

TEST REPORT

Product Name : Bluetooth headset

Brand Mark : N/A

Model No. : BH22DT10A

FCC ID : RDR-BH22DT10AL

Report Number : BLA-EMC-202206-A13102

Date of Sample Receipt : 2022/7/4

Date of Test : 2022/7/4 to 2022/7/16

Date of Issue : 2022/7/16

Test Standard : 47 CFR Part 15, Subpart C 15.247

Test Result : Pass

Prepared for:

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REPORT REVISE RECORD

Version No. Date		Description
00	2022/7/16	Original





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1 TEST SUMMARY

Requirement Subpart Conducted Spurious Emissions 47 CFR Subpart 20dB Bandwidth 47 CFR Subpart Conducted Peak Output Power Subpart Conducted Emissions at AC Power Line (150kHz-30MHz) Radiated Spurious Emissions Which fall in the restricted bands Conducted Band 47 CFR	Part 15, C 15.247 Part 15, C 15.247 Part 15, C 15.247 Part 15, C 15.247 Part 15, C 15.247	N/A ANSI C63.10 (2013) Section 7.8.6 & Section 11.11 ANSI C63.10 (2013) Section 7.8.7 ANSI C63.10 (2013) Section 7.8.5 ANSI C63.10 (2013) Section 6.2 ANSI C63.10 (2013) Section 6.2	47 CFR Part 15, Subpart C 15.203 & 15.247(c) 47 CFR Part 15, Subpart C 15.247(d) 47 CFR Part 15, Subpart C 15.247(a)(1) 47 CFR Part 15, Subpart C 15.247(b)(3) 47 CFR Part 15, Subpart C 15.247(b)(3)	Pass Pass Pass Pass
Emissions 20dB Bandwidth 47 CFR Subpart Conducted Peak Output Power Conducted Emissions at AC Power Line (150kHz-30MHz) Radiated Spurious Emissions Radiated Emissions Which fall in the restricted bands Conducted Band 47 CFR Subpart 47 CFR Subpart 47 CFR Subpart 47 CFR Subpart	C 15.247 Part 15, C 15.247 Part 15, C 15.247 Part 15, C 15.247 Part 15, Part 15,	(2013) Section 7.8.6 & Section 11.11 ANSI C63.10 (2013) Section 7.8.7 ANSI C63.10 (2013) Section 7.8.5 ANSI C63.10 (2013) Section 6.2 ANSI C63.10	15.247(d) 47 CFR Part 15, Subpart C 15.247(a)(1) 47 CFR Part 15, Subpart C 15.247(b)(3) 47 CFR Part 15, Subpart C 15.207	Pass
Conducted Peak Output Power Conducted Emissions at AC Power Line (150kHz-30MHz) Radiated Spurious Emissions Radiated Emissions which fall in the restricted bands Conducted Band Subpart 47 CFR Subpart 47 CFR Subpart	C 15.247 Part 15, C 15.247 Part 15, C 15.247 Part 15,	(2013) Section 7.8.7 ANSI C63.10 (2013) Section 7.8.5 ANSI C63.10 (2013) Section 6.2 ANSI C63.10	15.247(a)(1) 47 CFR Part 15, Subpart C 15.247(b)(3) 47 CFR Part 15, Subpart C 15.207	Pass
Output Power Conducted Emissions at AC Power Line (150kHz-30MHz) Radiated Spurious Emissions Radiated Emissions which fall in the restricted bands Conducted Band Subpart 47 CFR Subpart 47 CFR Subpart	C 15.247 Part 15, C 15.247 Part 15,	(2013) Section 7.8.5 ANSI C63.10 (2013) Section 6.2 ANSI C63.10	15.247(b)(3) 47 CFR Part 15, Subpart C 15.207	
Emissions at AC Power Line (150kHz-30MHz) Radiated Spurious Emissions Radiated Emissions which fall in the restricted bands Conducted Band 47 CFR Subpart 47 CFR Subpart	C 15.247 Part 15,	(2013) Section 6.2 ANSI C63.10	15.207	Pass
Emissions Radiated Emissions which fall in the restricted bands Conducted Band Subpart 47 CFR Subpart				
which fall in the restricted bands Conducted Band 47 CFR Subpart 47 CFR 47 CFR 47 CFR 47 CFR		6.4,6.5,6.6	47 CFR Part 15, Subpart C 15.209 & 15.247(d)	Pass
	Part 15, C 15.247	ANSI C63.10 (2013) Section 6.10.5	47 CFR Part 15, Subpart C 15.209 & 15.247(d)	Pass
	Part 15, C 15.247	ANSI C63.10 (2013) Section 7.8.8 & Section 11.13.3.2	47 CFR Part 15, Subpart C 15.247(d)	Pass
	Part 15, C 15.247	ANSI C63.10 (2013) Section 7.8.4	47 CFR Part 15, Subpart C 15.247a(1)(iii)	Pass
	Part 15, C 15.247	ANSI C63.10 (2013) Section 7.8.3	47 CFR Part 15, Subpart C 15.247a(1)(iii)	Pass
	Part 15, C 15.247	ANSI C63.10 (2013) Section 7.8.2	47 CFR Part 15, Subpart C 15.247a(1)	Pass



2 GENERAL INFORMATION

Applicant	Dongguan Hele Electronics Co.,Ltd			
Address	No.325 Yuehui Rd. Daojiao Town Dongguan City Guangdong Province China			
Manufacturer	Dongguan Hele Electronics Co.,Ltd			
Address No.325 Yuehui Rd. Daojiao Town Dongguan City Guangdong China				
Factory	Dongguan Hele Electronics Co.,Ltd			
Address	No.325 Yuehui Rd. Daojiao Town Dongguan City Guangdong Province China			
Product Name	Bluetooth headset			
Test Model No.	BH22DT10A			

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3 GENERAL DESCRIPTION OF E.U.T.

Hardware Version	V5.3
Software Version	V5.3
Operation Frequency:	2402MHz-2480MHz
Modulation Type:	GFSK, pi/4DQPSK
Channel Spacing:	1MHz
Number of Channels:	79
Antenna Type:	Internal Antenna
Antenna Gain:	1.22dBi



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4 TEST ENVIRONMENT

Environment	Temperature	Voltage
Normal	25°C	3.85Vdc

5 TEST MODE

TEST MODE TEST MODE DESCRIPTION			
TX	Keep the EUT in continuously transmitting mode with modulation. (hopping and non hopping mode all have been tested, non hopping mode is worse case for RE)		
Remark: Full battery is used during all test except ac conducted emission, DH1,DH3, DH5 all have bee tested, during the test, GFSK, Pi/4QPSK, 8-DPSK modulation were all pre-scanned Only the 8-DPSK ownst mode would be recorded in this report.			

6 MEASUREMENT UNCERTAINTY

Parameter	Expanded Uncertainty (Confidence of 95%)
Radiated Emission(9kHz-30MHz)	±4.34dB
Radiated Emission(30Mz-1000MHz)	±4.24dB
Radiated Emission(1GHz-18GHz)	±4.68dB
AC Power Line Conducted Emission(150kHz-30MHz)	±3.45dB



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7 DESCRIPTION OF SUPPORT UNIT

Device Type	Device Type Manufacturer		Serial No.	Remark
AC Adapter	UGREEN	CD112	N/A	N/A
PC	HASEE	K610D	N/A	N/A

8 LABORATORY LOCATION

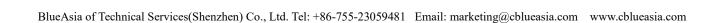
All tests were performed at:

BlueAsia of Technical Services(Shenzhen) Co., Ltd.

Building C, No. 107, Shihuan Road, Shiyan Sub-District, Baoan District, Shenzhen, Guangdong Province, China

Telephone: TEL: +86-755-28682673 FAX: +86-755-28682673

No tests were sub-contracted.





