

FCC RF Test Report

(U-NII)

Report No.: JYTSZ-R12-2501239

Applicant: Beijing LLVision Technology Co., Ltd.

Address of Applicant: 501, 5th Floor, Building 8, No.10 Kegou 1st Street, BDA, BEIJING, CHINA

Equipment Under Test (EUT)

Product Name: LEION HEY2 AR Glasses

Model No.: G36A

Trade Mark: LEION HEY

FCC ID: 2AKLNG36A0

Applicable Standards: FCC CFR Title 47 Part 15E (§15.407)

Date of Sample Receipt: 01 Jul., 2025

Date of Test: 02 Jul., to 22 Aug., 2025

Date of Report Issued: 23 Aug., 2025

Test Result: PASS

Tested by: _____

Date: 23 Aug., 2025

Reviewed by: _____

Date: 23 Aug., 2025

Approved by: _____

Date: 23 Aug., 2025

Manager

This equipment has been shown to be capable of compliance with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in above the application standard version. Test results reported herein relate only to the item(s) tested.

This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

1 Version

Version No.	Date	Description
00	23 Aug., 2025	Original

2 Contents

Page

Cover Page	1
1 Version	2
2 Contents.....	3
3 General Information.....	4
3.1 Client Information	4
3.2 General Description of E.U.T.	4
3.3 Test Mode and Environment	5
3.4 Description of Test Auxiliary Equipment	5
3.5 Measurement Uncertainty	5
3.6 Additions to, Deviations, or Exclusions from the Method	5
3.7 Laboratory Facility	6
3.8 Laboratory Location.....	6
3.9 Test Instruments List	6
4 Measurement Setup and Procedure	8
4.1 Test Channel	8
4.2 Test Setup	9
4.3 Test Procedure	11
5 Test Results.....	12
5.1 Summary	12
5.1.1 Clause and Data Summary.....	12
5.1.2 Test Limit.....	13
5.2 Antenna requirement.....	15
5.3 Unwanted Emissions	16

3 General Information

3.1 Client Information

Applicant:	Beijing LLVision Technology Co., Ltd.
Address:	501, 5th Floor, Building 8, No.10 Kegu 1st Street, BDA, BEIJING, CHINA
Manufacturer:	Beijing LLVision Technology Co., Ltd.
Address:	501, 5th Floor, Building 8, No.10 Kegu 1st Street, BDA, BEIJING, CHINA
Factory:	Suzhou Lingye Intelligent Technology Co., Ltd.
Address:	No. 2988 Taidong Road Huangdai Town, Xiangcheng District, Suzhou City, JiangSu PR China

3.2 General Description of E.U.T.

Product Name:	LEION HEY2 AR Glasses
Model No.:	G36A
Operation Frequency:	Band 1: 5150 MHz - 5250 MHz
	Band 2: 5250 MHz - 5350 MHz
	Band 3: 5470 MHz - 5725 MHz
	Band 4: 5725 MHz - 5850 MHz
Channel Numbers:	Band 1, 2: 4 , Band 3: 11, Band 4: 5 (802.11a, n-HT20, ac-VHT20, ax-HE20)
Modulation Technology: (IEEE 802.11a/802.11n)	OFDM-BPSK, QPSK, 16QAM, 64QAM
Modulation Technology: (IEEE 802.11ac)	OFDM-BPSK, QPSK, 16QAM, 64QAM, 256QAM
Modulation Technology: (IEEE 802.11ax)	OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM
Antenna Type:	Internal Antenna
Antenna Gain:	3.17 dBi (declare by applicant)
Antenna Transmit Mode:	SISO (1TX, 1RX)
Power Supply:	Rechargeable Li-ion Battery DC3.87V, 245mAh
Charging case:	Rechargeable Li-ion Battery DC3.6V, 3100mAh
	USB Input: DC 5V, 1A
	Magnetic PogoPin connector output: DC 5V, 0.4A
Test Sample Condition:	The test samples were provided in good working order with no visible defects.

3.3 Test Mode and Environment

Test Mode:	
Transmitting mode:	Keep the EUT in continuous transmitting with modulation
Per-scan all kind of data rate, the follow list were the worst case:	
Mode	Data rate
802.11a	6.0 Mbps
802.11n-HT20	6.5 Mbps
802.11ac-VHT20	6.5 Mbps
802.11ax-HE20	8.6 Mbps
Remark:	
1. For AC power line conducted emission and radiated spurious emission (below 1GHz), pre-scan 802.11a, n, ac, ax modulation mode, found 5.2GHz Wi-Fi ANT0 802.11a modulation and Lowes channel mode was worse case mode. The report only reflects the test data of worst mode. 2. Channel Low, Mid and High for each type band with rated data rate were chosen for full testing. The field strength of spurious radiation emission was measured as EUT stand-up position (H mode) and lie down position (E1, E2 mode) for these modes. Just the worst case position (H mode) shown in report.	
Operating Environment:	
Temperature:	15°C ~ 35°C
Humidity:	20 % ~ 75 % RH
Atmospheric Pressure:	1008 mbar
Voltage:	Nominal: 3.87Vdc, Extreme: Low 3.00Vdc, High 4.45Vdc
Test Engineer:	Hopper Li(Conducted measurement) Robin Gu (Radiated measurement)

3.4 Description of Test Auxiliary Equipment

The EUT has been tested as an independent unit.

3.5 Measurement Uncertainty

Parameter	Expanded Uncertainty (Confidence of 95%(U = 2Uc(y)))
Occupied Channel Bandwidth	0.250 MHz
RF output power, conducted	0.75dB
Power Spectral Density, conducted	±3.0 dB
Unwanted Emissions, conducted	2.86 dB
Radiated Emission (9kHz ~ 30MHz) (3m SAC)	±3.3 dB
Radiated Emission (30MHz ~ 200MHz) (3m SAC)	±4.6 dB
Radiated Emission (200MHz ~ 1000MHz) (3m SAC)	±5.8 dB
Radiated Emission (1GHz ~ 6GHz) (3m SAC)	±4.5 dB
Radiated Emission (6GHz ~ 18GHz) (3m SAC)	4.7 dB
Radiated Emission (18GHz ~ 40GHz) (3m SAC)	5.34 dB
Radiated Emission (30MHz ~ 1GHz) (3m FAR)	3.39 dB
Radiated Emission (1GHz ~ 18GHz) (3m FAR)	5.15 dB
Radiated Emission (18GHz ~ 40GHz) (3m FAR)	5.30 dB
Note: All the measurement uncertainty value were shown with a coverage k=2 to indicate 95% level of confidence. The measurement data show herein meets or exceeds the CISPR measurement uncertainty values specified in CISPR 16-4-2 and can be compared directly to specified limit to determine compliance.	

3.6 Additions to, Deviations, or Exclusions from the Method

No

3.7 Laboratory Facility

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

● **FCC - Designation No.: CN1211**

JianYan Testing Group Shenzhen Co., Ltd. has been accredited as a testing laboratory by FCC(Federal Communications Commission). The test firm Registration No. is 727551.

● **ISED – CAB identifier.: CN0021**

The 3m Semi-anechoic chamber and 10m Semi-anechoic chamber of JianYan Testing Group Shenzhen Co., Ltd. has been Registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 10106A-1.

● **CNAS - Registration No.: CNAS L15527**

JianYan Testing Group Shenzhen Co., Ltd. is accredited to ISO/IEC 17025:2017 General Requirements for the Competence of Testing and Calibration laboratories for the competence of testing. The Registration No. is CNAS L15527.

