

RF Test Report

(2.4G Wi-Fi)

Report No.: JYTSZ-R12-2600196G1

Applicant: Otolift Trapliften B.V.

Address of Applicant: Lekdijk-Oost 27 a, 2861 GB, Bergambacht, The Netherlands

Equipment Under Test (EUT)

Product Name: Armrest display

Model No.: 270300100

Trade Mark: Otolift

FCC ID: 2BSTUOTO00100

Applicable Standards: FCC CFR Title 47 Part 15C (§15.247)

Date of Sample Receipt: 03 Apr., 2026

Date of Test: 04 Apr., to 12 May, 2026

Date of Report Issued: 17 Jul, 2026

Test Result: PASS

Project by: _____

Date: 17 Jul, 2026

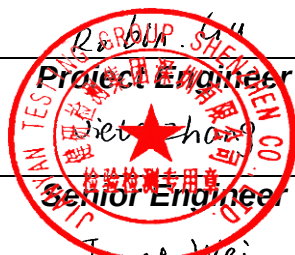
Reviewed by: _____

Date: 17 Jul, 2026

Approved by: _____

Date: 17 Jul, 2026

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.

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1 Version

Version No.	Date	Description
00	13 May, 2026	Original
01	17 Jul, 2026	Updated pages 4 and 14 of the report

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3 General Information

3.1 Client Information

Applicant:	Otolift Trapliftten B.V.
Address:	Lekdijk-Oost 27 a, 2861 GB, Bergambacht, The Netherlands
Manufacturer:	Betronic BV
Address:	Zekeringstraat 32-F, 1014 BS, Amsterdam, The Netherlands
Factory:	Betronic China (Suzhou)
Address:	Building 3, Room 3201, South Xincheng Road, Yushan Town, 215300 Kunshan Jiangsu Province, China

3.2 General Description of E.U.T.

Product Name:	Armrest display
Model No.:	270300100
Operation Frequency:	2412 MHz - 2462 MHz (802.11b, g, n-HT20)
Channel Numbers:	11 (802.11b, g, n-HT20)
Channel Separation:	5MHz
Modulation Technology: (IEEE 802.11b)	DSSS-DBPSK, DQPSK, CCK
Modulation Technology: (IEEE 802.11g/802.11n)	OFDM-BPSK, QPSK, 16QAM, 64QAM
Antenna Type:	Internal Antenna
Antenna Gain:	1.5 dBi (declare by Applicant)
Antenna Transmit Mode:	SISO (1TX, 1RX)
Power Supply:	DC 24V
Test Sample Condition:	The test samples were provided in good working order with no visible defects.

3.3 Disclaimer

Disclaimer:
For the information or data provided by the client in this report, the relevant results or conclusions of this report are only made for these data or information. The testing laboratory is not responsible for the authenticity and accuracy of these data or information.

3.4 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
802.11b	1Mbps
802.11g	6Mbps
802.11n-HT20	6.5Mbps
Remark:	
- For radiated spurious emission (below 1GHz), pre-scan 802.11b, g, n modulation mode, found 802.11b modulation and Lowest channel mode was worse case mode. The report only reflects the test data of worst mode. - 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: 24.0Vdc
Test Engineer:	Hopper Li (Conducted measurement) Reiy Ren (Radiated measurement)

3.5 Description of Test Auxiliary Equipment

The EUT has been tested as an independent unit.

3.6 Measurement Uncertainty

Parameter	Expanded Uncertainty (Confidence of 95%(U = 2Uc(y)))
Radiated Emission (9kHz ~ 30MHz) (3m SAC)	2.1 dB
Radiated Emission (30MHz ~ 200MHz) (3m SAC)	4.7 dB
Radiated Emission (200MHz ~ 1000MHz) (3m SAC)	5.8 dB
Radiated Emission (30MHz ~ 1GHz) (3m FAR)	4.10 dB
Radiated Emission (1GHz ~ 18GHz) (3m FAR)	5.28 dB
Radiated Emission (18GHz ~ 40GHz) (3m FAR)	5.18 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.	

3.7 Additions to, Deviations, or Exclusions from the Method

No

3.8 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>

3.9 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>

3.10 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
				12-09-2025	12-08-2030
Loop Antenna	Schwarzbeck	FMZB 1519 B	WXJ002-4	12-07-2025	12-06-2026
BiConiLog Antenna	Schwarzbeck	VULB9163	WXJ002	08-09-2025	08-08-2026
Horn Antenna	Schwarzbeck	BBHA9120D	WXJ002-2	12-07-2025	12-06-2026
Horn Antenna	Schwarzbeck	BBHA9170	WXJ002-5	12-07-2025	12-06-2026
Pre-amplifier (30MHz ~ 1GHz)	Schwarzbeck	BBV9743B	WXJ001-2	12-04-2025	12-03-2026
Pre-amplifier (1GHz ~ 18GHz)	SKET	LNPA_0118G-50	WXJ001-3	12-04-2025	12-03-2026
Pre-amplifier (18GHz ~ 40GHz)	RF System	TRLA-180400G45B	WXJ002-7	12-05-2025	12-04-2026
EMI Test Receiver	Rohde & Schwarz	ESRP7	WXJ003-1	12-04-2025	12-03-2026
Spectrum Analyzer	Rohde & Schwarz	FSP 30	WXJ004	12-04-2025	12-03-2026
Spectrum Analyzer	KEYSIGHT	N9010B	WXJ004-3	08-08-2025	08-07-2026
Coaxial Cable (30MHz ~ 1GHz)	JYTSZ	JYT3M-1G-NN-8M	WXG001-4	01-14-2026	01-13-2027
Coaxial Cable (1GHz ~ 18GHz)	JYTSZ	JYT3M-18G-NN-8M	WXG001-5	01-14-2026	01-13-2027
Coaxial Cable (18GHz ~ 40GHz)	JYTSZ	JYT3M-40G-SS-8M	WXG001-7	01-14-2026	01-13-2027
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
				04-13-2026	04-12-2027
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	12-07-2025	12-06-2026
Horn Antenna	Schwarzbeck	BBHA9170	WXJ002-5	12-07-2025	12-06-2026
Horn Antenna	Schwarzbeck	BBHA9170	WXJ002-6	12-07-2025	12-06-2026
Pre-amplifier (30MHz ~ 1GHz)	YUNYI	PAM-310N	WXJ097-5	04-21-2025	04-20-2026
				03-30-2026	03-29-2027
Pre-amplifier (1GHz ~ 18GHz)	YUNYI	PAM-118N	WXJ097-6	04-21-2025	04-20-2026
				03-30-2026	34-29-2027
Pre-amplifier (18GHz ~ 40GHz)	RF System	TRLA-180400G45B	WXJ002-7	12-05-2025	12-04-2026
EMI Test Receiver	Rohde & Schwarz	ESCI3	WXJ003	12-04-2025	12-03-2026
Spectrum Analyzer	Rohde & Schwarz	FSP 30	WXJ004	12-04-2025	12-03-2026
Spectrum Analyzer	KEYSIGHT	N9020B	WXJ081-1	05-08-2025	05-07-2026
				04-13-2026	04-12-2027
Coaxial Cable (30MHz ~ 1GHz)	JYTSZ	JYT3M-1G-NN-13M	WXG097-1	07-28-2025	07-27-2026
Coaxial Cable (1GHz ~ 18GHz)	JYTSZ	JYT3M-18G-NN-8M	WXG097-2	07-28-2025	07-27-2026
Coaxial Cable (18GHz ~ 40GHz)	JYTSZ	JYT3M-40G-SS-8M	WXG097-3	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		

