



# **FCC** Radio Test Report

### FCC ID: 2AJAC-TSPLATEAMP

: BTL-FCCP-2-2308T110 Report No.

Equipment : Audio Amplifier

Model Name TS-PLATE-AMP-1200, TS-PLATE-AMP-700

: TRIAD **Brand Name** 

Applicant : Snap One, LLC

Address : 1800 Continental Blvd. Suite 300, Charlotte, NC 28273, USA

Manufacturer : FORMOSA AUDIOMATE LTD.

Address : 12F., No. 653, Bannan Rd., Zhonghe Dist., 23557 New Taipei City, Taiwan,

R.O.C.

**Radio Function** : Bluetooth Low Energy

FCC Rule Part(s) : FCC CFR Title 47, Part 15, Subpart C (15.247)

Measurement : ANSI C63.10-2013

Procedure(s)

Date of Receipt : 2023/11/7

Date of Test : 2023/12/28 ~ 2024/2/19

**Issued Date** : 2024/9/2

The above equipment has been tested and found in compliance with the requirement of the above standards by BTL Inc.

Prepared by

Approved by

BTL Inc.

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#### **Declaration**

**BTL** represents to the client that testing is done in accordance with standard procedures as applicable and that test instruments used has been calibrated with standards traceable to international standard(s) and/or national standard(s).

**BTL**'s reports apply only to the specific samples tested under conditions. It is manufacture's responsibility to ensure that additional production units of this model are manufactured with the identical electrical and mechanical components. **BTL** assumes no responsibility for the data provided by the Customer, any statements, inferences or generalizations drawn by the customer or others from the reports issued by **BTL**.

This report is the confidential property of the client. As a mutual protection to the clients, the public and ourselves, the test report shall not be reproduced, except in full, without our written approval.

**BTL**'s laboratory quality assurance procedures are in compliance with the **ISO/IEC 17025** requirements, and accredited by the conformity assessment authorities listed in this test report.

BTL is not responsible for the sampling stage, so the results only apply to the sample as received.

The information, data and test plan are provided by manufacturer which may affect the validity of results, so it is manufacturer's responsibility to ensure that the apparatus meets the essential requirements of applied standards and in all the possible configurations as representative of its intended use.

#### Limitation

For the use of the authority's logo is limited unless the Test Standard(s)/Scope(s)/Item(s) mentioned in this test report is (are) included in the conformity assessment authorities acceptance respective.

Please note that the measurement uncertainty is provided for informational purpose only and are not use in determining the Pass/Fail results.

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# **REVISION HISTORY**

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-2-2308T110	R00	Original Report.	2024/9/2	Valid

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#### 1 SUMMARY OF TEST RESULTS

Test procedures according to the technical standards.

Standard(s) Section	Description	Test Result	Judgement	Remark
15.207	AC Power Line Conducted Emissions	APPENDIX A	Pass	
15.205 15.209 15.247(d)	Radiated Emissions	APPENDIX B APPENDIX C APPENDIX D	Pass	
15.247(a)(2)	Bandwidth	APPENDIX E	Pass	
15.247(b)(3)	Output Power	APPENDIX F	Pass	
15.247(e)	Power Spectral Density	APPENDIX G	Pass	
15.247(d)	Antenna conducted Spurious Emission	APPENDIX H	Pass	
15.203	Antenna Requirement		Pass	

### **Statement of Conformity**

The statement of conformity is based on the binary decision rule according to IEC Guide 115 and ILAC G8 "simple acceptance" principle. Without considering measurement uncertainty, its specific risk is less than 50% PFA. (PFA: Probability of False Accept)

#### NOTE:

- (1) "N/A" denotes test is not applicable in this Test Report.
- (2) The report format version is TP.1.1.1.
- (3) This is a DC input device.

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#### 1.1 TEST FACILITY

The test locations stated below are under the TAF Accreditation Number 0659.

The test location(s) used to collect the test data in this report are:

No. 68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

(FCC DN: TW0659)

 □ CB11

⊠ SR10

SR11

No. 72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

(FCC DN: TW0659)

□ C06

⊠ CB21

□ CB22

#### 1.2 MEASUREMENT UNCERTAINTY

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

A. AC power line conducted emissions test:

Test Site	Method	Measurement Frequency Range	U (dB)
C05	CISPR	150 kHz ~ 30MHz	3.44

#### B. Radiated emissions test:

Test Site	Measurement Frequency Range	U (dB)
	0.03 GHz ~ 0.2 GHz	4.17
	0.2 GHz ~ 1 GHz	4.72
CB21	1 GHz ~ 6 GHz	5.21
CDZT	6 GHz ~ 18 GHz	5.51
	18 GHz ~ 26 GHz	3.69
	26 GHz ~ 40 GHz	4.23

#### C. Conducted test:

Test Item	U (dB)
Occupied Bandwidth	0.5334
Output power	0.3669
Power Spectral Density	0.6591
Conducted Spurious emissions	0.5416
Conducted Band edges	0.5348

#### NOTE:

Unless specifically mentioned, the uncertainty of measurement has not been taken into account to declare the compliance or non-compliance to the specification.

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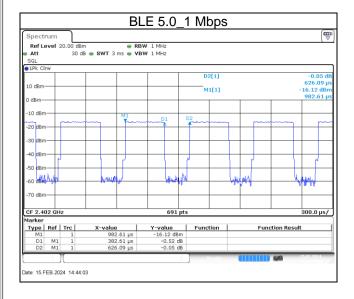
### 1.3 TEST ENVIRONMENT CONDITIONS

Test Item	Environment Condition	Test Voltage	Tested by
AC Power Line Conducted Emissions	16 °C, 41 %	AC 120V	Ken Lan
Radiated emissions below 1 GHz	Refer to data	AC 120V	Mark Wang
Radiated emissions above 1 GHz	Refer to data	AC 120V	Mark Wang
Bandwidth	21.5 °C, 48 %	AC 120V	Ken Lan
Output Power	21.5 °C, 48 %	AC 120V	Ken Lan
Power Spectral Density	21.5 °C, 48 %	AC 120V	Ken Lan
Antenna conducted Spurious Emission	21.5 °C, 48 %	AC 120V	Ken Lan

### 1.4 DUTY CYCLE

If duty cycle is  $\geq$  98 %, duty factor is not required. If duty cycle is < 98 %, duty factor shall be considered.

Remark	Delta 1			Delta 2	On Time/Period	10 log(1/Duty Cycle)
Mode	ON	Numbers	On Time (B)	Period (ON+OFF)	Duty Cycle	Duty Factor
Mode	(ms)	(ON)	(ms)	(ms)	(%)	(dB)
BLE (1 Mbps)	0.383	1	0.626	0.628	99.70%	0.01



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### 2 GENERAL INFORMATION

### 2.1 DESCRIPTION OF EUT

Equipment Audio Amplifier					
Model Name	TS-PLATE-AMP-1200, TS-	PLATE-AMP-700			
Brand Name	TRIAD	1 2/11 2 / 11/11 / 00			
	Model Name	Channel Count	Power Output per channel		
Model Difference	TS-PLATE-AMP-1200	1	1200W		
	TS-PLATE-AMP-700	1	700W		
Power Source	AC Mains.				
Power Rating	wer Rating I/P: 100-240V~				
Products Covered	N/A				
Operation Band	2400 MHz ~ 2483.5 MHz				
Operation Frequency	2402 MHz ~ 2480 MHz				
Modulation Technology	GFSK				
Transfer Rate	1 Mbps				
Output Power Max.	1.20 dBm (0.0013 W)				
Test Software Version ISRT Ver 2.1.32.6337					
Test Model	TS-PLATE-AMP-1200				
Sample Status Engineering Sample					
EUT Modification(s)	N/A				

### NOTE:

(1) The above EUT information is declared by manufacturer and for more detailed features description, please refers to the manufacturer's specifications or user's manual.

