

# Global United Technology Services Co., Ltd.

Report No.: GTS201706000300F01

## **FCC REPORT**

**Applicant:** FengShun Peiying Electro-Acoustic Co., Ltd

No.8, Fengda Road, Tangkeng Town Ind. Area, Fengshun **Address of Applicant:** 

County, Guangdong Province, China

FengShun Peiying Electro-Acoustic Co., Ltd Manufacturer/Factory:

Address of No.8, Fengda Road, Tangkeng Town Ind. Area, Fengshun

County, Guangdong Province, China Manufacturer/Factory:

**Equipment Under Test (EUT)** 

**Product Name:** Car Multimedia Player

Model No.: XDCP97BT

FCC ID: 2AFXA-XDCP97BT

FCC CFR Title 47 Part 15 Subpart C Section 15.249:2017 **Applicable standards:** 

Date of sample receipt: June 26, 2017

**Date of Test:** June 26-28, 2017

Date of report issued: June 30, 2017

PASS \* Test Result:

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

Authorized Signature:

Robinson Lo **Laboratory Manager** 

This results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of compiler and approver.



## 2 Version

Version No.	Date	Description
00	June 30, 2017	Original

Prepared By:	Tiger. Che	Date:	June 30, 2017	
	Project Engineer			
Check By:	Hndy w	Date:	June 30, 2017	
	Reviewer			



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## 4 Test Summary

Test Item	Section in CFR 47	Result
Antenna requirement	15.203	Pass
AC Power Line Conducted Emission	15.207	N/A
Field strength of the fundamental signal	15.249 (a)	Pass
Spurious emissions	15.249 (a) (d)/15.209	Pass
Band edge	15.249 (d)/15.205	Pass
20dB Occupied Bandwidth	15.215 (c)	Pass

Pass: The EUT complies with the essential requirements in the standard.

Remark: Test according to ANSI C63.4:2014 and ANSI C63.10:2013.

### 4.1 Measurement Uncertainty

	,		
Test Item	Frequency Range	Measurement Uncertainty	Notes
Radiated Emission	9kHz ~ 30MHz	± 4.34dB	(1)
Radiated Emission	30MHz ~ 1000MHz	± 4.24dB	(1)
Radiated Emission	1GHz ~ 26.5GHz	± 4.68dB	(1)
AC Power Line Conducted Emission	0.15MHz ~ 30MHz	± 3.45dB	(1)
Note (1): The measurement unce	rtainty is for coverage factor of k	=2 and a level of confidence of 9	95%.



## 5 General Information

## 5.1 General Description of EUT

Product Name:	Car Multimedia Player
Model No.:	XDCP97BT
Operation Frequency:	2402MHz~2480MHz
Channel numbers:	79
Channel separation:	1MHz
Modulation type:	GFSK, Pi/4QPSK, 8DPSK
Antenna Type:	Integrated antenna
Antenna gain:	2.0dBi(declare by Applicant)
Power supply:	DC 12V



Operation Frequency each of channel							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
1	2402MHz	21	2422MHz	41	2442MHz	61	2462MHz
2	2403MHz	22	2423MHz	42	2443MHz	62	2463MHz
19	2420MHz	39	2440MHz	59	2460MHz	79	2480MHz
20	2421MHz	40	2441MHz	60	2461MHz		

#### Note:

In section 15.31(m), regards to the operating frequency range over 10 MHz, the Lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test, and the selected channel see below:

Channel	Frequency
The lowest channel	2402MHz
The middle channel	2441MHz
The Highest channel	2480MHz



#### 5.2 Test mode

Transmitting mode	Keep the EUT in continuously transmitting mode
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Remark: During the test, the dutycycle >98%, the test voltage was tuned from 85% to 115% of the nominal rated supply voltage, and found that the worst case was under the nominal rated supply condition. So the report just shows that condition's data.

#### Per-test mode.

We have verified the construction and function in typical operation, The EUT was placed on three different polar directions; i.e. X axis, Y axis, Z axis. which was shown in this test report and defined as follows:

		-	
Axis	X	Y	Z
Field Strength(dBuV/m)	96.46	97.03	95.48

#### **Final Test Mode:**

The EUT was tested in GFSK,  $\pi/4$ QPSK, 8DPSK modulation, and found the GFSK modulation is the worst case.