4 Measurement Setup and Procedure

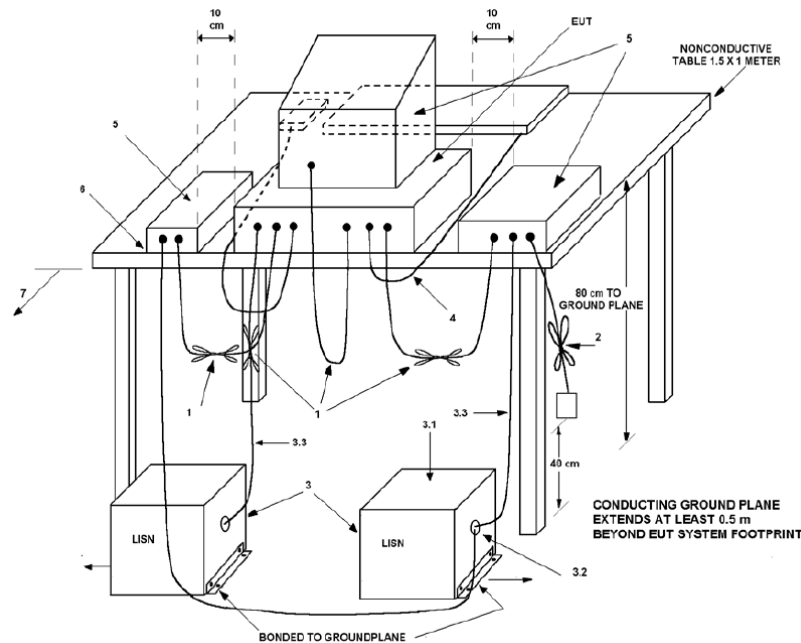
4.1 Test Channel

According to ANSI C63.10-2020 chapter 5.6.1 Table 11 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:

802.11b, 802.11g, 802.11n-HT20					
Lowest channel		Middle channel		Highest channel	
Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)
1	2412	6	2437	11	2462

4.2 Test Setup

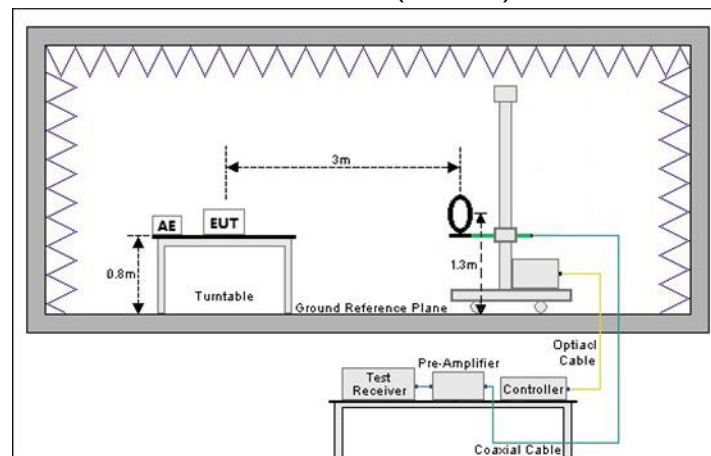
1) Conducted emission measurement:



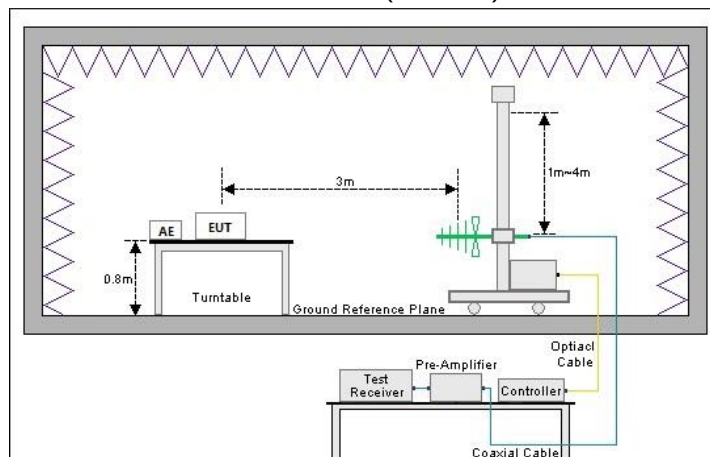
Note: The detailed descriptions please refer to Figure 8 of ANSI C63.4:2014.

2) Radiated emission measurement:

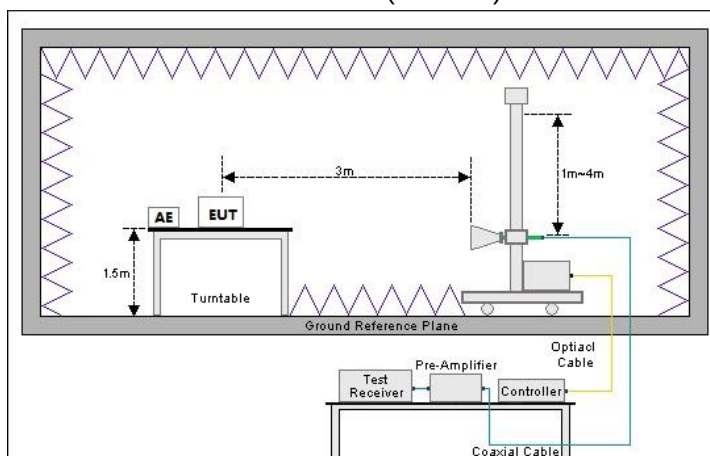
Below 30MHz (3m SAC)



Below 1GHz (3m SAC)



Above 1GHz (3m FAR)



4.3 Test Procedure

Test method	Test step
Conducted emission	1. The E.U.T and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm/50uH coupling impedance for the measuring equipment. 2. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refer to the block diagram of the test setup and photographs). 3. Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10 on conducted measurement.
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 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 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 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.

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 15.247 (b)(4)	/	See Section 5.2	Pass
AC Power Line Conducted Emission	15.207	ANSI C63.10 clause 6.2	N/A	N/A
Duty Cycle	ANSI C63.10- 2013	ANSI C63.10 clause 11.6	Please refer to report RF151228C18B	Please refer to report RF151228C18B
Conducted Output Power	15.247 (b)(3)	ANSI C63.10 clause 11.9.2.3.2	Please refer to report RF151228C18B	Please refer to report RF151228C18B
6dB Emission Bandwidth 99% Occupied Bandwidth	15.247 (a)(2)	ANSI C63.10 clause 11.8.1 and 6.9.3	Please refer to report RF151228C18B	Please refer to report RF151228C18B
Power Spectral Density	15.247 (e)	ANSI C63.10 clause 11.10.5	Please refer to report RF151228C18B	Please refer to report RF151228C18B
Band-edge Emission Conduction Spurious Emission	15.247 (d)	ANSI C63.10 clause 6.10.4	Please refer to report RF151228C18B	Please refer to report RF151228C18B
Emissions in Restricted Frequency Bands	15.205 15.247 (d)	ANSI C63.10 clause 6.10.5, 11.12.1 and 11.12.2.5.2	See Section 5.3	Pass
Emissions in Non-restricted Frequency Bands	15.209 15.247(d)	ANSI C63.10 clause 6.3, 6.5, 6.6, 6.2.3 and 11.12.2.5.2	See Section 5.4	Pass
Remark: 1. Pass: The EUT complies with the essential requirements in the standard. 2. N/A: Not Applicable. 3. Please refer to report RF151228C18B issued by Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch.				
Test Method:	ANSI C63.10-2020 KDB 558074 D01 15.247 Meas Guidance v05r02			

