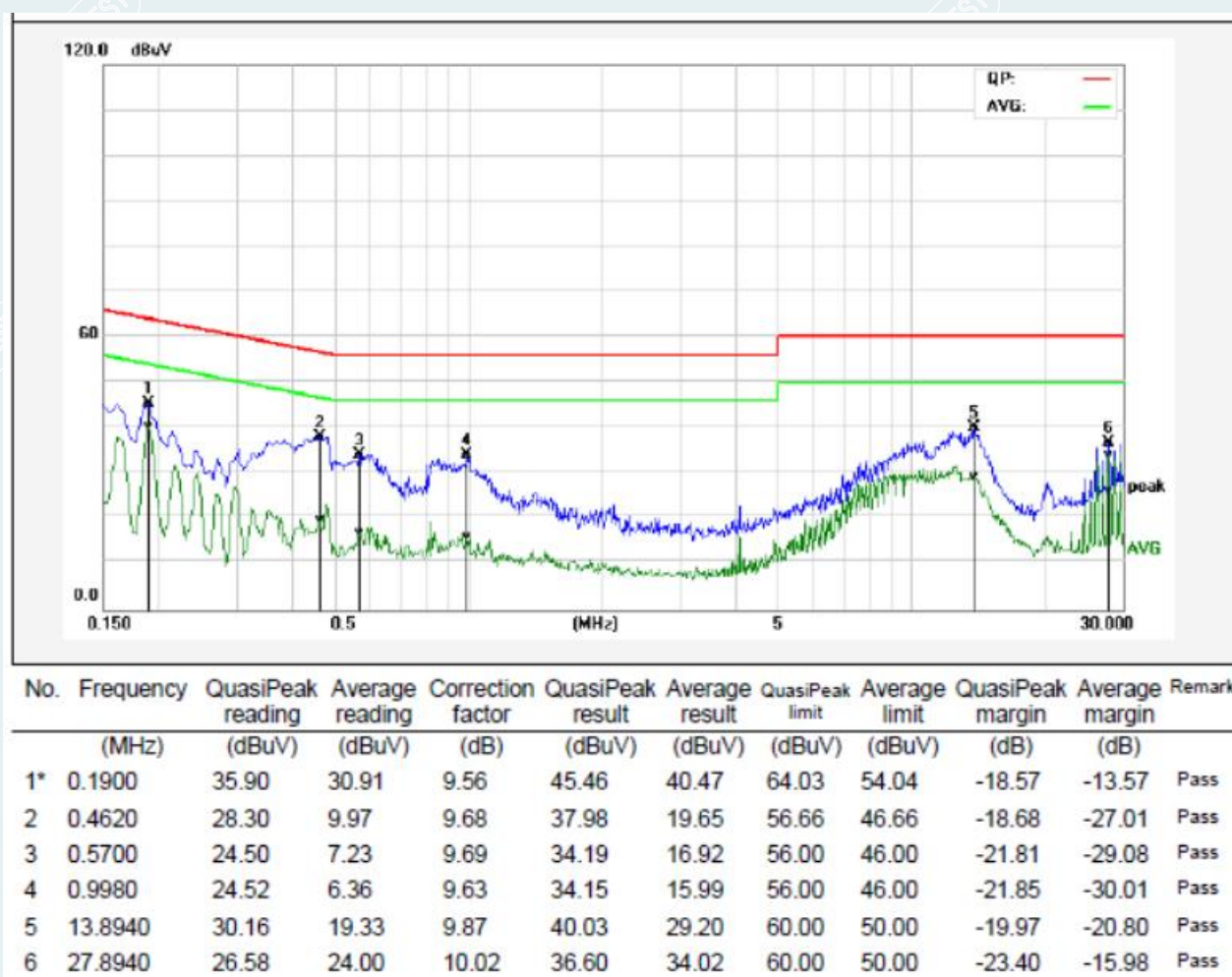
Line: L



Note: L = Live Line

EUT Name	Table top touch screen	Model	UCTTA-42
Environmental Conditions	22.5°C/45%RH	Test Mode	Mode 1
Power supply	AC 120V/60Hz	Test Engineer	Zeng Xianglong
Test Date	2022-02-15	Sample No.	E202112276794-0003

Line: N



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(μ V/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

- 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.
- EUT is set 3 meters away from the receiving antenna, which is mounted on a antenna tower.
- Set the EUT transmit continuously with maximum output power.
- The turn table can rotate 360 degrees to determine the position of the maximum emission level.
- 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.
- Spectrum analyzer setting parameters please see the below table.
- Repeat above procedures until all channels were measured.
- 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.

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 $\geq 98\%$, VBW=10Hz Duty cycle $< 98\%$, VBW $\geq 1/T$ 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:

$$E = \text{EIRP} - 20\log D + 104.8$$
 where:
 E = electric field strength in dB μ V/m,
 EIRP = equivalent isotropic radiated power in dBm
 D = specified measurement distance in meters.
 So: $E = -27 - 20\log 3 + 104.8 = 68.3$ (dB μ V/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 (dB μ V/m).
 The Avg Limit=54+20*log(3/1)=63.54 (dB μ V/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 (dB μ V/m).

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6.3. TEST SETUP

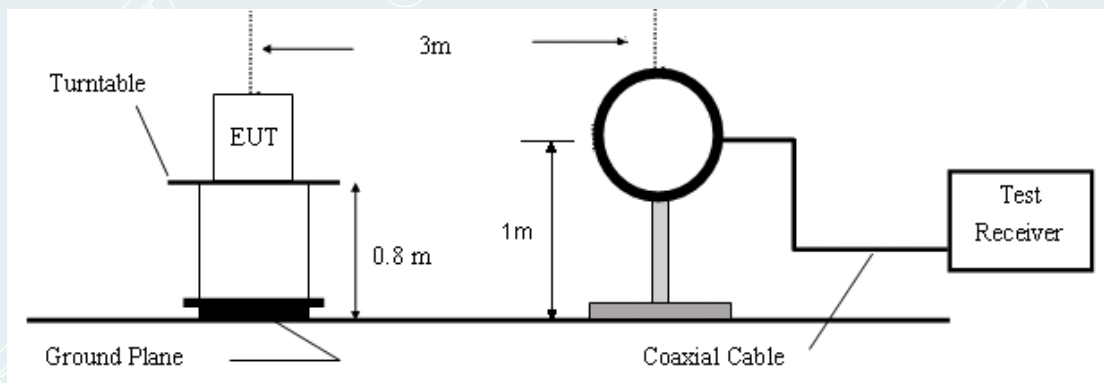


Figure 1. 9kHz to 30MHz radiated emissions test configuration

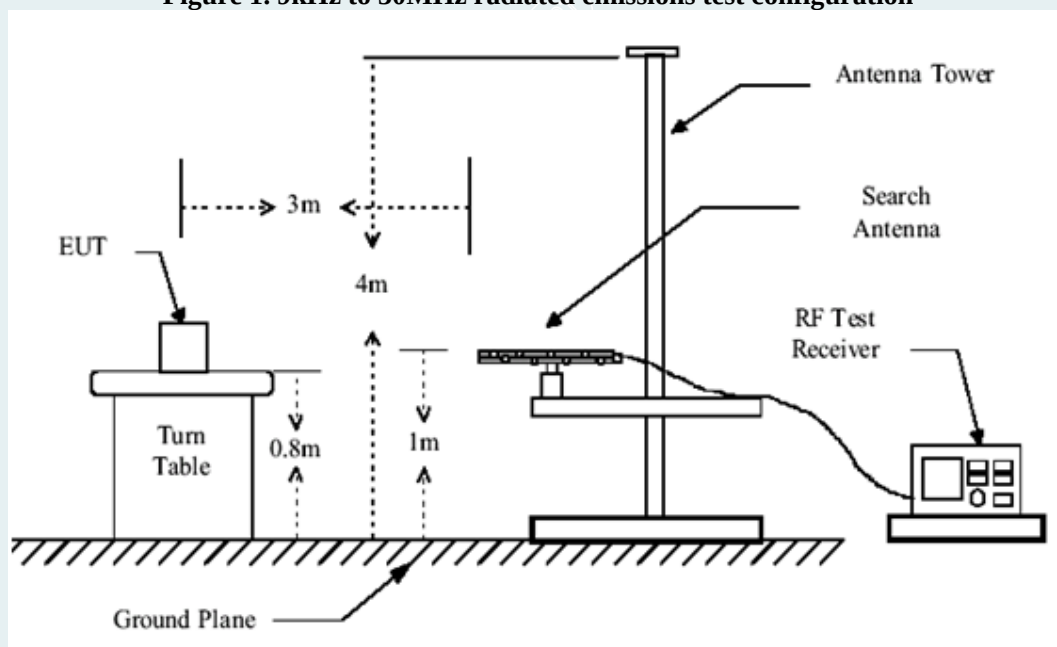


Figure 2. 30MHz to 1GHz radiated emissions test configuration

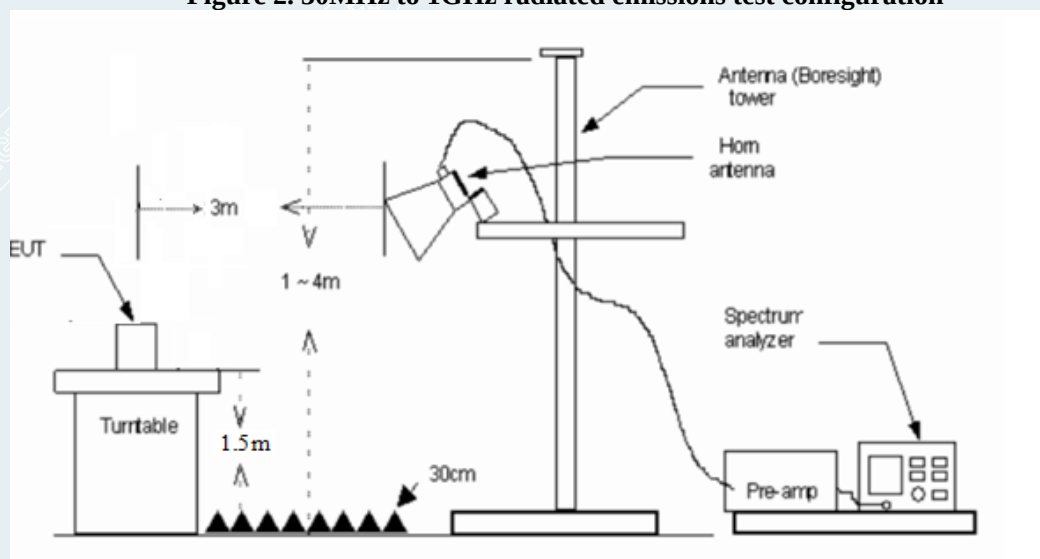


Figure 3. 1GHz-18GHz radiated emissions test configuration

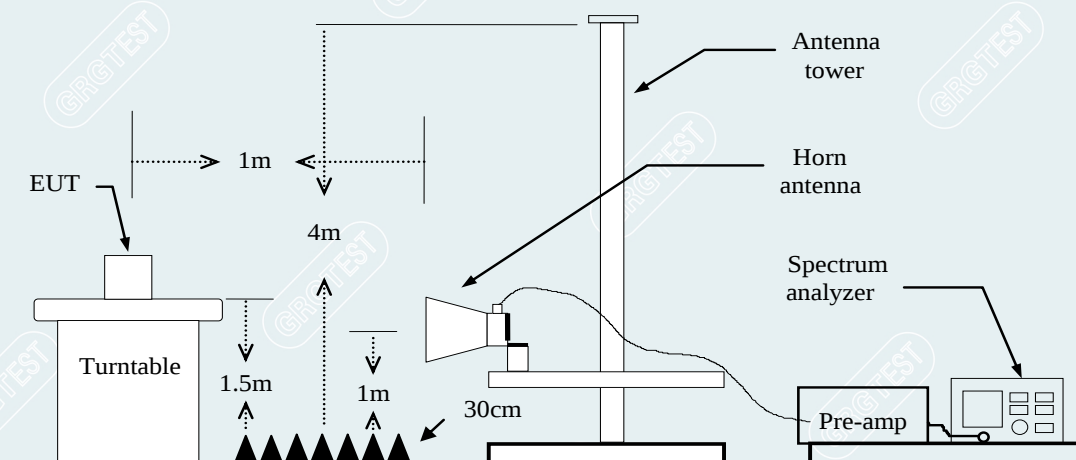


Figure 4. Above 18GHz radiated emissions test configuration

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 the worst modes and channels were recorded in this report. (IEEE 802.11ac VHT20 5180MHz)

Mode: Mode 1/ IEEE 802.11ac VHT20

Temp. /Hum.: 23.9°C/50%RH

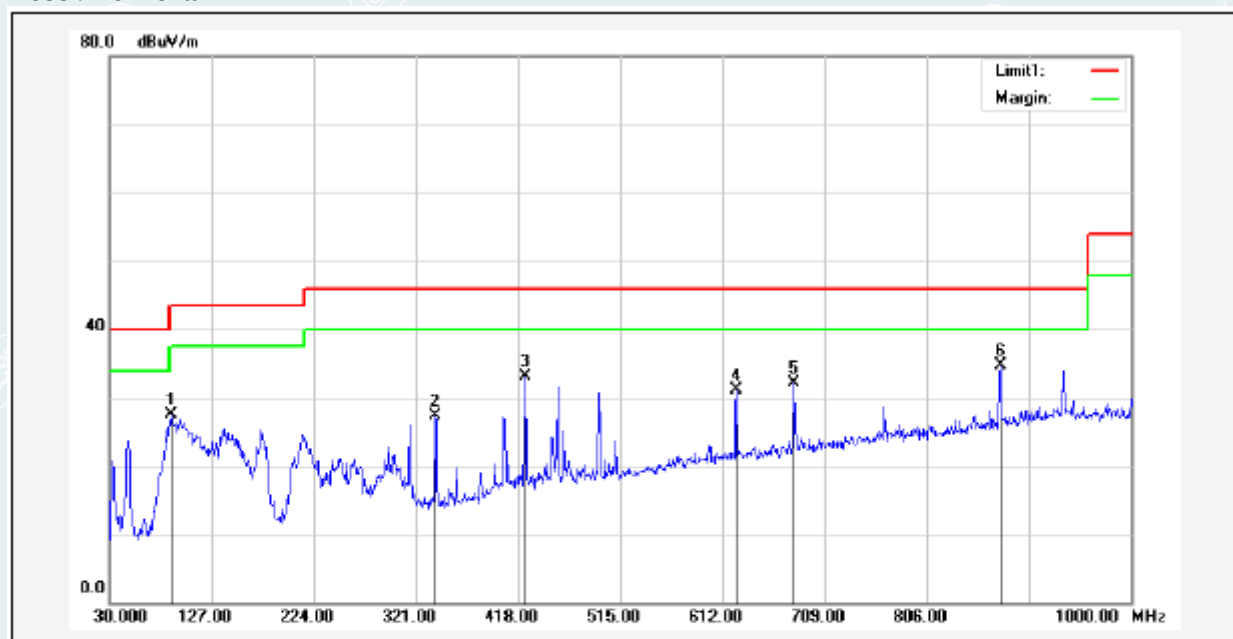
Test Engineer: Tang Shenghui

Frequency :5180MHz

Power supply:AC120V/60Hz

Test Date: 2022-01-17

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	89.1700	58.33	-30.82	27.51	43.50	-15.99	259	400	QP
2	339.4300	49.33	-22.10	27.23	46.00	-18.77	293	400	QP
3	424.7900	52.24	-19.08	33.16	46.00	-12.84	63	400	QP
4	625.5800	45.09	-14.05	31.04	46.00	-14.96	79	300	QP
5	679.9000	45.22	-13.10	32.12	46.00	-13.88	196	200	QP
6*	875.8400	44.53	-9.86	34.67	46.00	-11.33	193	300	QP

