



TEST REPORT

Applicant: Dongguan Yuzhenrong Trading Co., Ltd.

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Town Dongguan City Guangdong China

FCC ID: 2A3JH-PC361A

Product Name: WIRELESS MECHANICAL KEYBOARD

Model: PC361A

Standard(s): 47 CFR Part 15, Subpart C(15.249)

ANSI C63.10-2013

The above equipment has been tested and found compliant with the requirement of the relative standards by China Certification ICT Co., Ltd (Dongguan)

Report Number: CR22080049-00A

Date Of Issue: 2022-10-11

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Test Facility

The Test site used by China Certification ICT Co., Ltd (Dongguan) to collect test data is located on the No. 113, Pingkang Road, Dalang Town, Dongguan, Guangdong, China.

Report No.: CR22080049-00A

The lab has been recognized as the FCC accredited lab under the KDB 974614 D01 and is listed in the FCC Public Access Link (PAL) database, FCC Registration No.: 442868, the FCC Designation No.: CN1314.

The lab has been recognized by Innovation, Science and Economic Development Canada to test to Canadian radio equipment requirements, the CAB identifier: CN0123.

Declarations

China Certification ICT Co., Ltd (Dongguan) is not responsible for the authenticity of any test data provided by the applicant. Data included from the applicant that may affect test results are marked with a triangle symbol "\(\Lambda \)". Customer model name, addresses, names, trademarks etc. are not considered data.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

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CONTENTS

TEST FACILITY	2
DECLARATIONS	2
1. GENERAL INFORMATION	4
1.1 PRODUCT DESCRIPTION FOR EQUIPMENT UNDER TEST (EUT)	4
1.2 DESCRIPTION OF TEST CONFIGURATION	5
1.2.2 Support Equipment List and Details	5
1.2.3 Support Cable List and Details	
1.2.4 Block Diagram of Test Setup	
2. SUMMARY OF TEST RESULTS	9
3. REQUIREMENTS AND TEST PROCEDURES	
3.1 AC LINE CONDUCTED EMISSIONS	
3.1.1 Applicable Standard	10
3.1.2 EUT Setup	
3.1.3 EMI Test Receiver Setup	
3.1.5 Corrected Amplitude & Margin Calculation	12
3.2 RADIATED EMISSIONS	13
3.2.1 Applicable Standard	
3.2.2 EUT Setup	
3.2.4 Test Procedure	
3.2.5 Corrected Amplitude & Margin Calculation	
3.3 20 DB EMISSION BANDWIDTH:	16
3.3.1 Applicable Standard	
3.3.2 EUT Setup	
3.4 ANTENNA REQUIREMENT	
3.4.1 Applicable Standard	17
3.4.2 Judgment	
4. Test DATA AND RESULTS	18
4.1 AC LINE CONDUCTED EMISSIONS	18
4.2 RADIATION SPURIOUS EMISSIONS	21
4.3 20 DB EMISSION BANDWIDTH:	27
5. RF EXPOSURE EVALUATION	29
5.1 APPLICABLE STANDARD	29
5.2 MEASUREMENT RESULT	29

1. GENERAL INFORMATION

1.1 Product Description for Equipment under Test (EUT)

EUT Name:	WIRELESS MECHANICAL KEYBOARD	
EUT Model:	PC361A	
Operation Frequency:	2403-2480 MHz	
Modulation Type:	GFSK	
Rated Input Voltage:	DC 3.7V from battery or DC 5V from USB Port	
Serial Number:	CR22080049-RF-S1	
EUT Received Date:	2022.08.31	
EUT Received Status:	Good	

Report No.: CR22080049-00A

Operation Frequency Detail:

Operation Frequency	Detail:		
Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	2403	9	2409
2	2424	10	2429
3	2441	11	2455
4	2461	12	2475
5	2414	13	2419
6	2435	14	2445
7	2450	15	2465
8	2470	16	2480
Per section 15.31(m), the below frequencies were performed the test as below:			

Test Channel Frequency (MHz)

Lowest 2403

Middle 2441 Highest 2480

Antenna Information Detail ▲:

Antenna Manufacturer	Antenna Type	input impedance (Ohm)	/Frequency Range	Antenna Gain
Dongguan Yuzhenrong Trading Co., Ltd.	PCB	50	2.4~2.5GHz	2.24 dBi
The Method of §15.203 Compliance:				

Antenna must use a unique type of connector to attach to the ELL

Antenna must use a unique type of connector to attach to the EUT.

Unit must be professionally installed, and installer shall be responsible for verifying that the correct antenna is employed with the unit.

Accessory Information:

No Accessory.

