# RF TEST REPORT



Report No.: 15020952-FCC-R1 Supersede Report No.: N/A

Supersede Report No.: N/A			
Applicant	Beijing Jia An Electronics Technology Co,.Ltd.		
Product Name	BLE module		
Model No.	AN2640SA-B		
Serial No.	N/A		
Test Standard	FCC Part 15.	247: 2015, ANSI C63.10: 2013	
Test Date	November 17	to November 23, 2015	
Issue Date	November 24	,2015	
Test Result	Pass	Fail	
Equipment complied	d with the spe	cification	
Equipment did not o	comply with th	e specification	
Deon Dai		A gre Stoko	
Deon Dai Test Engineer		Herve Idoko Checked By	
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Test result presented in this test report is applicable to the tested sample only			

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### **Laboratories Introduction**

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**Accreditations for Conformity Assessment** 

Accreditations for combinity Assessment		
Country/Region	Scope	
USA	EMC, RF/Wireless, SAR, Telecom	
Canada	EMC, RF/Wireless, SAR, Telecom	
Taiwan	EMC, RF, Telecom, SAR, Safety	
Hong Kong	RF/Wireless, SAR, Telecom	
Australia	EMC, RF, Telecom, SAR, Safety	
Korea	EMI, EMS, RF, SAR, Telecom, Safety	
Japan	EMI, RF/Wireless, SAR, Telecom	
Singapore	EMC, RF, SAR, Telecom	
Europe	EMC, RF, SAR, Telecom, Safety	



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### 1. Report Revision History

Report No.	Report Version	Description	Issue Date
15020952-FCC-R1	NONE	Original	November 24,2015

### 2. Customer information

Applicant Name	Beijing Jia An Electronics Technology Co,.Ltd.	
Applicant Add	No.19 GuCheng West Street,Shi Jing Shan District,Beijing 100043, China	
Manufacturer	Beijing Jia An Electronics Technology Co,.Ltd.	
Manufacturer Add	No.19 GuCheng West Street,Shi Jing Shan District,Beijing 100043, China	

### 3. Test site information

Lab performing tests	SIEMIC (Nanjing-China) Laboratories
Lab Address	2-1 Longcang Avenue Yuhua Economic and
Lab Address	Technology Development Park, Nanjing, China
FCC Test Site No.	986914
IC Test Site No.	4842B-1
Test Software	Labview of SIEMIC version 1.0



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### 4. Equipment under Test (EUT) Information

Description of EUT:	BLE module
Main Model:	AN2640SA-B
Serial Model:	N/A
Date EUT received:	November 05, 2015
Test Date(s): Equipment Category:	November 17 to November 23, 2015 DTS
Antenna Gain:	BLE: 0 dBi
Type of Modulation:	BLE:GFSK
RF Operating Frequency (ies):	BLE: 2402-2480 MHz(TX/RX)
Max. Output Power:	4.789dBm
Number of Channels:	BLE: 40CH
Input Power:	DC 1.8V-3.8V
Port:	N/A
Trade Name :	N/A
FCC ID:	VVJ-AN2640SA-B



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### 5. Test Summary

The product was tested in accordance with the following specifications. All testing has been performed according to below product classification:

FCC Rules	Description of Test	Result
§15.203	Antenna Requirement	Compliance
§15.247 (a)(2)	DTS (6 dB) CHANNEL BANDWIDTH	Compliance
§15.247(b)(3)	Conducted Maximum Output Power	Compliance
§15.247(e)	Power Spectral Density	Compliance
§15.247(d)	Band-Edge & Unwanted Emissions into Non-Restricted Frequency Bands	Compliance
§15.207 (a),	AC Power Line Conducted Emissions	Compliance
§15.205, §15.209, §15.247(d)	Radiated Spurious Emissions & Unwanted Emissions into Restricted Frequency Bands	Compliance

#### Measurement Uncertainty

Emissions			
Test Item Description Uncertainty			
Band Edge and Radiated Spurious Emissions  Confidence level of approximately 95% (in the case where distributions are normal), with a coverage factor of 2 (for EUTs < 0.5m X 0.5m X 0.5m)		3.952dB	
-	-	-	



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#### 6. Measurements, Examination And Derived Results

#### 6.1 Antenna Requirement

#### Applicable Standard

According to § 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. 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 user of a standard antenna jack or electrical connector is prohibited. The structure and application of the EUT were analyzed to determine compliance with section §15.203 of the rules. §15.203 state that the subject device must meet the following criteria:

- a. Antenna must be permanently attached to the unit.
- b. Antenna must use a unique type of connector to attach to the EUT.

