



**World Standardization Certification & Testing CO., LTD**  
**World Standardization Safety and EMC Testing Centre**

## **FCC ID TEST REPORT**

for

**Remote and Playchuk Mini**

**MODEL: ASD766/FEL-2813/FEL-2814**

**FCC ID: TAZASD766**

**Test Report Number: WSCT10060174E**

**Issued Date: June 23, 2010**

Issued for

**Front Electronics (H.K.) Ltd.**

**Rm 2919, Asia Trade Centre, 79 Lei Muk Road, Kwai Chung, New  
Territories, Hong Kong**

Issued By:

**WORLD STANDARDIZATION CERTIFICATION & TESTING CO., LTD.**

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Revised:None

### Revision History Of Report

Rev.	Issue No.	Revisions	Effect Page	Revised By
00	WSCT10060174E	Initial Issue	ALL	Kallen Wang



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## 1 TEST CERTIFICATION

**Product:** Remote and Playchuk Mini  
**Model:** ASD766/FEL-2813/FEL-2814  
**Applicant:** **Front Electronics (H.K.) Ltd.**  
Rm 2919, Asia Trade Centre, 79 Lei Muk Road, Kwai Chung, New Territories,  
Hong Kong  
**Factory:** **Alliance Sales & Distribution Inc. Shenzhen Representative Office**  
Rm. 505,5/F, Fu Er Yuan Jian Business Center, Zone 25, Baoan District,  
Shenzhen, China  
**Trade Mark:** N/A  
**Tested:** June 09~15, 2010  
**Test Voltage:** DC 3.0 V  
**Applicable Standards:** FCC Part 15:Subpart C  
ANSI C63.4:2003

### Deviation from Applicable Standard

None

The above equipment has been tested by World Standardization Certification & Testing Co., Ltd., and found compliance with the requirements set forth in the technical standards mentioned above. The results of testing in this report apply only to the product/system, which was tested. Other similar equipment will not necessarily produce the same results due to production tolerance and measurement uncertainties.

**Tested By:** Eric Yang  
(Eric Yang)

**Date:** 2010-06-23

**Check By:** Kelly Wu  
(Kelly Wu)

**Date:** 2010-06-23

**Approved By:** Kallen Wang  
(Kallen Wang)

**Date:** 2010-06-23

## 2 TEST RESULT SUMMARY

Standard	Item	Result
FCC Part 15 Subpart C: Clause 15.249	Conducted emission Test	N/A
	Radiation Emission Test	PASS
	20dB bandwidth Test	PASS
	Band Edge Test	PASS

- Note:**
1. The test result judgment is decided by the limit of test standard
  2. The information of measurement uncertainty is available upon the customer's request.



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### 3 EUT DESCRIPTION

Product	Remote and Playchuk Mini
Trade Mark	N/A
Model	ASD766/FEL-2813/FEL-2814
Applicant	Front Electronics (H.K.) Ltd.
EUT Type	Prototype Sample.
Serial Number	N/A
Antenna Type	Integral Antenna
EUT Power Rating	DC 3.0 V
Temperature Range(Operating)	+15 ~+ 35℃
Type of the Equipment	Transmitter
Operating Frequency	2402MHz to 2480MHz
Number of Channels	79 Channels
Channel Separation	1MHz
Modulation type	FHSS(Frequency Hopping Spread Spectrum);
Dwell time	Each channel is less than 0.4S.

Note: N/A stand for no applicable.

### I/O PORT

I/O PORT TYPES	Q'TY	TESTED WITH
N/A	N/A	N/A

### Models difference

No.	Model Name	Tested With
1	ASD766	<input checked="" type="checkbox"/>
2	FEL-2808	<input type="checkbox"/>
3	FEL-2814	<input type="checkbox"/>

Note: All Models are identical except the model name. So the test data of ASD766 can represent the remaining models.

## 4 TEST METHODOLOGY

### 4.1. DECISION OF FINAL TEST MODE

The EUT was tested together with the below additional components, and configuration, which produced the worst emission levels, was selected and recorded in this report.

The measurement was performed at 3 axis for lie orientation, side orientation and stand orientation. The lie orientation is the worst mode, so only the worst mode test data was reported.

The following test mode was recorder in this report.

Test item	Test mode
Conducted emission Test	N/A
Radiation Emission Test	CH1, CH40, CH79
20dB bandwidth	CH1, CH79,
Band Edge Test	CH1, CH79,

### 4.2. EUT SYSTEM OPERATION

1. Set up EUT with the support equipments.
2. Make sure the EUT transmitting continuously during the test.



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## 5 SETUP OF EQUIPMENT UNDER TEST

### 5.1. DESCRIPTION OF SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

No.	Equipment	Model No.	Serial No.	FCC ID	Trade Name	Data Cable	Power Cord
1	N/A	N/A	N/A	N/A	N/A	N/A	N/A

**Note:**

- 1) All the equipment/cables were placed in the worst-case configuration to maximize the emission during the test.
- 2) Grounding was established in accordance with the manufacturer's requirements and conditions for the intended use.

### 5.2. CONFIGURATION OF SYSTEM UNDER TEST

EUT



## 6 FACILITIES AND ACCREDITATIONS

### 6.1. FACILITIES

All measurement facilities used to collect the measurement data are located at

**1-2/F, DaChong Science&Technology Building, No.28 of Tonggu Road,Nanshan District, ShenZhen.PRC**

The sites are constructed in conformance with the requirements of ANSI C63.4 and CISPR Publication 22. All receiving equipment conforms to CISPR Publication 16-1, "Radio Interference Measuring Apparatus and Measurement Methods."

### 6.2. ACCREDITATIONS

Our laboratories are accredited and approved by the following approval agencies according to ISO/IEC 17025.

<b>USA</b>	FCC (certificate registration number is 276008) TIMCO (certificate registration number is Q2001)
<b>Japan</b>	VCCI (certificate registration number is C-2912, R-2662)
<b>Germany</b>	TUV Rheinland
<b>Canada</b>	INDUSTRY CANADA (certificated registration number is 46405-7700)

Copies of granted accreditation certificates are available for downloading from our web site, <http://www.wsct.org.cn>

### 6.3. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

Measurement	Frequency		Uncertainty
Conducted emissions	9kHz~30MHz		+/- 3.59dB
Radiated emissions	Horizontal	30MHz ~ 200MHz	+/- 4.77dB
		200MHz ~1000MHz	+/- 4.93dB
	Vertical	30MHz ~ 200MHz	+/- 5.04dB
		200MHz ~1000MHz	+/- 4.93dB

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

## 7 TEST REQUIREMENTS

### 7.1. CONDUCTED EMISSION MEASUREMENT

#### 7.1.1. LIMITS

FREQUENCY (MHz)	Class B (dBuV)	
	Quasi-peak	Average
0.15 - 0.5	66 - 56	56 - 46
0.50 - 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.
- (3) All emanations from a class A/B digital device or system, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strengths specified above.

