

FCC Test Report

Report No.: AGC01110210750FE02A

FCC ID : 2AOKB-A3561

APPLICATION PURPOSE: Class II Equipment

PRODUCT DESIGNATION: Soundcore BeatLight B32

BRAND NAME : soundcore

MODEL NAME : A3561, A3560

APPLICANT: Anker Innovations Limited

DATE OF ISSUE : Nov. 08, 2021

STANDARD(S) : FCC Part 15.247

REPORT VERSION : V1.0

Attestation of Global Compliance (Shenzhen) Co., Ltd

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REPORT REVISE RECORD

Report Version	Revise Time	Issued Date	Valid Version	Notes
V1.0	/	Nov. 08, 2021	Valid	Initial Release

Note:

The original test report Ref. No. AGC01110210750FE02 dated Aug. 25, 2021 was modified on Nov. 08, 2021 to include the following changes:

- -Update the EUT photos;
- -Update the EMC test photos;
- -Add a 22uF capacitor to the input;
- -Increase indicator circuit;
- -Add glue process to the light strip;
- -Update the hardware version and software version;
- -Add two 22uF capacitors to the output end (connect to one end of the light strip) and remove one magnetic bead;

For the above described change(s), the Radiated Emission and Conducted Emission had been tested for the Class II device.

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1. VERIFICATION OF COMPLIANCE

Anker Innovations Limited	
Room 1318-19, Hollywood Plaza, 610 Nathan Road, Mongkok, Kowloon, Hongkong	
Anker Innovations Limited	
Room 1318-19, Hollywood Plaza, 610 Nathan Road, Mongkok, Kowloon, Hongkong	
Soundcore BeatLight B32	
soundcore	
Test Model A3561	
A3560	
All the same except for the model name	
Nov. 01, 2021 to Nov. 05, 2021	
No any deviation from the test method	
Normal	
Pass	
AGCRT-US-BLE/RF	

We hereby certify that:

The above equipment was tested by Attestation of Global Compliance (Shenzhen) Co., Ltd. The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.10 (2013) and the energy emitted by the sample EUT tested as described in this report is in compliance with radiated emission limits of FCC part 15.247.

Prepared By	John Feng	
o do	John Zeng (Project Engineer)	Nov. 08, 2021
Reviewed By	Calin Lin	
P.G.	Calvin Liu (Reviewer)	Nov. 08, 2021
Approved By	Max Zhang	
<u> </u>	Max Zhang (Authorized Officer)	Nov. 08, 2021

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2. GENERAL INFORMATION

2.1. PRODUCT DESCRIPTION

The EUT is designed as a "Soundcore BeatLight B32". It is designed by way of utilizing the GFSK technology to achieve the system operation.

A major technical description of EUT is described as following

,		
Operation Frequency	2.402GHz to 2.480GHz	
RF Output Power	GFSK 1Mbps: 6.605dBm (Max) GFSK 2Mbps: 6.439dBm (Max)	
Bluetooth Version	V5.0	
Modulation BR⊠GFSK, EDR⊠π /4-DQPSK, ⊠8DPSK BLE⊠GFSK 1Mbps ⊠GFSK 2Mbps		
Number of channels 40 Channels		
Antenna Designation PCB Antenna (Comply with requirements of the FCC part 15.203)		
Antenna Gain 1.73dBi		
Hardware Version A3561-MAIN-V0.4		
Software Version A3561_FW_RELEASE_V2.0.0		
Power Supply DC 12V by adapter		

2.2. TABLE OF CARRIER FREQUENCYS

Frequency Band	Channel Number	Frequency
CO C	0	2402 MHz
NO 100	. 1	2404 MHz
2400~2483.5MHz		
100 ac	38	2478 MHz
10	39	2480 MHz

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2.3. RELATED SUBMITTAL(S)/GRANT(S)

This submittal(s) (test report) is intended for **FCC ID: 2AOKB-A3561** filing to comply with the FCC Part 15.247 requirements.

2.4. TEST METHODOLOGY

Both conducted and radiated testing was performed according to the procedures in ANSI C63.10 (2013). Radiated testing was performed at an antenna to EUT distance 3 meters.

