

Shenzhen Toby Technology Co., Ltd.

Report No.: TB-FCC175152

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FCC Radio Test Report FCC ID: 2AJ5B-C72

Original Grant

Report No. : TB-FCC175152

Applicant: SAGE HUMAN ELECTRONICS INTERNATIONAL CO.,LTD.

Equipment Under Test (EUT)

EUT Name : Bluetooth FM Transmitter for Car

Model No. : C72

Serial Model No. : ----

Brand Name : C72

Sample ID TBBJ-20200804-09-1-1#& TBBJ-20200804-09-2-1#

Receipt Date : 2020-08-24

Test Date : 2020-08-25 to 2020-09-10

Issue Date : 2020-09-11

Standards : FCC Part 15, Subpart C 15.239

Test Method : ANSI C63.10:2013

Conclusions : PASS

In the configuration tested, the EUT complied with the standards specified above, The EUT technically complies with the FCC requirements

Test/Witness Engineer :

Engineer Supervisor :

Engineer Manager :

This report details the results of the testing carried out on one sample. The results contained in this test report do not relate to other samples of the same product. The manufacturer should

TB-RF-074-1.0



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ensure that all products in series production are in conformity with the product sample detailed in the report.

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Revision History

Report No.	Version	Description	Issued Date
TB-FCC175152	Rev.01	Initial issue of report	2020-09-11
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1. General Information about EUT

1.1 Client Information

	_	
Applicant	:	SAGE HUMAN ELECTRONICS INTERNATIONAL CO.,LTD.
Address		4F.,A Building,Rongli Industrial Park,No.2 Guiyuan Rd.Guihua Community,Guanlan Town,Longhua New Dist. Shenzhen, China
Manufacturer		SAGE HUMAN ELECTRONICS INTERNATIONAL CO.,LTD.
Address		4F.,A Building,Rongli Industrial Park,No.2 Guiyuan Rd.Guihua Community,Guanlan Town,Longhua New Dist. Shenzhen, China

1.2 General Description of EUT (Equipment Under Test)

EUT Name	:	Bluetooth FM Transmitte	er for Car		
Models No.	:	C72			
Model Difference		N/A			
Units and	1	Operation Frequency:	FM: 88.1-107.9 MHz		
Product Description	:	Antenna Gain:	Internal Antenna(1.5 dBi)		
Description		Modulation Type:	FM		
Power Rating		Input: DC 12-24V Output: QC3.0:DC 5V 3A, 9V2A PD: DC 5V 3A, 9V2A, 12			
Software Version	1	CGBT1853_ATS2819_(T1853_ATS2819_(shijie_C72)_[87.5-108.0]_2020-08-06_V0.0.2 2819_MAIN_V1.0 // C72-6525+8831C-V1.0		
Hardware Version	•	C72_2819_MAIN_V1.0			
Connecting I/O Port(S)	:	Please refer to the User	's Manual		

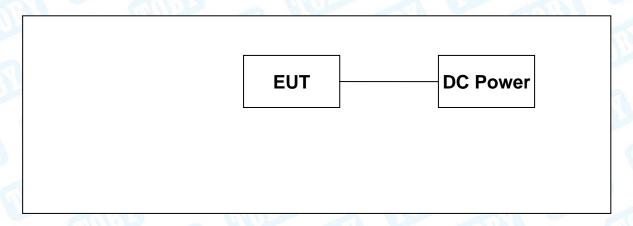
Note:

(1) For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.



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1.3 Block Diagram Showing the Configuration of System Tested



1.4 Description of Support Units

The EUT has been tested as an independent unit.

1.5 Description of Test Mode

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned follow was evaluated respectively.

	Pretest Mode
Pretest Mode	Description
Mode 1	Continuously transmitting (88.1MHz/98.1MHz/107.9MHz)
	Conducted Emission
Test Mode	Description
Mode 1	Continuously transmitting (88.1MHz)
	Radiated Emission
Test Mode	Description
Mode 1	Continuously transmitting (88.1MHz/98.1MHz/107.9MHz)
Soul I I Am	ain provided by the applicant, the verified for the RF ded by TOBY test lab.



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Note:

(1) During the testing procedure, the continuously transmitting mode was programmed by the customer.

(2) The EUT is considered a portable unit, and it was pre-tested on the positioned of each 3 axis: X axis, Y axis and Z axis. The worst case was found positioned on Z-plane. There for only the test data of this Z-plane were used for radiated emission measurement test.

1.6 Description of Test Software Setting

During testing channel& Power controlling software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product power parameters of transmitting mode.