● **A2LA - Registration No.: 4346.01**

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories. The test scope can be found as below link: <https://portal.a2la.org/scopepdf/4346-01.pdf>

3.8 Laboratory Location

JianYan Testing Group Shenzhen Co., Ltd.

Address: No.101, Building 8, Innovation Wisdom Port, No.155 Hongtian Road, Huangpu Community, Xinqiao Street, Bao'an District, Shenzhen, Guangdong, People's Republic of China.

Tel: +86-755-23118282, Fax: +86-755-23116366

Email: info-JYTee@lets.com, Website: <http://jyt.lets.com>

3.9 Test Instruments List

Radiated Emission(3m SAC):					
Test Equipment	Manufacturer	Model No.	Manage No.	Cal. Date (mm-dd-yy)	Cal. Due date (mm-dd-yy)
3m SAC	ETS	9m*6m*6m	WXJ001-1	04-14-2021	04-13-2026
Loop Antenna	Schwarzbeck	FMZB 1519 B	WXJ002-4	01-03-2025	01-02-2026
BiConiLog Antenna	Schwarzbeck	VULB9163	WXJ002	01-03-2025	01-02-2026
Horn Antenna	Schwarzbeck	BBHA9120D	WXJ002-2	01-03-2025	01-02-2026
Horn Antenna	Schwarzbeck	BBHA9170	WXJ002-5	12-25-2024	12-24-2025
Pre-amplifier (30MHz ~ 1GHz)	Schwarzbeck	BBV9743B	WXJ001-2	12-16-2024	12-15-2025
Pre-amplifier (1GHz ~ 18GHz)	SKET	LNPA_0118G-50	WXJ001-3	12-16-2024	12-15-2025
Pre-amplifier (18GHz ~ 40GHz)	RF System	TRLA-180400G45B	WXJ002-7	12-16-2024	12-15-2025
EMI Test Receiver	Rohde & Schwarz	ESRP7	WXJ003-1	12-16-2024	12-15-2025
Spectrum Analyzer	Rohde & Schwarz	FSP 30	WXJ004	12-16-2024	12-15-2025
Spectrum Analyzer	KEYSIGHT	N9010B	WXJ004-2	09-09-2024	09-08-2025
Coaxial Cable (30MHz ~ 1GHz)	JYTSZ	JYT3M-1G-NN-8M	WXG001-4	01-15-2025	01-14-2026
Coaxial Cable (1GHz ~ 18GHz)	JYTSZ	JYT3M-18G-NN-8M	WXG001-5	01-15-2025	01-14-2026
Coaxial Cable (18GHz ~ 40GHz)	JYTSZ	JYT3M-40G-SS-8M	WXG001-7	01-15-2025	01-14-2026
Band Reject Filter Group	Tonscend	JS0806-F	WXJ089	N/A	
Test Software	Tonscend	TS+	Version: 3.0.0.1		

Radiated Emission(3m FAR):					
Test Equipment	Manufacturer	Model No.	Manage No.	Cal. Date (mm-dd-yy)	Cal. Due date (mm-dd-yy)
3m FAR	YUNYI	9m*6m*6m	WXJ097	06-15-2023	06-14-2028
BiConiLog Antenna	Schwarzbeck	VULB9163	WXJ097-2	04-24-2025	04-23-2026
Biconical Antenna	Schwarzbeck	VUBA9117	WXJ002-1	07-01-2024	06-30-2027
Horn Antenna	Schwarzbeck	BBHA9120D	WXJ097-3	05-23-2025	05-22-2026
Horn Antenna	Schwarzbeck	BBHA9120D	WXJ002-3	12-25-2024	12-24-2025
Horn Antenna	Schwarzbeck	BBHA9170	WXJ002-5	12-25-2024	12-24-2025
Horn Antenna	Schwarzbeck	BBHA9170	WXJ002-6	12-25-2024	12-24-2025
Pre-amplifier (30MHz ~ 1GHz)	YUNYI	PAM-310N	WXJ097-5	04-24-2024	04-23-2025
Pre-amplifier (1GHz ~ 18GHz)	YUNYI	PAM-118N	WXJ097-6	04-24-2024	04-23-2025
Pre-amplifier (18GHz ~ 40GHz)	RF System	TRLA-180400G45B	WXJ002-7	12-16-2024	12-15-2025
EMI Test Receiver	Rohde & Schwarz	ESCI3	WXJ003	12-16-2024	12-15-2025
Spectrum Analyzer	Rohde & Schwarz	FSP 30	WXJ004	12-16-2024	12-15-2025
Spectrum Analyzer	KEYSIGHT	N9020B	WXJ081-1	05-08-2025	05-07-2026
Coaxial Cable (30MHz ~ 1GHz)	JYTSZ	JYT3M-1G-NN-13M	WXG097-1	07-30-2024	07-29-2025
				07-28-2025	07-27-2026
Coaxial Cable (1GHz ~ 18GHz)	JYTSZ	JYT3M-18G-NN-8M	WXG097-2	07-30-2024	07-29-2025
				07-28-2025	07-27-2026
Coaxial Cable (18GHz ~ 40GHz)	JYTSZ	JYT3M-40G-SS-8M	WXG097-3	07-30-2024	07-29-2025
				07-28-2025	07-27-2026
High Band Reject Filter Group	Tonscend	JS0806-F	WXJ089	N/A	
Low Band Reject Filter Group	Tonscend	JS0806-F	WXJ097-4	N/A	
Test Software	Tonscend	TS+	Version: 5.0.0		

Conducted Method:					
Test Equipment	Manufacturer	Model No.	Manage No.	Cal. Date (mm-dd-yy)	Cal. Due date (mm-dd-yy)
Spectrum Analyzer	Keysight	N9010B	WXJ004-3	09-10-2024	09-09-2025
Temperature Humidity Chamber	ZHONG ZHI	CZ-A-80D	WXJ032-3	12-17-2024	12-16-2026
Power Detector Box	MWRFTTEST	MW100-PSB	WXJ007-4	09-10-2024	09-09-2025
RF Control Unit	MWRFTTEST	MW100-RFCB	WXG006	N/A	
RF Switch	TOP PRECISION	RSU0301	WXG003	N/A	
DC Power Supply	Keysight	E3642A	WXJ025-2	N/A	
Test Software	MWRFTTEST	MTS 8310	Version: 2.0.0.0		

4 Measurement Setup and Procedure

4.1 Test Channel

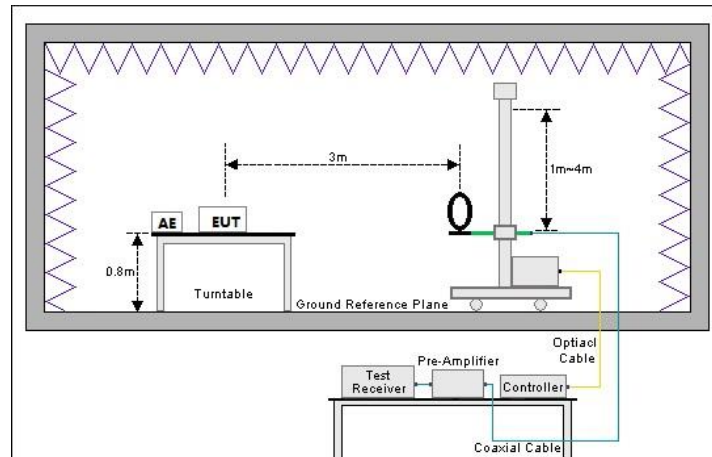
According to ANSI C63.10-2020 chapter 5.6.1 Table 4 requirement, select lowest channel, middle channel, and highest channel in the frequency range in which device operates for testing. The detailed frequency points are as follows:

Operation frequency: 5150 MHz – 5250 MHz						
Modulation mode	Lowest channel		Middle channel		Highest channel	
	Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)
802.11a, n-HT20, ac-VHT20, ax-HE20	36	5180	40	5200	48	5240
Operation frequency: 5250 MHz – 5350 MHz						
Modulation mode	Lowest channel		Middle channel		Highest channel	
	Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)
802.11a, n-HT20, ac-VHT20, ax-HE20	52	5260	56	5280	64	5320
Operation frequency: 5470 MHz – 5725 MHz						
Modulation mode	Lowest channel		Middle channel		Highest channel	
	Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)
802.11a, n-HT20, ac-VHT20, ax-HE20	100	5500	112	5560	140	5700
Operation frequency: 5725 MHz – 5850 MHz						
Modulation mode	Lowest channel		Middle channel		Highest channel	
	Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)
802.11a, n-HT20, ac-VHT20, ax-HE20	149	5745	157	5785	165	5825

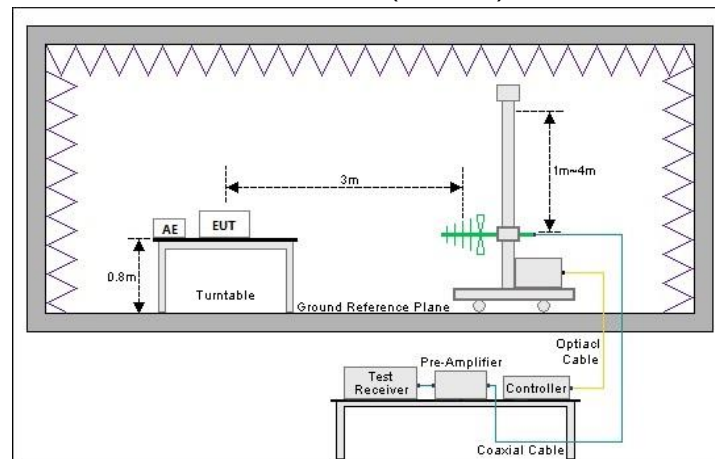
4.2 Test Setup

1) Radiated emission measurement:

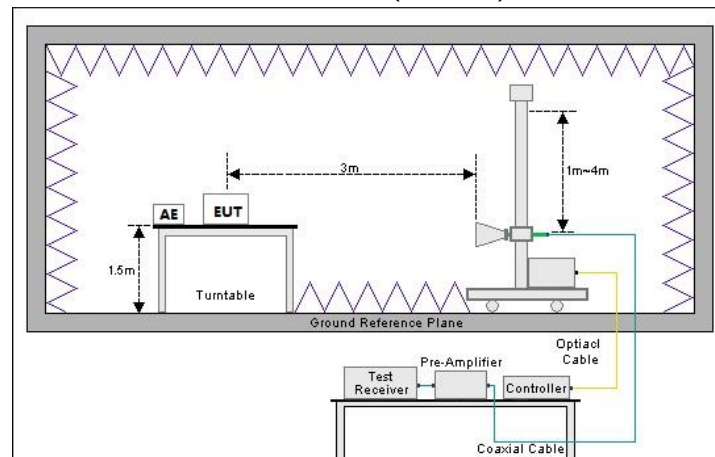
Below 30MHz (3m SAC)



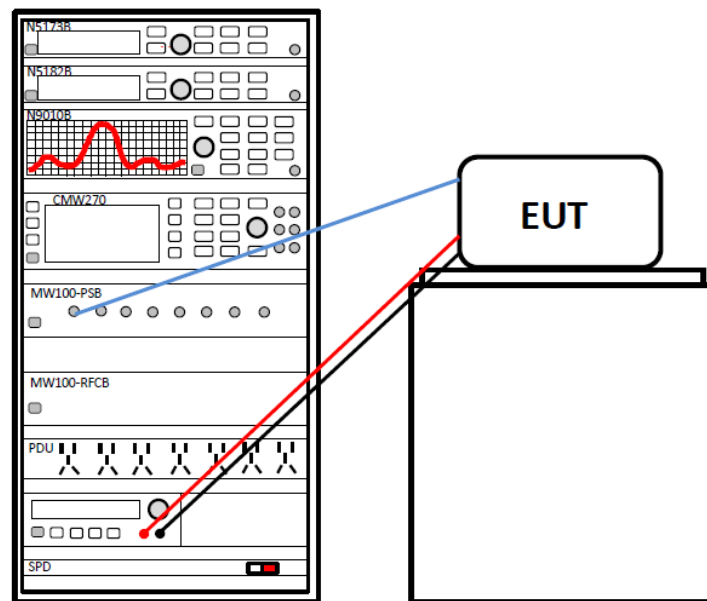
Below 1GHz (3m SAC)



Above 1GHz (3m FAR)



2) Conducted test method



4.3 Test Procedure

Test method	Test step
Radiated emission	For below 30MHz: 1. The EUT was placed on the table top of a rotating table 0.8 m the ground at a 3 m semi anechoic chamber. The measurement distance from the EUT to the receiving antenna is 3 m. 2. EUT works in each mode of operation that needs to be tested , and having the EUT continuously working, respectively on 3 axis (X, Y & Z) and considered typical configuration to obtain worst position. The highest signal levels relative to the limit shall be determined by rotating the EUT from 0° to 360° and with varying the measurement antenna height between 1 m and 4 m in vertical and horizontal polarizations. 3. Open the test software to control the test antenna and test turntable. Perform the test, save the test results, and export the test data. For below 1GHz: 1. The EUT was placed on the tabletop of a rotating table 0.8 m the ground at a 3 m or 10 m semi anechoic chamber. The measurement distance from the EUT to the receiving antenna is 3 m or 10 m. 2. EUT works in each mode of operation that needs to be tested , and having the EUT continuously working, respectively on 3 axis (X, Y & Z) and considered typical configuration to obtain worst position. The highest signal levels relative to the limit shall be determined by rotating the EUT from 0° to 360° and with varying the measurement antenna height between 1 m and 4 m in vertical and horizontal polarizations. 3. Open the test software to control the test antenna and test turntable. Perform the test, save the test results, and export the test data. For above 1GHz: 1. The EUT was placed on the tabletop of a rotating table 1.5 m the ground at a 3 m fully anechoic room. The measurement distance from the EUT to the receiving antenna is 3 m. 2. EUT works in each mode of operation that needs to be tested , and having the EUT continuously working, respectively on 3 axis (X, Y & Z) and considered typical configuration to obtain worst position. The highest signal levels relative to the limit shall be determined by rotating the EUT from 0° to 360° and with varying the measurement antenna height between 1 m and 4 m in vertical and horizontal polarizations. 3. Open the test software to control the test antenna and test turntable. Perform the test, save the test results, and export the test data.
Conducted test method	1. The Wi-Fi antenna port of EUT was connected to the test port of the test system through an RF cable. 2. The EUT is keeping in continuous transmission mode and tested in all modulation modes. 3. Open the test software, prepare a test plan, and control the system through the software. After the test is completed, the test report is exported through the test software.

