



FCC TEST REPORT

FCC ID: 2AX9T-CD100

On Behalf of

Velocity Commerce

PORTABLE CD PLAYER

Model No.: CD100, PCD-101, PCD-102, PCD-103, PCD-104,
PCD-105, PCD-106, PCD-107, PCD-108, ZL1908, MD-102,
CD-5280, CD-5281

Prepared for : Velocity Commerce
Address : 49 Viking Way, Bar Hill, Cambridge, CB23 8EL

Prepared By : Shenzhen Alpha Product Testing Co., Ltd.
Address : Building i, No.2, Lixin Road, Fuyong Street, Bao'an District, 518103,
Shenzhen, Guangdong, China

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TEST REPORT DECLARATION

Applicant : Velocity Commerce
Address : 49 Viking Way, Bar Hill, Cambridge, CB23 8EL
Manufacturer : Shenzhen Canjing Electronics co.,Ltd
Address : Block 2, Zhipeng Ind Park, Heping Vllage, Fuyong Town, Baoan District, ShenZhen 518103 China.
EUT Description : PORTABLE CD PLAYER
(A) Model No. : CD100, PCD-101, PCD-102, PCD-103, PCD-104, PCD-105, PCD-106, PCD-107, PCD-108, ZL1908, MD-102, CD-5280, CD-5281
(B) Trademark :  **OAKCASTLE**
OAKCASTLE

Measurement Standard Used:

FCC Rules and Regulations Part 15 Subpart C Section 15.247

ANSI C63.10-2013

The device described above is tested by Shenzhen Alpha Product Testing Co., Ltd. to determine the maximum emission levels emanating from the device. The maximum emission levels are compared to the FCC Part 15 Subpart C limits both conducted and radiated emissions. The test results are contained in this test report and Shenzhen Alpha Product Testing Co., Ltd. is assumed of full responsibility for the accuracy and completeness of these tests.

After the test, our opinion is that EUT compliance with the requirement of the above standards.

This report applies to above tested sample only. This report shall not be reproduced in parts without written approval of Shenzhen Alpha Product Testing Co., Ltd.

Tested by (name + signature).....:

Lucas Pang
Project Engineer



Approved by (name + signature).....:

Simple Guan
Project Manager



Date of issue.....

December 4, 2020

Revision History

Revision	Issue Date	Revisions	Revised By
V0	December 4, 2020	Initial released Issue	Lucas Pang

1. Summary Of Standards And Results

1.1. Description of Standards and Results

The EUT have been tested according to the applicable standards as referenced below:

Test Item	Test Requirement	Standards Paragraph	Result
Conducted Emission	FCC PART 15:2017	15.207	P
6dB Bandwidth	FCC PART 15:2017	15.247 (a)(2)	P
Output Power	FCC PART 15:2017	15.247 (b)(3)	P
Radiated Spurious Emission	FCC PART 15:2017	15.247 (c)	P
Conducted Spurious & Band Edge Emission	FCC PART 15:2017	15.247 (d)	P
Power Spectral Density	FCC PART 15:2017	15.247 (e)	P
Radiated Band Edge Emission	FCC PART 15:2017	15.205	P
Antenna Requirement	FCC PART 15:2017	15.203	P
Note:		1. P is an abbreviation for Pass. 2. F is an abbreviation for Fail. 3. N/A is an abbreviation for Not Applicable.	

2. General Information

2.1. Description of Device (EUT)

EUT Description	: PORTABLE CD PLAYER
Trademark	: N/A
Model No.	: CD100, PCD-101, PCD-102, PCD-103, PCD-104, PCD-105, PCD-106, PCD-107, PCD-108, ZL1908, MD-102, CD-5280, CD-5281
DIFF.	: There is no difference except the name of the model. All tests are made with the CD100 model
Test Voltage	: DC 5V by adapter or DC 3.7V by battery
BT	
Radio Technology	: Bluetooth(BLE)
Operation frequency	: 2402-2480MHz
Channel No.	: 40 Channels
Channel Separation	: 2MHz
Modulation	: GFSK
Modulation rate	: 1Mbps, 2Mbps
Antenna Type	: PCB Antenna, max gain 1dBi.
Software version	: V2.1
Hardware version	: V3.0
Connector cable loss	: 0.5dB (This value is supplied by applicant).

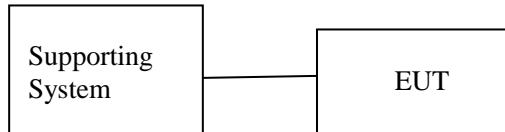
2.2. Accessories of Device (EUT)

Accessories1 : /
 Manufacturer : /
 Model : /
 Ratings : /

2.3. Tested Supporting System Details

No.	Description	Manufacturer	Model	Serial Number	Certification
1.	Notebook	N/A	N/A	N/A	N/A

2.4. Block Diagram of connection between EUT and simulators



2.5. Test Mode Description

Tested mode, channel, and data rate information		
Mode	Channel	Frequency (MHz)
GFSK	Low :CH1	2402
	Middle: CH20	2440
	High: CH40	2480
GFSK (2M)	Low :CH1	2402
	Middle: CH20	2440
	High: CH40	2480

2.6. Test Conditions

Items	Required	Actual
Temperature range:	15-35°C	24°C
Humidity range:	25-75%	56%
Pressure range:	86-106kPa	98kPa

2.7. Test Facility

Shenzhen Alpha Product Testing Co., Ltd
Building i, No.2, Lixin Road, Fuyong Street, Bao'an District, 518103,
Shenzhen, Guangdong, China

June 21, 2018 File on Federal Communication Commission
Registration Number: 293961

July 15, 2019 Certificated by IC
Registration Number: CN0085

2.8. Measurement Uncertainty

(95% confidence levels, k=2)

Item	Uncertainty
Uncertainty for Power point Conducted Emissions Test	2.74dB
Uncertainty for Radiation Emission test in 3m chamber (below 30MHz)	2.13 dB(Polarize: V) 2.57dB(Polarize: H)
Uncertainty for Radiation Emission test in 3m chamber (30MHz to 1GHz)	3.77dB(Polarize: V) 3.80dB(Polarize: H)
Uncertainty for Radiation Emission test in 3m chamber (1GHz to 25GHz)	4.13dB(Polarize: H) 4.16dB(Polarize: V)
Uncertainty for radio frequency	5.4×10^{-8}
Uncertainty for conducted RF Power	0.37dB
Uncertainty for temperature	0.2°C
Uncertainty for humidity	1%
Uncertainty for DC and low frequency voltages	0.06%

2.9. Test Equipment List

Equipment	Manufacture	Model No.	Serial No.	Last cal.	Cal Interval
9*6*6 anechoic chamber	CHENYU	9*6*6	N/A	2020.09.02	1 Year
Spectrum analyzer	ROHDE&SCHWARZ	FSU	1166.1660.26	2020.09.02	1 Year
Spectrum analyzer	Agilent	N9020A	MY499100060	2020.09.02	1 Year
Receiver	ROHDE&SCHWARZ	ESR	1316.3003K03-10208 2-Wa	2020.09.02	1 Year
Receiver	R&S	ESCI	101165	2020.09.02	1 Year
Bilog Antenna	Schwarzbeck	VULB 9168	VULB9168-438	2019.09.07	2 Year
Horn Antenna	SCHWARZBEC K	BBHA 9120 D	BBHA 9120 D(1201)	2020.04.12	2 Year
Loop Antenna	SCHWARZBEC K	FMZB 1519B	00059	2019.09.07	2 Year
Cable	Resenberger	N/A	No.1	2020.09.02	1 Year
Cable	SCHWARZBEC K	N/A	No.2	2020.09.02	1 Year
Cable	SCHWARZBEC K	N/A	No.3	2020.09.02	1 Year
Pre-amplifier	HP	HP8347A	2834A00455	2020.09.02	1 Year
Pre-amplifier	Agilent	8449B	3008A02664	2020.09.02	1 Year
Temperature controller	Terchy	MHQ	120	2020.09.02	1 Year
L.I.S.N.#1	Schwarzbeck	NSLK8126	8126-466	2020.09.02	1 Year
L.I.S.N.#2	ROHDE&SCHWARZ	ENV216	101043	2020.09.02	1 Year
20db Attenuator	ICPROBING	IATS1	82347	2020.09.02	1 Year

3. Spurious Emission

3.1. Test Limits

Frequencies (MHz)	Field Strength (micorvolts/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

Harmonic emissions limits comply with below 54 dBuV/m at 3m. Other emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or comply with the radiated emissions limits specified in section 15.209(a) limit in the table below has to be followed.

NOTE:

- a) The tighter limit applies at the band edges.
- b) Emission Level(dB uV/m)= $20\log$ Emission Level(uV/m)

3.2. Test Procedure

The measuring distance of 3m shall be used for measurements at frequency up to 1GHz and above 1GHz, The EUT was placed on a rotating 0.8 m high above ground for below 1GHz and 1.5m high for above1GHz testing, The table was rotated 360 degrees to determine the position of the highest radiation

The Test antenna shall vary between 1m and 4m, Both Horizontal and Vertical antenna are set of make measurement.

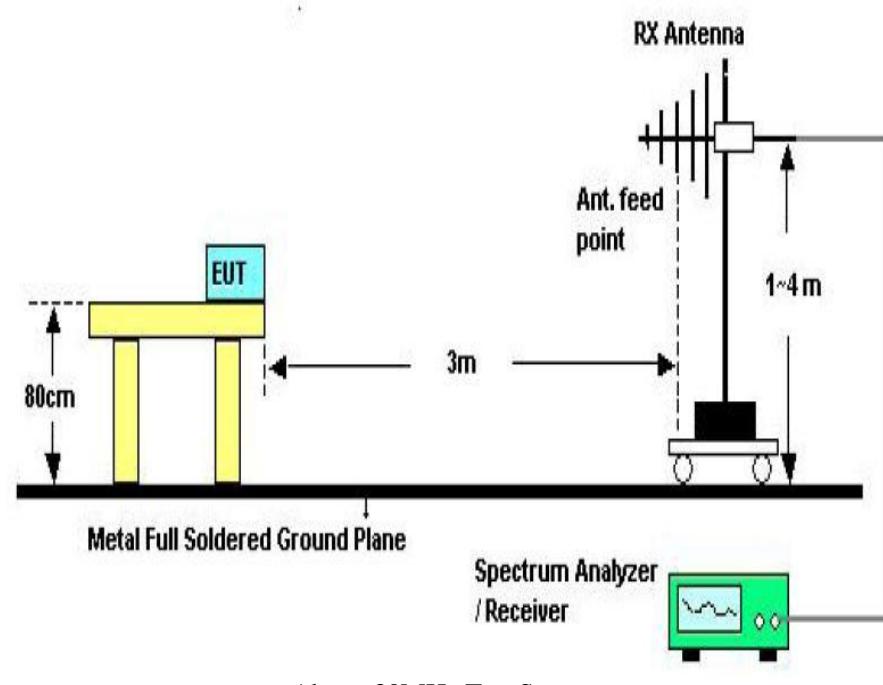
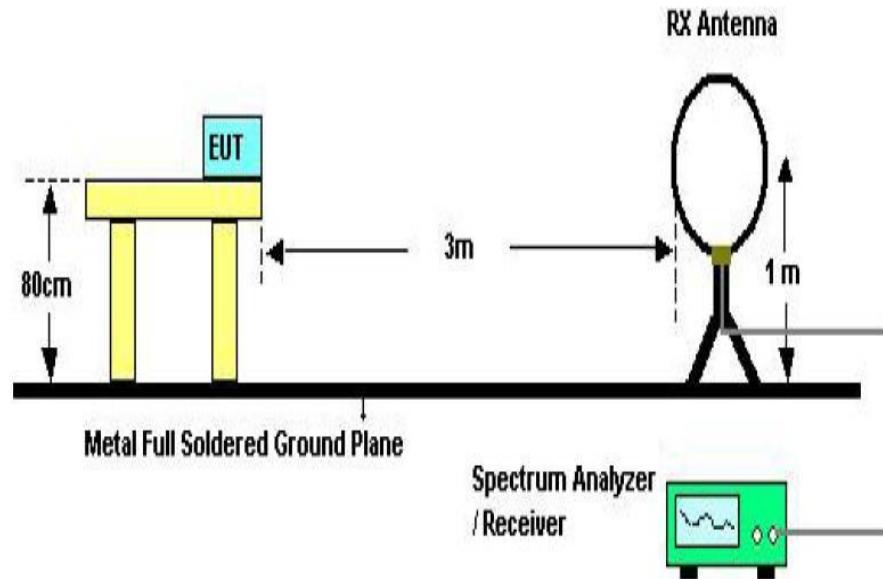
The initial step in collecting conducted emission data is a spectrum analyzer Peak detector mode pre-scanning the measurement frequency range. Significant Peaks are then marked. and then Qusia Peak Detector mode premeasured

If Peak value comply with QP limit Below 1GHz.The EUT deemed to comply with QP limit.

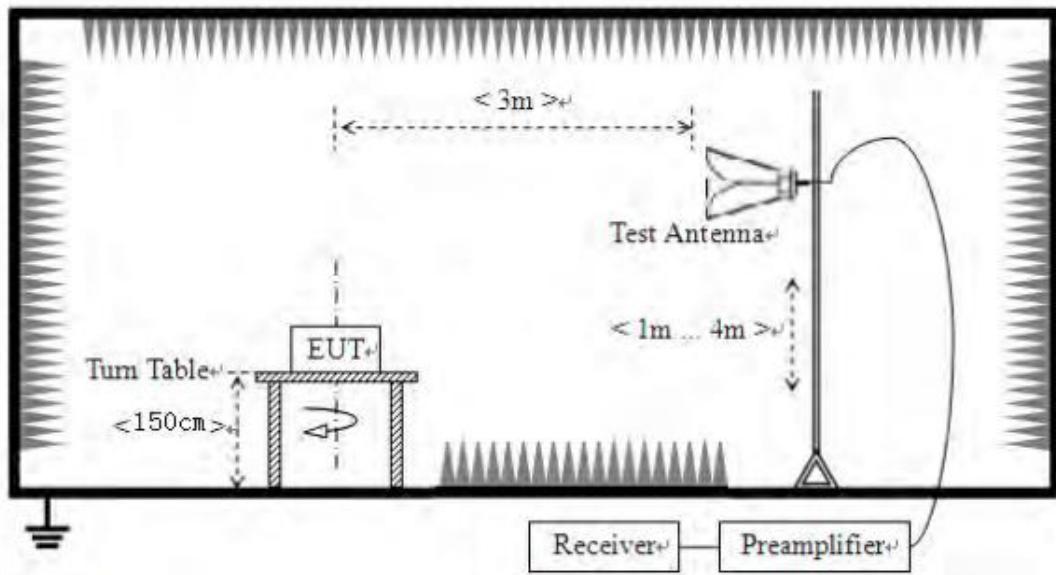
But the Peak value and average value both need to comply with applicable limit above 1GHz.

For the actual test configuration, please see the test setup photo.

3.3. Test Setup



Above 30MHz Test Setup



Above 1GHz Test Setup

3.4. Test Results

Test Condition

Continual Transmitting in maximum power.