#### 7.1.2. TEST INSTRUMENTS

Conducted Emission Test Site				
Name of Equipment	Manufacturer	Model	Serial Number	Calibration Due
EMI Test Receiver	R&S	ESCI	100005	06/24/2010
LISN	AFJ	LS16	16010222119	09/29/2010
LISN(EUT)	Mestec	AN3016	04/10040	09/28/2010

- NOTE:** 1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to international system unit (SI).  
2. N.C.R = No Calibration Request.

#### 7.1.3. TEST PROCEDURES

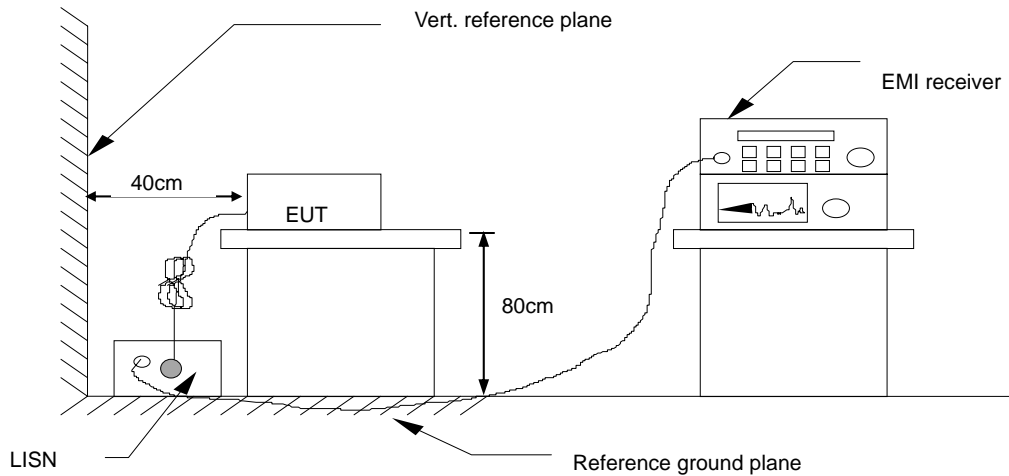
The EUT was put on a wooden table which was 0.8metre high above the ground and connected to the AC mains through a Artificial Mains Network (A.M.N). The mains lead in excess of 1 m separating the EUT from the AMN was folded back and forth parallel to the lead so as to form a bundle with a length of 0.3m to 0.4m. The EUT was kept 0.4m from any other earthed conducting surface. Both sides of AC line were checked to find out the maximum conducted emission levels according to the test procedure during conducted emission test.

The bandwidth of the test receiver (ESCI) was set at 9KHz.

The frequency range from 150 KHz to 30 MHz was investigated.

The test data of the worst-case condition(s) was recorded.

#### 7.1.4. TEST SETUP



For the actual test configuration, please refer to the related item – Photographs of the Test Configuration.

#### 7.1.5. Test Result

No applicable. Because this product is supplied power by battery.

## 7.2. Radiation Emission Test

### 7.2.1. Limits

According to 15.249 the field strength of emissions from intentional radiators operated under these frequencies bands shall not exceed the following:

Fundamental Frequency	Field Strength of Fundamental		Field Strength of Spurious	
	mV/meter	dBuV/meter	uV/meter	dBuV/meter
902-928MHz	50	94	500	54
2400-2483.5MHz	50	94	500	54
5725-5875MHz	50	94	500	54
24.0-24.25GHz	250	108	2500	68

The above field strength limits are specified at a distance of 3 meters. Emissions radiated outside of the specified bands,shall be according to the general radiated limits in 15.209 as following:

Frequencies (MHz)	Field strength uV/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

As shown in 15.35(b), for frequencies above 1000MHz,the field strength limits are based on average detector, however,the peak field strength of any emission shall not exceed the maximum permitted average limits,specified above by more than 20dB under any condition of modulation.

#### Frequency Range of Radiated Measurement

According to 15.33(a),the intentional radiator operates below 10GHz,must be meaused up to the tenth harmonic of the highest fundamental frequency or 40GHz,whichever is lower



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## 7.2.2. TEST INSTRUMENT

966 Chamber				
Name of Equipment	Manufacturer	Model	Serial Number	Calibration Due
EMI Test Receiver	ROHDE&SCHWARZ	ESCI	100005	06/24/2010
Spectrum Analyzer	R&S	FSU	100114	04/14/2011
Pre Amplifier	H.P.	HP8447E	2945A02715	06/24/2011
Pre-Amplifier	Compliance	PAM0118	1360976	06/04/2011
Bilog Antenna	SUNOL Sciences	JB3	A021907	06/10/2011
Horn Antenna	Compliance	CE18000	001	06/10/2011
Cable	TIME MICROWAVE	LMR-400	N-TYPE04	06/09/2011
Cable	TIME MICROWAVE	--	--	06/09/2011
System-Controller	CCS	N/A	N/A	N.C.R
Turn Table	CCS	N/A	N/A	N.C.R
Antenna Tower	CCS	N/A	N/A	N.C.R

### 7.2.3. Test procedure

The EUT was placed on a turn table which was 0.8 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT was set 3 meters away from the receiving antenna which was mounted on a antenna tower. At the frequency band of 30MHz to 1GHz, The measuring antenna moved up and down to find out the maximum emission level. It moved from 1 to 4 m for horizontal and vertical polarizations. The broadband antenna (calibrated by dipole antenna) was used as a receiving antenna. At the frequency band of 1GHz to 25GHz, The measuring antenna moved from 1 to 4 m for horizontal and vertical polarization. The horn antenna was used as a receiving antenna.

The resolution bandwidth and video bandwidth of the test receiver was 120 KHz and 300KHz for Quasi-peak detection at frequency below 1GHz.

The resolution bandwidth and video bandwidth of the test receiver was 1MHz and 3MHz for Peak emission measurement above 1GHz .