Unit must be professionally installed, and installer shall be responsible for verifying that the correct antenna is employed with the unit. And according to FCC 47 CFR section 15.247 (b), if the transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

#### **Antenna Connector Construction**

The EUT has 1 antennas:

A permanently attached PCB antenna for BLE, the gain is 0dBi for BLE.

The antenna meets up with the ANTENNA REQUIREMENT.

Result: Compliance.



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### 6.2 DTS (6 dB) Channel Bandwidth

Temperature	23°C
Relative Humidity	51%
Atmospheric Pressure	1018mbar
Test date :	November 17, 2015
Tested By:	Deon Dai

Spec	Item	Requirement	Applicable
§ 15.247(a)(2)	a) 6dB BW≥500kHz;		~
RSS Gen(4.6.1)	b)	99% BW: For FCC reference only; required by IC.	N/A
Test Setup		Spectrum Analyzer EUT	
Test Procedure	558074 D01 DTS MEAS Guidance v03r02, 8.1 DTS bandwidth  6dB Emission bandwidth measurement procedure  - Set RBW = 100 kHz Set the video bandwidth (VBW) ≥ 3 ′ RBW Detector = Peak Trace mode = max hold Sweep = auto couple Allow the trace to stabilize.  Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.		
Remark		•	
Result	Pas	s Fail	

Test Data	Yes	$\square_{N/A}$
Test Plot	Yes (See below)	□ <sub>N/A</sub>

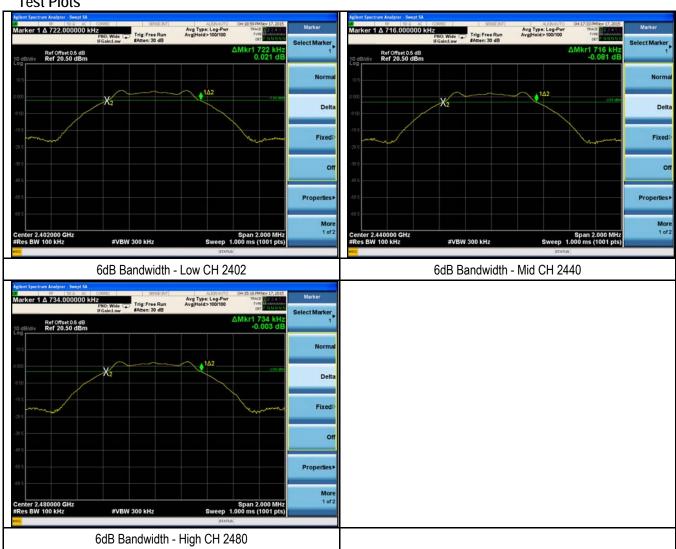


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#### 6dB Bandwidth measurement result **Test Data**

СН	Freq (MHz) 6dB Bandwidth (kHz	
Low	2402	722
Mid	2440	716
High	2480	734

### **Test Plots**





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### 6.3 Maximum Output Power

Temperature	23°C
Relative Humidity	51%
Atmospheric Pressure	1018mbar
Test date :	November 17, 2015
Tested By:	Deon Dai

Requirement(s):			
Spec	Item	Requirement	Applicable
	a)	FHSS in 2400-2483.5MHz with ≥ 75 channels: ≤1 Watt	
	b)	FHSS in 5725-5850MHz: ≤1 Watt	
§15.247(b) (2),RSS210	c)	c) For all other FHSS in the 2400-2483.5MHz band: ≤0.125 Watt.	
(A8.4)	d)	FHSS in 902-928MHz with ≥ 50 channels: ≤1 Watt	
	e)	FHSS in 902-928MHz with ≥ 25 & <50 channels: ≤0.25 Watt	
	f)	DSSS in 902-928MHz, 2400-2483.5MHz, 5725-5850MHz: ≤1 Watt	~
Test Setup	Spectrum Analyzer EUT		
Test Procedure	558074 D01 DTS MEAS Guidance v03r02, 9.1.2 Integrated band power method Maximum output power measurement procedure a) Set the RBW ≥ DTS bandwidth. b) Set VBW ≥ 3 × RBW. c) Set span ≥ 3 x RBW d) Sweep time = auto couple. e) Detector = peak. f) Trace mode = max hold. g) Allow trace to fully stabilize. h) Use peak marker function to determine the peak amplitude level.		
Remark			
Result	Pas	s Fail	

