



# RF TEST REPORT

Product Name: Smart Thermostat

Model Name: TL04-1

FCC ID: 2ADQOMDNA26

IC: 12575A-MDNA26

Issued For : GD Midea Air-conditioning Equipment Co.,Ltd.  
Lingang Road, Beijiao, Shunde, FOSHAN, Guangdong  
528311, China

Issued By : Shenzhen LGT Test Service Co., Ltd.  
Room 205, Building 13, Zone B, Zhenxiong Industrial Park,  
No.177, Renmin West Road, Jinsha, Kengzi Street, Pingshan  
District, Shenzhen, Guangdong, China

Report Number: LGT24H150RF02

Sample Received Date: Sep. 05, 2024

Date of Test: Sep. 05, 2024 ~ Oct. 24, 2024

Date of Issue: Oct. 24, 2024

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## TEST REPORT CERTIFICATION

**Applicant:** GD Midea Air-conditioning Equipment Co.,Ltd.  
**Address:** Lingang Road, Beijiao, Shunde, FOSHAN, Guangdong 528311, China  
**Manufacturer:** GD Midea Air-conditioning Equipment Co.,Ltd.  
**Address:** Lingang Road, Beijiao, Shunde, FOSHAN, Guangdong 528311, China  
**Product Name:** Smart Thermostat  
**Trademark:** N/A  
**Model Name:** TL04-1  
**Sample Status:** Normal  
**Serial Number:** LGT2409183-1

APPLICABLE STANDARDS	
STANDARD	TEST RESULTS
FCC Part 15.247, Subpart C RSS-247 Issue 3, August 2023 RSS-Gen Issue 5, February 2021 ANSI C63.10-2013	PASS

Prepared by:

Zane Shan

Zane Shan  
Engineer

Approved by:

Vita Li

Vita Li  
Technical Director





<b>Table of Contents</b>	<b>Page</b>
<b>1. SUMMARY OF TEST RESULTS</b>	<b>6</b>
1.1 TEST FACTORY	7
1.2 MEASUREMENT UNCERTAINTY	7
<b>2. GENERAL INFORMATION</b>	<b>8</b>
2.1 GENERAL DESCRIPTION OF THE EUT	8
2.2 DESCRIPTION OF THE TEST MODES	10
2.3 TEST SOFTWARE AND POWER LEVEL	10
2.4 DESCRIPTION OF NECESSARY ACCESSORIES AND SUPPORT UNITS	11
2.5 EQUIPMENTS LIST FOR ALL TEST ITEMS	12
<b>3. EMC EMISSION TEST</b>	<b>13</b>
3.1 CONDUCTED EMISSION MEASUREMENT	13
3.2 RADIATED EMISSION MEASUREMENT	17
<b>4. CONDUCTED SPURIOUS &amp; BAND EDGE EMISSION</b>	<b>29</b>
4.1 LIMIT	29
4.2 TEST PROCEDURE	29
4.3 DEVIATION FROM STANDARD	29
4.4 TEST SETUP	29
4.5 EUT OPERATION CONDITIONS	29
4.6 TEST RESULTS	29
<b>5. POWER SPECTRAL DENSITY TEST</b>	<b>30</b>
5.1 LIMIT	30
5.2 TEST PROCEDURE	30
5.3 DEVIATION FROM STANDARD	30
5.4 TEST SETUP	30
5.5 EUT OPERATION CONDITIONS	30
5.6 TEST RESULTS	30
<b>6. BANDWIDTH TEST</b>	<b>31</b>
6.1 LIMIT	31
6.2 TEST PROCEDURE	31
6.3 DEVIATION FROM STANDARD	31
6.4 TEST SETUP	31
6.5 EUT OPERATION CONDITIONS	31
6.6 TEST RESULTS	31



<b>7. PEAK OUTPUT POWER TEST</b>	<b>32</b>
7.1 LIMIT	32
7.2 TEST PROCEDURE	32
7.3 DEVIATION FROM STANDARD	32
7.4 TEST SETUP	32
7.5 EUT OPERATION CONDITIONS	32
7.6 TEST RESULTS	32
<b>8. ANTENNA REQUIREMENT</b>	<b>33</b>
8.1 STANDARD REQUIREMENT	33
8.2 EUT ANTENNA	33
<b>9. FREQUENCY STABILITY</b>	<b>34</b>
9.1 LIMITS OF FREQUENCY STABILITY MEASUREMENT	34
9.2 TEST PROCEDURE	34
9.3 TEST RESULT	34
<b>APPENDIX I - TEST RESULTS</b>	<b>35</b>
MAXIMUM PEAK CONDUCTED OUTPUT POWER	35
-6DB BANDWIDTH	36
OCCUPIED CHANNEL BANDWIDTH	40
MAXIMUM POWER SPECTRAL DENSITY LEVEL	44
BAND EDGE	48
CONDUCTED RF SPURIOUS EMISSION	53
FREQUENCY STABILITY	60
<b>APPENDIX II - MEASUREMENT PHOTOS</b>	<b>61</b>
<b>APPENDIX III - PHOTOGRAPHS OF EUT CONSTRUCTIONAL DETAILS</b>	<b>62</b>



**Revision History**

Rev.	Issue Date	Contents
00	Oct. 24, 2024	Initial Issue



## 1. SUMMARY OF TEST RESULTS

Test procedures according to the technical standards:  
KDB 558074 D01 15.247 Meas Guidance v05r02.

<b>FCC Part 15.247, Subpart C RSS-247 Issue 3</b>			
Standard Section	Test Item	Judgment	Remark
15.207 RSS-Gen 8.8	Conducted Emission	PASS	--
15.247 (a)(2) RSS-Gen 6.7 RSS-247 5.2 a)	6dB&99% Bandwidth	PASS	--
15.247 (b)(3) RSS-247 5.4 d)	Output Power	PASS	--
15.209 RSS-Gen 8.9/8.10	Radiated Spurious Emission	PASS	--
15.247 (d) RSS-247 5.5 RSS-Gen 8.9/8.10	Conducted Spurious & Band Edge Emission	PASS	--
15.247 (e) RSS-247 5.2 b)	Power Spectral Density	PASS	--
15.205 RSS-Gen 8.9/8.10	Restricted Band Edge Emission	PASS	--
Part 15.247(d)/ Part 15.209(a) RSS-247 5.5 RSS-Gen 8.9/8.10	Band Edge Emission	PASS	--
15.203 RSS-Gen 6.8	Antenna Requirement	PASS	--
RSS-Gen 6.11/8.11	Frequency Stability	PASS	--

### NOTE:

- (1) 'N/A' denotes test is not applicable in this Test Report.
- (2) All tests are according to ANSI C63.10-2013.



## 1.1 TEST FACTORY

Company Name:	Shenzhen LGT Test Service Co., Ltd.
Address:	Room 205, Building 13, Zone B, Zhenxiong Industrial Park, No.177, Renmin West Road, Jinsha, Kengzi Street, Pingshan District, Shenzhen, Guangdong, China
Accreditation Certificate	A2LA Certificate No.: 6727.01
	FCC Registration No.: 746540
	CAB ID: CN0136

## 1.2 MEASUREMENT UNCERTAINTY

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

No.	Item	Uncertainty
1	RF Output Power, Conducted	$\pm 0.71\text{dB}$
2	Power Spectral Density, Conducted	$\pm 1.57\text{ dB}$
3	Unwanted Emission, Conducted	$\pm 0.63\text{dB}$
4	Conducted emission	$\pm 2.80\text{dB}$
5	All Emissions, Radiated (0.009-30MHz)	$\pm 2.16\text{dB}$
6	All Emissions, Radiated (30MHz-1GHz)	$\pm 4.40\text{dB}$
7	All Emissions, Radiated (1GHz-18GHz)	$\pm 5.49\text{dB}$

Note: The measurement uncertainty is not included in the test result.



## 2. GENERAL INFORMATION

### 2.1 GENERAL DESCRIPTION OF THE EUT

Product Name:	Smart Thermostat	
Trademark:	N/A	
Model Name:	TL04-1	
Series Model:	N/A	
Model Difference:	N/A	
Product Description:	Operation Frequency:	802.11b/g/n(20MHz): 2412~2462 MHz
	Modulation Type:	802.11b(DSSS):CCK,DQPSK,DBPSK 802.11g(OFDM):BPSK,QPSK,16-QAM,64-QAM 802.11n(OFDM):BPSK,QPSK,16-QAM,64-QAM
	Number of Channel:	802.11b/g/n: 11CH
	Antenna Designation:	FPC Antenna
	Antenna Gain(dBi):	0.14
Channel List:	Please refer to the Note 3.	
Rating:	Input AC24V/60Hz or DC20V	
Test Voltage:	AC 120V/60Hz for Air conditioner interior panel	
Hardware Version:	V4.3	
Software Version:	1.1.38	
Connecting I/O Port(s):	Please refer to the Note 1.	

#### Note:

1. For a more detailed features description, please refer to the manufacturer's specifications or the User Manual.
2. The antenna information refers to the manufacturer provide report, applicable only to the tested sample identified in the report. Due to the incorrect antenna information, a series of problems such as the accuracy of the test results will be borne by the customer.





3.

Operation Frequency of channel	
802.11b/g/n(20MHz)	
Channel	Frequency
01	2412
02	2417
03	2422
04	2427
05	2432
06	2437
07	2442
08	2447
09	2452
10	2457
11	2462

Note:

In section 15.31(m), regards to the operating frequency range over 10 MHz, the Lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test, and the selected channel see below:

Carrier Frequency Channel

2.4GHz Test Frequency:

For 802.11b/g/n(HT20)	
Channel	Freq.(MHz)
01	2412
06	2437
11	2462



## 2.2 DESCRIPTION OF THE TEST MODES

Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

Worst Mode	Description	Data Rate
Mode 1	TX IEEE 802.11b CH1	1 Mbps
Mode 2	TX IEEE 802.11b CH6	1 Mbps
Mode 3	TX IEEE 802.11 b CH11	1 Mbps
Mode 4	TX IEEE 802.11g CH1	6 Mbps
Mode 5	TX IEEE 802.11g CH6	6 Mbps
Mode 6	TX IEEE 802.11g CH11	6 Mbps
Mode 7	TX IEEE 802.11n HT20 CH1	MCS 0
Mode 8	TX IEEE 802.11n HT20 CH6	MCS 0
Mode 9	TX IEEE 802.11n HT20 CH11	MCS 0

Note:

(1) The measurements are performed at all Bit Rate of Transmitter, the worst data was reported.