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9 TEST INSTRUMENTS LIST

Test Equipment Of Radiated Spurious Emissions						
Equipment Manufacturer Model		S/N	Cal.Date	Cal.Due		
Chamber	SKET	966	N/A	10/11/2020	9/11/2023	
Spectrum	R&S	FSP40	100817	24/9/2021	23/9/2022	
Receiver	R&S	ESR7	101199	24/9/2021	23/9/2022	
broadband Antenna	Schwarzbeck	VULB9168	00836 P:00227	26/9/2020	25/9/2022	
Horn Antenna	Schwarzbeck	9120D	01892 P:00331	26/9/2020	25/9/2022	
Amplifier	SKET	LNPA-0118-45	N/A	24/9/2021	23/9/2022	
EMI software	EZ	EZ-EMC	N/A	N/A	N/A	
Loop antenna	SCHNARZBECK	FMZB1519B	00102	26/9/2020	25/9/2022	

Test Equipment Of Radiated Emissions which fall in the restricted bands					
Equipment	Manufacturer	Model	S/N	Cal.Date	Cal.Due
Chamber	SKET	966	N/A	10/11/2020	9/11/2023
Spectrum	R&S	FSP40	100817	24/9/2021	23/9/2022
Receiver	R&S	ESR7	101199	24/9/2021	23/9/2022
broadband Antenna	Schwarzbeck	VULB9168	00836 P:00227	26/9/2020	25/9/2022
Horn Antenna	Schwarzbeck	9120D	01892 P:00331	26/9/2020	25/9/2022
Amplifier	SKET	LNPA-0118-45	N/A	24/9/2021	23/9/2022
EMI software	EZ	EZ-EMC	N/A	N/A	N/A
Loop antenna	SCHNARZBECK	FMZB1519B	00102	26/9/2020	25/9/2022



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Test Equipment Of Conducted Band Edges Measurement					
Equipment	Manufacturer	Model	S/N	Cal.Date	Cal.Due
Spectrum	R&S	FSP40	100817	24/9/2021	23/9/2022
Spectrum	Agilent	N9020A	MY49100060	24/9/2021	23/9/2022
Signal Generator	Agilent	N5182A	MY49060650	24/9/2021	23/9/2022
Signal Generator	Agilent	E8257D	MY44320250	24/9/2021	23/9/2022

Test Equipment Of Conducted Spurious Emissions					
Equipment	Manufacturer	Model	S/N	Cal.Date	Cal.Due
Spectrum	R&S	FSP40	100817	24/9/2021	23/9/2022
Spectrum	Agilent	N9020A	MY49100060	24/9/2021	23/9/2022
Signal Generator	Agilent	N5182A	MY49060650	24/9/2021	23/9/2022
Signal Generator	Agilent	E8257D	MY44320250	24/9/2021	23/9/2022

Test Equipment Of Dwell Time					
Equipment	Manufacturer	Model	S/N	Cal.Date	Cal.Due
Spectrum	R&S	FSP40	100817	24/9/2021	23/9/2022
Spectrum	Agilent	N9020A	MY49100060	24/9/2021	23/9/2022
Signal Generator	Agilent	N5182A	MY49060650	24/9/2021	23/9/2022
Signal Generator	Agilent	E8257D	MY44320250	24/9/2021	23/9/2022

Test Equipment Of Hopping Channel Number					
Equipment	Manufacturer	Model	S/N	Cal.Date	Cal.Due
Spectrum	R&S	FSP40	100817	24/9/2021	23/9/2022



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Spectrum	Agilent	N9020A	MY49100060	24/9/2021	23/9/2022
Signal Generator	Agilent	N5182A	MY49060650	24/9/2021	23/9/2022
Signal Generator	Agilent	E8257D	MY44320250	24/9/2021	23/9/2022

Test Equipment Of Carrier Frequencies Separation					
Equipment	Manufacturer	Model	S/N	Cal.Date	Cal.Due
Spectrum	R&S	FSP40	100817	24/9/2021	23/9/2022
Spectrum	Agilent	N9020A	MY49100060	24/9/2021	23/9/2022
Signal Generator	Agilent	N5182A	MY49060650	24/9/2021	23/9/2022
Signal Generator	Agilent	E8257D	MY44320250	24/9/2021	23/9/2022

Test Equipment Of 20dB Bandwidth					
Equipment	Manufacturer	Model	S/N	Cal.Date	Cal.Due
Spectrum	R&S	FSP40	100817	24/9/2021	23/9/2022
Spectrum	Agilent	N9020A	MY49100060	24/9/2021	23/9/2022
Signal Generator	Agilent	N5182A	MY49060650	24/9/2021	23/9/2022
Signal Generator	Agilent	E8257D	MY44320250	24/9/2021	23/9/2022

Test Equipment Of Conducted Peak Output Power					
Equipment	Manufacturer	Model	S/N	Cal.Date	Cal.Due
Spectrum	R&S	FSP40	100817	24/9/2021	23/9/2022
Spectrum	Agilent	N9020A	MY49100060	24/9/2021	23/9/2022
Signal Generator	Agilent	N5182A	MY49060650	24/9/2021	23/9/2022
Signal Generator	Agilent	E8257D	MY44320250	24/9/2021	23/9/2022



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Test Equipment Of	Test Equipment Of Conducted Emissions at AC Power Line (150kHz-30MHz)				
Equipment	Manufacturer	Model	S/N	Cal.Date	Cal.Due
Shield room	SKET	833	N/A	25/11/2020	24/11/2023
Receiver	R&S	ESPI3	101082	24/9/2021	23/9/2022
LISN	R&S	ENV216	3560.6550.15	24/9/2021	23/9/2022
LISN	AT	AT166-2	AKK1806000003	26/9/2021	25/9/2022
EMI software	EZ	EZ-EMC	N/A	N/A	N/A



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10 ANTENNA REQUIREMENT

Test Standard	47 CFR Part 15, Subpart C 15.247
Test Method	N/A

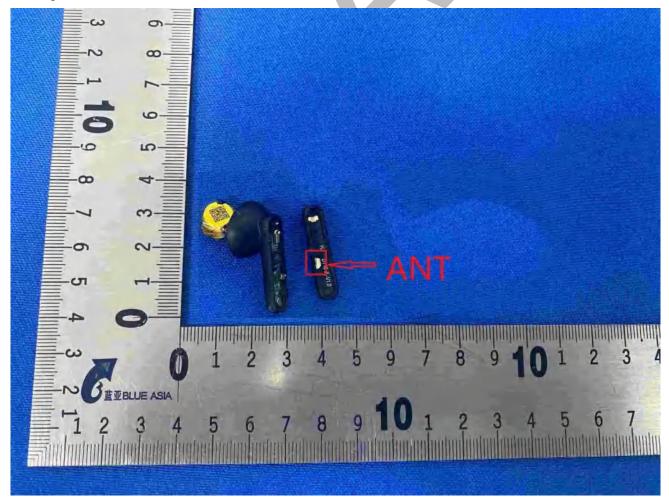
10.1 CONCLUSION

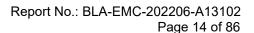
Standard Requirement:

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 antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit permanently attached antenna or of an so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

EUT Antenna:

The antenna is integrated on the main PCB and no consideration of replacement. The best case gain of the antenna is 1.22dBi.







11 CONDUCTED SPURIOUS EMISSIONS

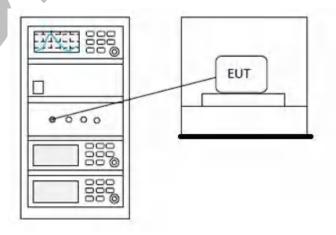
Test Standard	47 CFR Part 15, Subpart C 15.247		
Test Method	ANSI C63.10 (2013) Section 7.8.6 & Section 11.11		
Test Mode (Pre-Scan)	TX		
Test Mode (Final Test)	TX		
Tester	Charlie		
Temperature	25℃		
Humidity	60%		

11.1 LIMITS

Limit:

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

11.2 BLOCK DIAGRAM OF TEST SETUP

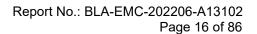




11.3 TEST DATA

Pass: Please Refer To Appendix: Appendix1 For Details



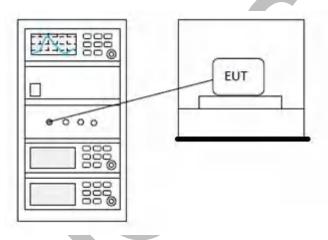




12 20DB BANDWIDTH

Test Standard	47 CFR Part 15, Subpart C 15.247
Test Method	ANSI C63.10 (2013) Section 7.8.7
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	TX
Tester	Charlie
Temperature	25℃
Humidity	60%

12.1 BLOCK DIAGRAM OF TEST SETUP



12.2 TEST DATA

Pass: Please Refer To Appendix: Appendix1 For Details



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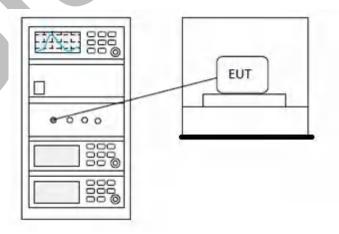
13 CONDUCTED PEAK OUTPUT POWER

Test Standard	47 CFR Part 15, Subpart C 15.247
Test Method	ANSI C63.10 (2013) Section 7.8.5
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	TX
Tester	Charlie
Temperature	25℃
Humidity	60%

13.1 LIMITS

Frequency range(MHz)	Output power of the intentional radiator(watt)
	1 for ≥50 hopping channels
902-928	0.25 for 25≤ hopping channels <50
	1 for digital modulation
	1 for ≥75 non-overlapping hopping channels
2400-2483.5	0.125 for all other frequency hopping systems
	1 for digital modulation
	1 for frequency hopping systems and digital
5725-5850	modulation

13.2 BLOCK DIAGRAM OF TEST SETUP

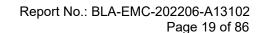




13.3 TEST DATA

Pass: Please Refer To Appendix: Appendix1 For Details







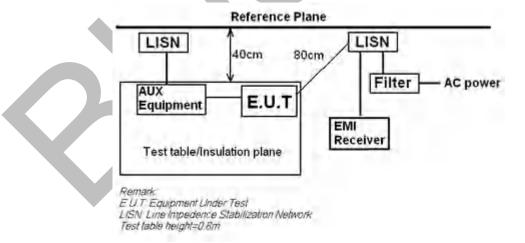
14 CONDUCTED EMISSIONS AT AC POWER LINE (150KHZ-30MHZ)

Test Standard	47 CFR Part 15, Subpart C 15.247
Test Method	ANSI C63.10 (2013) Section 6.2
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	TX
Tester	Charlie
Temperature	25℃
Humidity	60%

14.1 LIMITS

Frequency of	Conducted limit(dBµV)						
emission(MHz)	Quasi-peak	Average					
0.15-0.5	66 to 56*	56 to 46*					
0.5-5	56	46					
5-30	60	50					
*Decreases with the logarithm	of the frequency.						