According to ANSI C63.4 standards, the test results are both the "worst case" and "worst setup":

Y axis (see the test setup photo)

#### 5.3 Description of Support Units

Manufacturer	Description	Model	Serial Number	FCC ID/DoC
GS	lead-acid battery	S5D26R-MFZ	9442804454	VoC

#### 5.4 Test Facility

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

#### • FCC —Registration No.: 600491

Global United Technology Services Co., Ltd., Shenzhen EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in files. Registration 600491, June 22, 2016.

#### • Industry Canada (IC) —Registration No.: 9079A-2

The 3m Semi-anechoic chamber of Global United Technology Services Co., Ltd. has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 9079A-2, August 15, 2016

#### 5.5 Test Location

All tests were performed at:

Global United Technology Services Co., Ltd.

No. 301-309, 3/F., Jinyuan Business Building, No.2, Laodong Industrial Zone, Xixiang Road, Baoan District, Shenzhen, Guangdong, China 518102

Tel: 0755-27798480 Fax: 0755-27798960

#### 5.6 Other Information Requested by the Customer

None.



## 6 Test Instruments list

Rad	Radiated Emission:						
Item	em Test Equipment Manufacturer		Model No.	Inventory No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)	
1	3m Semi- Anechoic Chamber	ZhongYu Electron	9.2(L)*6.2(W)* 6.4(H)	GTS250	July 03 2015	July 02 2020	
2	Control Room	ZhongYu Electron	6.2(L)*2.5(W)* 2.4(H)	GTS251	N/A	N/A	
3	Spectrum Analyzer	Agilent	E4440A	GTS533	June 29 2016	June 29 2017	
4	EMI Test Receiver	Rohde & Schwarz	ESU26	GTS203	June 29 2016	June 29 2017	
5	BiConiLog Antenna	SCHWARZBECK MESS-ELEKTRONIK	VULB9163	GTS214	June 29 2016	June 29 2017	
6	Double -ridged waveguide horn	SCHWARZBECK MESS-ELEKTRONIK	9120D-829	GTS208	June 29 2016	June 29 2017	
7	Horn Antenna	ETS-LINDGREN	3160	GTS217	June 29 2016	June 29 2017	
8	EMI Test Software	AUDIX	E3	N/A	N/A	N/A	
9	Coaxial Cable	GTS	N/A	GTS213	June 29 2016	June 29 2017	
10	Coaxial Cable	GTS	N/A	GTS211	June 29 2016	June 29 2017	
11	Coaxial cable	GTS	N/A	GTS210	June 29 2016	June 29 2017	
12	Coaxial Cable	GTS	N/A	GTS212	June 29 2016	June 29 2017	
13	Amplifier(100kHz-3GHz)	HP	8347A	GTS204	June 29 2016	June 29 2017	
14	Amplifier(2GHz-20GHz)	HP	8349B	GTS206	June 29 2016	June 29 2017	
15	Amplifier (18-26GHz)	Rohde & Schwarz	AFS33-18002 650-30-8P-44	GTS218	June 29 2016	June 29 2017	
16	Band filter	Amindeon	82346	GTS219	June 29 2016	June 29 2017	
17	Power Meter	Anritsu	ML2495A	GTS540	June 29 2016	June 29 2017	
18	Power Sensor	Anritsu	MA2411B	GTS541	June 29 2016	June 29 2017	



#### 7 Test results and Measurement Data

#### 7.1 Antenna requirement

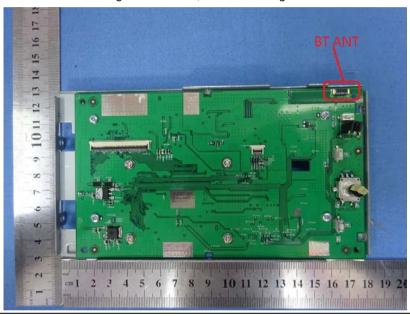
Standard requirement: FCC Part15 C Section 15.203