### AC Conducted Emission

Test Case	
AC Conducted Emission	Mode10: Keeping TX + WLAN Link

## 2.3 TEST SOFTWARE AND POWER LEVEL

During testing channel & power controlling software provided by the customer was used to control the operating channel as well as the output power level.

Test software Version	Test program: 2.4G WIFI	
CMD Command	Mode Or Modulation type	Power setting
	b	Default
	g	Default
	n20	Default



## 2.4 DESCRIPTION OF NECESSARY ACCESSORIES AND SUPPORT UNITS

During testing channel & power controlling software provided by the customer was used to control the operating channel as well as the output power level.

### Accessories Equipment

Description	Manufacturer	Model	S/N	Rating
Air conditioner interior panel	GD Midea Air-conditioning Equipment Co.,Ltd	US1-KFR71VBP3 N1X-C-W.ZY001. JD.T.NK.NP2.1	N/A	FCC Sdoc
Air conditioner power board	GD Midea Air-conditioning Equipment Co.,Ltd	EU-KFR140T2/BP 3N1X-J(RD0)-W( GA).ZY001.JD.T. NK.NP2-1	17123000010 880	FCC Sdoc

### Auxiliary Equipment

Description	Manufacturer	Model	S/N	Rating
Laptop	Lenovo	HKF-16	N/A	N/A

Note:

- (1) For detachable type I/O cable should be specified the length in cm in 『Length』 column.



## 2.5 EQUIPMENTS LIST FOR ALL TEST ITEMS

Conducted Emission					
Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Until
EMI Test Receiver	R&S	ESU8	100372	2024.03.09	2025.03.08
LISN	COM-POWER	LI-115	02032	2024.03.09	2025.03.08
LISN	SCHWARZBECK	NNLK 8122	00160	2024.03.09	2025.03.08
Transient Limiter	CYBERTEK	EM5010A	E2250100049	2024.03.09	2025.03.08
Temperature & Humidity	KTJ	TA218B	N.A	2024.03.09	2025.03.08
Testing Software	EMC-I_V1.4.0.3_SKET				

Radiated Test equipment					
Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Until
EMI Test Receiver	R&S	ESU8	100372	2024.03.09	2025.03.08
Active loop Antenna	ETS	6502	00049544	2023.10.13	2025.10.12
Spectrum Analyzer	Keysight	N9010B	MY60242508	2024.08.05	2025.08.04
Bilog Antenna(30M-1G)	SCHWARZBECK	VULB 9168	2705	2022.12.12	2025.12.11
Horn Antenna(1-18G)	SCHWARZBECK	3115	10SL0060	2022.06.02	2025.06.01
Horn Antenna(18-40G)	A-INFO	LB-180400-KF	J211060273	2022.06.08	2025.06.07
Pre-amplifier(30M-1G)	EMtrace	RP01A	02019	2024.03.09	2025.03.08
Pre-amplifier(1-26.5G)	Agilent	8449B	3008A4722	2024.03.09	2025.03.08
Pre-amplifier(18-40G)	com-mw	LNPA_18-40-01	18050003	2024.03.09	2025.03.08
Wireless Communications Test Set	R&S	CMW 500	137737	2024.03.09	2025.03.08
Temperature & Humidity	JINGCHUANG	BT-3	N.A	2024.03.11	2025.03.10
Testing Software	EMC-I_V1.4.0.3_SKET				

RF Conducted Test equipment					
Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Until
Signal Analyzer	Keysight	N9010B	MY60242508	2024.08.05	2025.08.04
Signal Analyzer	Keysight	N9020A	MY50530994	2024.03.09	2025.03.08
RF Automatic Test system	MW	MW100-RFCB	MW220322LG-033	2024.03.09	2025.03.08
MXG Vector Signal Generator	Keysight	N5182B	MY59100717	2024.03.09	2025.03.08
Temperature& Humidity test chamber	AISRY	LX-1000L	171200018	2024.03.09	2025.03.08
Attenuator	eastsheep	90db	N.A	2024.03.09	2025.03.08
Temperature & Humidity	JINGCHUANG	BT-3	N.A	2024.03.11	2025.03.10
Digital multimeter	MASTECH	MS8261	MBGBC83053	2024.03.09	2025.03.08
Testing Software	MTS8310_V2.0.0.0_MW				



### 3. EMC EMISSION TEST

#### 3.1 CONDUCTED EMISSION MEASUREMENT

##### 3.1.1 POWER LINE CONDUCTED EMISSION LIMITS

The radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies, within the band 150 kHz to 30 MHz, shall not exceed the limits in the following table.

FREQUENCY (MHz)	Conducted Emissionlimit (dBuV)	
	Quasi-peak	Average
0.15 -0.5	66 - 56 *	56 - 46 *
0.50 -5.0	56.00	46.00
5.0 -30.0	60.00	50.00

Note:

- (1) The tighter limit applies at the band edges.
- (2) The limit of “ \* ” marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

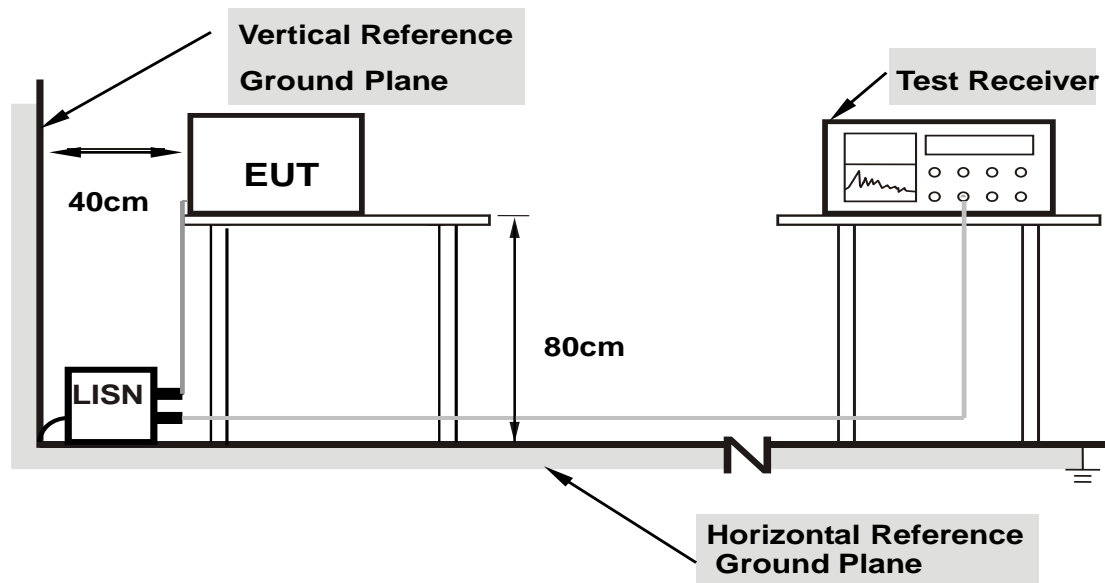
The following table is the setting of the receiver

Receiver Parameters	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz

### 3.1.2 TEST PROCEDURE

- The EUT is 0.8 m from the horizontal ground plane and 0.4 m from the vertical ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments are powered from additional LISN(s). The LISN provides 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- LISN is at least 80 cm from the nearest part of EUT chassis.
- For the actual test configuration, please refer to the related Item –EUT Test Photos.

### 3.1.3 TEST SETUP



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

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

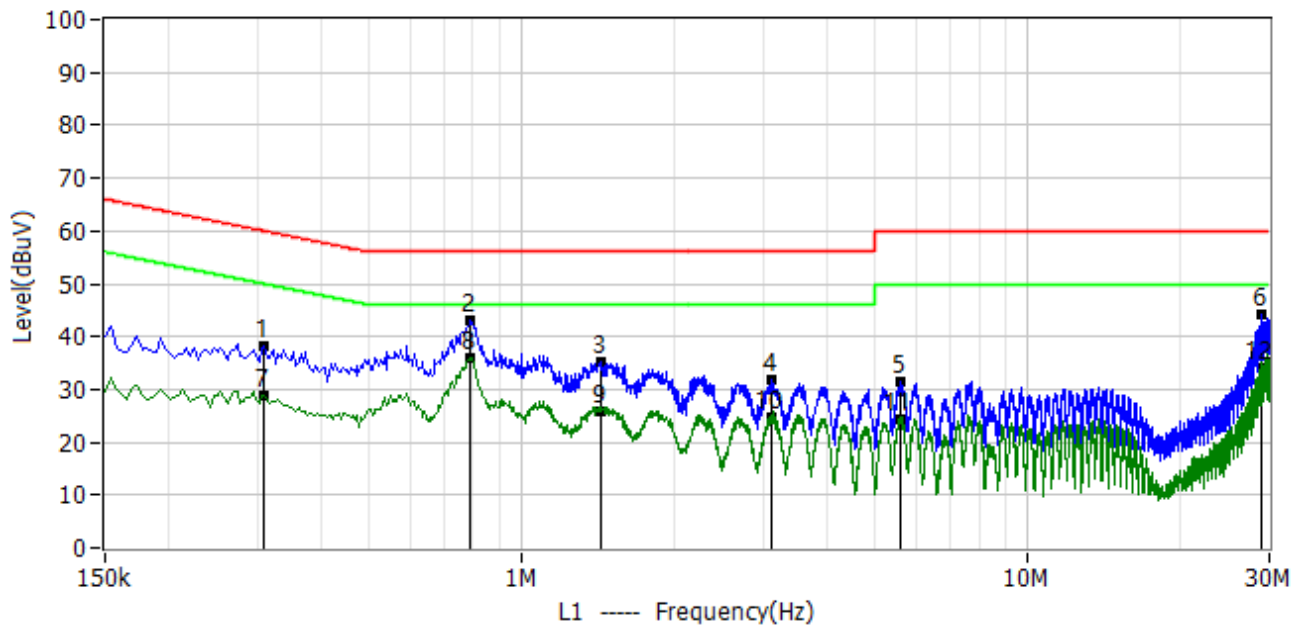
### 3.1.4 EUT OPERATING CONDITIONS

The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.