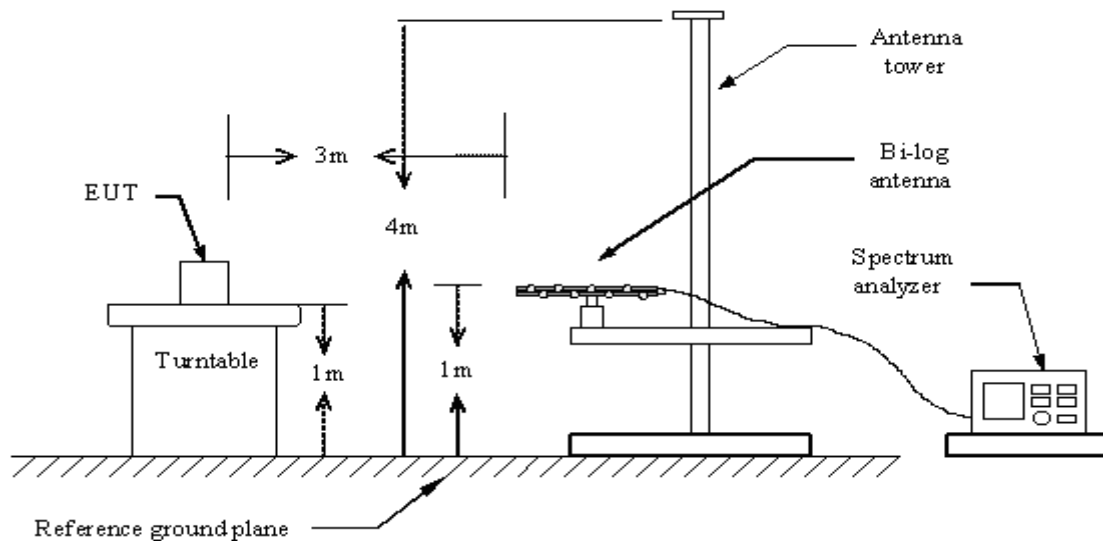
For Average emission above 1GHz ,AV level is calculated by formula  $AV \text{ level} = PK \text{ level} - |20 \log \text{duty cycle}|$  , and  $\text{duty cycle} = T_{on} / T_{period} = T_{on} / 100ms$ ,

The EUT was tested in Chamber Site.

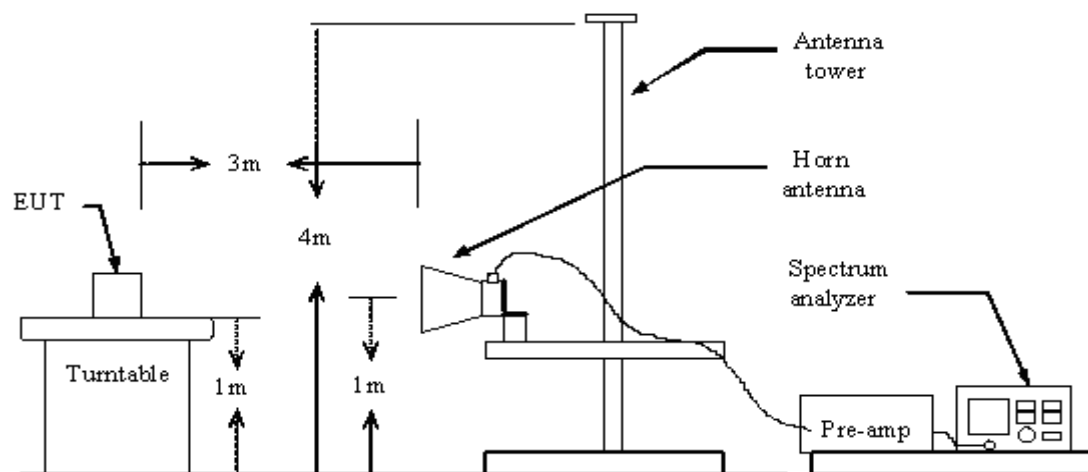
The test data of the worst case condition(s) was reported on the following pages.

## 7.2.4 Test setup diagram

### Below 1GHz



### Above 1GHz





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## 7.2.5.Test Result

### CH1 2402MHz test data

Frequency MHz	Reading Level dBμV/m	Factor dB	Emission Level dBμV/m	Over Limits dB	Limits dBμV/m	Note	Polarity	Result
2402.00	53.85	25.6	79.45	-34.55	114.00	PK	H	PASS
2402.00	--	25.6	--	--	94.00	AV	H	PASS
262.00	45.10	-3.60	41.50	-4.5	46.00	QP	H	PASS
450.53	44.18	-4.58	39.60	-6.4	46.00	QP	H	PASS
900.65	37.55	4.50	42.05	-3.95	46.00	QP	H	PASS
4804.00	20.20	32.60	52.80	-21.2	74.00	PK	H	PASS
4804.00	--	32.60	--	--	54.00	AV	H	PASS
7206.00	13.58	35.60	49.18	-24.82	74.00	PK	H	PASS
7206.00	--	35.60	--	--	54.00	AV	H	PASS
12010.00	11.69	38.43	50.12	-23.88	74.00	PK	H	PASS
12010.00	--	38.43	--	--	54.00	AV	H	PASS
2402.00	43.86	25.60	69.46	-44.54	114.00	PK	V	PASS
2402.00	--	25.60	--	--	94.00	AV	V	PASS
45.80	40.42	-5.40	35.02	-4.98	40.00	QP	V	PASS
250.12	43.92	-3.80	40.12	-5.88	46.00	QP	V	PASS
654.30	43.65	-4.20	39.45	-4.05	46.00	QP	V	PASS
4804.00	17.53	32.60	50.13	-23.87	74.00	PK	V	PASS
4804.00	--	32.60	--	--	54.00	AV	V	PASS
7206.00	14.00	34.60	48.60	-25.4	74.00	PK	V	PASS
7206.00	--	34.60	--	--	54.00	AV	V	PASS
12010.00	10.7	38.43	49.13	-24.87	74.00	PK	V	PASS
12010.00	--	38.43	--	--	54.00	AV	V	PASS

- Notes:
1. The readings were Quasi-Peak values below 1GHz.
  - 2.The readings were Peak values + Average values above1GHz
  3. Emission Level = Antenna Factor + Cable Loss + Meter Reading-Preamp factor
  4. AV level =PK level-|20logduty cycle|,for measurements above 1 GHz, the peak measured value complies with the average limit, it is unnecessary to perform an average measurement.
  5. The emission levels from 13GHz to 25GHz which not reported are too low against the limit.





