



FCC Radio Test Report

FCC ID: GM8BRC10

: BTL-FCCP-1-2407T132 Report No. Equipment : Bluetooth Remote Control

Model Name : BRC-10 **Brand Name** : ORtek

Applicant : ORtek Technology, Inc.

: 13F-5, No. 150, Jian-Yi Rd., Zhonghe Dist., New Taipei City, Taiwan, Address

Radio Function : Bluetooth Low Energy

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

: ANSI C63.10-2013 Measurement

Procedure(s)

Date of Receipt : 2024/8/2

Date of Test : 2024/8/8 ~ 2024/10/11

Issued Date : 2024/10/18

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

Prepared by

Approved by

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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-1-2407T132	R00	Original Report.	2024/10/18	Valid

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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.

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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)

□ C05 □ CB08

□ CB11

SR10

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

(FCC DN: TW0659)

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

(FCC DN: TW0659)

□ C06

□ 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
CB21	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.

1.3 TEST ENVIRONMENT CONDITIONS

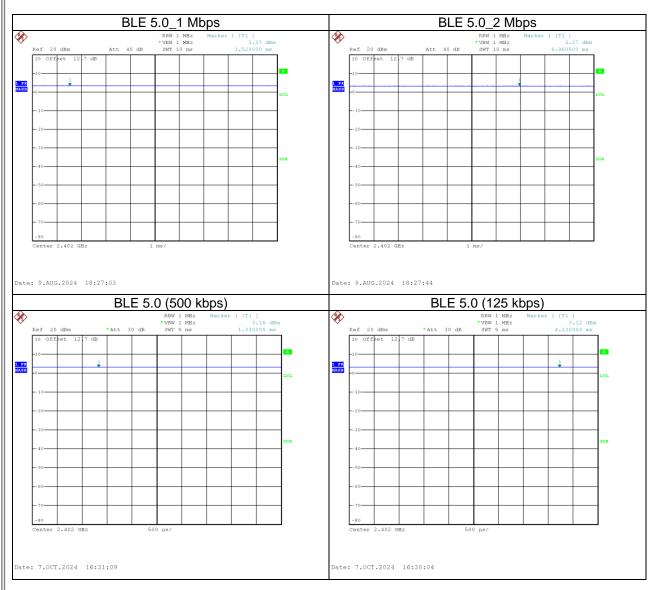
Test Item	Environment Condition	Test Voltage	Tested by
AC Power Line Conducted Emissions	25 °C, 46 %	AC 120V	Easton Tsai
Radiated emissions below 1 GHz	Refer to data	DC 3 V	Mark Wang Emily Chang
Radiated emissions above 1 GHz	Refer to data	DC 3 V	Mark Wang Emily Chang
Bandwidth	26.4 °C, 55 %	DC 3 V	Ken Lan
Output Power	26.4 °C, 55 %	DC 3 V	Ken Lan
Power Spectral Density	26.4 °C, 55 %	DC 3 V	Ken Lan
Antenna conducted Spurious Emission	26.4 °C, 55 %	DC 3 V	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
lviode	(ms)	(ON)	(ms)	(ms)	(%)	(dB)
BLE (1 Mbps)	1.000	1	1.000	1.000	100.00%	0.00
BLE (2 Mbps)	1.000	1	1.000	1.000	100.00%	0.00
BLE (500 kbps)	1.000	1	1.000	1.000	100.00%	0.00
BLE (125 kbps)	1.000	1	1.000	1.000	100.00%	0.00





2 GENERAL INFORMATION

2.1 DESCRIPTION OF EUT

Equipment	Bluetooth Remote Control
Model Name	BRC-10
Brand Name	ORtek
Model Difference	N/A
Power Source	Supplied from battery. (KTS, maxell / CR2032)
Power Rating	DC 3V
	2 * Attract-Action Camera Grip:
Products Covered	(1) ORtek / MCG-100
Floducis Covered	(2) ORtek / MCG-100 Lite
	1 * Type-C to USB Cable (For MCG-100)
Operation Band	2400 MHz ~ 2483.5 MHz
Operation Frequency	2402 MHz ~ 2480 MHz
Modulation Technology	GFSK
Transfer Rate	1 Mbps, 2 Mbps, 500 kbps, 125 kbps
	1 Mbps: 3.48 dBm (0.0022 W)
Output Power Max.	2 Mbps: 3.48 dBm (0.0022 W)
Output Fower Max.	500 kbps: 3.66 dBm (0.0023 W)
	125 kbps: 3.67 dBm (0.0023 W)
Test Software Version	rftool_v1_6_16_1
Test Model	BRC-10
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:

Antenna	Manufacture	Model Name	Antenna Type	Connector	Frequency (MHz)	Gain (dBi)
1	Atmosic Technologies	ATM2-MOD-A	PCB	N/A	2402-2480	4.21

(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	19	-
Transmitter Radiated Emissions	BLE 5.0 / 1, 2 Mbps BLE 5.0 / 500, 125 kbps	00/39	Bandedge
(above 1GHz)	BLE 5.0 / 1, 2 Mbps BLE 5.0 / 500, 125 kbps	00/19/39	Harmonic
Transmitter Radiated Emissions (above 18GHz)	BLE 5.0 / 1 Mbps	19	-
Bandwidth	BLE 5.0 / 1, 2 Mbps BLE 5.0 / 500, 125 kbps	00/19/39	-
Output Power	BLE 5.0 / 1, 2 Mbps BLE 5.0 / 500, 125 kbps	00/19/39	-
Power Spectral Density	BLE 5.0 / 1, 2 Mbps BLE 5.0 / 500, 125 kbps	00/19/39	-
Antenna conducted Spurious Emission	BLE 5.0 / 1, 2 Mbps BLE 5.0 / 500, 125 kbps	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.

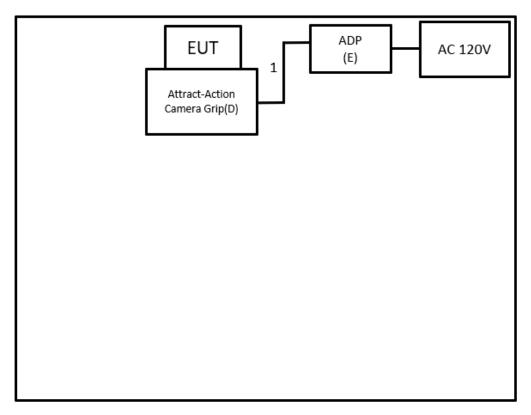
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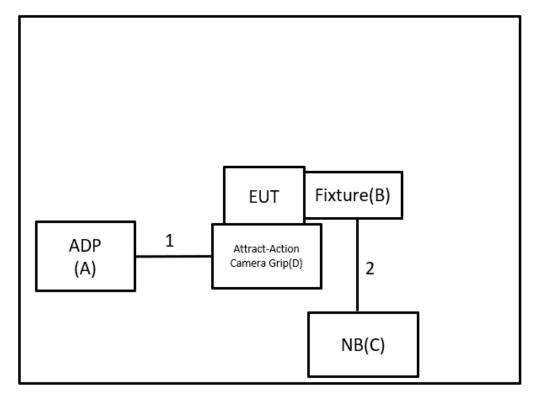
2.3 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

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

AC power line conducted emissions



Radiated Emissions



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2.4 SUPPORT UNITS

Item	Equipment	Brand	Model No.	Series No.	Remarks
Α	ADP	HUAWEI	HW-200325EP0	N/A	Furnished by test lab.
В	Fixture	Atmosic	011-40-2661	N/A	Supplied by test requester
С	NB	ASUS	X555LN-0021B4210U	N/A	Furnished by test lab.
D	Attract-Action Camera Grip	ORtek	MCG-100	N/A	Supplied by test requester
Е	ADP	SAMSUNG	EP-TA 20 JWS	N/A	Furnished by test lab.

Item	Shielded	Ferrite Core	Length	Cable Type	Remarks
1	No	No	0.5m	Type-C to USB	Supplied by test requester
2	No	No	1m	Mini B to USB	Furnished by test lab.

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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 (dBµV)		Correct Factor (dB)		Measurement Value (dBµV)
38.22	+	3.45	=	41.67

Measurement Value (dBµV)		Limit Value (dBµV)		Margin Level (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.
- e. For the actual test configuration, please refer to the related Item EUT TEST PHOTO.

NOTE:

- (1) 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.

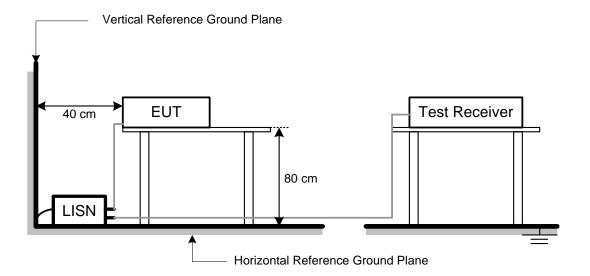
3.3 DEVIATION FROM TEST STANDARD

No deviation.

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3.4 TEST SETUP



3.5 TEST RESULT

Please refer to the APPENDIX A.