### 3.1.5 TEST RESULT

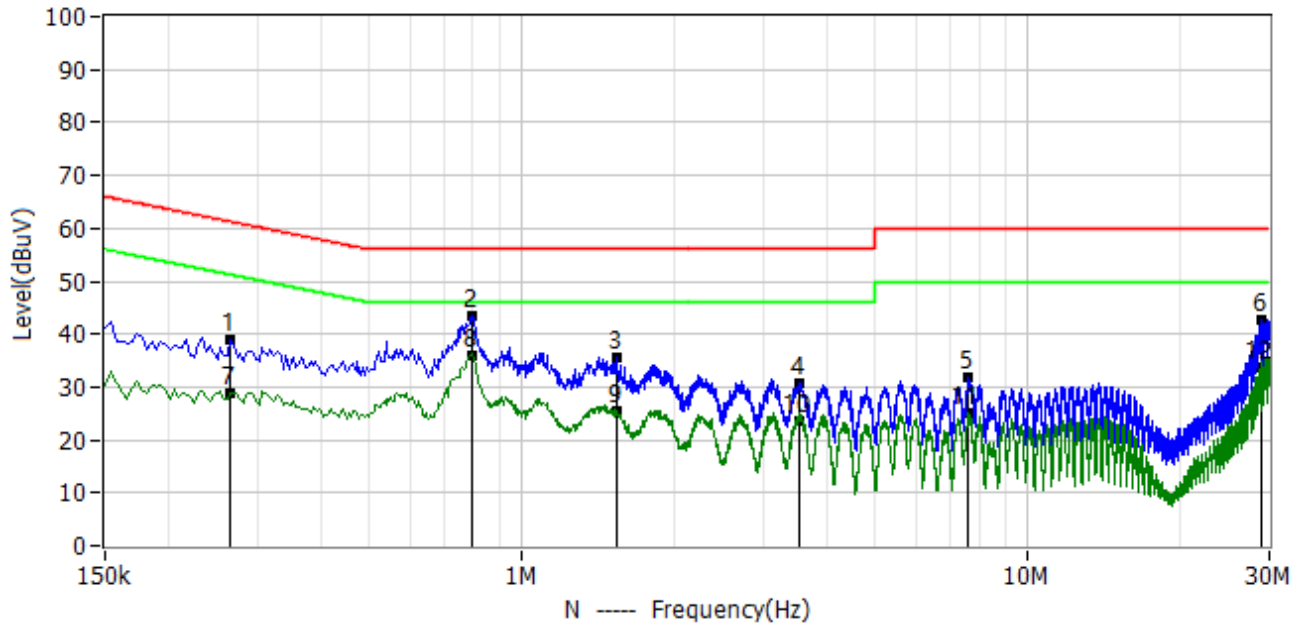
Project: LGT24H150	Test Engineer: LiuH
EUT: Smart Thermostat	Temperature: 24.8°C
M/N: TL04-1	Humidity: 44%RH
Test Voltage: AC 120V/60Hz	Test Data: 2024-10-22
Test Mode: TX 802.11b 2412	
Note:	



No.	Frequency MHz	Reading dBuV	Factor dB	Level dBuV	Limit dBuV	Margin dB	Detector	Polar
1*	0.310	27.47	10.58	38.05	59.97	-21.92	QP	L1
2*	0.790	32.36	10.60	42.96	56.00	-13.04	QP	L1
3*	1.434	24.29	10.82	35.11	56.00	-20.89	QP	L1
4*	3.126	20.78	11.19	31.97	56.00	-24.03	QP	L1
5*	5.586	20.24	11.05	31.29	60.00	-28.71	QP	L1
6*	28.998	32.24	11.93	44.17	60.00	-15.83	QP	L1
7*	0.310	18.32	10.58	28.90	50.00	-21.10	AV	L1
8*	0.790	25.40	10.60	36.00	46.00	-10.00	AV	L1
9*	1.434	15.08	10.82	25.90	46.00	-20.10	AV	L1
10*	3.126	13.51	11.19	24.70	46.00	-21.30	AV	L1
11*	5.586	13.45	11.05	24.50	50.00	-25.50	AV	L1
12*	28.998	21.97	11.93	33.90	50.00	-16.10	AV	L1



Project: LGT24H150	Test Engineer: LiuH
EUT: Smart Thermostat	Temperature: 24.8°C
M/N: TL04-1	Humidity: 44%RH
Test Voltage: AC 120V/60Hz	Test Data: 2024-10-22
Test Mode: TX 802.11b 2412	
Note:	



No.	Frequency MHz	Reading dBuV	Factor dB	Level dBuV	Limit dBuV	Margin dB	Detector	Polar
1*	0.266	28.23	10.58	38.81	61.24	-22.43	QP	N
2*	0.794	32.72	10.56	43.28	56.00	-12.72	QP	N
3*	1.534	25.07	10.66	35.73	56.00	-20.27	QP	N
4*	3.518	19.96	10.80	30.76	56.00	-25.24	QP	N
5*	7.638	20.97	10.85	31.82	60.00	-28.18	QP	N
6*	29.018	30.89	11.89	42.78	60.00	-17.22	QP	N
7*	0.266	18.12	10.58	28.70	51.20	-22.50	AV	N
8*	0.794	25.44	10.56	36.00	46.00	-10.00	AV	N
9*	1.534	14.74	10.66	25.40	46.00	-20.60	AV	N
10*	3.518	12.80	10.80	23.60	46.00	-22.40	AV	N
11*	7.638	14.25	10.85	25.10	50.00	-24.90	AV	N
12*	29.018	21.71	11.89	33.60	50.00	-16.40	AV	N





### 3.2 RADIATED EMISSION MEASUREMENT

#### 3.2.1 RADIATED EMISSION LIMITS

In any 100 kHz bandwidth outside the operating frequency band. In case the emission fall within the Restricted band specified on Part15.205(a)&209(a), RSS-Gen and RSS-247 (5.5) limit in the table and according to ANSI C63.10-2013 below has to be followed.

LIMITS OF RADIATED EMISSION MEASUREMENT (0.009MHz - 1000MHz)

Frequencies (MHz)	Field Strength (micorvolts/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

LIMITS OF RADIATED EMISSION MEASUREMENT (1000MHz-25GHz)

FREQUENCY (MHz)	(dBuV/m) (at 3M)	
	PEAK	AVERAGE
Above 1000	74	54

Notes:

- (1) The limit for radiated test was performed according to FCC PART 15C.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m)=20log Emission level (uV/m).

#### LIMITS OF RESTRICTED FREQUENCY BANDS

FREQUENCY (MHz)	FREQUENCY (MHz)	FREQUENCY (MHz)	FREQUENCY (GHz)
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	Above 38.6
13.36-13.41			



#### For Radiated Emission

Spectrum Parameter	Setting
Attenuation	Auto
Detector	Peak/QP/AV
Start Frequency	9 KHz/150KHz(Peak/QP/AV)
Stop Frequency	150KHz/30MHz(Peak/QP/AV)
RB / VB (emission in restricted band)	200Hz (From 9kHz to 0.15MHz)/ 9KHz (From 0.15MHz to 30MHz); 200Hz (From 9kHz to 0.15MHz)/ 9KHz (From 0.15MHz to 30MHz)

Spectrum Parameter	Setting
Attenuation	Auto
Detector	Peak/QP
Start Frequency	30 MHz(Peak/QP)
Stop Frequency	1000 MHz (Peak/QP)
RB / VB (emission in restricted band)	120 KHz / 300 KHz

Spectrum Parameter	Setting
Attenuation	Auto
Detector	Peak
Start Frequency	1000 MHz(Peak/AV)
Stop Frequency	10th carrier hamonic(Peak/AV)
RB / VB (emission in restricted band)	1 MHz / 3 MHz(Peak) 1 MHz/1/T MHz(AVG)

#### For Restricted band

Spectrum Parameter	Setting
Detector	Peak
Start/Stop Frequency	Lower Band Edge: 2310 to 2430 MHz Upper Band Edge: 2445 to 2500 MHz
RB / VB	1 MHz / 3 MHz(Peak) 1 MHz/1/T MHz(AVG)



Receiver Parameter	Setting
Start ~ Stop Frequency	9kHz~90kHz / RB 200Hz for PK & AV
Start ~ Stop Frequency	90kHz~110kHz / RB 200Hz for QP
Start ~ Stop Frequency	110kHz~490kHz / RB 200Hz for PK & AV
Start ~ Stop Frequency	490kHz~30MHz / RB 9kHz for QP
Start ~ Stop Frequency	30MHz~1000MHz / RB 120kHz for QP

### 3.2.2 TEST PROCEDURE

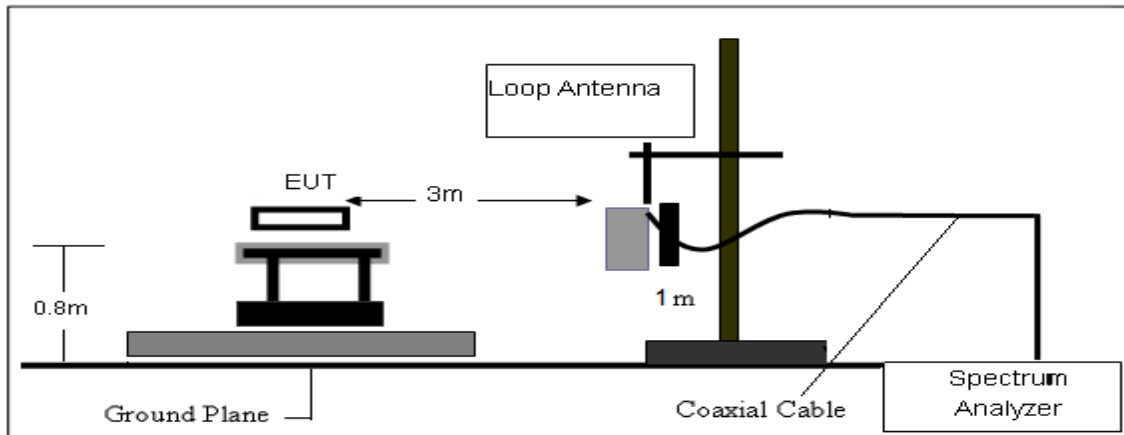
- The measuring distance at 3 m shall be used for measurements at frequency 0.009MHz up to 1GHz, and above 1GHz.
- The EUT was placed on the top of a rotating table 0.8 m (above 1GHz is 1.5 m) above the ground at a 3 m anechoic chamber test site. The table was rotated 360 degree to determine the position of the highest radiation.
- The height of the equipment shall be 0.8 m (above 1GHz is 1.5 m); the height of the test antenna shall vary between 1 m to 4 m. Horizontal and vertical polarization of the antenna are set to make the measurement.
- The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and QuasiPeak detector mode will be re-measured.
- If the Peak Mode measured value is compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and no additional QP Mode measurement was performed.
- For the actual test configuration, please refer to the related Item –EUT Test Photos.

