Report No: CCISE200401302V02

# **FCC & IC REPORT**

(Bluetooth)

Applicant: COPPERNIC

Address of Applicant: 185 avenue Archimede, 13857 Aix en Provence, FRANCE

**Equipment Under Test (EUT)** 

Product Name: C-One<sup>2</sup> HF ASK

Model No.: C-One HF ASK

Trade mark: COPPERNIC

FCC ID: XGK-C-ONE-HF-ASK

Canada IC: 8402A-CONEHFASK

Applicable standards: FCC CFR Title 47 Part 15 Subpart C Section 15.247

RSS-Gen Issue 5, April 2018

RSS-247 Issue 2, February 2017

Date of sample receipt: 11 Nov., 2019

**Date of Test:** 12 Nov., 2019 to 10 Mar., 2020

Date of report issued: 16 Jun., 2020

Test Result: PASS \*

\* In the configuration tested, the EUT complied with the standards specified above.

#### Authorized Signature:



Bruce Zhang Laboratory Manager

This report details the results of the testing carried out on one sample. The results contained in this test report do not relate to other samples of the same product and does not permit the use of the CCIS product certification mark. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report.

This report may only be reproduced and distributed in full. If the product in this report is used in any configuration other than that detailed in the report, the manufacturer must ensure the new system complies with all relevant standards.

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### **Version**

Version No.	Date	Description
00	26 May, 2020	Original
01	12 Jun., 2020	Update page 4
02	16 Jun., 2020	Update Model No

Test Engineer

Winner Many Date: Tested by: 16 Jun., 2020

Reviewed by: 16 Jun., 2020

Project Engineer



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## 4 Test Summary

Tool Home	Se	Dogult	
Test Items	FCC	IC	Result
Antenna Requirement	15.203/15.247 (c)	/	Pass
AC Power Line Conducted Emission	15.207	RSS-GEN Section 8.8	Pass*
Conducted Peak Output Power	15.247 (b)(1)	RSS-247 Section 5.4 (b)	Pass*
20dB Occupied Bandwidth 99% Occupied Bandwidth	15.247 (a)(1)	RSS-247 Section 5.1 (a)	Pass*
Carrier Frequencies Separation	15.247 (a)(1)	RSS-247 Section 5.1 (b)	Pass*
Hopping Channel Number	15.247 (a)(1)	RSS-247 Section 5.1 (d)	Pass*
Dwell Time	15.247 (a)(1)	RSS-247 Section 5.1 (d)	Pass*
Spurious Emission	15.205/15.209	RSS-GEN Section 6.13 RSS-247 Section 5.5	Pass*
Band Edge	15.247(d)	RSS-GEN Section 8.10 RSS-247 Section 5.5	Pass*

#### Note:

- 1. Pass\*: please refer to FCC ID: XGK-C-ONE-LF-AGR, Canada IC: 8402A-CONELFAGR.
- Pass\*: Product FCC ID: XGK-C-ONE-LF-AGR, Canada IC: 8402A-CONELFAGR and another product FCC ID: XGK-C-ONE-HF-ASK, Canada IC: 8402A-CONEHFASK; Their internal structure, circuit design, layout, components and internal wiring are the same; GSM, WCDMA, LTE and BT, WiFi circuit design and antenna are also the same. The only difference is that the RFID module is different.



## 5 General Information

## **5.1 Client Information**

Applicant:	COPPERNIC
Address:	185 avenue Archimede, 13857 Aix en Provence, FRANCE
Manufacturer:	ASKEY COMPUTER Corp.
Address:	10 F, N°119, JIANKANG RD., ZHONGHE DIST., New Tapei City, TAIWAN

# 5.2 General Description of E.U.T.

Product Name:	C-One <sup>2</sup> HF ASK
Model No.:	C-One HF ASK
Operation Frequency:	2402MHz~2480MHz
Transfer rate:	1/2/3 Mbits/s
Number of channel:	79
Modulation type:	GFSK, π/4-DQPSK, 8DPSK
Modulation technology:	FHSS
Antenna Type:	Internal Antenna
Antenna gain:	2.52 dBi
Power supply:	Rechargeable Li-ion Battery DC3.7V-3300mAh
AC adapter with two plugs :	Model: SYS1561-1105-1
	Input: AC100-240V, 50/60Hz, 1A
	Output: DC 5.35V, 2A
Test Sample Condition:	The test samples were provided in good working order with no visible defects.

