

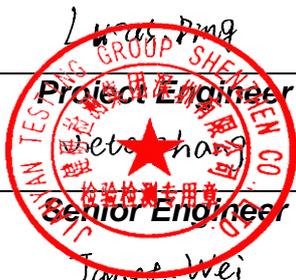
FCC RF Test Report

(BLE)

Report No.: JYTSZ-R12-2501011
Applicant: CoreHW Semiconductor Oy
Address of Applicant: Visiokatu 1, 33720 Tampere, Finland

Equipment Under Test (EUT)

Product Name: CoreLocator
Model No.: CHW-LOC4000
Trade Mark: CoreHW
FCC ID: 2BPQS-LOC4000
Applicable Standards: FCC CFR Title 47 Part 15C (§15.247)
Date of Sample Receipt: 22 May, 2025
Date of Test: 23 May, to 16 Jul., 2025
Date of Report Issued: 25 Jul., 2025
Test Result: PASS

Project by:	 Lucas Peng Project Engineer	Date:	25 Jul., 2025
Reviewed by:	Chen Chang Senior Engineer	Date:	25 Jul., 2025
Approved by:	James Wei Manager	Date:	25 Jul., 2025

This equipment has been shown to be capable of compliance with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in above the application standard version. Test results reported herein relate only to the item(s) tested.

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1 Version

Version No.	Date	Description
00	16 Jul., 2025	Original
01	25 Jul., 2025	Add section 5.2

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3 General Information

3.1 Client Information

Applicant:	CoreHW Semiconductor Oy
Address:	Visiokatu 1, 33720 Tampere, Finland
Manufacturer/Factory:	CoreHW Semiconductor Oy
Address:	Visiokatu 1, 33720 Tampere, Finland

3.2 General Description of E.U.T.

Product Name:	CoreLocator
Model No.:	CHW-LOC4000
Operation Frequency:	2402 MHz - 2480 MHz
Channel Numbers:	40
Channel Separation:	2MHz
Modulation Technology:	GFSK
Data Speed:	1 Mbps (LE 1M PHY), 2 Mbps (LE 2M PHY), 125 kbps (LE Coded PHY, S=8), 500 kbps (LE Coded PHY, S=2)
Antenna Type:	Internal Antenna
Antenna Gain:	-1.25 dBi (declare by applicant)
Antenna transmit mode:	SISO (1TX, 1RX)
AC Adapter:	Model: KSA-15E-051300HE Input: AC100-240V, 50/60Hz, 0.5A Output: DC 5.1V, 3.0A 15.3W
Test Sample Condition:	The test samples were provided in good working order with no visible defects.

3.3 Test Mode and Test Environment

Test Mode:	
Transmitting mode	Keep the EUT in continuous transmitting with modulation
Remark:	
<ol style="list-style-type: none"> For AC power line conducted emission and radiated spurious emission (below 1GHz), pre-scan all data speed, found 1 Mbps (LE 1M PHY) was worse case mode. The report only reflects the test data of worst mode. Channel Low, Mid and High for each type band with rated data rate were chosen for full testing. The field strength of spurious radiation emission was measured as EUT stand-up position (H mode) and lie down position (E1, E2 mode) for these modes. Just the worst case position (H mode) shown in report. 	
Operating Environment:	
Temperature:	15°C ~ 35°C
Humidity:	20 % ~ 75 % RH
Atmospheric Pressure:	1008 mbar
Voltage:	Nominal: 5.0Vdc, Extreme: Low 4.5Vdc, High 5.5Vdc
Test Engineer:	Hopper Li(Conducted measurement) Robin Gu(Radiated measurement)

3.4 Description of Test Auxiliary Equipment

The EUT has been tested as an independent unit.

3.5 Measurement Uncertainty

Parameter	Expanded Uncertainty (Confidence of 95%(U = 2Uc(y)))
Conducted Emission for LISN (9kHz ~ 150kHz)	±3.0 dB
Conducted Emission for LISN (150kHz ~ 30MHz)	±2.4 dB
Radiated Emission (30MHz ~ 200MHz) (3m SAC)	±4.6 dB
Radiated Emission (200MHz ~ 1000MHz) (3m SAC)	±5.8 dB
Radiated Emission (1GHz ~ 6GHz) (3m SAC)	±4.5 dB
Radiated Emission (6GHz ~ 18GHz) (3m SAC)	4.7 dB
Radiated Emission (18GHz ~ 40GHz) (3m SAC)	5.34 dB
Radiated Emission (30MHz ~ 1GHz) (3m FAR)	3.39 dB
Radiated Emission (1GHz ~ 18GHz) (3m FAR)	5.15 dB
Radiated Emission (18GHz ~ 40GHz) (3m FAR)	5.30 dB

Note: All the measurement uncertainty value were shown with a coverage k=2 to indicate 95% level of confidence. The measurement data show herein meets or exceeds the CISPR measurement uncertainty values specified in CISPR 16-4-2 and can be compared directly to specified limit to determine compliance.

3.6 Additions to, Deviations, or Exclusions from the Method

No

3.7 Laboratory Facility

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

● **FCC - Designation No.: CN1211**

JianYan Testing Group Shenzhen Co., Ltd. has been accredited as a testing laboratory by FCC(Federal Communications Commission). The test firm Registration No. is 727551.

● **ISED – CAB identifier.: CN0021**

The 3m Semi-anechoic chamber and 10m Semi-anechoic chamber of JianYan Testing Group Shenzhen Co., Ltd. has been Registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 10106A-1.

● **CNAS - Registration No.: CNAS L15527**

JianYan Testing Group Shenzhen Co., Ltd. is accredited to ISO/IEC 17025:2017 General Requirements for the Competence of Testing and Calibration laboratories for the competence of testing. The Registration No. is CNAS L15527.

● **A2LA - Registration No.: 4346.01**

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories. The test scope can be found as below link: <https://portal.a2la.org/scopepdf/4346-01.pdf>

3.8 Laboratory Location

JianYan Testing Group Shenzhen Co., Ltd.

Address: No.101, Building 8, Innovation Wisdom Port, No.155 Hongtian Road, Huangpu Community, Xinqiao Street, Bao'an District, Shenzhen, Guangdong, People's Republic of China.

Tel: +86-755-23118282, Fax: +86-755-23116366

Email: info-JYTee@lets.com, Website: <http://jyt.lets.com>

3.9 Test Instruments List

Radiated Emission(3m SAC):					
Test Equipment	Manufacturer	Model No.	Manage No.	Cal. Date (mm-dd-yy)	Cal. Due date (mm-dd-yy)
3m SAC	ETS	9m*6m*6m	WXJ001-1	04-14-2021	04-13-2026
Loop Antenna	Schwarzbeck	FMZB 1519 B	WXJ002-4	01-03-2025	01-02-2026
BiConiLog Antenna	Schwarzbeck	VULB9163	WXJ002	01-03-2025	01-02-2026
Horn Antenna	Schwarzbeck	BBHA9120D	WXJ002-2	01-03-2025	01-02-2026
Horn Antenna	Schwarzbeck	BBHA9170	WXJ002-5	12-25-2024	12-24-2025
Pre-amplifier (30MHz ~ 1GHz)	Schwarzbeck	BBV9743B	WXJ001-2	12-16-2024	12-15-2025
Pre-amplifier (1GHz ~ 18GHz)	SKET	LNPA_0118G-50	WXJ001-3	12-16-2024	12-15-2025
Pre-amplifier (18GHz ~ 40GHz)	RF System	TRLA-180400G45B	WXJ002-7	12-16-2024	12-15-2025
EMI Test Receiver	Rohde & Schwarz	ESRP7	WXJ003-1	12-16-2024	12-15-2025
Spectrum Analyzer	Rohde & Schwarz	FSP 30	WXJ004	12-16-2024	12-15-2025
Spectrum Analyzer	KEYSIGHT	N9010B	WXJ004-2	09-09-2024	09-08-2025
Coaxial Cable (30MHz ~ 1GHz)	JYTSZ	JYT3M-1G-NN-8M	WXG001-4	01-15-2025	01-14-2026
Coaxial Cable (1GHz ~ 18GHz)	JYTSZ	JYT3M-18G-NN-8M	WXG001-5	01-15-2025	01-14-2026
Coaxial Cable (18GHz ~ 40GHz)	JYTSZ	JYT3M-40G-SS-8M	WXG001-7	01-15-2025	01-14-2026
Band Reject Filter Group	Tonscend	JS0806-F	WXJ089	N/A	
Test Software	Tonscend	TS+	Version: 3.0.0.1		

Radiated Emission(3m FAR):					
Test Equipment	Manufacturer	Model No.	Manage No.	Cal. Date (mm-dd-yy)	Cal. Due date (mm-dd-yy)
3m FAR	YUNYI	9m*6m*6m	WXJ097	06-15-2023	06-14-2028
BiConiLog Antenna	Schwarzbeck	VULB9163	WXJ097-2	04-24-2025	04-23-2026
Biconical Antenna	Schwarzbeck	VUBA9117	WXJ002-1	07-01-2024	06-30-2027
Horn Antenna	Schwarzbeck	BBHA9120D	WXJ097-3	06-16-2024	06-15-2025
				05-23-2025	05-22-2026
Horn Antenna	Schwarzbeck	BBHA9120D	WXJ002-3	12-25-2024	12-24-2025
Horn Antenna	Schwarzbeck	BBHA9170	WXJ002-5	12-25-2024	12-24-2025
Horn Antenna	Schwarzbeck	BBHA9170	WXJ002-6	12-25-2024	12-24-2025
Pre-amplifier (30MHz ~ 1GHz)	YUNYI	PAM-310N	WXJ097-5	04-21-2025	04-20-2026
Pre-amplifier (1GHz ~ 18GHz)	YUNYI	PAM-118N	WXJ097-6	04-21-2025	04-20-2026
Pre-amplifier (18GHz ~ 40GHz)	RF System	TRLA-180400G45B	WXJ002-7	12-16-2024	12-15-2025
EMI Test Receiver	Rohde & Schwarz	ESCI3	WXJ003	12-16-2024	12-15-2025
Spectrum Analyzer	Rohde & Schwarz	FSP 30	WXJ004	12-16-2024	12-15-2025
Spectrum Analyzer	KEYSIGHT	N9020B	WXJ081-1	05-08-2025	05-07-2026
Coaxial Cable (30MHz ~ 1GHz)	JYTSZ	JYT3M-1G-NN-13M	WXG097-1	07-30-2024	07-29-2025
Coaxial Cable (1GHz ~ 18GHz)	JYTSZ	JYT3M-18G-NN-8M	WXG097-2	07-30-2024	07-29-2025
Coaxial Cable (18GHz ~ 40GHz)	JYTSZ	JYT3M-40G-SS-8M	WXG097-3	07-30-2024	07-29-2025
High Band Reject Filter Group	Tonscend	JS0806-F	WXJ089	N/A	
Low Band Reject Filter Group	Tonscend	JS0806-F	WXJ097-4	N/A	
Test Software	Tonscend	TS+	Version: 5.0.0		