**Note:**

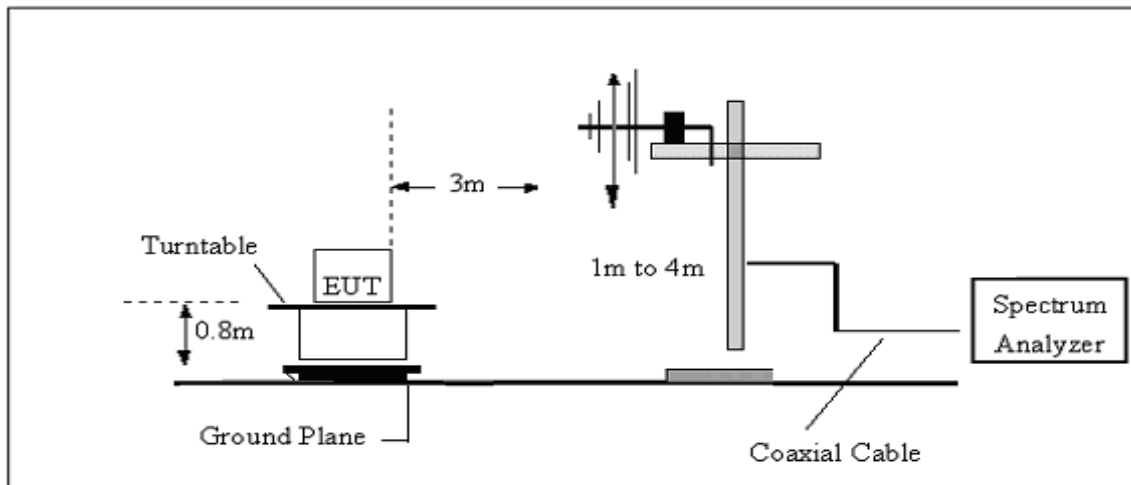
Both horizontal and vertical antenna polarities were tested and performed pretest to three orthogonal axis. The worst case emissions were reported.

### 3.2.3 TEST SETUP

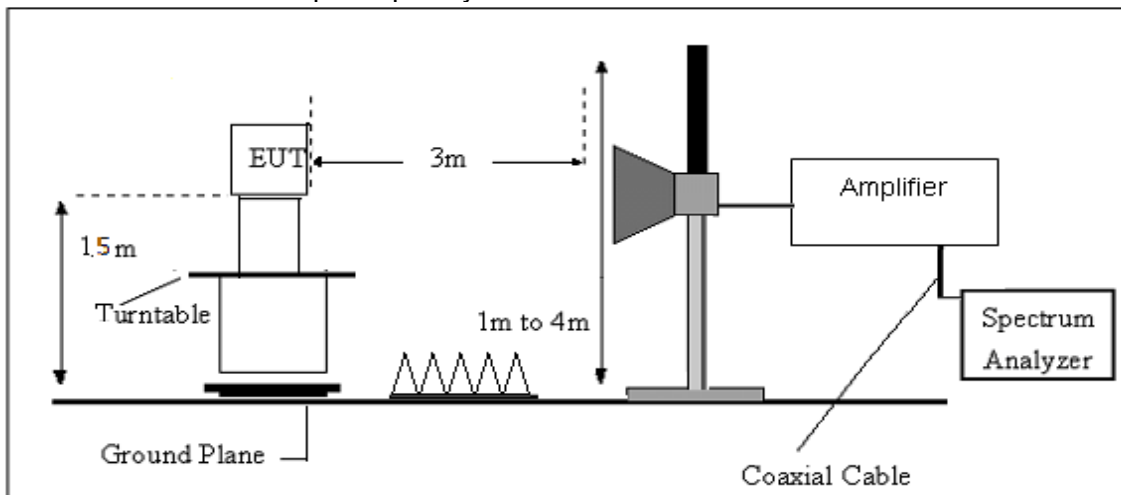
#### (A) Radiated Emission Test-Up Frequency Below 30MHz



#### (B) Radiated Emission Test-Up Frequency 30MHz~1GHz



#### (C) Radiated Emission Test-Up Frequency Above 1GHz



### 3.2.4 EUT OPERATING CONDITIONS

Please refer to section 3.1.4 of this report.



### 3.2.5 FIELD STRENGTH CALCULATION

The field strength is calculated by adding the Antenna Factor and Cable Factor and subtracting the Amplifier Gain and Duty Cycle Correction Factor (if any) from the measured reading. The basic equation with a sample calculation is as follows:

$$FS = RA + AF + CL - AG$$

Where

FS = Field Strength

CL = Cable Attenuation Factor (Cable Loss)

RA = Reading Amplitude

AG = Amplifier Gain

AF = Antenna Factor

For example

Frequency	FS	RA	AF	CL	AG	Factor
(MHz)	(dB $\mu$ V/m)	(dB $\mu$ V/m)	(dB)	(dB)	(dB)	(dB)
300	40	58.1	12.2	1.6	31.9	-18.1

$$\text{Factor} = AF + CL - AG$$



### 3.2.6 TEST RESULT

#### Results of Radiated Emissions (9 KHz~30MHz)

No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Remark
1*	-	-	-	-	-	-	-	See Note

#### Note:

The emission from 9 kHz to 30MHz was pre-tested and found the result was 20dB lower than the limit, and the permissible value has no need to be reported.

Distance extrapolation factor =  $40 \log (\text{specific distance} / \text{test distance})$  (dB);

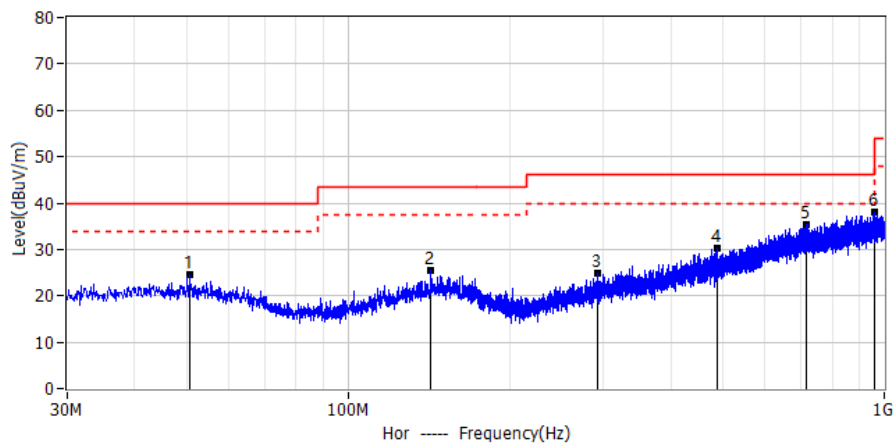
Limit line = specific limits (dBuV) + distance extrapolation factor.



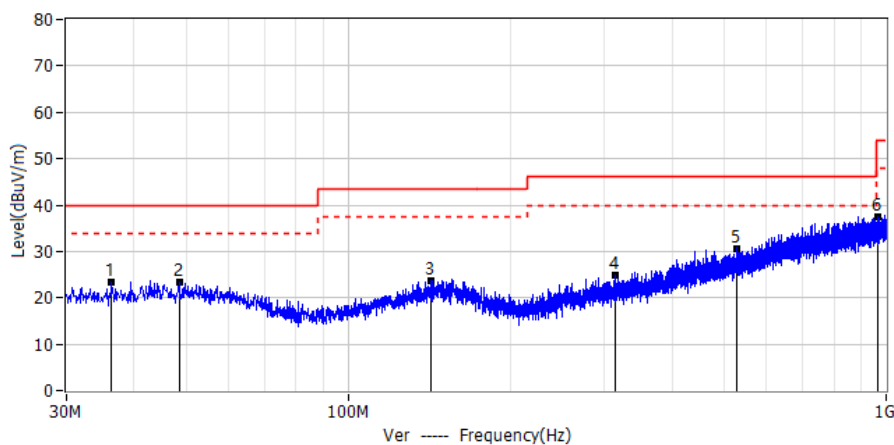
## Results of Radiated Emissions (30MHz~1000MHz)

Note All mode has been tested, only shown the worst case data.

Project: LGT24H150	Test Engineer: LiuH
EUT: Smart Thermostat	Temperature: 24.8°C
M/N: TL04-1	Humidity: 44%RH
Test Voltage: AC 120V/60Hz	Test Data: 2024-10-22
Test Mode: TX 802.11b 2412	
Note:	



No.	Frequency MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	50.613	3.92	20.55	24.47	40.00	-15.53	QP	Hor
2*	142.641	4.34	21.21	25.55	43.50	-17.95	QP	Hor
3*	291.900	3.75	21.24	24.99	46.00	-21.01	QP	Hor
4*	486.991	3.71	26.47	30.18	46.00	-15.82	QP	Hor
5*	717.124	4.53	30.73	35.26	46.00	-10.74	QP	Hor
6*	960.473	4.60	33.41	38.01	54.00	-15.99	QP	Hor



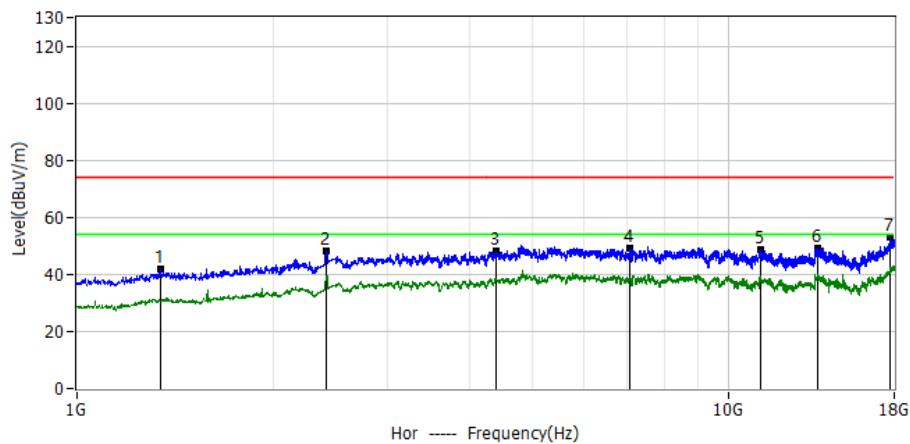
No.	Frequency MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	36.426	3.39	19.91	23.30	40.00	-16.70	QP	Ver
2*	48.551	2.76	20.52	23.28	40.00	-16.72	QP	Ver
3*	142.641	2.53	21.21	23.74	43.50	-19.76	QP	Ver
4*	313.725	2.92	22.01	24.93	46.00	-21.07	QP	Ver
5*	528.823	3.54	27.17	30.71	46.00	-15.29	QP	Ver
6*	966.535	3.89	33.58	37.47	54.00	-16.53	QP	Ver