5.1.2 Test Limit

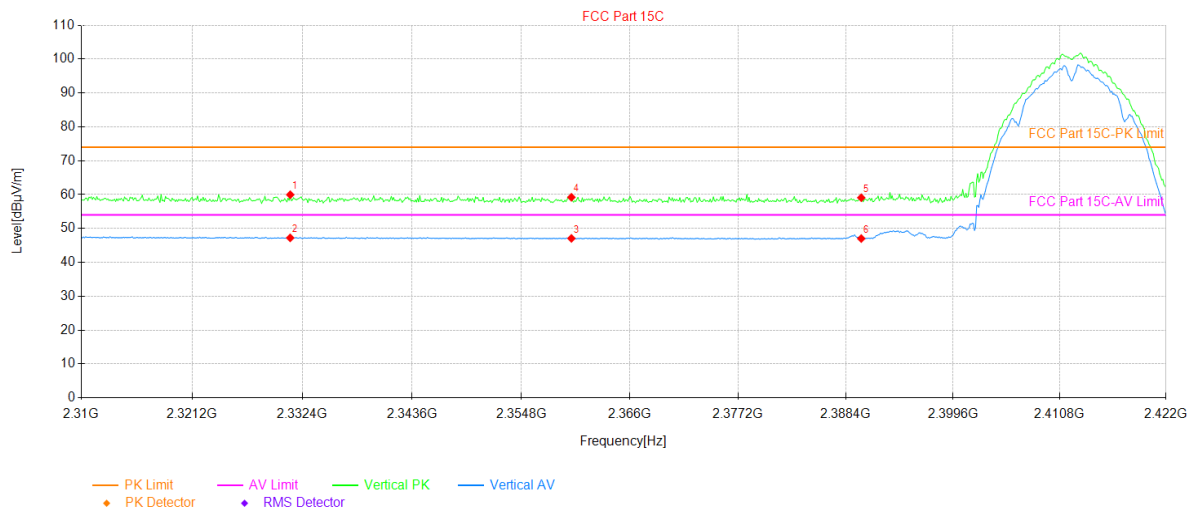
Test items	Limit																																								
Conducted Output Power	For systems using digital modulation in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands: 1 Watt.																																								
6dB Emission Bandwidth	The minimum 6 dB bandwidth shall be at least 500 kHz.																																								
99% Occupied Bandwidth	N/A																																								
Power Spectral Density	For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission.																																								
Band-edge Emission Conduction Spurious Emission	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).																																								
Emissions in Restricted Frequency Bands Emissions in Non-restricted Frequency Bands	<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><tr><td colspan="4">Note: The more stringent limit applies at transition frequencies.</td></tr><tr><th rowspan="2">Frequency</th><th colspan="2">Limit (dBµV/m) @ 3m</th><th rowspan="2">Peake</th></tr><tr><th colspan="2">Average</th></tr><tr><td>Above 1 GHz</td><td colspan="2">54.0</td><td>74.0</td></tr><tr><td colspan="4">Note: The measurement bandwidth shall be 1 MHz or greater.</td></tr></table>	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	Note: The more stringent limit applies at transition frequencies.				Frequency	Limit (dBµV/m) @ 3m		Peake	Average		Above 1 GHz	54.0		74.0	Note: The measurement bandwidth shall be 1 MHz or greater.			
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5.2 Antenna Requirement

Standard Requirement:	FCC Part 15 C Section 15.203/15.247 (b)(4)
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. 15.247 (b)(4) requirement: The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.	
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 1.5 dBi. See product internal photos for details.	

5.3 Emissions in Restricted Frequency Bands

Product Name:	Armrest display	Product Model:	270300100
Test By:	Reiy Ren	Test mode:	802.11b Tx mode
Test Channel:	Lowest channel	Polarization:	Vertical
Test Voltage:	DC 24V		



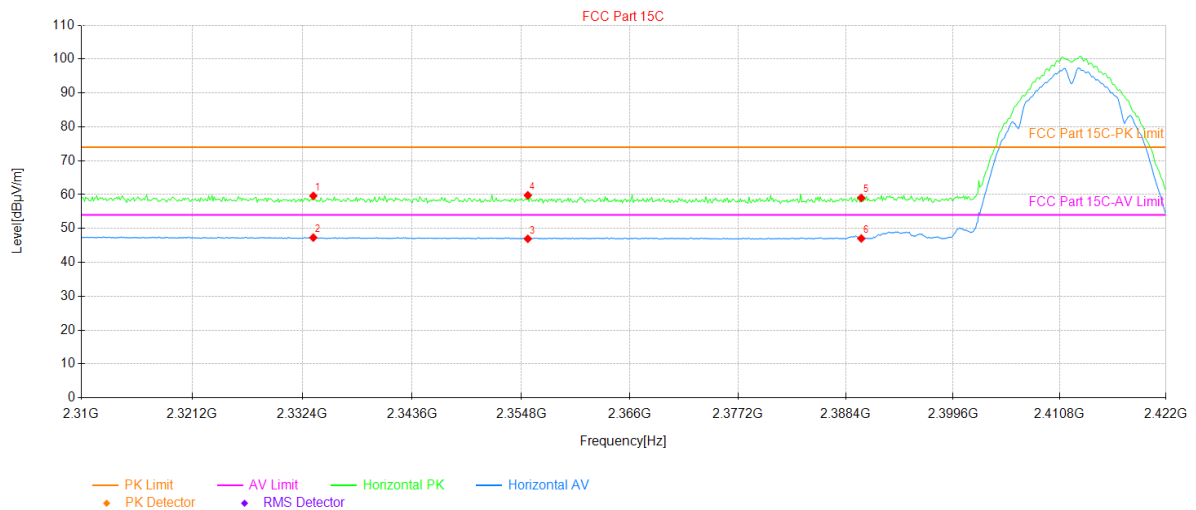
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2331.17	23.96	36.01	59.97	74.00	14.03	174	PK	PASS	Vertical
2	2331.17	11.22	36.01	47.23	54.00	6.77	334	AV	PASS	Vertical
3	2359.95	10.98	36.10	47.08	54.00	6.92	197	AV	PASS	Vertical
4	2359.95	23.12	36.10	59.22	74.00	14.78	4	PK	PASS	Vertical
5	2390.00	22.89	36.19	59.08	74.00	14.92	132	PK	PASS	Vertical
6	2390.00	10.84	36.19	47.03	54.00	6.97	94	AV	PASS	Vertical

Remark:

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

Product Name:	Armrest display	Product Model:	270300100
Test By:	Reiy Ren	Test mode:	802.11b Tx mode
Test Channel:	Lowest channel	Polarization:	Horizontal
Test Voltage:	DC 24V		



