

# FCC TEST REPORT FCC ID: 2AWCO-EY06338

Product Name	:	Clever Cats			
Model Name	: EY06338				
Brand Name	:	TTS-Group			
Report No.	:	PTC20030405401E-FC01			
	Prepared for				
Wir	nnin	g Appliances Manufactory Ltd			
3A,Hop-Shi Factory Building,29-31 Lee Chung st,Chaiwan,Hong Kong					
Prepared by					
Precise Testing & Certification (Guangdong) Co., Ltd.					
Building 1, No.6 Tongxin Road, Dongcheng Street, Dongguan, China					



### **1TEST RESULT CERTIFICATION**

Applicant's name	:	Winning Appliances Manufactory Ltd
Address	:	3A,Hop-Shi Factory Building,29-31 Lee Chung st,Chaiwan,Hong Kong
Manufacture's name	:	Winning Appliances Manufactory Ltd
Address	:	3A,Hop-Shi Factory Building,29-31 Lee Chung st,Chaiwan,Hong Kong
Product name	:	Clever Cats
Model name	:	EY06338
Brand Name	:	TTS-Group
Standards	:	FCC CFR47 Part 15 Section 15.249
Test procedure	:	ANSI C63.10:2013
Test Date	:	Apr. 09, 2020 to Apr.29, 2020
Date of Issue	:	Apr.30, 2020
Test Result	:	Pass

This device described above has been tested by PTC, and the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report.

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**Testing Engineer** 

Auguse Qiu

August Qiu

Authorized Signatory

Chris Du



# Contents

### Page

1TEST RESULT CERTIFICATION	2
2 TEST SUMMARY	5
3 TEST FACILITY	6
4 GENERAL INFORMATION	7
4.1 GENERAL DESCRIPTION OF E.U.T.	7
4.2 Test Mode	8
5 EQUIPMENT DURING TEST	9
5.1 EQUIPMENTS LIST	9
5.2 MEASUREMENT UNCERTAINTY	10
5.3 DESCRIPTION OF SUPPORT UNITS	11
6 CONDUCTED EMISSION	12
6.1 E.U.T. OPERATION	12
6.2 EUT SETUP	12
6.3 TEST SET-UP (BLOCK DIAGRAM OF CONFIGURATION)	13
6.4 Measurement Procedure:	13
6.5 CONDUCTED EMISSION LIMIT	13
6.6 MEASUREMENT DESCRIPTION	13
6.7 CONDUCTED EMISSION TEST RESULT.	13
7 FIELD STRENGTH OF FUNDAMENTAL EMISSION AND RADIATED SPURIOUS EMISSIONS	16
7.1 EUT OPERATION	17
7.2 TEST SETUP	17
7.3 Spectrum Analyzer Setup	19
7.4 Test Procedure	20
7.5 SUMMARY OF TEST RESULTS	21
8 BAND EDGE EMISSION	25
8.1 TEST PROCEDURE	25
8.2 TEST SETUP	25
8.3 TEST RESULTS	



9 20 DB BANDWIDTH MEASUREMENT	29
9.1 Test Procedure	
9.2 TEST RESULT	
10 ANTENNA REQUIREMENT	
11 TEST PHOTOS	
12 EUT PHOTOS	34



# 2 Test Summary

Test Items	Test Requirement	Result
AC Power Conducted Emission	15.207	PASS
20dB Bandwidth	15.215(C)	PASS
Band edge	15.249(d)	PASS
Field Strength of Fundamental Emissions	15.249(a)	PASS
Radiated Spurious Emissions	15.205(a) 15.249(a) (d)	PASS
Antenna Requirement	15.203	PASS

Remark:

N/A: Not Applicable



# **3 TEST FACILITY**

Precise Testing & Certification (Guangdong) Co., Ltd. Building 1, No.6 Tongxin Road, Dongcheng Street, Dongguan,China FCC Registration Number: 371540 IC Registration Number: 12191A-1



# 4 General Information

### 4.1 General Description of E.U.T.

Product Name	:	Clever Cats
Model Name	:	EY06338
Operating frequency	:	2.402-2.480GHZ
Numbers of Channel	:	16
Antenna Type:	:	Wire Antenna
Antenna Gain:	:	0dBi
Type of Modulation	:	GFSK
Power supply	:	DC3.6V NI-MH Battery



### 4.2 Test Mode

Channel List:

	Channel List						
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Chann el	Frequency (MHz)		
01	2402	07	2436	13	2463		
02	2407	08	2440	14	2466		
03	2414	09	2441	15	2473		
04	2419	10	2445	16	2480		
05	2422	11	2453				
06	2426	12	2459				

The 3 channels of lower, middle and higher were chosen for test.