Mode: Mode 1/ IEEE 802.11ac VHT20

Temp. /Hum.: 23.9°C/50%RH

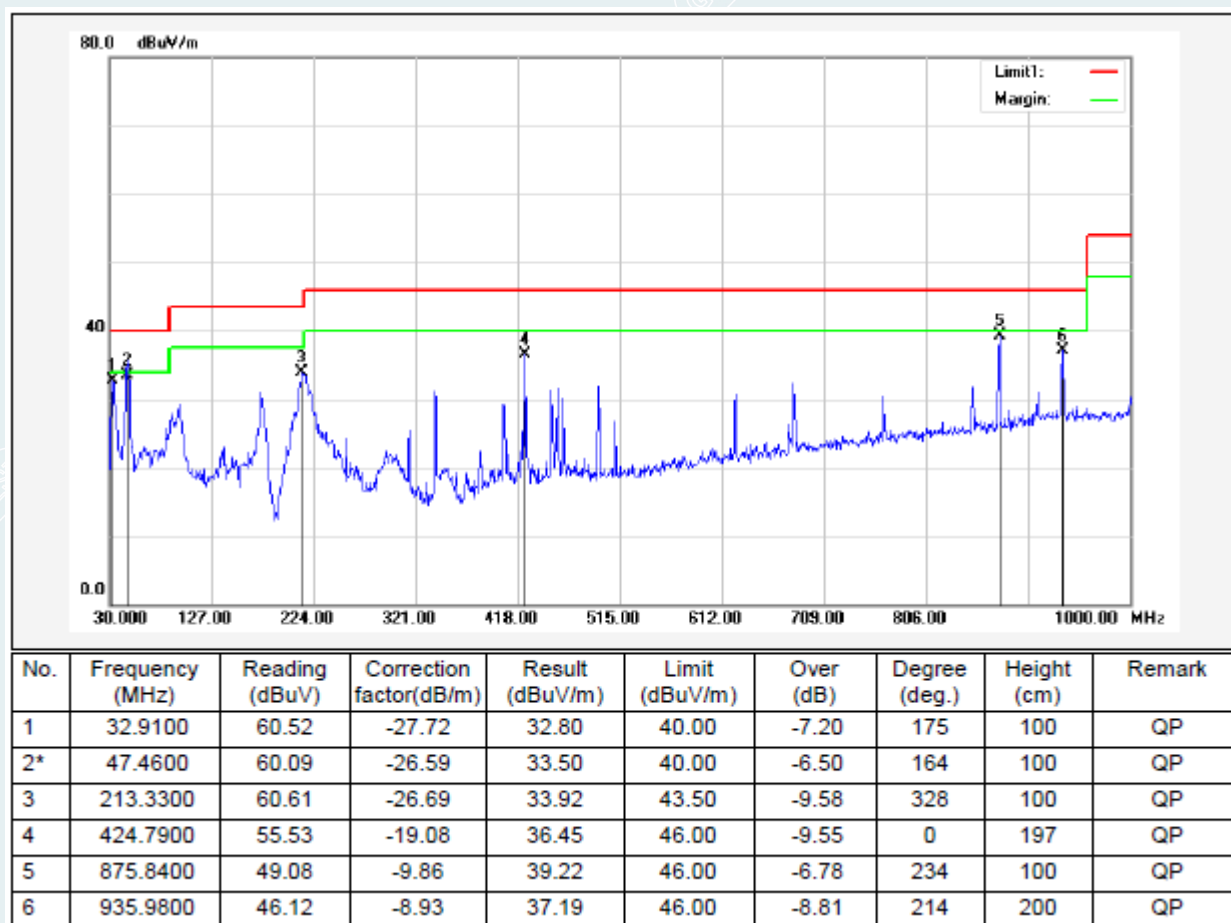
Test Engineer: Tang Shenghui

Frequency: 5180MHz

Power supply: AC120V/60Hz

Test Date: 2022-01-17

Probe : Vertical

**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.

1GHz-18GHz

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.

Mode: Mode 1/ IEEE 802.11a

Temp. /Hum.:25°C/60%RH

Test Engineer: Chen Xiacong

Frequency :5180MHz

Power supply:AC120V/60Hz

Test Date: 2022-01-14

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	71.73	48.08	-23.65	74.00	25.92	200	246	Horizontal
2	1700.2000	58.95	36.59	-22.36	74.00	37.41	200	62	Horizontal
3	2281.0000	57.05	36.81	-20.24	74.00	37.19	200	130	Horizontal
4	3426.4000	55.52	38.87	-16.65	68.30	29.43	200	321	Horizontal
5	7152.9000	48.49	45.13	-3.36	68.30	23.17	200	175	Horizontal
6	9501.4000	45.94	46.77	0.83	68.30	21.53	100	91	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	1020.4000	63.88	38.76	-25.12	74.00	35.24	200	186	Vertical
2	1376.2000	70.45	46.84	-23.61	74.00	27.16	200	360	Vertical
3	1700.2000	65.11	42.75	-22.36	74.00	31.25	200	29	Vertical
4	2275.6000	62.96	42.68	-20.28	74.00	31.32	200	49	Vertical
5	2635.6000	61.08	42.32	-18.76	68.30	25.98	200	193	Vertical
6	10308.8000	43.91	46.70	2.79	68.30	21.60	100	78	Vertical

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

Mode: Mode 1/ IEEE 802.11a

Temp. /Hum.:25℃/60%RH

Test Engineer: Chen Xiacong

Frequency :5200MHz

Power supply:AC120V/60Hz

Test Date: 2022-01-14

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1369.6000	72.00	48.36	-23.64	74.00	25.64	200	248	Horizontal
2	1753.6000	67.08	44.67	-22.41	68.30	23.63	100	360	Horizontal
3	2281.0000	56.69	36.45	-20.24	74.00	37.55	200	63	Horizontal
4	3787.0000	53.09	39.25	-13.84	74.00	34.75	100	34	Horizontal
5	7135.3000	48.11	44.33	-3.78	68.30	23.97	100	58	Horizontal
6	8901.9000	46.15	46.09	-0.06	68.30	22.21	200	92	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	1021.0000	67.60	42.48	-25.12	74.00	31.52	200	312	Vertical
2	1364.8000	71.07	47.40	-23.67	74.00	26.60	200	8	Vertical
3	1748.2000	70.04	47.60	-22.44	68.30	20.70	100	55	Vertical
4	2276.2000	62.06	41.78	-20.28	74.00	32.22	200	189	Vertical
5	2635.6000	60.95	42.19	-18.76	68.30	26.11	200	196	Vertical
6	4099.0000	53.23	40.54	-12.69	74.00	33.46	100	1	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	1368.3223	-23.64	54.54	30.90	54.00	23.10	200	360	Vertical

Mode: Mode 1/ IEEE 802.11a

Temp. /Hum.:25℃/60%RH

Test Engineer: Chen Xiacong

Frequency :5240MHz

Power supply:AC120V/60Hz

Test Date: 2022-01-14

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	72.96	49.31	-23.65	74.00	24.69	200	240	Horizontal
2	1751.8000	62.18	39.75	-22.43	68.30	28.55	100	159	Horizontal
3	2277.4000	56.69	36.42	-20.27	74.00	37.58	200	145	Horizontal
4	4646.8000	50.17	40.91	-9.26	74.00	33.09	200	329	Horizontal
5	7721.6000	47.60	45.27	-2.33	74.00	28.73	100	311	Horizontal
6	9185.7000	45.65	46.20	0.55	74.00	27.80	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	1019.8000	63.62	38.50	-25.12	74.00	35.50	200	226	Vertical
2	1360.6000	68.19	44.50	-23.69	74.00	29.50	200	157	Vertical
3	1700.2000	66.03	43.67	-22.36	74.00	30.33	200	34	Vertical
4	2275.0000	61.92	41.63	-20.29	74.00	32.37	200	48	Vertical
5	7707.3000	47.90	45.48	-2.42	74.00	28.52	200	291	Vertical
6	9198.9000	45.66	46.20	0.54	74.00	27.80	200	339	Vertical

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

Mode: Mode 1/ IEEE 802.11a

Temp. /Hum.:25℃/60%RH

Test Engineer: Chen Xiacong

Frequency:5745MHz

Power supply:AC120V/60Hz

Test Date: 2021-12-05

Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1019.8000	58.34	33.22	-25.12	74.00	40.78	200	8	Horizontal
2	1369.0000	70.95	47.30	-23.65	74.00	26.70	200	248	Horizontal
3	1747.0000	62.35	39.91	-22.44	68.30	28.39	200	337	Horizontal
4	2287.0000	57.97	37.78	-20.19	74.00	36.22	200	34	Horizontal
5	4643.2000	49.68	40.36	-9.32	74.00	33.64	200	316	Horizontal
6	7728.2000	47.68	45.40	-2.28	74.00	28.60	100	175	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	1020.4000	69.04	43.92	-25.12	74.00	30.08	200	148	Vertical
2	1367.8000	71.42	47.77	-23.65	74.00	26.23	200	156	Vertical
3	1700.8000	65.10	42.74	-22.36	74.00	31.26	200	28	Vertical
4	1762.6000	64.52	42.18	-22.34	68.30	26.12	200	242	Vertical
5	2636.2000	60.88	42.13	-18.75	68.30	26.17	200	279	Vertical
6	7730.4000	49.03	46.76	-2.27	74.00	27.24	200	201	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	1368.2265	-23.64	53.21	29.57	54.00	24.43	162	354	Vertical

Mode: Mode 1/ IEEE 802.11a

Temp. /Hum.:25℃/60%RH

Test Engineer: Chen Xiacong

Frequency:5785MHz

Power supply:AC120V/60Hz

Test Date: 2021-12-05

Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1369.6000	70.58	46.94	-23.64	74.00	27.06	200	243	Horizontal
2	1746.4000	63.16	40.73	-22.43	68.30	27.57	100	237	Horizontal
3	2287.0000	56.34	36.15	-20.19	74.00	37.85	200	58	Horizontal
4	3700.6000	53.16	38.43	-14.73	74.00	35.57	200	5	Horizontal
5	4642.6000	49.76	40.43	-9.33	74.00	33.57	100	24	Horizontal
6	7155.1000	47.48	44.10	-3.38	68.30	24.20	200	350	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	1020.4000	65.57	40.45	-25.12	74.00	33.55	200	305	Vertical
2	1362.4000	71.70	48.02	-23.68	74.00	25.98	200	5	Vertical
3	1700.2000	65.02	42.66	-22.36	74.00	31.34	200	70	Vertical
4	2284.6000	61.60	41.39	-20.21	74.00	32.61	200	263	Vertical
5	4640.2000	50.67	41.30	-9.37	74.00	32.70	100	111	Vertical
6	7716.1000	47.97	45.61	-2.36	74.00	28.39	200	242	Vertical

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

Mode: Mode 1/ IEEE 802.11a

Temp. /Hum.:25℃/60%RH

Test Engineer: Chen Xiacong

Frequency :5825MHz

Power supply:AC120V/60Hz

Test Date: 2021-12-05

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	71.51	47.86	-23.65	74.00	26.14	200	236	Horizontal
2	1700.2000	59.16	36.80	-22.36	74.00	37.20	200	126	Horizontal
3	2281.0000	57.16	36.92	-20.24	74.00	37.08	200	57	Horizontal
4	4643.8000	49.46	40.15	-9.31	74.00	33.85	200	112	Horizontal
5	7156.2000	48.55	45.16	-3.39	68.30	23.14	200	14	Horizontal
6	10306.6000	43.78	46.55	2.77	68.30	21.75	100	355	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	1373.8000	71.82	48.20	-23.62	74.00	25.80	200	147	Vertical
2	1700.8000	64.94	42.58	-22.36	74.00	31.42	200	30	Vertical
3	1750.6000	68.40	45.96	-22.44	68.30	22.34	100	113	Vertical
4	2286.4000	62.03	41.84	-20.19	74.00	32.16	200	23	Vertical
5	7156.2000	48.57	45.18	-3.39	68.30	23.12	200	20	Vertical
6	9495.9000	46.44	47.24	0.80	74.00	26.76	100	199	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]	Polarity
1	1368.6098	-23.64	53.75	30.11	54.00	23.89	200	Vertical

Mode: Mode 1/ IEEE 802.11n HT20

Temp. /Hum.:25℃/60%RH

Test Engineer: Chen Xiacong

Frequency :5180MHz

Power supply:AC120V/60Hz

Test Date: 2022-01-20

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	70.45	46.80	-23.65	74.00	27.20	200	226	Horizontal
2	2283.4000	56.45	36.23	-20.22	74.00	37.77	200	213	Horizontal
3	4587.4000	49.56	39.39	-10.17	74.00	34.61	100	226	Horizontal
4	6295.0000	48.88	42.75	-6.13	68.30	25.55	100	150	Horizontal
5	7701.8000	46.78	44.32	-2.46	74.00	29.68	200	107	Horizontal
6	11310.9000	42.48	46.70	4.22	74.00	27.30	200	264	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	69.17	45.52	-23.65	74.00	28.48	200	28	Vertical
2	1700.2000	64.19	41.83	-22.36	74.00	32.17	200	75	Vertical
3	1829.8000	61.83	39.88	-21.95	68.30	28.42	200	219	Vertical
4	2286.4000	62.96	42.77	-20.19	74.00	31.23	200	151	Vertical
5	4687.6000	48.61	39.11	-9.50	74.00	34.89	100	349	Vertical
6	7711.7000	46.84	44.45	-2.39	74.00	29.55	200	359	Vertical

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

Mode: Mode 1/ IEEE 802.11n HT20

Temp. /Hum.:25℃/60%RH

Test Engineer: Chen Xiacong

Frequency :5200MHz

Power supply:AC120V/60Hz

Test Date: 2022-01-20

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	71.08	47.43	-23.65	74.00	26.57	200	237	Horizontal
2	1615.0000	57.97	35.17	-22.80	74.00	38.83	200	79	Horizontal
3	2285.2000	58.60	38.40	-20.20	74.00	35.60	200	203	Horizontal
4	4358.2000	52.23	39.91	-12.32	74.00	34.09	200	340	Horizontal
5	7701.8000	47.21	44.75	-2.46	74.00	29.25	100	123	Horizontal
6	11502.3000	42.24	47.46	5.22	74.00	26.54	100	335	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	1020.4000	63.50	38.38	-25.12	74.00	35.62	200	176	Vertical
2	1373.8000	72.41	48.79	-23.62	74.00	25.21	200	6	Vertical
3	1700.2000	64.36	42.00	-22.36	74.00	32.00	200	45	Vertical
4	2285.8000	62.50	42.30	-20.20	74.00	31.70	200	182	Vertical
5	7146.3000	47.31	43.87	-3.44	68.30	24.43	200	246	Vertical
6	11351.6000	41.98	46.68	4.70	74.00	27.32	100	150	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	1368.2309	-23.65	54.19	30.54	54.00	23.46	181	152	Vertical

