

FCC Test Report

Report No.: AGC00285180401FE03

FCC ID : 2AK6I06-0080249

APPLICATION PURPOSE: Original Equipment

PRODUCT DESIGNATION: Wireless On-Ear Headset

BRAND NAME: CELLAIRIS

MODEL NAME : 06-0080249

CLIENT : Global Cellular Inc.

DATE OF ISSUE : May 31, 2018

STANDARD(S)

TEST PROCEDURE(S)

: FCC Part 15 Subpart C Section 15.249

REPORT VERSION 'V1.0

Attestation of Global Compliance (Shenzhen) Co., Ltd

CAUTION:

This report shall not be reproduced except in full without the written permission of the test laboratory and shall not be quoted out of context.



The results spower this jest report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at a true and the authenticity of the authenticity of

Attestation of Global Compliance

Tel: +86-755 2908 1955 Fax: +86-755 2600 8484 E-mail: agc@agc-cert.com @ 400 089 2118 Add: 2/F., Building 2, No.1-4,Chaxi Sanwei Technical Industrial Park,Gushu, Xixiang, Baoan District, Shenzhen, Guangdong China



age 2 of 62

Report Revise Record

Report Version	Revise Time	Issued Date	Valid Version	Notes
V1.0	plience / © Marie	May 07, 2018	Valid	Initial release

The results shown this jest report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by KGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.agc.gett.com.



TABLE OF CONTENTS

1. VERIFICATION OF CONFORMITY	
2.1. PRODUCT DESCRIPTION	5 5
3. MEASUREMENT UNCERTAINTY	6
4. DESCRIPTION OF TEST MODES	6
5. SYSTEM TEST CONFIGURATION	
5.1. CONFIGURATION OF EUT SYSTEM 5.2. EQUIPMENT USED IN EUT SYSTEM 5.3. SUMMARY OF TEST RESULTS	8 8
6. TEST FACILITY	
7.TEST METHOD	11
8. TEST EQUIPMENT LIST	11
9. RADIATED EMISSION	12
9.1TEST LIMIT 9.2. MEASUREMENT PROCEDURE 9.3. TEST SETUP 9.4. TEST RESULT	12
10. BAND EDGE EMISSION	38
10.1. MEASUREMENT PROCEDURE 10.2 TEST SETUP 10.3 RADIATED TEST RESULT	38 39
11. 20DB BANDWIDTH	43
11.1. MEASUREMENT PROCEDURE	43
12. FCC LINE CONDUCTED EMISSION TEST	
12.1. LIMITS OF LINE CONDUCTED EMISSION TEST	51 51 51
APPENDIX A: PHOTOGRAPHS OF TEST SETUP	52
ADDENDIV DE DUOTO OD ADUO OF FUT	



age 4 of 62

1. VERIFICATION OF CONFORMITY

Applicant	Global Cellular Inc.
Address	6485 Shiloh Rd., Building B-100 Alpharetta, Georgia 30005, United States
Manufacturer	SENMAI ELECTRON LIMITED
Address	WANGXIN ROAD, SHUILING INDUSTRIAL ZONE, ZHOUWU, DONGCHENG, DONGGUAN, CHINA.
Product Designation	Wireless On-Ear Headset
Brand Name	CELLAIRIS
Test Model	06-0080249
Date of test	Apr. 24, 2018 to May 07, 2018
Deviation	None San Market Company of the Compa
Condition of Test Sample	Normal State of the Control of the C
Report Template	AGCRT-US-BR/RF

We hereby certify that:

The above equipment was tested by Attestation of Global Compliance (Shenzhen) Co., Ltd. The test data, the energy emitted by the sample tested as described in this report is in compliance with the requirements of FCC Rules Part 15.249. The test results of this report relate only to the tested sample identified in this report.

Tested By	Tum Tuo				
	Tom Tuo(Tuo Dewei)	May 07, 2018			
Reviewed By	cual change				
	Cool Cheng(Cheng Mengguo)	May 31, 2018			
Approved By	Forresto ce				
NO	Forrest Lei(Lei Yonggang) Authorized Officer	May 31, 2018			

The results spowford this jest report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by XOC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at attp://www.ago.go.tt.com.



Page 5 of 62

2. GENERAL INFORMATION

2.1. PRODUCT DESCRIPTION

A major technical description of EUT is described as following

Operation Frequency	2.402 GHz to 2.480GHz
RF Output Power	3.02dBm(Max EIRP Power=Max radiation field-95.2)
Bluetooth Version	V4.1
Modulation	BR ⊠GFSK, EDR ⊠π /4-DQPSK, ⊠8DPSK BLE □GFSK
Number of channels	79 for BR/EDR
Hardware Version	Ver2.0
Software Version	Ver1.0
Antenna Designation	PCB Antenna
Antenna Gain	0dBi
Power Supply	DC 3.7V by battery
Alle	ally used for charging and can't be used to transfer data with PC. of EUT didn't work when charging.

2.2. TABLE OF CARRIER FREQUENCYS

BR/EDR channel List

Frequency Band	Channel Number	Frequency
70	0 15 15 15 15 15 15 15 15 15 15 15 15 15	2402MHz
	-G1	2403MHz
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	38	2440 MHz
2400~2483.5MHz	39	2441 MHz
	40 0	2442 MHz
		· · · · · · · · · · · · · · · · · · ·
	77	2479 MHz
See Manufacturance	78	2480 MHz



Page 6 of 62

3. MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement y ±U, where expended uncertainty U is based on a standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95%.

- Uncertainty of Conducted Emission, Uc = ±3.2 dB
- Uncertainty of Radiated Emission below 1GHz, Uc = ±3.9 dB
- Uncertainty of Radiated Emission above 1GHz, Uc = ±4.8 dB

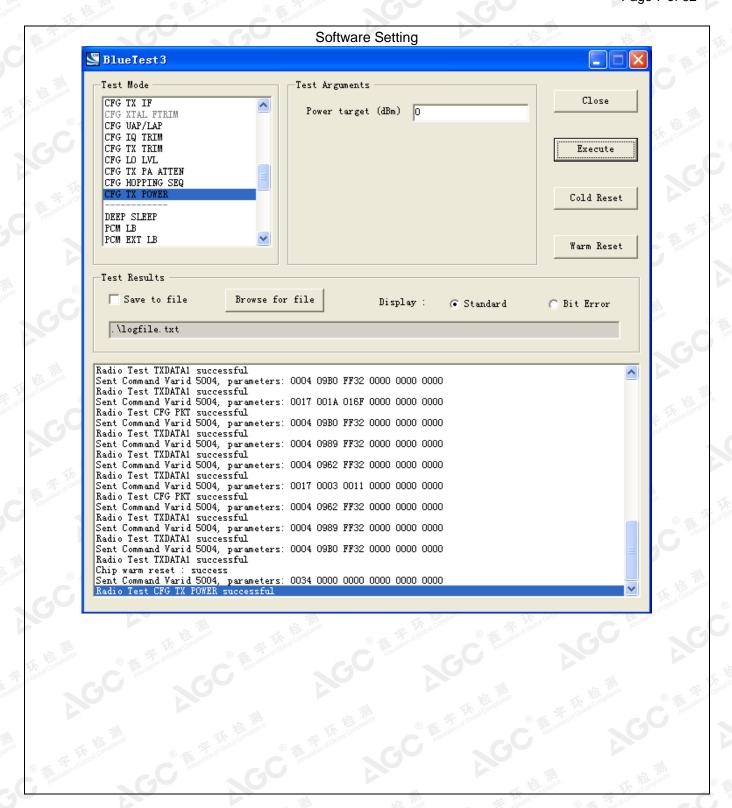
4. DESCRIPTION OF TEST MODES

NO.	TEST MODE DESCRIPTION			
® Andrews	Low channel GFSK			
2 2	Middle channel GFSK			
3	High channel GFSK			
· 4 、 6	Low channel π /4-DQPSK			
© \$5,00 d Cloos	Middle channel π /4-DQPSK			
6	High channel π /4-DQPSK			
7	Low channel 8DPSK			
# The comment of the second	Middle channel 8DPSK			
90	High channel 8DPSK			
10	BT Link			
700				

Note

- 1. All the test modes can be supply by battery, only the result of the worst case was recorded in the report, if no other cases.
- 2. For Radiated Emission, 3axis were chosen for testing for each applicable mode.
- 3. The EUT used fully-charged battery when tested.





The results spound this jest report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by (CC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at a titp://www.agc.gatt.com.



age 8 of 62

5. SYSTEM TEST CONFIGURATION 5.1. CONFIGURATION OF EUT SYSTEM

Configure 1: (Normal hopping)

EUT

Configure 2: (Control continuous TX)

	£	ball
EUT	Control box	PC

5.2. EQUIPMENT USED IN EUT SYSTEM

Item	Equipment	Mfr/Brand	Model/Type No.	Remark
1	Wireless On-Ear Headset	CELLAIRIS	06-0080249	EUT
2	Battery	VDL VDL	503035	Accessory
3	PC	APPLE	A1465	A.E
4	Control box	CSR	N/A	A.E
5	USB Cable	N/A	1m unshielded	A.E
6	AUX in Cable	N/A	1m unshielded	A.E

The results showed the sample (s) tested unless otherwise stated and the sample (s) are retained for 30 days only. The document is issued by (SC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at attp://www.ago-gent.com.



Page 9 of 62

5.3. SUMMARY OF TEST RESULTS

FCC RULES	DESCRIPTION OF TEST	RESULT	
§15.249(a) §15.209	Radiated Emission	Compliant	
§15.249(d)	Band Edges	Compliant	
§15.207	Conduction Emission	N/A	
§15.215	Bandwidth	Compliant	

Note: N/A means it's not applicable to this item.



