



# **TEST REPORT**

Applicant Name: VTech Telecommunications Ltd

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Hong Kong

Report Number: SZ1240312-12360E-RF-00A

FCC ID: EW780-9874-00

**Test Standard (s)** FCC PART 15.247

**Sample Description** 

Product Type: DECT 6.0 cordless phone

Model No.: CL84215

Multiple Model(s) No.: CL84115, CL84315, CL84415, CL84465, CL84515, CL84XY5

Trade Mark: AT&T

Date Received: 2024/03/12 Issue Date: 2024/05/17

Test Result: Pass▲

▲ In the configuration tested, the EUT complied with the standards above.

Prepared and Checked By: Approved By:

Jajo. aus Nany Wang

Jojo Guo Nancy Wang RF Engineer RF Supervisor

Note: The information marked \*i s provided by the applicant, the laboratory is not responsible for its authenticity and this information can affect the validity of the result in the test report. Customer model name, addresses, names, trademarks etc. are included.

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## **DOCUMENT REVISION HISTORY**

Revision Number	rision Number Report Number Description of Revision		Date of Revision
0	SZ1240312-12360E-RF-00A	Original Report	2024/05/17

Report No.: SZ1240312-12360E-RF-00A

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#### **GENERAL INFORMATION**

#### **Product Description for Equipment under Test (EUT)**

Product	DECT 6.0 cordless phone	
Tested Model	CL84215	
Multiple Model(s)	CL84115, CL84315, CL84415, CL84465, CL84515, CL84XY5	
Frequency Range	Bluetooth: 2402~2480MHz	
Transmit Peak Power	5.54dBm	
Modulation Technique	Bluetooth: GFSK, π/4-DQPSK, 8DPSK	
Antenna Specification <sup>#</sup>	0dBi (provided by the applicant)	
Voltage Range	DC 5.9V/6V from adapter	
Sample serial number	2ILV-8 for Conducted and Radiated Emissions Test 2ILV-1 for RF Conducted Test (Assigned by BACL, Shenzhen)	
Sample/EUT Status	Good condition	
Adapter Information	Adapter 1 Model: A318-059060W-US1 Input: AC 100-240V~50-60Hz, 0.15A Output: DC 5.9V, 0.6A Adapter 2 Model: VT05EUS06060 Input: AC 100-240V~50/60Hz, 0.15A Output: DC 6.0V, 0.6A, 3.6W	

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Note: The Multiple models are electrically identical with the test model except for color, model name, package type, no. of handset and charger. Please refer to the declaration letter# for more detail, which was provided by manufacturer.

## **Objective**

This test report is in accordance with Part 2-Subpart J, Part 15-Subparts A and C of the Federal Communication Commission rules.

The tests were performed in order to determine compliance with FCC Part 15, Subpart C, section 15.203, 15.207, 15.205, 15.209 and 15.247 rules.

#### **Test Methodology**

All measurements contained in this report were conducted with ANSI C63.10-2013, American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices.

All emissions measurement was performed at Bay Area Compliance Laboratories Corp. (Shenzhen). The radiated testing was performed at an antenna-to-EUT distance of 3 meters.

Each test item follows test standards and with no deviation.

#### **Measurement Uncertainty**

Parameter		•	Uncertainty
Occupied	Occupied Channel Bandwidth		±5%
RF outpu	t power, c	onducted	0.72 dB(k=2, 95% level of confidence)
AC Power Lines Cond	ucted	9kHz-150kHz	3.94dB(k=2, 95% level of confidence)
Emissions		150kHz-30MHz	3.84dB(k=2, 95% level of confidence)
		9kHz - 30MHz	3.30dB(k=2, 95% level of confidence)
	30MH	z~200MHz (Horizontal)	4.48dB(k=2, 95% level of confidence)
	30MHz~200MHz (Vertical) 200MHz~1000MHz (Horizontal)		4.55dB(k=2, 95% level of confidence)
Radiated Emissions			200MHz~1000MHz (Horizontal)
Radiated Ellissions	200MHz~1000MHz (Vertical)		5.05dB(k=2, 95% level of confidence)
		1GHz - 6GHz	5.35dB(k=2, 95% level of confidence)
		6GHz - 18GHz	5.44dB(k=2, 95% level of confidence)
	18GHz - 40GHz		5.16dB(k=2, 95% level of confidence)
Temperature		re	±1°C
	Humidity		±1%
Supply voltages		ges	±0.4%

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Note: The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval. Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty.

## **Test Facility**

The Test site used by Bay Area Compliance Laboratories Corp. (Shenzhen) to collect test data is located on the 5F(B-West), 6F, 7F, the 3rd Phase of Wan Li Industrial Building D, Shihua Rd, FuTian Free Trade Zone, Shenzhen, China.

The lab has been recognized as the FCC accredited lab under the KDB 974614 D01 and is listed in the FCC Public Access Link (PAL) database, FCC Registration No.: 715558, the FCC Designation No.: CN5045.

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## SYSTEM TEST CONFIGURATION

## **Description of Test Configuration**

The system was configured for testing in an engineering mode.

Channel	Frequency (MHz)	Channel	Frequency (MHz)
0	2402	40	2442
1	2403	41	2443
2	2404	42	2444
•••			
36	2438	75	2477
37	2439	76	2478
38	2440	77	2479
39	2441	78	2480

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EUT was tested with Channel 0, 39 and 78.

#### **EUT Exercise Software**

"0128-realtek Bluetooth mp kit setup package<sup>#</sup>" exercise software was used and the power level is default<sup>#</sup>. The software and power leve was provided by the applicant.

## **Special Accessories**

No special accessory.

## **Equipment Modifications**

No modification was made to the EUT tested.

## **Support Equipment List and Details**

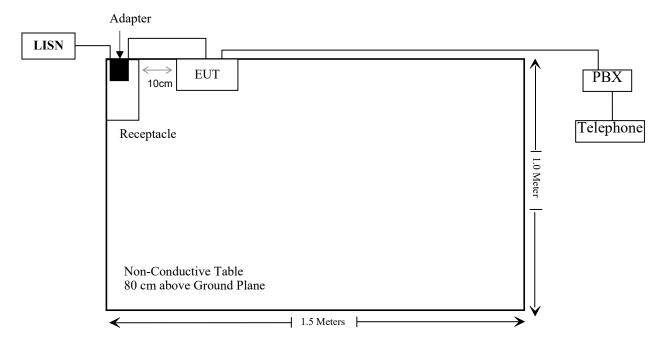
Manufacturer	Description	Model	Serial Number
YIKE	YIKE PBX TC-208		Unknown
Kinhao	Telephone	KT86AS	Unknown

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Cable Description	Length (m)	From Port	То
Un-shielded un-detachable AC cable	1.2	LISN/ AC mains	Receptacle
Un-shielding Detachable DC Cable	1.8	EUT	Adapter
Un-shielded detachable RJ11 cable	8.0	EUT	PBX
Un-shielded detachable RJ11 cable	1.0	Telephone	PBX

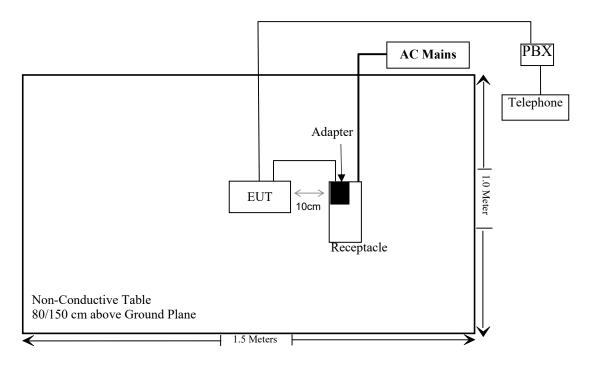
## **Block Diagram of Test Setup**

For Conducted Emission



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## For Radiated Emissions:



Rules	Description of Test	Result
§1.1307 (b) & §2.1091	MPE-Based Exemption	Compliant
FCC §15.203	Antenna Requirement	Compliant
FCC §15.207(a)	AC Line Conducted Emissions	Compliant
FCC §15.205, §15.209, §15.247(d)	Radiated Emissions	Compliant
FCC §15.247(a)(1)	20 dB Emission Bandwidth & 99% Occupied Bandwidth	Compliant
FCC §15.247(a)(1)	Channel Separation Test	Compliant
FCC §15.247(a)(1)(iii)	Time of Occupancy (Dwell Time)	Compliant
FCC §15.247(a)(1)(iii)	Quantity of hopping channel Test	Compliant
FCC §15.247(b)(1)	Peak Output Power Measurement	Compliant
FCC §15.247(d)	Band edges	Compliant

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Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date	
Conducted Emissions Test						
Rohde & Schwarz	EMI Test Receiver	ESCI	101120	2024/01/16	2025/01/15	
Rohde & Schwarz	LISN	ENV216	101613	2024/01/16	2025/01/15	
Rohde & Schwarz	Transient Limiter	ESH3Z2	DE25985	2023/08/03	2024/08/02	
Unknown	CE Cable	CE Cable	UF A210B-1- 0720-504504	2023/08/03	2024/08/02	
Audix	EMI Test software	E3	191218	NCR	NCR	
	Radiated	d Emission Test_	Below 1GHz			
R&S	EMI Test Receiver	ESR3	102455	2024/01/16	2025/01/15	
Sonoma instrument	Pre-amplifier	310 N	186238	2023/06/08	2024/06/07	
Sunol Sciences	Broadband Antenna	JB1	A040904-1	2023/07/20	2024/07/19	
BACL	Active Loop Antenna	1313-1A	4031911	2024/03/21	2025/03/20	
Unknown	Cable	Chamber Cable	F-03-EM236	2023/08/03	2024/08/02	
Unknown	Cable	Chamber Cable 4	EC-007	2023/08/03	2024/08/02	
Audix	EMI Test software	E3	19821b(V9)	NCR	NCR	
	Radiated	Emission Test_	Above 1GHz			
Rohde & Schwarz	Spectrum Analyzer	FSV40	101605	2023/04/18	2024/04/17	
COM-POWER	Pre-amplifier	PA-122	181919	2023/06/29	2024/06/28	
Schwarzbeck	Horn Anetenna	BBHA9120D( 1201)	1143	2023/07/26	2024/07/25	
Unknown	RF Cable	KMSE	0735	2023/10/08	2024/10/07	
Unknown	RF Cable	UFA147	219661	2023/10/08	2024/10/07	
SNSD	2.4G Band Reject filter	BSF2402- 2480MN-0898- 001	2.4G filter	2023/08/03	2024/08/02	
A.H.System	Pre-amplifier	PAM-1840VH	190	2023/08/03	2024/08/02	
Electro-Mechanics Co	Horn Antenna	3116	9510-2270	2023/09/18	2026/09/17	
Audix	EMI Test software	E3	191218(V9)	NCR	NCR	

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ay Area Compliance Laboratories Corp. (Shenzhen)			Report I	No.: SZ1240312-	12360E-RF-00 <i>E</i>
Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
		RF Conducted	Гest		
Tonscend	RF control Unit	JS0806-2	19D8060154	2023/09/06	2024/09/05
Rohde & Schwarz	Signal and Spectrum Analyzer	FSV40	101473	2024/01/16	2025/01/15
MARCONI	10dB Attenuator	6534/3	2942	2023/07/04	2024/07/03
Unknown	RF Cable	65475	01670515	2023/07/04	2024/07/03

<sup>\*</sup> Statement of Traceability: Bay Area Compliance Laboratories Corp. (Shenzhen) attests that all calibrations have been performed in accordance to requirements that traceable to National Primary Standards and International System of Units (SI).

## FCC §1.1307 (B) & §2.1091- MPE-BASED EXEMPTION

## **Applicable Standard**

According to subpart subpart 2.1091 systems operating under the provisions of this section shall be operated in a manner that ensures the public is not exposed to RF energy level in excess of the communication guidelines.

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According to KDB 447498 D04 Interim General RF Exposure Guidance

MPE-Based Exemption:

General frequency and separation-distance dependent MPE-based effective radiated power(ERP) thresholds are in Table B.1 [Table 1 of § 1.1307(b)(1)(i)(C)] to support an exemption from further evaluation from 300 kHz through 100 GHz.

