

TEST REPORT

Applicant Name: VTech Telecommunications Ltd
Address: 23/F Tai Ping Ind Center Block 1 57 Ting Kok Rd Tai Po NT, 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▲
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▲ In the configuration tested, the EUT complied with the standards above.

Prepared and Checked By:

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Note: The information marked # is 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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TABLE OF CONTENTS

DOCUMENT REVISION HISTORY	4
GENERAL INFORMATION.....	5
PRODUCT DESCRIPTION FOR EQUIPMENT UNDER TEST (EUT).....	5
OBJECTIVE	5
TEST METHODOLOGY	5
MEASUREMENT UNCERTAINTY.....	6
TEST FACILITY	6
SYSTEM TEST CONFIGURATION.....	7
DESCRIPTION OF TEST CONFIGURATION	7
EUT EXERCISE SOFTWARE	7
SPECIAL ACCESSORIES.....	7
EQUIPMENT MODIFICATIONS	7
SUPPORT EQUIPMENT LIST AND DETAILS	7
EXTERNAL I/O CABLE.....	8
BLOCK DIAGRAM OF TEST SETUP	8
SUMMARY OF TEST RESULTS	10
TEST EQUIPMENT LIST	11
FCC §1.1307 (B) & §2.1091- MPE-BASED EXEMPTION	13
APPLICABLE STANDARD	13
RESULT	13
FCC §15.203 - ANTENNA REQUIREMENT.....	14
APPLICABLE STANDARD	14
ANTENNA CONNECTOR CONSTRUCTION	14
FCC §15.207 (A) - AC LINE CONDUCTED EMISSIONS	15
APPLICABLE STANDARD	15
EUT SETUP	15
EMI TEST RECEIVER SETUP.....	15
TEST PROCEDURE	15
FACTOR & OVER LIMIT CALCULATION.....	16
TEST DATA	16
FCC §15.205, §15.209 & §15.247(D) - RADIATED EMISSIONS.....	21
APPLICABLE STANDARD	21
EUT SETUP	21
EMI TEST RECEIVER & SPECTRUM ANALYZER SETUP	22
TEST PROCEDURE	23
FACTOR & OVER LIMIT/MARGIN CALCULATION	23
TEST DATA	23
FCC §15.247(A) (1) - CHANNEL SEPARATION TEST	41
APPLICABLE STANDARD	41
TEST PROCEDURE	41
TEST DATA	41

FCC §15.247(A) (1) - 20 DB EMISSION BANDWIDTH.....42
 APPLICABLE STANDARD42
 TEST PROCEDURE42
 TEST DATA42

FCC §15.247(A) (1) (III) - QUANTITY OF HOPPING CHANNEL TEST.....43
 APPLICABLE STANDARD43
 TEST PROCEDURE43
 TEST DATA43

FCC §15.247(A) (1) (III) - TIME OF OCCUPANCY (DWELL TIME).....44
 APPLICABLE STANDARD44
 TEST PROCEDURE44
 TEST DATA44

FCC §15.247(B) (1) - PEAK OUTPUT POWER MEASUREMENT45
 APPLICABLE STANDARD45
 TEST PROCEDURE45
 TEST DATA45

FCC §15.247(D) § 5.5 - BAND EDGES TESTING.....46
 APPLICABLE STANDARD46
 TEST PROCEDURE46
 TEST DATA46

EUT PHOTOGRAPHS.....47

TEST SETUP PHOTOGRAPHS48

APPENDIX49
 APPENDIX A: 20dB EMISSION BANDWIDTH.....49
 APPENDIX B: OCCUPIED CHANNEL BANDWIDTH55
 APPENDIX C: MAXIMUM CONDUCTED OUTPUT POWER61
 APPENDIX D: CARRIER FREQUENCY SEPARATION67
 APPENDIX E: TIME OF OCCUPANCY69
 APPENDIX F: NUMBER OF HOPPING CHANNELS79
 APPENDIX G: BAND EDGE MEASUREMENTS81

DOCUMENT REVISION HISTORY

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

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, $\pi/4$ -DQPSK, 8DPSK
Antenna Specification [#]	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 BAACL, 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
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 Channel Bandwidth		±5%
RF output power, conducted		0.72 dB(k=2, 95% level of confidence)
AC Power Lines Conducted Emissions	9kHz-150kHz	3.94dB(k=2, 95% level of confidence)
	150kHz-30MHz	3.84dB(k=2, 95% level of confidence)
Radiated Emissions	9kHz - 30MHz	3.30dB(k=2, 95% level of confidence)
	30MHz~200MHz (Horizontal)	4.48dB(k=2, 95% level of confidence)
	30MHz~200MHz (Vertical)	4.55dB(k=2, 95% level of confidence)
	200MHz~1000MHz (Horizontal)	4.85dB(k=2, 95% level of confidence)
	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		±1°C
Humidity		±1%
Supply voltages		±0.4%

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.

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

EUT was tested with Channel 0, 39 and 78.

EUT Exercise Software

“0128-realtek Bluetooth mp kit setup package[#]” exercise software was used and the power level is default[#]. The software and power level 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

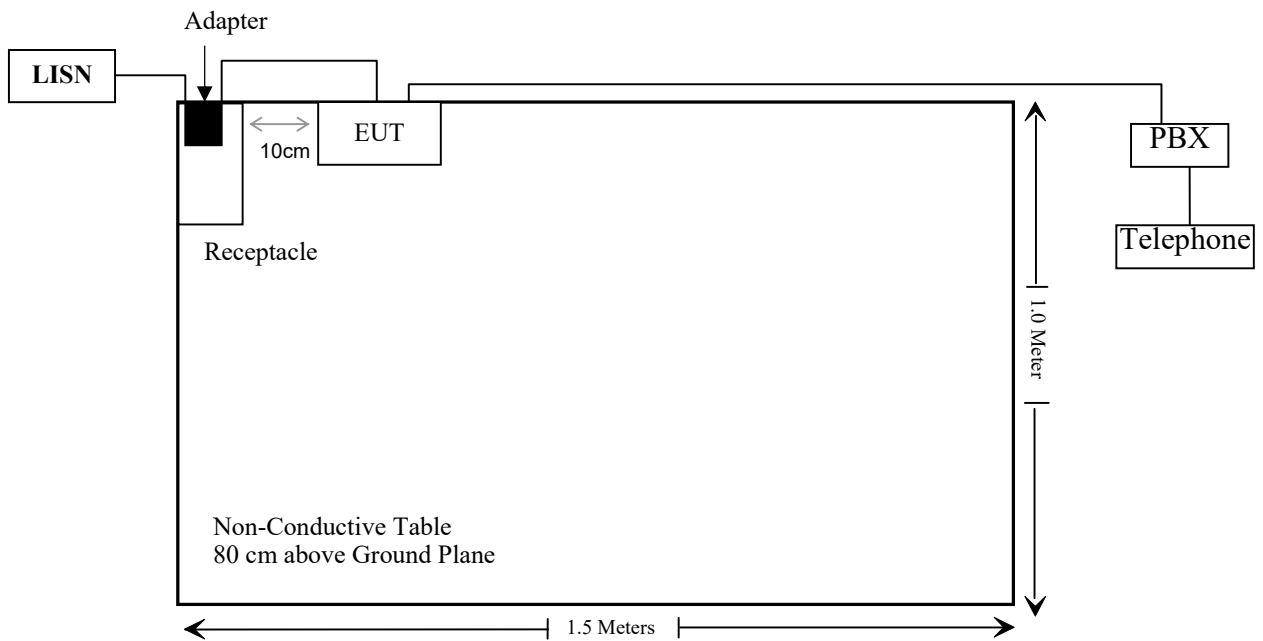
Manufacturer	Description	Model	Serial Number
YIKE	PBX	TC-208	Unknown
Kinhao	Telephone	KT86AS	Unknown

External I/O Cable

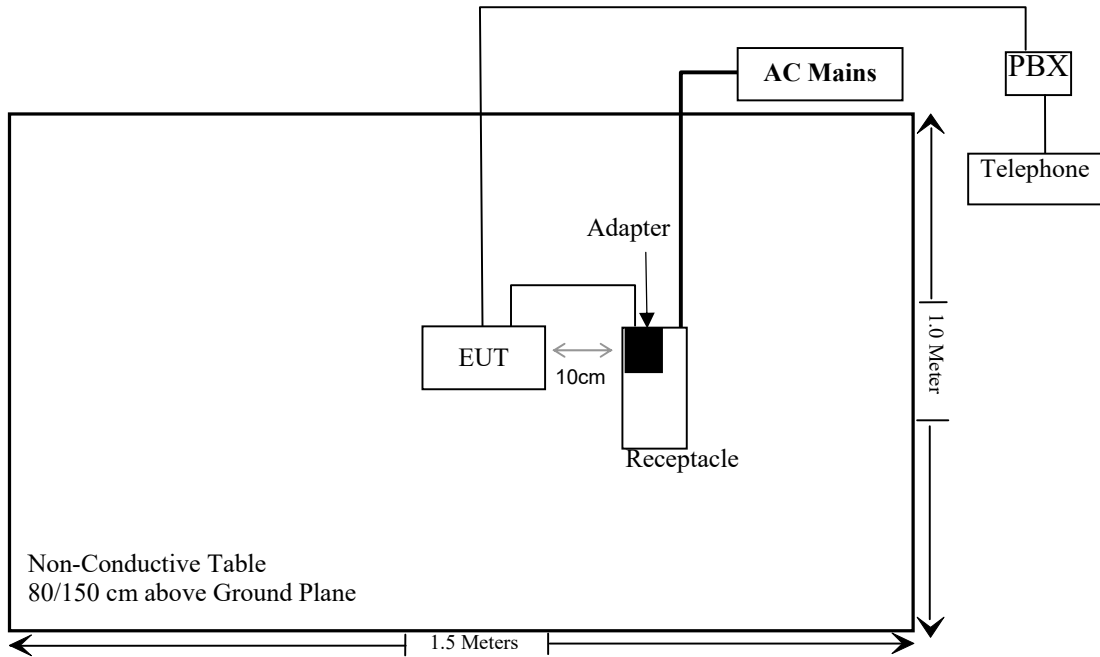
Cable Description	Length (m)	From Port	To
Un-shielded un-detachable AC cable	1.2	LISN/ AC mains	Receptacle
Un-shielding Detachable DC Cable	1.8	EUT	Adapter
Un-shielded detachable RJ11 cable	8.0	EUT	PBX
Un-shielded detachable RJ11 cable	1.0	Telephone	PBX

Block Diagram of Test Setup

For Conducted Emission



For Radiated Emissions:



SUMMARY OF TEST RESULTS

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

TEST EQUIPMENT LIST

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 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 1	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 Antenna	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

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
RF Conducted Test					
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

* **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.

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	$1,920 R^2$.
1.34-30	$3,450 R^2/f^2$.
30-300	$3.83 R^2$.
300-1,500	$0.0128 R^2f$.
1,500-100,000	$19.2R^2$.

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

Result

Mode	Frequency (MHz)	Tune up conducted power [#]	Antenna Gain [#]		ERP		Evaluation Distance (m)	MPE-Based Exemption Threshold (mW)
		(dBm)	(dBi)	(dBd)	(dBm)	(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

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.

Antenna Connector Construction

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

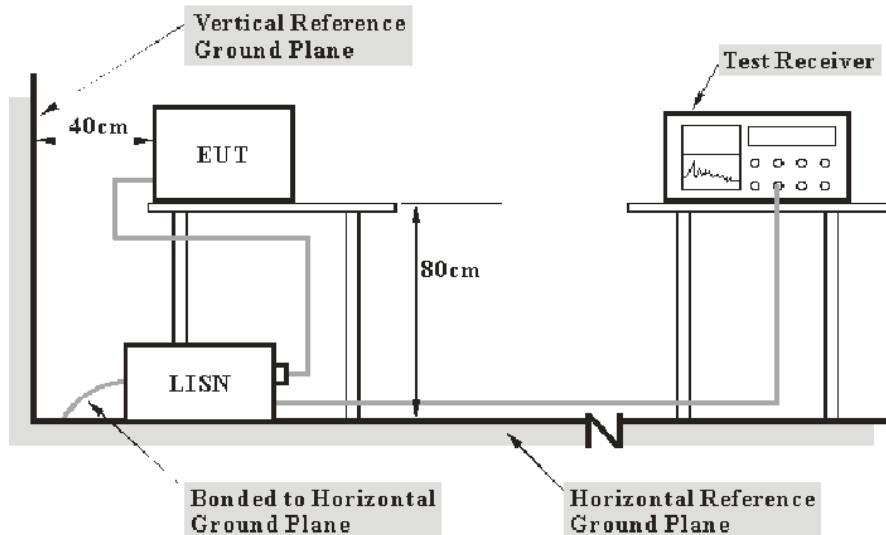
Result: Compliant

FCC §15.207 (a) - AC LINE CONDUCTED EMISSIONS

Applicable Standard

FCC §15.207(a)

EUT Setup



- 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.

Factor & Over Limit Calculation

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

$$\text{Factor} = \text{LISN VDF} + \text{Cable Loss}$$

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:

$$\begin{aligned}\text{Over Limit} &= \text{Level} - \text{Limit} \\ \text{Level} &= \text{Read Level} + \text{Factor}\end{aligned}$$

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

Test Data

Environmental Conditions

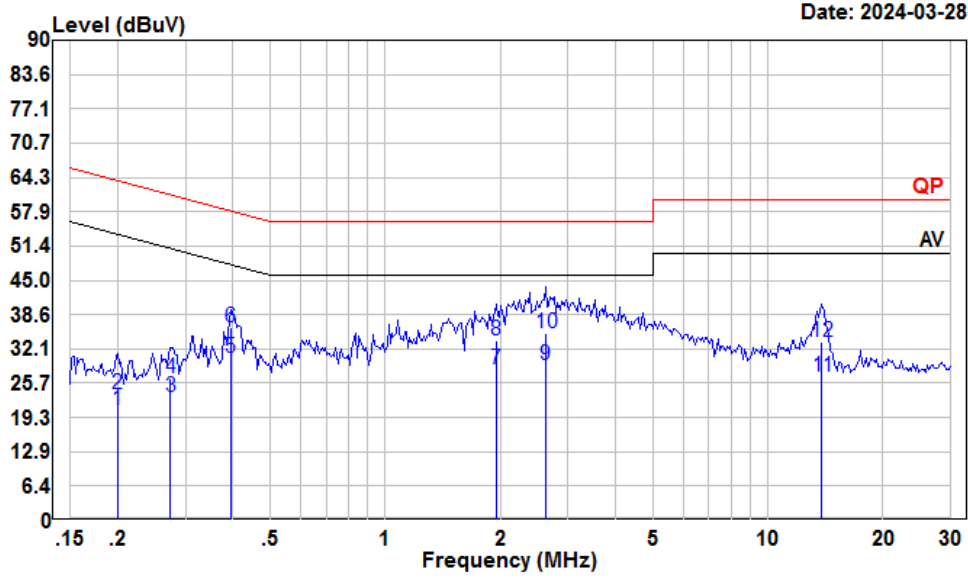
Temperature:	27°C
Relative Humidity:	61 %
ATM Pressure:	101 kPa

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

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

For adapter 1

AC 120V/60 Hz, Line

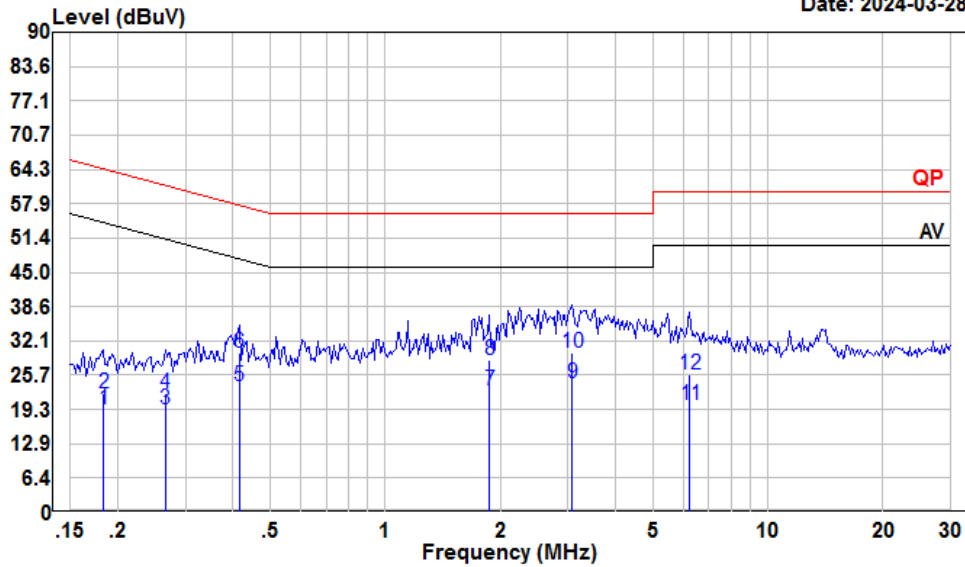


Condition: Line
 Project : SZ1240312-12360E-RF
 Tester : Macy shi
 Note : BT

	Read Freq	Read Level	LISN 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

AC 120V/60 Hz, Neutral

Date: 2024-03-28

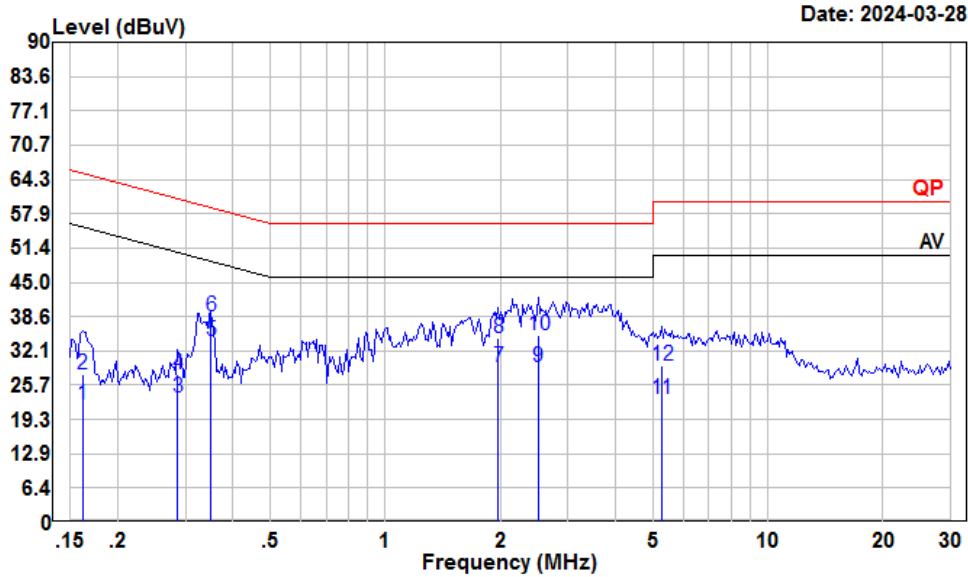


Condition: Neutral
 Project : SZ1240312-12360E-RF
 Tester : Macy shi
 Note : BT

	Read Freq	Read Level	LISN 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	QP

For adapter 2

AC 120V/60 Hz, Line

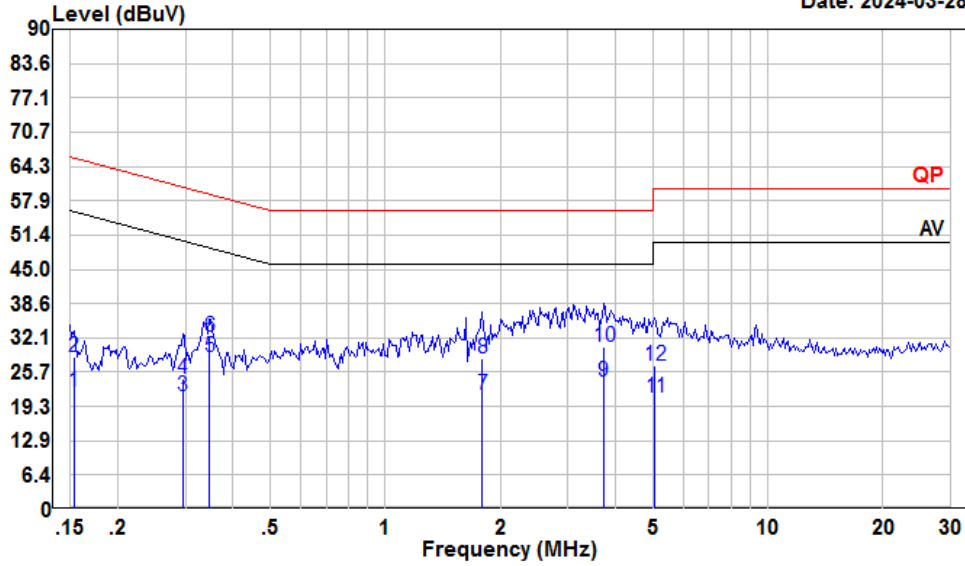


Condition: Line
 Project : SZ1240312-12360E-RF
 Tester : Macy shi
 Note : BT

	Freq	Read Level	LISN Level	LISN Factor	Cable Loss	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	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	QP

AC 120V/60 Hz, Neutral

Date: 2024-03-28



Condition: Neutral
 Project : SZ1240312-12360E-RF
 Tester : Macy shi
 Note : BT

	Read 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	QP

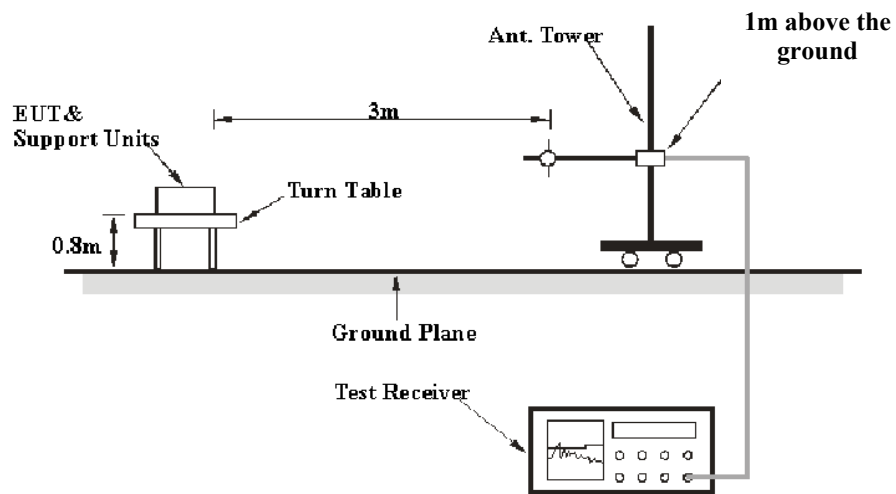
FCC §15.205, §15.209 & §15.247(d) - RADIATED EMISSIONS

Applicable Standard

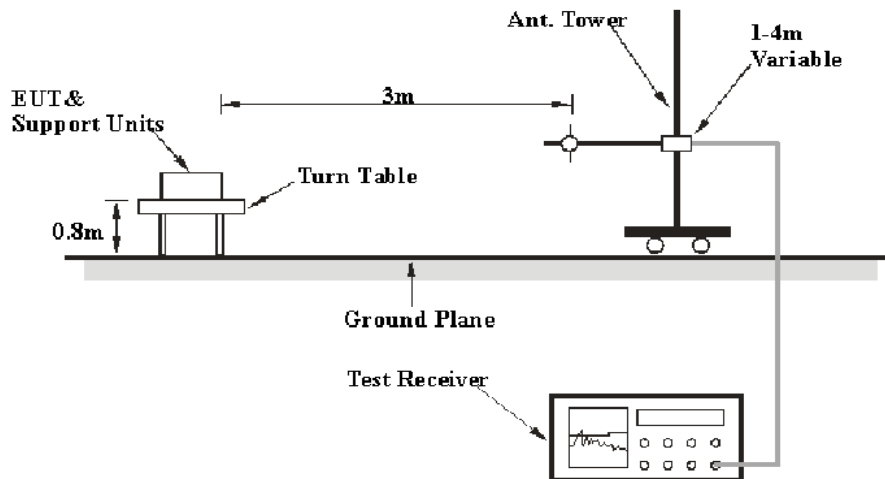
FCC §15.205; §15.209; §15.247(d)

EUT Setup

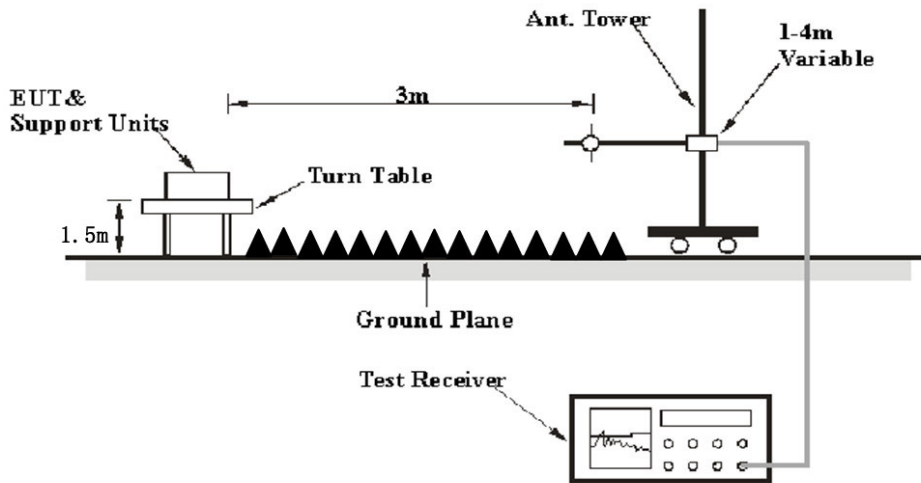
9 kHz-30MHz:



30MHz-1GHz:



Above 1GHz:



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
9 kHz – 150 kHz	/	/	200 Hz	QP
	300 Hz	1 kHz	/	PK
150 kHz – 30 MHz	/	/	9 kHz	QP
	10 kHz	30 kHz	/	PK
30 MHz – 1000 MHz	/	/	120 kHz	QP
	100 kHz	300 kHz	/	PK
Above 1 GHz	Harmonics & Band Edge			
	1MHz	3 MHz	/	PK
	Average Emission Level=Peak Emission Level+20*log(Duty cycle)			
	Other Emissions			
	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= $N_1 * L_1 + N_2 * L_2 + \dots + N_{n-1} * L_{n-1} + N_n * L_n$,

Where N_1 is number of type 1 pulses, L_1 is length of type 1 pulse, etc.