#### 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.

#### **EUT Antenna:**

The antenna is integrated antenna, the best case gain of the antenna is 2. 0dBi





#### 7.2 Radiated Emission Method

1.2	Radiated Emission Me	etnoa							
	Test Requirement:	FCC Part15 C S	Section 15.20	9					
	Test Method:	ANSI C63.10:20	013						
	Test Frequency Range:	30MHz to 25GH	łz						
	Test site:	Measurement D	Distance: 3m						
	Receiver setup:	Frequency	Detector		RBW	VBW	Remark		
		30MHz- 1GHz	Quasi-pea	k	120KHz	300KHz	Quasi-peak Value		
		Above 1GHz	Peak		1MHz	3MHz	Peak Value		
		Above IGHZ	Peak		1MHz	10Hz	Average Value		
	Limit:	Frequency Limit (dBuV/m @3m) Remark 94.00 Average Valu							
	(Field strength of the	2400MHz-24	Average Value						
	fundamental signal)	114.00 Peak Value							
	Limit:	Frequency Limit (dBuV/m @3m) Remark 30MHz-88MHz 40.00 Quasi-peak Value							
	(Spurious Emissions)	88MHz-2	Quasi-peak Value Quasi-peak Value						
		216MHz-9			43.5 46.0		Quasi-peak Value		
		960MHz-			54.00		Quasi-peak Value		
		Above 1	1GHz	54.00			Average Value		
					74.0		Peak Value		
	Limit: (band edge)	harmonics, sha fundamental or	II be attenuat to the genera	ed I al ra	by at least to diated emis	50 dB belov	bands, except for v the level of the in Section 15.209,		
	Test setup:	whichever is the lesser attenuation.  Below 1GHz    Som >   Tum Table   Preamplifier   Preamplif							
		Above 1GHz							



	Tum Table+ < 1m 4m >-/    Tum Table+   Preamplifier+   Pre
Test Procedure:	The EUT was placed on the top of a rotating table (0.8m for below 1G and 1.5m for above 1G) above the ground at a 3 meter camber. The table was rotated 360 degrees to determine the position of the highest radiation.
	2. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
	3. 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.
	4. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rota table was turned from 0 degrees to 360 degrees to find the maximum reading.
	5. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
	6. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.
Test Instruments:	Refer to section 6.0 for details
Test mode:	Refer to section 5.2 for details
Test results:	Pass

#### Measurement data:



## 7.2.1 Field Strength of The Fundamental Signal

#### Peak value:

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
2402.00	98.07	27.58	5.39	34.01	97.03	114.00	-16.97	Vertical
2402.00	95.25	27.58	5.39	34.01	94.21	114.00	-19.79	Horizontal
2441.00	97.99	27.48	5.43	33.96	96.94	114.00	-17.06	Vertical
2441.00	95.69	27.48	5.43	33.96	94.64	114.00	-19.36	Horizontal
2480.00	97.03	27.52	5.47	33.92	96.10	114.00	-17.90	Vertical
2480.00	94.82	27.52	5.47	33.92	93.89	114.00	-20.11	Horizontal

#### Average value:

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
2402.00	87.64	27.58	5.39	34.01	86.60	94.00	-7.40	Vertical
2402.00	85.47	27.58	5.39	34.01	84.43	94.00	-9.57	Horizontal
2441.00	88.13	27.48	5.43	33.96	87.08	94.00	-6.92	Vertical
2441.00	85.59	27.48	5.43	33.96	84.54	94.00	-9.46	Horizontal
2480.00	87.84	27.52	5.47	33.92	86.91	94.00	-7.09	Vertical
2480.00	85.10	27.52	5.47	33.92	84.17	94.00	-9.83	Horizontal



## 7.2.2 Spurious emissions

#### ■ Below 1GHz

= Bolow 16112											
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization			
74.66	53.94	7.35	0.98	29.94	32.33	40.00	-7.67	Vertical			
107.51	52.79	11.50	1.26	29.76	35.79	43.50	-7.71	Vertical			
233.35	53.67	11.27	2.04	29.67	37.31	46.00	-8.69	Vertical			
407.52	43.74	15.62	2.89	29.59	32.66	46.00	-13.34	Vertical			
582.74	47.77	18.98	3.66	29.42	40.99	46.00	-5.01	Vertical			
739.66	43.04	20.39	4.24	29.16	38.51	46.00	-7.49	Vertical			
165.49	55.89	8.33	1.66	29.54	36.34	43.50	-7.16	Horizontal			
254.73	50.73	12.04	2.15	29.84	35.08	46.00	-10.92	Horizontal			
330.20	49.20	14.09	2.52	30.02	35.79	46.00	-10.21	Horizontal			
373.31	48.61	14.97	2.73	29.75	36.56	46.00	-9.44	Horizontal			
524.55	43.47	17.98	3.42	29.48	35.39	46.00	-10.61	Horizontal			
578.67	42.43	18.93	3.64	29.42	35.58	46.00	-10.42	Horizontal			