2.5. SPECIAL ACCESSORIES

Refer to section 5.2.

2.6. EQUIPMENT MODIFICATIONS

Not available for this EUT intended for grant.

2.7. ANTENNA REQUIREMENT

This intentional radiator is designed with a permanently attached antenna of an antenna to ensure that no antenna other than that furnished by the responsible party shall be used with the device. For more information of the antenna, please refer to the APPENDIX B: PHOTOGRAPHS OF EUT.

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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%.

Item	Measurement Uncertainty
Uncertainty of Conducted Emission for AC Port	$U_c = \pm 3.1 \text{ dB}$
Uncertainty of Radiated Emission below 1GHz	$U_c = \pm 4.0 \text{ dB}$
Uncertainty of Radiated Emission above 1GHz	$U_c = \pm 4.8 \text{ dB}$
Uncertainty of total RF power, conducted	$U_c = \pm 0.8 \text{ dB}$
Uncertainty of RF power density, conducted	$U_c = \pm 2.6 \text{ dB}$
Uncertainty of spurious emissions, conducted	$U_c = \pm 2 \%$
Uncertainty of Occupied Channel Bandwidth	$U_c = \pm 2 \%$

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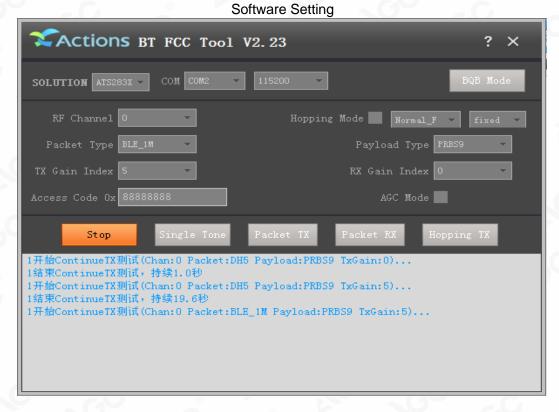


4. DESCRIPTION OF TEST MODES

NO.	TEST MODE DESCRIPTION	
1	Low channel TX (1M)	
2	Middle channel TX (1M)	
3	High channel TX (1M)	
4	Low channel TX (2M)	
5	Middle channel TX (2M)	
6	High channel TX (2M)	

Note: 1. 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. For Conducted Test method, a temporary antenna connector is provided by the manufacture.



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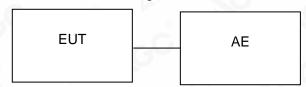


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5. SYSTEM TEST CONFIGURATION

5.1. CONFIGURATION OF TESTED SYSTEM

Radiated Emission Configure:



Conducted Emission Configure:

EUT	AE
-----	----

5.2. EQUIPMENT USED IN TESTED SYSTEM

	Item	Equipment	Model No.	ID or Specification	Remark
	1	Soundcore BeatLight B32	A3561	2AOKB-A3561	EUT
	2	Control Box	USB-TTL	N/A	AE
T. 181	3	Adapter	BI24G-120200-AdU	Input: AC 100-240V 50/60Hz 0.8A Output: DC 12V, 2A	Accessory

5.3. SUMMARY OF TEST RESULTS

FCC RULES	DESCRIPTION OF TEST	RESULT
15.209	Radiated Emission	Compliant
15.207	Conducted Emission	Compliant

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6. TEST FACILITY

Test Site Attestation of Global Compliance (Shenzhen) Co., Ltd	
Location	1-2/F, Building 19, Junfeng Industrial Park, Chongqing Road, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China
Designation Number CN1259	
FCC Test Firm Registration Number 975832 A2LA Cert. No. 5054.02 Description Attestation of Global Compliance (Shenzhen) Co., Ltd is accredited by A2	

TEST EQUIPMENT OF CONDUCTED EMISSION TEST

Equipment	Manufacturer	Model	S/N	Cal. Date	Cal. Due
Test Receiver	R&S	ESPI	101206	May 11, 2021	May 10, 2022
LISN	R&S	ESH2-Z5	100086	Jun. 09, 2021	Jun. 08, 2022
Test Software	FARA	EZ-EMC(Ver.AGC -CON03A1)	N/A	N/A	N/A

