

Test Report

Verified code: 273131

Report No.: E202407050641-10

Customer: Huizhou Desay SV Automotive Co., Ltd.

Address: No 103, Hechang 5th Road West, Zhongkai National Hi-tech Industrial Development Zone, Huizhou City, 516006 Guangdong, P.R. China

Sample Name: Multimedia Player Assembly

Sample Model: TR4304/40

Receive Sample Date: Jul.09,2024

Test Date: Aug.15,2024 ~ Sep.21,2024

Reference Document: 47 CFR, FCC Parts 15 Subpart E Unlicensed National Information Infrastructure Devices

Test Result: Pass

Prepared by: Huang Lifang
Huang Lifang

Reviewed by: Wu Haoting
Wu Haoting

Approved by: Xiao Liang
Xiao Liang



GRG METROLOGY & TEST GROUP CO., LTD.

Issued Date: 2024-10-23

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REPORT ISSUED HISTORY

Report Version	Report No.	Description	Compile Date
1.0	E202407050641-10	Original Issue	2024-10-08

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1. TEST RESULT SUMMARY

Standard	Item	Limit / Severity	Result
47 CFR, FCC Parts 15 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)	N/A ²⁾
	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 antenna is PCB antenna. The max gain of antenna is 1.6dBi, which accordance 15.203 is considered sufficient to comply with the provisions of this section.

²⁾Test is not applicable to this Equipment. This EUT is no AC mains power ports.

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2. GENERAL DESCRIPTION OF EUT

2.1 APPLICANT

Name: Huizhou Desay SV Automotive Co., Ltd.
Address: No 103, Hechang 5th Road West, Zhongkai National Hi-tech Industrial Development Zone, Huizhou City, 516006 Guangdong, P.R. China

2.2 MANUFACTURER

Name: Huizhou Desay SV Automotive Co., Ltd.
Address: No 103, Hechang 5th Road West, Zhongkai National Hi-tech Industrial Development Zone, Huizhou City, 516006 Guangdong, P.R. China

2.3 FACTORY

Name : Huizhou Desay SV Automotive Co., Ltd.
Address : No 103, Hechang 5th Road West, Zhongkai National Hi-tech Industrial Development Zone, Huizhou City, 516006 Guangdong, P.R. China

2.4 BASIC DESCRIPTION OF EQUIPMENT UNDER TEST

Product Name: Multimedia Player Assembly
Product Model: TR4304/40
Adding Model: TR4324/40
Model difference description: The models are the same as function: RAM, RF module, storage capacity, Bluetooth chip, GNSS chip, FM and AM chip, Ethernet function, only the mounting bracket are different.
FCC ID: 2AEQTTR431440

Trade Mark:



Great Wall

Power Supply: DC 12V, 15A.

Frequency Band: U-NII-1: 5180MHz~5240MHz
U-NII-3: 5745MHz~5825MHz

Modulation Type: IEEE 802.11a: OFDM
IEEE 802.11n: OFDM
IEEE 802.11ac: OFDM

Antenna Specification: U-NII-1: PCB antenna with 1.6dBi antenna gain(max)
U-NII-3: PCB antenna with 1.6dBi antenna gain(max)

Channels Spacing: IEEE 802.11a: 20MHz
IEEE 802.11n HT20: 20MHz
IEEE 802.11n HT40: 40MHz
IEEE 802.11acVHT20: 20MHz
IEEE 802.11acVHT40: 40MHz
IEEE 802.11acVHT80: 80MHz

Transmit Power: U-NII-1:
10.58dBm for IEEE 802.11a
10.49dBm for IEEE 802.11n HT20
10.44dBm for IEEE 802.11acVHT20
1.85dBm for IEEE 802.11n HT40
1.62dBm for IEEE 802.11acVHT40
1.30dBm for IEEE 802.11ac VHT80
U-NII-3:
11.41dBm for IEEE 802.11a
11.51dBm for IEEE 802.11n HT20
11.48dBm for IEEE 802.11acVHT20
11.74dBm for IEEE 802.11n HT40
11.99dBm for IEEE 802.11acVHT40
9.61dBm for IEEE 802.11ac VHT80

Temperature Range: -40°C~+85°C

Hardware
Version: HW001

Software
Version: SW001

Sample submitting way: ☒ Provided by customer ☐ Sampling

Sample No: E202407050641-0029, E202407050641-0030

Note :
1.The EUT antenna gain is provided by the applicant. This report is made solely on the basis of such data and/or information. We accept no responsibility for the authenticity and completeness of the above data and information and the validity of the results and/or conclusions.
2. The model TR4304/40 was tested and recorded in this report.

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2.5 CHANNEL LIST AND POWER SETTING

Mode	Frequency (MHz)	Power Setting	Frequency (MHz)	Power Setting
IEEE 802.11a	5180	16	5745	14
	5200	16	5785	14
	5240	16	5825	14

Mode	Frequency (MHz)	Power Setting	Mode	Frequency (MHz)	Power Setting
IEEE 802.11n HT20	5180	16	IEEE 802.11ac VHT20	5180	16
	5200	16		5200	16
	5240	16		5240	16
	5745	14		5745	14
	5785	14		5785	14
	5825	14		5825	14

Mode	Frequency (MHz)	Power Setting	Mode	Frequency (MHz)	Power Setting
IEEE 802.11n HT40	5190	7	IEEE 802.11ac VHT40	5190	7
	5230	7		5230	7
	5755	12		5755	12
	5795	14		5795	14

Mode	Frequency (MHz)	Power Setting	Frequency (MHz)	Power Setting
IEEE 802.11ac VHT80	5210	7	5775	12

Test software:

Software version
adb

2.6 TEST OPERATION MODE

Mode No.	Description of the modes
1	5GHz Wi-Fi fixed frequency transmitting

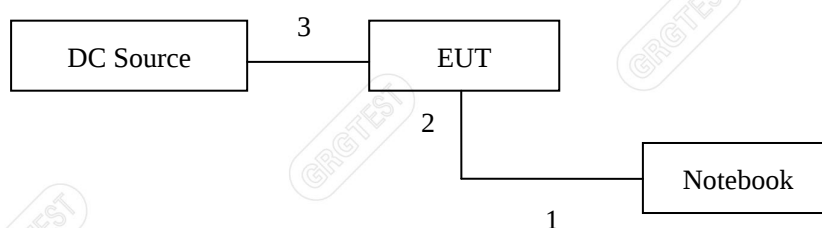
2.7 LOCAL SUPPORTIVEINSTRUMENTS

Name of equipment	Manufacturer	Model	Serial number	Note
DC Source	Keysight	E36231A	/	/
Notebook	DELL	Latitude3300	2C6CFW2	/

No.	Cable Type	Qty.	Shielded Type	Ferrite Core(Qty.)	Length
1	USB cable	1	No	0	1.0m
2	USB cable	1	No	0	1.0m
3	DC cable	1	No	0	1.5m

Note: ⁽¹⁾ The notebook is just used to produce fixed frequency transmitting.

2.8 CONFIGURATION OF SYSTEM UNDER TEST



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2.9 DUTY CYCLE

Environment: 26.9℃/53%RH 101.0kPa
Tested By: Qin Tingting

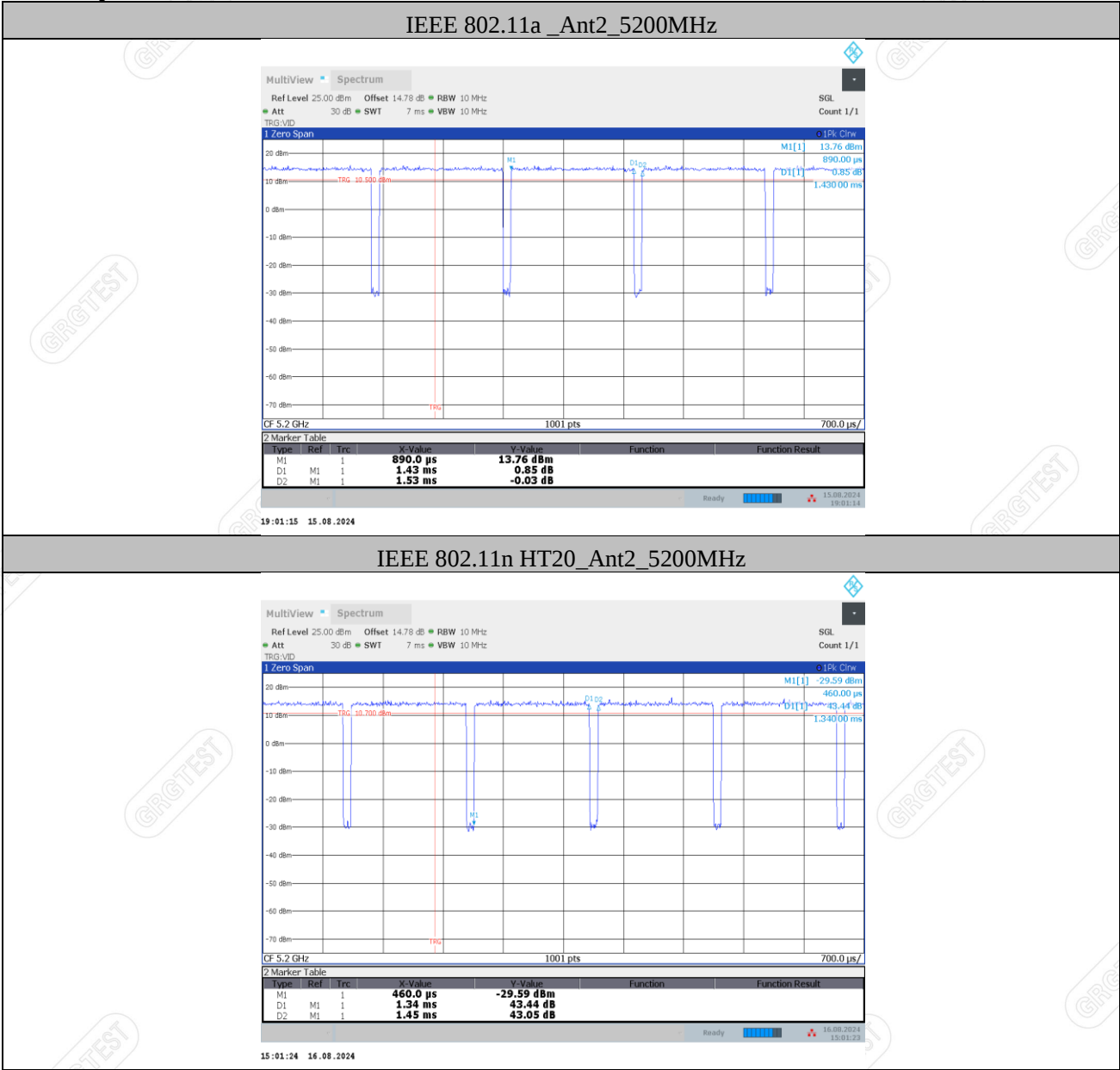
Voltage:DC 12V
Date: 2024-08-15~2024-08-16

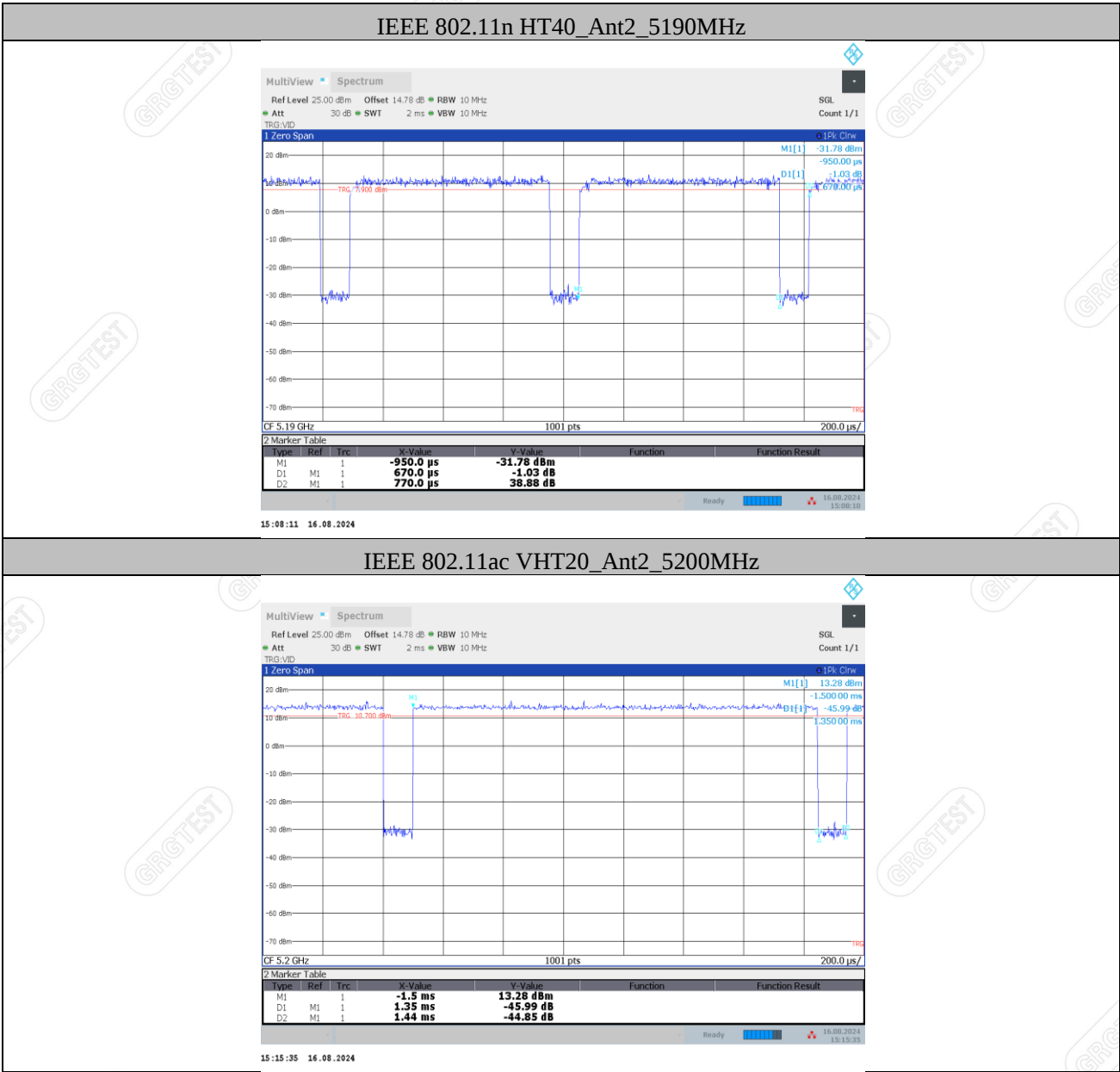
Test Mode	Antenna	Freq (MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Factor	T(s)
IEEE 802.11a	Ant2	5200	1.43	1.53	93.46	0.29	0.00143
IEEE 802.11n HT20	Ant2	5200	1.34	1.45	92.41	0.34	0.00134
IEEE 802.11n HT40	Ant2	5190	0.67	0.77	87.01	0.60	0.00067
IEEE 802.11ac VHT20	Ant2	5200	1.35	1.44	93.75	0.28	0.00135
IEEE 802.11ac VHT40	Ant2	5190	0.67	0.77	87.01	0.60	0.00067
IEEE 802.11ac VHT80	Ant2	5210	0.33	0.43	76.74	1.15	0.00033

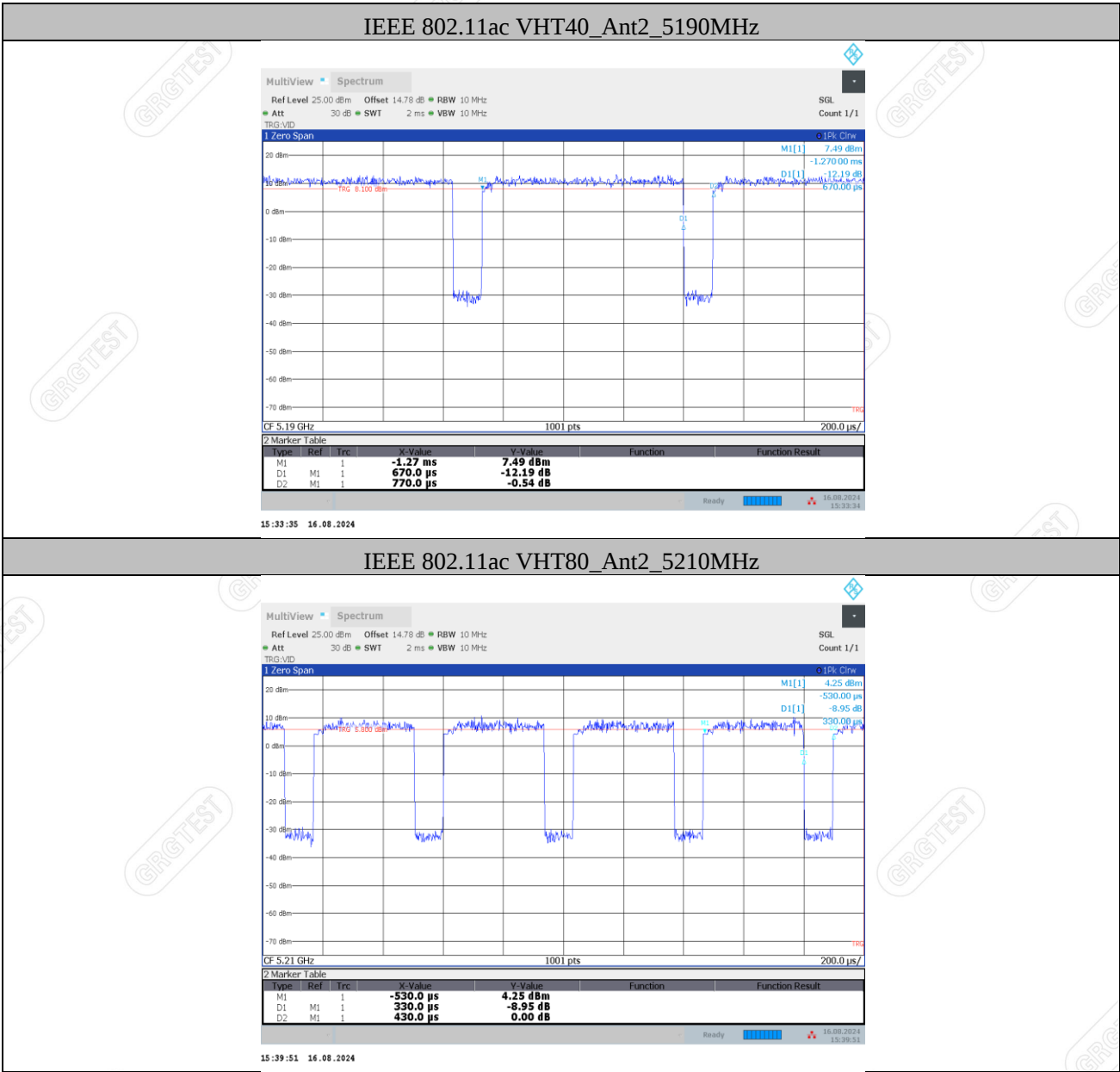
Note:Duty Factor=10log(1/Duty Cycle).