5 Test Results

5.1 Summary

5.1.1 Clause and Data Summary

Test items	Standard clause	Test Method	Test data	Result
Antenna Requirement	15.203	/	See Section 5.2	Pass
AC Power Line Conducted Emission	15.207 15.407 (b)(9)	ANSI C63.10 clause 6.2	N/A	N/A
Duty Cycle	ANSI C63.10-2013	ANSI C63.10 clause 12.2	Appendix – 5.2G Wi-Fi Appendix – 5.3G Wi-Fi Appendix – 5.6G Wi-Fi Appendix – 5.8G Wi-Fi	Pass
Conducted Peak Output Power Power Spectral Density	15.407 (a)(1)(iv), (a)(2), (a)(3)(i)	ANSI C63.10 clause 12.3.3.1, ANSI C63.10 clause 12.5	Appendix – 5.2G Wi-Fi Appendix – 5.3G Wi-Fi Appendix – 5.6G Wi-Fi Appendix – 5.8G Wi-Fi	Pass
26dB Emission Bandwidth 99% Occupied Bandwidth	15.407 (a)(12)	ANSI C63.10 clause 12.4.1, ANSI C63.10 clause 6.9.3	Appendix – 5.2G Wi-Fi Appendix – 5.3G Wi-Fi Appendix – 5.6G Wi-Fi Appendix – 5.8G Wi-Fi	Pass
6dB Emission Bandwidth	15.407 (e)	ANSI C63.10 clause 12.4.1	Appendix – 5.2G Wi-Fi Appendix – 5.3G Wi-Fi Appendix – 5.6G Wi-Fi Appendix – 5.8G Wi-Fi	Pass
Unwanted Emissions	15.205 15.209 15.407 (b)(1), (2), (3), (4), (9), (10)	ANSI C63.10 clause 6.3, 6.5, 6.6 and 6.10.5	See Section 5.3	Pass
Frequency Stability	15.407 (g)	KDB 905462 D02	Appendix – 5.2G Wi-Fi Appendix – 5.3G Wi-Fi Appendix – 5.6G Wi-Fi Appendix – 5.8G Wi-Fi	Pass
Dynamic frequency selection	15.407 (h)(2)	See DFS Report:	See DFS Report: JYTSZ-R12-2501238	Pass
Remark: 1. Pass: The EUT complies with the essential requirements in the standard. 2. N/A: not Applicable, EUT cannot work while charging. 3. The cable insertion loss used by "RF Output Power" and other conduction measurement items is 1.0dB (provided by the customer).				
Test Method:	ANSI C63.10-2020 KDB 789033 D02 General U-NII Test Procedures New Rules v02r01			

5.1.2 Test Limit

Test items	Limit
Conducted Peak Output Power Power Spectral Density	For the 5.15-5.25 GHz band: For client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. For the 5.25-5.35 GHz and 5.47-5.725 GHz bands: The maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. For the band 5.725-5.895 GHz: For the band 5.725-5.850 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, Fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.
26dB Emission Bandwidth 99% Occupied Bandwidth	N/A
6dB Emission Bandwidth	Within the 5.725-5.850 GHz and 5.850-5.895 GHz bands, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz.

Unwanted Emissions	(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 solely in the 5.725-5.850 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. (5) Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in § 15.209. The provisions of § 15.205 apply to intentional radiators operating under this section: <table><tr><th rowspan="2">Frequency (MHz)</th><th colspan="2">Limit (dBμV/m)</th><th rowspan="2">Detector</th></tr><tr><th>@ 3m</th><th>@ 10m</th></tr><tr><td>30 – 88</td><td>40.0</td><td>30.0</td><td>Quasi-peak</td></tr><tr><td>88 – 216</td><td>43.5</td><td>33.5</td><td>Quasi-peak</td></tr><tr><td>216 – 960</td><td>46.0</td><td>36.0</td><td>Quasi-peak</td></tr><tr><td>960 – 1000</td><td>54.0</td><td>44.0</td><td>Quasi-peak</td></tr></table> Note: The more stringent limit applies at transition frequencies. <table><tr><th rowspan="2">Frequency</th><th colspan="2">Limit (dBμV/m) @ 3m</th></tr><tr><th>Average</th><th>Peake</th></tr><tr><td>Above 1 GHz</td><td>54.0</td><td>74.0</td></tr></table> Note: The measurement bandwidth shall be 1 MHz or greater.	Frequency (MHz)	Limit (dBμV/m)		Detector	@ 3m	@ 10m	30 – 88	40.0	30.0	Quasi-peak	88 – 216	43.5	33.5	Quasi-peak	216 – 960	46.0	36.0	Quasi-peak	960 – 1000	54.0	44.0	Quasi-peak	Frequency	Limit (dBμV/m) @ 3m		Average	Peake	Above 1 GHz	54.0	74.0
Frequency (MHz)	Limit (dBμV/m)		Detector																												
	@ 3m	@ 10m																													
30 – 88	40.0	30.0	Quasi-peak																												
88 – 216	43.5	33.5	Quasi-peak																												
216 – 960	46.0	36.0	Quasi-peak																												
960 – 1000	54.0	44.0	Quasi-peak																												
Frequency	Limit (dBμV/m) @ 3m																														
	Average	Peake																													
Above 1 GHz	54.0	74.0																													
Frequency Stability	Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the users manual.																														

5.2 Antenna requirement

Standard requirement:	FCC Part 15 C Section 15.203
15.203 requirement: An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.	
E.U.T Antenna:	
The Wi-Fi antenna is an internal antenna which cannot replace by end-user, the best case gain of the antenna is 3.17 dBi. See product internal photos for details.	

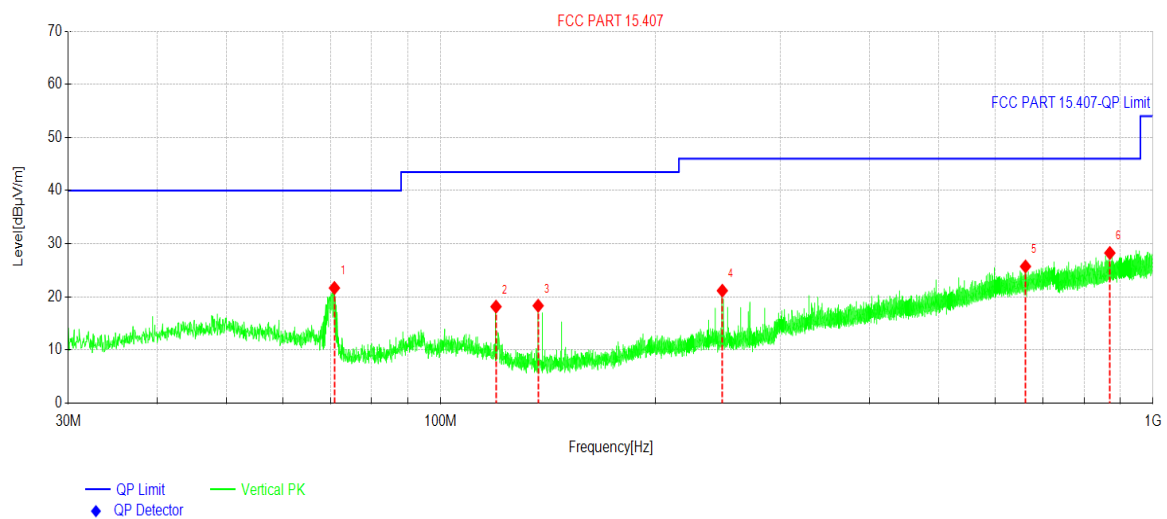
5.3 Unwanted Emissions

Below 30MHz:

Test Frequency from 9kHz to 30MHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report.