Page 10 of 62

6. TEST FACILITY

Test Site	Attestation of Global Compliance (Shenzhen) Co., Ltd
Location	1-2F., Bldg.2, No.1-4, Chaxi Sanwei Technical Industrial Park, Gushu, Xixiang, Bao'an District B112-B113, Bldg.12, Baoan Bldg Materials Center, No.1 of Xixiang Inner Ring Road, Baoan District, Shenzhen 518012
NVLAP Lab Code	600153-0
Designation Number	CN5028
Test Firm Registration Number	682566
Description	Attestation of Global Compliance(Shenzhen) Co., Ltd is accredited by National Voluntary Laboratory Accreditation program, NVLAP Code 600153-0



age 11 of 62

7. TEST METHOD

All measurements contained in this report were conducted with ANSI C63.10-2013

8. TEST EQUIPMENT LIST

TEST EQUIPMENT OF CONDUCTED EMISSION TEST

Equipment	Manufacturer	Model	S/N	Cal. Date	Cal. Due
TEST RECEIVER	R&S	ESPI	101206	Jun.20, 2017	Jun.19, 2018
LISN	R&S	ESH2-Z5	100086	Aug.21, 2017	Aug.20, 2018

TEST EQUIPMENT OF RADIATED EMISSION TEST

Equipment	Manufacturer	Model	S/N	Cal. Date	Cal. Due
TEST RECEIVER	R&S	ESCI	10096	Jun.20, 2017	Jun.19, 2018
EXA Signal Analyzer	Aglient	N9010A	MY53470504	Dec.08, 2017	Dec.07, 2018
Horn antenna	SCHWARZBECK	BBHA 9170	#768	Sep.20, 2017	Sep.19, 2018
preamplifier	ChengYi	EMC184045SE	980508	Sep.15, 2017	Sep.14, 2018
Double-Ridged Waveguide Horn	ETS LINDGREN	3117	00034609	May 18, 2017	May 17, 2019
Broadband Preamplifier	SCHWARZBECK	BBV 9718	9718-205	Jun.20, 2017	Jun.19, 2018
ANTENNA	SCHWARZBECK	VULB9168	D69250	Sep.28, 2017	Sep.27, 2018
Loop Antenna	A.H.Systems,Inc	SAS-562B	C Ame	Mar. 01, 2018	Feb. 28, 2019
Radiation Cable 1	MXT	RS1	R005	June 6, 2017	June 5, 2018
Radiation Cable 2	MXT	RS1	R006	June 6, 2017	June 5, 2018
Filter (2.4-2.483GHz)	Micro-tronics	087		Jun.20, 2017	Jun.19, 2018



Page 12 of 62

9. RADIATED EMISSION

9.1TEST LIMIT

Standard FCC15.249

Fundamental	Field Strength of Fundamental	Field Strength of Harmonics
Frequency	(millivolts/meter)	(microvolts/meter)
900-928MHz	50	500
2400-2483.5MHz	50	500
5725-5875MHz	50	500
24.0-24.25GHz	250	2500

Standard FCC 15.209

Frequency	Distance	Field Strengths Limit						
(MHz)	Meters	μ V/m	dB(μV)/m					
0.009 ~ 0.490	300	2400/F(kHz)	9					
0.490 ~ 1.705	30	24000/F(kHz)	技訓					
1.705 ~ 30	30	30 (1)	E Cobaco (Color of Color of Co					
30 ~ 88	3 F 1000	100	40.0					
88 ~ 216	3 - 6	150	43.5					
216 ~ 960	3	200	46.0					
960 ~ 1000	3	500	54.0					
Above 1000	3. I	Other:74.0 dB(μV)/m (Average)	(Peak) 54.0 dB(μV)/m					

Remark:

- (1) Emission level dB μ V = 20 log Emission level μ V/m
- (2) The smaller limit shall apply at the cross point between two frequency bands.
- (3) Distance is the distance in meters between the measuring instrument, antenna and the closest point of any part of the device or system.



Page 13 of 62

9.2. MEASUREMENT PROCEDURE

- 1. The measuring distance of 3m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation(Below 1GHz)
- 2. The measuring distance of 3m shall used for measurements. The EUT was placed on the top of a rotating table 1.5 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation(Above 1GHz)
- The height of the test antenna shall vary between 1m to 4m.Both horizontal and vertical polarization Of the antenna are set to make the measurement.
- 4. The initial step in collecting radiated emission data is a receive peak detector mode. Pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- 5. All readings are peak unless otherwise stated QP in column of Note. Peak denoted that the Peak reading compliance with the QP limits and then QP Mode measurement didn't perform(Below 1GHz)
- 6. All readings are Peak mode value unless otherwise stated AVG in column of Note. If the Peak mode measured value compliance with the Peak limits and lower than AVG Limits, the EUT shall be deemed to meet Peak & AVG limits and then only Peak mode was measured, but AVG mode didn't perform.(Above 1GHz)

The results spound this jest report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by XCC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at attp://www.ago.go.tt.com.



Page 14 of 62

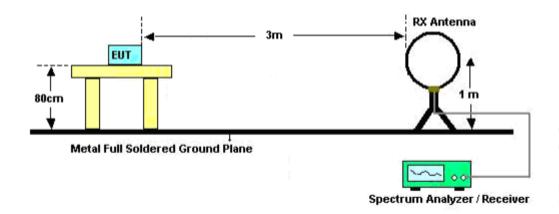
The following table is the setting of spectrum analyzer and receiver.

Spectrum Parameter	Setting
Start ~Stop Frequency	9KHz~150KHz/RB 200Hz for QP
Start ~Stop Frequency	150KHz~30MHz/RB 9KHz for QP
Start ~Stop Frequency	30MHz~1000MHz/RB 120KHz for QP
Start ~Stop Frequency	Fundamental: 2.4~2.483GHz RBW 2MHz/ VBW 6MHz for Peak, RBW 2MHz/ VBW 10Hz for Average Harmonics: 1GHz~25GHz RBW 1MHz/ VBW 3MHz for Peak, RBW 1MHz/ VBW 10Hz for Average
Receiver Parameter	Setting
Start ~Stop Frequency	9KHz~150KHz/RB 200Hz for QP
Start ~Stop Frequency	150KHz~30MHz/RB 9KHz for QP
Start ~Stop Frequency	30MHz~1000MHz/RB 120KHz for QP

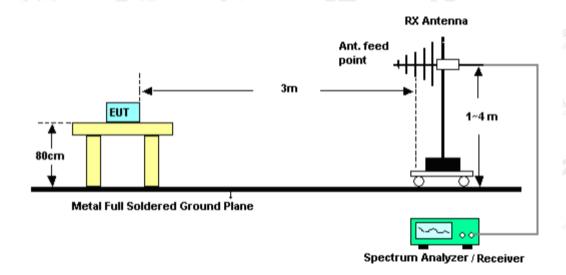


9.3. TEST SETUP

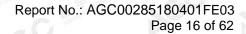
Radiated Emission Test-Setup Frequency Below 30MHz



RADIATED EMISSION TEST SETUP 30MHz-1000MHz

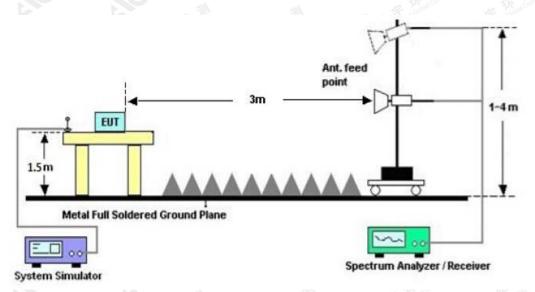


The results spoured this jest report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by XOC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at attp://www.ago.go.tt.com.





RADIATED EMISSION TEST SETUP ABOVE 1000MHz





Page 17 of 62

9.4. TEST RESULT

FOR BR/EDR

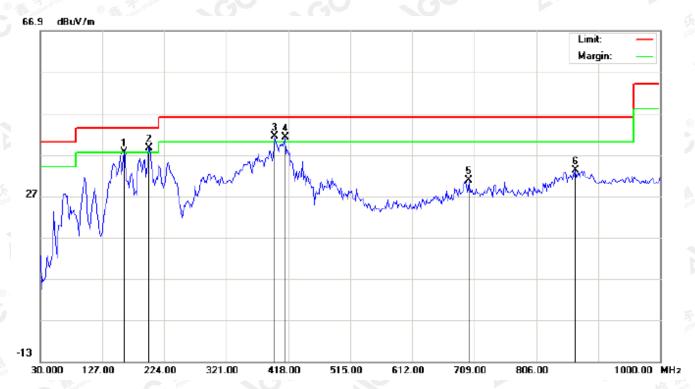
(Worst modulation: GFSK)

RADIATED EMISSION BELOW 30MHz

No emission found between lowest internal used/generated frequencies to 30MHz.

RADIATED EMISSION BELOW 1GHz

RADIATED EMISSION TEST- (30MHz-1GHz)-LOW CHANNEL-HORIZONTAL



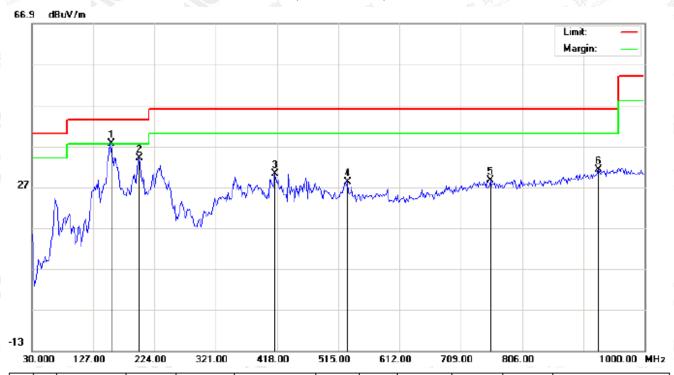
N	lo.	Mk	Freq.	Reading	Factor	Measurement	Limit	Over	Detector	Antenna Height	Table Degree	Comment
		-	MHz	dBu∀	dB/m	dBu∀/m	dBu∀/m	dB		cm	degree	
<u>-</u> [1	į	160.9499	27.31	10.37	37.68	43.50	-5.82	peak			
35	2	ļ	199.7500	26.69	11.99	38.68	43.50	-4.82	peak			
	3	*	396.9832	22.26	19.05	41.31	46.00	-4.69	peak			
	4	ļ	413.1499	21.70	19.47	41.17	46.00	-4.83	peak			
	5		700.9166	5.50	25.25	30.75	46.00	-15.25	peak			
(6		867.4333	5.47	27.76	33.23	46.00	-12.77	peak		·	

RESULT: PASS



Page 18 of 62

RADIATED EMISSION TEST- (30MHz-1GHz)-LOW CHANNEL -VERTICAL



No.	Mk	Freq.	Reading	Factor	Measurement	Limit	Over	Detector	Antenna Height	Table Degree	Comment
	-	MHz	dBu∀	dB/m	dBu∀/m	dBu∀/m	dB		cm	degree	
1	*	156.0997	22.27	15.30	37.57	43.50	-5.93	peak			
2		199.7500	24.98	9.06	34.04	43.50	-9.46	peak			
3		414.7667	10.76	19.52	30.28	46.00	-15.72	peak			
4		529.5498	6.28	21.93	28.21	46.00	-17.79	peak			
5		755.8831	1.95	26.71	28.66	46.00	-17.34	peak			
6		927.2500	1.93	29.37	31.30	46.00	-14.70	peak			

RESULT: PASS

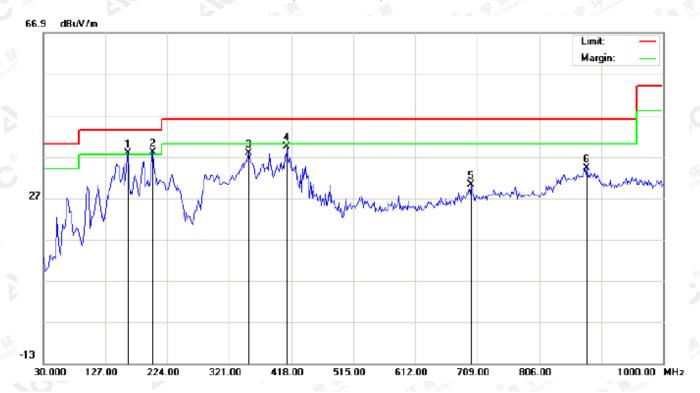
Note: 1. Factor=Antenna Factor + Cable loss, Margin=Measurement-Limit.