9KHz~150KHz	RBW200Hz	VBW1KHz
150KHz~30MHz	RBW9KHz	VBW 30KHz
30MHz~1GHz	RBW120KHz	VBW 300KHz
Above1GHz	RBW1MHz	VBW 3MHz

We have scanned the 10th harmonic from 9 kHz to the EUT.

Detailed information please see the following page.

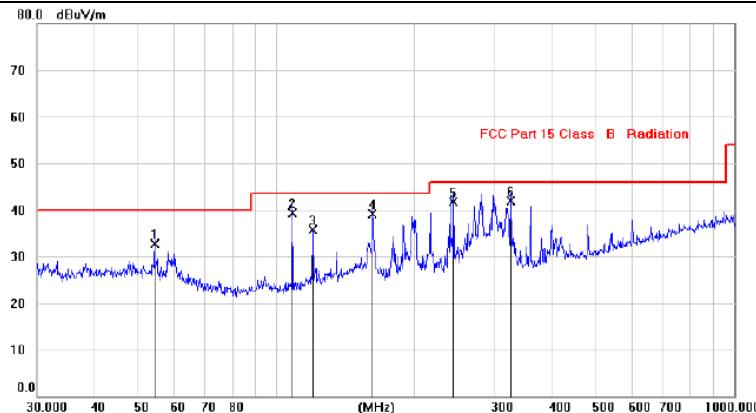
From 9KHz to 30MHz: Conclusion: PASS

Note: 1.The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

2.Only show the test data of the worst Channel in this report.

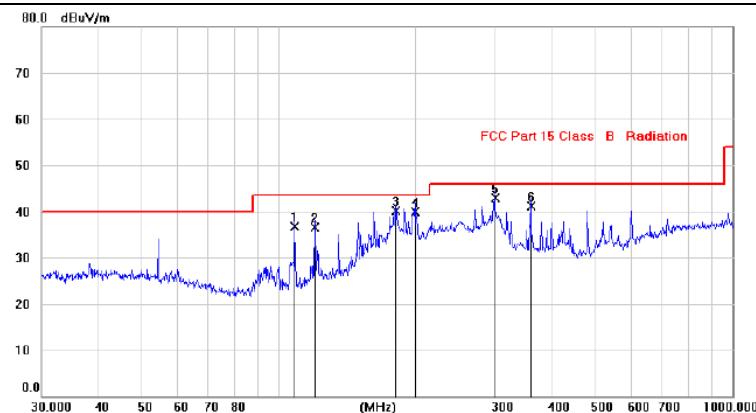
From 30MHz to 1000MHz: Conclusion: PASS

Pol	Vertical
-----	----------



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		54.1896	19.07	13.66	32.73	40.00	-7.27	QP		
2		108.4091	27.59	11.67	39.26	43.50	-4.24	QP		
3		119.9607	22.66	12.97	35.63	43.50	-7.87	peak		
4		162.6105	24.28	14.75	39.03	43.50	-4.47	QP		
5		243.9111	29.09	12.60	41.69	46.00	-4.31	QP		
6	*	325.1679	27.13	14.73	41.86	46.00	-4.14	QP		

Pol	Horizontal
-----	------------



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin	Antenna Height	Table Degree	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		108.4090	25.10	11.67	36.77	43.50	-6.73	QP		
2		119.9607	23.61	12.97	36.58	43.50	-6.92	QP		
3		181.8403	27.69	12.38	40.07	43.50	-3.43	QP		
4		199.8978	29.08	10.89	39.97	43.50	-3.53	QP		
5	*	299.8410	28.80	14.05	42.85	46.00	-3.15	QP		
6		359.8163	25.64	15.41	41.05	46.00	-4.95	QP		

*:Maximum data x:Over limit !:over margin

Note: Measurement=Reading Level+Correc Factor. Factor=(LISN or ISN or PLC or Current Probe)Factor+Cable

Remark: All modes have been tested, and only worst data of TX (2480MHz) was listed in this report.

From 1G-25GHz

Test Mode: TX Low									
Freq (MHz)	Read Level (dBuV/m)	Polar (H/V)	Antenna Factor (dB/m)	Cable loss(dB)	Amp Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
4804	47.75	V	33.95	10.18	34.26	57.62	74	16.38	47.75
4804	36.21	V	33.95	10.18	34.26	46.08	54	7.92	36.21
7206	/	/	/	/	/	/	/	/	/
9608	/	/	/	/	/	/	/	/	/
4804	45.50	H	33.95	10.18	34.26	55.37	74	18.63	45.50
4804	34.50	H	33.95	10.18	34.26	44.37	54	9.63	34.50
7206	/	/	/	/	/	/	/	/	/
9608	/	/	/	/	/	/	/	/	/
Test Mode: TX Mid									
4880	44.34	V	33.93	10.2	34.29	54.18	74	19.82	44.34
4880	36.68	V	33.93	10.2	34.29	46.52	54	7.48	36.68
7320	/	/	/	/	/	/	/	/	/
9760	/	/	/	/	/	/	/	/	/
4880	42.76	H	33.93	10.2	34.29	52.60	74	21.40	42.76
4880	32.94	H	33.93	10.2	34.29	42.78	54	11.22	32.94
7320	/	/	/	/	/	/	/	/	/
9760	/	/	/	/	/	/	/	/	/
Test Mode: TX High									
4960	43.92	V	33.98	10.22	34.25	53.87	74	20.13	43.92
4960	34.39	V	33.98	10.22	34.25	44.34	54	9.66	34.39
7440	/	/	/	/	/	/	/	/	/
9920	/	/	/	/	/	/	/	/	/
4960	44.74	H	33.98	10.22	34.25	54.69	74	19.31	44.74
4960	32.34	H	33.98	10.22	34.25	42.29	54	11.71	32.34
7440	/	/	/	/	/	/	/	/	/
9920	/	/	/	/	/	/	/	/	/

Note:

1, Result = Read level + Antenna factor + cable loss-Amp factor

2, All the other emissions not reported were too low to read and deemed to comply with FCC limit.

4. Power Line Conducted Emission

4.1. Test Limits

Frequency	Limits dB(μ V)	
MHz	Quasi-peak Level	Average Level
0.15 -0.50	66 -56*	56 - 46*
0.50 -5.00	56	46
5.00 -30.00	60	50

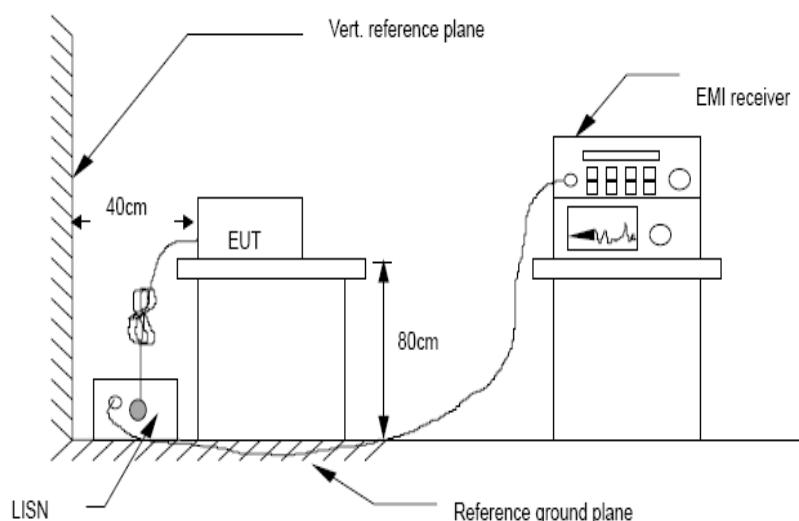
Notes: 1. *Decreasing linearly with logarithm of frequency.
 2. The lower limit shall apply at the transition frequencies.
 3. The limit decreases in line with the logarithm of the frequency in rang of 0.15 to 0.50 MHz.

4.2. Test Procedure

The EUT is put on the plane 0.8m high above the ground by insulating support and is connected to the power mains through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm coupling impedance for the EUT system. Please refer the block diagram of the test setup and photographs. Both sides of AC lines are checked to find out the maximum conducted emission. In order to find the maximum emission levels, the relative positions of equipment and all of the interface cables shall be changed according to ANSI ANSI C63.10:2013 on Conducted Emission Measurement.

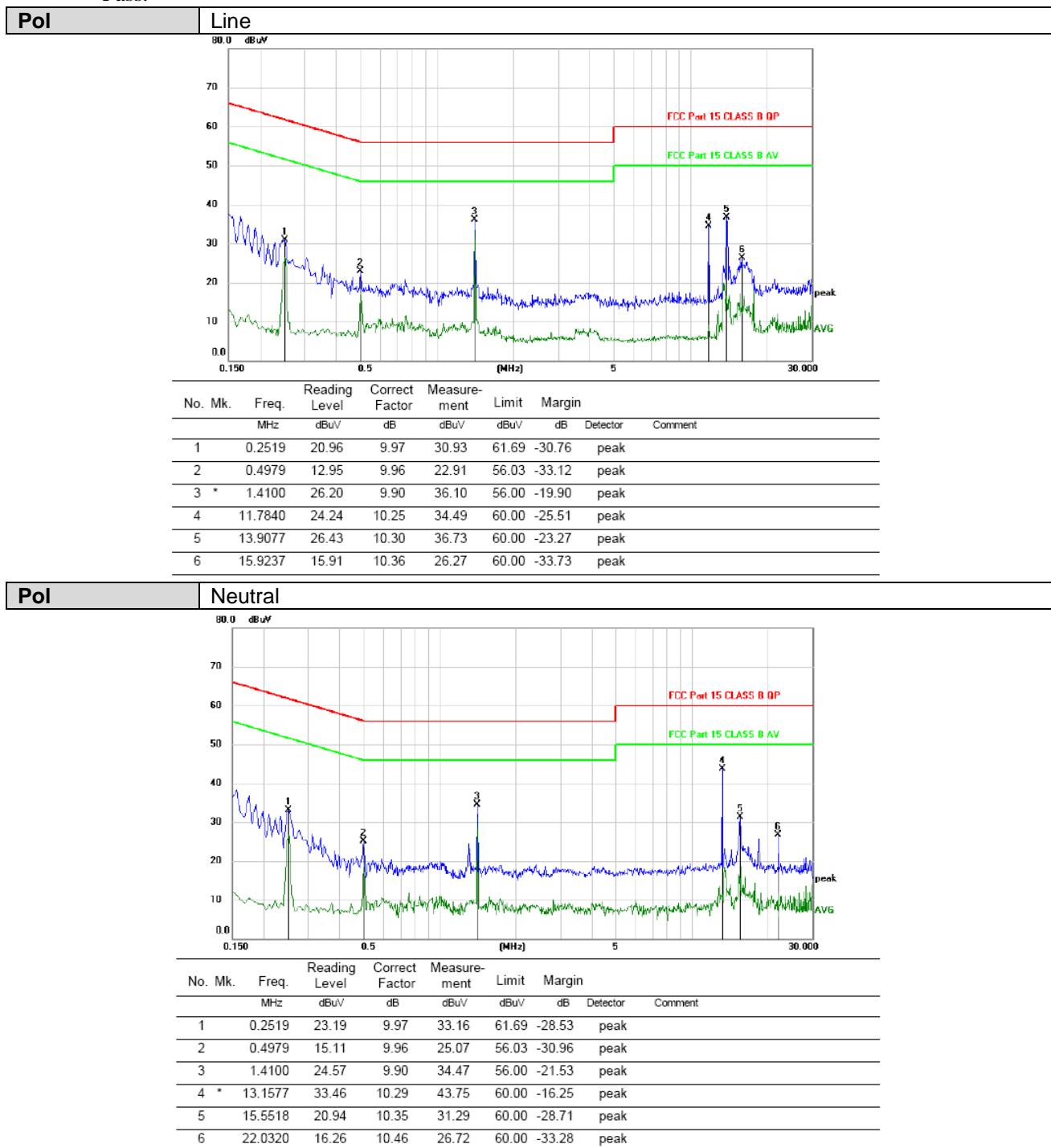
The bandwidth of test receiver is set at 9 kHz.

4.3. Test Setup



4.4. Test Results

Pass.



*:Maximum data x:Over limit !:over margin

Note: Measurement=Reading Level+Correc Factor. Factor=(LISN or ISN or PLC or Current Probe)Factor+Cable

Remark: All modes have been tested, and only worst data of TX (2480MHz) was listed in this report.

5. Conducted Maximum Output Power

5.1. Test limits

Please refer section RSS-247 & 15.247.

5.2. Test Procedure

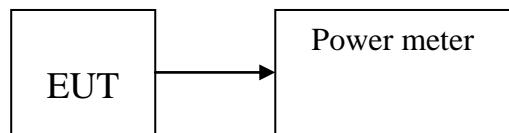
Details see the KDB558074 D01 Meas Guidance V05

5.2.1 Place the EUT on the table and set it in transmitting mode.

5.2.2 Measure out each mode and each bands peak output power of EUT.

Note: The cable loss and attenuator loss were offset into measure device as amplitude offset.

5.3. Test Setup



5.4. Test Results

GFSK(1M)

Channel	Frequency (MHz)	PK Output Power (dBm)	Limit (dBm)	Result
CH1	2402	-0.362	30	Pass
CH20	2440	0.928	30	Pass
CH40	2480	0.296	30	Pass

GFSK(2M)

Channel	Frequency (MHz)	PK Output Power (dBm)	Limit (dBm)	Result
CH1	2402	-0.224	30	Pass
CH20	2440	0.936	30	Pass
CH40	2480	0.281	30	Pass

6. Power Spectral Density

6.1. Test limits

6.1.1 Please refer section RSS-247 & 15.247.

6.1.2 For direct sequence systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8dBm in any 3kHz band during any time interval of continuous transmission.

6.1.3 The direct sequence operating of the hybrid system, with the frequency hopping operation turned off, shall comply with the power density requirements of paragraph (d) of this section.

6.2. Test Procedure

Details see the KDB558074 D01 Meas Guidance V05

6.2.1 Place the EUT on the table and set it in transmitting mode.

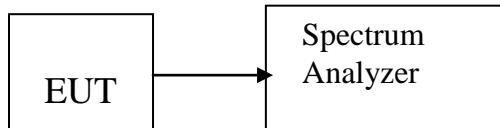
6.2.2 Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.

6.2.3 Detector = RMS. Set the spectrum analyzer as RBW = 3kHz(Set the RBW to: $3 \text{ kHz} \leq \text{RBW} \leq 100 \text{ kHz}$), VBW = 10kHz(Set the VBW $\geq 3 \times \text{RBW}$), span= $1.5 \times \text{DTS}$ bandwidth., detail see the test plot.