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#### CH40 2441MHz test data

Frequency MHz	Reading Level dBμV/m	Factor dB	Emission Level dBμV/m	Over Limits dB	Limits dBμV/m	Note	Polarity	Result
2441.00	49.70	28.60	78.30	-35.70	114.00	PK	H	PASS
2441.00	--	28.60	--	--	94.00	AV	H	PASS
262.00	42.90	-3.60	39.30	-4.20	43.50	QP	H	PASS
450.53	43.00	-4.58	38.42	-7.58	46.00	QP	H	PASS
900.65	37.50	4.50	42.00	-4.00	46.00	QP	H	PASS
4882.00	17.85	32.95	50.80	-23.20	74.00	PK	H	PASS
4882.00	--	32.95	--	--	54.00	AV	H	PASS
7323.00	13.54	36.00	49.54	-24.46	74.00	PK	H	PASS
7323.00	--	36.00	--	--	54.00	AV	H	PASS
12205.00	12.00	39.20	51.20	-22.80	74.00	PK	H	PASS
12205.00	--	39.20	--	--	54.00	AV	H	PASS
2441.00	39.53	28.60	68.13	-45.87	114.00	PK	V	PASS
2441.00	--	--	--	--	94.00	AV	V	PASS
45.80	41.42	-5.40	36.02	-3.98	40.00	QP	V	PASS
250.12	44.06	-3.80	40.26	-3.24	43.50	QP	V	PASS
654.30	43.69	-4.20	39.49	-4.01	43.50	QP	V	PASS
4882.00	16.28	32.95	49.23	-24.77	74.00	PK	V	PASS
4882.00	--	32.95	--	--	54.00	AV	V	PASS
7323.00	15.03	36.00	51.03	-22.97	74.00	PK	V	PASS
7323.00	--	36.00	--	--	54.00	AV	V	PASS
12205.00	10.86	39.20	50.06	-23.94	74.00	PK	V	PASS
12205.00	--	39.20	--	--	54.00	AV	V	PASS

- Notes:
1. The readings were Quasi-Peak values below 1GHz.
  - 2.The readings were Peak values + Average values above1GHz
  3. Emission Level = Antenna Factor + Cable Loss + Meter Reading-Preamp factor
  4. AV level =PK level-|20logdutycycle|,for measurements above 1 GHz, the peak measured value complies with the average limit, it is unnecessary to perform an average measurement.
  5. The emission levels from 13GHz to 25GHz which not reported are too low against the limit.



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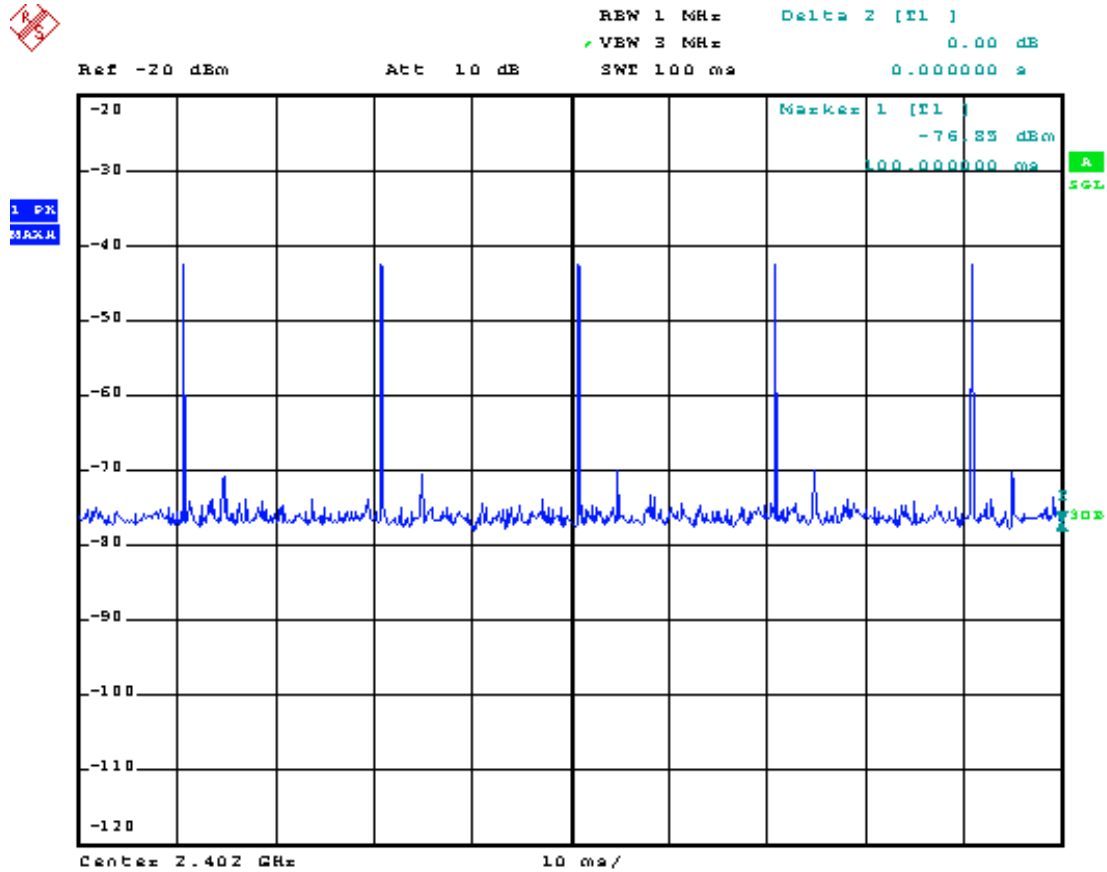
#### CH79 2480MHz test data

Frequency MHz	Reading Level dB $\mu$ V/m	Factor dB	Emission Level dB $\mu$ V/m	Over Limits dB	Limits dB $\mu$ V/m	Note	Polarity	Result
2480.00	51.97	30.05	82.02	-31.98	114.00	PK	H	PASS
2480.00	--	30.05	--	--	94.00	AV	H	PASS
262.00	43.40	-3.60	39.80	-3.70	43.50	QP	H	PASS
450.53	43.53	-4.58	38.95	-7.05	46.00	QP	H	PASS
900.65	37.64	4.50	42.14	-3.86	46.00	QP	H	PASS
4960.00	19.19	33.45	52.64	-21.36	74.00	PK	H	PASS
4960.00	--	33.45	--	--	54.00	AV	H	PASS
7440.00	14.01	36.30	50.31	-23.69	74.00	PK	H	PASS
7440.00	--	36.30	--	--	54.00	AV	H	PASS
12400.00	10.90	40.15	51.05	-22.95	74.00	PK	H	PASS
12400.00	--	40.15	--	--	54.00	AV	H	PASS
2480.00	42.05	30.05	72.10	-41.90	114	PK	V	PASS
2480.00	--	30.05	--	--	94	AV	V	PASS
45.80	41.34	-5.40	35.94	-4.06	40.00	QP	V	PASS
250.12	44.16	-3.80	40.36	-3.14	43.50	QP	V	PASS
654.30	43.70	-4.20	39.50	-4.00	43.50	QP	V	PASS
4960.00	16.03	33.45	49.48	-24.52	74.00	PK	V	PASS
4960.00	--	33.45	--	--	54.00	AV	V	PASS
7440.00	16.65	36.30	52.95	-21.05	74.00	PK	V	PASS
7440.00	--	36.30	--	--	54.00	AV	V	PASS
12400.00	11.30	40.15	51.45	-22.55	74.00	PK	V	PASS
12400.00	--	40.15	--	--	54.00	AV	V	PASS