1.2 Description of Test Configuration

1.2.1 EUT Operation Condition:

EUT Operation Mode:	The system was configured for testing in Engineering Mode, which was provided by the manufacturer.		
Equipment Modifications:	No		
EUT Exercise Software: No			
Engineering Mode was provided by manufacturer ▲. The maximum power was configured default setting. The channel switched by keys			

Report No.: CR22080049-00A

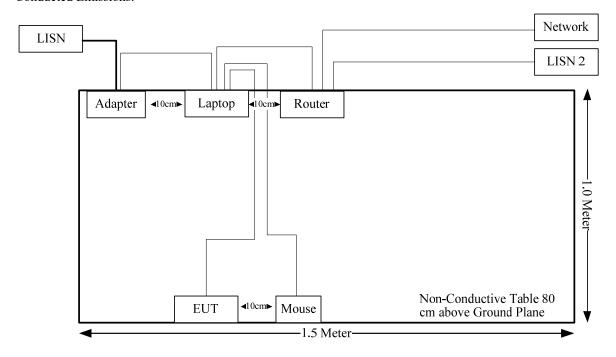
1.2.2 Support Equipment List and Details

Manufacturer	Description	Model	Serial Number
DELL	Laptop	E6410	GMLGPM1
PHILIPS	Mouse	SPK7214	M214BQ210411115
ZIONCOM	Router	MB-R210-00	EMZBWR21103001

1.2.3 Support Cable List and Details

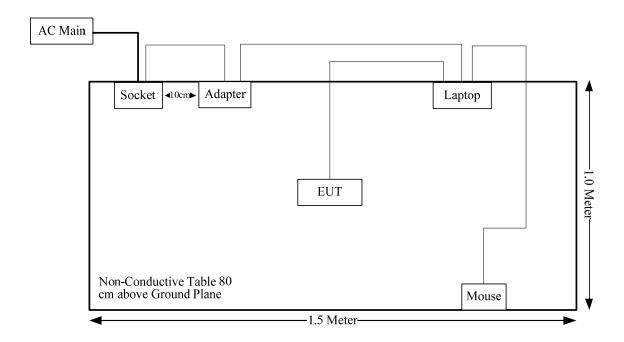
Cable Description	Shielding Type	Ferrite Core	Length (m)	From Port	То
USB Cable	Yes	Yes	1.5	Laptop	EUT
USB Extend Cable	Yes	Yes	1.5	Laptop	USB Cable
RJ45 Cable	Yes	No	1.0	Laptop	Router
RJ45 Cable	Yes	No	5.0	Network	Router

1.2.4 Block Diagram of Test Setup Conducted Emissions:

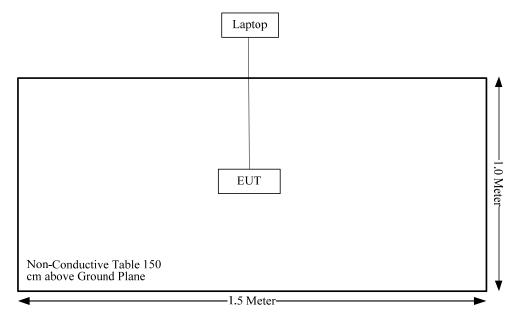


Report No.: CR22080049-00A

Radiated Emissions: Below 1GHz:



Above 1GHz:



1.3 Measurement Uncertainty

Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty. The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval.

Parameter	Measurement Uncertainty	
Occupied Channel Bandwidth	±5 %	
Unwanted Emissions, radiated	30M~200MHz: 4.15 dB,200M~1GHz: 5.61 dB,1G~6GHz: 5.14 d 6G~18GHz: 5.93 dB,18G~26.5G:5.47 dB,26.5G~40G:5.63 dE	
Temperature	±1 ℃	
Humidity	±5%	
DC and low frequency voltages	±0.4%	
Duty Cycle	1%	
AC Power Lines Conducted Emission	2.8 dB (150 kHz to 30 MHz)	

2. SUMMARY OF TEST RESULTS

Standard(s)/Rule(s)	Description of Test	Result
§15.207(a)	Conduction Emissions	Compliant
15.205, §15.209, §15.249	Radiated Emissions	Compliant
§15.215 (c)	20 dB Bandwidth	Compliant
§15.203	Antenna Requirement	Compliant
§1.1310 & §2.1093	RF Exposure	Compliant

3. REQUIREMENTS AND TEST PROCEDURES

3.1 AC Line Conducted Emissions

3.1.1 Applicable Standard

FCC§15.207(a).

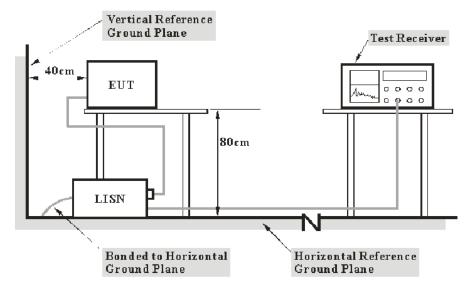
(a) Except as shown in paragraphs (b) and (c) of this section, for an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies, within the band 150 kHz to 30 MHz, shall not exceed the limits in the following table, as measured using a 50 μ H/50 ohms line impedance stabilization network (LISN). Compliance with the provisions of this paragraph shall be based on the measurement of the radio frequency voltage between each power line and ground at the power terminal. The lower limit applies at the boundary between the frequency ranges.