6.2.4 Record the max reading.

6.2.5 Repeat the above procedure until the measurements for all frequencies are completed.

6.3. Test Setup



6.4. Test Results

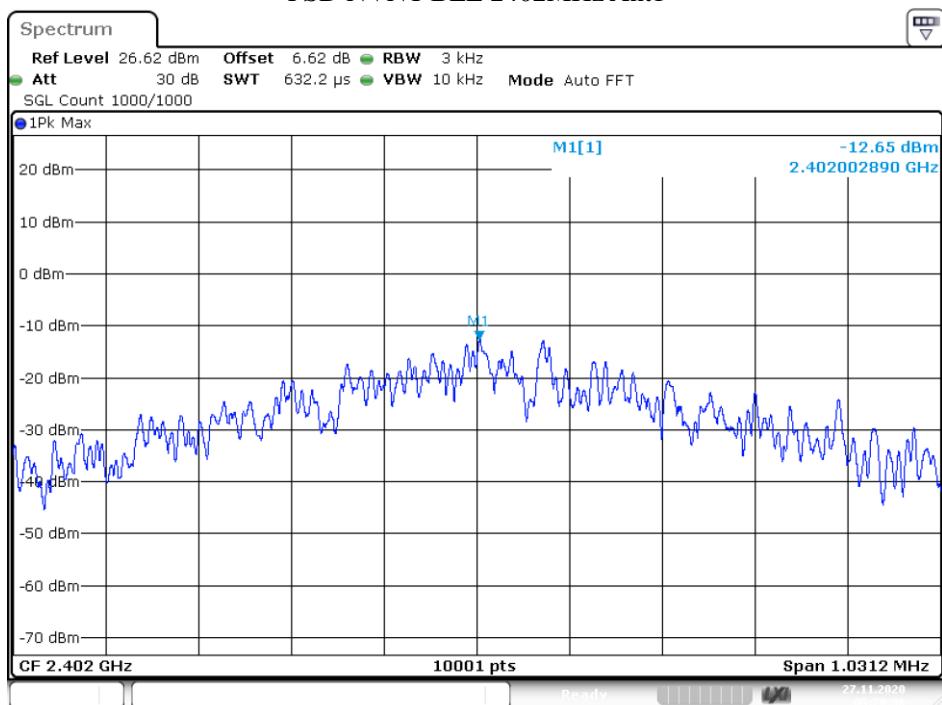
Pass

The test results are listed in next pages.

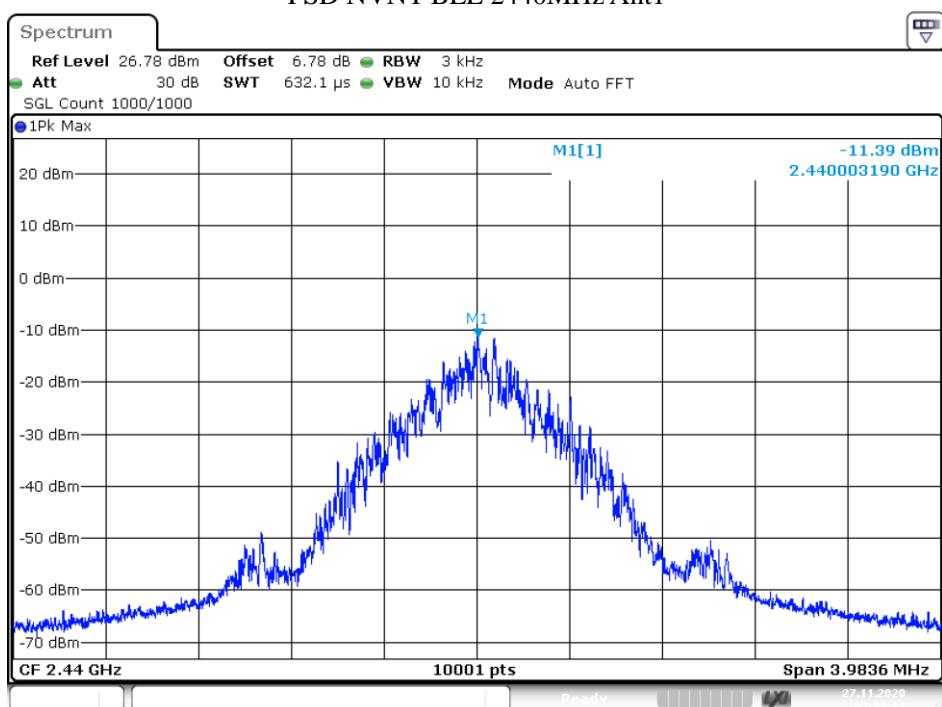
GFSK (1M)

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE	2402	Ant 1	-12.646	8	Pass
NVNT	BLE	2440	Ant 1	-11.387	8	Pass
NVNT	BLE	2480	Ant 1	-12.039	8	Pass

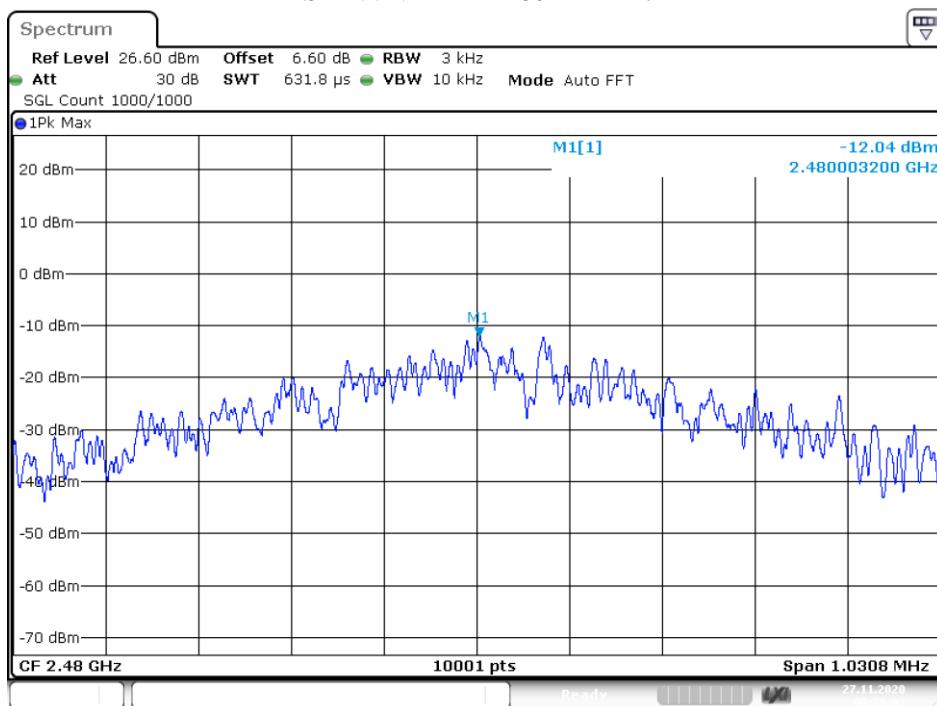
PSD NVNT BLE 2402MHz Ant1



PSD NVNT BLE 2440MHz Ant1



PSD NVNT BLE 2480MHz Ant1

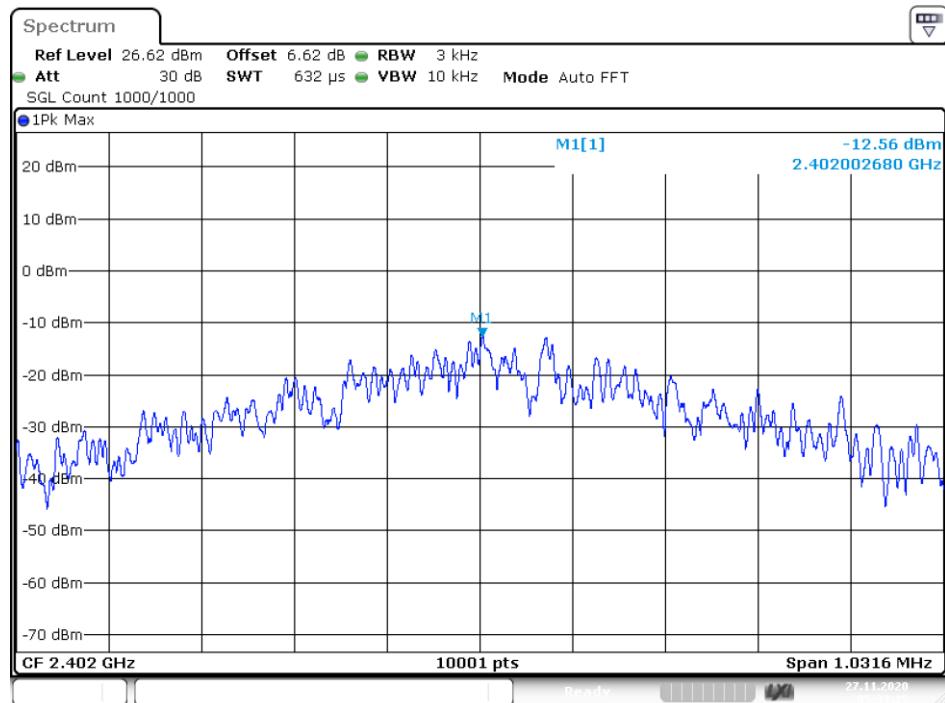


Date: 27.NOV.2020 05:29:03

GFSK (2M)

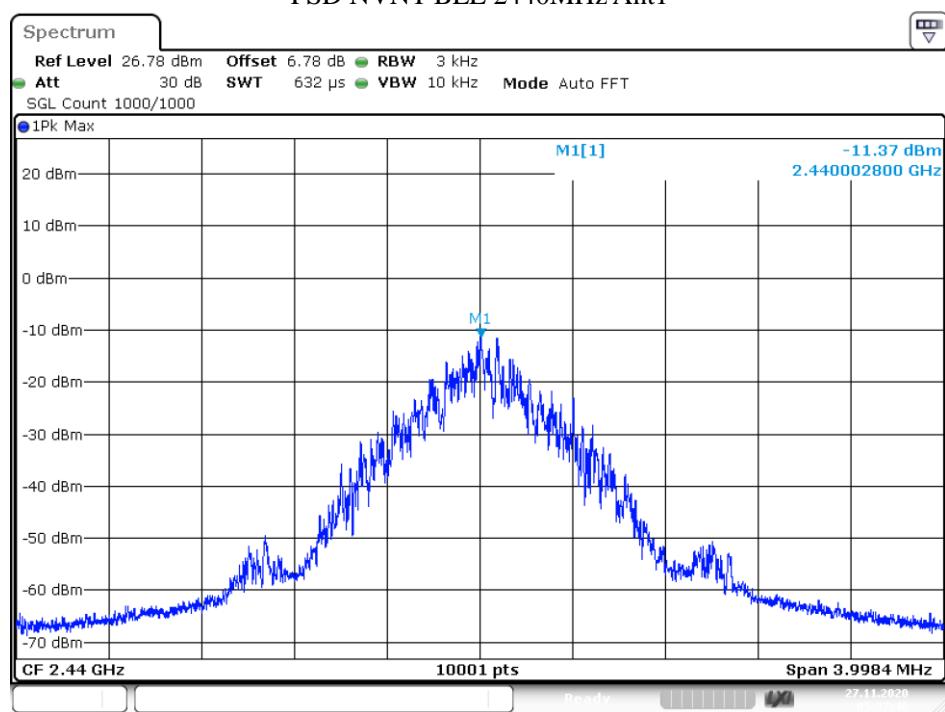
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	BLE	2402	Ant 1	-12.561	8	Pass
NVNT	BLE	2440	Ant 1	-11.37	8	Pass
NVNT	BLE	2480	Ant 1	-12.085	8	Pass

PSD NVNT BLE 2402MHz Ant1



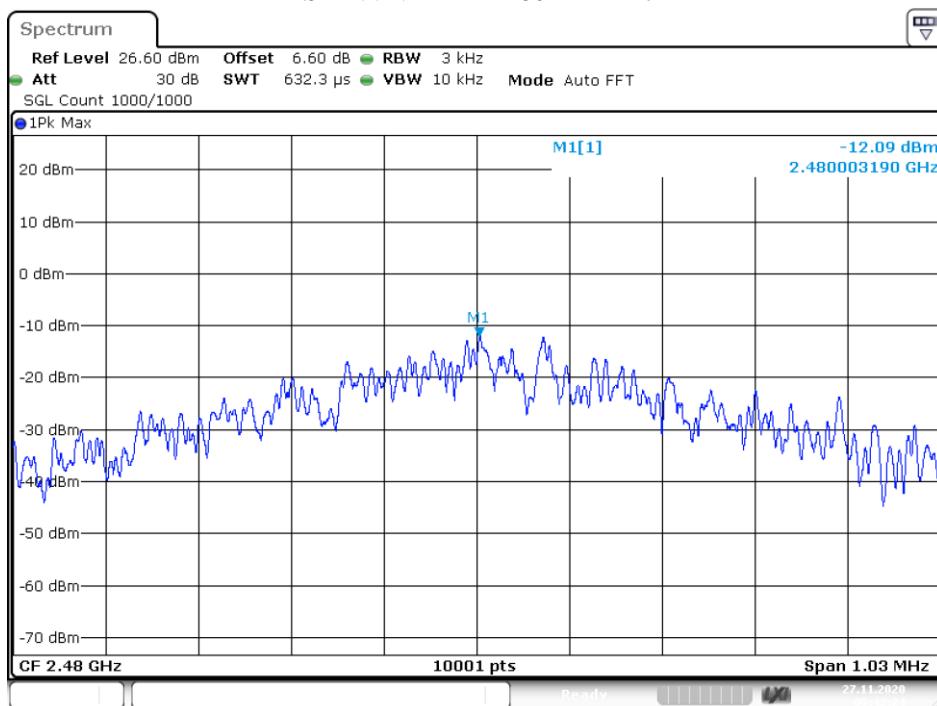
Date: 27.NOV.2020 05:33:25

PSD NVNT BLE 2440MHz Ant1



Date: 27.NOV.2020 05:37:47

PSD NVNT BLE 2480MHz Ant1



Date: 27.NOV.2020 05:42:24

7. Bandwidth

7.1. Test limits

Please refer section RSS-247 & 15.247

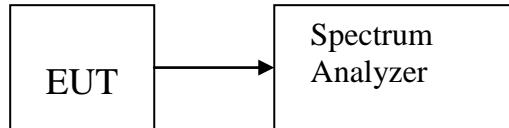
For direct sequence systems, the minimum 6dB bandwidth shall be at least 500 kHz.

7.2. Test Procedure

Details see the KDB558074 D01 Meas Guidance V05

- a) The bandwidth is measured at an amplitude level reduced 20dB from the reference level. The reference level is the level of the highest amplitude signal observed from the transmitter at the fundamental frequency. Once the reference level is established, the equipment is conditioned with typical modulating signal to produce the worst-case (i.e. the widest) bandwidth.
- b) The test receiver set $RBW = 100\text{kHz}$, $VBW \geq 3 * RBW = 300\text{kHz}$, Sweep time set auto, detail see the test plot.