2. The "Factor" value can be calculated automatically by software of measurement system.



Page 19 of 62

RADIATED EMISSION TEST- (30MHz-1GHz)-MIDDLE CHANNEL-HORIZONTAL



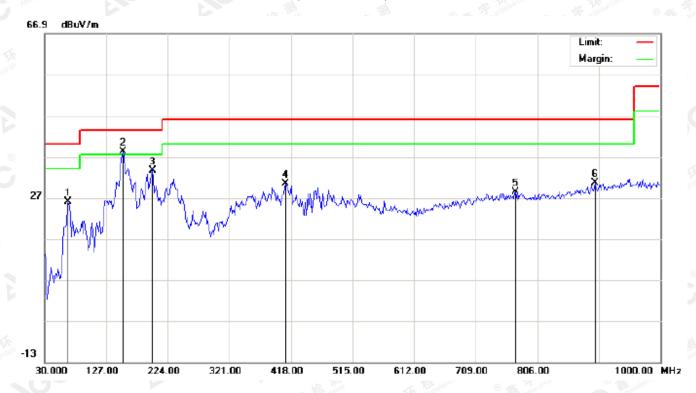
No.	Mk	Freq.	Reading	Factor	Measurement	Limit	Over	Detector	Antenna Height	Table Degree	Comment
	-	MHz	dBu∀	dB/m	dBu√/m	dBu√/m	dB		cm	degree	
1	İ	162.5665	27.32	10.42	37.74	43.50	-5.76	peak			
2	*	201.3667	26.24	11.86	38.10	43.50	-5.40	peak			
3		351.7167	18.97	18.75	37.72	46.00	-8.28	peak			
4		411.5332	20.00	19.42	39.42	46.00	-6.58	peak			
5		699.2998	4.92	25.20	30.12	46.00	-15.88	peak			
6		880.3667	6.16	28.10	34.26	46.00	-11.74	peak			

RESULT: PASS



Page 20 of 62

RADIATED EMISSION TEST- (30MHz-1GHz)- MIDDLE CHANNEL -VERTICAL



No.	Mk	Freq.	Reading	Factor	Measurement	Limit	Over	Detector	Antenna Height	Table Degree	Comment
	-	MHz	dBu∀	dB/m	dBu∀/m	dBu∀/m	dB		cm	degree	
1		67.1833	20.57	5.36	25.93	40.00	-14.07	peak			
2	*	152.8667	22.96	15.28	38.24	43.50	-5.26	peak			
3		199.7500	24.64	9.06	33.70	43.50	-9.80	peak			
4		409.9166	10.99	19.37	30.36	46.00	-15.64	peak			
5		772.0499	1.57	26.93	28.50	46.00	-17.50	peak			
6		896.5333	2.07	28.52	30.59	46.00	-15.41	peak			

RESULT: PASS

Note: 1. Factor=Antenna Factor + Cable loss, Margin=Measurement-Limit.

2. The "Factor" value can be calculated automatically by software of measurement system.



Page 21 of 62

RADIATED EMISSION TEST- (30MHz-1GHz)-HIGH CHANNEL-HORIZONTAL



No.	Mk	Freq.	Reading	Factor	Measurement	Limit	Over	Detector	Antenna Height	Table Degree	Comment
		MHz	dBu∀	dB/m	dBu∀/m	dBu∀/m	dB		cm	degree	
1		115.6833	19.25	6.86	26.11	43.50	-17.39	peak			
2		162.5666	26.51	10.42	36.93	43.50	-6.57	peak			
3	ļ	199.7500	25.53	11.99	37.52	43.50	-5.98	peak			
4	*	419.6166	20.92	19.67	40.59	46.00	-5.41	peak			
5		697.6833	5.47	25.16	30.63	46.00	-15.37	peak			
6		886.8333	4.50	28.27	32.77	46.00	-13.23	peak			

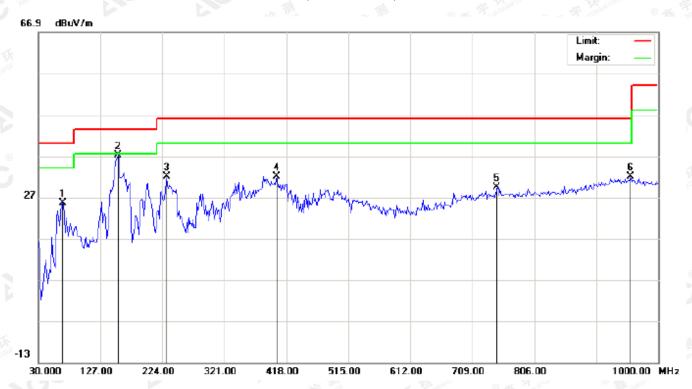
RESULT: PASS

The results spoured this jest report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by XOC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at attp://www.ago.go.tt.com.



Page 22 of 62

RADIATED EMISSION TEST- (30MHz-1GHz)-HIGH CHANNEL -VERTICAL



No.	Mk	Freq.	Reading	Factor	Measurement	Limit	Over	Detector	Antenna Height	Table Degree	Comment
-	-	MHz	dBu∀	dB/m	dBuV/m	dBu√/m	dB		cm	degree	
1		68.7997	20.95	4.73	25.68	40.00	-14.32	peak			
2	*	154.4832	21.91	15.29	37.20	43.50	-6.30	peak			
3		230.4667	19.98	11.99	31.97	46.00	-14.03	peak			
4		403.4499	12.80	19.17	31.97	46.00	-14.03	peak			
5		747.7999	2.81	26.57	29.38	46.00	-16.62	peak			
6		956.3500	2.06	29.94	32.00	46.00	-14.00	peak			

RESULT: PASS

Note: 1. Factor=Antenna Factor + Cable loss, Margin=Measurement-Limit.

2. The "Factor" value can be calculated automatically by software of measurement system.



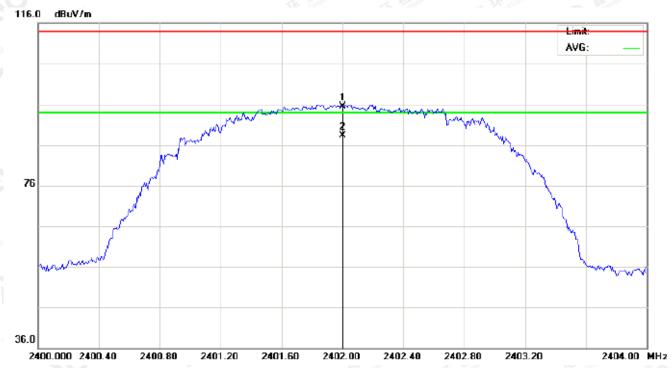
Page 23 of 62

RADIATED EMISSION ABOVE 1GHz FOR BR/EDR

(Worst modulation: GFSK)

For Fundamental

RADIATED EMISSION TEST- (ABOVE 1GHz)-LOW CHANNEL-HORIZONTAL



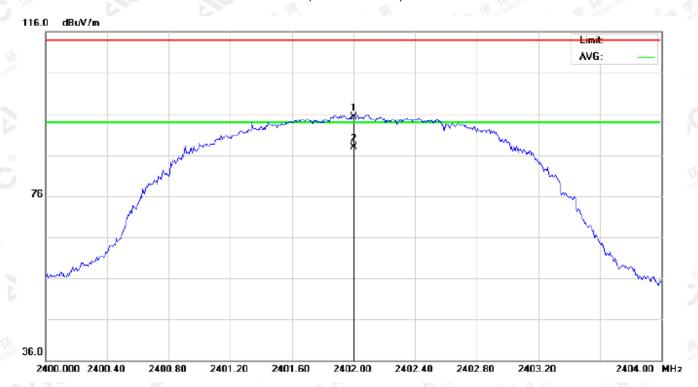
No.	Mk	Freq.	Reading	Factor	Measurement	Limit	Over	Detector	Antenna Height	Table Degree	Comment
		MHz	dBu∀	dB/m	dBu∀/m	dBu∀/m	dB		cm	degree	
1		2402.000	85.17	10.32	95.49	114.00	-18.51	peak			
2	*	2402.000	77.89	10.32	88.21	94.00	-5.79	AVG	100	233	

RESULT: PASS



Page 24 of 62

RADIATED EMISSION TEST- (ABOVE 1GHz)-LOW CHANNEL- VERTICAL



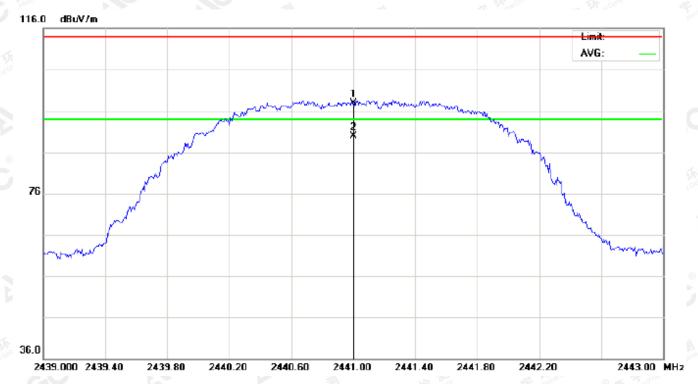
No	Mk	Freq.	Reading	Factor	Measurement	Limit	Over	Detector	Antenna Height	Table Degree	Comment
4	-	MHz	dBu∀	dB/m	dBuV/m	dBu∀/m	dB		cm	degree	
1		2402.000	84.92	10.32	95.24	114.00	-18.76	peak			
2	*	2402.000	77.63	10.32	87.95	94.00	-6.05	AVG	100	302	