	Conducted limit (dBµV)	
Frequency of emission (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 logarithm of the frequency.

- (b) The limit shown in paragraph (a) of this section shall not apply to carrier current systems operating as intentional radiators on frequencies below 30 MHz. In lieu thereof, these carrier current systems shall be subject to the following standards:
- (1) For carrier current system containing their fundamental emission within the frequency band 535-1705 kHz and intended to be received using a standard AM broadcast receiver: no limit on conducted emissions.
- (2) For all other carrier current systems: 1000 μV within the frequency band 535-1705 kHz, as measured using a 50 $\mu H/50$ ohms LISN.
- (3) Carrier current systems operating below 30 MHz are also subject to the radiated emission limits in §15.205, §15.209, §15.221, §15.223, or §15.227, as appropriate.
- (c) Measurements to demonstrate compliance with the conducted limits are not required for devices which only employ battery power for operation and which do not operate from the AC power lines or contain provisions for operation while connected to the AC power lines. Devices that include, or make provisions for, the use of battery chargers which permit operating while charging, AC adapters or battery eliminators or that connect to the AC power lines indirectly, obtaining their power through another device which is connected to the AC power lines, shall be tested to demonstrate compliance with the conducted limits.

3.1.2 EUT Setup



Report No.: CR22080049-00A

Note: 1. Support units were connected to second LISN.

2. Both of LISNs (AMN) 80 cm from EUT and at the least 80 cm from other units and other metal planes support units.

The setup of EUT is according with per ANSI C63.10-2013 measurement procedure. The specification used was with the FCC Part 15.207 limits.

The spacing between the peripherals was 10 cm.

The adapter or EUT was connected to the main LISN with a 120 V/60 Hz AC power source.

3.1.3 EMI Test Receiver Setup

The EMI test receiver was set to investigate the spectrum from 150 kHz to 30 MHz.

During the conducted emission test, the EMI test receiver was set with the following configurations:

Frequency Range	IF B/W
150 kHz – 30 MHz	9 kHz

3.1.4 Test Procedure

During the conducted emission test, the EUT was connected to the outlet of the first LISN.

The frequency and amplitude of the six highest ac power-line conducted emissions relative to the limit, measured over all the current-carrying conductors of the EUT power cords, and the operating frequency or frequency to which the EUT is tuned (if appropriate), should be reported, unless such emissions are more than 20 dB below the limit. AC power-line conducted emissions measurements are to be separately carried out only on each of the phase ("hot") line(s) and (if used) on the neutral line(s), but not on the ground [protective earth] line(s). If less than six emission frequencies are within 20 dB of the limit, then the noise level of the measuring instrument at representative frequencies should be reported. The specific conductor of the power-line cord for each of the reported emissions should be identified. Measure the six highest emissions with respect to the limit on each current-carrying conductor of each power cord associated with the EUT (but not the power cords of associated or peripheral equipment that are part of the test configuration). Then, report the six highest emissions with respect to the limit from among all the measurements identifying the frequency and specific current-carrying conductor identified with the emission. The six highest emissions should be reported for each of the current-carrying conductors, or the six highest emissions may be reported over all the current-carrying conductors.

Report No.: CR22080049-00A

3.1.5 Corrected Amplitude & Margin Calculation

The basic equation is as follows:

Result = Reading + Factor

Factor = attenuation caused by cable loss + voltage division factor of AMN

The "Margin" column of the following data tables indicates the degree of compliance within the applicable limit. The equation for margin calculation is as follows:

Margin = Limit - Result

3.2 Radiated Emissions

3.2.1 Applicable Standard

As per FCC§15.249 (a), except as provided in paragraph (b) of this section, the field strength of emissions from intentional radiators operated within these frequency bands shall comply with the following:

Report No.: CR22080049-00A

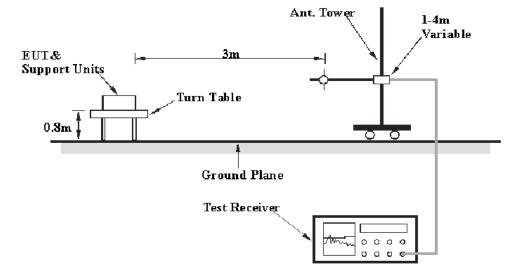
Fundamental frequency	Field strength of fundamental (millivolts/meter)	Field strength of harmonics (microvolts/meter)
902–928 MHz	50	500
2400–2483.5 MHz	50	500
5725–5875 MHz	50	500
24.0–24.25 GHz	250	2500

As per FCC§15.249 (c), Field strength limits are specified at a distance of 3 meters.