14.2 BLOCK DIAGRAM OF TEST SETUP



14.3 PROCEDURE

- 1) The mains terminal disturbance voltage test was conducted in a shielded room.
- 2) The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides a 50ohm/50H + 5ohm linear impedance. The power cables of all other units of the EUT were connected to a second LISN 2, which was bonded to the ground reference plane in the same way as the LISN 1 for the unit being measured. A multiple socket outlet strip was used to connect multiple power cables to a single LISN provided the rating of the LISN was not exceeded.



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3) The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane,

4) The test was performed with a vertical ground reference plane. The rear of the EUT shall be 0.4 m from the vertical ground reference plane. The vertical ground reference plane was bonded to the horizontal ground reference plane. The LISN 1 was placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for LISNs mounted on top of the ground reference plane. This distance was between the closest points of the LISN 1 and the EUT. All other units of the EUT and associated equipment was at least 0.8 m from the LISN 2.

5) In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10 on conducted measurement.

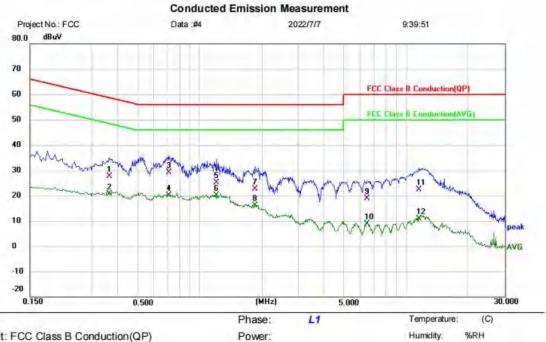
Remark: LISN=Read Level+ Cable Loss+ LISN Factor





14.4 TEST DATA

[TestMode: TX]; [Line: Line]; [Power:120V/60Hz]



Limit: FCC Class B Conduction(QP)

EUT: Bluetooth headset M/N: BH22DT10A Mode: TX mode

Note:

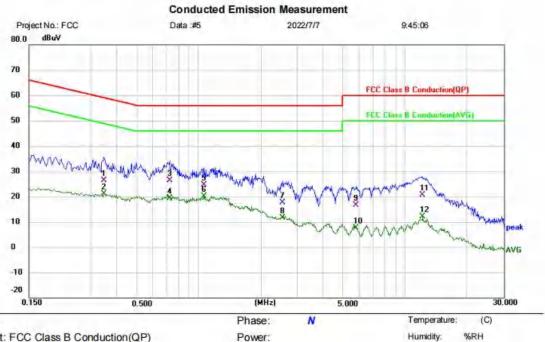
Site

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.3620	17.88	9.77	27.65	58.68	-31.03	QP	
2		0.3620	10.85	9.77	20.62	48.68	-28.06	AVG	
3		0.7100	19.44	9.68	29.12	56.00	-26.88	QP	
4	*	0.7100	10.55	9.68	20.23	46.00	-25.77	AVG	
5		1.2020	15.29	9.81	25.10	56.00	-30.90	QP	
6		1.2020	10.42	9.81	20.23	46.00	-25.77	AVG	
7		1.8540	12.82	9.83	22.65	56.00	-33.35	QP	
8		1.8540	6.31	9.83	16.14	46.00	-29.86	AVG	
9		6.4620	9.09	9.86	18.95	60.00	-41.05	QP	
10		6.4620	-0.89	9.86	8.97	50.00	-41.03	AVG	
11		11.5380	12.51	9.95	22.46	60.00	-37.54	QP	
12		11.5380	0.95	9.95	10.90	50.00	-39.10	AVG	

*:Maximum data x:Over limit !:over margin (Reference Only



[TestMode: TX]; [Line: Nutral]; [Power:120V/60Hz]



Limit: FCC Class B Conduction(QP)

EUT: Bluetooth headset M/N: BH22DT10A Mode: TX mode

Note:

Site

No. N	Иk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.3460	16.57	9.77	26.34	59.06	-32.72	QP	
2		0.3460	11.37	9.77	21.14	49.06	-27.92	AVG	
3		0.7220	16.59	9.74	26.33	56.00	-29.67	QP	
4		0.7220	9.58	9.74	19.32	46.00	-26.68	AVG	
5		1.0580	14.90	9.79	24.69	56.00	-31.31	QP	
6 *	•	1.0580	10.30	9.79	20.09	46.00	-25.91	AVG	
7		2.5460	7.85	9.87	17.72	56.00	-38.28	QP	
8		2.5460	1.65	9.87	11.52	46.00	-34.48	AVG	
9		5.8020	6.63	9.88	16.51	60.00	-43.49	QP	
10		5.8020	-2.30	9.88	7.58	50.00	-42.42	AVG	
11		12.1380	10.57	10.00	20.57	60.00	-39.43	QP	
12		12.1380	2.02	10.00	12.02	50.00	-37.98	AVG	

*: Maximum data x:Over limit !:over margin (Reference Only



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15 RADIATED SPURIOUS EMISSIONS

Test Standard	47 CFR Part 15, Subpart C 15.247
Test Method	ANSI C63.10 (2013) Section 6.4,6.5,6.6
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	TX
Tester	Charlie
Temperature	25℃
Humidity	60%

15.1 LIMITS

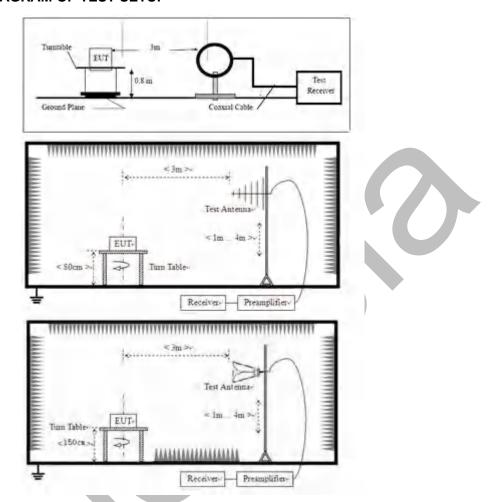
Frequency(MHz)	Field strength(microvolts/meter)	Measurement distance(meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

Remark: The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90kHz, 110-490kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.



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15.2 BLOCK DIAGRAM OF TEST SETUP



15.3 PROCEDURE

- a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- c. The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- d. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- e. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- f. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- g. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.



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- h. Test the EUT in the lowest channel, the middle channel, the Highest channel.
- i. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
- j. Repeat above procedures until all frequencies measured was complete.

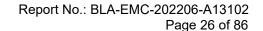
Remark:

- 1) For emission below 1GHz, through pre-scan found the worst case is the lowest channel. Only the worst case is recorded in the report.
- 2) The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

Final Test Level =Receiver Reading + Antenna Factor + Cable Factor - Preamplifier Factor

- 3) Scan from 9kHz to 25GHz, the disturbance above 12.75GHz and below 30MHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported fundamental frequency is blocked by filter, and only spurious emission is shown.
- 4) For frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report.