Channel	Frequency(MHz)
01	2402
08	2440
16	2480

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

For All Mode	Description	Modulation Type
Mode 1	CH01	
Mode 2	CH08	GFSK
Mode 3	CH16	



# **5** Equipment During Test

### 5.1 Equipments List

#### **RF** Conducted Test

Name of Equipment	Manufacturer	Model	Serial No.	Calibration Due
MXG Signal Analyzer	Agilent	N9020A	MY56070279	Sept. 28, 20
MIMO4TX-1	/	MIMO4TX	TW5451101	Sept. 28, 20
MXG Vector Signal Generator	Agilent	N5182A	MY50143410	Sept. 28, 20
MXG Analog Signal Generator	KEYSIGHT	N5181B	MY53050432	Sept. 28, 20

Remark: The temporary antenna connector is soldered on the PCB board in order to perform conducted tests and this temporary antenna connector is listed in the equipment list.

#### **Radiated Emissions**

Name of Equipment	Manufacturer	Model	Serial No.	Calibration Due
EMI Test Receiver	Rohde&Schwarz	ESCI	101417	Sept. 28, 20
Bilog Antenna	SCHWARZBECK	VULB9160	9160-3355	Sept. 28, 20
Preamplifier (low frequency)	SCHWARZBECK	BBV 9475	9745-0013	Sept. 28, 20
Spectrum Analyzer	Agilent	E4407B	MY45109572	Sept. 28, 20
Horn Antenna	SCHWARZBECK	9120D	9120D-1246	Sept. 28, 20
LOW NOISE AMPLIFIER	ZHINAN	ZN3380C	15002	Sept. 28, 20

#### Conducted Emissions

Name of Equipment	Manufacturer	Model	Serial No.	Calibration Due
EMI Test Receiver	Rohde&Schwarz	ESCI	101417	Sept. 28, 20
Artificial Mains Network	Rohde&Schwarz	L2-16B	000WX31025	Sept. 28, 20
Artificial Mains Network	Rohde&Schwarz	ENV216	101342	Sept. 28, 20



# 5.2 Measurement Uncertainty

Parameter	Uncertainty			
RF output power, conducted	±1.0dB			
Power Spectral Density, conducted	±2.2dB			
Radio Frequency	± 1 x 10 <sup>-6</sup>			
Bandwidth	± 1.5 x 10 <sup>-6</sup>			
Time	±2%			
Duty Cycle	±2%			
Temperature	±1°C			
Humidity	±5%			
DC and low frequency voltages	±3%			
Conducted Emissions (150kHz~30MHz)	±3.64dB			
Radiated Emission(30MHz~1GHz)	±5.03dB			
Radiated Emission(1GHz~25GHz)	±4.74dB			
Remark: The coverage Factor (k=2), and measurement Uncertainty for a level of Confidence of 95%				



# 5.3 Description of Support Units

Equipment	Model No.	Series No.
Adapter	SK02T-0600100Z Input: AC 100-240V, 50/60Hz, 0.35A Output: DC 6V, 1A	180925010 00531



# 6 Conducted Emission

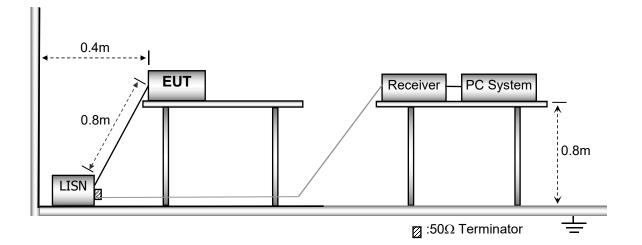
Test Requirement:	:	FCC CFR 47 Part 15 Section 15.207
Test Method:	:	ANSI C63.10:2013
Test Result:	:	PASS
Frequency Range:	:	150kHz to 30MHz
Class/Severity:	:	Class B
Detector:	:	Peak for pre-scan (9kHz Resolution Bandwidth)

### 6.1 E.U.T. Operation

Operating Environment :		
Temperature:	:	25.5 °C
Humidity:	:	51 % RH
Atmospheric Pressure:	:	101.2kPa
EUT Operation :	:	Refer to section 3.3
Test Voltage	:	AC 120V/60Hz

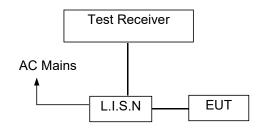
### 6.2 EUT Setup

The conducted emission tests were performed using the setup accordance with the ANSI C63.10: 2013





### 6.3 Test SET-UP (Block Diagram of Configuration)



#### 6.4 Measurement Procedure:

- 1. The EUT was placed on a table, which is 0.8m above ground plane.
- 2. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
- 3. Repeat above procedures until all frequency measured was complete.