- Notes:
1. The readings were Quasi-Peak values below 1GHz.
  2. The readings were Peak values + Average values above 1GHz
  3. Emission Level = Antenna Factor + Cable Loss + Meter Reading-Preamp factor
  4. AV level = PK level -  $20 \log(\text{duty cycle})$ , for measurements above 1 GHz, the peak measured value complies with the average limit, it is unnecessary to perform an average measurement.
  5. The emission levels from 13GHz to 25GHz which not reported are too low against the limit.

$$20\log(\text{duty cycle}) = 20\log(\text{Ton}/100\text{ms}) = 20\log(5 \times 0.56/100\text{ms}) = -31.06$$

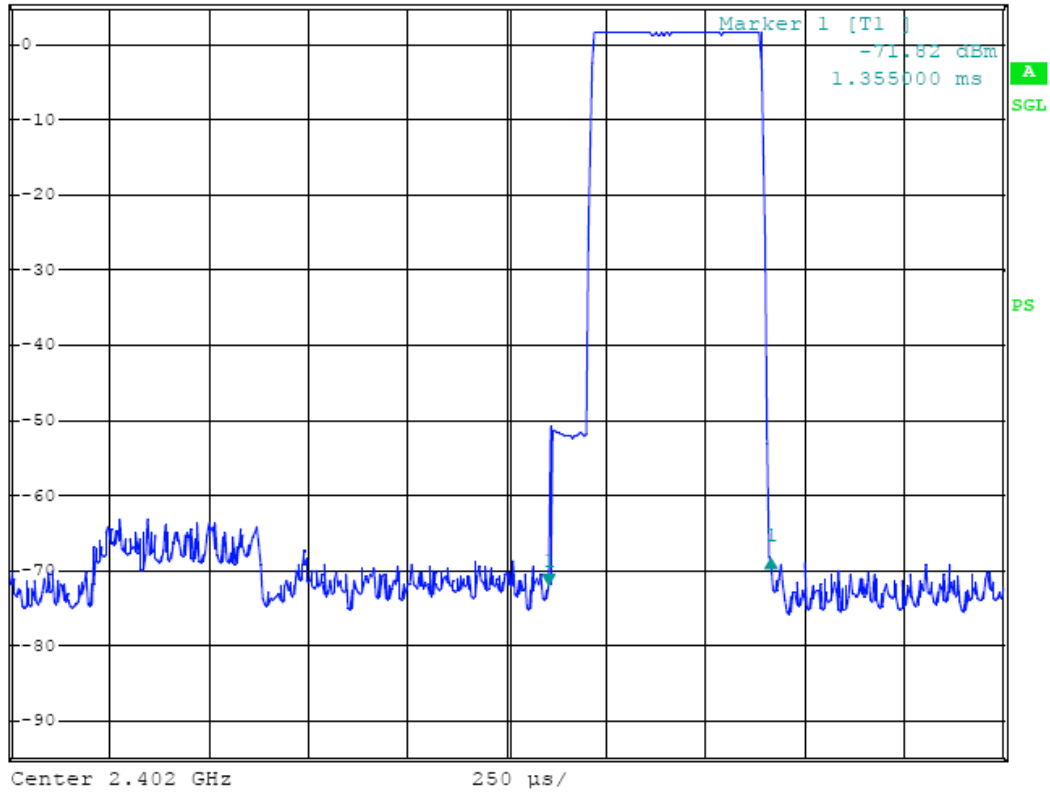
Test plots as following:





Ref 5 dBm      \*Att 20 dB      RBW 1 MHz      Delta 1 [T1 ]      VBW 3 MHz      3.50 dB      SWT 2.5 ms      560.000000  $\mu$ s

1 PK  
MAXH



### 7.3. 20dB bandwidth test

#### 7.3.1. Limits

According 15.215 (c),Intentional radiations operating under the alternative porvisions to the general emission limits,as contained in section 15.217 through 15.257 and in subpart E of this part,must be designed to ensure that the 20dB bandwidth of the emission, or whatever bandwidth may otherwise be specified in the specific rule section under which the equipment operates,is contained within the frequency band designated in the rule section under which the equipment is operated.

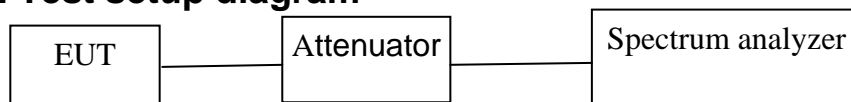
#### 7.3.2. TEST INSTRUMENT

Name of Equipment	Manufacturer	Model	Serial Number	Calibration Due
Spectrum Analyzer	R&S	FSU	100114	04/14/2011

#### 7.3.3. Test procedure

- 1.The EUT was placed on a turntable which is 0.8m above ground plane.
2. Set EUT as continuous transmitting mode.
3. Set the EUT work on the CH1, CH79 individually.
4. Set SPA Frequency = Operation frequency, for PK: RBW =100kHz, VBW=300kHz
5. Set SPA trace max hold, then view.