RESULT: PASS



Page 25 of 62

RADIATED EMISSION TEST- (ABOVE 1GHz)-MIDDLE CHANNEL-HORIZONTAL



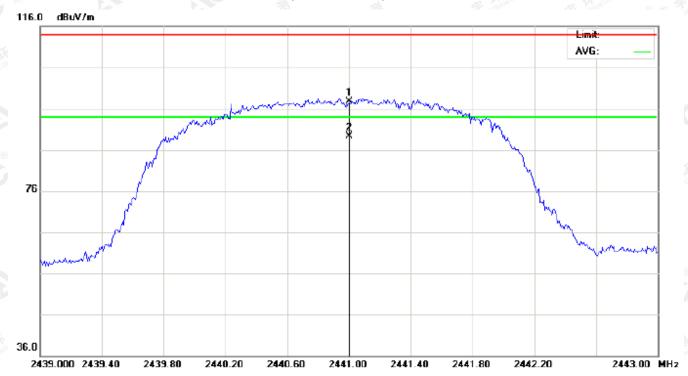
No.	Mk	Freq.	Reading	Factor	Measurement	Limit	Over	Detector	Antenna Height	Table Degree	Comment
	-	MHz	dBu∀	dB/m	dBu∀/m	dBu∀/m	dB		cm	degree	
1		2441.000	87.49	10.36	97.85	114.00	-16.15	peak			
2	*	2441.000	79.58	10.36	89.94	94.00	-4.06	AVG	100	236	

RESULT: PASS



Page 26 of 62

RADIATED EMISSION TEST- (ABOVE 1GHz)-MIDDLE CHANNEL- VERTICAL



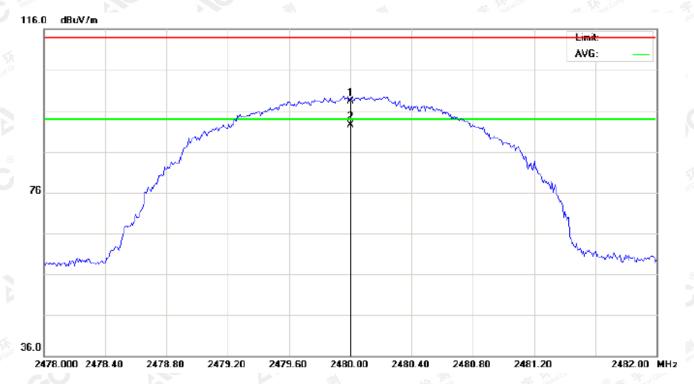
No	. Mk	Freq.	Reading	Factor	Measurement	Limit	Over	Detector	Antenna Height	Table Degree	Comment
	-	MHz	dBu∀	dB/m	dBu∀/m	dBu∀/m	dB		cm	degree	
1		2441.000	87.26	10.36	97.62	114.00	-16.38	peak			
2	*	2441.000	78.89	10.36	89.25	94.00	-4.75	AVG	100	121	

RESULT: PASS



Page 27 of 62

RADIATED EMISSION TEST- (ABOVE 1GHz)-HIGH CHANNEL-HORIZONTAL



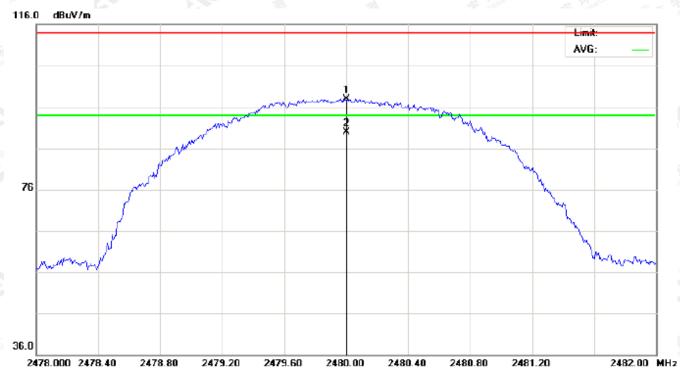
N	о.	Mk	Freq.	Reading	Factor	Measurement	Limit	Over	Detector	Antenna Height		Comment
		-	MHz	dBu∀	dB/m	dBu\//m	dBu∀/m	dB		cm	degree	
	1		2480.000	87.81	10.41	98.22	114.00	-15.78	peak			
	2	*	2480.000	80.01	10.41	90.42	94.00	-3.58	AVG	100	358	

RESULT: PASS



Page 28 of 62

RADIATED EMISSION TEST- (ABOVE 1GHz)-HIGH CHANNEL- VERTICAL



No.	Mk	Freq.	Reading	Factor	Measurement	Limit	Over	Detector	Antenna Height	Table Degree	Comment
		MHz	dBu∀	dB/m	dBu\//m	dBu∀/m	dB		cm	degree	
1		2480.000	87.55	10.41	97.96	114.00	-16.04	peak			
2	*	2480.000	79.58	10.41	89.99	94.00	-4.01	AVG	100		

RESULT: PASS

Note: Factor=Antenna Factor + Cable loss - Amplifier gain, Margin=Measurement-Limit.

The "Factor" value can be calculated automatically by software of measurement system.



Page 29 of 62

Field strength of the fundamental signal

1Mbps Result:

Peak value

Frequency	Reading Level	Factor	Measurement	Limit	Over	Antenna
(MHz)	(dBuv)	(dB/m)	(dBuv/m)	(dBuv/m)	(dB)	Polarization
2402	85.17	10.32	95.49	114	-18.51	Horizontal
2402	84.92	10.32	95.24	114	-18.76	Vertical
2441	87.49	10.36	97.85	114	-16.15	Horizontal
2441	87.26	10.36	97.62	114	-16.38	Vertical
2480	87.81	10.41	98.22	114	-15.78	Horizontal
2480	87.55	10.41	97.96	114	-16.04	Vertical

Average value

Frequency	Reading Level	Factor	Measurement	Limit	Over	Antenna	
(MHz)	(dBuv)	(dB/m)	(dBuv/m)	(dBuv/m)	(dB)	Polarization	
2402	77.89	10.32	88.21	94	-5.79	Horizontal	
2402	77.63	10.32	87.95	94	-6.05	Vertical	
2441	79.58	10.36	89.94	94	-4.06	Horizontal	
2441	78.89	10.36	89.25	94	-4.75	Vertical	
2480	80.01	10.41	90.42	94	-3.58	Horizontal	
2480	79.58	10.41	89.99	94	-4.01	Vertical	



Page 30 of 62

2Mbps Result:

Peak value

Frequency	Reading Level	Factor	Measurement	Limit	Over	Antenna
(MHz)	(dBuv)	(dB/m)	(dBuv/m)	(dBuv/m)	(dB)	Polarization
2402	84.72	10.32	95.04	114	-18.96	Horizontal
2402	84.45	10.32	94.77	114	-19.23	Vertical
2441	87.06	10.36	97.42	114	-16.58	Horizontal
2441	86.85	10.36	97.21	114	-16.79	Vertical
2480	87.33	10.41	97.74	114	-16.26	Horizontal
2480	87.09	10.41	97.50	114	-16.50	Vertical

Average value

Frequency	Reading Level	Factor	Measurement	Limit	Over	Antenna
(MHz)	(dBuv)	(dB/m)	(dBuv/m)	(dBuv/m)	(dB)	Polarization
2402	77.50	10.32	87.82	94	-6.18	Horizontal
2402	77.18	10.32	87.50	94	-6.50	Vertical
2441	79.03	10.36	89.39	94	-4.61	Horizontal
2441	78.57	10.36	88.93	94	-5.07	Vertical
2480	79.14	10.41	89.55	94	-4.45	Horizontal
2480	79.03	10.41	89.44	94	-4.56	Vertical



Page 31 of 62

3Mbps Result:

Peak value

Frequency	Reading Level	Factor	Measurement	Limit	Over	Antenna
(MHz)	(dBuv)	(dB/m)	(dBuv/m)	(dBuv/m)	(dB)	Polarization
2402	84.27	10.32	94.59	114	-19.41	Horizontal
2402	84.13	10.32	94.45	114	-19.55	Vertical
2441	86.74	10.36	97.10	114	-16.90	Horizontal
2441	86.41	10.36	96.77	114	-17.23	Vertical
2480	86.93	10.41	97.34	114	-16.66	Horizontal
2480	86.73	10.41	97.14	114	-16.86	Vertical

Average value

3						
Frequency	Reading Level	Factor	Measurement	Limit	Over	Antenna
(MHz)	(dBuv)	(dB/m)	(dBuv/m)	(dBuv/m)	(dB)	Polarization
2402	77.03	10.32	87.35	94	-6.65	Horizontal
2402	76.72	10.32	87.04	94	-6.96	Vertical
2441	78.58	10.36	88.94	94	-5.06	Horizontal
2441	78.25	10.36	88.61	94	-5.39	Vertical
2480	78.67	10.41	89.08	94	-4.92	Horizontal
2480	78.63	10.41	89.04	94	-4.96	Vertical



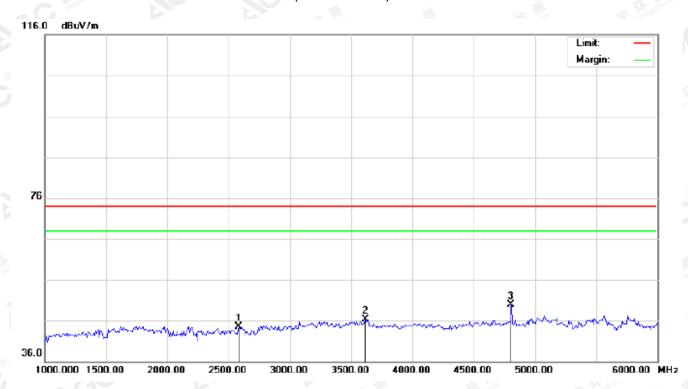
age 32 of 62

FOR BR/EDR

(Worst modulation: GFSK)