### (2) Channel List:

Channel	Frequency (MHz)	Channel	Frequency (MHz)
00	2402	20	2442
01	2404	21	2444
02	2406	22	2446
03	2408	23	2448
04	2410	24	2450
05	2412	25	2452
06	2414	26	2454
07	2416	27	2456
08	2418	28	2458
09	2420	29	2460
10	2422	30	2462
11	2424	31	2464
12	2426	32	2466
13	2428	33	2468
14	2430	34	2470
15	2432	35	2472
16	2434	36	2474
17	2436	37	2476
18	2438	38	2478
19	2440	39	2480

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(3) Table for Filed Antenna:

Ant.	Manufacture	Model Name	Туре	Connector	Frequency Range (MHz)	Gain (dBi)
1	N/A	N/A	PCB	N/A	2400-2480	3.5

(4) The above Antenna information are derived from the antenna data sheet provided by manufacturer and for more detailed features description, please refer to the manufacturer's specifications, the laboratory shall not be held responsible.

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### 2.2 TEST MODES

Test Items	Test mode	Channel	Note
AC power line conducted emissions	Normal/Idle	-	-
Transmitter Radiated Emissions (below 1GHz)	BLE 5.0 / 1 Mbps	39	-
Transmitter Radiated Emissions	BLE 5.0 / 1 Mbps	00/39	Bandedge
(above 1GHz)	BLE 5.0 / 1 Mbps	00/19/39	Harmonic
Transmitter Radiated Emissions (above 18GHz)	BLE 5.0 / 1 Mbps	39	-
Bandwidth	BLE 5.0 / 1 Mbps	00/19/39	-
Output Power	BLE 5.0 / 1 Mbps	00/19/39	-
Power Spectral Density	BLE 5.0 / 1 Mbps	00/19/39	-
Antenna conducted Spurious Emission	BLE 5.0 / 1 Mbps	00/19/39	-

### NOTE:

- (1) For radiated emission band edge test, both Vertical and Horizontal are evaluated, but only the worst case (Horizontal) is recorded.(2) All X, Y and Z axes are evaluated, but only the worst case (Y axis) is recorded.

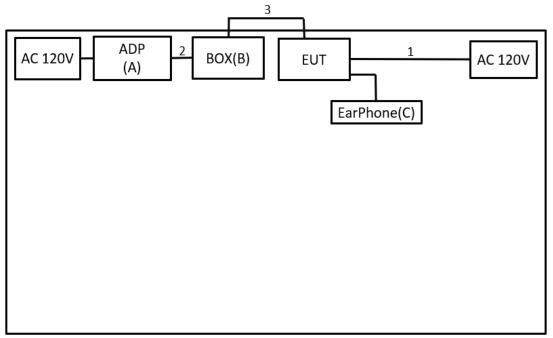
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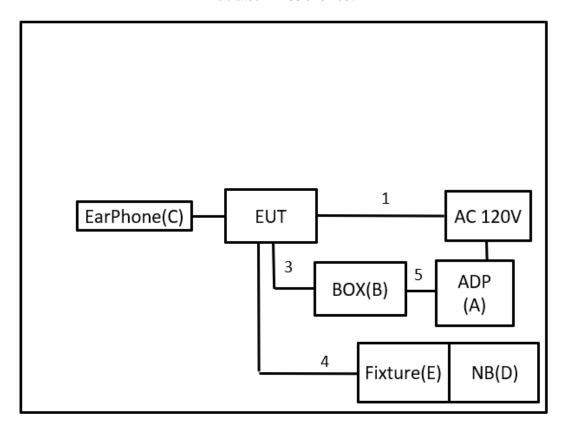
### 2.3 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

Equipment letters and Cable numbers refer to item numbers described in the tables of clause 2.4.

AC Power Line Conducted Emissions Test



Radiated Emissions Test



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### 2.4 SUPPORT UNITS

Item	Equipment	Brand	Model No.	Series No.	Remarks
Α	Equipment	Mfr/Brand	Model/Type No.	N/A	Furnished by test lab.
В	ADP	LG	LP65WFC20P-NJ	N/A	Furnished by test lab.
С	BOX	N/A	TS-BOX	N/A	Furnished by test lab.
D	NB	HP	TPN-I119	N/A	Furnished by test lab.
E	Fixture	N/A	N/A	N/A	Furnished by test lab.

Item	Shielded	Ferrite Core	Length	Cable Type	Remarks
1	N/A	N/A	1m	Power Cord	Furnished by test lab.
2	N/A	N/A	1.2m	Type - C to Type - C	Furnished by test lab.
3	N/A	N/A	0.9m	Audio Cable	Furnished by test lab.
4	N/A	N/A	1m	LAN Cable	Furnished by test lab.
5	N/A	N/A	1Mm	Type - C to Type - C	Furnished by test lab.



### 3 AC POWER LINE CONDUCTED EMISSIONS TEST

#### 3.1 LIMIT

Frequency	Limit (	(dBµV)		
(MHz)	Quasi-peak	Average		
0.15 - 0.5	66 - 56 *	56 - 46 *		
0.50 - 5.0	56	46		
5.0 - 30.0	60	50		

#### NOTE:

- (1) The tighter limit applies at the band edges.
- (2) The limit of " \* " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.
- (3) The test result calculated as following:

Measurement Value = Reading Level + Correct Factor

Correct Factor = Insertion Loss + Cable Loss + Attenuator Factor (if use)

Margin Level = Measurement Value - Limit Value

Calculation example:

Reading Level (dBuV)		Correct Factor (dB)		Measurement Value (dBuV)
38.22	+	3.45	=	41.67

Measurement Value		Limit Value		Margin Level
(dBuV)		(dBuV)		(dB)
41.67	-	60	=	-18.33

The following table is the setting of the receiver.

Receiver Parameter	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 KHz

#### 3.2 TEST PROCEDURE

- a. The EUT was placed 0.8 m above the horizontal ground plane with the EUT being connected to the power mains through a line impedance stabilization network (LISN).
  - All other support equipment were powered from an additional LISN(s).
  - The LISN provides 50 Ohm/50uH of impedance for the measuring instrument.
- b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle to keep the cable above 40 cm.
- c. Excess I/O cables that are not connected to a peripheral shall be bundled in the center.
  - The end of the cable will be terminated, using the correct terminating impedance.
  - The overall length shall not exceed 1 m.
- d. The LISN is spaced at least 80 cm from the nearest part of the EUT chassis.

For the actual test configuration, please refer to the related Item -

e. EUT TEST PHOTO.

### NOTE:

- In the results, each reading is marked as Peak, QP or AVG per the detector used. BW=9 kHz (6 dB Bandwidth)
- (2) All readings are Peak unless otherwise stated QP or AVG in column of Note. Both the QP and the AVG readings must be less than the limit for compliance.

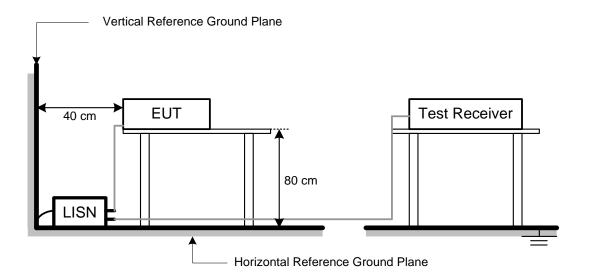
#### 3.3 DEVIATION FROM TEST STANDARD

No deviation.