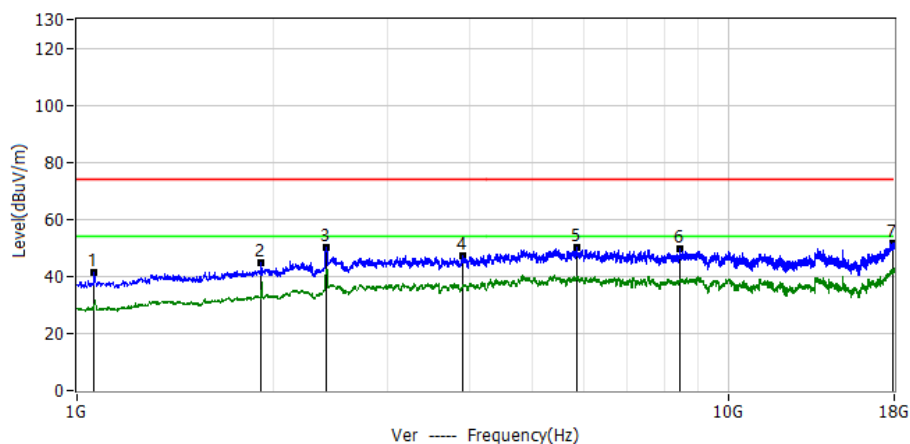
## Results of Radiated Emissions (Above 1000MHz)

Note All mode has been tested, only shown the worst case data.

Project: LGT24H150	Test Engineer: LiuH
EUT: Smart Thermostat	Temperature: 25.6°C
M/N: TL04-1	Humidity: 52%RH
Test Voltage: AC 120V/60Hz	Test Data: 2024-09-23
Test Mode: 802.11g 2412	
Note:	



No.	Frequency MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	1342.1000	63.70	-21.91	41.79	74.00	-32.21	PK	Hor
2*	2417.4000	59.74	-11.52	48.22	74.00	-25.78	PK	Hor
3*	4395.7000	54.35	-6.39	47.96	74.00	-26.04	PK	Hor
4*	7047.7000	57.22	-8.12	49.10	74.00	-24.90	PK	Hor
5*	11242.5000	54.92	-6.39	48.53	74.00	-25.47	PK	Hor
6*	13722.4000	52.79	-3.60	49.19	74.00	-24.81	PK	Hor
7*	17747.1000	56.05	-2.75	53.30	74.00	-20.70	PK	Hor

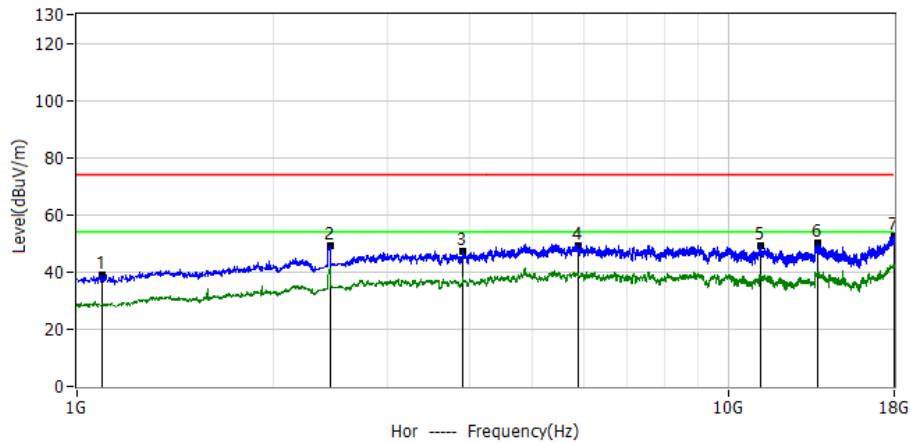


No.	Frequency MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	1061.6000	66.05	-24.44	41.61	74.00	-32.39	PK	Ver
2*	1920.1000	61.38	-16.66	44.72	74.00	-29.28	PK	Ver
3*	2419.5000	61.74	-11.50	50.24	74.00	-23.76	PK	Ver
4*	3913.4000	54.43	-7.06	47.37	74.00	-26.63	PK	Ver
5*	5851.4000	57.20	-7.23	49.97	74.00	-24.03	PK	Ver
6*	8418.4000	58.53	-9.02	49.51	74.00	-24.49	PK	Ver
7*	17910.7000	54.42	-2.63	51.79	74.00	-22.21	PK	Ver

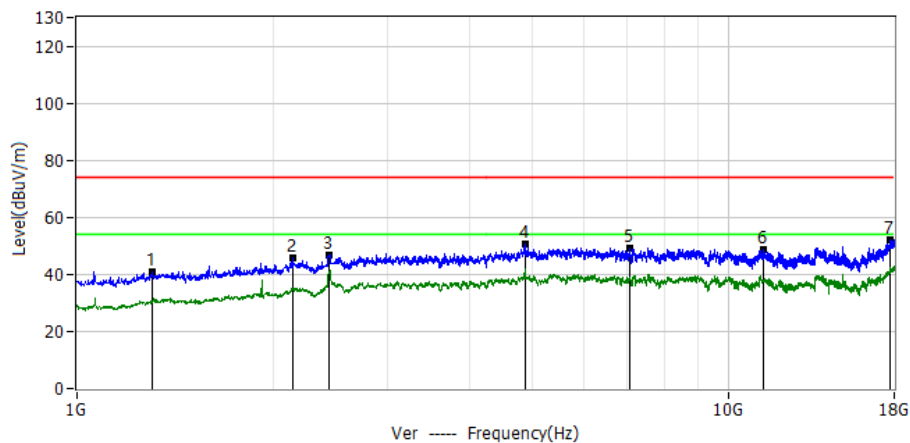




Project: LGT24H150	Test Engineer: LiuH
EUT: Smart Thermostat	Temperature: 25.6°C
M/N: TL04-1	Humidity: 52%RH
Test Voltage: AC 120V/60Hz	Test Data: 2024-09-23
Test Mode: 802.11g 2437	
Note:	



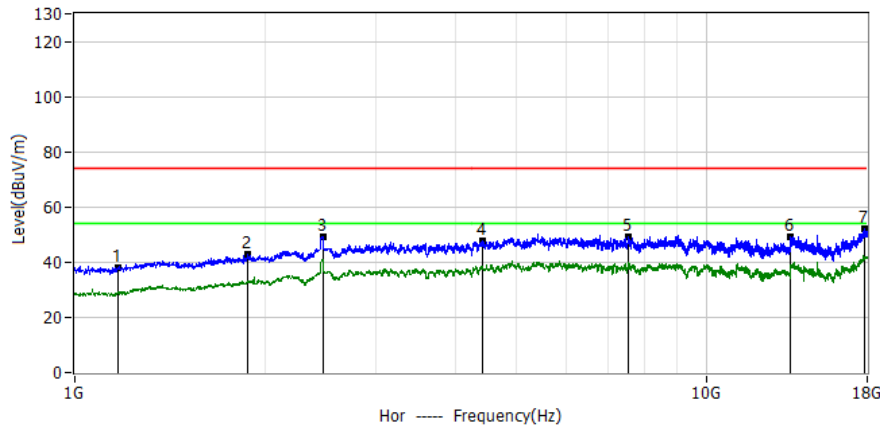
No.	Frequency MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	1091.4000	63.02	-24.16	38.86	74.00	-35.14	PK	Hor
2*	2445.0000	60.20	-11.24	48.96	74.00	-25.04	PK	Hor
3*	3911.2000	54.22	-7.06	47.16	74.00	-26.84	PK	Hor
4*	5881.1000	56.45	-7.26	49.19	74.00	-24.81	PK	Hor
5*	11208.5000	55.59	-6.42	49.17	74.00	-24.83	PK	Hor
6*	13733.0000	53.62	-3.57	50.05	74.00	-23.95	PK	Hor
7*	17983.0000	54.93	-2.58	52.35	74.00	-21.65	PK	Hor



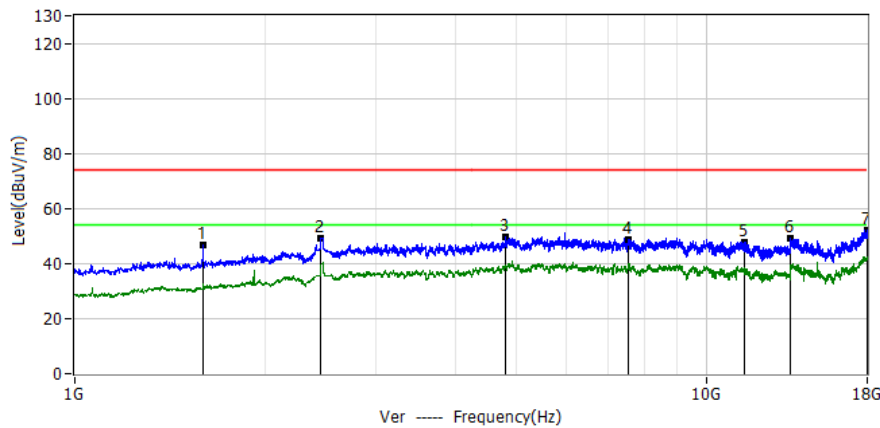
No.	Frequency MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	1306.0000	63.01	-22.22	40.79	74.00	-33.21	PK	Ver
2*	2141.1000	60.10	-14.35	45.75	74.00	-28.25	PK	Ver
3*	2440.7000	58.22	-11.28	46.94	74.00	-27.06	PK	Ver
4*	4873.9000	56.66	-6.06	50.60	74.00	-23.40	PK	Ver
5*	7062.6000	57.19	-8.13	49.06	74.00	-24.94	PK	Ver
6*	11357.2000	54.85	-6.29	48.56	74.00	-25.44	PK	Ver
7*	17768.4000	55.03	-2.73	52.30	74.00	-21.70	PK	Ver