#### 6.5 Conducted Emission Limit

#### **Conducted Emission**

Frequency(MHz)	Quasi-peak	Average
0.15-0.5	66-56	56-46
0.5-5.0	56	46
5.0-30.0	60	50

#### Note:

1. The lower limit shall apply at the transition frequencies

2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50 MHz.

#### 6.6 Measurement Description

The maximised peak emissions from the EUT was scanned and measured for both the Live and Neutral Lines. Quasi-peak & average measurements were performed if peak emissions were within 6dB of the average limit line.

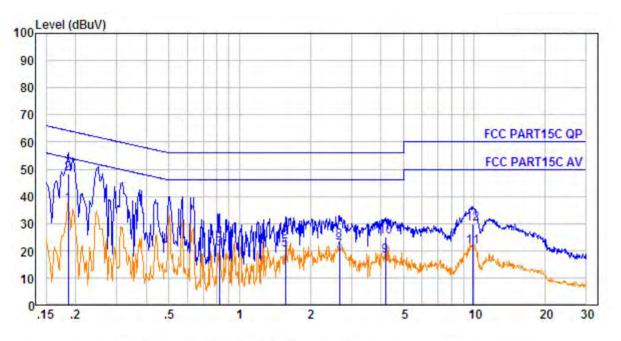
#### 6.7 Conducted Emission Test Result

Pass

Please find the following pages.



### Line -120V/60Hz:

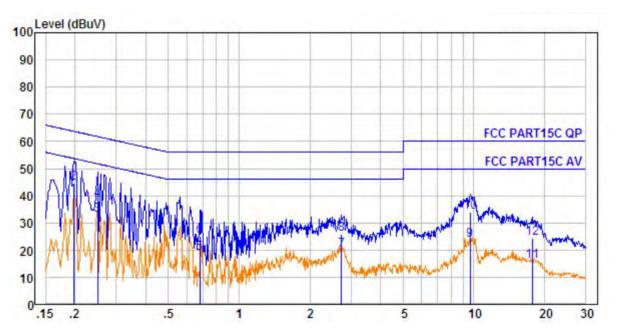


No.	Freq MHz	Cable Loss dB	AMN Factor dB	Receiver Reading dBµV	Emission Level dBµ∨	Limit dBµV	Over Limit dB	Remark
1.	0.186	0.26	9.59	27.19	37.04	54.20	-17.16	Average
2.	0.186	0.26	9.59	38.49	48.34	64.20	-15.86	QP
3.	0.822	0.45	9.61	10.57	20.63	46.00	-25.37	Average
4.	0.822	0.45	9.61	14.56	24.62	56.00	-31.38	QP
5.	1.568	0.47	9.61	10.27	20.35	46.00	-25.65	Average
6.	1.568	0.47	9.61	14.12	24.20	56.00	-31.80	QP
7.	2.664	0.47	9.62	9.93	20.02	46.00	-25.98	Average
8.	2.664	0.47	9.62	13.47	23.56	56.00	-32.44	OP
9.	4.180	0.48	9.65	7.90	18.03	46.00	-27.97	Average
10.	4.180	0.48	9.65	15.01	25.14	56.00	-30.86	OP
11.	9.861	0.56	9.77	10.99	21.32	50.00	-28.68	Average
12.	9.861	0.56	9.77	19.56	29.89	60.00	-30.11	QP



Report No.: PTC20030405401E-FC01

Neutral -120V/60Hz:



No.	Freq MHz	Cable Loss dB	AMN Factor dB	Receiver Reading dBµV	Emission Level dBµV	Limit dBµV	Over Limit dB	Remark
1.	0.198	0.28	9.61	29.91	39.80	53.71	-13.91	Average
2.	0.198	0.28	9.61	34.71	44.60	63.71	-19.11	QP
3.	0.249	0.33	9.61	22.77	32.71	51.78	-19.07	Average
4.	0.249	0.33	9.61	28.47	38.41	61.78	-23.37	QP
5.	0.679	0.44	9.64	8.72	18.80	46.00	-27.20	Average
б.	0.679	0.44	9.64	14.91	24.99	56,00	-31.01	QP
7.	2.736	0.47	9.65	9.82	19.94	46.00	-26.06	Average
8.	2.736	0.47	9.65	15.63	25.75	56.00	-30,25	QP
9.	9.654	0.56	9.80	13.12	23.48	50.00	-26.52	Average
10.	9.654	0.56	9.80	23.49	33.85	60.00	-26.15	QP
11.	17.755	0.46	9.87	5.68	16.01	50.00	-33.99	Average
12.	17.755	0.46	9.87	13.92	24.25	60.00	-35.75	QP