Below 1GHz:

Product Name:	LEION HEY2 AR Glasses	Product Model:	G36A
Test By:	Kiran Zeng	Test mode:	5G Wi-Fi mode
Test Frequency:	30 MHz ~ 1 GHz	Polarization:	Vertical
Test Voltage:	DC 3.87V		



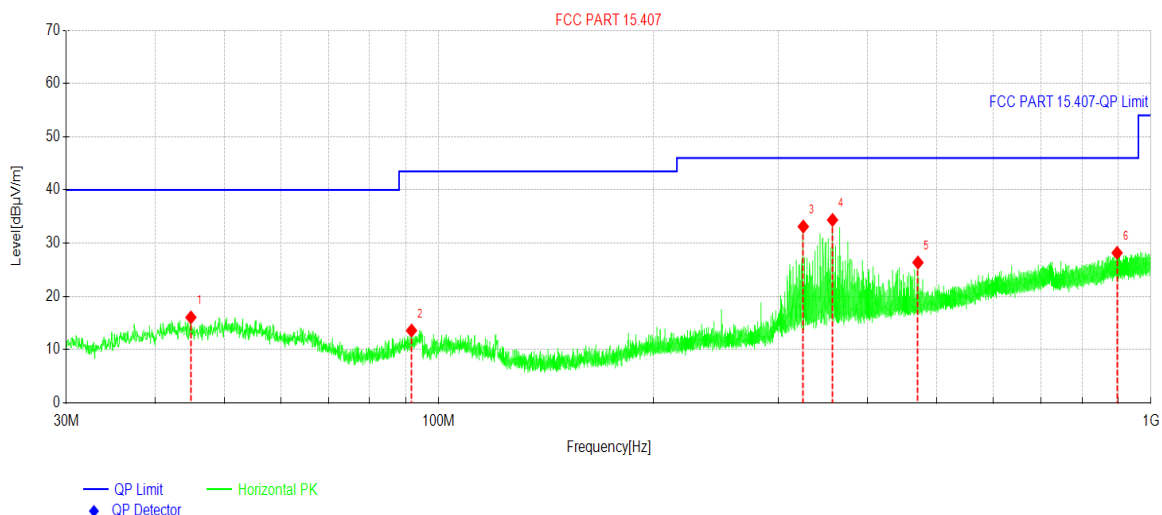
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Trace	Polarity
1	70.9360	38.68	-17.01	21.67	40.00	18.33	PK	Vertical
2	119.5840	34.30	-16.14	18.16	43.50	25.34	PK	Vertical
3	137.0449	36.13	-17.80	18.33	43.50	25.17	PK	Vertical
4	248.5519	34.79	-13.62	21.17	46.00	24.83	PK	Vertical
5	662.1806	31.43	-5.71	25.72	46.00	20.28	PK	Vertical
6	869.8195	31.14	-2.88	28.26	46.00	17.74	PK	Vertical

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor).

Product Name:	LEION HEY2 AR Glasses	Product Model:	G36A
Test By:	Kiran Zeng	Test mode:	5G Wi-Fi mode
Test Frequency:	30 MHz ~ 1 GHz	Polarization:	Horizontal
Test Voltage:	DC 3.87V		



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Trace	Polarity
1	44.8902	28.51	-12.45	16.06	40.00	23.94	PK	Horizontal
2	91.5981	29.28	-15.69	13.59	43.50	29.91	PK	Horizontal
3	324.9918	45.25	-12.13	33.12	46.00	12.88	PK	Horizontal
4	357.1974	45.62	-11.26	34.36	46.00	11.64	PK	Horizontal
5	470.8385	35.72	-9.35	26.37	46.00	19.63	PK	Horizontal
6	896.2048	30.47	-2.29	28.18	46.00	17.82	PK	Horizontal

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Preamplifier Factor).

Above 1GHz

Band 1: 5150 MHz - 5250 MHz, 802.11a						
Test channel: Lowest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
5150.00	41.75	19.72	61.47	74.00	12.53	Vertical
10360.00	46.56	1.40	47.96	68.20	20.24	Vertical
5150.00	42.04	19.72	61.76	74.00	12.24	Horizontal
10360.00	46.02	1.40	47.42	68.20	20.78	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
5150.00	30.84	19.72	50.56	54.00	3.44	Vertical
5150.00	31.42	19.72	51.14	54.00	2.86	Horizontal
Test channel: Middle channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
10400.00	46.28	2.45	48.73	68.20	19.47	Vertical
10400.00	46.49	2.45	48.94	68.20	19.26	Horizontal
Test channel: Highest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
5350.00	42.64	19.53	62.17	74.00	11.83	Vertical
10480.00	46.62	2.74	49.36	68.20	18.84	Vertical
5350.00	41.24	19.53	60.77	74.00	13.23	Horizontal
10480.00	46.76	2.74	49.50	68.20	18.70	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
5350.00	30.54	19.53	50.07	54.00	3.93	Vertical
5350.00	30.64	19.53	50.17	54.00	3.83	Horizontal
Remark: 1. Level = Reading + Factor. 2. Test Frequency up to 40GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report.						

Band 1: 5150 MHz - 5250 MHz, 802.11n-HT20						
Test channel: Lowest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
5150.00	42.38	19.72	62.10	74.00	11.90	Vertical
10360.00	46.43	1.40	47.83	68.20	20.37	Vertical
5150.00	41.97	19.72	61.69	74.00	12.31	Horizontal
10360.00	46.77	1.40	48.17	68.20	20.03	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
5150.00	30.78	19.72	50.50	54.00	3.50	Vertical
5150.00	31.11	19.72	50.83	54.00	3.17	Horizontal
Test channel: Middle channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
10400.00	46.40	2.45	48.85	68.20	19.35	Vertical
10400.00	46.66	2.45	49.11	68.20	19.09	Horizontal
Test channel: Highest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
5350.00	41.47	19.53	61.00	74.00	13.00	Vertical
10480.00	46.45	2.74	49.19	68.20	19.01	Vertical
5350.00	41.84	19.53	61.37	74.00	12.63	Horizontal
10480.00	46.78	2.74	49.52	68.20	18.68	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
5350.00	30.45	19.53	49.98	54.00	4.02	Vertical
5350.00	30.91	19.53	50.44	54.00	3.56	Horizontal
Remark: 1. Level = Reading + Factor. 2. Test Frequency up to 40GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report.						

Band 1: 5150 MHz - 5250 MHz, 802.11ac-VHT20						
Test channel: Lowest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
5150.00	41.05	19.72	60.77	74.00	13.23	Vertical
10360.00	46.72	1.40	48.12	68.20	20.08	Vertical
5150.00	41.78	19.72	61.50	74.00	12.50	Horizontal
10360.00	46.43	1.40	47.83	68.20	20.37	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
5150.00	30.62	19.72	50.34	54.00	3.66	Vertical
5150.00	31.25	19.72	50.97	54.00	3.03	Horizontal
Test channel: Middle channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
10400.00	46.53	2.45	48.98	68.20	19.22	Vertical
10400.00	46.69	2.45	49.14	68.20	19.06	Horizontal
Test channel: Highest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
5350.00	42.00	19.53	61.53	74.00	12.47	Vertical
10480.00	46.24	2.74	48.98	68.20	19.22	Vertical
5350.00	41.61	19.53	61.14	74.00	12.86	Horizontal
10480.00	46.77	2.74	49.51	68.20	18.69	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
5350.00	30.25	19.53	49.78	54.00	4.22	Vertical
5350.00	31.04	19.53	50.57	54.00	3.43	Horizontal
Remark: 1. Level = Reading + Factor. 2. Test Frequency up to 40GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report.						