#### Above 1GHz

Test channel: Lowest channel
------------------------------

#### Peak value:

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4804.00	38.45	31.78	8.60	32.09	46.74	74.00	-27.26	Vertical
7206.00	32.59	36.15	11.65	32.00	48.39	74.00	-25.61	Vertical
9608.00	32.15	37.95	14.14	31.62	52.62	74.00	-21.38	Vertical
12010.00	*					74.00		Vertical
14412.00	*					74.00		Vertical
4804.00	42.97	31.78	8.60	32.09	51.26	74.00	-22.74	Horizontal
7206.00	34.45	36.15	11.65	32.00	50.25	74.00	-23.75	Horizontal
9608.00	31.68	37.95	14.14	31.62	52.15	74.00	-21.85	Horizontal
12010.00	*					74.00		Horizontal
14412.00	*					74.00		Horizontal

#### Average value:

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4804.00	27.05	31.78	8.60	32.09	35.34	54.00	-18.66	Vertical
7206.00	21.15	36.15	11.65	32.00	36.95	54.00	-17.05	Vertical
9608.00	20.15	37.95	14.14	31.62	40.62	54.00	-13.38	Vertical
12010.00	*					54.00		Vertical
14412.00	*					54.00		Vertical
4804.00	31.40	31.78	8.60	32.09	39.69	54.00	-14.31	Horizontal
7206.00	23.40	36.15	11.65	32.00	39.20	54.00	-14.80	Horizontal
9608.00	19.98	37.95	14.14	31.62	40.45	54.00	-13.55	Horizontal
12010.00	*					54.00		Horizontal
14412.00	*					54.00		Horizontal

- 1. Final Level =Receiver Read level + Antenna Factor + Cable Loss Preamplifier Factor
- 2. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 3. "\*", means this data is the too weak instrument of signal is unable to test.



Test channel: Middle channel

#### Peak value:

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4882.00	38.30	31.85	8.67	32.12	46.70	74.00	-27.30	Vertical
7323.00	32.49	36.37	11.72	31.89	48.69	74.00	-25.31	Vertical
9764.00	32.06	38.35	14.25	31.62	53.04	74.00	-20.96	Vertical
12205.00	*					74.00		Vertical
14646.00	*					74.00		Vertical
4882.00	42.79	31.85	8.67	32.12	51.19	74.00	-22.81	Horizontal
7323.00	34.34	36.37	11.72	31.89	50.54	74.00	-23.46	Horizontal
9764.00	31.58	38.35	14.25	31.62	52.56	74.00	-21.44	Horizontal
12205.00	*					74.00		Horizontal
14646.00	*					74.00		Horizontal

#### Average value:

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4882.00	26.95	31.85	8.67	32.12	35.35	54.00	-18.65	Vertical
7323.00	21.08	36.37	11.72	31.89	37.28	54.00	-16.72	Vertical
9764.00	20.09	38.35	14.25	31.62	41.07	54.00	-12.93	Vertical
12205.00	*					54.00		Vertical
14646.00	*					54.00		Vertical
4882.00	31.29	31.85	8.67	32.12	39.69	54.00	-14.31	Horizontal
7323.00	23.32	36.37	11.72	31.89	39.52	54.00	-14.48	Horizontal
9764.00	19.91	38.35	14.25	31.62	40.89	54.00	-13.11	Horizontal
12205.00	*					54.00		Horizontal
14646.00	*				_	54.00		Horizontal

- 1. Final Level =Receiver Read level + Antenna Factor + Cable Loss Preamplifier Factor
- 2. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 3. "\*", means this data is the too weak instrument of signal is unable to test.