# 7 Field Strength of Fundamental Emission and Radiated Spurious Emissions

Test Requirement:	:	FCC CFR47 Part 15 Section 15.209 & 15.249
Test Method:	:	ANSI C63.10:2013
Test Result:	:	PASS
Measurement Distance:	:	3m
Limit:	:	See the follow table

	Field Strength		Field Strength Limit at 3m Measurement Dist	
Frequency (MHz)	uV/m	Distance (m)	uV/m	dBuV/m
0.009 ~ 0.490	2400/F(kHz)	300	10000 * 2400/F(kHz)	20log <sup>(2400/F(kHz))</sup> + 80
0.490 ~ 1.705	24000/F(kHz)	30	100 * 24000/F(kHz)	20log <sup>(24000/F(kHz))</sup> + 40
1.705 ~ 30	30	30	100 * 30	20log <sup>(30)</sup> + 40
30 ~ 88	100	3	100	20log <sup>(100)</sup>
88 ~ 216	150	3	150	20log <sup>(150)</sup>
216 ~ 960	200	3	200	20log <sup>(200)</sup>
Above 960	500	3	500	20log <sup>(500)</sup>

Note: 1. Emission level in dBuV/m=20 log (uV/m)

2. Measurement was performed at an antenna to the closed point of EUT distance of meters.

The field strength of emission from intentional radiators operated within these frequency bands shall comply with the following:

Frequency(MHz)	Filed S Fundame	trength of ental(at 3m)	Filed Strength of Harmonics(at 3m)		
· · · · -	PEAK	AVERAGE	PEAK	AVERAGE	
902-928	114	94	74.0	54.0	
2400-2483.5	114	94	74.0	54.0	
5725-5875	114	94	74.0	54.0	
24000-24250	128	108	88.0	68.0	



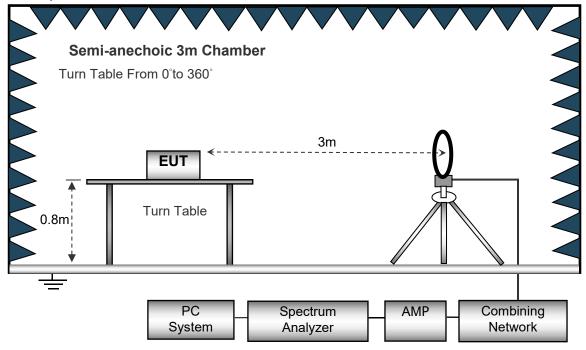
# 7.1 EUT Operation

Operating Environment :		
Temperature:	:	23.5 °C
Humidity:	:	51.1 % RH
Atmospheric Pressure:	:	101.2kPa
EUT Operation :	:	Refer to section 3.3
Test Voltage	:	DC 3.6V

### 7.2 Test Setup

The radiated emission tests were performed in the 3m Semi- Anechoic Chamber test site

The test setup for emission measurement below 30MHz.

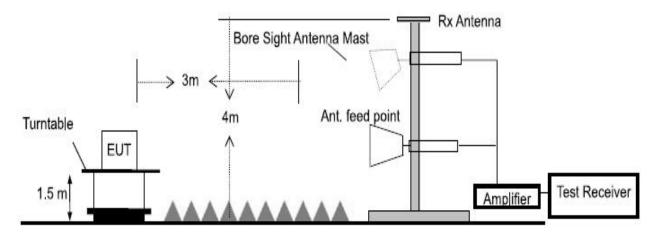




Semi-anechoic 3m Chamber Antenna Elevation Varies From 1 to 4 m Turn Table From 0° to 360° 3m |∢ EUT Turn Table 0.8m Ο Ο PC Combining Spectrum AMP System Analyzer Network

The test setup for emission measurement from 30 MHz to 1 GHz.

The test setup for emission measurement above 1 GHz.