1	Product SW/HW Version :	N/A
2	Radio SW/HW Version:	N/A
3	Test SW Version:	N/A
4	RF Power Setting in Test SW:	DEF

1.7 Measurement Uncertainty

The reported uncertainty of measurement $y \pm U$, 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 %.

Test Item	Parameters	Expanded Uncertainty (U _{Lab})
Conducted Emission	Level Accuracy: 9kHz~150kHz 150kHz to 30MHz	±3.50 dB ±3.10 dB
Radiated Emission	Level Accuracy: 9kHz to 30 MHz	±4.60 dB
Radiated Emission	Level Accuracy: 30MHz to 1000 MHz	±4.50 dB
Radiated Emission	Level Accuracy: Above 1000MHz	±4.20 dB



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1.8 Test Facility

The testing report were performed by the Shenzhen Toby Technology Co., Ltd., in their facilities located at 1A/F., Bldg.6, Yusheng Industrial Zone, The National Road No.107 Xixiang Section 467, Xixiang, Bao'an, Shenzhen, Guangdong, China. At the time of testing, the following bodies accredited the Laboratory:

CNAS (L5813)

The Laboratory has been accredited by CNAS to ISO/IEC 17025: 2005 General Requirements for the Competence of Testing and Calibration Laboratories for the competence in the field of testing. And the Registration No.: CNAS L5813.

A2LA Certificate No.: 4750.01

The laboratory has been accredited by American Association for Laboratory Accreditation(A2LA) to ISO/IEC 17025: 2005 General Requirements for the Competence of Testing and Calibration Laboratories for the technical competence in the field of Electrical Testing. And the A2LA Certificate No.: 4750.01. FCC Accredited Test Site Number: 854351.

IC Registration No.: (11950A-1)

The Laboratory has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing. The site registration: Site# 11950A.



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2. Test Summary

	FCC Part 15 Subpart (15.239)			
Standard Section	Test Item	Test Sample(s)	Judgment	Remark
15.203	Antenna Requirement	TBBJ-20200804-09-2-1#	PASS	
15.207	Conducted Emission	TBBJ-20200804-09-1-1#	PASS	
15.239 &15.209	Radiation Emission	TBBJ-20200804-09-1-1# TBBJ-20200804-09-2-1#	PASS	NE ST
15.239	Occupied Bandwidth	TBBJ-20200804-09-2-1#	PASS	W. A.

Note: N/A is an abbreviation for Not Applicable.

3. Test Software

Test Item	Test Software	Manufacturer	Version No.
Conducted Emission	EZ-EMC	EZ	CDI-03A2
Radiation Emission	EZ-EMC	EZ	FA-03A2RE
RF Conducted Measurement	MTS-8310	MWRFtest	V2.0.0.0



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4. Test Equipment

Conducted Emission	Test				
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Due Date
EMI Test Receiver	Rohde & Schwarz	ESCI	100321	Jul. 06, 2020	Jul. 05, 2021
RF Switching Unit	Compliance Direction Systems Inc	RSU-A4	34403	Jul. 06, 2020	Jul. 05, 2021
AMN	SCHWARZBECK	NNBL 8226-2	8226-2/164	Jul. 06, 2020	Jul. 05, 2021
LISN	Rohde & Schwarz	ENV216	101131	Jul. 06, 2020	Jul. 05, 2021
Radiation Emission 1	est	-	-		-
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Due Date
Spectrum Analyzer	Agilent	E4407B	MY45106456	Jul. 06, 2020	Jul. 05, 2021
EMI Test Receiver	Rohde & Schwarz	ESPI	100010/007	Jul. 06, 2020	Jul. 05, 2021
Spectrum Analyzer	Rohde & Schwarz	FSV40-N	102197	Jul. 06, 2020	Jul. 05, 2021
Bilog Antenna	ETS-LINDGREN	3142E	00117537	Mar.01, 2020	Feb. 28, 2022
Horn Antenna	ETS-LINDGREN	3117	00143207	Mar.01, 2020	Feb. 28, 2022
Horn Antenna	ETS-LINDGREN	BBHA 9170	BBHA9170582	Mar.01, 2020	Feb. 28, 2022
Loop Antenna	SCHWARZBECK	FMZB 1519 B	1519B-059	Jul. 07, 2020	Jul. 06, 2021
Pre-amplifier	Sonoma	310N	185903	Mar.01, 2020	Feb. 28, 2021
Pre-amplifier	HP	8449B	3008A00849	Mar.01, 2020	Feb. 28, 2021
Pre-amplifier	SKET	LNPA_1840G-50	SK201904032	Mar.01, 2020	Feb. 28, 2021
Cable	HUBER+SUHNER	100	SUCOFLEX	Mar.01, 2020	Feb. 28, 2021
Positioning Controller	ETS-LINDGREN	2090	N/A	N/A	N/A
Antenna Conducted	Emission				
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Due Date
Spectrum Analyzer	Agilent	E4407B	MY45106456	Jul. 06, 2020	Jul. 05, 2021
Spectrum Analyzer	Rohde & Schwarz	ESPI	100010/007	Jul. 06, 2020	Jul. 05, 2021
MXA Signal Analyzer	Agilent	N9020A	MY49100060	Sep. 11, 2020	Sep. 10, 2021
Vector Signal Generator	Agilent	N5182A	MY50141294	Sep. 11, 2020	Sep. 10, 2021
Analog Signal Generator	Agilent	N5181A	MY50141953	Sep. 11, 2020	Sep. 10, 2021
	DARE!! Instruments	RadiPowerRPR3006W	17I00015SNO26	Sep. 11, 2020	Sep. 10, 2021
	DARE!! Instruments	RadiPowerRPR3006W	17I00015SNO29	Sep. 11, 2020	Sep. 10, 2021
RF Power Sensor	DARE!! Instruments	RadiPowerRPR3006W	17I00015SNO31	Sep. 11, 2020	Sep. 10, 2021
	DARE!! Instruments	RadiPowerRPR3006W	17I00015SNO33	Sep. 11, 2020	Sep. 10, 2021