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### 3.4 TEST SETUP



### 3.5 TEST RESULT

Please refer to the APPENDIX A.

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### 4 RADIATED EMISSIONS TEST

#### **4.1 LIMIT**

In case the emission fall within the restricted band specified on 15.205, then the 15.209 limit in the table below has to be followed.

LIMITS OF RADIATED EMISSIONS MEASUREMENT (9 kHz to 1000 MHz)

Frequency	Field Strength	Measurement Distance
(MHz)	(microvolts/meter)	(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
960~1000	500	3

LIMITS OF RADIATED EMISSIONS MEASUREMENT (Above 1000 MHz)

Frequency (MHz)	Radiated (dBu	Measurement Distance	
(IVITZ)	Peak	Average	(meters)
Above 1000	74	54	3

#### NOTE:

- (1) The limit for radiated test was performed according to FCC CFR Title 47, Part 15, Subpart C.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m)=20log Emission level (uV/m).
- (4) The test result calculated as following:

Measurement Value = Reading Level + Correct Factor

Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain(if use)

Margin Level = Measurement Value - Limit Value

Calculation example:

Reading Level (dBµV)		Correct Factor (dB/m)		Measurement Value (dBµV/m)
41.91	+	-8.36	=	33.55

Measurement Value (dBµV/m)		Limit Value (dBµV/m)		Margin Level (dB)
33.55	-	43.50	=	-9.95

Spectrum Parameter	Setting
Attenuation	Auto
Start Frequency	1000 MHz
Stop Frequency	10th carrier harmonic
RBW / VBW	1MHz / 3MHz for Peak,
(Emission in restricted band)	1MHz / 1/T for Average

Mode	VBW(Hz)
BLE (2M)	2700

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Spectrum Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9KHz~90KHz for PK/AVG detector
Start ~ Stop Frequency	90KHz~110KHz for QP detector
Start ~ Stop Frequency	110KHz~490KHz for PK/AVG detector
Start ~ Stop Frequency	490KHz~30MHz for QP detector
Start ~ Stop Frequency	30MHz~1000MHz for QP detector

#### 4.2 TEST PROCEDURE

- a. The measuring distance of 1 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation. (9 KHz to 30 MHz)
- b. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation. ((30 MHz to 1GHz))
- c. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 1.5 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(above 1GHz)
- d. The height of the equipment or of the substitution antenna shall be 0.8 m or 1.5 m, the height of the test antenna shall vary between 1 m to 4 m. 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 find the maximum reading (used Bore sight function).
- f. The receiver system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1GHz.
- g. The initial step in collecting radiated emission data is a receiver peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- h. All readings are Peak unless otherwise stated QP in column of Note. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform. (below 1GHz)
- All readings are Peak Mode value unless otherwise stated AVG in column of Note. If the Peak Mode Measured value compliance with the Peak Limits and lower than AVG Limits, the EUT shall be deemed to meet both Peak & AVG Limits and then only Peak Mode was measured, but AVG Mode didn't perform. (above 1GHz)
- j. For the actual test configuration, please refer to the related Item EUT TEST PHOTO.

#### 4.3 DEVIATION FROM TEST STANDARD

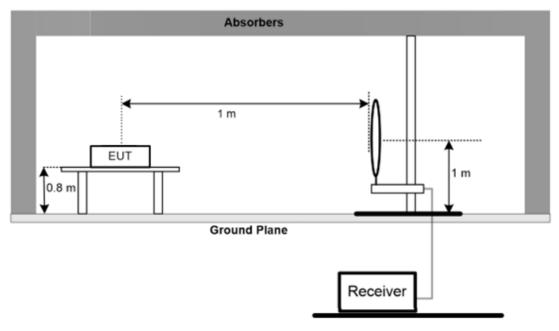
No deviation.

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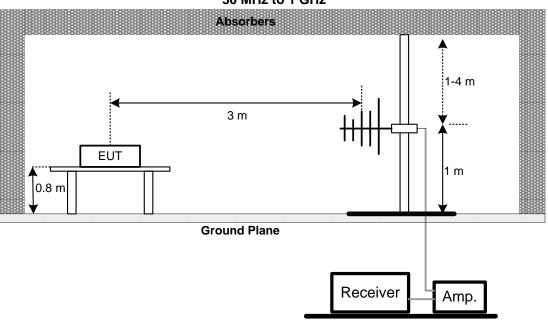


### 4.4 TEST SETUP

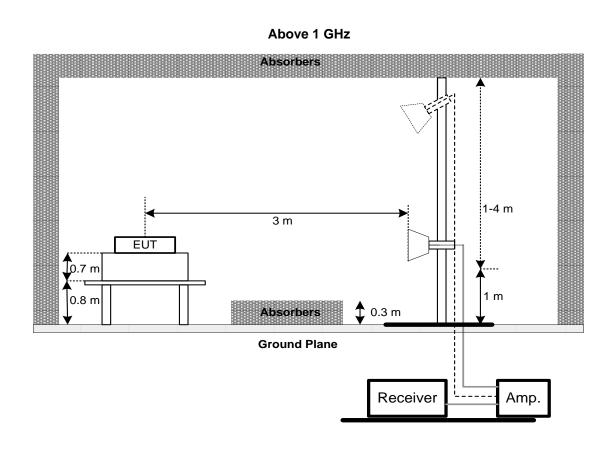
### 9 kHz to 30 MHz



### 30 MHz to 1 GHz









### 4.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

#### 4.6 TEST RESULT - 9kHz TO 30 MHz

Please refer to the APPENDIX B.

### 4.7 TEST RESULT - 30 MHZ TO 1 GHZ

Please refer to the APPENDIX C.

### 4.8 TEST RESULT - ABOVE 1 GHZ

Please refer to the APPENDIX D.

#### NOTE:

(1) No limit: This is fundamental signal, the judgment is not applicable. For fundamental signal judgment was referred to Peak output test.

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### **5 BANDWIDTH TEST**

### 5.1 APPLIED PROCEDURES / LIMIT

Section	Test Item	Limit	Frequency Range (MHz)	Result
15.247(a)(2)	Bandwidth	>= 500KHz	2400-2483.5	PASS
		(6dB bandwidth)		

#### 5.2 TEST PROCEDURE

- a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,
- b. Spectrum Setting: RBW= 100KHz, VBW=300KHz, Sweep time = 2.5 ms.

#### 5.3 DEVIATION FROM STANDARD

No deviation.

### 5.4 TEST SETUP



### 5.5 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 3.5 unless otherwise a special operating condition is specified in the follows during the testing.

#### 5.6 TEST RESULTS

Please refer to the APPENDIX E.

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#### 6 OUTPUT POWER TEST

### 6.1 APPLIED PROCEDURES / LIMIT

Section	Test Item	Limit	Frequency Range (MHz)	Result
15.247(b)(3)	Maximum Output Power	1 watt or 30dBm	2400-2483.5	PASS

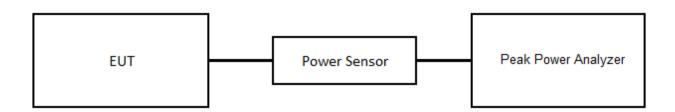
#### 6.2 TEST PROCEDURE

- a. The EUT was directly connected to the peak power analyzer and antenna output port as show in the block diagram below,
- b. The maximum peak conducted output power was performed in accordance with FCC KDB 558074 D01 15.247 Meas Guidance.

