

# **TEST REPORT**

**Application No.:** DNT2506190440R6444-08590

Applicant: Lu'an Hansheng Photoelectric Technology Co., LTD

Address of Applicant: No.88 Chengdong Road, Yu'an District, Lu'an City, Anhui Province, China

**EUT Description:** Laser level

Model No.: MG30-4D

Additional Model(s): MG30-3D, MG30-2D

FCC ID: 2BRS8-MG30-4D

Power Supply: DC 3V

Trade Mark: N/A

47 CFR FCC Part 2, Subpart J

**Standards:** 47 CFR Part 15, Subpart C

ANSI C63.10: 2013

**Date of Receipt:** 2025/6/19

**Date of Test:** 2025/6/20 to 2025/7/18

**Date of Issue:** 2025/7/18

Test Result: PASS

company in writing.

Prepared By: Wayne . Jon (Testing Engineer)

Reviewed By: (Project Engineer)

Approved By: (Manager)

Note: If there is any objection to the results in this report, please submit a written inquiry to the company within 15 days from the date of receiving the report. The test report is effective only with both signature and specialized stamp, and is issued by the company in accordance with the requirements of the "Conditions of Issuance of Test Reports" printed in the attached page. Unless otherwise stated, the results presented in this report only apply to the samples tested this time. Partial reproduction of this report is not allowed unless approved by the



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### **Report Revise Record**

Report Version	Revise Time	Issued Date	Valid Version	Notes
V2.0		July 18, 2025	Valid	Original Report



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# 1 Test Summary

Test Item	Standard Section	Test Result
Antenna Requirement	15.203	PASS
20dB Occupied Bandwidth	15.215	PASS
Duty Cycle	N/A	N/A
Field Strength	15.249(a)	PASS
Radiated Spurious Emissions And Band Edge	15.205, 15.209, 15.249(a)(c)(d)(e),	PASS
4 4 4	15.35(b)	
AC Power Line Conducted Emissions	15.207	N/A



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## 2 General Information

## 2.1 Test Location

Company:	Dongguan DN Testing Co., Ltd
Address:	No. 1, West Fourth Street, South Xinfa Road, Wusha Liwu, Chang ' an Town, Dongguan City, Guangdong P.R.China
Test engineer:	Wayne Lin

# 2.2 General Description of EUT

Manufacturer:	Lu'an Hansheng Photoelectric Technology Co., LTD					
Address of Manufacturer:	No.88 Chengdong Road, Yu'an District, Lu'an City, Anhui Province, China					
EUT Description:	Laser level					
Test Model No.:	MG30-4D					
Additional Model(s):	MG30-3D, MG30-2D					
Power Supply:	DC 3V					
Chip Type:	WL2422					
Serial number:	PR2506190440R6444					
Trade Mark:	N/A					
Hardware Version:	V1.0					
Software Version:	V1.0					
Operation Frequency:	2427MHz					
Type of Modulation:	GFSK					
Sample Type:	Prototype production					
Antenna Type:	☐ External, ⊠ Integrated					
Antenna Ports	⊠ Ant 1, ☐ Ant 2, ☐ Ant 3					
Antonno Coin*:	⊠ Provided by applicant					
Antenna Gain*:	0dBi					
	⊠ Provided by applicant					
RF Cable*:	0.5dB(0.6~1GHz); 0.8dB(1.4~2GHz); 1.0dB(2.1~2.7GHz); 1.5dB(3~4GHz); 1.8dB(4.4~6GHz);					

### Remark:

<sup>\*</sup>All models are just color differences, motherboard, PCB circuit board, chip, electronic components, appearance is all the same.

<sup>\*</sup>Since the above data and/or information is provided by the applicant relevant results or conclusions of this report are only made for these data and/or information, DNT is not responsible for the authenticity, integrity and results of the data and information and/or the validity of the conclusion.



