TEST REPORT

Product	:	Baby Monitor
Trade mark	:	VAVA
Model/Type reference	:	VA-IH006BU
Serial Number	:	N/A
Report Number	:	EED32L00047501
FCC ID	:	2AFDGVA-IH006A
Date of Issue	:	Jul. 08, 2019
Test Standards	:	47 CFR Part 15 Subpart C
Test result	:	PASS

Prepared for:

SUNVALLEYTEK INTERNATIONAL. INC
46724 lakeview Blvd, Fremont, CA 94538

Prepared by:

Centre Testing International Group Co., Ltd.
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Tested By:	Jay Zheng	Compiled by:	Kevin Lan
	Jay Zheng		Kevin Lan
Reviewed by:	Ware Xin	Approved by:	Kevin Yang
	Ware Xin		Kevin Yang
Date:	Jul. 08, 2019		Check No: 3336847766

CENTRE TESTING INTERNATIONAL GROUP CO.,LTD. Report Seal

2 Version

Version No.	Date	Description
00	Jul. 08, 2019	Original

3 Test Summary

Test Item	Test Requirement	Test method	Result
Antenna Requirement	47 CFR Part 15 Subpart C Section 15.203/15.247 (c)	ANSI C63.10-2013	PASS
AC Power Line Conducted Emission	47 CFR Part 15 Subpart C Section 15.207	ANSI C63.10-2013	PASS
Conducted Peak Output Power	47 CFR Part 15 Subpart C Section 15.247 (b)(1)	ANSI C63.10-2013	PASS
20dB Occupied Bandwidth	47 CFR Part 15 Subpart C Section 15.247 (a)(1)	ANSI C63.10-2013	PASS
Carrier Frequencies Separation	47 CFR Part 15 Subpart C Section 15.247 (a)(1)	ANSI C63.10-2013	PASS
Hopping Channel Number	47 CFR Part 15 Subpart C Section 15.247 (b)	ANSI C63.10-2013	PASS
Dwell Time	47 CFR Part 15 Subpart C Section 15.247 (a)(1)	ANSI C63.10-2013	PASS
Pseudorandom Frequency Hopping Sequence	47 CFR Part 15 Subpart C Section 15.247(b)(4)&TCB Exclusion List (7 July 2002)	ANSI C63.10-2013	PASS
RF Conducted Spurious Emissions	47 CFR Part 15 Subpart C Section 15.247(d)	ANSI C63.10-2013	PASS
Radiated Spurious emissions	47 CFR Part 15 Subpart C Section 15.205/15.209	ANSI C63.10-2013	PASS

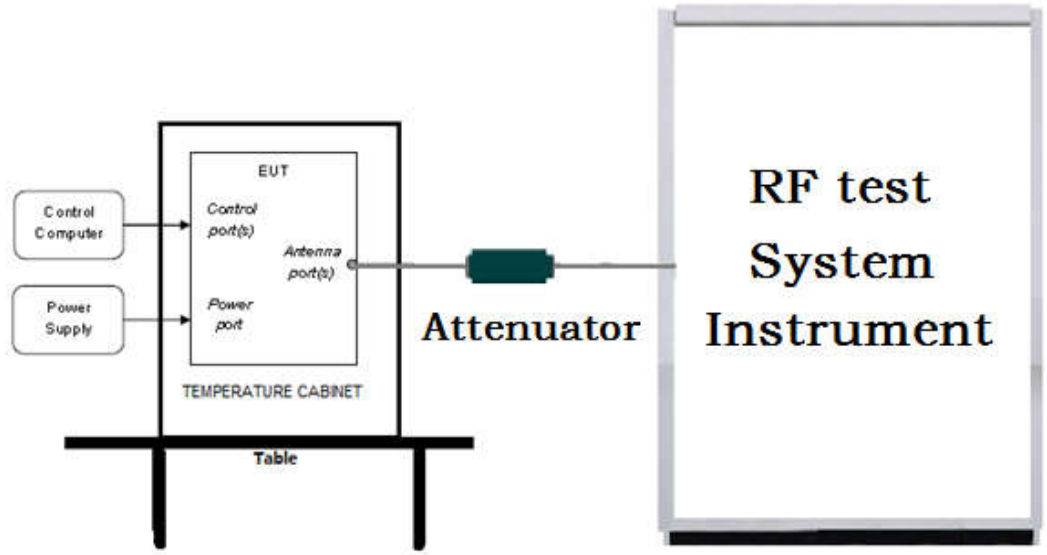
Remark:
Test according to ANSI C63.4-2014 & ANSI C63.10-2013.
The tested samples and the sample information are provided by the client.

4 Content

5 Test Requirement

5.1 Test setup

5.1.1 For Conducted test setup



5.1.2 For Radiated Emissions test setup

Radiated Emissions setup:

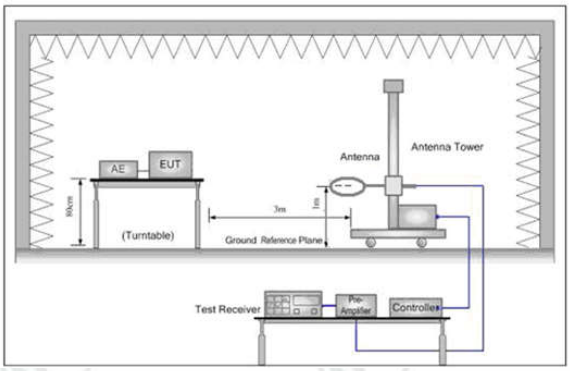


Figure 1. Below 30MHz

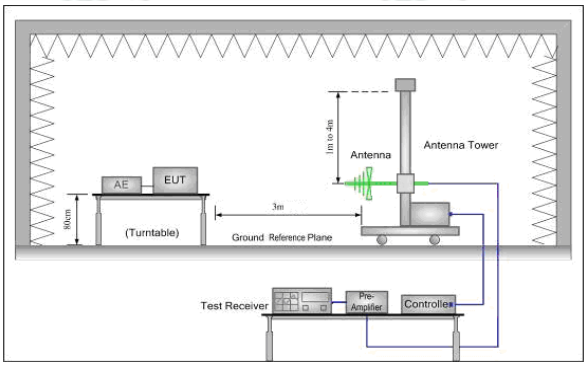


Figure 2. 30MHz to 1GHz

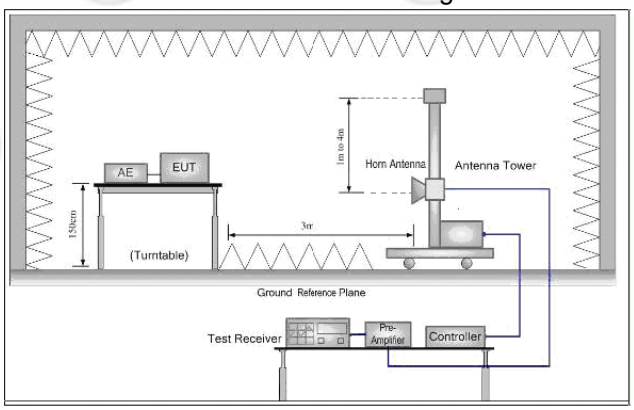
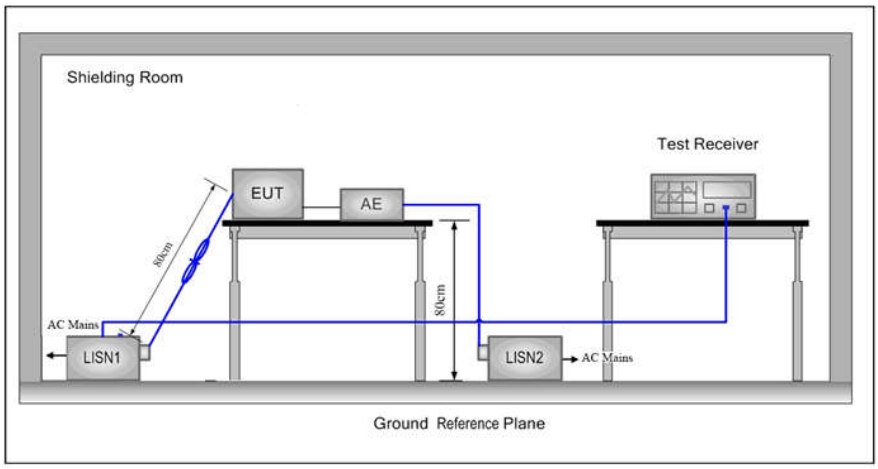


Figure 3. Above 1GHz

5.1.3 For Conducted Emissions test setup

Conducted Emissions setup



5.2 Test Environment

Operating Environment:	
Temperature:	26°C
Humidity:	57% RH
Atmospheric Pressure:	1010mbar

5.3 Test Condition

Test Mode	Tx	RF Channel		
		Low(L)	Middle(M)	High(H)
GFSK	2410MHz ~2477 MHz	Channel 1	Channel 10	Channel 20
		2410MHz	2441.5MHz	2477MHz
TX mode: The EUT transmitted the continuous modulation test signal at the specific channel(s).				

6 General Information

6.1 Client Information

Applicant:	SUNVALLEYTEK INTERNATIONAL. INC
Address of Applicant:	46724 lakeview Blvd, Fremont, CA 94538
Manufacturer:	Shenzhen NearbyExpress Technology Development Co., Ltd.
Address of Manufacturer:	333 Bulong Road, jialianda Industrial Park, Building 1, Bantain, Longgang District, Shenzhen, China
Factory:	Foshan Shunde Alford Electronics Co., Ltd
Address of Factory:	Xinjiao Industrial Park, Daliang, Shunde Foshan City, Guangdong Province, China

6.2 General Description of EUT

Product Name:	Baby Monitor	
Model No.(EUT):	VA-IH006BU	
Trade mark:	VAVA	
EUT Supports Radios application:	2410MHz - 2477MHz	
Power Supply:	AC adapter	Model: VSD0500120VU Input:100-240V~50/60Hz 0.3A Output: 5V ⎓ 1.2A
Sample Received Date:	Mar. 11, 2019	
Sample tested Date:	Mar. 11, 2019 to Jul. 03, 2019	

6.3 Product Specification subjective to this standard

Operation Frequency:	2410MHz - 2477MHz
Modulation Technique:	Frequency Hopping Spread Spectrum(FHSS)
Modulation Type:	GFSK
Number of Channel:	20
Hopping Channel Type:	Adaptive Frequency Hopping systems
Test Power Grade:	N/A
Test Software of EUT:	N/A
Antenna Type:	External antenna
Antenna Gain:	0dBi
Test Voltage:	AC 120V, 60Hz

Operation Frequency each of channel

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
1	2410MHz	6	2427.5MHz	11	2445MHz	16	2462.5MHz
2	2413.5MHz	7	2431MHz	12	2448.5MHz	17	2466MHz
3	2417MHz	8	2434.5MHz	13	2452MHz	18	2469.5MHz
4	2420.5MHz	9	2438MHz	14	2455.5MHz	19	2473MHz
5	2424MHz	10	2441.5MHz	15	2459MHz	20	2477MHz

6.4 Description of Support Units

The EUT has been tested independently.

6.5 Test Location

All tests were performed at:

Centre Testing International Group Co., Ltd

Building C, Hongwei Industrial Park Block 70, Bao'an District, Shenzhen, China

Telephone: +86 (0) 755 33683668 Fax:+86 (0) 755 33683385

No tests were sub-contracted.

FCC Designation No.: CN1164

6.6 Deviation from Standards

None.

6.7 Abnormalities from Standard Conditions

None.

6.8 Other Information Requested by the Customer

None.