# 7.3 Spectrum Analyzer Setup

Spectrum Parameter	Setting
Attenuation	Auto
Start Frequency	1000 MHz
Stop Frequency	10th carrier harmonic
RB / VB (emission in restricted band)	1 MHz / 1 MHz for Peak, 1 MHz / <i>10Hz</i> for Average

Receiver Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9kHz~150kHz / RB 200Hz for QP
Start ~ Stop Frequency	150kHz~30MHz / RB 9kHz for QP
Start ~ Stop Frequency	30MHz~1000MHz / RB 120kHz for QP



### 7.4 Test Procedure

- 1. The testing follows the guidelines in Spurious Radiated Emissions of ANSI C63.10-2013.
- 2. Below 1000MHz, The EUT was placed on a turn table which is 0.8m above ground plane. And above 1000MHz, The EUT was placed on a styrofoam table which is 1.5m above ground plane.
- 3. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
- 4. For each suspected emission, the EUT was arranged to its worst case and then tune the Antenna tower (From 1m to 4m) and turntable (from 0 degree to 360 degree) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level to comply with the guidelines.
- 5. Set to the maximum power setting and enable the EUT transmit continuously.
- 6. Final measurement (Above 1GHz): The frequency range will be divided into different sub ranges depending of the frequency range of the used horn antenna. The EMI Receiver set to peak and average mode and a resolution bandwidth of 1MHz. The measurement will be performed in horizontal and vertical polarization of the measuring antenna and while rotating the EUT in its vertical axis in the range of 0 degree to 360 degree in order to have the antenna inside the cone of radiation.
- 7. Test Procedure of measurement (For Above 1GHz):
- 1) Monitor the frequency range at horizontal polarization and move the antenna over all sides of the EUT(if necessary move the EUT to another orthogonal axis).
- 2) Change the antenna polarization and repeat 1) with vertical polarization.
- 3) Make a hardcopy of the spectrum.
- 4) Measure the frequency of the detected emissions with a lower span and resolution bandwidth to increase the accuracy and note the frequency value.
- 5) Change the analyser mode to Clear/ Write and found the cone of emission.
- 6) Rotate and move the EUT, so that the measuring distance can be enlarged to 3m and the antenna will be still inside the cone of emission.
- 7) Measure the level of the detected frequency with the correct resolution bandwidth, with the antenna polarization and azimuth and the peak and average detector, which causes the maximum emission.
- 8) Repeat steps 1) to 7) for the next antenna spot if the EUT is larger than the antenna beamwidth.

7. The radiation measurements are tested under 3-axes(X,Y,Z) position(X denotes lying on the table, Y denotes side stand and Z denotes vertical stand), After pre-test, It was found that the worse radiation emission was get at the X position. So the data shown was the X position only.



# 7.5 Summary of Test Results

### Test Frequency: Below 30MHz

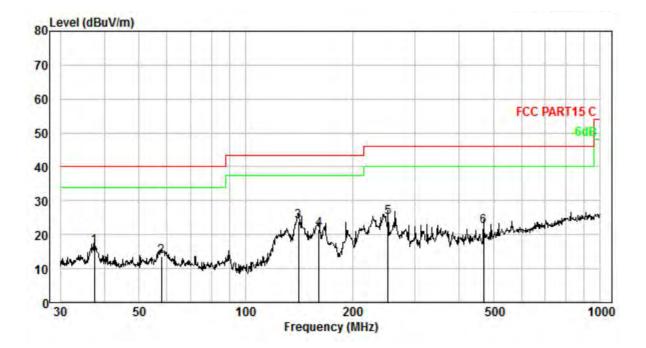
The measurements were more than 20 dB below the limit and not reported.

The low frequency, which started from 9KHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line per 15.31(o) was not reported.

#### Test Frequency: 30MHz ~ 1GHz

Remark: worst case is link model, only the worst data were reported.