For Harmonics

RADIATED EMISSION TEST- (ABOVE 1GHz)-LOW CHANNEL-HORIZONTAL



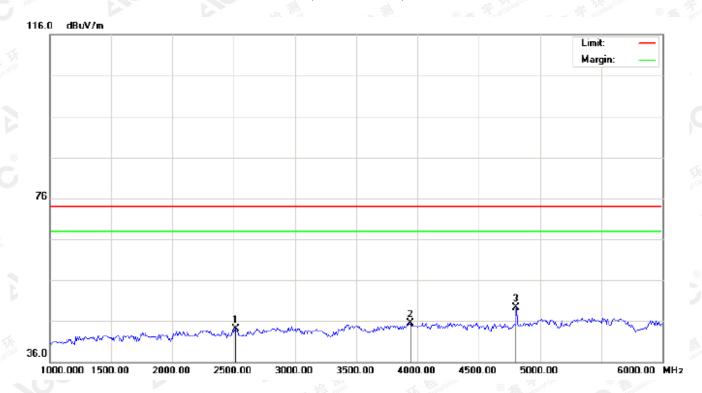
No.	Mk	Freq.	Reading	Factor	Measurement	Limit	Over	Detector	Antenna Height	Table Degree	Comment
	-	MHz	dBu∀	dB/m	dBu∀/m	dBu∀/m	dB		cm	degree	
1		2583.333	33.87	10.63	44.50	74.00	-29.50	peak			
2		3616.667	33.55	12.83	46.38	74.00	-27.62	peak			
3	*	4804.000	42.21	7.69	49.90	74.00	-24.10	peak			

RESULT: PASS



Page 33 of 62

RADIATED EMISSION TEST- (ABOVE 1GHz)-LOW CHANNEL- VERTICAL



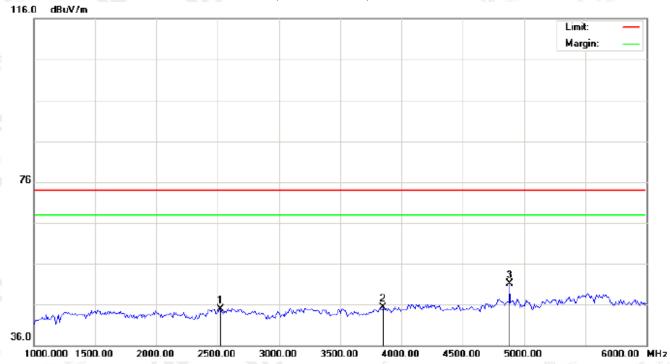
No.	Mk	Freq.	Reading	Factor	Measurement	Limit	Over	Detector	Antenna Height	Table Degree	Comment
	-	MHz	dBu∀	dB/m	dBu∀/m	dBu∀/m	dB		cm	degree	
1		2516.667	33.56	10.47	44.03	74.00	-29.97	peak			
2		3941.667	30.73	14.83	45.56	74.00	-28.44	peak			
3	*	4804.000	41.55	7.69	49.24	74.00	-24.76	peak			

RESULT: PASS



Page 34 of 62

RADIATED EMISSION TEST- (ABOVE 1GHz)-MIDDLE CHANNEL-HORIZONTAL



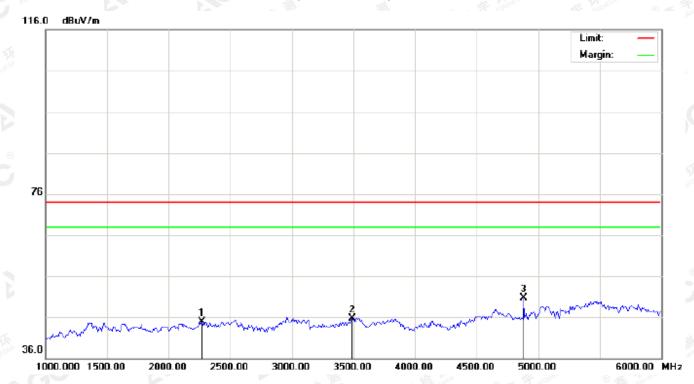
No.	. Mk	Freq.	Reading	Factor	Measurement	Limit	Over	Detector	Antenna Height	Table Degree	Comment
	-	MHz	dBu∀	dB/m	dBu∀/m	dBu∀/m	dB		cm	degree	
1		2525.000	34.45	10.49	44.94	74.00	-29.06	peak			
2		3850.000	31.03	14.27	45.30	74.00	-28.70	peak			
3	*	4882.000	43.16	7.89	51.05	74.00	-22.95	peak			

RESULT: PASS



Page 35 of 62

RADIATED EMISSION TEST- (ABOVE 1GHz)-MIDDLE CHANNEL- VERTICAL



No.	Mk	Freq.	Reading	Factor	Measurement	Limit	Over	Detector	Antenna Height	Table Degree	Comment
		MHz	dBu∀	dB/m	dBu∀/m	dBu∀/m	dB		cm	degree	
1		2266.667	34.83	10.17	45.00	74.00	-29.00	peak			
2		3491.667	33.65	12.10	45.75	74.00	-28.25	peak			
3	*	4882.000	42.89	7.89	50.78	74.00	-23.22	peak			

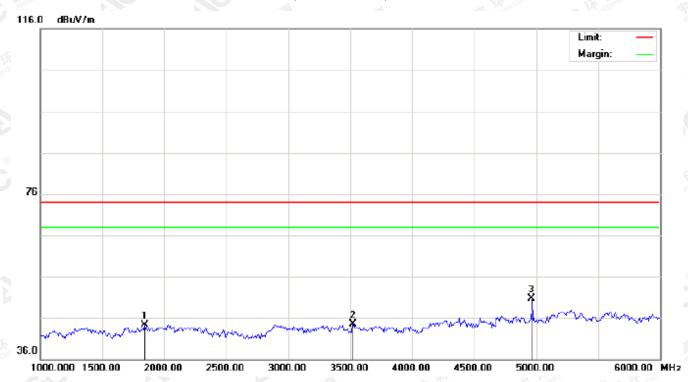
RESULT: PASS

The results showed this jest report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by ACC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at attp://www.agc.gett.com.



Page 36 of 62

RADIATED EMISSION TEST- (ABOVE 1GHz)-HIGH CHANNEL-HORIZONTAL



No.	Mk	Freq.	Reading	Factor	Measurement	Limit	Over	Detector	Antenna Height	Table Degree	Comment
		MHz	dBu∀	dB/m	dBu\//m	dBu∀/m	dB		cm	degree	
1		1841.667	36.07	8.21	44.28	74.00	-29.72	peak			
2		3525.000	32.29	12.26	44.55	74.00	-29.45	peak			
3	*	4960.000	42.60	8.09	50.69	74.00	-23.31	peak			

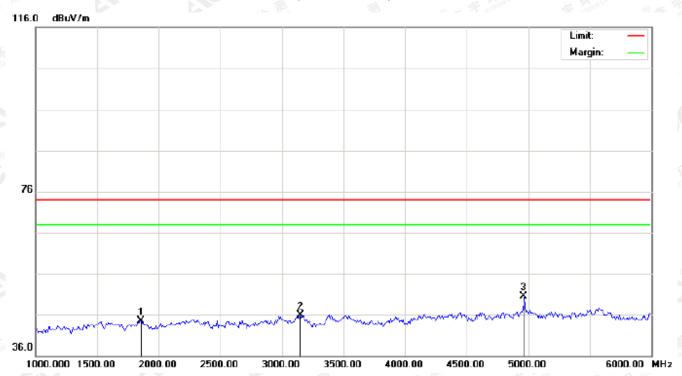
DECILIT: DACC

The results showed this jest report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by 100°C, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at attp://www.agc.gett.com.



Page 37 of 62

RADIATED EMISSION TEST- (ABOVE 1GHz)-HIGH CHANNEL- VERTICAL



No.	Mk	Freq.	Reading	Factor	Measurement	Limit	Over	Detector	Antenna Height	Table Degree	Comment
	-	MHz	dBu∀	dB/m	dBuV/m	dBu∀/m	dB		cm	degree	
1		1858.333	36.07	8.39	44.46	74.00	-29.54	peak			
2		3150.000	34.14	11.78	45.92	74.00	-28.08	peak			
3	*	4960.000	42.41	8.09	50.50	74.00	-23.50	peak			

RESULT: PASS

Note: 6~25GHz at least have 20dB margin. No recording in the test report.

Factor=Antenna Factor + Cable loss - Amplifier gain, Margin=Measurement-Limit.

The "Factor" value can be calculated automatically by software of measurement system.

The results spound this jest report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by XCC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at attp://www.ago.go.tt.com.



Page 38 of 62

10. BAND EDGE EMISSION

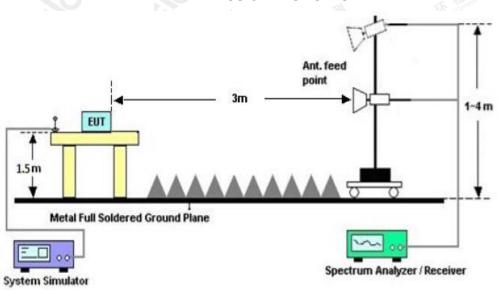
10.1. MEASUREMENT PROCEDURE

- The EUT operates at hopping-off test mode. The lowest or highest channels are tested to verify the largest transmission and spurious emissions power at the continuous transmission mode.
- 2. Max hold the trace of the setup 1, and the EUT operates at hopping-on test mode to verify the largest spurious emissions power.
- 3. Set the spectrum analyzer in the following setting in order to capture the lower and upper band-edges of the emission.

	Start frequenc	y(MHz)		Stop frequency(MHz)			
	2200	Kimplence	The Committee	® A station of G	2405	100	
(S) ### (1)	2478	3lobal C	Autostation of Glob	-,0 "	2500		

10.2 TEST SETUP

RADIATED EMISSION TEST SETUP



The results spowford this jest report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by XOC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at attp://www.ago.go.tt.com.