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)		Emissions V/m)	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 (dBuV)		Correct Factor (dB)		Measurement Value (dBuV/m)
41.91	+	-8.36	=	33.55

Measurement Value (dBuV/m)		Limit Value (dBuV/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

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

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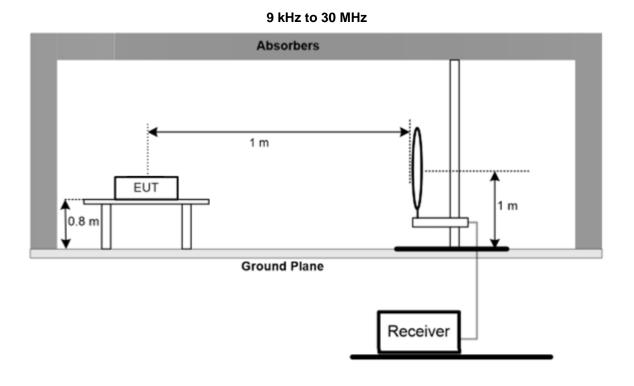
4.2 TEST PROCEDURE

- 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)
- i. 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.

4.4 TEST SETUP



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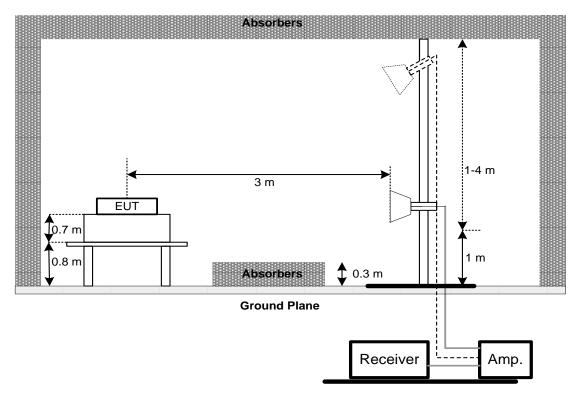
Absorbers

Absorbers

Ground Plane

Receiver Amp.

Above 1 GHz



4.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.



4.6 TEST RESULT - BELOW 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 (6dB bandwidth)	2400-2483.5	PASS

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

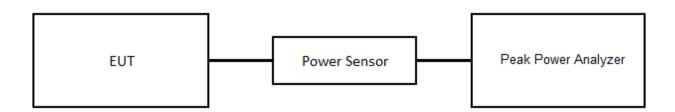
6.2 TEST PROCEDURE

- 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

EUT SPECTRUM ANALYZER

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	101497	2024/5/20	2025/5/19	
2	Test Cable	EMCI	EMC400-BM-BM- 5000	170501	2024/7/31	2025/7/30	
3	EMI Test Receiver	R&S	ESR3	102950	2024/4/12	2025/4/11	
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	2024/3/6	2025/3/5	
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	2024/3/8	2025/3/7	
6	Test Cable	EMCI	EMC104-SM-SM- 3000	220322	2024/3/8	2025/3/7	
7	Test Cable	EMCI	EMC104-SM-SM- 7000	220324	2024/3/8	2025/3/7	
8	EXA Signal Analyzer	keysight	N9020B	MY57120120	2024/2/23	2025/2/22	
9	Loop Ant	Electro-Metrics	EMCI-LPA600	291	2023/9/12	2024/9/11	
10	Horn Antenna	RFSPIN	DRH18-E	211202A18EN	2024/5/9	2025/5/8	
11	Horn Ant	Schwarzbeck	BBHA 9170D	1136	2024/5/17	2025/5/16	
12	Log-bicon Antenna	Schwarzbeck	VULB9168	1369	2024/6/14	2025/6/13	
13	6dB Attenuator	EMCI	EMCI-N-6-06	AT-06001	2024/6/14	2025/6/13	
14	Test Cable	EMCI	EMC101G-KM-K M-3000	220329	2024/3/13	2025/3/12	
15	Test Cable	EMCI	EMC102-KM-KM- 1000	220327	2024/3/13	2025/3/12	
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	2024/3/8	2025/3/7

	Output Power						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until	
1	Peak Power Analyzer	Keysight	8990B	MY51000517	2024/3/12	2025/3/11	
2	Power Sensor	Keysight	N1923A	MY58310005	2024/3/12	2025/3/11	

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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	2024/3/8	2025/3/7

	Antenna conducted Spurious Emission						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until	
1	Spectrum Analyzer	R&S	FSP 40	101139	2024/3/8	2025/3/7	

"N/A" denotes no model name, no serial no. or no calibration specified. All calibration period of equipment list is one year. Remark:

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40 FUT TEST BUOTO
10 EUT TEST PHOTO
Please refer to document Appendix No.: TP-2407T132-FCCP-1 (APPENDIX-TEST PHOTOS).
11 EUT PHOTOS
Please refer to document Appendix No.: EP-2407T132-1 (APPENDIX-EUT PHOTOS).

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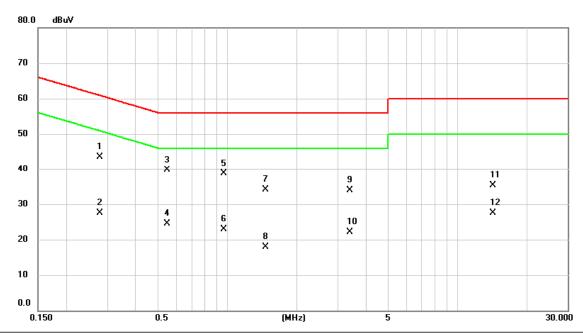


APPENDIX A	AC POWER LINE CONDUCTED EMISSIONS

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Test Mode	Э	Normal	Tested Date	2024/8/12
Test Freq	uency	-	Phase	Line

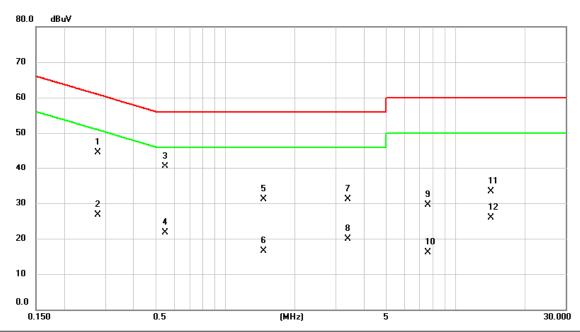


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin		
		MHz	dBu∨	dB	dBu∨	dBu∨	dB	Detector	Comment
1		0.2782	33.95	9.58	43.53	60.87	-17.34	QР	
2		0.2782	17.95	9.58	27.53	50.87	-23.34	AVG	
3	*	0.5482	30.22	9.58	39.80	56.00	-16.20	QP	
4		0.5482	14.92	9.58	24.50	46.00	-21.50	AVG	
5		0.9667	29.01	9.62	38.63	56.00	-17.37	QP	
6		0.9667	13.31	9.62	22.93	46.00	-23.07	AVG	
7		1.4685	24.52	9.63	34.15	56.00	-21.85	QP	
8		1.4685	8.37	9.63	18.00	46.00	-28.00	AVG	
9		3.3855	24.23	9.70	33.93	56.00	-22.07	QP	
10		3.3855	12.35	9.70	22.05	46.00	-23.95	AVG	
11		14.2125	25.24	10.01	35.25	60.00	-24.75	QP	
12		14.2125	17.51	10.01	27.52	50.00	-22.48	AVG	

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



Test Mode	Normal	Tested Date	2024/8/12
Test Frequency	-	Phase	Neutral

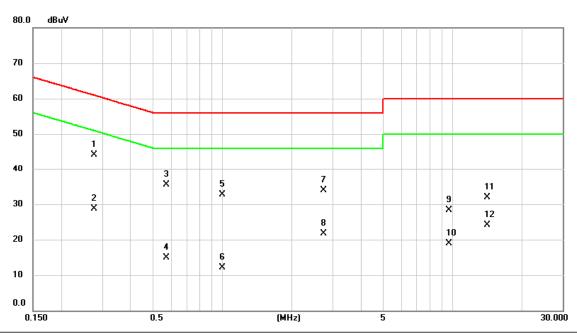


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin		
		MHz	dBu∨	dB	dBu∨	dBu∨	dB	Detector	Comment
1		0.2782	34.95	9.58	44.53	60.87	-16.34	QР	
2		0.2782	17.17	9.58	26.75	50.87	-24.12	AVG	
3	*	0.5482	30.90	9.58	40.48	56.00	-15.52	QP	
4		0.5482	12.17	9.58	21.75	46.00	-24.25	AVG	
5		1.4685	21.42	9.64	31.06	56.00	-24.94	QP	
6		1.4685	6.84	9.64	16.48	46.00	-29.52	AVG	
7		3.3855	21.42	9.73	31.15	56.00	-24.85	QP	
8		3.3855	10.10	9.73	19.83	46.00	-26.17	AVG	
9		7.5840	19.61	9.84	29.45	60.00	-30.55	QP	
10		7.5840	6.35	9.84	16.19	50.00	-33.81	AVG	
11		14.2125	23.15	10.11	33.26	60.00	-26.74	QP	
12		14.2125	15.81	10.11	25.92	50.00	-24.08	AVG	