Conducted Emission:					
Test Equipment	Manufacturer	Model No.	Manage No.	Cal. Date (mm-dd-yy)	Cal. Due date (mm-dd-yy)
EMI Test Receiver	Rohde & Schwarz	ESR3	WXJ003-2	05-08-2025	05-07-2026
LISN	Schwarzbeck	NSLK 8127	QCJ001-13	12-17-2024	12-16-2025
LISN	Rohde & Schwarz	ESH3-Z5	WXJ005-1	12-17-2024	12-16-2025
LISN Coaxial Cable (9kHz ~ 30MHz)	JYTSZ	JYTCE-1G-NN-2M	WXG003-1	01-15-2025	01-14-2026
RF Switch	TOP PRECISION	RSU0301	WXG003	N/A	
Test Software	AUDIX	E3	Version: 6.110919b		

4 Measurement Setup and Procedure

4.1 Test Channel

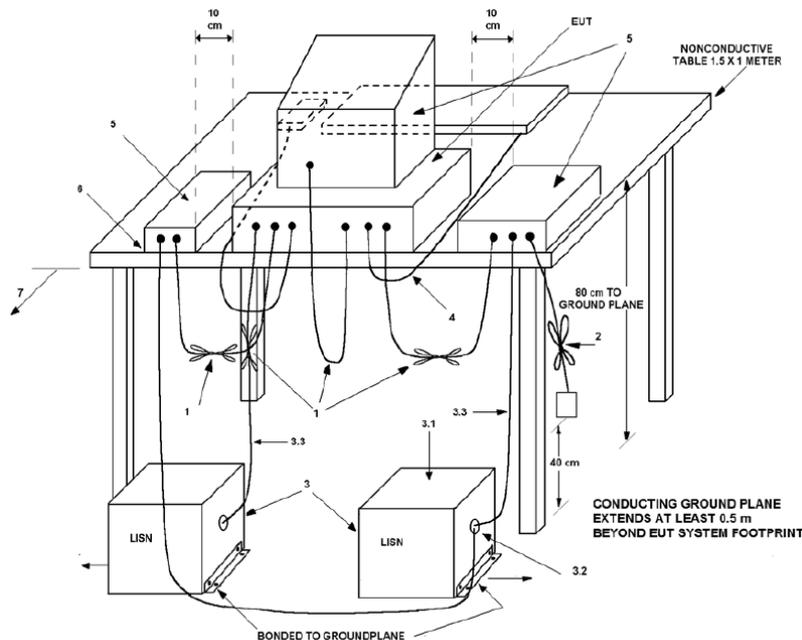
According to ANSI C63.10-2013 chapter 5.6.1 Table 4 requirement, select lowest channel, middle channel, and highest channel in the frequency range in which device operates for testing. The detailed frequency points are as follows:

LE 1M PHY/ LE Coded PHY, S=8/ LE Coded PHY, S=2:					
Lowest channel		Middle channel		Highest channel	
Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)
0	2402	20	2442	39	2480

LE 2M PHY:					
Lowest channel		Middle channel		Highest channel	
Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)
4	2404	20	2442	38	2478

4.2 Test Setup

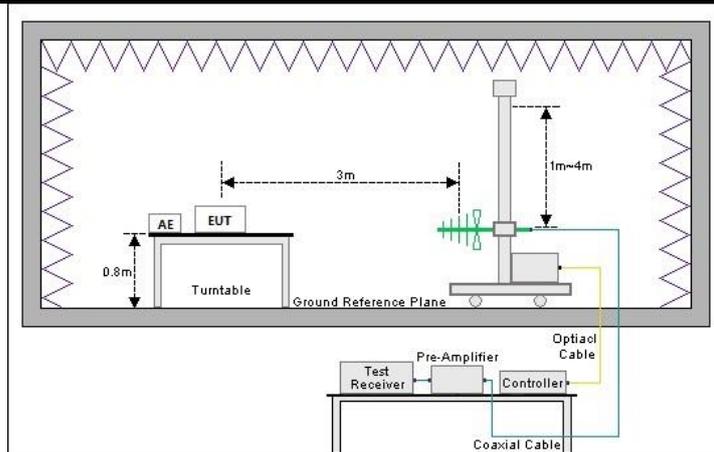
1) Conducted emission measurement:



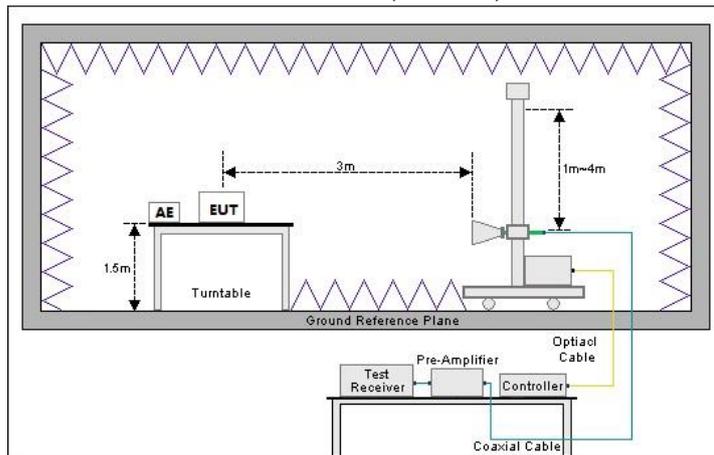
Note: The detailed descriptions please refer to Figure 8 of ANSI C63.4:2014.

2) Radiated emission measurement:

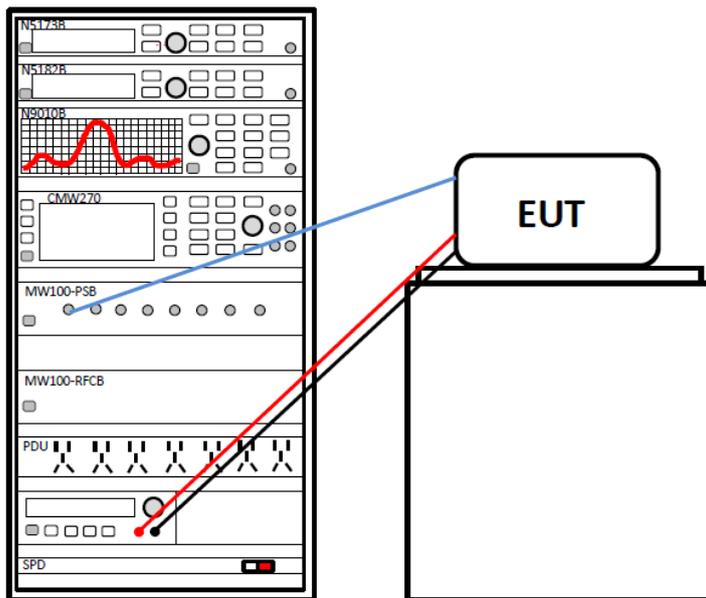
Below 1GHz (3m SAC)



Above 1GHz (3m FAR)



3) Conducted test method



4.3 Test Procedure

Test method	Test step
Conducted emission	<ol style="list-style-type: none"> 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. 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). Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10 on conducted measurement.
Radiated emission	<p>For below 1GHz:</p> <ol style="list-style-type: none"> The EUT was placed on the tabletop of a rotating table 0.8 m the ground at a 3 m semi anechoic chamber. The measurement distance from the EUT to the receiving antenna is 3 m . EUT works in each mode of operation that needs to be tested , and having the EUT continuously working, respectively on 3 axis (X, Y & Z) and considered typical configuration to obtain worst position. The highest signal levels relative to the limit shall be determined by rotating the EUT from 0° to 360° and with varying the measurement antenna height between 1 m and 4 m in vertical and horizontal polarizations. Open the test software to control the test antenna and test turntable. Perform the test, save the test results, and export the test data. <p>For above 1GHz:</p> <ol style="list-style-type: none"> The EUT was placed on the tabletop of a rotating table 1.5 m the ground at a 3 m fully anechoic room. The measurement distance from the EUT to the receiving antenna is 3 m. EUT works in each mode of operation that needs to be tested , and having the EUT continuously working, respectively on 3 axis (X, Y & Z) and considered typical configuration to obtain worst position. The highest signal levels relative to the limit shall be determined by rotating the EUT from 0° to 360° and with varying the measurement antenna height between 1 m and 4 m in vertical and horizontal polarizations. Open the test software to control the test antenna and test turntable. Perform the test, save the test results, and export the test data.
Conducted test method	<ol style="list-style-type: none"> The BLE antenna port of EUT was connected to the test port of the test system through an RF cable. The EUT is keeping in continuous transmission mode and tested in all modulation modes. Open the test software, prepare a test plan, and control the system through the software. After the test is completed, the test report is exported through the test software.