Mode: Mode 1/ IEEE 802.11n HT20

Temp. /Hum.:25℃/60%RH

Test Engineer: Chen Xiacong

Frequency :5240MHz

Power supply:AC120V/60Hz

Test Date: 2022-01-20

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	70.10	46.45	-23.65	74.00	27.55	200	226	Horizontal
2	2282.8000	57.25	37.03	-20.22	74.00	36.97	200	97	Horizontal
3	3739.6000	52.63	38.10	-14.53	74.00	35.90	200	337	Horizontal
4	7729.3000	47.01	44.73	-2.28	74.00	29.27	200	100	Horizontal
5	10294.5000	43.16	45.79	2.63	68.30	22.51	100	65	Horizontal
6	14020.2000	39.42	48.66	9.24	68.30	19.64	200	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	1021.0000	63.23	38.11	-25.12	74.00	35.89	200	150	Vertical
2	1369.6000	71.63	47.99	-23.64	74.00	26.01	200	34	Vertical
3	1824.4000	64.79	42.82	-21.97	68.30	25.48	200	220	Vertical
4	2275.6000	62.12	41.84	-20.28	74.00	32.16	200	192	Vertical
5	7720.5000	47.15	44.82	-2.33	74.00	29.18	100	2	Vertical
6	14012.5000	38.97	48.35	9.38	68.30	19.95	200	12	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	1368.3111	-23.65	54.09	30.44	54.00	23.56	200	11	Vertical

Mode: Mode 1/ IEEE 802.11n HT20

Temp. /Hum.:25℃/60%RH

Test Engineer: Chen Xiacong

Frequency :5745MHz

Power supply:AC120V/60Hz

Test Date: 2022-01-20

Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1367.8000	71.03	47.38	-23.65	74.00	26.62	200	246	Horizontal
2	1749.4000	63.45	41.01	-22.44	68.30	27.29	200	219	Horizontal
3	2286.4000	57.40	37.21	-20.19	74.00	36.79	200	69	Horizontal
4	7735.9000	46.33	44.10	-2.23	74.00	29.90	100	126	Horizontal
5	11429.7000	42.19	46.78	4.59	74.00	27.22	100	305	Horizontal
6	13986.1000	39.45	48.86	9.41	68.30	19.44	200	332	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	1020.4000	66.49	41.37	-25.12	74.00	32.63	200	317	Vertical
2	1366.0000	72.74	49.08	-23.66	74.00	24.92	200	157	Vertical
3	1530.4000	65.58	42.71	-22.87	74.00	31.29	200	14	Vertical
4	2283.4000	62.71	42.49	-20.22	74.00	31.51	200	274	Vertical
5	7721.6000	47.46	45.13	-2.33	74.00	28.87	200	12	Vertical
6	11544.1000	41.88	46.87	4.99	74.00	27.13	100	52	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	1368.1537	-23.65	53.52	29.87	54.00	24.13	179	11	Vertical

Mode: Mode 1/ IEEE 802.11n HT20

Temp. /Hum.:25℃/60%RH

Test Engineer: Chen Xiacong

Frequency :5785MHz

Power supply:AC120V/60Hz

Test Date: 2022-01-20

Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1020.4000	62.88	37.76	-25.12	74.00	36.24	100	34	Horizontal
2	1369.0000	70.23	46.58	-23.65	74.00	27.42	200	226	Horizontal
3	1747.0000	63.35	40.91	-22.44	68.30	27.39	100	358	Horizontal
4	2285.8000	56.93	36.73	-20.20	74.00	37.27	200	34	Horizontal
5	7719.4000	47.34	45.00	-2.34	74.00	29.00	200	277	Horizontal
6	14016.9000	38.58	47.88	9.30	68.30	20.42	100	346	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	1019.8000	65.76	40.64	-25.12	74.00	33.36	200	205	Vertical
2	1373.2000	70.89	47.27	-23.62	74.00	26.73	200	1	Vertical
3	1700.8000	64.83	42.47	-22.36	74.00	31.53	200	42	Vertical
4	2284.0000	62.40	42.19	-20.21	74.00	31.81	200	260	Vertical
5	7734.8000	47.92	45.68	-2.24	74.00	28.32	200	2	Vertical
6	11387.9000	42.39	47.08	4.69	74.00	26.92	200	356	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	1368.0818	-23.66	53.50	29.84	54.00	24.16	188	11	Vertical

Mode: Mode 1/ IEEE 802.11n HT20

Temp. /Hum.:25℃/60%RH

Test Engineer: Chen Xiacong

Frequency :5825MHz

Power supply:AC120V/60Hz

Test Date: 2022-01-20

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	69.54	45.89	-23.65	74.00	28.11	200	253	Horizontal
2	2280.4000	56.55	36.31	-20.24	74.00	37.69	200	69	Horizontal
3	4455.4000	50.92	39.93	-10.99	68.30	28.37	100	124	Horizontal
4	7159.5000	47.72	44.29	-3.43	68.30	24.01	200	284	Horizontal
5	9498.1000	44.98	45.79	0.81	74.00	28.21	200	229	Horizontal
6	14007.0000	38.47	47.96	9.49	68.30	20.34	200	311	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	1019.8000	67.58	42.46	-25.12	74.00	31.54	200	35	Vertical
2	1372.6000	71.55	47.92	-23.63	74.00	26.08	200	159	Vertical
3	1700.2000	64.07	41.71	-22.36	74.00	32.29	200	49	Vertical
4	2285.8000	62.78	42.58	-20.20	74.00	31.42	200	166	Vertical
5	7711.7000	46.86	44.47	-2.39	74.00	29.53	200	271	Vertical
6	10491.4000	43.72	47.42	3.70	68.30	20.88	100	352	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	1368.2733	-23.66	53.62	29.96	54.00	24.04	188	11	Vertical

Mode: Mode 1/ IEEE 802.11n HT40

Temp. /Hum.:25°C/60%RH

Test Engineer: Lu Qiang

Frequency :5190MHz

Power supply:AC120V/60Hz

Test Date: 2022-01-14

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1021.0000	61.26	36.14	-25.12	74.00	37.86	200	2	Horizontal
2	1368.4000	73.22	49.57	-23.65	74.00	24.43	200	237	Horizontal
3	1700.2000	58.46	36.10	-22.36	74.00	37.90	200	45	Horizontal
4	2275.6000	56.55	36.27	-20.28	74.00	37.73	200	120	Horizontal
5	2594.2000	58.64	39.39	-19.25	68.30	28.91	200	38	Horizontal
6	4669.6000	50.89	41.53	-9.36	74.00	32.47	200	209	Horizontal

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	1368.2426	-23.65	50.77	27.12	54.00	26.88	200	245	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	1020.4000	68.15	43.03	-25.12	74.00	30.97	200	107	Vertical
2	1365.4000	70.92	47.26	-23.66	74.00	26.74	200	148	Vertical
3	1700.8000	65.28	42.92	-22.36	74.00	31.08	200	73	Vertical
4	1830.4000	60.78	38.84	-21.94	68.30	29.46	200	210	Vertical
5	2286.4000	62.46	42.27	-20.19	74.00	31.73	200	264	Vertical
6	2465.2000	59.57	39.96	-19.61	68.30	28.34	200	39	Vertical

Mode: Mode 1/ IEEE 802.11n HT40

Temp. /Hum.:25℃/60%RH

Test Engineer: Lu Qiang

Frequency :5230MHz

Power supply:AC120V/60Hz

Test Date: 2022-01-14

Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1020.4000	61.25	36.13	-25.12	74.00	37.87	200	1	Horizontal
2	1368.4000	72.01	48.36	-23.65	74.00	25.64	200	243	Horizontal
3	1700.8000	58.88	36.52	-22.36	74.00	37.48	200	52	Horizontal
4	2286.4000	56.95	36.76	-20.19	74.00	37.24	200	59	Horizontal
5	4033.0000	53.60	39.74	-13.86	74.00	34.26	200	359	Horizontal
6	4625.8000	51.88	42.26	-9.62	74.00	31.74	200	161	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	1020.4000	64.37	39.25	-25.12	74.00	34.75	200	182	Vertical
2	1369.6000	71.56	47.92	-23.64	74.00	26.08	200	359	Vertical
3	1700.2000	65.35	42.99	-22.36	74.00	31.01	200	24	Vertical
4	1824.4000	60.14	38.17	-21.97	68.30	30.13	200	210	Vertical
5	2276.2000	62.40	42.12	-20.28	74.00	31.88	200	37	Vertical
6	2636.2000	59.37	40.62	-18.75	68.30	27.68	200	189	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	1368.1400	-23.65	54.49	30.84	54.00	23.16	198	0	Vertical

Mode: Mode 1/ IEEE 802.11n HT40

Temp. /Hum.:25℃/60%RH

Test Engineer: Lu Qiang

Frequency :5755MHz

Power supply:AC120V/60Hz

Test Date: 2022-01-14

Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1020.4000	64.39	39.27	-25.12	74.00	34.73	200	8	Horizontal
2	1368.4000	71.99	48.34	-23.65	74.00	25.66	200	242	Horizontal
3	1700.2000	58.79	36.43	-22.36	74.00	37.57	200	242	Horizontal
4	2287.6000	57.35	37.17	-20.18	74.00	36.83	200	207	Horizontal
5	2584.0000	57.10	37.97	-19.13	68.30	30.33	200	125	Horizontal
6	4643.2000	50.73	41.41	-9.32	74.00	32.59	200	14	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	1020.4000	66.73	41.61	-25.12	74.00	32.39	200	124	Vertical
2	1367.2000	72.65	49.00	-23.65	74.00	25.00	200	359	Vertical
3	1700.2000	65.79	43.43	-22.36	74.00	30.57	200	76	Vertical
4	1831.0000	61.81	39.87	-21.94	68.30	28.43	200	213	Vertical
5	2285.8000	61.86	41.66	-20.20	74.00	32.34	200	359	Vertical
6	3200.2000	56.90	40.24	-16.66	68.30	28.06	200	296	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	1368.1214	-23.65	54.36	30.71	54.00	23.29	198	360	Vertical

Mode: Mode 1/ IEEE 802.11n HT40

Temp. /Hum.:25°C/60%RH

Test Engineer: Lu Qiang

Frequency :5795MHz

Power supply:AC120V/60Hz

Test Date: 2022-01-14

Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1021.0000	58.95	33.83	-25.12	74.00	40.17	200	8	Horizontal
2	1367.8000	75.49	51.84	-23.65	74.00	22.16	200	233	Horizontal
3	1700.2000	58.91	36.55	-22.36	74.00	37.45	200	62	Horizontal
4	2287.6000	57.30	37.12	-20.18	74.00	36.88	200	116	Horizontal
5	2600.2000	55.97	36.66	-19.31	68.30	31.64	100	360	Horizontal
6	3928.0000	53.08	40.14	-12.94	74.00	33.86	200	294	Horizontal

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	1368.4018	-23.65	50.26	26.61	54.00	27.39	164	244	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	1020.4000	69.18	44.06	-25.12	74.00	29.94	200	158	Vertical
2	1362.4000	71.27	47.59	-23.68	74.00	26.41	200	8	Vertical
3	1700.2000	66.17	43.81	-22.36	74.00	30.19	200	28	Vertical
4	1822.6000	60.55	38.58	-21.97	68.30	29.72	200	218	Vertical
5	2275.0000	63.25	42.96	-20.29	74.00	31.04	200	62	Vertical
6	2635.6000	58.48	39.72	-18.76	68.30	28.58	200	318	Vertical

Mode: Mode 1/ IEEE 802.11ac VHT20

Temp. /Hum.:25℃/60%RH

Test Engineer: Lu Qiang

Frequency :5180MHz

Power supply:AC120V/60Hz

Test Date: 2022-01-13

Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1020.4000	58.68	33.56	-25.12	74.00	40.44	200	308	Horizontal
2	1368.4000	73.72	50.07	-23.65	74.00	23.93	200	240	Horizontal
3	1700.2000	59.27	36.91	-22.36	74.00	37.09	200	54	Horizontal
4	2280.4000	57.85	37.61	-20.24	74.00	36.39	200	34	Horizontal
5	3620.2000	52.69	37.12	-15.57	74.00	36.88	100	1	Horizontal
6	3853.6000	53.91	40.78	-13.13	74.00	33.22	200	143	Horizontal

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	1368.5916	-23.65	68.73	45.08	54.00	8.92	200	247	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	1019.2000	68.05	42.92	-25.13	74.00	31.08	200	305	Vertical
2	1368.4000	71.70	48.05	-23.65	74.00	25.95	200	8	Vertical
3	1700.2000	65.23	42.87	-22.36	74.00	31.13	200	28	Vertical
4	1823.8000	61.56	39.59	-21.97	68.30	28.71	200	212	Vertical
5	2285.8000	62.62	42.42	-20.20	74.00	31.58	200	158	Vertical
6	2465.8000	59.64	40.03	-19.61	68.30	28.27	200	49	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	1368.4205	-23.65	55.07	31.42	54.00	22.58	195	2	Vertical

Mode: Mode 1/ IEEE 802.11ac VHT20

Temp. /Hum.:25℃/60%RH

Test Engineer: Lu Qiang

Frequency :5200MHz

Power supply:AC120V/60Hz

Test Date: 2022-01-13

Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1020.4000	59.87	34.75	-25.12	74.00	39.25	200	8	Horizontal
2	1363.0000	70.16	46.48	-23.68	74.00	27.52	200	226	Horizontal
3	1700.2000	58.63	36.27	-22.36	74.00	37.73	200	55	Horizontal
4	2285.8000	56.92	36.72	-20.20	74.00	37.28	200	62	Horizontal
5	3214.0000	53.80	37.01	-16.79	68.30	31.29	100	179	Horizontal
6	4633.6000	51.19	41.70	-9.49	74.00	32.30	100	14	Horizontal

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	1368.3726	-23.65	50.66	27.01	54.00	26.99	200	245	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	1020.4000	66.63	41.51	-25.12	74.00	32.49	200	109	Vertical
2	1373.2000	72.82	49.20	-23.62	74.00	24.80	200	353	Vertical
3	1700.8000	65.61	43.25	-22.36	74.00	30.75	200	68	Vertical
4	1826.2000	60.05	38.09	-21.96	68.30	30.21	200	212	Vertical
5	2285.8000	61.99	41.79	-20.20	74.00	32.21	200	360	Vertical
6	2635.0000	58.28	39.51	-18.77	68.30	28.79	200	312	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	1368.1674	-23.65	53.38	29.73	54.00	24.27	190	358	Vertical

