

Report No.: NTC2107081FV00

FCC RADIO TEST REPORT

Applicant...... : Foshan Nanhai Raytech Electrical Appliance Company Ltd.

Address...... : Seven Stars District XiQiao Section, Nanhai Foshan, Guangdong, P.R. China

Manufacturer.....: Foshan Nanhai Raytech Electrical Appliance Company Ltd.

Address...... : Seven Stars District XiQiao Section, Nanhai Foshan, Guangdong, P.R. China

Factory.....: Foshan Nanhai Raytech Electrical Appliance Company Ltd.

Address......: Seven Stars District XiQiao Section, Nanhai Foshan, Guangdong, ₽.R. China

Product Name...... : The Wearable Remote Controlled Stimulator

Brand Name.....: Deia

Model No. : 6720

FCC ID..... : 2A2VRDE6720

Measurement Standard...... : 47 CFR FCC Part 15, Subpart C

Receipt Date of Samples.... : June 25, 2021

Date of Tested.....: June 25, 2021 to August 30, 2021

Date of Report.....: August 30, 2021

This report shows that above equipment is technically compliant with the requirements of the standards above. All test results in this report apply only to the tested sample(s). Without prior written approval of Dongguan Nore Testing Center Co., Ltd, this report shall not be reproduced except in full.

Prepared by

Rose Hu / Project Engineer



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Revision History

Report Number	Description	Issued Date
NTC2107081FV00	Initial Issue	2021-08-30





1. Summary of Test Result

FCC Rules	Description of Test	Result	Remarks
§15.207 (a)	AC Power Conducted Emission	PASS	
§15.209	Radiated Emissions	PASS	
§15.215(c)	20dB Bandwidth	PASS	
§15.203	Antenna Requirement	PASS	





2. General Description of EUT

Product Information	
Product Name:	The Wearable Remote Controlled Stimulator
Main Model Name:	6720
Additional Model Name:	N/A
Model Difference:	N/A
S/N:	2106-3282
Brand Name:	Deia
Hardware Version:	V01
Software Version:	V01
Rating:	For wireless charging base unit: DC 5V come from USB port
Typical Arrangement:	Table-top
I/O Port:	USB Type C *1
Accessories Information	
Adapter:	N/A
Cable:	USB Line: 0.98cm unshielded
Other:	N/A
Additional Information	
Note:	This report only applies to wireless charging function.
Remark:	All the information above are provided by the manufacturer. More detailed feature of the EUT please refers to the user manual.



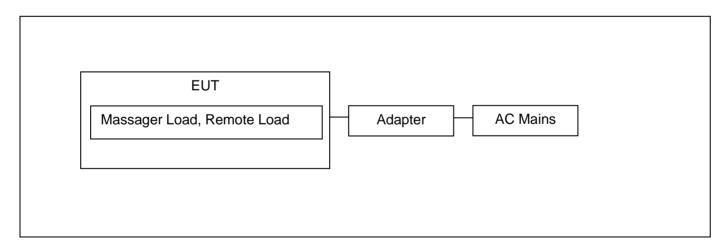


Technical Specification	
Frequency Range:	110.5-205KHz
Modulation Type:	FSK
Antenna Type:	Coil antenna
Output power for each coil:	1.5W

3. Test Channels and Modes Detail

Mode		Modulation
1.	Full Load	FSK
2.	Half Load	FSK
3.	Empty Load	FSK

4. Configuration of EUT



5. Modification of EUT

No modifications are made to the EUT during all test items.



6. Description of Support Device

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

No.	Equipment	Brand	M/N	S/N	Cable Specification	Remarks
1.	Massager Load, Remote Load					Provided by manufacturer

7. Test Facility and Location

Test Site	:	Dongguan Nore Testing Center Co., Ltd. (Dongguan NTC Co., Ltd.)
Accreditations and	:	The Laboratory has been assessed and proved to be in compliance with
Authorizations		CNAS/CL01
		Listed by CNAS, August 13, 2018
		The Certificate Registration Number is L5795.
		The Certificate is valid until August 13, 2024
		The Laboratory has been assessed and proved to be in compliance with ISO17025
		Listed by A2LA, November 01, 2017
		The Certificate Registration Number is 4429.01
		The Certificate is valid until December 31, 2021
		Listed by FCC, November 06, 2017
		Test Firm Registration Number is 907417
		Listed by Industry Canada, June 08, 2017
		The Certificate Registration Number is 46405-9743A
		The CAB identifier number is CN0015
Test Site Location	:	Building D, Gaosheng Science and Technology Park, Hongtu Road, Nancheng
		District, Dongguan City, Guangdong Province, China



8. Applicable Standards and References

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

Test Standards:

47 CFR Part 15, Subpart C ANSI C63.10-2013

References Test Guidance:

N/A

9. Deviations and Abnormalities from Standard Conditions

No additions, deviations and exclusions from the standard.