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

No.	Item	Measurement Uncertainty
1	Radio Frequency	7.9×10^{-8}
2	RF power, conducted	0.46dB (30MHz-1GHz)
		0.55dB (1GHz-18GHz)
3	Radiated Spurious emission test	4.3dB (30MHz-1GHz)
		4.5dB (1GHz-12.75GHz)
4	Conduction emission	3.5dB (9kHz to 150kHz)
		3.1dB (150kHz to 30MHz)
5	Temperature test	0.64°C
6	Humidity test	3.8%
7	DC power voltages	0.026%

7 Equipment List

RF test system					
Equipment	**Manufacturer**	**Model No.**	**Serial Number**	**Cal. Date (mm-dd-yyyy)**	**Cal. Due date (mm-dd-yyyy)**
Signal Generator	Keysight	E8257D	MY53401106	03-01-2019	02-28-2020
Spectrum Analyzer	Keysight	N9010A	MY54510339	03-01-2019	02-28-2020
Signal Generator	Keysight	N5182B	MY53051549	03-01-2019	02-28-2020
High-pass filter	Sinoscite	FL3CX03WG18NM12-0398-002	---	01-09-2019	01-08-2020
High-pass filter	MICRO-TRONICS	SPA-F-63029-4	---	01-09-2019	01-08-2020
DC Power	Keysight	E3642A	MY54426035	03-01-2019	02-28-2020
PC-1	Lenovo	R4960d	---	03-01-2019	02-28-2020
BT&WI-FI Automatic control	R&S	OSP120	101374	03-01-2019	02-28-2020
RF control unit	JS Tonscend	JS0806-2	15860006	03-01-2019	02-28-2020
RF control unit	JS Tonscend	JS0806-1	15860004	03-01-2019	02-28-2020
RF control unit	JS Tonscend	JS0806-4	158060007	03-01-2019	02-28-2020
BT&WI-FI Automatic test software	JS Tonscend	JS1120-2	---	03-01-2019	02-28-2020

Conducted disturbance Test					
Equipment	**Manufacturer**	**Model No.**	**Serial Number**	**Cal. date (mm-dd-yyyy)**	**Cal. Due date (mm-dd-yyyy)**
Receiver	R&S	ESCI	100435	05-20-2019	05-18-2020
Temperature/ Humidity Indicator	Defu	TH128	/	06-14-2019	06-12-2020
Communication test set	Agilent	E5515C	GB47050 534	03-01-2019	02-28-2020
Communication test set	R&S	CMW500	102898	01-18-2019	01-17-2020
LISN	R&S	ENV216	100098	05-08-2019	05-06-2020
LISN	schwarzbeck	NNLK8121	8121-529	05-08-2019	05-06-2020
Voltage Probe	R&S	ESH2-Z3 0299.7810.5 6	100042	06-13-2017	06-11-2020
Current Probe	R&S	EZ-17 816.2063.03	100106	05-20-2019	05-18-2020
ISN	TESEQ	ISN T800	30297	01-06-2019	01-15-2020
Barometer	changchun	DYM3	1188	06-20-2019	06-18-2020

3M Semi/full-anechoic Chamber					
Equipment	**Manufacturer**	**Model No.**	**Serial Number**	**Cal. date (mm-dd-yyyy)**	**Cal. Due date (mm-dd-yyyy)**
3M Chamber & Accessory Equipment	TDK	SAC-3	---	05-24-2019	05-22-2022
TRILOG Broadband Antenna	Schwarzbeck	VULB9163	9163-401	12-21-2018	12-20-2019
TRILOG Broadband Antenna	Schwarzbeck	VULB9163	9163-618	07-30-2018	07-29-2019
Microwave Preamplifier	Agilent	8449B	3008A02425	08-21-2018	08-20-2019
Microwave Preamplifier	Tonscend	EMC051845SE	980380	01-16-2019	01-15-2020
Horn Antenna	Schwarzbeck	BBHA 9120D	9120D-1869	04-25-2018	04-23-2021
Horn Antenna	ETS-LINDGREN	3117	00057410	06-05-2018	06-03-2021
Double ridge horn antenna	A.H.SYSTEMS	SAS-574	374	06-05-2018	06-04-2021
Pre-amplifier	A.H.SYSTEMS	PAP-1840-60	6041.6041	08-08-2018	08-07-2019
Loop Antenna	Schwarzbeck	FMZB 1519B	1519B-076	04-25-2018	04-23-2021
Spectrum Analyzer	R&S	FSP40	100416	04-28-2019	04-26-2020
Receiver	R&S	ESCI	100435	05-20-2019	05-18-2020
Receiver	R&S	ESCI7	100938-003	11-23-2018	11-22-2019
Multi device Controller	maturo	NCD/070/10711112	---	01-09-2019	01-08-2020
LISN	schwarzbeck	NNBM8125	81251547	05-08-2019	05-06-2020
LISN	schwarzbeck	NNBM8125	81251548	05-08-2019	05-06-2020
Signal Generator	Agilent	E4438C	MY45095744	03-01-2019	02-28-2020
Signal Generator	Keysight	E8257D	MY53401106	03-01-2019	02-28-2020
Temperature/ Humidity Indicator	Shanghai qixiang	HM10	1804298	10-12-2018	10-11-2019
Communication test set	Agilent	E5515C	GB47050534	03-01-2019	02-28-2020
Cable line	Fulai(7M)	SF106	5219/6A	01-09-2019	01-08-2020
Cable line	Fulai(6M)	SF106	5220/6A	01-09-2019	01-08-2020
Cable line	Fulai(3M)	SF106	5216/6A	01-09-2019	01-08-2020
Cable line	Fulai(3M)	SF106	5217/6A	01-09-2019	01-08-2020
Communication test set	R&S	CMW500	104466	01-18-2019	01-17-2020
High-pass filter	Sinoscite	FL3CX03WG18NM12-0398-002	---	01-09-2019	01-08-2020
High-pass filter	MICRO-TRONICS	SPA-F-63029-4	---	01-09-2019	01-08-2020
band rejection filter	Sinoscite	FL5CX01CA09CL12-0395-001	---	01-09-2019	01-08-2020
band rejection filter	Sinoscite	FL5CX01CA08CL12-0393-001	---	01-09-2019	01-08-2020

3M full-anechoic Chamber					
Equipment	**Manufacturer**	**Model No.**	**Serial Number**	**Cal. date (mm-dd-yyyy)**	**Cal. Due date (mm-dd-yyyy)**
RSE Automatic test software	JS Tonscend	JS36-RSE	10166	06-19-2019	06-17-2020
Receiver	Keysight	N9038A	MY57290136	03-27-2019	03-25-2020
Spectrum Analyzer	Keysight	N9020B	MY57111112	03-27-2019	03-25-2020
Spectrum Analyzer	Keysight	N9030B	MY57140871	03-27-2019	03-25-2020
Loop Antenna	Schwarzbeck	FMZB 1519B	1519B-075	04-25-2018	04-23-2021
Loop Antenna	Schwarzbeck	FMZB 1519B	1519B-076	04-25-2018	04-23-2021
TRILOG Broadband Antenna	Schwarzbeck	VULB 9163	9163-1148	04-25-2018	04-23-2021
Horn Antenna	Schwarzbeck	BBHA 9170	9170-832	04-25-2018	04-23-2021
Horn Antenna	Schwarzbeck	BBHA 9170	9170-829	04-25-2018	04-23-2021
Communication Antenna	Schwarzbeck	CLSA 0110L	1014	02-14-2019	02-13-2020
Biconical antenna	Schwarzbeck	VUBA 9117	9117-381	04-25-2018	04-23-2021
Horn Antenna	ETS-LINDGREN	3117	00057407	07-10-2018	07-08-2021
Preamplifier	EMCI	EMC184055SE	980596	05-22-2019	05-20-2019
Communication test set	R&S	CMW500	102898	01-18-2019	01-17-2020
Preamplifier	EMCI	EMC001330	980563	05-08-2019	05-06-2020
Preamplifier	Agilent	8449B	3008A02425	08-21-2018	08-20-2019
Temperature/ Humidity Indicator	biaozhi	GM1360	EE1186631	05-01-2019	04-30-2020
Signal Generator	KEYSIGHT	E8257D	MY53401106	03-01-2019	02-28-2020
Fully Anechoic Chamber	TDK	FAC-3	---	01-17-2018	01-15-2021
Filter bank	JS Tonscend	JS0806-F	188060094	04-10-2018	04-08-2021
Cable line	Times	SFT205-NMSM-2.50M	394812-0001	01-09-2019	01-08-2020
Cable line	Times	SFT205-NMSM-2.50M	394812-0002	01-09-2019	01-08-2020
Cable line	Times	SFT205-NMSM-2.50M	394812-0003	01-09-2019	01-08-2020
Cable line	Times	SFT205-NMSM-2.50M	393495-0001	01-09-2019	01-08-2020
Cable line	Times	EMC104-NMNM-1000	SN160710	01-09-2019	01-08-2020
Cable line	Times	SFT205-NMSM-3.00M	394813-0001	01-09-2019	01-08-2020
Cable line	Times	SFT205-NMNM-1.50M	381964-0001	01-09-2019	01-08-2020
Cable line	Times	SFT205-NMSM-7.00M	394815-0001	01-09-2019	01-08-2020

8 Radio Technical Requirements Specification

Reference documents for testing:

No.	Identity	Document Title
1	FCC Part15C	Subpart C-Intentional Radiators
2	ANSI C63.10-2013	American National Standard for Testing Unlicesed Wireless Devices

Test Results List:

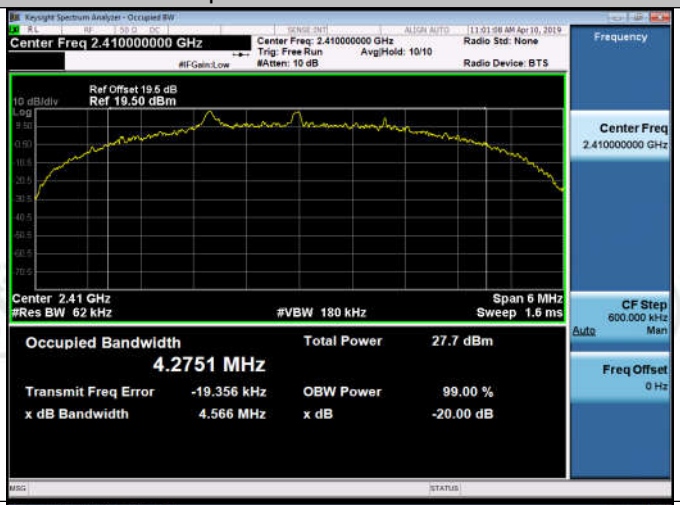
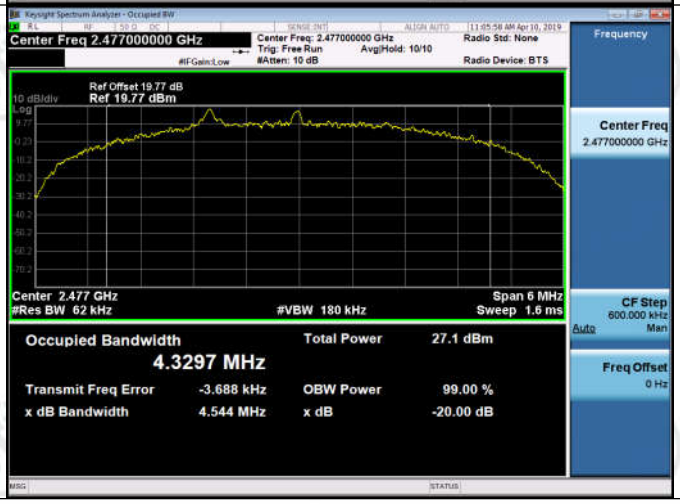
Test requirement	Test method	Test item	Verdict	Note
Part15C Section 15.247 (a)(1)	ANSI 63.10	20dB Occupied Bandwidth	PASS	Appendix A)
Part15C Section 15.247 (a)(1)	ANSI 63.10	Carrier Frequencies Separation	PASS	Appendix B)
Part15C Section 15.247 (a)(1)	ANSI 63.10	Dwell Time	PASS	Appendix C)
Part15C Section 15.247 (b)	ANSI 63.10	Hopping Channel Number	PASS	Appendix D)
Part15C Section 15.247 (b)(1)	ANSI 63.10	Conducted Peak Output Power	PASS	Appendix E)
Part15C Section 15.247(d)	ANSI 63.10	Band-edge for RF Conducted Emissions	PASS	Appendix F)
Part15C Section 15.247(d)	ANSI 63.10	RF Conducted Spurious Emissions	PASS	Appendix G)
Part15C Section 15.247 (a)(1)	ANSI 63.10	Pseudorandom Frequency Hopping Sequence	PASS	Appendix H)
Part15C Section 15.203/15.247 (c)	ANSI 63.10	Antenna Requirement	PASS	Appendix I)
Part15C Section 15.207	ANSI 63.10	AC Power Line Conducted Emission	PASS	Appendix J)
Part15C Section 15.205/15.209	ANSI 63.10	Restricted bands around fundamental frequency (Radiated) Emission)	PASS	Appendix K)
Part15C Section 15.205/15.209	ANSI 63.10	Radiated Spurious Emissions	PASS	Appendix L)

Appendix A): 20dB Occupied Bandwidth

Test Result

Mode	Channel.	20dB Bandwidth [MHz]	99% OBW [MHz]	Verdict
GFSK	LCH	4.566	4.2751	PASS
GFSK	MCH	4.548	4.3199	PASS
GFSK	HCH	4.544	4.3297	PASS