Table 1 to § $1.1307(b)(3)(i)(C)$ - Single RF Sources Subject to Routine Environmental Evaluation		
RF Source frequency (MHz)	Threshold ERP (watts)	
0.3-1.34	1,920 R <sup>2</sup> .	
1.34-30	3,450 R <sup>2</sup> /f <sup>2</sup> .	
30-300	3.83 R <sup>2</sup> .	
300-1,500	0.0128 R <sup>2</sup> f.	
1,500-100,000	19.2R <sup>2</sup> .	

R is the minimum separation distance in meters f = f frequency in MHz

#### Result

Mode	Frequency (MHz)	Tune up conducted power#	Antenna Gain <sup>#</sup> ERP		RP	Evaluation Distance	MPE-Based Exemption Threshold	
	,	(dBm)	(dBi)	(dBd)	(dBm)	(mW)		(mW)
BT	2402-2480	6.0	0	-2.15	3.85	2.43	0.2	768
DECT	1921.536-1928.448	20.5	0	-2.15	18.35	68.39	0.2	768

Note 1: The tune-up power and antenna gain was declared by the applicant.

Note 2: 0dBd=2.15dBi.

Note 3: The DECT function cannot transmit at the same time with the Bluetooth function.

To maintain compliance with the FCC's RF exposure guidelines, place the equipment at least 20cm from nearby persons.

**Result: Compliant** 

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## FCC §15.203 - ANTENNA REQUIREMENT

#### **Applicable Standard**

According to FCC § 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this Section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

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#### **Antenna Connector Construction**

The EUT has one internal antenna arrangement, which was permanently attached, the antenna gain<sup>#</sup> is 0dBi, fulfill the requirement of this section. Please refer to the EUT photos.

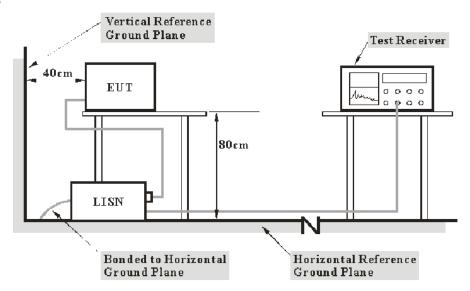
**Result: Compliant** 

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#### **Applicable Standard**

FCC §15.207(a)

#### **EUT Setup**



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Note: 1. Support units were connected to second LISN.

2. Both of LISNs (AMN) 80 cm from EUT and at the least 80 cm from other units and other metal planes support units.

The measurement procedure of EUT setup is according with ANSI C63.10-2013. The related limit was specified in FCC Part 15.207.

The spacing between the peripherals was 10 cm.

#### **EMI Test Receiver Setup**

The EMI test receiver was set to investigate the spectrum from 150 kHz to 30 MHz.

During the conducted emission test, the EMI test receiver was set with the following configurations:

Frequency Range	IF B/W
150 kHz – 30 MHz	9 kHz

#### **Test Procedure**

During the conducted emission test, the adapter was connected to the outlet of the LISN.

Maximizing procedure was performed on the six (6) highest emissions of the EUT.

All final data was recorded in the Quasi-peak and average detection mode.

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#### **Factor & Over Limit Calculation**

The factor is calculated by adding LISN VDF (Voltage Division Factor) and Cable Loss. The basic equation is as follows:

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```
Factor = LISN VDF + Cable Loss
```

The "Over limit" column of the following data tables indicates the degree of compliance with the applicable limit. For example, an Over limit of -7 dB means the emission is 7 dB below the limit. The equation for calculation is as follows:

```
Over Limit = Level – Limit
Level = Read Level + Factor
```

Note: The term "cable loss" refers to the combination of a cable and a 10dB transient limiter (attenuator).

#### **Test Data**

#### **Environmental Conditions**

Temperature:	27°C
Relative Humidity:	61 %
ATM Pressure:	101 kPa

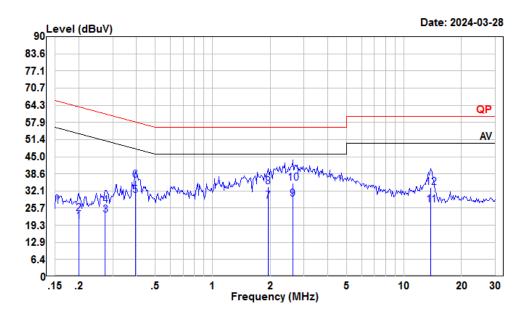
The testing was performed by Macy Shi on 2024-03-28.

EUT operation mode: Transmitting (Maximum output power mode, EDR (8DPSK) High Channel)

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## For adapter 1

## AC 120V/60 Hz, Line



Condition: Line

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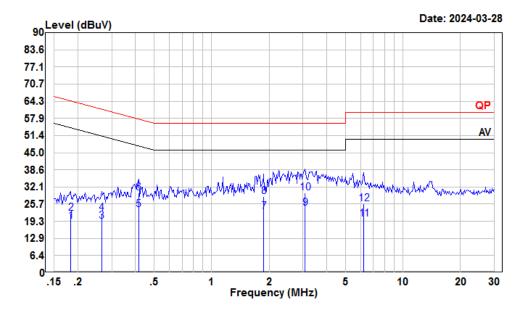
Tester : Macy shi

Note : BT

	Freq	Read Level	Level	LISN Factor	Cable Loss	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	——dB	
1	0.20	-0.12	20.77	10.80	10.09	53.62	-32.85	Average
2	0.20	2.71	23.60	10.80	10.09	63.62	-40.02	QP
3	0.27	2.22	23.09	10.70	10.17	50.98	-27.89	Average
4	0.27	5.83	26.70	10.70	10.17	60.98	-34.28	QP
5	0.39	9.55	30.34	10.58	10.21	47.99	-17.65	Average
6	0.39	15.33	36.12	10.58	10.21	57.99	-21.87	QP
7	1.95	7.43	28.20	10.59	10.18	46.00	-17.80	Average
8	1.95	12.94	33.71	10.59	10.18	56.00	-22.29	QP
9	2.62	8.46	29.16	10.48	10.22	46.00	-16.84	Average
10	2.62	14.45	35.15	10.48	10.22	56.00	-20.85	QP
11	13.84	6.10	26.84	10.60	10.14	50.00	-23.16	Average
12	13.84	12.61	33.35	10.60	10.14	60.00	-26.65	QP

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## AC 120V/60 Hz, Neutral



Condition: Neutral

Project : SZ1240312-12360E-RF

Tester : Macy shi

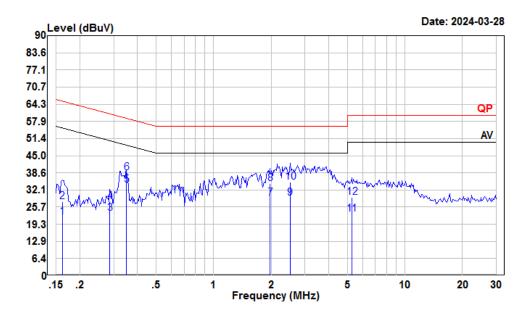
Note : BT

	Freq	Read Level	Level	LISN Factor	Cable Loss	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	——dB	dB	dBuV	——dB	
1	0.18	-1.23	19.35	10.46	10.12	54.33	-34.98	Average
2	0.18	1.80	22.38	10.46	10.12	64.33	-41.95	QP
3	0.27	-1.40	19.27	10.49	10.18	51.25	-31.98	Average
4	0.27	1.74	22.41	10.49	10.18	61.25	-38.84	QP
5	0.41	2.93	23.78	10.64	10.21	47.55	-23.77	Average
6	0.41	8.99	29.84	10.64	10.21	57.55	-27.71	QP
7	1.87	2.37	22.98	10.45	10.16	46.00	-23.02	Average
8	1.87	7.84	28.45	10.45	10.16	56.00	-27.55	QP
9	3.07	3.62	24.29	10.40	10.27	46.00	-21.71	Average
10	3.07	9.30	29.97	10.40	10.27	56.00	-26.03	QP
11	6.25	-0.79	20.07	10.64	10.22	50.00	-29.93	Average
12	6.25	4.89	25.75	10.64	10.22	60.00	-34.25	OP

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## For adapter 2

## AC 120V/60 Hz, Line



Condition: Line

Project : SZ1240312-12360E-RF

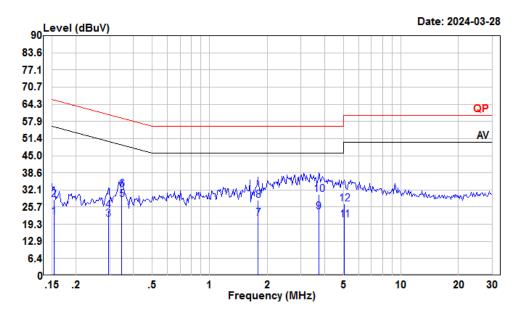
Tester : Macy shi

Note : BT

	Freq	Read Level	Level	LISN Factor	Cable Loss	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dB	dBu <b>V</b>	——dB	
1	0.16	0.95	21.97	10.87	10.15	55.38	-33.41	Average
2	0.16	6.70	27.72	10.87	10.15	65.38	-37.66	QP
3	0.29	2.52	23.34	10.68	10.14	50.63	-27.29	Average
4	0.29	7.01	27.83	10.68	10.14	60.63	-32.80	QP
5	0.35	13.23	34.01	10.62	10.16	48.96	-14.95	Average
6	0.35	17.82	38.60	10.62	10.16	58.96	-20.36	QP
7	1.97	8.46	29.24	10.60	10.18	46.00	-16.76	Average
8	1.97	13.78	34.56	10.60	10.18	56.00	-21.44	QP
9	2.51	8.48	29.19	10.50	10.21	46.00	-16.81	Average
10	2.51	14.40	35.11	10.50	10.21	56.00	-20.89	QP
11	5.28	2.60	23.22	10.40	10.22	50.00	-26.78	Average
12	5.28	8.69	29.31	10.40	10.22	60.00	-30.69	OP

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## AC 120V/60 Hz, Neutral



Condition: Neutral

Project : SZ1240312-12360E-RF

Tester : Macy shi

Note : BT

	Freq	Read Level	Level	LISN Factor	Cable Loss	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	——dB	
1	0.15	1.42	22.16	10.59	10.15	55.82	-33.66	Average
2	0.15	7.84	28.58	10.59	10.15	65.82	-37.24	QP
3	0.30	0.44	21.10	10.53	10.13	50.37	-29.27	Average
4	0.30	3.77	24.43	10.53	10.13	60.37	-35.94	QP
5	0.35	7.77	28.51	10.58	10.16	49.05	-20.54	Average
6	0.35	11.65	32.39	10.58	10.16	59.05	-26.66	QP
7	1.79	0.96	21.58	10.48	10.14	46.00	-24.42	Average
8	1.79	7.60	28.22	10.48	10.14	56.00	-27.78	QP
9	3.72	3.38	24.04	10.40	10.26	46.00	-21.96	Average
10	3.72	9.76	30.42	10.40	10.26	56.00	-25.58	QP
11	5.06	0.20	20.95	10.53	10.22	50.00	-29.05	Average
12	5.06	6.30	27.05	10.53	10.22	60.00	-32.95	OP

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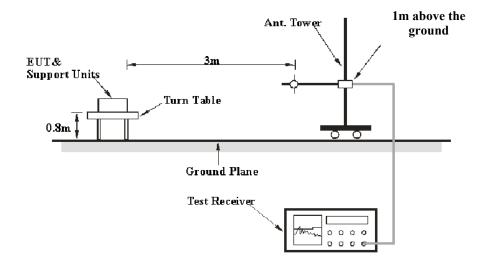
## FCC §15.205, §15.209 & §15.247(d) - RADIATED EMISSIONS

## **Applicable Standard**

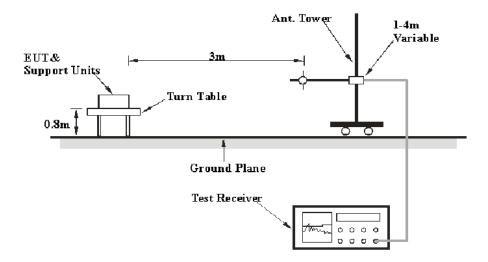
FCC §15.205; §15.209; §15.247(d)

## **EUT Setup**

## 9 kHz-30MHz:

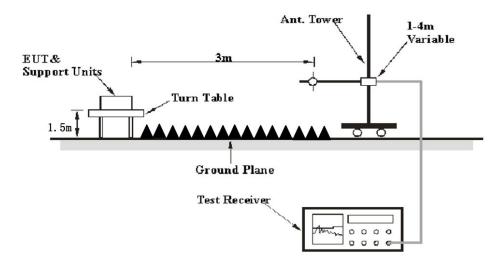


#### 30MHz-1GHz:



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## Above 1GHz:



Report No.: SZ1240312-12360E-RF-00A

The radiated emission tests were performed in the 3 meters, using the setup accordance with the ANSI C63.10-2013. The specification used was the FCC 15.209 and FCC 15.247 limits.

#### EMI Test Receiver & Spectrum Analyzer Setup

The EMI test receiver & Spectrum Analyzer Setup were set with the following configurations:

Frequency Range	RBW	Video B/W	IF B/W	Measurement			