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# 2.3 Power Setting of Test Software

Software Name	N/A
Frequency(MHz)	2427
Setting	Default

## 2.4 Test Environment and Mode

Operating Environment:	
Temperature:	20~25.0 °C
Humidity:	45~56 % RH
Atmospheric Pressure:	101.0~101.30 KPa
Test mode:	
Transmitting mode:	Keep the EUT in transmitting mode with all kind of modulation and all kind of data rate.

# 2.5 Channel List

Channel	Frequency (MHz)	
1	2427	

# 2.6 Description of Support Units

The EUT has been tested independent unit.



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# 2.7 Test Facility

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

#### Lab A:

· FCC, USA

Designation Number: CN1348

### • A2LA (Certificate No. 7050.01)

DONGGUAN DN TESTING CO., LTD.

### • Innovation, Science and Economic Development Canada

DONGGUAN DN TESTING CO., LTD. EMC Laboratory has been recognized by ISED as an accredited testing laboratory. CAB identifier is CN0149.

IC#: 30755.

## 2.8 Measurement Uncertainty (95% confidence levels, k=2)

No.	Item	Measurement Uncertainty	
1	Total RF power, conducted	±0.41dB	
2	RF power density, conducted	±1.96dB	

No.	Item	Measurement Uncertainty		
1	Conduction Emission	± 3.0dB (150kHz to 30MHz)		
	4, 4, 4, 4, 4,	± 4.8dB (Below 1GHz)		
		± 4.8dB (1GHz to 6GHz)		
2	Radiated Emission	± 4.5dB (6GHz to 18GHz)		
		± 5.02dB (Above 18GHz)		



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# 2.9 Equipment List

For Connect EUT Antenna Terminal Test						
Description	Manufacturer	Model	Serial Number	Cal date	Due date	
Signal Generator	Keysight	N5181A-6G	MY48180415	2024-10-23	2025-10-22	
Signal Generator	Keysight	N5182B	MY57300617	2024-10-23	2025-10-22	
Power supply	Keysight	E3640A	ZB2022656	2024-10-23	2025-10-22	
Spectrum Analyzer	Aglient	N9010A	MY52221458	2024-10-23	2025-10-22	
BT/WIFI Test Software	Tonscend	JS1120 V3.1.83	NA	NA	NA	
RF Control Unit	Tonscend	JS0806-2	22F8060581	NA	NA NA	
temperature and humidity box	SCOTEK	SCD-C40-80PRO	6866682020008	2024-10-23	2025-10-22	

Test Equipment for Conducted Emission						
Description	Description Manufacturer Model Serial Number Cal Date Due Date					
Receiver	R&S	ESCI3	101152	2024-10-23	2025-10-22	
LISN	R&S	ENV216	102874	2024-10-23	2025-10-22	
ISN	R&S	ENY81-CA6	1309.8590.03	2024-10-23	2025-10-22	

Test E	quipment for	Radiated Emi	ssion(below	1000MHz		
Description	Manufacturer	Model	Serial Number	Cal Date	Due Date	
Receiver	R&S	ESR7	102497	2024-10-23	2025-10-22	
Test Software	ETS-LINDGREN	TiLE-FULL	NA	NA NA	NA	
RF Cable	ETS-LINDGREN	RFC-NMS-100- NMS-350-IN	NA	2024-10-23	2025-10-22	
Log periodic antenna	ETS-LINDGREN	VULB 9168	01475	2022-11-28	2025-11-27	
Pre-amplifier	Schwarzbeck	BBV9743B	00423	2024-10-23	2025-10-22	
Single ring magnetic field ring antenna	ETS-LINDGREN	6502	6502	2024-10-23	2025-10-22	



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Test E	quipment for	Radiated Emis	ssion(Above	1000MHz		
Description	Manufacturer	Model	Serial Number	Cal Date	Due Date	
Frequency analyser	Keysight	N9010A	MY52221458	2024-10-23	2025-10-22	
RF Cable	ETS-LINDGREN	RFC-NMS-100- NMS-350-IN	NA	2024-10-23	2025-10-22	
Horn Antenna	ETS-LINDGREN	3117	00252567	2022-11-28	2025-11-27	
Double ridged waveguide antenna	ETS-LINDGREN	3116C	00251780	2022-11-28	2025-11-27	
Test Software	ETS-LINDGREN	TiLE-FULL	NA	NA	NA	
Pre-amplifier	ETS-LINDGREN	3117-PA	252567	2024-10-23	2025-10-22	
Pre-amplifier	ETS-LINDGREN	3116C-PA	251780	2024-10-23	2025-10-22	