Operation	Operation Frequency each of channel for GFSK, π/4-DQPSK, 8DPSK						
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
0	2402MHz	20	2422MHz	40	2442MHz	60	2462MHz
1	2403MHz	21	2423MHz	41	2443MHz	61	2463MHz
2	2404MHz	22	2424MHz	42	2444MHz	62	2464MHz
3	2405MHz	23	2425MHz	43	2445MHz	63	2465MHz
4	2406MHz	24	2426MHz	44	2446MHz	64	2466MHz
5	2407MHz	25	2427MHz	45	2447MHz	65	2467MHz
							•••
15	2417MHz	35	2437MHz	55	2457MHz	75	2477MHz
16	2418MHz	36	2438MHz	56	2458MHz	76	2478MHz
17	2419MHz	37	2439MHz	57	2459MHz	77	2479MHz
18	2420MHz	38	2440MHz	58	2460MHz	78	2480MHz
19	2421MHz	39	2441MHz	59	2461MHz		
Remark: Cl	Remark: Channel 0, 39 &78 selected for GFSK, π/4-DQPSK and 8DPSK.						



### 5.3 Test environment and test mode

Operating Environment:				
Temperature:	24.0 °C			
Humidity:	54 % RH			
Atmospheric Pressure:	1010 mbar			
Test Modes:				
Non-hopping mode:	Keep the EUT in continuous transmitting mode with worst case data rate.			
Hopping mode:	Keep the EUT in hopping mode.			
Remark	GFSK (1 Mbps) is the worst case mode.			

The sample was placed 0.8m (below 1GHz)/1.5m (above 1GHz) above the ground plane of 3m chamber\*. Measurements in both horizontal and vertical polarities were performed. During the test, each emission was maximized by: having the EUT continuously working with a fresh battery, investigated all operating modes, rotated about all 3 axis (X, Y & Z) and considered typical configuration to obtain worst position, manipulating interconnecting cables, rotating the turntable, varying antenna height from 1m to 4m in both horizontal and vertical polarizations. The emissions worst-case are shown in Test Results of the following pages.

## 5.4 Description of Support Units

The EUT has been tested as an independent unit.

## 5.5 Measurement Uncertainty

Parameters	Expanded Uncertainty
Conducted Emission (9kHz ~ 30MHz)	±1.60 dB (k=2)
Radiated Emission (9kHz ~ 30MHz)	±3.12 dB (k=2)
Radiated Emission (30MHz ~ 1000MHz)	±4.32 dB (k=2)
Radiated Emission (1GHz ~ 18GHz)	±5.38 dB (k=2)
Radiated Emission (18GHz ~ 40GHz)	±3.36 dB (k=2)

### 5.6 Laboratory Facility

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

#### ● FCC - Designation No.: CN1211

Shenzhen Zhongjian Nanfang Testing 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 of Shenzhen Zhongjian Nanfang Testing Co., Ltd. has been Registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 10106A-1.

#### A2LA - Registration No.: 4346.01

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 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

# 5.7 Laboratory Location

Shenzhen Zhongjian Nanfang Testing Co., Ltd.