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:

$$\text{Factor} = \text{Antenna Factor} + \text{Cable Loss} - \text{Amplifier Gain}$$

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:

$$\begin{aligned} \text{Over Limit/Margin} &= \text{Level/Corrected Amplitude} - \text{Limit} \\ \text{Level / Corrected Amplitude} &= \text{Read Level} + \text{Factor} \end{aligned}$$

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.

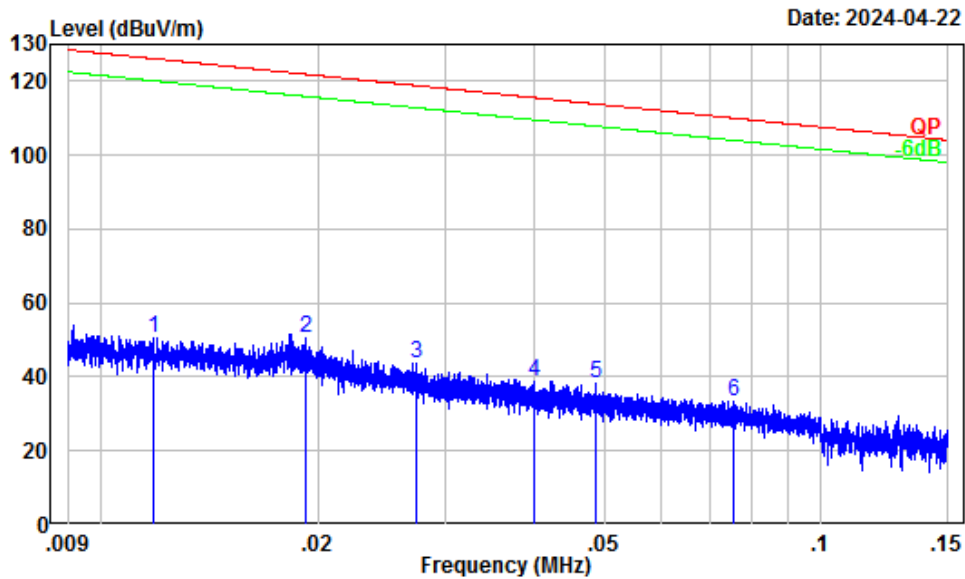
Test mode: Transmitting

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.

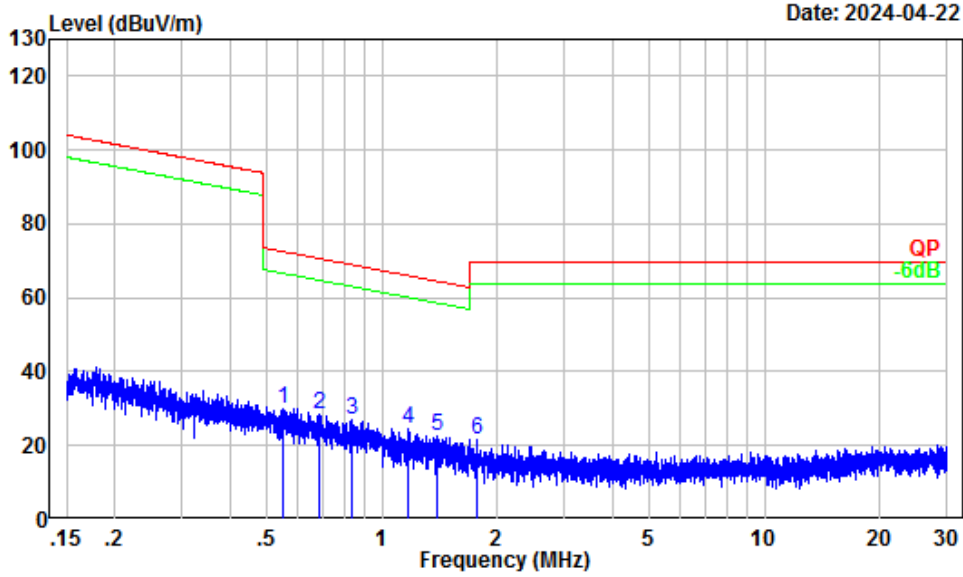
Parallel (worst case)

For Adapter 1



Site : Chamber A
 Condition : 3m
 Project Number: SZ1240312-12360E-RF
 Note : BT
 Tester : Anson Su

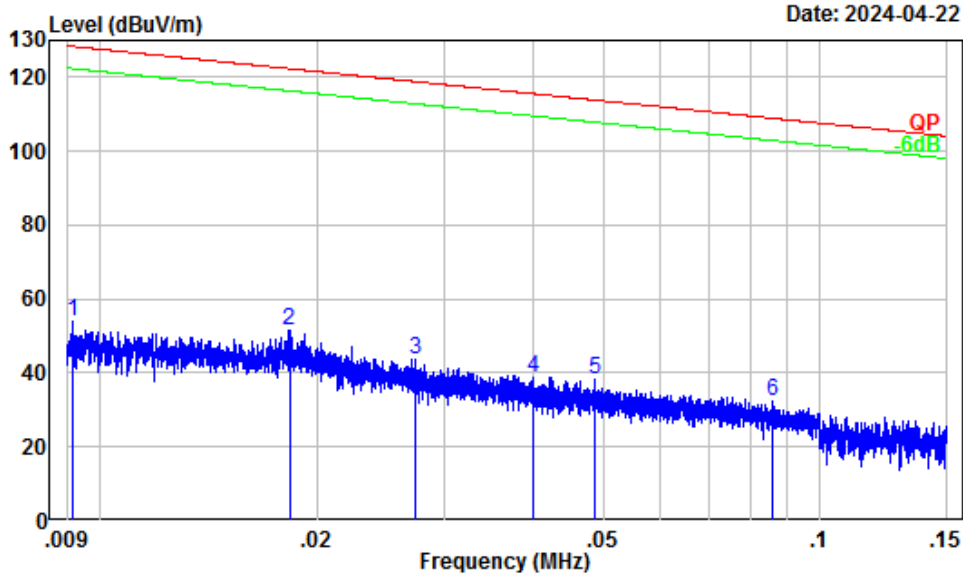
	Freq	Factor	Read Level	Level	Limit	Over	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	0.01	36.76	13.95	50.71	126.16	-75.45	Peak
2	0.02	32.98	17.63	50.61	121.93	-71.32	Peak
3	0.03	28.83	14.86	43.69	118.86	-75.17	Peak
4	0.04	25.30	13.30	38.60	115.59	-76.99	Peak
5	0.05	23.38	14.87	38.25	113.87	-75.62	Peak
6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



Site : Chamber A
 Condition : 3m
 Project Number: SZ1240312-12360E-RF
 Note : BT
 Tester : Anson Su

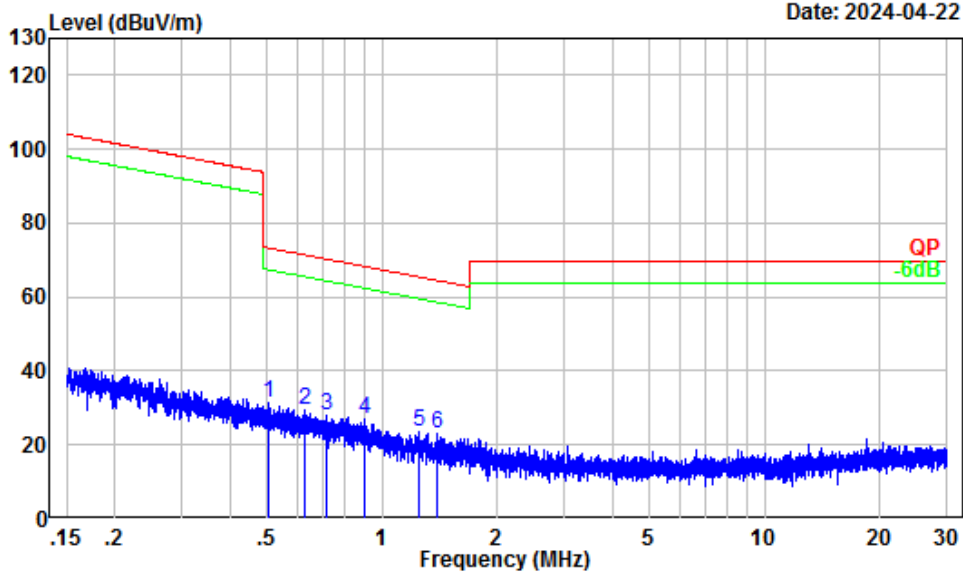
	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	0.55	2.90	27.11	30.01	72.80	-42.79	Peak
2	0.68	1.28	27.18	28.46	70.84	-42.38	Peak
3	0.83	-0.34	27.38	27.04	69.11	-42.07	Peak
4	1.17	-2.17	26.61	24.44	66.10	-41.66	Peak
5	1.39	-2.94	25.72	22.78	64.56	-41.78	Peak
6	1.77	-4.28	25.74	21.46	69.54	-48.08	Peak

For Adapter 2



Site : Chamber A
 Condition : 3m
 Project Number: SZ1240312-12360E-RF
 Note : BT
 Tester : Anson Su

	Freq	Factor	Read Level	Level	Limit	Over	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
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



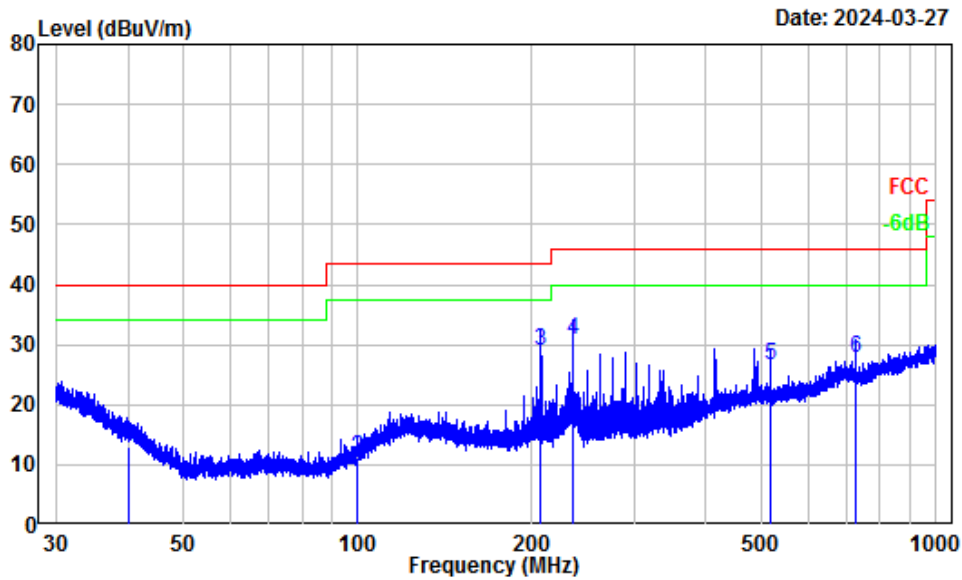
Site : Chamber A
 Condition : 3m
 Project Number: SZ1240312-12360E-RF
 Note : BT
 Tester : Anson Su

	Freq	Factor	Read Level	Limit Level	Over 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

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

For Adapter 1

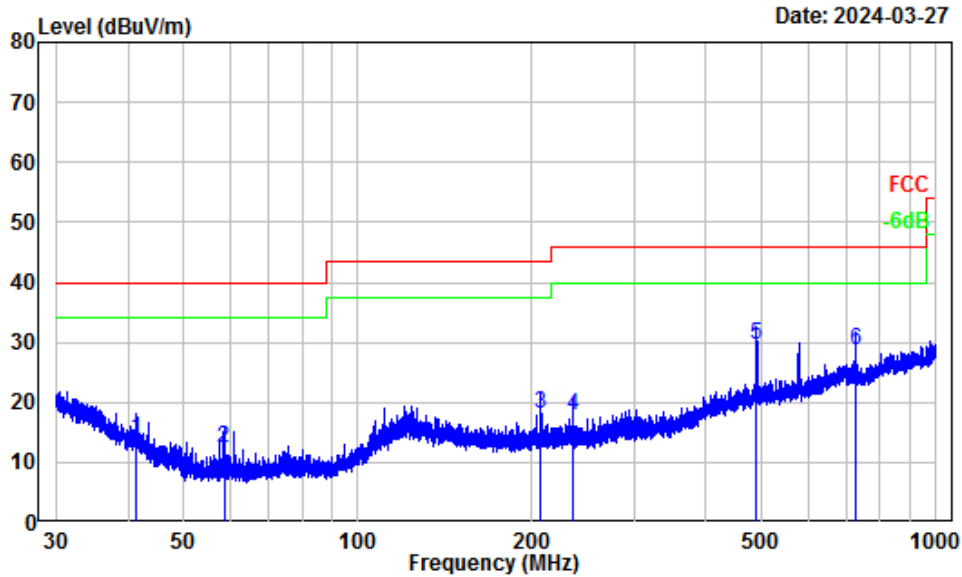
Horizontal



Site : Chamber A
 Condition : 3m Horizontal
 Project Number: SZ1240312-12360E-RF
 Note : BT
 Tester : Anson Su

	Freq Factor		Read Level		Limit Line	Over 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

Vertical

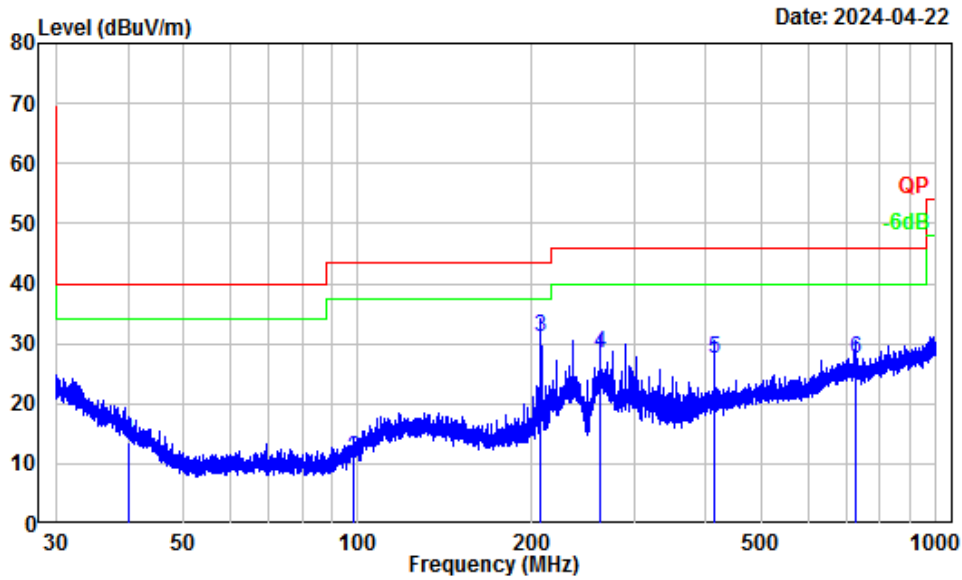


Site : Chamber A
 Condition : 3m Vertical
 Project Number: SZ1240312-12360E-RF
 Note : BT
 Tester : Anson Su

	Freq	Factor	Read Level	Level	Limit	Over	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

For Adapter 2

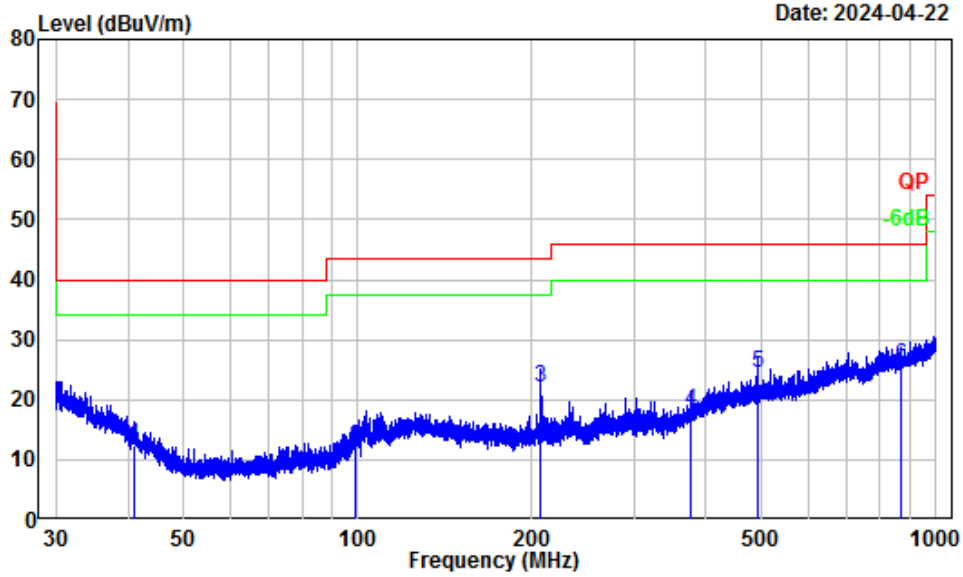
Horizontal



Site : Chamber A
 Condition : 3m Horizontal
 Project Number: SZ1240312-12360E-RF
 Note : BT
 Tester : Anson Su

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	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	QP

Vertical



Site : Chamber A
 Condition : 3m Vertical
 Project Number: SZ1240312-12360E-RF
 Note : BT
 Tester : Anson Su

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	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

Above 1GHz: worst case is adapter 2

Frequency (MHz)	Receiver		Polar (H/V)	Factor (dB/m)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	PK/Ave					
8DPSK							
Low Channel 2402MHz							
2322.08	53.36	PK	H	-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	H	1.69	47.35	74	-26.65
4804.00	45.92	PK	V	1.69	47.61	74	-26.39
Middle Channel 2441MHz							
4882.00	45.74	PK	H	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	H	-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	H	2.68	48.94	74	-25.06
4960.00	45.87	PK	V	2.68	48.55	74	-25.45

Note: Corrected Amplitude= Reading+ Factor

Factor = Antenna Factor + Cable Loss - Amplifier Gain

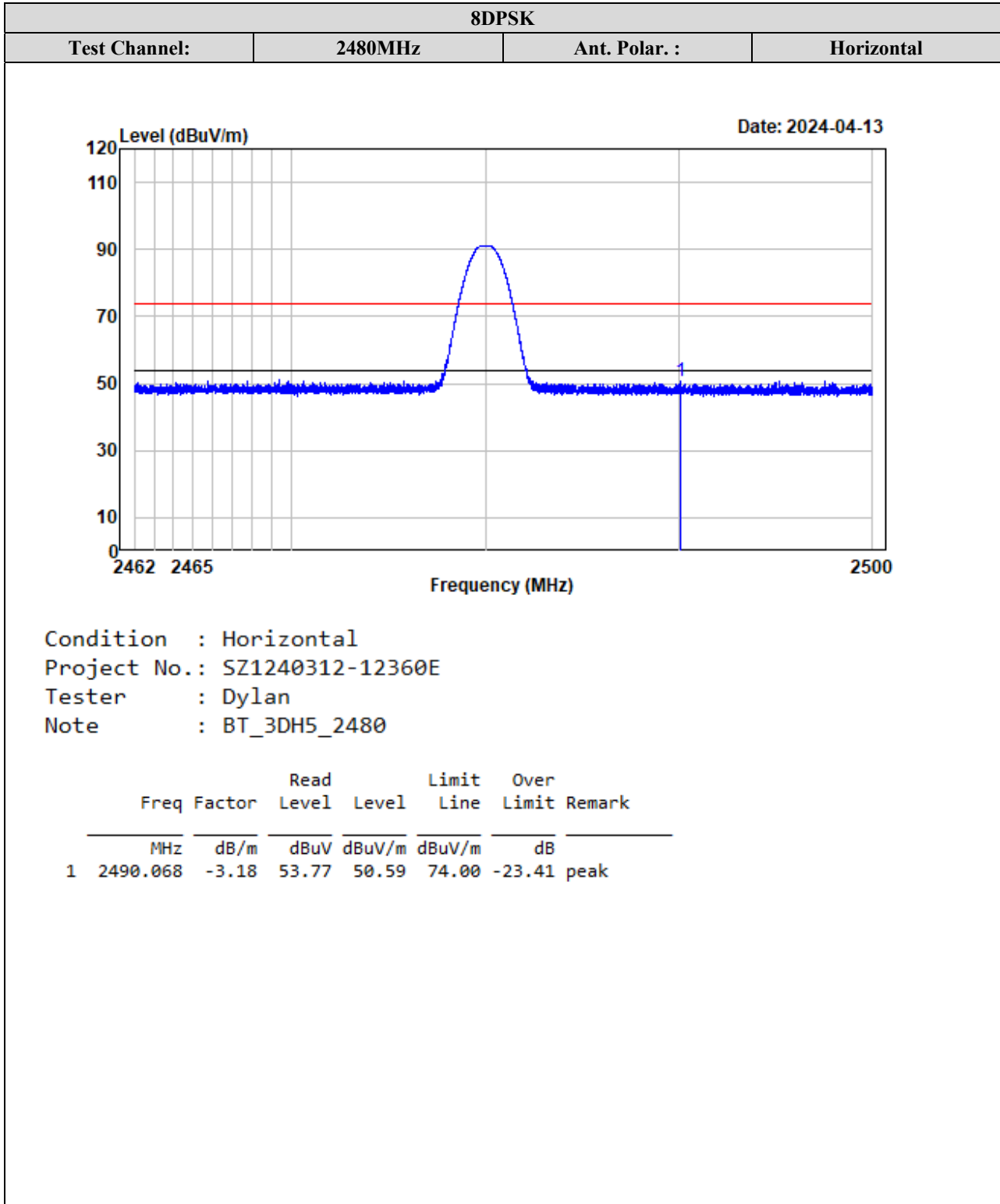
Margin= Corrected Amplitude – Limit

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

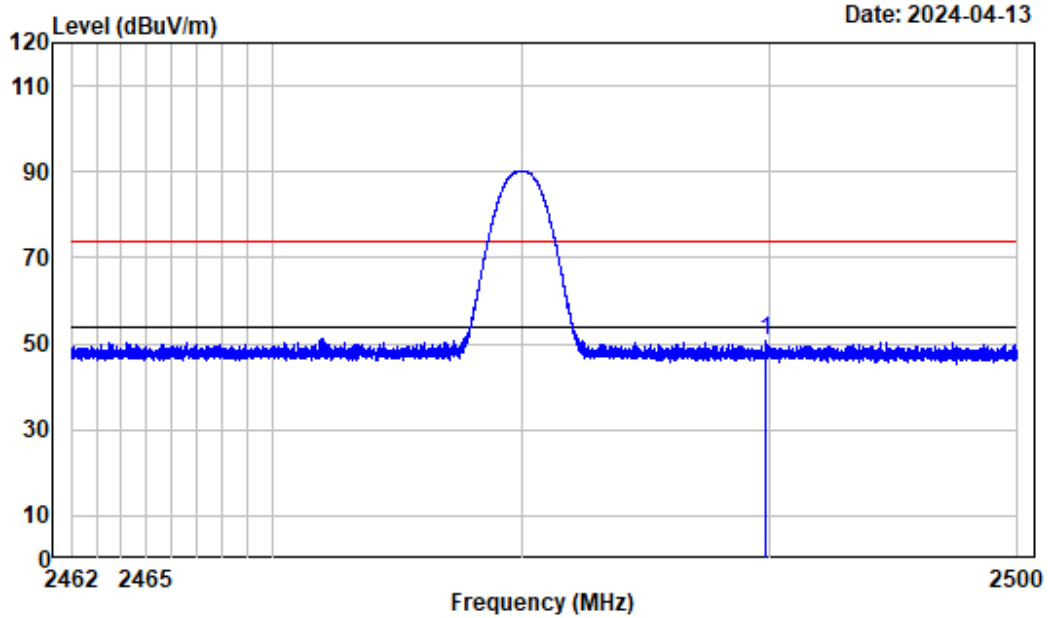
All emissions under the average limit and under the noise floor have not recorded in the report.