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Test Graphs







3. LABORATORY AND ACCREDITATIONS AND MEASUREMENT UNCERTAINTY

3.1 LABORATORY

The tests & measurements refer to this report were performed by Shenzhen EMC Laboratory of GRG METROLOGY & TEST GROUP 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)
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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	X	9kHz~30MHz	4.4dB ¹⁾
	Y	9kHz~30MHz	4.4dB ¹⁾
	Z	9kHz~30MHz	4.4dB ¹⁾
	Horizontal	30MHz~200MHz	4.6dB ¹⁾
		200MHz~1000MHz	4.8dB ¹⁾
		1GHz~18GHz	5.0dB ¹⁾
		18GHz~40GHz	5.2dB ¹⁾
	Vertical	30MHz~200MHz	4.7dB ¹⁾
		200MHz~1000MHz	4.7dB ¹⁾
		1GHz~18GHz	5.1dB ¹⁾
		18GHz~40GHz	5.4dB ¹⁾

Measurement	Uncertainty
RF frequency	6.0×10^{-6}
RF power conducted	0.78dB
Power spectral density	0.78dB
Occupied channel bandwidth	0.40dB
Unwanted emission, conducted	0.68dB
Humidity	6.0%
Temperature	2.0°C

Note:

¹⁾ This uncertainty represents an expanded uncertainty expressed at approximately the 95%.

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

4. LIST OF USED TEST EQUIPMENT AT GRGT

Name of Equipment	Manufacturer	Model	Serial Number	Calibration Due
Unwanted Emissions & Band Edge				
Test Receiver	R&S	ESR26	101758	2024-09-22
Spectrum Analyzer	R&S	FSV3044	101184	2025-07-19
Bi-log Antenna	Schwarzbeck	VULB9160	VULB9160-3402	2024-10-06
Loop Antenna	Schwarzbeck	FMZB 1513-60	1513-60-56	2025-05-07
Preamplifier	SHIRONG	DLNA-30M1G-G41	20200928002	2024-10-24
Horn Antenna	Schwarzbeck	BBHA9120D	02143	2025-09-07
Board-Band Horn Antenna	Schwarzbeck	BBHA 9170	BBHA 9170-497	2025-08-30
Amplifier	Tonscend	TAP01018048	AP20E8060075	2025-03-01
Amplifier	Tonscend	TAP184050	AP20E806071	2025-03-01
Amplifier	SHIRONG	DLNA-1G18G-G40	20200928005	2025-07-19
Test S/W	Tonscend	JS32-RE/5.0.0		
99% Bandwidth & 6 dB Bandwidth & 26dB Bandwidth & Peak power spectral density & Duty cycle				
Spectrum Analyzer	R&S	FSW43	102072	2025-06-14
Automatic power measuring unit	TONSCEND	JS0806-2	21B8060365	2024-12-28
BT/WIFI System	Tonscend	JS1120-3		
Output Power				
Pulse power sensor	Anristu	MA2411B	1126150	2025-01-11
Power meter	Anristu	ML2495A	1204003	2025-01-11

Frequency Stability				
Spectrum Analyzer	R&S	FSW43	102072	2025-06-14
Automatic power measuring unit	TONSCEND	JS0806-2	21B8060365	2024-12-28
Programmable constant temperature and humidity test chamber	FC	FPHC-23AW-40	FD202306015	2024-09-10
BT/WIFI System	TONSCEND	JS1120-3	/	/

Note: 1.The calibration interval of the above test instruments is 12 months.
2. The Spectrum Analyzer FSV3044 is support 10Hz-44GHz.

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5. UNWANTED EMISSIONS

5.1 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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5.2 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 2.9 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).

5.3 TEST SETUP

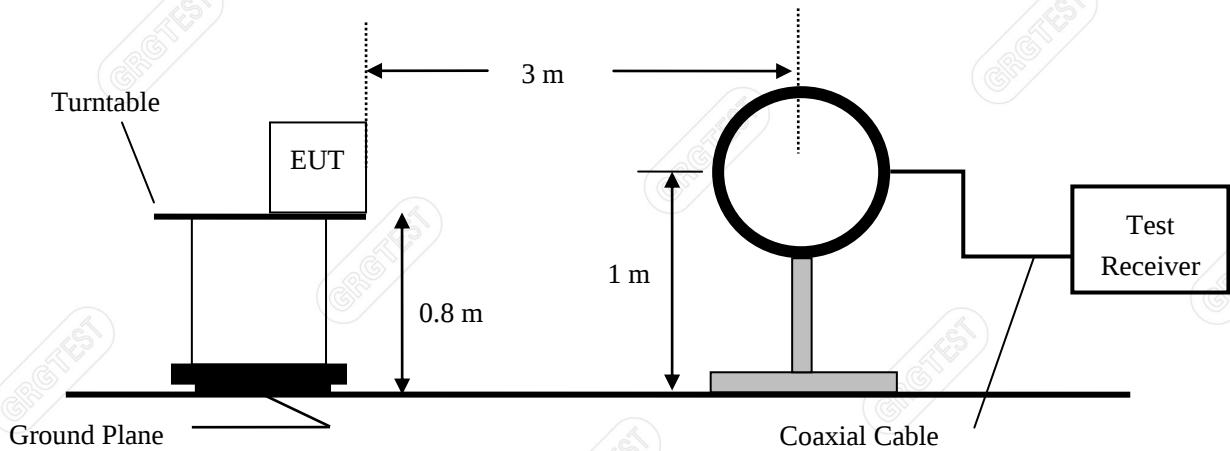


Figure 1. 9kHz to 30MHz radiated emissions test configuration

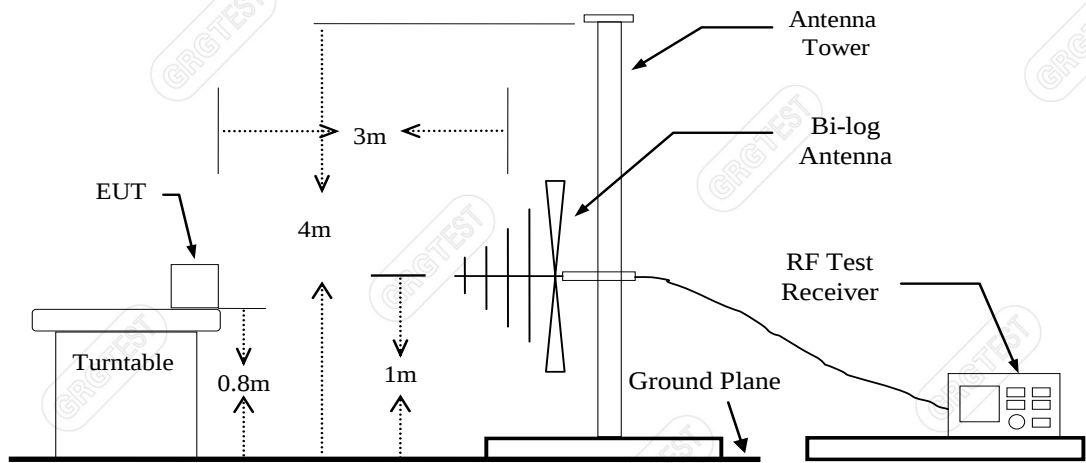


Figure 2. 30MHz to 1GHz radiated emissions test configuration

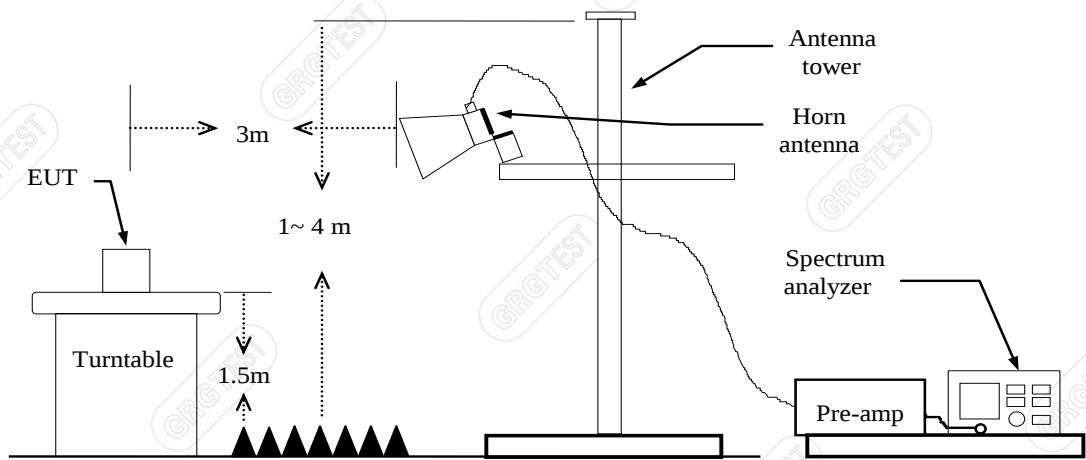


Figure 3. 1GHz to 18GHz radiated emissions test configuration

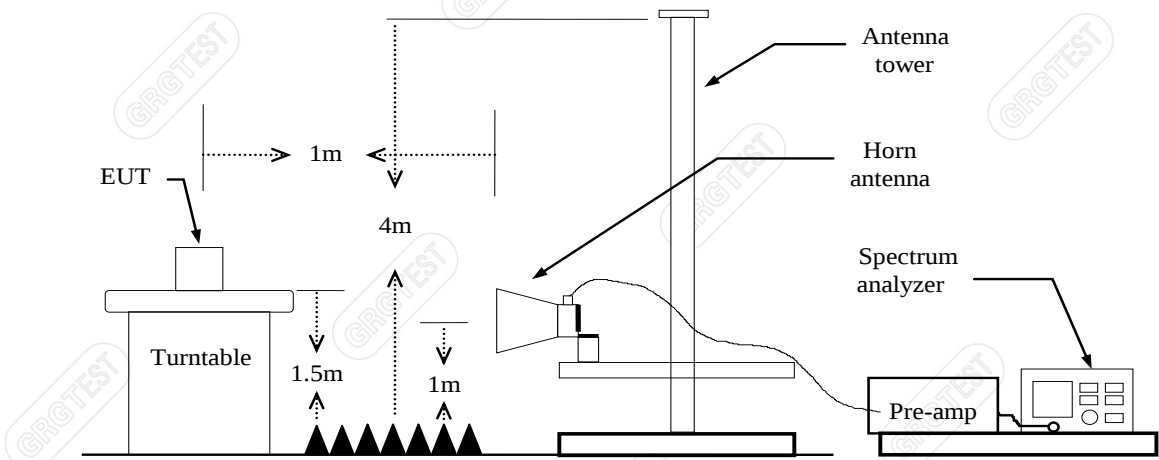


Figure 4. Above 18GHz radiated emissions test configuration

5.4 DATA SAMPLE

30MHz to 1GHz

Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Trace	Height [cm]	Angle [°]	Polarity
xxxx	xxxx	66.85	31.09	-35.76	40.00	8.91	PK	200	351	Horizontal

Final Data List									
NO.	Freq. [MHz]	Factor [dB]	QP Reading [dBμV/m]	Level [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
xxxx	xxxx	-31.57	71.28	39.71	46.00	6.29	100	196	Horizontal

- Frequency (MHz)

= Emission frequency in MHz
- Reading (dBuV/m)

= Uncorrected Analyzer / Receiver reading
- Factor (dB)

= Antenna factor + Cable loss – Amplifier gain
- Level (dBuV/m)

= Reading (dBuV/m) + Factor (dB)
- Limit (dBuV/m)

= Limit stated in standard
- Margin (dB)

= Limit (dBuV/m) – Level (dBuV/m)
- Polarity

= Antenna polarization
- Peak

= Peak Reading
- QP

= Quasi-peak Reading

1GHz-18GHz

No.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Remark
xxx	xxxx	78.01	55.30	-22.71	74.00	18.70	100	50	Horizontal	Peak
xxx	xxxx	66.37	43.66	-22.71	54.00	10.34	100	50	Horizontal	AVG

Above 18GHz**Suspected Data List**

NO.	Freq. [MHz]	Reading [dBμV/m]	Level for 1m [dBμV/m]	Level for 3m [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	Remark
xxx	xxxx	54.49	42.38	32.84	-12.11	74.00	41.16	100	211	Horizontal	Peak
xxx	xxxx	43.99	31.88	22.34	-12.11	54.00	31.66	100	211	Horizontal	AVG

Frequency (MHz)

= Emission frequency in MHz

Reading (dBuV/m)

= Uncorrected Analyzer / Receiver reading

Factor (dB)

= Antenna factor + Cable loss – Amplifier gain

Level for 1m (dBuV/m)

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

Level for 3m (dBuV/m)

= Level for 1m (dBuV/m) + 20*log(1/3)

Limit (dBuV/m)

= Limit stated in standard

Margin (dB)

= Limit (dBuV/m) – Level (dBuV/m)

Polarity

= Antenna polarization

Peak

= Peak Reading

AVG

= Average Reading

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5.5 TEST RESULTS

Below 1GHz

All models were pretested and only the worst modes and channels were recorded in this report. (IEEE 802.11ac VHT40 5795MHz)

Mode: Mode 1/ IEEE 802.11ac VHT40

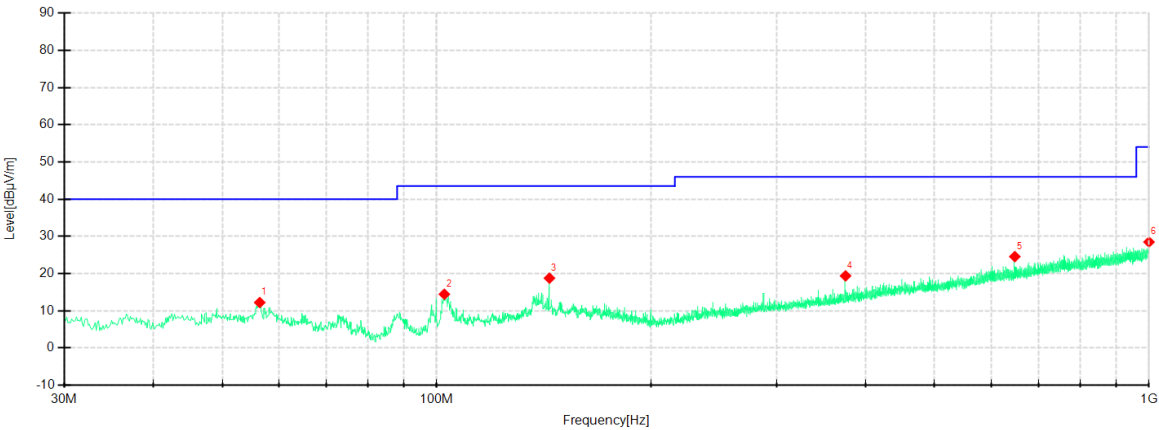
Temp. /Hum.: 25.3℃/56%RH/101.0kPa

Test Engineer: Qin Tingting

Frequency:5795MHz

Power supply: DC 12V

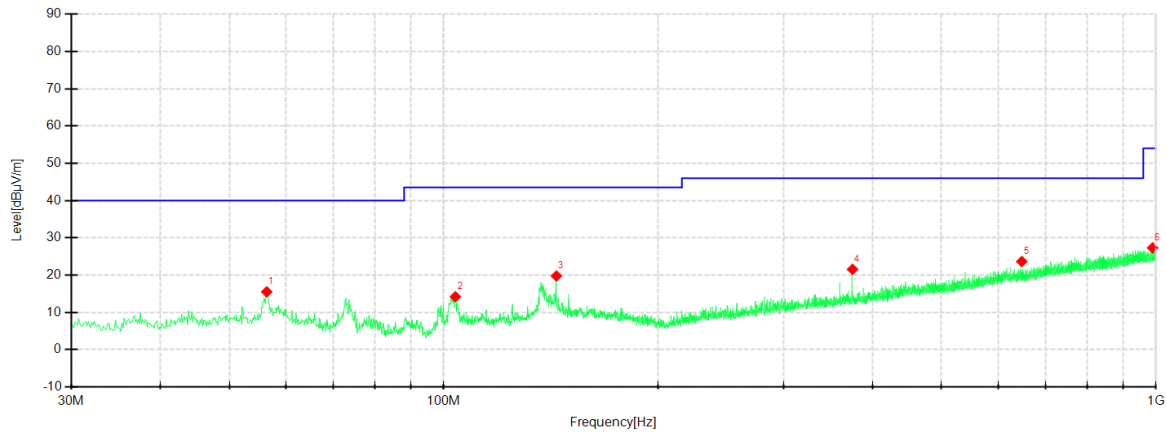
Test Date: 2024-09-20



Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Trace	Height [cm]	Angle [°]	Polarity
1	56.4358	41.48	12.21	-29.27	40.00	27.79	PK	200	164	Horizontal
2	102.5166	46.05	14.44	-31.61	43.50	29.06	PK	100	57	Horizontal
3	143.9892	47.06	18.76	-28.30	43.50	24.74	PK	100	213	Horizontal
4	374.9994	44.17	19.37	-24.80	46.00	26.63	PK	100	148	Horizontal
5	648.0885	43.34	24.56	-18.78	46.00	21.44	PK	100	251	Horizontal
6	1000.0000	42.52	28.48	-14.04	54.00	25.52	PK	100	84	Horizontal

Mode: Mode 1/ IEEE 802.11ac VHT40
Temp. /Hum.:25.3°C/56%RH/101.0kPa
Test Engineer: Qin Tingting

Frequency:5795MHz
Power supply: DC 12V
Test Date: 2024-09-20



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Trace	Height [cm]	Angle [°]	Polarity
1	56.4358	44.78	15.51	-29.27	40.00	24.49	PK	200	6	Vertical
2	103.8505	45.61	14.19	-31.42	43.50	29.31	PK	100	58	Vertical
3	143.9892	48.06	19.76	-28.30	43.50	23.74	PK	200	251	Vertical
4	374.9994	46.34	21.54	-24.80	46.00	24.46	PK	200	71	Vertical
5	648.0885	42.43	23.65	-18.78	46.00	22.35	PK	200	32	Vertical
6	989.2074	41.53	27.29	-14.24	54.00	26.71	PK	200	46	Vertical

Remark:

- 1 No emission found between lowest internal used/generated frequency to 30MHz.
- 2 Radiated emissions measured in frequency range from 9kHz 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.
- 5 If the margin of the pre test results is greater than 6db, it meets the requirements of quasipeak or average values, and final testing is no longer required.