Band 1: 5150 MHz - 5250 MHz, 802.11ax-HE20						
Test channel: Lowest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
5150.00	41.94	19.72	61.66	74.00	12.34	Vertical
10360.00	46.73	1.40	48.13	68.20	20.07	Vertical
5150.00	42.01	19.72	61.73	74.00	12.27	Horizontal
10360.00	46.76	1.40	48.16	68.20	20.04	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
5150.00	30.47	19.72	50.19	54.00	3.81	Vertical
5150.00	31.11	19.72	50.83	54.00	3.17	Horizontal
Test channel: Middle channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
10400.00	46.59	2.45	49.04	68.20	19.16	Vertical
10400.00	46.26	2.45	48.71	68.20	19.49	Horizontal
Test channel: Highest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
5350.00	41.31	19.53	60.84	74.00	13.16	Vertical
10480.00	46.30	2.74	49.04	68.20	19.16	Vertical
5350.00	40.96	19.53	60.49	74.00	13.51	Horizontal
10480.00	46.58	2.74	49.32	68.20	18.88	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
5350.00	30.55	19.53	50.08	54.00	3.92	Vertical
5350.00	30.93	19.53	50.46	54.00	3.54	Horizontal
Remark: 1. Level = Reading + Factor. 2. Test Frequency up to 40GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report.						

Band 2: 5250 MHz - 5350 MHz, 802.11a						
Test channel: Lowest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
5150.00	41.75	19.72	61.47	74.00	12.53	Vertical
10520.00	47.86	2.61	50.47	68.20	17.73	Vertical
5150.00	42.13	19.72	61.85	74.00	12.15	Horizontal
10520.00	46.64	2.61	49.25	68.20	18.95	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
5150.00	31.21	19.72	50.93	54.00	3.07	Vertical
5150.00	31.41	19.72	51.13	54.00	2.87	Horizontal
Test channel: Middle channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
10560.00	47.13	1.68	48.81	68.20	19.39	Vertical
10560.00	46.59	1.68	48.27	68.20	19.93	Horizontal
Test channel: Highest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
5350.00	40.86	19.53	60.39	74.00	13.61	Vertical
10640.00	46.85	2.76	49.61	74.00	24.39	Vertical
5350.00	41.73	19.53	61.26	74.00	12.74	Horizontal
10640.00	46.76	2.76	49.52	74.00	24.48	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
5350.00	30.29	19.53	49.82	54.00	4.18	Vertical
10640.00	37.48	2.76	40.24	54.00	13.76	Vertical
5350.00	30.51	19.53	50.04	54.00	3.96	Horizontal
10640.00	37.65	2.76	40.41	54.00	13.59	Horizontal
Remark: 1. Level = Reading + Factor. 2. Test Frequency up to 40GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report.						

Band 2: 5250 MHz - 5350 MHz, 802.11n-HT20						
Test channel: Lowest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
5150.00	42.57	19.72	62.29	74.00	11.71	Vertical
10520.00	46.61	2.61	49.22	68.20	18.98	Vertical
5150.00	41.91	19.72	61.63	74.00	12.37	Horizontal
10520.00	47.01	2.61	49.62	68.20	18.58	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
5150.00	31.09	19.72	50.81	54.00	3.19	Vertical
5150.00	31.39	19.72	51.11	54.00	2.89	Horizontal
Test channel: Middle channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
10560.00	46.61	1.68	48.29	68.20	19.91	Vertical
10560.00	46.69	1.68	48.37	68.20	19.83	Horizontal
Test channel: Highest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
5350.00	40.74	19.53	60.27	74.00	13.73	Vertical
10640.00	46.63	2.76	49.39	74.00	24.61	Vertical
5350.00	41.03	19.53	60.56	74.00	13.44	Horizontal
10640.00	47	2.76	49.76	74.00	24.24	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
5350.00	30.29	19.53	49.82	54.00	4.18	Vertical
10640.00	37.58	2.76	40.34	54.00	13.66	Vertical
5350.00	30.68	19.53	50.21	54.00	3.79	Horizontal
10640.00	37.30	2.76	40.06	54.00	13.94	Horizontal
Remark: 1. Level = Reading + Factor. 2. Test Frequency up to 40GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report.						

Band 2: 5250 MHz - 5350 MHz, 802.11ac-VHT20						
Test channel: Lowest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
5150.00	42	19.72	61.72	74.00	12.28	Vertical
10520.00	46.77	2.61	49.38	68.20	18.82	Vertical
5150.00	42.77	19.72	62.49	74.00	11.51	Horizontal
10520.00	46.55	2.61	49.16	68.20	19.04	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
5150.00	30.99	19.72	50.71	54.00	3.29	Vertical
5150.00	31.48	19.72	51.20	54.00	2.80	Horizontal
Test channel: Middle channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
10560.00	47.01	1.68	48.69	68.20	19.51	Vertical
10560.00	46.67	1.68	48.35	68.20	19.85	Horizontal
Test channel: Highest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
5350.00	41.86	19.53	61.39	74.00	12.61	Vertical
10640.00	47.26	2.76	50.02	74.00	23.98	Vertical
5350.00	41.25	19.53	60.78	74.00	13.22	Horizontal
10640.00	46.86	2.76	49.62	74.00	24.38	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
5350.00	30.37	19.53	49.90	54.00	4.10	Vertical
10640.00	37.73	2.76	40.49	54.00	13.51	Vertical
5350.00	30.41	19.53	49.94	54.00	4.06	Horizontal
10640.00	37.74	2.76	40.50	54.00	13.50	Horizontal
Remark: 1. Level = Reading + Factor. 2. Test Frequency up to 40GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report.						

Band 2: 5250 MHz - 5350 MHz, 802.11ax-HE20						
Test channel: Lowest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
5150.00	42.62	19.72	62.34	74.00	11.66	Vertical
10520.00	47.17	2.61	49.78	68.20	18.42	Vertical
5150.00	42.41	19.72	62.13	74.00	11.87	Horizontal
10520.00	46.86	2.61	49.47	68.20	18.73	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
5150.00	31.25	19.72	50.97	54.00	3.03	Vertical
5150.00	31.39	19.72	51.11	54.00	2.89	Horizontal
Test channel: Middle channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
10560.00	47.01	1.68	48.69	68.20	19.51	Vertical
10560.00	47.29	1.68	48.97	68.20	19.23	Horizontal
Test channel: Highest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
5350.00	41.22	19.53	60.75	74.00	13.25	Vertical
10640.00	46.80	2.76	49.56	74.00	24.44	Vertical
5350.00	42.61	19.53	62.14	74.00	11.86	Horizontal
10640.00	47.02	2.76	49.78	74.00	24.22	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
5350.00	30.26	19.53	49.79	54.00	4.21	Vertical
10640.00	37.23	2.76	39.99	54.00	14.01	Vertical
5350.00	30.33	19.53	49.86	54.00	4.14	Horizontal
10640.00	37.54	2.76	40.30	54.00	13.70	Horizontal
Remark: 1. Level = Reading + Factor. 2. Test Frequency up to 40GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report.						