Project: LGT24H150	Test Engineer: LiuH
EUT: Smart Thermostat	Temperature: 25.6°C
M/N: TL04-1	Humidity: 52%RH
Test Voltage: AC 120V/60Hz	Test Data: 2024-09-23
Test Mode: 802.11g 2462	
Note:	



No.	Frequency MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	1170.0000	61.61	-23.41	38.20	74.00	-35.80	PK	Hor
2*	1879.7000	60.12	-17.11	43.01	74.00	-30.99	PK	Hor
3*	2468.4000	60.14	-11.00	49.14	74.00	-24.86	PK	Hor
4*	4423.4000	54.29	-6.36	47.93	74.00	-26.07	PK	Hor
5*	7523.7000	57.53	-8.40	49.13	74.00	-24.87	PK	Hor
6*	13603.4000	53.07	-3.90	49.17	74.00	-24.83	PK	Hor
7*	17838.5000	54.88	-2.68	52.20	74.00	-21.80	PK	Hor



No.	Frequency MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	1595.0000	67.02	-20.10	46.92	74.00	-27.08	PK	Ver
2*	2455.6000	60.27	-11.13	49.14	74.00	-24.86	PK	Ver
3*	4816.5000	55.54	-6.09	49.45	74.00	-24.55	PK	Ver
4*	7530.1000	57.17	-8.42	48.75	74.00	-25.25	PK	Ver
5*	11491.1000	54.03	-6.17	47.86	74.00	-26.14	PK	Ver
6*	13607.6000	53.14	-3.89	49.25	74.00	-24.75	PK	Ver
7*	17991.5000	54.64	-2.58	52.06	74.00	-21.94	PK	Ver

#### Remark:

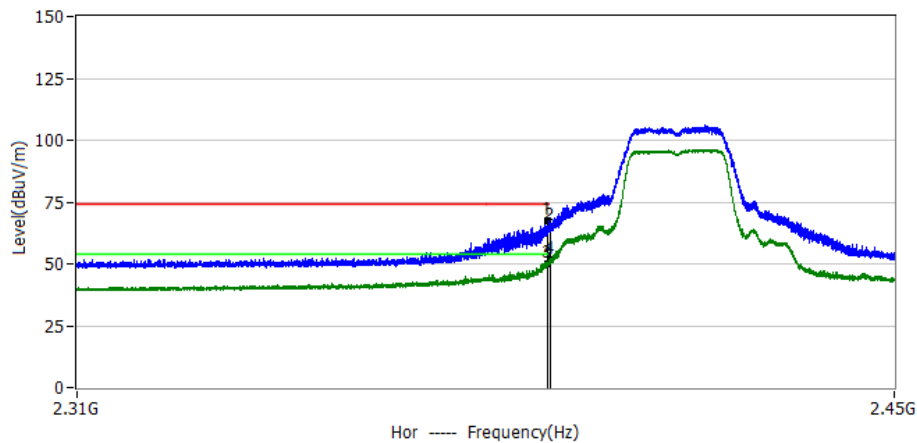
1. In frequency ranges 18~25GHz no any other harmonic emissions detected which are tested to compliance with the limit. No recording in the test report. No any other emissions level which are attenuated less than 20dB below the limit. No recording in the test report.

2. Average measurement was not performed if peak level lower than average limit. No any other emissions level which are attenuated less than 20dB below the limit. The amplitude of spurious emissions from intentional radiators and emissions from unintentional radiators which are attenuated more than 20 dB below the permissible value need not be reported unless specifically required elsewhere in this Part. Hence there no other emissions have been reported.

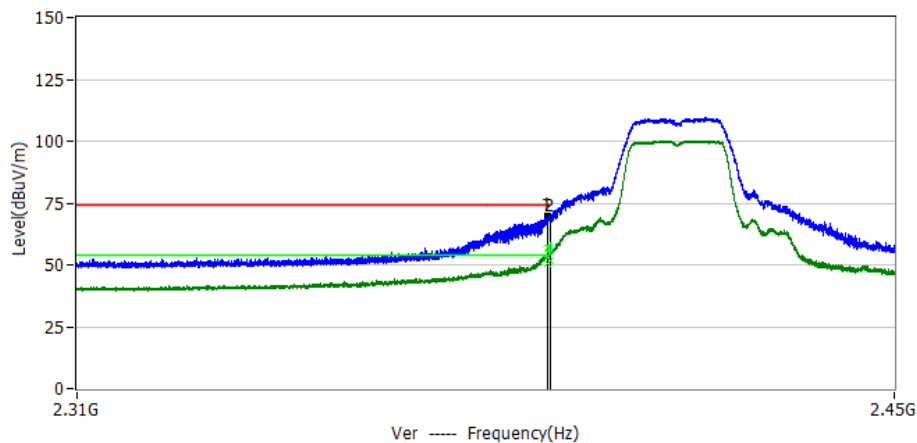


### 3.2.7 TEST RESULTS(Band edge Requirements)

Project: LGT24H150	Test Engineer: LiuH
EUT: Smart Thermostat	Temperature: 25.6°C
M/N: TL04-1	Humidity: 52%RH
Test Voltage: AC 120V/60Hz	Test Data: 2024-09-23
Test Mode: 802.11g 2412	
Note:	



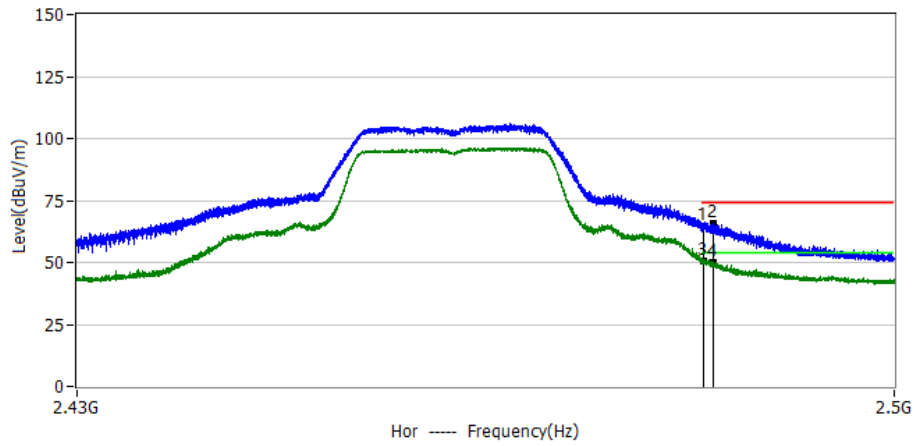
No.	Frequency MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	2389.7000	33.31	34.10	67.41	74.00	-6.59	PK	Hor
2*	2390.0000	31.30	34.10	65.40	74.00	-8.60	PK	Hor
3*	2389.7000	16.00	34.10	50.10	54.00	-3.90	AV	Hor
4*	2390.0000	17.40	34.10	51.50	54.00	-2.50	AV	Hor



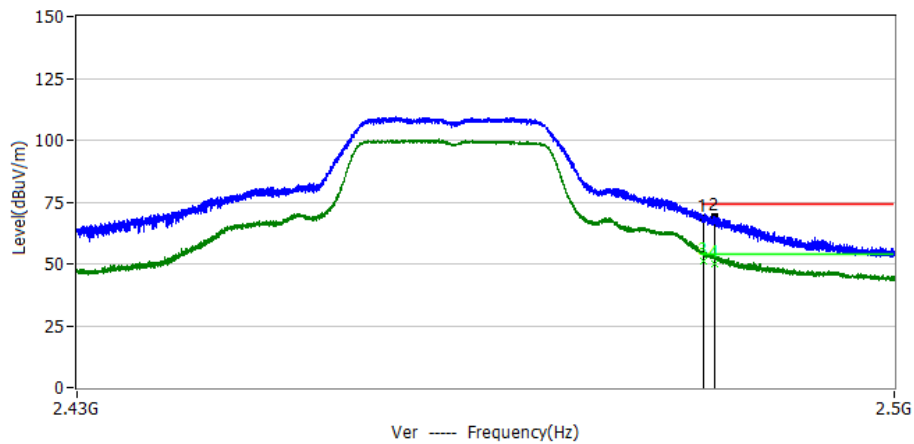
No.	Frequency MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	2389.5000	35.50	34.10	69.60	74.00	-4.40	PK	Ver
2*	2390.0000	34.90	34.10	69.00	74.00	-5.00	PK	Ver
3	2389.5000	16.73	34.10	50.83	54.00	-3.17	AV	Ver
4	2390.0000	17.41	34.10	51.51	54.00	-2.49	AV	Ver



Project: LGT24H150	Test Engineer: LiuH
EUT: Smart Thermostat	Temperature: 25.6°C
M/N: TL04-1	Humidity: 52%RH
Test Voltage: AC 120V/60Hz	Test Data: 2024-09-23
Test Mode: 802.11g 2462	
Note:	



No.	Frequency MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	2483.5000	30.26	34.44	64.70	74.00	-9.30	PK	Hor
2*	2484.3000	31.19	34.44	65.63	74.00	-8.37	PK	Hor
3*	2483.5000	15.86	34.44	50.30	54.00	-3.70	AV	Hor
4*	2484.3000	15.36	34.44	49.80	54.00	-4.20	AV	Hor



No.	Frequency MHz	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	2483.5000	34.26	34.44	68.70	74.00	-5.30	PK	Ver
2*	2484.5000	34.45	34.44	68.89	74.00	-5.11	PK	Ver
3	2483.5000	16.47	34.40	50.87	54.00	-3.13	AV	Ver
4	2484.5000	15.49	34.40	49.89	54.00	-4.11	AV	Ver



#### 4. CONDUCTED SPURIOUS & BAND EDGE EMISSION

##### 4.1 LIMIT

According to FCC section 15.247(d)& RSS-247 (5.5), in any 100kHz 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 20dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.

##### 4.2 TEST PROCEDURE

Spectrum Parameter	Setting
Detector	Peak
Start/Stop Frequency	30 MHz to 10th carrier harmonic
RB / VB (emission in restricted band)	100 KHz/300 KHz
Trace-Mode:	Max hold

For Band edge

Spectrum Parameter	Setting
Detector	Peak
Start/Stop Frequency	Lower Band Edge: 2300 to 2432 MHz Upper Band Edge: 2442 to 2500 MHz
RB / VB (emission in restricted band)	100 KHz/300 KHz
Trace-Mode:	Max hold

##### 4.3 DEVIATION FROM STANDARD

No deviation.