Test channel: Highest channel

#### Peak value:

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4960.00	37.81	31.93	8.73	32.16	46.31	74.00	-27.69	Vertical
7440.00	32.16	36.59	11.79	31.78	48.76	74.00	-25.24	Vertical
9920.00	31.77	38.81	14.38	31.88	53.08	74.00	-20.92	Vertical
12400.00	*					74.00		Vertical
14880.00	*					74.00		Vertical
4960.00	42.20	31.93	8.73	32.16	50.70	74.00	-23.30	Horizontal
7440.00	33.96	36.59	11.79	31.78	50.56	74.00	-23.44	Horizontal
9920.00	31.24	38.81	14.38	31.88	52.55	74.00	-21.45	Horizontal
12400.00	*					74.00		Horizontal
14880.00	*					74.00		Horizontal

#### Average value:

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	polarization
4960.00	26.63	31.93	8.73	32.16	35.13	54.00	-18.87	Vertical
7440.00	20.86	36.59	11.79	31.78	37.46	54.00	-16.54	Vertical
9920.00	19.90	38.81	14.38	31.88	41.21	54.00	-12.79	Vertical
12400.00	*					54.00		Vertical
14880.00	*					54.00		Vertical
4960.00	30.93	31.93	8.73	32.16	39.43	54.00	-14.57	Horizontal
7440.00	23.08	36.59	11.79	31.78	39.68	54.00	-14.32	Horizontal
9920.00	19.68	38.81	14.38	31.88	40.99	54.00	-13.01	Horizontal
12400.00	*					54.00		Horizontal
14880.00	*					54.00		Horizontal

- 1. Final Level =Receiver Read level + Antenna Factor + Cable Loss Preamplifier Factor
- 2. The emission levels of other frequencies are very lower than the limit and not show in test report.
- 3. "\*", means this data is the too weak instrument of signal is unable to test.



### 7.2.3 Bandedge emissions

All of the restriction bands were tested, and only the data of worst case was exhibited.

Test channel:				Lowest channel				
Peak value:								
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	I LEVEL	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
2390.00	43.38	27.59	5.38	30.18	46.17	74.00	-27.83	Horizontal
2400.00	43.24	27.58	5.39	30.18	46.03	74.00	-27.97	Horizontal
2390.00	43.98	27.59	5.38	30.18	46.77	74.00	-27.23	Vertical
2400.00	42.33	27.58	5.39	30.18	45.12	74.00	-28.88	Vertical
Average val	Average value:							
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
2390.00	33.82	27.59	5.38	30.18	36.61	54.00	-17.39	Horizontal
2400.00	35.09	27.58	5.39	30.18	37.88	54.00	-16.12	Horizontal
2390.00	33.80	27.59	5.38	30.18	36.59	54.00	-17.41	Vertical
2400.00	36.78	27.58	5.39	30.18	39.57	54.00	-14.43	Vertical

Test channel:	Highest channel

#### Peak value:

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
2483.50	45.55	27.53	5.47	29.93	48.62	74.00	-25.38	Horizontal
2500.00	44.62	27.55	5.49	29.93	47.73	74.00	-26.27	Horizontal
2483.50	46.47	27.53	5.47	29.93	49.54	74.00	-24.46	Vertical
2500.00	45.67	27.55	5.49	29.93	48.78	74.00	-25.22	Vertical

#### Average value:

Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
2483.50	36.65	27.53	5.47	29.93	39.72	54.00	-14.28	Horizontal
2500.00	34.58	27.55	5.49	29.93	37.69	54.00	-16.31	Horizontal
2483.50	37.91	27.53	5.47	29.93	40.98	54.00	-13.02	Vertical
2500.00	34.54	27.55	5.49	29.93	37.65	54.00	-16.35	Vertical

<sup>1.</sup> Final Level = Receiver Read level + Antenna Factor + Cable Loss - Preamplifier Factor



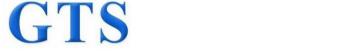
## 7.3 20dB Occupy Bandwidth

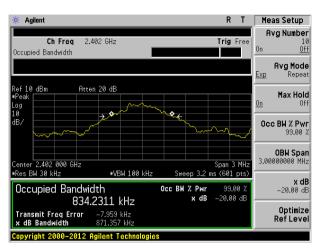
Test Requirement:	FCC Part15 C Section 15.249/15.215				
Test Method:	ANSI C63.10:2013				
Limit:	Operation Frequency range 2400MHz~2483.5MHz				
Test setup:	Spectrum Analyzer  E.U.T  Non-Conducted Table  Ground Reference Plane				
Test Instruments:	Refer to section 6.0 for details				
Test mode:	Refer to section 5.2 for details				
Test results:	Pass				

#### **Measurement Data**

Test channel	20dB bandwidth(MHz)	Result	
Lowest	0.871	Pass	
Middle	0.865	Pass	
Highest	0.865	Pass	