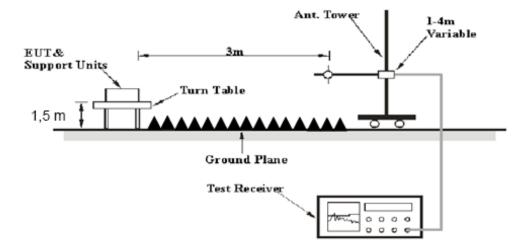
(d) Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in §15.209, whichever is the lesser attenuation.

3.2.2 EUT Setup

Below 1GHz:



Above 1GHz:



Report No.: CR22080049-00A

The radiated emissions were performed in the 3 meters distance, using the setup accordance with the ANSI C63.10-2013. The specification used was the FCC 15.209, and FCC 15.249 limits.

3.2.3 EMI Test Receiver & Spectrum Analyzer Setup

The system was investigated from 30 MHz to 25 GHz.

During the radiated emission test, the EMI test receiver & Spectrum Analyzer Setup were set with the following configurations:

Frequency Range	RBW	Video B/W	IF B/W	Measurement
30 MHz – 1000 MHz	120 kHz	300 kHz	120 kHz	QP
Above 1 GHz	1MHz	3 MHz	/	PK
Above I GHZ	1MHz	10 Hz	/	AV

If the maximized peak measured value complies with under the QP/Average limit more than 6dB, then it is unnecessary to perform an QP/Average measurement.

3.2.4 Test Procedure

Maximizing procedure was performed on the highest emissions to ensure that the EUT complied with all installation combinations.

Data was recorded in Quasi-peak detection mode for frequency range of 30 MHz - 1 GHz, peak and average detection modes for frequencies above 1 GHz.

3.2.5 Corrected Amplitude & Margin Calculation

The basic equation is as follows:

Result = Reading + Factor Factor = Antenna Factor + Cable Loss- Amplifier Gain

The "Margin" column of the following data tables indicates the degree of compliance within the applicable limit. The equation for margin calculation is as follows:

Report No.: CR22080049-00A

Margin = Limit - Result

3.3 20 dB Emission Bandwidth:

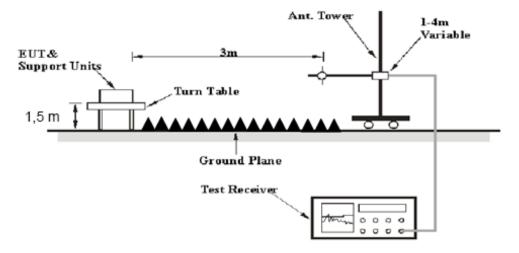
3.3.1 Applicable Standard

FCC §15.215

Intentional radiators operating under the alternative provisions to the general emission limits, as contained in §§ 15.217 through 15.257 and in Subpart E of this part, must be designed to ensure that the 20 dB bandwidth of the emission, or whatever bandwidth may otherwise be specified in the specific rule section under which the equipment operates, is contained within the frequency band designated in the rule section under which the equipment is operated.

Report No.: CR22080049-00A

3.3.2 EUT Setup



3.3.3Test Procedure

- 1. Measure the frequency difference of two frequencies that were attenuated 20 dB from the reference level. Record the frequency difference as the emission bandwidth.
- 2. Repeat above procedures until all frequencies measured were complete.

3.4 Antenna Requirement

3.4.1 Applicable Standard

FCC §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 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 user of a standard antenna jack or electrical connector is prohibited. The structure and application of the EUT were analyzed to determine compliance with section §15.203 of the rules. §15.203 state that the subject device must meet the following criteria:

Report No.: CR22080049-00A

- a. Antenna must be permanently attached to the unit.
- b. Antenna must use a unique type of connector to attach to the EUT.
- c. Unit must be professionally installed, and installer shall be responsible for verifying that the correct antenna is employed with the unit.

3.4.2 Judgment

Compliant. Please refer to the Antenna Information detail in Section 1.

4. Test DATA AND RESULTS

4.1 AC Line Conducted Emissions

Serial Number:	CR22080049-RF-S1	Test Date:	2022-09-06
Test Site:	CE	Test Mode:	Transmitting (Middle Channel was the worst)
Tester:	Vic Du	Test Result:	