Test plots for example as below:

Band Edge Measurements (Radiated):



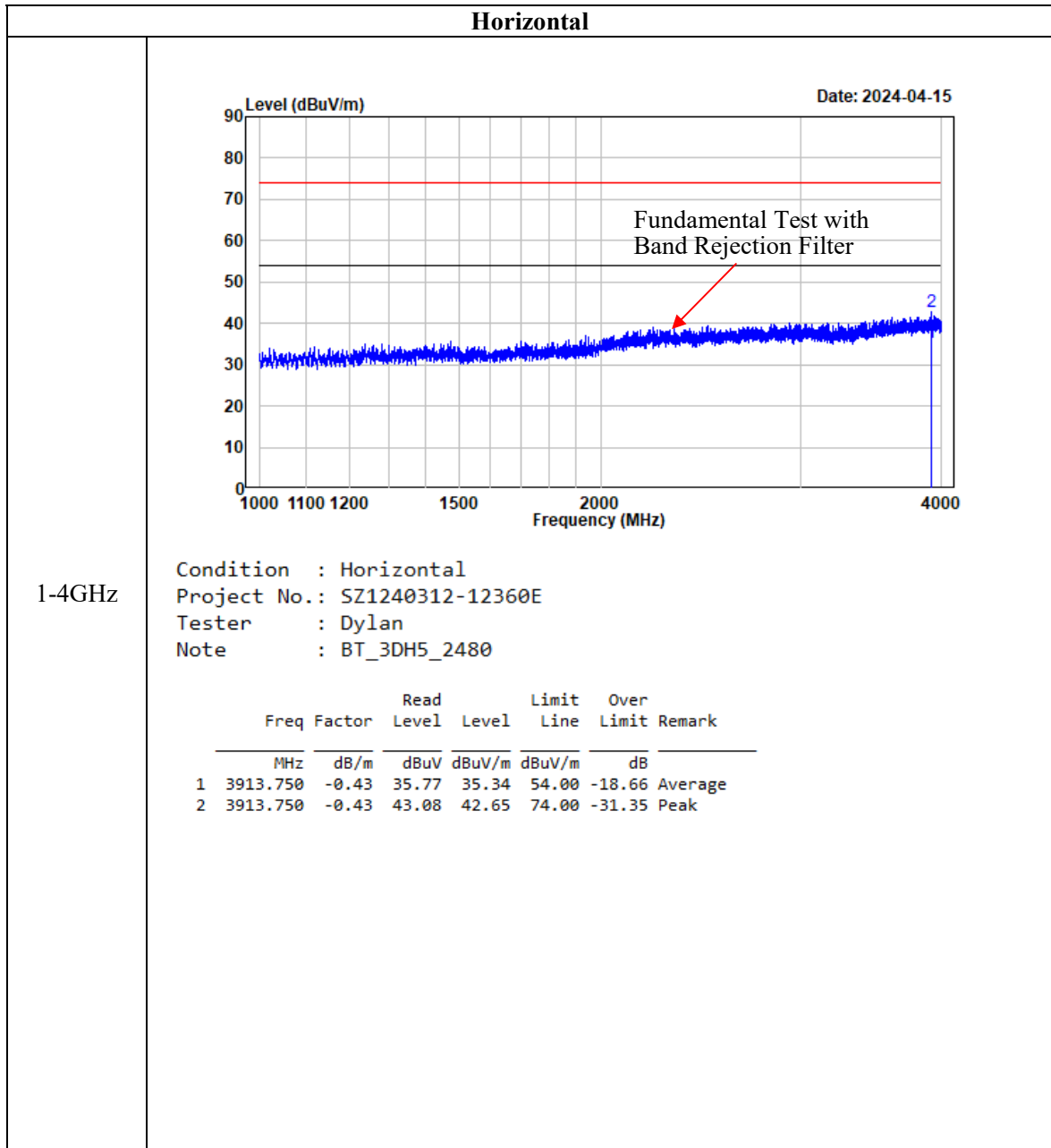
8DPSK			
Test Channel:	2480MHz	Ant. Polar. :	Vertical



Condition : Vertical
 Project No.: SZ1240312-12360E
 Tester : Dylan
 Note : BT_3DH5_2480

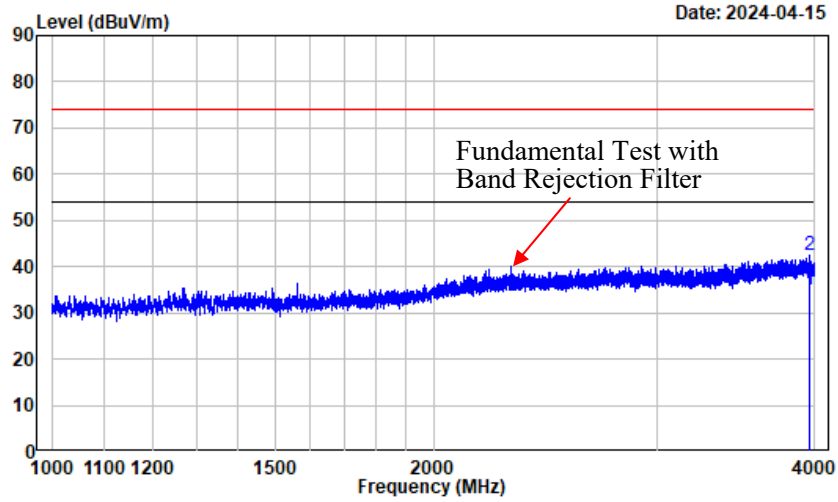
	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	2489.854	-3.18	53.70	50.52	74.00	-23.48	peak

Harmonic Measurements:



Vertical

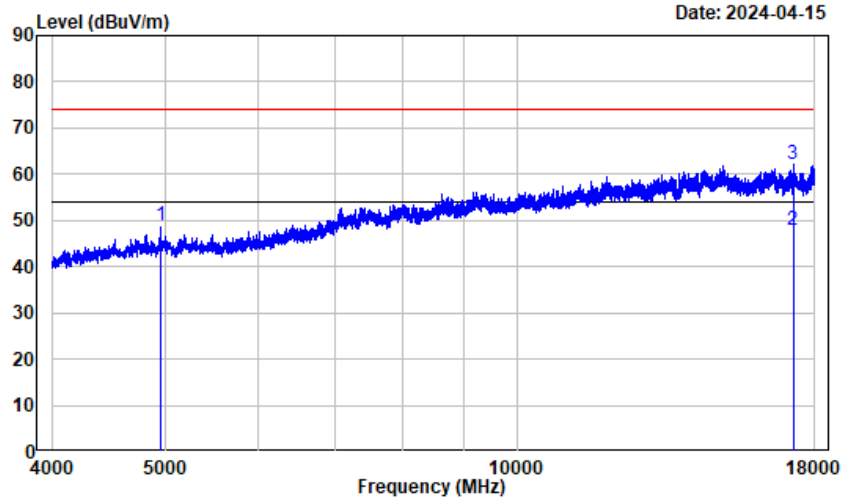
1-4GHz



Condition : Vertical
 Project No.: SZ1240312-12360E
 Tester : Dylan
 Note : BT_3DH5_2480

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	3967.000	-0.18	35.29	35.11	54.00	-18.89	Average
2	3967.000	-0.18	42.51	42.33	74.00	-31.67	Peak

Horizontal

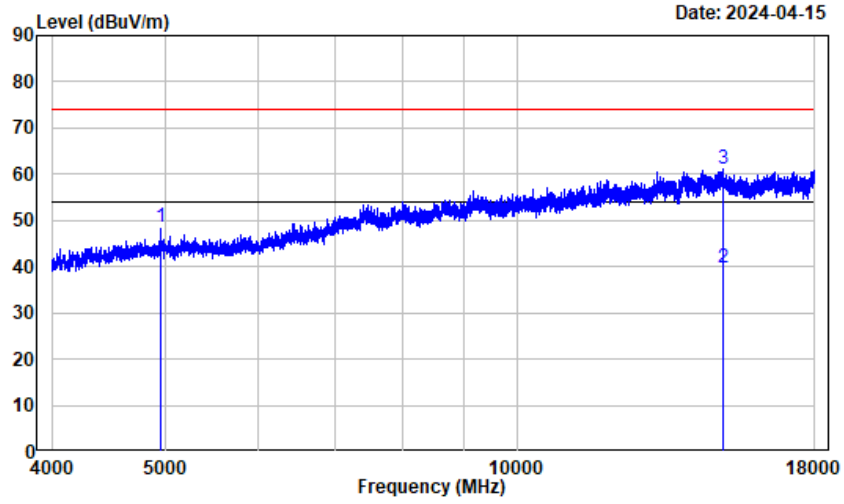


4-18GHz

Condition : Horizontal
 Project No.: SZ1240312-12360E
 Tester : Dylan
 Note : BT_3DH5_2480

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	4960.000	2.68	46.26	48.94	74.00	-25.06	Peak
2	17247.500	18.96	28.79	47.75	54.00	-6.25	average
3	17247.500	18.96	43.22	62.18	74.00	-11.82	peak

Vertical



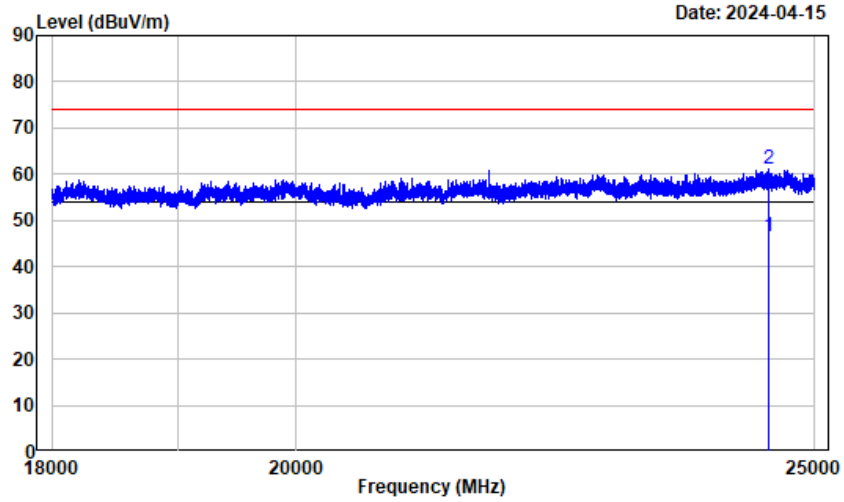
4-18GHz

Condition : Vertical
 Project No.: SZ1240312-12360E
 Tester : Dylan
 Note : BT_3DH5_2480

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	4960.000	2.68	45.87	48.55	74.00	-25.45	Peak
2	15007.500	16.29	23.45	39.74	54.00	-14.26	average
3	15007.500	16.29	44.87	61.16	74.00	-12.84	peak

Horizontal

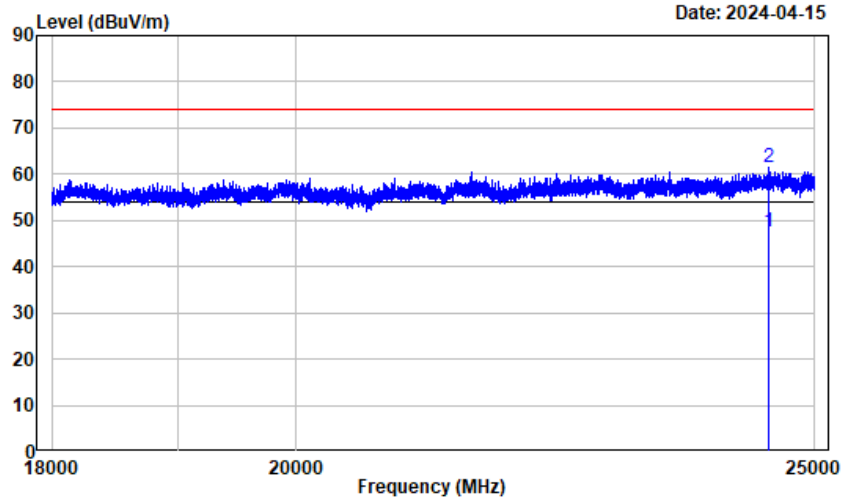
18-25GHz



Condition : Horizontal
 Project No.: SZ1240312-12360E
 Tester : Dylan
 Note : BT_3DH5_2480

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	24505.630	18.99	27.68	46.67	54.00	-7.33	Average
2	24505.630	18.99	42.01	61.00	74.00	-13.00	peak

Vertical



18-25GHz

Condition : Vertical
 Project No.: SZ1240312-12360E
 Tester : Dylan
 Note : BT_3DH5_2480

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	24510.000	18.98	28.52	47.50	54.00	-6.50	Average
2	24510.000	18.98	42.41	61.39	74.00	-12.61	peak

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

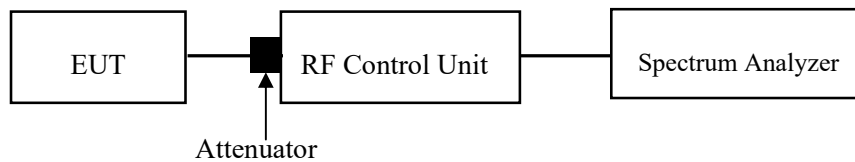
Applicable Standard

Frequency hopping systems shall have hopping 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.

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.

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

Applicable Standard

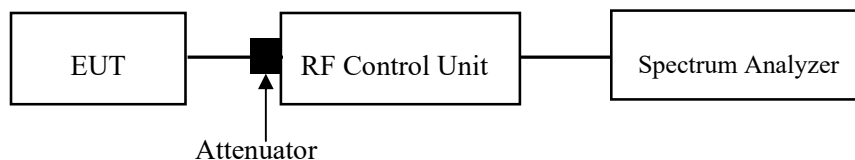
Alternatively, frequency hopping systems operating in the 2400–2483.5 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater, provided the systems operate with an output power no greater than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

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.

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

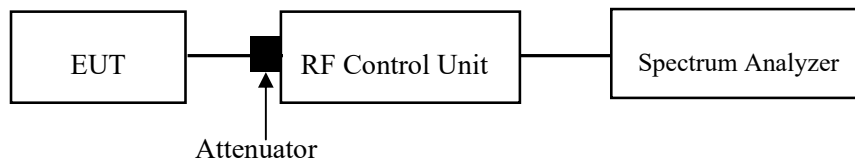
Applicable Standard

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.

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.

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

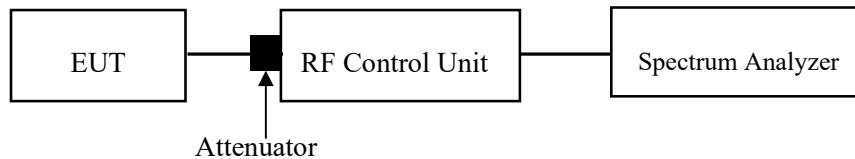
Applicable Standard

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.

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 $\geq 3 \times$ 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

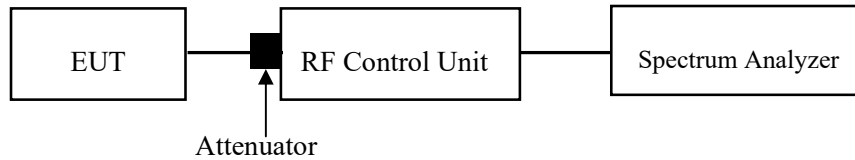
Applicable Standard

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.

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.

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

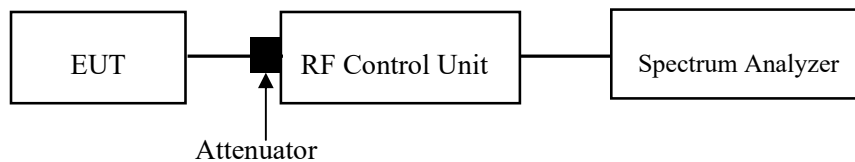
Applicable Standard

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)).

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.

EUT PHOTOGRAPHS

Please refer to the attachment SZ1240312-12360E-RF External photo and SZ1240312-12360E-RF Internal photo.

TEST SETUP PHOTOGRAPHS

Please refer to the attachment SZ1240312-12360E-RF Test Setup photo.

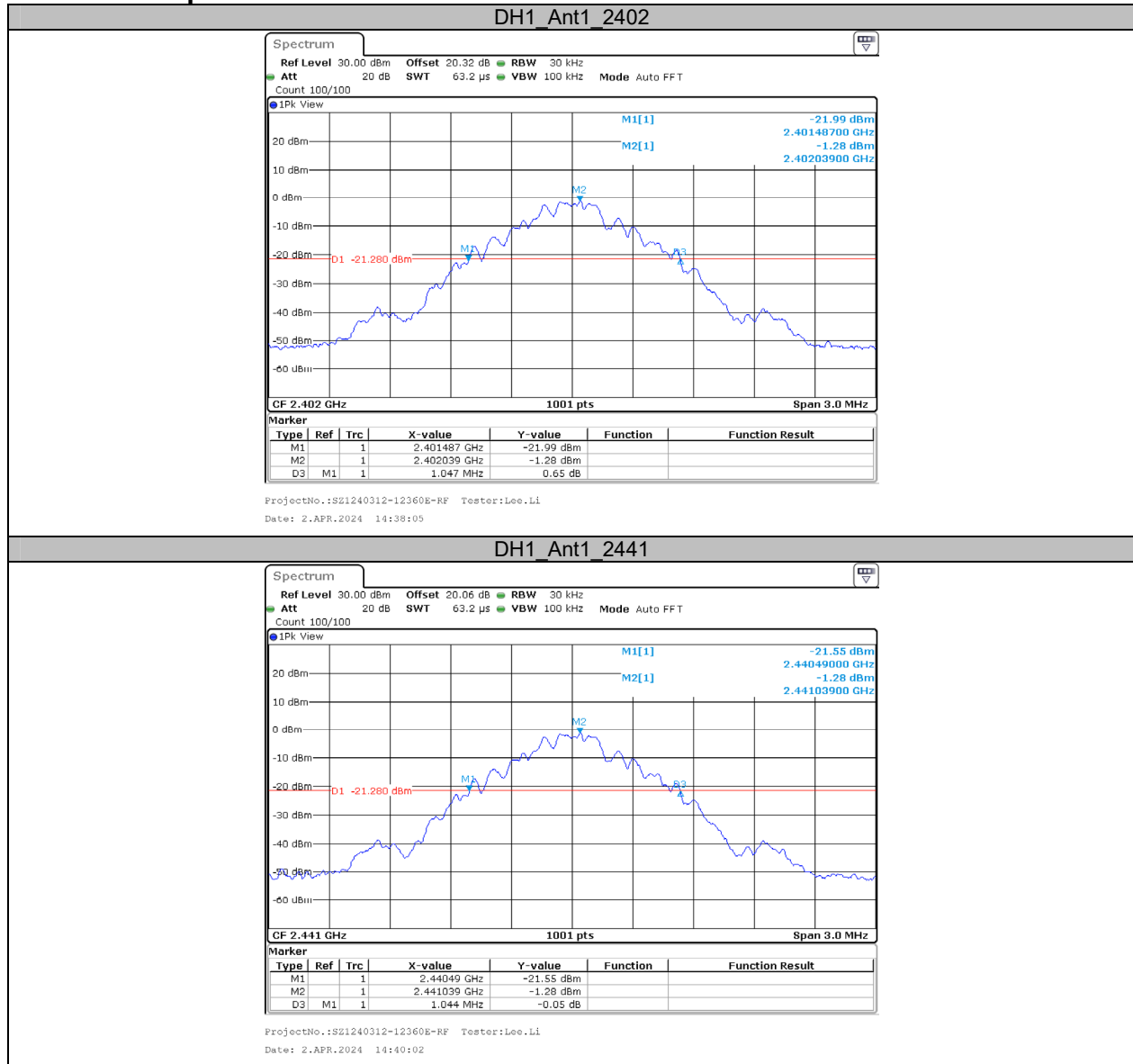
APPENDIX

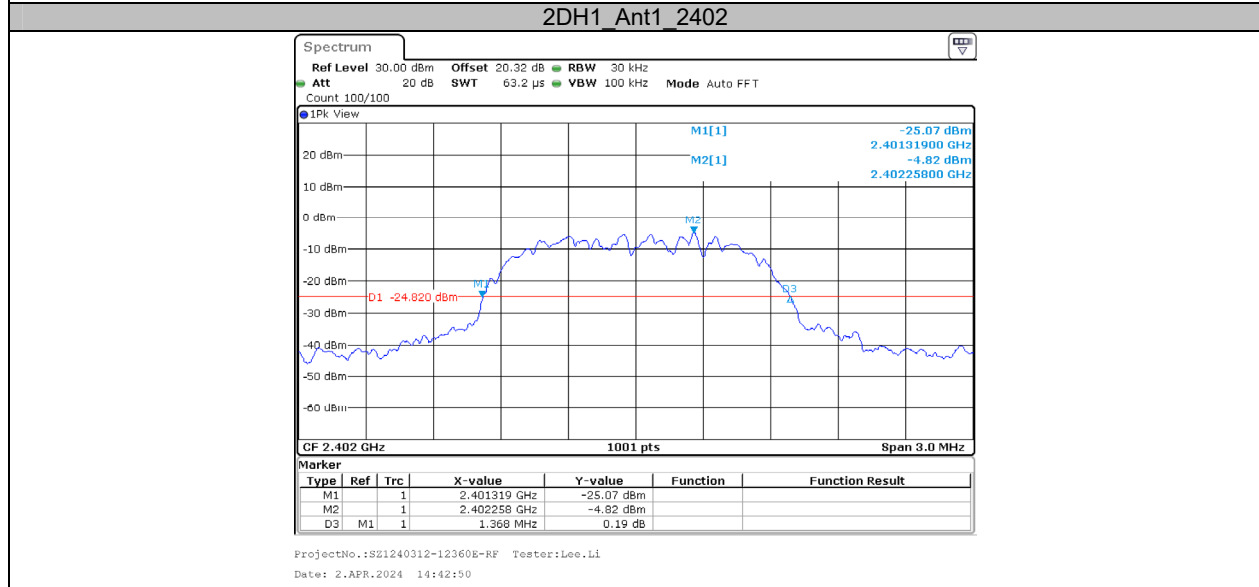
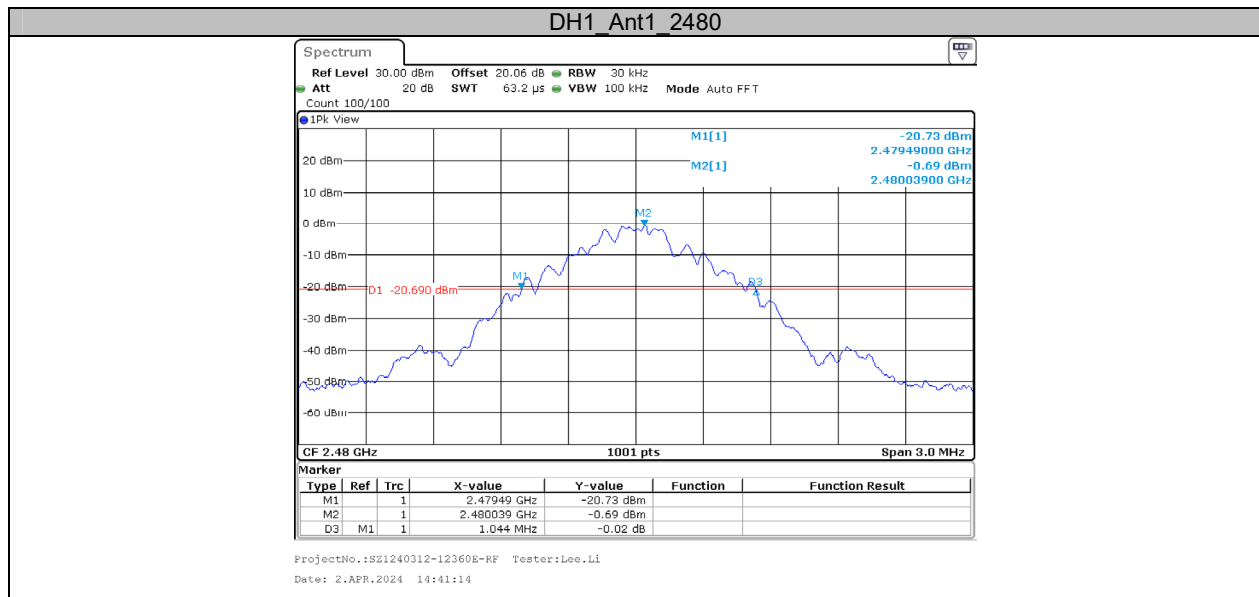
Appendix A: 20dB Emission Bandwidth