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



Test Mode	Idle	Tested Date	2024/8/12
Test Frequency	-	Phase	Line

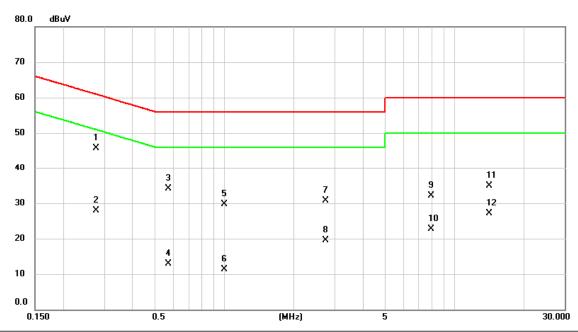


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin		
		MHz	dBu∨	dB	dBu∨	dBu∨	dB	Detector	Comment
1	*	0.2760	34.62	9.58	44.20	60.94	-16.74	QP	
2		0.2760	19.19	9.58	28.77	50.94	-22.17	AVG	
3		0.5707	25.89	9.58	35.47	56.00	-20.53	QР	
4		0.5707	5.34	9.58	14.92	46.00	-31.08	AVG	
5		0.9982	23.10	9.62	32.72	56.00	-23.28	QР	
6		0.9982	2.41	9.62	12.03	46.00	-33.97	AVG	
7		2.7398	24.19	9.67	33.86	56.00	-22.14	QР	
8		2.7398	11.94	9.67	21.61	46.00	-24.39	AVG	
9		9.6698	18.41	9.83	28.24	60.00	-31.76	QP	
10		9.6698	9.02	9.83	18.85	50.00	-31.15	AVG	
11		14.1810	21.92	10.00	31.92	60.00	-28.08	QP	
12		14.1810	14.01	10.00	24.01	50.00	-25.99	AVG	

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



Test Mode	Idle	Tested Date	2024/8/12
Test Frequency	-	Phase	Neutral



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Margin		
		MHz	dBu∨	dB	dBu∨	dBu∨	dB	Detector	Comment
1	*	0.2760	36.08	9.58	45.66	60.94	-15.28	QP	
2		0.2760	18.27	9.58	27.85	50.94	-23.09	AVG	
3		0.5707	24.59	9.59	34.18	56.00	-21.82	QP	
4		0.5707	3.27	9.59	12.86	46.00	-33.14	AVG	
5		0.9982	20.04	9.63	29.67	56.00	-26.33	QP	
6		0.9982	1.72	9.63	11.35	46.00	-34.65	AVG	
7		2.7398	20.93	9.68	30.61	56.00	-25.39	QP	
8		2.7398	9.81	9.68	19.49	46.00	-26.51	AVG	
9		7.8990	22.21	9.84	32.05	60.00	-27.95	QP	
10		7.8990	12.84	9.84	22.68	50.00	-27.32	AVG	
11		14.1810	24.79	10.10	34.89	60.00	-25.11	QP	
12		14.1810	16.98	10.10	27.08	50.00	-22.92	AVG	

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



APPENDIX B RADIATED EMISSIONS - 9 KHZ TO 30 MHZ

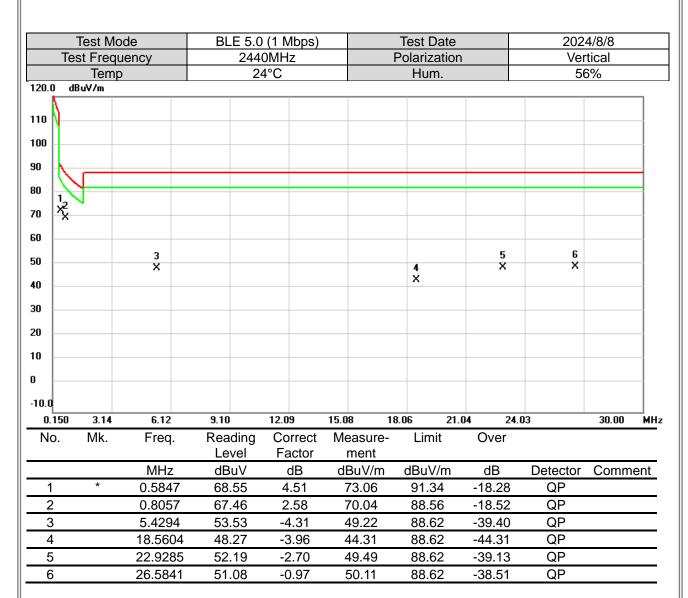
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	Test Mod) (1 Mbps)		Test Date			4/8/8		
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		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comm	ent	
1	*	0.0515	29.11	23.17	52.28	132.45	-80.17	AVG			

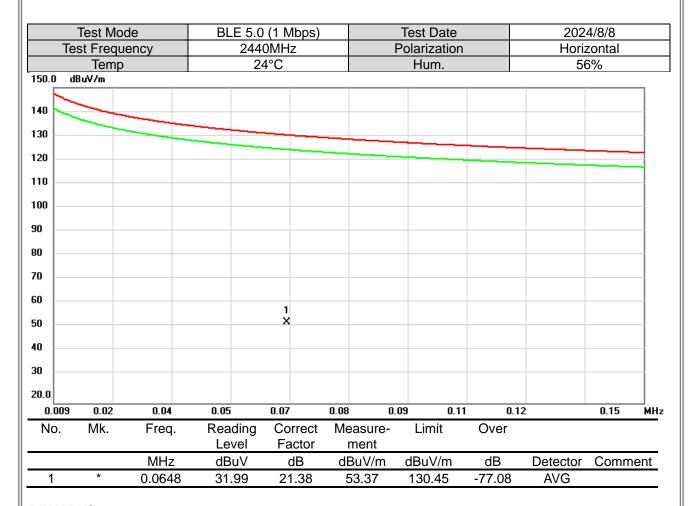
- (1) Measurement Value = Reading Level + Correct Factor.(2) Margin Level = Measurement Value Limit Value.





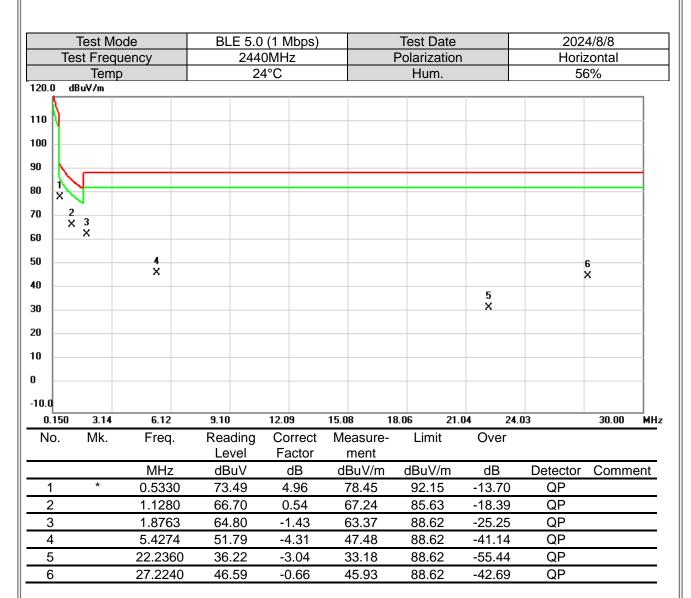
- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.





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





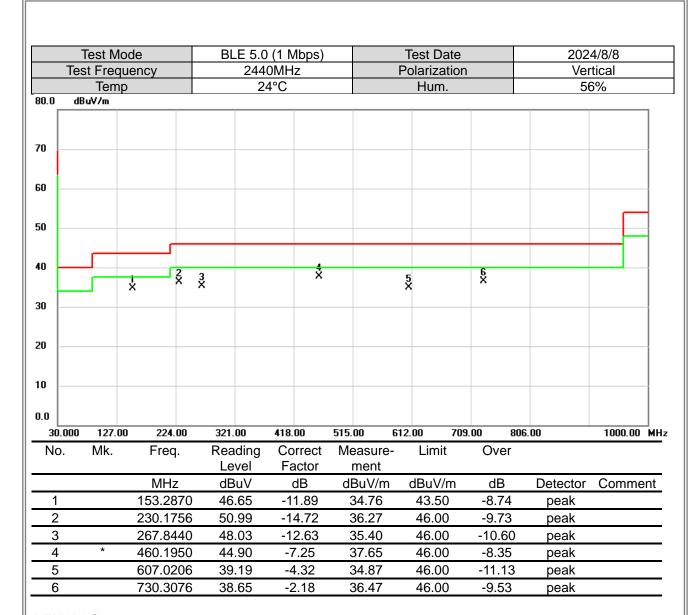
- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.



APPENDIX C RADIATED EMISSIONS - 30 MHZ TO 1 GHZ

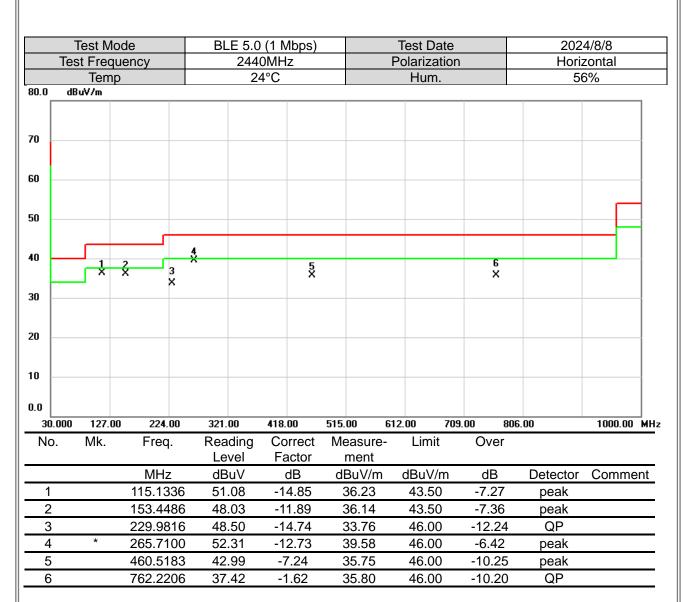
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- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.