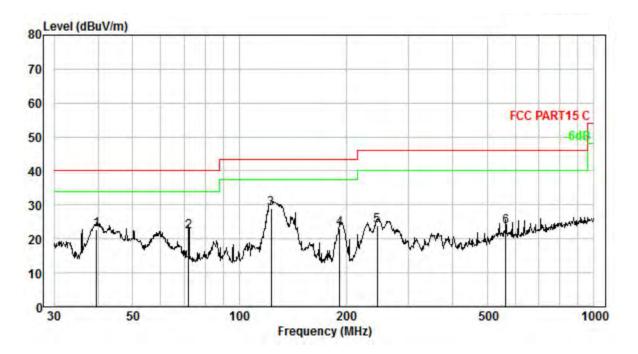


### Test plot for Horizontal: Link

No.	Freq MHz	Cable Loss dB	ANT Factor dB/m	Receiver Reading dBuV	Preamp Factor dB	Emission Level dBuV/m	Limit dBuV/m	O∨er Limit dB	Remark
1.	37.416	1.58	12.15	32.80	29.90	16.63	40.00	-23.37	QP
2.	57.796	2.33	11.87	29.30	29.93	13.57	40.00	-26.43	QP
3.	140.835	3.86	13.34	36.79	30.01	23.98	43.50	-19.52	QP
4.	160.909	4.09	14.02	33.47	30.02	21.56	43.50	-21.94	QP
5.	252.063	4.86	12.53	37.84	30.20	25.03	46.00	-20.97	QP
6.	468.876	5.93	16.37	31.00	30.84	22.46	46.00	-23.54	QP



Test plot for Vertical: link



No.	Freq MHz	Cable Loss dB	ANT Factor dB/m	Receiver Reading dBuV	Preamp Factor dB	Emission Level dBuV/m	Limit dBuV/m	O∨er Limit dB	Remark
1.	39.576	1.68	12.11	38.96	29.91	22.84	40.00	-17.16	QP
2.	71.832	2.70	9.84	39.52	29.96	22.10	40.00	-17.90	QP
3.	122.834	3.63	12.20	43.18	30.00	29.01	43.50	-14.49	QP
4.	191.745	4.39	11.60	37.05	30.04	23.00	43.50	-20.50	QP
5.	245.090	4.81	12.37	36.91	30.18	23.91	46.00	-22.09	QP
6.	564.639	6.25	18.56	29.88	30.97	23.72	46.00	-22.28	QP



### Above 1000MHz-10<sup>th</sup> Harmonics:

	Freq.	Receiver Reading	Detector	Polar	Corrected Factor	Emission Level	Limit	Margin	Result
	(MHz)	(dBµV)	(PK/QP/Ave)	(H/V)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	
	2402	86.25	PK	Н	13.85	100.10	114	-13.90	Pass
	2402	67.96	Ave	Н	13.85	81.81	94	-12.19	Pass
Lower	4804	47.32	РК	Н	19.33	66.65	74	-7.35	Pass
Channel	4804	24.27	Ave	Н	19.33	43.60	54	-10.40	Pass
2402MHz	2402	85.37	РК	V	13.85	99.22	114	-14.78	Pass
	2402	67.42	Ave	V	13.85	81.27	94	-12.73	Pass
	4804	46.66	РК	V	19.33	65.99	74	-8.01	Pass
	4804	25.51	Ave	V	19.33	44.84	54	-9.16	Pass
	2440	85.28	PK	Н	13.94	99.22	114	-14.78	Pass
	2440	67.13	Ave	Н	13.94	81.07	94	-12.93	Pass
	4880	45.74	РК	Н	19.43	65.17	74	-8.83	Pass
	4880	27.55	Ave	Н	19.43	46.98	54	-7.02	Pass
Middle	2440	86.02	PK	V	13.94	99.96	114	-14.04	Pass
Channel	2440	68.35	Ave	V	13.94	82.29	94	-11.71	Pass
2440MHz	4880	46.06	РК	V	19.43	65.49	74	-8.51	Pass
	4880	26.34	Ave	V	19.43	45.77	54	-8.23	Pass
	2480	85.73	PK	Н	14.02	99.75	114	-14.25	Pass
	2480	67.37	Ave	н	14.02	81.39	94	-12.61	Pass
	4960	43.23	РК	Н	19.51	62.74	74	-11.26	Pass
	4960	25.76	Ave	Н	19.51	45.27	54	-8.73	Pass
	2480	84.89	РК	V	14.02	98.91	114	-15.09	Pass
Upper Channel	2480	68.33	Ave	V	14.02	82.35	94	-11.65	Pass
2480MHz	4960	42.52	РК	V	19.51	62.03	74	-11.97	Pass
	4960	25.26	Ave	V	19.51	44.77	54	-9.23	Pass

Remark:

Factor = Antenna Factor + Cable Loss – Pre-amplifier.

Emission Level = Meter Reading + Factor

Margin = Emission Level - Limit

Other harmonics emissions are lower than 20dB below the allowable limit.



# 8 BAND EDGE EMISSION

### 8.1 TEST PROCEDURE

The EUT was placed on a styrofoam table which is 1.5m above ground plane.