Test Result

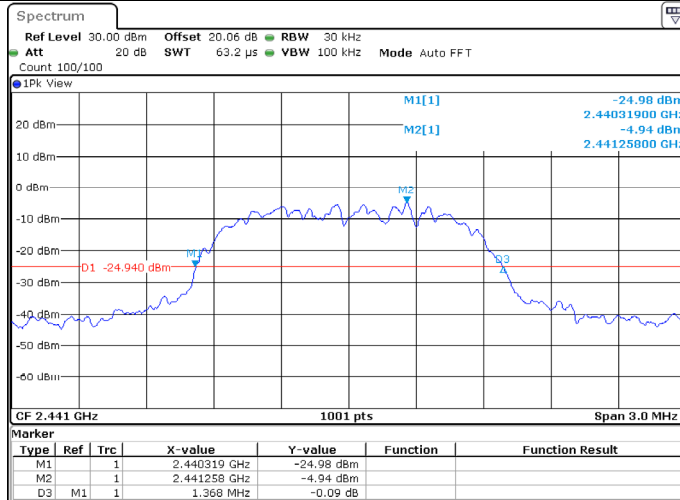
Test Mode	Antenna	Frequency[MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH1	Ant1	2402	1.05	2401.49	2402.53	---	---
		2441	1.04	2440.49	2441.53	---	---
		2480	1.04	2479.49	2480.53	---	---
2DH1	Ant1	2402	1.37	2401.32	2402.69	---	---
		2441	1.37	2440.32	2441.69	---	---
		2480	1.37	2479.32	2480.69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

Test Graphs



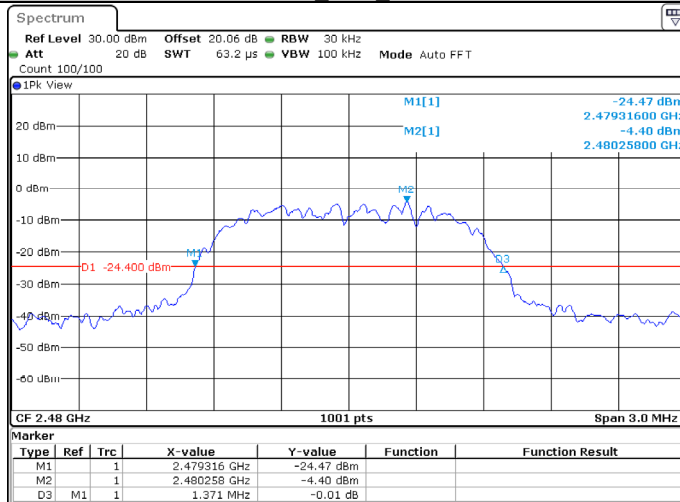


2DH1_Ant1_2441

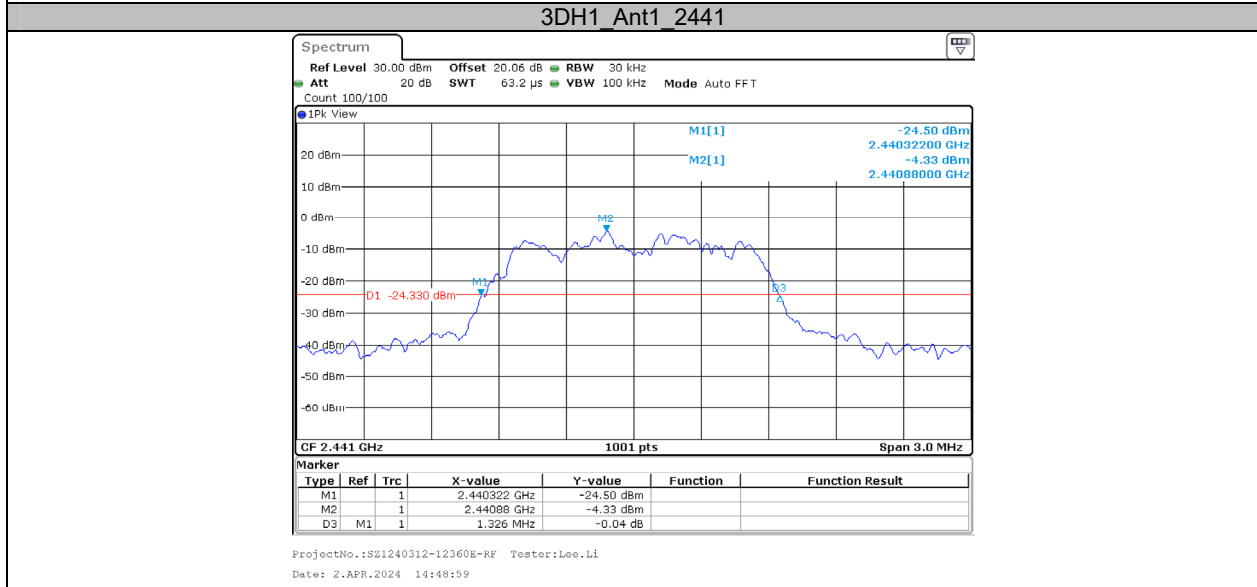
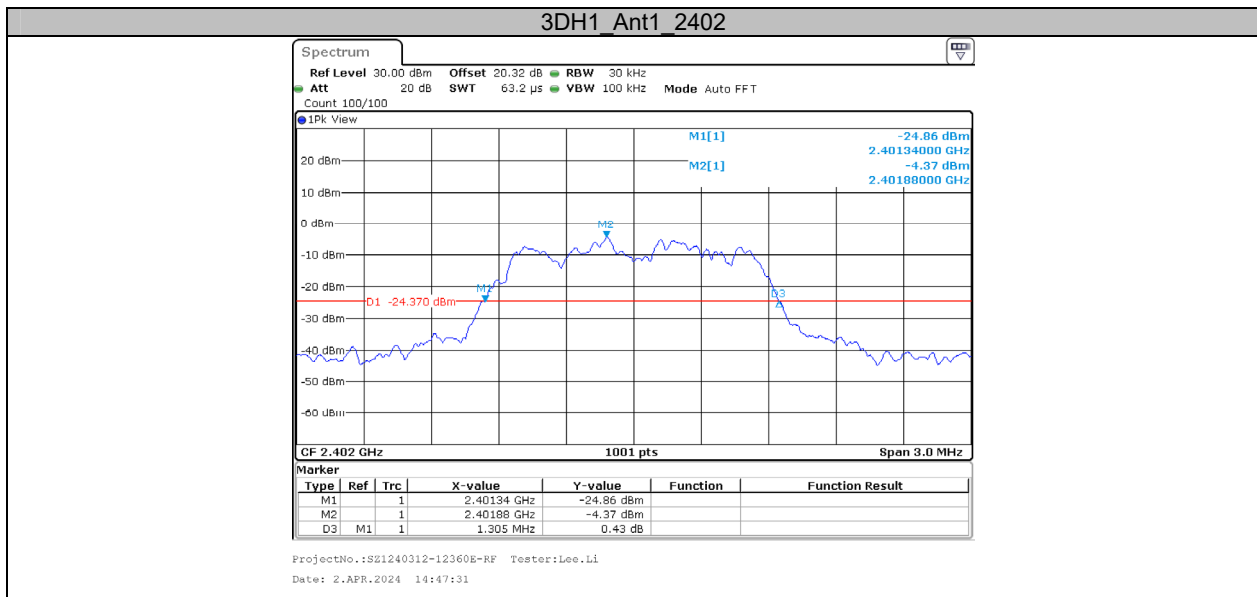


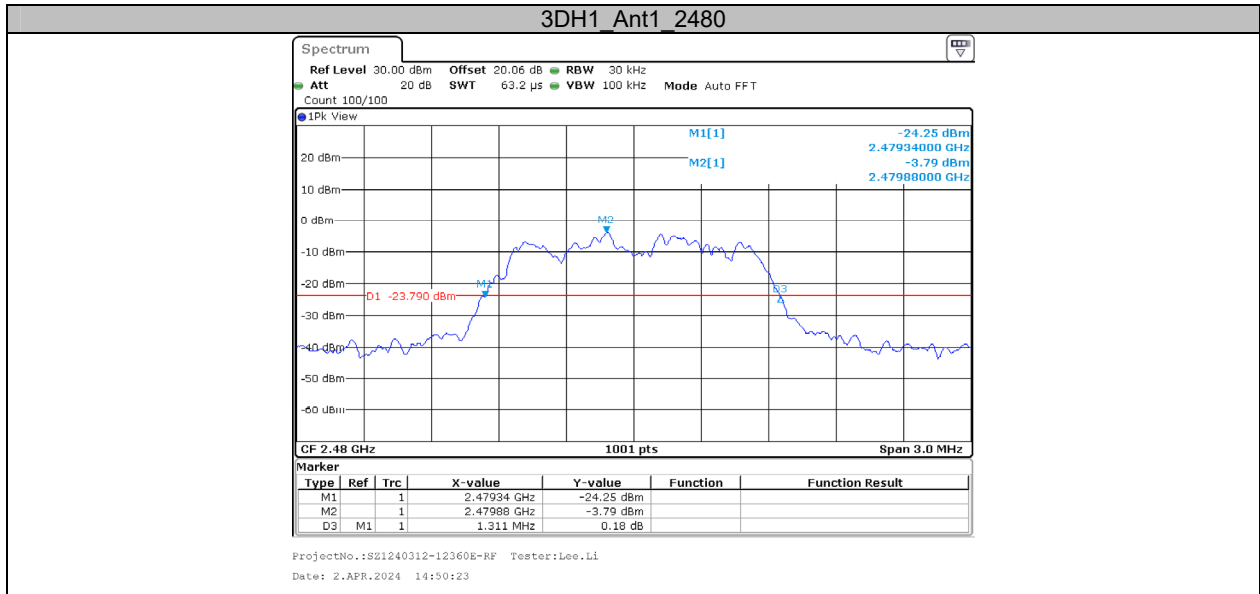
ProjectNo.:SZ1240312-12360E-RF Tester:Lee.Li
 Date: 2.APR.2024 14:44:19

2DH1_Ant1_2480



ProjectNo.:SZ1240312-12360E-RF Tester:Lee.Li
 Date: 2.APR.2024 14:45:20

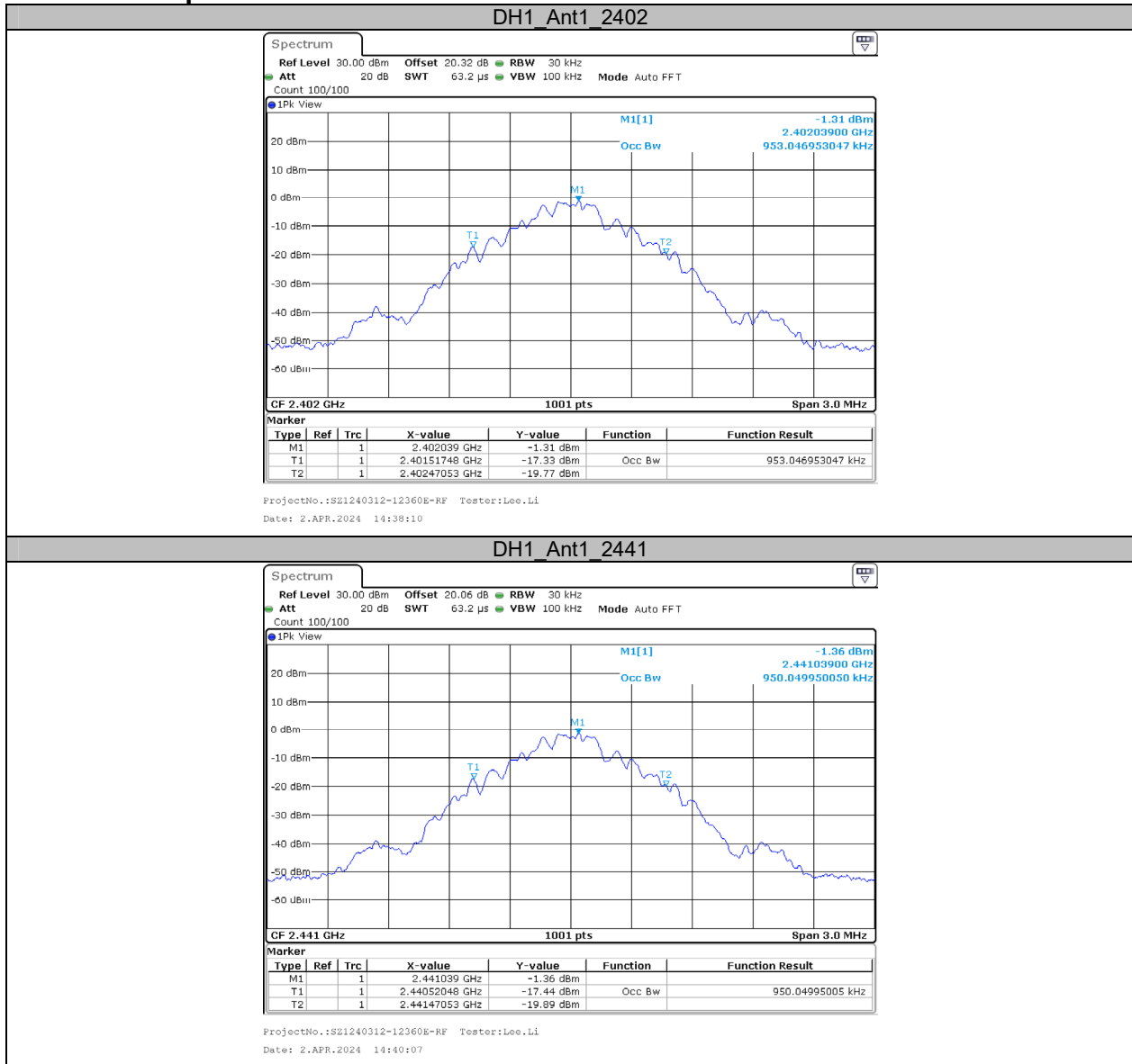


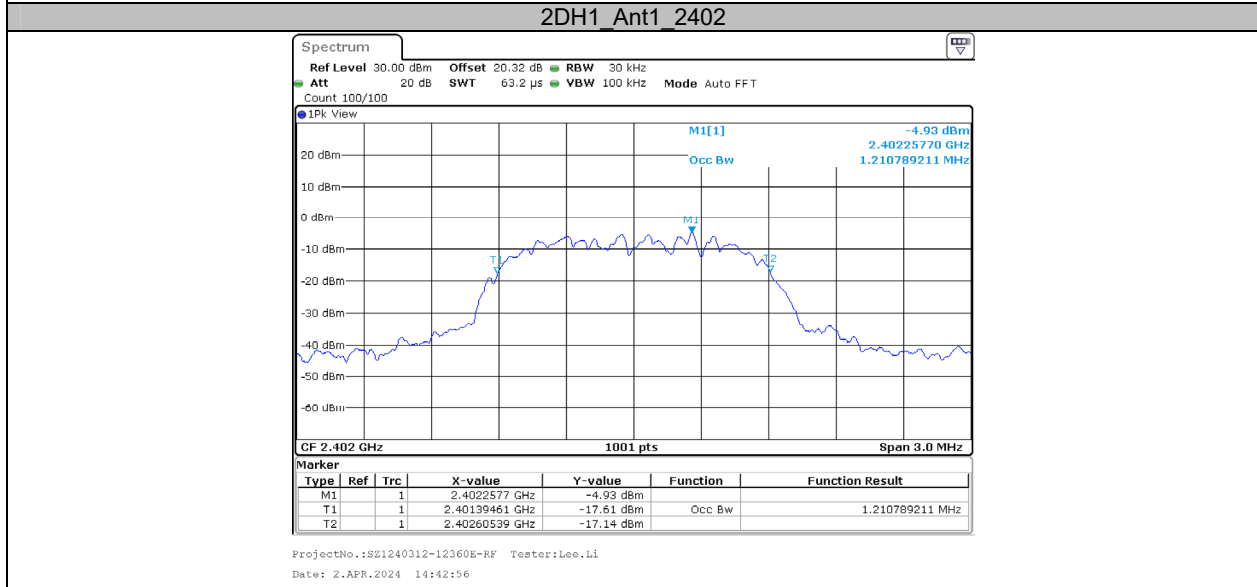
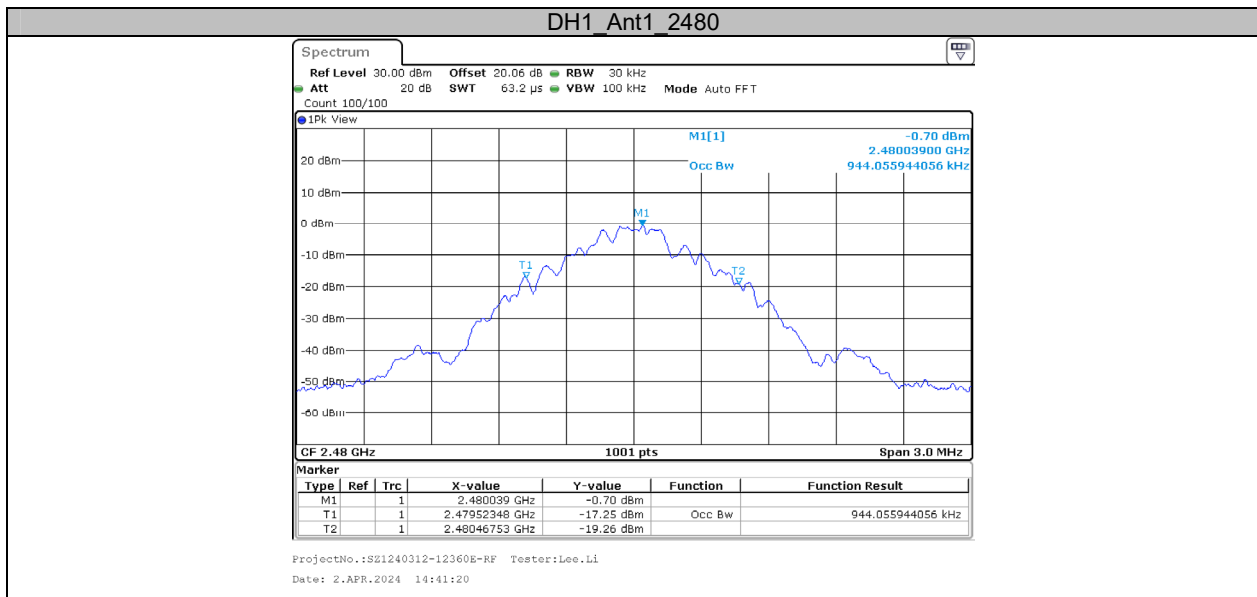


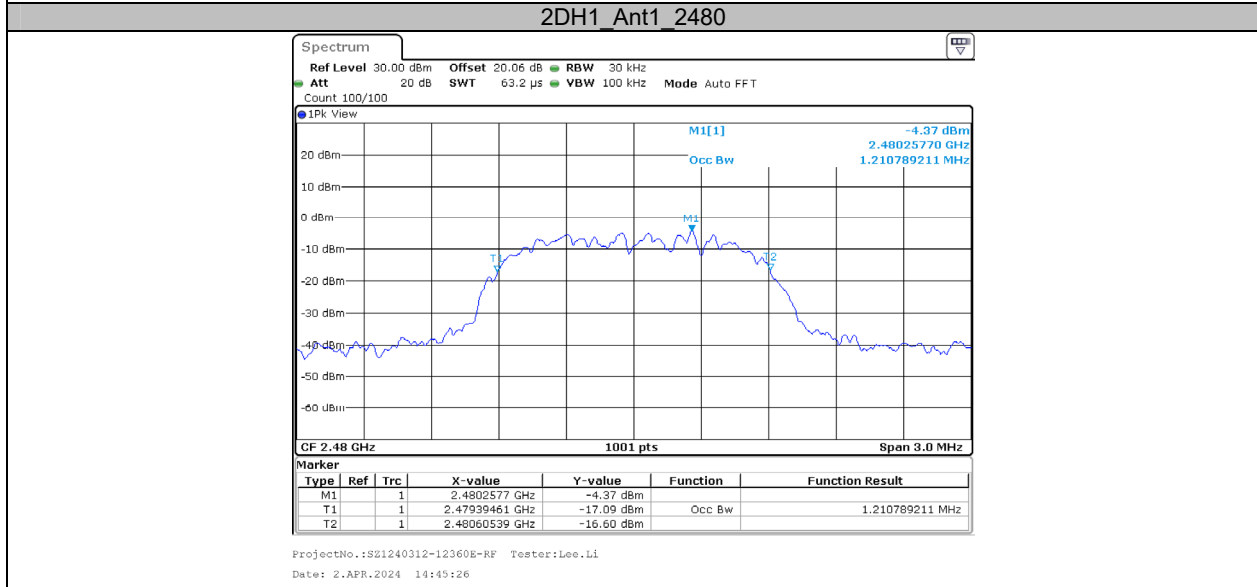
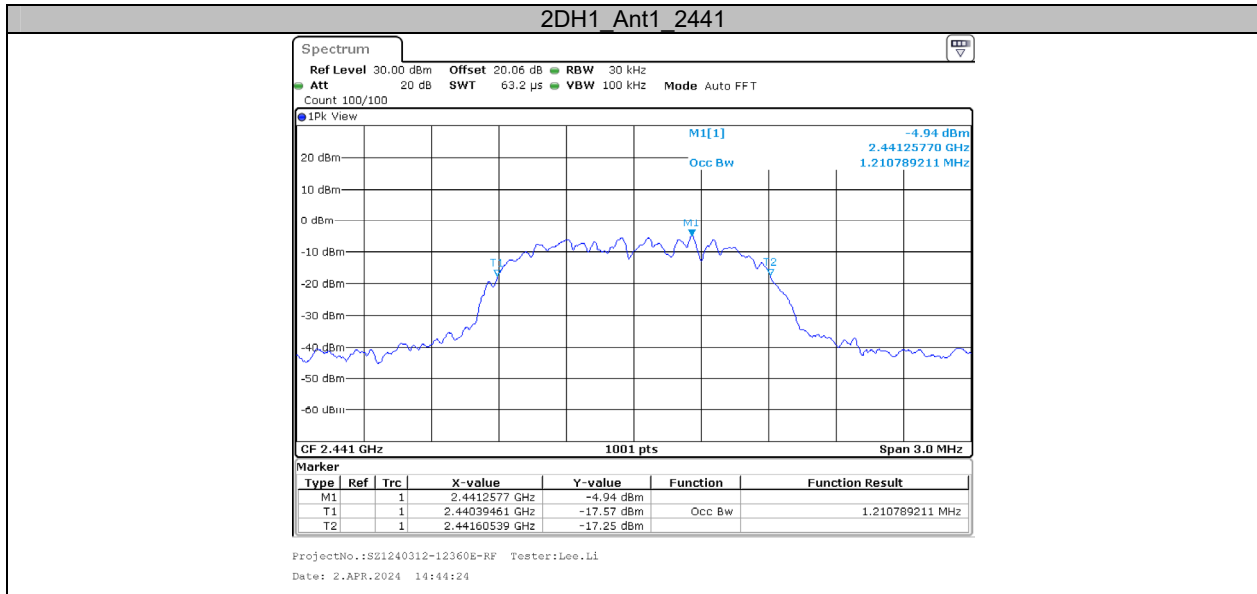
Appendix B: Occupied Channel Bandwidth**Test Result**