Report No.: CR22080049-00A

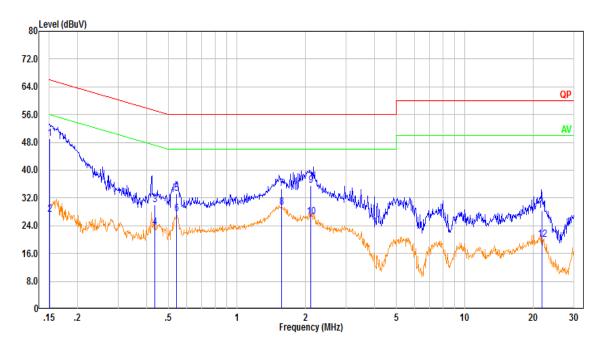
Environmental Conditions:							
Temperature: $(^{\circ}\mathbb{C})$	28.1	Relative Humidity: (%)	64	ATM Pressure: (kPa)	100.1		

Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	LISN	ENV216	101134	2022-04-01	2023-03-31
R&S	EMI Test Receiver	ESR3	102726	2022-07-15	2023-07-14
MICRO-COAX	Coaxial Cable	UTIFLEX	C-0200-01	2022-08-07	2023-08-06
Audix	Test Software	E3	190306 (V9)	N/A	N/A

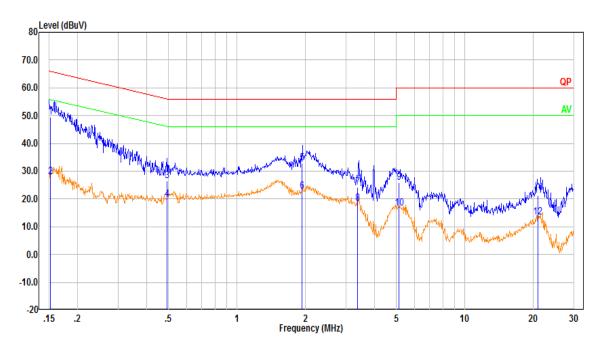
^{*} Statement of Traceability: China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Line:



No.	Frequency	Reading	Factor	Result	Limit	Margin	Detector
	(MHz)	(dBµV)	(dB)	(dBµV)	(dBµV)	(dB)	
1	0.150	39.43	9.61	49.04	65.98	16.94	QP
2	0.150	17.68	9.61	27.29	55.98	28.69	Average
3	0.435	20.41	9.61	30.02	57.16	27.14	QP
4	0.435	13.82	9.61	23.43	47.16	23.73	Average
5	0.544	23.74	9.61	33.35	56.00	22.65	QP
6	0.544	17.72	9.61	27.33	46.00	18.67	Average
7	1.564	25.02	9.63	34.64	56.00	21.36	QP
8	1.564	19.64	9.63	29.26	46.00	16.74	Average
9	2.102	25.97	9.63	35.60	56.00	20.40	QP
10	2.102	16.90	9.63	26.53	46.00	19.47	Average
11	21.777	18.67	9.81	28.48	60.00	31.52	QP
12	21.777	10.26	9.81	20.06	50.00	29.94	Average

Neutral:



No.	Frequency	Reading	Factor	Result	Limit	Margin	Detector
	(MHz)	(dBµV)	(dB)	(dBµV)	(dBµV)	(dB)	
1	0.152	39.78	9.61	49.39	65.91	16.52	QP
2	0.152	18.27	9.61	27.88	55.91	28.03	Average
3	0.493	16.98	9.61	26.59	56.12	29.53	QP
4	0.493	10.33	9.61	19.94	46.12	26.18	Average
5	1.925	23.40	9.63	33.03	56.00	22.97	QP
6	1.925	13.20	9.63	22.83	46.00	23.17	Average
7	3.375	14.57	9.65	24.22	56.00	31.78	QP
8	3.375	8.59	9.65	18.24	46.00	27.76	Average
9	5.149	16.22	9.66	25.88	60.00	34.12	QP
10	5.149	7.11	9.66	16.77	50.00	33.23	Average
11	20.858	11.70	9.71	21.41	60.00	38.59	QP
12	20.858	3.60	9.71	13.31	50.00	36.69	Average

4.2 Radiation Spurious Emissions

Serial Number:	CR22080049-RF-S1	Test Date:	2022-09-09~2022-09-20
Test Site:	966-1,966-2	Test Mode:	Transmitting
Tester:	Carl Xue, coco Tian	Test Result:	Pass

Report No.: CR22080049-00A

Environmental Conditions:							
Temperature: $(^{\circ}\mathbb{C})$	26.7~28.5	Relative Humidity: (%)	53~55	ATM Pressure: (kPa)	100.3~100.4		