#### 6.3 DEVIATION FROM STANDARD

No deviation.

#### 6.4 TEST SETUP



#### 6.5 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 3.5 unless otherwise a special operating condition is specified in the follows during the testing.

#### 6.6 TEST RESULTS

Please refer to the APPENDIX F.

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### 7 POWER SPECTRAL DENSITY TEST

#### 7.1 APPLIED PROCEDURES / LIMIT

Section	Test Item	Limit	Frequency Range (MHz)	Result
15.247(e)	Power Spectral Density	8 dBm (in any 3KHz)	2400-2483.5	PASS

### 7.2 TEST PROCEDURE

- a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,
- b. Spectrum Setting: RBW=3KHz, VBW=10 KHz, Sweep time = auto.

#### 7.3 DEVIATION FROM STANDARD

No deviation.

### 7.4 TEST SETUP



### 7.5 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 3.5 unless otherwise a special operating condition is specified in the follows during the testing.

#### 7.6 TEST RESULTS

Please refer to the APPENDIX G.

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### 8 ANTENNA CONDUCTED SPURIOUS EMISSION

#### 8.1 APPLIED PROCEDURES / LIMIT

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated device is operating, the RF power that is produced 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 that the transmitter demonstrates compliance with the peak conducted power limits.

#### 8.2 TEST PROCEDURE

- a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,
- b. Spectrum Setting: RBW= 100KHz, VBW=300KHz, Sweep time = 10 ms.

#### 8.3 DEVIATION FROM STANDARD

No deviation.

#### 8.4 TEST SETUP



#### 8.5 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 3.5 unless otherwise a special operating condition is specified in the follows during the testing.

#### 8.6 TEST RESULTS

Please refer to the APPENDIX H.

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# 9 LIST OF MEASURING EQUIPMENTS

	AC Power Line Conducted Emissions						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until	
1	TWO-LINE V-NETWORK	R&S	ENV216	101521	2023/9/13	2024/9/12	
2	Test Cable	EMCI	EMCCFD300-BM -BMR-5000	220331	2023/3/30	2024/3/29	
3	EMI Test Receiver	R&S	ESR 7	101433	2023/11/10	2024/11/9	
4	Measurement Software	EZ	EZ_EMC (Version NB-03A1-01)	N/A	N/A	N/A	

Radiated Emissions						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Preamplifier	EMCI	EMC330N	980850	2023/9/6	2024/9/5
2	Preamplifier	EMCI	EMC118A45SE	980819	2023/3/7	2024/3/6
3	Pre-Amplifier	EMCI	EMC184045SE	980907	2023/9/21	2024/9/20
4	Preamplifier	EMCI	EMC001340	980579	2023/9/6	2024/9/5
5	Test Cable	EMCI	EMC104-SM-100 0	180809	2023/7/10	2024/7/9
6	Test Cable	EMCI	EMC104-SM-SM- 3000	220322	2023/3/14	2024/3/13
7	Test Cable	EMCI	EMC104-SM-SM- 7000	220324	2023/3/14	2024/3/13
8	EXA Signal Analyzer	keysight	N9020B	MY57120120	2023/2/24	2024/2/23
9	Loop Ant	Electro-Metrics	EMCI-LPA600	291	2023/9/12	2024/9/11
10	Horn Antenna	RFSPIN	DRH18-E	211202A18EN	2023/5/12	2024/5/11
11	Horn Ant	Schwarzbeck	BBHA 9170D	1136	2023/5/12	2024/5/11
12	Log-bicon Antenna	Schwarzbeck	VULB9168	1369	2023/5/9	2024/5/8
13	6dB Attenuator	EMCI	EMCI-N-6-06	AT-06001	2023/5/9	2024/5/8
14	Test Cable	EMCI	EMC101G-KM-K M-3000	220329	2023/3/14	2024/3/13
15	Test Cable	EMCI	EMC102-KM-KM- 1000	220327	2023/3/14	2024/3/13
16	Measurement Software	EZ	EZ_EMC (Version NB-03A1-01)	N/A	N/A	N/A

	Bandwidth					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Spectrum Analyzer	R&S	FSP 40	101139	2023/3/9	2024/3/8

10 10					Output Power					
Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until					
Peak Power Analyzer	Keysight	8990B	MY51000517	2023/3/15	2024/3/14					
Power Sensor	Keysight	N1923A	MY58310005	2023/3/15	2024/3/14					
	Equipment Peak Power Analyzer	Equipment Manufacturer Peak Power Analyzer Keysight	Equipment Manufacturer Type No.  Peak Power Analyzer Keysight 8990B	EquipmentManufacturerType No.Serial No.Peak Power AnalyzerKeysight8990BMY51000517	EquipmentManufacturerType No.Serial No.DatePeak Power AnalyzerKeysight8990BMY510005172023/3/15					

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	Power Spectral Density					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Spectrum Analyzer	R&S	FSP 40	101139	2023/3/9	2024/3/8

Antenna conducted Spurious Emission						
Item	tem Kind of Equipment Manufacturer Type No. Serial No. Calibrated Date Until					
1	Spectrum Analyzer	R&S	FSP 40	101139	2023/3/9	2024/3/8

Remark: "N/A" denotes no model name, no serial no. or no calibration specified.

All calibration period of equipment list is one year.

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40 FUT TEST BUOTO
10 EUT TEST PHOTO
Please refer to document Appendix No.: TP-2308T110-FCCP-1 (APPENDIX-TEST PHOTOS).
11 EUT PHOTOS
Please refer to document Appendix No.: EP-2308T110-1 (APPENDIX-EUT PHOTOS).

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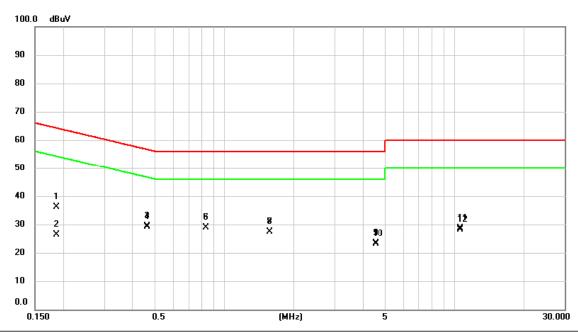


APPENDIX A	AC POWER LINE CONDUCTED EMISSIONS

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I	Test Mode	Normal	Tested Date	2023/12/28
ı	Test Frequency	-	Phase	Line

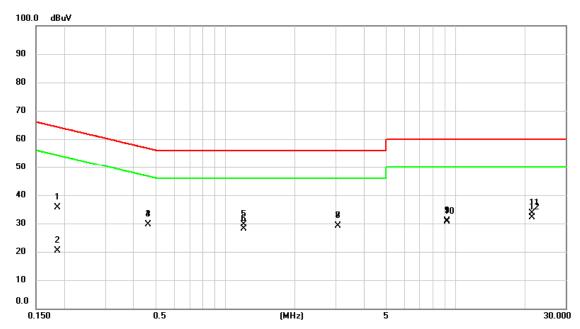


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin		
		MHz	dBu∨	dB	dBu∨	dBu∨	dB	Detector	Comment
1		0.1860	26.45	9.60	36.05	64.21	-28.16	QР	
2		0.1860	16.89	9.60	26.49	54.21	-27.72	AVG	
3		0.4627	19.68	9.58	29.26	56.64	-27.38	QP	
4		0.4627	19.60	9.58	29.18	46.64	-17.46	AVG	
5		0.8340	19.37	9.58	28.95	56.00	-27.05	QP	
6	*	0.8340	19.35	9.58	28.93	46.00	-17.07	AVG	
7		1.5765	17.80	9.62	27.42	56.00	-28.58	QP	
8		1.5765	17.70	9.62	27.32	46.00	-18.68	AVG	
9		4.5420	13.83	9.64	23.47	56.00	-32.53	QP	
10		4.5420	13.60	9.64	23.24	46.00	-22.76	AVG	
11		10.5697	18.86	9.73	28.59	60.00	-31.41	QP	
12		10.5697	18.30	9.73	28.03	50.00	-21.97	AVG	

- (1) Measurement Value = Reading Level + Correct Factor.(2) Margin Level = Measurement Value Limit Value.