Test plot as follows:

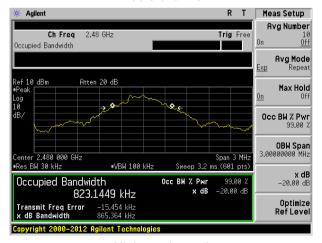




#### Lowest channel



#### Middle channel



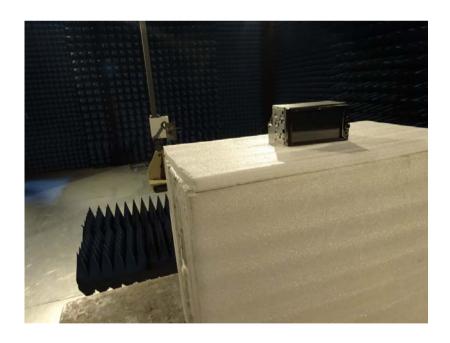
Highest channel



## 8 Test Setup Photo

Radiated Emission







## 9 EUT Constructional Details















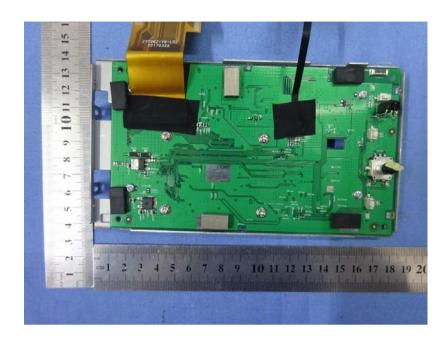


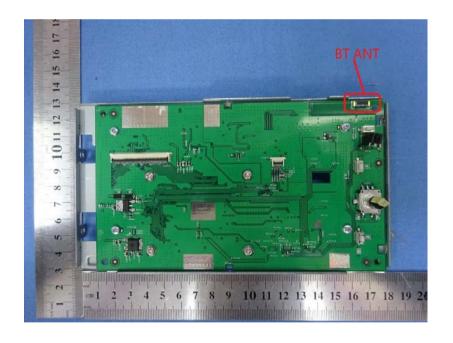




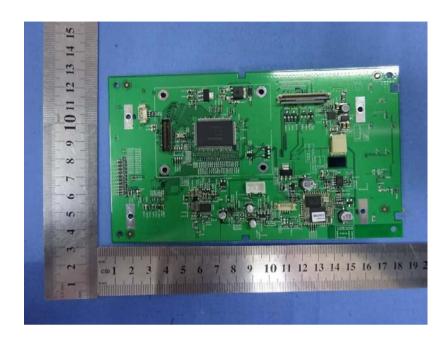


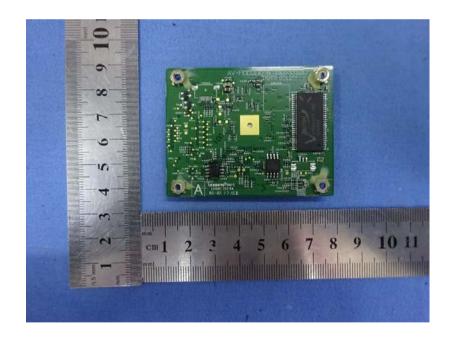




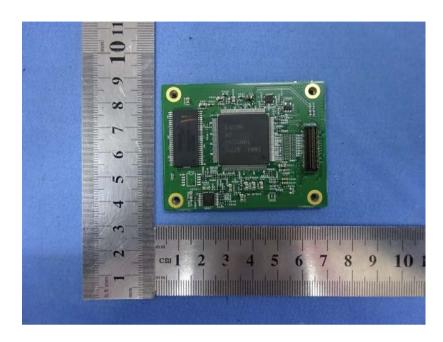








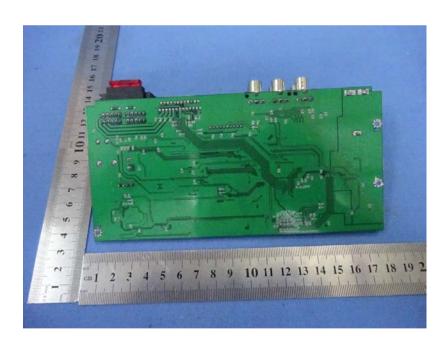
















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