5 Test Results

5.1 Summary

5.1.1 Clause and Data Summary

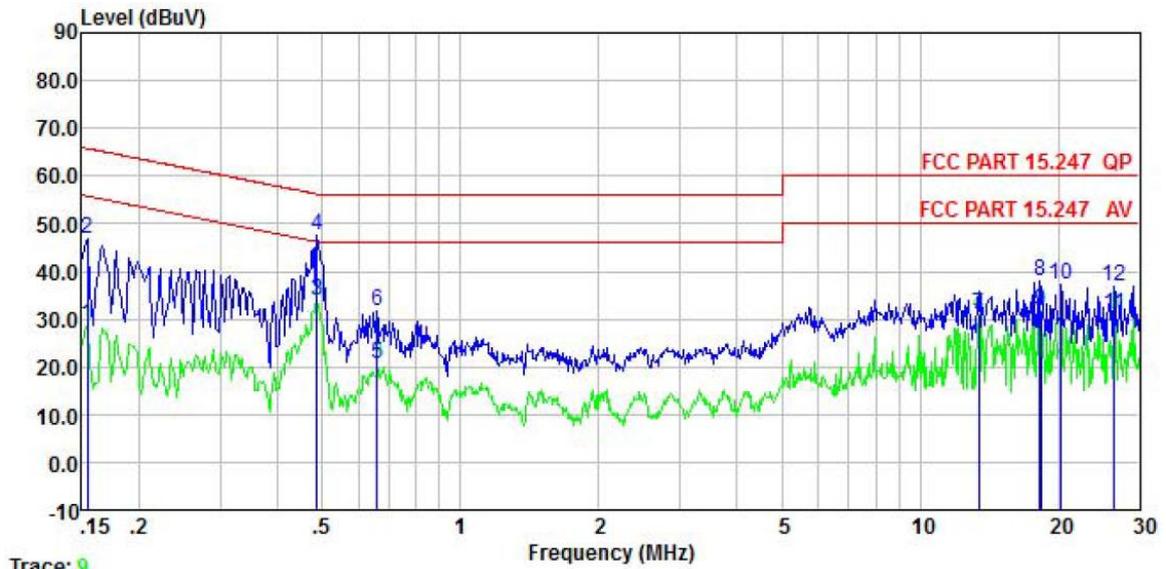
Test items	Standard clause	Test data	Result
Antenna Requirement	15.203 15.247 (b)(4)	Please refer to report MDE_UBLOX_2110_FCC_01, FCC ID: XPYMAYAW161.	Please refer to report MDE_UBLOX_2110_FC C_01, FCC ID: XPYMAYAW161.
AC Power Line Conducted Emission	15.207	See Section 5.2	Pass
Conducted Output Power	15.247 (b)(3)	Please refer to report MDE_UBLOX_2110_FCC_01, FCC ID: XPYMAYAW161.	Please refer to report MDE_UBLOX_2110_FC C_01, FCC ID: XPYMAYAW161.
6dB Emission Bandwidth 99% Occupied Bandwidth	15.247 (a)(2)	Please refer to report MDE_UBLOX_2110_FCC_01, FCC ID: XPYMAYAW161.	Please refer to report MDE_UBLOX_2110_FC C_01, FCC ID: XPYMAYAW161.
Power Spectral Density	15.247 (e)	Please refer to report MDE_UBLOX_2110_FCC_01, FCC ID: XPYMAYAW161.	Please refer to report MDE_UBLOX_2110_FC C_01, FCC ID: XPYMAYAW161.
Band-edge Emission Conduction Spurious Emission	15.247 (d)	Please refer to report MDE_UBLOX_2110_FCC_01, FCC ID: XPYMAYAW161.	Please refer to report MDE_UBLOX_2110_FC C_01, FCC ID: XPYMAYAW161.
Emissions in Restricted Frequency Bands	15.205 15.247 (d)	See Section 5.3	Pass
Emissions in Non-restricted Frequency Bands	15.209 15.247(d)	See Section 5.4	Pass
Remark:			
<ol style="list-style-type: none"> 1. Pass: The EUT complies with the essential requirements in the standard. 2. N/A: Not Applicable. 3. The cable insertion loss used by "RF Output Power" and other conduction measurement items is 0.5dB (provided by the customer). 4. Please refer to report MDE_UBLOX_2110_FCC_01, FCC ID: XPYMAYAW161 issue by 7layers GmbH Borsigstrasse 1140880 Ratingen Germany. 			
Test Method:	ANSI C63.10-2013 KDB 558074 D01 15.247 Meas Guidance v05r02		

5.1.2 Test Limit

Test items	Limit		
AC Power Line Conducted Emission	Frequency (MHz)		Limit (dB μ V)
			Quasi-Peak Average
	0.15 – 0.5		66 to 56 ^{Note 1} 56 to 46 ^{Note 1}
	0.5 – 5		56 46
	5 – 30		60 50
<p>Note 1: The limit level in dBμV decreases linearly with the logarithm of frequency.</p> <p>Note 2: The more stringent limit applies at transition frequencies.</p>			
Emissions in Restricted Frequency Bands	Frequency (MHz)		Limit (dB μ V/m)
			@ 3m @ 10m Detector
	30 – 88		40.0 30.0 Quasi-peak
	88 – 216		43.5 33.5 Quasi-peak
	216 – 960		46.0 36.0 Quasi-peak
960 – 1000		54.0 44.0 Quasi-peak	
<p>Note: The more stringent limit applies at transition frequencies.</p>			
Emissions in Non-restricted Frequency Bands	Frequency		Limit (dB μ V/m) @ 3m
			Average Peake
	Above 1 GHz		54.0 74.0
<p>Note: The measurement bandwidth shall be 1 MHz or greater.</p>			

5.2 AC Power Line Conducted Emission

Product name:	CoreLocator	Product Model:	CHW-LOC4000
Test by:	Kiran Zeng	Test mode:	BLE Tx (LE 1M PHY)
Test frequency:	150 kHz ~ 30 MHz	Phase:	Line
Test voltage:	AC 120 V/60 Hz		



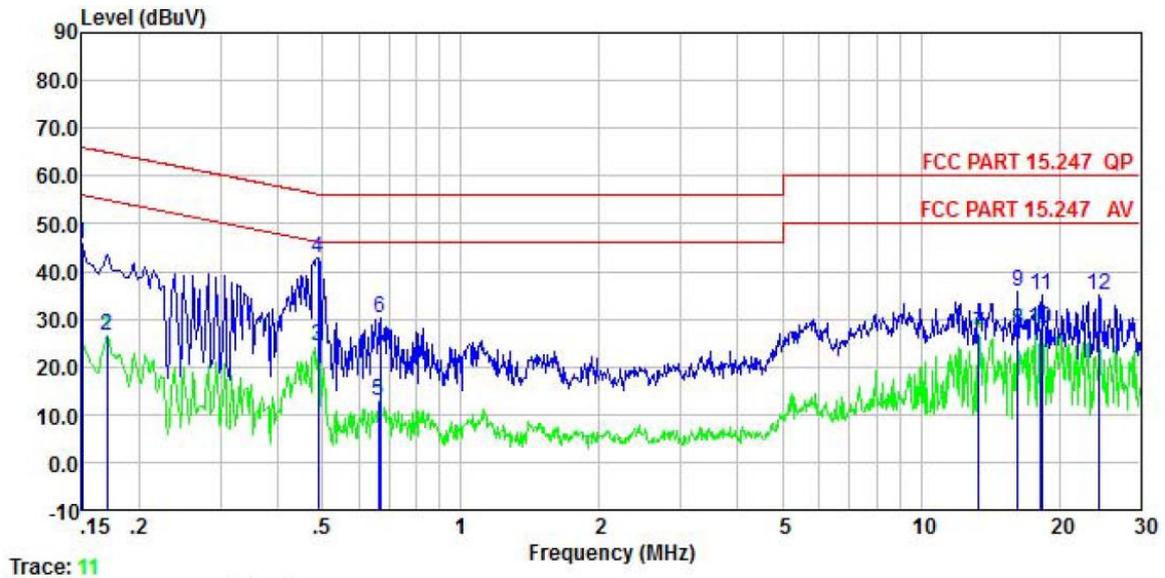
Trace: 9

	Read Freq	Read Level	LISN Factor	Aux Factor	Aux2 Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dB	dB	dB	dBuV	dBuV	dB	
1	0.154	8.64	10.19	0.00	9.88	0.01	28.72	55.78	-27.06	Average
2	0.154	26.73	10.19	0.00	9.88	0.01	46.81	65.78	-18.97	QP
3	0.486	13.76	10.15	0.00	9.88	0.03	33.82	46.23	-12.41	Average
4	0.486	27.39	10.15	0.00	9.88	0.03	47.45	56.23	-8.78	QP
5	0.658	0.50	10.17	0.00	9.88	0.03	20.58	46.00	-25.42	Average
6	0.658	11.74	10.17	0.00	9.88	0.03	31.82	56.00	-24.18	QP
7	13.408	10.19	10.66	0.00	9.92	0.11	30.88	50.00	-19.12	Average
8	18.232	17.23	10.53	0.00	9.95	0.15	37.86	60.00	-22.14	QP
9	18.328	10.89	10.53	0.00	9.95	0.15	31.52	50.00	-18.48	Average
10	20.270	16.69	10.40	0.00	9.96	0.19	37.24	60.00	-22.76	QP
11	26.418	10.46	10.33	0.00	10.01	0.21	31.01	50.00	-18.99	Average
12	26.418	16.33	10.33	0.00	10.01	0.21	36.88	60.00	-23.12	QP

Remark:

1. Level = Read level + LISN Factor + Cable Loss.

Product name:	CoreLocator	Product Model:	CHW-LOC4000
Test by:	Kiran Zeng	Test mode:	BLE Tx (LE 1M PHY)
Test frequency:	150 kHz ~ 30 MHz	Phase:	Neutral
Test voltage:	AC 120 V/60 Hz		