Test Equipmen	Test Equipment List and Details:									
Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date					
Sunol Sciences	Antenna	JB6	A082520-5	2020-10-19	2023-10-18					
R&S	EMI Test Receiver	ESR3	102724	2022-07-15	2023-07-14					
TIMES MICROWAVE	Coaxial Cable	LMR-600- UltraFlex	C-0470-02	2022-07-17	2023-07-16					
TIMES MICROWAVE	Coaxial Cable	LMR-600- UltraFlex	C-0780-01	2022-07-17	2023-07-16					
Sonoma	Amplifier	310N	186165	2022-07-17	2023-07-16					
ETS-Lindgren	Horn Antenna	3115	9912-5985	2020-10-13	2023-10-12					
R&S	Spectrum Analyzer	FSV40	101591	2022-07-15	2023-07-14					
MICRO-COAX	Coaxial Cable	UFA210A-1- 1200-70U300	217423-008	2022-08-07	2023-08-06					
MICRO-COAX	Coaxial Cable	UFA210A-1- 2362-300300	235780-001	2022-08-07	2023-08-06					
Mini	Pre-amplifier	ZVA-183-S+	5969001149	2021-11-10	2022-11-09					
Audix	Test Software	E3	201021 (V9)	N/A	N/A					
PASTERNACK	Horn Antenna	PE9852/2F-20	112002	2021-02-05	2024-02-04					
AH	Preamplifier	PAM-1840VH	190	2021-11-19	2022-11-18					
MICRO-COAX	Coaxial Cable	UFB142A-1- 2362-200200	235772-001	2022-08-07	2023-08-06					
E-Microwave	Band Rejection Filter	2400-2483.5MHz	OE01902424	2022-08-07	2023-08-06					
Mini Circuits	High Pass Filter	VHF-6010+	31119	2022-08-07	2023-08-06					

^{*} Statement of Traceability: China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Test Data:

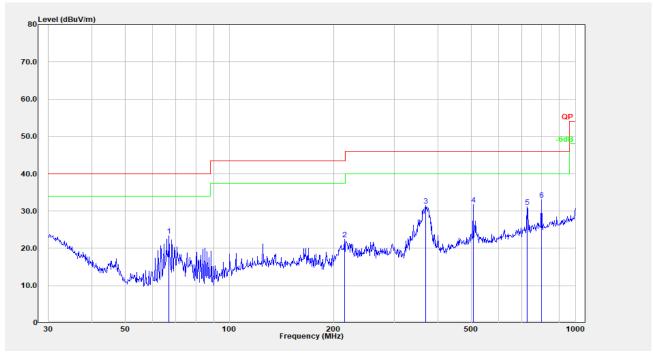
Please refer to the below table and plots.

Note: The device can be mounted in multiple orientations, test was performed with X,Y, Z Axis according to C63.10 figure 8, the worst orientation was photographed and it's data was recorded.

Test Data:

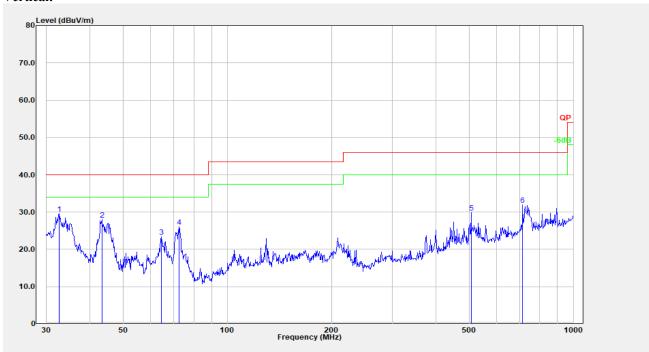
1) 30MHz-1GHz(Middle channel was the worst):

Horizontal:



No.	Frequency	Reading	Factor	Result	Limit	Margin	Detector
	(MHz)	(dBµV)	(dB/m)	(dBµV/m)	(dBµV/m)	(dB)	
1	66.967	40.18	-16.76	23.41	40.00	16.59	Peak
2	215.268	35.11	-12.62	22.48	43.50	21.02	Peak
3	369.405	40.96	-9.54	31.42	46.00	14.58	Peak
4	506.479	37.74	-5.89	31.85	46.00	14.15	Peak
5	726.805	34.15	-3.03	31.11	46.00	14.89	Peak
6	798.980	35.16	-2.17	32.99	46.00	13.01	Peak

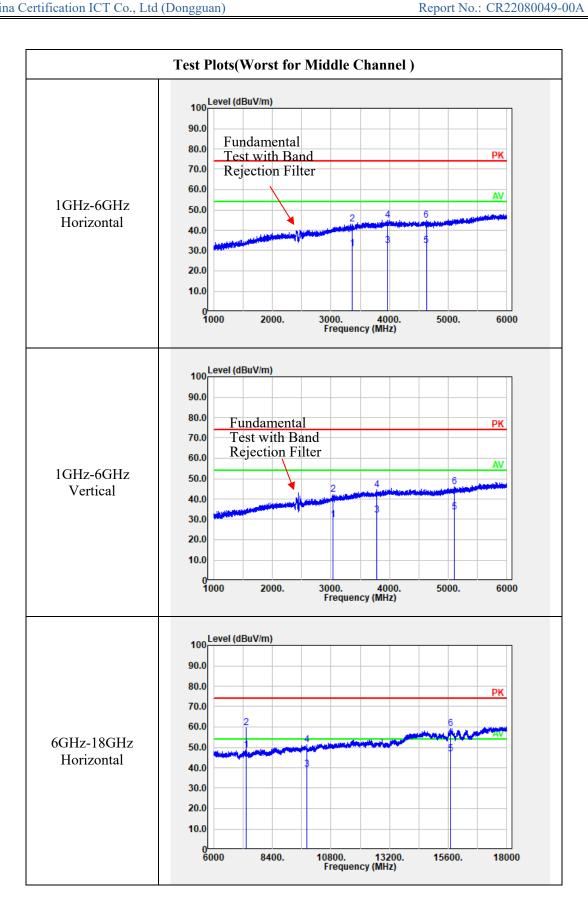
Vertical:



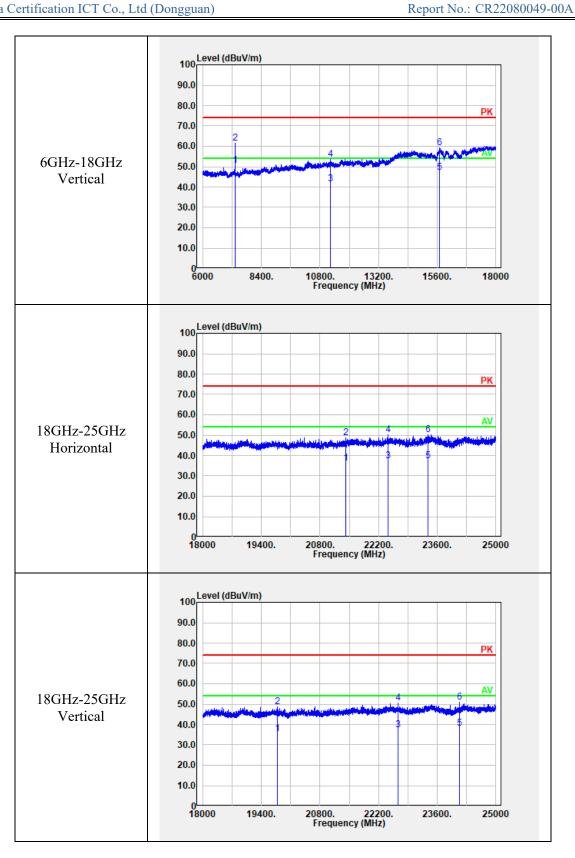
No.	Frequency	Reading	Factor	Result	Limit	Margin	Detector
	(MHz)	(dBµV)	(dB/m)	(dBµV/m)	(dBµV/m)	(dB)	
1	32.634	35.18	-5.63	29.56	40.00	10.44	Peak
2	43.353	41.27	-13.28	27.99	40.00	12.01	Peak
3	64.433	40.41	-16.99	23.42	40.00	16.58	Peak
4	72.592	42.74	-16.71	26.03	40.00	13.97	Peak
5	506.479	35.83	-5.89	29.94	46.00	16.06	Peak
6	714.173	35.39	-3.39	32.01	46.00	14.00	Peak

2) 1GHz-25GHz:

- 10Hz-23GH		eiver		.			
Frequency (MHz)	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB/m)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)
			Low Char	nnel: 2403 MH	Z		
2403.00	49.31	PK	Н	31.51	80.82	113.98	33.16
2403.00	41.09	AV	Н	31.51	72.60	93.98	21.38
2403.00	58.67	PK	V	31.51	90.18	113.98	23.80
2403.00	50.83	AV	V	31.51	82.34	93.98	11.64
2400.00	35.47	PK	V	31.50	66.97	74.00	7.03
2400.00	14.19	AV	V	31.50	45.69	54.00	8.31
4806.00	35.57	PK	V	10.92	46.49	74.00	27.51
4806.00	22.41	AV	V	10.92	33.33	54.00	20.67
7209.00	50.73	PK	V	14.24	64.97	74.00	9.03
7209.00	37.13	AV	V	14.24	51.37	54.00	2.63
		N	Middle Ch	annel: 2441 MI	Hz		
2441.00	49.08	PK	Н	31.61	80.69	113.98	33.29
2441.00	40.69	AV	Н	31.61	72.30	93.98	21.68
2441.00	56.25	PK	V	31.61	87.86	113.98	26.12
2441.00	48.11	AV	V	31.61	79.72	93.98	14.26
4882.00	33.92	PK	V	11.07	44.99	74.00	29.01
4882.00	22.06	AV	V	11.07	33.13	54.00	20.87
7323.00	48.11	PK	V	14.80	62.91	74.00	11.09
7323.00	37.32	AV	V	14.80	52.12	54.00	1.88
			High Cha	nnel: 2480 MH	Z		
2480.00	48.19	PK	Н	31.64	79.83	113.98	34.15
2480.00	39.67	AV	Н	31.64	71.31	93.98	22.67
2480.00	57.03	PK	V	31.64	88.67	113.98	25.31
2480.00	48.86	AV	V	31.64	80.50	93.98	13.48
2483.50	27.05	PK	V	31.64	58.69	74.00	15.31
2483.50	14.19	AV	V	31.64	45.83	54.00	8.17
4960.00	34.81	PK	V	11.23	46.04	74.00	27.96
4960.00	21.64	AV	V	11.23	32.87	54.00	21.13
7440.00	42.75	PK	V	15.26	58.01	74.00	15.99
7440.00	33.33	AV	V	15.26	48.59	54.00	5.41