Address: No.110~116, Building B, Jinyuan Business Building, Xixiang Road,

Bao'an District, Shenzhen, Guangdong, China Tel: +86-755-23118282, Fax: +86-755-23116366

Email: info@ccis-cb.com, Website: http://www.ccis-cb.com

Shenzhen Zhongjian Nanfang Testing Co., Ltd. No.110~116, Building B, Jinyuan Business Building, Xixiang Road, Bao'an District, Shenzhen, Guangdong, China

Telephone: +86 (0) 755 23118282 Fax: +86 (0) 755 23116366



## 5.8 Test Instruments list

Radiated Emission:					
Test Equipment	Manufacturer	Model No.	Serial No.	Cal. Date (mm-dd-yy)	Cal. Due date (mm-dd-yy)
3m SAC	SAEMC	9m*6m*6m	966	07-22-2017	07-21-2020
Loop Antenna	SCHWARZBECK	FMZB1519B	00044	03-18-2019	03-17-2020
BiConiLog Antenna	SCHWARZBECK	VULB9163	497	03-18-2019	03-17-2020
Horn Antenna	SCHWARZBECK	BBHA9120D	916	03-18-2019	03-17-2020
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170582	11-18-2018	11-17-2019
nom Antenna	SCHWARZBECK	DDNA 9170	DDHA9170362	11-18-2019	11-17-2020
EMI Test Software	AUDIX	E3	6.110919b	N/A	N/A
Pre-amplifier	HP	8447D	2944A09358	03-18-2019	03-17-2020
Pre-amplifier	CD	PAP-1G18	11804	03-18-2019	03-17-2020
Spectrum analyzer	Rohde & Schwarz	FSP30	101454	03-18-2019	03-17-2020
Coostrum analyzar	Rohde & Schwarz	ESD40	100262	11-18-2018	11-17-2019
Spectrum analyzer	Ronde & Schwarz	nwarz FSP40 100363	100363	11-18-2019	11-17-2020
EMI Test Receiver	Rohde & Schwarz	ESRP7	101070	03-18-2019	03-17-2020
Cable	ZDECL	Z108-NJ-NJ-81	1608458	03-18-2019	03-17-2020
Cable	MICRO-COAX	MFR64639	K10742-5	03-18-2019	03-17-2020
Cable	SUHNER	SUCOFLEX100	58193/4PE	03-18-2019	03-17-2020

Conducted Emission:	Conducted Emission:				
Test Equipment	Manufacturer	Model No.	Serial No.	Cal. Date (mm-dd-yy)	Cal. Due date (mm-dd-yy)
EMI Test Receiver	Rohde & Schwarz	ESCI	101189	03-18-2019	03-17-2020
Pulse Limiter	SCHWARZBECK	OSRAM 2306	9731	03-18-2019	03-17-2020
LISN	CHASE	MN2050D	1447	03-18-2019	03-17-2020
LISN	Rohde & Schwarz	ESH3-Z5	8438621/010	07-21-2019	07-20-2020
Cable	HP	10503A	N/A	03-18-2019	03-17-2020
EMI Test Software	AUDIX	E3	6.110919b	N/A	N/A



### 6 Test results and measurement data

## 6.1 Antenna Requirement

#### **Standard requirement:** FCC Part 15 C Section 15.203 /247(c)

15.203 requirement:

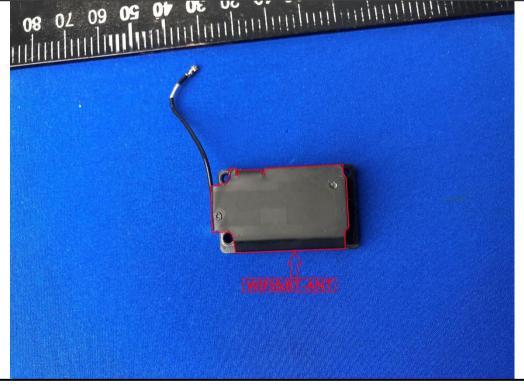
An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit 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(c) (1)(i) requirement:

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

#### **E.U.T Antenna:**

The Bluetooth antenna is an internal antenna which permanently attached, and the best case gain of the antenna is 2.52 dBi.