# 2.10 Assistant equipment used for test

Code	Equipment	Manufacturer	Model No.	Equipment No.
1				



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### 3 Test results and Measurement Data

### 3.1 Antenna requirements

Standard requirement: 47 CFR Part 15C Section 15.203 /247(c)

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 shall be considered sufficient to comply with the provisions of this section. 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. This requirement does not apply to carrier current devices or to devices operated under the provisions of §§15.211, 15.213, 15.217, 15.219, 15.221, or §15.236. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with §15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

The antenna is welded on the main PCB and no consideration of replacement. The best case gain of the antenna is 0dBi.



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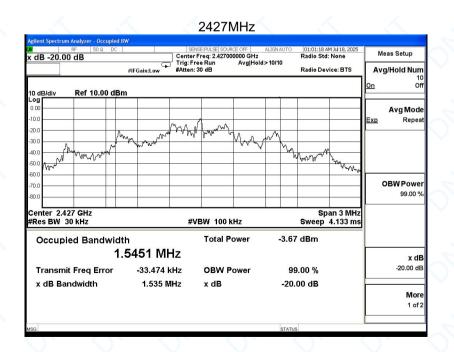
# 3.2 20dB Occupied Bandwidth

Test Requirement:	47 CFR Part 15C Section 15.215
Test Method:	ANSI C63.10:2013 Section 7.8.7
Test Setup:	Spectrum Analyzer  E.U.T
	Non-Conducted Table
	Ground Reference Plane
Instruments Used:	Refer to section 2.9 for details
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates
Final Test Mode:	Through Pre-scan, find the worst case
Limit:	no wider than 0.25% of the center frequency
Test Results:	Pass

### **Test Data:**

Test Frequency (MHz)	20dB Bandwidth (MHz)	Result
2427	1.535	Pass

### **Test Graphs**

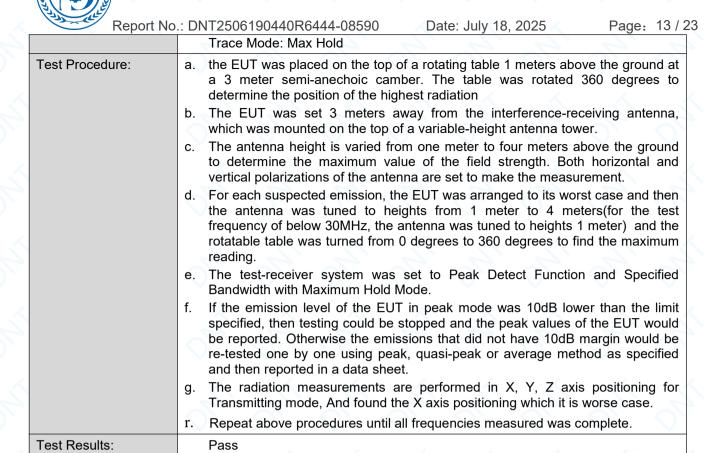




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# 3.3 Field Strength of Fundamental