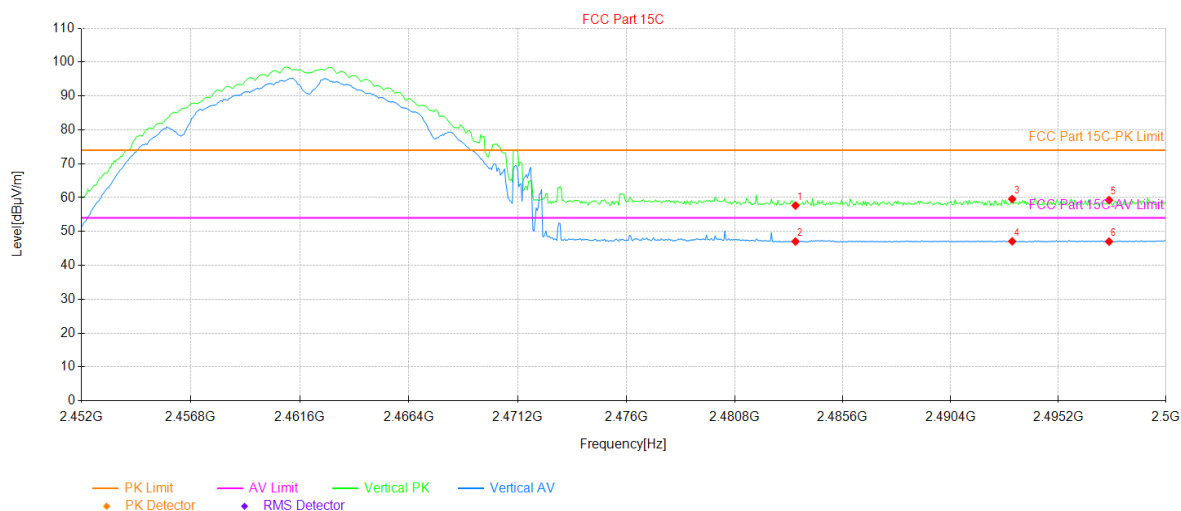
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2333.52	23.60	36.02	59.62	74.00	14.38	284	PK	PASS	Horizontal
2	2333.52	11.28	36.02	47.30	54.00	6.70	46	AV	PASS	Horizontal
3	2355.47	10.86	36.09	46.95	54.00	7.05	107	AV	PASS	Horizontal
4	2355.47	23.71	36.09	59.80	74.00	14.20	280	PK	PASS	Horizontal
5	2390.00	22.83	36.19	59.02	74.00	14.98	355	PK	PASS	Horizontal
6	2390.00	10.85	36.19	47.04	54.00	6.96	337	AV	PASS	Horizontal

Remark:

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

Product Name:	Armrest display	Product Model:	270300100
Test By:	Reiy Ren	Test mode:	802.11b Tx mode
Test Channel:	Highest channel	Polarization:	Vertical
Test Voltage:	DC 24V		



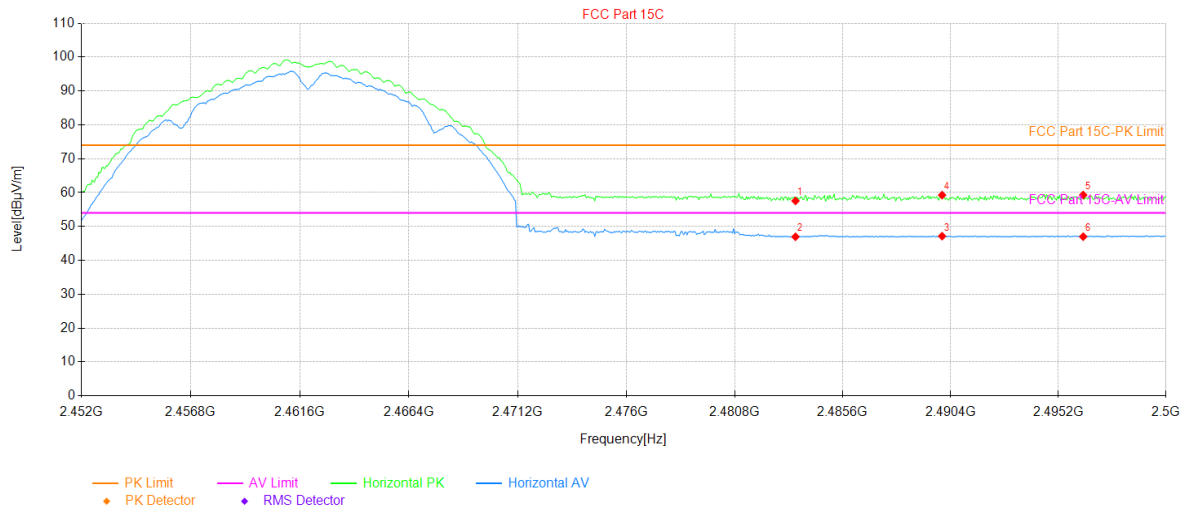
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2483.50	21.42	36.24	57.66	74.00	16.34	159	PK	PASS	Vertical
2	2483.50	10.80	36.24	47.04	54.00	6.96	196	AV	PASS	Vertical
3	2493.14	23.24	36.32	59.56	74.00	14.44	256	PK	PASS	Vertical
4	2493.14	10.78	36.32	47.10	54.00	6.90	248	AV	PASS	Vertical
5	2497.46	22.88	36.36	59.24	74.00	14.76	203	PK	PASS	Vertical
6	2497.46	10.65	36.36	47.01	54.00	6.99	322	AV	PASS	Vertical

Remark:

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

Product Name:	Armrest display	Product Model:	270300100
Test By:	Reiy Ren	Test mode:	802.11b Tx mode
Test Channel:	Highest channel	Polarization:	Horizontal
Test Voltage:	DC 24V		



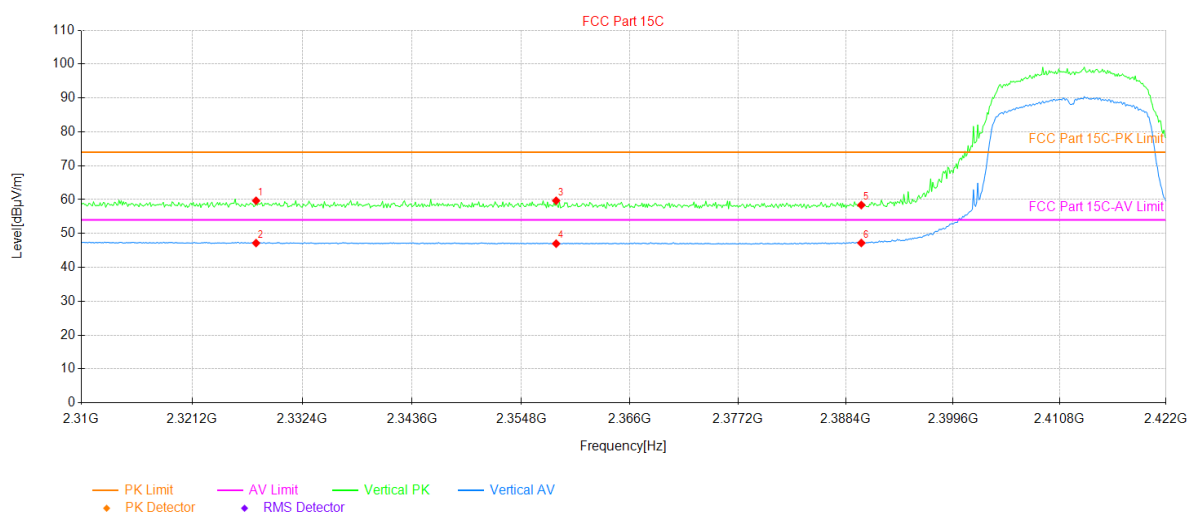
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2483.50	21.32	36.24	57.56	74.00	16.44	357	PK	PASS	Horizontal
2	2483.50	10.72	36.24	46.96	54.00	7.04	164	AV	PASS	Horizontal
3	2490.02	10.85	36.30	47.15	54.00	6.85	26	AV	PASS	Horizontal
4	2490.02	22.96	36.30	59.26	74.00	14.74	347	PK	PASS	Horizontal
5	2496.30	22.94	36.35	59.29	74.00	14.71	343	PK	PASS	Horizontal
6	2496.30	10.64	36.35	46.99	54.00	7.01	357	AV	PASS	Horizontal

Remark:

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

Product Name:	Armrest display	Product Model:	270300100
Test By:	Reiy Ren	Test mode:	802.11g Tx mode
Test Channel:	Lowest channel	Polarization:	Vertical
Test Voltage:	DC 24V		



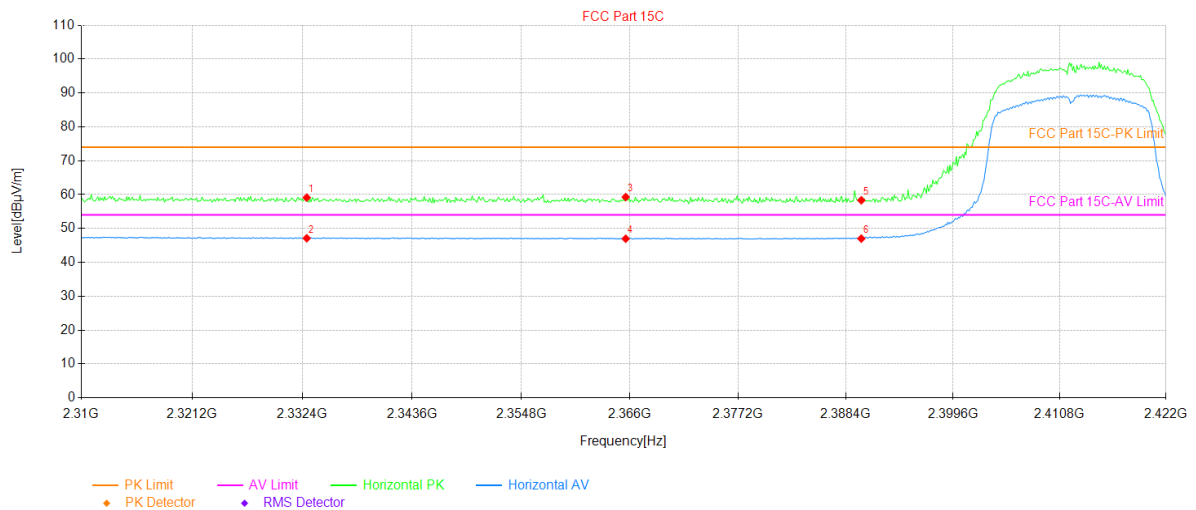
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2327.70	23.66	36.01	59.67	74.00	14.33	13	PK	PASS	Vertical
2	2327.70	11.16	36.01	47.17	54.00	6.83	358	AV	PASS	Vertical
3	2358.38	23.57	36.10	59.67	74.00	14.33	326	PK	PASS	Vertical
4	2358.38	10.90	36.10	47.00	54.00	7.00	184	AV	PASS	Vertical
5	2390.00	22.20	36.19	58.39	74.00	15.61	32	PK	PASS	Vertical
6	2390.00	11.01	36.19	47.20	54.00	6.80	102	AV	PASS	Vertical

Remark:

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

Product Name:	Armrest display	Product Model:	270300100
Test By:	Reiy Ren	Test mode:	802.11g Tx mode
Test Channel:	Lowest channel	Polarization:	Horizontal
Test Voltage:	DC 24V		



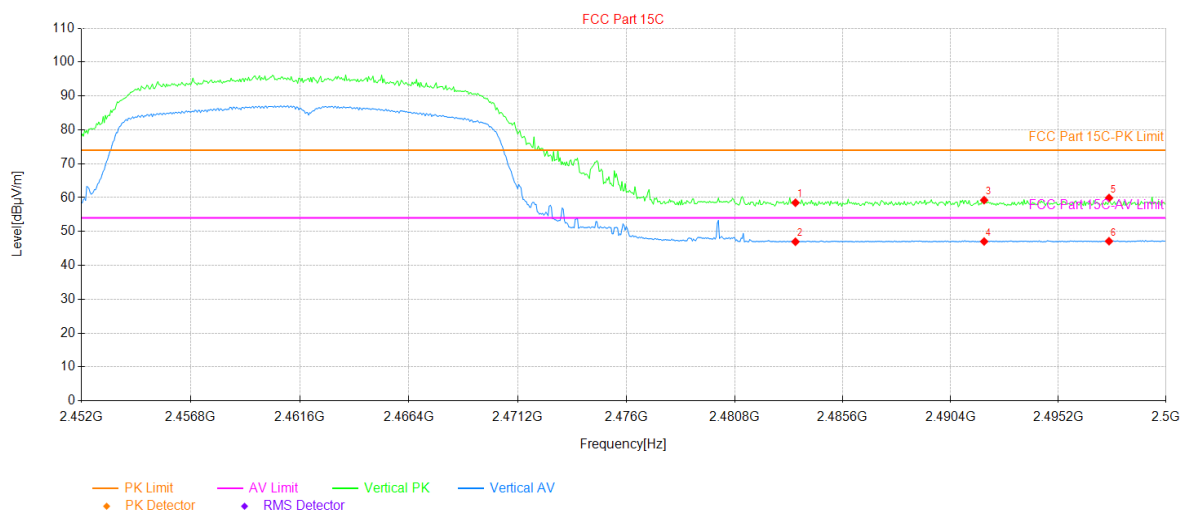
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2332.85	23.09	36.02	59.11	74.00	14.89	252	PK	PASS	Horizontal
2	2332.85	11.10	36.02	47.12	54.00	6.88	353	AV	PASS	Horizontal
3	2365.55	23.15	36.12	59.27	74.00	14.73	131	PK	PASS	Horizontal
4	2365.55	10.86	36.12	46.98	54.00	7.02	319	AV	PASS	Horizontal
5	2390.00	22.13	36.19	58.32	74.00	15.68	116	PK	PASS	Horizontal
6	2390.00	10.82	36.19	47.01	54.00	6.99	120	AV	PASS	Horizontal

Remark:

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

Product Name:	Armrest display	Product Model:	270300100
Test By:	Reiy Ren	Test mode:	802.11g Tx mode
Test Channel:	Highest channel	Polarization:	Vertical
Test Voltage:	DC 24V		



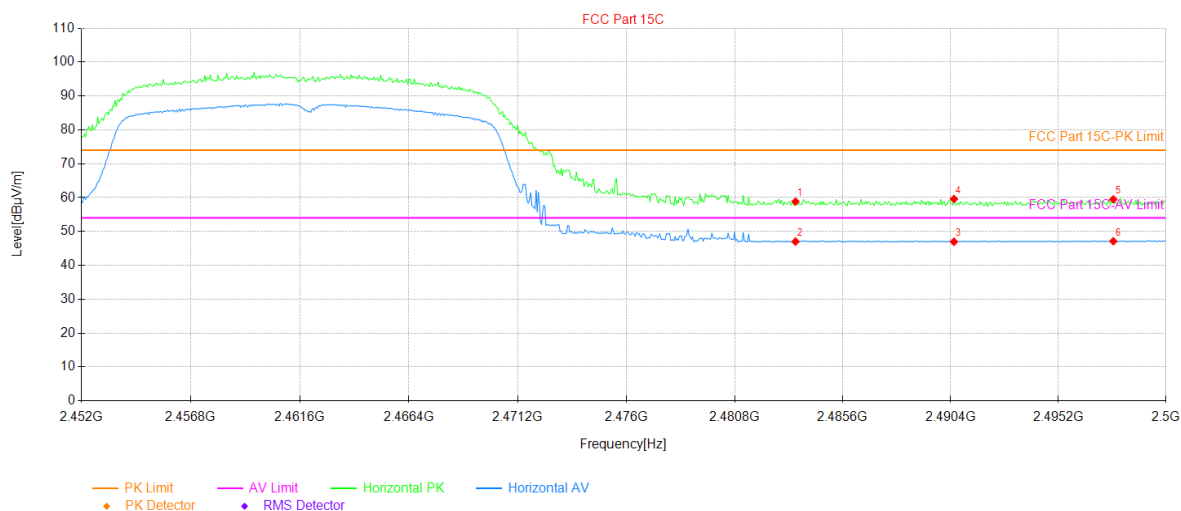
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2483.50	22.25	36.24	58.49	74.00	15.51	175	PK	PASS	Vertical
2	2483.50	10.73	36.24	46.97	54.00	7.03	115	AV	PASS	Vertical
3	2491.89	22.93	36.31	59.24	74.00	14.76	34	PK	PASS	Vertical
4	2491.89	10.74	36.31	47.05	54.00	6.95	60	AV	PASS	Vertical
5	2497.46	23.53	36.36	59.89	74.00	14.11	37	PK	PASS	Vertical
6	2497.46	10.77	36.36	47.13	54.00	6.87	322	AV	PASS	Vertical