# **6.2 Conducted Emissions**

l K	OCC CENI Continu 0 0		
Took Mother de	RSS-GEN Section 8.8		
	NSI C63.10:2013		
Test Frequency Range: 1	50 kHz to 30 MHz		
Class / Severity: C	Class B		
Receiver setup: R	RBW=9 kHz, VBW=30 kH	Hz, Sweep time=auto	
Limit:	Frequency range	Limit (	dBuV)
	(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 loga	arithm of the frequency.	
Test setup:	Reference	Plane	_
£ £	AUX Equipment  Test table/Insulation plane  Remark E.U.T. Equipment Under Test LISN: Line Impedence Stabilization Net Test table height=0.8m	EMI Receiver	
2	<ol> <li>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.</li> <li>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).</li> <li>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 C63.4: 2014 on conducted measurement.</li> </ol>		
Test Instruments: R	Refer to section 5.8 for details		
Test mode:	lopping mode		
Test results:	Refer to FCC ID: XGK-C-	-ONE-LF-AGR, Canada IO	C: 8402A-CONELFAGR.



# **6.3 Conducted Output Power**

Test Requirement:	FCC Part 15 C Section 15.247 (b)(1)	
	RSS-247 section 5.4(b)	
Test Method:	ANSI C63.10:2013 and DA00-705	
Receiver setup:	RBW=1MHz, VBW=3MHz, Detector=Peak (If 20dB BW ≤1 MHz) RBW=3MHz, VBW=10MHz, Detector=Peak (If 20dB BW > 1 MHz and < 3MHz)	
Limit:	FCC: For frequency hopping systems operating in the 2400-2483.5 MHz band employing at least 75 non-overlapping hopping channels: 1 watt. For all other frequency hopping systems in the 2400-2483.5 MHz band: 0.125 watts.  IC: For FHSs operating in the band 2400-2483.5 MHz, the maximum peak conducted output power shall not exceed 1.0 W if the hopset uses 75 or more hopping channels; the maximum peak conducted output power shall not exceed 0.125 W if the hopset uses less than 75 hopping channels.	
Test setup:	Spectrum Analyzer  E.U.T  Non-Conducted Table  Ground Reference Plane	
Test Instruments:	Refer to section 5.8 for details	
Test mode:	Non-hopping mode	
Test results:	Refer to FCC ID: XGK-C-ONE-LF-AGR, Canada IC: 8402A-CONELFAGR.	



# 6.4 20dB Occupy Bandwidth

Test Requirement:	FCC Part 15 C Section 15.247 (a)(1) RSS-247 section 5.1(a)	
Test Method:	ANSI C63.10:2013 and DA00-705	
Receiver setup:	RBW=30 kHz, VBW=100 kHz, detector=Peak	
Limit:	N/A	
Test setup:	Spectrum Analyzer  E.U.T  Non-Conducted Table  Ground Reference Plane	
Test Instruments:	Refer to section 5.8 for details	
Test mode:	Non-hopping mode	
Test results:	Refer to FCC ID: XGK-C-ONE-LF-AGR, Canada IC: 8402A-CONELFAGR.	



# 6.5 Carrier Frequencies Separation

Test Requirement:	FCC Part 15 C Section 15.247 (a)(1) RSS-247 section 5.1(b)		
Test Method:	ANSI C63.10:2013 and DA00-705		
Receiver setup:	RBW=100 kHz, VBW=300 kHz, detector=Peak		
Limit:	0.025MHz or 2/3 of the 20dB bandwidth (whichever is greater)		
Test setup:	Spectrum Analyzer  E.U.T  Non-Conducted Table  Ground Reference Plane		
Test Instruments:	Refer to section 5.8 for details		
Test mode:	Hopping mode		
Test results:	Refer to FCC ID: XGK-C-ONE-LF-AGR, Canada IC: 8402A-CONELFAGR.		