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: IEEE 802.11a
Frequency (5180MHz)
Environment: 25.3°C/56%RH/101.0kPa
Tested By:Qin Tingting

Date: 2024-09-20
Voltage:DC 12V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1350.3500	54.84	34.04	-20.80	74.00	39.96	200	49	Horizontal
2	2440.4500	52.02	37.50	-14.52	68.30	30.80	200	192	Horizontal
3	3453.0000	52.77	41.09	-11.68	68.30	27.21	100	140	Horizontal
4	5023.8000	48.22	49.78	1.56	74.00	24.22	100	246	Horizontal
5	9747.6000	40.08	48.98	8.90	68.30	19.32	200	20	Horizontal
6	17614.7500	37.24	52.64	15.40	68.30	15.66	100	357	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	5023.8000	1.56	37.19	38.75	54.00	15.25	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	1374.5500	57.47	36.97	-20.50	74.00	37.03	200	197	Vertical
2	2453.6500	53.30	38.18	-15.12	68.30	30.12	200	339	Vertical
3	5034.2500	48.94	50.68	1.74	74.00	23.32	100	198	Vertical
4	6695.5000	46.04	46.40	0.36	68.30	21.90	200	20	Vertical
5	13128.6000	36.28	52.21	15.93	68.30	16.09	200	175	Vertical
6	17996.5500	37.42	53.66	16.24	74.00	20.34	100	196	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	5034.2500	1.74	36.79	38.53	54.00	15.47	100	198	Vertical
2	17996.5500	16.24	23.61	39.85	54.00	14.15	100	196	Vertical

Mode: IEEE 802.11a
Frequency (5200MHz)
Environment: 25.3°C/56%RH/101.0kPa
Tested By:Qin Tingting

Date: 2024-09-20
Voltage:DC 12V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1297.0000	54.26	33.80	-20.46	68.30	34.50	100	23	Horizontal
2	1917.9500	53.43	35.18	-18.25	68.30	33.12	200	114	Horizontal
3	5056.8000	48.93	50.53	1.60	74.00	23.47	100	221	Horizontal
4	10162.7500	39.30	50.14	10.84	68.30	18.16	200	301	Horizontal
5	14799.5500	36.53	52.70	16.17	68.30	15.60	200	34	Horizontal
6	17687.2000	38.16	53.80	15.64	68.30	14.50	100	205	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	5056.8000	1.60	36.41	38.01	54.00	15.99	100	221	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	1375.1000	57.52	37.02	-20.50	74.00	36.98	100	181	Vertical
2	3003.1000	50.92	39.12	-11.80	68.30	29.18	200	298	Vertical
3	4236.2000	49.60	44.55	-5.05	74.00	29.45	100	10	Vertical
4	5045.2500	48.96	50.68	1.72	74.00	23.32	100	168	Vertical
5	10439.9000	38.64	49.59	10.95	68.30	18.71	200	19	Vertical
6	16096.7500	39.84	53.10	13.26	74.00	20.90	200	19	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	5045.2500	1.72	36.22	37.94	54.00	16.06	100	168	Vertical
2	16082.6581	13.26	27.59	40.85	54.00	13.15	127	297.1	Vertical

Mode: IEEE 802.11a
Frequency (5240MHz)
Environment: 25.3°C/56%RH/101.0kPa
Tested By:Qin Tingting

Date: 2024-09-20
Voltage:DC 12V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1997.7000	52.89	35.95	-16.94	68.30	32.35	100	338	Horizontal
2	3493.1500	52.38	41.23	-11.15	68.30	27.07	200	145	Horizontal
3	5063.4000	47.48	49.06	1.58	74.00	24.94	200	262	Horizontal
4	9485.4000	40.04	47.51	7.47	74.00	26.49	200	35	Horizontal
5	14448.8000	36.11	53.27	17.16	68.30	15.03	100	228	Horizontal
6	17675.7000	38.04	53.62	15.58	68.30	14.68	200	226	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	5063.4000	1.58	36.17	37.75	54.00	16.25	200	262	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	1375.1000	57.85	37.35	-20.50	74.00	36.65	200	198	Vertical
2	2797.9500	52.29	38.97	-13.32	74.00	35.03	100	342	Vertical
3	5047.4500	47.77	49.49	1.72	74.00	24.51	100	210	Vertical
4	9365.8000	39.99	47.61	7.62	74.00	26.39	100	320	Vertical
5	10575.6000	38.33	49.02	10.69	68.30	19.28	200	226	Vertical
6	16087.5500	39.38	52.66	13.28	74.00	21.34	100	279	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	5047.4500	1.72	36.38	38.10	54.00	15.90	100	210	Vertical
2	16087.5500	13.28	27.64	40.92	54.00	13.08	100	279	Vertical

Mode: IEEE 802.11a
Frequency (5745MHz)
Environment: 25.3°C/56%RH/101.0kPa
Tested By:Qin Tingting

Date: 2024-09-20
Voltage:DC 12V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1319.5500	55.51	34.93	-20.58	74.00	39.07	100	194	Horizontal
2	1995.5000	53.57	36.59	-16.98	68.30	31.71	200	156	Horizontal
3	3136.2000	51.15	39.72	-11.43	68.30	28.58	200	261	Horizontal
4	5046.3500	47.63	49.24	1.61	74.00	24.76	200	26	Horizontal
5	8133.0000	42.44	45.63	3.19	74.00	28.37	200	191	Horizontal
6	17758.5000	37.77	53.67	15.90	74.00	20.33	100	63	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	5046.3500	1.61	35.37	36.98	54.00	17.02	200	26	Horizontal
2	17758.5000	15.90	26.51	42.41	54.00	11.59	100	63	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	1374.5500	59.00	38.50	-20.50	74.00	35.50	200	173	Vertical
2	2393.7000	53.32	37.86	-15.46	68.30	30.44	100	232	Vertical
3	3819.8500	51.00	42.59	-8.41	74.00	31.41	200	209	Vertical
4	4978.7000	48.62	49.85	1.23	74.00	24.15	100	220	Vertical
5	10443.3500	38.08	49.09	11.01	68.30	19.21	100	84	Vertical
6	17998.8500	37.49	53.74	16.25	74.00	20.26	100	280	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	4978.7000	1.23	36.31	37.54	54.00	16.46	100	220	Vertical
2	17998.8500	16.25	26.48	42.73	54.00	11.27	100	280	Vertical

Mode: IEEE 802.11a
Frequency (5785MHz)
Environment: 25.3°C/56%RH/101.0kPa
Tested By:Qin Tingting

Date: 2024-09-20
Voltage:DC 12V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2976.1500	51.15	38.73	-12.42	68.30	29.57	200	0	Horizontal
2	5068.9000	47.52	49.09	1.57	74.00	24.91	100	182	Horizontal
3	5791.0500	50.22	50.91	0.69	68.30	17.39	200	219	Horizontal
4	9255.4000	40.56	47.84	7.28	68.30	20.46	100	227	Horizontal
5	16089.8500	39.32	52.44	13.12	74.00	21.56	100	165	Horizontal
6	17996.5500	37.05	53.40	16.35	74.00	20.60	100	152	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	5060.8678	1.57	35.42	36.99	54.00	17.01	162	258.9	Horizontal
2	16091.3654	13.12	27.39	40.51	54.00	13.49	132	195.5	Horizontal
3	17999.9373	16.35	26.67	43.02	54.00	10.98	192	22.2	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	1375.1000	59.26	38.76	-20.50	74.00	35.24	100	164	Vertical
2	2319.4500	53.93	38.10	-15.83	74.00	35.90	100	43	Vertical
3	4998.5000	48.14	49.91	1.77	74.00	24.09	100	98	Vertical
4	5938.4500	48.89	49.67	0.78	68.30	18.63	100	126	Vertical
5	10016.7000	39.37	49.30	9.93	68.30	19.00	100	152	Vertical
6	17974.7000	37.07	53.31	16.24	74.00	20.69	100	290	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	4999.9828	1.77	35.57	37.34	54.00	16.66	142	204.8	Vertical
2	17999.9365	16.24	26.73	42.97	54.00	11.03	109	124.5	Vertical

Mode: IEEE 802.11a
Frequency (5825MHz)
Environment: 25.3°C/56%RH/101.0kPa
Tested By:Qin Tingting

Date: 2024-09-20
Voltage:DC 12V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1293.7000	54.72	34.25	-20.47	68.30	34.05	200	20	Horizontal
2	1866.2500	53.97	35.32	-18.65	68.30	32.98	200	153	Horizontal
3	3883.1000	51.50	44.23	-7.27	74.00	29.77	100	167	Horizontal
4	5968.7000	47.77	48.17	0.40	68.30	20.13	200	219	Horizontal
5	14662.7000	36.38	52.58	16.20	68.30	15.72	100	138	Horizontal
6	17983.9000	37.55	53.90	16.35	74.00	20.10	100	46	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	17983.9000	16.35	26.53	42.88	54.00	11.12	100	46	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	1374.5500	59.30	38.80	-20.50	74.00	35.20	100	180	Vertical
2	2785.8500	52.97	39.42	-13.55	74.00	34.58	100	314	Vertical
3	5027.6500	47.78	49.53	1.75	74.00	24.47	200	351	Vertical
4	5968.7000	49.39	50.04	0.65	68.30	18.26	100	153	Vertical
5	10559.5000	38.56	49.13	10.57	68.30	19.17	200	248	Vertical
6	13910.6000	36.09	52.01	15.92	68.30	16.29	200	116	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	5027.6500	1.75	35.32	37.07	54.00	16.93	200	351	Vertical

Mode: IEEE 802.11n HT20
Frequency (5180MHz)
Environment: 25.3°C/56%RH/101.0kPa
Tested By:Qin Tingting

Date: 2024-09-20
Voltage:DC 12V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1991.6500	52.77	35.71	-17.06	68.30	32.59	100	248	Horizontal
2	4031.0500	50.05	42.67	-7.38	74.00	31.33	100	128	Horizontal
3	5050.7500	48.25	49.86	1.61	74.00	24.14	200	272	Horizontal
4	10558.3500	38.76	49.58	10.82	68.30	18.72	200	309	Horizontal
5	12788.2000	36.73	51.06	14.33	68.30	17.24	200	166	Horizontal
6	16823.5500	37.78	52.90	15.12	68.30	15.40	100	20	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	5050.7500	1.61	34.97	36.58	54.00	17.42	200	272	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	1374.5500	57.96	37.46	-20.50	74.00	36.54	100	182	Vertical
2	2584.0000	52.82	38.11	-14.71	68.30	30.19	100	89	Vertical
3	5024.3500	48.80	50.56	1.76	74.00	23.44	100	195	Vertical
4	6473.6000	45.11	46.27	1.16	68.30	22.03	100	274	Vertical
5	10603.2000	39.67	50.50	10.83	74.00	23.50	100	300	Vertical
6	16546.4000	38.71	53.34	14.63	68.30	14.96	100	273	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	5024.3500	1.76	35.81	37.57	54.00	16.43	100	195	Vertical
2	10603.2000	10.83	28.49	39.32	54.00	14.68	100	300	Vertical

Mode: IEEE 802.11n HT20
Frequency (5200 MHz)
Environment: 25.3°C/56%RH/101.0kPa
Tested By:Qin Tingting

Date: 2024-09-20
Voltage:DC 12V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1978.4500	53.08	35.73	-17.35	68.30	32.57	200	182	Horizontal
2	3466.7500	52.06	40.56	-11.50	68.30	27.74	100	142	Horizontal
3	5048.5500	48.95	50.55	1.60	74.00	23.45	200	207	Horizontal
4	10597.4500	38.52	49.49	10.97	68.30	18.81	200	166	Horizontal
5	14460.3000	35.29	52.27	16.98	68.30	16.03	100	297	Horizontal
6	16709.7000	38.47	53.00	14.53	68.30	15.30	100	114	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	5048.5500	1.60	36.27	37.87	54.00	16.13	200	207	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	1374.5500	56.93	36.43	-20.50	74.00	37.57	200	184	Vertical
2	3035.0000	51.11	39.46	-11.65	68.30	28.84	100	141	Vertical
3	5057.9000	48.56	50.25	1.69	74.00	23.75	100	168	Vertical
4	11761.2500	37.15	49.13	11.98	74.00	24.87	100	90	Vertical
5	14984.7000	36.21	52.66	16.45	68.30	15.64	200	205	Vertical
6	16716.6000	38.48	53.06	14.58	68.30	15.24	200	19	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	5057.9000	1.69	37.79	39.48	54.00	14.52	100	168	Vertical
2	11761.2500	11.98	28.14	40.12	54.00	13.88	100	90	Vertical

Mode: IEEE 802.11n HT20
Frequency (5240MHz)
Environment: 25.3°C/56%RH/101.0kPa
Tested By:Qin Tingting

Date: 2024-09-20
Voltage:DC 12V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1413.0500	54.49	34.42	-20.07	74.00	39.58	100	340	Horizontal
2	2130.8000	53.31	36.98	-16.33	68.30	31.32	100	168	Horizontal
3	3493.1500	52.00	40.85	-11.15	68.30	27.45	100	180	Horizontal
4	5024.3500	47.23	48.79	1.56	74.00	25.21	200	112	Horizontal
5	11366.8000	37.28	49.31	12.03	74.00	24.69	200	353	Horizontal
6	16912.1000	38.77	53.93	15.16	68.30	14.37	200	18	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	5024.3500	1.56	35.69	37.25	54.00	16.75	200	112	Horizontal
2	11366.8000	12.03	29.31	41.34	54.00	12.66	200	353	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	1374.5500	57.71	37.21	-20.50	74.00	36.79	100	179	Vertical
2	2124.7500	54.15	38.02	-16.13	68.30	30.28	200	143	Vertical
3	3900.7000	50.12	43.11	-7.01	74.00	30.89	100	179	Vertical
4	5048.5500	48.91	50.62	1.71	74.00	23.38	200	170	Vertical
5	10152.4000	39.08	49.94	10.86	68.30	18.36	200	59	Vertical
6	15130.7500	36.61	52.45	15.84	68.30	15.85	100	34	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	5048.5500	1.71	36.51	38.22	54.00	15.78	200	170	Vertical

Mode: IEEE 802.11n HT20
Frequency (5745MHz)
Environment: 25.3°C/56%RH/101.0kPa
Tested By:Qin Tingting

Date: 2024-09-20
Voltage:DC 12V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1497.2000	54.82	34.73	-20.09	74.00	39.27	200	46	Horizontal
2	3830.3000	50.98	42.27	-8.71	74.00	31.73	100	165	Horizontal
3	5043.0500	47.90	49.49	1.59	74.00	24.51	200	85	Horizontal
4	7286.6000	43.73	45.66	1.93	74.00	28.34	100	36	Horizontal
5	14645.4500	36.38	52.71	16.33	68.30	15.59	200	1	Horizontal
6	17709.0500	37.88	53.62	15.74	74.00	20.38	200	48	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	5043.0500	1.59	36.46	38.05	54.00	15.95	200	85	Horizontal
2	17709.0500	15.74	26.11	41.85	54.00	12.15	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	1374.5500	58.55	38.05	-20.50	74.00	35.95	200	180	Vertical
2	2610.9500	52.77	37.94	-14.83	68.30	30.36	100	354	Vertical
3	4984.2000	47.92	49.31	1.39	74.00	24.69	200	313	Vertical
4	9550.9500	39.86	47.79	7.93	68.30	20.51	200	61	Vertical
5	14669.6000	36.48	52.65	16.17	68.30	15.65	100	92	Vertical
6	17990.8000	37.82	54.06	16.24	74.00	19.94	100	26	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	4984.2000	1.39	36.17	37.56	54.00	16.44	200	313	Vertical
2	17990.8000	16.24	26.32	42.56	54.00	11.44	100	26	Vertical

Mode: IEEE 802.11n HT20
Frequency (5785 MHz)
Environment: 25.3°C/56%RH/101.0kPa
Tested By:Qin Tingting