Mode: Mode 1/ IEEE 802.11ac VHT20

Temp. /Hum.:25℃/60%RH

Test Engineer: Lu Qiang

Frequency :5240MHz

Power supply:AC120V/60Hz

Test Date: 2022-01-13

Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1020.4000	59.70	34.58	-25.12	74.00	39.42	200	10	Horizontal
2	1368.4000	71.26	47.61	-23.65	74.00	26.39	200	236	Horizontal
3	1700.2000	58.85	36.49	-22.36	74.00	37.51	200	58	Horizontal
4	2284.0000	57.40	37.19	-20.21	74.00	36.81	200	24	Horizontal
5	3228.4000	53.73	36.81	-16.92	68.30	31.49	100	210	Horizontal
6	3933.4000	53.10	40.20	-12.90	74.00	33.80	200	278	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	1020.4000	66.23	41.11	-25.12	74.00	32.89	200	24	Vertical
2	1370.2000	72.38	48.74	-23.64	74.00	25.26	200	24	Vertical
3	1615.6000	62.73	39.93	-22.80	74.00	34.07	200	158	Vertical
4	1700.2000	65.75	43.39	-22.36	74.00	30.61	200	24	Vertical
5	2285.2000	62.83	42.63	-20.20	74.00	31.37	200	37	Vertical
6	4642.6000	51.30	41.97	-9.33	74.00	32.03	200	206	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	1368.4411	-23.65	51.86	28.21	54.00	25.79	186	21	Vertical

Mode: Mode 1/ IEEE 802.11ac VHT20

Temp. /Hum.:25℃/60%RH

Test Engineer: Lu Qiang

Frequency :5745MHz

Power supply:AC120V/60Hz

Test Date: 2022-01-13

Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1019.8000	58.42	33.30	-25.12	74.00	40.70	200	109	Horizontal
2	1367.8000	72.39	48.74	-23.65	74.00	25.26	200	266	Horizontal
3	1700.8000	58.99	36.63	-22.36	74.00	37.37	200	55	Horizontal
4	2599.0000	59.62	40.32	-19.30	68.30	27.98	100	8	Horizontal
5	3823.0000	53.09	39.70	-13.39	74.00	34.30	100	359	Horizontal
6	4627.0000	51.60	42.00	-9.60	74.00	32.00	200	143	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	1019.8000	65.19	40.07	-25.12	74.00	33.93	200	181	Vertical
2	1364.2000	74.32	50.65	-23.67	74.00	23.35	200	160	Vertical
3	1700.8000	65.33	42.97	-22.36	74.00	31.03	200	31	Vertical
4	1829.2000	60.97	39.02	-21.95	68.30	29.28	200	215	Vertical
5	2285.2000	62.15	41.95	-20.20	74.00	32.05	200	31	Vertical
6	4100.8000	54.65	41.98	-12.67	74.00	32.02	200	167	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	1368.4137	-23.65	54.48	30.83	54.00	23.17	197	155	Vertical

Mode: Mode 1/ IEEE 802.11ac VHT20

Temp. /Hum.:25℃/60%RH

Test Engineer: Lu Qiang

Frequency :5785MHz

Power supply:AC120V/60Hz

Test Date: 2022-01-13

Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1020.4000	58.87	33.75	-25.12	74.00	40.25	200	8	Horizontal
2	1368.4000	71.32	47.67	-23.65	74.00	26.33	200	240	Horizontal
3	1700.2000	59.91	37.55	-22.36	74.00	36.45	200	55	Horizontal
4	2275.6000	57.11	36.83	-20.28	74.00	37.17	200	42	Horizontal
5	2590.6000	56.38	37.18	-19.20	68.30	31.12	200	103	Horizontal
6	4648.6000	50.77	41.55	-9.22	74.00	32.45	100	322	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	1020.4000	65.51	40.39	-25.12	74.00	33.61	200	199	Vertical
2	1363.0000	73.16	49.48	-23.68	74.00	24.52	200	4	Vertical
3	1700.2000	66.35	43.99	-22.36	74.00	30.01	200	28	Vertical
4	1824.4000	61.68	39.71	-21.97	68.30	28.59	200	220	Vertical
5	2274.4000	62.43	42.13	-20.30	74.00	31.87	200	62	Vertical
6	2465.8000	59.71	40.10	-19.61	68.30	28.20	200	48	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	1368.3795	-23.65	54.37	30.72	54.00	23.28	200	7	Vertical

Mode: Mode 1/ IEEE 802.11ac VHT20

Temp. /Hum.:25℃/60%RH

Test Engineer: Lu Qiang

Frequency :5825MHz

Power supply:AC120V/60Hz

Test Date: 2022-01-14

Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1019.8000	60.02	34.90	-25.12	74.00	39.10	200	1	Horizontal
2	1369.0000	72.66	49.01	-23.65	74.00	24.99	200	240	Horizontal
3	1700.2000	59.24	36.88	-22.36	74.00	37.12	200	61	Horizontal
4	2279.8000	57.28	37.03	-20.25	74.00	36.97	200	144	Horizontal
5	2593.6000	57.29	38.05	-19.24	68.30	30.25	200	350	Horizontal
6	3940.6000	53.16	40.31	-12.85	74.00	33.69	100	110	Horizontal

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	1367.9596	-23.64	69.60	45.96	54.00	8.04	195	244	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	1020.4000	64.86	39.74	-25.12	74.00	34.26	100	295	Vertical
2	1361.8000	71.14	47.46	-23.68	74.00	26.54	200	1	Vertical
3	1530.4000	63.04	40.17	-22.87	74.00	33.83	200	62	Vertical
4	1700.2000	65.36	43.00	-22.36	74.00	31.00	200	137	Vertical
5	1825.0000	60.91	38.94	-21.97	68.30	29.36	200	220	Vertical
6	2286.4000	61.81	41.62	-20.19	74.00	32.38	200	137	Vertical

Mode: Mode 1/ IEEE 802.11ac VHT40

Temp. /Hum.:25℃/60%RH

Test Engineer: Lu Qiang

Frequency :5190MHz

Power supply:AC120V/60Hz

Test Date: 2022-01-13

Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1020.4000	58.80	33.68	-25.12	74.00	40.32	200	340	Horizontal
2	1366.0000	71.54	47.88	-23.66	74.00	26.12	200	237	Horizontal
3	1700.8000	58.53	36.17	-22.36	74.00	37.83	200	52	Horizontal
4	2286.4000	57.96	37.77	-20.19	74.00	36.23	200	25	Horizontal
5	3350.8000	54.27	37.57	-16.70	74.00	36.43	100	299	Horizontal
6	4570.0000	52.00	41.70	-10.30	74.00	32.30	200	326	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	1020.4000	65.27	40.15	-25.12	74.00	33.85	200	189	Vertical
2	1370.8000	71.93	48.29	-23.64	74.00	25.71	200	1	Vertical
3	1700.2000	64.74	42.38	-22.36	74.00	31.62	200	28	Vertical
4	1830.4000	60.10	38.16	-21.94	68.30	30.14	200	216	Vertical
5	2285.8000	62.89	42.69	-20.20	74.00	31.31	200	56	Vertical
6	4107.4000	53.74	41.04	-12.70	74.00	32.96	200	35	Vertical

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

Mode: Mode 1/ IEEE 802.11ac VHT40

Temp. /Hum.:25℃/60%RH

Test Engineer: Lu Qiang

Frequency :5230MHz

Power supply:AC120V/60Hz

Test Date: 2022-01-13

Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1019.8000	58.52	33.40	-25.12	74.00	40.60	200	102	Horizontal
2	1368.4000	71.36	47.71	-23.65	74.00	26.29	200	241	Horizontal
3	1700.8000	58.73	36.37	-22.36	74.00	37.63	200	54	Horizontal
4	2210.8000	58.20	37.53	-20.67	74.00	36.47	200	48	Horizontal
5	3179.8000	54.29	37.21	-17.08	68.30	31.09	100	68	Horizontal
6	4654.0000	50.90	41.67	-9.23	74.00	32.33	100	41	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	1020.4000	65.98	40.86	-25.12	74.00	33.14	200	34	Vertical
2	1364.8000	69.87	46.20	-23.67	74.00	27.80	200	260	Vertical
3	1530.4000	62.94	40.07	-22.87	74.00	33.93	200	20	Vertical
4	1700.2000	65.35	42.99	-22.36	74.00	31.01	200	34	Vertical
5	2286.4000	62.64	42.45	-20.19	74.00	31.55	200	164	Vertical
6	2635.0000	58.13	39.36	-18.77	68.30	28.94	200	317	Vertical

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

Mode: Mode 1/ IEEE 802.11ac VHT40

Temp. /Hum.:25℃/60%RH

Test Engineer: Lu Qiang

Frequency :5755MHz

Power supply:AC120V/60Hz

Test Date: 2022-01-13

Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1020.4000	60.65	35.53	-25.12	74.00	38.47	200	262	Horizontal
2	1367.8000	71.26	47.61	-23.65	74.00	26.39	200	235	Horizontal
3	1700.8000	58.15	35.79	-22.36	74.00	38.21	200	235	Horizontal
4	2276.2000	56.73	36.45	-20.28	74.00	37.55	200	28	Horizontal
5	3367.0000	54.11	37.39	-16.72	68.30	30.91	200	90	Horizontal
6	4642.0000	51.34	42.00	-9.34	74.00	32.00	100	299	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	1020.4000	63.63	38.51	-25.12	74.00	35.49	200	26	Vertical
2	1373.8000	70.81	47.19	-23.62	74.00	26.81	200	356	Vertical
3	1700.2000	65.04	42.68	-22.36	74.00	31.32	200	134	Vertical
4	1826.2000	60.03	38.07	-21.96	68.30	30.23	200	210	Vertical
5	2285.2000	62.15	41.95	-20.20	74.00	32.05	200	182	Vertical
6	2635.6000	58.15	39.39	-18.76	68.30	28.91	200	305	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	1368.3471	-23.65	54.64	30.99	54.00	23.01	198	2	Vertical

Mode: Mode 1/ IEEE 802.11ac VHT40

Temp. /Hum.:25℃/60%RH

Test Engineer: Lu Qiang

Frequency :5795MHz

Power supply:AC120V/60Hz

Test Date: 2022-01-13

Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1034.8000	58.66	33.56	-25.10	74.00	40.44	200	171	Horizontal
2	1367.8000	71.62	47.97	-23.65	74.00	26.03	200	240	Horizontal
3	1700.8000	57.89	35.53	-22.36	74.00	38.47	200	130	Horizontal
4	2277.4000	56.96	36.69	-20.27	74.00	37.31	200	144	Horizontal
5	3464.8000	53.96	37.29	-16.67	68.30	31.01	100	130	Horizontal
6	4749.4000	50.41	41.67	-8.74	74.00	32.33	100	343	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	1021.0000	67.10	41.98	-25.12	74.00	32.02	200	319	Vertical
2	1368.4000	70.43	46.78	-23.65	74.00	27.22	200	150	Vertical
3	1700.2000	65.67	43.31	-22.36	74.00	30.69	200	137	Vertical
4	1824.4000	61.52	39.55	-21.97	68.30	28.75	200	219	Vertical
5	2285.8000	62.66	42.46	-20.20	74.00	31.54	200	157	Vertical
6	2635.6000	58.78	40.02	-18.76	68.30	28.28	200	319	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	1368.3042	-23.65	54.70	31.05	54.00	22.95	198	2	Vertical

Mode: Mode 1/ IEEE 802.11ac VHT80

Temp. /Hum.:25℃/60%RH

Test Engineer: Lu Qiang

Frequency :5210MHz

Power supply:AC120V/60Hz

Test Date: 2022-01-13

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	72.29	48.64	-23.65	74.00	25.36	200	243	Horizontal
2	1700.2000	57.98	35.62	-22.36	74.00	38.38	200	52	Horizontal
3	2285.2000	57.65	37.45	-20.20	74.00	36.55	200	141	Horizontal
4	4105.6000	52.64	39.95	-12.69	74.00	34.05	200	264	Horizontal
5	5065.0000	54.32	44.78	-9.54	74.00	29.22	200	189	Horizontal
6	9310.0000	46.83	47.47	0.64	74.00	26.53	100	227	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	1020.4000	67.42	42.30	-25.12	74.00	31.70	200	258	Vertical
2	1369.0000	70.77	47.12	-23.65	74.00	26.88	200	6	Vertical
3	1700.2000	64.88	42.52	-22.36	74.00	31.48	200	25	Vertical
4	2275.0000	64.32	44.03	-20.29	74.00	29.97	200	182	Vertical
5	3231.4000	55.78	38.83	-16.95	68.30	29.47	200	292	Vertical
6	4361.2000	53.33	41.01	-12.32	74.00	32.99	100	60	Vertical

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

Mode: Mode 1/ IEEE 802.11ac VHT80

Temp. /Hum.:25℃/60%RH

Test Engineer: Lu Qiang

Frequency :5775MHz

Power supply:AC120V/60Hz

Test Date: 2022-01-13

Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1367.8000	70.99	47.34	-23.65	74.00	26.66	200	240	Horizontal
2	1700.2000	59.57	37.21	-22.36	74.00	36.79	200	62	Horizontal
3	2285.8000	58.74	38.54	-20.20	74.00	35.46	200	144	Horizontal
4	3271.0000	54.17	37.17	-17.00	68.30	31.13	200	322	Horizontal
5	4637.8000	51.21	41.80	-9.41	74.00	32.20	100	69	Horizontal
6	7715.0000	48.90	46.53	-2.37	74.00	27.47	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	1364.2000	72.52	48.85	-23.67	74.00	25.15	200	4	Vertical
2	1700.2000	66.05	43.69	-22.36	74.00	30.31	200	75	Vertical
3	2285.2000	62.51	42.31	-20.20	74.00	31.69	200	34	Vertical
4	2635.6000	59.23	40.47	-18.76	68.30	27.83	200	322	Vertical
5	4565.2000	51.22	40.89	-10.33	74.00	33.11	200	322	Vertical
6	5923.0000	53.43	44.98	-8.45	68.30	23.32	200	131	Vertical

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

18 GHz -40GHz

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.