10. Test Conditions

No.	Test Item	Test Mode	Test Voltage	Tested by	Remarks
1.	AC Power Conducted Emission	1-3	AC 120V 60Hz	Sean Yuan	See note 1
2.	Radiated Emissions	1-3	AC 120V 60Hz	Sean Yuan	See note 1
3.	20dB Bandwidth	1	AC 120V 60Hz	Sean Yuan	See note 1
4.	Antenna Requirement				See note 1

Note:

- 1. The testing climatic conditions for temperature, humidity, and atmospheric pressure are within: 15~35℃, 30~70%, 86~106kPa.
- 2. For the test voltage AC 120V 60Hz was come from power adapter, only the worst case was recorded in this report.
- 3. As the EUT can be operated multiple positions, all X,Y,Z axis were considered during the test and only the worst case X was recorded.





11. Measurement Uncertainty

No.	Test Item	Frequency	Uncertainty	Remarks
1.	Conducted Emission	150KHz ~ 30MHz	±2.52 dB	
		9kHz ~ 30MHz	±2.60 dB	
2.	Radiated Emission Test	30MHz ~ 1GHz	±4.68 dB	
		1GHz ~ 18GHz	±5.14 dB	
		18GHz ~ 40GHz	±5.14 dB	
3.	RF Conducted Test	10Hz ~ 40GHz	±1.06 dB	

Note:

- 1. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.
- 2. The measurement uncertainly levels above are estimated and calculated according to CISPR 16-4-2.
- 3. The conformity assessment statement in this report is based solely on the test results, measurement uncertainty is excluded.





12. Sample Calculations

	Conducted Emission						
Freq. Reading Level Correct Factor Measurement Limit Over (MHz) (dBuV) (dB) (dBuV) (dBuV) (dB)						Detector	
0.1900	30.10	10.60	40.70	79.00	-38.30	QP	

Where,

Freq. = Emission frequency in MHz

Reading Level = Uncorrected Analyzer/Receiver reading

Corrector Factor = Insertion loss of LISN + Cable Loss + RF Switching Unit attenuation

Measurement = Reading + Corrector Factor

Limit = Limit stated in standard

Margin = Measurement - Limit

Detector = Reading for Quasi-Peak / Average / Peak

Radiated Spurious Emissions and Restricted Bands							
Freq. (MHz)	· Detector						
60.0700	45.88	-18.38	27.50	49.00	-21.50	QP	

Where,

Freq. = Emission frequency in MHz

Reading Level = Uncorrected Analyzer/Receiver reading

Corrector Factor = Antenna Factor + Cable Loss - Pre-amplifier

Measurement = Reading + Corrector Factor

Limit = Limit stated in standard

Over = Margin, which calculated by Measurement - Limit

Detector = Reading for Quasi-Peak / Average / Peak

Note: For all conducted test items, the spectrum analyzer offset or transducer is derived from RF cable loss and attenuator factor. The offset or transducer is equal to the RF cable loss plus attenuator factor.



13. Test Items and Results

13.1 Conducted Emissions Measurement

LIMITS

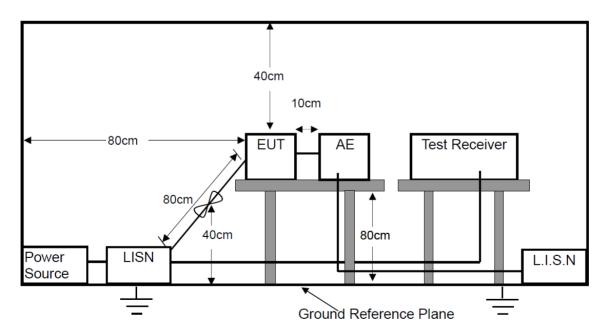
According to the requirements of FCC PART 15.207, the limits are as follows:

Frequency (MHz)	Quasi-peak	Average
0.15 to 0.5	66 to 56	56 to 46
0.5 to 5	56	46
5 to 30	60	50

Note: 1. If the limits for the average detector are met when using the quasi-peak detector, then the limits for the measurements with the average detector are considered to be met.