Test Mode	Normal	Tested Date	2023/12/28
Test Frequency	-	Phase	Neutral

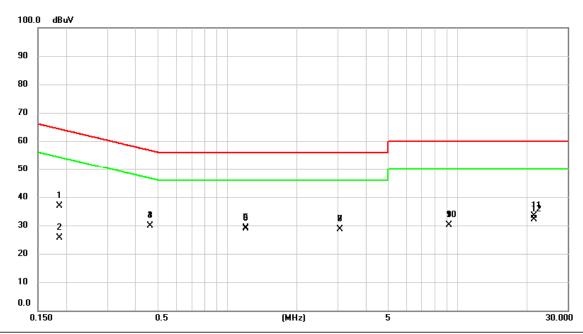


No. M	k. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin		
	MHz	dBu∨	dB	dBu∨	dBu∨	dB	Detector	Comment
1	0.1860	25.92	9.59	35.51	64.21	-28.70	QР	
2	0.1860	10.88	9.59	20.47	54.21	-33.74	AVG	
3	0.4627	20.10	9.57	29.67	56.64	-26.97	QP	
4	0.4627	20.05	9.57	29.62	46.64	-17.02	AVG	
5	1.2052	19.97	9.58	29.55	56.00	-26.45	QP	
6	1.2052	18.65	9.58	28.23	46.00	-17.77	AVG	
7	3.0727	19.59	9.63	29.22	56.00	-26.78	QP	
8 *	3.0727	19.45	9.63	29.08	46.00	-16.92	AVG	
9	9.2153	21.05	9.73	30.78	60.00	-29.22	QP	
10	9.2153	20.96	9.73	30.69	50.00	-19.31	AVG	
11	21.5048	23.75	9.83	33.58	60.00	-26.42	QP	
12	21.5048	22.41	9.83	32.24	50.00	-17.76	AVG	

- (1) Measurement Value = Reading Level + Correct Factor.(2) Margin Level = Measurement Value Limit Value.



Test Mode	Idle	Tested Date	2023/12/28
Test Frequency	-	Phase	Line

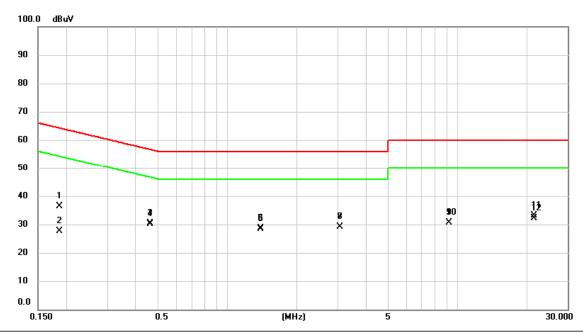


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin		
		MHz	dBu∨	dB	dBu∨	dBu∨	dB	Detector	Comment
1		0.1860	27.37	9.60	36.97	64.21	-27.24	QP	
2		0.1860	16.03	9.60	25.63	54.21	-28.58	AVG	
3		0.4627	20.37	9.58	29.95	56.64	-26.69	QP	
4	*	0.4627	20.28	9.58	29.86	46.64	-16.78	AVG	
5		1.2052	19.45	9.59	29.04	56.00	-26.96	QP	
6		1.2052	19.22	9.59	28.81	46.00	-17.19	AVG	
7		3.0705	19.08	9.64	28.72	56.00	-27.28	QP	
8		3.0705	19.01	9.64	28.65	46.00	-17.35	AVG	
9		9.2152	20.44	9.72	30.16	60.00	-29.84	QP	
10		9.2152	20.38	9.72	30.10	50.00	-19.90	AVG	
11		21.5025	23.59	9.71	33.30	60.00	-26.70	QP	
12		21.5025	22.33	9.71	32.04	50.00	-17.96	AVG	

- (1) Measurement Value = Reading Level + Correct Factor.(2) Margin Level = Measurement Value Limit Value.



Test Mode	Idle	Tested Date	2023/12/28
Test Frequency	-	Phase	Neutral



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin		
		MHz	dBu∨	dB	dBu∨	dBu∨	dB	Detector	Comment
1		0.1863	26.76	9.59	36.35	64.20	-27.85	QP	
2		0.1863	18.01	9.59	27.60	54.20	-26.60	AVG	
3		0.4627	20.71	9.57	30.28	56.64	-26.36	QP	
4	*	0.4627	20.65	9.57	30.22	46.64	-16.42	AVG	
5		1.3897	18.94	9.59	28.53	56.00	-27.47	QP	
6		1.3897	18.83	9.59	28.42	46.00	-17.58	AVG	
7		3.0727	19.62	9.63	29.25	56.00	-26.75	QP	
8		3.0727	19.51	9.63	29.14	46.00	-16.86	AVG	
9		9.2152	21.01	9.73	30.74	60.00	-29.26	QP	
10		9.2152	20.96	9.73	30.69	50.00	-19.31	AVG	
11		21.5047	23.38	9.83	33.21	60.00	-26.79	QP	
12		21.5047	22.26	9.83	32.09	50.00	-17.91	AVG	

- (1) Measurement Value = Reading Level + Correct Factor.(2) Margin Level = Measurement Value Limit Value.



APPENDIX B	RADIATED EMISSIONS - 9 KHZ TO 30 MHZ

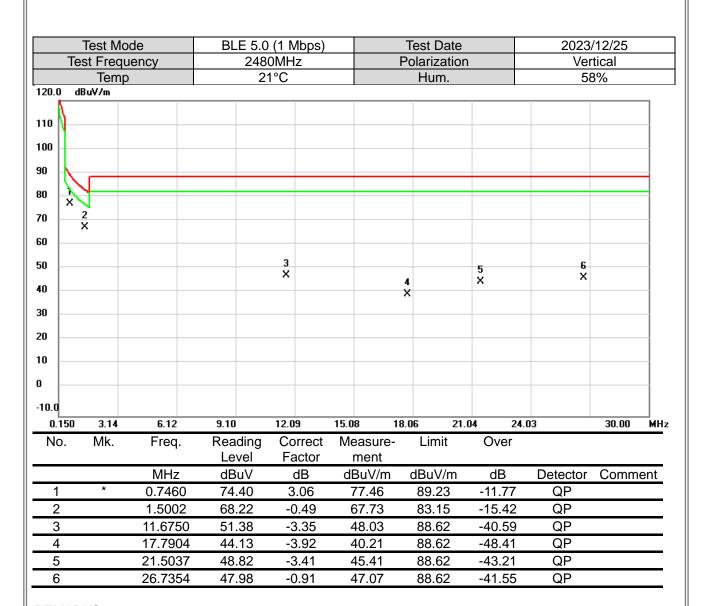
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	Test Mod	de	BLE 5.0	(1 Mbps)		Test Date		2023	/12/25		
Test Frequency			248	0MHz	ŀ	Polarization			tical		
	Temp		2	1°C		Hum.			58%		
150.0 d	BuV/m									_	
140											
130										4	
120					<del></del>						
110										-	
100										-	
90 -						1 X				-	
BO										-	
70										$\perp$	
50										+	
50										+	
40										$\parallel$	
30 -										+	
20.0											
0.009	0.02	0.04	0.05	0.07		09 0.11	0.12		0.15	MH	
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over				
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comm	ent	
1	*	0.0926	71.46	17.59	89.05	127.35	-38.30	AVG			

- (1) Measurement Value = Reading Level + Correct Factor.
  (2) Margin Level = Measurement Value Limit Value.