Pre-scan all modes and recorded the worst case results in this report (IEEE 802.11ac VHT20)

Mode: Mode 1/ IEEE802.11 ac VHT20

Temp. /Hum.:25°C/60%RH

Test Engineer: Lu Qiang

Frequency :5180MHz

Power supply:AC120V/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	18421.3000	58.46	46.94	-11.52	83.54	36.60	150	159	Horizontal
2	22912.6000	55.48	46.49	-8.99	83.54	37.05	150	138	Horizontal
3	26169.7000	55.93	47.94	-7.99	77.84	29.90	150	241	Horizontal
4	29621.5000	58.69	50.88	-7.81	77.84	26.96	150	313	Horizontal
5	38006.8000	56.00	52.84	-3.16	77.84	25.00	150	241	Horizontal
6	39935.1000	55.05	54.02	-1.03	77.84	23.82	150	86	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	18474.1000	58.39	46.90	-11.49	83.54	36.64	150	181	Vertical
2	21562.9000	56.90	46.95	-9.95	77.84	30.89	150	181	Vertical
3	23887.2000	56.93	48.55	-8.38	83.54	34.99	150	191	Vertical
4	30115.4000	59.34	50.98	-8.36	77.84	26.86	150	149	Vertical
5	35877.2000	59.63	51.53	-8.10	77.84	26.31	150	294	Vertical
6	38978.1000	55.79	53.51	-2.28	77.84	24.33	150	181	Vertical

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

Mode: Mode 1/ IEEE 802.11 ac VHT20

Temp. /Hum.:25℃/60%RH

Test Engineer: Lu Qiang

Frequency :5200MHz

Power supply:AC120V/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	18445.5000	58.38	46.88	-11.50	83.54	36.66	150	354	Horizontal
2	21059.1000	56.64	46.34	-10.30	83.54	37.20	150	232	Horizontal
3	25024.6000	55.41	47.55	-7.86	77.84	30.29	150	263	Horizontal
4	29182.6000	57.96	49.91	-8.05	77.84	27.93	150	67	Horizontal
5	34199.7000	60.41	51.42	-8.99	77.84	26.42	150	232	Horizontal
6	39718.4000	55.44	54.19	-1.25	77.84	23.65	150	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	18927.3000	58.17	47.00	-11.17	83.54	36.54	150	325	Vertical
2	19925.0000	57.23	46.37	-10.86	83.54	37.17	150	211	Vertical
3	23814.6000	55.77	47.32	-8.45	83.54	36.22	150	1	Vertical
4	29662.2000	57.86	50.01	-7.85	77.84	27.83	150	273	Vertical
5	33064.5000	60.43	51.12	-9.31	77.84	26.72	150	354	Vertical
6	39992.3000	55.09	54.11	-0.98	77.84	23.73	150	118	Vertical

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

Mode: Mode 1/ IEEE 802.11 ac VHT20

Temp. /Hum.:25℃/60%RH

Test Engineer: Lu Qiang

Frequency :5240MHz

Power supply:AC120V/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	19024.1000	58.79	47.70	-11.09	83.54	35.84	150	6	Horizontal
2	22176.7000	56.56	46.81	-9.75	83.54	36.73	150	262	Horizontal
3	27245.5000	56.16	48.15	-8.01	77.84	29.69	150	179	Horizontal
4	30832.6000	59.89	51.44	-8.45	77.84	26.40	150	86	Horizontal
5	34187.6000	60.19	51.20	-8.99	77.84	26.64	150	128	Horizontal
6	39514.9000	55.20	53.68	-1.52	77.84	24.16	150	303	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	18814.0000	58.52	47.24	-11.28	83.54	36.30	150	77	Vertical
2	21103.1000	56.83	46.54	-10.29	83.54	37.00	150	6	Vertical
3	24407.5000	55.62	47.46	-8.16	77.84	30.38	150	305	Vertical
4	27893.4000	57.29	49.02	-8.27	77.84	28.82	150	56	Vertical
5	35263.4000	60.65	51.88	-8.77	77.84	25.96	150	325	Vertical
6	39193.7000	55.90	53.81	-2.09	77.84	24.03	150	1	Vertical

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

Mode: Mode 1/ IEEE 802.11 ac VHT20

Temp. /Hum.:25℃/60%RH

Test Engineer: Lu Qiang

Frequency :5745MHz

Power supply:AC120V/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	18279.4000	58.68	47.11	-11.57	83.54	36.43	150	252	Horizontal
2	20772.0000	57.24	46.91	-10.33	83.54	36.63	150	157	Horizontal
3	23792.6000	55.70	47.23	-8.47	83.54	36.31	150	359	Horizontal
4	27296.1000	56.04	48.02	-8.02	77.84	29.82	150	272	Horizontal
5	32220.8000	59.82	51.04	-8.78	77.84	26.80	150	283	Horizontal
6	39512.7000	55.29	53.77	-1.52	77.84	24.07	150	334	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	18729.3000	58.18	46.85	-11.33	83.54	36.69	150	282	Vertical
2	21308.8000	56.63	46.45	-10.18	83.54	37.09	150	24	Vertical
3	25431.6000	55.61	47.83	-7.78	77.84	30.01	150	66	Vertical
4	28466.5000	58.09	50.04	-8.05	77.84	27.80	150	324	Vertical
5	32467.2000	60.50	51.85	-8.65	77.84	25.99	150	220	Vertical
6	39530.3000	56.01	54.52	-1.49	77.84	23.32	150	220	Vertical

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

Mode: Mode 1/ IEEE 802.11 ac VHT20

Temp. /Hum.:25℃/60%RH

Test Engineer: Lu Qiang

Frequency :5785MHz

Power supply:AC120V/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	18982.3000	57.96	46.85	-11.11	83.54	36.69	150	325	Horizontal
2	21157.0000	56.68	46.39	-10.29	83.54	37.15	150	118	Horizontal
3	24400.9000	55.99	47.83	-8.16	77.84	30.01	150	107	Horizontal
4	28510.5000	57.69	49.63	-8.06	77.84	28.21	150	273	Horizontal
5	33167.9000	60.81	51.47	-9.34	77.84	26.37	150	25	Horizontal
6	39546.8000	54.91	53.45	-1.46	77.84	24.39	150	283	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	18565.4000	58.85	47.42	-11.43	83.54	36.12	150	147	Vertical
2	21111.9000	56.85	46.56	-10.29	83.54	36.98	150	305	Vertical
3	25343.6000	55.18	47.46	-7.72	77.84	30.38	150	1	Vertical
4	29638.0000	58.27	50.44	-7.83	77.84	27.40	150	220	Vertical
5	32433.1000	60.98	52.38	-8.60	77.84	25.46	150	13	Vertical
6	39960.4000	54.91	53.90	-1.01	77.84	23.94	150	253	Vertical

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

Mode: Mode 1/ IEEE 802.11 ac VHT20

Temp. /Hum.:25℃/60%RH

Test Engineer: Lu Qiang

Frequency :5825MHz

Power supply:AC120V/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	19014.2000	58.40	47.31	-11.09	83.54	36.23	150	138	Horizontal
2	22327.4000	56.13	46.56	-9.57	83.54	36.98	150	346	Horizontal
3	24428.4000	55.77	47.62	-8.15	77.84	30.22	150	180	Horizontal
4	28368.6000	57.65	49.61	-8.04	77.84	28.23	150	200	Horizontal
5	31215.4000	59.85	51.46	-8.39	83.54	32.08	150	211	Horizontal
6	39604.0000	54.82	53.45	-1.37	77.84	24.39	150	190	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	58.55	47.07	-11.48	83.54	36.47	150	107	Vertical
2	22724.5000	55.67	46.52	-9.15	83.54	37.02	150	283	Vertical
3	27314.8000	55.90	47.87	-8.03	77.84	29.97	150	345	Vertical
4	31096.6000	60.40	52.02	-8.38	77.84	25.82	150	159	Vertical
5	36370.0000	59.09	51.65	-7.44	77.84	26.19	150	273	Vertical
6	39149.7000	55.73	53.60	-2.13	77.84	24.24	150	293	Vertical

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

7. RESTRICTED BANDS OF OPERATION

7.1. LIMITS

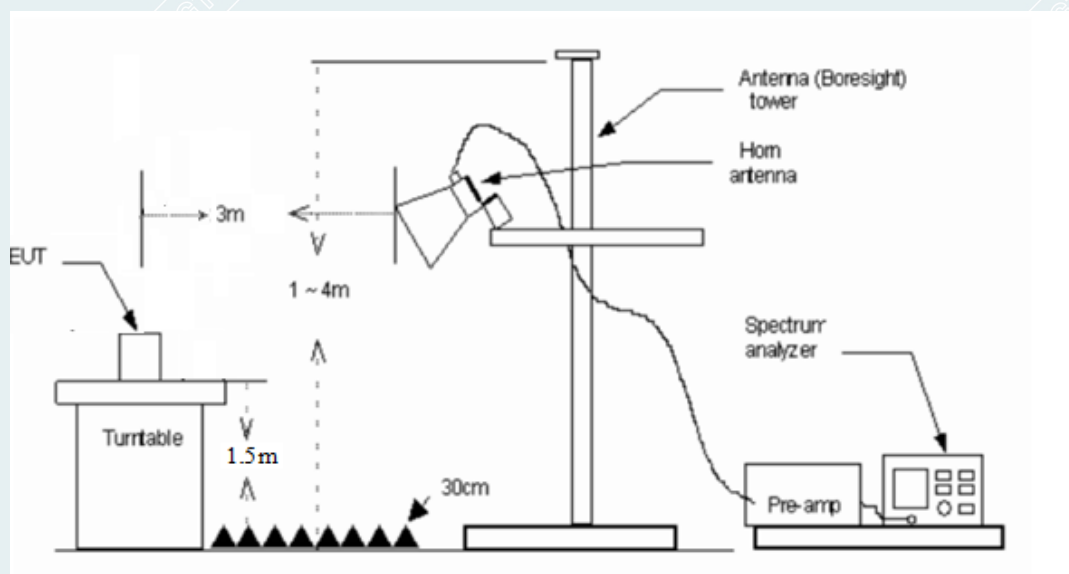
Section 15.407(b)(10) The provisions of §15.205 apply to intentional radiators operating under this section. 15.205(a) Except as shown in paragraph (d) of this section, only spurious emissions are permitted in any of the frequency bands listed below:

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 $\geq 98\%$, set $VBW \leq RBW/100$ (i.e., 10Hz) but not less than 10 Hz, Where duty cycle is defined in section 2.8. If the EUT duty cycle is $< 98\%$, set $VBW \geq 1/T$, Where T is defined in section 2.8.
- 5) Repeat the procedures until all the PEAK and AVERAGE versus polarization are measured.

7.3. TEST SETUP



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

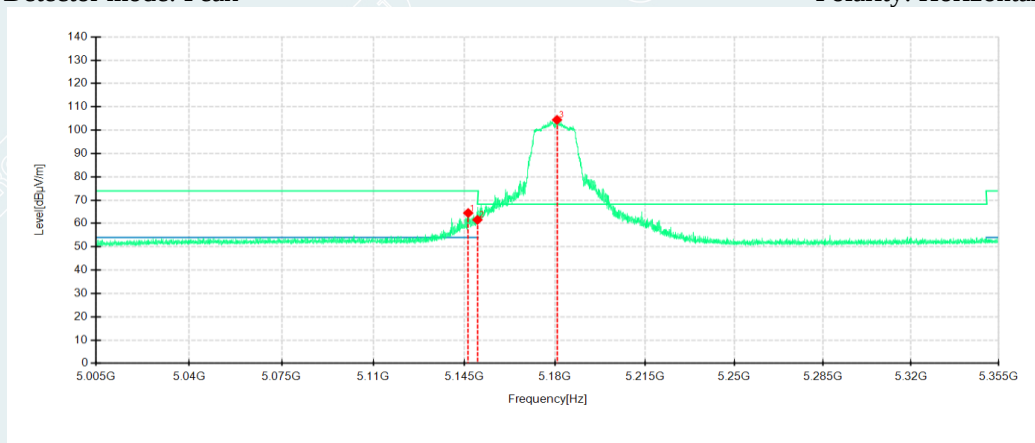
7.4. TEST RESULTS

Temp: 25℃; Humi:60%RH	Power supply: AC120V/60Hz
Test Engineer: Chen Xiacong	Test Date: 2021-12-31 to 2022-04-21

IEEE 802.11a mode/5180MHz

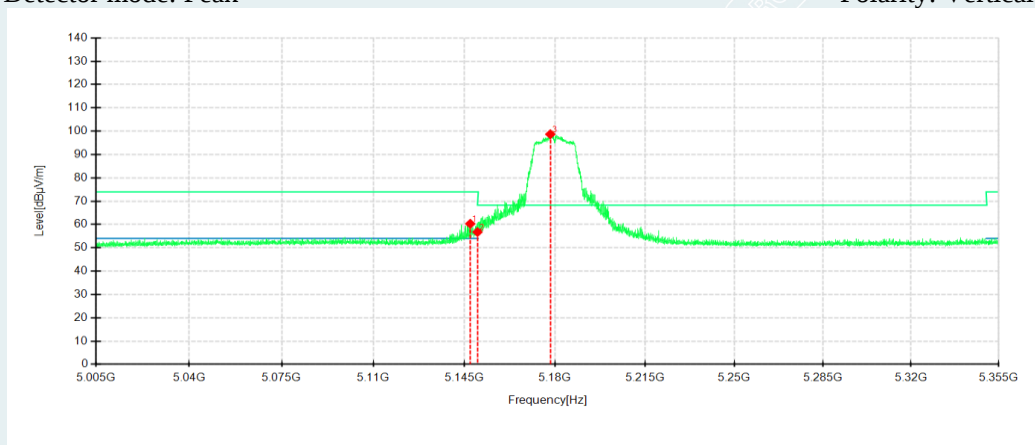
Detector mode: Peak

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical

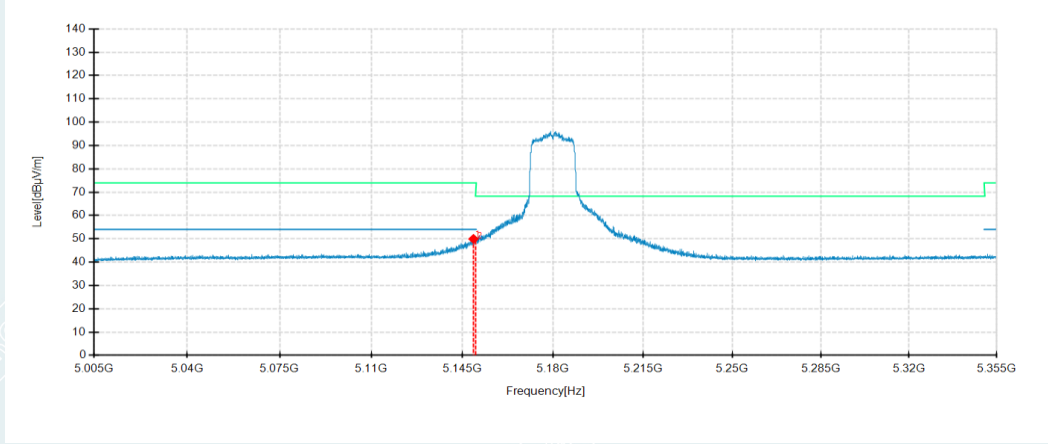


No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5146.435	50.64	64.49	13.85	74.00	9.51	200	197	Horizontal	/
2	5150	47.80	61.57	13.77	74.00	12.43	200	176	Horizontal	/
3	5180.77	89.91	104.43	14.52	68.30	-36.13	200	156	Horizontal	No limit
1	5147.205	46.47	60.30	13.83	74.00	13.70	200	142	Vertical	/
2	5150	42.98	56.75	13.77	74.00	17.25	200	142	Vertical	/
3	5178.18	84.24	98.70	14.46	68.30	-30.40	200	142	Vertical	No limit