Test Graph

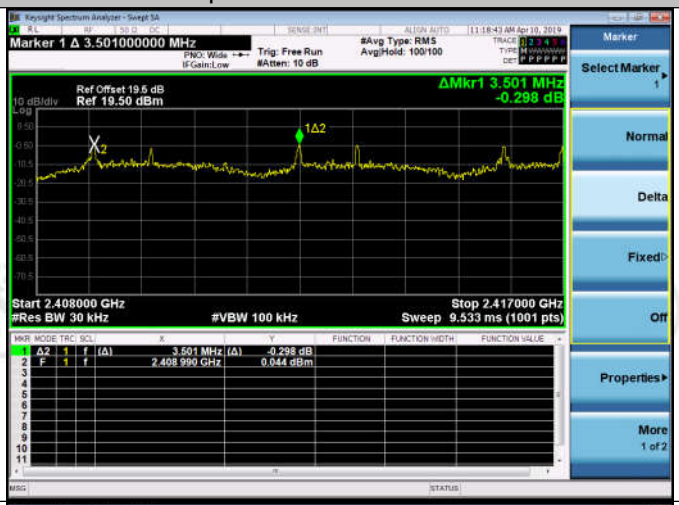
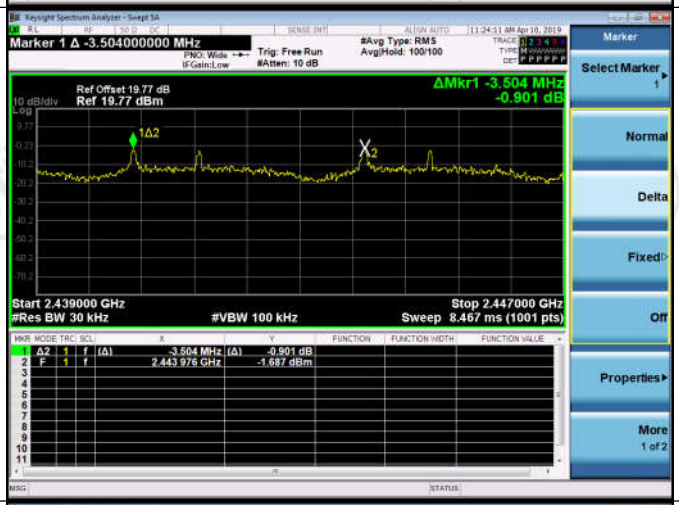
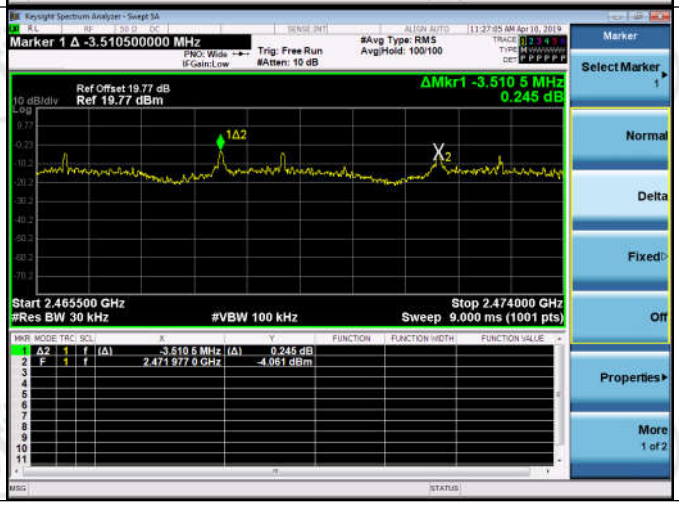
Graphs			
GFSK/LCH			
GFSK/MCH			
GFSK/HCH			

Appendix B): Carrier Frequency Separation

Result Table

Mode	Channel.	Carrier Frequency Separation [MHz]	Verdict
GFSK	LCH	3.501	PASS
GFSK	MCH	3.504	PASS
GFSK	HCH	3.5105	PASS

Test Graph

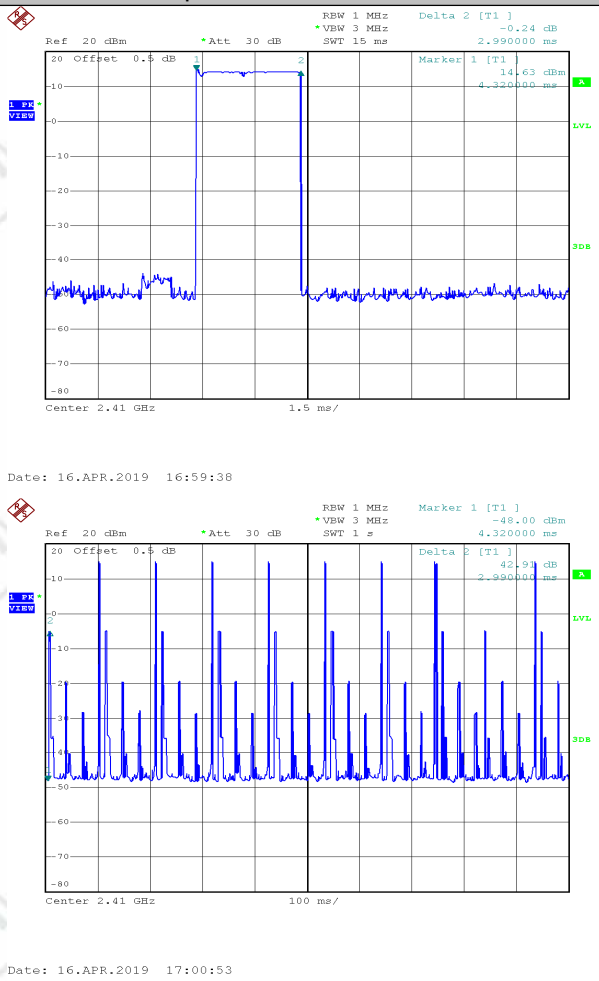
Graphs			
GFSK/LCH			
GFSK/MCH			
GFSK/HCH			

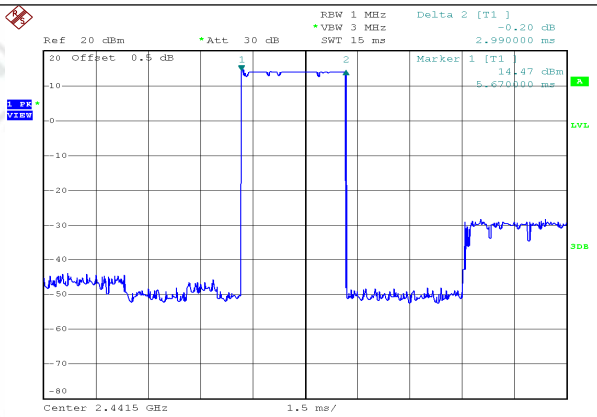
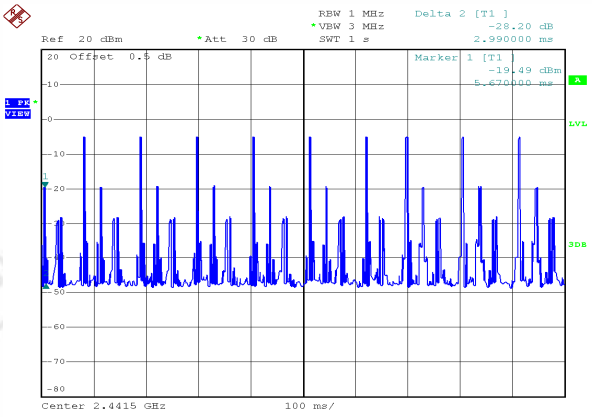
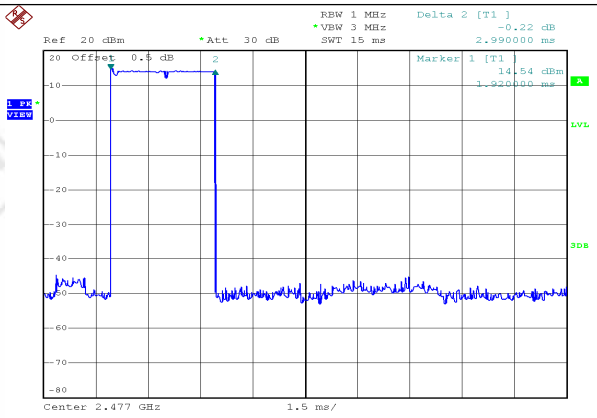
Appendix C): Dwell Time

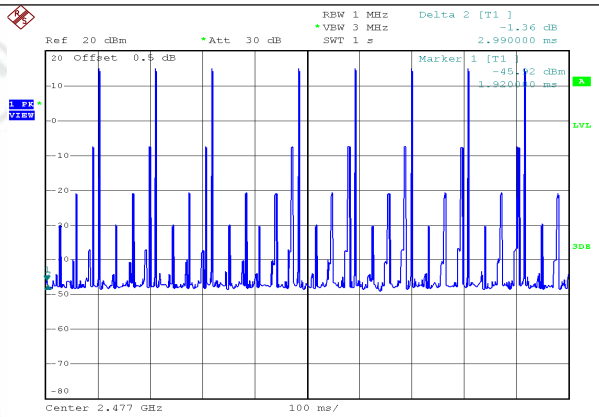
Result Table

Mode	Channel	Observe time[s]	one set of pulses[ms]	pulses within 1s	Dwell Time[s]	Verdict
GFSK	LCH	7.6	1.33	8	0.08	PASS
GFSK	MCH	7.6	2.68	9	0.18	PASS
GFSK	HCH	7.6	1.07	8	0.06	PASS

Test Graph

Graphs	
GFSK/LCH	

GFSK/MCH	 
GFSK/HCH	

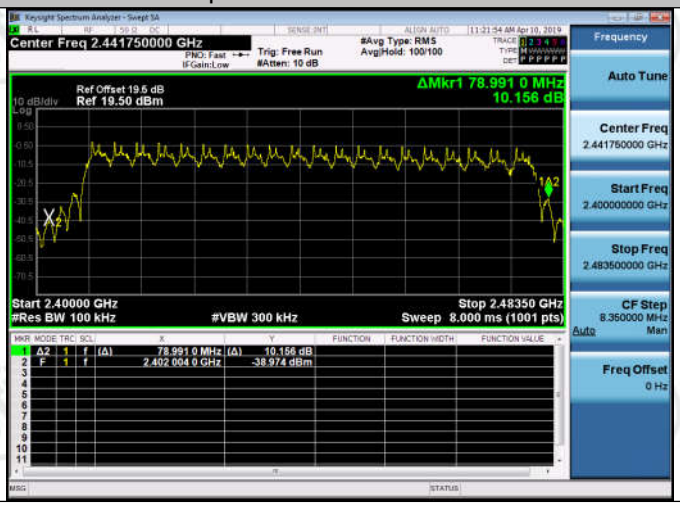

RBW 1 MHz
*VBW 3 MHz
SWT 1 s
Delta 2 [T1]
-1.36 dB
2.990000 ms
Ref 20 dBm
*Att 30 dB
20 Offset 0.5 dB
Marker 1 [T1
-45.92 dBm
1.920000 ms
1 PK
VIEW
LVL
3DB
Center 2.477 GHz
100 ms/
Date: 16.APR.2019 17:06:29

Appendix D): Hopping Channel Number

Result Table

Mode	Channel.	Number of Hopping Channel	Verdict
GFSK	Hop	20	PASS

Test Graph

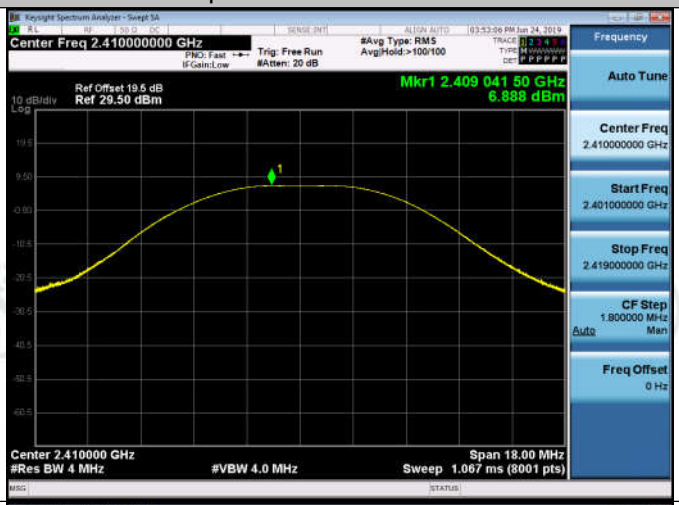
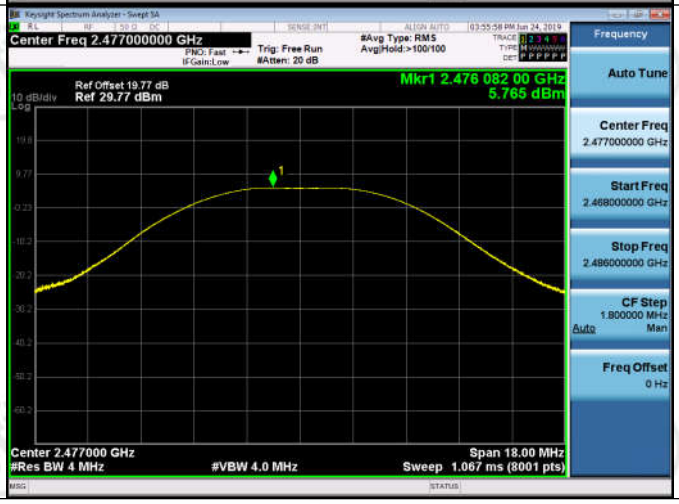
Graphs		
GFSK/Hop		