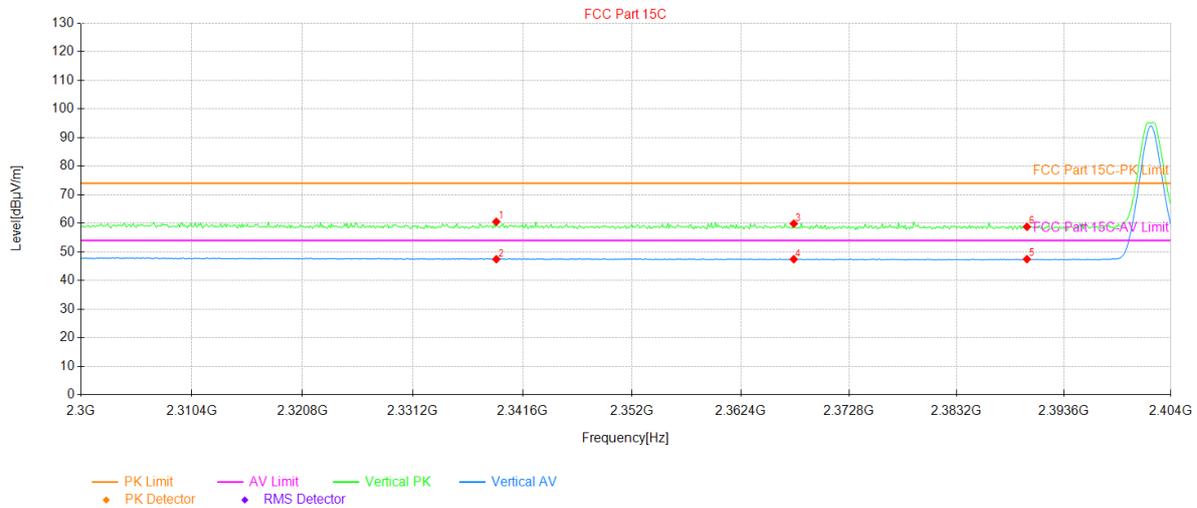
	Freq	Read Level	LISN Factor	Aux Factor	Aux2 Factor	Cable Loss	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dB	dB	dB	dBuV	dBuV	dB	
1	0.150	25.70	10.20	0.00	9.88	0.01	45.79	66.00	-20.21	QP
2	0.170	6.39	10.20	0.00	9.88	0.01	26.48	54.94	-28.46	Average
3	0.489	4.32	10.20	0.00	9.88	0.03	24.43	46.19	-21.76	Average
4	0.489	22.71	10.20	0.00	9.88	0.03	42.82	56.19	-13.37	QP
5	0.661	-7.38	10.30	0.00	9.88	0.03	12.83	46.00	-33.17	Average
6	0.668	10.03	10.30	0.00	9.88	0.03	30.24	56.00	-25.76	QP
7	13.337	6.46	10.51	0.00	9.92	0.11	27.00	50.00	-23.00	Average
8	16.226	6.86	10.60	0.00	9.94	0.16	27.56	50.00	-22.44	Average
9	16.226	15.02	10.60	0.00	9.94	0.16	35.72	60.00	-24.28	QP
10	18.232	7.25	10.60	0.00	9.95	0.15	27.95	50.00	-22.05	Average
11	18.328	14.48	10.60	0.00	9.95	0.15	35.18	60.00	-24.82	QP
12	24.400	14.14	10.55	0.00	10.00	0.18	34.87	60.00	-25.13	QP

Remark:

1. Level = Read level + LISN Factor + Cable Loss.

5.3 Emissions in Restricted Frequency Bands

Product Name:	CoreLocator	Product Model:	CHW-LOC4000
Test By:	Robin Gu	Test mode:	BLE Tx (LE 1M PHY)
Test Channel:	Lowest channel	Polarization:	Vertical
Test Voltage:	AC 120/60Hz		

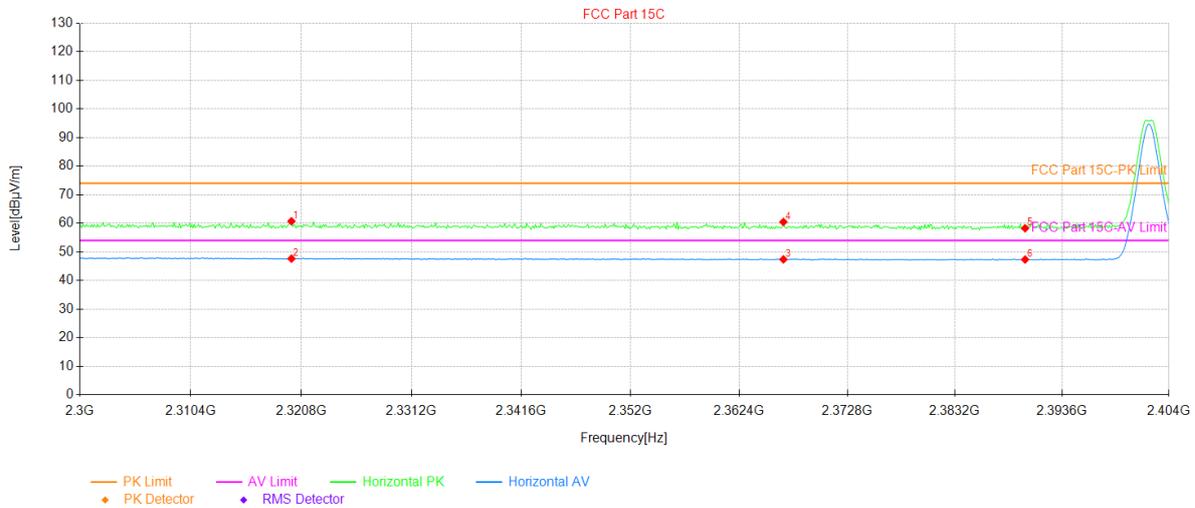


Suspected Data List										
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2339.10	24.48	36.04	60.52	74.00	13.48	78	PK	PASS	Vertical
2	2339.10	11.38	36.04	47.42	54.00	6.58	2	AV	PASS	Vertical
3	2367.50	23.71	36.12	59.83	74.00	14.17	116	PK	PASS	Vertical
4	2367.50	11.30	36.12	47.42	54.00	6.58	301	AV	PASS	Vertical
5	2390.00	11.24	36.19	47.43	54.00	6.57	308	AV	PASS	Vertical
6	2390.00	22.55	36.19	58.74	74.00	15.26	308	PK	PASS	Vertical

Remark:

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

Product Name:	CoreLocator	Product Model:	CHW-LOC4000
Test By:	Robin Gu	Test mode:	BLE Tx (LE 1M PHY)
Test Channel:	Lowest channel	Polarization:	Horizontal
Test Voltage:	AC 120/60Hz		



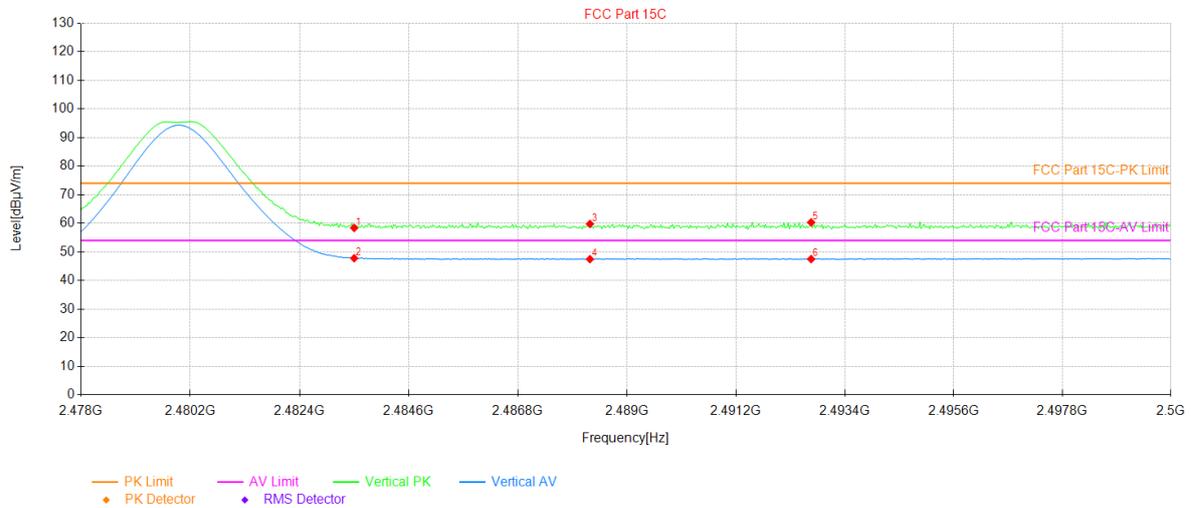
Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2319.86	24.68	36.02	60.70	74.00	13.30	27	PK	PASS	Horizontal
2	2319.86	11.60	36.02	47.62	54.00	6.38	53	AV	PASS	Horizontal
3	2366.66	11.24	36.12	47.36	54.00	6.64	138	AV	PASS	Horizontal
4	2366.66	24.32	36.12	60.44	74.00	13.56	341	PK	PASS	Horizontal
5	2390.00	22.04	36.19	58.23	74.00	15.77	358	PK	PASS	Horizontal
6	2390.00	11.13	36.19	47.32	54.00	6.68	95	AV	PASS	Horizontal

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Pre-amplifier Factor).

Product Name:	CoreLocator	Product Model:	CHW-LOC4000
Test By:	Robin Gu	Test mode:	BLE Tx (LE 1M PHY)
Test Channel:	Highest channel	Polarization:	Vertical
Test Voltage:	AC 120/60Hz		

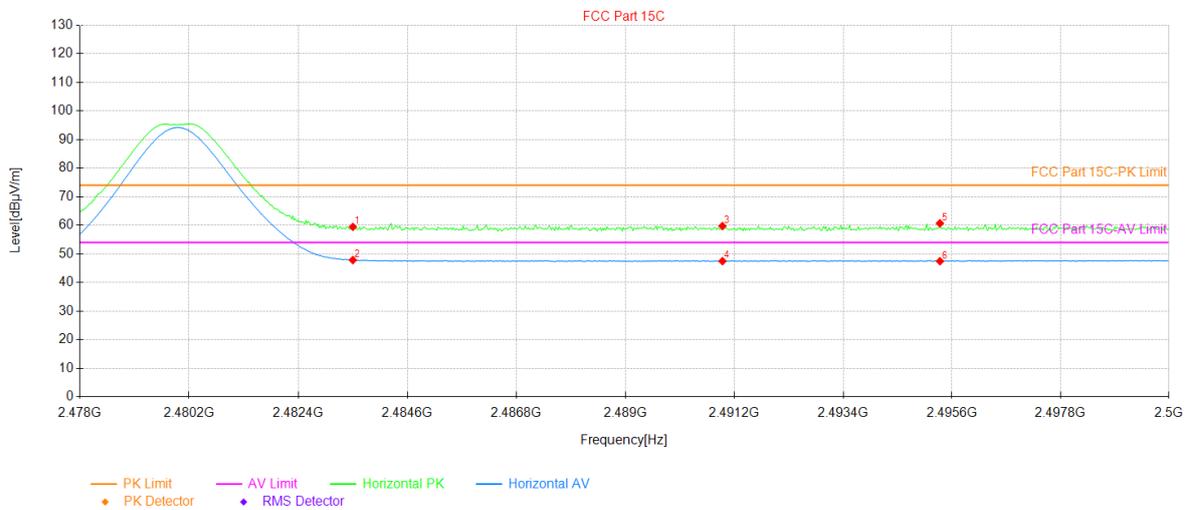


Suspected Data List										
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2483.50	22.12	36.24	58.36	74.00	15.64	30	PK	PASS	Vertical
2	2483.50	11.52	36.24	47.76	54.00	6.24	265	AV	PASS	Vertical
3	2488.25	23.47	36.28	59.75	74.00	14.25	224	PK	PASS	Vertical
4	2488.25	11.15	36.28	47.43	54.00	6.57	142	AV	PASS	Vertical
5	2492.72	23.98	36.32	60.30	74.00	13.70	242	PK	PASS	Vertical
6	2492.72	11.15	36.32	47.47	54.00	6.53	216	AV	PASS	Vertical

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Pre-amplifier Factor).