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5. Conducted Emission Test

5.1 Test Standard and Limit

5.1.1Test Standard FCC Part 15.207

5.1.2 Test Limit

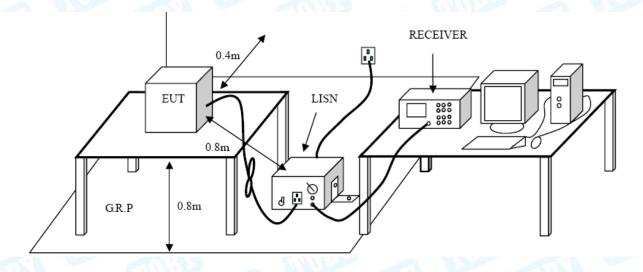
Conducted Emission Test Limit

Ereguenay	Maximum RF Line Voltage (dBμV)		
Frequency	Quasi-peak Level	Average Level	
150kHz~500kHz	66 ~ 56 *	56 ~ 46 *	
500kHz~5MHz	56	46	
5MHz~30MHz	60	50	

Notes:

- (1) *Decreasing linearly with logarithm of the frequency.
- (2) The lower limit shall apply at the transition frequencies.
- (3) The limit decrease in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.

5.2 Test Setup





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5.3 Test Procedure

The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/50uH of coupling impedance for the measuring instrument.

Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.

I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.

LISN at least 80 cm from nearest part of EUT chassis.

The bandwidth of EMI test receiver is set at 9kHz, and the test frequency band is from 0.15MHz to 30MHz.

5.4 Deviation From Test Standard

No deviation

5.5 Test Data

Not Applicable



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6. Radiated Emission Test

6.1 Test Standard and Limit

6.1.1 Test Standard FCC Part 15.209 & 15.239

6.1.2 Test Limit

According to FCC 15.209 requirement:

In addition to the provisions of Section 15.209, the field strength of emissions from intentional radiators operated under this Section shall not exceed the following:

Frequency (MHz	Field Strength (microvolt/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

Radiated Emission Limit (Above 1000MHz)

Frequency	Distance Meters(at 3m)				
(MHz)	Peak	Average			
Above 1000	74	54			

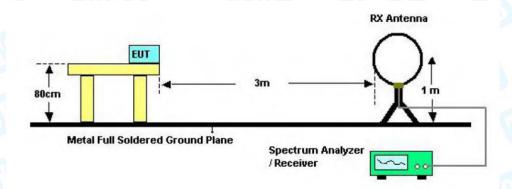
Note:

- (1) The tighter limit applies at the band edges.
- (2) Emission Level (dBuV/m)=20log Emission Level (uV/m)

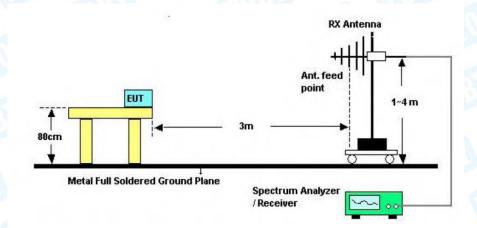


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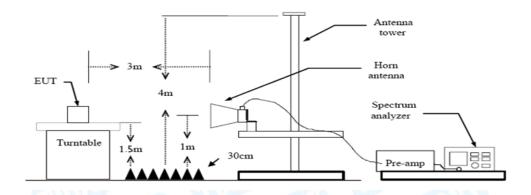
6.2 Test Setup