Test Requirement:	47 CFR Part 15C Section 15.249(a)						
Test Method:	ANSI C63.10 :2020 Section 11.12						
Test Setup:	Turn Gro	Tanani	Antenna Tower				
Test Instruments:	Refer to section 2.9 for det	ails					
Exploratory Test Mode	e: Transmitting with all kind o	f modulations, data ra	tes				
Final Test Mode:	Through Pre-scan, find the	worst case					
Limit:	902-928MHz 2400-2483.5MHz 5725-5875MHz 24.0-24.25 The EUT fundament Limit& Peak Limit is s Fundamental frequency	al frequency is in 2400 show in below table: Field strength	Field strength of fundamental@3m (microvolts/meter)  50  50  50  250  equency is in 2400-2483.5MHz,So the Average in below table:  Field strength of fundamental@3m (dBµV/iiii)				
		Average Limi	t Pea	ak Limit			
	2400-2483.5MHz	94	9, 9,	114			
	Note:  1. Average Limit (dBµV/m)=20×log[1000×Field Strength (mV/m)].  2. Peak Limit (dBµV/m)= Average Limit (dBµV/m)+20dB						
Test Configuration:	RBW: ≥OBW  VBW: 3XRBW  Start frequency: 2400N  Stop frequency: 2483.5  Sweep Time: Auto  Detector: PEAK/AVG						

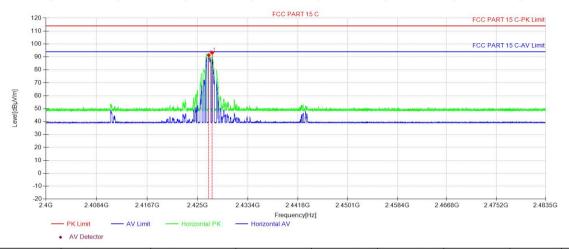




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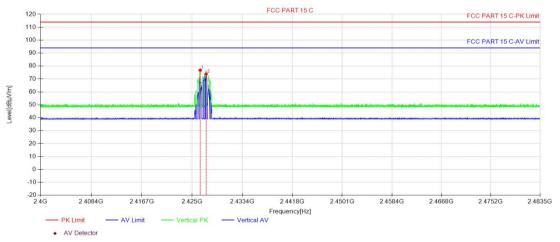
## Test Data 2427MHz

#### Horizontal:



NO.	Freq. [MHz]	Reading Level [dBµV]	Correct Factor [dB/m]	Result Level [dBµV/m]	Limit [dB	Margin [dB]	Height [cm]	Angle [°]	Remark
1	2427.49	93.89	-0.55	93.34	114.00	20.66	150	98	PK
2	2426.90	91.95	-0.56	91.39	94.00	2.61	150	294	AV

#### Vertical:



NO.	Freq. [MHz]	Reading Level [dBµV]	Correct Factor [dB/m]	Result Level [dBµV/m]	Limit [dB	Margin [dB]	Height [cm]	Angle [°]	Remark
1	2426.41	77.35	-0.56	76.79	114.00	37.21	150	257	PK
2	2427.37	74.27	-0.55	73.72	94.00	20.28	150	211	AV

#### Note

The Measurement (Result Level) is calculated by Reading Level adding the Correct Factor(maybe including LISN Factor and the Cable Factor etc.), The basic equation is as follows:
 Result Level= Reading Level + Correct Factor(including Ant.Factor, Cable Factor etc.)



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# 3.4 Radiated Spurious Emissions

Test Requirement:	47 CFR Part 15C Section 15.249(a) 47 CFR Part 15C Section 15.209 47 CFR Part 15C Section 15.205							
Test Method:	ANSI C63.10 :2020 Section 11.12							
Test Site:	Measurement Distance:	3m or 10m (Semi-	Anechoic Ch	amber)				
Receiver Setup:	Frequency	Detector	RBW	VBW	Remark			
	0.009MHz-0.090MHz	Peak	10kHz	30kHz	Peak			
	0.009MHz-0.090MHz	Average	10kHz	30kHz	Average			
	0.090MHz-0.110MHz	Quasi-peak	10kHz	30kHz	Quasi-peak			
	0.110MHz-0.490MHz	Peak	10kHz	30kHz	Peak			
	0.110MHz-0.490MHz	Average	10kHz	30kHz	Average			
	0.490MHz -30MHz	Quasi-peak	10kHz	30kHz	Quasi-peak			
	30MHz-1GHz	Quasi-peak	120kHz	300kHz	Quasi-peak			
	Above 1GHz	Peak	1MHz	3MHz	Peak			
Limit:	15.209 Radiated emission limits							
	Frequency	Field strength (microvolt/meter)	Limit (dBuV/m)	Remark	Measurement distance (m)			
	0.009MHz-0.490MHz	2400/F(kHz)		V-	300			
	0.490MHz-1.705MHz	24000/F(kHz)	- /	- /	30			
	1.705MHz-30MHz	30		<u>-</u>	30			
	30MHz-88MHz	100	40.0	Quasi-peak	3			
	88MHz-216MHz	150	43.5	Quasi-peak	3			
	216MHz-960MHz	200	46.0	Quasi-peak	3			
	960MHz-1GHz	500	54.0	Quasi-peak	3			
	Above 1GHz	500	54.0	Average	3			
	Remark:Unless otherwise specified, the limit on peak radio frequency emissions is 20dB above the maximum permitted average emission limit applicable to the equipment under test. This peak limit applies to the total peak emission level radiated by the device.  The limits on the field strength of the spurious emissions in the below table are based on the fundamental frequency of the intentional radiator. Spurious emissions shall be attenuated to the average (or, alternatively, CISPR quasi-peak) limits shown in this table or to the general limits shown in §15.209, whichever limit permits a higher field strength.							