IEEE 802.11a mode/5180MHz

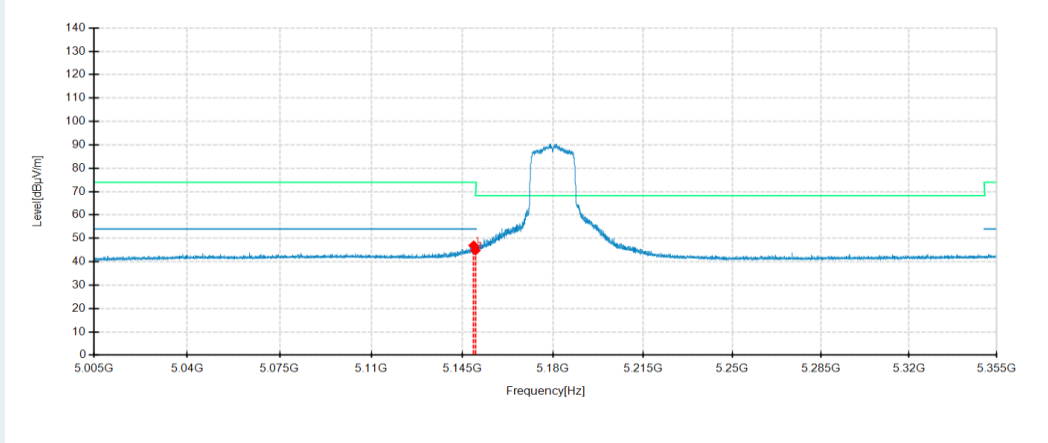
Detector mode: Average

Polarity: Horizontal



Detector mode: Average

Polarity: Vertical

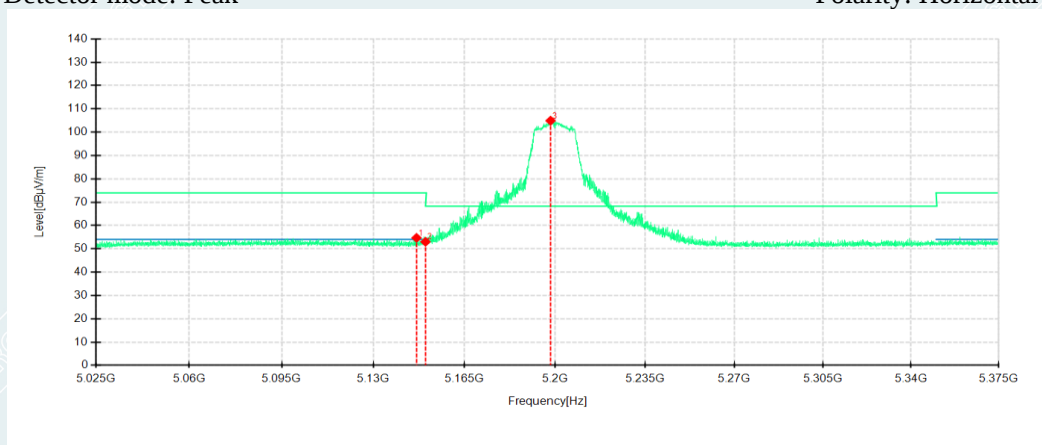


No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5149.235	36.14	49.93	13.79	54.00	4.07	200	197	Horizontal	/
2	5150	35.36	49.13	13.77	54.00	4.87	200	170	Horizontal	/
1	5149.305	33.18	46.97	13.79	54.00	7.03	200	142	Vertical	/
2	5150	31.05	44.82	13.77	54.00	9.18	200	142	Vertical	/

IEEE 802.11a mode/5200MHz

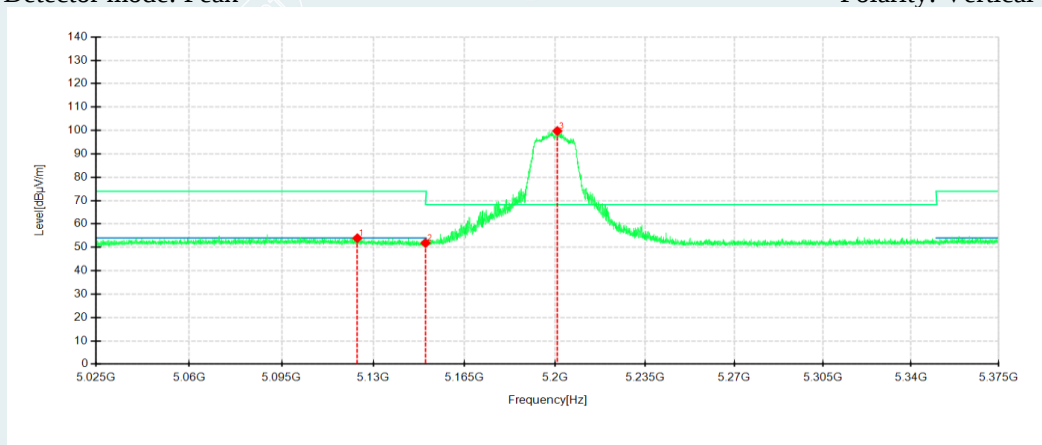
Detector mode: Peak

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical

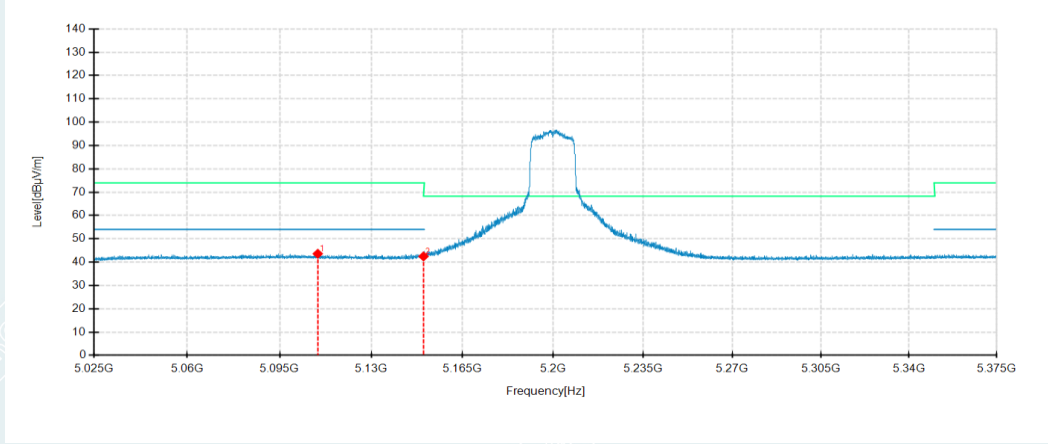


No.	Frequency MHz	Reading dB μ V/m	Level dB μ V/m	Factor dB	Limit dB μ V/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5146.555	40.85	54.69	13.84	74.00	19.31	200	191	Horizontal	/
2	5150	39.24	53.01	13.77	74.00	20.99	200	218	Horizontal	/
3	5198.285	89.98	104.93	14.95	68.30	-36.63	200	197	Horizontal	No limit
1	5123.875	39.57	53.90	14.33	74.00	20.10	100	121	Vertical	/
2	5150	38.08	51.85	13.77	74.00	22.15	200	142	Vertical	/
3	5200.91	84.80	99.78	14.98	68.30	-31.48	200	142	Vertical	No limit

IEEE 802.11a mode/5200MHz

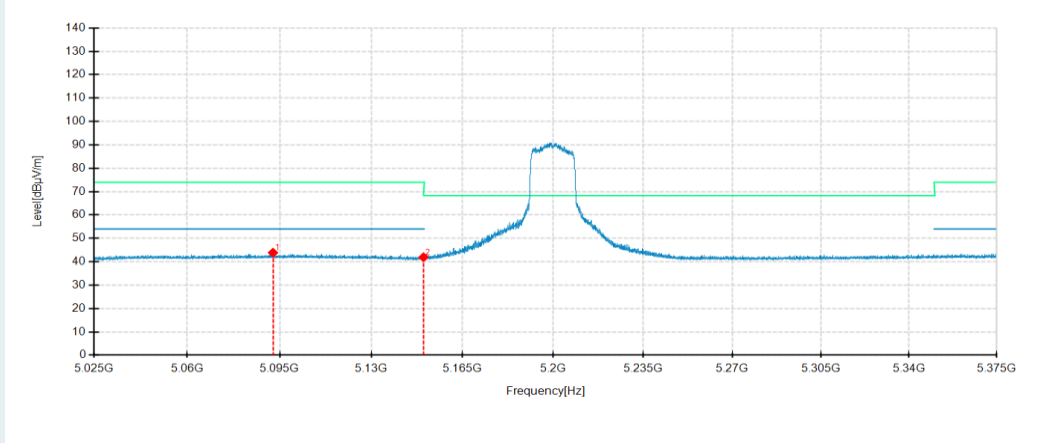
Detector mode: Average

Polarity: Horizontal



Detector mode: Average

Polarity: Vertical

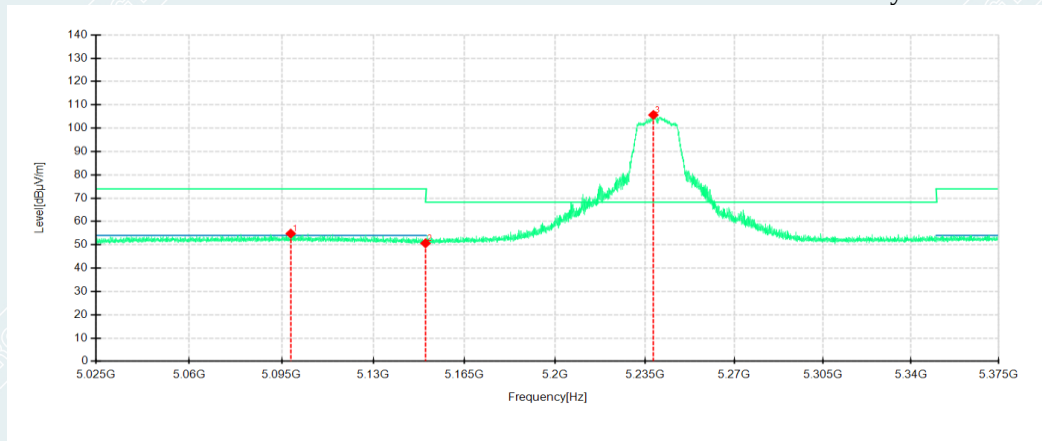


No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5109.525	28.95	43.59	14.64	54.00	10.41	200	149	Horizontal	/
2	5150	28.69	42.46	13.77	54.00	11.54	200	191	Horizontal	/
1	5092.48	29.07	43.85	14.78	54.00	10.15	200	142	Vertical	/
2	5150	28.15	41.92	13.77	54.00	12.08	200	245	Vertical	/

IEEE 802.11a mode/5240MHz

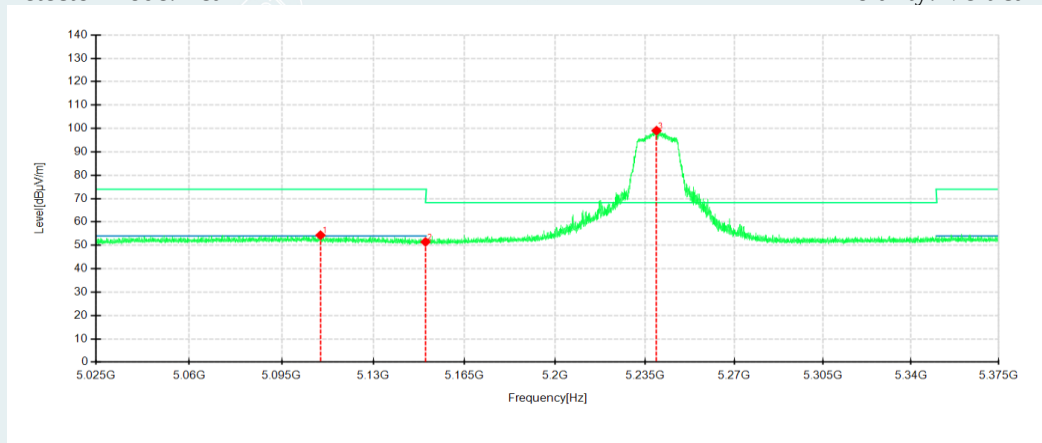
Detector mode: Peak

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical

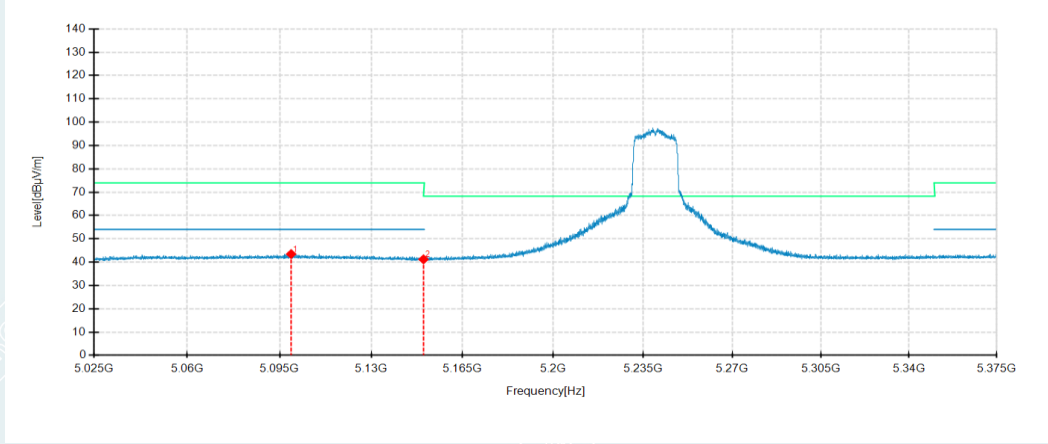


No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5098.465	39.97	54.81	14.84	74.00	19.19	200	88	Horizontal	/
2	5150	36.90	50.67	13.77	74.00	23.33	100	142	Horizontal	/
3	5238.325	91.32	105.69	14.37	68.30	-37.39	200	163	Horizontal	No limit
1	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