01.11. 1501.11.	/	/	200 Hz	QP			
9 kHz – 150 kHz	300 Hz	1 kHz	/	PK			
150 kHz – 30 MHz	/	/	9 kHz	QP			
130 KHZ – 30 MHZ	10 kHz	30 kHz	/	PK			
30 MHz – 1000 MHz	/	/	120 kHz	QP			
30 MHZ – 1000 MHZ	100 kHz	100 kHz 300 kHz		PK			
	Harmonics & Band Edge						
	1MHz	3 MHz	/	PK			
Above 1 GHz	Average Emission Level=Peak Emission Level+20*log(Duty cycle)						
Above I GHZ		Other Em	issions				
	1MHz	3 MHz	/	PK			
	1MHz	10 Hz	/	Average			

For Duty cycle measurement:

Use the duty cycle factor correction factor method per 15.35(c). Duty cycle=On time/100milliseconds, On time=N1\*L1+N2\*L2+...Nn-1\*Ln-1+Nn\*Ln, Where N1 is number of type 1 pulses, L1 is length of type 1 pulse, etc.

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#### **Test Procedure**

Maximizing procedure was performed on the highest emissions to ensure that the EUT complied with all installation combinations.

All final data was recorded in Quasi-peak detection mode except for the frequency bands 9–90 kHz, 110–490 kHz and above 1000 MHz, average detection modes for frequency bands 9–90 kHz and 110–490 kHz, peak and average detection modes for frequencies above 1 GHz.

For 9 kHz-30MHz, the report shall list the six emissions with the smallest margin relative to the limit, for each of the three antenna orientations (parallel, perpendicular, and ground-parallel) unless the margin is greater than 20 dB.

If the maximized peak measured value complies with under the QP/Average limit more than 6dB, then it is unnecessary to perform an QP/Average measurement.

All emissions under the average limit and under the noise floor have not recorded in the report.

#### Factor & Over Limit/Margin Calculation

The Factor is calculated by adding the Antenna Factor and Cable Loss, and subtracting the Amplifier Gain. The basic equation is as follows:

Factor = Antenna Factor + Cable Loss - Amplifier Gain

The "Over Limit/Margin" column of the following data tables indicates the degree of compliance with the applicable limit. For example, an Over Limit/margin of -7dB means the emission is 7dB below the limit. The equation for calculation is as follows:

Over Limit/Margin = Level/Corrected Amplitude – Limit Level / Corrected Amplitude = Read Level + Factor

#### **Test Data**

#### **Environmental Conditions**

Temperature:	22~25.6 °C
Relative Humidity:	50~54 %
ATM Pressure:	101 kPa

The testing was performed by Anson Su from 2024-03-27 to 2024-04-22 for below 1GHz and Dylan Yang from 2024-04-13 to 2024-04-15 for above 1GHz.

Test mode: Transmitting

Report No.: SZ1240312-12360E-RF-00A

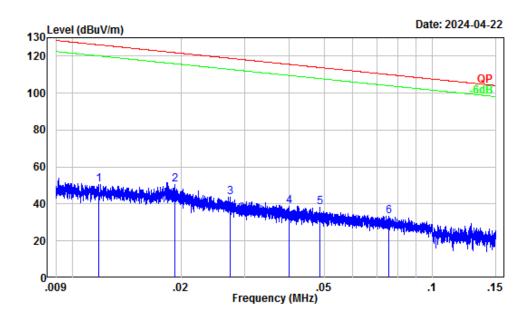
## 9 kHz-30MHz: (Maximum output power mode, EDR (8DPSK) High Channel)

Note: When the test result of peak was less than the limit of QP/Average more than 6dB, just peak value were recorded.

Report No.: SZ1240312-12360E-RF-00A

Parallel (worst case)

For Adapter 1



Site : Chamber A

Condition : 3m

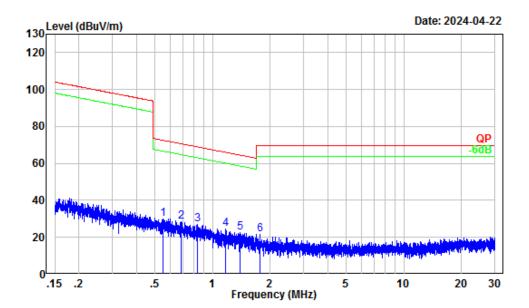
Project Number: SZ1240312-12360E-RF

Note : BT

Tester : Anson Su

	Freq	Factor			Limit Line		Remark	
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB		
1	0.01	36.76	13.95	50.71	126.16	-75.45	Peak	
2	0.02	32.98	17.63	50.61	121.93	-71.32	Peak	
3	0.03	28.83	14.86	43.69	118.86	-75.17	Peak	
4	0.04	25.30	13.30	38.60	115.59	-76.99	Peak	
5	0.05	23.38	14.87	38.25	113.87	-75.62	Peak	
6	0.08	19.64	13.95	33.59	110.05	-76.46	Peak	

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Site : Chamber A

Condition : 3m

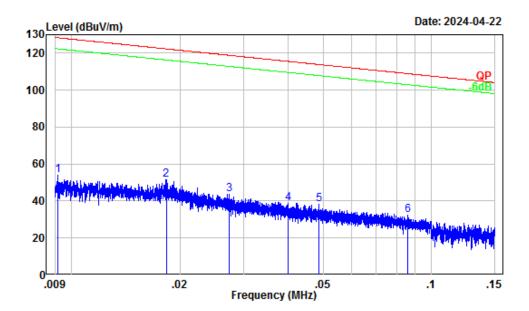
Project Number: SZ1240312-12360E-RF

Note : BT Tester : Anson Su

	Freq	Factor			Limit Line		Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	0.55	2.90	27.11	30.01	72.80	-42.79	Peak
2	0.68	1.28	27.18	28.46	70.84	-42.38	Peak
3		-0.34	27.38	27.04	69.11	-42.07	Peak
4	1.17	-2.17	26.61	24.44	66.10	-41.66	Peak
5	1.39	-2.94	25.72	22.78	64.56	-41.78	Peak
6	1.77	-4.28	25.74	21.46	69.54	-48.08	Peak

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## For Adapter 2



Site : Chamber A

Condition : 3m

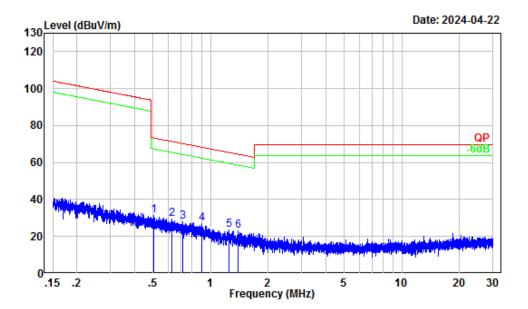
Project Number: SZ1240312-12360E-RF

Note : BT

Tester : Anson Su

						0ver	
	Freq	Factor	Level	Level	Line	Limit	Remark
-				<u> </u>			
	MHZ	dB/m	dBuV	dBuV/m	dBuV/m	dВ	
1	0.01	38.33	15.54	53.87	128.34	-74.47	Peak
2	0.02	33.44	18.14	51.58	122.34	-70.76	Peak
3	0.03	28.83	14.86	43.69	118.86	-75.17	Peak
4	0.04	25.30	13.30	38.60	115.59	-76.99	Peak
5	0.05	23.38	14.87	38.25	113.87	-75.62	Peak
6	0.09	18.43	13.97	32.40	108.91	-76.51	Peak

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Site : Chamber A

Condition : 3m

Project Number: SZ1240312-12360E-RF

Note : BT

Tester : Anson Su

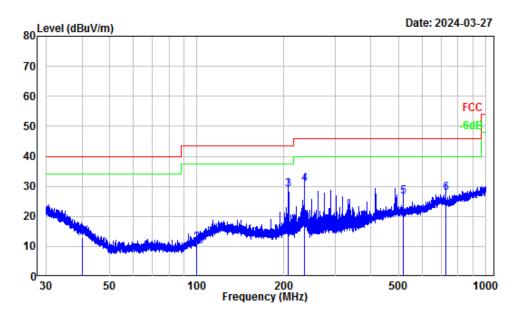
			Read		Limit	0ver	
	Freq	Factor	Level	Level	Line	Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	0.51	3.39	27.86	31.25	73.49	-42.24	Peak
2	0.63	1.94	27.60	29.54	71.59	-42.05	Peak
3	0.72	0.90	26.87	27.77	70.44	-42.67	Peak