The EUT fundamental frequency is 2400-2483.5MHz,So the Average Limit& Peak Limit is show in below table:

500

2500

Fundamental frequency	Field strength of spurious emission@3m (dBμV/m)					
(MHz)	Average Limit	Peak Limit				
2400-2483.5	54	74				

#### Note:

- 1.Average Limit (dBµV/m)=20×log[1000×Field Strength (mV/m)].
- 2.Peak Limit (dBµV/m)= Average Limit (dBµV/m)+20dB

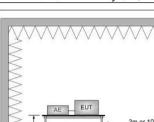
5725-5875MHz

24.0-24.25

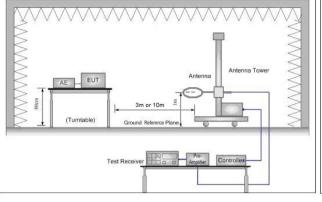
### 15.205 Restricted frequency band

MHz	MHz MHz		GHz
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
<sup>1</sup> 0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.025 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 - 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.52525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2690 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	( <sup>2</sup> )

### Test Setup:



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Figure 1. Below 30MHz

Figure 2. 30MHz to 1GHz

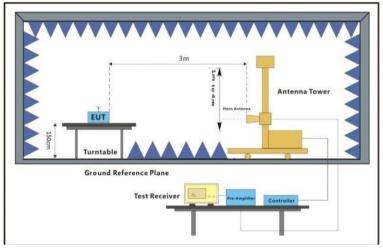


Figure 3. Above 1 GHz

### Test Procedure:

- For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic camber. The table was rotated 360 degrees to determine the position of the highest radiation.
- i. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter semi-anechoic camber. The table was rotated 360 degrees to determine the position of the highest radiation
- j. The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters(for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- m. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be retested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.
- Test the EUT in the lowest channel, the middle channel ,the Highest channel.
- The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, And found the X axis positioning which it is worse case.
- Repeat above procedures until all frequencies measured was complete.

Dongguan DN Testing Co., Ltd.

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Exploratory Test Mode: Transmitting with all kind of modulations, data rates. Transmitting mode.

Pretest the EUT at Transmitting mode.
Through Pre-scan, find the worst case.

Instruments Used: Refer to section 2.9 for details

Test Results: Pass



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### Test data

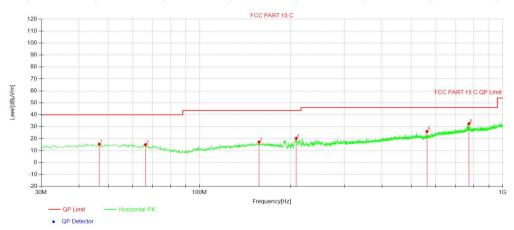
### For 30-1000MHz TX

### Vertical:



NO.	Freq. [MHz]	Reading Level [dBµV]	Correct Factor [dB/m]	Result Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Remark
1	34.27	29.46	-9.39	20.07	40.00	19.93	100	20	PK
2	56.97	31.81	-8.46	23.35	40.00	16.65	100	224	PK
3	87.24	32.39	-13.82	18.57	40.00	21.43	100	356	PK
4	110.53	33.38	-11.16	22.22	43.50	21.28	100	207	PK
5	176.89	30.47	-8.96	21.51	43.50	21.99	100	175	PK
6	766.38	30.26	3.65	33.91	46.00	12.09	100	224	PK