TEST EQUIPMENT OF RADIATED EMISSION TEST

Equipment	Manufacturer	Model	S/N	Cal. Date	Cal. Due
Test Receiver	R&S	ESCI	10096	Apr. 14, 2021	Apr. 13, 2022
EXA Signal Analyzer	Aglient	N9010A	MY53470504	Dec. 07, 2020	Dec. 06, 2021
2.4GHz Filter	EM Electronics	2400-2500MHz	N/A	Mar. 23, 2020	Mar. 22, 2022
Attenuator	ZHINAN	E-002	N/A	Sep. 03, 2020	Sep. 02, 2022
Horn Antenna	SCHWARZBECK	BBHA9170	768	Oct. 31, 2021	Oct. 30, 2023
Active loop antenna (9K-30MHz)	ZHINAN	ZN30900C	18051	May 22, 2020	May 21, 2022
Double-Ridged Waveguide Horn	ETS	3117	00034609	Apr. 23, 2021	Apr. 22, 2023
Preamplifier Assembly	ETS LINDGREN	3117PA	00225134	Sep. 03, 2020	Sep. 02, 2022
WIDEBAND REQUENCY ANTENNA	SCHWARZBECK	VULB9168	VULB9168-49 4	Jan. 08, 2021	Jan. 07, 2023
Test Software	FARA	EZ-EMC(Ver.RA-0 3A)	N/A	N/A	N/A

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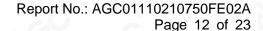
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7. RADIATED EMISSION

7.1. MEASUREMENT PROCEDURE

- 1. The EUT was placed on the top of the turntable 0.8 or 1.5 meter above ground. The phase center of the receiving antenna mounted on the top of a height-variable antenna tower was placed 3 meters far away from the turntable.
- Power on the EUT and all the supporting units. The turntable was rotated by 360 degrees to determine the position of the highest radiation.
- 3. The height of the broadband receiving antenna was varied between one meter and four meters above ground to find the maximum emissions field strength of both horizontal and vertical polarization.
- 4. For each suspected emission, the antenna tower was scan (from 1 M to 4 M) and then the turntable was rotated (from 0 degree to 360 degrees) to find the maximum reading.
- Set the test-receiver system to Peak or CISPR quasi-peak Detect Function with specified bandwidth under Maximum Hold Mode.
- 6. For emissions above 1GHz, use 1MHz RBW and 3MHz VBW for peak reading. Place the measurement antenna away from each area of the EUT determined to be a source of emissions at the specified measurement distance, while keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response. The measurement antenna may have to be higher or lower than the EUT, depending on the radiation pattern of the emission and staying aimed at the emission source for receiving the maximum signal. The final measurement antenna elevation shall be that which maximizes the emissions. The measurement antenna elevation for maximum emissions shall be restricted to a range of heights of from 1 m to 4 m above the ground or reference ground plane.
- 7. When the radiated emissions limits are expressed in terms of the average value of the emissions, and pulsed operation is employed, the measurement field strength shall be determined by averaging over one complete pulse train, including blanking intervals, as long as the pulse train does not exceed 0.1 seconds. As an alternative (provided the transmitter operates for longer than 0.1 seconds) or in cases where the pulse train exceeds 0.1 seconds, the measured field strength shall be determined from the average absolute voltage during a 0.1 second interval during which the field strength is at its maximum values.
- 8.If the emissions level of the EUT in peak mode was 3 dB lower than the average limit specified, then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions which do not have 3 dB margin will be repeated one by one using the quasi-peak method for below 1GHz.
- 9. For testing above 1GHz, the emissions level of the EUT in peak mode was lower than average limit (that means the emissions level in peak mode also complies with the limit in average mode), then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.
- 10. In case the emission is lower than 30MHz, loop antenna has to be used for measurement and the recorded data should be QP measured by receiver. High Low scan is not required in this case.