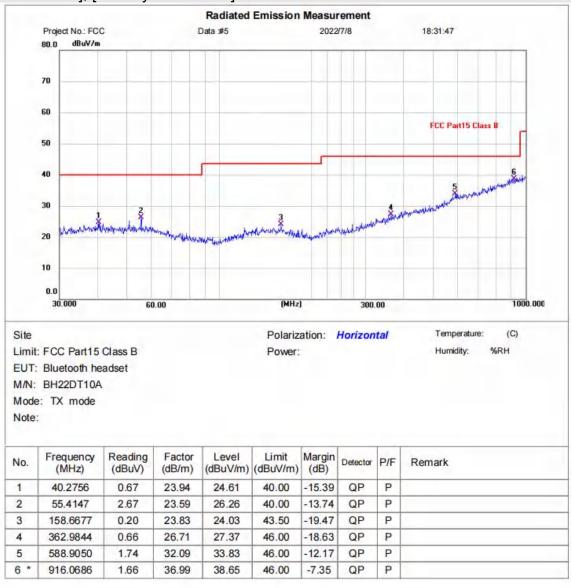




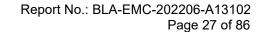
15.4 TEST DATA

Below 1GHz

[TestMode: TX]; [Polarity: Horizontal]

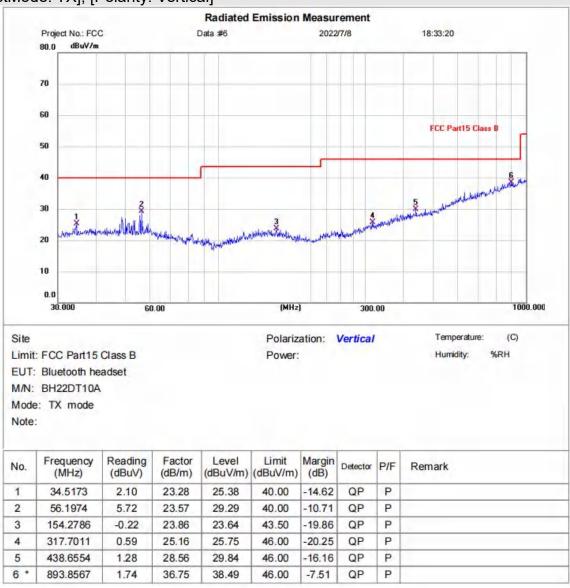


*:Maximum data x:Over limit !:over margin





[TestMode: TX]; [Polarity: Vertical]



^{*:}Maximum data x:Over limit !:over margin



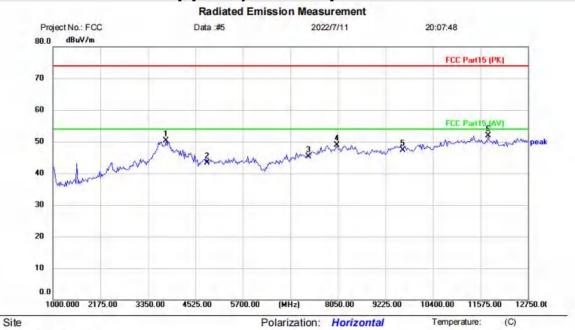
Humidity:

%RH

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Above 1GHz

[TestMode: TX lowest channel]; [Polarity: Horizontal]



Limit: FCC Part15 (PK)

EUT: Bluetooth headset M/N: BH22DT10A

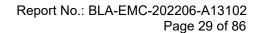
Mode: TX-L

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		3796.500	42.62	7.65	50.27	74.00	-23.73	peak	
2		4824.000	39.67	3.62	43.29	74.00	-30.71	peak	
3		7326.000	38.96	6.44	45.40	74.00	-28.60	peak	
4		8026.500	40.88	7.98	48.86	74.00	-25.14	peak	
5		9648.000	37.99	9.37	47.36	74.00	-26.64	peak	
6	*	11763.000	40.32	11.63	51.95	74.00	-22.05	peak	

Power:

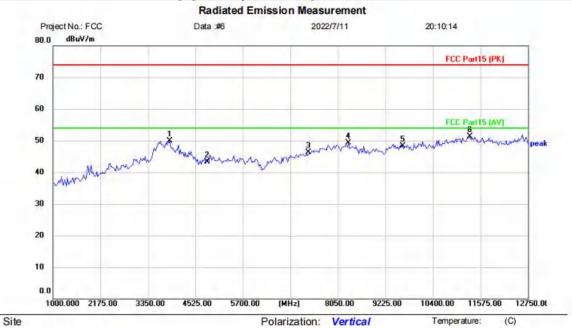
*:Maximum data x:Over limit !:over margin (Reference Only



%RH



[TestMode: TX lowest channel]; [Polarity: Vertical]



Limit: FCC Part15 (PK)

EUT: Bluetooth headset M/N: BH22DT10A

Mode: TX-L

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		3890.500	43.41	6.53	49.94	74.00	-24.06	peak	
2		4824.000	39.71	3.62	43.33	74.00	-30.67	peak	
3		7326.000	39.78	6.44	46.22	74.00	-27.78	peak	
4		8308.500	40.96	8.25	49.21	74.00	-24.79	peak	
5		9648.000	38.93	9.37	48.30	74.00	-25.70	peak	
6	* .	11316.500	39.44	11.88	51.32	74.00	-22.68	peak	

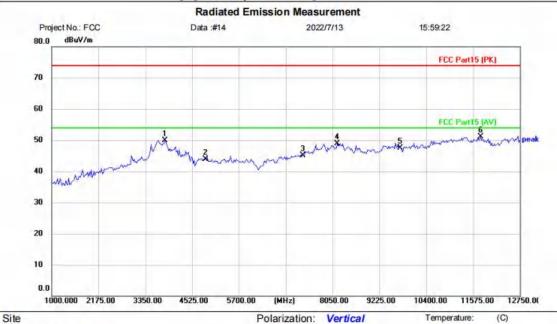
Power:

*:Maximum data x:Over limit !:over margin (Reference Only

%RH



[TestMode: TX middle channel]; [Polarity: Vertical]



Limit: FCC Part15 (PK) EUT: Bluetooth headset M/N: BH22DT10A

Mode: TX-M Note:

No. N	Лk. Fre	q.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
	MHz	2	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1	3843.5	500	42.87	7.12	49.99	74.00	-24.01	peak	
2	4874.0	000	40.54	3.39	43.93	74.00	-30.07	peak	
3	7311.0	000	38.77	6.37	45.14	74.00	-28.86	peak	
4	8167.5	500	40.73	8.17	48.90	74.00	-25.10	peak	
5	9748.0	000	37.84	9.59	47.43	74.00	-26.57	peak	
6 *	11763.0	000	39.53	11.63	51.16	74.00	-22.84	peak	

Power:

*: Maximum data x:Over limit !:over margin (Reference Only

%RH



[TestMode: TX middle channel]; [Polarity: Horizontal]



Limit: FCC Part15 (PK)

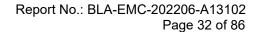
EUT: Bluetooth headset M/N: BH22DT10A

Mode: TX-M Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over			
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment	
1		3820.000	42.39	7.41	49.80	74.00	-24.20	peak		
2		4877.500	44.19	3.37	47.56	74.00	-26.44	peak		
3		7311.000	38.97	6.37	45.34	74.00	-28.66	peak		
4		8191.000	40.30	8.20	48.50	74.00	-25.50	peak		
5		9748.000	38.04	9.59	47.63	74.00	-26.37	peak		
6	*	11293.000	39.00	11.91	50.91	74.00	-23.09	peak		

Power:

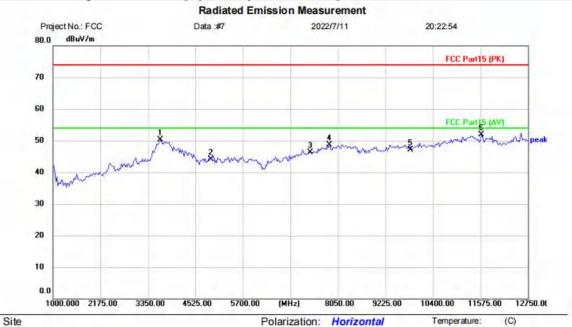
*:Maximum data x:Over limit !:over margin (Reference Only



%RH



[TestMode: TX highest channel]; [Polarity: Horizontal]



Limit: FCC Part15 (PK)

EUT: Bluetooth headset M/N: BH22DT10A

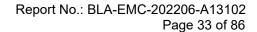
Mode: TX-H

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		3655.500	42.56	7.76	50.32	74.00	-23.68	peak	
2		4924.000	40.63	3.46	44.09	74.00	-29.91	peak	
3		7386.000	39.64	6.68	46.32	74.00	-27.68	peak	
4		7838.500	40.97	7.75	48.72	74.00	-25.28	peak	
5		9848.000	37.26	9.88	47.14	74.00	-26.86	peak	
6	*	11598.500	39.79	12.06	51.85	74.00	-22.15	peak	

Power:

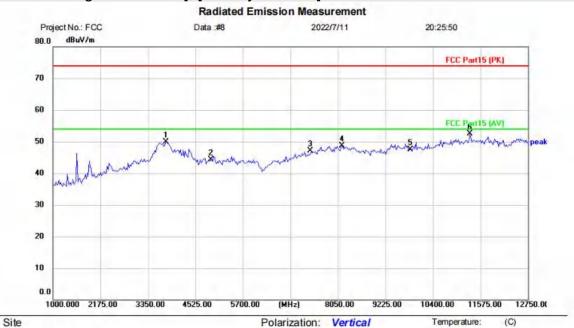
*:Maximum data x:Over limit !:over margin (Reference Only



%RH



[TestMode: TX highest channel]; [Polarity: Vertical]



Limit: FCC Part15 (PK)