Band 3: 5470 MHz - 5725 MHz, 802.11a						
Test channel: Lowest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
5470.00	36.15	20.52	56.67	68.20	11.53	Vertical
11000.00	48.56	2.54	51.10	74.00	22.90	Vertical
5470.00	39.21	20.52	59.73	68.20	8.47	Horizontal
11000.00	46.70	2.54	49.24	74.00	24.76	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
11000.00	38.12	2.54	40.66	54.00	13.34	Vertical
11000.00	37.61	2.54	40.15	54.00	13.85	Horizontal
Test channel: Middle channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
11120.00	47.51	1.72	49.23	74.00	24.77	Vertical
11120.00	47.73	1.72	49.45	74.00	24.55	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
11120.00	37.03	1.72	38.75	54.00	15.25	Vertical
11120.00	36.28	1.72	38.00	54.00	16.00	Horizontal
Test channel: Highest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
5725.00	37.41	20.99	58.40	68.20	9.80	Vertical
11400.00	47.47	1.96	49.43	74.00	24.57	Vertical
5725.00	42.39	20.99	63.38	68.20	4.82	Horizontal
11400.00	47.51	1.96	49.47	74.00	24.53	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
11400.00	37.57	1.96	39.53	54.00	14.47	Vertical
11400.00	36.31	1.96	38.27	54.00	15.73	Horizontal
Remark: 1. Level = Reading + Factor. 2. Test Frequency up to 40GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report.						

Band 3: 5470 MHz - 5725 MHz, 802.11n-HT20						
Test channel: Lowest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
5470.00	36.85	20.52	57.37	68.20	10.83	Vertical
11000.00	47.57	2.64	50.21	74.00	23.79	Vertical
5470.00	36.53	20.52	57.05	68.20	11.15	Horizontal
11000.00	47.44	2.64	50.08	74.00	23.92	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
11000.00	37.03	2.64	39.67	54.00	14.33	Vertical
11000.00	36.63	2.64	39.27	54.00	14.73	Horizontal
Test channel: Middle channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
11120.00	47.77	1.72	49.49	74.00	24.51	Vertical
11120.00	47.69	1.72	49.41	74.00	24.59	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
11120.00	37.26	1.72	38.98	54.00	15.02	Vertical
11120.00	36.57	1.72	38.29	54.00	15.71	Horizontal
Test channel: Highest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
5725.00	36.98	20.99	57.97	68.20	10.23	Vertical
11400.00	47.38	1.96	49.34	74.00	24.66	Vertical
5725.00	41.72	20.99	62.71	68.20	5.49	Horizontal
11400.00	47.36	1.96	49.32	74.00	24.68	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
11400.00	37.53	1.96	39.49	54.00	14.51	Vertical
11400.00	36.65	1.96	38.61	54.00	15.39	Horizontal
Remark: 1. Level = Reading + Factor. 2. Test Frequency up to 40GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report.						

Band 3: 5470 MHz - 5725 MHz, 802.11ac-VHT20						
Test channel: Lowest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
5470.00	37.18	20.52	57.70	68.20	10.50	Vertical
11000.00	47.62	2.64	50.26	74.00	23.74	Vertical
5470.00	37.07	20.52	57.59	68.20	10.61	Horizontal
11000.00	47.54	2.64	50.18	74.00	23.82	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
11000.00	37.32	2.64	39.96	54.00	14.04	Vertical
11000.00	36.79	2.64	39.43	54.00	14.57	Horizontal
Test channel: Middle channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
11120.00	47.78	1.72	49.50	74.00	24.50	Vertical
11120.00	47.72	1.72	49.44	74.00	24.56	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
11120.00	37.08	1.72	38.80	54.00	15.20	Vertical
11120.00	36.41	1.72	38.13	54.00	15.87	Horizontal
Test channel: Highest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
5725.00	37.11	20.99	58.10	68.20	10.10	Vertical
11400.00	47.24	1.96	49.20	74.00	24.80	Vertical
5725.00	41.11	20.99	62.10	68.20	6.10	Horizontal
11400.00	47.27	1.96	49.23	74.00	24.77	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
11400.00	37.39	1.96	39.35	54.00	14.65	Vertical
11400.00	36.50	1.96	38.46	54.00	15.54	Horizontal
Remark: 1. Level = Reading + Factor. 2. Test Frequency up to 40GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report.						

Band 3: 5470 MHz - 5725 MHz, 802.11ax-HE20						
Test channel: Lowest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
5470.00	38.12	20.52	58.64	68.20	9.56	Vertical
11000.00	47.46	2.64	50.10	74.00	23.90	Vertical
5470.00	38.30	20.52	58.82	68.20	9.38	Horizontal
11000.00	47.60	2.64	50.24	74.00	23.76	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
11000.00	37.24	2.64	39.88	54.00	14.12	Vertical
11000.00	36.22	2.64	38.86	54.00	15.14	Horizontal
Test channel: Middle channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
11120.00	47.72	1.72	49.44	74.00	24.56	Vertical
11120.00	47.45	1.72	49.17	74.00	24.83	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
11120.00	37.29	1.72	39.01	54.00	14.99	Vertical
11120.00	36.78	1.72	38.50	54.00	15.50	Horizontal
Test channel: Highest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
5725.00	37.93	20.99	58.92	68.20	9.28	Vertical
11400.00	47.53	1.96	49.49	74.00	24.51	Vertical
5725.00	42.35	20.99	63.34	68.20	4.86	Horizontal
11400.00	47.28	1.96	49.24	74.00	24.76	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
11400.00	37.12	1.96	39.08	54.00	14.92	Vertical
11400.00	36.41	1.96	38.37	54.00	15.63	Horizontal
Remark: 1. Level = Reading + Factor. 2. Test Frequency up to 40GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report.						

Band 4: 5725 MHz - 5825 MHz, 802.11a						
Test channel: Lowest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
5650.00	42.97	20.51	63.48	68.20	4.72	Vertical
5700.00	41.84	21.28	63.12	105.20	42.08	Vertical
5720.00	47.83	21.05	68.88	110.80	41.92	Vertical
5725.00	58.95	20.99	79.94	122.20	42.26	Vertical
11490.00	48.26	1.76	50.02	74.00	23.98	Vertical
5650.00	42.80	20.51	63.31	68.20	4.89	Horizontal
5700.00	42.00	21.28	63.28	105.20	41.92	Horizontal
5720.00	48.86	21.05	69.91	110.80	40.89	Horizontal
5725.00	59.57	20.99	80.56	122.20	41.64	Horizontal
11490.00	47.27	1.76	49.03	74.00	24.97	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
11490.00	37.92	1.76	39.68	54.00	14.32	Vertical
11490.00	37.39	1.76	39.15	54.00	14.85	Horizontal
Test channel: Middle channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
11570.00	47.38	2.74	50.12	74.00	23.88	Vertical
11570.00	47.62	2.74	50.36	74.00	23.64	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
11570.00	37.18	2.74	39.92	54.00	14.08	Vertical
11570.00	37.24	2.74	39.98	54.00	14.02	Horizontal
Remark: 1. Level = Reading + Factor. 2. Test Frequency up to 40GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report.						

Test channel: Highest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
5850.00	41.16	20.51	61.67	122.20	60.53	Vertical
5855.00	41.39	21.28	62.67	110.80	48.13	Vertical
5875.00	40.19	21.05	61.24	105.20	43.96	Vertical
5925.00	40.41	20.99	61.40	68.20	6.80	Vertical
11650.00	47.55	2.00	49.55	74.00	24.45	Vertical
5850.00	41.38	20.80	62.18	122.20	60.02	Horizontal
5855.00	40.32	20.85	61.17	110.80	49.63	Horizontal
5875.00	41.29	21.06	62.35	105.20	42.85	Horizontal
5925.00	39.99	21.40	61.39	68.20	6.81	Horizontal
11650.00	47.72	2.00	49.72	74.00	24.28	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
11650.00	37.03	2.00	39.03	54.00	14.97	Vertical
11650.00	37.55	2.00	39.55	54.00	14.45	Horizontal
Remark: 1. Level = Reading + Factor. 2. Test Frequency up to 40GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report.						