##### 4.4 TEST SETUP



The EUT is connected to the Spectrum Analyzer; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading.

Make the measurement with the spectrum analyzer's resolution bandwidth (RBW) = 100 kHz. In order to make an accurate measurement, set the span greater than RBW.

##### 4.5 EUT OPERATION CONDITIONS

Please refer to section 3.1.4 of this report.

##### 4.6 TEST RESULTS

For the measurement records, refer to the appendix I.



## 5. POWER SPECTRAL DENSITY TEST

### 5.1 LIMIT

Section	Test Item	Limit	Frequency Range (MHz)	Result
15.247(e) RSS-247	Power Spectral Density	$\leq 8$ dBm (RBW $\geq 3$ KHz)	2400-2483.5	PASS

### 5.2 TEST PROCEDURE

1. Set analyzer center frequency to DTS channel center frequency.
2. Set the span to 1.5 times the DTS channel bandwidth.
3. Set the  $100 \text{ kHz} \geq \text{RBW} \geq 3 \text{ kHz}$ .
4. Set the  $\text{VBW} \geq 3 \times \text{RBW}$ .
5. Detector = peak.
6. Sweep time = auto couple.
7. Trace mode = max hold.
8. Allow trace to fully stabilize.
9. Use the peak marker function to determine the maximum amplitude level.
10. If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.

### 5.3 DEVIATION FROM STANDARD

No deviation.

### 5.4 TEST SETUP



### 5.5 EUT OPERATION CONDITIONS

Please refer to section 3.1.4 of this report.

### 5.6 TEST RESULTS

For the measurement records, refer to the appendix I.



## 6. BANDWIDTH TEST

### 6.1 LIMIT

Section	Test Item	Limit	Frequency Range (MHz)	Result
15.247(a)(2) RSS-247 5.2 (a)	Bandwidth	$\geq 500\text{KHz}$ (6dB bandwidth)	2400-2483.5	PASS
RSS-Gen Clause 6.7	99% Bandwidth	For reporting purposes only.	2400-2483.5	PASS

### 6.2 TEST PROCEDURE

Connect the UUT to the spectrum analyser and use the following settings:

Center Frequency	The centre frequency of the channel under test
Detector	Peak
RBW	For 6 dB Bandwidth: 100KHz For 99% Bandwidth: 1% to 5% of the occupied bandwidth
VBW	For 6 dB Bandwidth: $\geq 3 \times \text{RBW}$ For 99% Bandwidth: approximately $3 \times \text{RBW}$
Trace	Max hold
Sweep	Auto

Allow the trace to stabilize and measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB and 99% relative to the maximum level measured in the fundamental emission.

### 6.3 DEVIATION FROM STANDARD

No deviation.

### 6.4 TEST SETUP



### 6.5 EUT OPERATION CONDITIONS

Please refer to section 3.1.4 of this report.

### 6.6 TEST RESULTS

For the measurement records, refer to the appendix I.



## 7. PEAK OUTPUT POWER TEST

### 7.1 LIMIT

Section	Test Item	Limit	Frequency Range (MHz)	Result
15.247(b)(3) RSS 247	Output Power	1 watt or 30dBm	2400-2483.5	PASS
RSS-247	EIRP	4W	2400-2483.5	PASS

### 7.2 TEST PROCEDURE

One of the following procedures may be used to determine the maximum peak conducted output power of a DTS EUT.

RBW  $\geq$  DTS bandwidth

The following procedure shall be used when an instrument with a resolution bandwidth that is greater than the DTS bandwidth is available to perform the measurement:

- Set the RBW  $\geq$  DTS bandwidth.
- Set VBW  $\geq [3 \times \text{RBW}]$ .
- Set span  $\geq [3 \times \text{RBW}]$ .
- Sweep time = auto couple.
- Detector = peak.
- Trace mode = max hold.
- Allow trace to fully stabilize.
- Use peak marker function to determine the peak amplitude level.

Integrated band power method:

The following procedure can be used when the maximum available RBW of the instrument is less than the

DTS bandwidth:

- Set the RBW = 1 MHz.
- Set the VBW  $\geq [3 \times \text{RBW}]$ .
- Set the span  $\geq [1.5 \times \text{DTS bandwidth}]$ .
- Detector = peak.
- Sweep time = auto couple.
- Trace mode = max hold.
- Allow trace to fully stabilize.
- Use the instrument's band/channel power measurement function with the band limits set equal to the DTS bandwidth edges (for some instruments, this may require a manual override to select the peak detector). If the instrument does not have a band power function, then sum the spectrum levels (in linear power units) at intervals equal to the RBW extending across the DTS channel bandwidth.

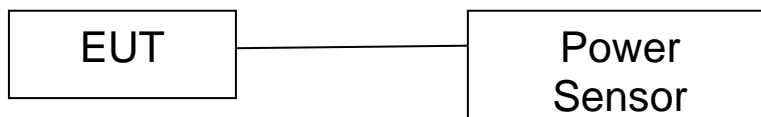
PKPM1 Peak power meter method:

The maximum peak conducted output power may be measured using a broadband peak RF power meter. The power meter shall have a video bandwidth that is greater than or equal to the DTS bandwidth and shall use a fast-responding diode detector.

### 7.3 DEVIATION FROM STANDARD

No deviation.

### 7.4 TEST SETUP



### 7.5 EUT OPERATION CONDITIONS

Please refer to section 3.1.4 of this report.

### 7.6 TEST RESULTS

For the measurement records, refer to the appendix I.





## 8. ANTENNA REQUIREMENT

### 8.1 STANDARD REQUIREMENT

15.203&RSS Gen requirement: For intentional device, according to 15.203&RSS Gen: 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.

### 8.2 EUT ANTENNA

The EUT antenna is FPC Antenna. It comply with the standard requirement.



## 9. FREQUENCY STABILITY

### 9.1 LIMITS OF FREQUENCY STABILITY MEASUREMENT

The frequency tolerance of the carrier signal shall be maintained within  $\pm 0.02\%$  of the operating frequency over a temperature variation of  $-30$  degrees to  $50$  degrees C at normal supply voltage, and for a variation in primary supply voltage from  $85\%$  to  $115\%$  of the rated supply voltage at a temperature of  $20$  degrees.

### 9.2 TEST PROCEDURE

1. The EUT was placed inside the environmental test chamber and powered by nominal DC voltage.
2. Turn the EUT on and couple its output to spectrum analyzer.
3. Turn the EUT off and set the chamber to the highest temperature specified.
4. Allow sufficient time (approximately 30 min) for the temperature of the chamber to stabilize, turn the EUT on and measure the operating frequency after 2, 5, and 10 minutes.
5. Repeat step 2 and 3 with the temperature chamber set to the lowest temperature.
6. The test chamber was allowed to stabilize at  $+20$  degree C for a minimum of 30 minutes. The supply voltage was then adjusted on the EUT from  $85\%$  to  $115\%$  and the frequency record.

### 9.3 TEST RESULT

For the measurement records, refer to the appendix I.



## APPENDIX I - TEST RESULTS

### Maximum Peak Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	18.26	30	Pass
NVNT	b	2437	Ant1	17.66	30	Pass
NVNT	b	2462	Ant1	17.5	30	Pass
NVNT	g	2412	Ant1	19.51	30	Pass
NVNT	g	2437	Ant1	18.82	30	Pass
NVNT	g	2462	Ant1	18.86	30	Pass
NVNT	n20	2412	Ant1	19.4	30	Pass
NVNT	n20	2437	Ant1	18.82	30	Pass
NVNT	n20	2462	Ant1	18.6	30	Pass

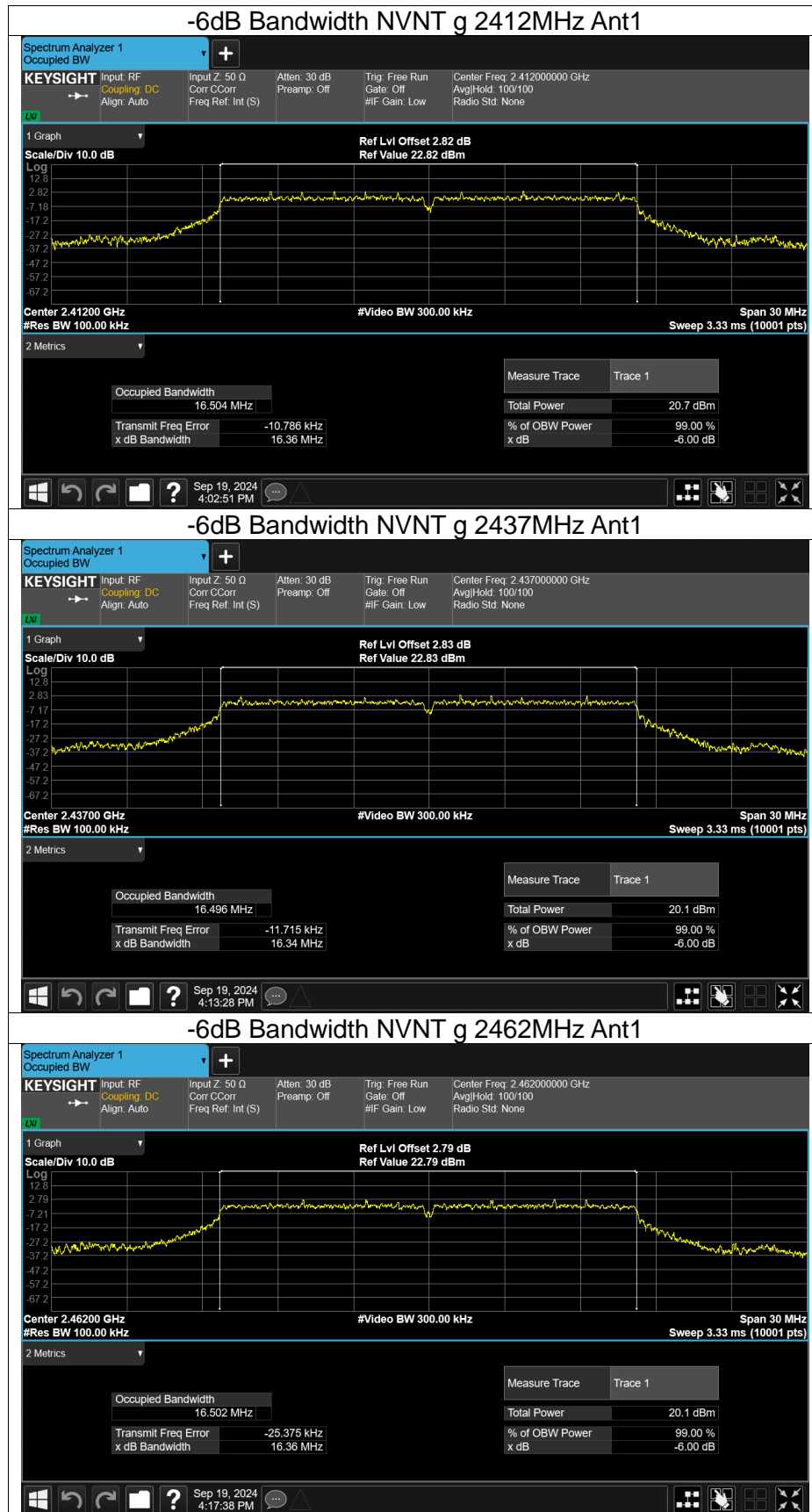
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	ANT GAIN (dBi)	EIRP (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	18.26	0.14	18.40	36	Pass
NVNT	b	2437	Ant1	17.66	0.14	17.80	36	Pass
NVNT	b	2462	Ant1	17.5	0.14	17.64	36	Pass
NVNT	g	2412	Ant1	19.51	0.14	19.65	36	Pass
NVNT	g	2437	Ant1	18.82	0.14	18.96	36	Pass
NVNT	g	2462	Ant1	18.86	0.14	19.00	36	Pass
NVNT	n20	2412	Ant1	19.4	0.14	19.54	36	Pass
NVNT	n20	2437	Ant1	18.82	0.14	18.96	36	Pass
NVNT	n20	2462	Ant1	18.6	0.14	18.74	36	Pass