Page 39 of 62

10.3 RADIATED TEST RESULT

FOR BR/EDR

(Worst modulation: GFSK)

TEST PLOT OF BAND EDGE FOR LOW CHANNEL-Horizontal



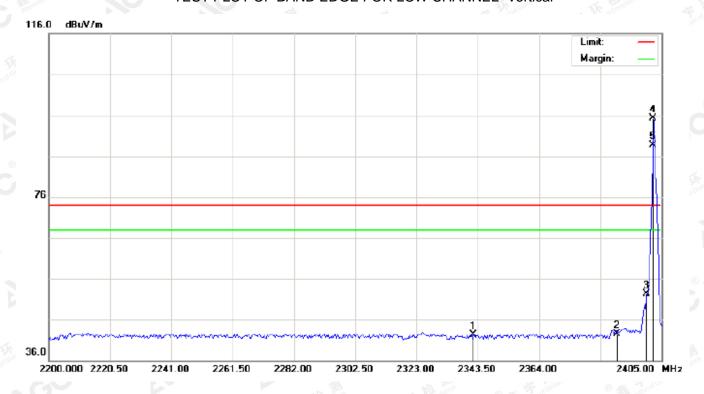
No.	Mk	Freq.	Reading	Factor	Measurement	Limit	Over	Detector	Antenna Height	Table Degree	Comment
	-	MHz	dBu∀	dB/m	dBu∀/m	dBu∀/m	dB		cm	degree	
1		2328.808	32.50	10.24	42.74	74.00	-31.26	peak			
2		2390.000	32.50	10.31	42.81	74.00	-31.19	peak			
3		2400.000	47.47	10.32	57.79	74.00	-16.21	peak			
4	*	2402.000	85.02	10.32	95.34	74.00	21.34	peak			
5	Х	2402.000	77.93	10.32	88.25	74.00	14.25	AVG	100	247	

The results spowth this jest report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at attp://www.agc.gott.com.



Page 40 of 62

TEST PLOT OF BAND EDGE FOR LOW CHANNEL -Vertical



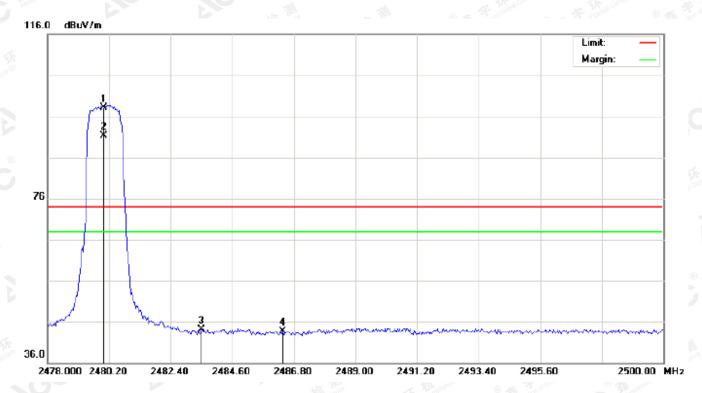
No.	Mk	Freq.	Reading	Factor	Measurement	Limit	Over	Detector	Antenna Height	Table Degree	Comment
	-	MHz	dBu∀	dB/m	dBu∀/m	dBu∀/m	dB		cm	degree	
1		2342.133	32.04	10.26	42.30	74.00	-31.70	peak			
2		2390.000	32.21	10.31	42.52	74.00	-31.48	peak			
3		2400.000	42.06	10.32	52.38	74.00	-21.62	peak			
4	*	2402.000	84.93	10.32	95.25	74.00	21.25	peak			
5	Х	2402.000	78.33	10.32	88.65	74.00	14.65	AVG	100	291	

The results showed this jest report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at attp://www.agc.gett.com.



Page 41 of 62

TEST PLOT OF BAND EDGE FOR HIGH CHANNEL -Horizontal



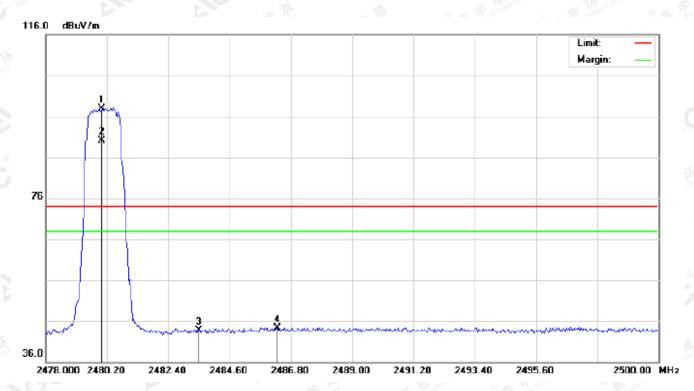
No.	Mk	Freq.	Reading	Factor	Measurement	Limit	Over	Detector	Antenna Height		Comment
	-	MHz	dBu∀	dB/m	dBu∀/m	dBu∀/m	dB		cm	degree	
1	*	2480.000	87.71	10.41	98.12	74.00	24.12	peak			
2	Х	2480.000	80.84	10.41	91.25	74.00	17.25	AVG	100	336	
3		2483.500	33.69	10.41	44.10	74.00	-29.90	peak			
4		2486.396	33.36	10.41	43.77	74.00	-30.23	peak			

The results spoured this jest report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at attp://www.agc.go.tt.com.



Page 42 of 62

TEST PLOT OF BAND EDGE FOR HIGH CHANNEL-Vertical



No.	Mk	Freq.	Reading	Factor	Measurement	Limit	Over	Detector	Antenna Height	Table Degree	Comment
	-	MHz	dBu∀	dB/m	dBu∀/m	dBu∀/m	dB		cm	degree	
1	*	2480.000	87.50	10.41	97.91	74.00	23.91	peak			
2	Х	2480.000	79.75	10.41	90.16	74.00	16.16	AVG	100	134	
3		2483.500	33.26	10.41	43.67	74.00	-30.33	peak			
4		2486.323	33.94	10.41	44.35	74.00	-29.65	peak			

RESULT: PASS

Note: Factor=Antenna Factor + Cable loss - Amplifier gain, Over=Measure-Limit.

The "Factor" value can be calculated automatically by software of measurement system.

Hopping on mode and Hopping off mode have been tested, but only worst case reported.

The results spound this jest report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by XCC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at attp://www.ago.go.tt.com.



Page 43 of 62

11. 20DB BANDWIDTH

11.1. MEASUREMENT PROCEDURE

- 1. Set the EUT Work on the top, the middle and the bottom operation frequency individually.
- 2. Set Span = approximately 2 to 3 times the 20 dB bandwidth, centered on a hoping channel RBW ≥ 1% of the 20 dB bandwidth, VBW ≥ 3RBW; Sweep = auto; Detector function = peak
- 3. Set SPA Trace 1 Max hold, then View.

11.2. TEST SET-UP



11.3. LIMITS AND MEASUREMENT RESULTS

FOR BR/EDR

BLUETOOTH 1MBPS LIMITS AND MEASUREMENT RESULT									
	Measurement Result								
Applicable Limits		D							
		99%OBW (MHz)	-20dB BW(MHz)	Result					
And Committee Co	Low Channel	0.934	1.103	PASS					
N/A	Middle Channel	0.927	1.103	PASS					
	High Channel	0.924	1.081	PASS					

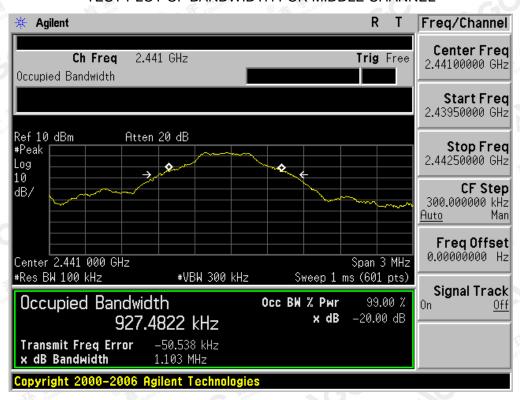
The results spowford this jest report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at attp://www.agc.gent.com.



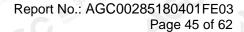
TEST PLOT OF BANDWIDTH FOR LOW CHANNEL



TEST PLOT OF BANDWIDTH FOR MIDDLE CHANNEL

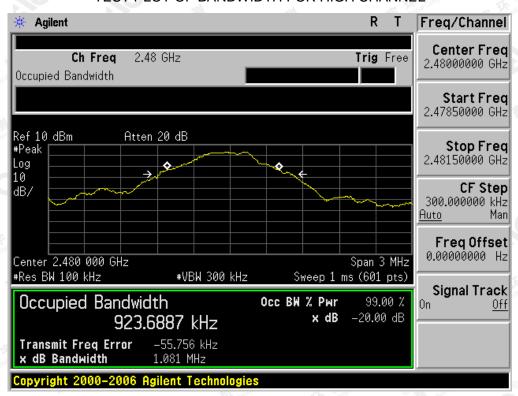


The results spowford this jest report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by XOC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at attp://www.ago.go.tt.com.

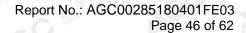




TEST PLOT OF BANDWIDTH FOR HIGH CHANNEL



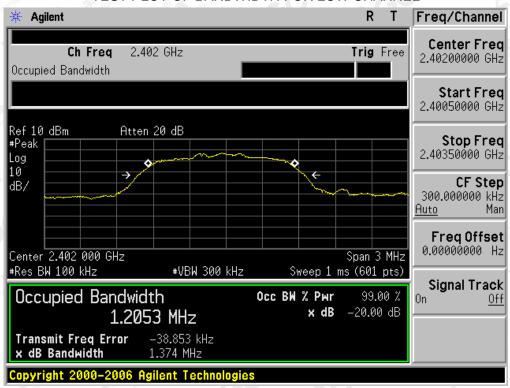
The results spoured this jest report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by XOC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at attp://www.ago.go.tt.com.





BLUETOOTH 2MBPS LIMITS AND MEASUREMENT RESULT									
	Measurement Result								
Applicable Limits		Decult							
		99%OBW (MHz)	-20dB BW(MHz)	Result					
下 整 测 不 整 测 1	Low Channel	1.205	1.374	PASS					
N/A	Middle Channel	1.206	1.364	PASS					
	High Channel	1.209	1.360	PASS					

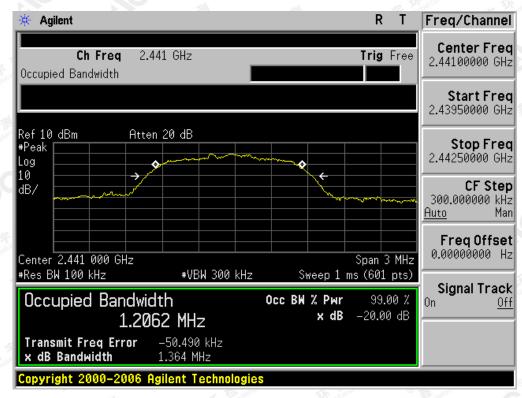
TEST PLOT OF BANDWIDTH FOR LOW CHANNEL



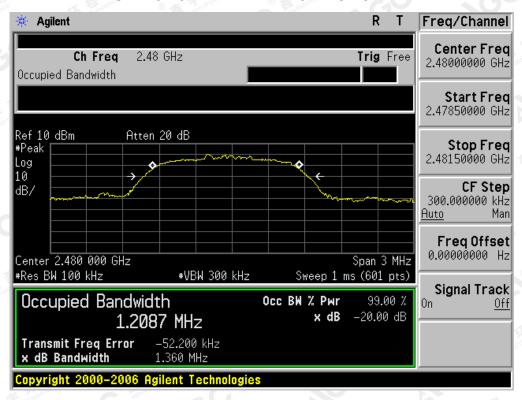
The results spound this jest report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by XCC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at a true www.ago.gent.com.