### Horizontal:



NO.	Freq. [MHz]	Reading Level [dBµV]	Correct Factor [dB/m]	Result Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Remark
1	46.69	23.61	-8.14	15.47	40.00	24.53	200	360	PK
2	66.29	24.48	-9.50	14.98	40.00	25.02	200	183	PK
3	157.10	24.96	-7.79	17.17	43.50	26.33	200	190	PK
4	208.52	31.30	-10.99	20.31	43.50	23.19	200	322	PK
5	562.64	27.55	-1.55	26.00	46.00	20.00	200	342	PK
6	774.72	28.73	3.86	32.59	46.00	13.41	200	353	PK

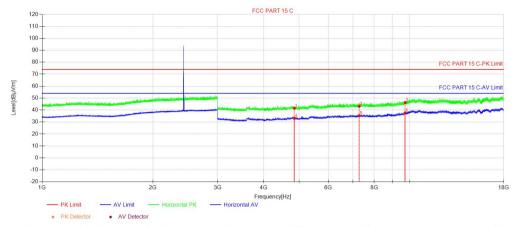


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### For above 1GHz TX

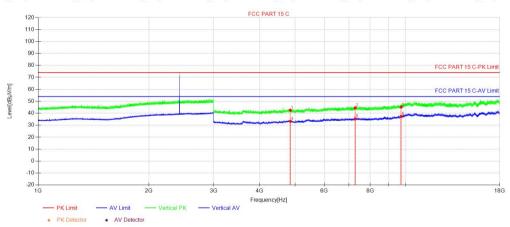
### 2427MHz

### Horizontal:



NO.	Freq. [MHz]	Reading Level [dBµV]	Correct Factor [dB/m]	Result Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Remark
1	4854.09	46.14	-4.67	41.47	74.00	32.53	150	188	PK
2	7281.21	44.67	-1.59	43.08	74.00	30.92	150	79	PK
3	9708.34	44.89	1.36	46.25	74.00	27.75	150	111	PK
4	4854.09	37.65	-4.67	32.98	54.00	21.02	150	9	AV
5	7281.21	36.91	-1.59	35.32	54.00	18.68	150	322	AV
6	9708.34	36.28	1.36	37.64	54.00	16.36	150	188	AV

### Vertical:



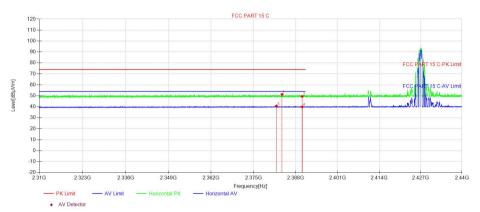
NO.	Freq. [MHz]	Reading Level [dBµV]	Correct Factor [dB/m]	Result Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Remark
1	4854.09	47.24	-4.67	42.57	74.00	31.43	150	353	PK
2	7281.21	46.10	-1.59	44.51	74.00	29.49	150	22	PK
3	9708.34	43.74	1.36	45.10	74.00	28.90	150	201	PK
4	4854.09	37.97	-4.67	33.30	54.00	20.70	150	169	AV
5	7281.21	36.91	-1.59	35.32	54.00	18.68	150	207	AV
6	9708.34	36.04	1.36	37.40	54.00	16.60	150	112	AV



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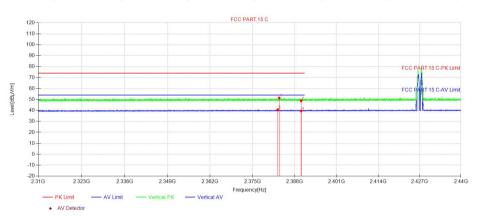
#### 2427MHz