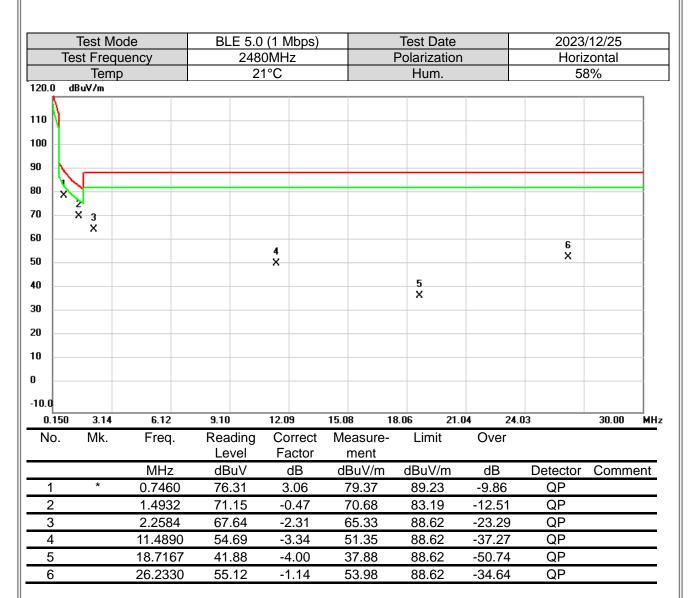
- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.



	Test Mod	de	BLE 5.0	(1 Mbps)		Test Date		2023	/12/25	
Te	st Freque	ency		0MHz	I	Polarization	Horizontal			
	Temp		2	1°C		Hum.	58%			
150.0 dl	BuV/m									_
140										
30										-
20										
10										4
00						1				+
0 -						×				+
0										+
0										+
0 -										-
io										+
10										+
:0										-
20.0										
0.009	0.02	0.04	0.05	0.07		09 0.11	0.12		0.15	MI
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over			
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comm	ent
1	*	0.0926	74.75	17.59	92.34	127.35	-35.01	AVG		

- (1) Measurement Value = Reading Level + Correct Factor.
  (2) Margin Level = Measurement Value Limit Value.





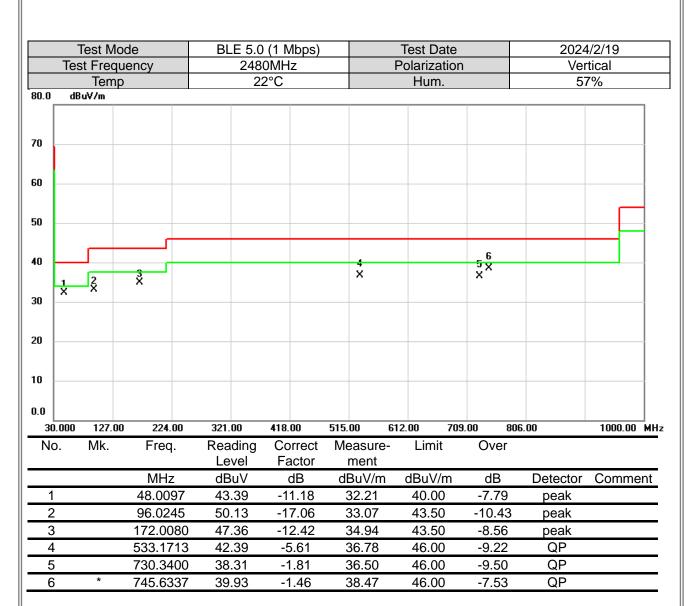
- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.



APPENDIX C	RADIATED EMISSIONS - 30 MHZ TO 1 GHZ

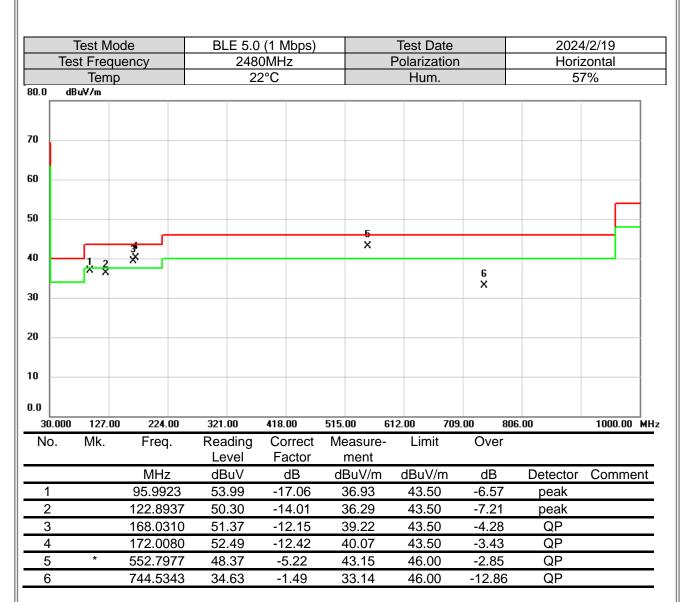
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- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.





- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.

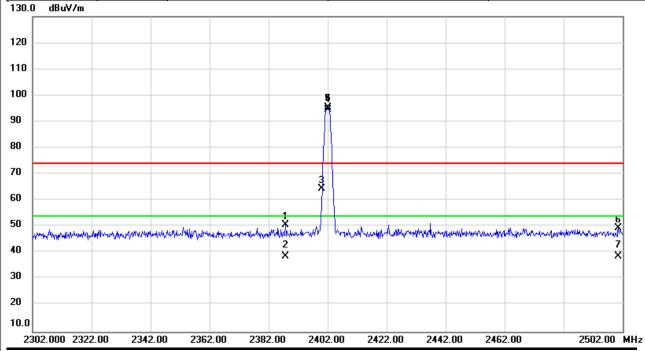


APPENDIX D	RADIATED EMISSIONS - ABOVE 1 GHZ

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Test Mode	BLE 5.0 (2 Mbps)	Test Date	2023/12/6
Test Frequency	2402MHz	Polarization	Horizontal
Temp	22°C	Hum.	57%
Test Mode	BLE 5.0 (1 Mbps)	Test Date	2023/12/22
Test Frequency	2402MHz	Polarization	Horizontal
Temp	20°C	Hum.	50%



No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over		
			Level	Factor	ment				
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2387.673	56.21	-5.58	50.63	74.00	-23.37	peak	
2		2387.673	44.13	-5.58	38.55	54.00	-15.45	AVG	
3		2400.000	70.08	-5.56	64.52	74.00	-9.48	peak	NoLimit
4	Χ	2402.000	101.00	-5.55	95.45	74.00	21.45	peak	NoLimit
5	*	2402.000	100.07	-5.55	94.52	54.00	40.52	AVG	NoLimit
6		2500.587	54.83	-5.38	49.45	74.00	-24.55	peak	
7		2500.587	43.90	-5.38	38.52	54.00	-15.48	AVG	

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.