Date: 2024-09-20
Voltage:DC 12V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1320.6500	55.19	34.60	-20.59	74.00	39.40	200	47	Horizontal
2	2470.7000	53.77	38.92	-14.85	68.30	29.38	200	140	Horizontal
3	5792.7000	50.41	51.10	0.69	68.30	17.20	200	217	Horizontal
4	7947.8500	41.97	45.36	3.39	68.30	22.94	200	143	Horizontal
5	10447.9500	38.52	49.91	11.39	68.30	18.39	100	140	Horizontal
6	17680.3000	38.21	53.81	15.60	68.30	14.49	200	102	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	1374.5500	58.41	37.91	-20.50	74.00	36.09	100	179	Vertical
2	2245.7500	53.19	37.34	-15.85	74.00	36.66	100	258	Vertical
3	4524.4000	48.99	45.12	-3.87	74.00	28.88	100	298	Vertical
4	5937.3500	49.32	50.11	0.79	68.30	18.19	100	152	Vertical
5	10116.7500	38.32	49.16	10.84	68.30	19.14	200	340	Vertical
6	17099.5500	38.50	53.16	14.66	68.30	15.14	100	223	Vertical

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Mode: IEEE 802.11n HT20
Frequency (5825MHz)
Environment: 25.3°C/56%RH/101.0kPa
Tested By:Qin Tingting

Date: 2024-09-20
Voltage:DC 12V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2005.9500	52.83	35.88	-16.95	68.30	32.42	100	191	Horizontal
2	3883.6500	51.31	44.06	-7.25	74.00	29.94	100	178	Horizontal
3	5176.1500	47.49	48.80	1.31	68.30	19.50	200	360	Horizontal
4	5978.6000	47.45	47.69	0.24	68.30	20.61	200	332	Horizontal
5	10480.1500	38.51	49.30	10.79	68.30	19.00	200	210	Horizontal
6	14628.2000	36.55	52.98	16.43	68.30	15.32	200	79	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	1374.5500	57.83	37.33	-20.50	74.00	36.67	200	190	Vertical
2	2250.1500	52.93	37.11	-15.82	74.00	36.89	100	47	Vertical
3	4264.8000	49.94	44.98	-4.96	74.00	29.02	100	204	Vertical
4	5833.4000	48.34	49.18	0.84	68.30	19.12	100	112	Vertical
5	10502.0000	39.56	49.46	9.90	68.30	18.84	200	340	Vertical
6	17994.2500	37.08	53.33	16.25	74.00	20.67	100	274	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	17994.2500	16.25	26.41	42.66	54.00	11.34	100	274	Vertical

Mode: IEEE 802.11n HT40
Frequency (5190MHz)
Environment: 25.3°C/56%RH/101.0kPa
Tested By:Qin Tingting

Date: 2024-09-20
Voltage:DC 12V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1438.9000	54.02	34.03	-19.99	74.00	39.97	100	60	Horizontal
2	3460.1500	52.85	41.26	-11.59	68.30	27.04	100	220	Horizontal
3	5116.2000	47.99	49.47	1.48	74.00	24.53	200	35	Horizontal
4	9337.0500	40.49	47.90	7.41	74.00	26.10	100	351	Horizontal
5	10178.8500	38.31	49.02	10.71	68.30	19.28	200	126	Horizontal
6	16095.6000	39.68	52.82	13.14	74.00	21.18	100	232	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	5116.2000	1.48	36.97	38.45	54.00	15.55	200	35	Horizontal
2	16095.6000	13.14	27.58	40.72	54.00	13.28	100	232	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	1374.5500	57.29	36.79	-20.50	74.00	37.21	100	170	Vertical
2	2978.3500	51.93	39.49	-12.44	68.30	28.81	100	339	Vertical
3	5065.0500	48.70	50.38	1.68	74.00	23.62	100	142	Vertical
4	9260.0000	40.74	47.69	6.95	68.30	20.61	200	241	Vertical
5	11827.9500	37.70	49.83	12.13	74.00	24.17	100	272	Vertical
6	14942.1500	35.83	52.15	16.32	68.30	16.15	200	254	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	5065.0500	1.68	37.38	39.06	54.00	14.94	100	142	Vertical
2	11827.9500	12.13	27.91	40.04	54.00	13.96	100	272	Vertical

Mode: IEEE 802.11n HT40
Frequency (5230 MHz)
Environment: 25.3°C/56%RH/101.0kPa
Tested By:Qin Tingting

Date: 2024-09-20
Voltage:DC 12V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1445.5000	54.13	34.17	-19.96	74.00	39.83	200	313	Horizontal
2	2461.9000	52.66	38.01	-14.65	68.30	30.29	200	313	Horizontal
3	3486.5500	52.25	41.01	-11.24	68.30	27.29	100	154	Horizontal
4	5051.8500	47.92	49.53	1.61	74.00	24.47	100	128	Horizontal
5	10447.9500	38.12	49.51	11.39	68.30	18.79	100	86	Horizontal
6	16082.9500	39.55	52.66	13.11	74.00	21.34	200	146	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	5051.8500	1.61	38.92	40.53	54.00	13.47	100	128	Horizontal
2	16082.9500	13.11	27.49	40.60	54.00	13.40	200	146	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	1374.5500	56.94	36.44	-20.50	74.00	37.56	100	180	Vertical
2	3270.4000	50.57	39.10	-11.47	68.30	29.20	100	87	Vertical
3	5039.7500	47.84	49.57	1.73	74.00	24.43	100	340	Vertical
4	10067.3000	39.41	49.50	10.09	68.30	18.80	100	360	Vertical
5	15072.1000	36.71	51.98	15.27	68.30	16.32	200	112	Vertical
6	17289.3000	37.41	52.93	15.52	68.30	15.37	100	129	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	5039.7500	1.73	37.56	39.29	54.00	14.71	100	340	Vertical

Mode: I EEE 802.11n HT40
Frequency (5755MHz)
Environment: 25.3°C/56%RH/101.0kPa
Tested By:Qin Tingting

Date: 2024-09-20
Voltage:DC 12V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2459.1500	52.19	37.60	-14.59	68.30	30.70	100	319	Horizontal
2	4256.5500	50.27	44.87	-5.40	74.00	29.13	100	215	Horizontal
3	5026.5500	47.51	49.08	1.57	74.00	24.92	200	179	Horizontal
4	5767.4000	47.12	47.77	0.65	68.30	20.53	200	206	Horizontal
5	10498.5500	39.18	49.58	10.40	68.30	18.72	200	62	Horizontal
6	17982.7500	37.79	54.14	16.35	74.00	19.86	200	74	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	5026.5500	1.57	35.68	37.25	54.00	16.75	200	179	Horizontal
2	17982.7500	16.35	25.69	42.04	54.00	11.96	200	74	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	1374.5500	57.63	37.13	-20.50	74.00	36.87	100	194	Vertical
2	3128.5000	51.85	40.05	-11.80	68.30	28.25	100	287	Vertical
3	5000.7000	47.70	49.51	1.81	74.00	24.49	100	260	Vertical
4	5769.6000	47.04	47.95	0.91	68.30	20.35	100	194	Vertical
5	10443.3500	38.82	49.83	11.01	68.30	18.47	200	262	Vertical
6	16546.4000	39.45	54.08	14.63	68.30	14.22	200	77	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	5000.7000	1.81	35.89	37.70	54.00	16.30	100	260	Vertical

Mode: I EEE 802.11n HT40

Frequency (5795MHz)

Environment: 25.3°C/56%RH/101.0kPa

Tested By:Qin Tingting

Date: 2024-09-20

Voltage:DC 12V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1476.8500	54.98	34.95	-20.03	74.00	39.05	100	360	Horizontal
2	3863.3000	51.74	43.80	-7.94	74.00	30.20	100	167	Horizontal
3	5778.9500	50.05	50.72	0.67	68.30	17.58	200	217	Horizontal
4	9366.9500	40.02	47.62	7.60	74.00	26.38	200	92	Horizontal
5	13916.3500	36.04	52.25	16.21	68.30	16.05	100	314	Horizontal
6	17672.2500	38.14	53.70	15.56	68.30	14.60	100	260	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	1374.5500	58.47	37.97	-20.50	74.00	36.03	200	210	Vertical
2	2375.0000	53.40	37.53	-15.87	74.00	36.47	200	21	Vertical
3	5048.5500	47.49	49.20	1.71	74.00	24.80	200	48	Vertical
4	5959.3500	48.80	49.54	0.74	68.30	18.76	100	150	Vertical
5	10077.6500	37.79	48.12	10.33	68.30	20.18	200	215	Vertical
6	14406.2500	35.68	52.48	16.80	68.30	15.82	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	5048.5500	1.71	36.24	37.95	54.00	16.05	200	48	Vertical

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Mode: IEEE 802.11ac VHT20
Frequency (5180 MHz)
Environment: 25.3°C/56%RH/101.0kPa
Tested By:Qin Tingting

Date: 2024-09-20
Voltage:DC 12V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1866.2500	53.15	34.50	-18.65	68.30	33.80	100	154	Horizontal
2	3453.5500	53.38	41.71	-11.67	68.30	26.59	100	142	Horizontal
3	5038.1000	48.49	50.07	1.58	74.00	23.93	100	233	Horizontal
4	8875.9000	41.81	47.55	5.74	68.30	20.75	100	180	Horizontal
5	13351.7000	34.83	50.52	15.69	74.00	23.48	200	164	Horizontal
6	16758.0000	38.35	53.02	14.67	68.30	15.28	200	124	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	5038.1000	1.58	37.21	38.79	54.00	15.21	100	233	Horizontal
2	13351.7000	15.69	25.79	41.48	54.00	12.52	200	164	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	1374.5500	57.53	37.03	-20.50	74.00	36.97	100	170	Vertical
2	3123.0000	51.13	39.27	-11.86	68.30	29.03	100	340	Vertical
3	5022.7000	48.44	50.20	1.76	74.00	23.80	200	196	Vertical
4	10583.6500	39.00	49.75	10.75	68.30	18.55	100	282	Vertical
5	13167.7000	35.31	51.23	15.92	68.30	17.07	100	100	Vertical
6	16759.1500	38.51	53.31	14.80	68.30	14.99	200	153	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	5022.7000	1.76	37.53	39.29	54.00	14.71	200	196	Vertical

Mode: IEEE 802.11ac VHT20
Frequency (5200MHz)
Environment: 25.3°C/56%RH/101.0kPa
Tested By:Qin Tingting

Date: 2024-09-20
Voltage:DC 12V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1977.3500	53.19	35.82	-17.37	68.30	32.48	100	76	Horizontal
2	3135.1000	50.92	39.47	-11.45	68.30	28.83	100	237	Horizontal
3	5045.2500	49.41	51.01	1.60	74.00	22.99	100	224	Horizontal
4	10029.3500	39.44	49.54	10.10	68.30	18.76	200	59	Horizontal
5	14653.5000	35.85	52.13	16.28	68.30	16.17	200	47	Horizontal
6	16563.6500	38.39	52.76	14.37	68.30	15.54	100	299	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	5045.2500	1.60	38.23	39.83	54.00	14.17	100	224	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	1374.5500	58.59	38.09	-20.50	74.00	35.91	100	181	Vertical
2	2470.7000	55.56	40.30	-15.26	68.30	28.00	100	50	Vertical
3	5057.9000	48.55	50.24	1.69	74.00	23.76	100	195	Vertical
4	10117.9000	38.28	49.12	10.84	68.30	19.18	200	179	Vertical
5	13113.6500	35.27	50.99	15.72	68.30	17.31	200	127	Vertical
6	16766.0500	38.47	53.34	14.87	68.30	14.96	100	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	5057.9000	1.69	37.29	38.98	54.00	15.02	100	195	Vertical

Mode: IEEE 802.11ac VHT20
Frequency (5240 MHz)
Environment: 25.3°C/56%RH/101.0kPa
Tested By:Qin Tingting

Date: 2024-09-20
Voltage:DC 12V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2015.8500	52.65	35.60	-17.05	68.30	32.70	100	36	Horizontal
2	3934.8000	50.44	42.98	-7.46	74.00	31.02	200	9	Horizontal
3	5041.4000	47.76	49.36	1.60	74.00	24.64	100	233	Horizontal
4	8397.5000	42.48	46.73	4.25	74.00	27.27	200	255	Horizontal
5	11385.2000	38.01	50.30	12.29	74.00	23.70	200	72	Horizontal
6	17733.2000	37.47	53.28	15.81	74.00	20.72	200	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	5041.4000	1.60	37.59	39.19	54.00	14.81	100	233	Horizontal
2	11385.2000	12.29	27.81	40.10	54.00	13.90	200	72	Horizontal
3	17733.2000	15.81	25.38	41.19	54.00	12.81	200	110	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	1374.5500	57.95	37.45	-20.50	74.00	36.55	100	167	Vertical
2	3516.2500	50.72	40.23	-10.49	68.30	28.07	100	208	Vertical
3	4320.3500	50.47	44.85	-5.62	74.00	29.15	100	287	Vertical
4	5044.1500	47.49	49.21	1.72	74.00	24.79	200	154	Vertical
5	10591.7000	38.27	49.09	10.82	68.30	19.21	100	19	Vertical
6	15681.6000	39.39	53.41	14.02	74.00	20.59	100	311	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	5044.1500	1.72	37.69	39.41	54.00	14.59	200	154	Vertical
2	15681.6000	14.02	28.17	42.19	54.00	11.81	100	311	Vertical

Mode: IEEE 802.11ac VHT20
Frequency (5745MHz)
Environment: 25.3°C/56%RH/101.0kPa
Tested By:Qin Tingting

Date: 2024-09-20
Voltage:DC 12V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1557.1500	54.94	34.52	-20.42	74.00	39.48	100	126	Horizontal
2	3909.5000	49.70	42.79	-6.91	74.00	31.21	100	359	Horizontal
3	5123.3500	47.70	49.16	1.46	74.00	24.84	200	127	Horizontal
4	7428.0500	42.66	45.03	2.37	74.00	28.97	100	141	Horizontal
5	14038.2500	35.39	52.16	16.77	68.30	16.14	200	236	Horizontal
6	17663.0500	37.99	53.50	15.51	68.30	14.80	100	272	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	5123.3500	1.46	36.43	37.89	54.00	16.11	200	127	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	1375.1000	57.58	37.08	-20.50	74.00	36.92	100	192	Vertical
2	3033.3500	50.83	39.17	-11.66	68.30	29.13	100	99	Vertical
3	5032.6000	47.22	48.96	1.74	74.00	25.04	100	192	Vertical
4	5901.6000	48.09	48.81	0.72	68.30	19.49	200	153	Vertical
5	13916.3500	36.03	51.96	15.93	68.30	16.34	100	207	Vertical
6	17996.5500	37.31	53.55	16.24	74.00	20.45	200	326	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	5032.6000	1.74	35.96	37.70	54.00	16.30	100	192	Vertical
2	17996.5500	16.24	25.87	42.11	54.00	11.89	200	326	Vertical

Mode: IEEE 802.11ac VHT20
Frequency (5785 MHz)
Environment: 25.3°C/56%RH/101.0kPa
Tested By:Qin Tingting

Date: 2024-09-20
Voltage:DC 12V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1232.6500	55.37	34.59	-20.78	74.00	39.41	100	350	Horizontal
2	2463.5500	52.98	38.29	-14.69	68.30	30.01	200	217	Horizontal
3	3912.2500	49.41	42.44	-6.97	74.00	31.56	100	62	Horizontal
4	5792.7000	50.36	51.05	0.69	68.30	17.25	100	219	Horizontal
5	14137.1500	35.45	52.11	16.66	68.30	16.19	100	262	Horizontal
6	17697.5500	37.98	53.68	15.70	68.30	14.62	100	327	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	1374.5500	58.37	37.87	-20.50	74.00	36.13	100	169	Vertical
2	1556.0500	55.44	35.67	-19.77	74.00	38.33	100	275	Vertical
3	4132.2500	50.65	44.11	-6.54	74.00	29.89	200	187	Vertical
4	5939.5500	50.16	50.95	0.79	68.30	17.35	100	156	Vertical
5	10297.3000	38.49	49.47	10.98	68.30	18.83	100	327	Vertical
6	15748.3000	38.46	52.22	13.76	74.00	21.78	200	116	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	15748.3000	13.76	25.34	39.10	54.00	14.90	200	116	Vertical

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Mode: IEEE 802.11ac VHT20
Frequency (5825MHz)
Environment: 25.3°C/56%RH/101.0kPa
Tested By:Qin Tingting

Date: 2024-09-20
Voltage:DC 12V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2782.0000	52.45	38.37	-14.08	74.00	35.63	200	360	Horizontal
2	3883.1000	51.63	44.36	-7.27	74.00	29.64	100	164	Horizontal
3	5044.7000	47.48	49.08	1.60	74.00	24.92	100	220	Horizontal
4	5975.8500	48.31	48.60	0.29	68.30	19.70	200	209	Horizontal
5	10297.3000	37.66	48.94	11.28	68.30	19.36	100	82	Horizontal
6	17726.3000	37.97	53.76	15.79	74.00	20.24	100	210	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	5044.7000	1.60	35.63	37.23	54.00	16.77	100	220	Horizontal
2	17726.3000	15.79	26.18	41.97	54.00	12.03	100	210	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	1375.1000	58.95	38.45	-20.50	74.00	35.55	200	179	Vertical
2	3255.5500	51.12	39.81	-11.31	68.30	28.49	100	167	Vertical
3	5040.8500	47.37	49.10	1.73	74.00	24.90	200	150	Vertical
4	5968.1500	48.39	49.05	0.66	68.30	19.25	100	155	Vertical
5	10585.9500	38.15	48.92	10.77	68.30	19.38	100	76	Vertical
6	16095.6000	39.32	52.58	13.26	74.00	21.42	100	326	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	5040.8500	1.73	35.86	37.59	54.00	16.41	200	150	Vertical
2	16095.6000	13.26	23.45	36.71	54.00	17.29	100	326	Vertical

Mode: IEEE 802.11ac VHT40
Frequency (5190 MHz)
Environment: 25.3°C/56%RH/101.0kPa
Tested By:Qin Tingting