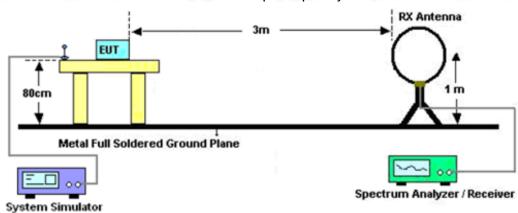
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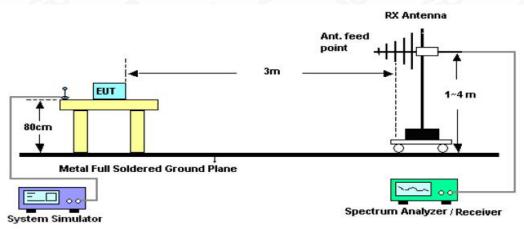


7.2. TEST SETUP

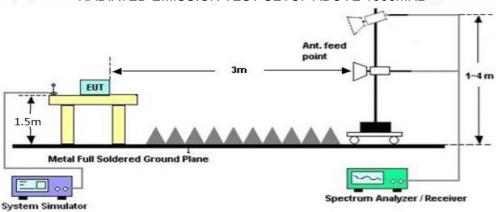
Radiated Emission Test-Setup Frequency Below 30MHz



RADIATED EMISSION TEST SETUP 30MHz-1000MHz



RADIATED EMISSION TEST SETUP ABOVE 1000MHz



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7.3. LIMITS AND MEASUREMENT RESULT

15.209 Limit in the below table has to be followed

Frequencies (MHz)	Field Strength (microvolts/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		

Note: All modes were tested for restricted band radiated emission, the test records reported below are the worst result compared to other modes.

7.4. TEST RESULT

Radiated emission below 30MHz

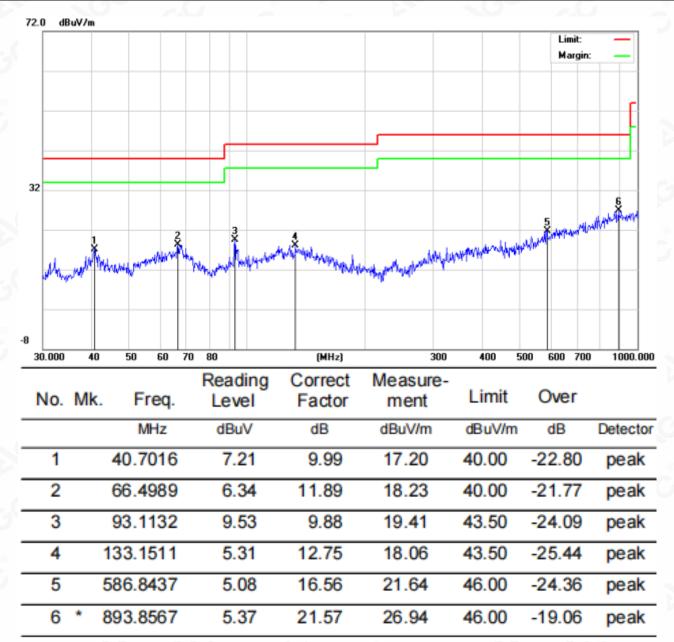
The amplitude of spurious emissions from 9kHz to 30MHz which are attenuated more than 20 dB below the permissible value need not be reported.

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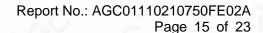
Radiated emission from 30MHz to 1000MHz

EUT	Soundcore BeatLight B32	Model Name	A3561
Temperature	21.8°C	Relative Humidity	58%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 1	Antenna	Horizontal