IEEE 802.11a mode/5240MHz

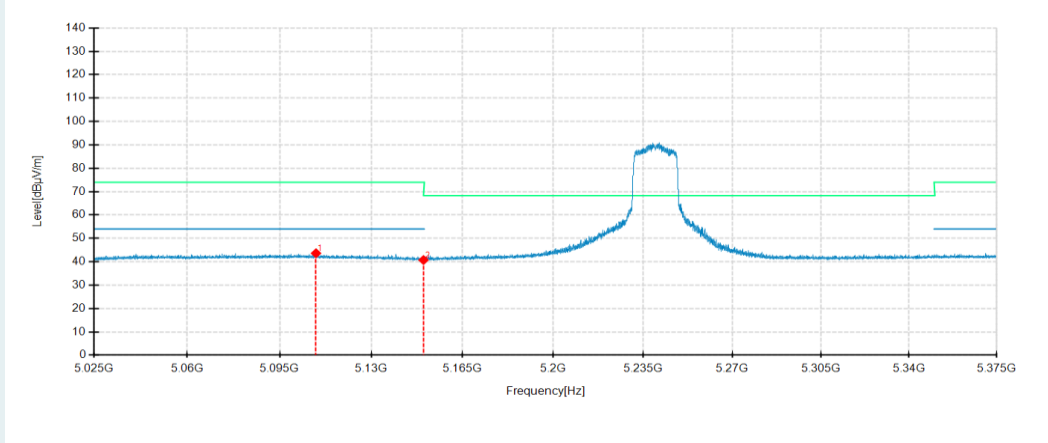
Detector mode: Average

Polarity: Horizontal



Detector mode: Average

Polarity: Vertical

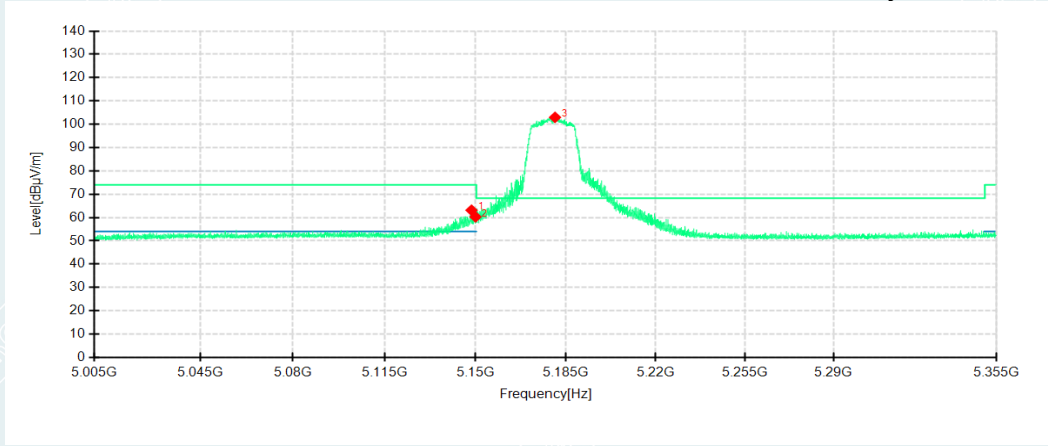


No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5099.375	28.63	43.47	14.84	54.00	10.53	200	67	Horizontal	/
2	5150	27.44	41.21	13.77	54.00	12.79	200	218	Horizontal	/
1	5108.86	28.96	43.62	14.66	54.00	10.38	200	142	Vertical	/
2	5150	26.95	40.72	13.77	54.00	13.28	100	218	Vertical	/

IEEE 802.11n HT20 mode/5180MHz

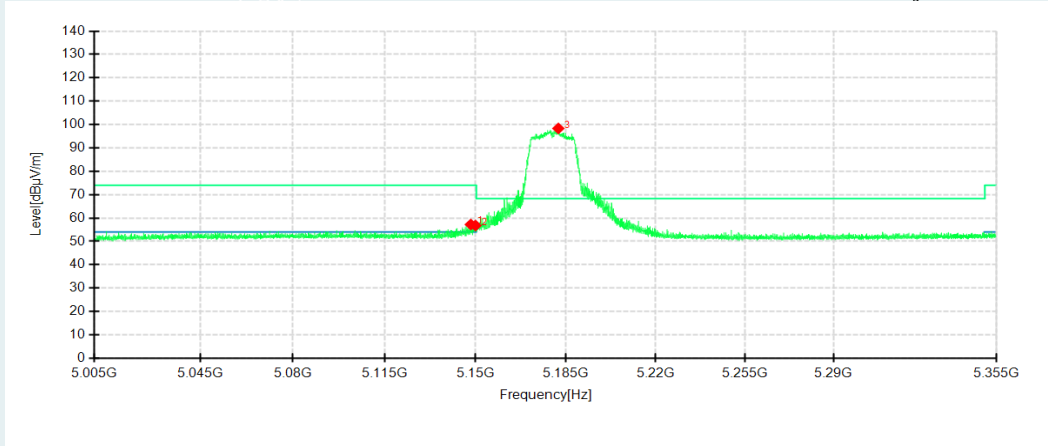
Detector mode: Peak

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical

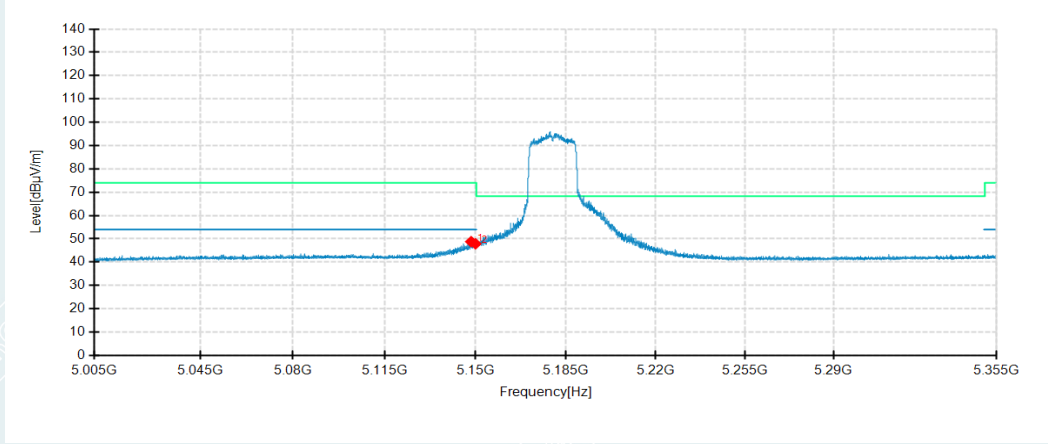


No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5148.4650	49.33	63.13	13.80	74.00	10.87	200	191	Horizontal	/
2	5150.0000	46.51	60.28	13.77	74.00	13.72	200	191	Horizontal	/
3	5180.7700	88.43	102.95	14.52	68.30	-34.65	200	157	Horizontal	No limit
1	5148.1850	43.41	57.22	13.81	74.00	16.78	200	142	Vertical	/
2	5150.0000	43.01	56.78	13.77	74.00	17.22	200	245	Vertical	/
3	5182.0650	83.79	98.34	14.55	68.30	-30.04	200	142	Vertical	No limit

IEEE 802.11n HT20 mode/5180MHz

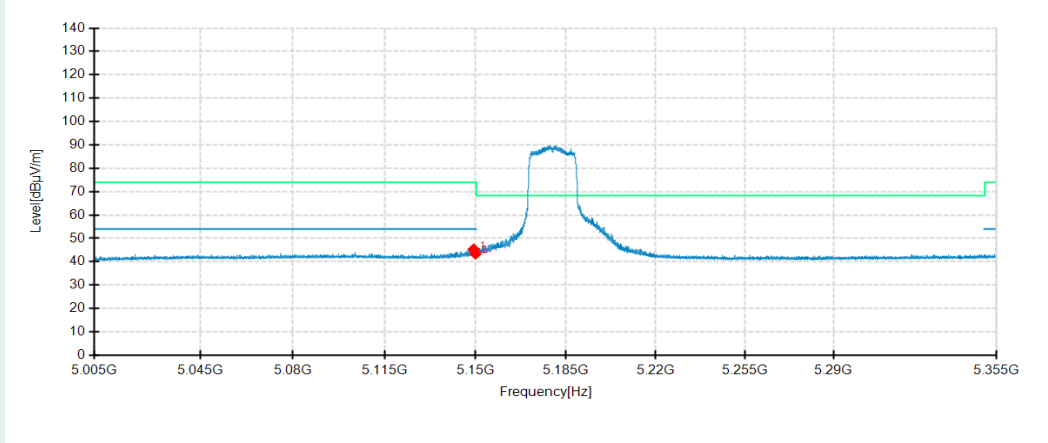
Detector mode: Average

Polarity: Horizontal



Detector mode: Average

Polarity: Vertical

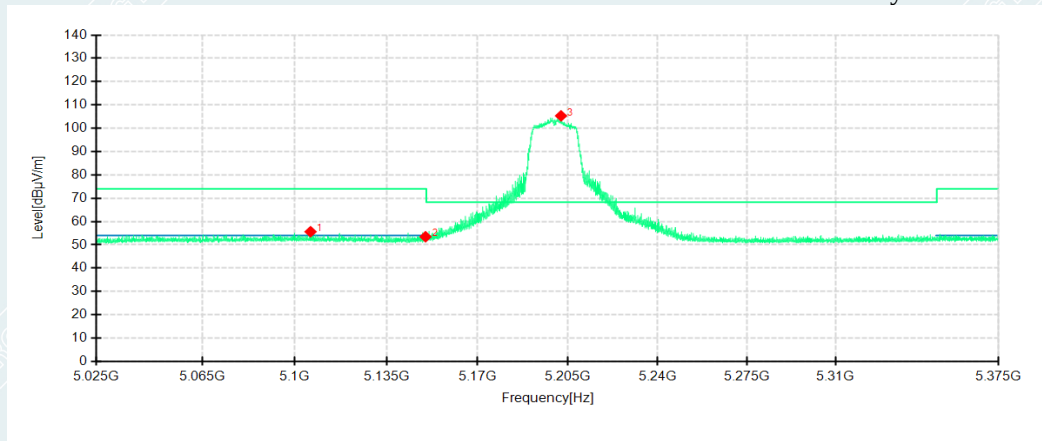


No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBμV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5148.3250	34.97	48.78	13.81	54.00	5.22	200	177	Horizontal	/
2	5150.0000	34.11	47.88	13.77	54.00	6.12	200	191	Horizontal	/
1	5149.3050	31.55	45.34	13.79	54.00	8.66	200	142	Vertical	/
2	5150.0000	29.61	43.38	13.77	54.00	10.62	200	142	Vertical	/

IEEE 802.11n HT20 mode/5200MHz

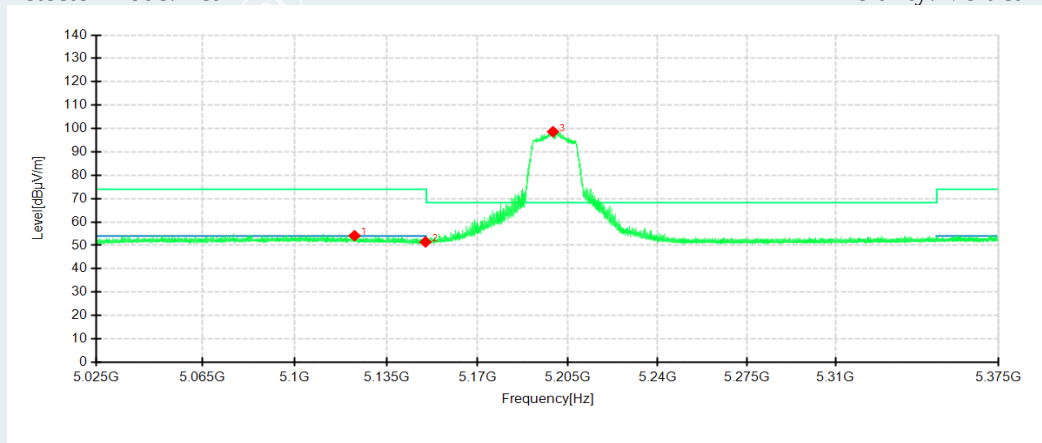
Detector mode: Peak

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical

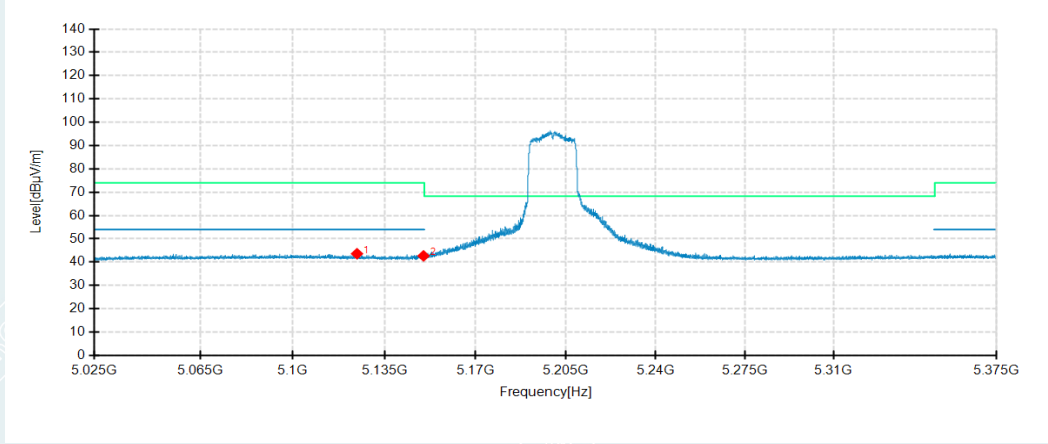


No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBμV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5105.9900	40.90	55.62	14.72	74.00	18.38	100	301	Horizontal	/
2	5150.0000	39.69	53.46	13.77	74.00	20.54	200	191	Horizontal	/
3	5202.3450	90.36	105.31	14.95	68.30	-37.01	200	163	Horizontal	No limit
1	5122.7900	39.78	54.14	14.36	74.00	19.86	200	300	Vertical	/
2	5150.0000	37.68	51.45	13.77	74.00	22.55	200	142	Vertical	/
3	5199.2300	83.66	98.63	14.97	68.30	-30.33	200	142	Vertical	No limit