Date: 2024-09-20
Voltage:DC 12V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1322.3000	55.04	34.44	-20.60	74.00	39.56	100	184	Horizontal
2	2184.7000	53.67	37.71	-15.96	68.30	30.59	100	288	Horizontal
3	3459.6000	53.51	41.92	-11.59	68.30	26.38	100	146	Horizontal
4	5114.5500	47.68	49.16	1.48	74.00	24.84	100	340	Horizontal
5	10450.2500	38.16	49.58	11.42	68.30	18.72	100	192	Horizontal
6	15755.2000	38.89	52.53	13.64	74.00	21.47	200	220	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	5114.5500	1.48	38.49	39.97	54.00	14.03	100	340	Horizontal
2	15755.2000	13.64	26.95	40.59	54.00	13.41	200	220	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	1374.5500	57.08	36.58	-20.50	74.00	37.42	200	194	Vertical
2	2183.0500	53.55	37.57	-15.98	68.30	30.73	200	300	Vertical
3	2999.8000	51.45	39.63	-11.82	68.30	28.67	200	113	Vertical
4	5043.6000	47.68	49.40	1.72	74.00	24.60	100	338	Vertical
5	10447.9500	38.12	49.21	11.09	68.30	19.09	100	35	Vertical
6	16096.7500	39.03	52.29	13.26	74.00	21.71	100	152	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	5043.6000	1.72	37.93	39.65	54.00	14.35	100	338	Vertical
2	16096.7500	13.26	28.75	42.01	54.00	11.99	100	152	Vertical

Mode: IEEE 802.11ac VHT40
Frequency (5230MHz)
Environment: 25.3°C/56%RH/101.0kPa
Tested By:Qin Tingting

Date: 2024-09-20
Voltage:DC 12V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1210.6500	55.35	34.53	-20.82	74.00	39.47	200	339	Horizontal
2	2161.0500	52.59	36.82	-15.77	68.30	31.48	200	179	Horizontal
3	3487.1000	52.65	41.42	-11.23	68.30	26.88	100	140	Horizontal
4	5046.3500	47.84	49.45	1.61	74.00	24.55	200	299	Horizontal
5	10520.4000	38.55	49.09	10.54	68.30	19.21	100	286	Horizontal
6	16093.3000	38.90	52.03	13.13	74.00	21.97	100	360	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	5046.3500	1.61	37.93	39.54	54.00	14.46	200	299	Horizontal
2	16093.3000	13.13	26.74	39.87	54.00	14.13	100	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	1374.5500	57.63	37.13	-20.50	74.00	36.87	100	168	Vertical
2	2375.0000	53.24	37.37	-15.87	74.00	36.63	200	29	Vertical
3	3138.4000	51.40	39.70	-11.70	68.30	28.60	200	160	Vertical
4	5044.1500	47.42	49.14	1.72	74.00	24.86	200	171	Vertical
5	10192.6500	38.73	49.16	10.43	68.30	19.14	100	359	Vertical
6	16777.5500	37.97	52.99	15.02	68.30	15.31	100	164	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	5044.1500	1.72	39.13	40.85	54.00	13.15	200	171	Vertical

Mode: IEEE 802.11ac VHT40
Frequency (5755 MHz)
Environment: 25.3°C/56%RH/101.0kPa
Tested By:Qin Tingting

Date: 2024-09-20
Voltage:DC 12V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1328.9000	54.52	33.87	-20.65	74.00	40.13	100	164	Horizontal
2	2142.3500	52.57	36.62	-15.95	68.30	31.68	200	286	Horizontal
3	3145.5500	50.76	39.50	-11.26	68.30	28.80	100	85	Horizontal
4	5041.9500	47.60	49.20	1.60	74.00	24.80	100	349	Horizontal
5	10298.4500	38.15	49.45	11.30	68.30	18.85	100	64	Horizontal
6	17990.8000	37.15	53.50	16.35	74.00	20.50	200	339	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	5041.9500	1.60	36.35	37.95	54.00	16.05	100	349	Horizontal
2	17990.8000	16.35	26.41	42.76	54.00	11.24	200	339	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	1375.1000	58.49	37.99	-20.50	74.00	36.01	100	181	Vertical
2	3076.8000	51.80	39.95	-11.85	68.30	28.35	200	247	Vertical
3	5116.2000	47.36	48.91	1.55	74.00	25.09	200	102	Vertical
4	8729.8500	41.75	46.68	4.93	68.30	21.62	200	115	Vertical
5	14752.4000	35.78	52.13	16.35	68.30	16.17	200	157	Vertical
6	17983.9000	37.42	53.66	16.24	74.00	20.34	200	181	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	5116.2000	1.55	36.37	37.92	54.00	16.08	200	102	Vertical
2	17983.9000	16.24	26.46	42.70	54.00	11.30	200	181	Vertical

Mode: IEEE 802.11ac VHT40
Frequency (5795MHz)
Environment: 25.3°C/56%RH/101.0kPa
Tested By:Qin Tingting

Date: 2024-09-20
Voltage:DC 12V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1706.7500	54.20	34.68	-19.52	74.00	39.32	100	337	Horizontal
2	3863.3000	51.35	43.41	-7.94	74.00	30.59	100	194	Horizontal
3	5788.8500	49.26	49.95	0.69	68.30	18.35	200	216	Horizontal
4	9258.8500	41.00	48.26	7.26	68.30	20.04	200	85	Horizontal
5	10519.2500	39.80	50.33	10.53	68.30	17.97	100	182	Horizontal
6	16556.7500	38.74	53.15	14.41	68.30	15.15	100	1	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	1375.1000	58.99	38.49	-20.50	74.00	35.51	100	194	Vertical
2	2459.1500	55.22	40.06	-15.16	68.30	28.24	100	234	Vertical
3	4267.0000	48.71	43.72	-4.99	74.00	30.28	200	285	Vertical
4	5956.6000	49.75	50.51	0.76	68.30	17.79	100	156	Vertical
5	12222.4000	37.63	51.01	13.38	74.00	22.99	100	150	Vertical
6	17997.7000	37.87	54.12	16.25	74.00	19.88	200	313	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	12246.2790	13.38	24.75	38.13	54.00	15.87	192	304.8	Vertical
2	17997.7000	16.25	26.31	42.56	54.00	11.44	200	313	Vertical

Mode: IEEE 802.11ac VHT80
Frequency (5210 MHz)
Environment: 25.3°C/56%RH/101.0kPa
Tested By:Qin Tingting

Date: 2024-09-20
Voltage:DC 12V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1445.5000	54.28	34.32	-19.96	74.00	39.68	200	273	Horizontal
2	3002.0000	52.13	39.89	-12.24	68.30	28.41	100	287	Horizontal
3	3473.3500	52.75	41.34	-11.41	68.30	26.96	100	140	Horizontal
4	4973.2000	49.10	49.94	0.84	74.00	24.06	200	259	Horizontal
5	10592.8500	38.04	48.99	10.95	68.30	19.31	200	99	Horizontal
6	16901.7500	37.78	52.92	15.14	68.30	15.38	200	72	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	4973.2000	0.84	37.83	38.67	54.00	15.33	200	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	1375.1000	57.87	37.37	-20.50	74.00	36.63	200	171	Vertical
2	1950.9500	54.43	36.30	-18.13	68.30	32.00	200	104	Vertical
3	3152.7000	51.02	39.41	-11.61	68.30	28.89	100	288	Vertical
4	5038.6500	47.87	49.60	1.73	74.00	24.40	200	287	Vertical
5	10154.7000	38.18	49.01	10.83	68.30	19.29	200	150	Vertical
6	15739.1000	39.00	52.77	13.77	74.00	21.23	100	21	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	5038.6500	1.73	37.79	39.52	54.00	14.48	200	287	Vertical
2	15739.1000	13.77	28.51	42.28	54.00	11.72	100	21	Vertical

Mode: IEEE 802.11ac VHT80
Frequency (5775MHz)
Environment: 25.3°C/56%RH/101.0kPa
Tested By:Qin Tingting

Date: 2024-09-20
Voltage:DC 12V

Suspected Data List									
NO.	Freq. [MHz]	Reading [dBμV/m]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1318.4500	55.49	34.91	-20.58	74.00	39.09	200	10	Horizontal
2	2234.7500	52.96	36.92	-16.04	74.00	37.08	100	179	Horizontal
3	3883.6500	49.85	42.60	-7.25	74.00	31.40	100	60	Horizontal
4	5076.6000	47.43	48.99	1.56	74.00	25.01	100	34	Horizontal
5	13435.6500	36.44	51.84	15.40	68.30	16.46	100	164	Horizontal
6	17986.2000	38.02	54.38	16.36	74.00	19.62	100	309	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	5076.6000	1.56	36.15	37.71	54.00	16.29	100	34	Horizontal
2	17986.2000	16.36	26.36	42.72	54.00	11.28	100	309	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	1374.5500	57.61	37.11	-20.50	74.00	36.89	200	156	Vertical
2	2463.5500	53.13	37.93	-15.20	68.30	30.37	100	2	Vertical
3	5056.8000	47.54	49.24	1.70	74.00	24.76	200	116	Vertical
4	5941.2000	47.85	48.64	0.79	68.30	19.66	200	235	Vertical
5	9147.3000	40.57	47.91	7.34	74.00	26.09	200	349	Vertical
6	16071.4500	39.20	52.52	13.32	74.00	21.48	200	87	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	5056.8000	1.70	36.53	38.23	54.00	15.77	200	116	Vertical
2	16071.4500	13.32	27.38	40.70	54.00	13.30	200	87	Vertical

18GHz-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.

Note: Pre-scan all modes, only the worst case(IEEE 802.11ac VHT40_5795MHz) is recorded in this report.

Mode: IEEE 802.11ac VHT40
Frequency (5795MHz)
Environment:25.5℃/58%RH/101.0kPa
Tested By:Qin Tingting

Date: 2024-09-21
Voltage:DC 12V

Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Level for 1m [dBμV/m]	Level for 3m [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	18884.4000	49.32	33.29	23.75	-16.03	74.00	50.25	100	45	Horizontal
2	21102.0000	48.73	33.70	24.16	-15.03	74.00	49.84	100	20	Horizontal
3	26655.9000	47.19	33.69	24.15	-13.50	68.30	44.15	100	279	Horizontal
4	31262.7000	47.46	34.17	24.63	-13.29	74.00	49.37	100	90	Horizontal
5	36440.4000	50.05	38.09	28.55	-11.96	74.00	45.45	100	360	Horizontal
6	39751.4000	49.61	40.96	31.42	-8.65	68.30	36.88	100	20	Horizontal

Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV/m]	Level for 1m [dBμV/m]	Level for 3m [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	18790.9000	50.84	34.80	25.26	-16.04	74.00	48.74	100	79	Vertical
2	21241.7000	48.03	33.45	23.91	-14.58	74.00	50.09	100	59	Vertical
3	26662.5000	47.92	35.37	25.83	-12.55	68.30	42.47	100	257	Vertical
4	30420.1000	48.34	34.47	24.93	-13.87	68.30	43.37	100	79	Vertical
5	34509.9000	49.77	36.50	26.96	-13.27	68.30	41.34	100	123	Vertical
6	39811.9000	50.21	41.77	32.23	-8.44	68.30	36.07	100	146	Vertical

Remark:

- 1
- Measuring frequencies from 1 GHz to the 10th harmonic of highest fundamental frequency.
- 2
- Measurements above show only up to 6 maximum emissions noted, or would be lesser if no specific emissions from the EUT are recorded (ie: margin>20dB from the applicable limit) and considered that's already beyond the background noise floor.
- 3
- Radiated emissions measured in frequency above 1000MHz were made with an instrument using Peak detector mode and average detector mode of the emission shown in Actual FS column.
- 4
- Above 18G test distance is 1m, so the Level for 3m= Level for 1m + 20*log(1/3)

6. RESTRICTED BANDS OF OPERATION

6.1 LIMITS

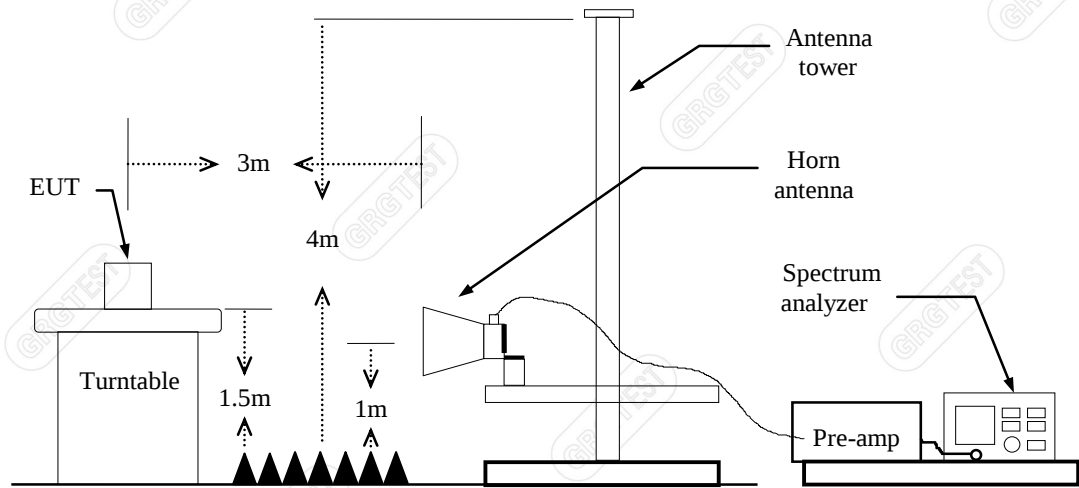
Section 15.407(b)(10) The provisions of §15.205 apply to intentional radiators operating under this section. 15.205(a) Except as shown in paragraph (d) of this section, only spurious emissions are permitted in any of the frequency bands listed below:

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)

6.2 TEST PROCEDURES

- The EUT is placed on a turntable, which is 1.5m above the ground plane.
- The turntable shall be rotated for 360 degrees to determine the position of maximum emission level.
- EUT is set 3m away from the receiving antenna, which is varied from 1m to 4m to find out the highest emission.
- Set the spectrum analyzer in the following setting in order to capture the lower and upper band-edges of the emission:
 - PEAK Measurement: RBW=1MHz / VBW=3MHz / Sweep=AUTO
 - AVERAGE Measurement: RBW=1MHz, Sweep=AUTO, There are two cases of VBW.
If the EUT is configured to transmit with duty cycle $\geq 98\%$, set VBW=10Hz. If the EUT duty cycle is $< 98\%$, set VBW $\geq 1/T$, Where T is defined in section 2.9.
- Repeat the procedures until all the PEAK and AVERAGE versus polarization are measured.

6.3 TEST SETUP



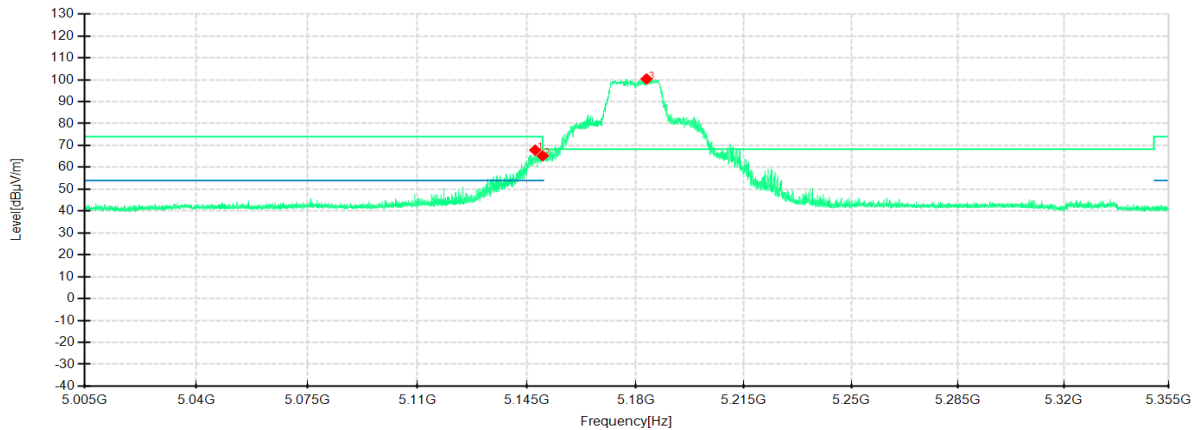
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6.4 TEST RESULTS

IEEE 802.11a mode ANT2

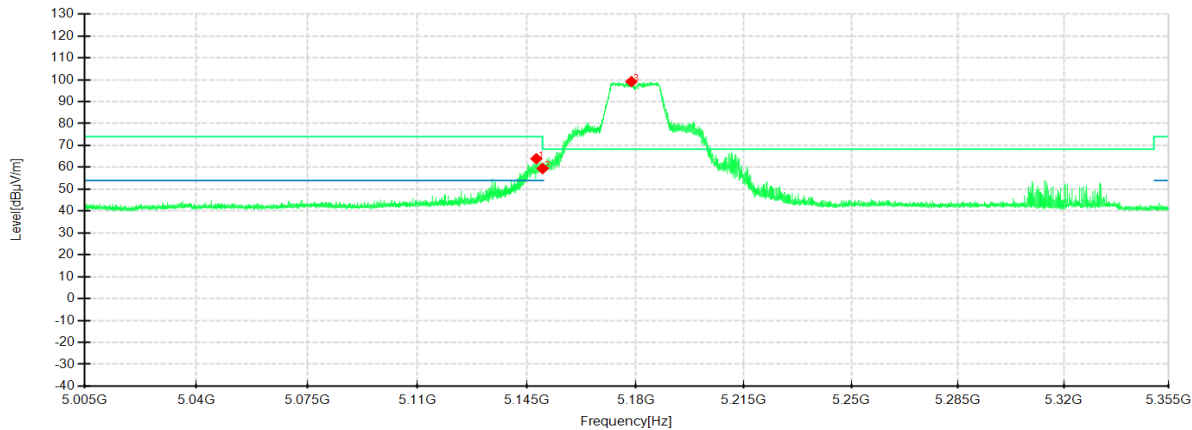
Frequency 5180MHz
Environment: 25.3°C/58%RH/101.0kPa
Tested By: Qin Tingting
Detector mode: Peak

Voltage: DC 12V
Date: 2024-09-19
Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical



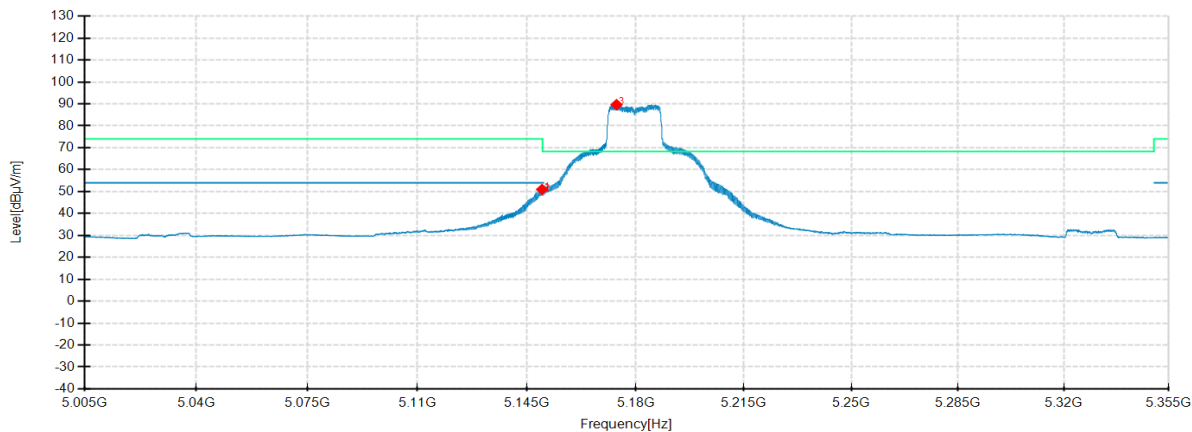
No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5147.6250	71.85	67.84	-4.01	74.00	6.16	100	222	Horizontal	/
2	5150.0000	69.27	65.24	-4.03	68.30	3.06	100	222	Horizontal	/
3	5183.4650	103.82	100.36	-3.46	68.30	-32.06	100	235	Horizontal	No limit
1	5148.0100	67.91	63.89	-4.02	74.00	10.11	200	206	Vertical	/
2	5150.0000	63.44	59.41	-4.03	68.30	8.89	200	192	Vertical	/
3	5178.6000	102.58	99.16	-3.42	68.30	-30.86	200	206	Vertical	No limit

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IEEE 802.11a mode ANT2

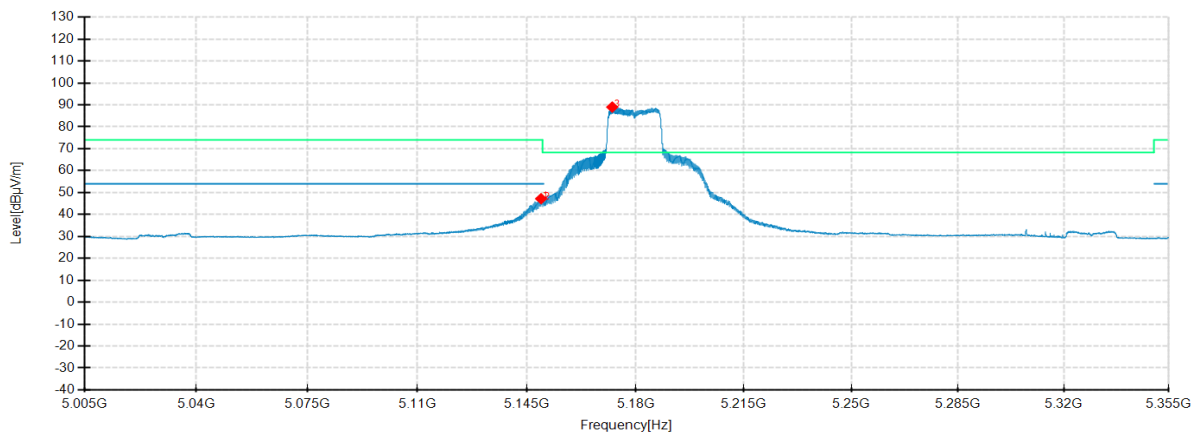
Frequency 5180MHz
Environment: 25.3°C/58%RH/101.0kPa
Tested By: Qin Tingting
Detector mode: Average

Voltage: DC 12V
Date: 2024-09-19
Polarity: Horizontal



Detector mode: Average

Polarity: Vertical

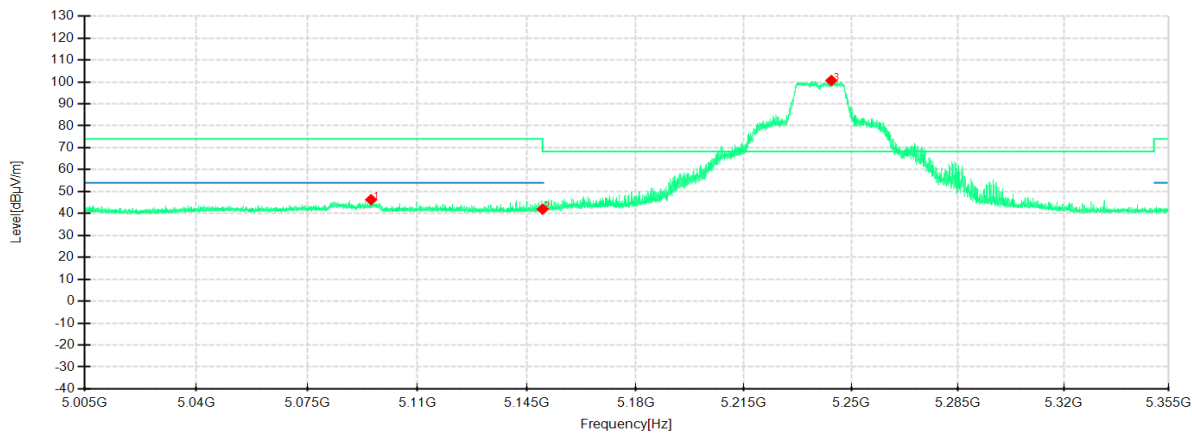


No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5149.8300	54.99	50.96	-4.03	54.00	3.04	100	231	Horizontal	/
2	5150.0000	54.18	50.15	-4.03	54.00	3.85	100	231	Horizontal	/
3	5173.8050	93.27	89.65	-3.62	-	-	100	231	Horizontal	No limit
1	5149.5150	51.23	47.20	-4.03	54.00	6.80	200	210	Vertical	/
2	5150.0000	51.04	47.01	-4.03	54.00	6.99	200	210	Vertical	/
3	5172.4050	92.56	89.00	-3.56	-	-	200	196	Vertical	No limit

IEEE 802.11a mode ANT2

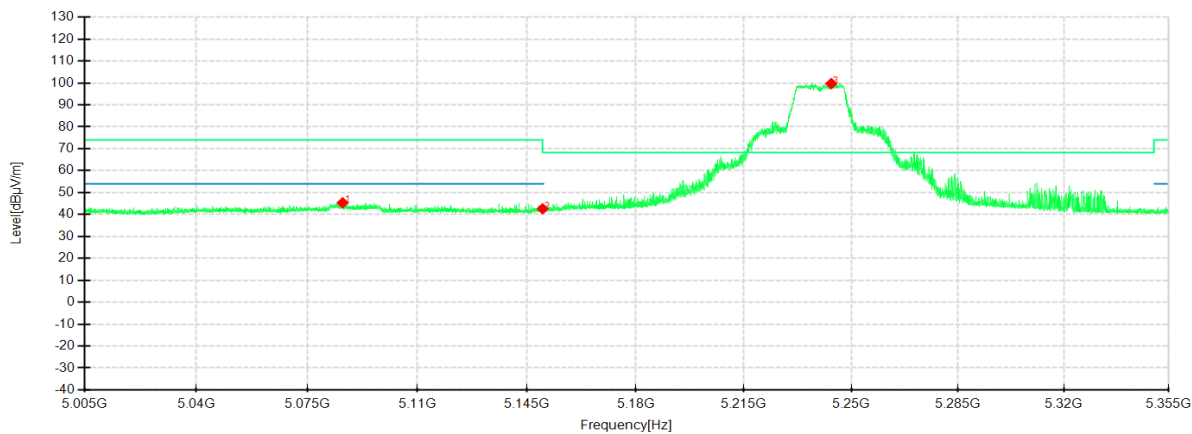
Frequency 5240MHz
Environment: 25.3°C/58%RH/101.0kPa
Tested By: Qin Tingting
Detector mode: Peak

Voltage: DC 12V
Date: 2024-09-19
Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical

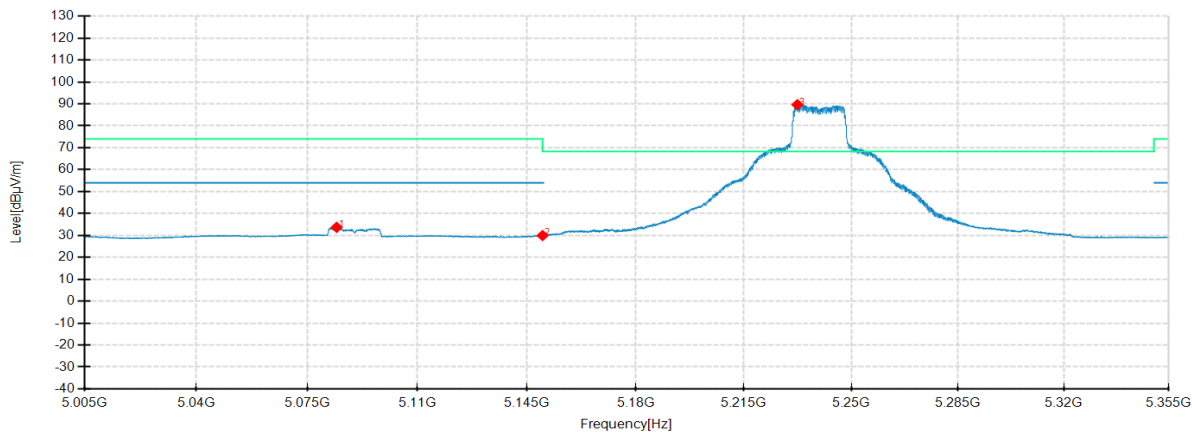


No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5095.2650	49.98	46.30	-3.68	74.00	27.70	100	222	Horizontal	/
2	5150.0000	45.98	41.95	-4.03	68.30	26.35	100	222	Horizontal	/
3	5243.5250	104.38	100.65	-3.73	68.30	-32.35	100	197	Horizontal	No limit
1	5086.2350	48.93	45.34	-3.59	74.00	28.66	200	157	Vertical	/
2	5150.0000	46.62	42.59	-4.03	68.30	25.71	200	81	Vertical	/
3	5243.4900	103.05	99.69	-3.36	68.30	-31.39	200	198	Vertical	No limit

IEEE 802.11a mode ANT2

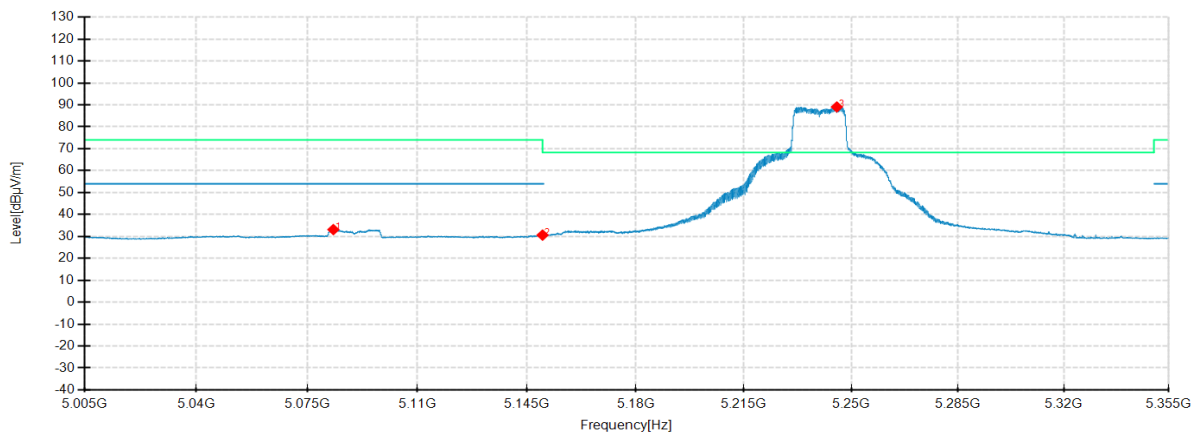
Frequency 5240MHz
Environment: 25.3°C/58%RH/101.0kPa
Tested By: Qin Tingting
Detector mode: Average

Voltage: DC 12V
Date: 2024-09-19
Polarity: Horizontal



Detector mode: Average

Polarity: Vertical

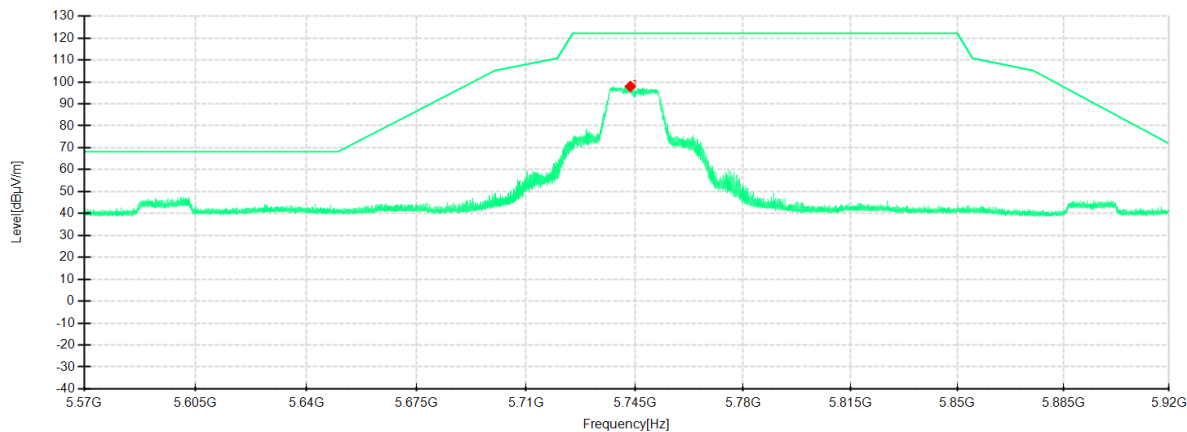


No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5084.3450	37.38	33.68	-3.70	54.00	20.32	100	236	Horizontal	/
2	5150.0000	33.98	29.95	-4.03	54.00	24.05	100	289	Horizontal	/
3	5232.4300	93.21	89.62	-3.59	-	-	100	223	Horizontal	No limit
1	5083.2950	36.72	33.12	-3.60	54.00	20.88	200	102	Vertical	/
2	5150.0000	34.62	30.59	-4.03	54.00	23.41	100	216	Vertical	/
3	5245.3100	92.44	89.06	-3.38	-	-	200	194	Vertical	No limit

IEEE 802.11a mode ANT2

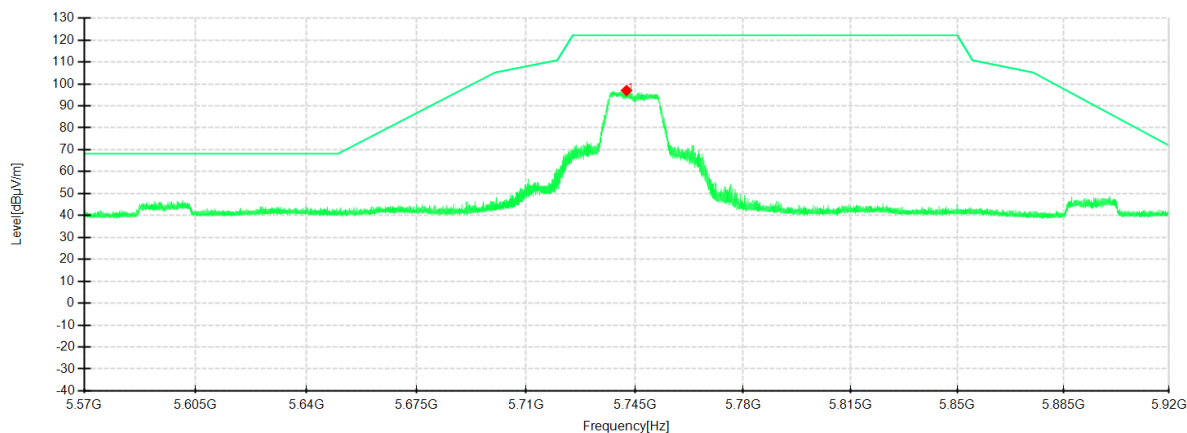
Frequency 5745MHz
Environment: 25.3°C/58%RH/101.0kPa
Tested By: Qin Tingting
Detector mode: Peak

Voltage: DC 12V
Date: 2024-09-19
Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical

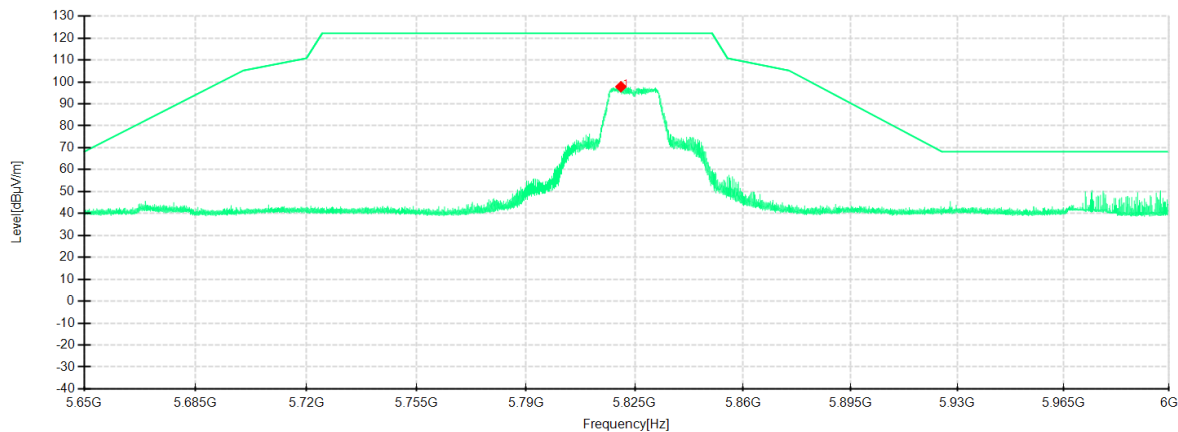


No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5743.5475	100.88	97.95	-2.93	122.20	24.25	200	215	Horizontal	/
1	5742.2875	99.63	96.99	-2.64	122.20	25.21	100	235	Vertical	/