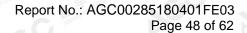
TEST PLOT OF BANDWIDTH FOR MIDDLE CHANNEL



TEST PLOT OF BANDWIDTH FOR HIGH CHANNEL



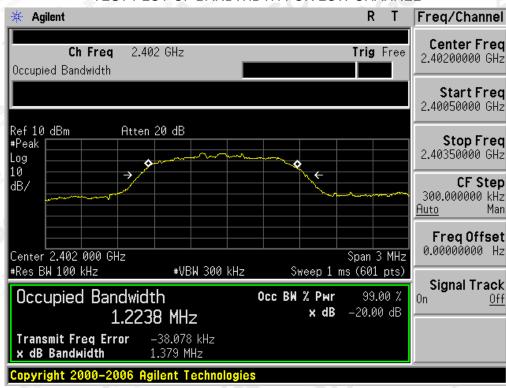
The results spowford this jest report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by XOC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at attp://www.ago.go.tt.com.





BLUETO	OOTH 3MBPS LIN	MITS AND MEASU	REMENT RESULT	201 .Co*** 2			
Measurement Result							
Applicable Limits							
		99%OBW (MHz)	-20dB BW(MHz)	Result			
K Emino	Low Channel	1.224	1.379	PASS			
N/A	Middle Channel	1.210	1.376	PASS			
	High Channel	1.219	1.360	PASS			

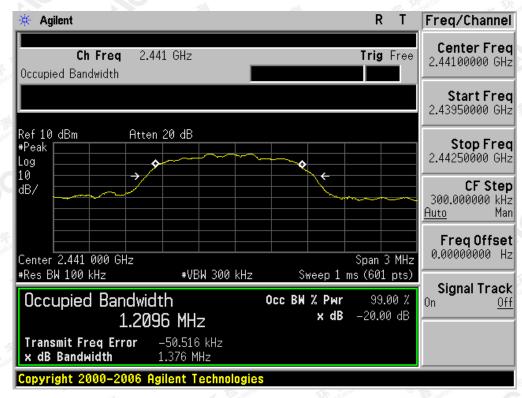
TEST PLOT OF BANDWIDTH FOR LOW CHANNEL



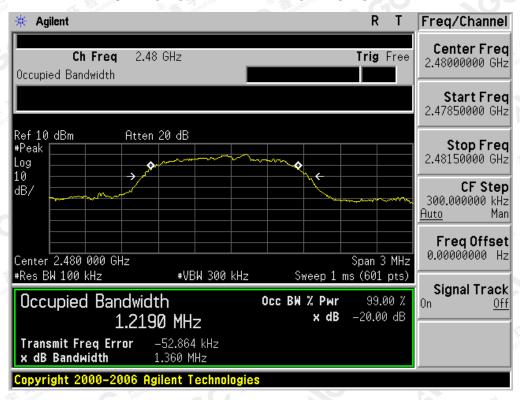
The results spound this jest report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by XCC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at a true www.ago.gent.com.



TEST PLOT OF BANDWIDTH FOR MIDDLE CHANNEL



TEST PLOT OF BANDWIDTH FOR HIGH CHANNEL



The results spowford this jest report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at attp://www.agc.gent.com.



Page 50 of 62

12. FCC LINE CONDUCTED EMISSION TEST

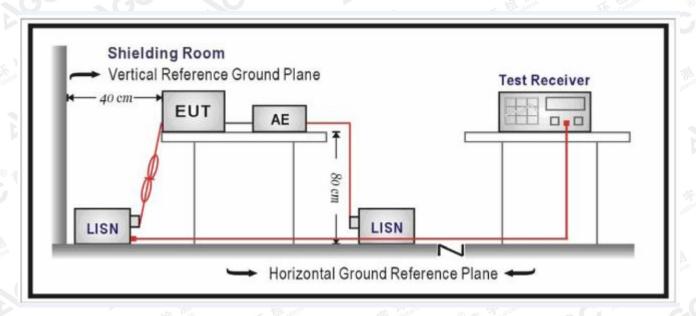
12.1. LIMITS OF LINE CONDUCTED EMISSION TEST

F	Maximum RF Line Voltage						
Frequency	Q.P.(dBuV)	Average(dBuV)					
150kHz~500kHz	66-56	56-46					
500kHz~5MHz	56	46					
5MHz~30MHz	60	50					

Note:

- 1. The lower limit shall apply at the transition frequency.
- 2. The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50 MHz.

12.2. BLOCK DIAGRAM OF LINE CONDUCTED EMISSION TEST



The results spound this jest report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by XCC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at attp://www.ago.go.tt.com.



Page 51 of 62

12.3. PRELIMINARY PROCEDURE OF LINE CONDUCTED EMISSION TEST

- 1. The equipment was set up as per the test configuration to simulate typical actual usage per the user's manual. When the EUT is a tabletop system, a wooden table with a height of 0.8 meters is used and is placed on the ground plane as per ANSI C63.10 (see Test Facility for the dimensions of the ground plane used). When the EUT is a floor-standing equipment, it is placed on the ground plane which has a 3-12 mm non-conductive covering to insulate the EUT from the ground plane.
- 2. Support equipment, if needed, was placed as per ANSI C63.10.
- 3. All I/O cables were positioned to simulate typical actual usage as per ANSI C63.10.
- 4. All support equipments received AC120V/60Hz power from a LISN, if any.
- 5. The EUT received DC charging voltage by adapter or PC which received 120V/60Hzpower by a LISN.
- 6. The test program was started. Emissions were measured on each current carrying line of the EUT using a spectrum Analyzer / Receiver connected to the LISN powering the EUT. The LISN has two monitoring points: Line 1 (Hot Side) and Line 2 (Neutral Side). Two scans were taken: one with Line 1 connected to Analyzer / Receiver and Line 2 connected to a 50 ohm load; the second scan had Line 1 connected to a 50 ohm load and Line 2 connected to the Analyzer / Receiver.
- 7. Analyzer / Receiver scanned from 150 kHz to 30MHz for emissions in each of the test modes.
- 8. During the above scans, the emissions were maximized by cable manipulation.
- 9. The test mode(s) were scanned during the preliminary test.

Then, the EUT configuration and cable configuration of the above highest emission level were recorded for reference of final testing.

12.4. FINAL PROCEDURE OF LINE CONDUCTED EMISSION TEST

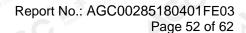
- 1. EUT and support equipment was set up on the test bench as per step 2 of the preliminary test.
- 2. A scan was taken on both power lines, Line 1 and Line 2, recording at least the six highest emissions. Emission frequency and amplitude were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit. If EUT emission level was less –2dB to the A.V. limit in Peak mode, then the emission signal was re-checked using Q.P and Average detector.
- The test data of the worst case condition(s) was reported on the Summary Data page.

12.5. TEST RESULT OF LINE CONDUCTED EMISSION TEST

N/A

Note: The BT function of EUT didn't work when charging.

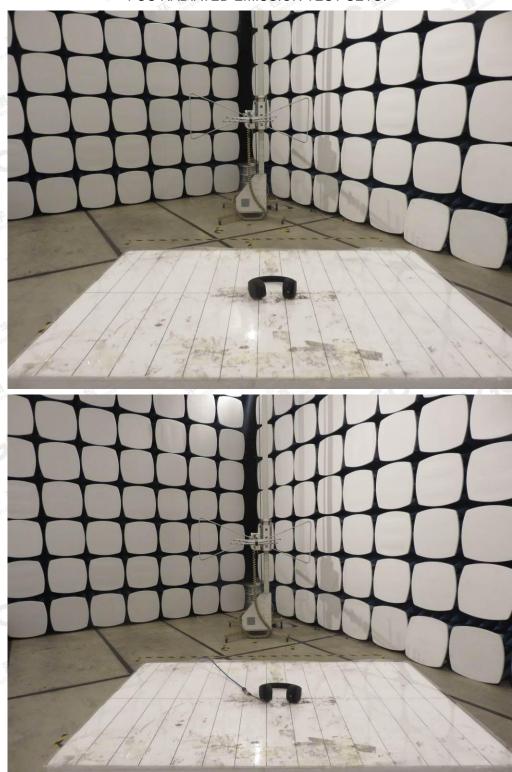
The results spound this jest report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by XCC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at attp://www.ago.go.tt.com.





APPENDIX A: PHOTOGRAPHS OF TEST SETUP

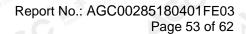
FCC RADIATED EMISSION TEST SETUP



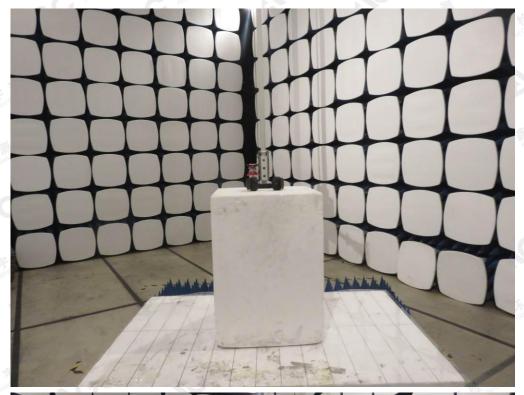
The results specified this jest report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at attr://www.agc-gett.com.

Attestation of Global Compliance

Tel: +86-755 2908 1955 Fax: +86-755 2600 8484 E-mail: agc@agc-cert.com @ 400 089 2118 Add: 2/F., Building 2, No.1-4, Chaxi Sanwei Technical Industrial Park, Gushu, Xixiang, Baoan District, Shenzhen, Guangdong China









The results shown in this jest report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at a true; //www.agc.gett.com.

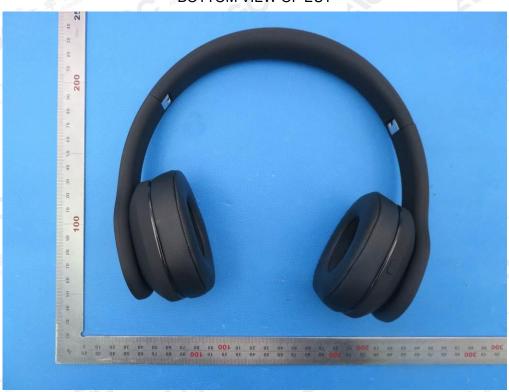


APPENDIX B: PHOTOGRAPHS OF EUT

TOP VIEW OF EUT



BOTTOM VIEW OF EUT



The results showed this jest report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at attp://www.agc.gett.com.