Test Data	Yes	□ <sub>N/A</sub>
Test Plot	Yes (See below)	□ <sub>N/A</sub>

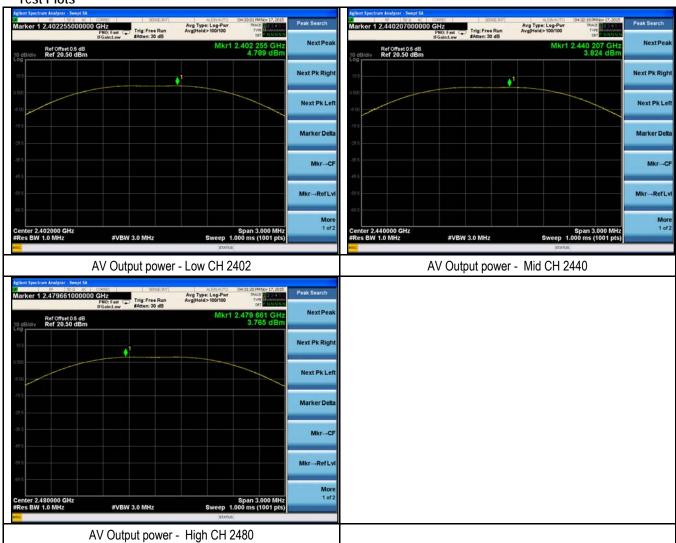
## Output Power measurement result Test Data

Туре	СН	Freq (MHz)	Conducted Power (dBm)	Limit (dBm)	Result
Output power	Low	2402	4.789	30	Pass
	Mid	2440	3.824	30	Pass
	High	2480	3.765	30	Pass



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#### **Test Plots**





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### 6.4 Power Spectral Density

Temperature	23°C
Relative Humidity	51%
Atmospheric Pressure	1018mbar
Test date :	November 17, 2015
Tested By:	Deon Dai

Spec	Item	Requirement	Applicable
§15.247(e)	The power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission.		
Test Setup		Spectrum Analyzer EUT	
Test Procedure	558074 D01 DTS MEAS Guidance v03r02, 10.2 power spectral density method power spectral density measurement procedure  - a) Set analyzer center frequency to DTS channel center frequency b) Set the span to 1.5 times the DTS bandwidth c) Set the RBW to: 3 kHz ≤ RBW ≤ 100 kHz d) Set the VBW ≥ 3 × RBW e) Detector = peak f) Sweep time = auto couple g) Trace mode = max hold h) Allow trace to fully stabilize i) Use the peak marker function to determine the maximum amplitude level within the RBW j) If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.		
Remark			
Result	Pass	s Fail	

Test Data	Yes	□ <sub>N/A</sub>
Test Plot	Yes (See below)	□ <sub>N/A</sub>

## Power Spectral Density measurement result Test Data

Туре	СН	Freq (MHz)	PSD (dBm)	Limit (dBm)	Result
	Low	2402	4.323	8	Pass
PSD	Mid	2440	3.380	8	Pass
	High	2480	3.262	8	Pass

**Test Plots** 



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### 6.5 Band-Edge & Unwanted Emissions into Non-Restricted Frequency Bands

Temperature	24°C
Relative Humidity	57%
Atmospheric Pressure	1015mbar
Test date :	November 18, 2015
Tested By:	Deon Dai

Requirement(s):