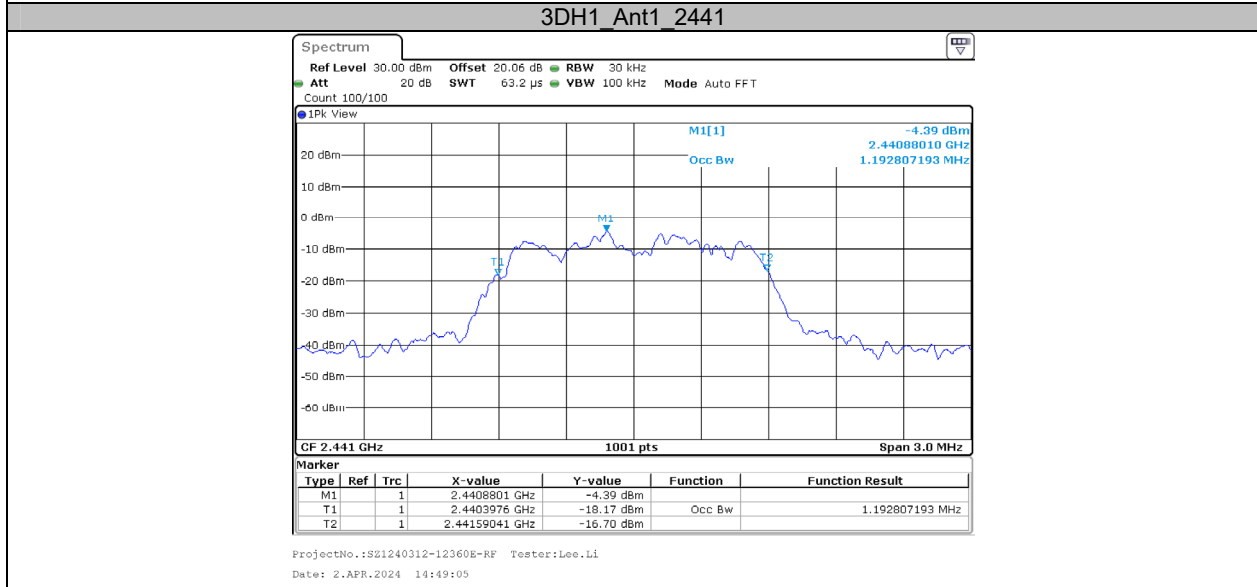
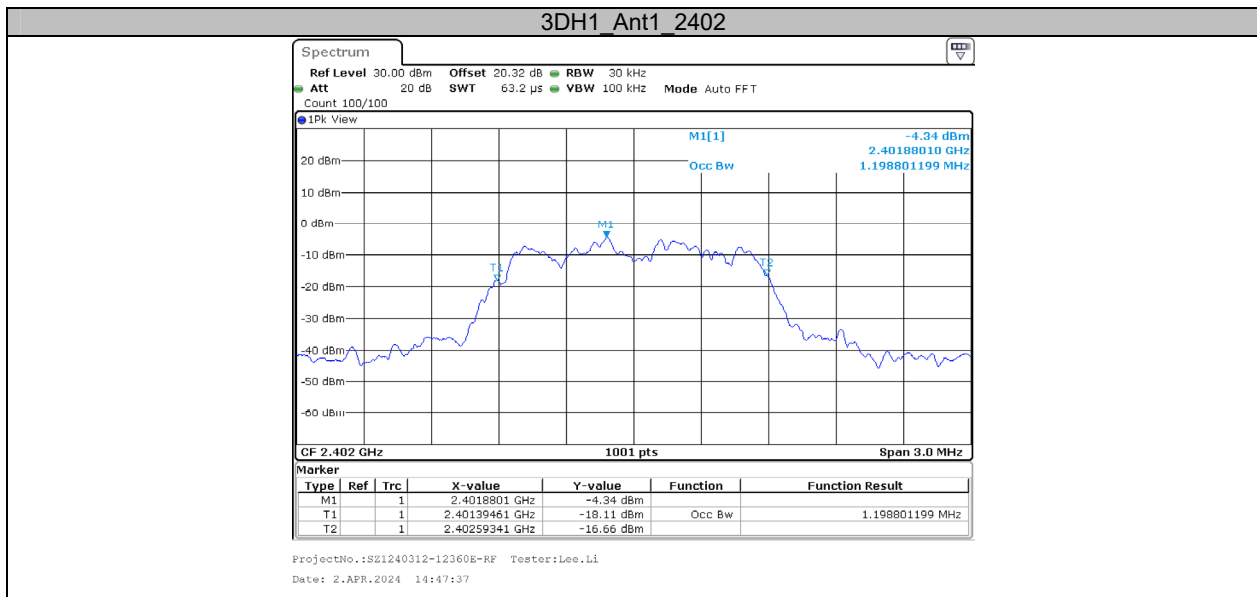
Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH1	Ant1	2402	0.953	2401.5175	2402.4705	---	---
		2441	0.950	2440.5205	2441.4705	---	---
		2480	0.944	2479.5235	2480.4675	---	---
2DH1	Ant1	2402	1.211	2401.3946	2402.6054	---	---
		2441	1.211	2440.3946	2441.6054	---	---
		2480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

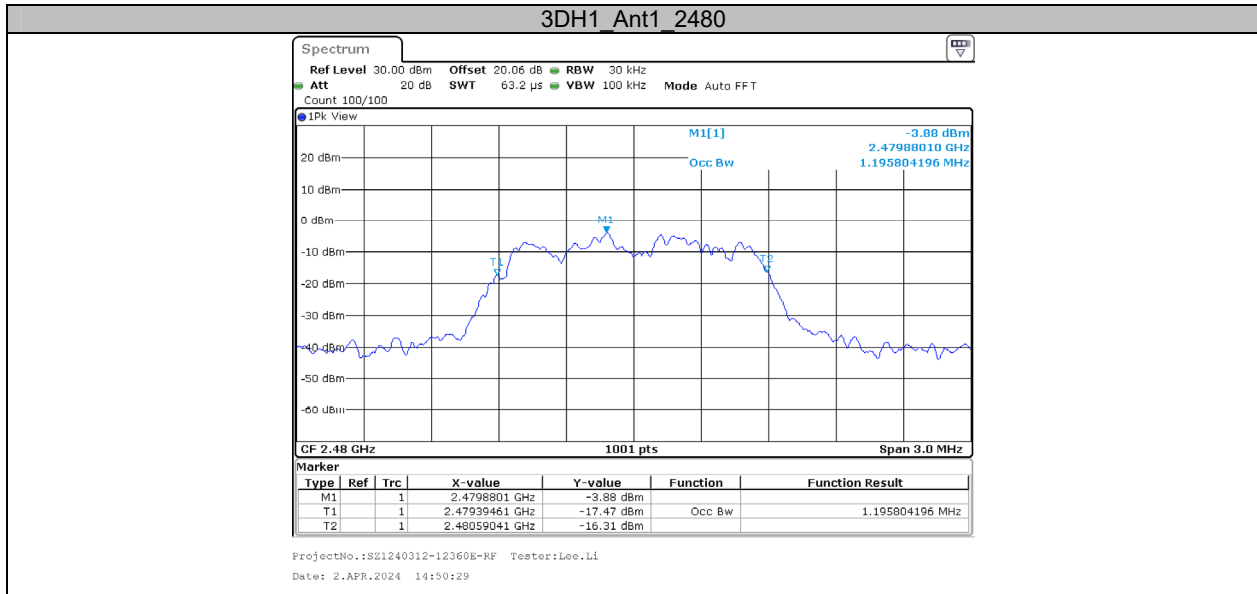
Test Graphs







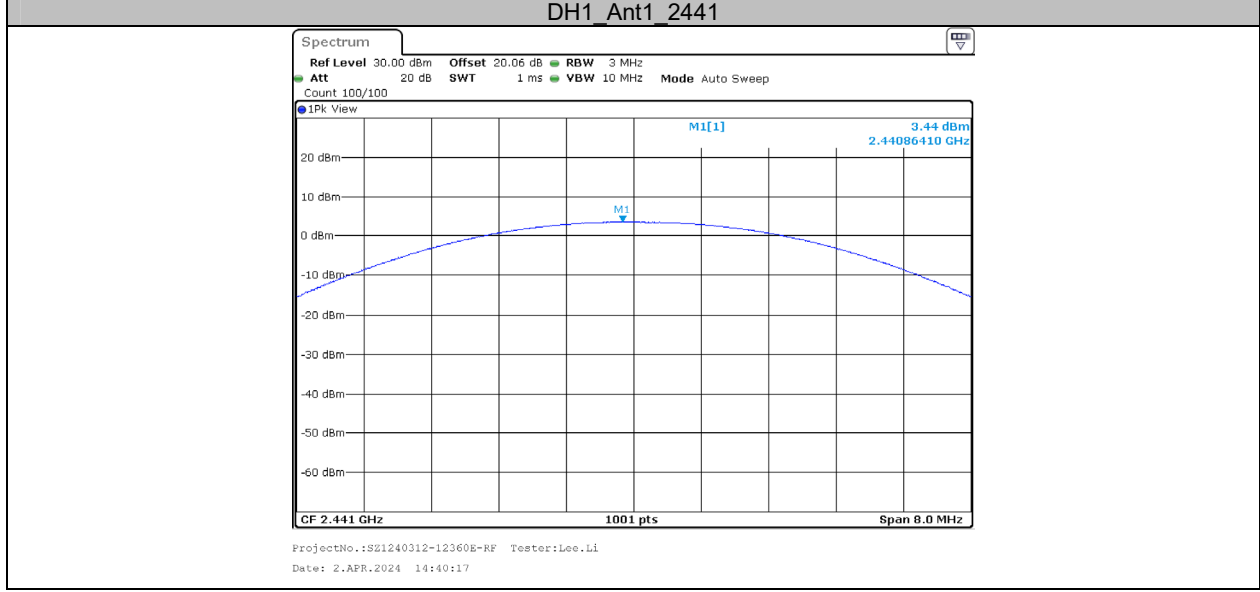
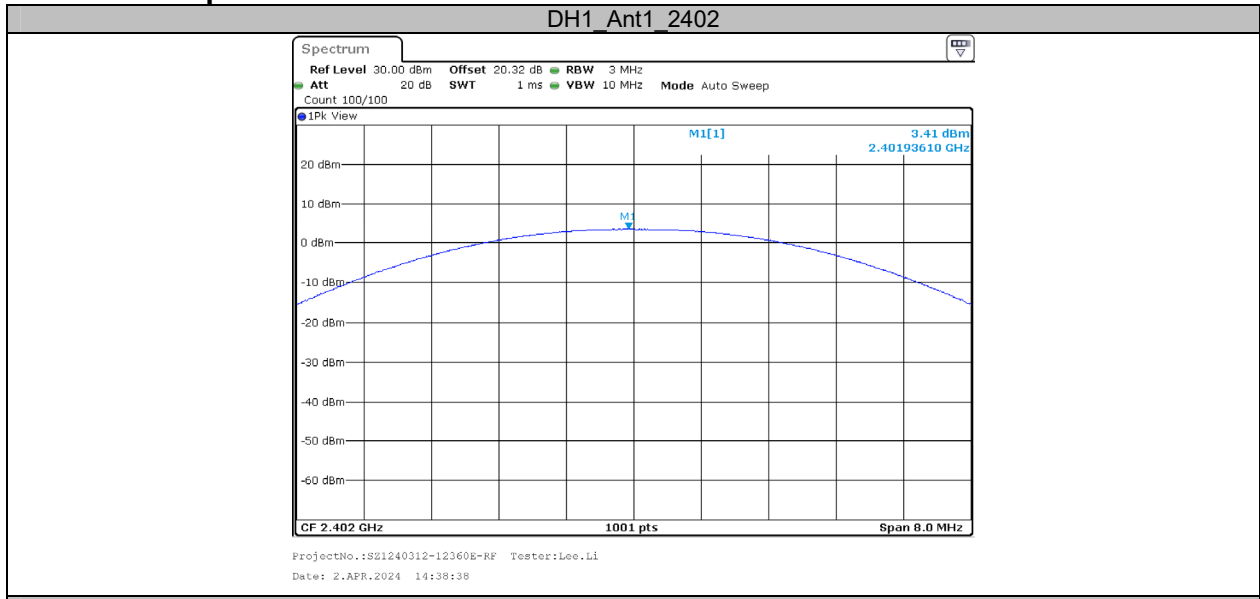


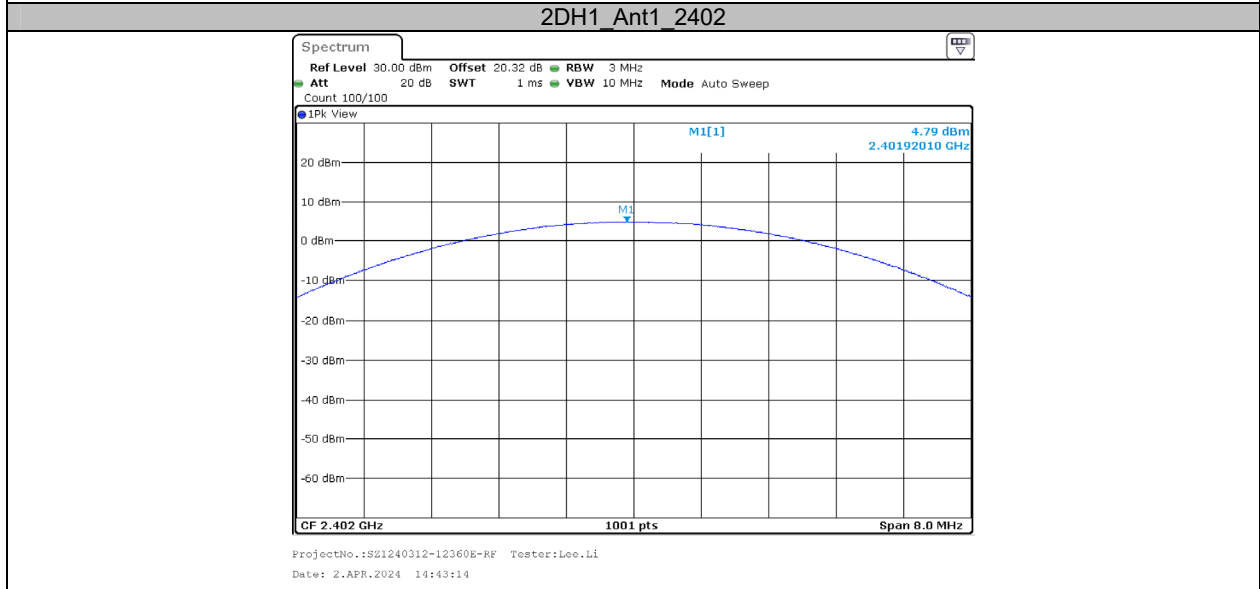
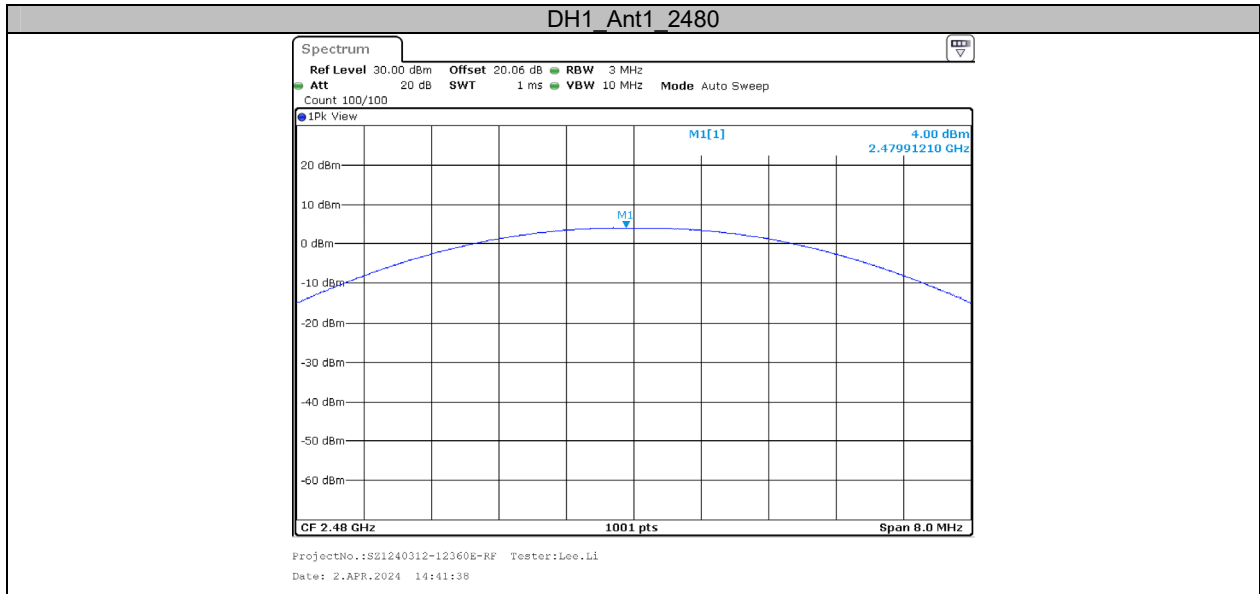


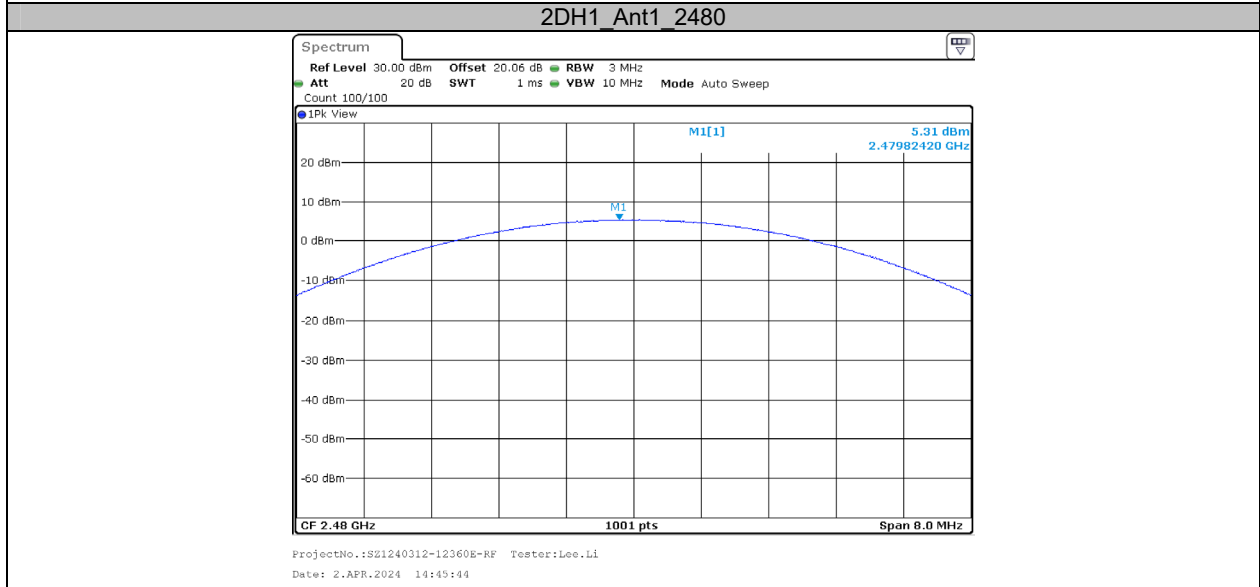
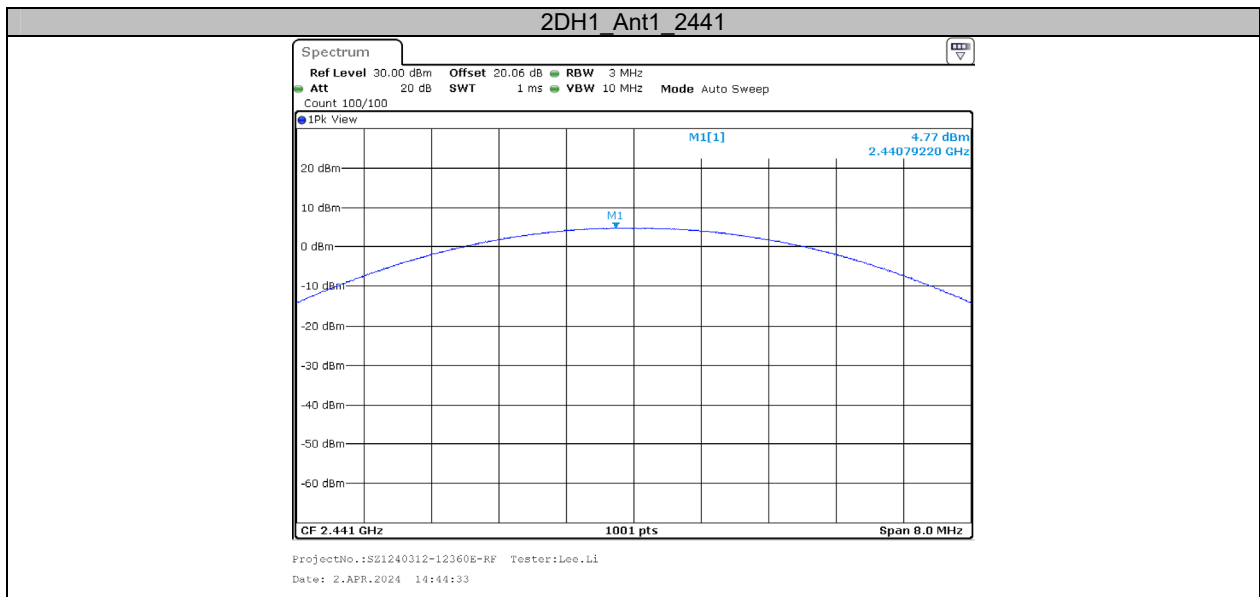
Appendix C: Maximum conducted output power**Test Result**

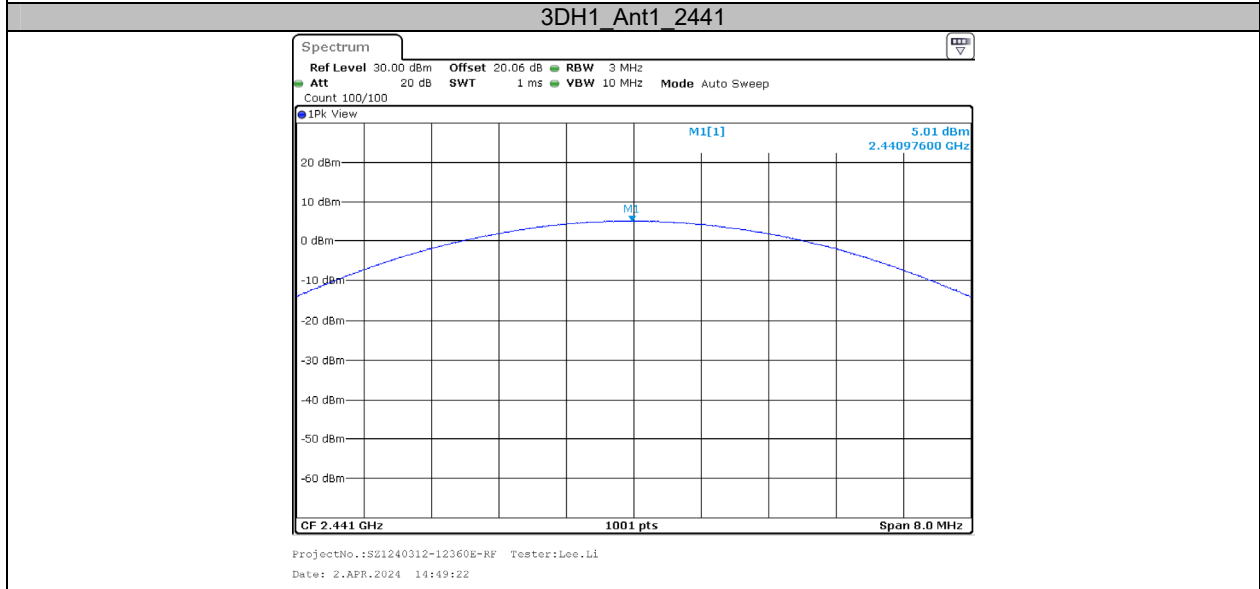
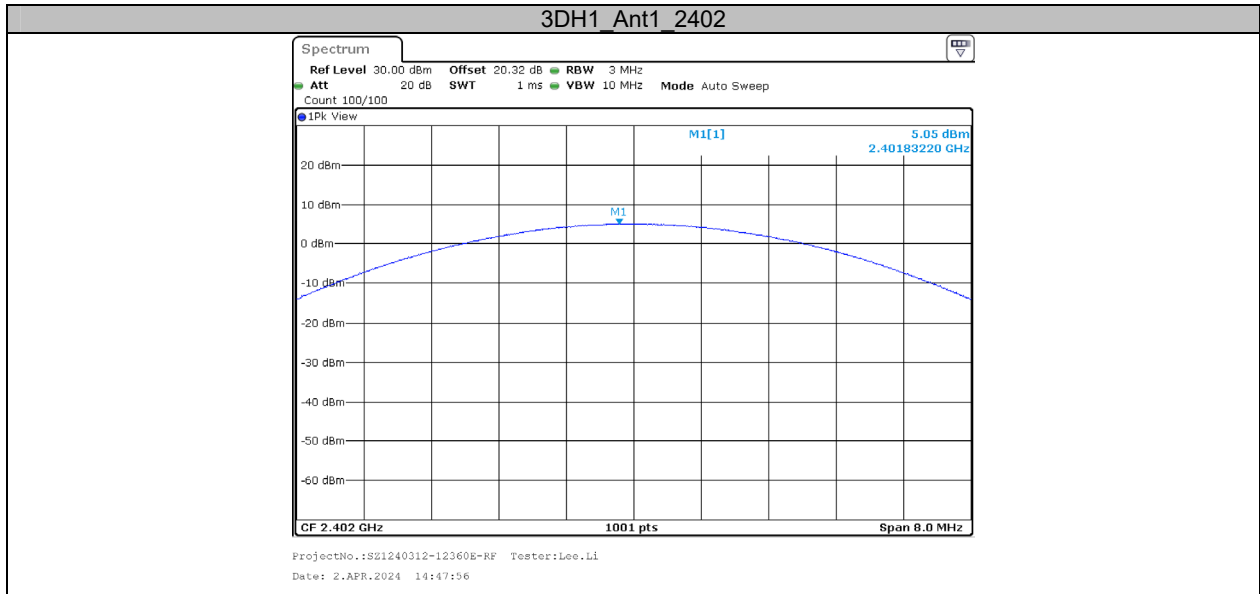
Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power [dBm]	Conducted Limit[dBm]	Verdict
DH1	Ant1	2402	3.41	≤20.97	PASS
		2441	3.44	≤20.97	PASS
		2480	4.00	≤20.97	PASS
2DH1	Ant1	2402	4.79	≤20.97	PASS
		2441	4.77	≤20.97	PASS
		2480	5.31	≤20.97	PASS
3DH1	Ant1	2402	5.05	≤20.97	PASS
		2441	5.01	≤20.97	PASS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