7.3. Test Setup



7.4. Test Results

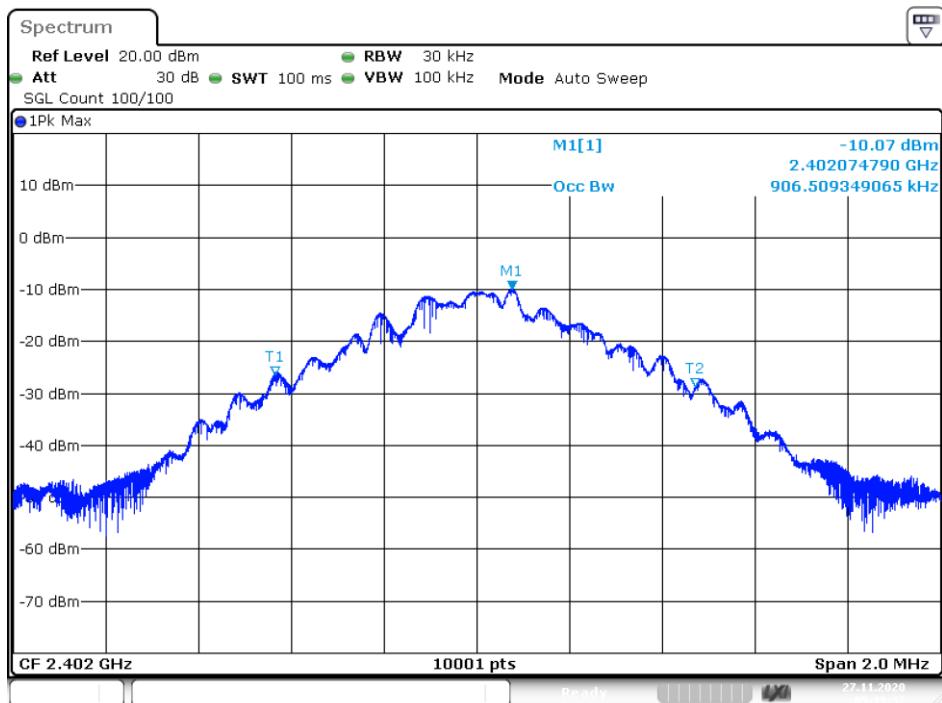
Pass

The test results are listed in next pages.

GFSK(1M)

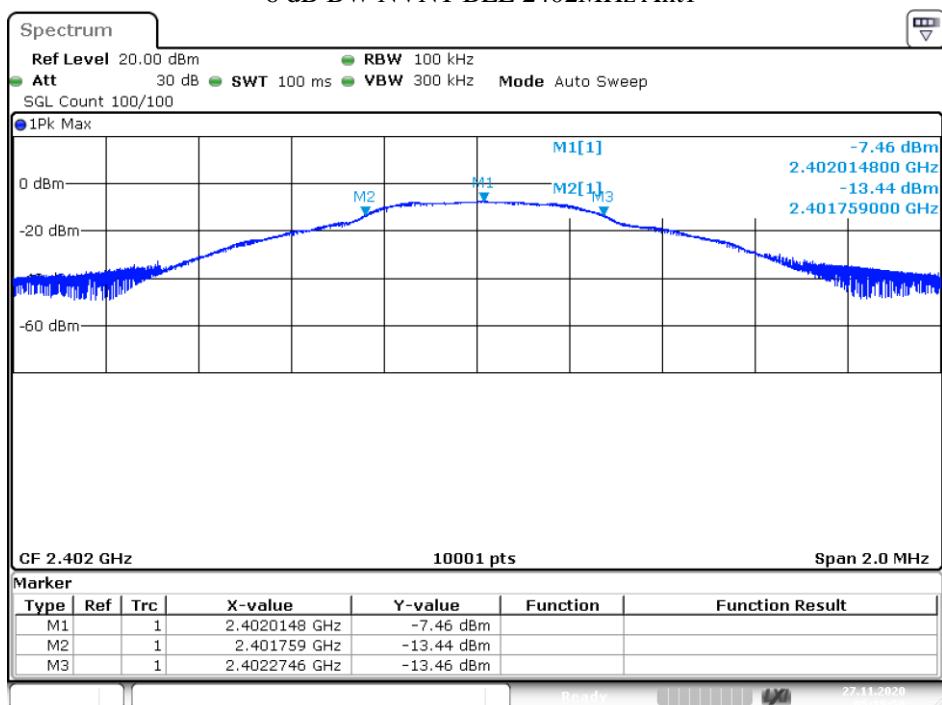
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE	2402	Ant 1	0.9065	0.5156	0.5	Pass
NVNT	BLE	2440	Ant 1	0.9069	0.5126	0.5	Pass
NVNT	BLE	2480	Ant 1	0.9081	0.516	0.5	Pass

OBW NVNT BLE 2402MHz Ant1



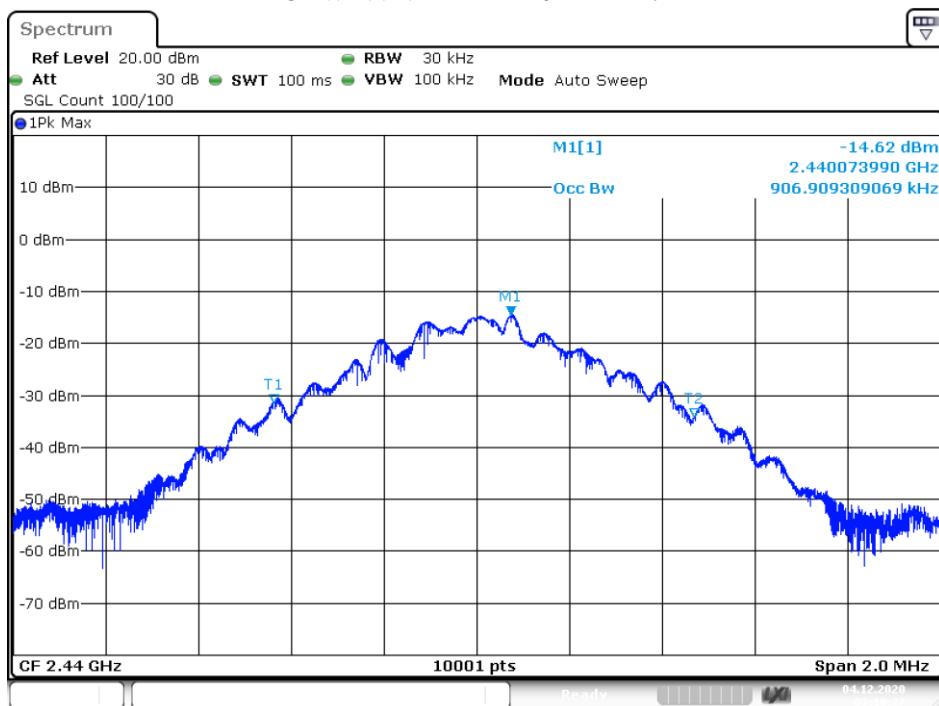
Date: 27.NOV.2020 05:19:37

-6 dB BW NVNT BLE 2402MHz Ant1



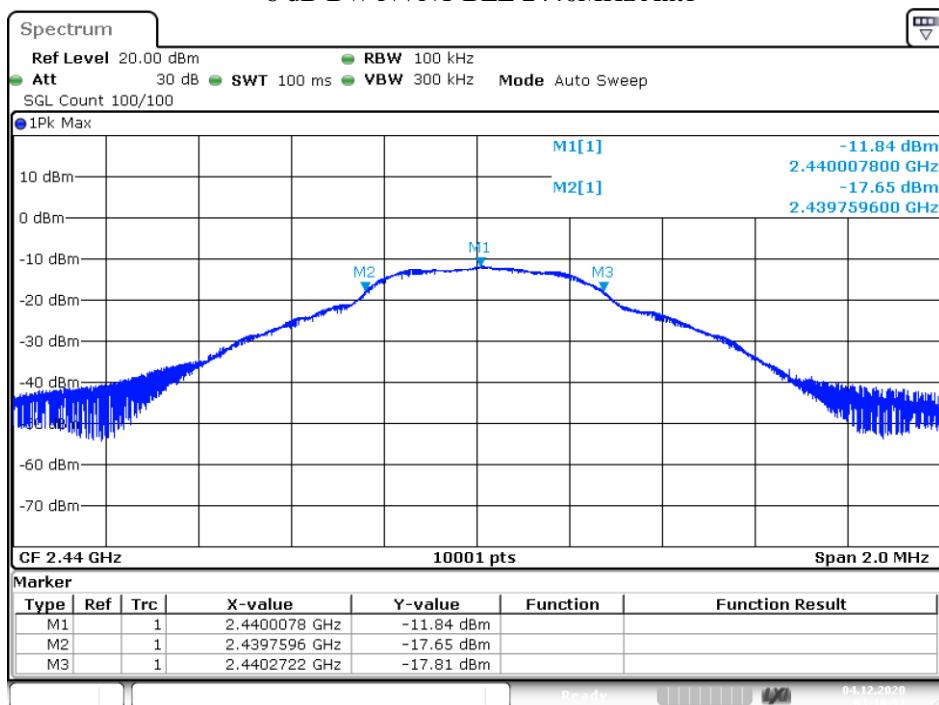
Date: 27.NOV.2020 05:19:50

OBW NVNT BLE 2440MHz Ant1



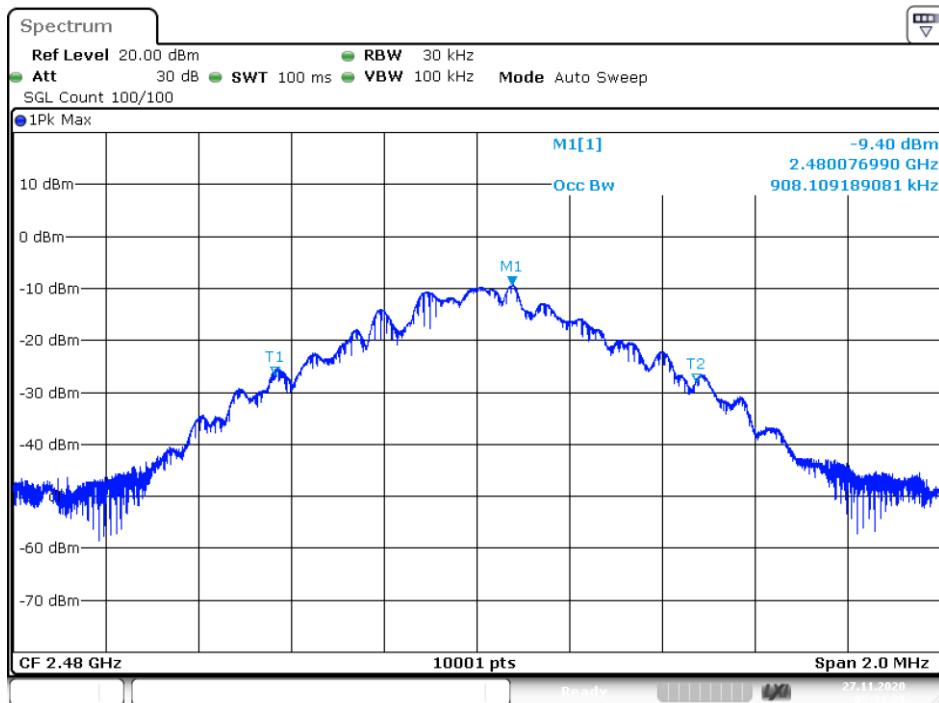
Date: 4.DEC.2020 03:10:38

-6 dB BW NVNT BLE 2440MHz Ant1



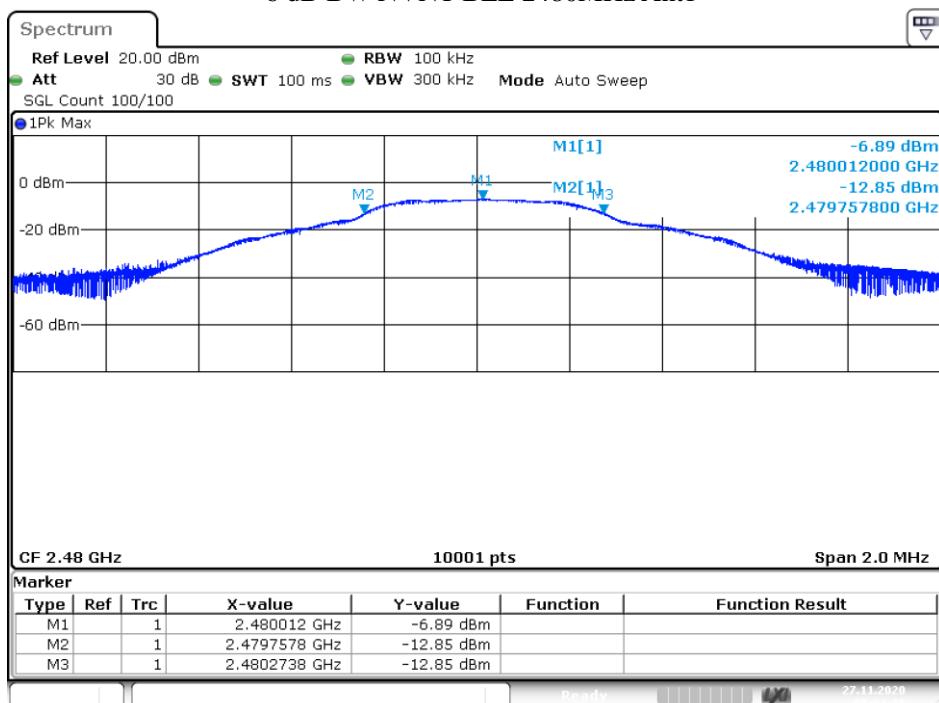
Date: 4.DEC.2020 03:10:51

OBW NVNT BLE 2480MHz Ant1



Date: 27.NOV.2020 05:31:24

-6 dB BW NVNT BLE 2480MHz Ant1

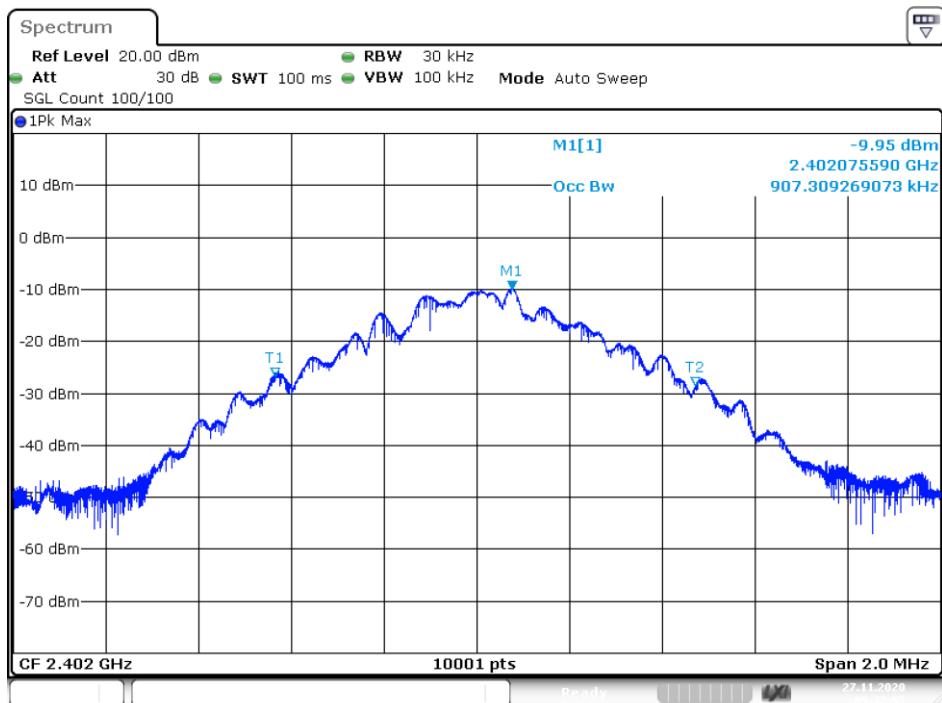


Date: 27.NOV.2020 05:31:38

GFSK(2M)