#### 7.3.4. Test setup diagram

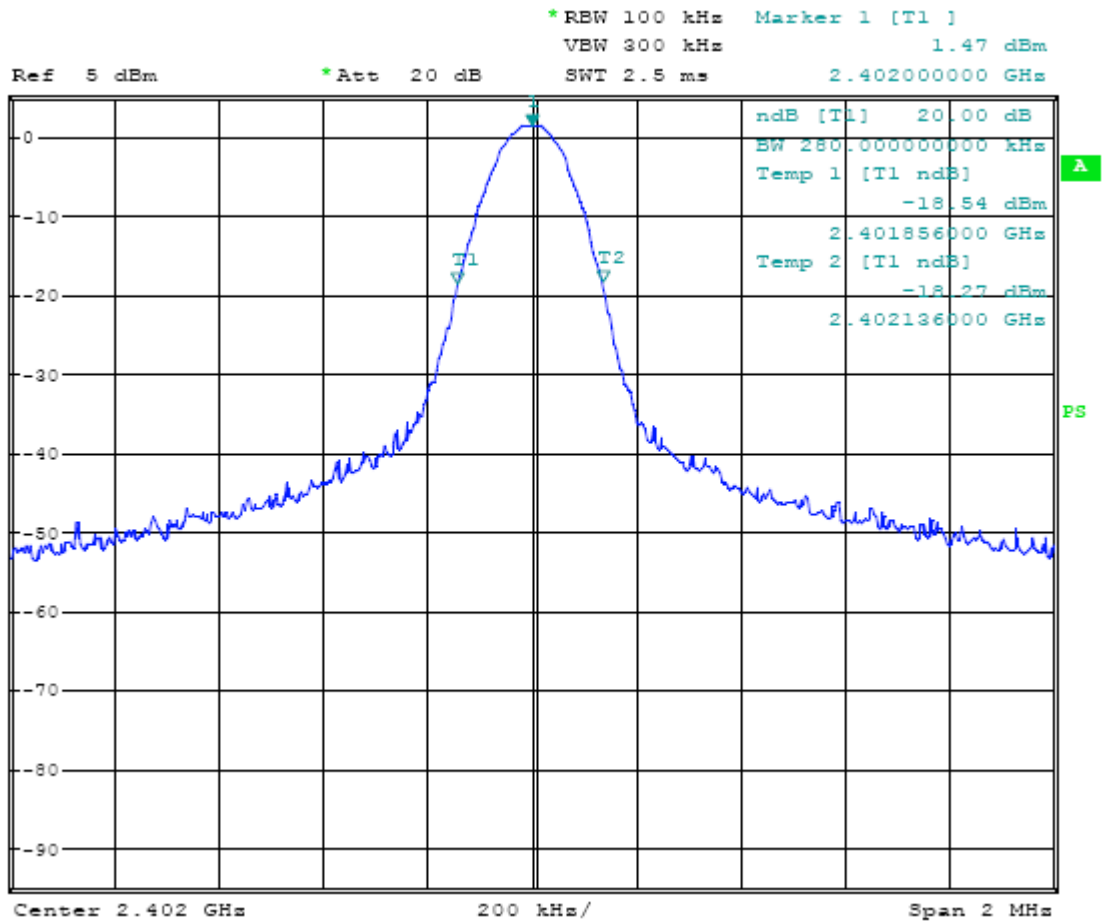


#### 7.3.5. Test result

Channel	Fundamental Frequency	20dB bandwidth Fstart/Fend	20dB bandwidth Limit	Result
01	2402 MHz	2401.85 MHz	2400.0 MHz	Pass
79	2480 MHz	2480.13 MHz	2483.5 MHz	Pass



1 PK  
VIEW



PS

A

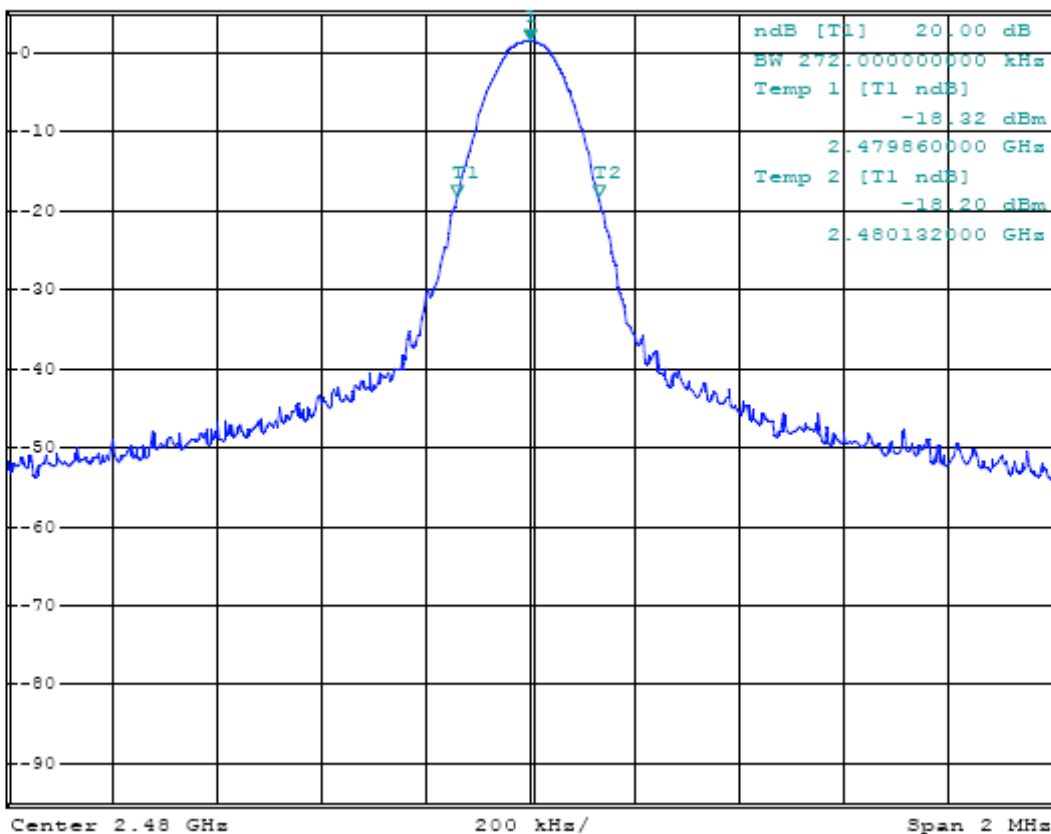


\*RBW 100 kHz Marker 1 [T1]  
 VBW 300 kHz 1.40 dBm  
 SWT 2.5 ms 2.480000000 GHz

Ref 5 dBm

\*Att 20 dB

1 PK  
 VIEW



## **7.4. Band edge test**

### **7.4.1. Limits**

According 15.249(d),Emsion radiated outside of the specified frequency bands,except for harmonics,shall be attenuated by at least 50dB below the level of the fundamental or to the general radiated emission limits in section 15.209, whichever is the lesser attenuation.