Below 30MHz Test Setup



Below 1000MHz Test Setup



Above 1GHz Test Setup



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6.3 Test Procedure

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

- (2) Measurements at frequency above 1GHz. The EUT was placed on a rotating 1.5m high above the ground. RF absorbers covered the ground plane with a minimum area of 3.0m by 3.0m between the EUT and measurement receiver antenna. The RF absorber shall not exceed 30cm in high above the conducting floor. The table was rotated 360 degrees to determine the position of the highest radiation.
- (3) The Test antenna shall vary between 1m and 4m, Both Horizontal and Vertical antenna are set to make measurement.
- (4) The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- (5) If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit Bellow 1 GHz, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed. But the Peak Value and average value both need to comply with applicable limit above 1 GHz.
- (6) Testing frequency range below 1GHz the measuring instrument use VBW=120 kHz with Quasi-peak detection.
- (7) Testing frequency range above 1GHz the measuring instrument use RBW=1 MHz and VBW=3 MHz with Peak Detector for Peak Values, and use RBW=1 MHz and VBW=10 Hz with Peak Detector for Average Values.
- (8) For the actual test configuration, please see the test setup photo.

6.4 EUT Operating Condition

The Equipment Under Test was set to Continual Transmitting in maximum power.

6.5 Deviation From Test Standard

No deviation

6.6 Test Data

Please refer to the Attachment A.



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7. Fundamental and Band Edge Test

7.1 Test Standard and Limit

7.1.1 Test Standard

FCC Part 15.209 & 15.239

7.1.2 Test Limit

According to FCC 15.239(a)(b) and 15.209 requirement:

The field strength of emissions from the intentional radiators operated under these frequency bands shall not exceed the following:

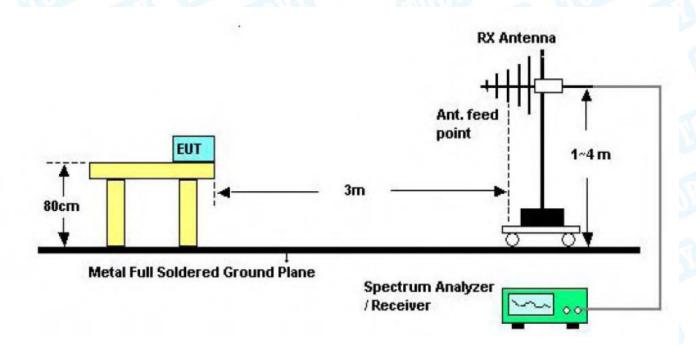
Fundamental Frequency (MHz)	amental (dBuV/m)	
88 to 108	Peak	Average
00 10 100	67.96	47.96

According to FCC 15.239(c) and 15.209 requirements:

Field strength of outside of the frequency bands limit show in below table.

Outside Frequency Band Edge	Distance Meters(at 3m)
Below 88 MHz	40.0 (QP)
Above 108 MHz	43.5 (QP)

7.2 Test Setup





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7.3 Test Procedure

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

- (2) Measurements at frequency above 1GHz. The EUT was placed on a rotating 1.5m high above the ground. RF absorbers covered the ground plane with a minimum area of 3.0m by 3.0m between the EUT and measurement receiver antenna. The RF absorber shall not exceed 30cm in high above the conducting floor. The table was rotated 360 degrees to determine the position of the highest radiation.
- (3) The Test antenna shall vary between 1m and 4m, Both Horizontal and Vertical antenna are set to make measurement.
- (4) The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- (5) If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit Bellow 1 GHz, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed. But the Peak Value and average value both need to comply with applicable limit above 1 GHz.
- (6) Testing frequency range below 1GHz the measuring instrument use VBW=120 kHz with Quasi-peak detection.
- (7) Testing frequency range above 1GHz the measuring instrument use RBW=1 MHz and VBW=3 MHz with Peak Detector for Peak Values, and use RBW=1 MHz and VBW=10 Hz with Peak Detector for Average Values.
- (8) For the actual test configuration, please see the test setup photo.

7.4 EUT Operating Condition

The Equipment Under Test was set to Continual Transmitting in maximum power.

7.5 Deviation From Test Standard

No deviation

7.6 Test Data

Please refer to the Attachment B.



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8. Bandwidth

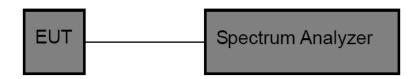
8.1 Test Standard and Limit

8.1.1 Test Standard FCC Part 15.239

8.1.2 Test Limit

Emissions from the intentional radiator shall be confined within a band 200 kHz wide centered on the operating frequency. The 200 kHz band shall lie wholly within the frequency range of 88-108 MHz.