Appendix E): Conducted Peak Output Power

Result Table

Mode	Channel.	Maximum Peak Output Power [dBm]	Verdict
GFSK	LCH	6.888	PASS
GFSK	MCH	6.633	PASS
GFSK	HCH	5.765	PASS

Test Graph

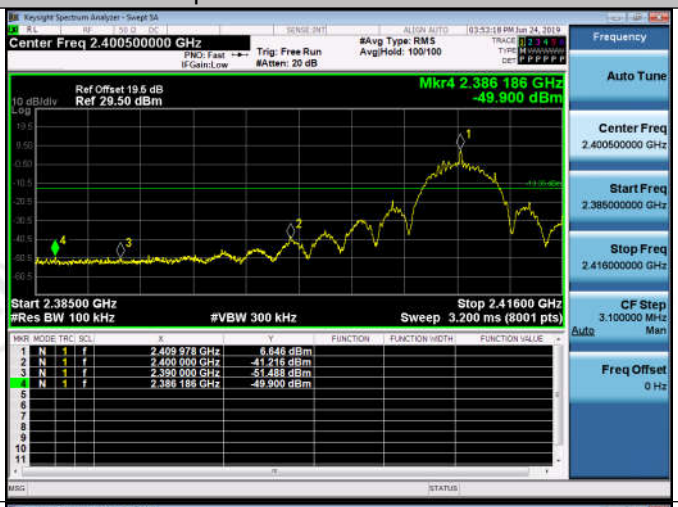
Graphs			
GFSK/LCH			
GFSK/MCH			
GFSK/HCH			

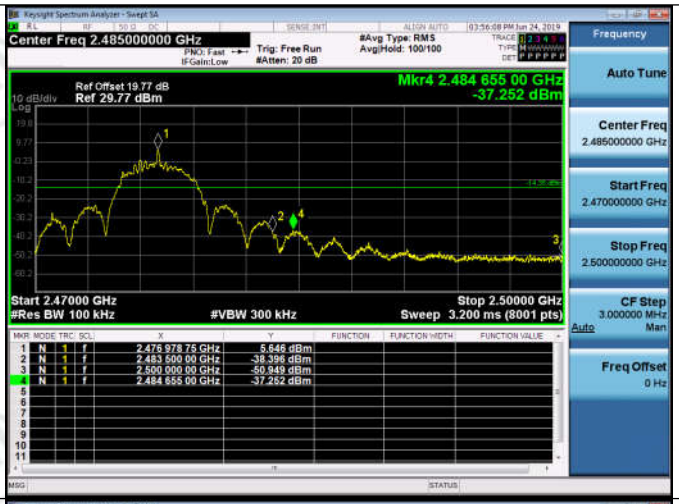
Appendix F): Band-edge for RF Conducted Emissions

Result Table

Mode	Channel	Carrier Frequency [MHz]	Carrier Power [dBm]	Frequency Hopping	Max Spurious Level [dBm]	Limit [dBm]	Verdict
GFSK	LCH	2410	6.646	Off	-49.900	-13.35	PASS
			6.797	On	-56.285	-13.2	PASS
GFSK	HCH	2477	5.646	Off	-37.252	-14.35	PASS
			5.578	On	-37.228	-14.42	PASS

Test Graph

Graphs	
GFSK/LCH/No Hop	
GFSK/LCH/Hop	

GFSK/HCH/No Hop			
GFSK/HCH/Hop			

Appendix G): RF Conducted Spurious Emissions

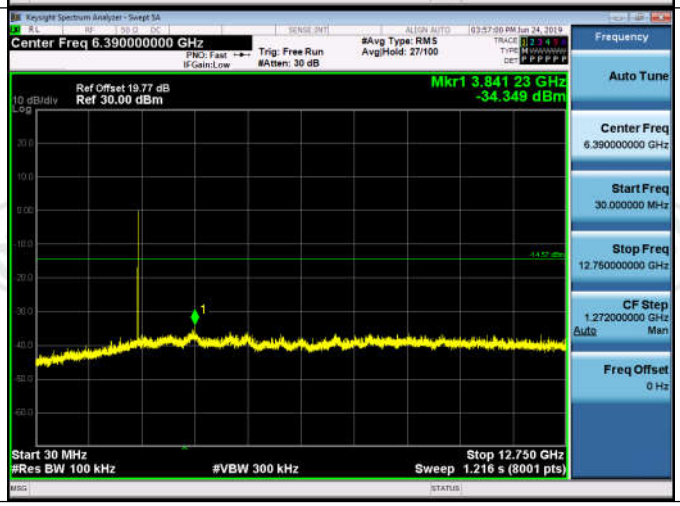
Result Table

Mode	Channel	Pref [dBm]	Puw[dBm]	Verdict
GFSK	LCH	6.68	<Limit	PASS
GFSK	MCH	6.316	<Limit	PASS
GFSK	HCH	5.427	<Limit	PASS

Test Graph

GFSK_LCH_Graphs		
Pref		
Puw		

GFSK_MCH_Graphs			
Pref			
Puw			

GFSK_HCH_Graphs			
Pref			
Puw			

Appendix H): Pseudorandom Frequency Hopping Sequence

Test Requirement:	47 CFR Part 15**C Section 15.247 (a)(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	
Hopping Mechanism VA-IH006BU family use adaptive frequency hopping. There are at 20 radio non-overlap channels (above 20dBc) in the 2.4GHz ISM band. The channel transmission bandwidth is about 3.5MHz. We can allocate 20 non-overlap channels between 2410MHz to 2477MHz. Like AFH of Bluetooth, VA-IH006BU provide smart channel selection algorithm to avoid radio interference from other 2.4GHz devices. The system will generate a pseudorandom ordered list base on: 1) A 8 bit factory ID(8 bit) 2) A 6 bit set number ID(6 bit)	

Appendix I): Antenna Requirement

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(b) (4) requirement:

The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

EUT Antenna:	

The antenna is External antenna and no consideration of replacement. The best case gain of the antenna is 0dBi.

Appendix J): AC Power Line Conducted Emission

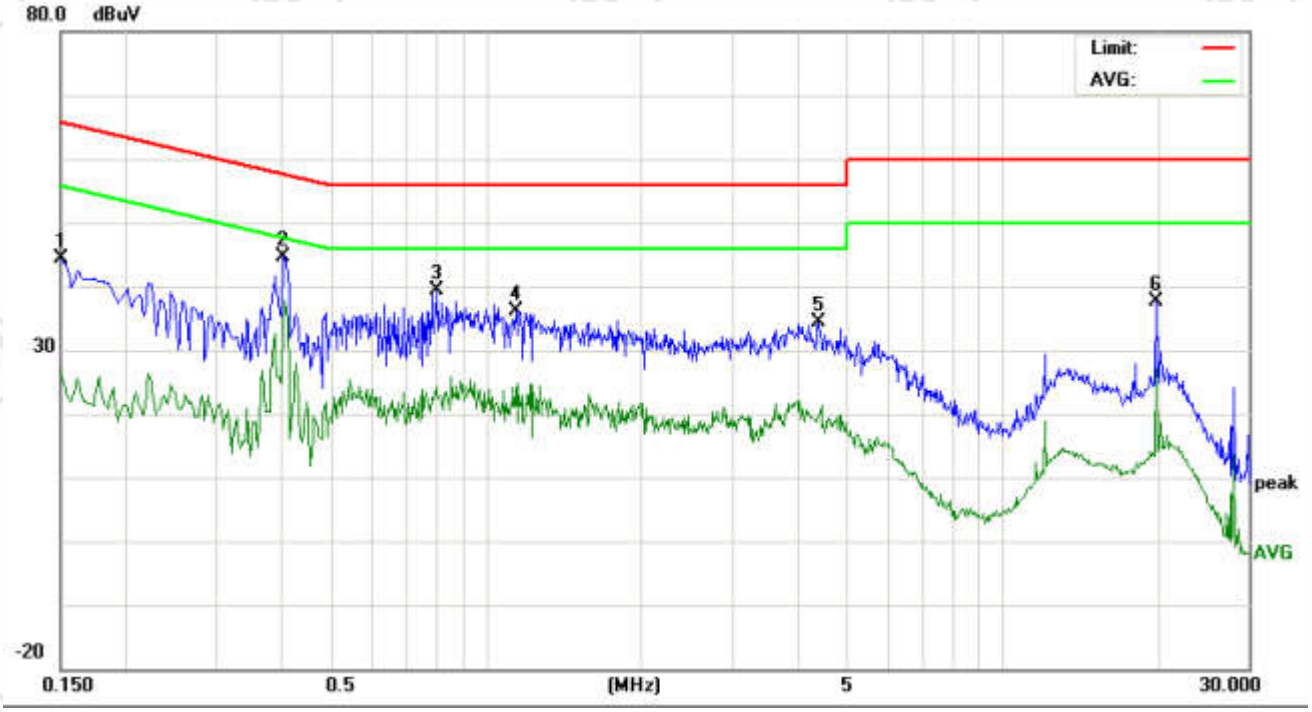
<table>
<tr><td>Test Procedure:</td><td>Test frequency range :150KHz-30MHz
1)The mains terminal disturbance voltage test was conducted in a shielded room.
2) The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides a 50Ω/50μH + 5Ω linear impedance. The power cables of all other units of the EUT were connected to a second LISN 2, which was bonded to the ground reference plane in the same way as the LISN 1 for the unit being measured. A multiple socket outlet strip was used to connect multiple power cables to a single LISN provided the rating of the LISN was not exceeded.
3)The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane,
4) The test was performed with a vertical ground reference plane. The rear of the EUT shall be 0.4 m from the vertical ground reference plane. The vertical ground reference plane was bonded to the horizontal ground reference plane. The LISN 1 was placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for LISNs mounted on top of the ground reference plane. This distance was between the closest points of the LISN 1 and the EUT. All other units of the EUT and associated equipment was at least 0.8 m from the LISN 2.
5) 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.</td></tr>
<tr><td>Limit:</td><td>
<table>
<tr><th rowspan="2">Frequency range (MHz)</th><th colspan="2">Limit (dBμV)</th></tr>
<tr><th>Quasi-peak</th><th>Average</th></tr>
<tr><td>0.15-0.5</td><td>66 to 56*</td><td>56 to 46*</td></tr>
<tr><td>0.5-5</td><td>56</td><td>46</td></tr>
<tr><td>5-30</td><td>60</td><td>50</td></tr>
</table>
* The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50 MHz.
NOTE : The lower limit is applicable at the transition frequency</td></tr>
</table>

Measurement Data

An initial pre-scan was performed on the live and neutral lines with peak detector.
Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission were detected.