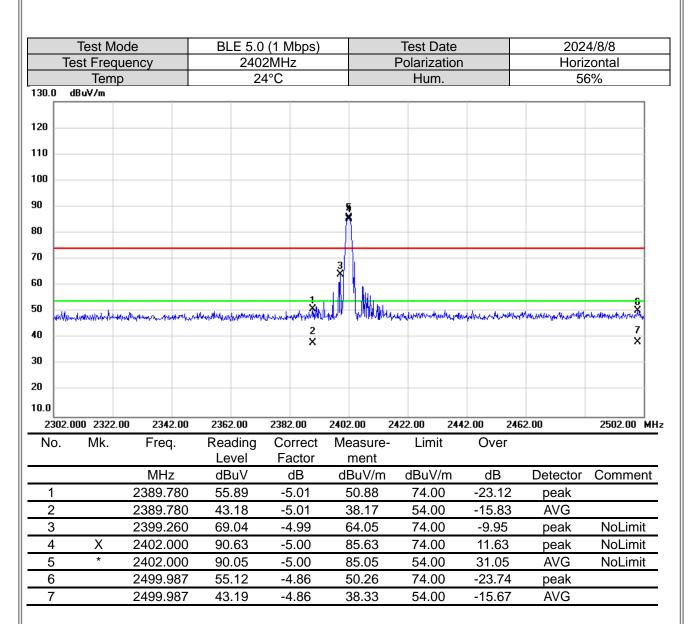
- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.



APPENDIX D RADIATED EMISSIONS - ABOVE 1 GHZ

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



	Test Mo			0 (1 Mbps) 80MHz		Test Date Polarization			4/8/8 zontal	
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- (1) Measurement Value = Reading Level + Correct Factor.
 (2) Margin Level = Measurement Value Limit Value.



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0.0 2302		Freq		Reading Level	Correct Factor	Measure- ment	Limit	Over		2502.00 M
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0.0 2302 No.		Freq MHz 2388.6 2388.6	20 20 20	Reading Level dBuV 55.06 43.52	Correct Factor dB -5.01	Measure- ment dBuV/m 50.05 38.51	Limit dBuV/m 74.00 54.00	Over dB -23.95 -15.49	Detector peak AVG	2502.00 M
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- (1) Measurement Value = Reading Level + Correct Factor.
 (2) Margin Level = Measurement Value Limit Value.



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60 50 40 30 20				2460.00	× e			nt yarligh searchean de	2580.00 MI			
60 50 40 30 20 10.0	2 X 80.000 2400			2460.00	× e							
60 50 40 30 20 10.0	2 X 80.000 2400	0.00 2420.00 Freq.	2440.00 Reading Level	2460.00 Correct Factor	2480.00 29 Measure- ment	500.00 25: Limit	20.00 254 Over	0.00	2580.00 MI			
60 50 40 30 20 10.0	2 X 80.000 2400	0.00 2420.00 Freq.	2440.00 Reading Level dBuV	2460.00 g Correct Factor dB	2480.00 29 Measurement dBuV/m	500.00 252 Limit dBuV/m	20.00 254 Over dB	0.00 Detector				
60 50 40 30 20 10.0 23 No	2 X 880.000 2400 D. Mk.	0.00 2420.00 Freq. MHz 2385.100	2440.00 Reading Level dBuV 54.87	2460.00 Correct Factor dB -5.01	2480.00 29 Measure- ment dBuV/m 49.86	500.00 25; Limit dBuV/m 74.00	20.00 254 Over dB -24.14	Detector peak	2580.00 MI			
60 50 40 30 20 10.0 23 No	2 X 880.000 2400 D. Mk.	0.00 2420.00 Freq. MHz 2385.100 2385.100	2440.00 Reading Level dBuV 54.87 43.11	2460.00 Correct Factor dB -5.01	2480.00 29 Measure- ment dBuV/m 49.86 38.10	500.00 252 Limit dBuV/m 74.00 54.00	20.00 254 Over dB -24.14 -15.90	Detector peak AVG	2580.00 MI			
50 40 30 20 10.0 23 No	2 X 880.000 2400 D. Mk.	0.00 2420.00 Freq. MHz 2385.100 2385.100 2480.000	2440.00 Reading Level dBuV 54.87 43.11 88.89	2460.00 Correct Factor dB -5.01 -5.01 -4.89	2480.00 29 Measurement dBuV/m 49.86 38.10 84.00	500.00 257 Limit dBuV/m 74.00 54.00 74.00	20.00 254 Over dB -24.14 -15.90 10.00	Detector peak AVG peak	2580.00 MI Comment NoLimit			
60 50 40 30 20 10.0 23 No	2 X 880.000 2400 D. Mk.	0.00 2420.00 Freq. MHz 2385.100 2385.100 2480.000 2480.000	2440.00 Reading Level dBuV 54.87 43.11 88.89 86.89	2460.00 Correct Factor dB -5.01 -5.01 -4.89 -4.89	2480.00 25 Measure- ment dBuV/m 49.86 38.10 84.00 82.00	500.00 257 Limit dBuV/m 74.00 54.00 74.00 54.00	20.00 254 Over dB -24.14 -15.90 10.00 28.00	Detector peak AVG peak AVG	2580.00 MI			
50 40 30 20 10.0 23 No	2 X 880.000 2400 D. Mk.	0.00 2420.00 Freq. MHz 2385.100 2385.100 2480.000	2440.00 Reading Level dBuV 54.87 43.11 88.89 86.89 63.18	2460.00 Correct Factor dB -5.01 -5.01 -4.89	2480.00 29 Measurement dBuV/m 49.86 38.10 84.00	500.00 257 Limit dBuV/m 74.00 54.00 74.00	20.00 254 Over dB -24.14 -15.90 10.00	Detector peak AVG peak	2580.00 MI Comment NoLimit			

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



•	Test Mod	le) (500 kbps)	Test Dat	te	2024	/10/11
Tes	st Freque	ency		02MHz		Polarizati	ion		zontal
	Temp			21°C		Hum.		57	7%
130.0 dE	BuV/m								
120									
110									
100									
90									
30					Ň				
70									
60					N N				
50	Jat n.	north Miles	hundernamente		- 			an thairman	, , , , , , , , , , , , , , , , , , ,
40	derivate but out the market	AND PROPERTY OF THE PROPERTY O	2 X	a an sufficient designation of the after	Marrie Abrilla Cont	is_Amba_rivingstoneda.jud	Art Arman Sandahahaha Art (1911).	A CONTRACTOR OF THE CONTRACTOR	2
30			^						
20									
10.0									
	00 2322.00			2382.00				62.00	2502.00 MI
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	- Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	n dB	Detector	Comment
1		2351.493	55.57	-5.06	50.51	74.00	-23.49	peak	
2		2351.493	42.92	-5.06	37.86	54.00	-16.14	AVG	
3		2400.000	62.12	-4.99	57.13	74.00	-16.87	peak	NoLimit
4	Χ	2402.000	89.02	-5.00	84.02	74.00	10.02	peak	NoLimit
5	*	2402.000	88.37	-5.00	83.37	54.00	29.37	AVG	NoLimit
6		2501.987	55.41	-4.86	50.55	74.00	-23.45	peak	
7		2501.987	42.90	-4.86	38.04	54.00	-15.96	AVG	

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



_	Test Mo			(500 kbps)		Test Date			/10/11
J	Test Frequ			0MHz		Polarization)		zontal
100.0	Temp		2	1°C		Hum.		57	7%
130.0	dBuV/m								
120									
110									
100 -									
90 —									
80 —									
70 🗔									
1					(1)				
60 <u> </u>					5				
. J.	ooperatus	MITHER WAS A STATE OF THE STATE	w.sh.rw.hongshus.rdr	and dispress of the production of the		Adagonellatedaring	paranananananananananan	pomper topo entropy and approximate opening	Militeracy
50	angelegische der gebesche der eine	nettpakkery sind det kery and hijk	Maritan Marian July Marian of the	wastapa Afrika manaka		Adagen VII. Makaning	parament april a	nd general state of the state o	philiphores separate species
60 50 40 2 X	ovipale artisphologistism	well from the first of the state of the stat	man management	washinge off of orders of	with Johnson	Nation port for the street way	gg ar god o som the growth of the	popular state en en popular se en en en en en en en en en en en en en	of the forest of the second section
50 X 40 2 X 30 —	no policie transcentino tran	well from the first of the state of the stat	man man panarah	washinge off of the capabil	with Johnson	Nadiograph North Security	gg ar ye da ar ar ar ar ar ar ar ar ar ar ar ar ar	pople of the control	AN YAMAA AAAAA AA YAA AA
50 2 40 2 30 20					enth University				
50 XMA 40 2 X 30 20 10.0 2380.	0.000 2400.0	0 2420.00	2440.00	2460.00	6 X 2480.00 25	500.00 252	20.00 254	0.00	2580.00 MH
50 2 40 2 30 20					enth University				
50 XMA 40 2 X 30 20 10.0 2380.	0.000 2400.0	0 2420.00	2440.00 Reading	2460.00 Correct	2480.00 25 Measure-	500.00 252	20.00 254		
50 XMA 40 2 X 30 20 10.0 2380.	0.000 2400.0	0 2420.00 Freq.	2440.00 Reading Level	2460.00 Correct Factor	2480.00 25 Measure- ment	500.00 252 Limit	20.00 254 Over	0.00	2580.00 MI
60	0.000 2400.0	0 2420.00 Freq.	2440.00 Reading Level dBuV	2460.00 Correct Factor dB	2480.00 25 Measurement dBuV/m	500.00 252 Limit dBuV/m	20.00 254 Over dB	0.00 Detector	2580.00 MI
50 2 80 2 10.0 2380. No.	0.000 2400.0	0 2420.00 Freq. MHz 2380.653	2440.00 Reading Level dBuV 55.21	2460.00 Correct Factor dB -5.02	2480.00 25 Measure- ment dBuV/m 50.19	500.00 252 Limit dBuV/m 74.00	20.00 254 Over dB -23.81	Detector peak	2580.00 MI
10 2 x 80 2380. No.	0.000 2400.0 Mk.	0 2420.00 Freq. MHz 2380.653 2380.653	2440.00 Reading Level dBuV 55.21 42.86	2460.00 Correct Factor dB -5.02 -5.02	2480.00 25 Measure- ment dBuV/m 50.19 37.84	500.00 252 Limit dBuV/m 74.00 54.00	20.00 254 Over dB -23.81 -16.16	Detector peak AVG	2580.00 MH
10.0 2380. No.	0.000 2400.0 Mk.	0 2420.00 Freq. MHz 2380.653 2380.653 2480.000	2440.00 Reading Level dBuV 55.21 42.86 83.05	2460.00 Correct Factor dB -5.02 -5.02 -4.89	2480.00 25 Measure- ment dBuV/m 50.19 37.84 78.16	500.00 252 Limit dBuV/m 74.00 54.00 74.00	20.00 254 Over dB -23.81 -16.16 4.16	Detector peak AVG peak	2580.00 MH Comment NoLimit