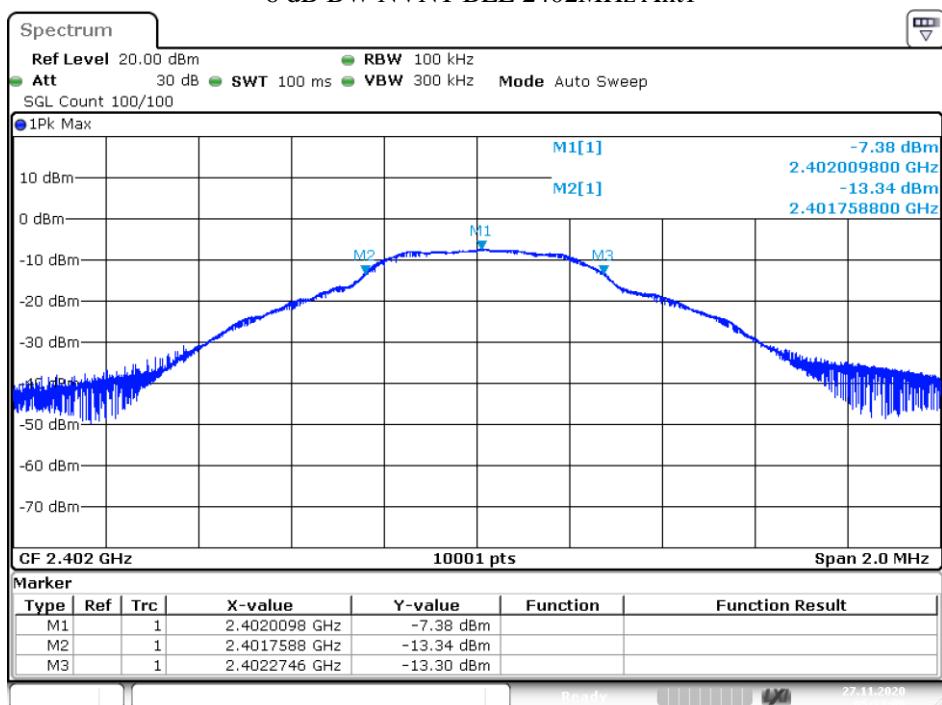
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	BLE	2402	Ant 1	0.9073	0.5158	0.5	Pass
NVNT	BLE	2440	Ant 1	0.9071	0.5094	0.5	Pass
NVNT	BLE	2480	Ant 1	0.9085	0.515	0.5	Pass

OBW NVNT BLE 2402MHz Ant1



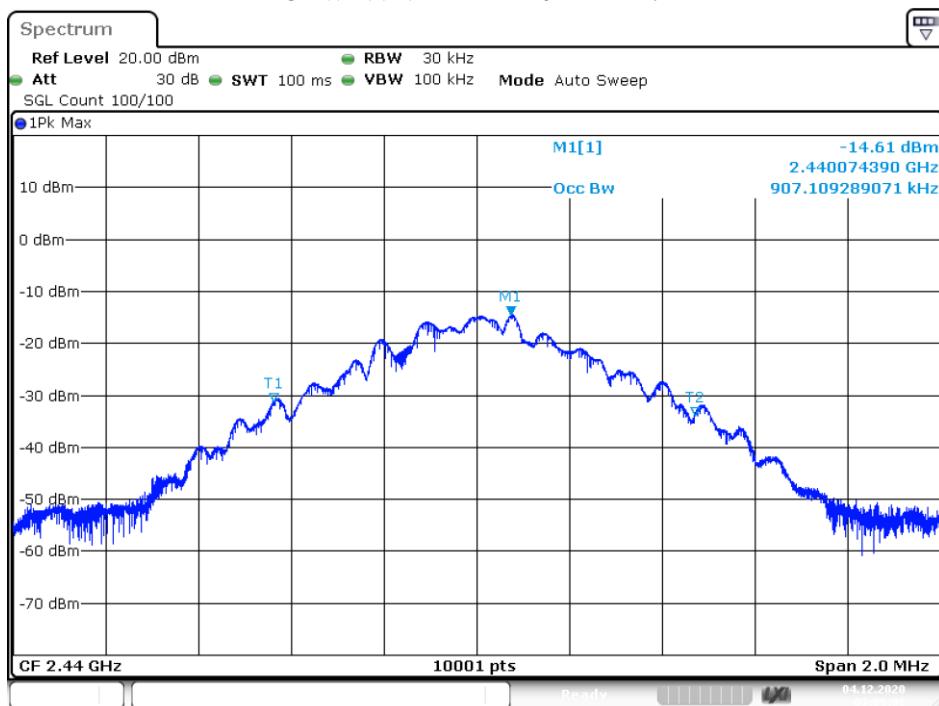
Date: 27.NOV.2020 05:32:55

-6 dB BW NVNT BLE 2402MHz Ant1



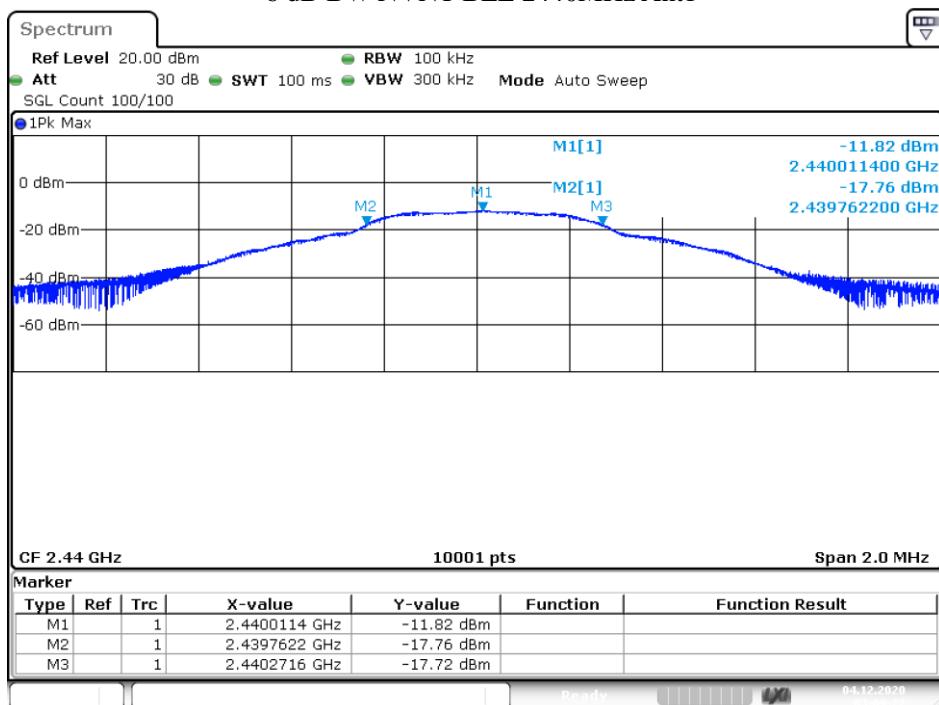
Date: 27.NOV.2020 05:33:09

OBW NVNT BLE 2440MHz Ant1



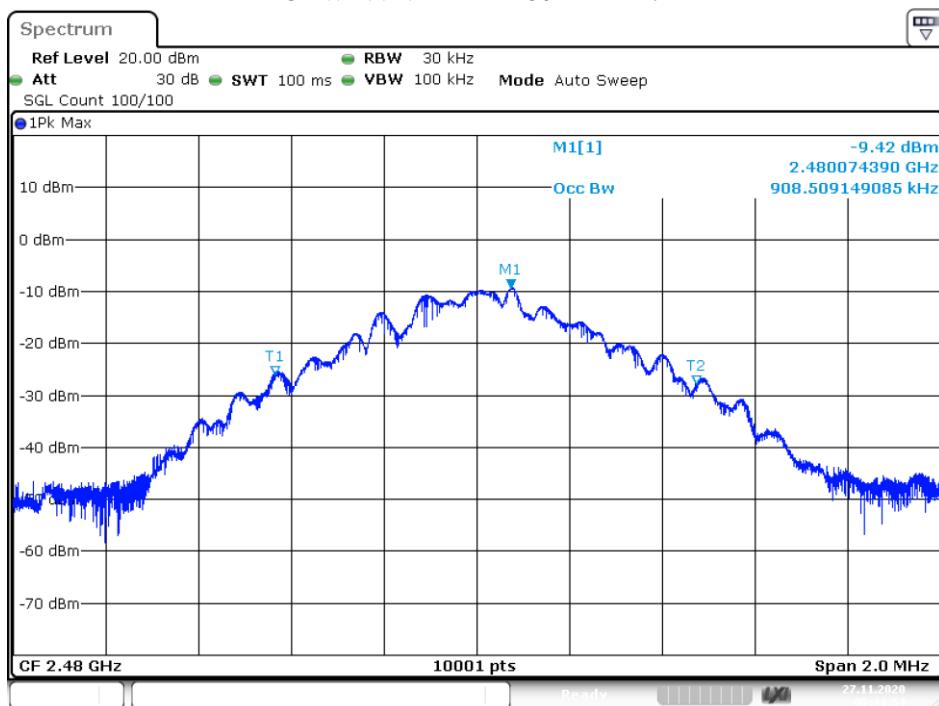
Date: 4.DEC.2020 03:09:08

-6 dB BW NVNT BLE 2440MHz Ant1



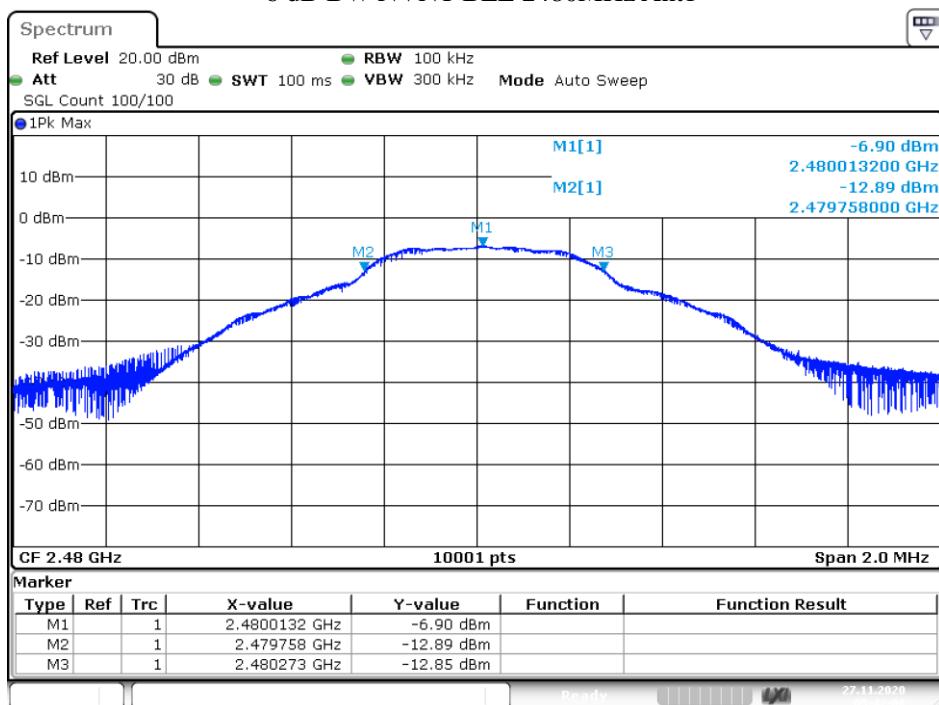
Date: 4.DEC.2020 03:09:22

OBW NVNT BLE 2480MHz Ant1



Date: 27.NOV.2020 05:41:54

-6 dB BW NVNT BLE 2480MHz Ant1



Date: 27.NOV.2020 05:42:08

8. Band Edge Check

8.1. Test limits

Please refer section RSS-GEN&15.247.

8.2. Test Procedure

Details see the KDB558074 D01 Meas Guidance V05

8.2.1 Put the EUT on a 0.8m high table, power on the EUT. Emissions were scanned and measured rotating the EUT to 360 degrees, Find the maximum Emission

8.2.2 Check the spurious emissions out of band.

8.2.3 RBW 1MHz ,VBW 3MHz ,peak detector for peak value , RBW 1MHz ,VBW 3MHz ,RMS detector for AV value.

8.3. Test Setup

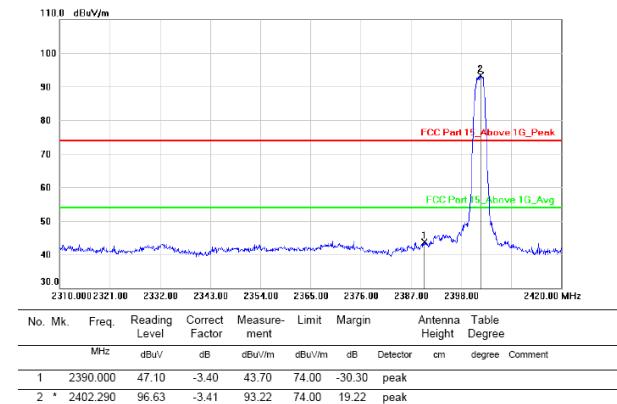
Same as 5.2.2.