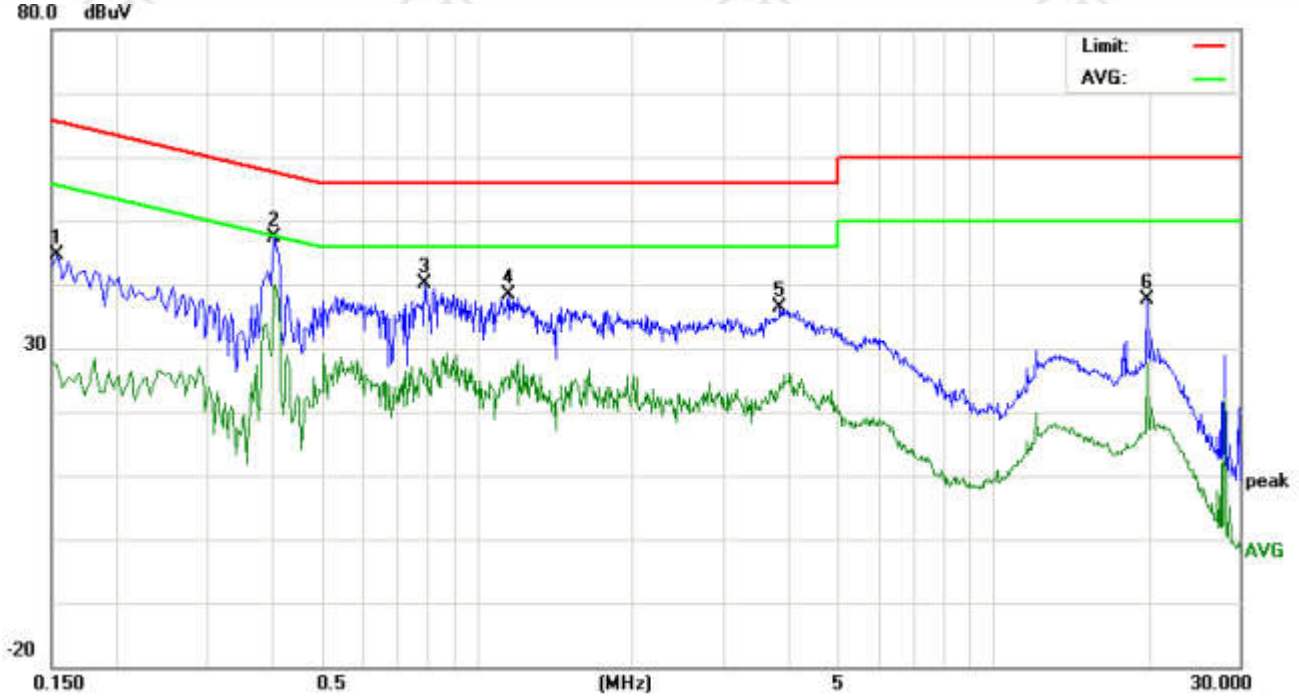
Product	:	Baby Monitor	**Model/Type reference**	:	VA-IH006BU
Temperature	:	22℃	**Humidity**	:	53%

Live line:



No.	Freq.	Reading_Level (dBuV)			Correct Factor	Measurement (dBuV)			Limit (dBuV)		Margin (dB)			
	MHz	Peak	QP	AVG	dB	peak	QP	AVG	QP	AVG	QP	AVG	P/F	Comment
1	0.1500	34.43	31.47	17.16	9.91	44.34	41.38	27.07	65.99	55.99	-24.61	-28.92	P	
2	0.4060	34.73	31.36	24.97	9.89	44.62	41.25	34.86	57.73	47.73	-16.48	-12.87	P	
3	0.8059	29.47	25.89	13.70	9.80	39.27	35.69	23.50	56.00	46.00	-20.31	-22.50	P	
4	1.1420	26.31	23.47	14.22	9.80	36.11	33.27	24.02	56.00	46.00	-22.73	-21.98	P	
5	4.4100	24.67	21.33	9.83	9.73	34.40	31.06	19.56	56.00	46.00	-24.94	-26.44	P	
6	19.8779	27.80	25.62	17.12	9.91	37.71	35.53	27.03	60.00	50.00	-24.47	-22.97	P	

Neutral line:



No.	Freq.	Reading_Level (dBuV)			Correct Factor	Measurement (dBuV)			Limit (dBuV)		Margin (dB)			
	MHz	Peak	QP	AVG	dB	peak	QP	AVG	QP	AVG	QP	AVG	P/F	Comment
1	0.1539	34.63	31.20	17.13	9.91	44.54	41.11	27.04	65.78	55.78	-24.67	-28.74	P	
2	0.4060	37.45	34.65	29.98	9.89	47.34	44.54	39.87	57.73	47.73	-13.19	-7.86	P	
3	0.7940	30.30	27.55	16.21	9.80	40.10	37.35	26.01	56.00	46.00	-18.65	-19.99	P	
4	1.1500	28.66	25.33	15.91	9.80	38.46	35.13	25.71	56.00	46.00	-20.87	-20.29	P	
5	3.8660	26.74	24.67	14.55	9.73	36.47	34.40	24.28	56.00	46.00	-21.60	-21.72	P	
6	19.8779	27.74	24.78	17.73	9.91	37.65	34.69	27.64	60.00	50.00	-25.31	-22.36	P	

Notes:

1. The following Quasi-Peak and Average measurements were performed on the EUT:
2. Final Test Level =Receiver Reading + LISN Factor + Cable Loss.

Appendix K): Restricted bands around fundamental frequency (Radiated)

Receiver Setup:

Frequency	Detector	RBW	VBW	Remark
30MHz-1GHz	Quasi-peak	120kHz	300kHz	Quasi-peak
Above 1GHz	Peak	1MHz	3MHz	Peak
	Peak	1MHz	10Hz	Average

Test Procedure:

Below 1GHz test procedure as below:

a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic camber. The table was rotated 360 degrees to determine the position of the highest radiation.

b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.

c. 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.

d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.

e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

f. Place a marker at the end of the restricted band closest to the transmit frequency to show compliance. Also measure any emissions in the restricted bands. Save the spectrum analyzer plot. Repeat for each power and modulation for lowest and highest channel

Above 1GHz test procedure as below:

g. Different between above is the test site, change from Semi- Anechoic Chamber to fully Anechoic Chamber and change form table 0.8 meter to 1.5 meter(Above 18GHz the distance is 1 meter and table is 1.5 meter).

h. b. Test the EUT in the lowest channel , the Highest channel

i. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is worse case.

j. Repeat above procedures until all frequencies measured was complete.

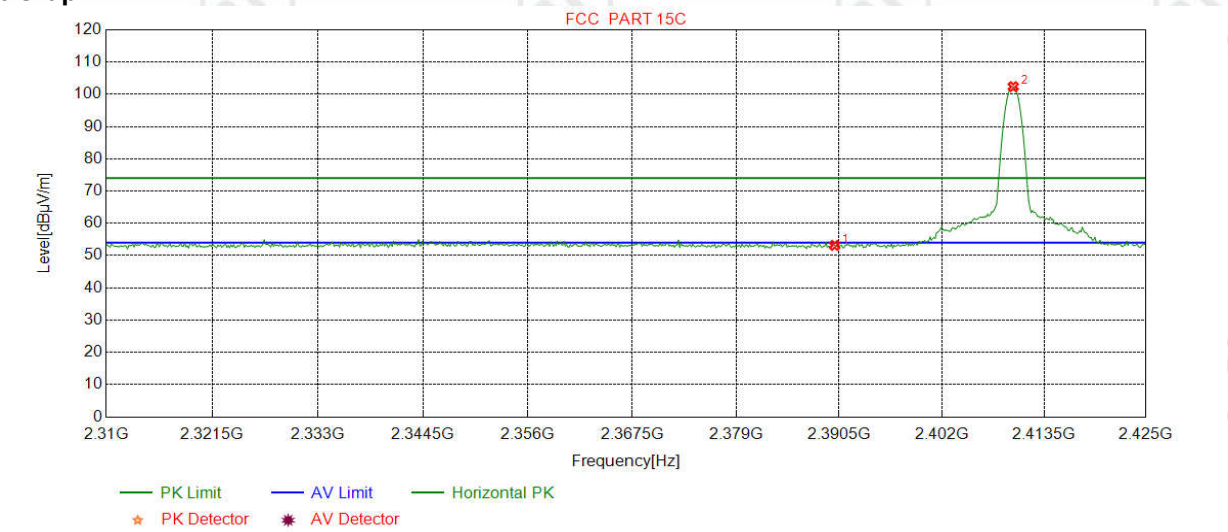
Limit:

Frequency	Limit (dBμV/m @3m)	Remark
30MHz-88MHz	40.0	Quasi-peak Value
88MHz-216MHz	43.5	Quasi-peak Value
216MHz-960MHz	46.0	Quasi-peak Value
960MHz-1GHz	54.0	Quasi-peak Value
Above 1GHz	54.0	Average Value
	74.0	Peak Value

Test plot as follows:

Mode:	GFSK	Channel:	2410
Remark:	PK		

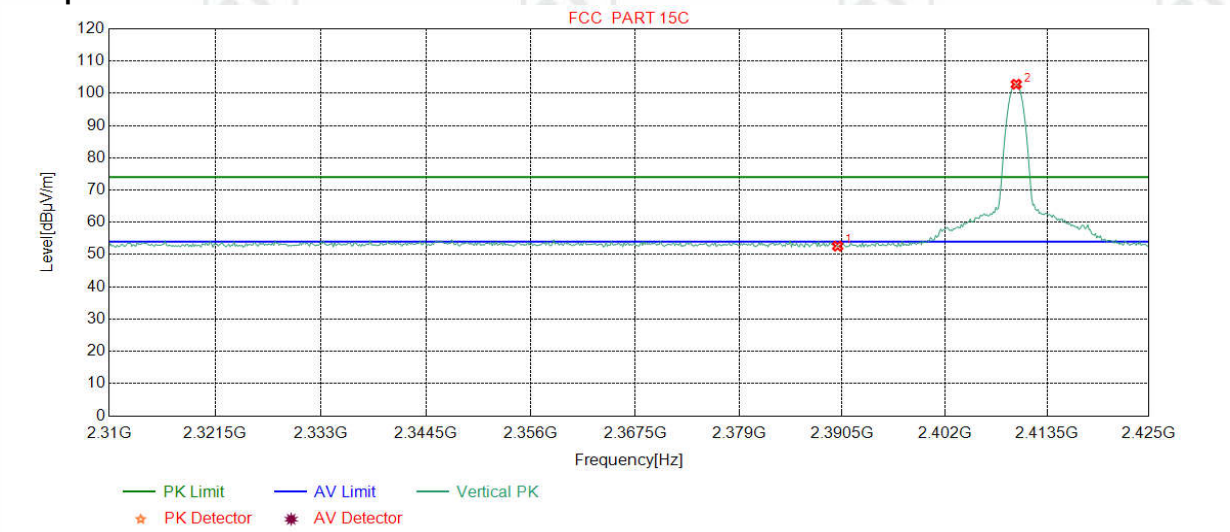
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-42.44	49.98	53.16	74.00	20.84	Pass	Horizontal
2	2410.0313	32.27	13.35	-42.43	99.18	102.37	74.00	-28.37	Pass	Horizontal

Mode:	GFSK	Channel:	2410
Remark:	PK		

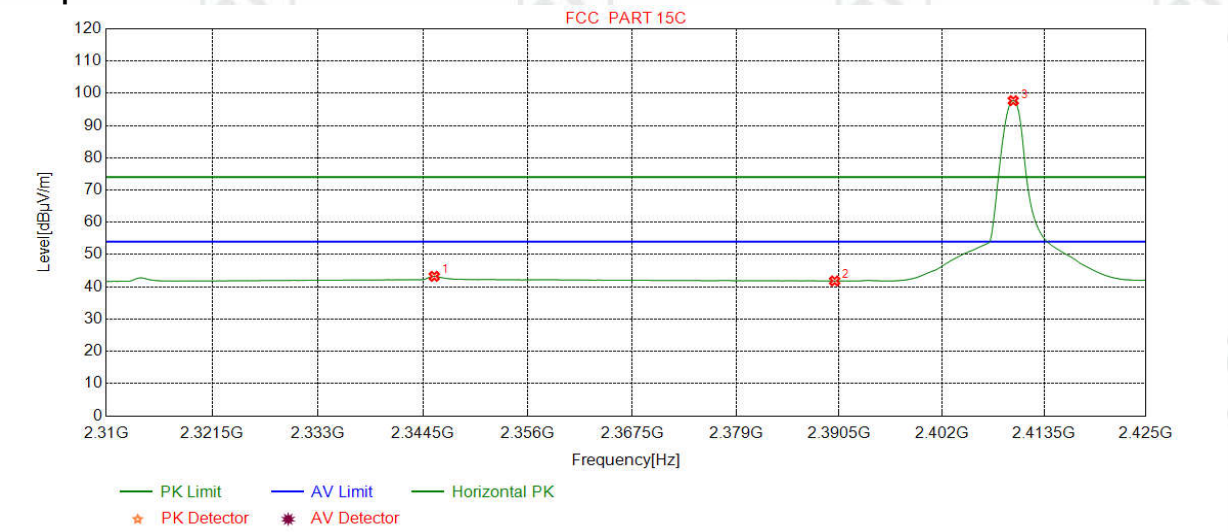
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	2390.0000	32.25	13.37	-42.44	49.44	52.62	74.00	21.38	Pass	Vertical
2	2410.0313	32.27	13.35	-42.43	99.62	102.81	74.00	-28.81	Pass	Vertical