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

Report No.: BTL-FCCP-1-2407T132

Test N	/lode		BLE 5.0 (12	5 kbps)	Test Da	ıte	2	2024/10/11	
Test F	requency		2402MHz		Polariza	ation	ŀ	Horizontal	
Temp			21°C		Hum.		Ę	57%	
130.0	dBuV/m								
120									
110									
100									
90					5				
80					M				
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20									
10.0									
2302	2.000 2322.0	0 2342.00	2362.00	2382.00	2402.00 2	422.00 24	42.00 24	162.00	2502.00 MH
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2388.273	55.48	-5.01	50.47	74.00	-23.53	peak	
2		2388.273		-5.01	37.84	54.00	-16.16	AVG	
3		2400.000		-4.99	55.00	74.00	-19.00	peak	NoLimit
4	X	2402.000		-5.00	84.23	74.00	10.23	peak	NoLimit
5	*	2402.000		-5.00	83.51	54.00	29.51	AVG	NoLimit
6		2487.080		-4.88	49.57	74.00	-24.43	peak	
7		2487.080	42.95	-4.88	38.07	54.00	-15.93	AVG	

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



-	Test Mo Test Frequ			(125 kbps) 0MHz		Test Date Polarization	_		/10/11 zontal
	Temp			1°C		Hum.	l		7%
130.0	dBuV/m)		1 0		Hulli.		31	/ /0
120 📙									
110									
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70									
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		new partial provide deflected	andlorarynda wodydpwya	-idly-sidling-ship-d-ad-dda	Harry Hall	politicas manders and provide the second	hamaliyan hayan	garanahangan/han	manifold and a state of the sta
	yundhadhaddh 2 X	ningantalyondh dilaptaha	and bready about any figure	-sale-siale-gentaphenhadau	6 ×	politica marine and provide and	polision de la politica del la politica del la politica del la politica de la politica de la politica de la politica de la politica de la politica de la politica de la politica del la politica dela politica del la politica del la politica del la politica del la	gerysruksingruhum	naning para dapa dapat
40	2	ninajparkalynnitti dellar kad	androneryndd arddylynyr	-sidh-sidhedishpideadhda	Harranan 6	photographic and a second	had standed by the American	mperiori sul conservablemen	artest ting to the consistency
40 30	2	ningpantalynnyth differende	and the and and all the second all the second	-split siglings by graph blad	Harranan 6	philippin and ph	get des the fighter to get here?	material control of the second second	ranjirija provinska kalendarija
40 30 20	2	niewsky wie de ferende skyky e kad	anthropide anthograp	-selvineling or Aprelia de	Harranan 6	p ^a lle anne anne de la constitución de la constitu	pot destruite de processor de la constantina del constantina del constantina de la constantina de la constantina de la constantina del constantina del constantina del constantina del constantina del constantina del constantina del constantina del constantina del constantina del constantina del constantina del constantina del constantina del constantina del constantina del constantina del	ngarayan kalangan Madara	esteriologica en este este en este en este en este en este en este en este en este en este en este en este en
40	2 X				6 X				
40 30 20 10.0 2380	2 X D.000 2400.0	00 2420.00	2440.00	2460.00	2480.00 25	500.00 252	20.00 254	garryndodyrdlaen 10.00	2580.00 MH
40	2 X		2440.00 Reading	2460.00 Correct	2480.00 29 Measure-				
40 30 20 10.0 2380	2 X D.000 2400.0	00 2420.00 Freq.	2440.00 Reading Level	2460.00 Correct Factor	2480.00 29 Measure- ment	500.00 252 Limit	20.00 254 Over	0.00	2580.00 MH
20 20 2380 No.	2 X D.000 2400.0	00 2420.00 Freq.	2440.00 Reading Level dBuV	2460.00 Correct Factor dB	2480.00 29 Measurement dBuV/m	500.00 252 Limit dBuV/m	20.00 254 Over dB	0.00 Detector	
2380 No.	2 X D.000 2400.0	00 2420.00 Freq. MHz 2389.713	2440.00 Reading Level dBuV 54.72	2460.00 Correct Factor dB -5.01	2480.00 29 Measurement dBuV/m 49.71	500.00 252 Limit dBuV/m 74.00	20.00 254 Over dB -24.29	Detector peak	2580.00 MH
20 0.0 2380 No.	2 X 0.000 2400.0 Mk.	00 2420.00 Freq. MHz 2389.713 2389.713	2440.00 Reading Level dBuV 54.72 42.84	2460.00 Correct Factor dB -5.01 -5.01	2480.00 29 Measurement dBuV/m 49.71 37.83	500.00 252 Limit dBuV/m 74.00 54.00	20.00 254 Over dB -24.29 -16.17	Detector peak AVG	2580.00 MH
80 20 0.0 2380 No.	2 X D.000 2400.0	00 2420.00 Freq. MHz 2389.713 2389.713 2480.000	2440.00 Reading Level dBuV 54.72 42.84 83.08	2460.00 Correct Factor dB -5.01 -5.01 -4.89	2480.00 29 Measure- ment dBuV/m 49.71 37.83 78.19	500.00 252 Limit dBuV/m 74.00 54.00 74.00	20.00 254 Over dB -24.29 -16.17 4.19	Detector peak AVG peak	2580.00 MF
20 10.0 2380 No.	2 X 0.000 2400.0 Mk.	00 2420.00 Freq. MHz 2389.713 2389.713	2440.00 Reading Level dBuV 54.72 42.84	2460.00 Correct Factor dB -5.01 -5.01	2480.00 29 Measurement dBuV/m 49.71 37.83	500.00 252 Limit dBuV/m 74.00 54.00	20.00 254 Over dB -24.29 -16.17	Detector peak AVG	2580.00 MH

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



		Test Mode est Frequency Temp				.0 (1 Mbps))		Test Da				4/8/8
			ency			02MHz 24°C			Polariza				tical 6%
130.0	dBuV/m	np				24°C			Hum	•		50	0%
Γ													
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110													
100													
90													
80													
70													
60													
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40				X									
30													
20													
10.0													
	0.000 270				6100.00	7800.00	9500.0		1200.00	12900.0		600.00	18000.00 MH:
No.	Mk.		Freq		Reading Level	Correct Factor		asure- ent	Limit	i C	Over		
			MHz		dBuV	dB	dBı	uV/m	dBuV/	m	dB	Detector	Comment
1			4804.0	00	47.09	0.88	47	7.97	74.00) -2	6.03	peak	
2	*		4804.0	00	41.70	0.88	42	2.58	54.00) -1	1.42	AVG	

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



	Test Mo		Е		(1 Mbps)			Test Da			24/8/8
T	est Freq				2MHz			Polariza			zontal
100.0	Tem	p		24	4°C			Hum		5	6%
130.0	dBuV/m										
120											
10											
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90 <u> </u>											
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50			1 X X								
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0.0											
	.000 2700.			00.00	7800.00	9500.00		1200.00	12900.00	14600.00	18000.00 MH
No.	Mk.	Freq.		ading evel	Correct Factor	Meas me	-	Limit	t Ove	er 	
		MHz	d	BuV	dB	dBu'	V/m	dBuV/	m dB	Detector	Comment
1		4804.00	0 4	7.13	0.88	48.	01	74.00) -25.9	99 peak	
2	*	4804.00	0 4	0.38	0.88	41.	26	54.00) -12.7	74 AVG	

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



	Test Mo	de	В	LE 5.0	(1 Mbps)			Test D			024/8/8
To	est Frequ				0MHz			Polariza		'	√ertical
	Temp			24	4°C			Hum	۱.		56%
130.0	dBuV/m										
120											
110 —											
100											
90											
BO											
70											
60											
50			1 Ž X								
ю			x								
30											
20											
10.0											
	000 2700.0			0.00	7800.00	9500		11200.00	12900.00	14600.00	18000.00 MH
No.	Mk.	Freq.		ading evel	Correct Factor		asure- nent	Limi	it Ov	er	
		MHz	dE	3uV	dB	dE	BuV/m	dBuV	/m dl	B Detect	or Comment
1		4880.000) 47	'.57	1.03	4	8.60	74.0	0 -25	.40 peak	
2	*	4880.000) 41	.90	1.03	4	2.93	54.0	0 -11	.07 AVG	