- 2. The lower limit shall apply at the transition frequencies.
- 3. The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5MHz.

BLOCK DIAGRAM OF TEST SETUP







TEST PROCEDURES

- a. The EUT was placed on a wooden table 0.8m height from the metal ground plan and 0.4m from the conducting wall of the shielding room and it was kept at 0.8m from any other grounded conducting surface.
- b. All I/O cables and support devices were positioned as per ANSI C63.10.
- c. Connect mains power port of the EUT to a line impedance stabilization network (LISN).
- d. Connect all support devices to the other LISN and AAN, if needed.
- e. Scan the frequency range from 150KHz to 30MHz at both sides of AC line for maximum conducted interference checking and record the test data.

TEST RESULTS

PASS

Please refer to the following pages of the worst case.





12

26.6500

2.34

10.79

13.13

50.00

-36.87

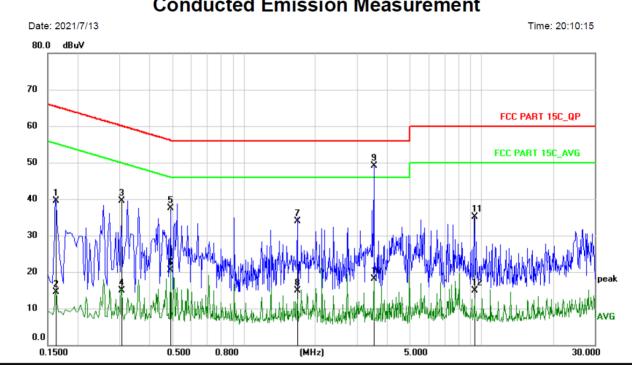
AVG

И/N: 67	20					Testi	ing Voltage	e: AC 120V / 60Hz
Phase: I	_1					Dete	ctor: QP 8	a AVG
Test Mo	de: 1							
Dat 80 .	e: 2021/7/13 .0 dBuV	С	onduc	cted Er	nissio	n Mea	surem	ent Time: 20:08:49
70								
60								FCC PART 15C_QP
50								FCC PART 15C_AVG
4 0 30	Mnw	WALL	3 4 4 1 1 1 1	ا الله	5	id John.	Z M.L	3 11
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20 10	W. W.							12 peak
20 10 0.0			0.500	800			5.000	WANTED AND THE PROPERTY OF THE
20 10 0.0	.1500 Freq.	Reading	Correct	.800 Measure- ment	(MHz)	Over	5.000	
20 10 0.0 0	.1500					Over	5.000	WANTED AND THE PROPERTY OF THE
20 10 0.0 0	. 1500 Freq.	Reading Level	Correct Factor	Measure- ment	Limit			30.000
20 10 0.0 0 No. Mk.	Freq.	Reading Level	Correct Factor	Measure- ment dBuV	Limit dBuV	dB	Detector	30.000
20 10 0.0 0 No. Mk.	Freq. MHz 0.1900	Reading Level dBuV 29.62	Correct Factor dB 10.60	Measure- ment dBuV 40.22	Limit dBu√ 64.04	dB -23.82	Detector QP	30.000
20 10 0.0 0 No. Mk.	Freq. MHz 0.1900 0.1900	Reading Level dBuV 29.62 8.90	Correct Factor dB 10.60	Measurement dBuV 40.22 19.50	Limit dBuV 64.04 54.04	dB -23.82 -34.54	Detector QP AVG	30.000
20 10 0.0 0 No. Mk.	Freq. MHz 0.1900 0.1900 0.4900	Reading Level dBuV 29.62 8.90 27.84	Correct Factor dB 10.60 10.60 10.63	Measure- ment dBu√ 40.22 19.50 38.47	Limit dBuV 64.04 54.04 56.17	dB -23.82 -34.54 -17.70	Detector QP AVG QP	30.000