Product Name:	CoreLocator	Product Model:	CHW-LOC4000
Test By:	Robin Gu	Test mode:	BLE Tx (LE 1M PHY)
Test Channel:	Highest channel	Polarization:	Horizontal
Test Voltage:	AC 120/60Hz		

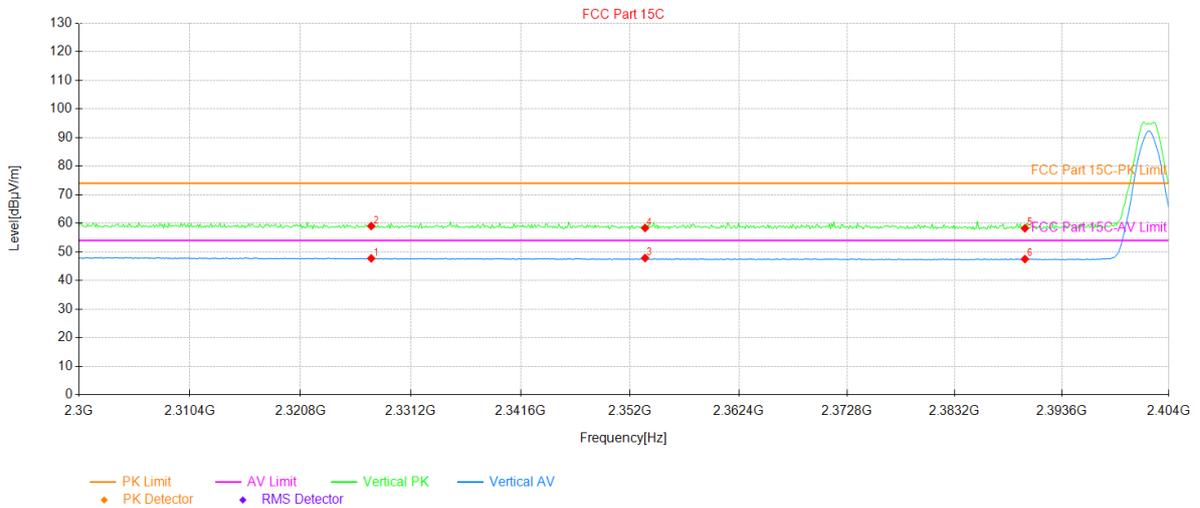


Suspected Data List										
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2483.50	23.19	36.24	59.43	74.00	14.57	194	PK	PASS	Horizontal
2	2483.50	11.57	36.24	47.81	54.00	6.19	58	AV	PASS	Horizontal
3	2490.96	23.42	36.30	59.72	74.00	14.28	14	PK	PASS	Horizontal
4	2490.96	11.15	36.30	47.45	54.00	6.55	166	AV	PASS	Horizontal
5	2495.36	24.33	36.34	60.67	74.00	13.33	30	PK	PASS	Horizontal
6	2495.36	11.08	36.34	47.42	54.00	6.58	263	AV	PASS	Horizontal

Remark:

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

Product Name:	CoreLocator	Product Model:	CHW-LOC4000
Test By:	Robin Gu	Test mode:	BLE Tx (LE 2M PHY)
Test Channel:	Lowest channel	Polarization:	Vertical
Test Voltage:	AC 120/60Hz		

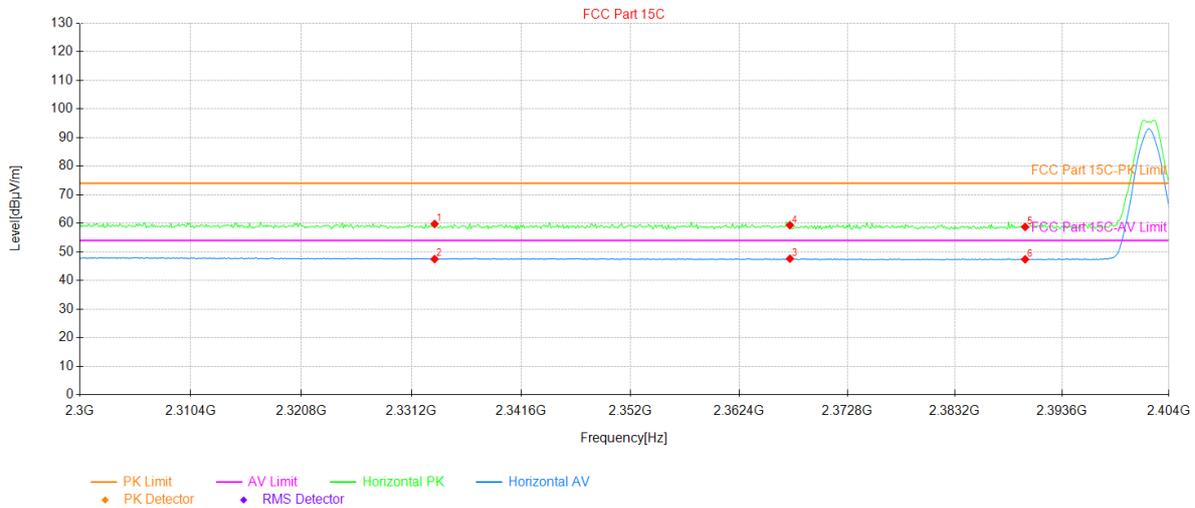


Suspected Data List										
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2327.46	11.70	36.01	47.71	54.00	6.29	189	AV	PASS	Vertical
2	2327.46	22.99	36.01	59.00	74.00	15.00	30	PK	PASS	Vertical
3	2353.46	11.75	36.08	47.83	54.00	6.17	72	AV	PASS	Vertical
4	2353.46	22.26	36.08	58.34	74.00	15.66	108	PK	PASS	Vertical
5	2390.00	22.03	36.19	58.22	74.00	15.78	83	PK	PASS	Vertical
6	2390.00	11.28	36.19	47.47	54.00	6.53	108	AV	PASS	Vertical

Remark:

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

Product Name:	CoreLocator	Product Model:	CHW-LOC4000
Test By:	Robin Gu	Test mode:	BLE Tx (LE 2M PHY)
Test Channel:	Lowest channel	Polarization:	Horizontal
Test Voltage:	AC 120/60Hz		



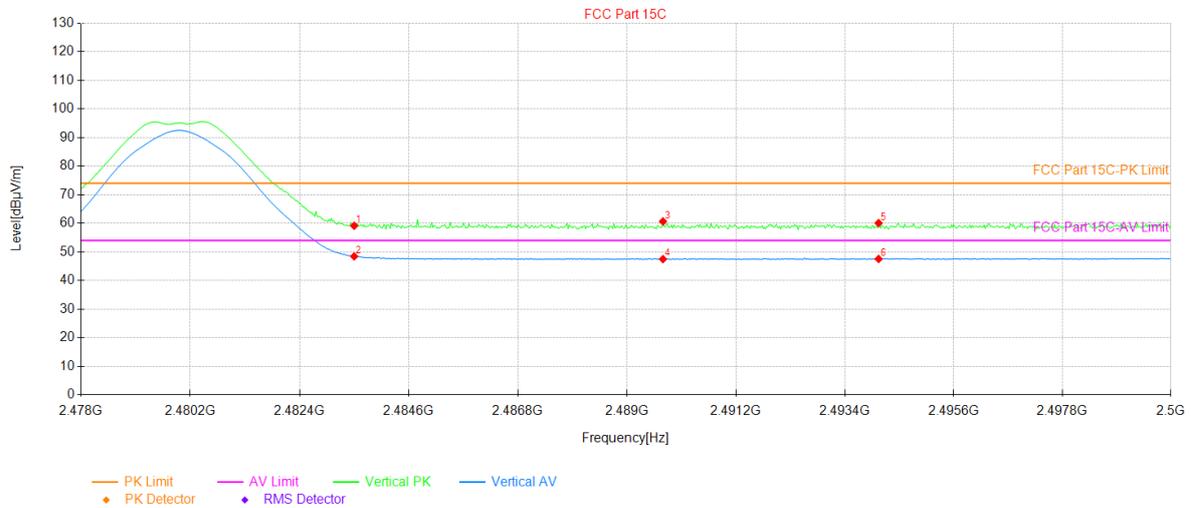
Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2333.38	23.72	36.02	59.74	74.00	14.26	318	PK	PASS	Horizontal
2	2333.38	11.45	36.02	47.47	54.00	6.53	318	AV	PASS	Horizontal
3	2367.29	11.48	36.12	47.60	54.00	6.40	318	AV	PASS	Horizontal
4	2367.29	23.18	36.12	59.30	74.00	14.70	231	PK	PASS	Horizontal
5	2390.00	22.51	36.19	58.70	74.00	15.30	81	PK	PASS	Horizontal
6	2390.00	11.19	36.19	47.38	54.00	6.62	242	AV	PASS	Horizontal

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Pre-amplifier Factor).