8.4. Test Results

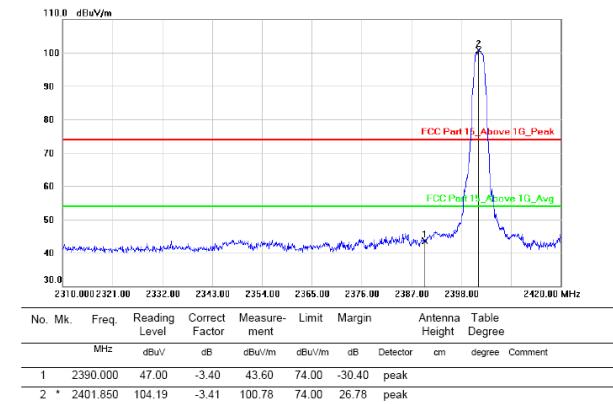
Radiated Method:GFSK(1M)

Test Mode: Low

Polarization: Vertical

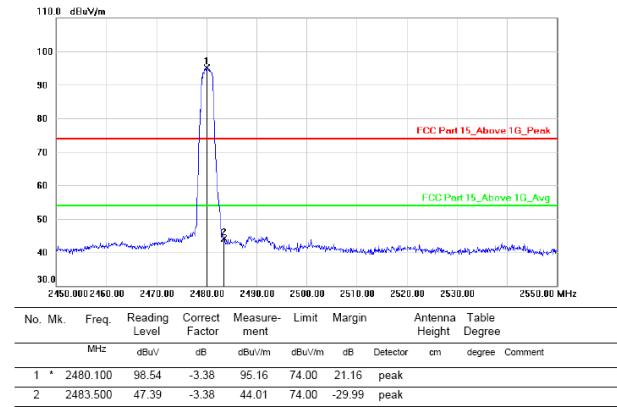


Polarization: Horizontal

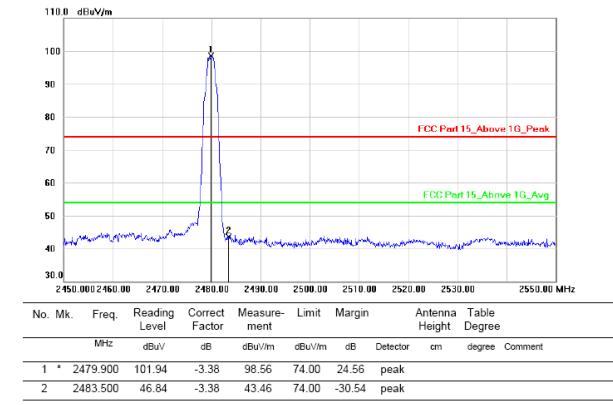


Test Mode: High

Polarization: Vertical



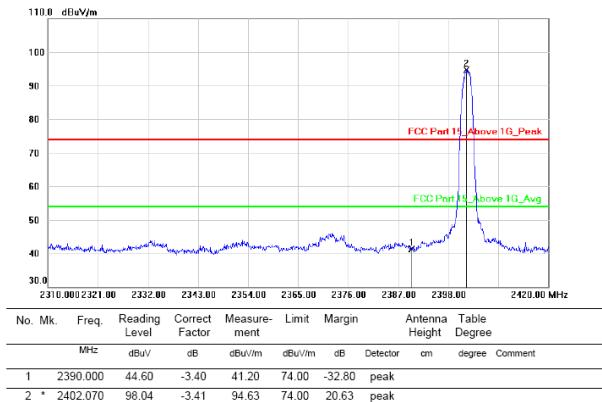
Polarization: Horizontal



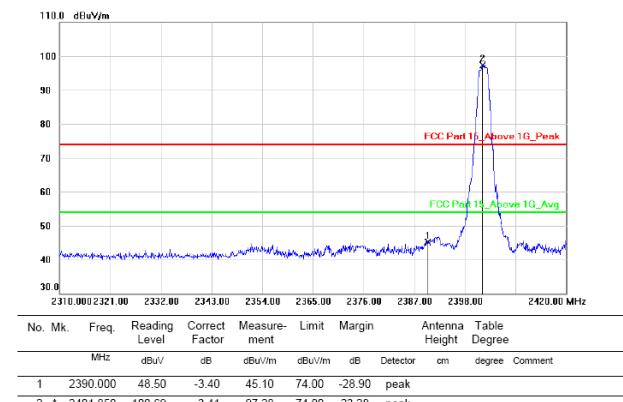
Radiated Method:GFSK(2M)

Test Mode: Low

Polarization: Vertical

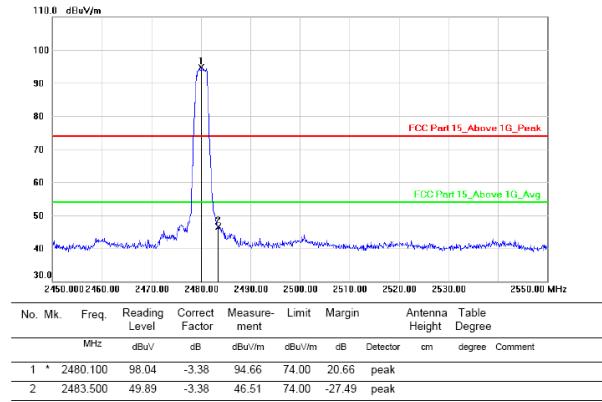


Polarization: Horizontal

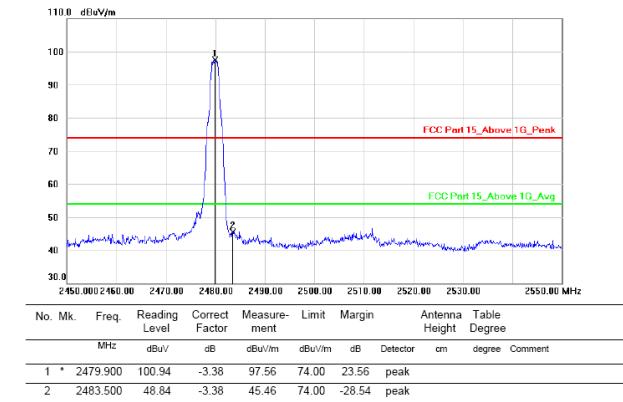


Test Mode: High

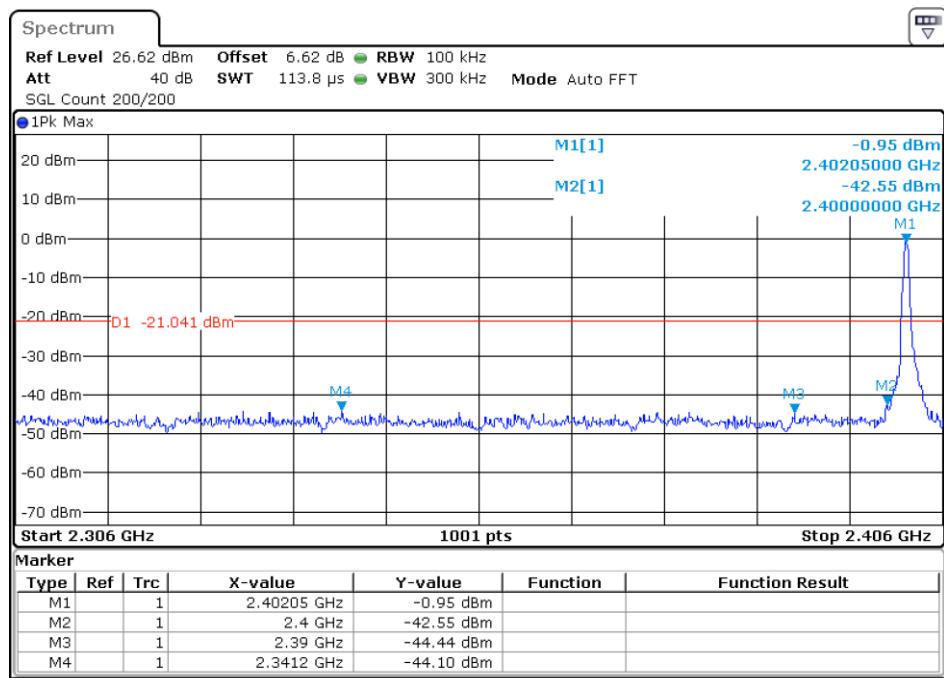
Polarization: Vertical



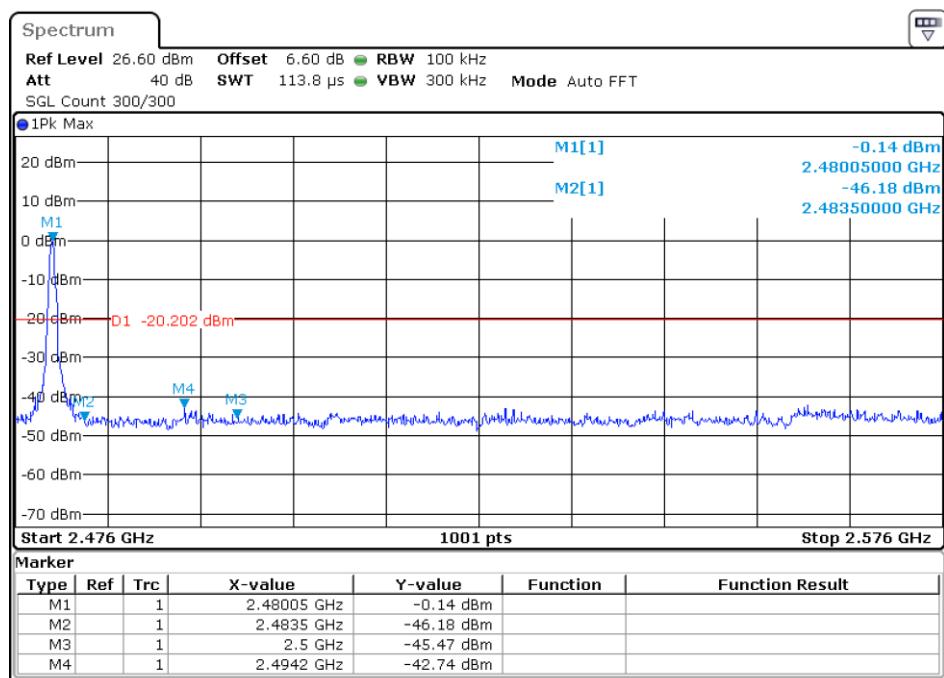
Polarization: Horizontal



Conducted Method: GFSK(1M)

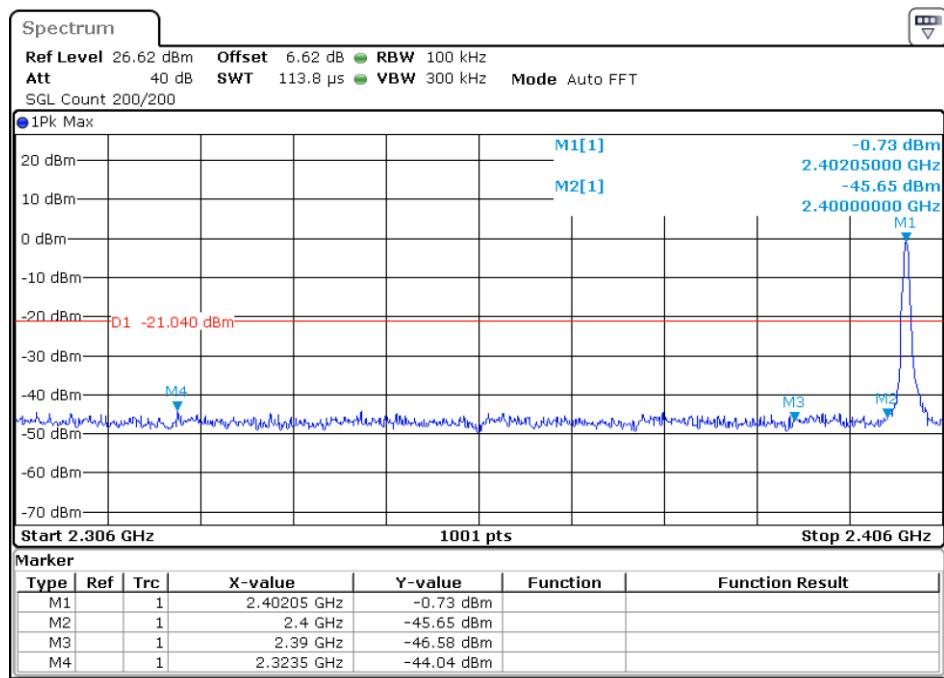


Lowest channel

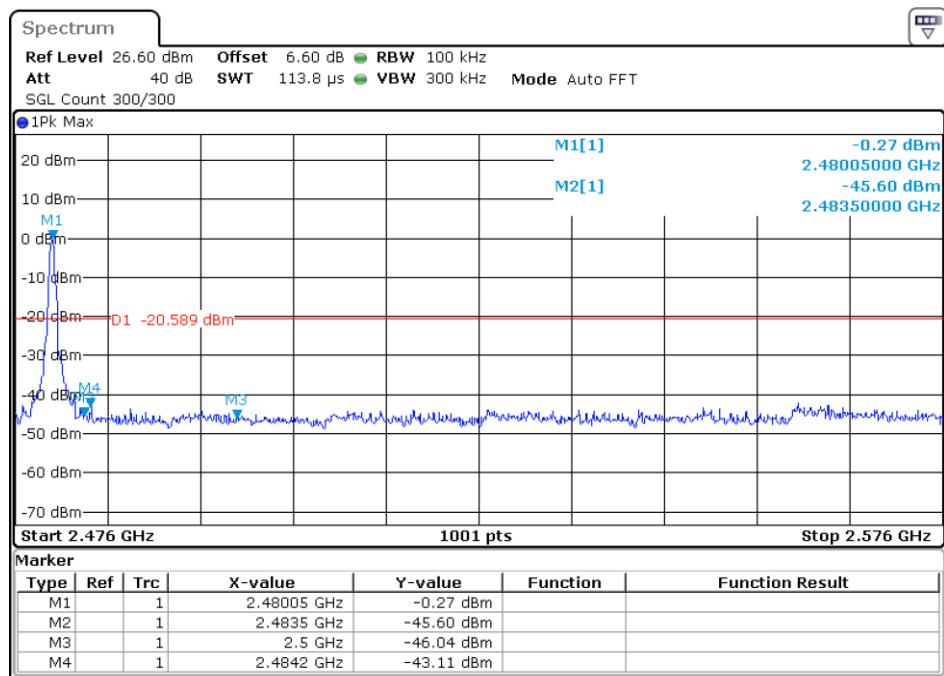


Highest channel

Conducted Method: GFSK(2M)



Lowest channel



Highest channel

9. Antenna Requirement

9.1. Standard 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 shall be considered sufficient to comply with the provisions of this Section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

9.2. Antenna Connected Construction

The antenna is PCB antenna and no consideration of replacement. Please see EUT photo for details.

9.3. Results

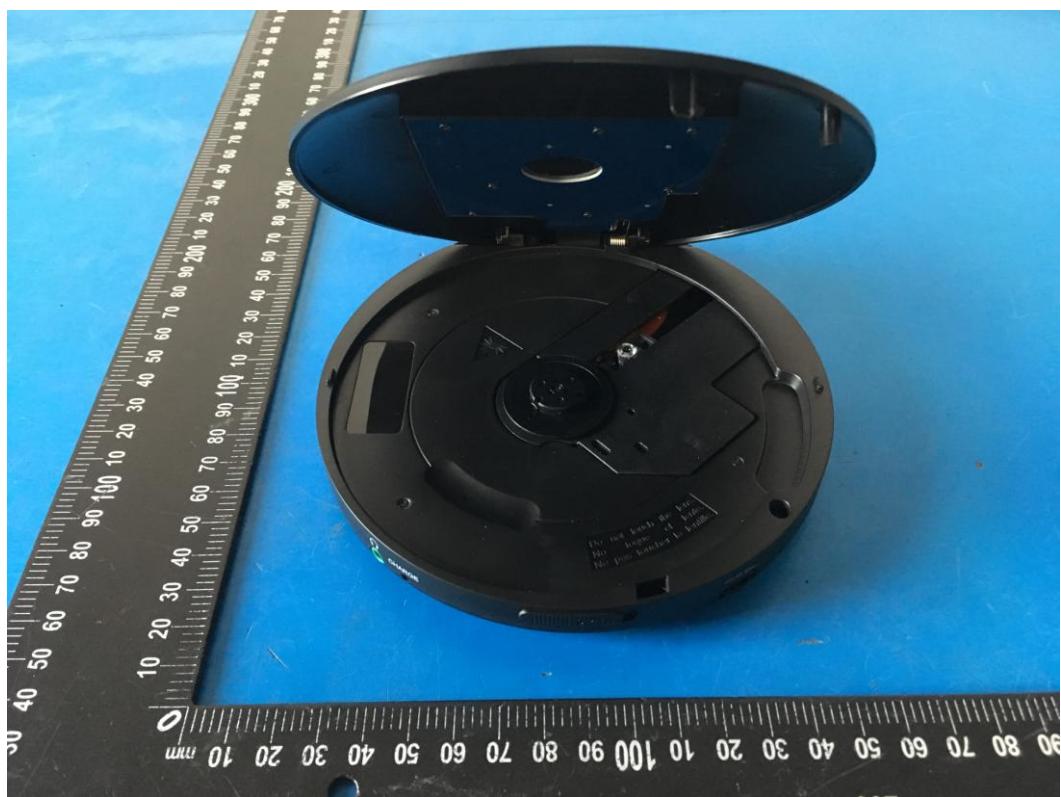
The EUT antenna is PCB Antenna. It complies with the standard requirement.