8.2 Test Setup



8.3 Test Procedure

- (1) Set Spectrum Analyzer Center Frequency= Fundamental Frequency, RBW=3 kHz, VBW= 10 kHz, Span= 300 kHz.
- (2) Measured the spectrum width with power higher than 20 dB below carrier.

8.4 EUT Operating Condition

The Equipment Under Test was Programmed to be in continuously transmitting mode.

8.5 Deviation From Test Standard

No deviation

8.6 Test Data

Please refer to the Attachment C.



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9. Antenna Requirement

9.1 Standard Requirement

9.1.1 Standard FCC Part 15.203

9.1.2 Requirement

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this Section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

9.2 Antenna Connected Construction

The gains of the antenna used for transmitting is -1.5 dBi, and the antenna connector is de-signed with permanent attachment and no consideration of replacement. Please see the EUT photo for details.

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

	Antenna Type
3 m	▶ Permanent attached antenna
TOBY	□ Unique connector antenna
	□ Professional installation antenna



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Attachment A-- Radiated Emission Test Data

9 KHz~30 MHz

From 9 KHz to 30 MHz: Conclusion: PASS

Note: The amplitude of spurious emissions which are attenuated by more than 20dB

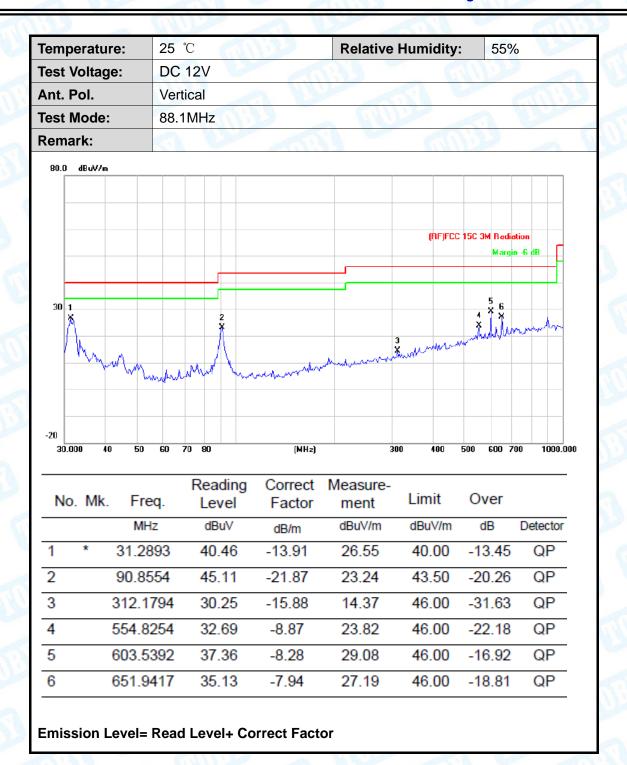
Below the permissible value has no need to be reported.

30MHz~1GHz

emperature:	25 ℃		Relative Humidity: 55%				
est Voltage:	DC 12V			CAR.	A STATE OF THE PARTY OF THE PAR		
Ant. Pol.	Horizontal				W.	939	
Test Mode:	88.1MHz		MAL		6.30	696	
Remark:				Ullin			
30 dBuV/m	50 60 70	2 3 X X (MHz)	Mymmulum	(AF)FC	5 6 X X	a · 6 dB	
	Readir	ng Correct	Measure-		0		
	req. Level		ment	Limit	Over		
	∕lHz dBuV	dD/III	dBuV/m	dBuV/m	dB	Detector	
	2205 43.06		21.20	43.50	-22.30	peak	
2 100.	.2286 37.19	-21.95	15.24	43.50	-28.26	QP	
3 176.	.8878 38.14	-20.23	17.91	43.50	-25.59	QP	
4 263	.8190 34.40	-16.96	17.44	46.00	-28.56	QP	
. 200.			23.29	46.00	-22.71	QP	
	.5392 31.57	-8.28	23.28	10.00			



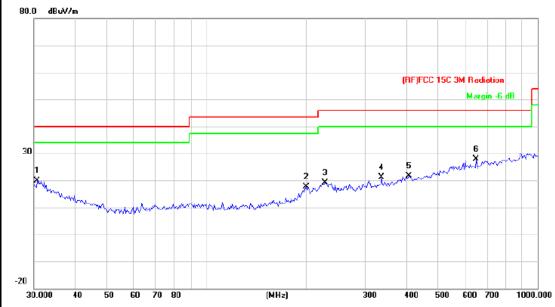
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25 ℃	Relative Humidit	t y: 55%
DC 12V		
Horizontal		
98.1MHz	Unine	
0		
	DC 12V Horizontal	DC 12V Horizontal