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



	Test Mode Test Frequency				(1 Mbps)		Test Date			4/8/8
Te					0MHz		Polarization	า		zontal
120.0	Temp dBuV/m)		24	4°C		Hum.		56	6%
130.0	dBu√/m									
120										
10										
100										
90										
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80										
20										
10.0										
	000 2700.0			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		4880.00	00	47.11	1.03	48.14	74.00	-25.86	peak	
2	*	4880.00	00	41.84	1.03	42.87	54.00	-11.13	AVG	_

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



	Test I	Mod	le		BL			/lbps)				Test Da					4/8/8	
•	Test Fre		ency				0MH	Z			Р	olariza					tical	
		mp				24	4°C					Hum				56	5%	
130.0	dBuV/m																	_
120																		-
110																		-
100																		_
00																		
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io																		-
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10.0																		
	0.000 270				6100		780		9500			200.00		00.00	1460	0.00	18000.	00 MH
No.	Mk		Freq	•	Rea Le			rrect actor		easure ment	9-	Limit		Ove	r			
			MHz		dB	uV		dB	dl	3uV/n	1	dBuV/	m	dB		Detector	Comm	<u>ien</u> t
1			4960.0	00	45.	60	1	.21	4	16.81		74.00)	-27.1	9	peak		
2	*		4960.0	00	40.	16	1	.21		11.37		54.00)	-12.6	3	AVG		

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



	Test M					Mbps)				est Da				4/8/8
	Test Freq			24	480MI				P	olarizat				zontal
130.0	Tem dBuV/m	ρ			24°C					Hum.			50	6%
130.0	GDQ 47III													
120														
110														
100														
90														
BO														
70 —														
60 _														
50			1.											
			1 2 X											
40														
30														
20														
10.0														
	0.000 2700.	00 4400	0.00	6100.00	78	00.00	9500	0.00	1120	00.00	12900	0.00 146	300.00	18000.00 MI
No.	Mk.	Freq		Readin Level	_	orrect		easure-	•	Limit		Over		
		MHz	,	dBuV		actor dB		ment BuV/m		dBuV/r	n	dB	Detector	Comment
1		4960.0		47.39		1.21		48.60	'	74.00		-25.40	peak	Commont
2	*	4960.0		41.33		1.21		12.54		54.00		-11.46	AVG	

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



_	Test N				BL		(2 M 2MHz					Test D					4/8/8	
	<u>Test Fre</u> Ter		ency				<u>∠ıvı⊓∠</u> 4°C				- 1	Polariza Hun					tical 3%	
130.0	dBuV/m	пр					+ 0					Hull	l			50	J /0	
																		7
120																		-
110																		4
100																		-
90																		-
80																		4
70																		-
60																		4
50				1 X														-
40				2 X														-
30																		-
20																		-
10.0																		
	.000 270				6100		7800.		9500			200.00		00.00		00.00	18000.0	0 MHz
No.	Mk.		Freq		Rea Le			rect ctor		easui ment		Lim	it	Ove	er			
			MHz		dB	uV	d	В	dl	3uV/ı	m	dBuV	/m	dE	3	Detector	Comme	ent
1			4804.0	00	47.	44	0.	88		18.32	2	74.0	0	-25.	68	peak		
2	*		4804.0	00	38.	52	0.	88	3	39.40)	54.0	0	-14.	60	AVG		

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



	Test Mo		BL	E 5.0 (2					est Da				4/8/8	
T	est Freq	•		2402M				Po	olarizat				zontal	
120.0	Tem dBuV/m	p		24°C	;				Hum.			56	6%	
130.0	qRnA/w													٦
120														
10														-
100														-
30 <u> </u>														-
30														-
'o														1
io														-
50			1 X											1
10			2 X											-
80														-
20														-
0.0														
	.000 2700.				00.00	9500				12900.00		500.00	18000.00	МН
No.	Mk.	Freq.	Read Lev		Correct Factor	_	asure nent	-	Limit	O	ver			
		MHz	dBı	۷u	dB	dE	BuV/m	(dBuV/r	n c	ΙB	Detector	Comme	nt
1		4804.00	0 47.	98	0.88	4	8.86		74.00	-25	5.14	peak		
2	*	4804.00	0 37.	25	0.88	3	8.13		54.00	-15	5.87	AVG		

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



		st Mo			BL		(2 N 0MH	/lbps)				<u>Test Da</u> olariza					4/8/8	
		Temp	iency				∪ivi⊓ 4°C				Р	olariza Hum					tical 5%	
130.0	dBuV						4 C					пиш				30	J 70	
Г																		
120																		-
110																		-
100																		
90																		
BO _																		_
70																		-
so <u> </u>																		-
50				×														-
10 <u> </u>				2 X														-
30																		-
20																		-
10.0																		
		2700.0			6100		7800		9500			00.00		00.00		00.00	18000.0	O MH
No.	N	Лk.	Freq		Rea Le	ding vel		rrect actor		easure ment	9-	Limit		Ove	er			
			MHz	_	dB	uV	(dB	dl	3uV/n	า	dBuV/	m	dB	•	Detector	Commo	ent
1			4880.0	00	48	.42	1	.03	4	19.45		74.00)	-24.5	55	peak		
2		*	4880.0	00	39	.42	1	.03	4	10.45		54.00)	-13.5	55	AVG		

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



	Test Mo			BLI			lbps)				Test Da					4/8/8	
Te	est Frequ					0MH:	Z			Р	olariza					ontal	
130.0	Temp				24	4°C					Hum				56	5%	
130.0	ub u¥/III																7
120																	
110																	
100																	1
90																	-
BO																	
70																	-
50 <u> </u>																	
BU																	
50			1 X 2														1
40 —			2 X														-
30																	
20																	
10.0	000 2700.0	0 4400.	nn	6100.	nn	7800	nn	9500	1 00	111	200.00	1290	00.00	1460	00.00	18000.00	_ MH
No.	Mk.	Freq.		Reac			rrect		easure		Limit		Ove			10000.00	, 1-11
				Lev			ctor		ment								
		MHz		dΒι	ιV	(dΒ	dl	3uV/m	1	dBuV/	m	dB		Detector	Comme	ent
1		4880.00		46.2	21		.03	4	17.24		74.00		-26.7		peak		
2	*	4880.00	00	38.9	94	1	.03	3	39.97		54.00)	-14.0)3	AVG		

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



	Test Mod	de		BLE 5.0	(2 Mbps)		-	Test Date	е	202	4/8/8
Te	est Frequ	ency			0MHz		Р	olarizatio	on		tical
	Temp			2	4°C			Hum.		50	6%
130.0	dBuV/m										
120											
110 -											
100											
90											
30											
70 <u> </u>											
SO											
50			1 X								
10			2 X								
30											
20											
10.0											
1000.	000 2700.00	0 4400.0	0 6	100.00	7800.00	9500.00	112		2900.00 1	4600.00	18000.00 MH
No.	Mk.	Freq.		eading Level	Correct Factor	Measure ment	e-	Limit	Over		
		MHz	(dBuV	dB	dBuV/n	n	dBuV/m	dB	Detector	Comment
1		4960.000) 4	17.64	1.21	48.85		74.00	-25.15	peak	
2	*	4960.000) (38.02	1.21	39.23		54.00	-14.77	AVG	

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



	Test M	ode		BLE 5.0) (2 Mbps)			Test Da	te	202	4/8/8
T	est Freq				0MHz			Polarizat	ion		zontal
	Tem	р		2	4°C			Hum.		50	6%
130.0	dBuV/m										
120											
110											
100											
90											
80											
70											
60											
50			1 X								
40			2 X								
30											
20											
10.0											
	.000 2700.		00	6100.00	7800.00	9500.00				4600.00	18000.00 MHz
No.	Mk.	Freq.		Reading Level	Correct Factor	Meas me		Limit	Over		
		MHz		dBuV	dB	dBu	V/m	dBuV/n	n dB	Detector	Comment
1		4960.00		47.00	1.21	48.		74.00			
2	*	4960.00	00	38.16	1.21	39.	37	54.00	-14.63	8 AVG	

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



	Test M			BL) (1 M					Test D					4/8/8	
	Test Fred					0MHz	<u> </u>				olariza					tical	
130.0	Tem dBuV/m	ıp				4°C					Hun	1.			50	5%	
Γ	abarriii																7
120																	
110																	-
100																	-
90																	4
80																	\perp
70																	-
60																	-
50			1 X														1
40			2 X														-
30																	+
20																	4
10.0																	
	00.0001885		19700.00		50.00	21400			50.00		100.00		50.00		00.00	26500.0	0 MHz
No.	Mk.	F	req.		ding vel		rect ctor		easur ment		Lim	it	Ove	er			
		N	ЛНz	dB	ωV	d	В	dl	3uV/r	n	dBuV	/m	dB	}	Detector	Comme	ent
1		195	20.00	53	.33	-5.	61	4	17.72		74.0	0	-26.2	28	peak		
2	*	195	20.00	42	.13	-5.	61	3	36.52		54.0	0	-17.	48	AVG		