Mode:	GFSK	Channel:	2410
Remark:	AV		

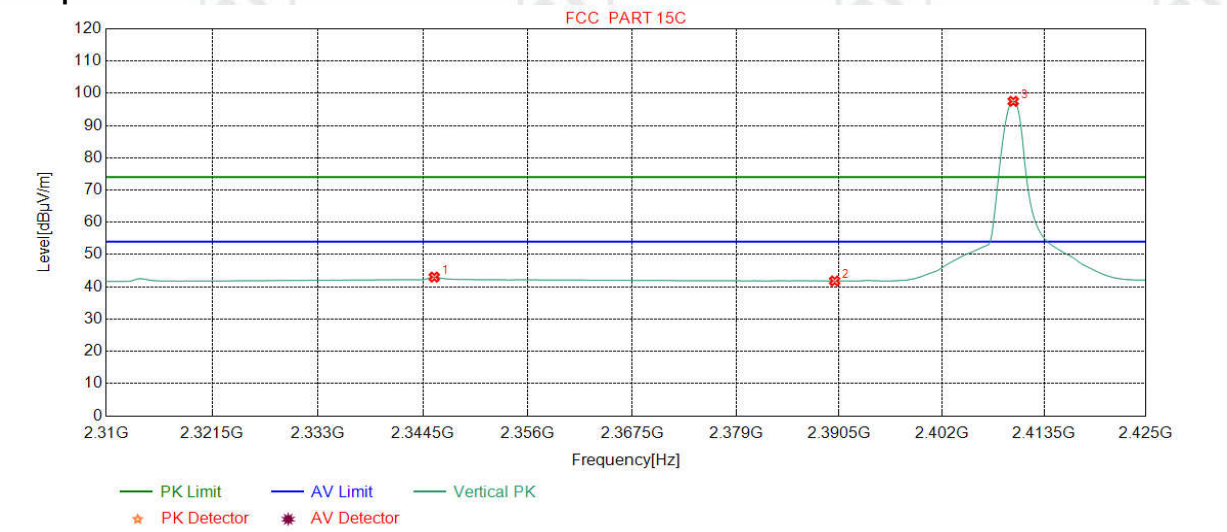
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	2345.6946	32.18	13.64	-42.46	39.90	43.26	54.00	10.74	Pass	Horizontal
2	2390.0000	32.25	13.37	-42.44	38.65	41.83	54.00	12.17	Pass	Horizontal
3	2410.0313	32.27	13.35	-42.43	94.52	97.71	54.00	-43.71	Pass	Horizontal

Mode:	GFSK	Channel:	2410
Remark:	AV		

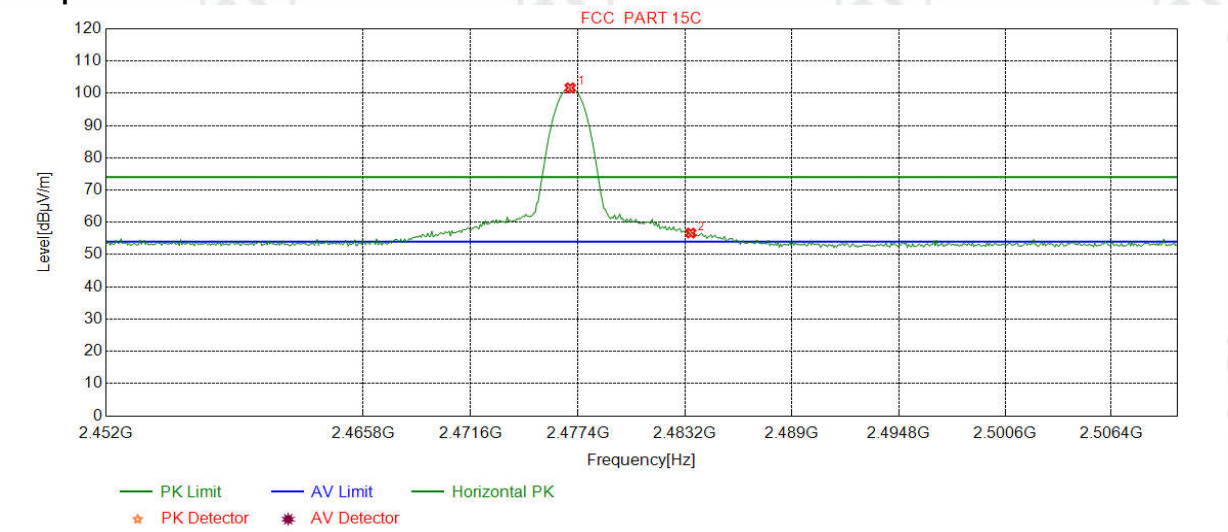
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	2345.6946	32.18	13.64	-42.46	39.67	43.03	54.00	10.97	Pass	Vertical
2	2390.0000	32.25	13.37	-42.44	38.65	41.83	54.00	12.17	Pass	Vertical
3	2410.0313	32.27	13.35	-42.43	94.32	97.51	54.00	-43.51	Pass	Vertical

Mode:	GFSK	Channel:	2477
Remark:	PK		

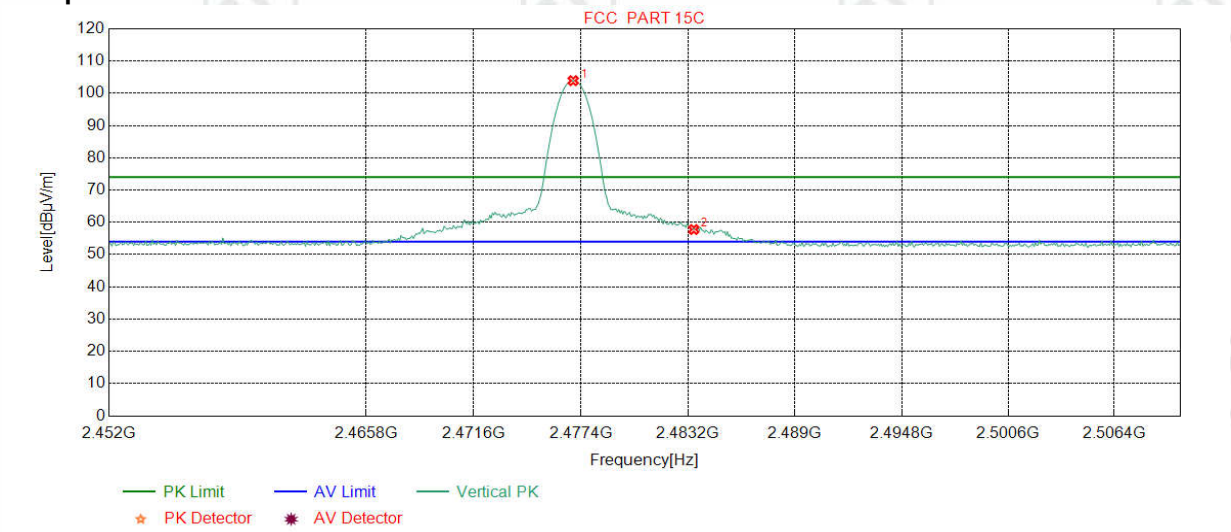
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	2476.9712	32.37	13.41	-42.41	98.33	101.70	74.00	-27.70	Pass	Horizontal
2	2483.5000	32.38	13.38	-42.40	53.33	56.69	74.00	17.31	Pass	Horizontal

Mode:	GFSK	Channel:	2477
Remark:	PK		

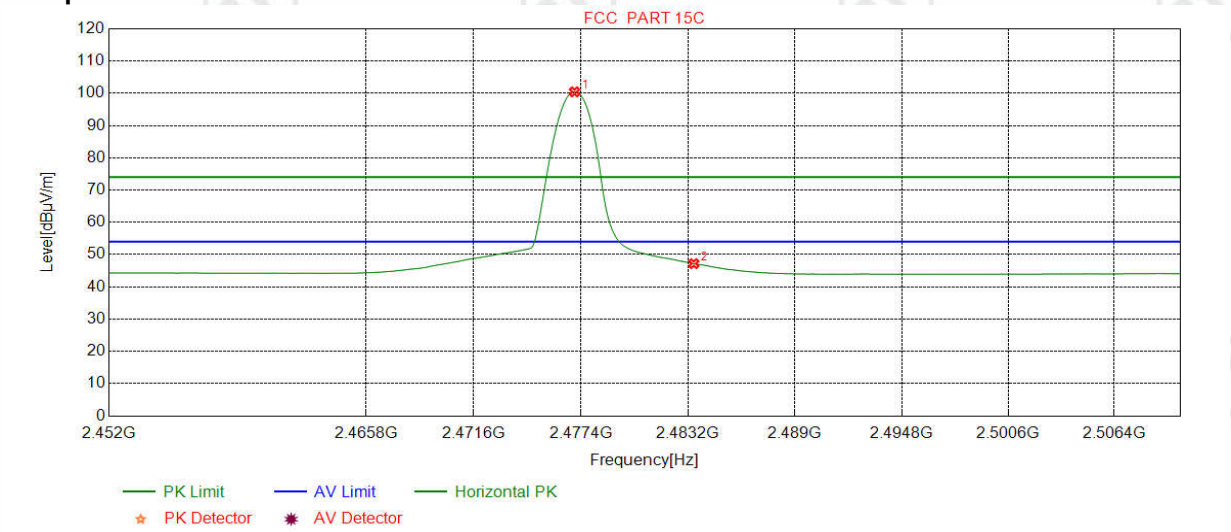
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	2476.9712	32.37	13.41	-42.41	100.54	103.91	74.00	-29.91	Pass	Vertical
2	2483.5000	32.38	13.38	-42.40	54.41	57.77	74.00	16.23	Pass	Vertical

Mode:	GFSK	Channel:	2477
Remark:	AV		

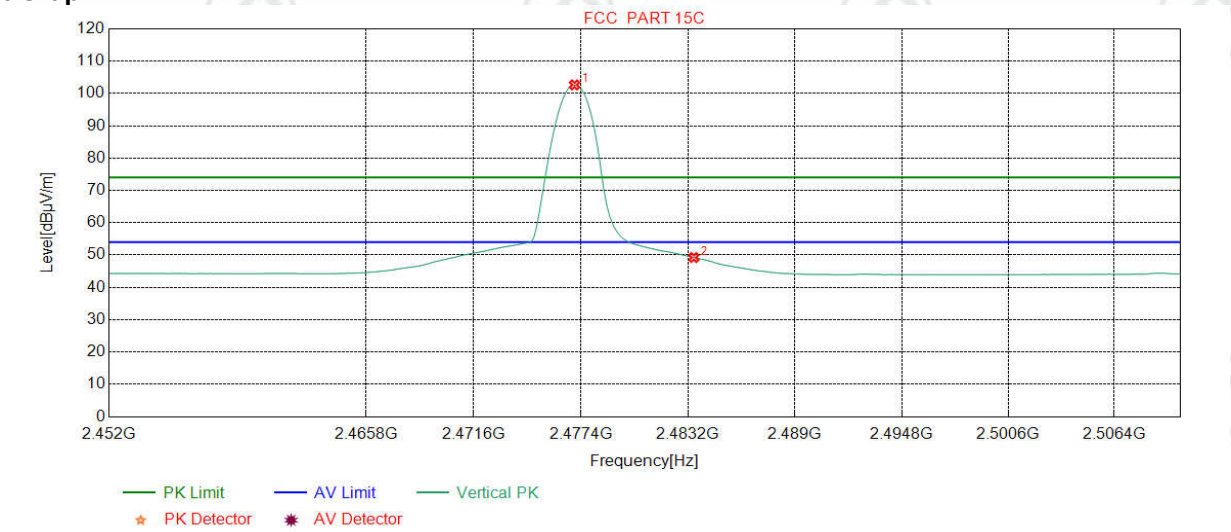
Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	2477.0438	32.37	13.41	-42.41	97.08	100.45	54.00	-46.45	Pass	Horizontal
2	2483.5000	32.38	13.38	-42.40	43.84	47.20	54.00	6.80	Pass	Horizontal

Mode:	GFSK	Channel:	2477
Remark:	AV		

Test Graph



NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBµV]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Result	Polarity
1	2477.0438	32.37	13.41	-42.41	99.28	102.65	54.00	-48.65	Pass	Vertical
2	2483.5000	32.38	13.38	-42.40	45.89	49.25	54.00	4.75	Pass	Vertical

Note:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

Final Test Level =Receiver Reading -Correct Factor

Correct Factor = Preamplifier Factor– Antenna Factor–Cable Factor

Appendix L): Radiated Spurious Emissions

Receiver Setup:

Frequency	Detector	RBW	VBW	Remark
0.009MHz-0.090MHz	Peak	10kHz	30kHz	Peak
0.009MHz-0.090MHz	Average	10kHz	30kHz	Average
0.090MHz-0.110MHz	Quasi-peak	10kHz	30kHz	Quasi-peak
0.110MHz-0.490MHz	Peak	10kHz	30kHz	Peak
0.110MHz-0.490MHz	Average	10kHz	30kHz	Average
0.490MHz -30MHz	Quasi-peak	10kHz	30kHz	Quasi-peak
30MHz-1GHz	Quasi-peak	120kHz	300kHz	Quasi-peak
Above 1GHz	Peak	1MHz	3MHz	Peak
	Peak	1MHz	10Hz	Average

Test Procedure:

Below 1GHz test procedure as below:

a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic camber. The table was rotated 360 degrees to determine the position of the highest radiation.
b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
c. 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.
d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
f. 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.