### **7.4.2. TEST INSTRUMENT**

Same as 7.2.2

### **7.4.3. Test procedure**

- 1.The EUT was placed on a turntable which is 0.8m above ground plane.
2. Set EUT as continuous transmitting mode.
3. Set the EUT work on the CH1, CH79individually.
4. Set SPA Frequency = Operation frequency, for PK: RBW =1MHz, VBW=3MHz  
for AV: AV level =PK level-|20logduty cycle|
5. Set SPA trace max hold, then view.

### **7.4.4. Test setup diagram**

Same as 7.2.4



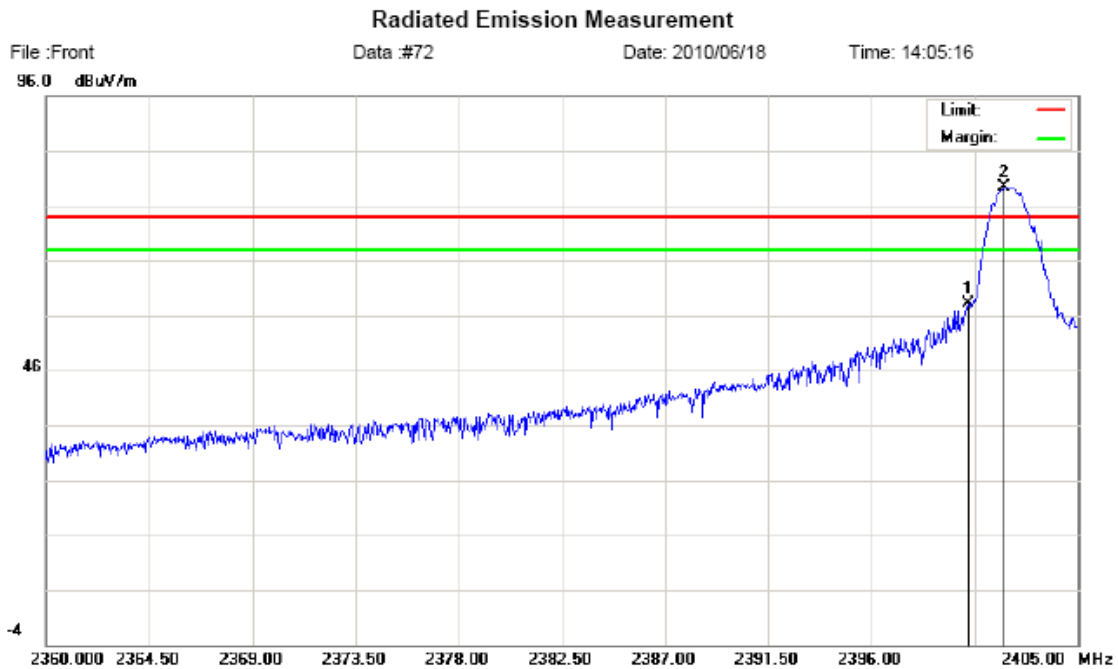
#### 7.4.5. Test result

Channel	Frequency MHz	Emission level dBuV/m	Limit dBuV/m	Polarity H/V	Remark	Result
CH01	2402.0	79.45	114	H	peak	Pass
	2402.0	--	94	H	AV	Pass
	2400.1	58.22	74	H	peak	Pass
	2400.1	27.16	54	H	AV	Pass
	2402.0	69.46	114	V	peak	Pass
	2402.0	--	94	V	AV	Pass
	2399.9	49.10	74	V	peak	Pass
	2399.9	--	54	V	AV	Pass
CH79	2480.0	82.02	114	H	peak	Pass
	2480.0	--	94	H	AV	Pass
	2483.6	55.24	74	H	peak	Pass
	2483.5	24.18	54	H	AV	Pass
	2480.0	72.10	114	V	peak	Pass
	2480.0	--	94	V	AV	Pass
	2483.5	48.68	74	V	peak	Pass
	2483.5	--	54	V	AV	Pass

Remark:

- 1.-- means to the peak emission level complies with the average limit, it is unnecessary to perform an average measurement of bandwidth edge .
- 2.AV level =PK level-|20logdutycycle|=PK level-31.06,

CH1 2402MHz



Site site #1	Polarization: <i>Horizontal</i>	Temperature: 26
Limit: FCC Part 15C >1G PK 3m Radiation	Power: DC 3.0V	Humidity: 58 %
EUT: Remote and/et PlaychukTM Mini	Distance: 3m	
M/N: ASD766		
Mode: CH02		
Note:		