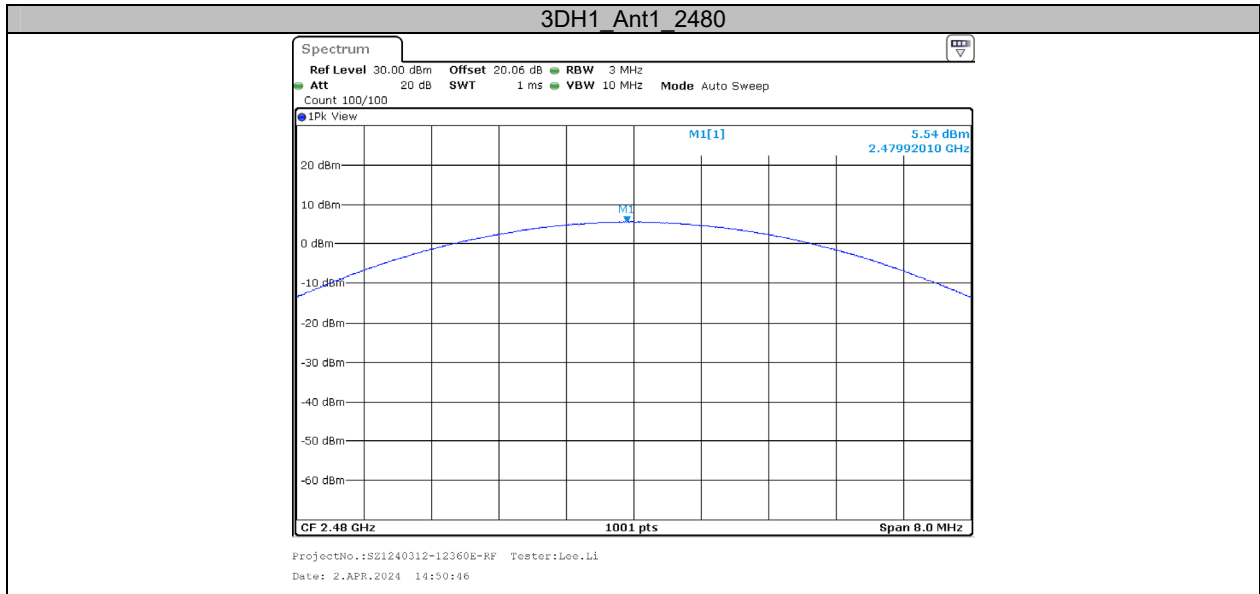
Test Graphs











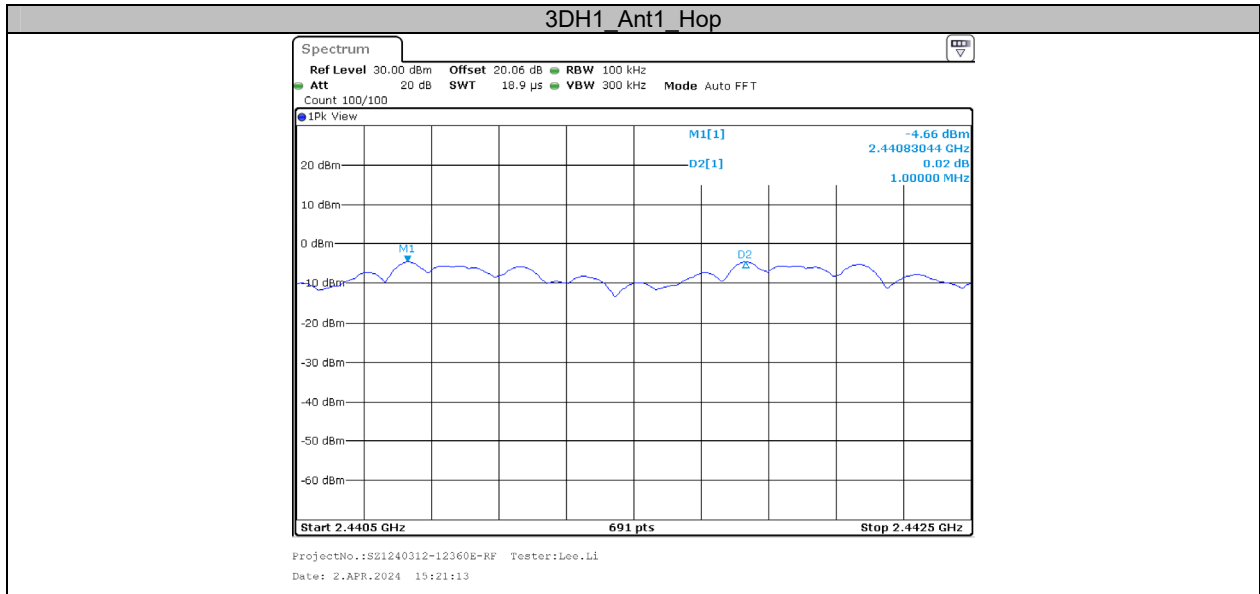
Appendix D: Carrier frequency separation

Test Result

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

Test Graphs

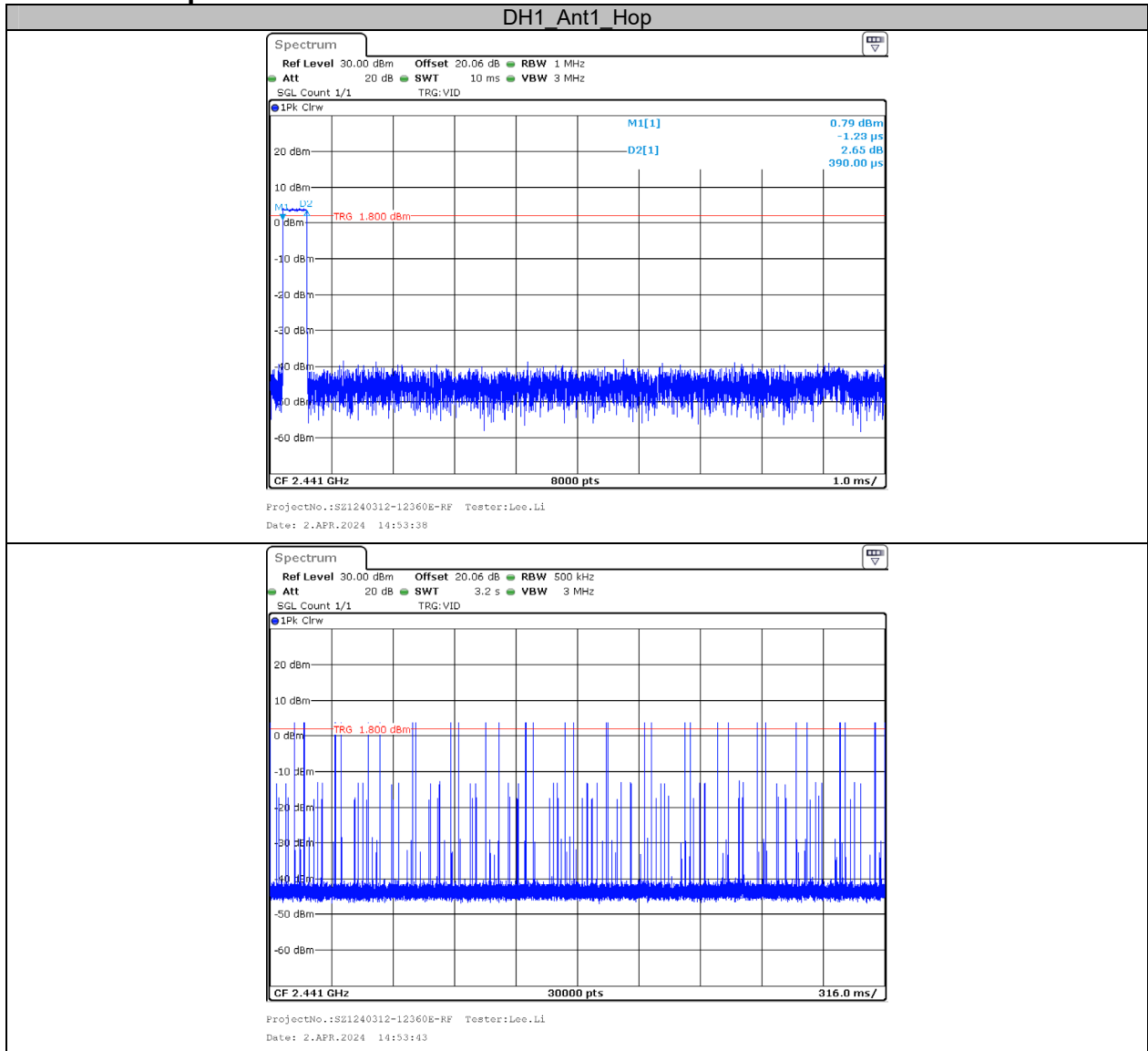


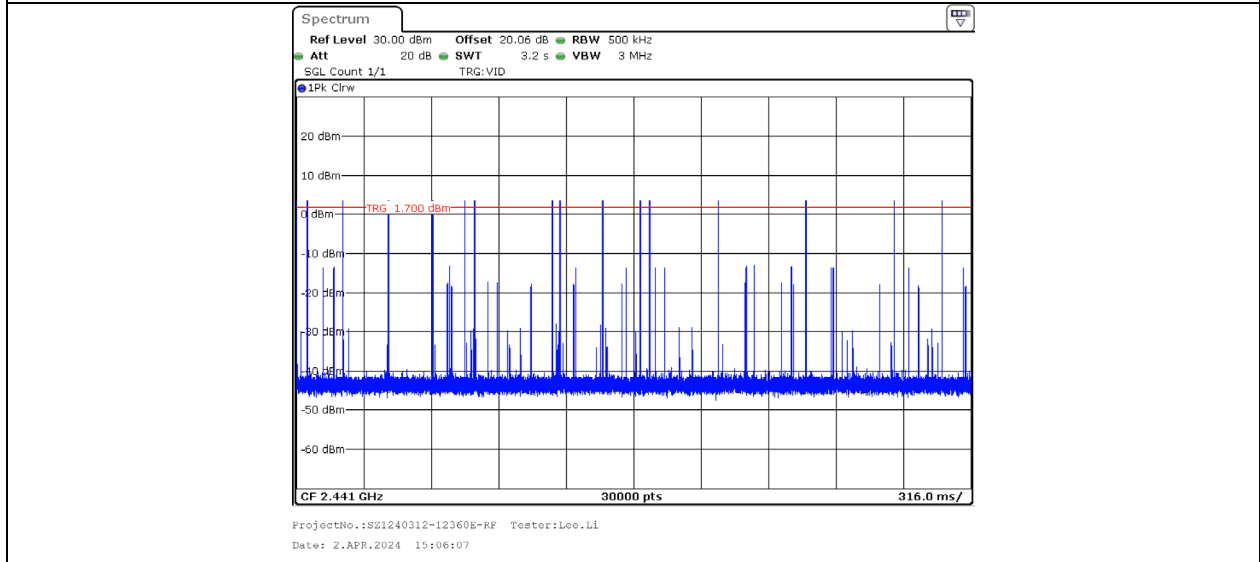
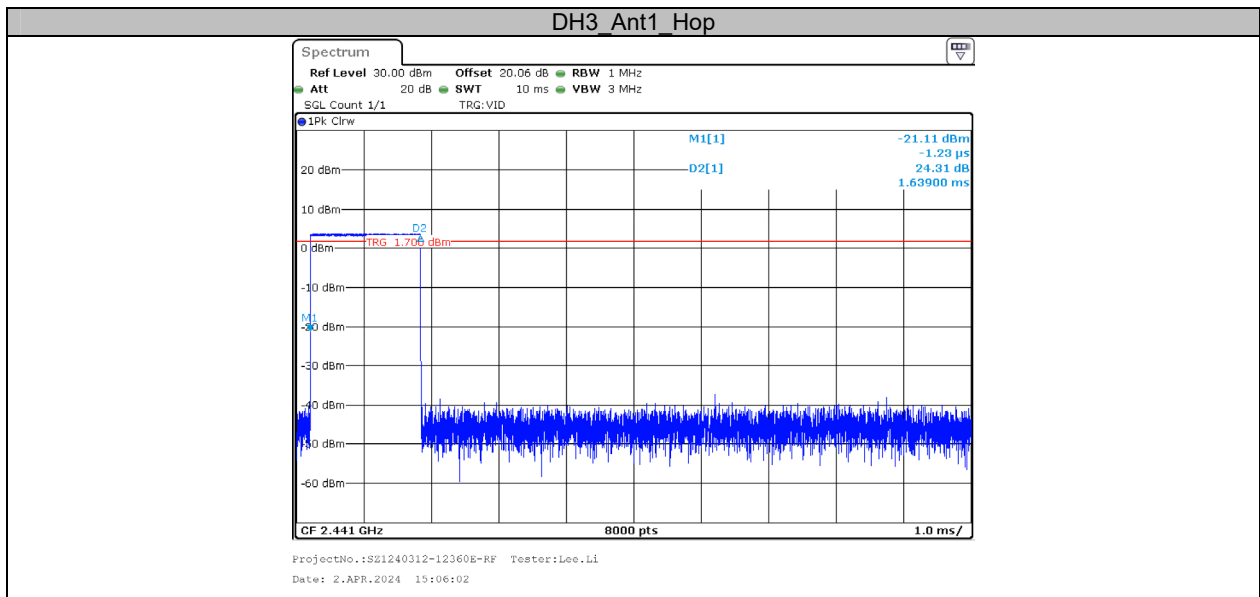


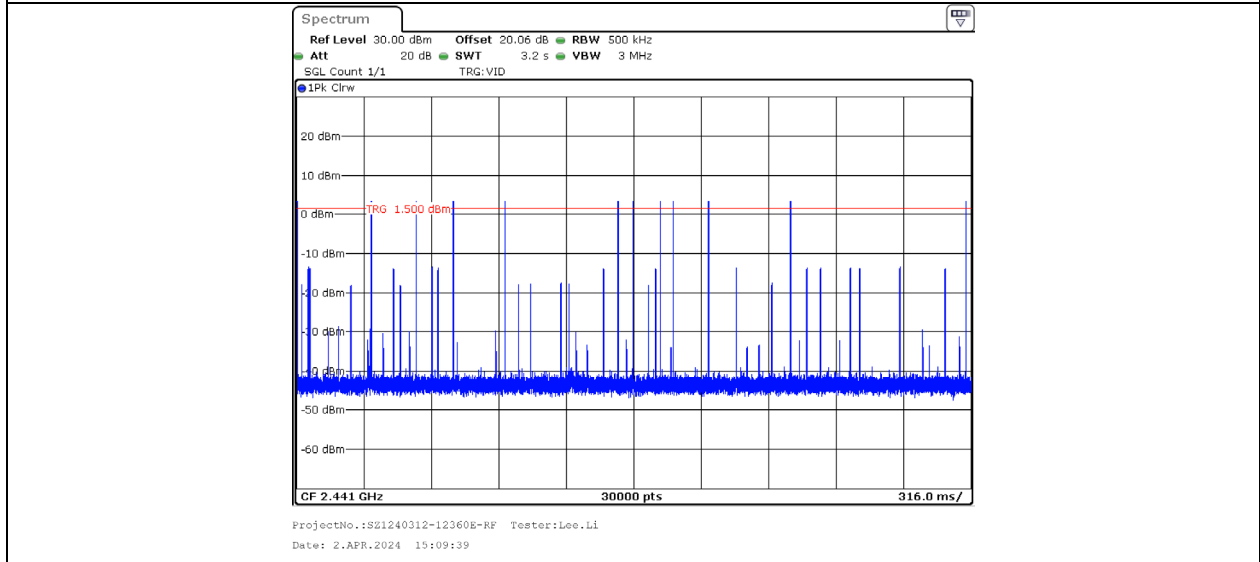
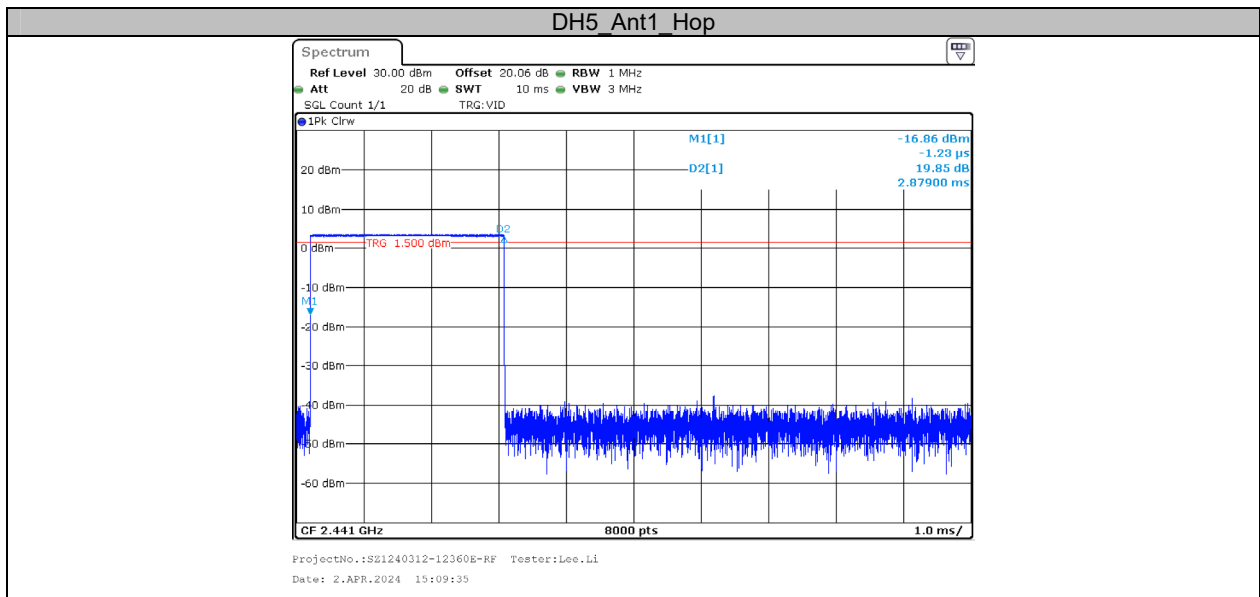
Appendix E: Time of occupancy**Test Result**

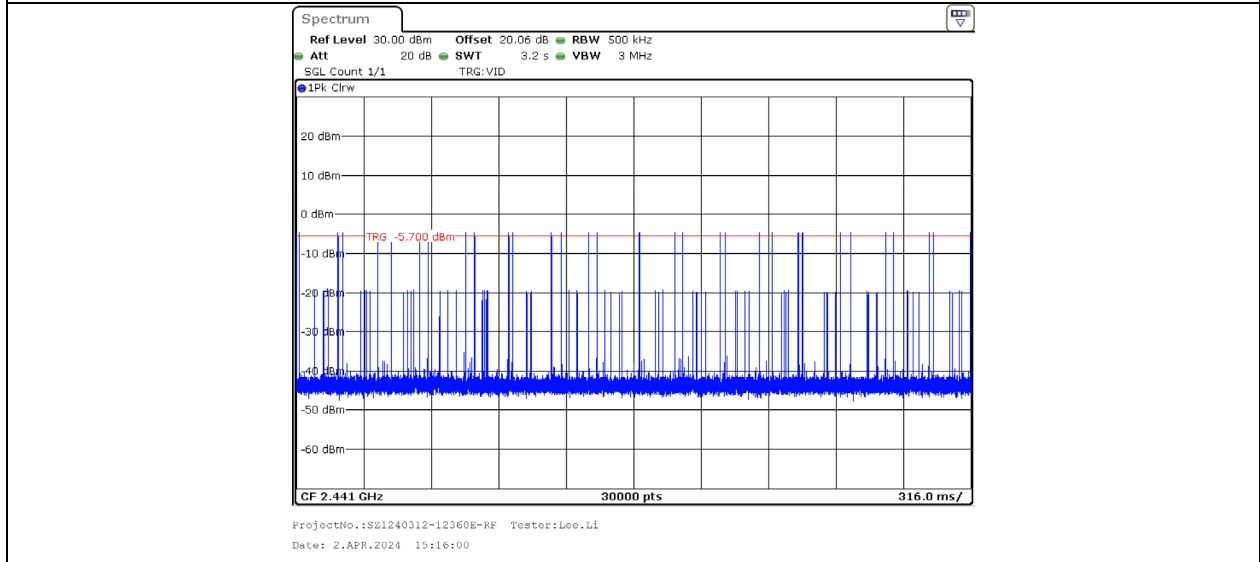
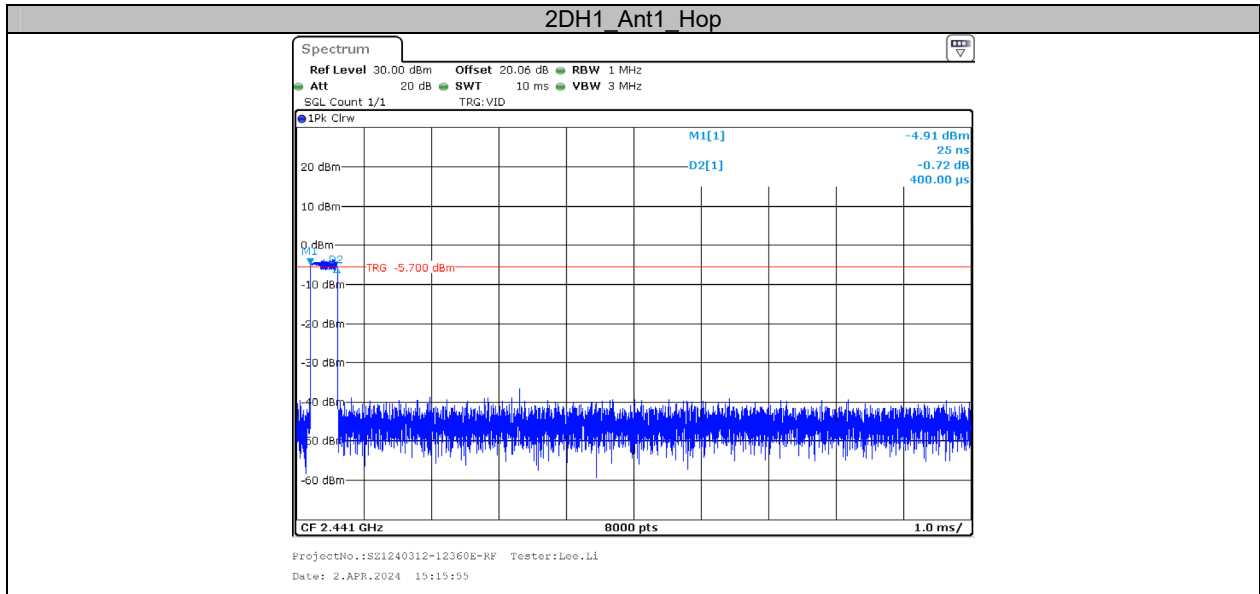
Test Mode	Antenna	Frequency[MHz]	Burst Width [ms]	Total Hops [Num]	Result[s]	Limit[s]	Verdict
DH1	Ant1	Hop	0.390	320	0.125	≤0.4	PASS
DH3	Ant1	Hop	1.639	170	0.279	≤0.4	PASS
DH5	Ant1	Hop	2.879	120	0.345	≤0.4	PASS
2DH1	Ant1	Hop	0.400	330	0.132	≤0.4	PASS
2DH3	Ant1	Hop	1.644	160	0.263	≤0.4	PASS
2DH5	Ant1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