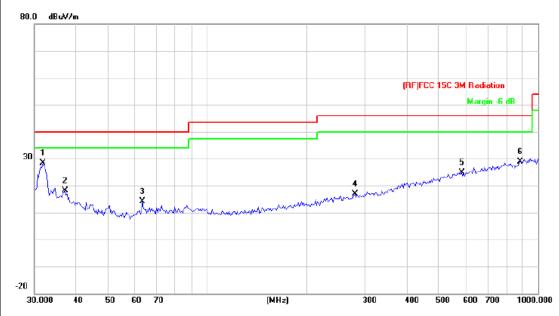


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		30.6379	33.42	-13.42	20.00	40.00	-20.00	QP
2		199.2855	37.58	-19.94	17.64	43.50	-25.86	QP
3		227.6906	37.50	-18.44	19.06	46.00	-26.94	QP
4		337.2155	36.21	-15.05	21.16	46.00	-24.84	QP
5		407.5145	33.94	-12.24	21.70	46.00	-24.30	QP
6	*	651.9417	35.80	-7.94	27.86	46.00	-18.14	QP



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Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	DC 12V		
Ant. Pol.	Vertical		
Test Mode:	98.1MHz	anne	J. C.
Remark:		ann'i	

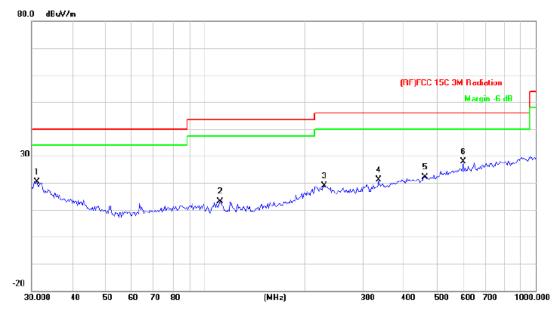


No	. Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	31.7313	42.70	-14.25	28.45	40.00	-11.55	QP
2		37.0248	35.72	-17.61	18.11	40.00	-21.89	QP
3		63.5356	38.03	-23.93	14.10	40.00	-25.90	QP
4		279.0436	33.51	-16.69	16.82	46.00	-29.18	QP
5		586.8437	33.27	-8.47	24.80	46.00	-21.20	QP
6		881.4067	33.73	-4.85	28.88	46.00	-17.12	QP



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Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	DC 12V		100
Ant. Pol.	Horizontal		
Test Mode:	107.9MHz		A VIII
Remark:			
80.0 dBuV/m			

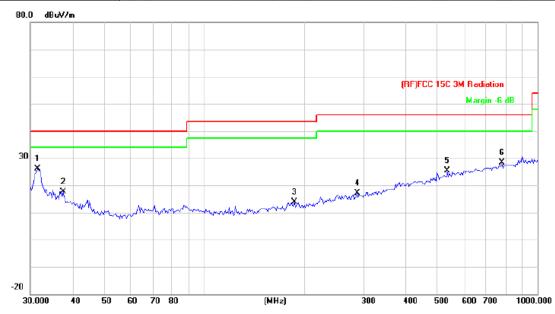


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1		31.0706	34.04	-13.74	20.30	40.00	-19.70	QP
2		111.3468	35.41	-22.28	13.13	43.50	-30.37	QP
3		229.2931	37.27	-18.35	18.92	46.00	-27.08	QP
4		334.8589	36.38	-15.14	21.24	46.00	-24.76	QP
5		462.3455	33.74	-11.57	22.17	46.00	-23.83	QP
6	*	603.5392	36.20	-8.28	27.92	46.00	-18.08	QP



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Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	DC 12V		
Ant. Pol.	Vertical		
Test Mode:	107.9MHz	MULL	
Remark:		mn i	