Report reference No.:WSCT10060174E

Issued:June 23, 2010

Revised:None

### Radiated Emission Measurement

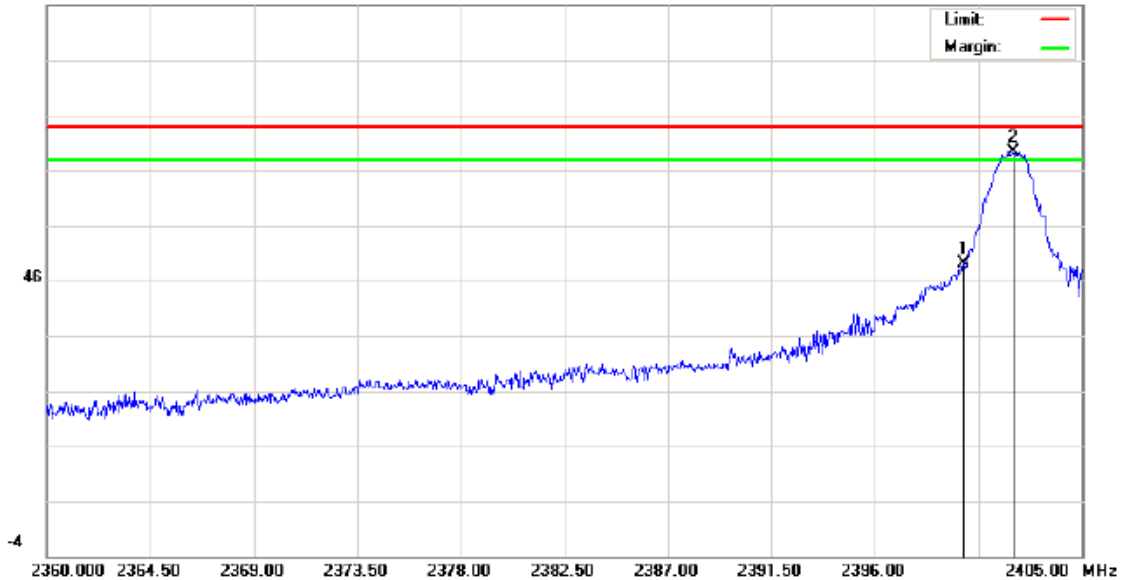
File :Front

Data :#73

Date: 2010/06/18

Time: 14:14:30

96.0 dB $\mu$ V/m



Site site #1

Polarization: *Vertical*

Temperature: 26

Limit: FCC Part 15C >1G PK 3m Radiation

Power: DC 3.0V

Humidity: 58 %

EUT: Remote and/et PlaychukTM Mini

Distance: 3m

M/N: ASD766

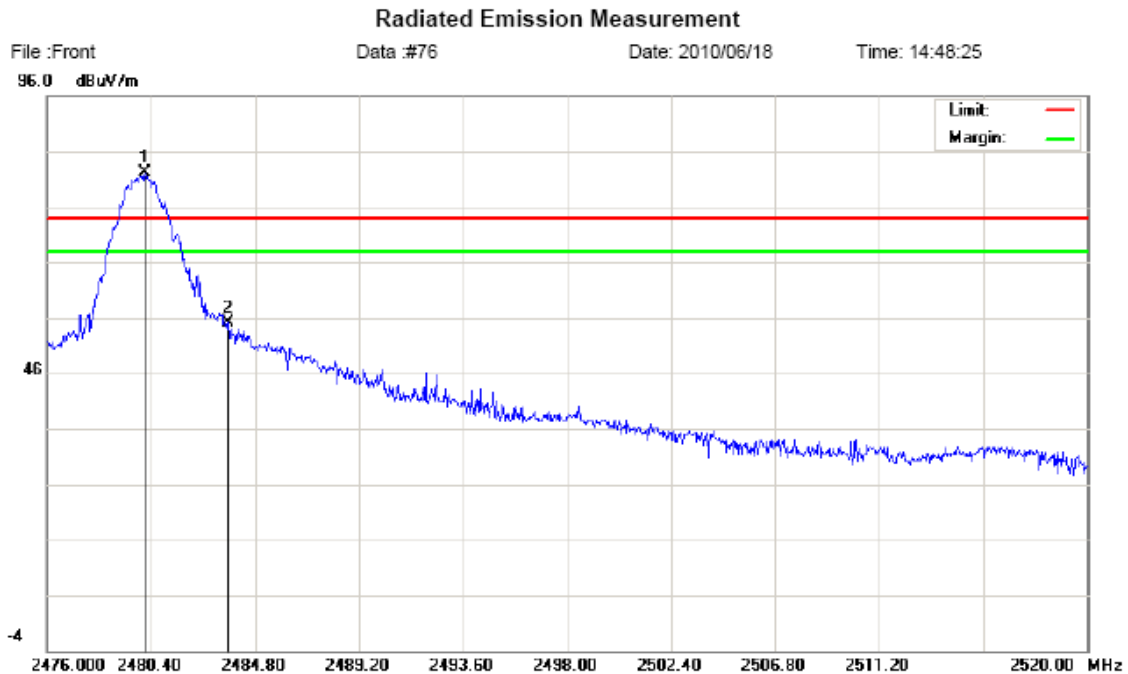
Mode: CH02

Note:



Report reference No.:WSCT10060174E  
Issued:June 23, 2010  
Revised:None

CH79 2480MHz



Site site #1	Polarization: <span style="color: blue;">Horizontal</span>	Temperature: 26
Limit: FCC Part 15C >1G PK 3m Radiation	Power: DC 3.0V	Humidity: 58 %
EUT: Remote and/et PlaychukTM Mini	Distance: 3m	
M/N: ASD766		
Mode: CH79		
Note:		



Report reference No.:WSCT10060174E

Issued:June 23, 2010

Revised:None

### Radiated Emission Measurement

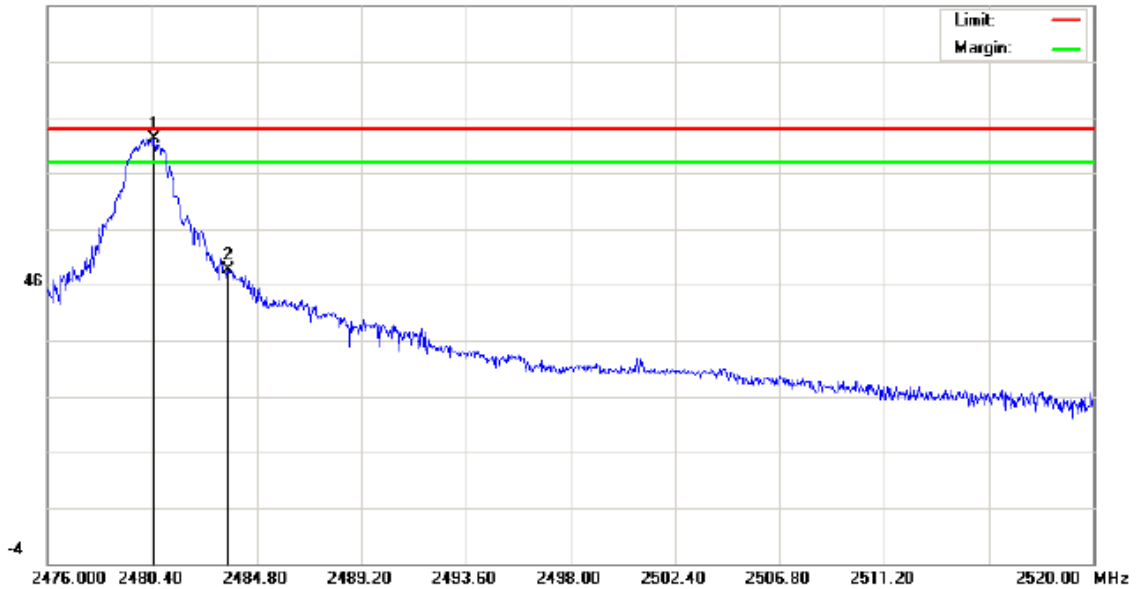
File :Front

Data :#77

Date: 2010/06/18

Time: 14:56:22

96.0 dBuV/m



Site site #1

Limit: FCC Part 15C >1G PK 3m Radiation

EUT: Remote and/et PlaychukTM Mini

M/N: ASD766

Mode: CH79

Note:

Polarization: Vertical

Power: DC 3.0V

Distance: 3m

Temperature: 26

Humidity: 58 %



Report reference No.:WSCT10060174E  
Issued:June 23, 2010  
Revised:None

## **8. Antenna requirement**

### **8.1. Standard applicable**

For intentional device, according to FCC 47 CFR Section 15.203, 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.

### **8.2.Antenna connected construction**

The antenna used in this product is PCB antenna and no consideration of replacement.