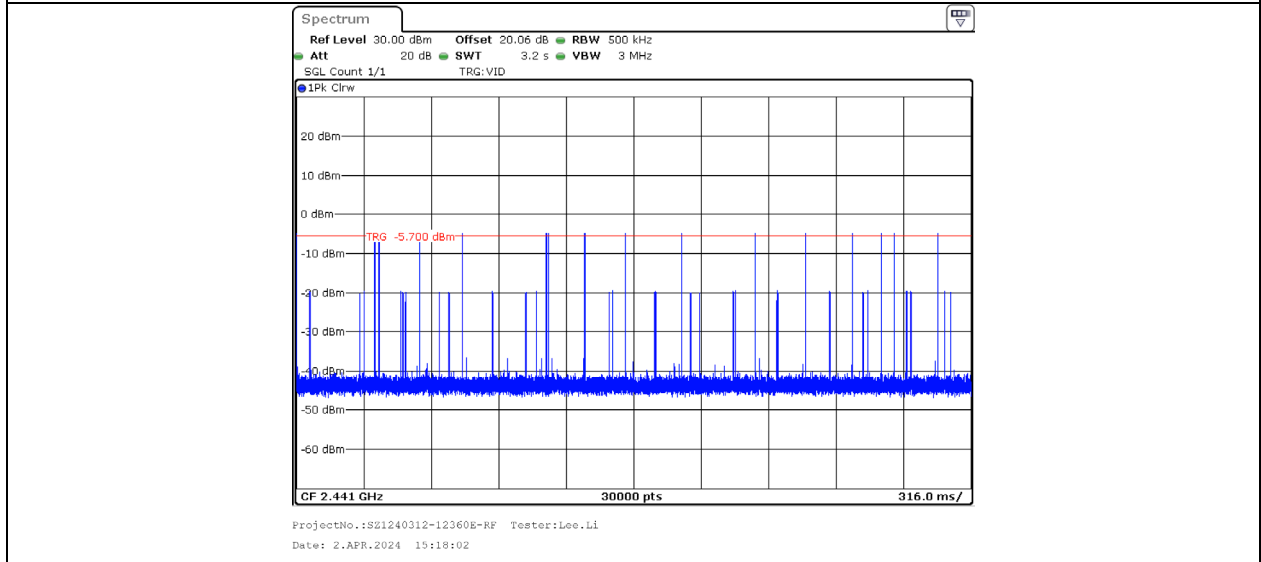
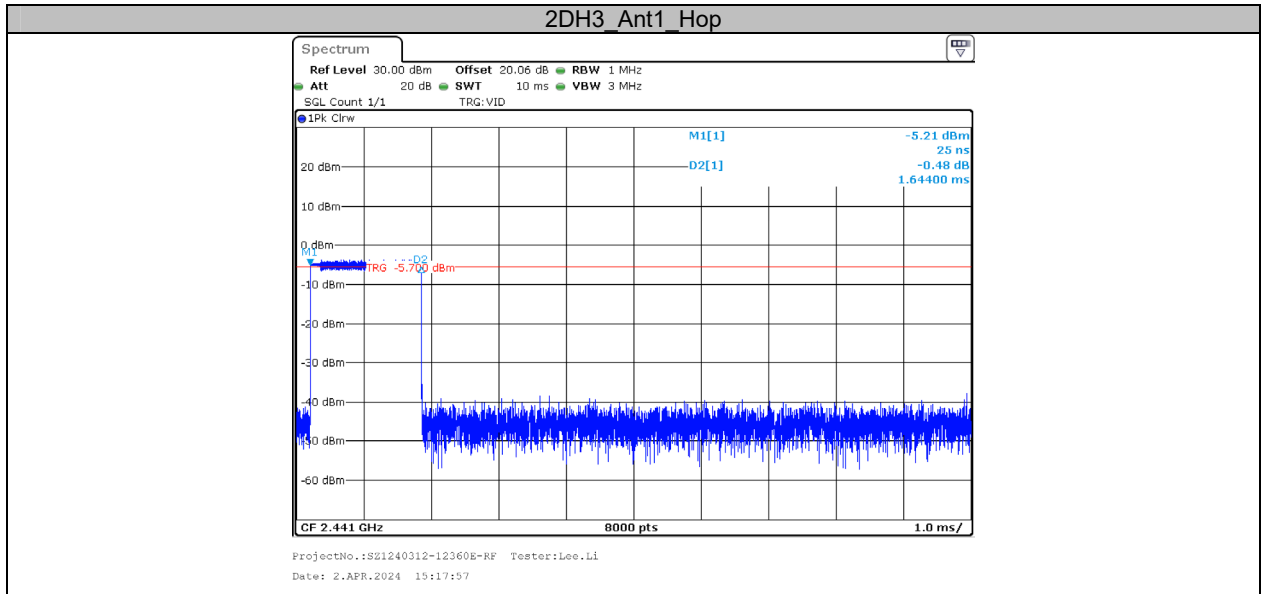
Test Graphs

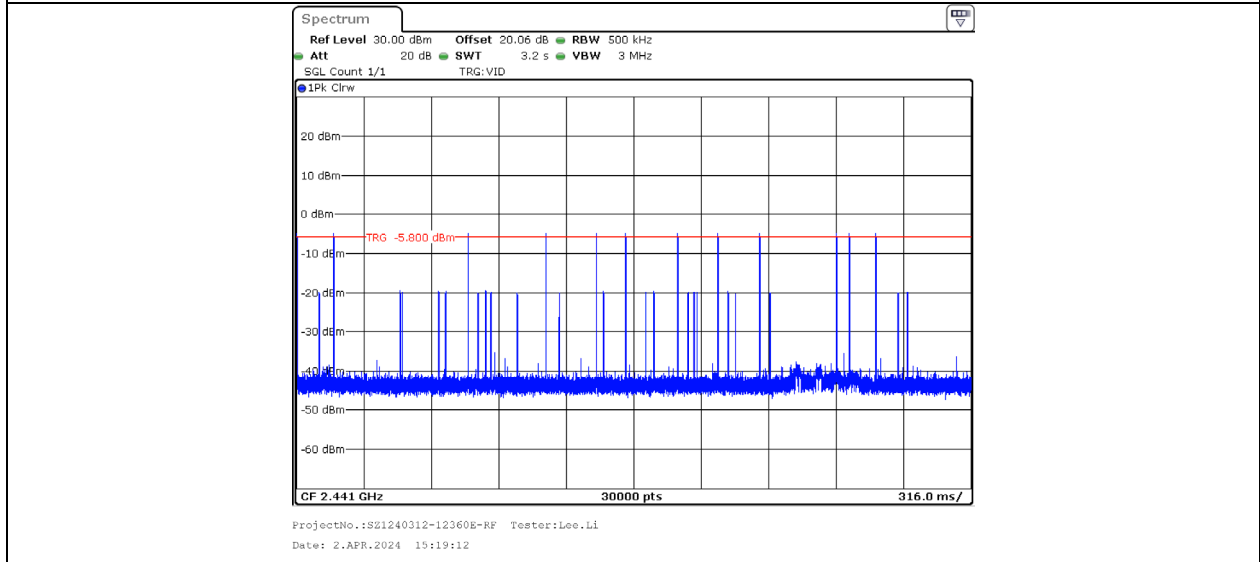
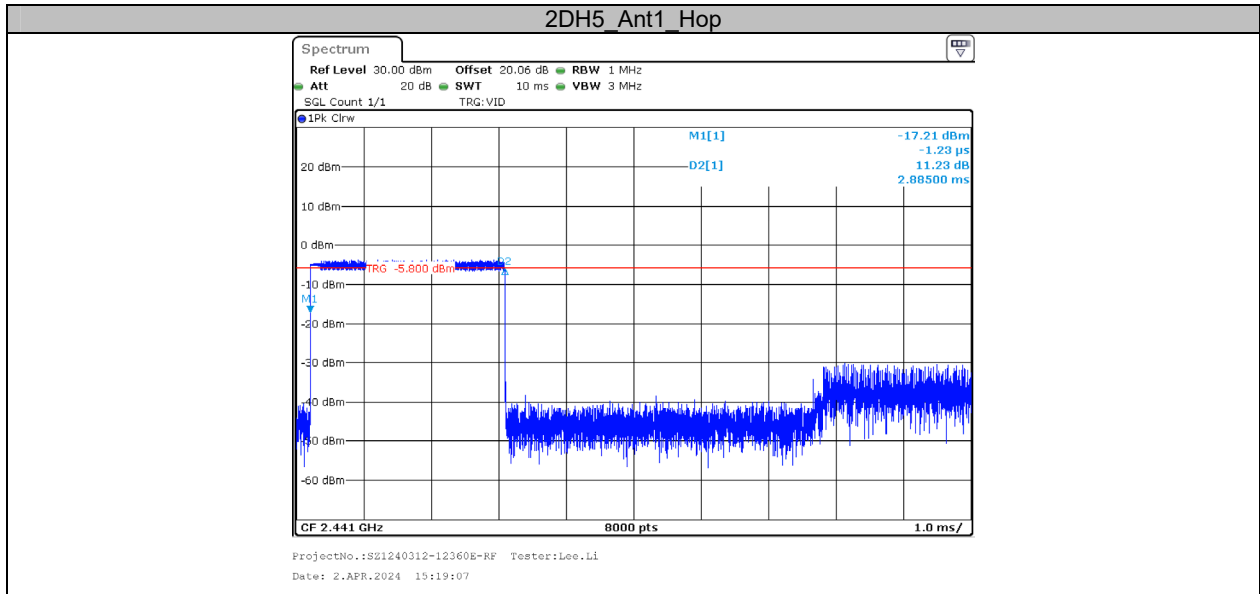


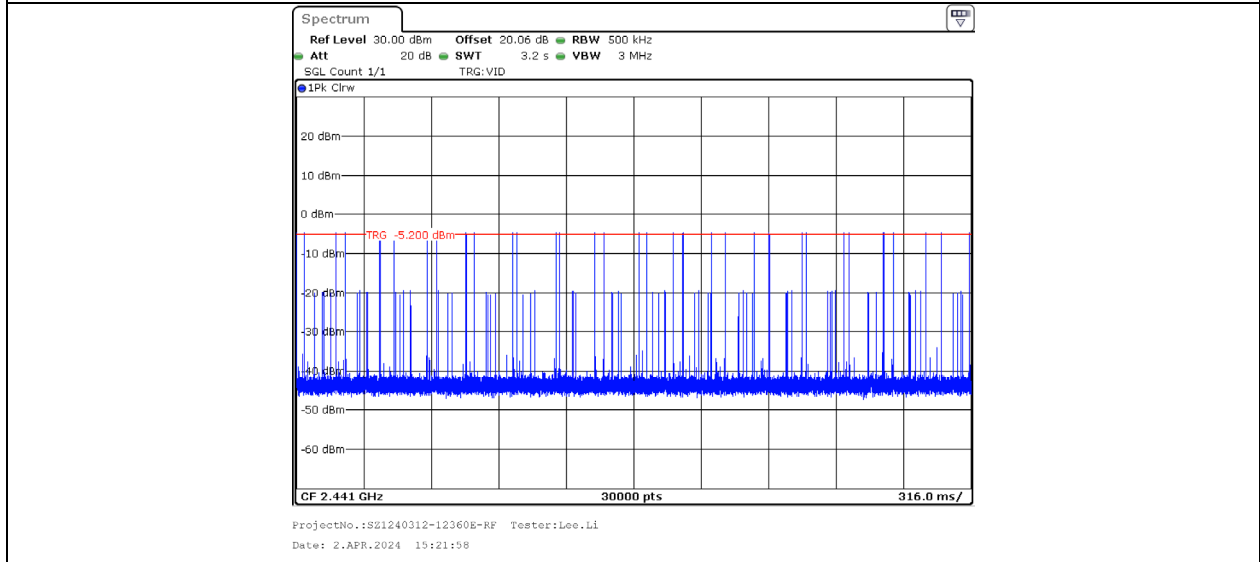
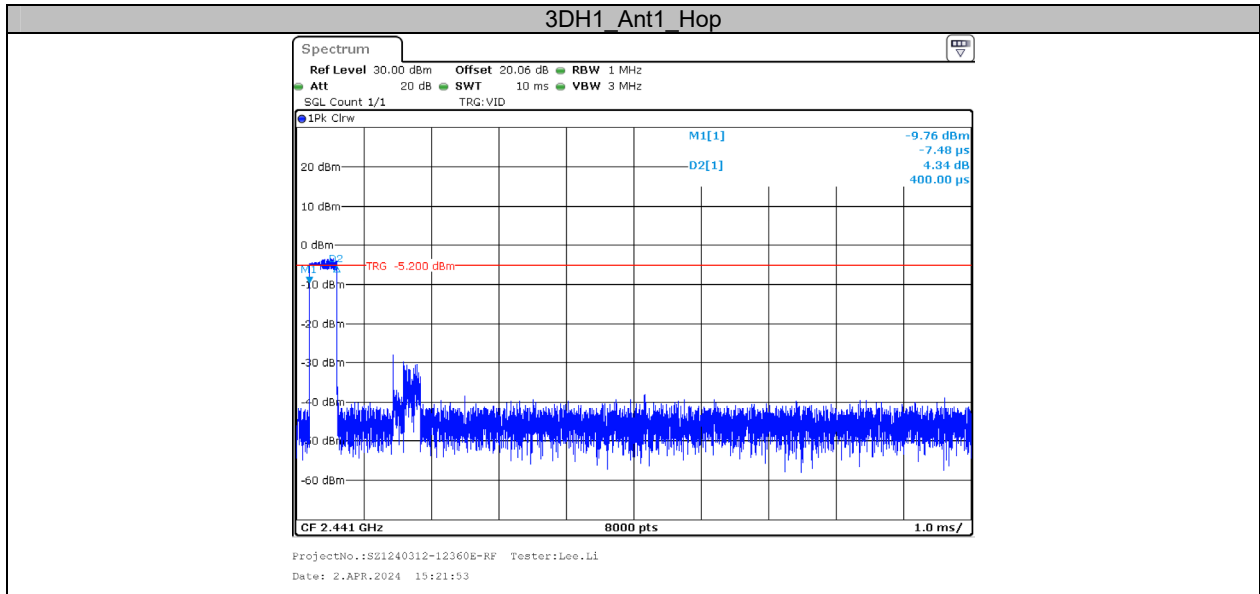


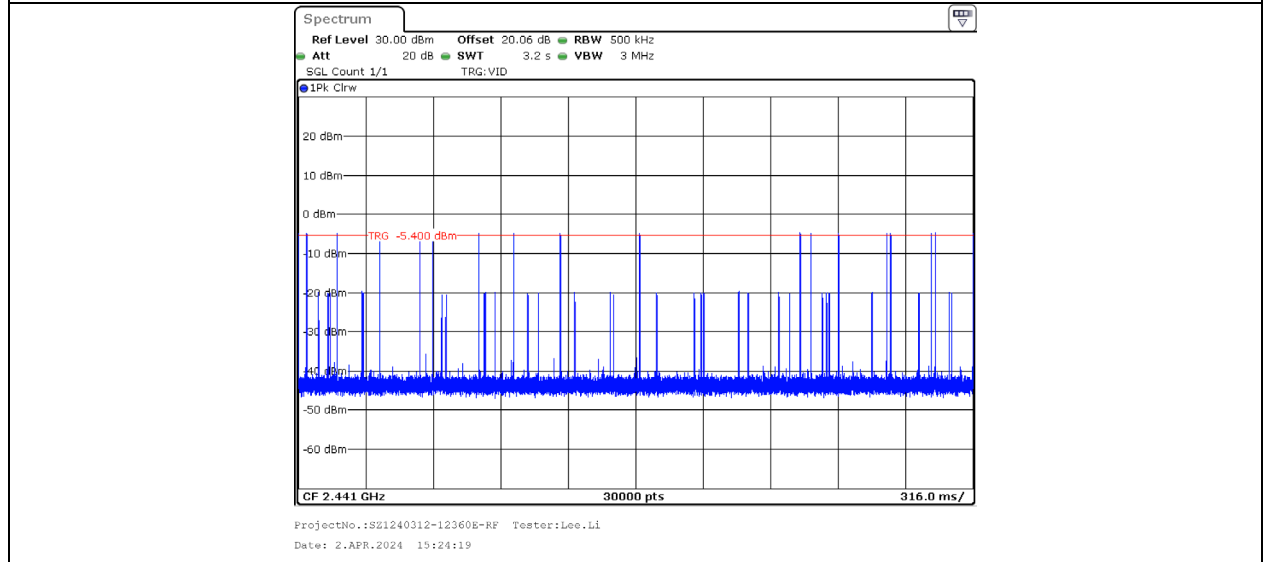
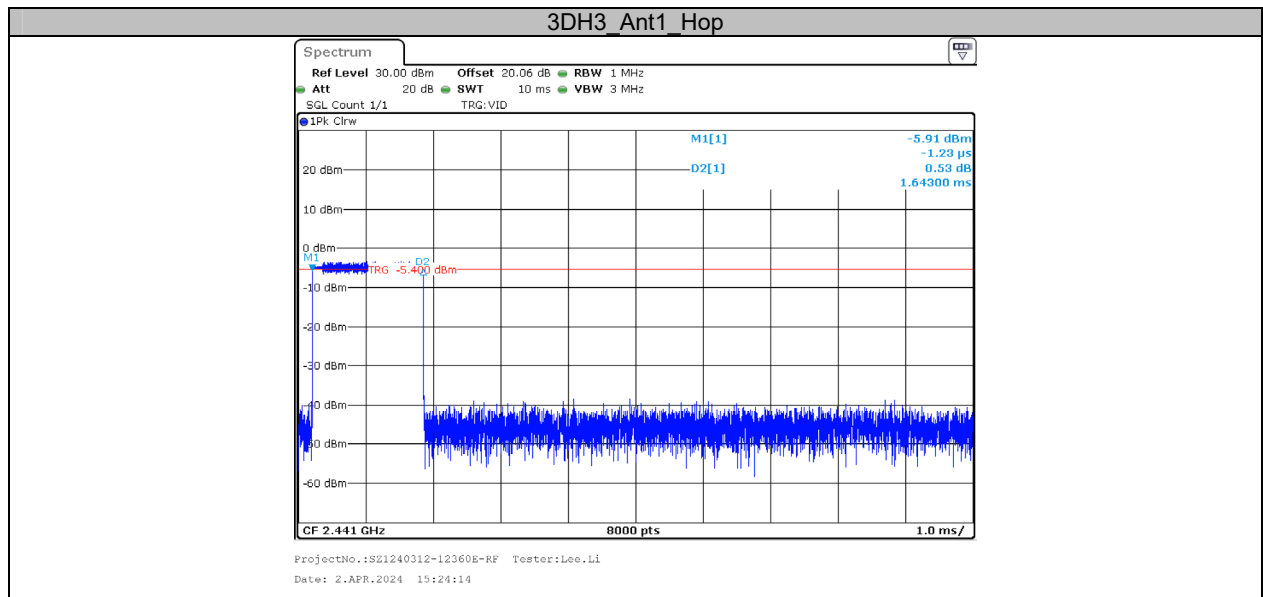


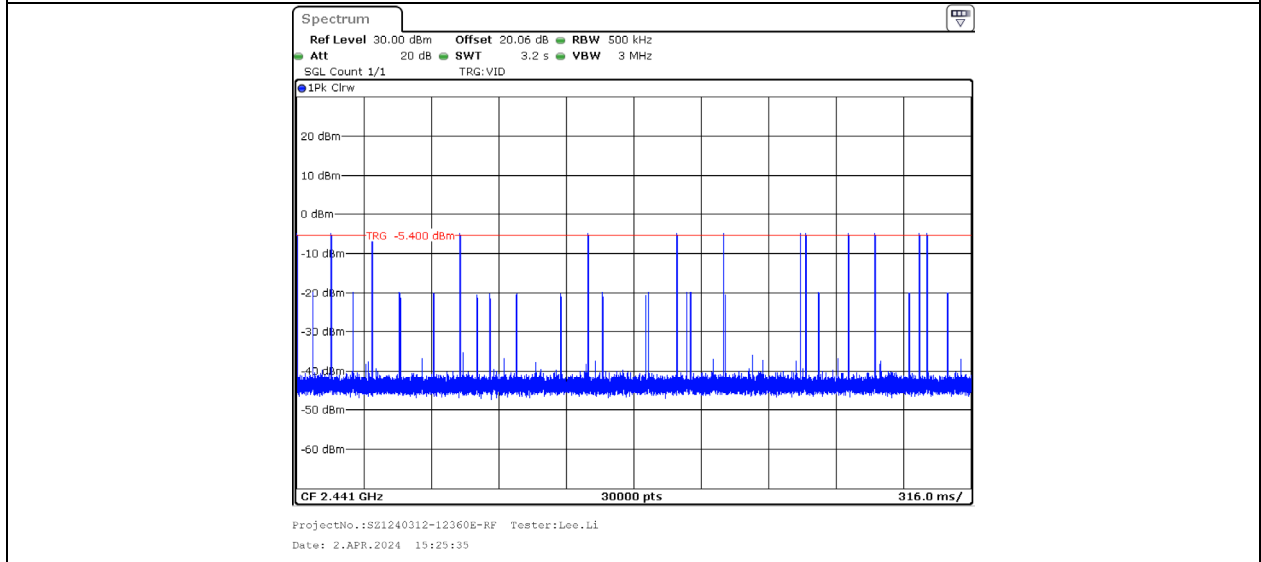
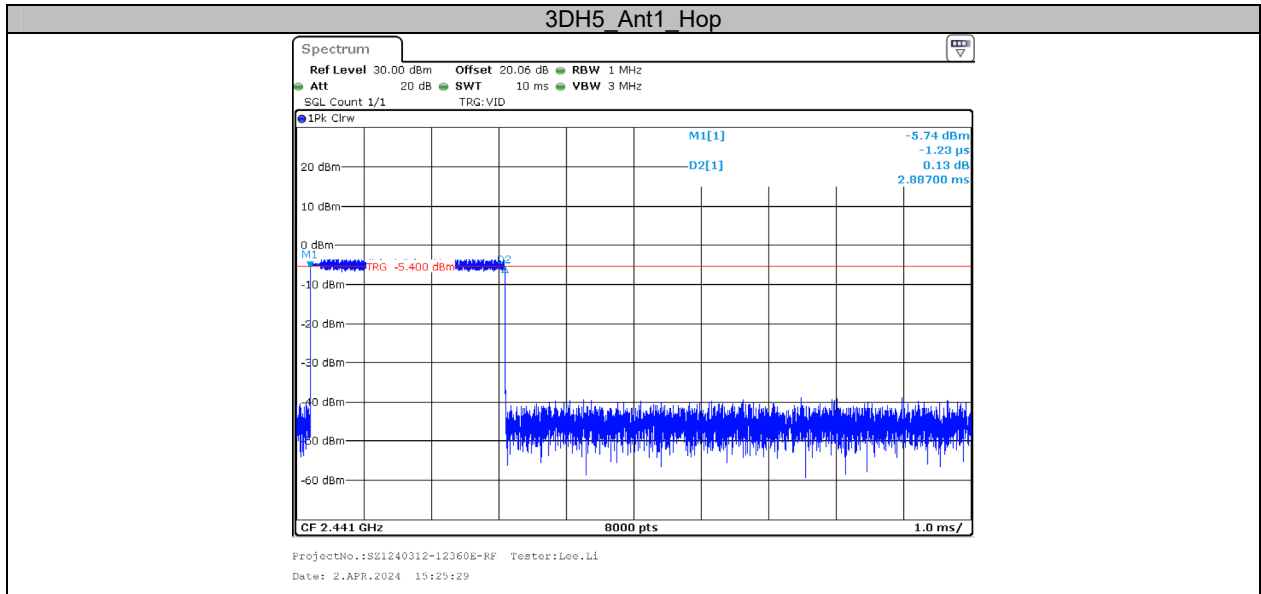










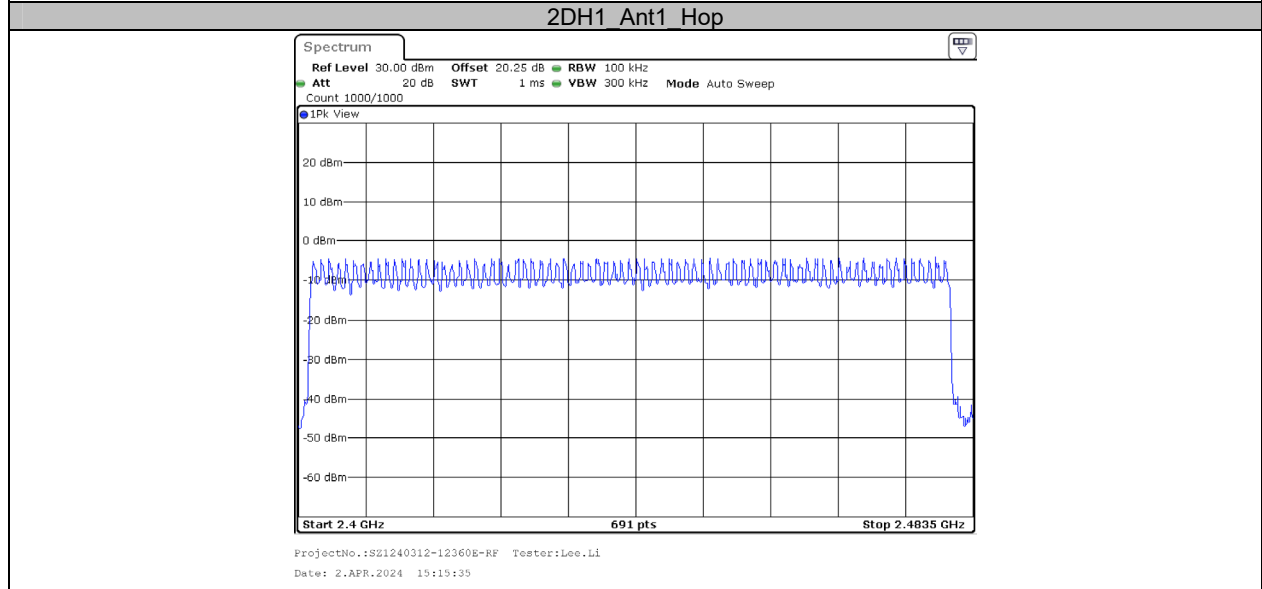
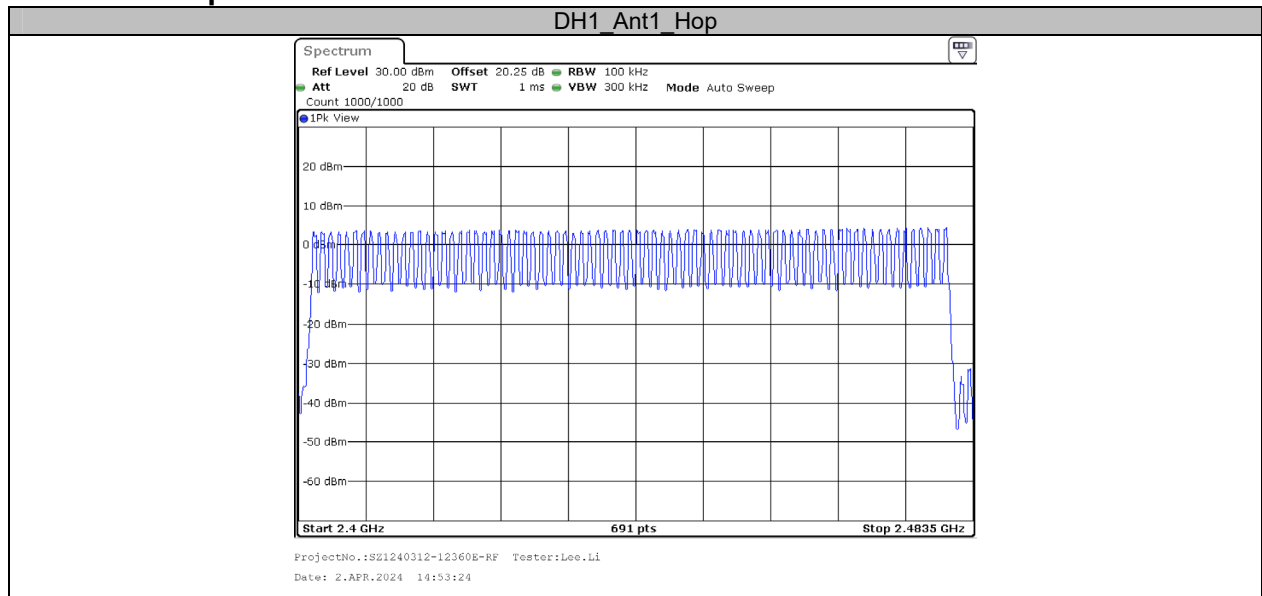