The measurement procedure at the ban edges was simplified by performing the measurement in just one plot. Both, the in-band-emission and the unwanted emission were be encompassed by the span. After trace stabilization, the maximum peak was be determined by a peak detector and the value was marked by an appropriate limit line. The second limit line, which is 20dB below the first, marks the limit for the emissions in the unrestricted band. A maximum-peak-detector marks the highest emission in the unrestricted band next to the band edge.

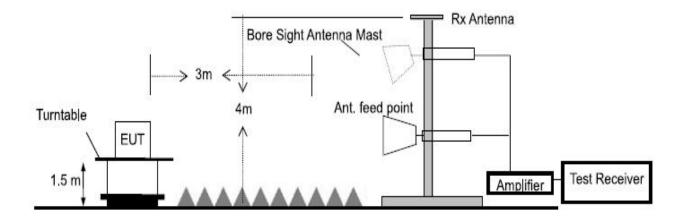
The measurements were performed at the lower end of the 2.4GHz band.

Use the following spectrum analyzer settings:

When spectrum scanned above 1GHz setting resolution bandwidth 1MHz, video bandwidth 3MHz:

EMI Test Receiver	Setting
Attenuation	Auto
RBW	100KHz
VBW	300KHz
Detector	Peak
Trace	Max hold

### 8.2 TEST SETUP

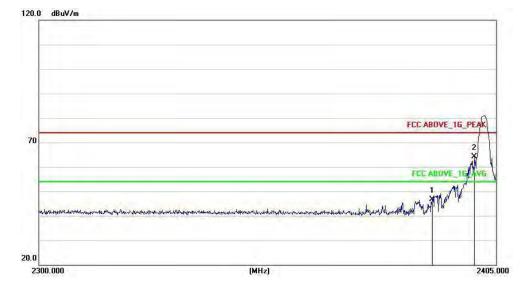




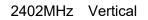
### 8.3 TEST RESULTS

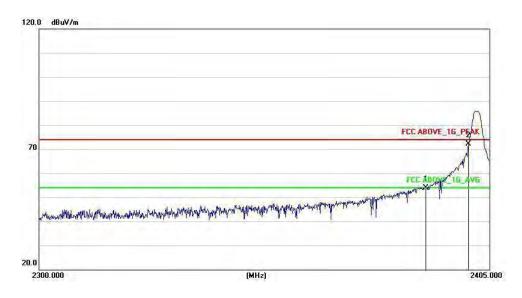
	Frequency (MHz)	Antenna polarization (H/V)	Frequency (MHz)	Meter Reading (dBµV)	Factor (dB)	Emission (dBuV/m) PK	Emission (dBuV/m) AV		lge Limit V/m) AV	Resul t Pass
	<2400	Н	2390.00	58.51	-4.71	53.80	38.78	74.00	54.00	Pass
	<2400	V	2390.00	51.22	-4.71	46.51	31.53	74.00	54.00	Pass
	<2400	Н	2400.00	76.80	-4.77	72.03	57.02	74.00	54.00	Pass
GFSK	<2400	V	2400.00	68.89	-4.77	64.12	49.15	74.00	54.00	Pass
	>2483.5	Н	2483.50	64.30	-5.08	59.22	44.19	74.00	54.00	Pass
	>2483.5	V	2483.50	61.02	-5.08	55.94	40.98	74.00	54.00	Pass
	>2483.5	Н	2485.50	60.03	-5.08	54.95	39.97	74.00	54.00	Pass
	>2483.5	V	2485.50	57.01	-5.08	51.93	36.91	74.00	54.00	Pass



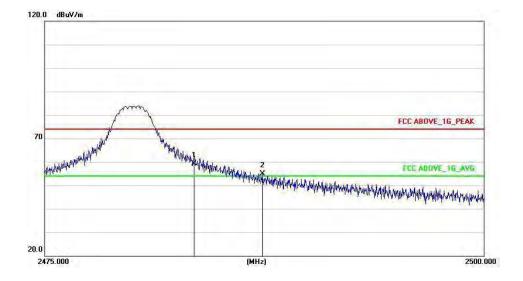


2402MHz Horizontal

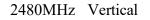


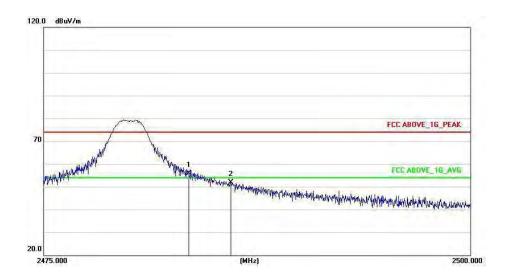






#### 2480MHz Horizontal







### 9 20 dB Bandwidth Measurement

Test Requirement	:	FCC Part 15C Section 15.249
Test Method	:	ANSI C63.10:2013
Test Mode	:	Refer to section 3.3