20 10 0.0 0 No. Mk.	Freq. MHz 0.1900 0.1900 0.4900 0.4900	Reading Level dBuV 29.62 8.90 27.84 19.00	Correct Factor dB 10.60 10.60 10.63	Measure- ment dBuV 40.22 19.50 38.47 29.63	Limit dBuV 64.04 54.04 56.17 46.17	dB -23.82 -34.54 -17.70 -16.54	Detector QP AVG QP AVG	30.000
20 10 0.0 0 No. Mk.	Freq. MHz 0.1900 0.1900 0.4900 0.4900 1.9859	Reading Level dBuV 29.62 8.90 27.84 19.00 24.71	Correct Factor dB 10.60 10.60 10.63 10.63	Measurement dBuV 40.22 19.50 38.47 29.63 35.41	Limit dBuV 64.04 54.04 56.17 46.17 56.00	dB -23.82 -34.54 -17.70 -16.54 -20.59	Detector QP AVG QP AVG QP	30.000
20 10 0.0 0 No. Mk.	Freq. MHz 0.1900 0.1900 0.4900 1.9859 1.9859	Reading Level dBuV 29.62 8.90 27.84 19.00 24.71 18.86	Correct Factor dB 10.60 10.63 10.63 10.70 10.70	Measure- ment dBuV 40.22 19.50 38.47 29.63 35.41 29.56	Limit dBuV 64.04 54.04 56.17 46.17 56.00 46.00	dB -23.82 -34.54 -17.70 -16.54 -20.59 -16.44	Detector QP AVG QP AVG QP AVG	30.000
20 10 0.0 0 No. Mk.	Freq. MHz 0.1900 0.1900 0.4900 1.9859 1.9859 4.2179	Reading Level dBuV 29.62 8.90 27.84 19.00 24.71 18.86 24.43	Correct Factor dB 10.60 10.63 10.63 10.70 10.70 10.71	Measurement dBuV 40.22 19.50 38.47 29.63 35.41 29.56 35.14	bimit dBuV 64.04 54.04 56.17 46.17 56.00 46.00 56.00	dB -23.82 -34.54 -17.70 -16.54 -20.59 -16.44 -20.86	Detector QP AVG QP AVG QP AVG QP AVG	30.000
20 10 0.0 0 No. Mk. 1 2 3 4 5 6 * 7	Freq. MHz 0.1900 0.1900 0.4900 1.9859 1.9859 4.2179 4.2179	Reading Level dBuV 29.62 8.90 27.84 19.00 24.71 18.86 24.43 16.31	Correct Factor dB 10.60 10.63 10.70 10.70 10.71	Measurement dBuV 40.22 19.50 38.47 29.63 35.41 29.56 35.14 27.02	Limit dBuV 64.04 54.04 56.17 46.17 56.00 46.00 56.00 46.00	dB -23.82 -34.54 -17.70 -16.54 -20.59 -16.44 -20.86 -18.98	Detector QP AVG QP AVG QP AVG QP AVG	30.000





M/N: 6720	Testing Voltage: AC 120V / 60Hz				
Phase: N	Detector: QP & AVG				
Test Mode: 1					
Conducted Emission Measurement					



No. Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
	MHz	dBu∀	dB	dBu∨	dBu∀	dB	Detector	Comment
1	0.1620	28.96	10.60	39.56	65.36	-25.80	QP	
2	0.1620	3.95	10.60	14.55	55.36	-40.81	AVG	
3	0.3059	28.96	10.60	39.56	60.08	-20.52	QP	
4	0.3059	4.27	10.60	14.87	50.08	-35.21	AVG	
5	0.4939	26.82	10.63	37.45	56.10	-18.65	QP	
6	0.4939	9.82	10.63	20.45	46.10	-25.65	AVG	
7	1.6819	23.25	10.70	33.95	56.00	-22.05	QP	
8	1.6819	4.30	10.70	15.00	46.00	-31.00	AVG	
9 *	3.5379	38.49	10.71	49.20	56.00	-6.80	QP	
10	3.5379	7.41	10.71	18.12	46.00	-27.88	AVG	
11	9.3139	24.33	10.73	35.06	60.00	-24.94	QP	
12	9.3139	4.23	10.73	14.96	50.00	-35.04	AVG	