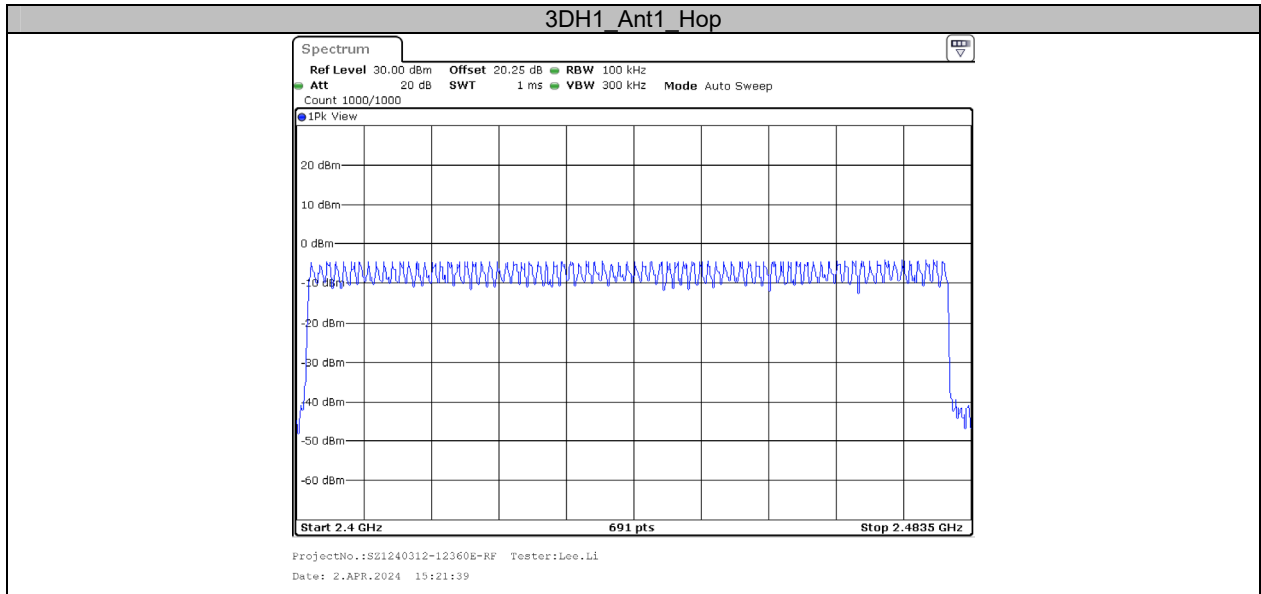
Appendix F: Number of hopping channels

Test Result

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

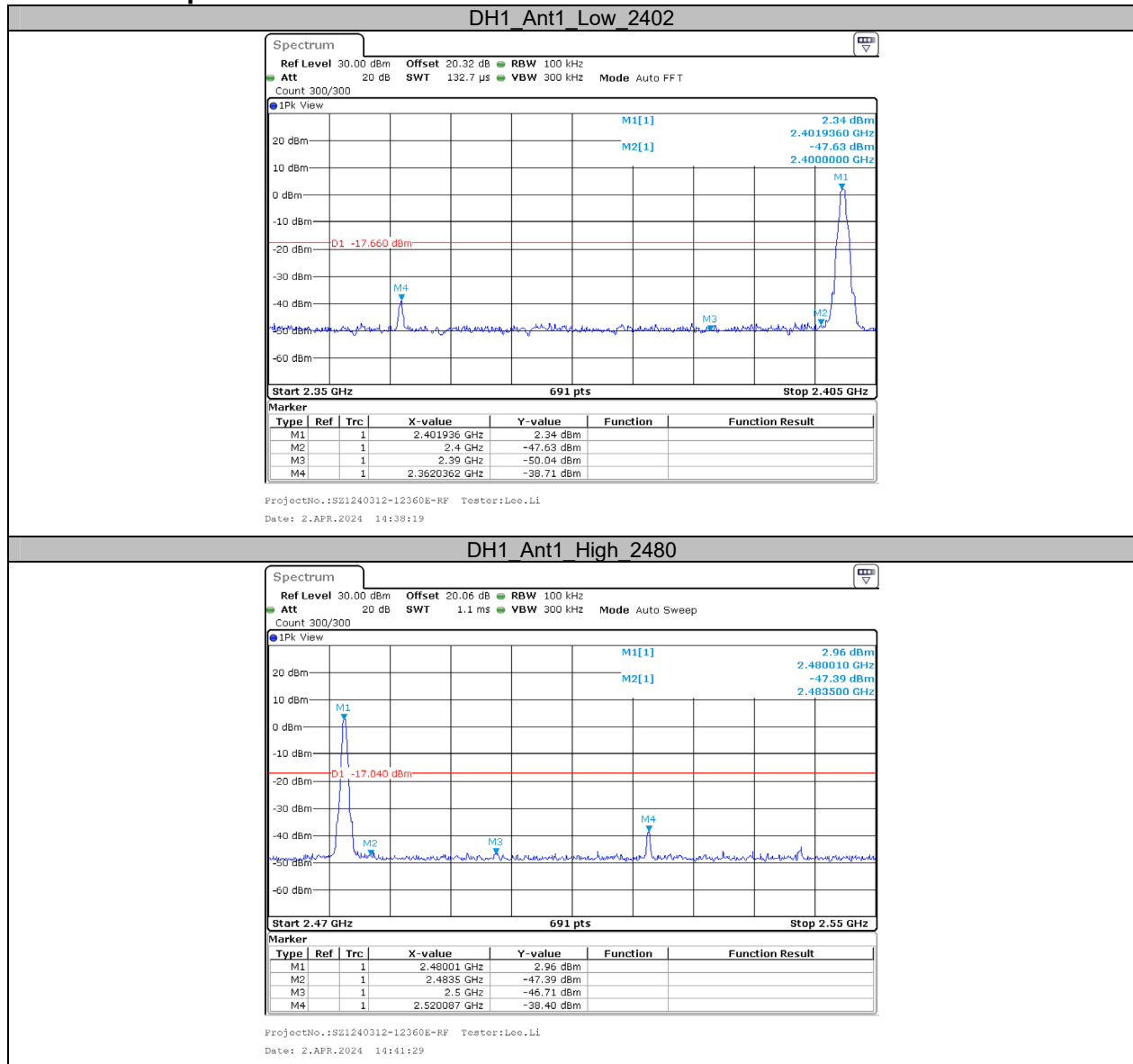
Test Graphs

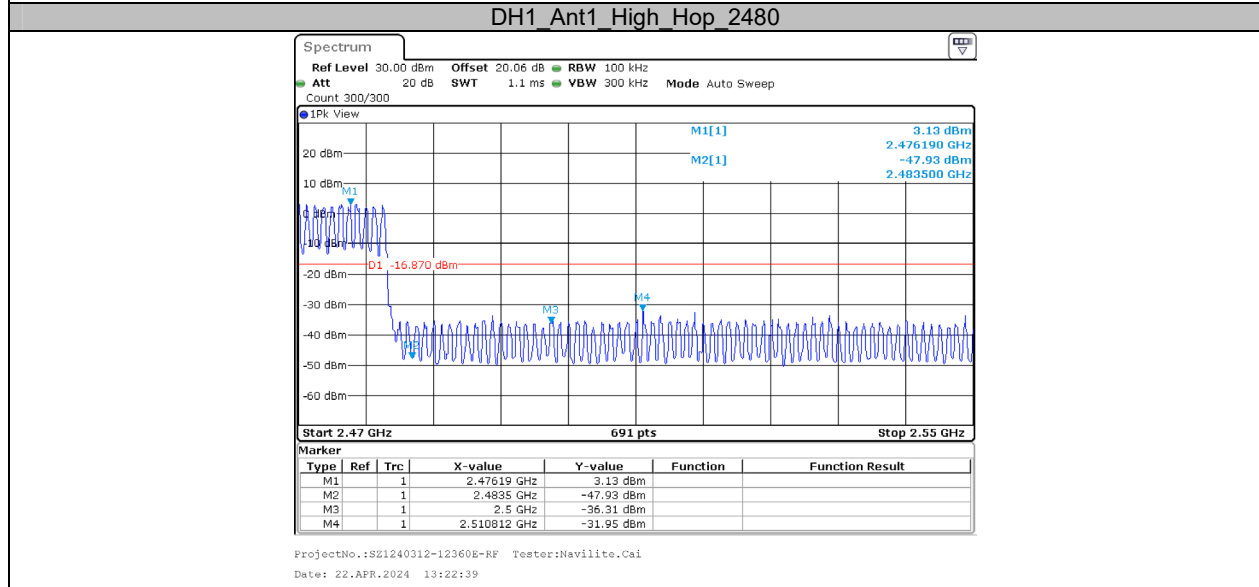
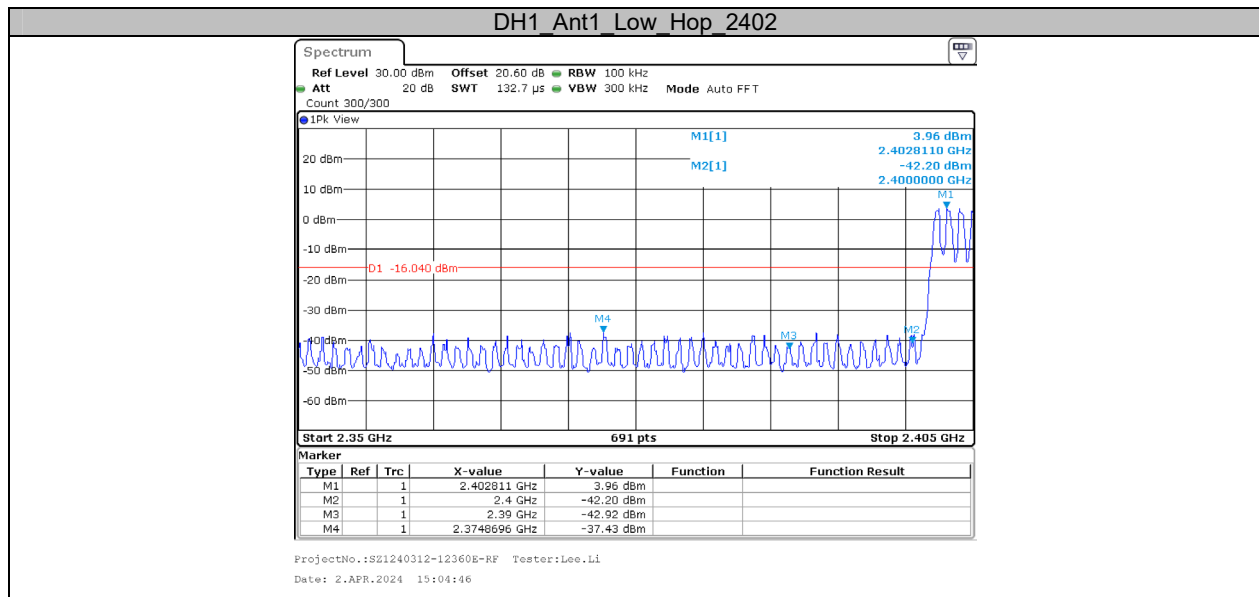




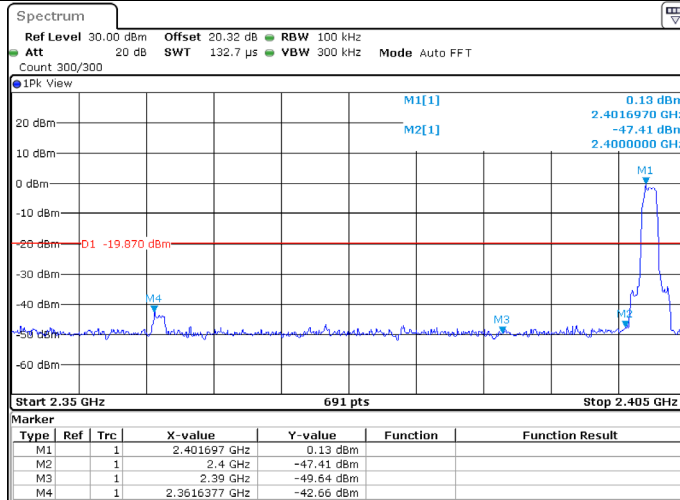
Appendix G: Band edge measurements

Test Graphs



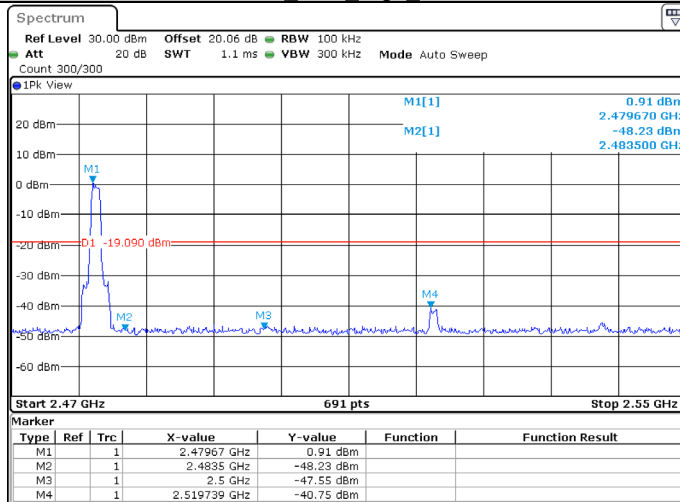


2DH1_Ant1_Low_2402



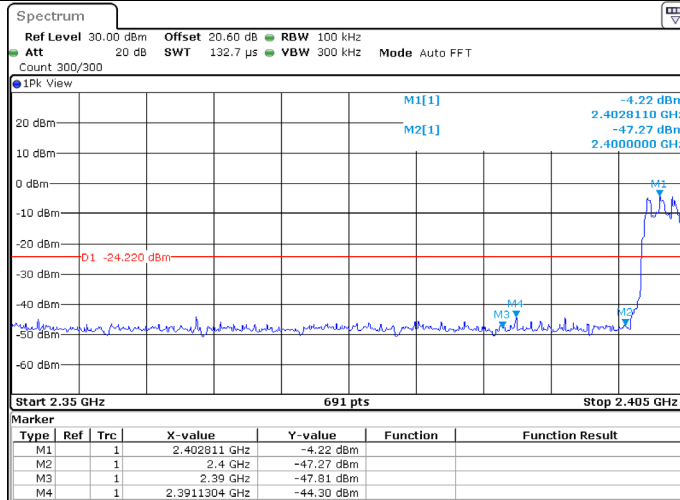
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 Date: 2.APR.2024 14:43:05

2DH1_Ant1_High_2480



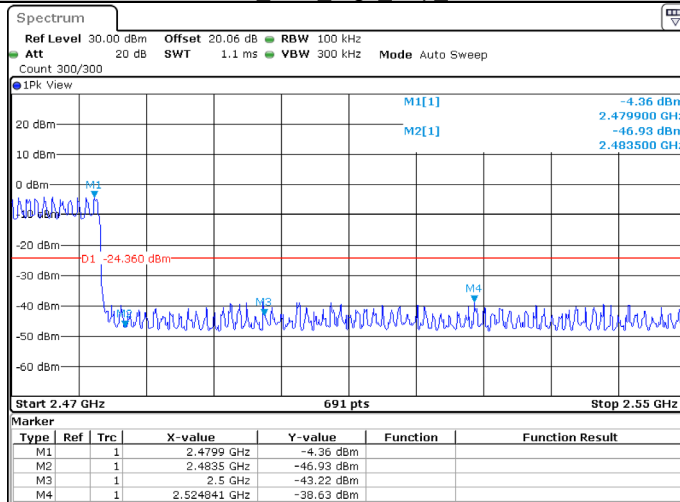
ProjectNo.:SZ1240312-12360E-RF Tester:Lee.Li
 Date: 2.APR.2024 14:45:34

2DH1_Ant1_Low_Hop_2402



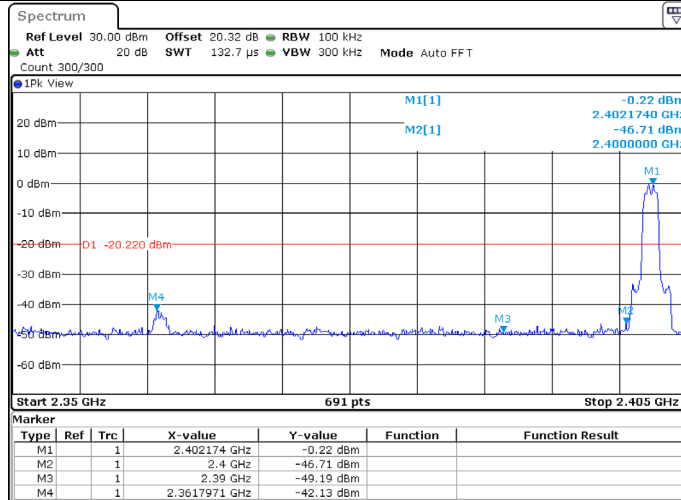
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 Date: 2.APR.2024 15:14:47

2DH1_Ant1_High_Hop_2480



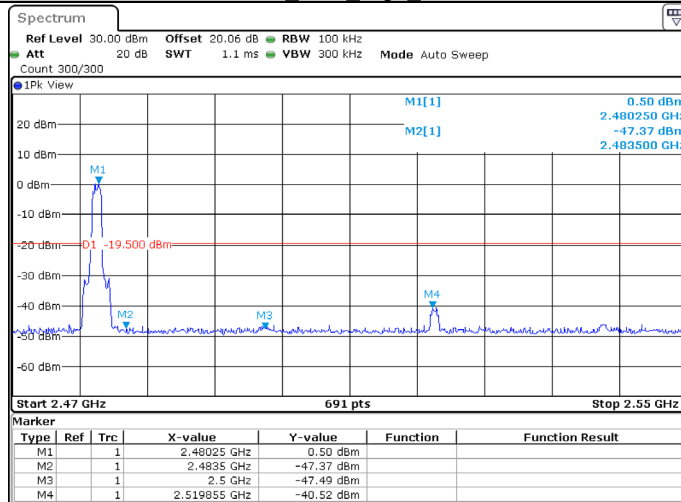
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 Date: 2.APR.2024 15:16:23

3DH1_Ant1_Low_2402

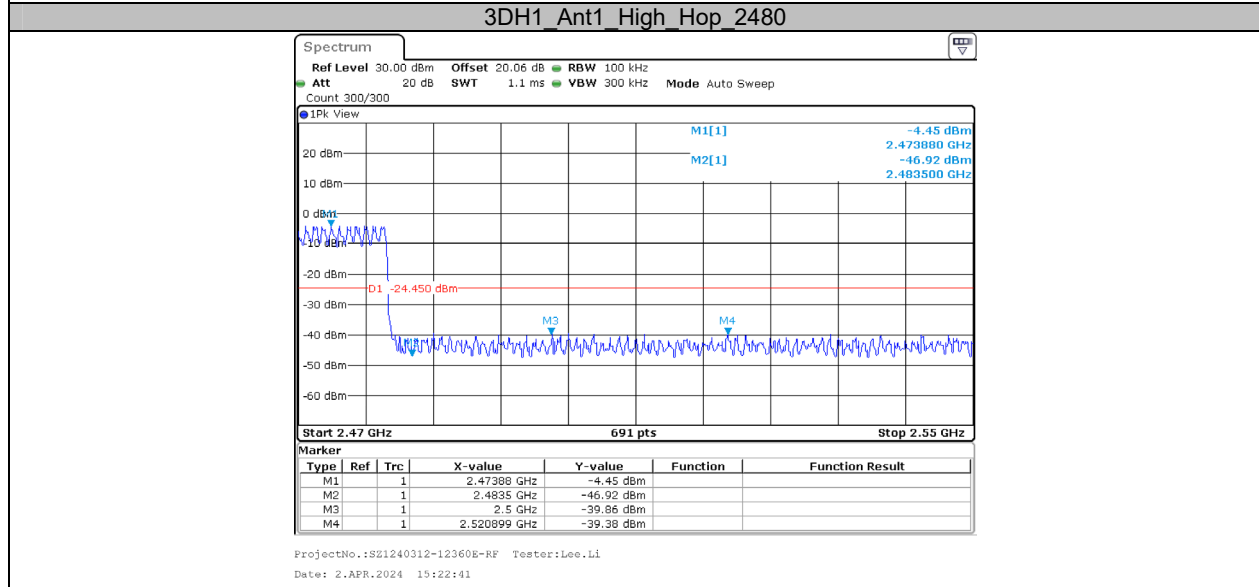
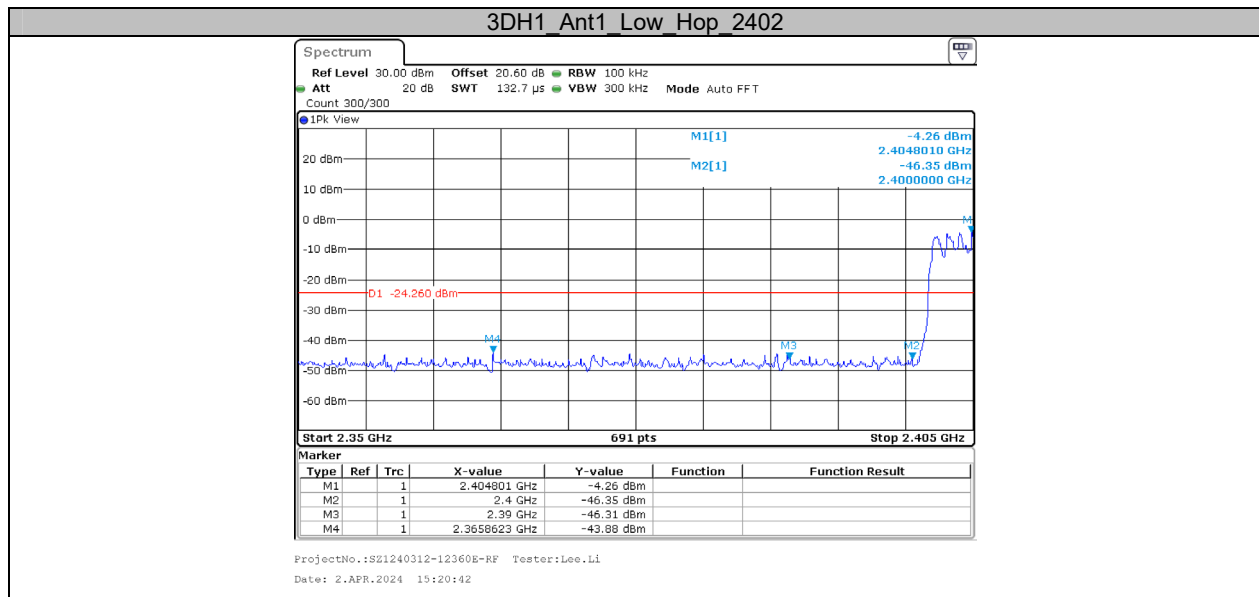


ProjectNo.:SZ1240312-12360E-RF Tester:Lee.Li
 Date: 2.APR.2024 14:47:46

3DH1_Ant1_High_2480



ProjectNo.:SZ1240312-12360E-RF Tester:Lee.Li
 Date: 2.APR.2024 14:50:38



***** END OF REPORT *****