### 9.1 Test Procedure

1. Remove the antenna from the EUT and then connect a low RF cable from the antenna port to the spectrum;

2. Set the spectrum analyzer: RBW = 100kHz, VBW = 300kHz

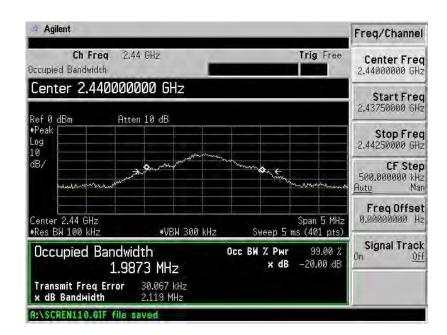
### 9.2 Test Result

Test Mode: CH1 / CH8 / CH16 (GFSK)

Channel number	Channel frequency (MHz) 20dB BW(		Result
01	2402	2114	PASS
08	2440	2119	PASS
16	2480	2250	PASS

Agilent	File
Ch Freq 2.402 GHz Trig Free ccupied Bandwidth	Catalog•
Center 2.402000000 GHz	Save,
Ref 0 dBm Atten 10 dB Peak	Load•
0 B/ www.www.www.www.www.www.www.www.www.ww	Deleter
Center 2.402 GHz Span 5 MHz Res BW 100 kHz #VBW 300 kHz Sweep 5 ms (401 pts)	Сорун
Occupied Bandwidth Осс ВИ % Рыг 99.00 % 1.9369 MHz × dB –20.00 dB	Rename+
Transmit Freq Error 19.951 kHz x dB Bandwidth 2.114 MHz	More 1 of 2





Ag	ilent								Freq/Channel
)ccupie	<b>Ch Fre</b> ed Bandwid		18 GHz	1			Trig	Free	Center Freq 2.48000000 GHz
	ter 2.48			Z					Start Freq 2.47750000 GHz
Ref Ø #Peak Log		Htte	en 10 dB						Stop Freq 2.48250000 GHz
10 dB/			n <b>a</b> nn	- Marina	- Marina	Print the	Marida		CF Step 500.000000 kHz Auto Man
	2.48 GHz							5 MHz	Freq Offset 0.00000000 Hz
Occ Tran	3W 100 kHz upied E smit Freq Bandwidt	Bandwi 2.01 Error		Hz	Occ BW	weep 5 % Pwr x dB	99	_	Signal Track On <u>Off</u>



# 10 Antenna Requirement

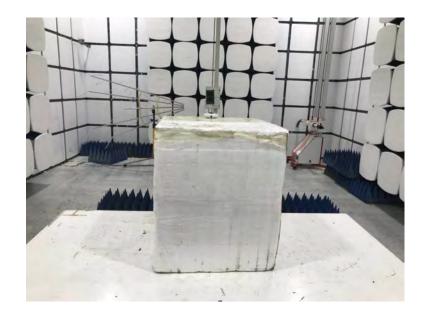
According to the FCC part15.203, a transmitter can only be sold or operated with antennas with which it was approved. This product has an internal Wire Antenna, it meet the requirement of this section.



# **11 TEST PHOTOS**









# **12 EUT PHOTOS**























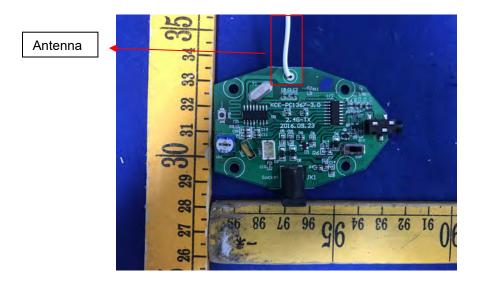




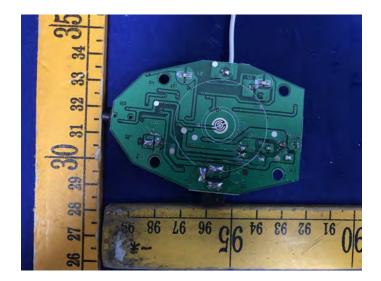












### \*\*\*\*\*\*THE END REPORT\*\*\*\*\*\*