Band 4: 5725 MHz - 5825 MHz, 802.11n-HT20						
Test channel: Lowest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
5650.00	42.71	20.51	63.22	68.20	4.98	Vertical
5700.00	42.53	21.28	63.81	105.20	41.39	Vertical
5720.00	47.26	21.05	68.31	110.80	42.49	Vertical
5725.00	61.35	20.99	82.34	122.20	39.86	Vertical
11490.00	47.66	1.76	49.42	74.00	24.58	Vertical
5650.00	42.46	20.51	62.97	68.20	5.23	Horizontal
5700.00	42.89	21.28	64.17	105.20	41.03	Horizontal
5720.00	49.60	21.05	70.65	110.80	40.15	Horizontal
5725.00	62.58	20.99	83.57	122.20	38.63	Horizontal
11490.00	47.49	1.76	49.25	74.00	24.75	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
11490.00	37.24	1.76	39.00	54.00	15.00	Vertical
11490.00	37.46	1.76	39.22	54.00	14.78	Horizontal
Test channel: Middle channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
11570.00	47.28	2.74	50.02	74.00	23.98	Vertical
11570.00	47.43	2.74	50.17	74.00	23.83	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
11570.00	37.03	2.74	39.77	54.00	14.23	Vertical
11570.00	37.47	2.74	40.21	54.00	13.79	Horizontal
Remark: 1. Level = Reading + Factor. 2. Test Frequency up to 40GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report.						

Test channel: Highest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
5850.00	40.82	20.51	61.33	122.20	60.87	Vertical
5855.00	40.41	21.28	61.69	110.80	49.11	Vertical
5875.00	40.45	21.05	61.50	105.20	43.70	Vertical
5925.00	40.32	20.99	61.31	68.20	6.89	Vertical
11650.00	47.20	2.00	49.20	74.00	24.80	Vertical
5850.00	42.23	20.80	63.03	122.20	59.17	Horizontal
5855.00	41.25	20.85	62.10	110.80	48.70	Horizontal
5875.00	39.62	21.06	60.68	105.20	44.52	Horizontal
5925.00	40.05	21.40	61.45	68.20	6.75	Horizontal
11650.00	47.47	2.00	49.47	74.00	24.53	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
11650.00	37.22	2.00	39.22	54.00	14.78	Vertical
11650.00	37.44	2.00	39.44	54.00	14.56	Horizontal
Remark: 1. Level = Reading + Factor. 2. Test Frequency up to 40GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report.						

Band 4: 5725 MHz - 5825 MHz, 8802.11ac-VHT20						
Test channel: Lowest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
5650.00	42.55	20.81	63.36	68.20	4.84	Vertical
5700.00	42.39	21.58	63.97	105.20	41.23	Vertical
5720.00	49.25	21.35	70.60	110.80	40.20	Vertical
5725.00	61.02	21.29	82.31	122.20	39.89	Vertical
11490.00	47.57	1.76	49.33	74.00	24.67	Vertical
5650.00	42.71	20.81	63.52	68.20	4.68	Horizontal
5700.00	42.41	21.58	63.99	105.20	41.21	Horizontal
5720.00	49.49	21.35	70.84	110.80	39.96	Horizontal
5725.00	62.47	21.29	83.76	122.20	38.44	Horizontal
11490.00	47.38	1.76	49.14	74.00	24.86	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
11490.00	37.19	1.76	38.95	54.00	15.05	Vertical
11490.00	37.61	1.76	39.37	54.00	14.63	Horizontal
Test channel: Middle channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
11570.00	47.67	2.74	50.41	74.00	23.59	Vertical
11570.00	47.28	2.74	50.02	74.00	23.98	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
11570.00	37.16	2.74	39.90	54.00	14.10	Vertical
11570.00	37.77	2.74	40.51	54.00	13.49	Horizontal
Remark: 1. Level = Reading + Factor. 2. Test Frequency up to 40GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report.						

Test channel: Highest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
5850.00	41.22	20.80	62.02	122.20	60.18	Vertical
5855.00	39.83	20.85	60.68	110.80	50.12	Vertical
5875.00	39.91	21.06	60.97	105.20	44.23	Vertical
5925.00	40.58	21.40	61.98	68.20	6.22	Vertical
11650.00	47.25	2.00	49.25	74.00	24.75	Vertical
5850.00	41.62	20.80	62.42	122.20	59.78	Horizontal
5855.00	40.87	20.85	61.72	110.80	49.08	Horizontal
5875.00	40.07	21.06	61.13	105.20	44.07	Horizontal
5925.00	40.90	21.40	62.30	68.20	5.90	Horizontal
11650.00	47.67	2.00	49.67	74.00	24.33	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
11650.00	37.66	2.00	39.66	54.00	14.34	Vertical
11650.00	37.29	2.00	39.29	54.00	14.71	Horizontal
Remark: 1. Level = Reading + Factor. 2. Test Frequency up to 40GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report.						

Band 4: 5725 MHz - 5825 MHz, 802.11ax-HE20						
Test channel: Lowest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
5650.00	41.85	20.81	62.66	68.20	5.54	Vertical
5700.00	41.15	21.58	62.73	105.20	42.47	Vertical
5720.00	47.73	21.35	69.08	110.80	41.72	Vertical
5725.00	58.71	21.29	80.00	122.20	42.20	Vertical
11490.00	47.31	1.76	49.07	74.00	24.93	Vertical
5650.00	41.61	20.81	62.42	68.20	5.78	Horizontal
5700.00	41.54	21.58	63.12	105.20	42.08	Horizontal
5720.00	47.94	21.35	69.29	110.80	41.51	Horizontal
5725.00	58.73	21.29	80.02	122.20	42.18	Horizontal
11490.00	47.31	1.76	49.07	74.00	24.93	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
11490.00	37.15	1.76	38.91	54.00	15.09	Vertical
11490.00	37.57	1.76	39.33	54.00	14.67	Horizontal
Test channel: Middle channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
11570.00	47.61	2.74	50.35	74.00	23.65	Vertical
11570.00	47.75	2.74	50.49	74.00	23.51	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
11570.00	37.49	2.74	40.23	54.00	13.77	Vertical
11570.00	37.57	2.74	40.31	54.00	13.69	Horizontal
Remark: 1. Level = Reading + Factor. 2. Test Frequency up to 40GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report.						

Test channel: Highest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
5850.00	45.89	20.80	66.69	122.20	55.51	Vertical
5855.00	41.08	20.85	61.93	110.80	48.87	Vertical
5875.00	39.91	21.06	60.97	105.20	44.23	Vertical
5925.00	40.36	21.40	61.76	68.20	6.44	Vertical
11650.00	47.36	2.00	49.36	74.00	24.64	Vertical
5850.00	47.79	20.80	68.59	122.20	53.61	Horizontal
5855.00	44.10	20.85	64.95	110.80	45.85	Horizontal
5875.00	41.06	21.06	62.12	105.20	43.08	Horizontal
5925.00	40.78	21.40	62.18	68.20	6.02	Horizontal
11650.00	47.40	2.00	49.40	74.00	24.60	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
11650.00	37.30	2.00	39.30	54.00	14.70	Vertical
11650.00	37.42	2.00	39.42	54.00	14.58	Horizontal
Remark: 1. Level = Reading + Factor. 2. Test Frequency up to 40GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report.						

-----End of report-----