IEEE 802.11a mode ANT2

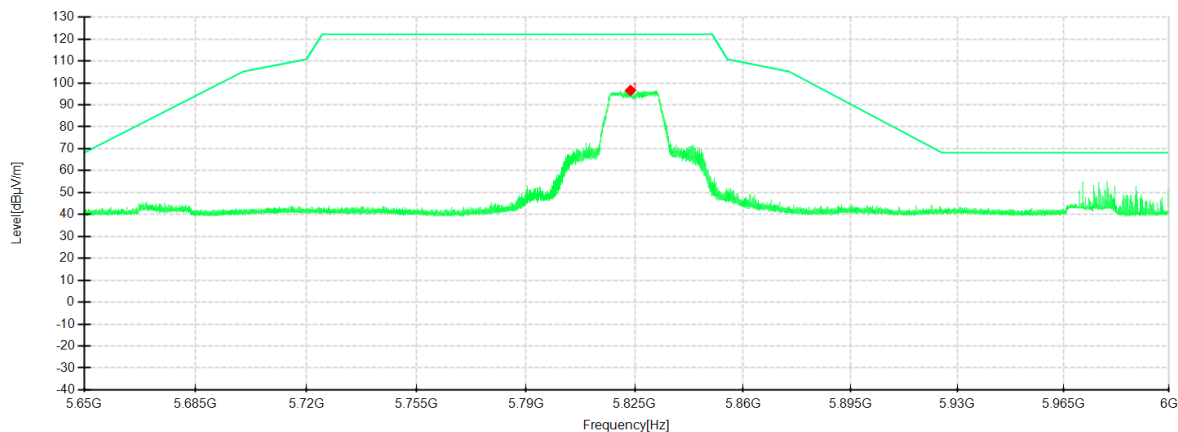
Frequency 5825MHz
Environment: 25.3°C/58%RH/101.0kPa
Tested By: Qin Tingting
Detector mode: Peak

Voltage: DC 12V
Date: 2024-09-19
Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical



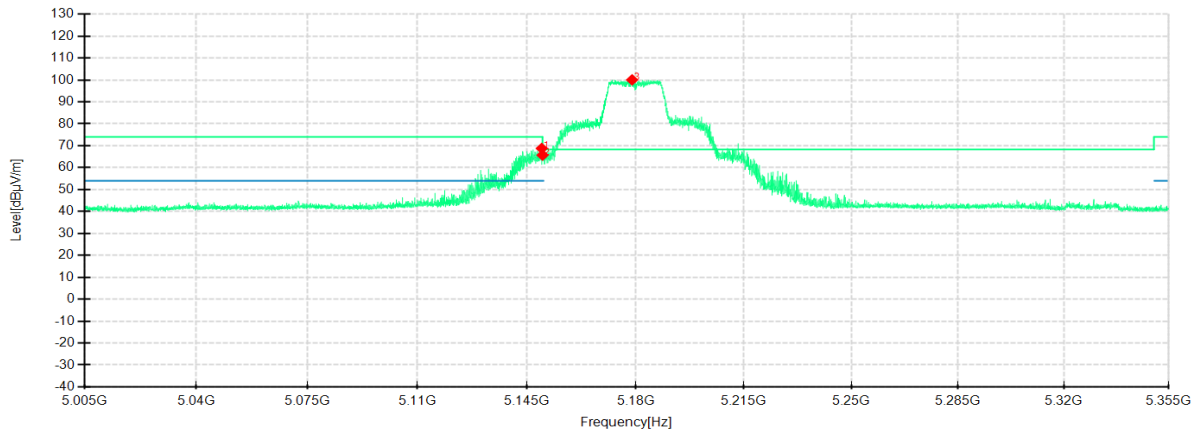
No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5820.5200	100.52	97.81	-2.71	122.20	24.39	100	218	Horizontal	/
1	5823.6350	99.08	96.60	-2.48	122.20	25.60	100	143	Vertical	/

IEEE 802.11n HT20 mode ANT2

Frequency 5180MHz
Environment: 25.3°C/58%RH/101.0kPa

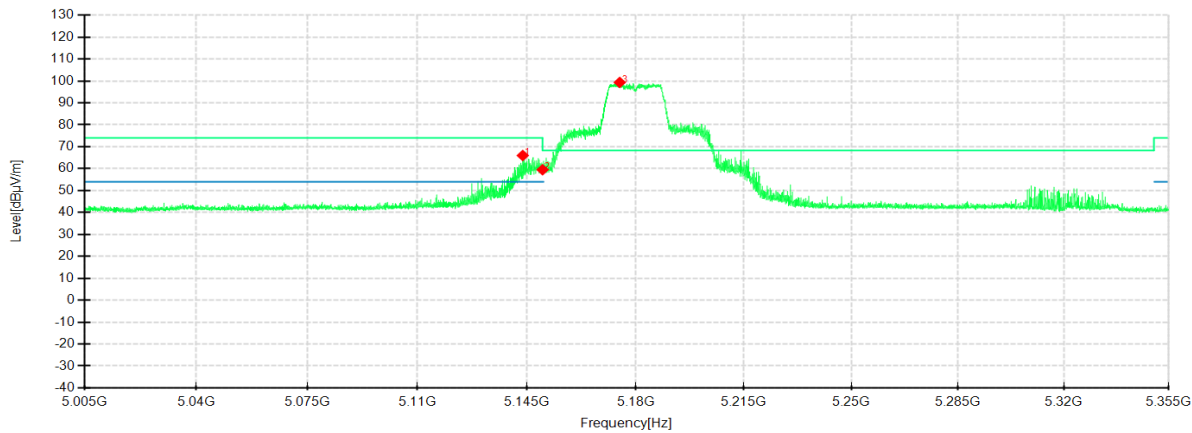
Tested By: Qin Tingting
Detector mode: Peak

Voltage: DC 12V
Date: 2024-09-19
Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical

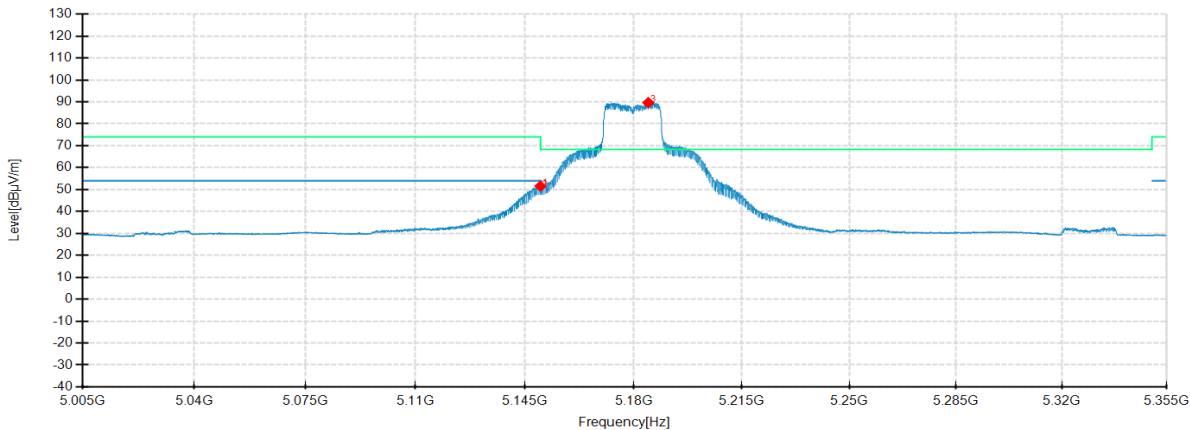


No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5149.7250	72.79	68.76	-4.03	74.00	5.24	100	233	Horizontal	/
2	5150.0000	69.73	65.70	-4.03	68.30	2.60	100	220	Horizontal	/
3	5178.8100	103.58	100.04	-3.54	68.30	-31.74	100	233	Horizontal	No limit
1	5143.6350	69.97	65.99	-3.98	74.00	8.01	200	208	Vertical	/
2	5150.0000	63.53	59.50	-4.03	68.30	8.80	200	208	Vertical	/
3	5174.8200	102.81	99.31	-3.50	68.30	-31.01	200	208	Vertical	No limit

IEEE 802.11n HT20 mode ANT2

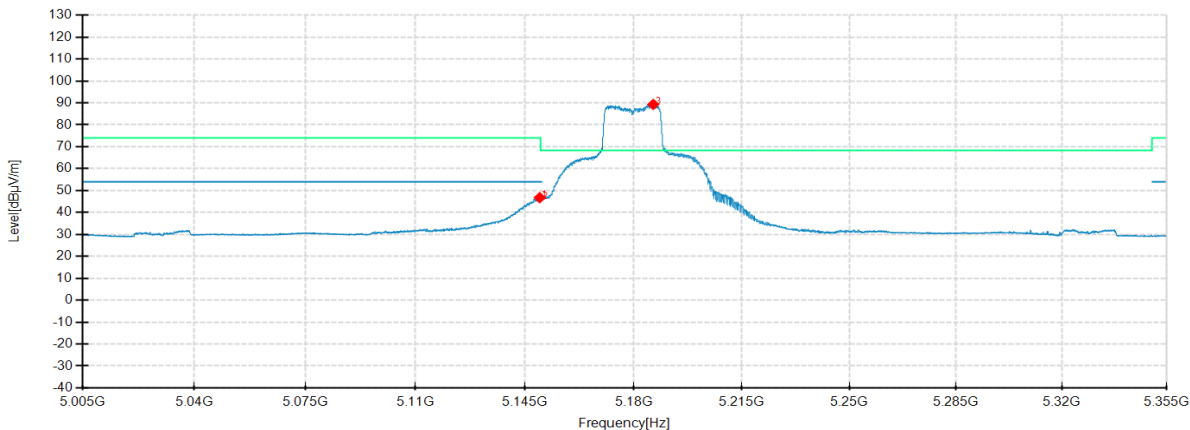
Frequency 5180MHz
Environment: 25.3°C/58%RH/101.0kPa
Tested By: Qin Tingting
Detector mode: Average

Voltage: DC 12V
Date: 2024-09-19
Polarity: Horizontal



Detector mode: Average

Polarity: Vertical

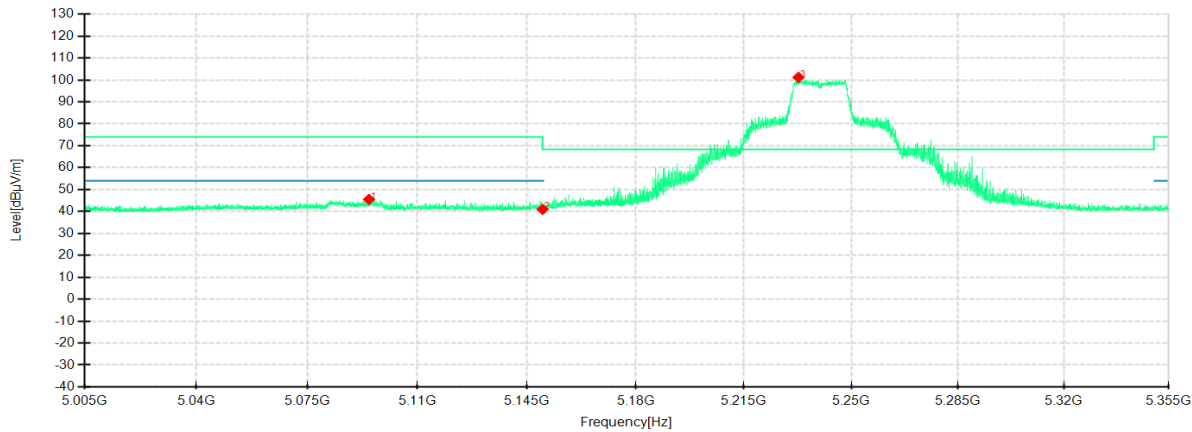


No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5149.9350	55.59	51.56	-4.03	54.00	2.44	100	222	Horizontal	/
2	5150.0000	55.04	51.01	-4.03	54.00	2.99	100	222	Horizontal	/
3	5184.6900	93.08	89.65	-3.43	-	-	100	235	Horizontal	No limit
1	5149.7250	50.78	46.75	-4.03	54.00	7.25	200	197	Vertical	/
2	5150.0000	50.12	46.09	-4.03	54.00	7.91	200	197	Vertical	/
3	5186.3000	92.55	89.29	-3.26	-	-	100	163	Vertical	No limit

IEEE 802.11n HT20 mode ANT2

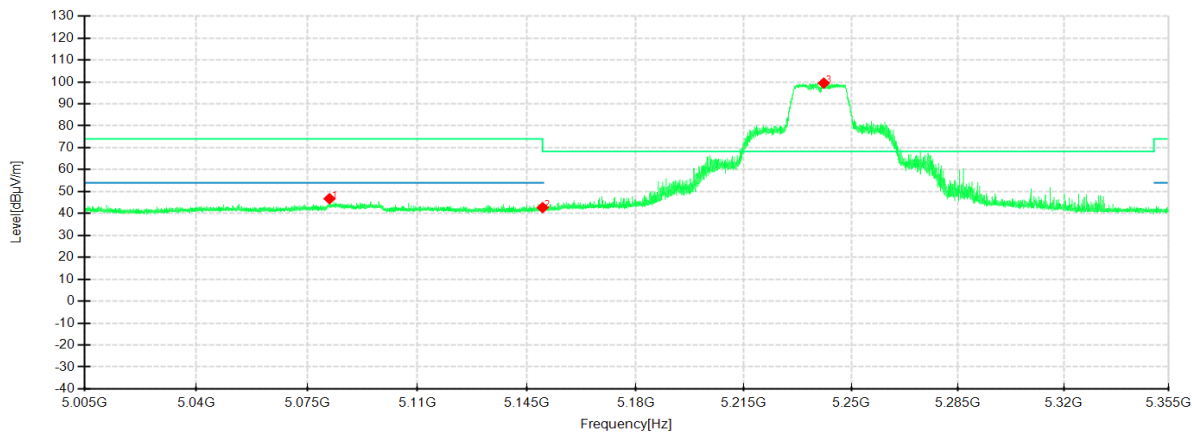
Frequency 5240MHz
Environment: 25.3°C/58%RH/101.0kPa
Tested By: Qin Tingting
Detector mode: Peak

Voltage: DC 12V
Date: 2024-09-19
Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical

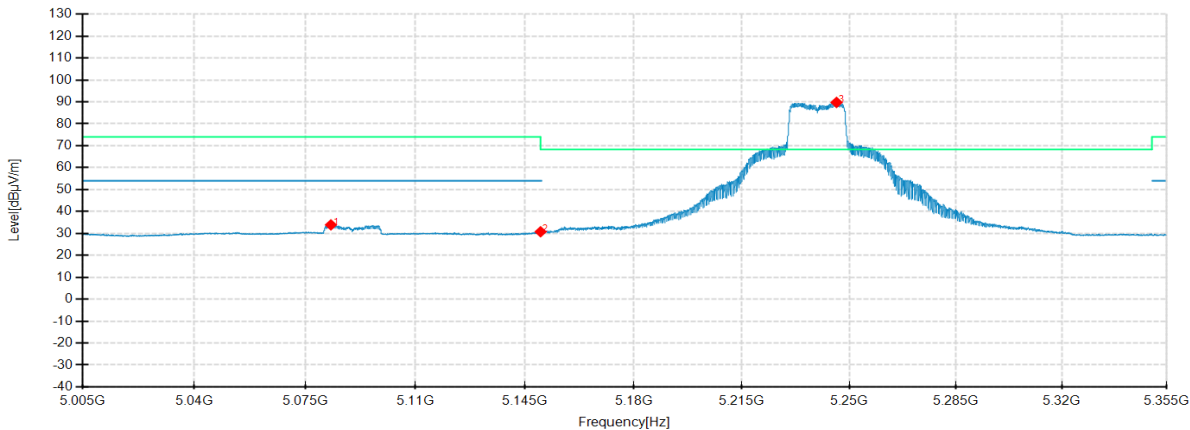


No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5094.6000	49.19	45.50	-3.69	74.00	28.50	200	219	Horizontal	/
2	5150.0000	44.98	40.95	-4.03	68.30	27.35	100	127	Horizontal	/
3	5232.7800	104.75	101.15	-3.60	68.30	-32.85	100	219	Horizontal	No limit
1	5082.0700	50.33	46.73	-3.60	74.00	27.27	100	271	Vertical	/
2	5150.0000	46.72	42.69	-4.03	68.30	25.61	200	287	Vertical	/
3	5241.0400	102.82	99.48	-3.34	68.30	-31.18	200	167	Vertical	No limit