# 6.6 Hopping Channel Number

Test Requirement:	FCC Part 15 C Section 15.247 (a)(1) RSS-247 section 5.1(d)		
Test Method:	ANSI C63.10:2013 and DA00-705		
Receiver setup:	RBW=100 kHz, VBW=300 kHz, Frequency range=2400MHz-2483.5MHz, Detector=Peak		
Limit:	15 channels		
Test setup:	Spectrum Analyzer  E.U.T  Non-Conducted Table  Ground Reference Plane		
Test Instruments:	Refer to section 5.8 for details		
Test mode:	Hopping mode		
Test results:	Refer to FCC ID: XGK-C-ONE-LF-AGR, Canada IC: 8402A-CONELFAGR.		



## 6.7 Dwell Time

Test Requirement:  Test Method:  Receiver setup:	FCC Part 15 C Section 15.247 (a)(1) RSS-247 section 5.1(d) ANSI C63.10:2013 and KDB DA00-705 RBW=1 MHz, VBW=1 MHz, Span=0 Hz, Detector=Peak	
Limit:	0.4 Second	
Test setup:	Spectrum Analyzer  E.U.T  Non-Conducted Table  Ground Reference Plane	
Test Instruments:	Refer to section 5.8 for details	
Test mode:	Hopping mode	
Test results:	Refer to FCC ID: XGK-C-ONE-LF-AGR, Canada IC: 8402A-CONELFAGR.	



## 6.8 Pseudorandom Frequency Hopping Sequence

### Test Requirement: FCC Part 15 C Section 15.247 (a)(1) and RSS 247 section 5.1 requirement:

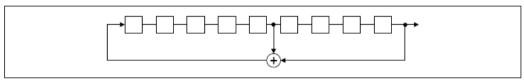
Frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or the 20 dB bandwidth of the hopping channel, whichever is greater.

Alternatively. Frequency hopping systems operating in the 2400-2483.5 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater, provided the systems operate with an output power no greater than 125 mW. The system shall hop to channel frequencies that are selected at the system hopping rate from a Pseudorandom ordered list of hopping frequencies. Each frequency must be used equally on the average by each transmitter. The system receivers shall have input bandwidths that match the hopping channel bandwidths of their corresponding transmitters and shall shift frequencies in synchronization with the transmitted signals.

#### **EUT Pseudorandom Frequency Hopping Sequence**

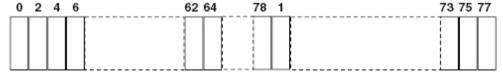
The pseudorandom sequence may be generated in a nine-stage shift register whose 5th and 9th stage outputs are added in a modulo-two addition stage. And the result is fed back to the input of the first stage. The sequence begins with the first ONE of 9 consecutive ONEs; i.e. the shift register is initialized with nine ones.

- Number of shift register stages: 9
- Length of pseudo-random sequence: 29-1 = 511 bits
- · Longest sequence of zeros: 8 (non-inverted signal)



Linear Feedback Shift Register for Generation of the PRBS sequence

An example of Pseudorandom Frequency Hopping Sequence as follow:



Each frequency used equally on the average by each transmitter.

The system receivers have input bandwidths that match the hopping channel bandwidths of their corresponding transmitters and shift frequencies in synchronization with the transmitted signals.



# 6.9 Band Edge

## 6.9.1 Conducted Emission Method

Test Requirement:	FCC Part 15 C Section 15.247 (d) RSS-247 section 5.5			
Test Method:	ANSI C63.10:2013 and DA00-705			
Receiver setup:	RBW=100 kHz, VBW=300 kHz, Detector=Peak			
Limit:	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum 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.			
Test setup:	Spectrum Analyzer  E.U.T  Non-Conducted Table  Ground Reference Plane			
Test Instruments:	Refer to section 5.8 for details			
Test mode:	Non-hopping mode and hopping mode			
Test results:	Refer to FCC ID: XGK-C-ONE-LF-AGR, Canada IC: 8402A-CONELFAGR.			