13.2 Radiated Spurious Emissions and Restricted Bands Measurement

LIMITS

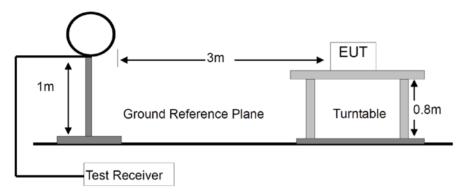
Frequency range	Distance Meters	Field Strengths Limit (15.209)			
MHz	Diotalios Motors	μV/m			
0.009 ~ 0.490	300	2400/F	F(kHz)		
0.490 ~ 1.705	30	24000/	F(kHz)		
1.705 ~ 30	30	3	0		
30 ~ 88	3	10	00		
88 ~ 216	3	150			
216 ~ 960	3	200			
Above 960	3	500			
Frequency range	Distance Meters	Field Strengths	Limit (15.249)		
MHz		mV/m (Field strength of fundamental)	μV/m (Field strength of Harmonics)		
902 ~ 928	3	50	500		
2400 ~ 2483.5	3	50	500		
5725 ~ 5875	3	50 500			
24000 ~ 2425000	3	250	2500		

- Remark: (1) Emission level (dB) μ V = 20 log Emission level μ V/m
 - (2) The smaller limit shall apply at the cross point between two frequency bands.
 - (3) As shown in 15.35(b), for frequencies above 1000MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20dB under any condition of modulation.
 - (4) The frequency range scanned is from the lowest radio frequency signal generated in the device which is greater than 9 kHz to the tenth harmonic of the highest fundamental frequency or 40 GHz, whichever is lower.
 - (5) §15.249(d) specifies that emissions which fall in the restricted bands, as defined in §15.205 comply with radiated emission limits specified in §15.209.

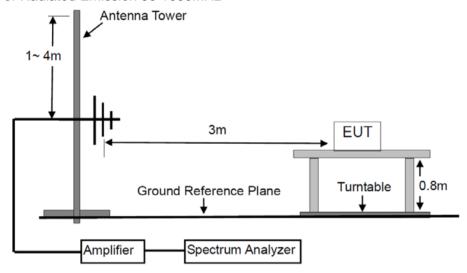


BLOCK DIAGRAM OF TEST SETUP

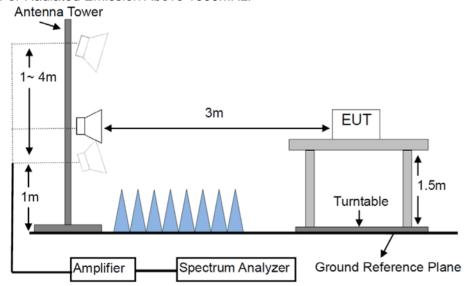
For Radiated Emission below 30MHz



For Radiated Emission 30-1000MHz



For Radiated Emission Above 1000MHz.





TEST PROCEDURES

- a. Below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi- anechoic chamber room.
- b. For the radiated emission test above 1GHz:
 - The EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter full anechoic chamber room. The table was rotated 360 degrees to determine the position of the highest radiation. Place the measurement antenna away from each area of the EUT determined to be a source of emissions at the specified measurement distance, while keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response. The measurement antenna may have to be higher or lower than the EUT, depending on the radiation pattern of the emission and staying aimed at the emission source for receiving the maximum signal. The final measurement antenna elevation shall be that which maximizes the emissions. The measurement antenna elevation for maximum emissions shall be restricted to a range of heights of from 1 m to 4 m above the ground or reference ground plane.
- c. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- d. The height of antenna 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.
- e. 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 and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading. The test-receiver system was set to peak detect function and specified bandwidth with maximum hold mode.
- f. A Quasi-peak measurement was then made for that frequency point for below 1GHz test. PK and AV for above 1GHz emission test.

During the radiated emission test, the spectrum analyzer was set with the following configurations:

Frequency Band	Detector	Resolution Bandwidth	Video Bandwidth
9KHz to 150KHz	QP	300Hz	1KHz
150KHz to 30MHz	QP	10KHz	30KHz
30MHz to 1000MHz	QP	120 KHz	300 KHz
Above 1000MHz	Peak	1 MHz	3 MHz
Above 1000IVIHZ	Average	1 MHz	10 Hz





TEST RESULTS

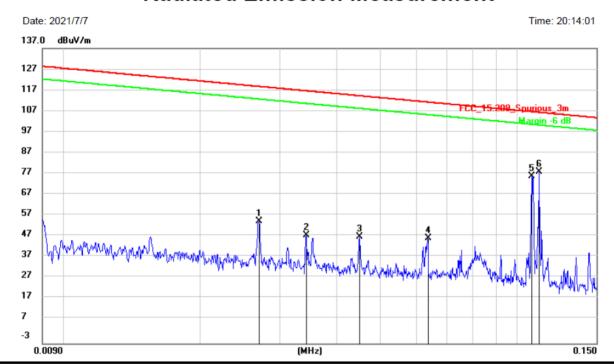
PASS

Please refer to the following pages of the worst case.