Product Name:	CoreLocator	Product Model:	CHW-LOC4000
Test By:	Robin Gu	Test mode:	BLE Tx (LE 2M PHY)
Test Channel:	Highest channel	Polarization:	Vertical
Test Voltage:	AC 120/60Hz		

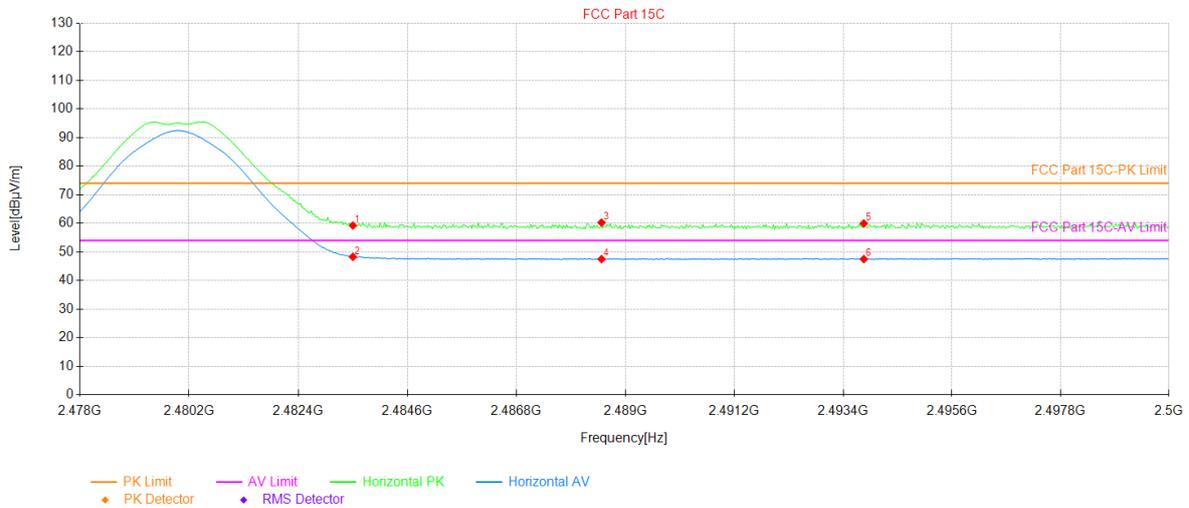


Suspected Data List										
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2483.50	22.87	36.24	59.11	74.00	14.89	290	PK	PASS	Vertical
2	2483.50	12.17	36.24	48.41	54.00	5.59	286	AV	PASS	Vertical
3	2489.73	24.35	36.29	60.64	74.00	13.36	338	PK	PASS	Vertical
4	2489.73	11.17	36.29	47.46	54.00	6.54	323	AV	PASS	Vertical
5	2494.08	23.71	36.33	60.04	74.00	13.96	305	PK	PASS	Vertical
6	2494.08	11.18	36.33	47.51	54.00	6.49	301	AV	PASS	Vertical

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Pre-amplifier Factor).

Product Name:	CoreLocator	Product Model:	CHW-LOC4000
Test By:	Robin Gu	Test mode:	BLE Tx (LE 2M PHY)
Test Channel:	Highest channel	Polarization:	Horizontal
Test Voltage:	AC 120/60Hz		



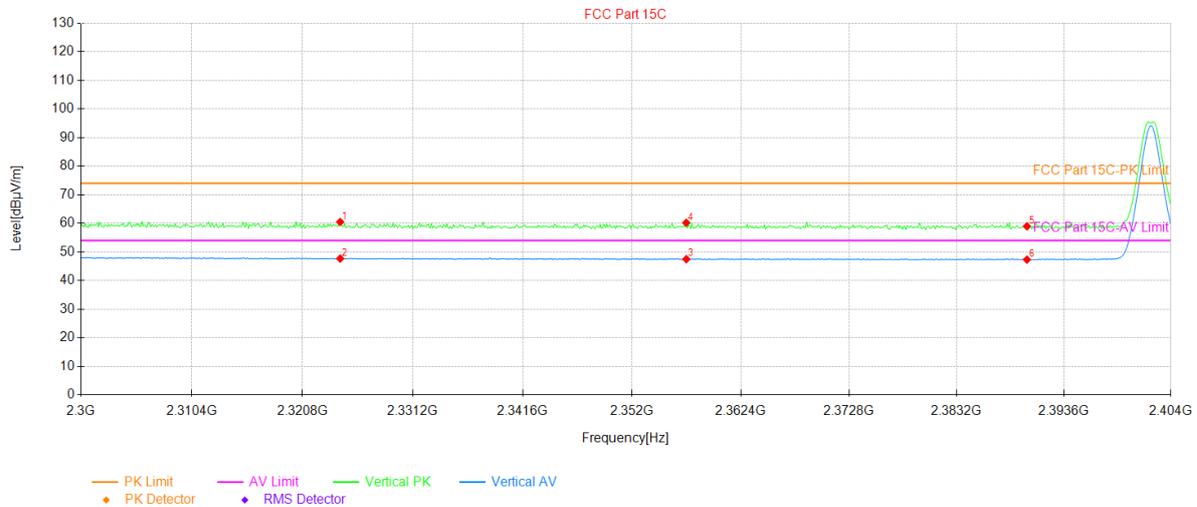
Suspected Data List

NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2483.50	22.97	36.24	59.21	74.00	14.79	78	PK	PASS	Horizontal
2	2483.50	12.01	36.24	48.25	54.00	5.75	209	AV	PASS	Horizontal
3	2488.52	23.94	36.28	60.22	74.00	13.78	194	PK	PASS	Horizontal
4	2488.52	11.19	36.28	47.47	54.00	6.53	13	AV	PASS	Horizontal
5	2493.82	23.58	36.33	59.91	74.00	14.09	106	PK	PASS	Horizontal
6	2493.82	11.14	36.33	47.47	54.00	6.53	260	AV	PASS	Horizontal

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Pre-amplifier Factor).

Product Name:	CoreLocator	Product Model:	CHW-LOC4000
Test By:	Robin Gu	Test mode:	BLE Tx (LE Coded PHY, S=2)
Test Channel:	Lowest channel	Polarization:	Vertical
Test Voltage:	AC 120/60Hz		

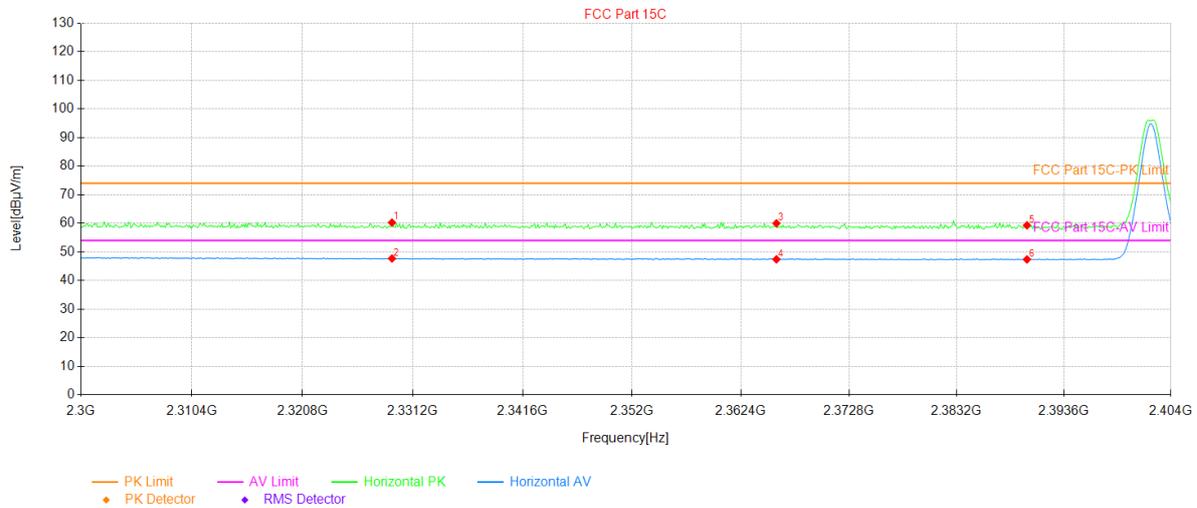


Suspected Data List										
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2324.34	24.43	36.02	60.45	74.00	13.55	128	PK	PASS	Vertical
2	2324.34	11.63	36.02	47.65	54.00	6.35	116	AV	PASS	Vertical
3	2357.20	11.36	36.09	47.45	54.00	6.55	238	AV	PASS	Vertical
4	2357.20	24.07	36.09	60.16	74.00	13.84	340	PK	PASS	Vertical
5	2390.00	22.74	36.19	58.93	74.00	15.07	238	PK	PASS	Vertical
6	2390.00	11.09	36.19	47.28	54.00	6.72	352	AV	PASS	Vertical

Remark:

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

Product Name:	CoreLocator	Product Model:	CHW-LOC4000
Test By:	Robin Gu	Test mode:	BLE Tx (LE Coded PHY, S=2)
Test Channel:	Lowest channel	Polarization:	Horizontal
Test Voltage:	AC 120/60Hz		

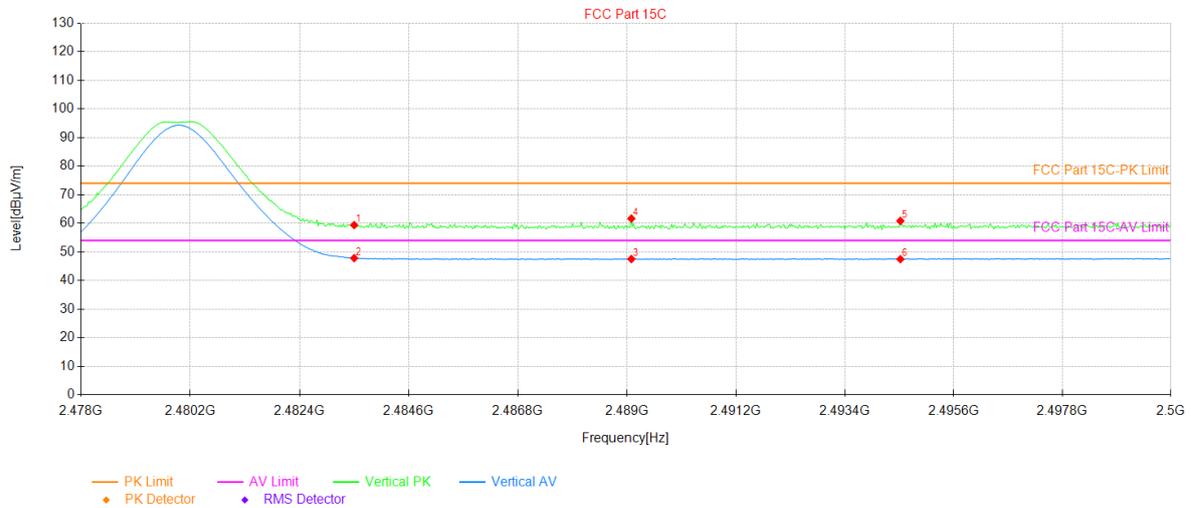


Suspected Data List										
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2329.22	24.22	36.01	60.23	74.00	13.77	81	PK	PASS	Horizontal
2	2329.22	11.65	36.01	47.66	54.00	6.34	168	AV	PASS	Horizontal
3	2365.83	23.84	36.12	59.96	74.00	14.04	332	PK	PASS	Horizontal
4	2365.83	11.26	36.12	47.38	54.00	6.62	310	AV	PASS	Horizontal
5	2390.00	23.07	36.19	59.26	74.00	14.74	322	PK	PASS	Horizontal
6	2390.00	11.16	36.19	47.35	54.00	6.65	122	AV	PASS	Horizontal