IEEE 802.11n HT20 mode/5200MHz

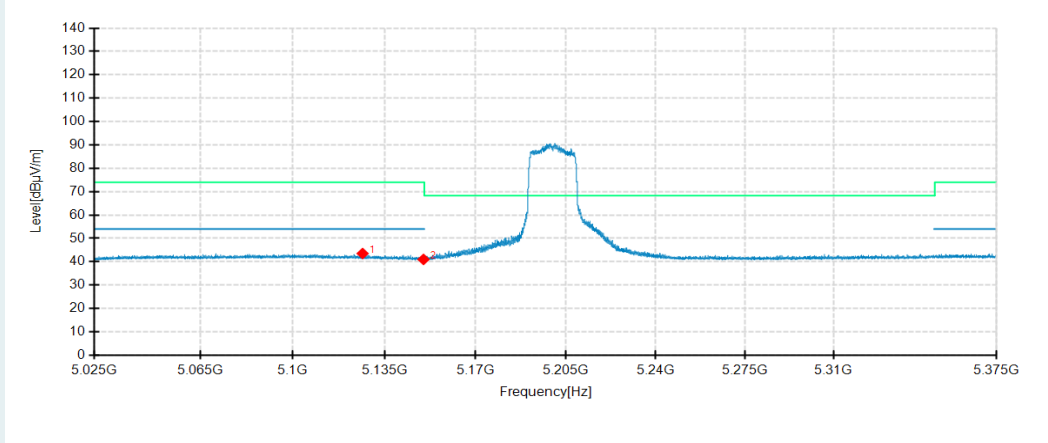
Detector mode: Average

Polarity: Horizontal



Detector mode: Average

Polarity: Vertical

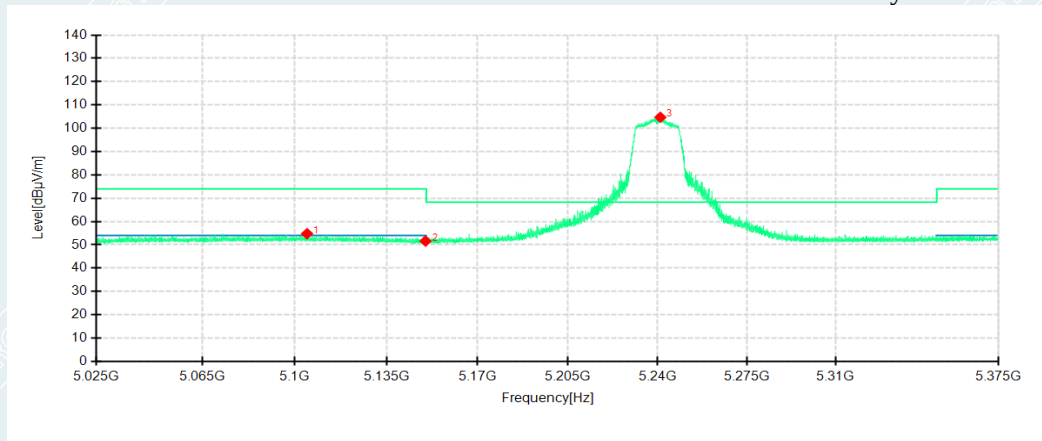


No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5124.5050	29.29	43.61	14.32	54.00	10.39	200	190	Horizontal	/
2	5150.0000	28.92	42.69	13.77	54.00	11.31	200	176	Horizontal	/
1	5126.6400	29.26	43.53	14.27	54.00	10.47	100	218	Vertical	/
2	5150.0000	27.22	40.99	13.77	54.00	13.01	100	218	Vertical	/

IEEE 802.11n HT20 mode/5240MHz

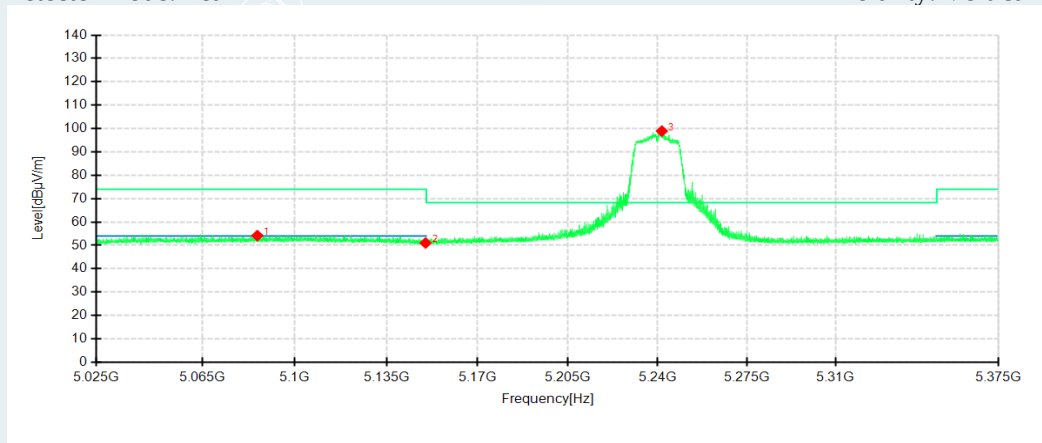
Detector mode: Peak

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical

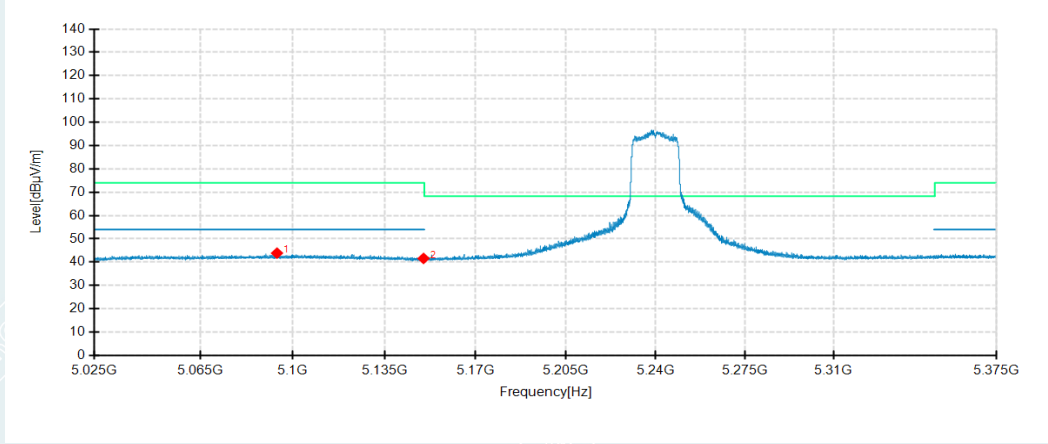


No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBμV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5104.6600	40.01	54.76	14.75	74.00	19.24	100	142	Horizontal	/
2	5150.0000	37.84	51.61	13.77	74.00	22.39	200	142	Horizontal	/
3	5241.0550	90.38	104.70	14.32	68.30	-36.40	200	156	Horizontal	No limit
1	5085.7600	39.45	54.17	14.72	74.00	19.83	100	39	Vertical	/
2	5150.0000	37.24	51.01	13.77	74.00	22.99	200	184	Vertical	/
3	5241.6500	84.60	98.92	14.32	68.30	-30.62	200	142	Vertical	No limit

IEEE 802.11n HT20 mode/5240MHz

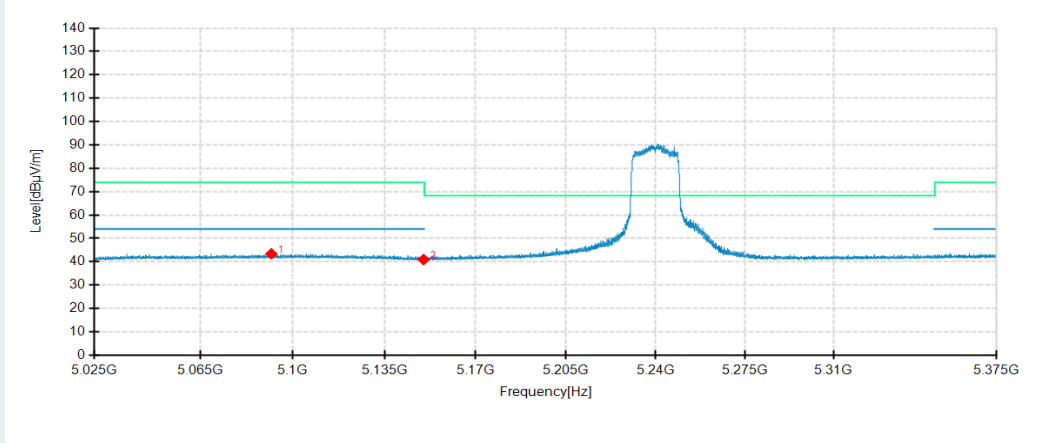
Detector mode: Average

Polarity: Horizontal



Detector mode: Average

Polarity: Vertical

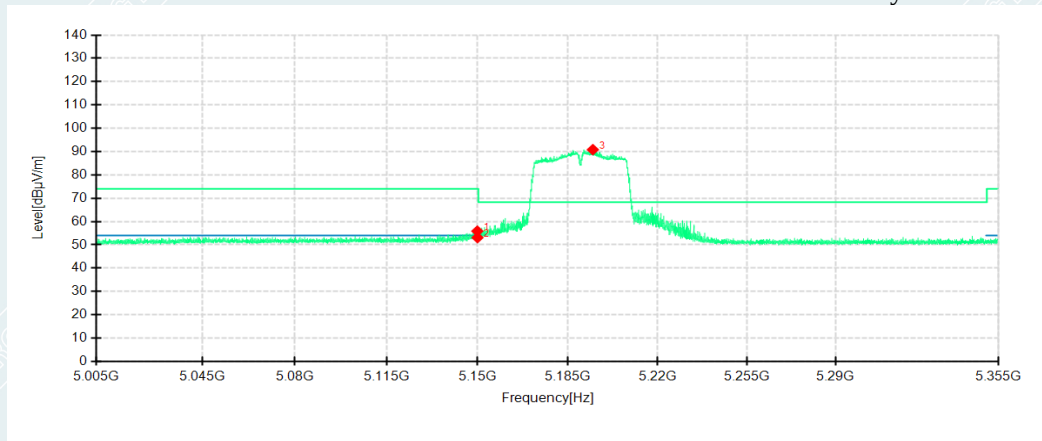


No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBμV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5093.9850	29.07	43.86	14.79	54.00	10.14	200	46	Horizontal	/
2	5150.0000	27.81	41.58	13.77	54.00	12.42	100	197	Horizontal	/
1	5091.8500	28.62	43.39	14.77	54.00	10.61	200	294	Vertical	/
2	5150.0000	27.16	40.93	13.77	54.00	13.07	100	190	Vertical	/

IEEE 802.11n HT40 mode/5190MHz

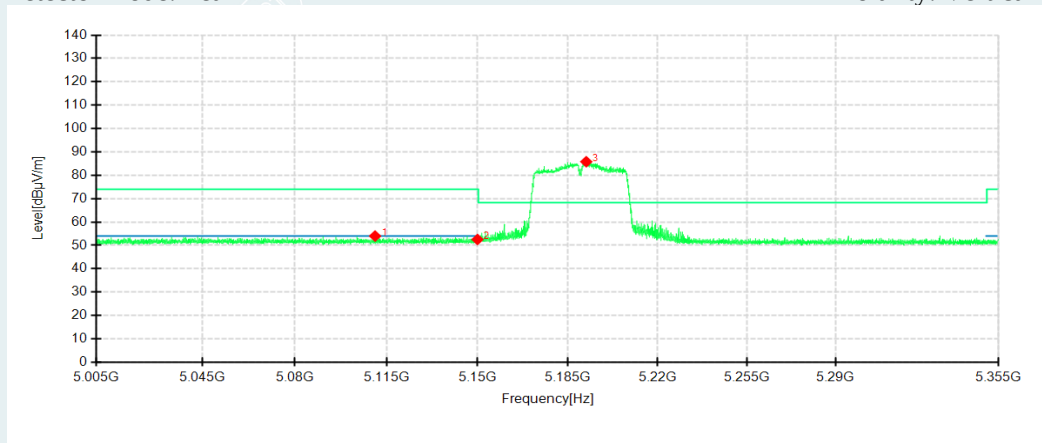
Detector mode: Peak

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical

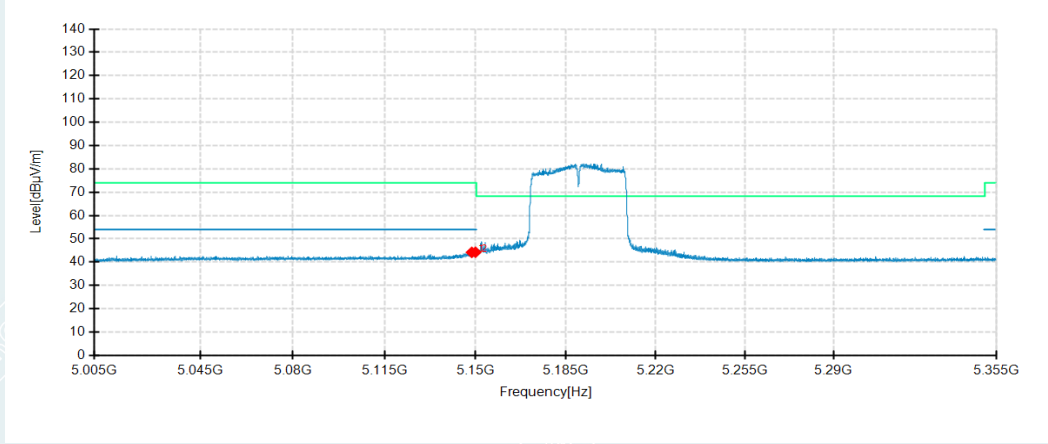


No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5149.9350	41.69	55.87	14.18	74.00	18.13	200	265	Horizontal	/
2	5150.0000	38.90	53.08	14.18	74.00	20.92	200	43	Horizontal	/
3	5194.7000	76.86	90.81	13.95	68.30	-22.51	200	265	Horizontal	No limit
1	5110.6300	39.88	53.99	14.11	74.00	20.01	200	131	Vertical	/
2	5150.0000	38.45	52.53	14.08	74.00	21.47	200	95	Vertical	/
3	5192.1450	71.76	85.79	14.03	68.30	-17.49	200	307	Vertical	No limit

IEEE 802.11n HT40 mode/5190MHz

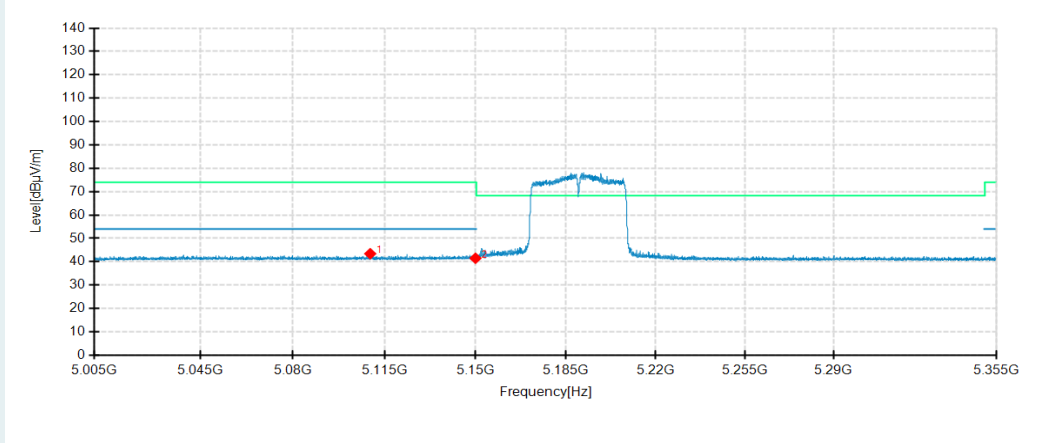
Detector mode: Average

Polarity: Horizontal



Detector mode: Average

Polarity: Vertical



No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBμV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5148.5700	30.02	44.20	14.18	54.00	9.80	200	265	Horizontal	/
2	5150.0000	30.08	44.26	14.18	54.00	9.74	200	265	Horizontal	/
1	5109.5450	29.33	43.44	14.11	54.00	10.56	200	329	Vertical	/
2	5150.0000	27.41	41.49	14.08	54.00	12.51	200	95	Vertical	/