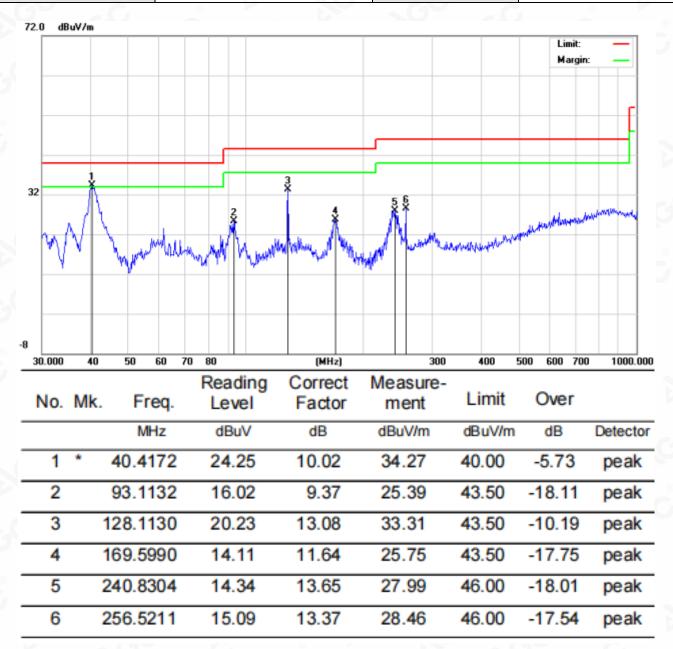
RESULT: PASS

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EUT Soundcore BeatLight B32 **Model Name** A3561 **Temperature** 21.8°C **Relative Humidity** 58% 960hPa Normal Voltage **Pressure Test Voltage Test Mode** Mode 1 Antenna Vertical



RESULT: PASS

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

2. All test modes had been tested. The mode 1 is the worst case and recorded in the report.

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g/Inspection
The test results
the test report.

Radiated emission above 1GHz

EUT	Soundcore BeatLight B32	Model Name	A3561
Temperature	21.8°C	Relative Humidity	58%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 1	Antenna	Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Tree
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Value Type
4804.000	46.58	0.08	46.66	74	-27.34	peak
4804.000	37.69	0.08	37.77	54	-16.23	AVG
7206.000	43.67	2.21	45.88	74	-28.12	peak
7206.000	32.95	2.21	35.16	54	-18.84	AVG
-66	0	·		-60	8	8
emark:	0		8			C
actor = Anter	na Factor + Cable	Loss - Pre-	amplifier.			

EUT	Soundcore BeatLight B32	Model Name	A3561
Temperature	21.8°C	Relative Humidity	58%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 1	Antenna	Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Tree	
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Value Type	
4804.000	45.75	0.08	45.83	74	-28.17	peak	
4804.000	36.56	0.08	36.64	54	-17.36	AVG	
7206.000	43.14	2.21	45.35	74	-28.65	peak	
7206.000	32.71	2.21	34.92	54	-19.08	AVG	
	64	-0	0			C	
temark:	(0)		-6	8		\ C	
actor = Anter	nna Factor + Cable	Loss - Pre-	amplifier.	G.	(8)		

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g/Inspection
The test results
the test report.

EUT	Soundcore BeatLight B32	Model Name	A3561
Temperature	21.8°C	Relative Humidity	58%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 2	Antenna	Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Tree
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Value Type
4880.000	47.47	0.14	47.61	74	-26.39	peak
4880.000	37.63	0.14	37.77	54	-16.23	AVG
7320.000	44.28	2.36	46.64	74	-27.36	peak
7320.000	33.59	2.36	35.95	54	-18.05	AVG
8	0				<u> </u>	
mark:	C_	©				©

Factor =	Antenna	Factor -	 Cable L 	oss -	– Pre-a	amplifier.

EUT	Soundcore BeatLight B32	Model Name	A3561
Temperature	21.8°C	Relative Humidity	58%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 2	Antenna	Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Tree	
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Value Type	
4880.000	45.89	0.14	46.03	74	-27.97	peak	
4880.000	36.44	0.14	36.58	54	-17.42	AVG	
7320.000	42.32	2.36	44.68	74	-29.32	peak	
7320.000	33.06	2.36	35.42	54	-18.58	AVG	
	6						
		(8)					
emark:			®				
actor = Anter	nna Factor + Cable	Loss - Pre-	amplifier.				

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EUT	Soundcore BeatLight B32	Model Name	A3561
Temperature	21.8°C	Relative Humidity	58%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 3	Antenna	Horizontal

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Time	
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Value Typ	
4960.000	48.38	0.22	48.6	74	-25.4	peak	
4960.000	38.45	0.22	38.67	54	-15.33	AVG	
7440.000	44.56	2.64	47.2	74	-26.8	peak	
7440.000	35.22	2.64	37.86	54	-16.14	AVG	
	© 1				<u> </u>		
emark:	- 0	®				@	
ctor = Anter	na Factor + Cable	Loss - Pre-	amplifier.			- 0	