#### Horizontal:



NO.	Freq. [MHz]	Reading Level [dBµV]	Correct Factor [dB/m]	Result Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Remark
1	2383.80	52.13	-0.82	51.31	74.00	22.69	150	293	PK
2	2390.01	50.17	-0.80	49.37	74.00	24.63	150	311	PK
3	2382.05	41.45	-0.83	40.62	54.00	13.38	150	302	AV
4	2390.01	40.70	-0.80	39.90	54.00	14.10	150	267	AV

#### Vertical:



NO.	Freq. [MHz]	Reading Level [dBµV]	Correct Factor [dB/m]	Result Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Remark
1	2383.22	52.12	-0.83	51.29	74.00	22.71	150	244	PK
2	2390.01	49.58	-0.80	48.78	74.00	25.22	150	337	PK
3	2382.79	41.38	-0.83	40.55	54.00	13.45	150	279	AV
4	2390.01	40.32	-0.80	39.52	54.00	14.48	150	295	AV

#### Note:

- The Measurement (Result Level) is calculated by Reading Level adding the Correct Factor(maybe including Ant.Factor and the Cable Factor etc.), The basic equation is as follows:
   Measurement Level= Reading Level + Correct Factor(including LISN Factor, Cable Factor etc.)
- 2. The amplitude of 9KHz to 30MHz spurious emission that is attenuated by more than 20dB below the permissible limit has no need to be reported.
- 3. The amplitude of 18GHz to 25GHz spurious emission that is attenuated by more than 20dB below the permissible limit has no need to be report.

Dongguan DN Testing Co., Ltd.



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# 3.5 AC Power Line Conducted Emissions

Test Requirement:	47 CFR Part 15C Section 15.207							
Test Method:	ANSI C63.10: 2020							
Test Frequency Range:	150kHz to 30MHz	9, 9,	4, 4, 4					
Limit:	Fragueray range (MIII-)	Limit (dBuV)						
	Frequency range (MHz)	Quasi-peak	Average					
	0.15-0.5	66 to 56*	56 to 46*					
	0.5-5	56	46					
	5-30	60	50					
	* Decreases with the logarit	hm of the frequency.	X X X					
Test Procedure:	1) The mains terminal disturoom. 2) The EUT was connected Impedance Stabilization Ne impedance. The power cable a second LISN 2, which was plane in the same way as the multiple socket outlet strip wingle LISN provided the rate 3) The tabletop EUT was performed of the EUT shall be 0.4 m frowertical ground reference plane. The LISN aunit under test and bonded mounted on top of the ground between the closest points of the EUT and associated equal norder to find the maximum equipment and all of the interest.	I to AC power source thro twork) which provides a 5 es of all other units of the s bonded to the ground re the LISN 1 for the unit bein was used to connect multip ting of the LISN was not e laced upon a non-metallic d for floor-standing arrang bund reference plane, with a vertical ground reference was bonded to the ho 1 was placed 0.8 m from the to a ground reference plane and reference plane. This could fully the LISN 1 and the EUT uipment was at least 0.8 m m emission, the relative poerface cables must be char	augh a LISN 1 (Line 10Ω/50μH + 5Ω linear EUT were connected to a present the power cables to a exceeded. It table 0.8m above the gement, the EUT was become plane. The rear ference plane. The prizontal ground the boundary of the ne for LISNs distance was T. All other units of the positions of					
rest detap.	Shielding Room  EUT  AC Mains  LISN1	AE LISN2 - AG	Test Receiver					

Exploratory Test Mode:

Transmitting with all kind of modulations, data rates at lowest, middle and highest channel.

Ground Reference Plane

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Charge + Transmitting mode.

Through Pre-scan, find the 6.5Mbps of rate of 802.11n(HT20) at lowest channel is the worst case.
Charge + Transmitting mode.
Only the worst case is recorded in the report.

Instruments Used: Refer to section 2.9 for details

Test Results: N/A

---END REPORT---