IEEE 802.11n HT20 mode ANT2

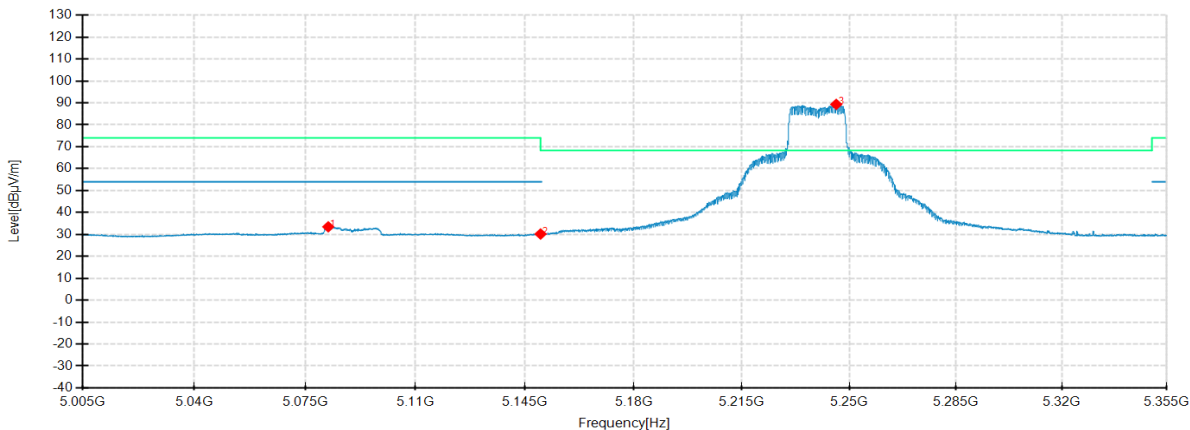
Frequency 5240MHz
Environment: 25.3°C/58%RH/101.0kPa
Tested By: Qin Tingting
Detector mode: Average

Voltage: DC 12V
Date: 2024-09-19
Polarity: Horizontal



Detector mode: Average

Polarity: Vertical

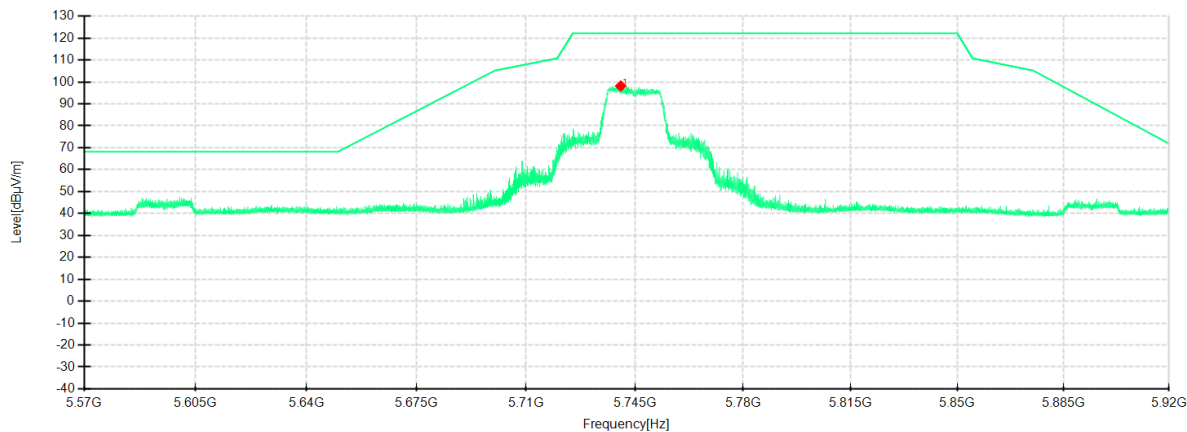


No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5083.1550	37.60	33.90	-3.70	54.00	20.10	100	236	Horizontal	/
2	5150.0000	34.78	30.75	-4.03	54.00	23.25	100	236	Horizontal	/
3	5245.8700	93.52	89.76	-3.76	-	-	100	236	Horizontal	No limit
1	5082.3150	37.07	33.47	-3.60	54.00	20.53	200	158	Vertical	/
2	5150.0000	34.23	30.20	-4.03	54.00	23.80	100	165	Vertical	/
3	5245.7650	92.71	89.33	-3.38	-	-	200	171	Vertical	No limit

IEEE 802.11n HT20 mode ANT2

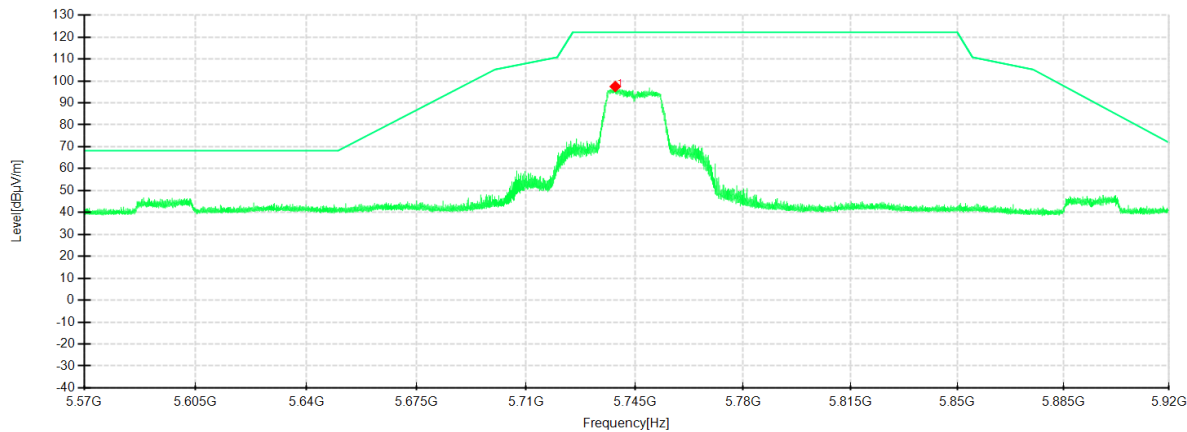
Frequency 5745MHz
Environment: 25.3°C/58%RH/101.0kPa
Tested By: Qin Tingting
Detector mode: Peak

Voltage: DC 12V
Date: 2024-09-19
Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical

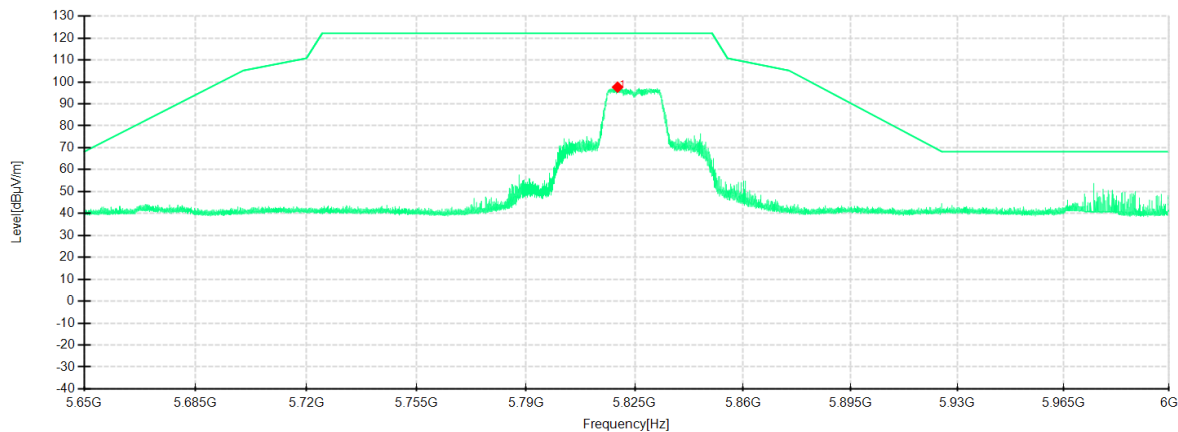


No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5740.4325	101.04	98.12	-2.92	122.20	24.08	100	216	Horizontal	/
1	5738.6825	100.10	97.46	-2.64	122.20	24.74	100	234	Vertical	/

IEEE 802.11n HT20 mode ANT2

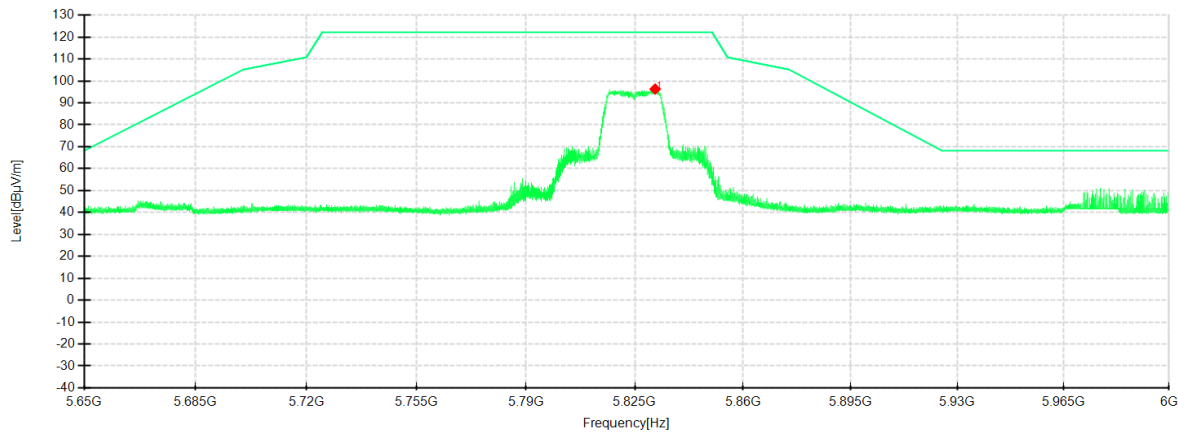
Frequency 5825MHz
Environment: 25.3°C/58%RH/101.0kPa
Tested By: Qin Tingting
Detector mode: Peak

Voltage: DC 12V
Date: 2024-09-19
Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical

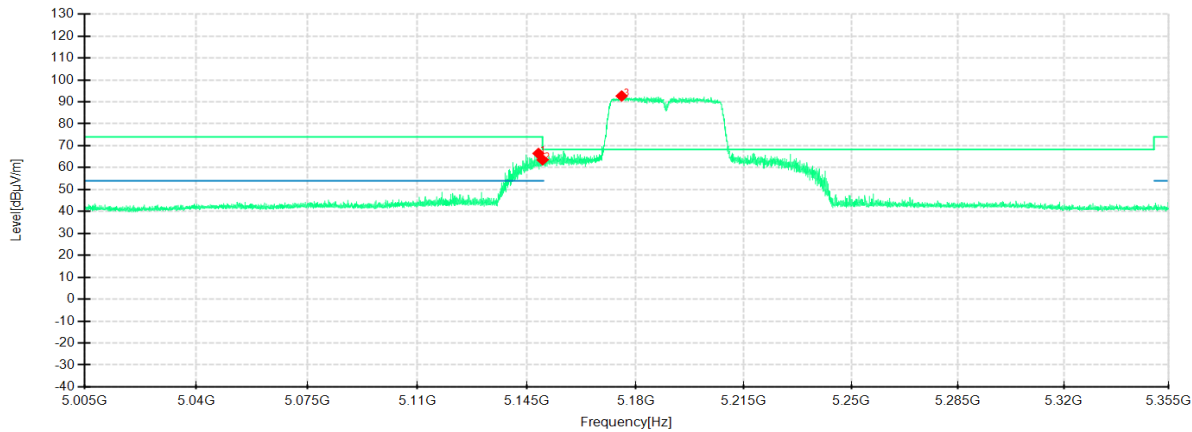


No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5819.4700	100.34	97.61	-2.73	122.20	24.59	200	224	Horizontal	/
1	5831.5800	98.59	96.28	-2.31	122.20	25.92	100	221	Vertical	/

IEEE 802.11n HT40 mode ANT2

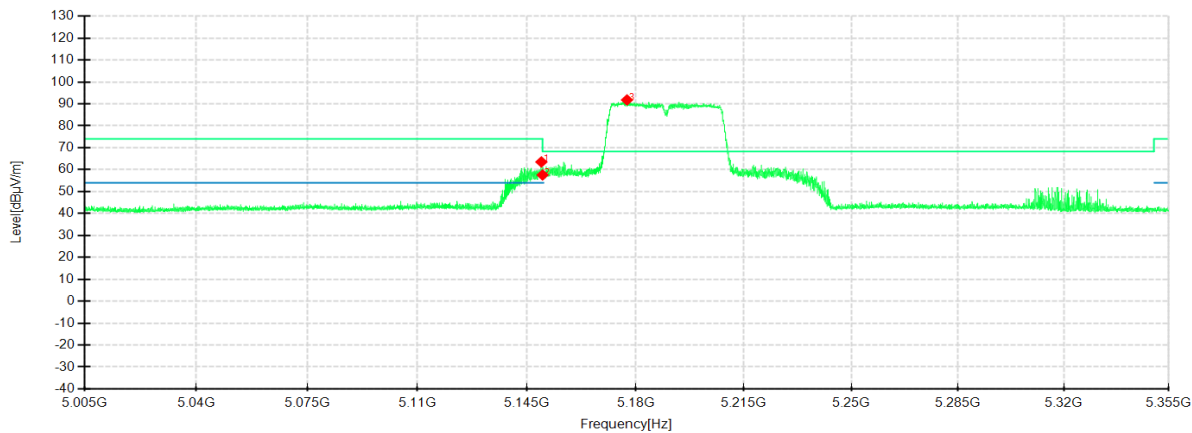
Frequency 5190MHz
Environment: 25.3°C/58%RH/101.0kPa
Tested By: Qin Tingting
Detector mode: Peak

Voltage: DC 12V
Date: 2024-09-19
Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical

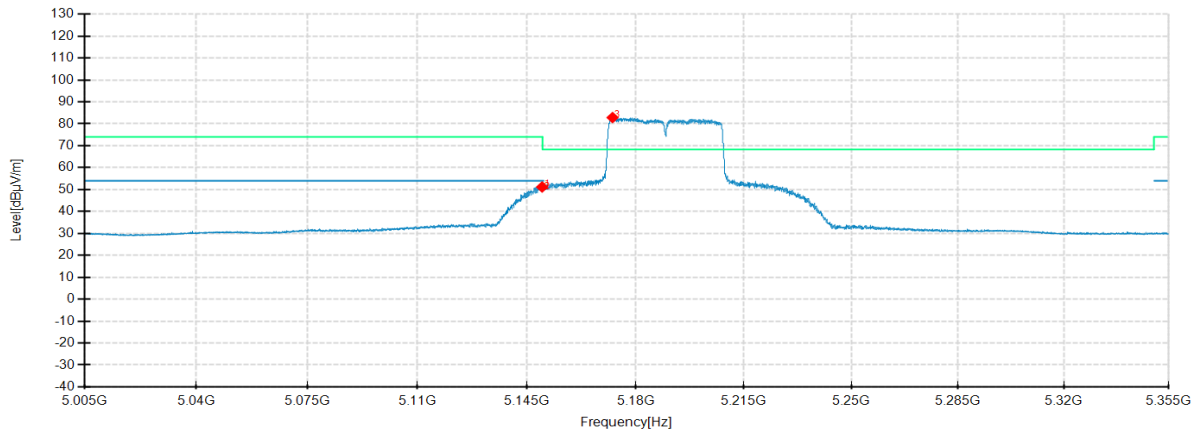


No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	5148.6750	70.50	66.48	-4.02	74.00	7.52	100	235	Horizontal	/
2	5150.0000	67.58	63.55	-4.03	68.30	4.75	100	235	Horizontal	/
3	5175.4500	96.26	92.67	-3.59	68.30	-24.37	100	235	Horizontal	No limit
1	5149.6200	67.54	63.51	-4.03	74.00	10.49	200	193	Vertical	/
2	5150.0000	61.60	57.57	-4.03	68.30	10.73	200	208	Vertical	/
3	5177.1650	95.25	91.79	-3.46	68.30	-23.49	100	195	Vertical	No limit

IEEE 802.11n HT40 mode ANT2

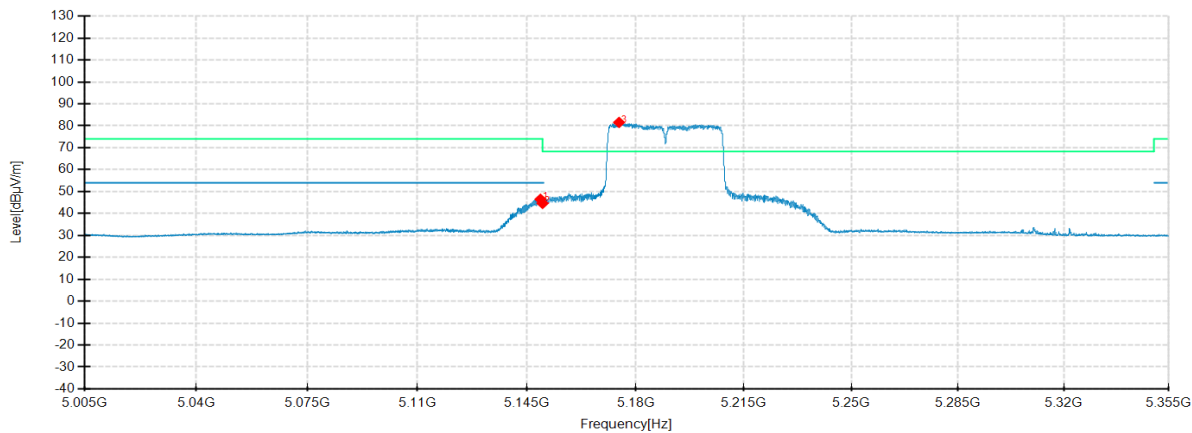
Frequency 5190MHz
Environment: 25.3°C/58%RH/101.0kPa
Tested By: Qin Tingting
Detector mode: Average

Voltage: DC 12V
Date: 2024-09-19
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	5149.8650	55.21	51.18	-4.03	54.00	2.82	100	225	Horizontal	/
2	5150.0000	54.21	50.18	-4.03	54.00	3.82	100	225	Horizontal	/
3	5172.5100	86.49	82.84	-3.65	-	-	100	225	Horizontal	No limit
1	5149.3400	50.50	46.47	-4.03	54.00	7.53	200	196	Vertical	/
2	5150.0000	48.64	44.61	-4.03	54.00	9.39	100	201	Vertical	/
3	5174.6100	85.05	81.54	-3.51	-	-	200	196	Vertical	No limit