EUT	Soundcore BeatLight B32	Model Name	A3561
Temperature	21.8°C	Relative Humidity	58%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	Mode 3	Antenna	Vertical

Frequency	Meter Reading	Factor	Emission Level	Limits	Margin	Value Tree	
(MHz)	(dBµV)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	Value Type	
4960.000	47.87	0.22	48.09	74	-25.91	peak	
4960.000	37.16	0.22	37.38	54	-16.62	AVG	
7440.000	44.52	2.64	47.16	74	-26.84	peak	
7440.000	34.37	2.64	37.01	54	-16.99	AVG	
	6						

RESULT: PASS

Note:

The amplitude of other spurious emissions from 1G to 25 GHz which are attenuated more than 20 dB below the permissible value need not be reported.

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

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

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8. LINE CONDUCTED EMISSION TEST

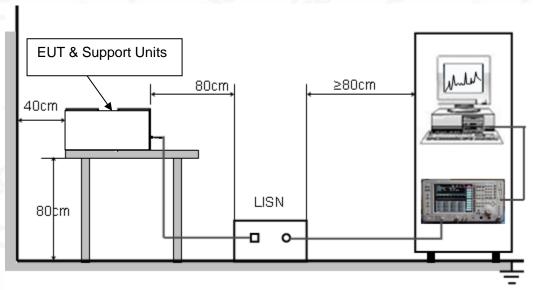
8.1. LIMITS OF LINE CONDUCTED EMISSION TEST

	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.

8.2. BLOCK DIAGRAM OF LINE CONDUCTED EMISSION TEST



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8.3. 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 equipment received AC120V/60Hz power from a LISN, if any.
- 5. The EUT received DC 12V power from adapter which received AC120V/60Hz power from 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.

8.4. FINAL PROCEDURE OF LINE CONDUCTED EMISSION TEST

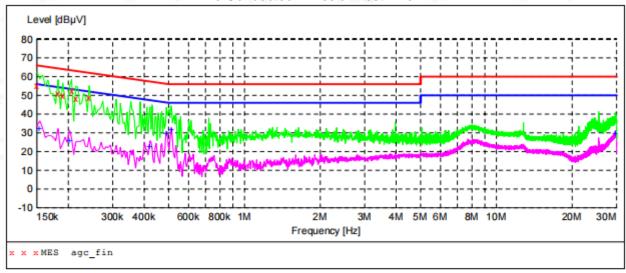
- 1. EUT and support equipment was set up on the test bench as per step 2 of the preliminary test.
- 2. A scan was taken on both power lines, Line 1 and Line 2, recording at least the six highest emissions. Emission frequency and amplitude were recorded into a computer in which correction factors were 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.
- 3. The test data of the worst case condition(s) was reported on the Summary Data page.

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8.5. TEST RESULT OF LINE CONDUCTED EMISSION TEST

Line Conducted Emission Test Line 1-L



MEASUREMENT RESULT: "agc fin"

2021/11/3 10: Frequency MHz	01 Level dBμV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.150000 0.182000 0.190000 0.206000 0.214000 0.242000	55.20 51.20 49.80 52.40 48.10 48.80	6.9 6.7 6.6 6.5 6.5	66 64 64 63 63	10.8 13.2 14.2 11.0 14.9 13.2	QP QP QP QP QP QP	L1 L1 L1 L1 L1	GND GND GND GND GND GND

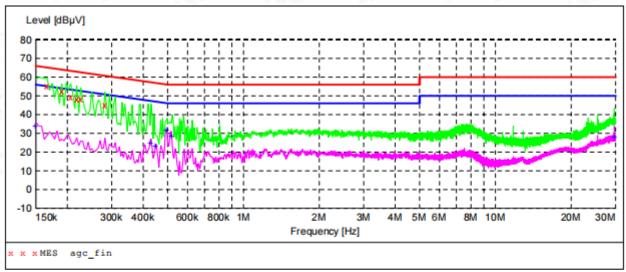
MEASUREMENT RESULT: "agc fin2"