Remark:

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

Product Name:	CoreLocator	Product Model:	CHW-LOC4000
Test By:	Robin Gu	Test mode:	BLE Tx (LE Coded PHY, S=2)
Test Channel:	Highest channel	Polarization:	Vertical
Test Voltage:	AC 120/60Hz		

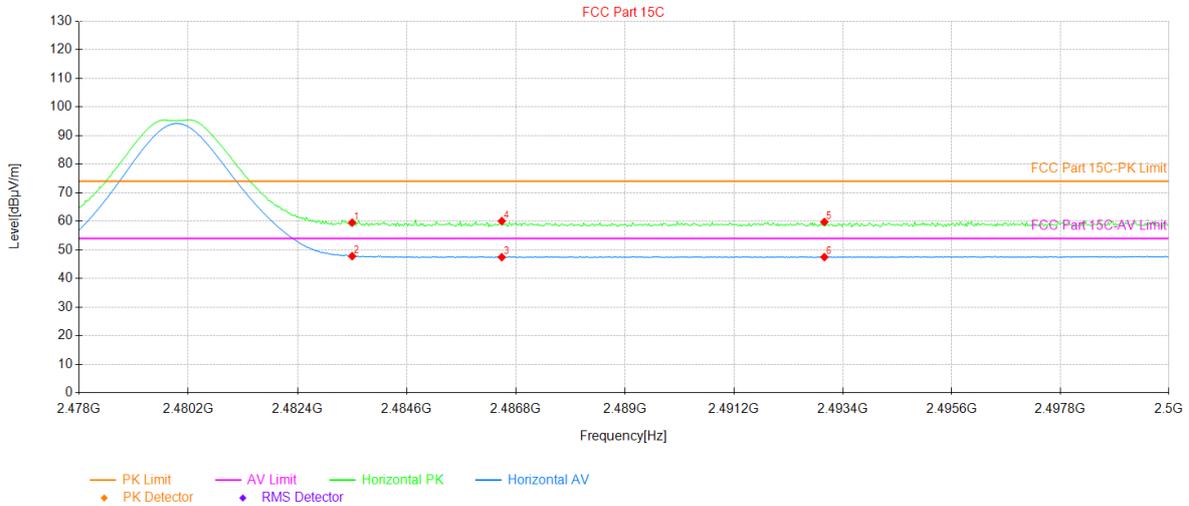


Suspected Data List										
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2483.50	23.11	36.24	59.35	74.00	14.65	84	PK	PASS	Vertical
2	2483.50	11.55	36.24	47.79	54.00	6.21	279	AV	PASS	Vertical
3	2489.09	11.20	36.29	47.49	54.00	6.51	80	AV	PASS	Vertical
4	2489.09	25.33	36.29	61.62	74.00	12.38	17	PK	PASS	Vertical
5	2494.52	24.47	36.34	60.81	74.00	13.19	208	PK	PASS	Vertical
6	2494.52	11.09	36.34	47.43	54.00	6.57	267	AV	PASS	Vertical

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Pre-amplifier Factor).

Product Name:	CoreLocator	Product Model:	CHW-LOC4000
Test By:	Robin Gu	Test mode:	BLE Tx (LE Coded PHY, S=2)
Test Channel:	Highest channel	Polarization:	Horizontal
Test Voltage:	AC 120/60Hz		

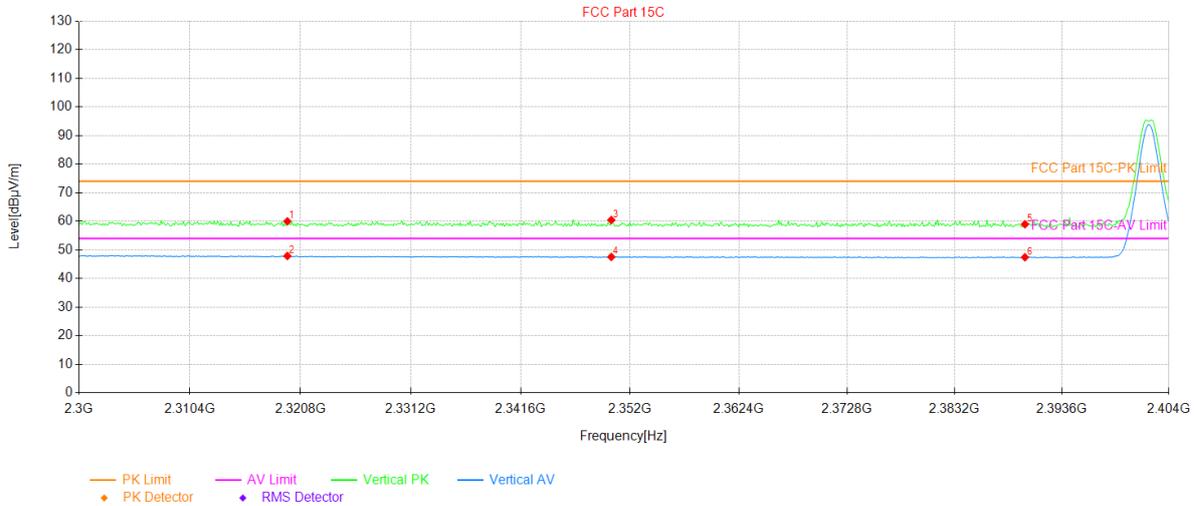


Suspected Data List										
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2483.50	23.27	36.24	59.51	74.00	14.49	292	PK	PASS	Horizontal
2	2483.50	11.53	36.24	47.77	54.00	6.23	49	AV	PASS	Horizontal
3	2486.51	11.16	36.27	47.43	54.00	6.57	296	AV	PASS	Horizontal
4	2486.51	23.77	36.27	60.04	74.00	13.96	105	PK	PASS	Horizontal
5	2493.03	23.43	36.32	59.75	74.00	14.25	311	PK	PASS	Horizontal
6	2493.03	11.14	36.32	47.46	54.00	6.54	322	AV	PASS	Horizontal

Remark:

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

Product Name:	CoreLocator	Product Model:	CHW-LOC4000
Test By:	Robin Gu	Test mode:	BLE Tx (LE Coded PHY, S=8)
Test Channel:	Lowest channel	Polarization:	Vertical
Test Voltage:	AC 120/60Hz		

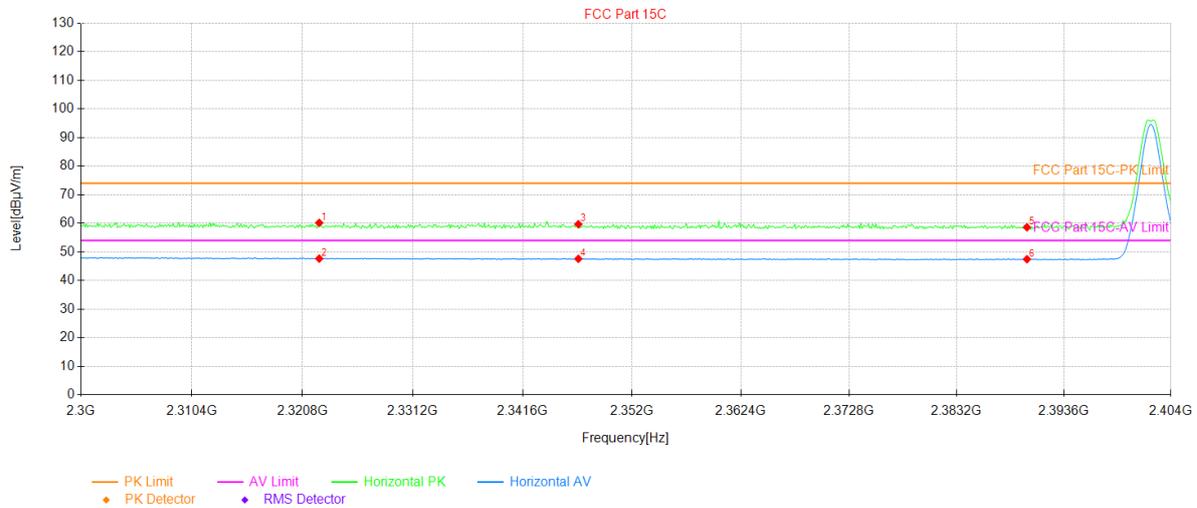


Suspected Data List										
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2319.55	23.95	36.02	59.97	74.00	14.03	65	PK	PASS	Vertical
2	2319.55	11.83	36.02	47.85	54.00	6.15	97	AV	PASS	Vertical
3	2350.23	24.34	36.07	60.41	74.00	13.59	40	PK	PASS	Vertical
4	2350.23	11.46	36.07	47.53	54.00	6.47	109	AV	PASS	Vertical
5	2390.00	22.75	36.19	58.94	74.00	15.06	198	PK	PASS	Vertical
6	2390.00	11.21	36.19	47.40	54.00	6.60	335	AV	PASS	Vertical

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Pre-amplifier Factor).