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



		t Mode			BL) (1 M					Test Da					4/8/8	
		reque	ncy				0MHz				P	olariza					zontal	
		emp				2	4°C					Hum				50	6%	
130.0	dBuV/	m																_
120																		
110																		4
100																		_
30 <u> </u>																		4
BO																		-
'o																		7
so																		\perp
50			1 X															
10			2 X															+
30																		+
20																		-
0.0																		
		8850.00		00.00		50.00	21400			0.00		00.00		50.00	2480	0.00	26500.0)0 MF
No.	M	lk.	Fred	-		ding vel	Cor Fac	rect ctor		easure ment	∋-	Limit	İ	Ove	er			
			MHz	<u> </u>		uV	d	В	dl	3uV/n	1	dBuV/	m	dB		Detector	Comm	ent
1			19520	.00	53	.74	- 5.	61		8.13		74.00)	-25.8	37	peak		
2		*	19520	.00	41	.90	-5.	61	3	36.29		54.00)	-17.7	71	AVG		

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



		st Mo				0 (500 kl	ps)			Test Da				1/10/11
	Test F					02MHz			ŀ	Polariza				rtical
130.0	dBuV	Temp				21°C				Hum	•		1 5	7%
130.0	abuv	/M												
120														
110														
100														
90														
30 _														
70 F														
io														
io				1 X 2										
10 <u> </u>				X										
30 <u> </u>														
20														
10.0														
	0.000				6100.00	7800.0		00.00		200.00	1290		14600.00	18000.00 MH
No.	Λ	Λk.	Freq.		Readino Level	g Corre Fact		/leasu ment		Limit	t	Ove	r	
			MHz		dBuV	dB		dBuV/	m	dBuV/	m	dB	Detector	Comment
1			4804.0	00	47.86	0.8	3	48.74	1	74.00)	-25.2	6 peak	
2		*	4804.0	00	41.10	0.8	3	41.98	3	54.00)	-12.0	2 AVG	

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



	Test Mo			(500 kbps)		Test Date			/10/11
	Test Frequency			2MHz		Polarization	1		zontal
130.0	Temp dBuV/m		2	1°C		Hum.		5	7%
130.0	ana/w								
120									
110									
100									
90									
80									
70									
60									
50		ž							
40		×							
30									
20									
10.0									
	0.000 2700.		6100.00	7800.00				00.00	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		4804.000	49.40	0.88	50.28	74.00	-23.72	peak	
2	*	4804.000	43.52	0.88	44.40	54.00	-9.60	AVG	

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



	Test Mo			(500 kbps))	Test Date			/10/11
l	<u> Frequ</u>			0MHz		Polarization	1		tical
100.0	Temp)	2	1°C		Hum.		57	7%
130.0	dBuV/m								
120									
110									
100									
90									
80									
70									
60									
50				1 X 2					
40				×					
30									
20									
10.0									
1000	.000 2700.0	00 4400.00	6100.00	7800.00	9500.00	11200.00 12	900.00 146	00.00	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		7320.000	45.91	6.78	52.69	74.00	-21.31	peak	
2	*	7320.000	37.21	6.78	43.99	54.00	-10.01	AVG	

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



Te	Test Mo) (500 kbps 40MHz		Test Date Polarization			/10/11 zontal
10	Temp			21°C		Hum.	1		7%
130.0 d	BuV/m		•			i idiii.			70
120									
110									
100									
90									
30									
'o 🗀									
50				1					
io <u> </u>				2 2					
10				×					
30									
20									
10.0 1000.0	000 2700.0	0 4400.00	0 6100.00	7800.00	9500.00 1	1200.00 129	900.00 146	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		7320.000	45.61	6.78	52.39	74.00	-21.61	peak	
2	*	7320.000	36.92	6.78	43.70	54.00	-10.30	AVG	

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



Test Mode Test Frequency					BLE			kbps)			Test D					/10/11	
			ency				0MH	Z			<u> </u>	Polariza					tical	
130.0	dBuV/	emp				2	1°C			Hum.						57%		
130.0	ubuv/	···																
120																		
110 📙																		
100																		
90																		
80																		
70																		
60 <u> </u>							1											
50							1 × 2											
10							×											
30																		
20																		
10.0																		
	0.000 2				6100		7800		9500			200.00		00.00		00.00	18000.00 MH	
No.	M	lk.	Freq	•	Rea Le			rrect actor		easur ment		Limi	t	Ove	er			
			MHz		dB	uV	(dB	dl	3uV/ı	m	dBuV	m_	dB		Detector	Comment	
1			7440.0	00	46.	74	6	.77	į	53.51		74.0	0	-20.4	19	peak		
2	,	*	7440.0	00	37.	03	6	.77	- 4	13.80)	54.0	00	-10.2	20	AVG		

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



Test Mode Test Frequency					BLI			kbps)			Test Da					/10/11	
<u> </u>			icy				<u>0M⊦</u> 1°C	IZ				olariza					zontal	
130.0	Tem	p					1-0					Hum	•			51	7%	
																		\neg
120																		_
110 🗀																		
100																		
90																		
30																		
70 -																		
60 <u> </u>																		-
50							1 X 2											
40 L							×											
30																		
20																		
10.0	.000 2700.	00	4400	.00	6100	1.00	780	0.00	9500	0.00	112	200.00	129	00.00	1460	0.00	18000.	 00 MH
No.	Mk.		Freq			ding		rrect		easur		Limit		Ove				
						vel		actor		ment								
			MHz			uV		dB		BuV/ı		dBuV/		dB		Detector	Comm	ent
1			' 440.0			.08		5.77		52.85		74.00		-21.1		peak		
2	*	7	' 440.0	00	37	.60	6	5.77	4	44.37	•	54.00)	-9.6	3	AVG		

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



-	Test N				BLE		(125 k 2MHz)			Test D					/10/11 rtical	
	<u>Test Fre</u> Ter		ncy				<u>∠іvі⊓∠</u> 1°C					-olariza Hum					110ai 7%	
130.0	dBuV/m	пр					1 0					Hull	l.			5	/ /0	
																		7
120																		-
110																		-
100																		-
90																		-
80																		-
70																		-
60																		-
50				1 X														-
40				2 X														-
30																		-
20																		-
10.0																		
	0.000 270		4400		6100		7800.		9500			200.00		00.00		00.00	18000.00) MHz
No.	Mk.		Freq		Rea Le		Cor Fac			easur ment		Lim	it	Ove	er			
			MHz		dB	uV	d	В	dl	3uV/ı	m	dBuV	/m	dE	3	Detector	Comme	ent
1			4804.0	00	48.	02	0.0	38		18.90)	74.0	0	-25.	10	peak		
2	*		4804.0	00	38.	26	0.8	38	3	39.14		54.0	0	-14.	86	AVG		

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



	Test M		BL		(125 kbps	3)			est Da				/10/11
	Test Fred				2MHz			Po	olarizat	ion			zontal
	Tem	np		2	1°C				Hum.			57	7%
130.0	dBuV/m												
120													
110													
100													
90													
30													
70 E													
so <u> </u>													
50 -			<u>1</u> Ž										
10			×										
30													
20													
0.0													
	0.000 2700			0.00	7800.00	9500	.00	1120		12900.00		00.00	18000.00 M
No.	Mk.	Freq.		ading evel	Correct Factor		easure ment	-	Limit	Ov	er		
		MHz	dE	₿uV	dB	dl	3uV/m	(dBuV/n	n dl	3	Detector	Comment
1	_	4804.00		.02	0.88	5	50.90		74.00	-23.	10	peak	
2	*	4804.00	0 44	.05	0.88		14.93		54.00	-9.0)7	AVG	

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



T	Test M				BLE		(125 0MH	kbps)		-	Test D Polariza					/10/11 rtical	
16	est Fred Tem		псу				1°C	<u>Z</u>				Hum					110ai 7%	
130.0	dBuV/m	ıρ					1 0					Hun	1.				70	
																		7
120																		+
110																		
100																		
100																		
90																		-
80																		-
70																		-
60							1 X											1
50							2											-
40							X											
30																		
20																		1
10.0														<u> </u>				
1000.0 No.	000 2700 Mk.	J. UU	4400		6100		7800		9500	asuı		200.00 Limi		00.00 Ove		00.00	18000.00	J MHz
INU.	IVIK.		Freq	•	Le	ding vel		rrect		ment		LIIIII	ι	OVE	51			
			MHz			uV		dB		3uV/ı		dBuV	/m	dE	3	Detector	Comme	ent
1			7320.0		46.			.78		53.43		74.0		-20.		peak		
2	*		7320.0	00	37.	.02	6	.78	4	43.8C)	54.0	0	-10.	20	AVG		

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



_	Test Mo			(125 kbps)		Test Date			/10/11	
	<u>Γest Frequ</u>			0MHz		Polarization	1	Horizontal		
100.0	Temp)	2	1°C		Hum.		57	7%	
130.0	dBuV/m									
120										
110										
100										
90										
80										
70										
60				_						
50				1 × 2						
40				×						
30										
20										
10.0										
1000	.000 2700.0	00 4400.00	6100.00	7800.00	9500.00			00.00	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		7320.000	45.98	6.78	52.76	74.00	-21.24	peak		
2	*	7320.000	36.59	6.78	43.37	54.00	-10.63	AVG		

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



	Test Mo			BLE			kbps)			Test D					/10/11	
I	est Freq				248		Z			ŀ	<u>Polariza</u>					tical	
130.0	Temp dBuV/m)			2	1°C					Hum	۱.			5	7%	
130.0	abuv/m																\neg
120																	
110 -																	4
100																	
90																	
BO																	
70																	-
60 <u> </u>						1											
50						1 × 2											
40						×											-
30																	-
20																	-
10.0																	
	.000 2700.		00.00	6100		780		9500	0.00	11	200.00		00.00	1460	0.00	18000.0	0 MH
No.	Mk.	Fre	q.	Rea Le			rrect actor		easur ment	_	Limi	t	Ove	r			
		MH	z	dB	uV		dB	dl	3uV/r	m	dBuV	/m	dB		Detector	Comm	ent
1		7440.	000	46.	84	6	5.77	į	53.61		74.0	0	-20.3	39	peak		
2	*	7440.	000	37.	77	6	5.77	- 4	14.54		54.0	0	-9.4	6	AVG		