10. Test Setup Photo

10.1. Photos of Radiated emission



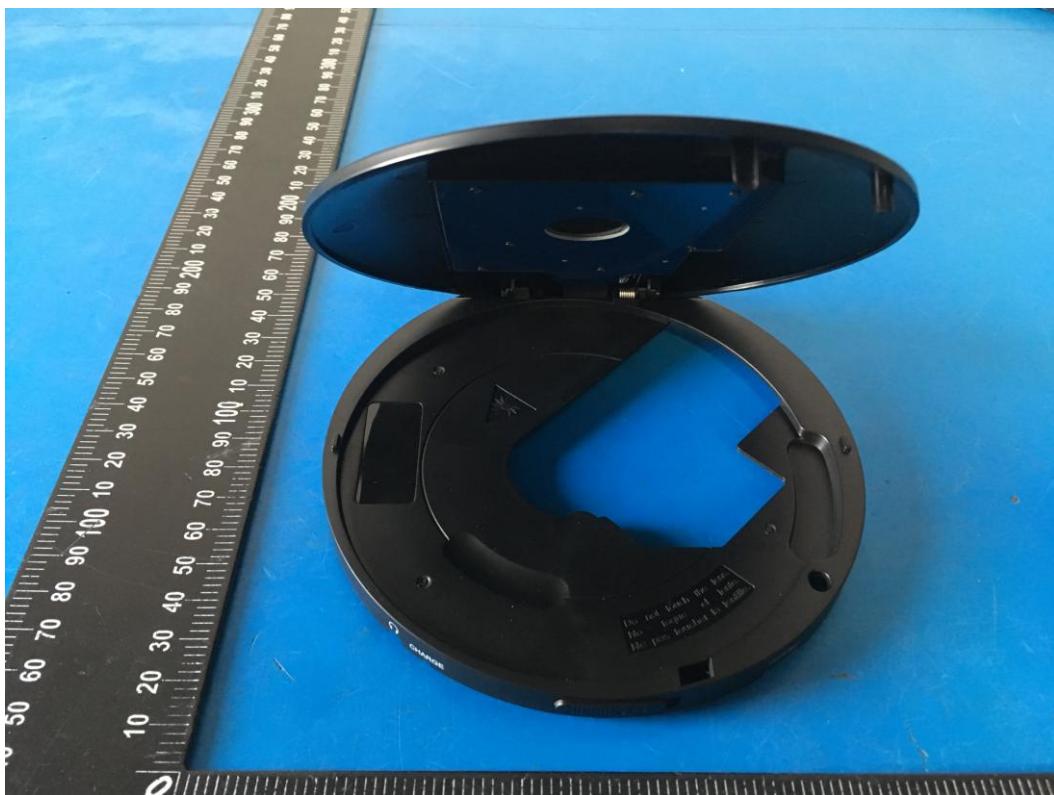
11. EUT Photo

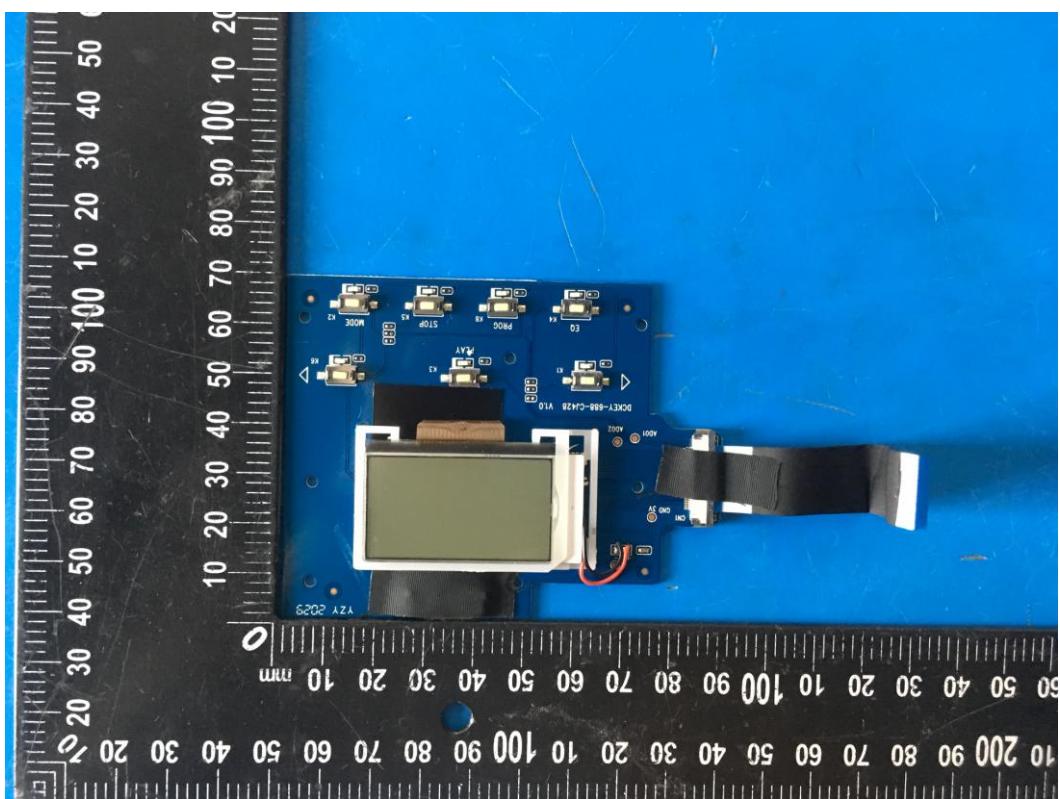
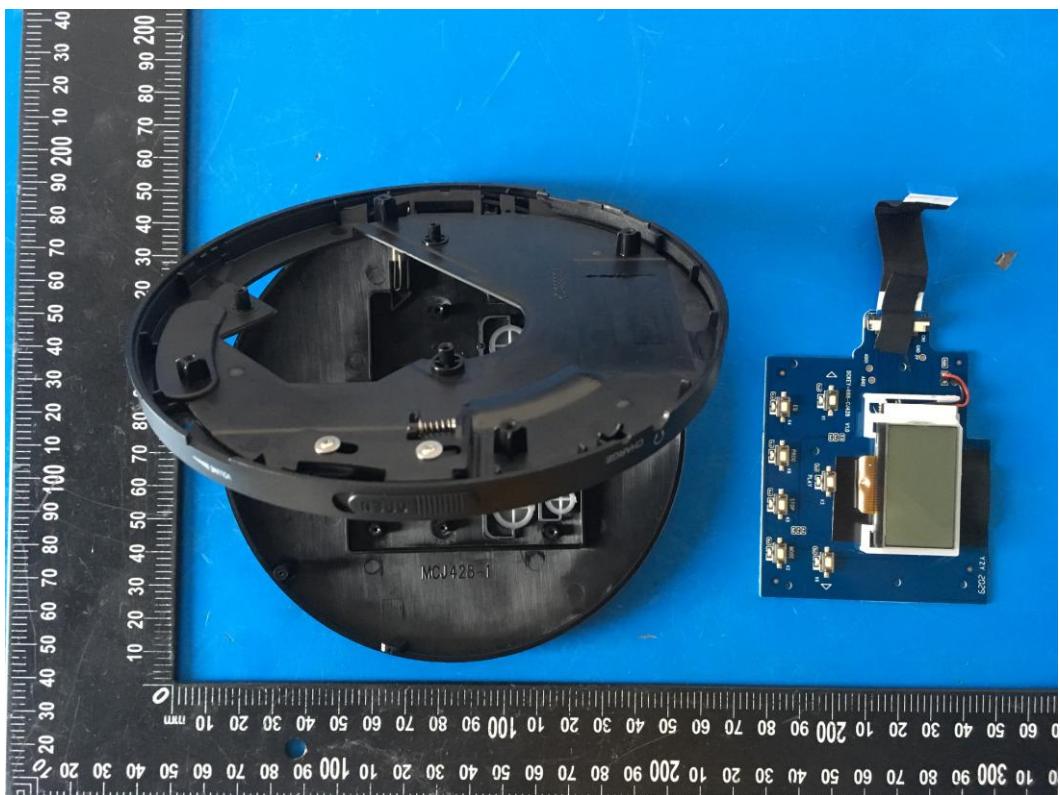


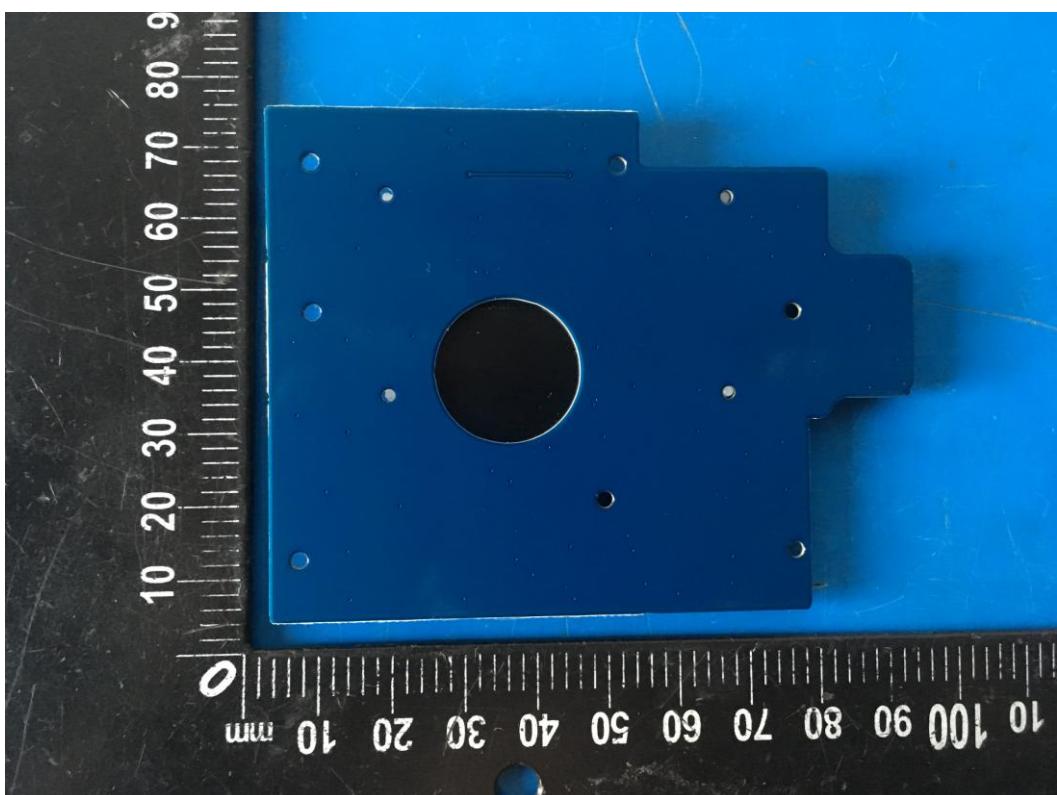
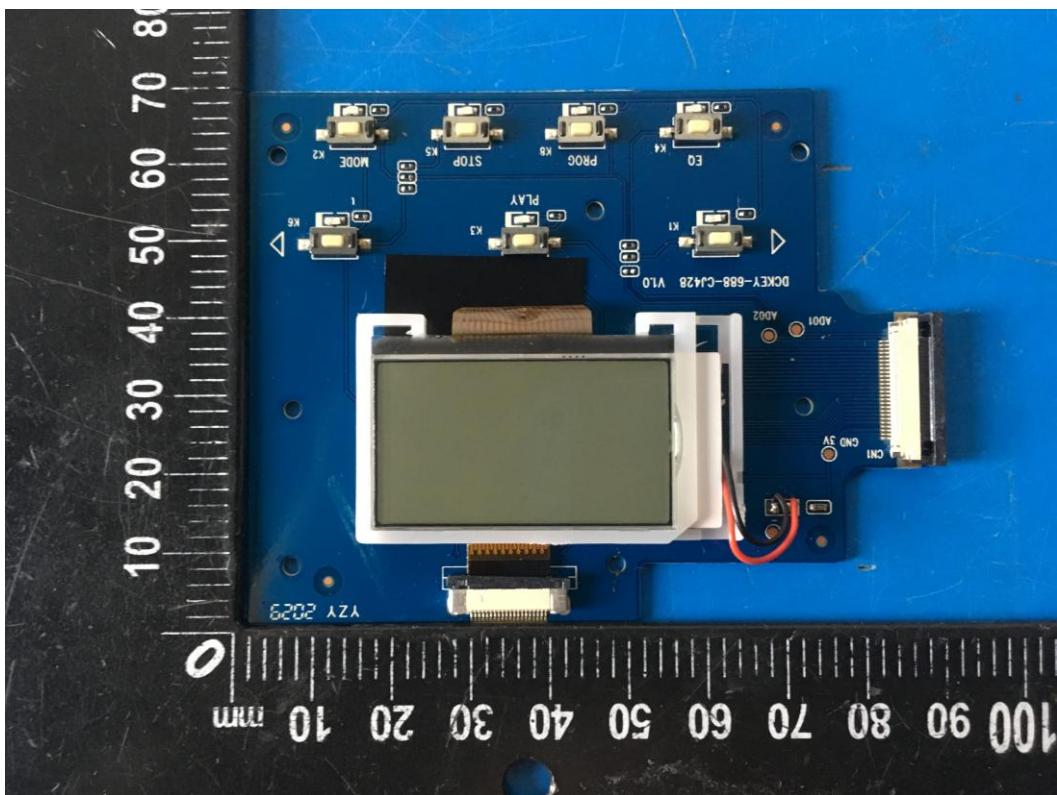