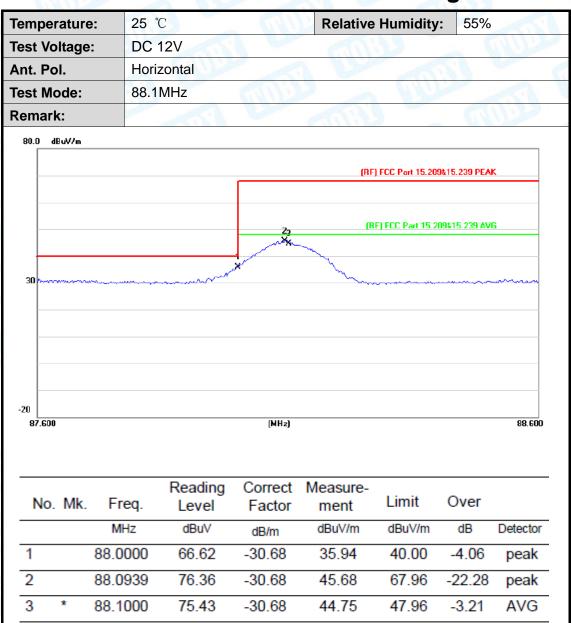


No	o. Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	31.5095	40.10	-14.08	26.02	40.00	-13.98	QP
2		37.5479	35.58	-17.85	17.73	40.00	-22.27	QP
3		185.7882	33.90	-19.94	13.96	43.50	-29.54	QP
4		286.9823	33.75	-16.54	17.21	46.00	-28.79	QP
5		535.7073	34.77	-9.38	25.39	46.00	-20.61	QP
6		782.3453	34.30	-5.98	28.32	46.00	-17.68	QP





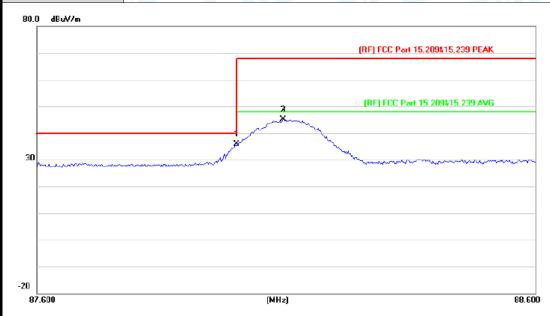
Attachment B--Fundamental and Band Edge Test Data





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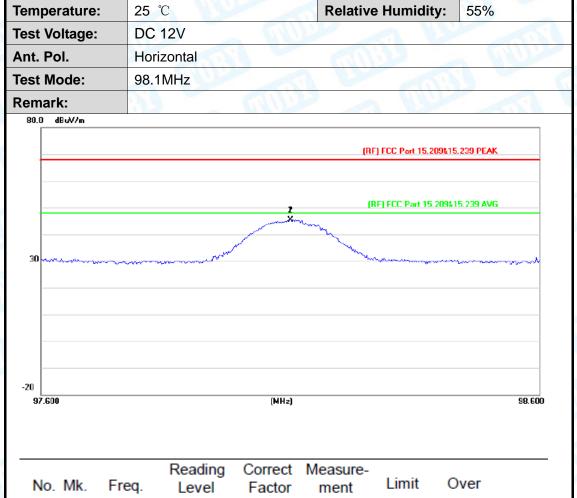
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	DC 12V		
Ant. Pol.	Vertical	WILLIAM STATE	ALI DE
Test Mode:	88.1MHz		
Remark:			



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		88.0000	66.57	-30.68	35.89	40.00	-4.11	peak
2		88.0939	75.86	-30.68	45.18	67.96	-22.78	peak
3	*	88.0939	75.86	-30.68	45.18	47.96	-2.78	AVG



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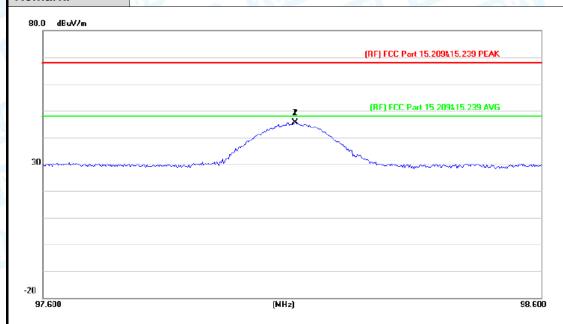


No.	Mk.	Freq.	Level		ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		98.0999	76.06	-30.56	45.50	67.96	-22.46	peak
2	*	98.0999	76.06	-30.56	45.50	47.96	-2.46	AVG



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Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	DC 12V	The state of the s	
Ant. Pol.	Vertical		CHUCK
Test Mode:	98.1MHz		
Remark:	THE STILL		

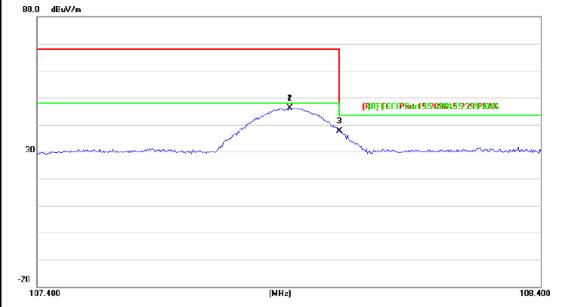


No	o. Mk.	Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		98.1059	76.17	-30.56	45.61	67.96	-22.35	peak
2	*	98.1059	76.17	-30.56	45.61	47.96	-2.35	AVG