4	0.90	-0.88	27.78	26.90	68.37	-41.47	Peak
5	1.25	-2.47	25.82	23.35	65.48	-42.13	Peak
6	1.39	-2.95	25.77	22.82	64.54	-41.72	Peak

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**30MHz-1GHz:** (Maximum output power mode, EDR (8DPSK) High Channel)

For Adapter 1

#### Horizontal



Site : Chamber A Condition : 3m Horizontal

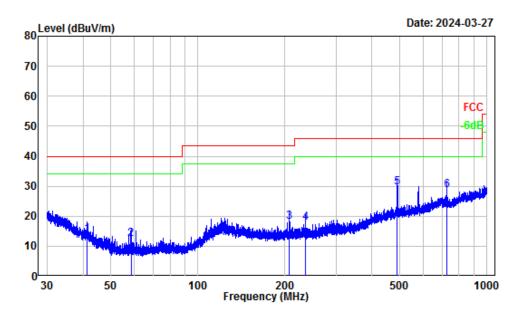
Project Number: SZ1240312-12360E-RF

Note : BT Tester : Anson Su

			Read		Limit	0ver	
	Freq	Factor	Level	Level	Line	Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	40.26	-10.55	23.68	13.13	40.00	-26.87	QP
2	99.88	-13.76	24.82	11.06	43.50	-32.44	QP
3	207.40	-11.15	40.27	29.12	43.50	-14.38	QP
4	234.99	-11.60	42.51	30.91	46.00	-15.09	QP
5	518.16	-4.88	31.43	26.55	46.00	-19.45	QP
6	725.85	-1.59	29.33	27.74	46.00	-18.26	QP

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## Vertical



Site : Chamber A Condition : 3m Vertical

Project Number: SZ1240312-12360E-RF

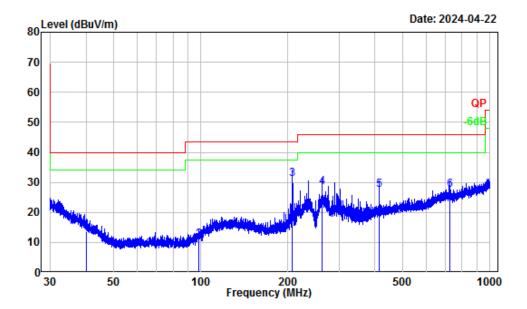
Note : BT Tester : Anson Su

	Freq	Factor			Limit Line		Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	41.42	-12.70	26.68	13.98	40.00	-26.02	QP
2	58.64	-17.57	30.04	12.47	40.00	-27.53	QP
3	207.40	-12.23	30.45	18.22	43.50	-25.28	QP
4	234.99	-12.24	30.04	17.80	46.00	-28.20	QP
5	489.67	-5.43	35.09	29.66	46.00	-16.34	QP
6	725.53	-2.04	30.75	28.71	46.00	-17.29	QP

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For Adapter 2

## Horizontal



Site : Chamber A Condition : 3m Horizontal

Project Number: SZ1240312-12360E-RF

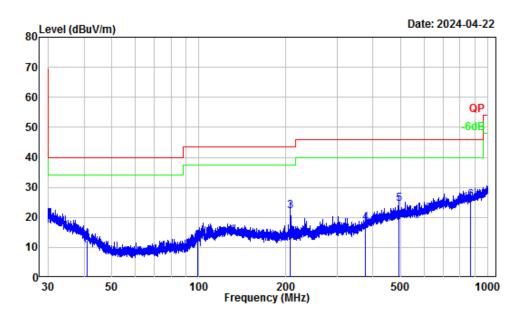
Note : BT

Tester : Anson Su

	<b>5</b>	F			Limit		D
	Freq	Factor	revel	Level	Line	Limit	Kemark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	40.01	-10.40	24.11	13.71	40.00	-26.29	QP
2	98.40	-14.18	25.11	10.93	43.50	-32.57	QP
3	207.40	-11.15	42.11	30.96	43.50	-12.54	QP
4	262.67	-11.37	39.73	28.36	46.00	-17.64	QP
5	414.72	-6.85	34.41	27.56	46.00	-18.44	QP
6	725.53	-1.59	29.03	27.44	46.00	-18.56	OP

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## Vertical



Site : Chamber A Condition : 3m Vertical

Project Number: SZ1240312-12360E-RF

Note : BT

Tester : Anson Su

	Freq	Factor			Limit Line		Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	40.97	-12.44	24.73	12.29	40.00	-27.71	QP
2	98.83	-15.48	27.47	11.99	43.50	-31.51	QP
3	207.40	-12.23	34.30	22.07	43.50	-21.43	QP
4	375.77	-8.82	27.05	18.23	46.00	-27.77	QP
5	490.74	-5.41	29.86	24.45	46.00	-21.55	QP
6	867.61	0.14	25.50	25.64	46.00	-20.36	QP

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		Receiver			Factor (dB/m)	Corrected		
Frequency (MHz)	Reading (dBµV)	PK/Ave	Polar (H/V)	Amplitude (dBμV/m)		Limit (dBµV/m)	Margin (dB)	
			8DPSK					
			Low Channel 2402N	ИHz				
2322.08	53.36	PK	Н	-3.18	50.18	74	-23.82	
2321.71	52.42	PK	V	-3.18	49.24	74	-24.76	
4804.00	45.66	PK	Н	1.69	47.35	74	-26.65	
4804.00	45.92	PK	V	1.69	47.61	74	-26.39	
			Middle Channel 2441	MHz				
4882.00	45.74	PK	Н	1.79	47.53	74	-26.47	
4882.00	46.37	PK	V	1.79	48.16	74	-25.84	
	High Channel 2480MHz							
2490.07	53.77	PK	Н	-3.18	50.59	74	-23.41	
2489.85	53.70	PK	V	-3.18	50.52	74	-23.48	
4960.00	46.26	PK	Н	2.68	48.94	74	-25.06	
4960.00	45.87	PK	V	2.68	48.55	74	-25.45	

Report No.: SZ1240312-12360E-RF-00A

Note: Corrected Amplitude= Reading+ Factor

Factor = Antenna Factor + Cable Loss - Amplifier Gain

Margin= Corrected Amplitude – Limit

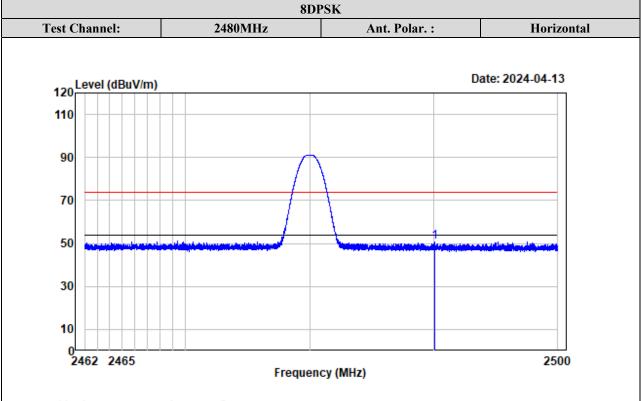
The test result of peak was less than the limit of average, so just peak values were recorded.

All emissions under the average limit and under the noise floor have not recorded in the report.

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#### Test plots for example as below:

## **Band Edge Measurements (Radiated):**



Condition : Horizontal

Project No.: SZ1240312-12360E

Tester : Dylan

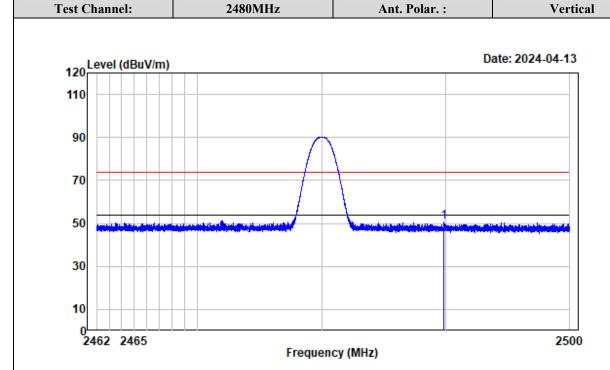
Note : BT\_3DH5\_2480

Read Limit Over
Freq Factor Level Level Line Limit Remark

MHz dB/m dBuV dBuV/m dBuV/m dB

1 2490.068 -3.18 53.77 50.59 74.00 -23.41 peak

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8DPSK

Condition : Vertical

Project No.: SZ1240312-12360E

Tester : Dylan

Note : BT\_3DH5\_2480

Read Limit Over
Freq Factor Level Level Line Limit Remark

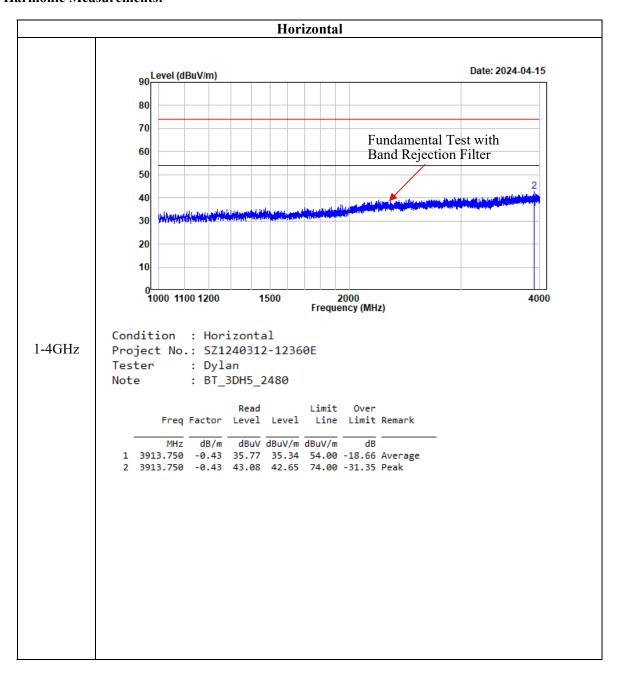
MHz dB/m dBuV/m dBuV/m dBuV/m dB

1 2489.854 -3.18 53.70 50.52 74.00 -23.48 peak

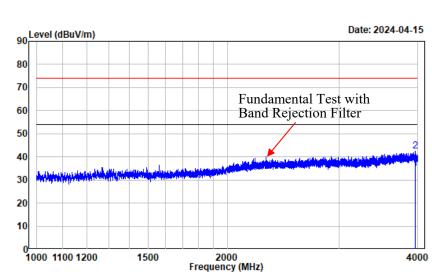
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#### Report No.: SZ1240312-12360E-RF-00A

#### **Harmonic Measurements:**



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Limit Over

Vertical

1-4GHz

Condition : Vertical

Project No.: SZ1240312-12360E

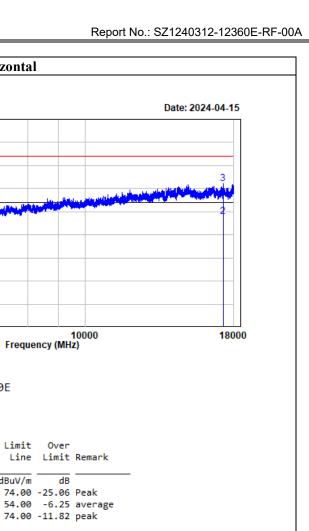
Tester : Dylan

Note : BT\_3DH5\_2480

Freq	Factor	Level	Level	Line	Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
3967.000	-0.18	35.29	35.11	54.00	-18.89	Average
3967.000	-0.18	42.51	42.33	74.00	-31.67	Peak

Read

90 Level (dBuV/m)