### 6.9.2 Radiated Emission Method

	FCC Part 15 C Section 15.209 and 15.205 RSS-GEN section 8.10							
Test Method: A	ANSI C63.10: 2013							
Test Frequency Range: 2	2.3GHz to 2.5GHz							
Test Distance: 3	m							
Receiver setup:	Frequency Detec		or	or RBW		Remark		
	Above 1GHz	Peak	Ĭ.	1MHz	3MHz	Peak Value		
		RMS		1MHz	3MHz	Average Value		
Limit:	Frequenc	СУ	Lim	it (dBuV/m @3 54.00		Remark		
	Above 1G	Hz		74.00		Average Value Peak Value		
Test setup:	AE (Tun	ntable)	3m Ground Refe	vence Plane	intenna Tower			
2 3 4	<ol> <li>The EUT was placed on the top of a rotating table 1.5meters above the ground at a 3 meter camber. The table was rotated 360 degrees to determine the position of the highest radiation.</li> <li>The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.</li> <li>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.</li> <li>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 rota table was turned from 0 degrees to 360 degrees to find the maximum reading.</li> <li>The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.</li> <li>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 re-tested one by one using peak, quasi-peak or</li> </ol>							
Test Instruments:	average method as specified and then reported in a data sheet.  Refer to section 5.8 for details							
Test mode: N	Non-hopping mode							
Test results:	Refer to FCC ID: XGK-C-ONE-LF-AGR, Canada IC: 8402A-CONELFAGR.							



# 6.10 Spurious Emission

### 6.10.1 Conducted Emission Method

Test Requirement:	FCC Part 15 C Section 15.247 (d) RSS-247 section 5.5		
Test Method:	ANSI C63.10:2013 and DA00-705		
Limit:	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum 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.		
Test setup:	Spectrum Analyzer  E.U.T  Non-Conducted Table  Ground Reference Plane		
Test Instruments:	Refer to section 5.8 for details		
Test mode:	Non-hopping mode		
Test results:	Refer to FCC ID: XGK-C-ONE-LF-AGR, Canada IC: 8402A-CONELFAGR.		



#### 6.10.2 Radiated Emission Method

	5.10.2 Radiated Emission Method				<del></del> 1			
Test Requirement:	FCC Part 15 C Section 15.209 and 15.205 RSS-Gen section 6.13							
Test Method:	ANSI C63.10: 2013							
Test Frequency Range:	9 kHz to 25 GHz	Z						
Test Distance:	3m							
Receiver setup:	Frequency	Detec	tor	RBW	VBV	V	/ Remark	
	30MHz-1GHz	Quasi-p	eak	120kHz	300kl	Hz	Quasi-peak Value	
	Above 1GHz	Peal	k	1MHz	1MHz 3MH		Peak Value	
	Above 1GHz	RMS	S 1MHz 3MH		3MH	lz	Average Value	
Limit:	Frequenc	у	Lim	nit (dBuV/m @3m)			Remark	
	30MHz-88M	1Hz	40.0				Quasi-peak Value	
	88MHz-216N	ИНz		43.5			Quasi-peak Value	
	216MHz-960	MHz		46.0			Quasi-peak Value	
	960MHz-1G	SHz		54.0			Quasi-peak Value	
	Above 1GI			54.0			Average Value	
	Above IGI	14	74.0				Peak Value	
	Antenna Tower  Search Antenna  RF Test Receiver  Ground Plane  Above 1GHz  Horn Antenna Tower  Test Receiver  Test Receiver							
				na Tower				





Test Procedure:	1. The EUT was placed on the top of a rotating table 0.8m(below 1GHz)
	/1.5m(above 1GHz) above the ground at a 3 meter chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
	<ol><li>The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.</li></ol>
	<ol> <li>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.</li> </ol>
	4. 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 rota table was turned from 0 degrees to 360 degrees to find the maximum reading.
	<ol><li>The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.</li></ol>
	6. 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 re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.
Test Instruments:	Refer to section 5.8 for details
Test mode:	Non-hopping mode
Test results:	Refer to FCC ID: XGK-C-ONE-LF-AGR, Canada IC: 8402A-CONELFAGR.