EUT: Bluetooth headset M/N: BH22DT10A

Mode: TX-H

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment
1		3796.500	42.34	7.65	49.99	74.00	-24.01	peak	
2		4924.000	40.81	3.46	44.27	74.00	-29.73	peak	
3		7386.000	40.36	6.68	47.04	74.00	-26.96	peak	
4		8144.000	40.52	8.13	48.65	74.00	-25.35	peak	
5		9848.000	37.57	9.88	47.45	74.00	-26.55	peak	
6	*	11316.500	40.67	11.88	52.55	74.00	-21.45	peak	

Power:

*:Maximum data x:Over limit !:over margin (Reference Only



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16 RADIATED EMISSIONS WHICH FALL IN THE RESTRICTED BANDS

Test Standard	47 CFR Part 15, Subpart C 15.247						
Test Method	ANSI C63.10 (2013) Section 6.10.5						
Test Mode (Pre-Scan)	TX						
Test Mode (Final Test)	TX						
Tester	Charlie						
Temperature	25℃						
Humidity	60%						

16.1 LIMITS

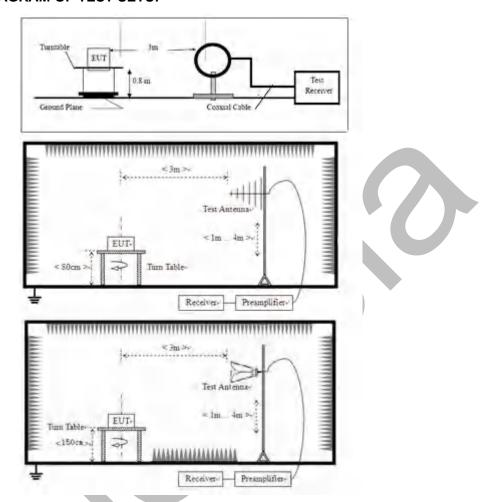
Frequency(MHz)	Field strength(microvolts/meter)	Measurement distance(meters)		
0.009-0.490	2400/F(kHz)	300		
0.490-1.705	24000/F(kHz)	30		
1.705-30.0	30	30		
30-88	100	3		
88-216	150	3		
216-960	200	3		
Above 960	500	3		

Remark: The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90kHz, 110-490kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.



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16.2 BLOCK DIAGRAM OF TEST SETUP



16.3 PROCEDURE

- a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- c. The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- d. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- e. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- f. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- g. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.



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h. Test the EUT in the lowest channel, the middle channel, the Highest channel.

i. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.

j. Repeat above procedures until all frequencies measured was complete.

Remark 1: Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor

Remark 2: For frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report.



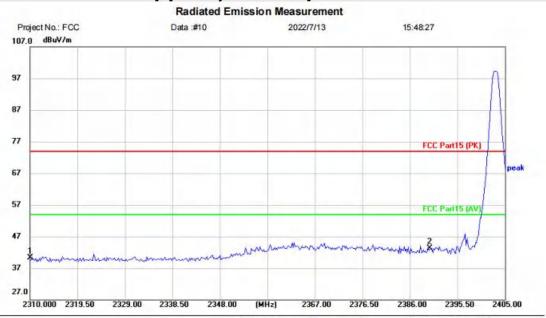


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16.4 TEST DATA

[TestMode: TX lowest channel]; [Polarity: Horizontal]



Limit: FCC Part15 (PK)

EUT: Bluetooth headset M/N: BH22DT10A

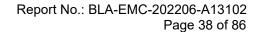
Mode: TX-L Note:

Site

Polarization:	Horizontal	l'emperature:	(C)
Power:		Humidity:	%RH

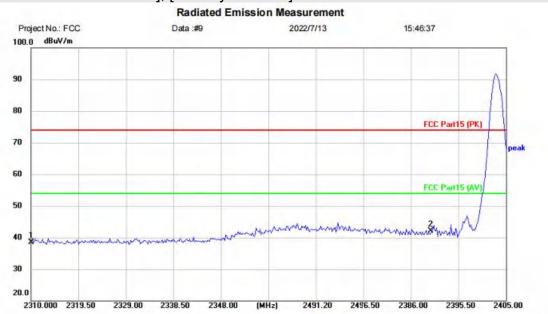
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over			
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment	
1		2310.000	44.28	-3.93	40.35	74.00	-33.65	peak		
2	*	2390.000	46.86	-3.58	43.28	74.00	-30.72	peak		

*:Maximum data x:Over limit !:over margin (Reference Only





[TestMode: TX lowest channel]; [Polarity: Vertical]



Limit: FCC Part15 (PK)

EUT: Bluetooth headset M/N: BH22DT10A

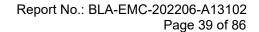
Mode: TX-L Note:

Site

Polarization: Vertical Temperature: (C)
Power: Humidity: %RH

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over			
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment	
1		2310.000	42.48	-3.93	38.55	74.00	-35.45	peak		
2	*	2390.000	45.72	-3.58	42.14	74.00	-31.86	peak		

*:Maximum data x:Over limit !:over margin (Reference Only



Temperature:

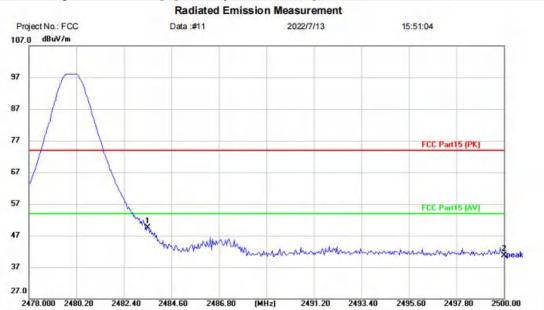
Humidity:

(C)

%RH



[TestMode: TX highest channel]; [Polarity: Horizontal]



Polarization: Horizontal

Limit: FCC Part15 (PK)

EUT: Bluetooth headset M/N: BH22DT10A

Note:

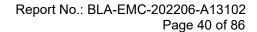
Site

Mode: TX-H

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment		Over			
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment	
1	*	2483.500	52.66	-3.14	49.52	74.00	-24.48	peak		
2		2500.000	43.84	-3.08	40.76	74.00	-33.24	peak		

Power:

*:Maximum data x:Over limit !:over margin (Reference Only



Temperature:

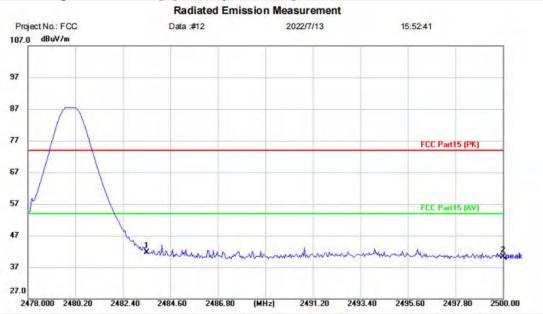
Humidity:

(C)

%RH



[TestMode: TX highest channel]; [Polarity: Vertical]



Polarization: Vertical

Limit: FCC Part15 (PK)

EUT: Bluetooth headset

Note:

Site

M/N: BH22DT10A Mode: TX-H

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment		Over			
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	Comment	
1	*	2483.500	44.88	-3.14	41.74	74.00	-32.26	peak		
2		2500.000	43.41	-3.08	40.33	74.00	-33.67	peak		

Power:

*:Maximum data x:Over limit !:over margin (Reference Only



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17 CONDUCTED BAND EDGES MEASUREMENT

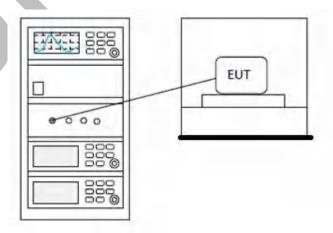
Test Standard	47 CFR Part 15, Subpart C 15.247				
Test Method	ANSI C63.10 (2013) Section 7.8.8 & Section 11.13.3.2				
Test Mode (Pre-Scan)	TX				
Test Mode (Final Test)	TX				
Tester	Charlie				
Temperature	25℃				
Humidity	60%				

17.1 LIMITS

Limit:

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

17.2 BLOCK DIAGRAM OF TEST SETUP





17.3 TEST DATA





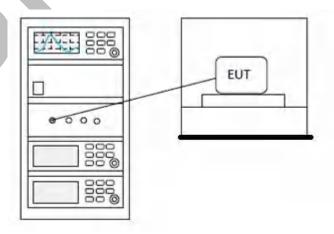
18 DWELL TIME

Test Standard	47 CFR Part 15, Subpart C 15.247
Test Method	ANSI C63.10 (2013) Section 7.8.4
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	TX
Tester	Charlie
Temperature	25℃
Humidity	60%

18.1 LIMITS

Frequency(MHz)	Limit
	0.4S within a 20S period(20dB
002.028	bandwidth<250kHz)
902-928	0.4S within a 10S period(20dB
	bandwidth≥250kHz)
	0.4S within a period of 0.4S multiplied by the
2400-2483.5	number
	of hopping channels
5725-5850	0.4S within a 30S period