Remark:

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

Product Name:	Armrest display	Product Model:	270300100
Test By:	Reiy Ren	Test mode:	802.11g Tx mode
Test Channel:	Highest channel	Polarization:	Horizontal
Test Voltage:	DC 24V		

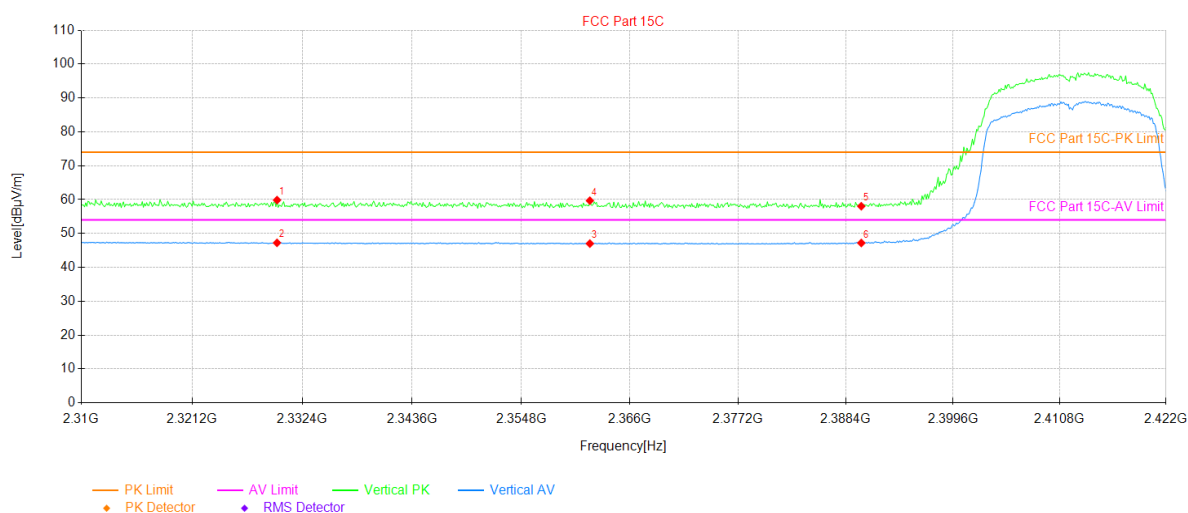


Suspected Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2483.50	22.58	36.24	58.82	74.00	15.18	30	PK	PASS	Horizontal
2	2483.50	10.78	36.24	47.02	54.00	6.98	302	AV	PASS	Horizontal
3	2490.54	10.67	36.30	46.97	54.00	7.03	161	AV	PASS	Horizontal
4	2490.54	23.26	36.30	59.56	74.00	14.44	206	PK	PASS	Horizontal
5	2497.65	23.12	36.36	59.48	74.00	14.52	135	PK	PASS	Horizontal
6	2497.65	10.76	36.36	47.12	54.00	6.88	49	AV	PASS	Horizontal

Remark:

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

Product Name:	Armrest display	Product Model:	270300100
Test By:	Reiy Ren	Test mode:	802.11n-HT20 Tx mode
Test Channel:	Lowest channel	Polarization:	Vertical
Test Voltage:	DC 24V		



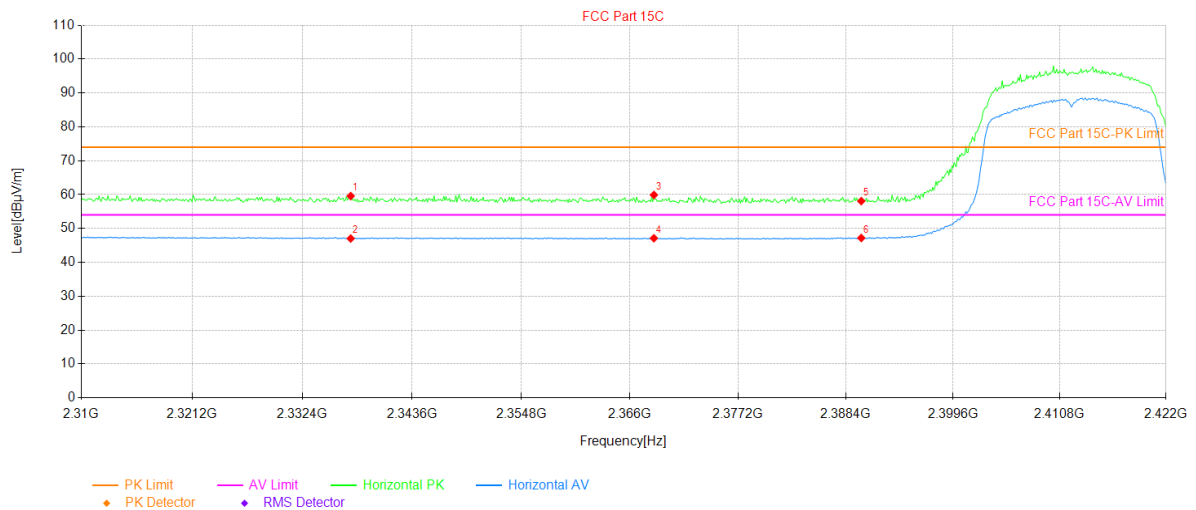
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2329.82	23.85	36.01	59.86	74.00	14.14	326	PK	PASS	Vertical
2	2329.82	11.23	36.01	47.24	54.00	6.76	98	AV	PASS	Vertical
3	2361.86	10.91	36.11	47.02	54.00	6.98	72	AV	PASS	Vertical
4	2361.86	23.58	36.11	59.69	74.00	14.31	75	PK	PASS	Vertical
5	2390.00	21.85	36.19	58.04	74.00	15.96	150	PK	PASS	Vertical
6	2390.00	11.01	36.19	47.20	54.00	6.80	105	AV	PASS	Vertical

Remark:

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

Product Name:	Armrest display	Product Model:	270300100
Test By:	Reiy Ren	Test mode:	802.11n-HT20 Tx mode
Test Channel:	Lowest channel	Polarization:	Horizontal
Test Voltage:	DC 24V		