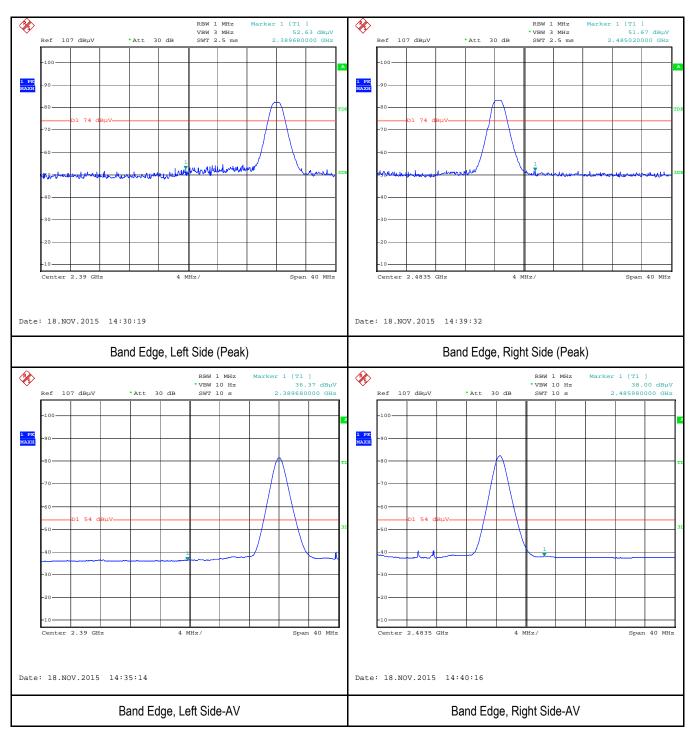
Requirement(s):					
Spec	Item	Requirement	Applicable		
§15.247(d)	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits.				
Test Setup		Ant. Tower  1-4m Variable  Support Units  Ground Plane  Test Receiver			
Test Procedure	-	Method Only  1. Check the calibration of the measuring instrument using either an internal calibra signal from an external generator.  2. Position the EUT without connection to measurement instrument. Put it on the R turn on the EUT and make it operate in transmitting mode. Then set it to Low Char Channel within its operating range, and make sure the instrument is operated in its 3. First, set both RBW and VBW of spectrum analyzer to 100 kHz with a convenier including 100kHz bandwidth from band edge, check the emission of EUT, if pass the Analyzer as below:  a. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer Quasiy Peak detection at frequency below 1GHz.  b. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video with Peak detection for Peak measurement at frequency above 1GHz.  c. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video with Peak detection for Average Measurement as below at frequency above 4. Measure the highest amplitude appearing on spectral display and set it as a refet the graph with marking the highest point and edge frequency.  5. Repeat above procedures until all measured frequencies were complete.	totated table and anel and High solinear range. In trequency span hen set Spectrum er is 120 kHz for bandwidth is 3MHz deo bandwidth is 1GHz.		
Remark					
Result	Pass	Fail			



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Test Data	Yes	□ <sub>N/A</sub>
Test Plot	Yes (See below)	□ <sub>N/A</sub>

#### Test Plots Band Edge measurement result



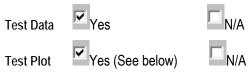


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### 6.6 AC Power Line Conducted Emissions

Temperature	22°C
Relative Humidity	59%
Atmospheric Pressure	1017mbar
Test date :	November 23, 2015
Tested By:	Deon Dai

Spec	Item	Requirement			Applicable
47CFR§15.20 7, RSS210 (A8.1)	a)	For Low-power radio-frequer public utility (AC) power line, onto the AC power line on ar to 30 MHz, shall not exceed 50 [mu] H/50 ohms line impeapplies at the boundary betw Frequency ranges (MHz)  0.15 ~ 0.5  0.5 ~ 5  5 ~ 30	the radio frequency voltage by frequency or frequencie the limits in the following to edance stabilization network ween the frequencies range	ge that is conducted back s, within the band 150 kHz able, as measured using a k (LISN). The lower limit	<u>&lt;</u>
			cal Ground	30	1
Test Setup		Note: 1.Support u 2.Both of LII		EUT and at least 80cm anes support units.	
Procedure	<ol> <li>The EUT and supporting equipment were set up in accordance with the requirements of the standard on top of a 1.5m x 1m x 0.8m high, non-metallic table.</li> <li>The power supply for the EUT was fed through a 50 [mu] H/50 EUT LISN, connected to filtered mains.</li> <li>The RF OUT of the EUT LISN was connected to the EMI test receiver via a low-loss coaxial cable.</li> <li>All other supporting equipment were powered separately from another main supply.</li> <li>The EUT was switched on and allowed to warm up to its normal operating condition.</li> <li>A scan was made on the NEUTRAL line (for AC mains) or Earth line (for DC power) over the required frequency range using an EMI test receiver.</li> <li>High peaks, relative to the limit line, The EMI test receiver was then tuned to the selected frequencies and the necessary measurements made with a receiver bandwidth setting of 10 kHz.</li> <li>Step 7 was then repeated for the LIVE line (for AC mains) or DC line (for DC power).</li> </ol>				
Remark					
Result	Pas	ss Fail			