Page 25 of 29



4.3 20 dB Emission Bandwidth:

Serial Number:	CR22080049-RF-S1	Test Date:	2022-10-10
Test Site:	966-1	Test Mode:	Transmitting
Tester:	coco Tian	Test Result:	Pass

Report No.: CR22080049-00A

Environmental Conditions:					
Temperature: $(^{\circ}\mathbb{C})$	27.1	Relative Humidity: (%)	43	ATM Pressure: (kPa)	101.4

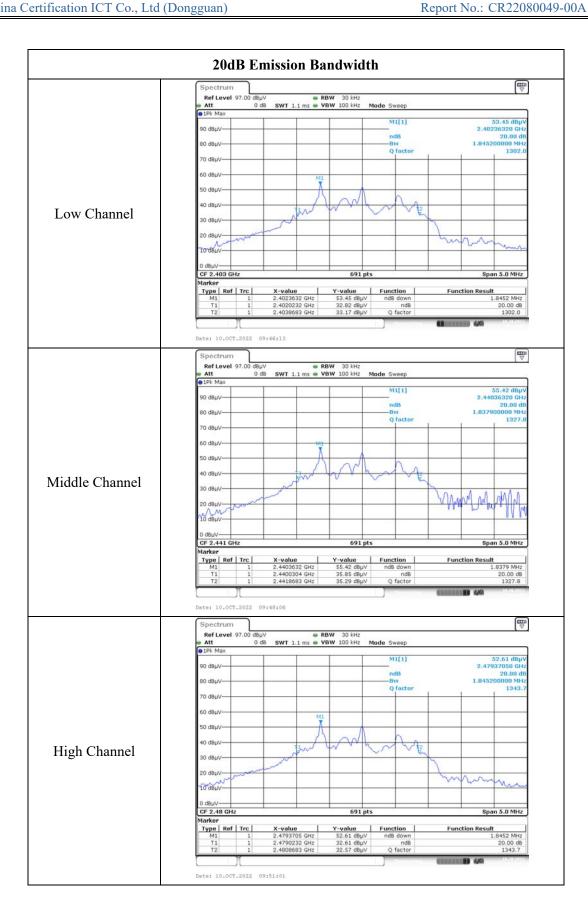
Test Equipment List and Details:

Tool Equipment 250 and 200ms					
Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
ETS-Lindgren	Horn Antenna	3115	9912-5985	2020-10-13	2023-10-12
R&S	Spectrum Analyzer	FSV40	101591	2022-07-15	2023-07-14
MICRO-COAX	Coaxial Cable	UFA210A-1-1200- 70U300	217423-008	2022-08-07	2023-08-06
MICRO-COAX	Coaxial Cable	UFA210A-1-2362- 300300	235780-001	2022-08-07	2023-08-06

^{*} Statement of Traceability: China Certification ICT Co., Ltd (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Test Data:

Test Channel	Test Frequency (MHz)	20 dB Bandwidth (MHz)
Low	2403	1.845
Middle	2441	1.838
High	2480	1.845



Page 28 of 29

5. RF EXPOSURE EVALUATION

5.1 Applicable Standard

According to 447498 D04 Interim General RF Exposure Guidance v01, clause 2.1.2- 1-mW Test Exemption:

Per §1.1307(b)(3)(i)(A), a single RF source is *exempt RF device* (from the requirement to show data demonstrating compliance to RF exposure limits, as previously mentioned) if the available maximum time-averaged power is no more than 1 mW, regardless of separation distance.

Report No.: CR22080049-00A

This exemption applies to all operating configurations and exposure conditions, for the frequency range 100 kHz to 100 GHz, regardless of fixed, mobile, or portable device exposure conditions. This is a standalone exemption, and it cannot be applied in conjunction with any other test exemption.

5.2 Measurement Result

Frequency	Conducted output power including Tune- up Tolerance		1-mW Test	
(MHz)	(dBm)	(mW)	Exemption	
2403-2480	-5.0	0.32	Compliant	

Note:

BLE and SRD can't can transmit simultaneously:

The Tune up power was declared by manufacturer.

Result: Compliant. RF Exposure is exemption.

===== END OF REPORT =====