Above 1GHz test procedure as below:

g. Different between above is the test site, change from Semi- Anechoic Chamber to fully Anechoic Chamber and change form table 0.8 meter to 1.5 meter(Above 18GHz the distance is 1 meter and table is 1.5 meter).
h. Test the EUT in the lowest channel ,the middle channel ,the Highest channel
i. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is worse case.
j. Repeat above procedures until all frequencies measured was complete.

Limit:

Frequency	Field strength (microvolt/meter)	Limit (dBµV/m)	Remark	Measurement distance (m)
0.009MHz-0.490MHz	2400/F(kHz)	-	-	300
0.490MHz-1.705MHz	24000/F(kHz)	-	-	30
1.705MHz-30MHz	30	-	-	30
30MHz-88MHz	100	40.0	Quasi-peak	3
88MHz-216MHz	150	43.5	Quasi-peak	3
216MHz-960MHz	200	46.0	Quasi-peak	3
960MHz-1GHz	500	54.0	Quasi-peak	3
Above 1GHz	500	54.0	Average	3

Note: 15.35(b), Unless otherwise specified, the limit on peak radio frequency emissions is 20dB above the maximum permitted average emission limit applicable to the equipment under test. This peak limit applies to the total peak emission level radiated by the device.

Radiated Spurious Emissions test Data:

Radiated Emission below 1GHz

Mode:		TX				Channel:		2410		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	72.0052	8.62	0.97	-32.05	52.48	30.02	40.00	9.98	Pass	H
2	107.9958	10.92	1.23	-32.07	50.19	30.27	43.50	13.23	Pass	H
3	131.9572	7.60	1.34	-32.01	60.77	37.70	43.50	5.80	Pass	H
4	156.0156	7.76	1.46	-31.99	57.57	34.80	43.50	8.70	Pass	H
5	263.9874	12.48	1.94	-31.88	50.41	32.95	46.00	13.05	Pass	H
6	960.0320	22.46	3.71	-31.09	41.88	36.96	54.00	17.04	Pass	H
7	59.9760	11.60	0.90	-32.04	48.14	28.60	40.00	11.40	Pass	V
8	72.0052	8.62	0.97	-32.05	54.37	31.91	40.00	8.09	Pass	V
9	107.6078	10.92	1.22	-32.06	48.99	29.07	43.50	14.43	Pass	V
10	131.9572	7.60	1.34	-32.01	56.18	33.11	43.50	10.39	Pass	V
11	649.9890	19.40	3.10	-32.07	44.00	34.43	46.00	11.57	Pass	V
12	906.4826	22.14	3.60	-31.52	41.35	35.57	46.00	10.43	Pass	V

Mode:		TX				Channel:		2441.5		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	59.9760	11.60	0.90	-32.04	48.12	28.58	40.00	11.42	Pass	H
2	72.0052	8.62	0.97	-32.05	50.76	28.30	40.00	11.70	Pass	H
3	107.9958	10.92	1.23	-32.07	51.93	32.01	43.50	11.49	Pass	H
4	132.0542	7.60	1.34	-32.01	60.23	37.16	43.50	6.34	Pass	H
5	156.0156	7.76	1.46	-31.99	62.09	39.32	43.50	4.18	Pass	H
6	263.9874	12.48	1.94	-31.88	50.59	33.13	46.00	12.87	Pass	H
7	59.9760	11.60	0.90	-32.04	49.08	29.54	40.00	10.46	Pass	V
8	72.0052	8.62	0.97	-32.05	52.27	29.81	40.00	10.19	Pass	V
9	132.0542	7.60	1.34	-32.01	53.27	30.20	43.50	13.30	Pass	V
10	156.0156	7.76	1.46	-31.99	51.48	28.71	43.50	14.79	Pass	V
11	649.9890	19.40	3.10	-32.07	44.27	34.70	46.00	11.30	Pass	V
12	960.0320	22.46	3.71	-31.09	38.83	33.91	54.00	20.09	Pass	V

Mode:		TX				Channel:		2477		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity
1	59.9760	11.60	0.90	-32.04	47.53	27.99	40.00	12.01	Pass	H
2	72.0052	8.62	0.97	-32.05	51.49	29.03	40.00	10.97	Pass	H
3	107.9958	10.92	1.23	-32.07	51.45	31.53	43.50	11.97	Pass	H
4	132.0542	7.60	1.34	-32.01	61.52	38.45	43.50	5.05	Pass	H
5	156.0156	7.76	1.46	-31.99	59.92	37.15	43.50	6.35	Pass	H
6	649.9890	19.40	3.10	-32.07	43.31	33.74	46.00	12.26	Pass	H
7	59.9760	11.60	0.90	-32.04	49.43	29.89	40.00	10.11	Pass	V
8	72.0052	8.62	0.97	-32.05	53.78	31.32	40.00	8.68	Pass	V
9	107.9958	10.92	1.23	-32.07	49.21	29.29	43.50	14.21	Pass	V
10	132.0542	7.60	1.34	-32.01	54.22	31.15	43.50	12.35	Pass	V
11	600.0290	19.00	2.96	-31.99	43.99	33.96	46.00	12.04	Pass	V
12	649.9890	19.40	3.10	-32.07	43.80	34.23	46.00	11.77	Pass	V

Transmitter Emission above 1GHz

Mode:			TX				Channel:		2410		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1418.2418	28.32	2.92	-42.68	51.61	40.17	74.00	33.83	Pass	H	PK
2	2995.7996	33.19	4.54	-42.12	50.77	46.38	74.00	27.62	Pass	H	PK
3	4818.1212	34.50	4.59	-40.65	51.02	49.46	74.00	24.54	Pass	H	PK
4	5524.1683	35.04	5.16	-40.66	47.58	47.12	74.00	26.88	Pass	H	PK
5	7230.0000	36.33	5.80	-41.00	43.90	45.03	74.00	28.97	Pass	H	PK
6	9640.0000	37.66	6.70	-40.74	43.59	47.21	74.00	26.79	Pass	H	PK
7	1745.6746	30.02	3.23	-42.68	53.10	43.67	74.00	30.33	Pass	V	PK
8	3205.0137	33.28	4.63	-42.00	50.04	45.95	74.00	28.05	Pass	V	PK
9	4822.1215	34.50	4.60	-40.64	51.51	49.97	74.00	24.03	Pass	V	PK
10	6024.2016	35.80	5.28	-41.09	46.67	46.66	74.00	27.34	Pass	V	PK
11	7230.0000	36.33	5.80	-41.00	43.98	45.11	74.00	28.89	Pass	V	PK
12	9640.0000	37.66	6.70	-40.74	44.28	47.90	74.00	26.10	Pass	V	PK

Mode:			TX				Channel:		2441.5		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2060.7061	31.78	3.56	-42.57	52.17	44.94	74.00	29.06	Pass	H	PK
2	3159.0106	33.26	4.58	-42.02	50.59	46.41	74.00	27.59	Pass	H	PK
3	4881.1254	34.50	4.80	-40.59	49.25	47.96	74.00	26.04	Pass	H	PK
4	6737.2492	35.99	5.64	-41.18	47.01	47.46	74.00	26.54	Pass	H	PK
5	7324.5000	36.43	5.85	-40.92	45.49	46.85	74.00	27.15	Pass	H	PK
6	9766.0000	37.71	6.70	-40.62	44.06	47.85	74.00	26.15	Pass	H	PK
7	1750.6751	30.05	3.23	-42.68	52.84	43.44	74.00	30.56	Pass	V	PK
8	3076.0051	33.23	4.77	-42.07	49.75	45.68	74.00	28.32	Pass	V	PK
9	4885.1257	34.50	4.82	-40.59	53.96	52.69	74.00	21.31	Pass	V	PK
10	6681.2454	35.97	5.47	-41.18	46.87	47.13	74.00	26.87	Pass	V	PK
11	7324.5000	36.43	5.85	-40.92	45.37	46.73	74.00	27.27	Pass	V	PK
12	9766.0000	37.71	6.70	-40.62	42.94	46.73	74.00	27.27	Pass	V	PK

Mode:			TX				Channel:		2477		
NO	Freq. [MHz]	Ant Factor [dB]	Cable loss [dB]	Pream gain [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	1795.0795	30.35	3.31	-42.71	51.12	42.07	74.00	31.93	Pass	H	PK
2	3049.0033	33.22	4.83	-42.09	50.17	46.13	74.00	27.87	Pass	H	PK
3	4956.1304	34.50	4.82	-40.54	49.14	47.92	74.00	26.08	Pass	H	PK
4	6499.2333	35.90	5.47	-41.19	46.82	47.00	74.00	27.00	Pass	H	PK
5	7431.0000	36.53	5.85	-40.83	43.70	45.25	74.00	28.75	Pass	H	PK
6	9908.0000	37.76	6.77	-40.48	43.04	47.09	74.00	26.91	Pass	H	PK
7	1715.0715	29.82	3.21	-42.67	54.13	44.49	74.00	29.51	Pass	V	PK
8	2086.7087	31.82	3.57	-42.57	51.02	43.84	74.00	30.16	Pass	V	PK
9	3196.0131	33.28	4.64	-42.00	50.83	46.75	74.00	27.25	Pass	V	PK
10	4956.1304	34.50	4.82	-40.54	56.32	55.10	74.00	18.90	Pass	V	PK
11	7431.0000	36.53	5.85	-40.83	44.25	45.80	74.00	28.20	Pass	V	PK
12	9908.0000	37.76	6.77	-40.48	44.62	48.67	74.00	25.33	Pass	V	PK
13	4951.9885	34.50	4.82	-40.54	48.47	47.25	54.00	6.75	Pass	V	AV

Note:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

Final Test Level =Receiver Reading -Correct Factor

Correct Factor = Preamplifier Factor– Antenna Factor–Cable Factor

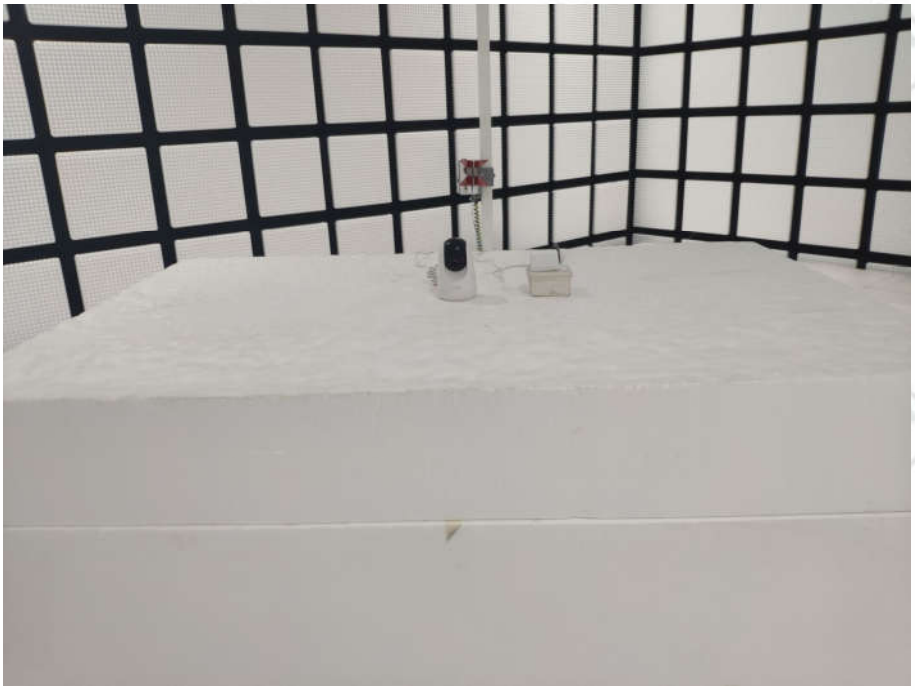
2) Scan from 9kHz to 25GHz, the disturbance above 13GHz and below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.