Attestation of Global Compliance

Tel: +86-755 2908 1955 Fax: +86-755 2600 8484 E-mail: agc@agc-cert.com @ 400 089 2118 Add: 2/F., Building 2, No.1-4, Chaxi Sanwei Technical Industrial Park, Gushu, Xixiang, Baoan District, Shenzhen, Guangdong China



FRONT VIEW OF EUT



BACK VIEW OF EUT



The results shown in this jest report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at a true; //www.agc.gett.com.

Attestation of Global Compliance

Tel: +86-755 2908 1955 Fax: +86-755 2600 8484 E-mail: agc@agc-cert.com @ 400 089 2118 Add: 2/F., Building 2, No.1-4, Chaxi Sanwei Technical Industrial Park, Gushu, Xixiang, Baoan District, Shenzhen, Guangdong China





LEFT VIEW OF EUT



RIGHT VIEW OF EUT



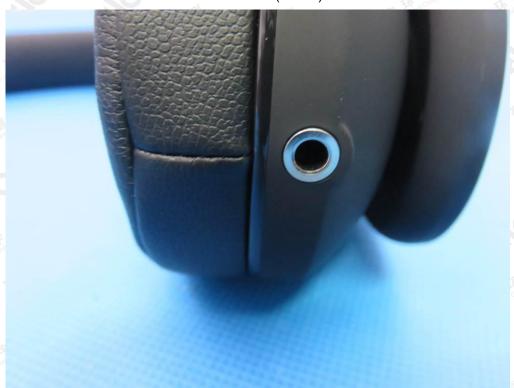
The results showed this jest report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at a type AGC.

Attestation of Global Compliance

Tel: +86-755 2908 1955 Fax: +86-755 2600 8484 E-mail: agc@agc-cert.com @ 400 089 2118 Add: 2/F., Building 2, No.1-4,Chaxi Sanwei Technical Industrial Park,Gushu, Xixiang, Baoan District, Shenzhen, Guangdong China



VIEW OF EUT (PORT)-1



VIEW OF EUT (PORT)-2



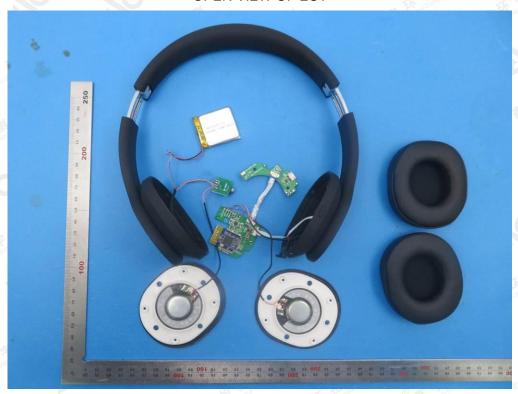
The results shown his jest report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.agc.gett.com.

Attestation of Global Compliance

Tel: +86-755 2908 1955 Fax: +86-755 2600 8484 E-mail: agc@agc-cert.com @ 400 089 2118 Add: 2/F., Building 2, No.1-4,Chaxi Sanwei Technical Industrial Park,Gushu, Xixiang, Baoan District, Shenzhen, Guangdong China



OPEN VIEW OF EUT



VIEW OF BATTERY

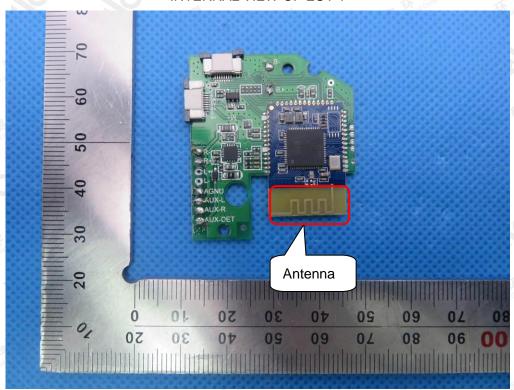


The results spound this jest report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by XOC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at attp://www.agc.gott.com.

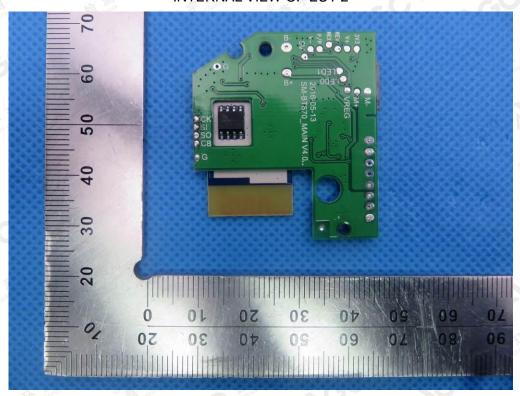
Attestation of Global Compliance

Tel: +86-755 2908 1955 Fax: +86-755 2600 8484 E-mail: agc@agc-cert.com @ 400 089 2118 Add: 2/F. , Building 2, No.1-4, Chaxi Sanwei Technical Industrial Park, Gushu, Xixiang, Baoan District, Shenzhen, Guangdong China





INTERNAL VIEW OF EUT-2

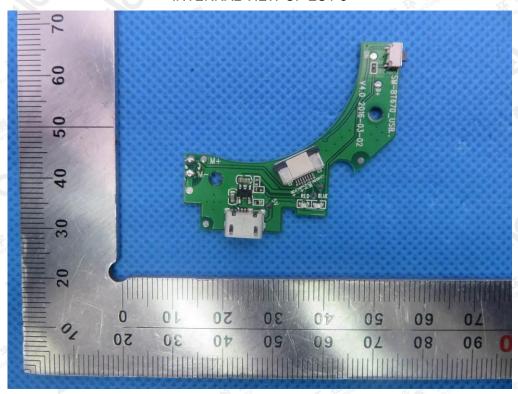


The results showing this jest report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at a true www.agc. att.com.

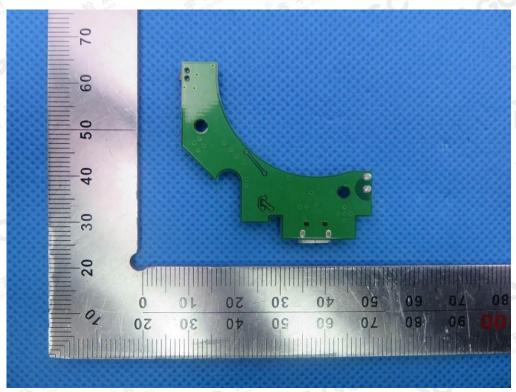
Attestation of Global Compliance

Tel: +86-755 2908 1955 Fax: +86-755 2600 8484 E-mail: agc@agc-cert.com @ 400 089 2118 Add: 2/F., Building 2, No.1-4, Chaxi Sanwei Technical Industrial Park, Gushu, Xixiang, Baoan District, Shenzhen, Guangdong China





INTERNAL VIEW OF EUT-4

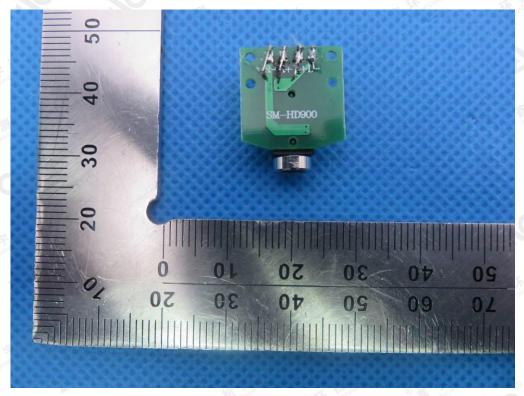


The results showing this jest report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at attp://www.agc.gent.com.

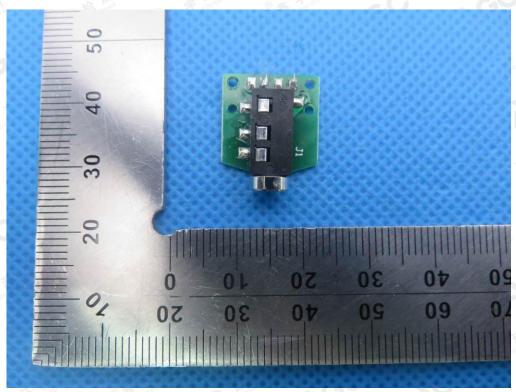
Attestation of Global Compliance

Tel: +86-755 2908 1955 Fax: +86-755 2600 8484 E-mail: agc@agc-cert.com @ 400 089 2118 Add: 2/F. , Building 2, No.1-4, Chaxi Sanwei Technical Industrial Park, Gushu, Xixiang, Baoan District, Shenzhen, Guangdong China





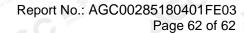
INTERNAL VIEW OF EUT-6



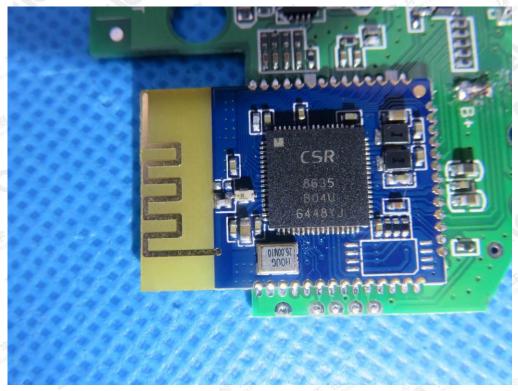
The results showed this jest report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at attp://www.agc.gett.com.

Attestation of Global Compliance

Tel: +86-755 2908 1955 Fax: +86-755 2600 8484 E-mail: agc@agc-cert.com @ 400 089 2118 Add: 2/F., Building 2, No.1-4, Chaxi Sanwei Technical Industrial Park, Gushu, Xixiang, Baoan District, Shenzhen, Guangdong China







----END OF REPORT----

The results shown in this jest report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at a the confirmed at a transfer of the

Attestation of Global Compliance

Tel: +86-755 2908 1955 Fax: +86-755 2600 8484 E-mail: agc@agc-cert.com @ 400 089 2118 Add: 2/F. , Building 2, No.1-4, Chaxi Sanwei Technical Industrial Park, Gushu, Xixiang, Baoan District, Shenzhen, Guangdong China