4-18GHz

Condition : Horizontal Project No.: SZ1240312-12360E

5000

Tester : Dylan

0 4000

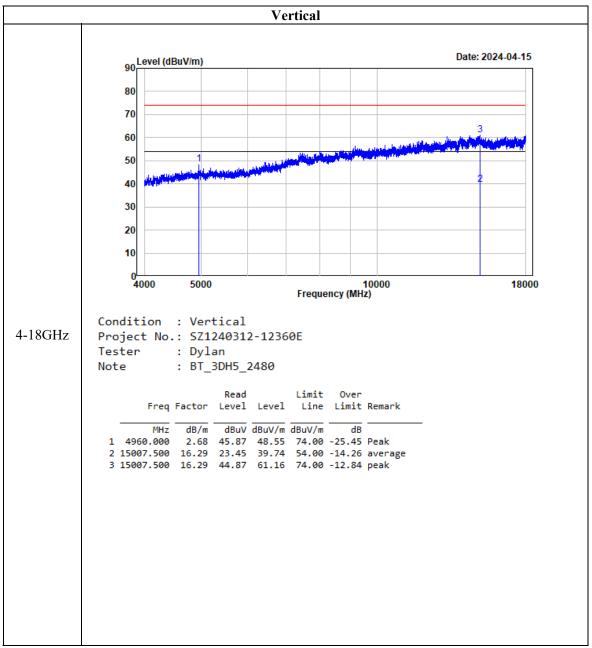
2

Note : BT\_3DH5\_2480

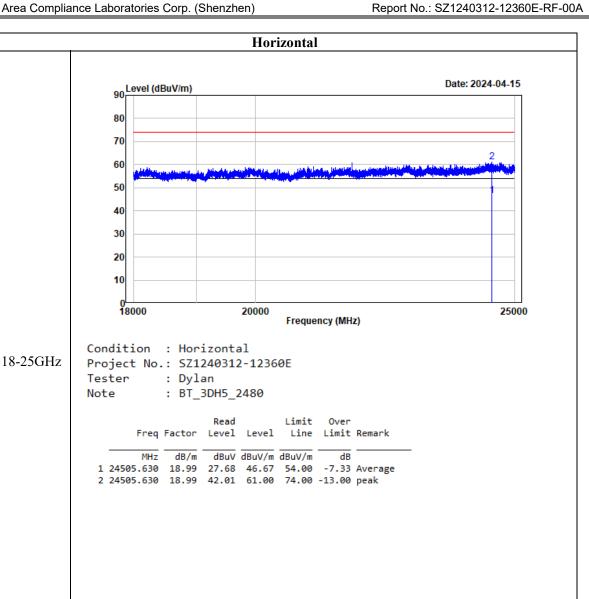
Freq	Factor			Limit Line		Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
4960.000	2.68	46.26	48.94	74.00	-25.06	Peak
17247.500	18.96	28.79	47.75	54.00	-6.25	average
17247.500	18.96	43.22	62.18	74.00	-11.82	peak

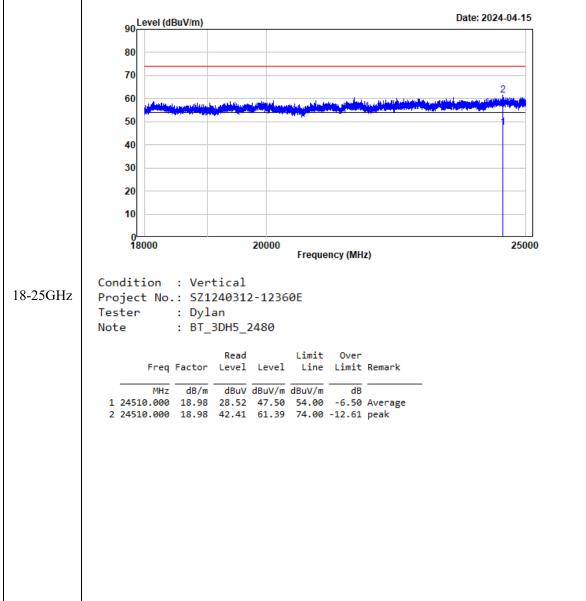
Horizontal





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Vertical

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# FCC §15.247(a) (1) - CHANNEL SEPARATION TEST

### **Applicable Standard**

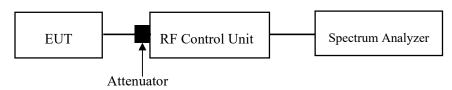
Frequency hopping systems shall have hoping channel carrier frequencies separated by a minimum of 25 kHz or the 20 dB bandwidth of the hopping channel, whichever is greater. Alternatively, frequency hopping systems operating in the 2400-2483.5 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater provided the systems operate with an output power no greater than 125 mW. The system shall hop to channel frequencies that are selected at the system hopping rate from a pseudo randomly ordered list of hopping frequencies. Each frequency must be used equally on the average by each transmitter. The system receivers shall have input bandwidths that match the hopping channel bandwidths of their corresponding transmitters and shall shift frequencies in synchronization with the transmitted signals.

Report No.: SZ1240312-12360E-RF-00A

#### **Test Procedure**

Test Method: ANSI C63.10-2013 Clause 7.8.2

- 1. Set the EUT in transmitting mode, maxhold the channel.
- 2. Set the adjacent channel of the EUT and maxhold another trace.
- 3. Measure the channel separation.



#### **Test Data**

#### **Environmental Conditions**

Temperature:	25~26 °C
Relative Humidity:	51~55 %
ATM Pressure:	101 kPa

The testing was performed by Lee Li on 2024-04-02.

EUT operation mode: Transmitting

Test Result: Compliant. Please refer to the Appendix.

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# FCC §15.247(a) (1) - 20 dB EMISSION BANDWIDTH

#### **Applicable Standard**

Alternatively, frequency hopping systems operating in the 2400–2483.5 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater, provided the systems operate with an output power no greater than 125 mW.

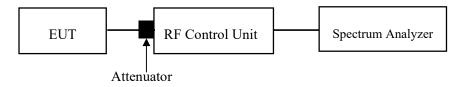
Report No.: SZ1240312-12360E-RF-00A

#### **Test Procedure**

Test Method: ANSI C63.10-2013 Clause 7.8.7 & Clause 6.9.2

The following conditions shall be observed for measuring the occupied bandwidth and 20 dB bandwidth:

- The transmitter shall be operated at its maximum carrier power measured under normal test conditions.
- The span of the spectrum analyzer shall be set large enough to capture all products of the modulation process, including the emission skirts, around the carrier frequency, but small enough to avoid having other emissions (e.g. on adjacent channels) within the span.
- The detector of the spectrum analyzer shall be set to "Sample". However, a peak, or peak hold, may be used in place of the sampling detector since this usually produces a wider bandwidth than the actual bandwidth (worst-case measurement). Use of a peak hold (or "Max Hold") may be necessary to determine the occupied / 20 dB bandwidth if the device is not transmitting continuously.
- The nominal IF filter bandwidth (3 dB RBW) shall be in the range of 1% to 5% of the OBW/ 20dB bandwidth and video bandwidth (VBW) shall be approximately three times RBW, unless otherwise specified by the applicable requirement.



#### **Test Data**

#### **Environmental Conditions**

Temperature:	25~26 °C	
Relative Humidity:	51~55 %	
ATM Pressure:	101 kPa	

The testing was performed by Lee Li on 2024-04-02.

EUT operation mode: Transmitting

Test Result: Compliant. Please refer to the Appendix.

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# FCC §15.247(a) (1) (iii) - QUANTITY OF HOPPING CHANNEL TEST

### **Applicable Standard**

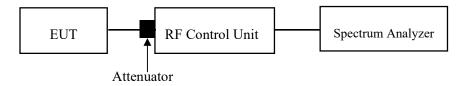
Frequency hopping systems in the 2400–2483.5 MHz band shall use at least 15 channels. The average time of occupancy on any channel shall not be greater than 0.4 seconds within a period of 0.4 seconds multiplied by the number of hopping channels employed. Frequency hopping systems may avoid or suppress transmissions on a particular hopping frequency provided that a minimum of 15 channels are used.

Report No.: SZ1240312-12360E-RF-00A

#### **Test Procedure**

Test Method: ANSI C63.10-2013 Clause 7.8.3

- 1. Check the calibration of the measuring instrument (SA) using either an internal calibrator or a known signal from an external generator.
- 2. Set the EUT in hopping mode from first channel to last.
- 3. By using the max-hold function record the quantity of the channel.



#### **Test Data**

#### **Environmental Conditions**

Temperature:	25~26 °C		