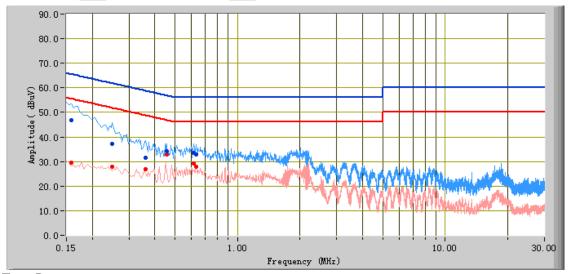


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Test Mode: Transmitting Mode

Peak Detector Average Detector Qu

Quasi Peak Limit Average Limit



#### Test Data

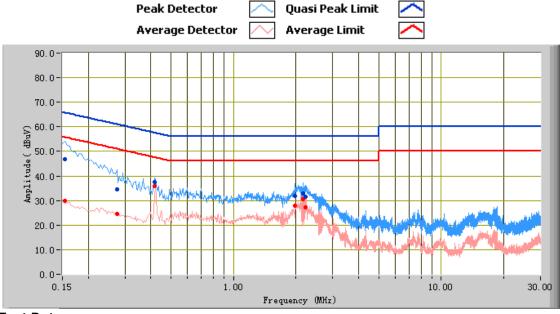
#### Phase Line Plot at 120Vac, 60Hz

1 11000 21110 1 100 00 120 100 1							
Frequency (MHz)	Quasi Peak (dBuV)	Limit (dBuV)	Margin (dB)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Factors (dB)
0.16	46.84	65.57	-18.73	29.64	55.57	-25.93	12.11
0.25	37.24	61.76	-24.51	27.90	51.76	-23.86	11.45
0.61	33.39	56.00	-22.61	29.29	46.00	-16.71	11.00
0.63	32.96	56.00	-23.04	27.86	46.00	-18.14	10.98
0.46	34.32	56.73	-22.40	32.91	46.73	-13.82	11.15
0.36	31.45	58.68	-27.24	26.94	48.68	-21.74	11.29



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Test Mode: Transmitting Mode



#### Test Data

#### Phase Neutral Plot at 120Vac, 60Hz

i mase weathar i lot at 120 vao, come							
Frequency (MHz)	Quasi Peak (dBuV)	Limit (dBuV)	Margin (dB)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Factors (dB)
0.15	46.75	65.78	-19.03	29.87	55.78	-25.91	12.15
0.27	34.43	61.00	-26.57	24.57	51.00	-26.43	11.42
0.42	37.39	57.49	-20.10	35.78	47.49	-11.71	11.19
2.16	33.03	56.00	-22.97	30.64	46.00	-15.36	10.92
1.98	31.96	56.00	-24.04	27.84	46.00	-18.16	10.91
2.21	31.54	56.00	-24.46	27.32	46.00	-18.68	10.92



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### 6.7 Radiated Spurious Emissions

Temperature	22°C
Relative Humidity	59%
Atmospheric Pressure	1017mbar
Test date :	November 18, 2015
Tested By :	Deon Dai

Requirement(s):

Spec	Item	Requirement		Applicable				
	a)	Except higher limit as specified elsewhere the low-power radio-frequency devices shat specified in the following table and the level exceed the level of the fundamental emissis band edges  Frequency range (MHz)	<b>V</b>					
		30 – 88	100					
		88 – 216	150					
47CFR§15.24		216 960	200					
•		Above 960	500					
7(d), RSS210 (A8.5)	b)	which the spread spectrum or digitally mod the radio frequency power that is produced least 20 dB or 30dB below that in the 100 k contains the highest level of the desired po						
	c)	or restricted band, emission must also comply with the radiated emission limits specified in 15.209						
Test Setup		Support Units  Turn Table  0.8/1.5m  Ground  Test Ro	d Plane eceiver	-				
Procedure	2.	<ol> <li>The test was carried out at the selected frequency points obtained from the EUT characterization.         Maximization of the emissions, was carried out by rotating the EUT, changing the antenna polarization, and adjusting the antenna height in the following manner:         <ol> <li>Vertical or horizontal polarization (whichever gave the higher emission level over a full rotation of the EUT) was chosen.</li> <li>The EUT was then rotated to the direction that gave the maximum emission.</li> </ol> </li> <li>c. Finally, the antenna height was adjusted to the height that gave the maximum emission.</li> </ol>						