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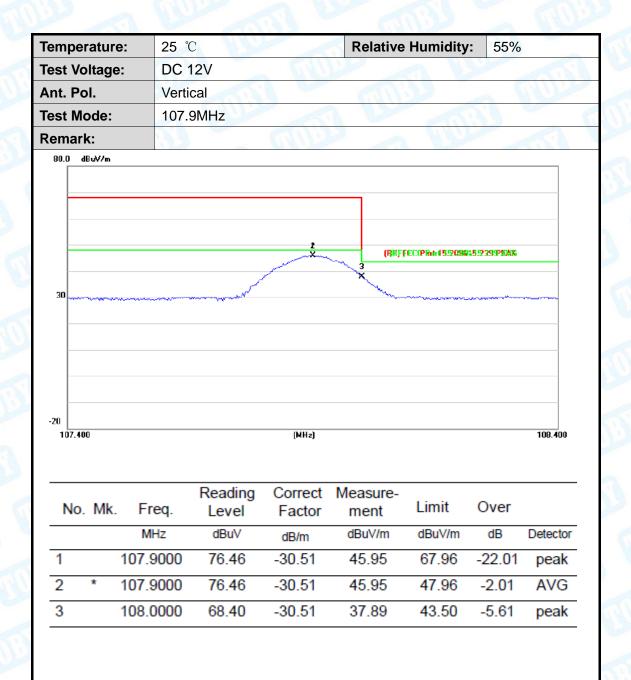
		WI WI L	
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	DC 12V		
Ant. Pol.	Horizontal		DHO:
Test Mode:	107.9MHz		
Remark:	33 010		
80.0 dBuV/m			



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		107.9020	76.68	-30.51	46.17	67.96	-21.79	peak
2	*	107.9020	76.68	-30.51	46.17	47.96	-1.79	AVG
3		108.0000	68.02	-30.51	37.51	43.50	-5.99	peak



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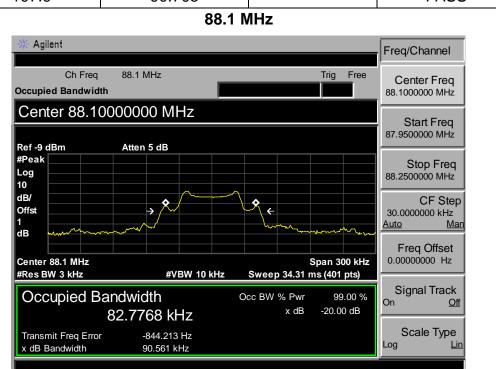




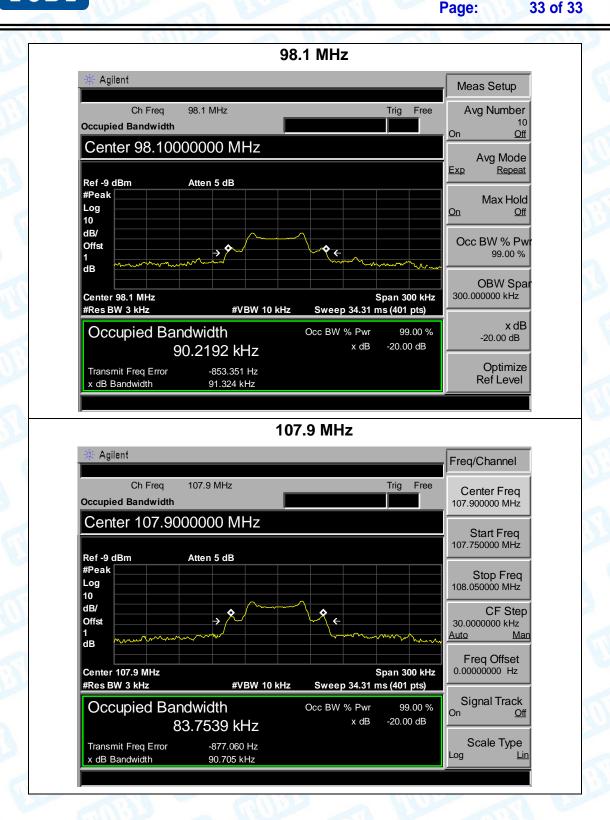
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Attachment C-- Bandwidth Data

Frequency (MHz)	20 dB Bandwidth (kHz)	Limits (kHz)	Result
88.1	90.561		PASS
98.1	91.324	200	PASS
107.9	90.705		PASS







----END OF REPORT----