PHOTOGRAPHS OF TEST SETUP

Test model No.: VA-IH006BU

Radiated spurious emission Test Setup-1(Below 30MHz)

Radiated spurious emission Test Setup-2(Below 1GHz)



Radiated spurious emission Test Setup-3(Above 1GHz)

Conducted Emissions Test Setup

PHOTOGRAPHS OF EUT Constructional Details

Test model No.: VA-IH006BU

View of Product-1

View of Product-2

View of Product-3

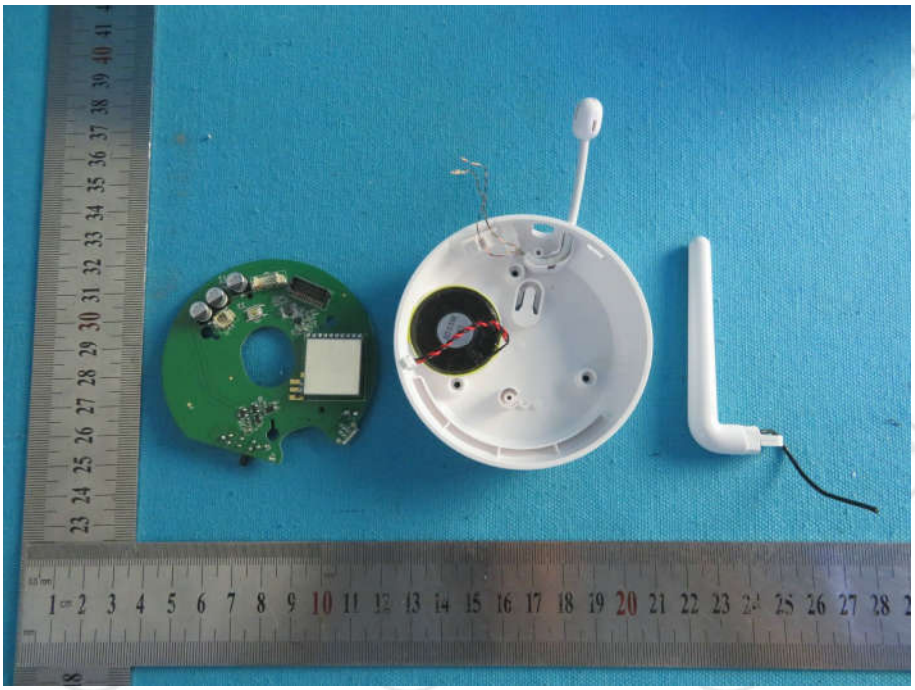
View of Product-4

View of Product-5

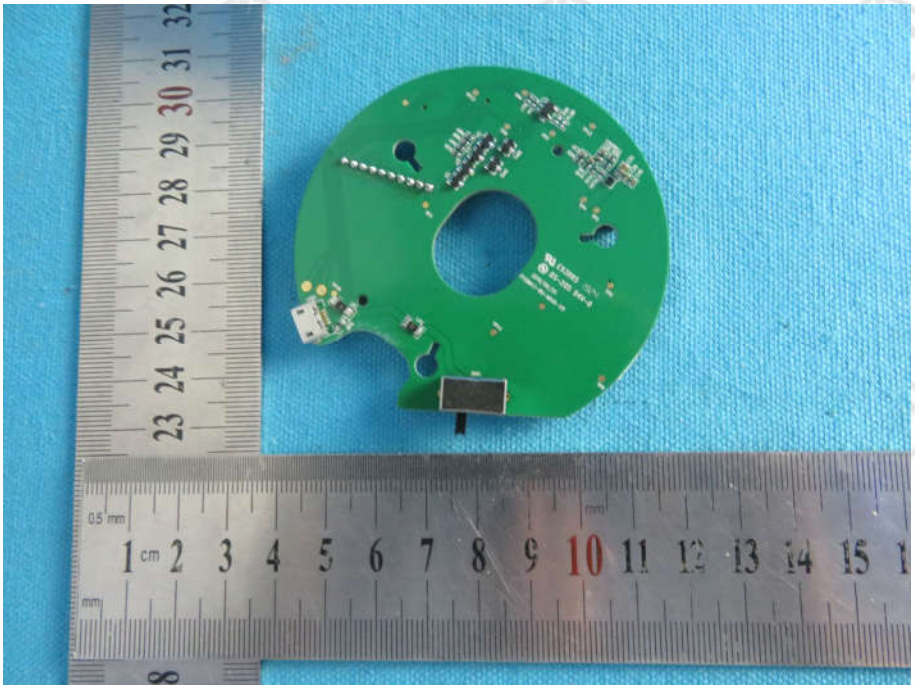
View of Product-6

View of Product-7

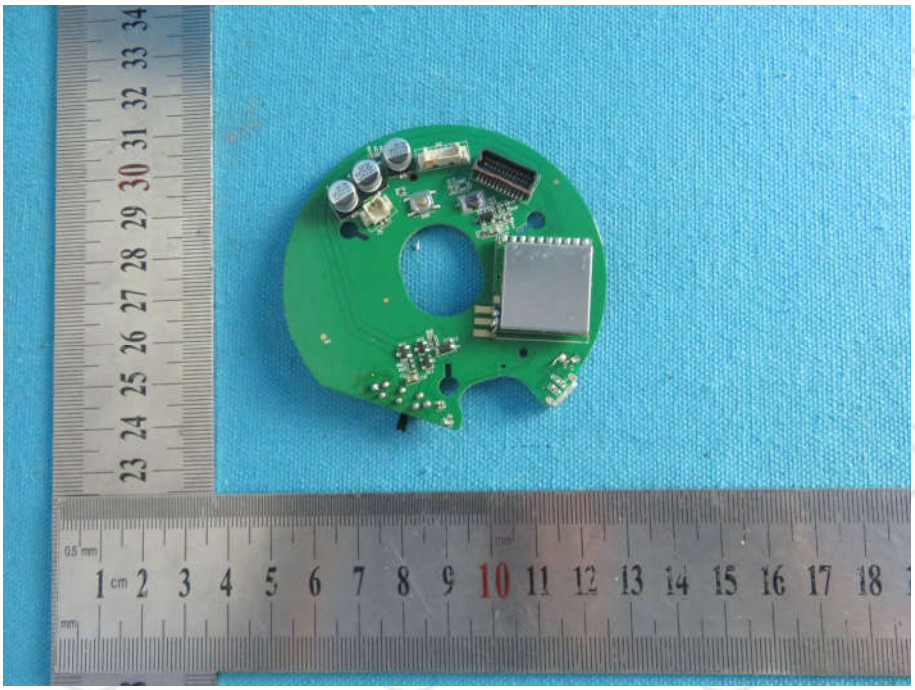
View of Product-8



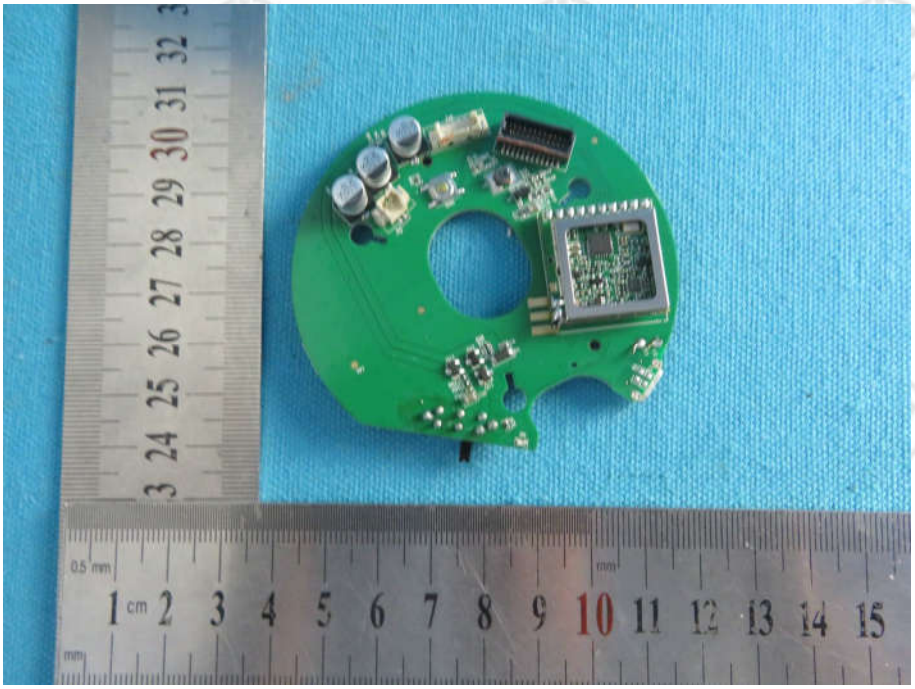
View of Product-9



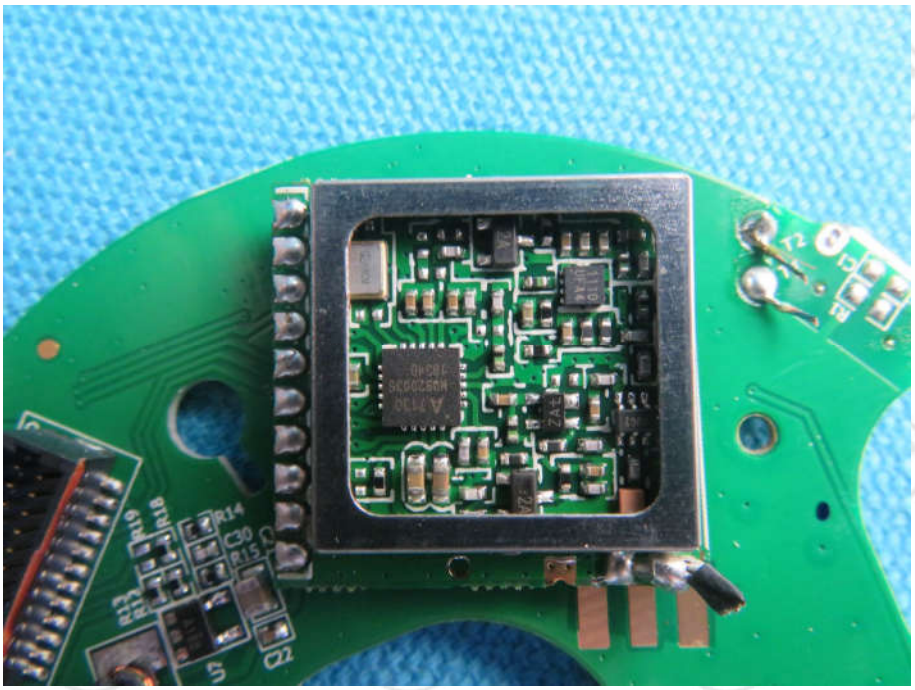
View of Product-10



View of Product-11



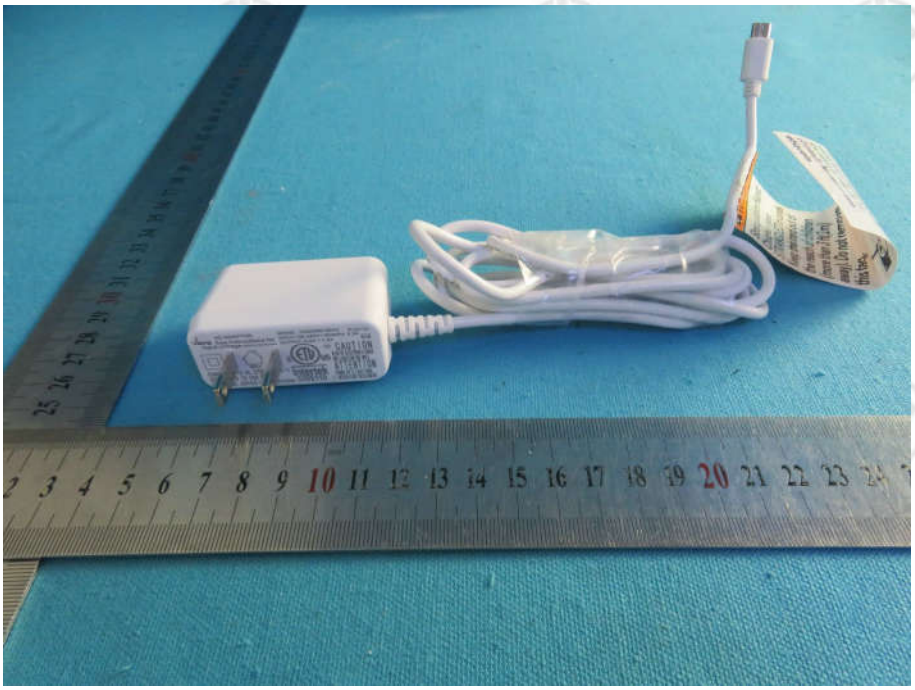
View of Product-12



View of Product-13

View of Product-14

View of Product-15



View of Product-16

*** End of Report ***