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	Peak detection at frequency below 1GHz.  4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz with
	Peak detection for Peak measurement at frequency above 1GHz.  The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 10Hz with Peak detection for Average Measurement as below at frequency above 1GHz.  Steps 2 and 3 were repeated for the next frequency point, until all selected frequency points were measured.
Remark	
Result	Pass Fail
Test Data	Yes N/A
Test Plot	Yes (See below) N/A

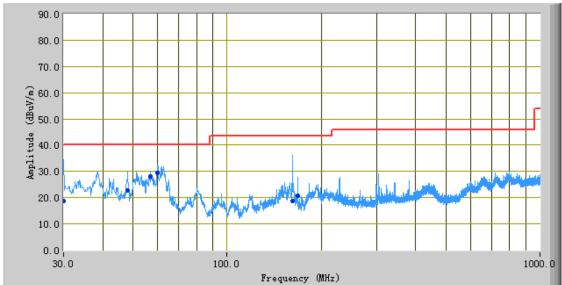


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Test Mode: Transmitting Mode

Peak Detector

Quasi Peak Limit



### Test Data

#### Vertical Polarity Plot @3m

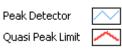
vertical Folding Flot @ 5111							
Frequency (MHz)	Quasi Peak (dBuV/m)	Azimuth	Polarity(H/ V)	Height (cm)	Factors (dB)	Limit (dBuV/m)	Margin (dB)
29.99	18.69	234.00	V	116.00	-24.20	40.00	-21.31
162.06	18.64	216.00	V	121.00	-31.41	43.50	-24.86
60.02	29.51	195.00	V	142.00	-37.42	40.00	-10.49
56.79	28.04	243.00	V	112.00	-36.50	40.00	-11.96
47.91	22.60	46.00	V	231.00	-33.49	40.00	-17.40
167.86	20.69	7.00	V	101.00	-31.51	43.50	-22.81

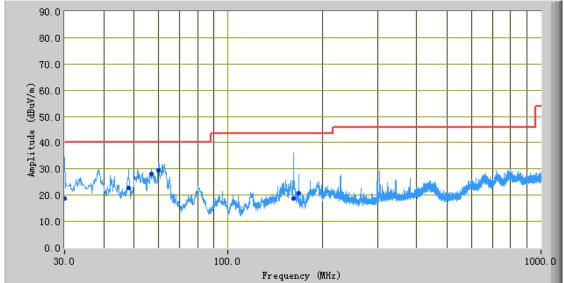


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Test Mode:

Transmitting Mode





#### Test Data

Horizontal Polarity Plot @3m

Honzontal Folding Flot Com							
Frequency (MHz)	Quasi Peak (dBuV/m)	Azimuth	Polarity(H/ V)	Height (cm)	Factors (dB)	Limit (dBuV/m)	Margin (dB)
62.66	29.26	194.00	Н	345.00	-37.74	40.00	-10.74
216.00	32.69	319.00	Н	157.00	-30.32	43.50	-10.81
228.32	31.22	267.00	Н	136.00	-29.38	46.00	-14.78
304.74	27.89	277.00	Н	104.00	-29.24	46.00	-18.11
56.79	25.15	174.00	Н	249.00	-37.98	40.00	-14.85
381.47	21.96	88.00	Н	139.00	-28.53	46.00	-24.04



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Test Mode: Transmitting Mode

Low Channel (2402 MHz)

_	marinor (2 i	·- ····,								
ı	Frequency	S.A.	Detector	Polarity	Ant.	Cable	Pre-Amp.	Cord.	Limit	Margin
ı	(MHz)	Reading	(PK/AV)	(H/V)	Factor	Loss	Gain	Amp.	(dBµV/m)	(dB)
l		(dBµV)			(dB/m)	(dB)	(dB)	(dBµV/m)		
	4804.00	76.52	AV	V	11.2	12.83	55	45.55	54	-8.45
	4804.00	72.04	AV	Н	11.2	12.83	55	41.07	54	-12.93
	4804.00	83.55	PK	V	11.2	12.83	55	52.58	74	-21.42
	4804.00	80.12	PK	Н	11.2	12.83	55	49.15	74	-24.85

Middle Channel (2440 MHz)