	Test N	/lode	В	LE 5.0	(1 Mbps)		Test Date		2023	/12/22
	Test Fre				0MHz		Polarization			zontal
	Ter	np		20	0°C		Hum.		50	0%
130.0	dBuV/m									
120										
110										
'''										
100						<b></b>				
90										
80										
_										
70  -										
" [										
60										
60	· ×					5				
60 50		alwaye was a hard always.	de aprilionitativi	Nagylandrach	ydayga golovolpiyaa ondo		r Makrip Michael	w-land-wateraphy	-montrellouderpaph	(Many on Albert Administry)
60		alwayar karan kalala wa alifa	તું કહ્યું ક 	Nyderwelly	wasan and and france and a	Strangeller X	r Maring Araba Maring and Araba	wedpang was early	oranisational against t	(then, without before the
60 50		alway March of March	નીક <sub>ા</sub> નહું કહું છે. તે કહે તે કહે તે કહે છે.	hajida merile hije	and the second s		erretulari participati di seriari	no de la constitución de la cons	, was signed to a design of the	gran en stand between stry
60 50 40		dragore, de de la constru	oda, a frablishi shirka di	hajiylararak (j.)	ngangan pangan pang		r Maring a Production of the State of the St	er-famely seasons and by	manufacture.	grammadhail dhanngh,
60 50 40 30		alway March of March	ત્રેયું ત્રફારમી જાણે પ્રેયું કર્યા	hajiylararakiri jir	aging peter peter peter person person		ertekskyrtys ett som blisselserskyrty	Northwest Constitutions	one was a second of the second	grangen state and the beautiful
60 50 40 30 20				10,00	2460.00	×			~~~~//~~ <del>\</del>	2580.00 MH
60 50 40 30 20	2 X 80.000 240		00 244 Re:	10.00 ading	2460.00 Correct	2480.00 2 Measure-				
60 - 50 - 40 - 30 - 20 - 238	2 X 80.000 240	0.00 2420.	00 244 Re: Le	10.00	2460.00	X 2480.00 2	2500.00 252	0.00 254		
60 - 50 - 40 - 30 - 20 - 238	2 X 80.000 240	0.00 2420. Freq.	00 244 Re: Lo	10.00 ading evel	2460.00 Correct Factor	2480.00 2 Measure- ment	2500.00 252 Limit	0.00 254 Over	0.00	2580.00 MH
50 40 - 30 20 238 No	2 X 80.000 240 ). Mk.	0.00 2420. Freq. MHz 2388.86 2388.86	00 244 Rea Le dl 67 54	ading evel BuV 4.97	2460.00 Correct Factor dB -5.58 -5.58	2480.00 2 Measure- ment dBuV/m 49.39 38.37	2500.00 252 Limit dBuV/m 74.00 54.00	0.00 254 Over dB -24.61 -15.63	0.00 Detector	2580.00 MH
60 40 40 40 238 No 1220 238 No 220 No 220 238 No 220	2 X 80.000 240 D. Mk.	0.00 2420. Freq. MHz 2388.86 2388.86 2480.00	00 244 Rea Le dl 67 54 67 43	ading evel BuV 4.97 3.95 3.25	2460.00 Correct Factor dB -5.58 -5.58 -5.41	2480.00 2 Measure- ment dBuV/m 49.39 38.37 97.84	2500.00 252 Limit dBuV/m 74.00 54.00 74.00	0.00 254 Over dB -24.61 -15.63 23.84	Detector peak AVG peak	2580.00 MH  Comment  NoLimit
550 238 30 220 238 No	2 X 80.000 240 b. Mk.	0.00 2420. Freq. MHz 2388.86 2388.86 2480.00 2480.00	00 244 Res Le dl 67 54 67 43 00 10	ading evel BuV 4.97 3.95 3.25 2.33	2460.00 Correct Factor dB -5.58 -5.58 -5.41 -5.41	2480.00 2 Measure- ment dBuV/m 49.39 38.37 97.84 96.92	2500.00 252 Limit dBuV/m 74.00 54.00 74.00 54.00	Over  dB -24.61 -15.63 23.84 42.92	Detector peak AVG peak AVG	2580.00 MH
60 40 40 40 238 No 1220 238 No 220 No 220 238 No 220	2 X 80.000 240 b. Mk.	0.00 2420. Freq. MHz 2388.86 2388.86 2480.00	00 244 Rea Le dl 67 54 67 43 00 10 00 10	ading evel BuV 4.97 3.95 3.25	2460.00 Correct Factor dB -5.58 -5.58 -5.41	2480.00 2 Measure- ment dBuV/m 49.39 38.37 97.84	2500.00 252 Limit dBuV/m 74.00 54.00 74.00	0.00 254 Over dB -24.61 -15.63 23.84	Detector peak AVG peak	2580.00 MH  Comment  NoLimit

- (1) Measurement Value = Reading Level + Correct Factor.
  (2) Margin Level = Measurement Value Limit Value.



	Test Mo			(1 Mbps)		Test Date		2023/12/22 Vertical			
	Test Freq			2MHz		Polarization	n				
	Tem	p	2	0°C		Hum.		50	)%		
130.0	dBuV/m										
120											
110											
100											
90											
30											
70											
io											
io <u> </u>		* *									
ю		^									
80											
20											
10.0											
	0.000 2700.		6100.00	7800.00				500.00	18000.00 MH		
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	- Limit	Over				
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment		
1		4804.000		0.50	50.77	74.00	-23.23	peak			
2	*	4804.000	46.13	0.50	46.63	54.00	-7.37	AVG			

- (1) Measurement Value = Reading Level + Correct Factor.(2) Margin Level = Measurement Value Limit Value.



		Mod			BL		(1 Mb	ps)				Test D				2023/12/22		
	Test F		ency				2MHz				F	Polariza					zontal	
		emp				20	O°C					Hum	۱.			5	0%	
130.0	dBuV/i	n																_
120																		-
110																		_
100																		_
90																		_
30																		_
o																		_
io																		4
io				k X														_
10 <u> </u>				Ŷ														_
30																		_
20																		4
0.0																		
	0.000 2				6100.		7800.0		9500			200.00			14600.00	0	18000.	00 MH
No.	M	K.	Freq	·	Read Lev		Corr Fac			easur ment		Limi	τ	Ove	r 			
			MHz		dBı	ıV	dE	3	dl	3uV/r	n	dBuV	m_	dB	De	etector	Comm	ent
1			4804.0	00	46.	44	0.5	0	4	6.94		74.0	0	-27.0	6	peak		
2	*		4804.0	000	42.	97	0.5	0		3.47		54.0	0	-10.5	3	AVG		

- (1) Measurement Value = Reading Level + Correct Factor.(2) Margin Level = Measurement Value Limit Value.



_	Test Mo			(1 Mbps)		Test Date		2023/12/22 Vertical			
Te	est Frequ			0MHz		Polarization	n	Vertical			
100.0	Temp		20	0°C		Hum.		50	)%		
130.0	dBuV/m										
120											
110											
100											
90											
80											
70											
60											
50		1 X X									
40											
30											
20											
10.0											
1000.	000 2700.0	0 4400.00	6100.00	7800.00				500.00	18000.00 MHz		
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure ment	- Limit	Over				
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment		
1		4880.000	51.16	0.73	51.89	74.00	-22.11	peak			
2	*	4880.000	46.99	0.73	47.72	54.00	-6.28	AVG			

- (1) Measurement Value = Reading Level + Correct Factor.(2) Margin Level = Measurement Value Limit Value.