M/N: 6720	Testing Voltage: AC 120V 60Hz			
Polarization: Horizontal	Detector: QP			
Test Mode: 1	Distance: 3m			

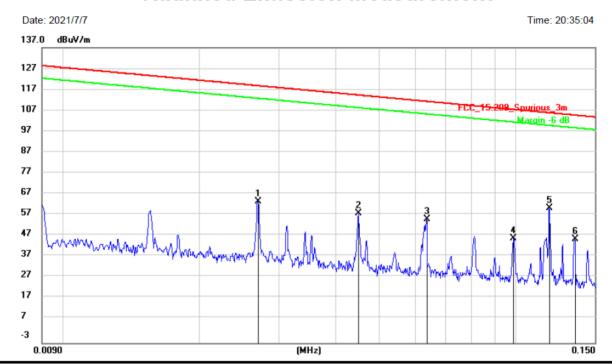


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over			
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment	
1		0.0270	34.41	20.49	54.90	118.84	-63.94	peak		
2		0.0343	27.71	20.52	48.23	116.77	-68.54	peak		
3		0.0450	27.12	20.59	47.71	114.42	-66.71	peak		
4		0.0636	26.38	20.53	46.91	111.44	-64.53	peak		
5		0.1079	55.66	20.54	76.20	106.87	-30.67	peak		
6	*	0.1122	57.91	20.53	78.44	106.53	-28.09	peak		





M/N: 6720	Testing Voltage: AC 120V 60Hz			
Polarization: Vertical	Detector: QP			
Test Mode: 1	Distance: 3m			

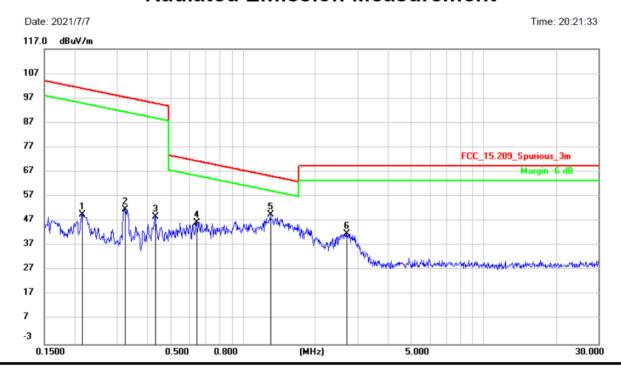


No. Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over			
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment	
1	0.0270	43.64	20.49	64.13	118.91	-54.78	peak		
2	0.0450	37.88	20.59	58.47	114.48	-56.01	peak		
3	0.0636	35.06	20.53	55.59	111.49	-55.90	peak		
4	0.0991	26.12	20.54	46.66	107.64	-60.98	peak		
5 *	0.1188	40.36	20.53	60.89	106.07	-45.18	peak		
6	0.1352	25.77	20.53	46.30	104.95	-58.65	peak		





M/N: 6720	Testing Voltage: AC 120V 60Hz				
Polarization: Horizontal	Detector: QP				
Test Mode: 1	Distance: 3m				

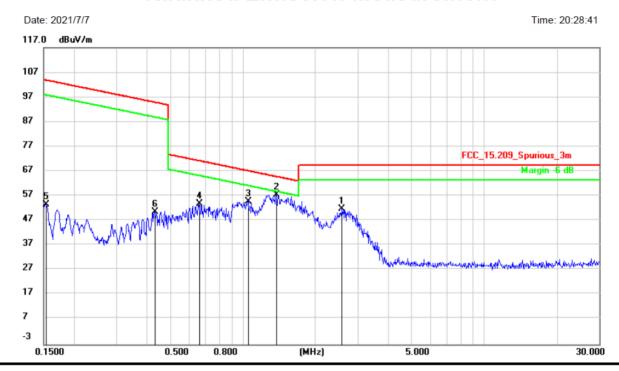


No. Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over			
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment	
1	0.2162	29.18	20.51	49.69	100.89	-51.20	peak		
2	0.3251	31.32	20.48	51.80	97.35	-45.55	peak		
3	0.4328	28.15	20.46	48.61	94.88	-46.27	peak		
4	0.6406	25.91	20.43	46.34	71.47	-25.13	peak		
5 *	1.3029	29.18	20.40	49.58	65.31	-15.73	peak		
6	2.6925	21.45	20.40	41.85	69.50	-27.65	peak		