_										
	Frequency	S.A.	Detector	Polarity	Ant.	Cable	Pre-Amp.	Cord.	Limit	Margin
	(MHz)	Reading	(PK/AV)	(H/V)	Factor	Loss	Gain	Amp.	(dBµV/m)	(dB)
		(dBµV)			(dB/m)	(dB)	(dB)	(dBµV/m)		
	4882.00	74.32	AV	V	11.2	12.5	55	43.02	54	-10.98
	4882.00	73.29	AV	Н	11.2	12.5	55	41.99	54	-12.01
	4882.00	83.77	PK	V	11.2	12.5	55	52.47	74	-21.53
	4882.00	79.98	PK	Н	11.2	12.5	55	48.68	74	-25.32

High Channel (2480 MHz)

Frequency	S.A.	Detector	Polarity	Ant.	Cable	Pre-Amp.	Cord.	Limit	Margin
(MHz)	Reading	(PK/AV)	(H/V)	Factor	Loss	Gain	Amp.	(dBµV/m)	(dB)
	(dBµV)			(dB/m)	(dB)	(dB)	(dBµV/m)		
4960.00	74.35	AV	V	11.2	12.5	55	43.05	54	-10.95
4960.00	72.09	AV	Н	11.2	12.5	55	40.79	54	-13.21
4960.00	81.28	PK	V	11.2	12.5	55	49.98	74	-24.02
4960.00	80.37	PK	Н	11.2	12.5	55	49.07	74	-24.93



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### Annex A. TEST INSTRUMENT

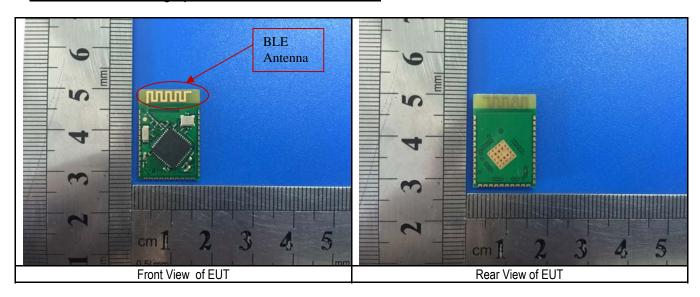
Instrument	Model	Serial #	Cal Date	Cal Due	In use
AC Line Conducted Emissions					
EMI test receiver	ESCS30	8471241027	09/18/2015	09/17/2016	>
Line Impedance Stabilization Network	LI-125A	191106	09/26/2015	09/25/2016	V
Line Impedance Stabilization Network	LI-125A	191107	09/26/2015	09/25/2016	•
LISN	ISN T800	34373	09/26/2015	09/25/2016	>
Double Ridge Horn Antenna (1 ~18GHz)	AH-118	71283	09/25/2015	09/24/2016	<b>&gt;</b>
Transient Limiter	LIT-153	531118	09/02/2015	09/01/2016	•
RF conducted test					
Agilent ESA-E SERIES SPECTRUM ANALYZER	E4407B	MY45108319	09/18/2015	09/17/2016	•
Power Splitter	1#	1#	09/02/2015	09/01/2016	~
DC Power Supply	E3640A	MY40004013	09/18/2015	09/17/2016	~
Radiated Emissions					
EMI test receiver	ESL6	100262	09/18/2015	09/17/2015	~
Positioning Controller	UC3000	MF780208282	11/15/2015	11/14/2016	~
OPT 010 AMPLIFIER (0.1-1300MHz)	8447E	2727A02430	09/02/2015	09/01/2016	V
Microwave Preamplifier (1 ~ 26.5GHz)	8449B	3008A02402	03/25/2015	03/24/2016	✓
Bilog Antenna (30MHz~6GHz)	JB6	A110712	09/22/2015	09/21/2016	•
Double Ridge Horn Antenna (1 ~18GHz)	AH-118	71283	09/25/2015	09/24/2016	<b>V</b>
Universal Radio Communication Tester	CMU200	121393	09/26/2015	09/25/2016	<b>V</b>



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### Annex B. EUT And Test Setup Photographs