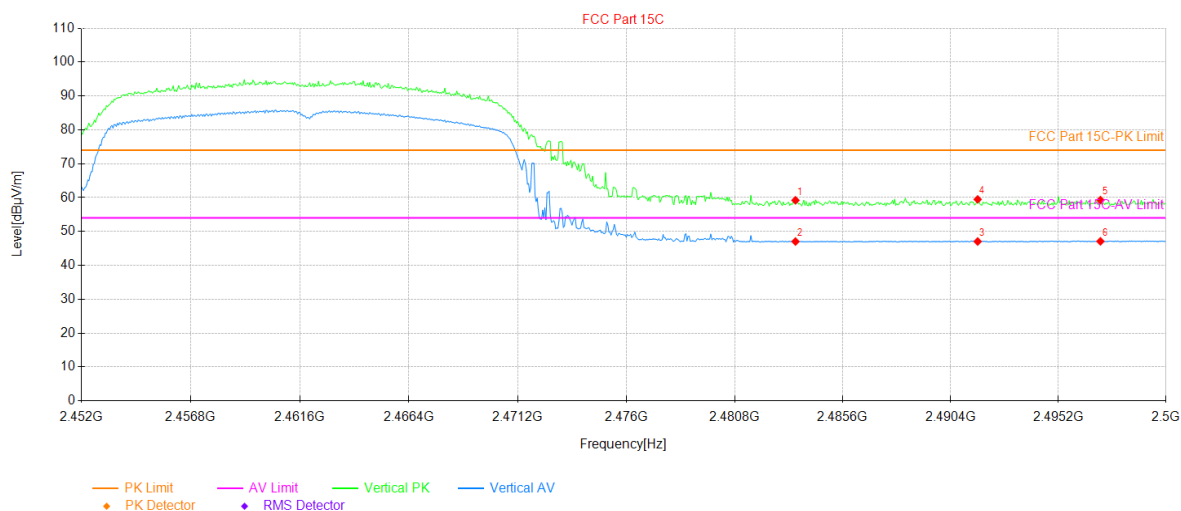
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2337.33	23.54	36.03	59.57	74.00	14.43	123	PK	PASS	Horizontal
2	2337.33	11.01	36.03	47.04	54.00	6.96	276	AV	PASS	Horizontal
3	2368.46	23.76	36.13	59.89	74.00	14.11	190	PK	PASS	Horizontal
4	2368.46	10.99	36.13	47.12	54.00	6.88	328	AV	PASS	Horizontal
5	2390.00	21.90	36.19	58.09	74.00	15.91	71	PK	PASS	Horizontal
6	2390.00	11.00	36.19	47.19	54.00	6.81	119	AV	PASS	Horizontal

Remark:

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

Product Name:	Armrest display	Product Model:	270300100
Test By:	Reiy Ren	Test mode:	802.11n-HT20 Tx mode
Test Channel:	Highest channel	Polarization:	Vertical
Test Voltage:	DC 24V		



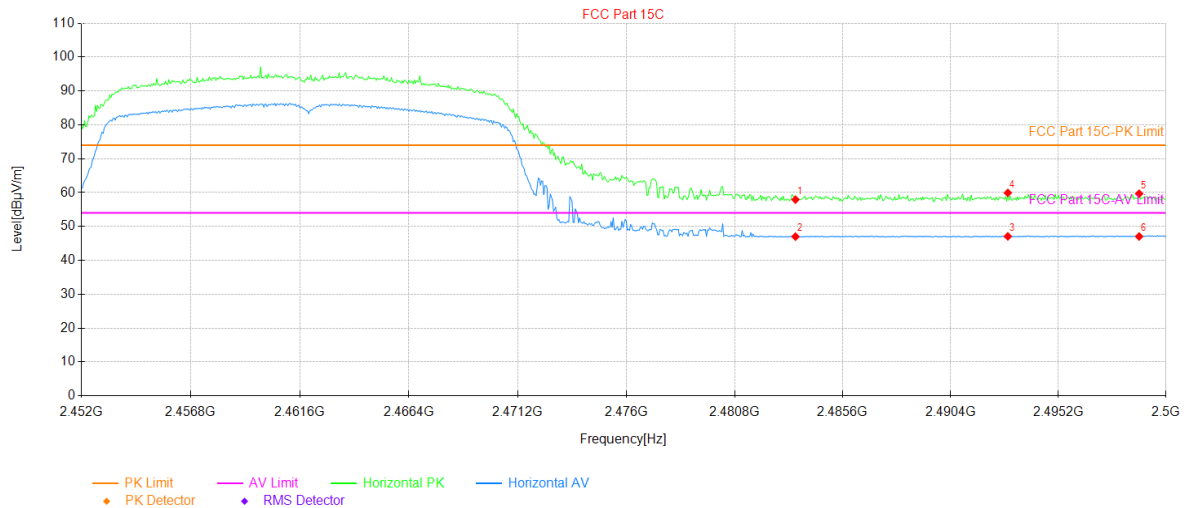
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2483.50	22.97	36.24	59.21	74.00	14.79	303	PK	PASS	Vertical
2	2483.50	10.80	36.24	47.04	54.00	6.96	103	AV	PASS	Vertical
3	2491.60	10.73	36.31	47.04	54.00	6.96	133	AV	PASS	Vertical
4	2491.60	23.16	36.31	59.47	74.00	14.53	358	PK	PASS	Vertical
5	2497.07	22.91	36.36	59.27	74.00	14.73	303	PK	PASS	Vertical
6	2497.07	10.73	36.36	47.09	54.00	6.91	182	AV	PASS	Vertical

Remark:

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

Product Name:	Armrest display	Product Model:	270300100
Test By:	Reiy Ren	Test mode:	802.11n-HT20 Tx mode
Test Channel:	Highest channel	Polarization:	Horizontal
Test Voltage:	DC 24V		



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB/m]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2483.50	21.69	36.24	57.93	74.00	16.07	313	PK	PASS	Horizontal
2	2483.50	10.77	36.24	47.01	54.00	6.99	211	AV	PASS	Horizontal
3	2492.94	10.75	36.32	47.07	54.00	6.93	4	AV	PASS	Horizontal
4	2492.94	23.61	36.32	59.93	74.00	14.07	166	PK	PASS	Horizontal
5	2498.80	23.31	36.37	59.68	74.00	14.32	181	PK	PASS	Horizontal
6	2498.80	10.68	36.37	47.05	54.00	6.95	305	AV	PASS	Horizontal

Remark:

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

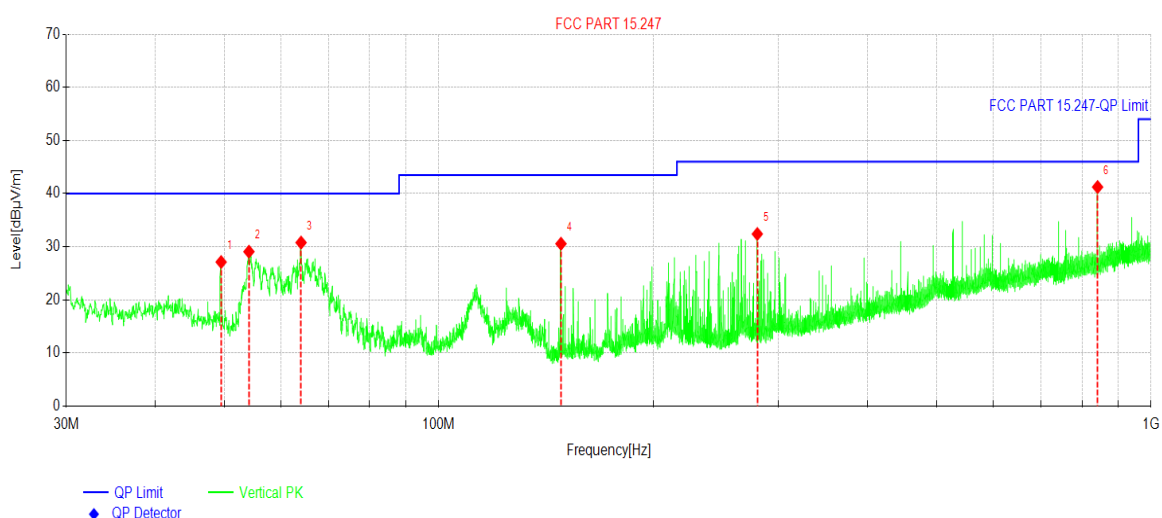
5.4 Emissions in Non-restricted Frequency Bands