Relative Humidity:	51~55 %		
ATM Pressure:	101 kPa		

The testing was performed by Lee Li on 2024-04-02.

EUT operation mode: Transmitting

Test Result: Compliant. Please refer to the Appendix.

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# FCC §15.247(a) (1) (iii) - TIME OF OCCUPANCY (DWELL TIME)

### **Applicable Standard**

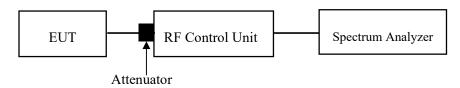
Frequency hopping systems in the 2400-2483.5 MHz shall use at least 15 channels. The average time of occupancy on any channel shall not be greater than 0.4 seconds within a period of 0.4 seconds multiplied by the number of hopping channels employed. Frequency hopping systems may avoid or suppress transmissions on a particular hopping frequency provided that a minimum of 15 channels are used.

Report No.: SZ1240312-12360E-RF-00A

#### **Test Procedure**

Test Method: ANSI C63.10-2013 Clause 7.8.4

- 1. The EUT was worked in channel hopping.
- 2. Set the RBW to: 1MHz.
- 3. Set the VBW  $\geq$  3×RBW.
- 4. Set the span to 0Hz.
- 5. Detector = peak.
- 6. Sweep time = auto couple.
- 7. Trace mode = max hold.
- 8. Allow trace to fully stabilize.
- 9. Recorded the time of single pulses



- Note 1: A period time=0.4\*79=31.6(S), Result=BurstWidth\*Totalhops
- Note 2: Totalhops=Hopping Number in 3.16s\*10
- Note 3: Hopping Number in 3.16s=Total of highest signals in 3.16s(Second high signals were other channel)

#### **Test Data**

#### **Environmental Conditions**

Temperature:	25~26 °C
Relative Humidity:	51~55 %
ATM Pressure:	101 kPa

*The testing was performed by Lee Li on 2024-04-02.* 

EUT operation mode: Transmitting

Test Result: Compliant. Please refer to the Appendix.

# FCC §15.247(b) (1) - PEAK OUTPUT POWER MEASUREMENT

### **Applicable Standard**

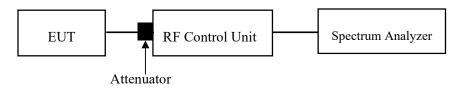
According to §15.247(b) (1), for frequency hopping systems operating in the 2400–2483.5 MHz band employing at least 75 non-overlapping hopping channels, and all frequency hopping systems in the 5725-5850 MHz band: 1 watt. And for all other frequency hopping systems in the 2400–2483.5 MHz band: 0.125 watts.

Report No.: SZ1240312-12360E-RF-00A

#### **Test Procedure**

Test Method: ANSI C63.10-2013 Clause 7.8.5

- 1. Place the EUT on a bench and set in transmitting mode.
- 2. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to one test equipment.
- 3. Add a correction factor to the display.



#### **Test Data**

#### **Environmental Conditions**

Temperature:	25~26 °C		
Relative Humidity:	51~55 %		
ATM Pressure:	101 kPa		

The testing was performed by Lee Li on 2024-04-02.

EUT operation mode: Transmitting

Test Result: Compliant. Please refer to the Appendix.

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# FCC §15.247(d) § 5.5 - BAND EDGES TESTING

#### **Applicable Standard**

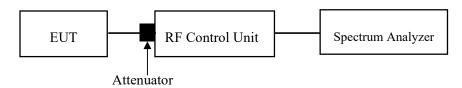
In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the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

Report No.: SZ1240312-12360E-RF-00A

#### **Test Procedure**

Test Method: ANSI C63.10-2013 Clause 7.8.6 & Clause 6.10

- 1. Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.
- 2. Remove the antenna from the EUT and then connect to a low loss RF cable from the antenna port to a EMI test receiver, then turn on the EUT and make it operate in transmitting mode. Then set it to Low Channel and High Channel within its operating range, and make sure the instrument is operated in its linear range.
- 3. Set RBW of spectrum analyzer to 100 kHz with a convenient frequency span including 100 kHz bandwidth from band edge.
- 4. Measure the highest amplitude appearing on spectral display and set it as a reference level. Plot the graph with marking the highest point and edge frequency.
- 5. Repeat above procedures until all measured frequencies were complete.



#### **Test Data**

#### **Environmental Conditions**

Temperature:	25~26 °C
Relative Humidity:	51~55 %
ATM Pressure:	101 kPa

The testing was performed by Lee Li on 2024-04-02 and Navilite Cai on 2024-04-22.

EUT operation mode: Transmitting

Test Result: Compliant. Please refer to the Appendix.

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Bay Area Compliance Laboratories C	orp. (Snenznen)	Report No.: SZ1240312-12360E-RF-00A		
EUT PHOTOGRAPHS				
Please refer to the attachment SZI photo.	1240312-12360E-RF Externa	al photo and SZ1240312-12360E-RF Interna		
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Bay Area Compliance Laboratories Corp. (SI		Report No.: SZ1240312-12360E-RF-00A			
TEST SETUP PHOTOGRAPHS  Please refer to the attachment SZ1240312-12360E-RF Test Setup photo.					
	1				
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# **APPENDIX**

# Appendix A: 20dB Emission Bandwidth

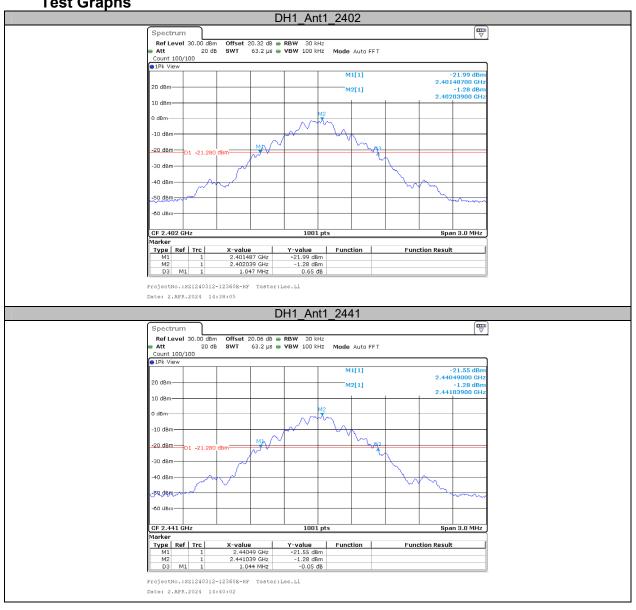
# **Test Result**

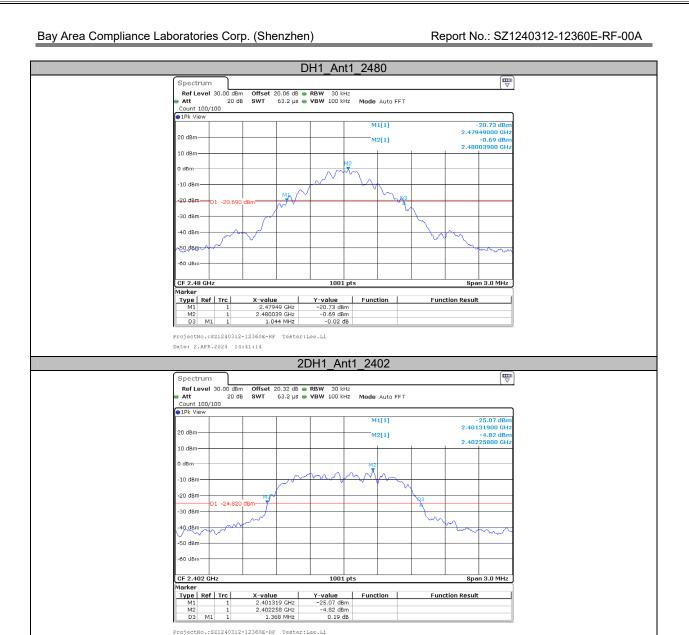
	rtoouit													
Test Mode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict							