18.2 BLOCK DIAGRAM OF TEST SETUP





18.3 TEST DATA





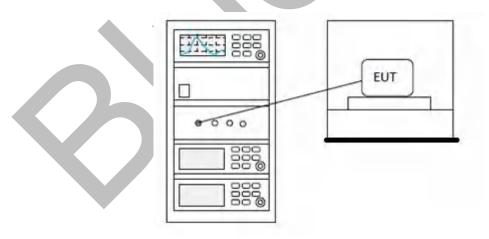
19 HOPPING CHANNEL NUMBER

Test Standard	47 CFR Part 15, Subpart C 15.247
Test Method	ANSI C63.10 (2013) Section 7.8.3
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	TX
Tester	Charlie
Temperature	25℃
Humidity	60%

19.1 LIMITS

Frequency range(MHz)	Number of hopping channels (minimum)			
002.020	50 for 20dB bandwidth <250kHz			
902-928	25 for 20dB bandwidth ≥250kHz			
2400-2483.5	15			
5725-5850	75			

19.2 BLOCK DIAGRAM OF TEST SETUP



19.3 TEST DATA



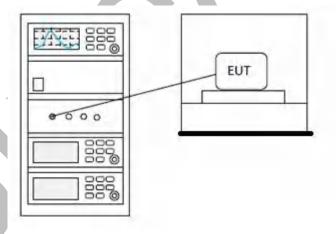
20 CARRIER FREQUENCIES SEPARATION

Test Standard	47 CFR Part 15, Subpart C 15.247
Test Method	ANSI C63.10 (2013) Section 7.8.2
Test Mode (Pre-Scan)	TX
Test Mode (Final Test)	TX
Tester	Charlie
Temperature	25℃
Humidity	60%

20.1 LIMITS

Limit: 2/3 of the 20dB bandwidth base on the transmission power is less than 0.125W

20.2 BLOCK DIAGRAM OF TEST SETUP



20.3 TEST DATA



21 APPENDIX

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Appendix1

Maximum Conducted Output Power

Condition	Mode	Frequency	Antenna	Conducted Power	Limit	Verdict
		(MHz)		(dBm)	(dBm)	
NVNT	1-DH1	2402	Ant1	-4.945	21	Pass
NVNT	1-DH1	2441	Ant1	-3.985	21	Pass
NVNT	1-DH1	2480	Ant1	-5.168	21	Pass
NVNT	2-DH1	2402	Ant1	-4.091	21	Pass
NVNT	2-DH1	2441	Ant1	-3.174	21	Pass
NVNT	2-DH1	2480	Ant1	-4.331	21	Pass

Power NVNT 1-DH1 2402MHz Ant1



Power NVNT 1-DH1 2441MHz Ant1





Power NVNT 1-DH1 2480MHz Ant1



Power NVNT 2-DH1 2402MHz Ant1





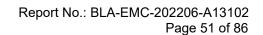
Power NVNT 2-DH1 2441MHz Ant1



Power NVNT 2-DH1 2480MHz Ant1









-20dB Bandwidth

Condition	Mode	Frequency	Antenna	-20 dB Bandwidth	Limit -20 dB	Verdict
		(MHz)		(MHz)	Bandwidth (MHz)	
NVNT	1-DH1	2402	Ant1	0.910	0	Pass
NVNT	1-DH1	2441	Ant1	0.906	0	Pass
NVNT	1-DH1	2480	Ant1	0.856	0	Pass
NVNT	2-DH1	2402	Ant1	1.24	0	Pass
NVNT	2-DH1	2441	Ant1	1.241	0	Pass
NVNT	2-DH1	2480	Ant1	1.249	0	Pass

-20dB Bandwidth NVNT 1-DH1 2402MHz Ant1



-20dB Bandwidth NVNT 1-DH1 2441MHz Ant1





-20dB Bandwidth NVNT 1-DH1 2480MHz Ant1



-20dB Bandwidth NVNT 2-DH1 2402MHz Ant1



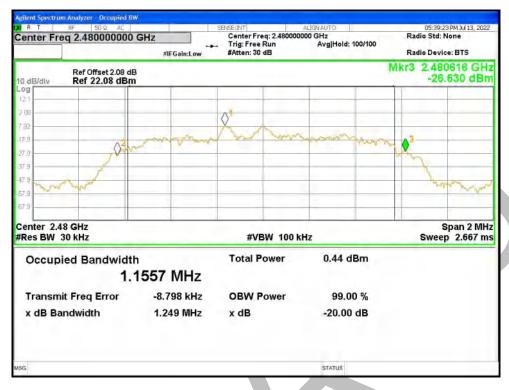


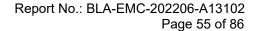
-20dB Bandwidth NVNT 2-DH1 2441MHz Ant1



-20dB Bandwidth NVNT 2-DH1 2480MHz Ant1









Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH1	2402	Ant1	0.82437
NVNT	1-DH1	2441	Ant1	0.82596
NVNT	1-DH1	2480	Ant1	0.81129
NVNT	2-DH1	2402	Ant1	1.1702
NVNT	2-DH1	2441	Ant1	1.1712
NVNT	2-DH1	2480	Ant1	1.1696

OBW NVNT 1-DH1 2402MHz Antl



OBW NVNT 1-DH1 2441MHz Ant1





OBW NVNT 1-DH1 2480MHz Ant1



OBW NVNT 2-DH1 2402MHz Ant1





OBW NVNT 2-DH1 2441MHz Ant1



OBW NVNT 2-DH1 2480MHz Ant1





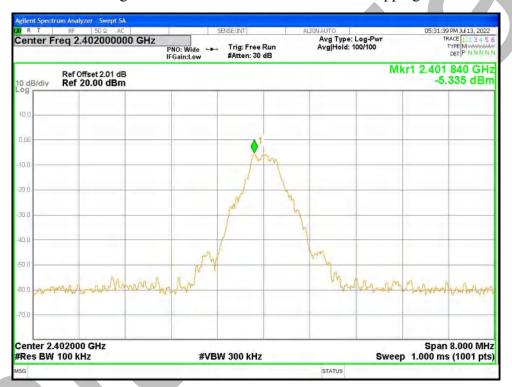




Band Edge

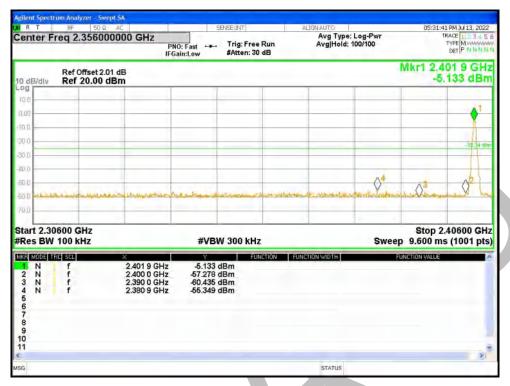
Condition	Mode	Frequency	Antenna	Hopping	Max Value	Limit	Verdict
		(MHz)		Mode	(dBm)	(dBc)	
NVNT	1-DH1	2402	Ant1	No-Hopping	-55.34	-20	Pass
NVNT	1-DH1	2480	Ant1	No-Hopping	-55.47	-20	Pass
NVNT	2-DH1	2402	Ant1	No-Hopping	-54.63	-20	Pass
NVNT	2-DH1	2480	Ant1	No-Hopping	-55.22	-20	Pass

Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Ref

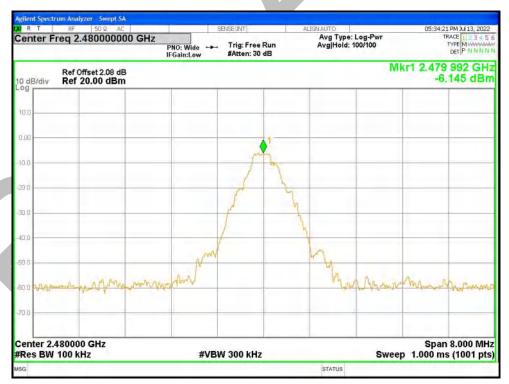


Band Edge NVNT 1-DH1 2402MHz Ant1 No-Hopping Emission



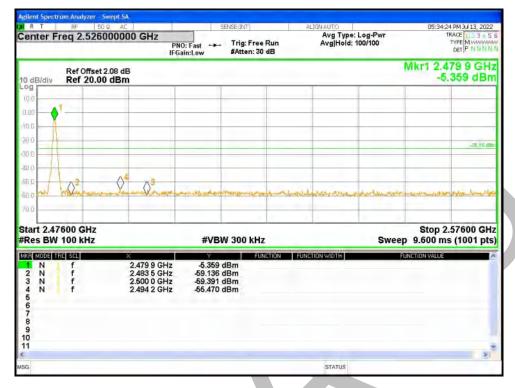


Band Edge NVNT 1-DH1 2480MHz Ant1 No-Hopping Ref



Band Edge NVNT 1-DH1 2480MHz Ant1 No-Hopping Emission



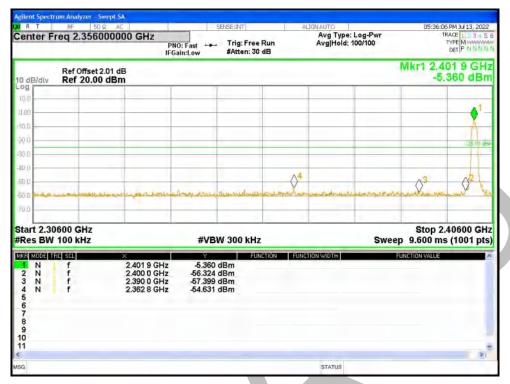


Band Edge NVNT 2-DH1 2402MHz Ant1 No-Hopping Ref



Band Edge NVNT 2-DH1 2402MHz Ant1 No-Hopping Emission



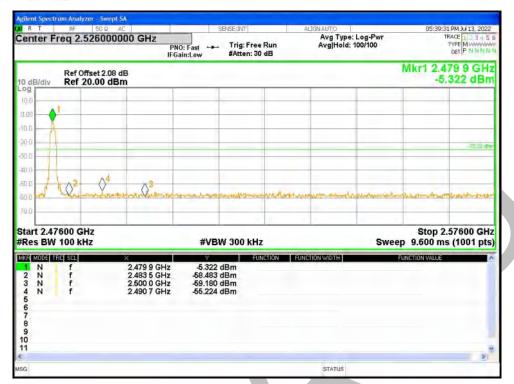


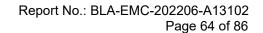
Band Edge NVNT 2-DH1 2480MHz Ant1 No-Hopping Ref



Band Edge NVNT 2-DH1 2480MHz Ant1 No-Hopping Emission









Band Edge(Hopping)

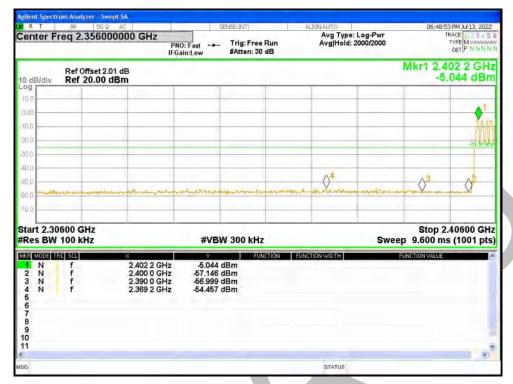
Condition	Mode	Frequency	Antenna	Hopping	Max Value	Limit	Verdict
		(MHz)		Mode	(dBm)	(dBc)	
NVNT	1-DH1	2402	Ant1	Hopping	-54.45	-20	Pass
NVNT	1-DH1	2480	Ant1	Hopping	-55.02	-20	Pass
NVNT	2-DH1	2402	Ant1	Hopping	-54.57	-20	Pass
NVNT	2-DH1	2480	Ant1	Hopping	-53.21	-20	Pass

Band Edge(Hopping) NVNT 1-DH1 2402MHz Ant1 Hopping Ref



Band Edge(Hopping) NVNT 1-DH1 2402MHz Ant1 Hopping Emission



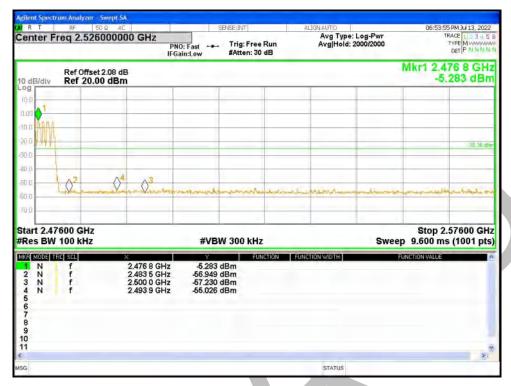


Band Edge(Hopping) NVNT 1-DH1 2480MHz Ant1 Hopping Ref



Band Edge(Hopping) NVNT 1-DH1 2480MHz Ant1 Hopping Emission





Band Edge(Hopping) NVNT 2-DH1 2402MHz Ant1 Hopping Ref



Band Edge(Hopping) NVNT 2-DH1 2402MHz Ant1 Hopping Emission





Band Edge(Hopping) NVNT 2-DH1 2480MHz Ant1 Hopping Ref



Band Edge(Hopping) NVNT 2-DH1 2480MHz Ant1 Hopping Emission







Conducted RF Spurious Emission

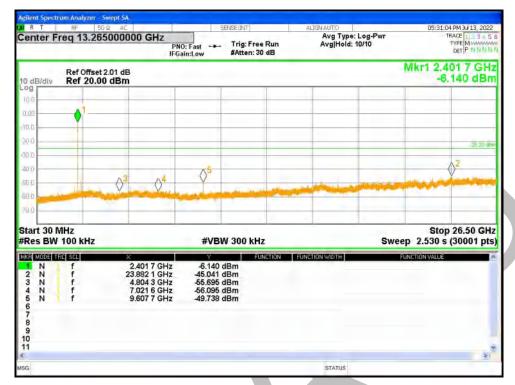
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	1-DH1	2402	Ant1	-39.84	-20	Pass
NVNT	1-DH1	2441	Ant1	-40.52	-20	Pass
NVNT	1-DH1	2480	Ant1	-40.24	-20	Pass
NVNT	2-DH1	2402	Ant1	-40.2	-20	Pass
NVNT	2-DH1	2441	Ant1	-41.78	-20	Pass
NVNT	2-DH1	2480	Ant1	-40.31	-20	Pass

Tx. Spurious NVNT 1-DH1 2402MHz Ant1 Ref



Tx. Spurious NVNT 1-DH1 2402MHz Ant1 Emission



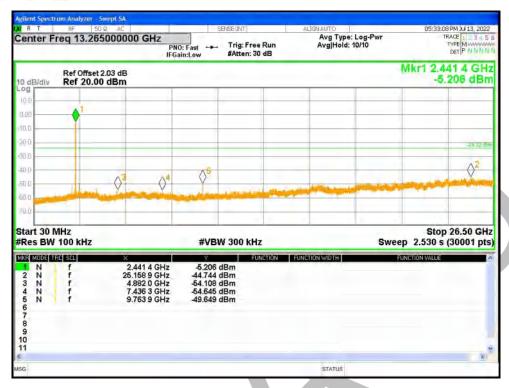


Tx. Spurious NVNT 1-DH1 2441MHz Ant1 Ref



Tx. Spurious NVNT 1-DH1 2441MHz Ant1 Emission



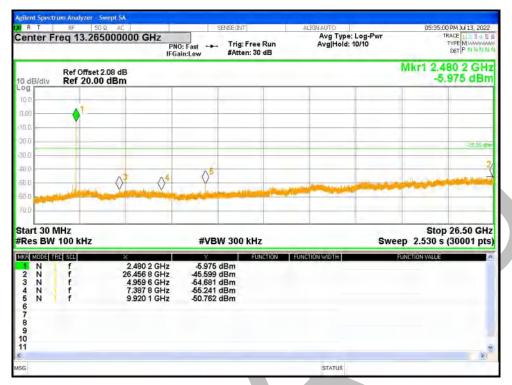


Tx. Spurious NVNT 1-DH1 2480MHz Ant1 Ref



Tx. Spurious NVNT 1-DH1 2480MHz Ant1 Emission



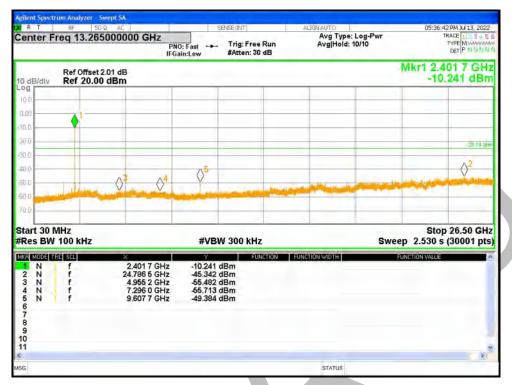


Tx. Spurious NVNT 2-DH1 2402MHz Ant1 Ref



Tx. Spurious NVNT 2-DH1 2402MHz Ant1 Emission



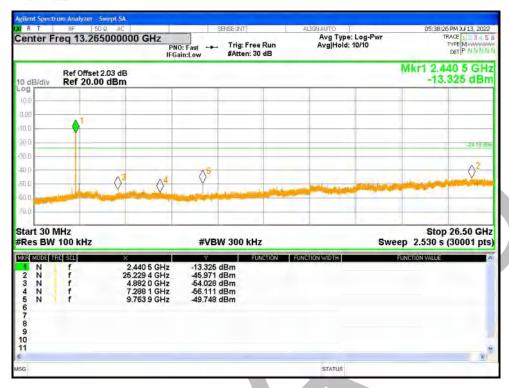


Tx. Spurious NVNT 2-DH1 2441MHz Ant1 Ref



Tx. Spurious NVNT 2-DH1 2441MHz Ant1 Emission



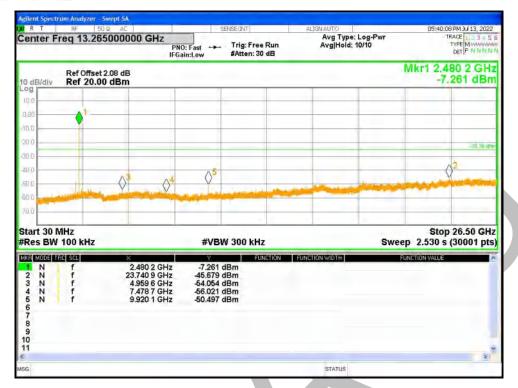


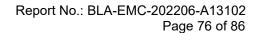
Tx. Spurious NVNT 2-DH1 2480MHz Ant1 Ref