REMARKS:

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



	Test Mo			(125 kbps)		Test Date			/10/11		
Test Frequency				0MHz		Polarization			Horizontal		
	Temp		2	1°C		Hum.		57	7%		
130.0	dBuV/m										
120											
110											
100											
90											
80											
70											
60				1							
50				2							
40				X							
30											
20											
10.0											
1000.	.000 2700.0	0 4400.00	6100.00	7800.00	9500.00			00.00	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		7440.000	47.47	6.77	54.24	74.00	-19.76	peak			
2	*	7440.000	37.61	6.77	44.38	54.00	-9.62	AVG			

REMARKS:

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



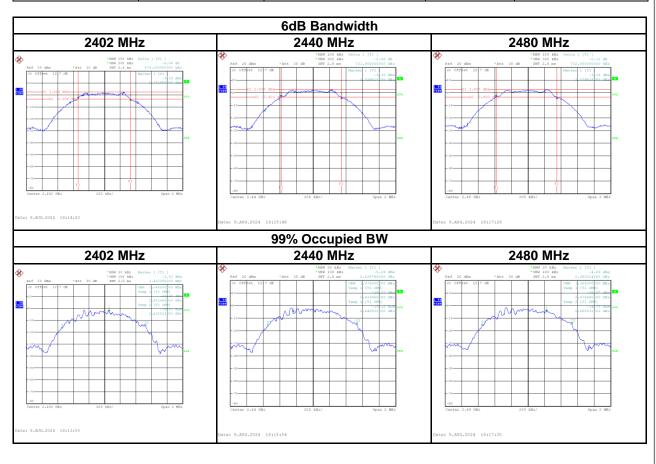
APPENDIX E	BANDWIDTH

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Test Mode: BLE 5.0 (1Mbps)

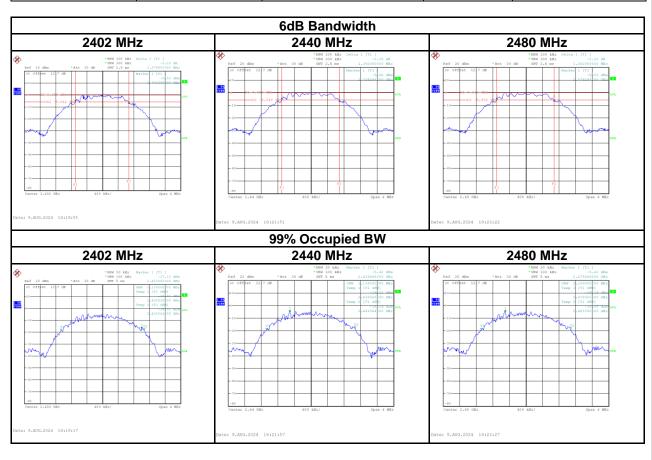
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2402	0.67	1.07	500	Pass
2440	0.73	1.08	500	Pass
2480	0.73	1.08	500	Pass





Test Mode: BLE 5.0 (2Mbps)

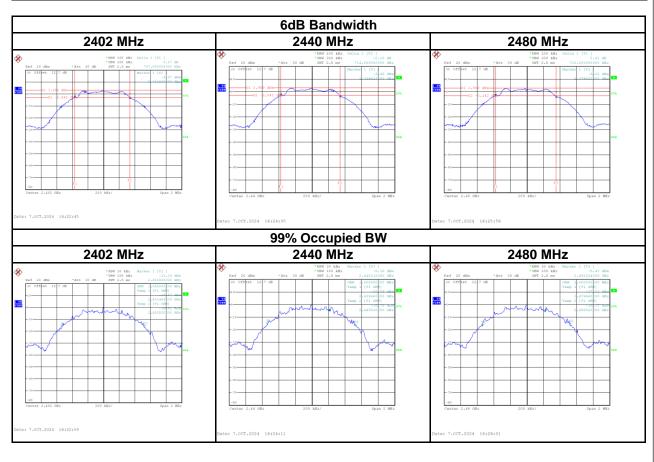
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2402	1.38	2.13	500	Pass
2440	1.39	2.14	500	Pass
2480	1.38	2.16	500	Pass





Test Mode: BLE 5.0 (500 kbps)

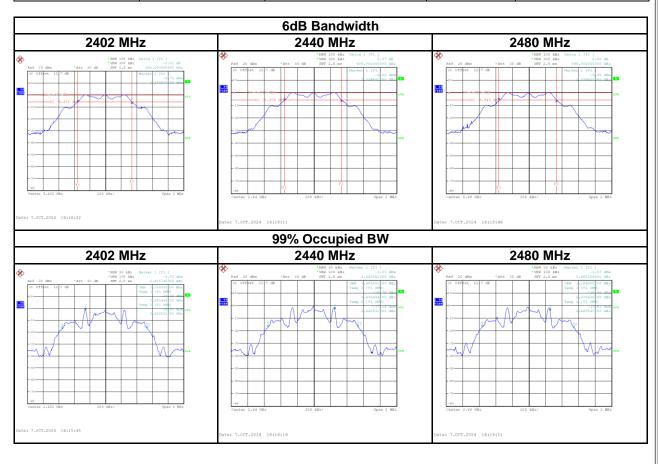
Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2402	0.71	1.06	500	Pass
2440	0.71	1.06	500	Pass
2480	0.73	1.06	500	Pass

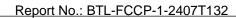




Test Mode: BLE 5.0 (125 kbps)

Frequency (MHz)	6dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2402	0.69	1.09	500	Pass
2440	0.69	1.09	500	Pass
2480	0.70	1.10	500	Pass







APPENDIX F OUTPUT POWER

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Report No.: BTL-FCCP-1-2407T132

Test Mode :	BLE 5.0 (1Mbps)	Tested Date	2024/8/9

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Test Result
2402	3.48	0.0022	30.00	1.0000	Pass
2440	3.31	0.0021	30.00	1.0000	Pass
2480	3.27	0.0021	30.00	1.0000	Pass

Test Mode :	BLE 5.0 (2Mbps)	Tested Date	2024/8/9

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Test Result
2402	3.48	0.0022	30.00	1.0000	Pass
2440	3.27	0.0021	30.00	1.0000	Pass
2480	3.28	0.0021	30.00	1.0000	Pass

Test Mod	e : E	BLE 5.0 (500 kbps)	Tested Date	2024/10/7
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Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Test Result
2402	3.66	0.0023	30.00	1.0000	Pass
2440	3.51	0.0022	30.00	1.0000	Pass
2480	3.48	0.0022	30.00	1.0000	Pass

T	est Mode :	BLE 5.0 (125 kbps)	Tested Date	2024/10/7
		• •		

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Test Result
2402	3.67	0.0023	30.00	1.0000	Pass
2440	3.54	0.0023	30.00	1.0000	Pass
2480	3.45	0.0022	30.00	1.0000	Pass

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APPENDIX G POWER SPECTRAL DENSITY TEST

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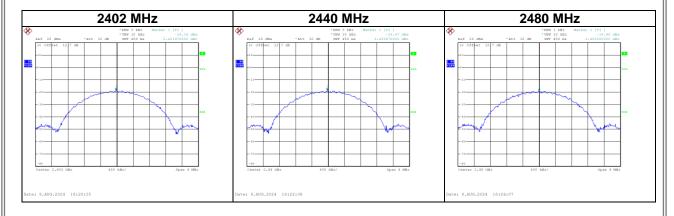
Test Mode : BLE 5.0 (1Mbps)

Frequency (MHz)	Power Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Test Result
2402	-13.42	8	Pass
2440	-13.37	8	Pass
2480	-13.65	8	Pass



Test Mode: BLE 5.0 (2Mbps)

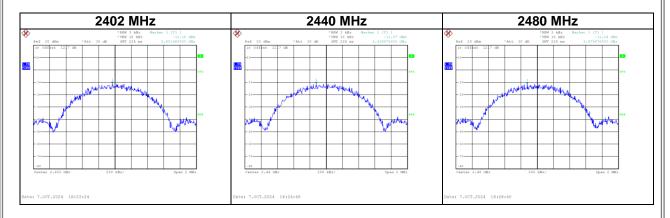
Frequency (MHz)	Power Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Test Result
2402	-18.34	8	Pass
2440	-18.47	8	Pass
2480	-18.96	8	Pass





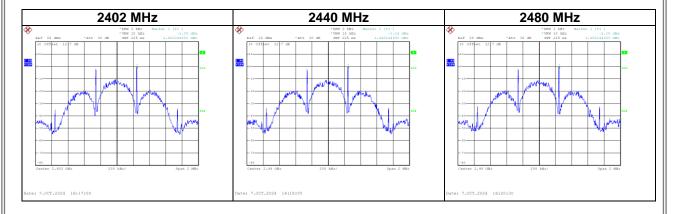
Test Mode: BLE 5.0 (500 kbps)

Frequency (MHz)	Power Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Test Result
2402	-11.15	8	Pass
2440	-11.07	8	Pass
2480	-11.24	8	Pass



Test Mode: BLE 5.0 (125 kbps)

Frequency (MHz)	Power Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Test Result
2402	-2.09	8	Pass
2440	-2.14	8	Pass
2480	-2.15	8	Pass





APPENDIX H	ANTENNA CONDUCTED SPURIOUS EMISSION

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