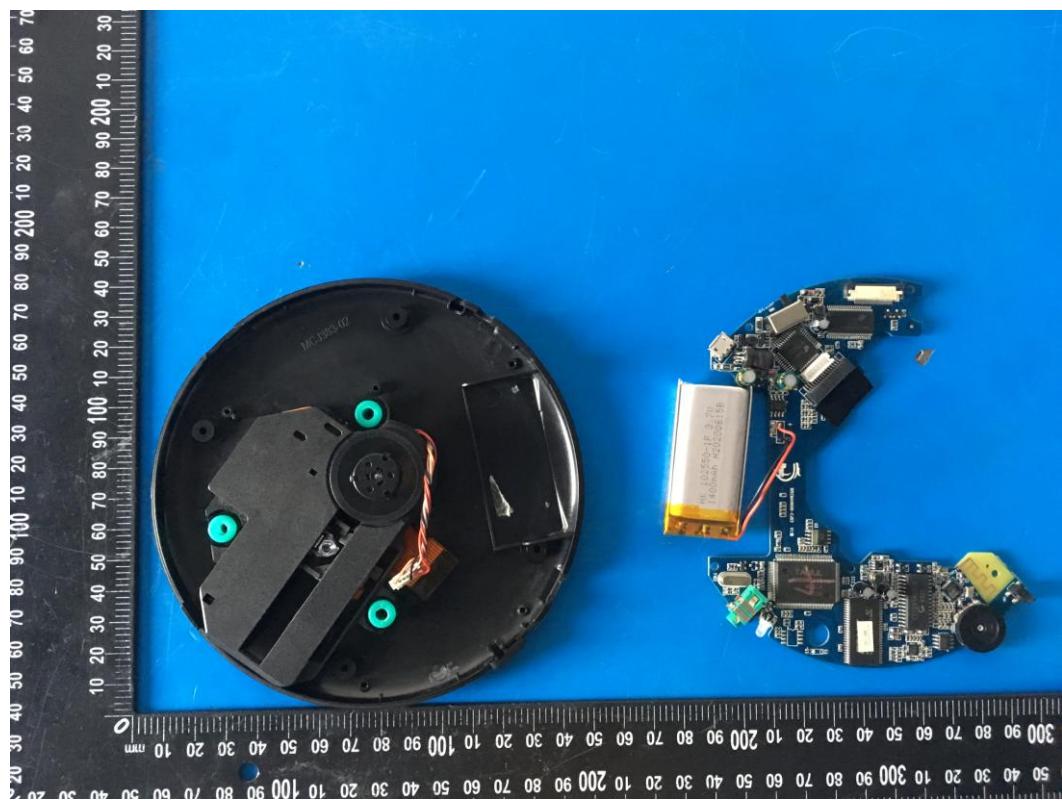


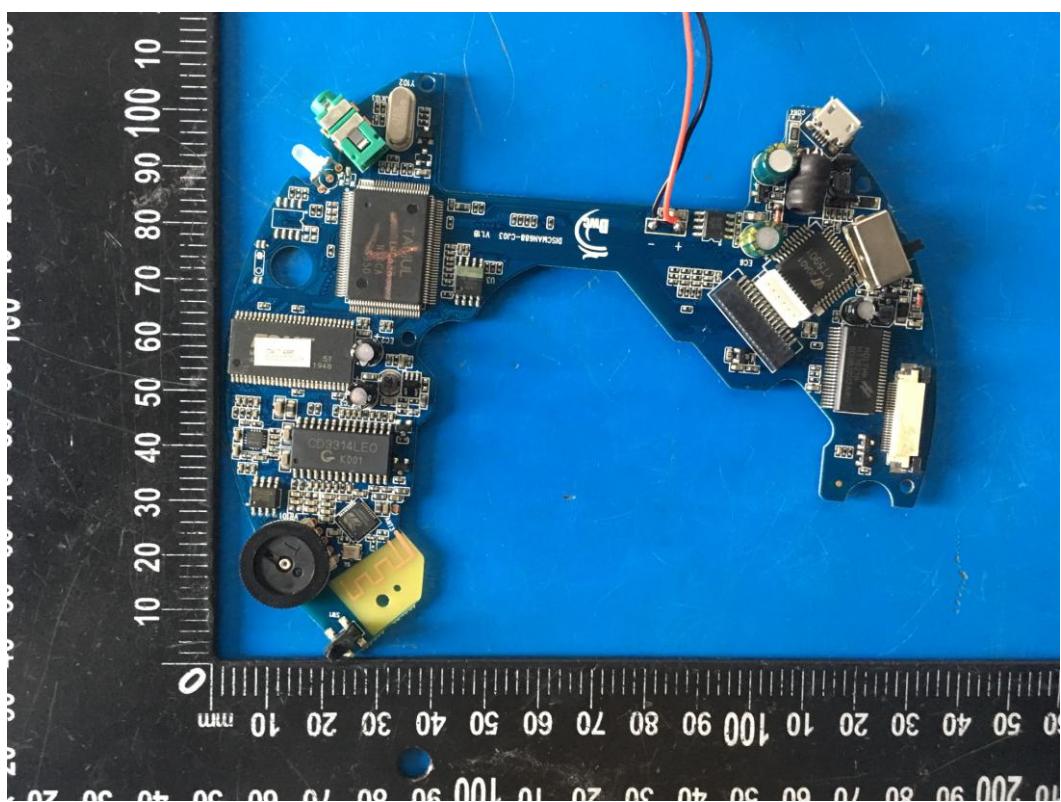
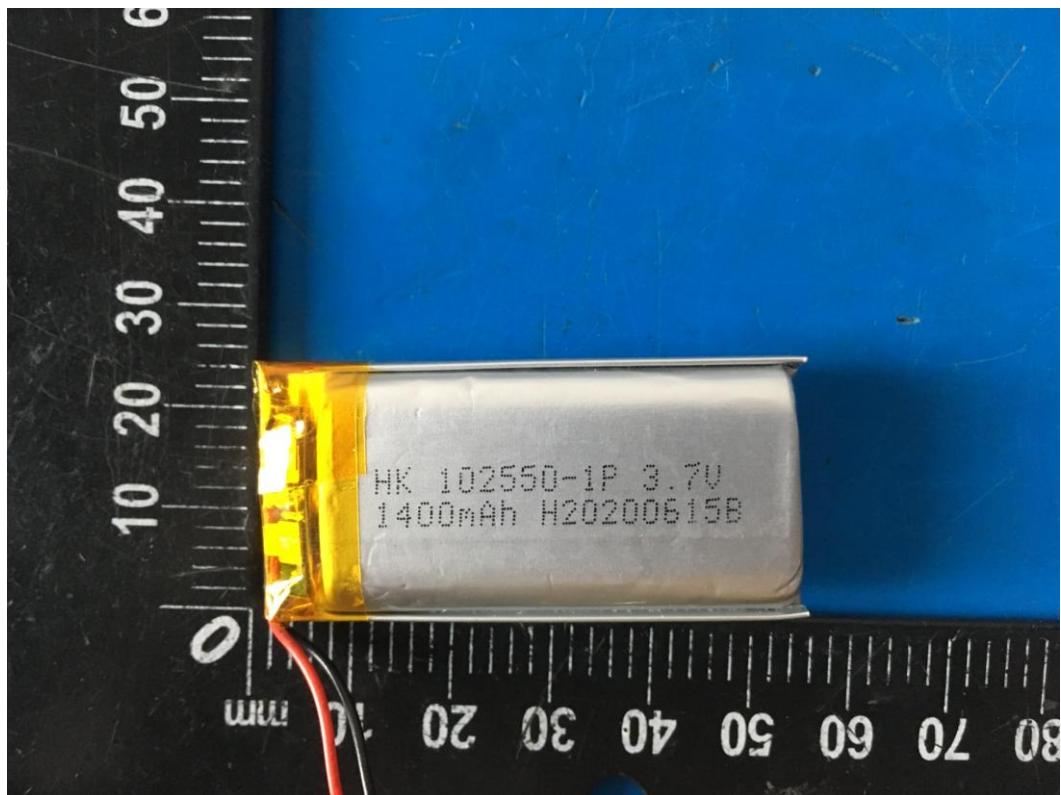


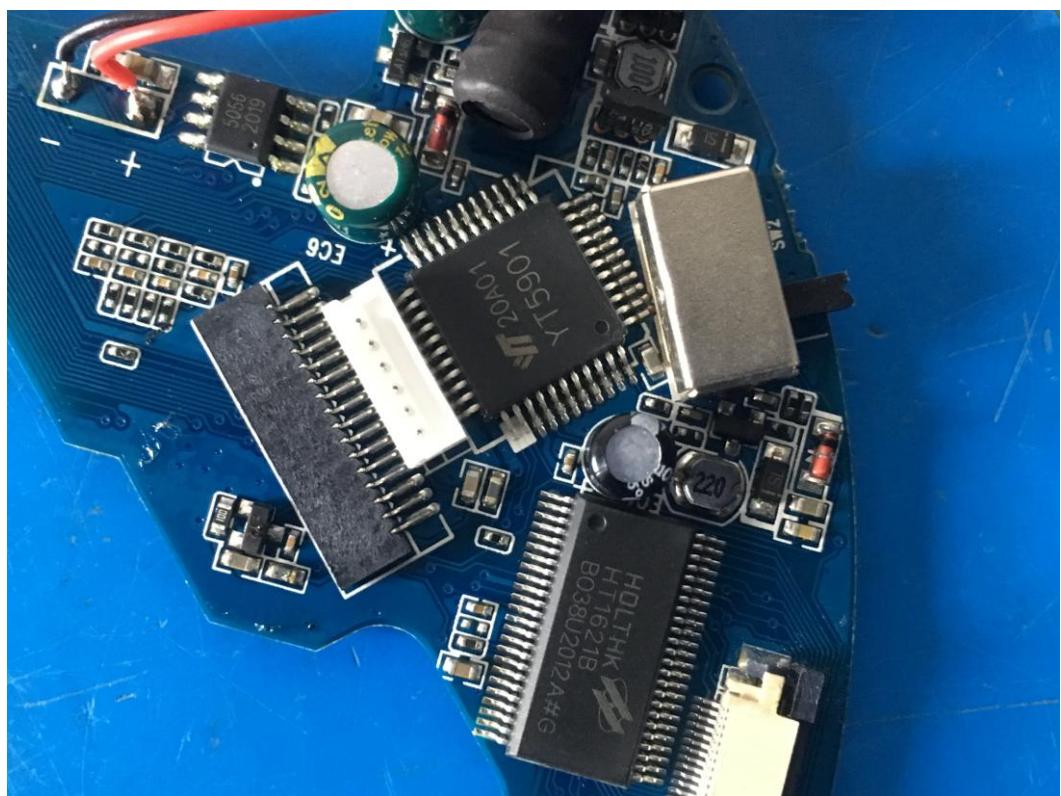
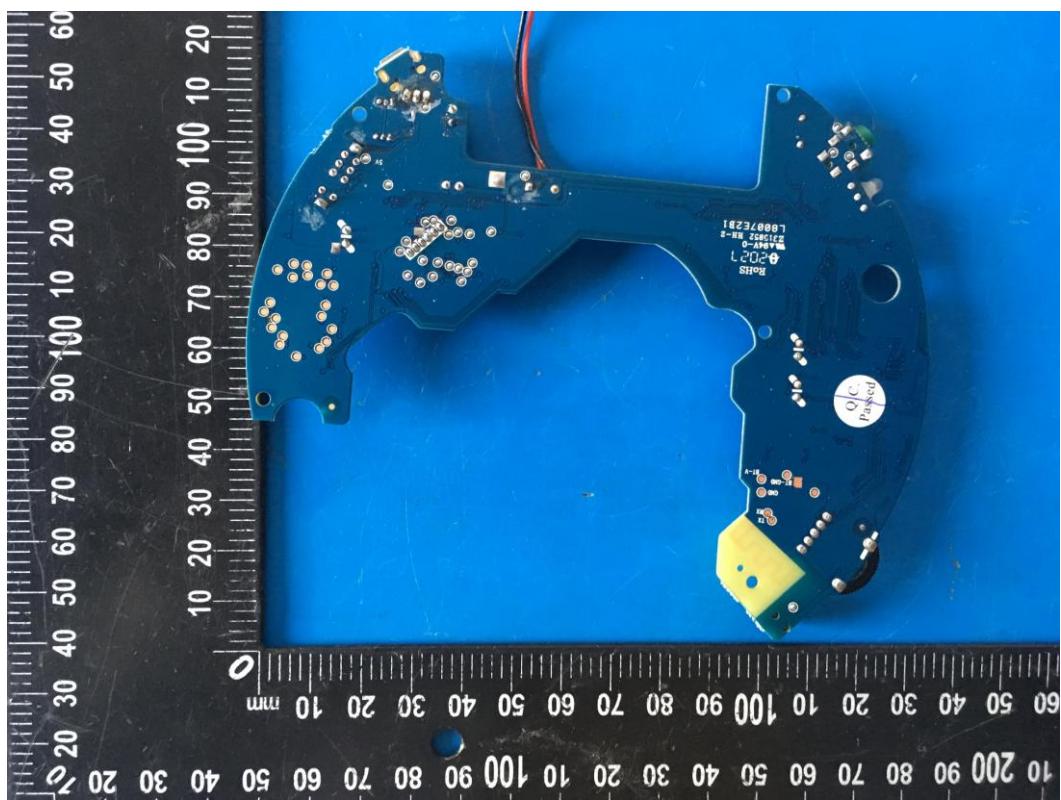


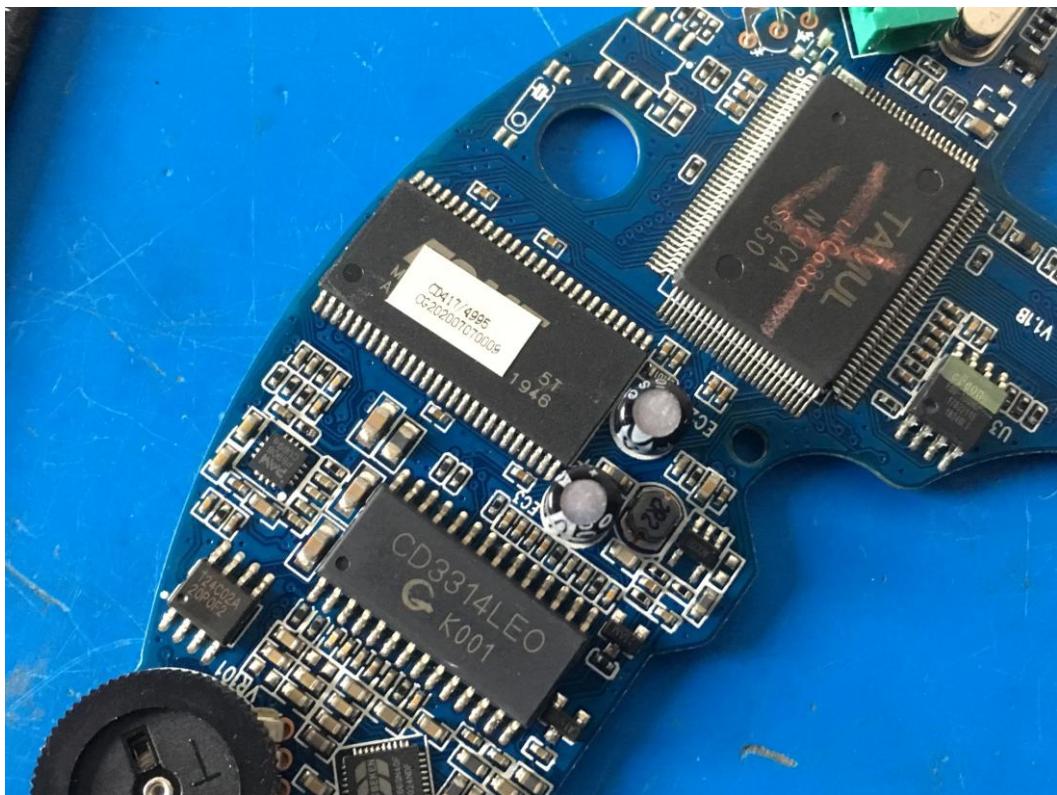












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