-	Test Mode Test Frequency					(1 Mbps)			Test Da			3/12/22		
	Ten		ncy			<u>0MHz</u> 0°C			Polarizat Hum.			Horizontal 50%		
130.0	dBuV/m	ıμ				0 0			HIUIII.			U /0		
120 —														
110														
100														
90														
80														
70 🗀														
50 <u> </u>														
50				1 Ž X										
10 <u> </u>														
30														
20														
10.0														
	.000 2700	0.00	4400.		6100.00	7800.00	9500.00			12900.00	14600.00	18000.00 MH		
No.	Mk.		Freq.		Reading Level	Correct Factor	Measure ment	9-	Limit	Ove	er			
			MHz		dBuV	dB	dBuV/n	n	dBuV/n	n dB	Detector	Comment		
1			4880.0	00	51.62	0.73	52.35		74.00	-21.0	65 peak	-		
2	*		4880.0	00	46.33	0.73	47.06		54.00	-6.9	4 AVG			

- (1) Measurement Value = Reading Level + Correct Factor.(2) Margin Level = Measurement Value Limit Value.



	Test Mo			(1 Mbps)		Test Date		2023/12/22		
T	est Frequ			0MHz		Polarizatio	n	Vertical		
	Temp	)	2	0°C		Hum.		50	0%	
130.0	dBuV/m									
120										
110										
100										
90										
80										
70										
60										
50		3								
40										
30										
20										
10.0										
	.000 2700.0		6100.00	7800.00				500.00	18000.00 MHz	
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over			
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment	
1		4960.000	52.24	0.99	53.23	74.00	-20.77	peak		
2	*	4960.000	49.44	0.99	50.43	54.00	-3.57	AVG		

- (1) Measurement Value = Reading Level + Correct Factor.(2) Margin Level = Measurement Value Limit Value.



_	Test N					.0 (1 Mbps	)		Test Da				/12/22
	<u>Test Fre</u> Ter		ncy			80MHz 20°C			Polariza Hum				zontal 0%
130.0	dBuV/m	пр				20 C			Hulli	•		50	J /0
120													
110 _													
100													
90													
80 _													
70													
60 _													
50				1 2 X									
40				×									
30													
20													
10.0													
	0.000 270		4400		6100.00	7800.00	9500.0		1200.00	12900.00		600.00	18000.00 MH
No.	Mk.		Freq	•	Reading Level	Correct Factor		asure- nent	Limit	: O	ver		
			MHz		dBuV	dB	dB	uV/m	dBuV/	m c	ΙB	Detector	Comment
1			4960.0	00	46.78	0.99	47	7.77	74.00	-26	5.23	peak	
2	*		4960.0	00	40.59	0.99	4	1.58	54.00	) -12	2.42	AVG	

- (1) Measurement Value = Reading Level + Correct Factor.(2) Margin Level = Measurement Value Limit Value.



7		Test Mode est Frequency			BL	E 5.0						Test D				2023/12/25 Vertical		
l			СУ				<u>0MH</u> 1°C					olariza Hun						
130.0	Tem dBuV/m	ıp					1-0					Hun	1.			50	3%	
	uburriii.																	7
120																		
110																		-
100																		
90																		
80																		
70																		1
60																		-
50																		
40				1 X														-
30				2 X														-
20																		-
10.0																		
	0.000 1885	50.00		00.00		50.00	2140		2225	50.00	23	00.00		50.00	248	00.00	26500.0	0 MHz
No.	Mk.		Freq			ding vel		rrect ctor		easur ment		Lim	it	Ove	er			
			MHz	_	dB	uV	(	dΒ	dE	3uV/r	n	dBuV	/m	dE	3	Detector	Comme	ent
1		1	9840	.00	44	.77	-7	'.47	3	37.30	)	74.0	0	-36.	70	peak		
2	*	1	9840	.00	34	.37	-7.47		2	26.90		54.00		-27.	10	AVG		

- (1) Measurement Value = Reading Level + Correct Factor.(2) Margin Level = Measurement Value Limit Value.



Test Mode Test Frequency Temp				BL	E 5.0				Test Date Polarization					/12/25 zontal				
				2480MHz 21°C					Hum.				58%					
130.0	dBuV/m	·P										11411	••				3,0	
120																		
110																		_
100																		-
90																		-
80																		
70																		7
60																		
50																		1
40				1 X														1
30				2 X														
20																		1
10.0	0.000 1885	0.00	1970	0.00	2055	50.00	21.40	0.00	222	50.00	22	100.00	220	E0 00	240	00.00	26500.0	
No.	0.000 1885 Mk.	0.00	Freq		Rea	ding vel	Со	rrect	Me	easur ment	e-	Lim		50.00 Ov		UU.UU	26300.0	UMHZ
			MHz	,		uV		dB		BuV/r		dBuV	/m	dE	3	Detector	Comme	ent
1		19	9840.			.35		'.47		36.88		74.0		-37.		peak	30	
2	*	19	9840.	.00	33	.98	-7	'.47	2	26.51		54.0	0	-27.	49	AVG		

- (1) Measurement Value = Reading Level + Correct Factor.(2) Margin Level = Measurement Value Limit Value.



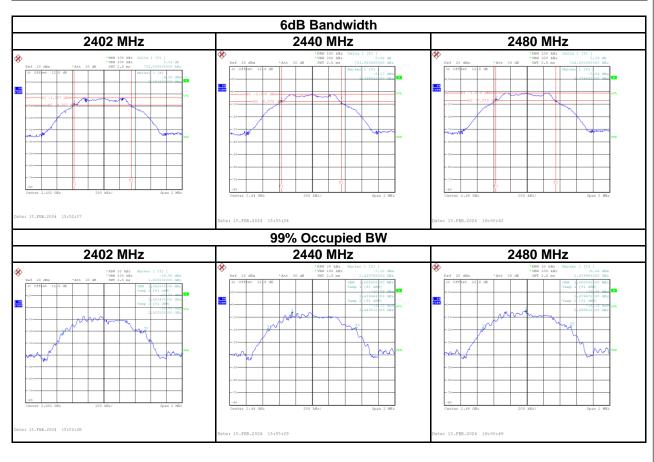
		Repoll No., BTL-FCCF-2-23001110
	APPENDIX E	BANDWIDTH

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Test Mode: BLE 5.0\_1 Mbps

Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2402	0.73	1.05	500	Pass
2440	0.73	1.07	500	Pass
2480	0.72	1.06	500	Pass





	Report No.: BTL-FCCP-2-2308T110
APPENDIX F	OUTPUT POWER

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Test Mode : BLE 5.0\_1 Mbps Tested Date 2024/2/15

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Test Result
2402	0.04	0.0010	30.00	1.0000	Pass
2440	0.63	0.0012	30.00	1.0000	Pass
2480	1.20	0.0013	30.00	1.0000	Pass

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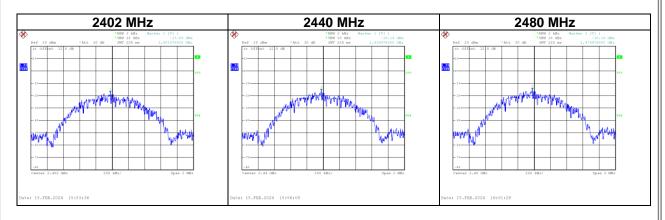
	Report No.: BTL-FCCP-2-2308T110
APPENDIX G	POWER SPECTRAL DENSITY TEST

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Test Mode : BLE 5.0\_1 Mbps

Frequency (MHz)	Power Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Test Result	
2402	-17.69	8	Pass	
2440	-16.14	8	Pass	
2480	-15.18	8	Pass	





APPENDIX H	ANTENNA CONDUCTED SPURIOUS EMISSION

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