M/N: 6720	Testing Voltage: AC 120V 60Hz
Polarization: Vertical	Detector: QP
Test Mode: 1	Distance: 3m

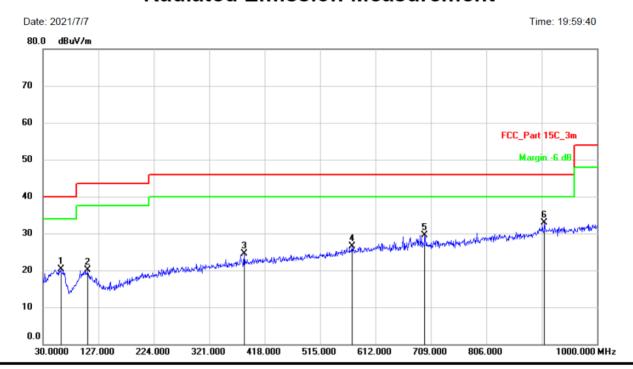


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over			
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment	
1		2.5807	31.29	20.40	51.69	69.50	-17.81	peak		
2	*	1.3738	37.16	20.40	57.56	64.85	-7.29	peak		
3		1.0541	34.44	20.40	54.84	67.15	-12.31	peak		
4		0.6578	33.43	20.43	53.86	71.24	-17.38	peak		
5		0.1532	32.98	20.52	53.50	103.84	-50.34	peak		
6		0.4328	29.96	20.46	50.42	94.87	-44.45	peak		





M/N: 6720	Testing Voltage: DC 16.8V
Polarization: Horizontal	Detector: QP
Test Mode: 1	Distance: 3m

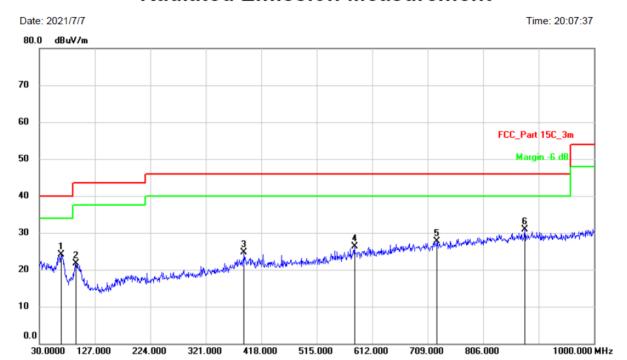


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over			
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment	
1		61.0400	27.65	-7.28	20.37	40.00	-19.63	QP		
2		108.5700	27.70	-7.54	20.16	43.50	-23.34	QP		
3		382.1099	28.22	-3.71	24.51	46.00	-21.49	QP		
4		571.2600	26.55	-0.14	26.41	46.00	-19.59	QP		
5		698.3300	27.30	2.13	29.43	46.00	-16.57	QP		
6	*	907.8500	26.61	6.22	32.83	46.00	-13.17	QP		





M/N: 6720	Testing Voltage: DC 16.8V
Polarization: Vertical	Detector: QP
Test Mode: 1	Distance: 3m



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over			
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment	
1		67.8300	34.12	-10.06	24.06	40.00	-15.94	QP		
2		94.0199	31.09	-9.46	21.63	43.50	-21.87	QP		
3		387.9300	29.32	-4.59	24.73	46.00	-21.27	QP		
4		580.9600	26.99	-0.74	26.25	46.00	-19.75	QP		
5		725.4900	25.12	2.64	27.76	46.00	-18.24	QP		
6	*	878.7500	25.92	4.93	30.85	46.00	-15.15	QP		





13.3 20dB Bandwidth Measurement

LIMITS

There is no limit.

BLOCK DIAGRAM OF TEST SETUP

EUT	Attenuator		Spectrum Analyzer
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TEST PROCEDURES

The 20dB bandwidth of the emission was contained within the frequency band designated which the EUT operated. The effects, if any, from frequency sweeping, frequency hopping, other modulation techniques and frequency stability over excepted variations in temperature and supply voltage were considered, FCC Rule 15.35:

The antenna port of the EUT was connected to the input of a spectrum analyzer. Analyzer RBW was chosen so that the display was a result of the tested channel modulation. For each RF output channel investigated, the spectrum analyzer center frequency was set to the channel carrier. Use the spectrum 20dB down delta function to measure the bandwidth.