20	21/11/3 10:	00						
	Frequency	Level	Transd	Limit	Margin	Detector	Line	PE
	MHz	dΒμV	dB	dΒμV	dB			
	0.154000	32.10	6.9	56	23.7	AV	L1	GND
	0.202000	25.80	6.5	54	27.7	AV	L1	GND
	0.422000	22.40	5.6	47	25.0	AV	L1	GND
	0.490000	29.80	5.4	46	16.4	AV	L1	GND
	0.514000	31.50	5.4	46	14.5	AV	L1	GND
	29.710000	29.30	9.6	50	20.7	AV	L1	GND
RESUL	T: PASS							

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Line Conducted Emission Test Line 2-N



MEASUREMENT RESULT: "agc fin"

2021/11/3 9:57 Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.166000	55.40	6.8	65	9.8	QP	N	GND
0.190000	52.30	6.6	64	11.7	QP	N	GND
0.206000	49.10	6.5	63	14.3	QP	N	GND
0.218000	48.40	6.4	63	14.5	QP	N	GND
0.226000	48.40	6.4	63	14.2	QP	N	GND
0.282000	44.80	6.1	61	16.0	QP	N	GND

MEASUREMENT RESULT: "agc_fin2"

2021/11/3 9:56 Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.150000	33.70	6.9	56	22.3	AV	N	GND
0.430000	24.70	5.6	47	22.6	AV	N	GND
0.450000	23.20	5.5	47	23.7	AV	N	GND
0.494000	31.80	5.4	46	14.3	AV	N	GND
0.518000	28.50	5.4	46	17.5	AV	N	GND
29.670000	28.10	9.6	50	21.9	AV	N	GND

RESULT: PASS

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APPENDIX A: PHOTOGRAPHS OF TEST SETUP

Refer to the Report No.: AGC01110210750AP01A

APPENDIX B: PHOTOGRAPHS OF EUT

Refer to the Report No.: AGC01110210750AP01A

T----END OF REPORT----

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- 1. All samples and goods are accepted by the Attestation of Global Compliance (Shenzhen) Co., Ltd (the "Company") solely for testing and reporting in accordance with the following terms and conditions. The company provides its services on the basis that such terms and conditions constitute express agreement between the company and any person, firm or company requesting its services (the "Clients").
- 2. Any report issued by Company as a result of this application for testing services (the "Report") shall be issued in confidence to the Clients and the Report will be strictly treated as such by the Company. It may not be reproduced either in its entirety or in part and it may not be used for advertising or other unauthorized purposes without the written consent of the Company. The Clients to whom the Report is issued may, however, show or send it, or a certified copy thereof prepared by the Company to its customer, supplier or other persons directly concerned. The Company will not, without the consent of the Clients, enter into any discussion or correspondence with any third party concerning the contents of the Report, unless required by the relevant governmental authorities, laws or court orders.
- 3. The Company shall not be called or be liable to be called to give evidence or testimony on the Report in a court of law without its prior written consent, unless required by the relevant governmental authorities, laws or court orders.
- 4. In the event of the improper use of the report as determined by the Company, the Company reserves the right to withdraw it, and to adopt any other additional remedies which may be appropriate.
- 5. Samples submitted for testing are accepted on the understanding that the Report issued cannot form the basis of, or be the instrument for, any legal action against the Company.
- 6. The Company will not be liable for or accept responsibility for any loss or damage however arising from the use of information contained in any of its Reports or in any communication whatsoever about its said tests or investigations.
- 7. Clients wishing to use the Report in court proceedings or arbitration shall inform the Company to that effect prior to submitting the sample for testing.
- 8. The Company is not responsible for recalling the electronic version of the original report when any revision is made to them. The Client assumes the responsibility to providing the revised version to any interested party who uses them.
- 9. Subject to the variable length of retention time for test data and report stored hereinto as otherwise specifically required by individual accreditation authorities, the Company will only keep the supporting test data and information of the test report for a period of six years. The data and information will be disposed of after the aforementioned retention period has elapsed. Under no circumstances shall we provide any data and information which has been disposed of after retention period. Under no circumstances shall we be liable for damage of any kind, including (but not limited to) compensatory damages, lost profits, lost data, or any form of special, incidental, indirect, consequential or punitive damages of any kind, whether based on breach of contract of warranty, tort (including negligence), product liability or otherwise, even if we are informed in advance of the possibility of such damages.

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