Product Name:	CoreLocator	Product Model:	CHW-LOC4000
Test By:	Robin Gu	Test mode:	BLE Tx (LE Coded PHY, S=8)
Test Channel:	Lowest channel	Polarization:	Horizontal
Test Voltage:	AC 120/60Hz		

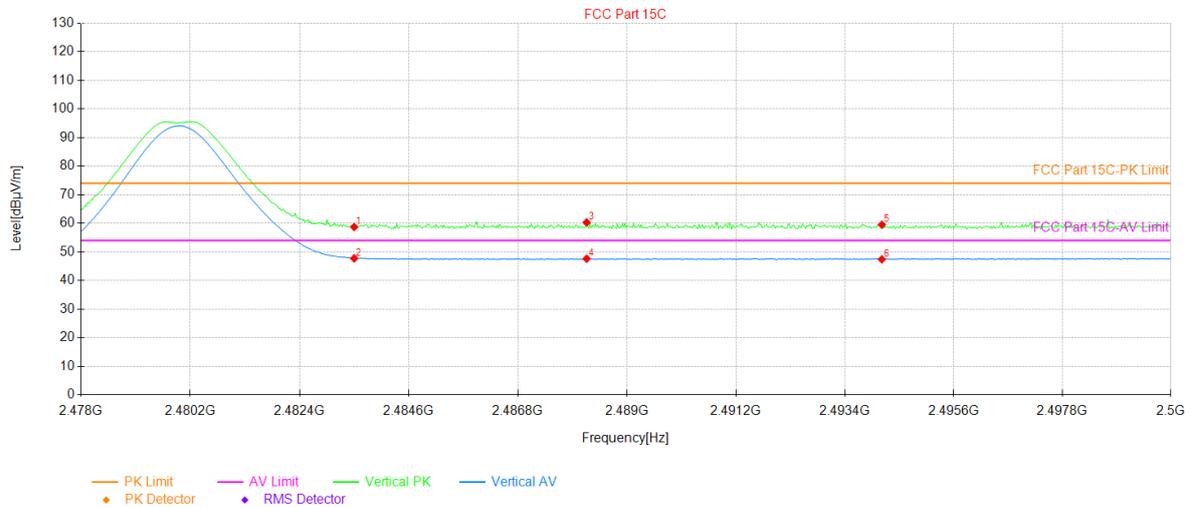


Suspected Data List										
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2322.36	24.11	36.02	60.13	74.00	13.87	136	PK	PASS	Horizontal
2	2322.36	11.62	36.02	47.64	54.00	6.36	358	AV	PASS	Horizontal
3	2346.90	23.59	36.06	59.65	74.00	14.35	30	PK	PASS	Horizontal
4	2346.90	11.50	36.06	47.56	54.00	6.44	292	AV	PASS	Horizontal
5	2390.00	22.38	36.19	58.57	74.00	15.43	356	PK	PASS	Horizontal
6	2390.00	11.23	36.19	47.42	54.00	6.58	147	AV	PASS	Horizontal

Remark:

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

Product Name:	CoreLocator	Product Model:	CHW-LOC4000
Test By:	Robin Gu	Test mode:	BLE Tx (LE Coded PHY, S=8)
Test Channel:	Highest channel	Polarization:	Vertical
Test Voltage:	AC 120/60Hz		

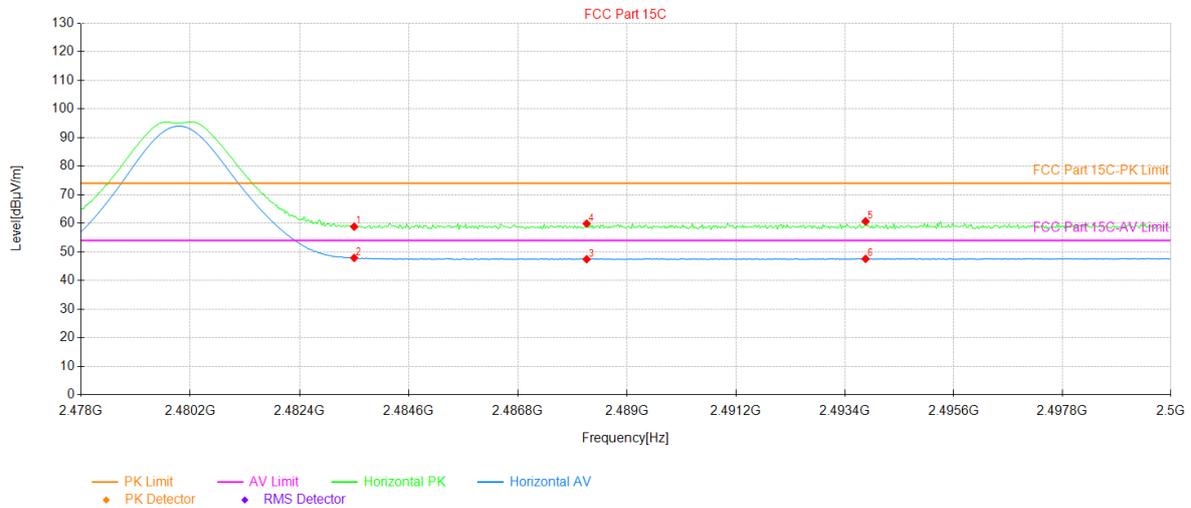


Suspected Data List										
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2483.50	22.43	36.24	58.67	74.00	15.33	294	PK	PASS	Vertical
2	2483.50	11.46	36.24	47.70	54.00	6.30	291	AV	PASS	Vertical
3	2488.19	24.00	36.28	60.28	74.00	13.72	160	PK	PASS	Vertical
4	2488.19	11.31	36.28	47.59	54.00	6.41	212	AV	PASS	Vertical
5	2494.15	23.14	36.33	59.47	74.00	14.53	336	PK	PASS	Vertical
6	2494.15	11.05	36.33	47.38	54.00	6.62	41	AV	PASS	Vertical

Remark:

1. Level = Reading + Factor(Antenna Factor + Cable Loss – Pre-amplifier Factor).

Product Name:	CoreLocator	Product Model:	CHW-LOC4000
Test By:	Robin Gu	Test mode:	BLE Tx (LE Coded PHY, S=8)
Test Channel:	Highest channel	Polarization:	Horizontal
Test Voltage:	AC 120/60Hz		



Suspected Data List										
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Angle [°]	Detector	Verdict	Polarity
1	2483.50	22.55	36.24	58.79	74.00	15.21	304	PK	PASS	Horizontal
2	2483.50	11.63	36.24	47.87	54.00	6.13	69	AV	PASS	Horizontal
3	2488.19	11.13	36.28	47.41	54.00	6.59	69	AV	PASS	Horizontal
4	2488.19	23.57	36.28	59.85	74.00	14.15	304	PK	PASS	Horizontal
5	2493.82	24.33	36.33	60.66	74.00	13.34	352	PK	PASS	Horizontal
6	2493.82	11.22	36.33	47.55	54.00	6.45	0	AV	PASS	Horizontal

Remark:

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

5.4 Emissions in Non-restricted Frequency Bands

Above 1GHz:

BLE Tx (LE 1M PHY)						
Test channel: Lowest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4804.00	55.60	-7.98	47.62	74.00	26.38	Vertical
4804.00	56.55	-7.98	48.57	74.00	25.43	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4804.00	48.98	-7.98	41.00	54.00	13.00	Vertical
4804.00	50.65	-7.98	42.67	54.00	11.33	Horizontal
Test channel: Middle channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4884.00	55.74	-7.46	48.28	74.00	25.72	Vertical
4884.00	56.11	-7.46	48.65	74.00	25.35	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4884.00	48.82	-7.46	41.36	54.00	12.64	Vertical
4884.00	50.39	-7.46	42.93	54.00	11.07	Horizontal
Test channel: Highest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4960.00	56.22	-7.00	49.22	74.00	24.78	Vertical
4960.00	55.91	-7.00	48.91	74.00	25.09	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4960.00	48.97	-7.00	41.97	54.00	12.03	Vertical
4960.00	50.24	-7.00	43.24	54.00	10.76	Horizontal
Remark:						
1. Level = Reading + Factor.						
2. Test Frequency up to 25GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report.						

BLE Tx (LE 2M PHY)						
Test channel: Lowest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4804.00	55.57	-7.98	47.59	74.00	26.41	Vertical
4804.00	56.43	-7.98	48.45	74.00	25.55	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4804.00	48.88	-7.98	40.90	54.00	13.10	Vertical
4804.00	50.82	-7.98	42.84	54.00	11.16	Horizontal
Test channel: Middle channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4884.00	55.88	-7.46	48.42	74.00	25.58	Vertical
4884.00	56.57	-7.46	49.11	74.00	24.89	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4884.00	48.33	-7.46	40.87	54.00	13.13	Vertical
4884.00	50.49	-7.46	43.03	54.00	10.97	Horizontal
Test channel: Highest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4960.00	56.18	-7.00	49.18	74.00	24.82	Vertical
4960.00	55.58	-7.00	48.58	74.00	25.42	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4960.00	48.66	-7.00	41.66	54.00	12.34	Vertical
4960.00	50.19	-7.00	43.19	54.00	10.81	Horizontal
Remark:						
1. Level = Reading + Factor.						
2. Test Frequency up to 25GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report.						

BEL Tx (LE Coded PHY, S=2)						
Test channel: Lowest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4804.00	55.70	-7.98	47.72	74.00	26.28	Vertical
4804.00	56.51	-7.98	48.53	74.00	25.47	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4804.00	48.57	-7.98	40.59	54.00	13.41	Vertical
4804.00	50.69	-7.98	42.71	54.00	11.29	Horizontal
Test channel: Middle channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4884.00	55.49	-7.46	48.03	74.00	25.97	Vertical
4884.00	56.59	-7.46	49.13	74.00	24.87	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4884.00	47.91	-7.46	40.45	54.00	13.55	Vertical
4884.00	50.69	-7.46	43.23	54.00	10.77	Horizontal
Test channel: Highest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4960.00	55.97	-7.00	48.97	74.00	25.03	Vertical
4960.00	55.44	-7.00	48.44	74.00	25.56	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4960.00	48.83	-7.00	41.83	54.00	12.17	Vertical
4960.00	50.52	-7.00	43.52	54.00	10.48	Horizontal
Remark:						
1. Level = Reading + Factor.						
2. Test Frequency up to 25GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report.						

BEL Tx (LE Coded PHY, S=8)						
Test channel: Lowest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4804.00	55.37	-7.98	47.39	74.00	26.61	Vertical
4804.00	56.48	-7.98	48.50	74.00	25.50	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4804.00	48.53	-7.98	40.55	54.00	13.45	Vertical
4804.00	50.22	-7.98	42.24	54.00	11.76	Horizontal
Test channel: Middle channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4884.00	55.12	-7.46	47.66	74.00	26.34	Vertical
4884.00	56.89	-7.46	49.43	74.00	24.57	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4884.00	48.28	-7.46	40.82	54.00	13.18	Vertical
4884.00	51.13	-7.46	43.67	54.00	10.33	Horizontal
Test channel: Highest channel						
Detector: Peak Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4960.00	56.18	-7.00	49.18	74.00	24.82	Vertical
4960.00	55.48	-7.00	48.48	74.00	25.52	Horizontal
Detector: Average Value						
Frequency (MHz)	Read Level (dBμV)	Factor (dB)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
4960.00	49.11	-7.00	42.11	54.00	11.89	Vertical
4960.00	50.18	-7.00	43.18	54.00	10.82	Horizontal
Remark:						
1. Level = Reading + Factor.						
2. Test Frequency up to 25GHz, and the emission levels of other frequencies are lower than the limit 20dB, not show in test report.						

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