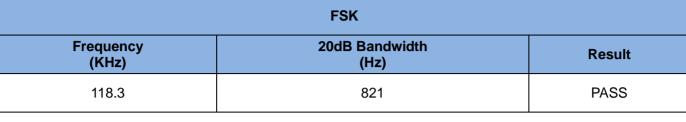
TEST RESULTS

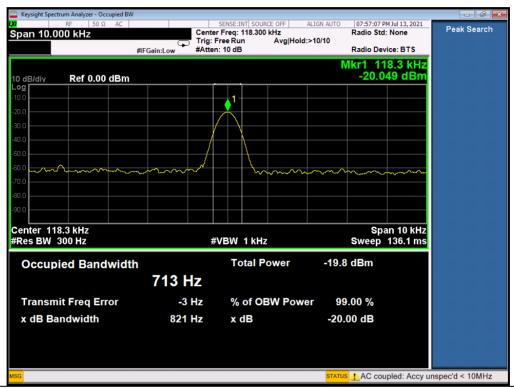
PASS

Please refer to the following table.











13.4 Antenna Requirement

STANDARD APPLICABLE

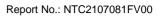
According to of FCC part 15C section 15.203:

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.

Systems operating in the 2400-2483.5MHz band that are used exclusively for fixed, point-to-point operations may employ transmitting antennas with directional gain greater than 6dBi provided the maximum peak output power of the intentional radiator is reduced by 1dB for every 3dB that the directional gain of the antenna exceeds 6dBi.

ANTENNA CONNECTED CONSTRUCTION

The antenna is Coil antenna that no antenna other than furnished by the responsible party shall be used with the device. Therefore, the antenna is consider meet the requirement.





14. Test Equipment List

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Test Receiver	Rohde & Schwarz	ESCI7	100837	Mar. 13, 2021	1 Year
2.	Antenna	Schwarzbeck	VULB9162	9162-010	Mar. 23, 2021	1 Year
3.	Spectrum Analyzer	Rohde & Schwarz	FSU26	200409/026	Mar. 13, 2021	1 Year
4.	Spectrum Analyzer	Keysight	N9020A	MY54200831	Mar. 13, 2021	1 Year
5.	Spectrum Analyzer	Rohde & Schwarz	FSV40	101094	Mar. 13, 2021	1 Year
6.	Horn Antenna	Schwarzbeck	BBHA9170	9170-172	Mar. 22, 2021	2 Year
7.	Power Sensor	DARE	RPR3006W	15I00041SNO 64	Mar. 13, 2021	1 Year
8.	Communication Tester	Rohde & Schwarz	CMW500	149004	Mar. 13, 2021	1 Year
9.	Horn Antenna	COM-Power	AH-118	071078	Mar. 23, 2021	1 Year
10.	Pre-Amplifier	HP	HP 8449B	3008A00964	Mar. 13, 2021	1 Year
11.	Pre-Amplifier	HP	HP 8447D	1145A00203	Mar. 13, 2021	1 Year
12.	Loop Antenna	Schwarzbeck	FMZB 1513	1513-272	Mar. 23, 2021	1 Year
13.	Test Receiver	Rohde & Schwarz	ESCI	101152	Mar. 14, 2021	1 Year
14.	L.I.S.N	Rohde & Schwarz	ENV 216	101317	Mar. 13, 2021	1 Year
15.	L.I.S.N	Rohde & Schwarz	ESH2-Z5	893606/014	Mar. 13, 2021	1 Year
16.	RF Switching Unit	Compliance Direction Systems Inc.	RSU-M2	38311	Mar.13, 2021	1 Year
17.	Temperature & Humidity Chamber	REMAFEE	SYHR225L	N/A	Mar. 13, 2021	1 Year
18.	DC Source	Maynuo	MY8811	N/A	Mar. 13, 2021	1 Year
19.	Temporary antenna connector	TESCOM	SS402	N/A	N/A	N/A
20.	Chamber	SAEMC	9*7*7m	N/A	Apr. 21, 2021	2 Year
21.	Test Software	EZ	EZ_EMC	N/A	N/A	N/A

Note: For photographs of EUT and measurement, please refer to appendix in separate documents.