		2402	1.05	2401.49	2402.53									
DH1	Ant1	2441	1.04	2440.49	2441.53									
									2480	1.04	2479.49	2480.53		
		2402	1.37	2401.32	2402.69									
2DH1	Ant1	2441	1.37	2440.32	2441.69									
	2480	1.37	2479.32	2480.69										
3DH1 Ant1	Ant1 24	2402	1.30	2401.34	2402.65									
		2441	1.33	2440.32	2441.65									
		2480	1.31	2479.34	2480.65									

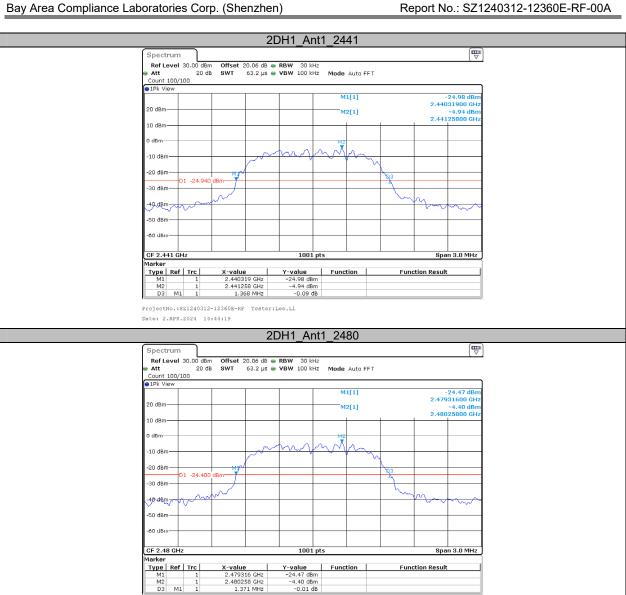
Report No.: SZ1240312-12360E-RF-00A

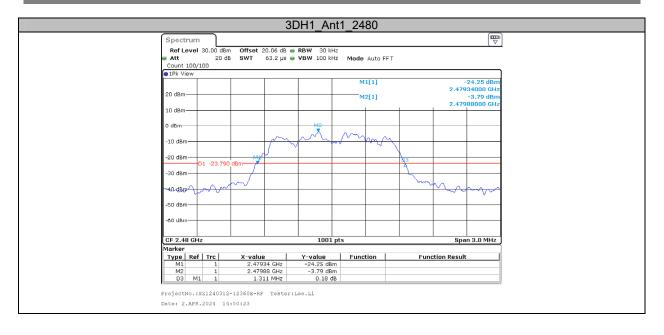
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**Test Graphs** 









# **Appendix B: Occupied Channel Bandwidth**

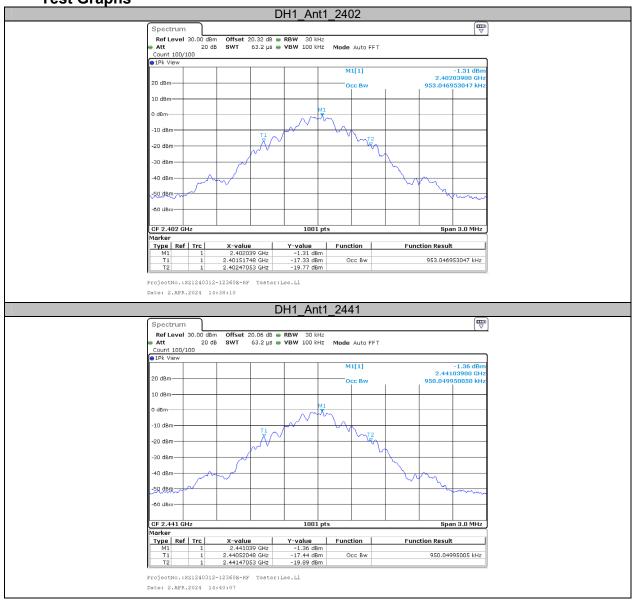
# **Test Result**

1000	rtoouit						
Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
		2402	0.953	2401.5175	2402.4705		
DH1	Ant1	2441	0.950	2440.5205	2441.4705		
		2480	0.944	2479.5235	2480.4675		
		2402	1.211	2401.3946	2402.6054		
2DH1 A	Ant1	2441	1.211	2440.3946	2441.6054		
		2480	1.211	2479.3946	2480.6054		
		2402	1.199	2401.3946	2402.5934		
3DH1	Ant1	2441	1.193	2440.3976	2441.5904		
		2480	1.196	2479.3946	2480.5904		

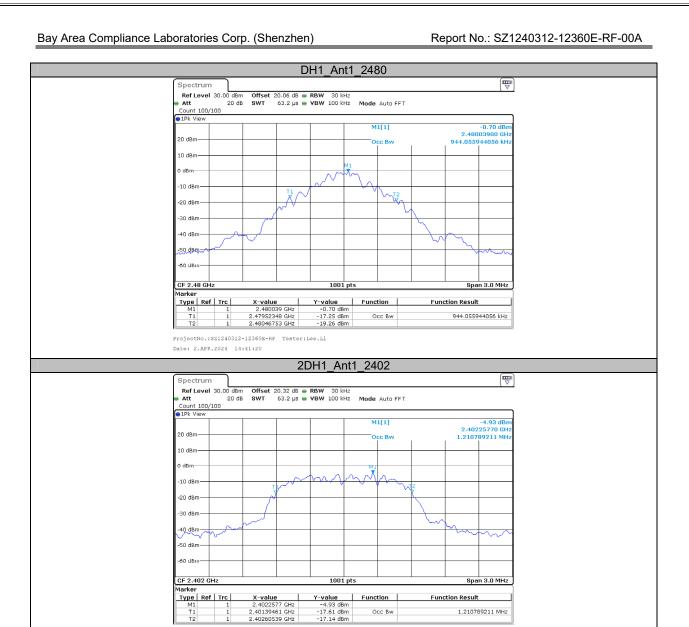
Report No.: SZ1240312-12360E-RF-00A

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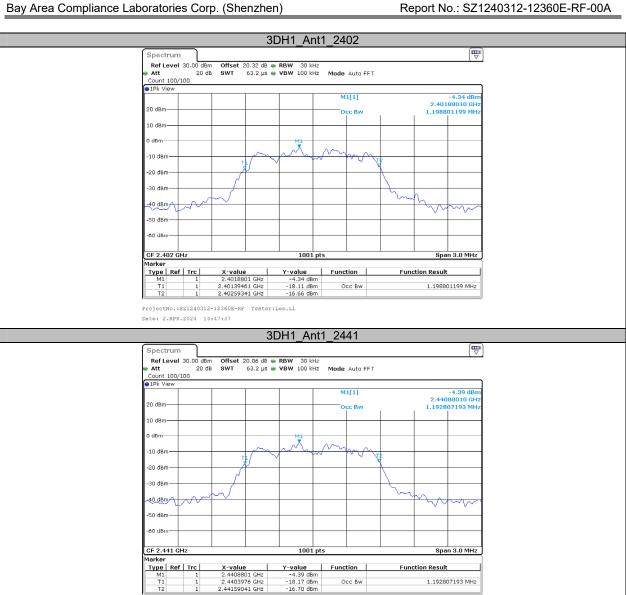
**Test Graphs** 



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1.210789211 MHz



Occ Bw

ProjectNo.:SZ1240312-12360E-RF Tester:Lee.Li

1.192807193 MHz



# Appendix C: Maximum conducted output power

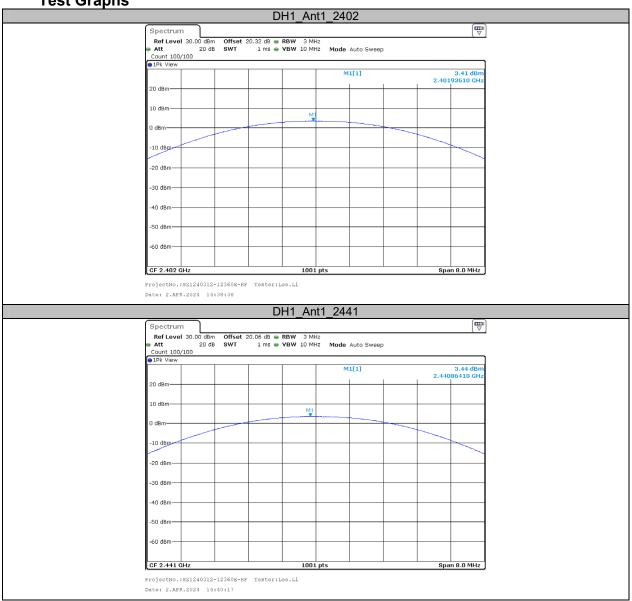
# **Test Result**

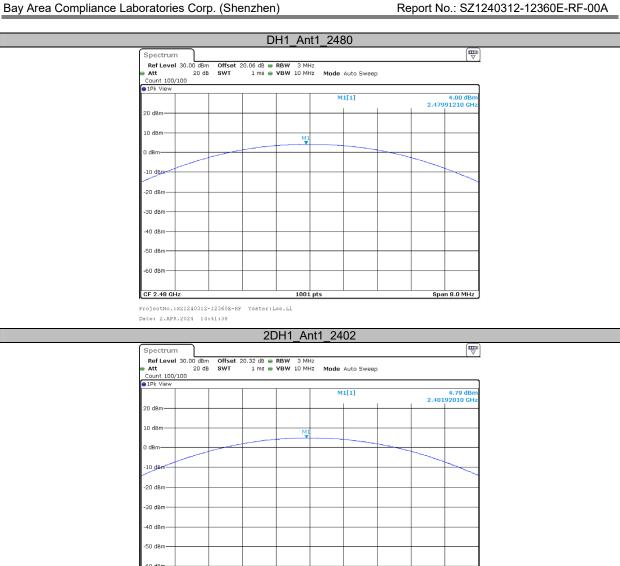
	100t Rodalt							
Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power [dBm]	Conducted Limit[dBm]	Verdict			
		2402	3.41	≤20.97	PASS			
DH1	Ant1	2441	3.44	≤20.97	PASS			
		2480	4.00	≤20.97	PASS			
	Ant1	2402	4.79	≤20.97	PASS			
2DH1		2441	4.77	≤20.97	PASS			
		2480	5.31	≤20.97	PASS			
	Ant1	2402	5.05	≤20.97	PASS			
3DH1		2441	5.01	≤20.97	PASS			
		2480	5.54	≤20.97	PASS			

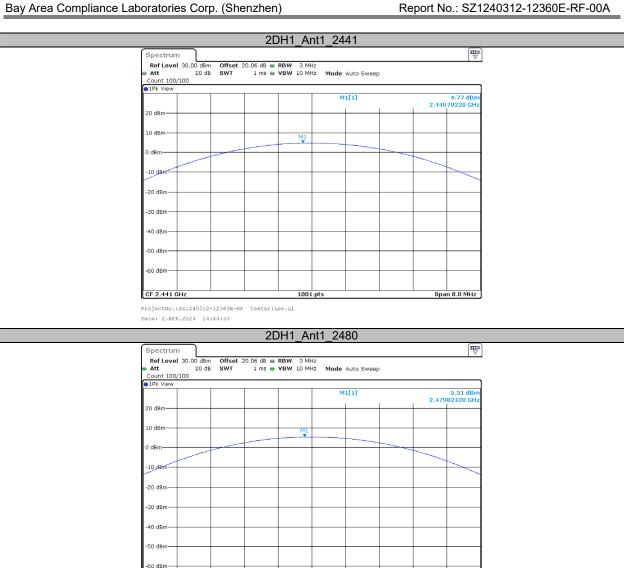
Report No.: SZ1240312-12360E-RF-00A

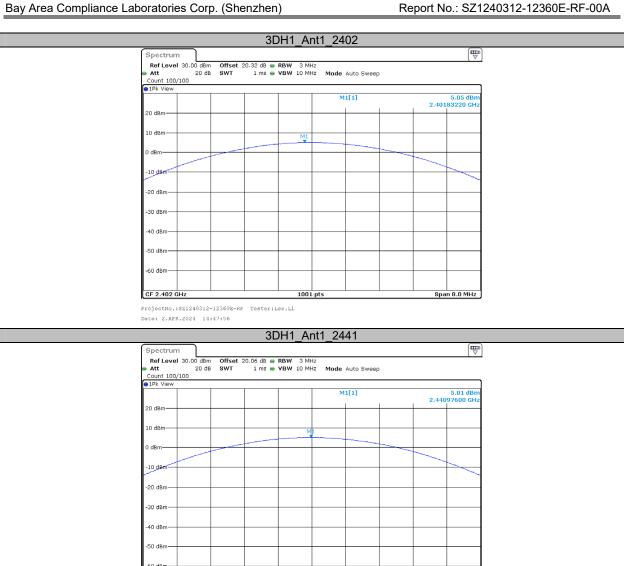
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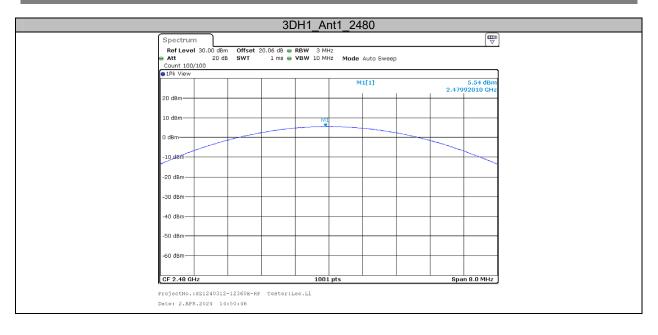
# **Test Graphs**











# **Test Result**

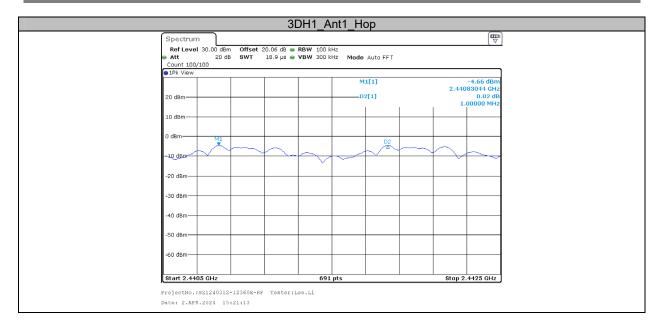
Test Mode	Antenna	Frequency[MHz]	Result[MHz]	Limit[MHz]	Verdict
DH1	Ant1	Нор	1	≥0.700	PASS
2DH1	Ant1	Нор	1.003	≥0.913	PASS
3DH1	Ant1	Нор	1	≥0.887	PASS

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**Test Graphs** 



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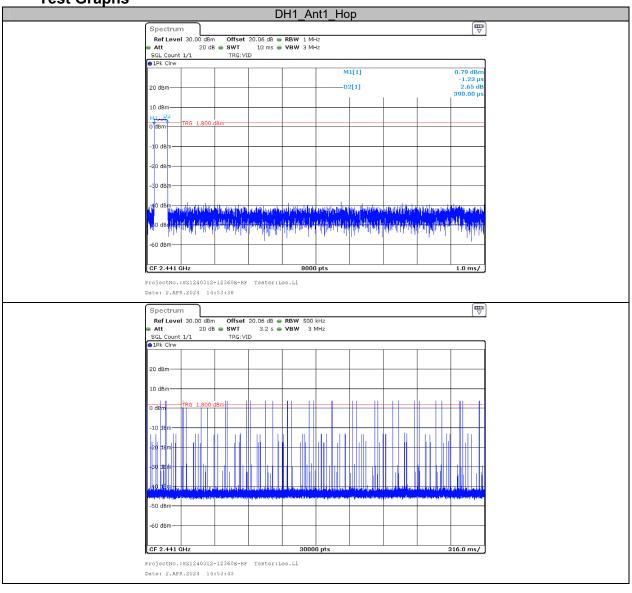
#### **Test Result**

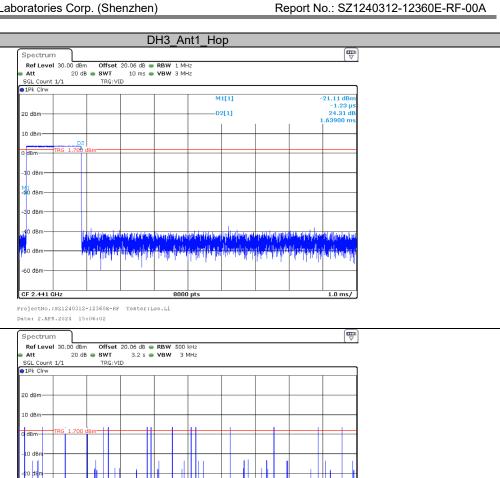
165t Nosait									
Test Mode	Antenna	Frequency[MHz]	Burst Width [ms]	Total Hops [Num]	Result[s]	Limit[s]	Verdict		
DH1	Ant1	Нор	0.390	320	0.125	≤0.4	PASS		
DH3	Ant1	Нор	1.639	170	0.279	≤0.4	PASS		
DH5	Ant1	Нор	2.879	120	0.345	≤0.4	PASS		
2DH1	Ant1	Нор	0.400	330	0.132	≤0.4	PASS		
2DH3	Ant1	Нор	1.644	160	0.263	≤0.4	PASS		
2DH5	Ant1	Нор	2.885	120	0.346	≤0.4	PASS		
3DH1	Ant1	Нор	0.400	330	0.132	≤0.4	PASS		
3DH3	Ant1	Нор	1.643	170	0.279	≤0.4	PASS		
3DH5	Ant1	Нор	2.887	130	0.375	≤0.4	PASS		

Report No.: SZ1240312-12360E-RF-00A

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**Test Graphs** 





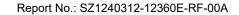
30000 pts

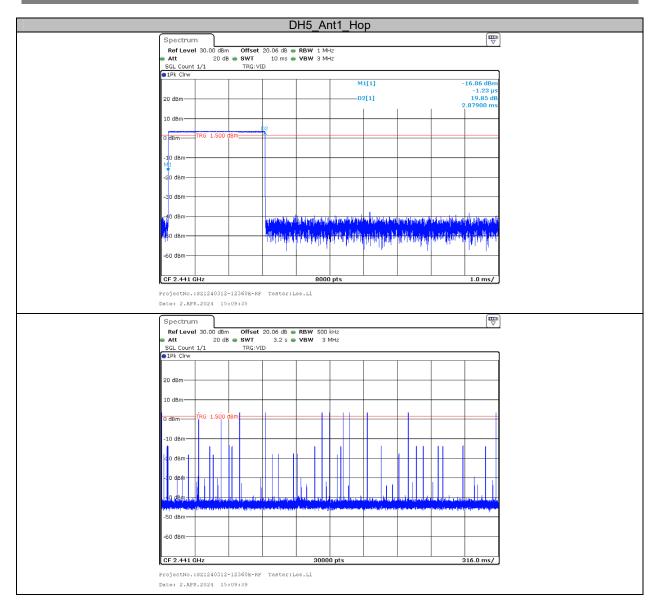
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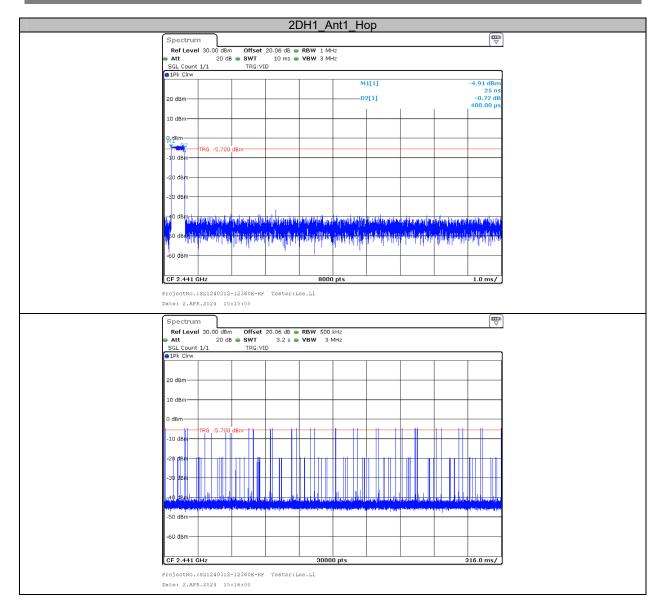
-60 dBm

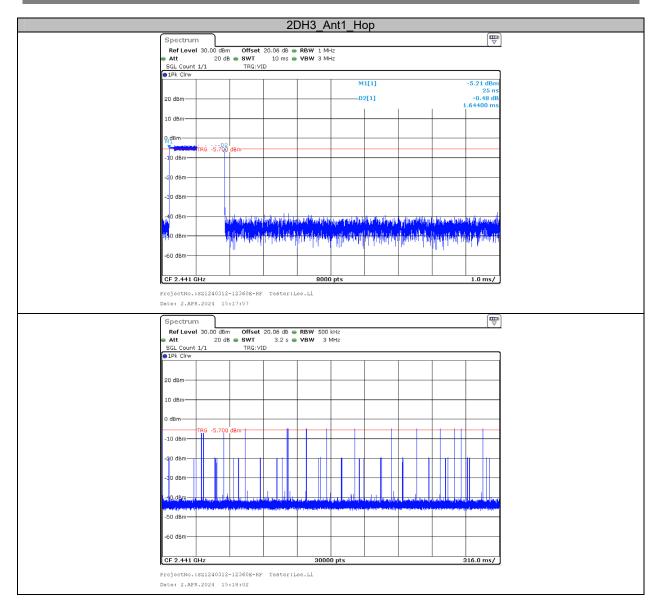
ProjectNo.:SZ1240312-12360E-RF Tester:Lee.Li

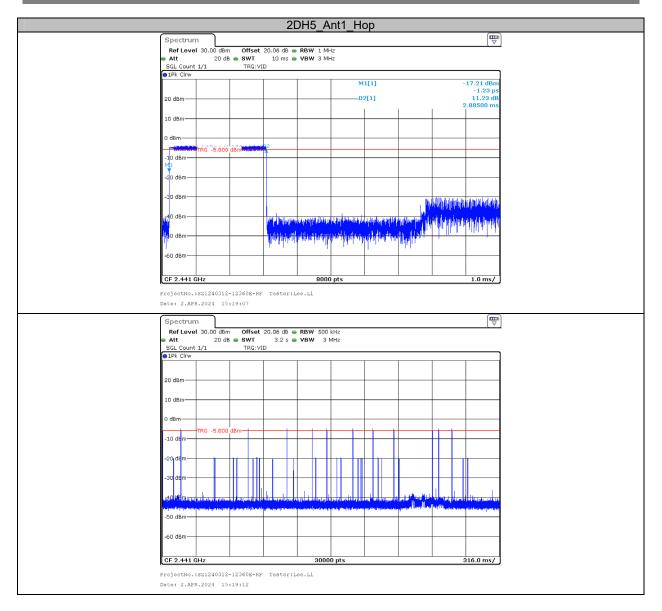
Date: 2.APR.2024 15:06:07

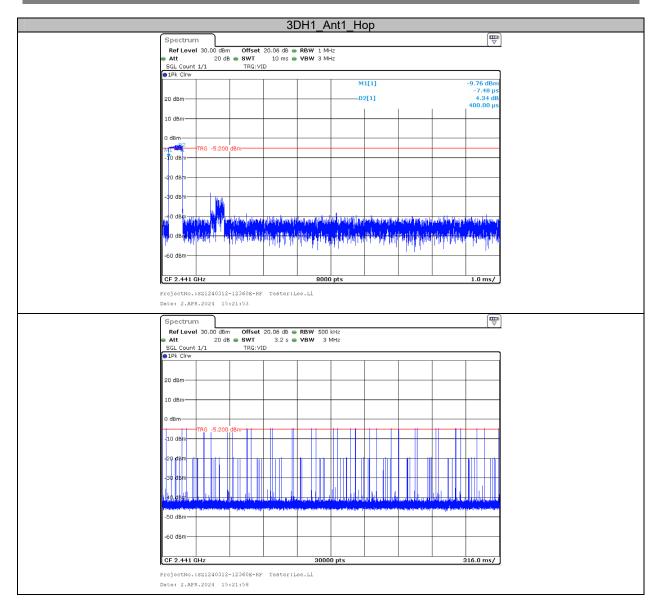


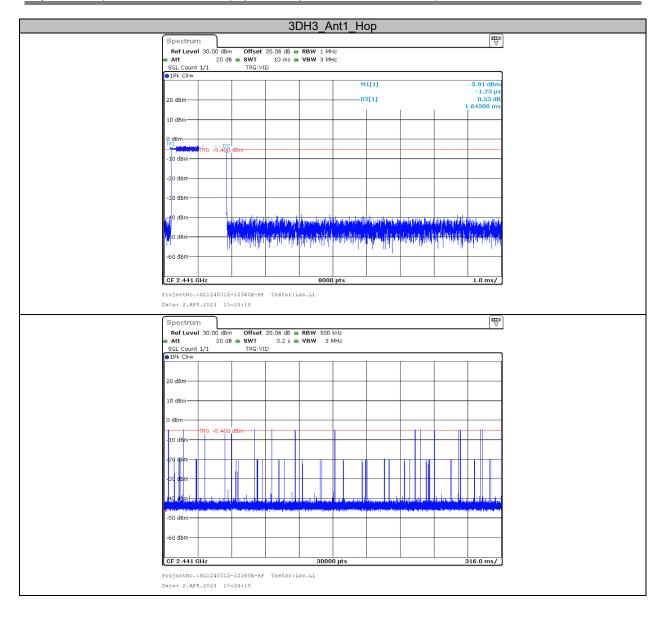


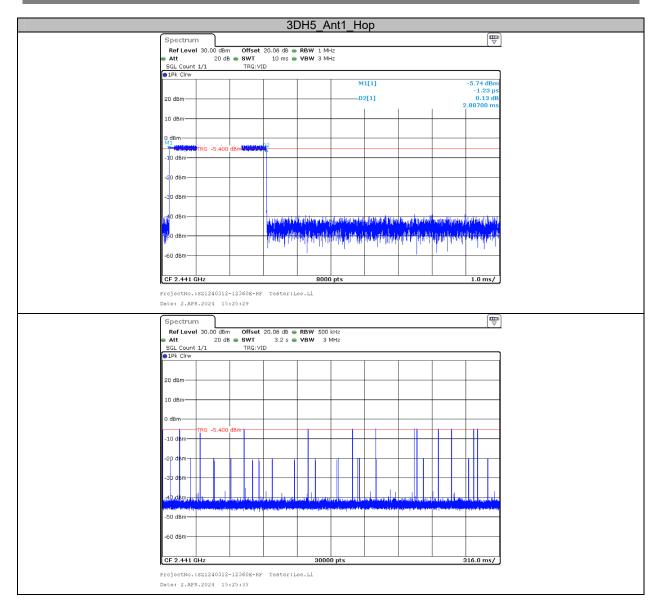












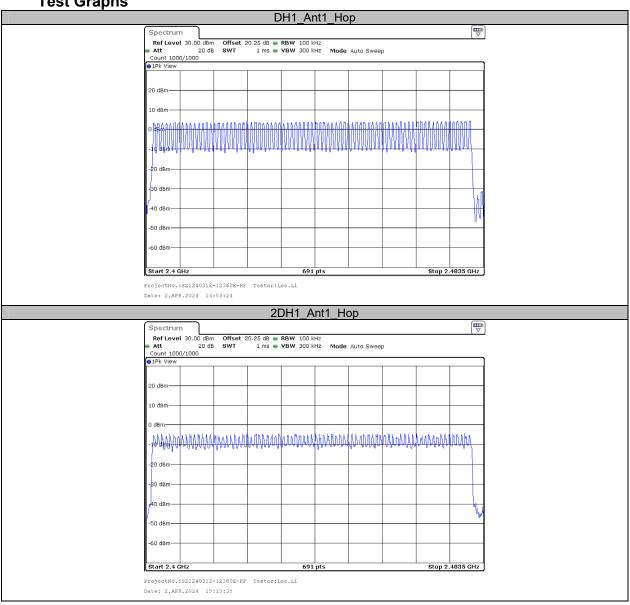
## Appendix F: Number of hopping channels

## **Test Result**

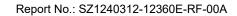
Test Mode	Antenna	Frequency[MHz]	Result[Num]	Limit[Num]	Verdict
DH1	Ant1	Нор	79	≥15	PASS
2DH1	Ant1	Нор	79	≥15	PASS
3DH1	Ant1	Нор	79	≥15	PASS

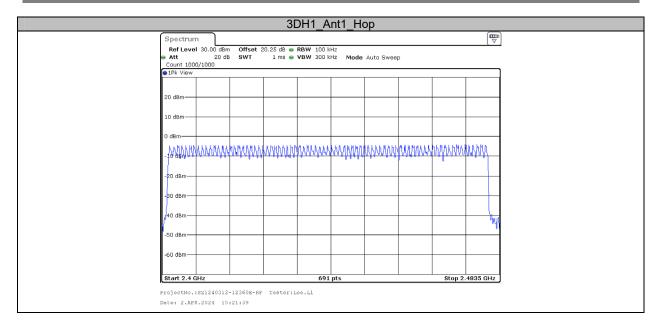
Report No.: SZ1240312-12360E-RF-00A

**Test Graphs** 



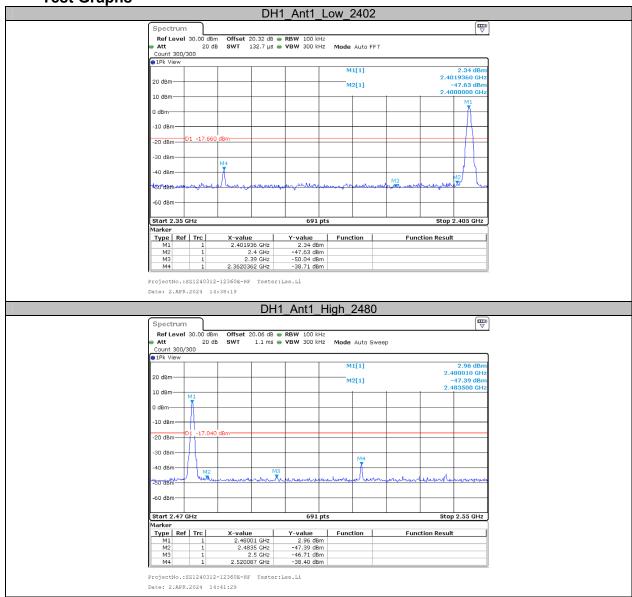
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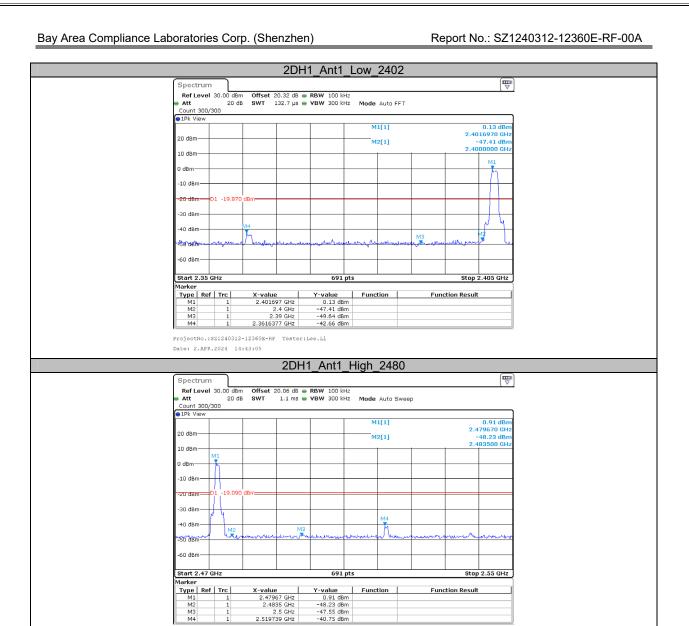
## Appendix G: Band edge measurements

**Test Graphs** 



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2.510812 GHz ProjectNo.:SZ1240312-12360E-RF Tester:Navilite.Cai



ProjectNo.:SZ1240312-12360E-RF Tester:Lee.Li

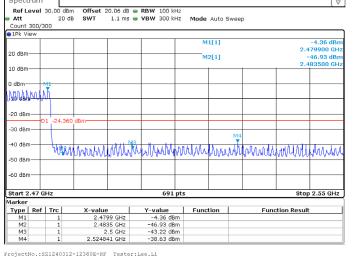
Spectrum

-30 dBm

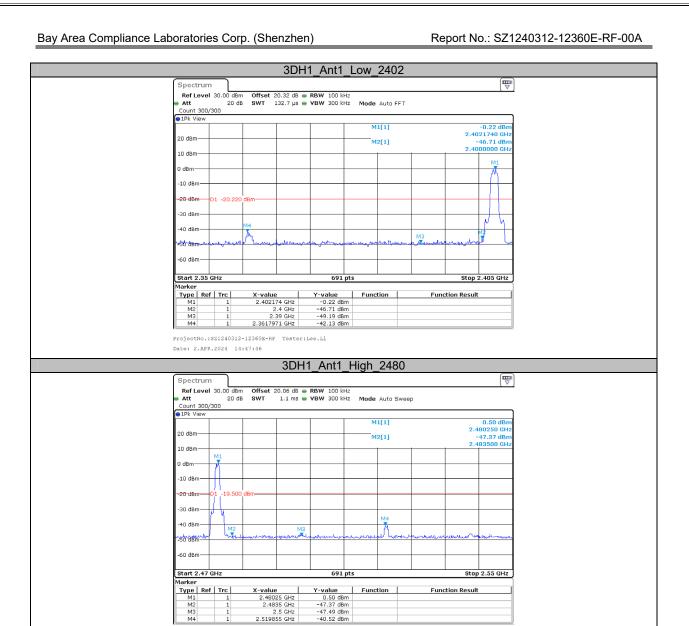
-60 dBm Start 2.35 GHz

Date: 2.APR.2024 15:14:47

2.3911304 GHz

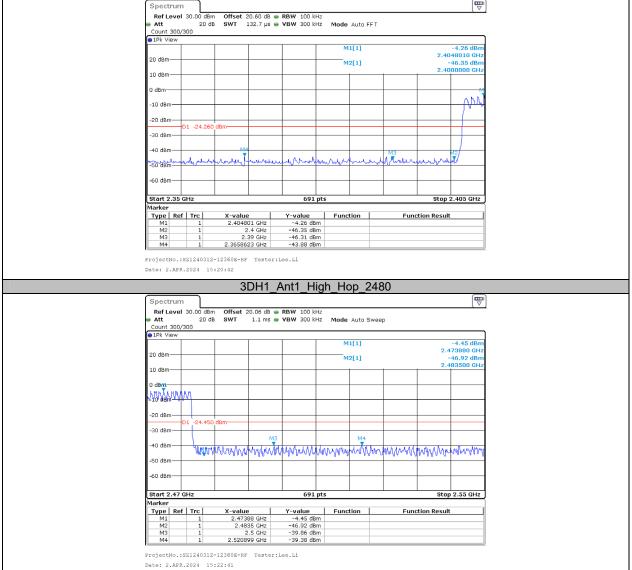


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ProjectNo.:SZ1240312-12360E-RF Tester:Lee.Li



3DH1\_Ant1\_Low\_Hop\_2402

## \*\*\*\*\* END OF REPORT \*\*\*\*\*

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