### Annex B.i. Photograph: EUT External/Internal Photo



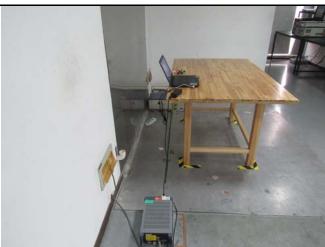


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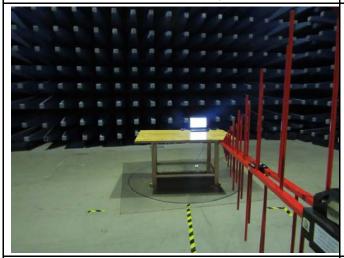
### Annex B.iii. Photograph: Test Setup Photo



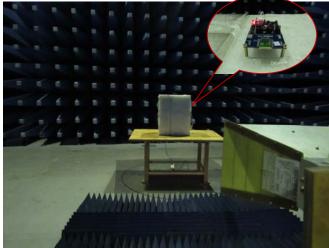
Conducted Emissions Test Setup Front View



Conducted Emissions Test Setup Side View



Radiated Spurious Emissions Test Setup Below 1GHz



Radiated Spurious Emissions Test Setup Above 1GHz

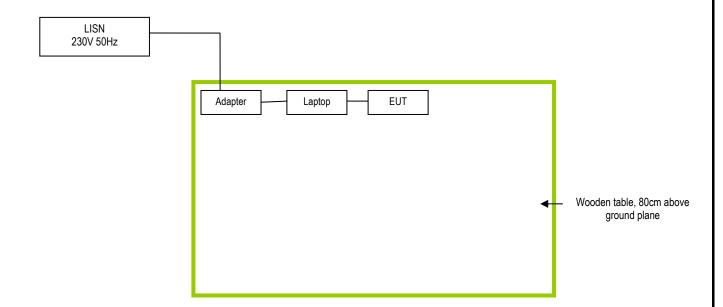


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### Annex C. TEST SETUP AND SUPPORTING EQUIPMENT

### Annex C.ii. TEST SET UP BLOCK

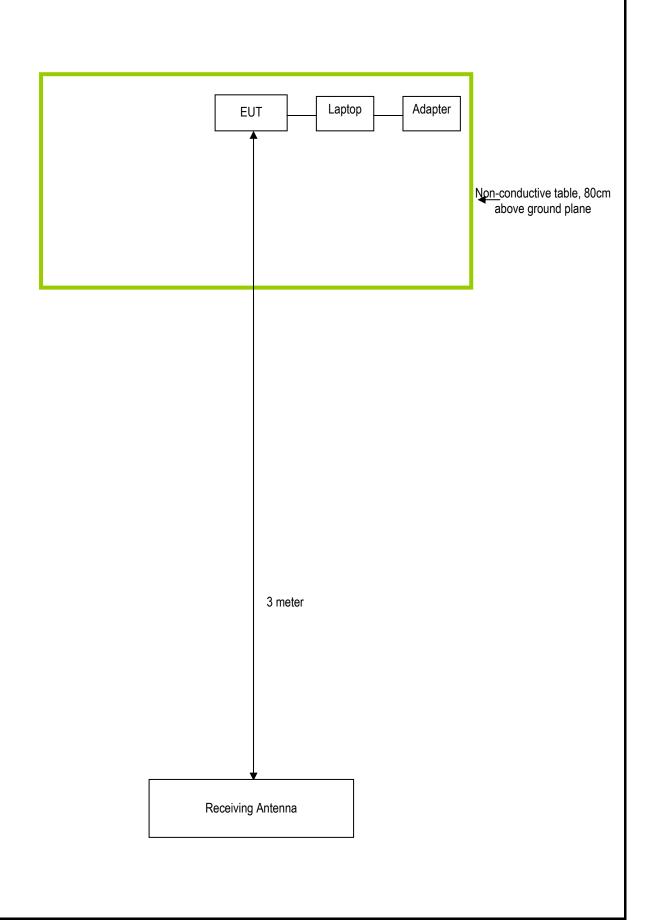
**Block Configuration Diagram for Conducted Emissions** 





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### Block Configuration Diagram for Radiated Emission





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### Annex C. il. SUPPORTING EQUIPMENT DESCRIPTION

The following is a description of supporting equipment and details of cables used with the EUT.

Manufacturer	Equipment Description	Model	Calibration Date	Calibration Due Date
Dell Inc	Laptop	DCSM	N/A	N/A



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## Annex D. User Manual / Block Diagram / Schematics / Partlist

Please see attachment



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### Annex E. DECLARATION OF SIMILARITY

N/A