Tx. Spurious NVNT 2-DH1 2480MHz Ant1 Emission









Carrier Frequencies Separation

Condition	Mode	Antenna	Hopping Freq1	Hopping Freq2	HFS	Limit	Verdict
			(MHz)	(MHz)	(MHz)	(MHz)	
NVNT	1-DH1	Ant1	2440.9675	2441.9635	0.996	0.906	Pass
NVNT	2-DH1	Ant1	2440.975	2441.956	0.981	0.827	Pass

CFS NVNT 1-DH1 2441MHz Ant1



CFS NVNT 2-DH1 2441MHz Ant1







Number of Hopping Channel

Condition	Mode	Antenna	Hopping Number	Limit	Verdict
NVNT	1-DH1	Ant1	79	15	Pass
NVNT	2-DH1	Ant1	79	15	Pass

Hopping No. NVNT 1-DH1 2441MHz Ant1



Hopping No. NVNT 2-DH1 2441MHz Ant1



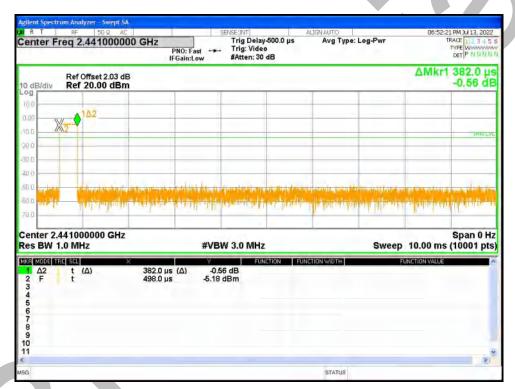




Dwell Time

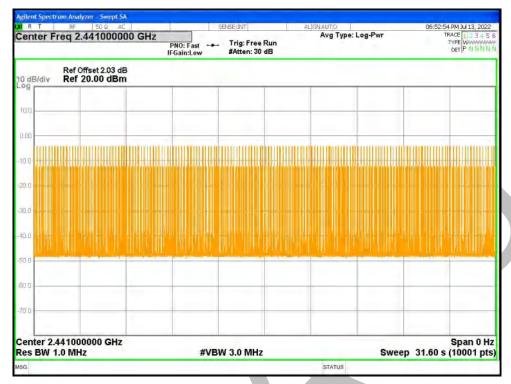
Condition	Mode	Frequency	Antenna	Pulse	Total	Burst	Period	Limit	Verdict
		(MHz)		Time	Dwell	Count	Time	(ms)	
				(ms)	Time		(ms)		
					(ms)				
NVNT	1-DH1	2441	Ant1	0.382	121.858	319	31600	400	Pass
NVNT	1-DH3	2441	Ant1	1.639	288.464	176	31600	400	Pass
NVNT	1-DH5	2441	Ant1	2.886	331.89	115	31600	400	Pass

Dwell NVNT 1-DH1 2441MHz Ant1 One Burst

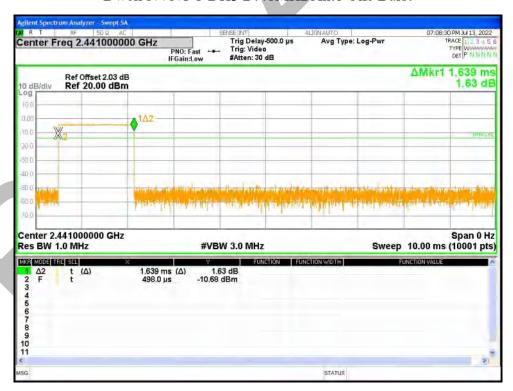


Dwell NVNT 1-DH1 2441MHz Ant1 Accumulated





Dwell NVNT 1-DH3 2441MHz Ant1 One Burst

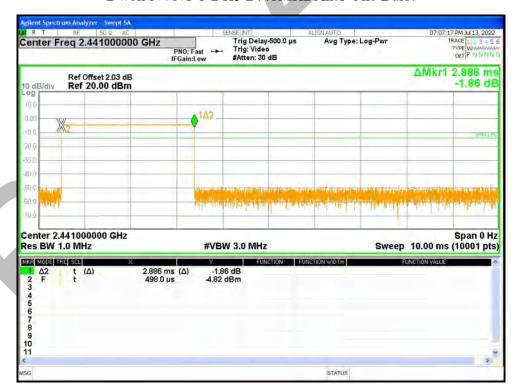


Dwell NVNT 1-DH3 2441MHz Ant1 Accumulated



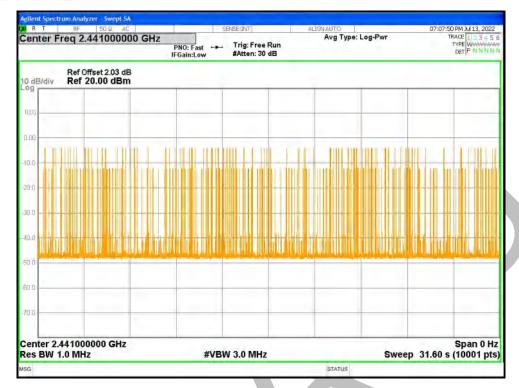


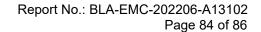
Dwell NVNT 1-DH5 2441MHz Ant1 One Burst



Dwell NVNT 1-DH5 2441MHz Ant1 Accumulated

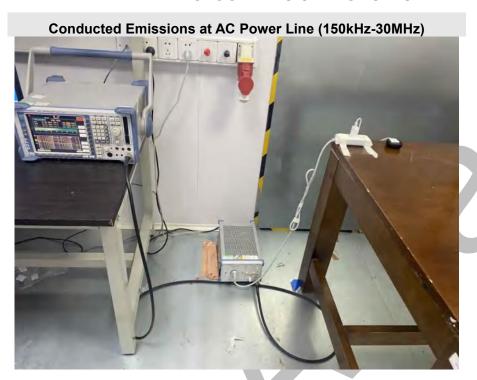


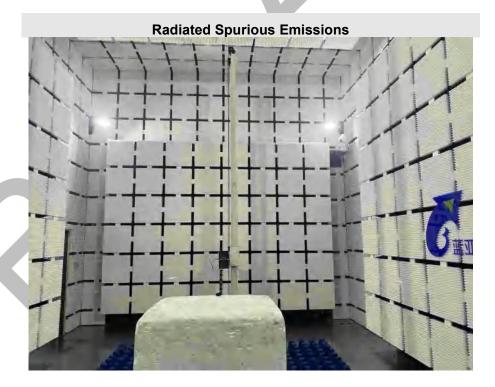




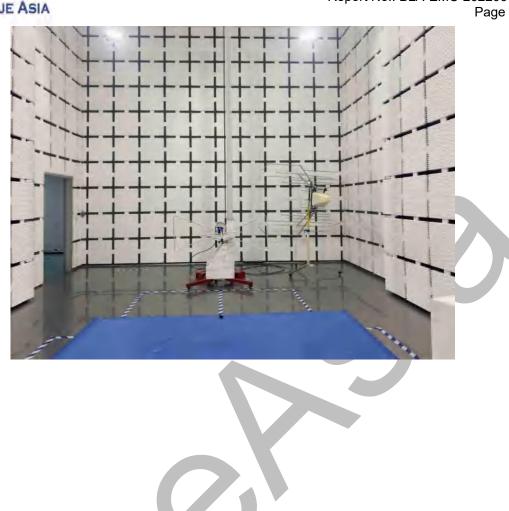


APPENDIX A: PHOTOGRAPHS OF TEST SETUP











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APPENDIX B: PHOTOGRAPHS OF EUT

Reference to the test report No. BLA-EMC-202206-A13101

----END OF REPORT----

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