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:	Armrest display	Product Model:	270300100
Test By:	Robin Gu	Test mode:	802.11b Tx mode
Test Frequency:	30 MHz ~ 1 GHz	Polarization:	Vertical
Test Channel:	Lowest channel	Test Voltage:	DC 24V



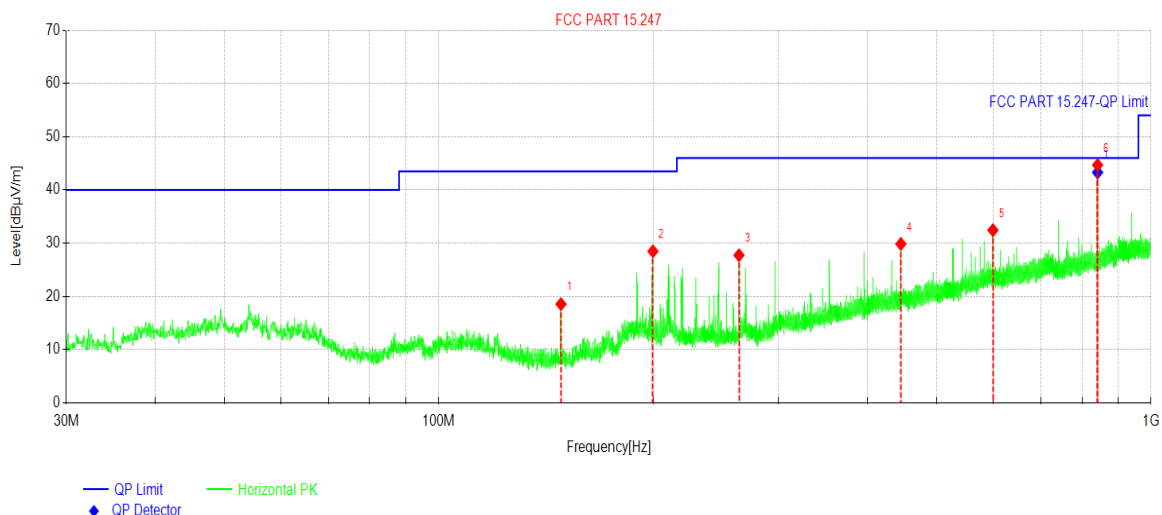
Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Trace	Polarity
1	49.4970	39.80	-12.68	27.12	40.00	12.88	PK	Vertical
2	54.1530	42.80	-13.73	29.07	40.00	10.93	PK	Vertical
3	64.0955	45.67	-14.89	30.78	40.00	9.22	PK	Vertical
4	148.4855	48.74	-18.18	30.56	43.50	12.94	PK	Vertical
5	280.1145	46.12	-13.72	32.40	46.00	13.60	PK	Vertical
6	841.5020	42.31	-1.07	41.24	46.00	4.76	PK	Vertical

Remark:

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

Product Name:	Armrest display	Product Model:	270300100
Test By:	Robin Gu	Test mode:	802.11b Tx mode
Test Frequency:	30 MHz ~ 1 GHz	Polarization:	Horizontal
Test Channel:	Lowest channel	Test Voltage:	DC 24V



Suspected Data List

NO.	Freq. [MHz]	Reading [dBμV/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Trace	Polarity
1	148.4855	36.74	-18.18	18.56	43.50	24.94	PK	Horizontal
2	199.8955	42.99	-14.51	28.48	43.50	15.02	PK	Horizontal
3	263.9640	41.35	-13.61	27.74	46.00	18.26	PK	Horizontal
4	445.4995	38.75	-8.89	29.86	46.00	16.14	PK	Horizontal
5	599.9720	37.58	-5.13	32.45	46.00	13.55	PK	Horizontal
6	841.5020	45.75	-1.07	44.68	46.00	1.32	PK	Horizontal

Final Data List

NO.	Freq. [MHz]	QP Reading [dBμV/m]	Factor [dB]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Angle [°]	Verdict
1	841.4855	44.36	-1.07	43.29	46.00	2.71	130.9	PASS

Remark:

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

Above 1GHz

802.11b						
Test channel: Lowest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4824.00	50.42	-8.27	42.15	74.00	31.85	Vertical
4824.00	49.13	-8.27	40.86	74.00	33.14	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4824.00	39.29	-8.27	31.02	54.00	22.98	Vertical
4824.00	39.78	-8.27	31.51	54.00	22.49	Horizontal
Test channel: Middle channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4874.00	48.97	-7.85	41.12	74.00	32.88	Vertical
4874.00	48.94	-7.85	41.09	74.00	32.91	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4874.00	39.49	-7.85	31.64	54.00	22.36	Vertical
4874.00	39.25	-7.85	31.40	54.00	22.60	Horizontal
Test channel: Highest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4924.00	49.34	-7.56	41.78	74.00	32.22	Vertical
4924.00	49.22	-7.56	41.66	74.00	32.34	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4924.00	40.07	-7.56	32.51	54.00	21.49	Vertical
4924.00	40.04	-7.56	32.48	54.00	21.52	Horizontal
Remark: 1. Level = Reading + Factor. 2. Test Frequency up to 25GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report.						

802.11g						
Test channel: Lowest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4824.00	50.89	-8.27	42.62	74.00	31.38	Vertical
4824.00	48.75	-8.27	40.48	74.00	33.52	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4824.00	39.39	-8.27	31.12	54.00	22.88	Vertical
4824.00	40.06	-8.27	31.79	54.00	22.21	Horizontal
Test channel: Middle channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4874.00	49.03	-7.85	41.18	74.00	32.82	Vertical
4874.00	49.18	-7.85	41.33	74.00	32.67	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4874.00	39.69	-7.85	31.84	54.00	22.16	Vertical
4874.00	39.24	-7.85	31.39	54.00	22.61	Horizontal
Test channel: Highest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4924.00	49.67	-7.56	42.11	74.00	31.89	Vertical
4924.00	49.6	-7.56	42.04	74.00	31.96	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4924.00	39.78	-7.56	32.22	54.00	21.78	Vertical
4924.00	40.37	-7.56	32.81	54.00	21.19	Horizontal
Remark: 1. Level = Reading + Factor. 2. Test Frequency up to 25GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report.						

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
4824.00	50.3	-8.27	42.03	74.00	31.97	Vertical
4824.00	49.39	-8.27	41.12	74.00	32.88	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4824.00	39.08	-8.27	30.81	54.00	23.19	Vertical
4824.00	39.5	-8.27	31.23	54.00	22.77	Horizontal
Test channel: Middle channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4874.00	49.46	-7.85	41.61	74.00	32.39	Vertical
4874.00	48.58	-7.85	40.73	74.00	33.27	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4874.00	39.85	-7.85	32.00	54.00	22.00	Vertical
4874.00	38.83	-7.85	30.98	54.00	23.02	Horizontal
Test channel: Highest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4924.00	49.17	-7.56	41.61	74.00	32.39	Vertical
4924.00	49.53	-7.56	41.97	74.00	32.03	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4924.00	40.55	-7.56	32.99	54.00	21.01	Vertical
4924.00	40.11	-7.56	32.55	54.00	21.45	Horizontal
Remark: 1. Level = Reading + Factor. 2. Test Frequency up to 25GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report.						

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