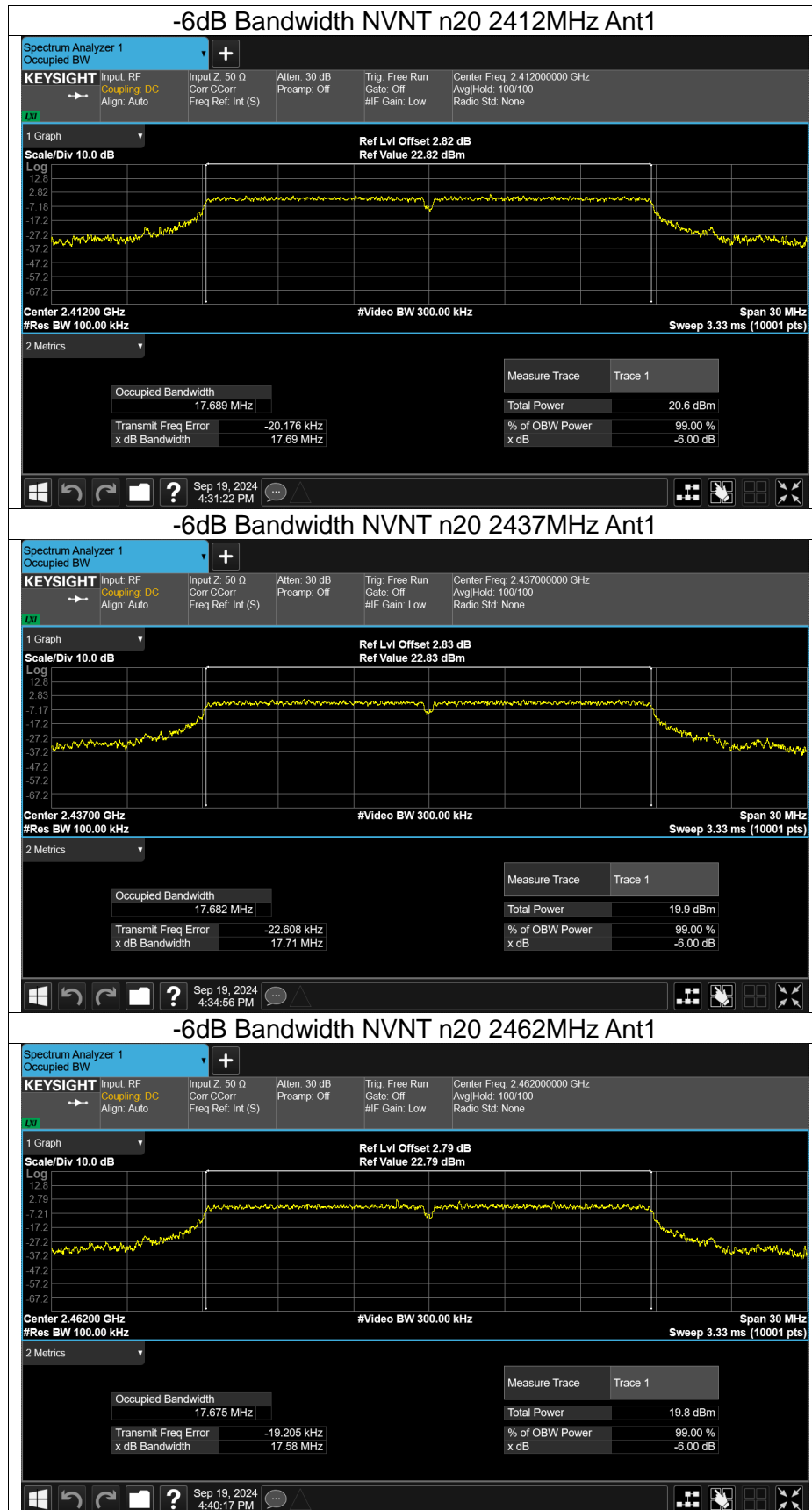


-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	8.057	0.5	Pass
NVNT	b	2437	Ant1	8.541	0.5	Pass
NVNT	b	2462	Ant1	9.01	0.5	Pass
NVNT	g	2412	Ant1	16.359	0.5	Pass
NVNT	g	2437	Ant1	16.344	0.5	Pass
NVNT	g	2462	Ant1	16.359	0.5	Pass
NVNT	n20	2412	Ant1	17.691	0.5	Pass
NVNT	n20	2437	Ant1	17.709	0.5	Pass
NVNT	n20	2462	Ant1	17.584	0.5	Pass







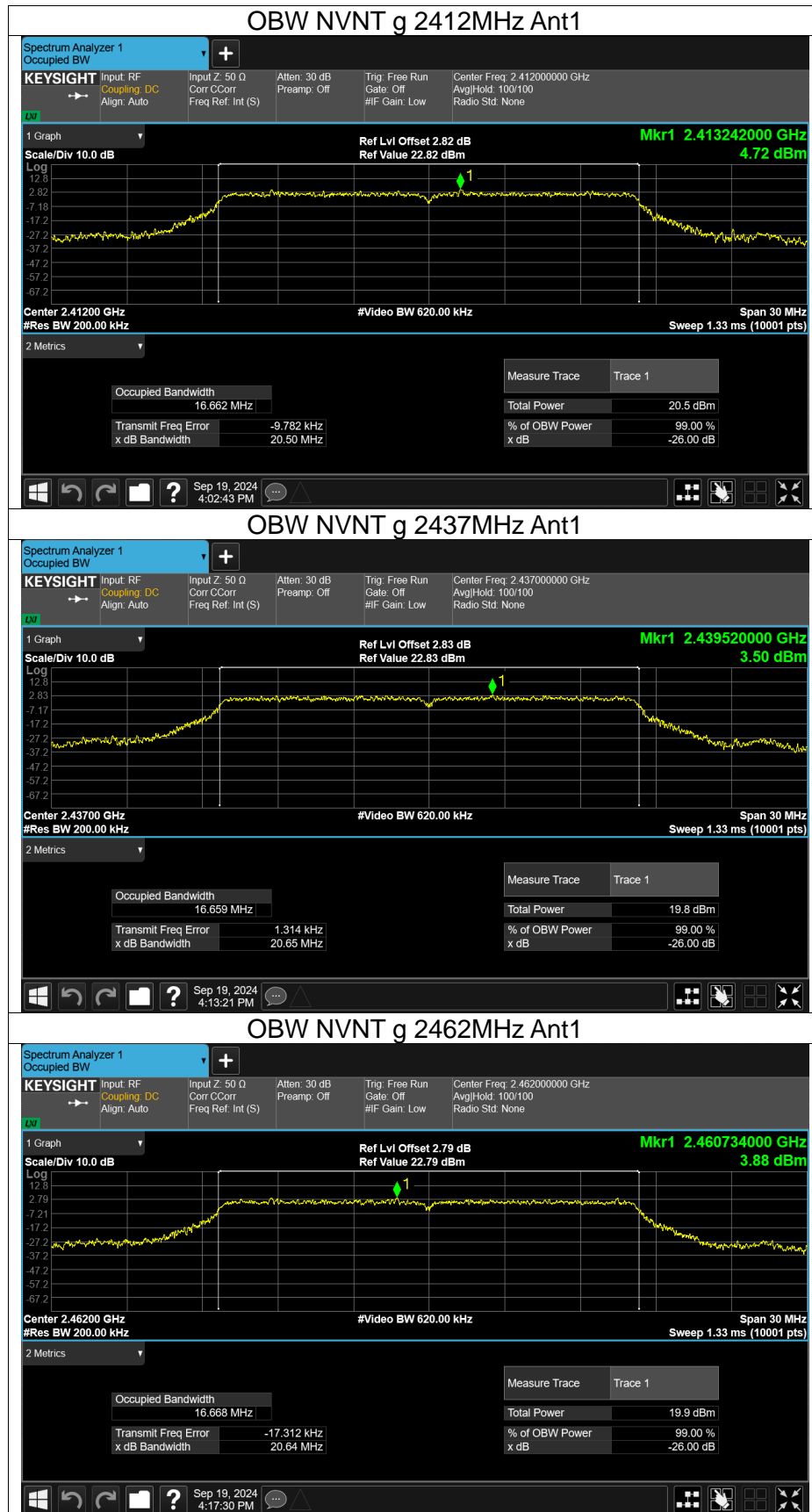


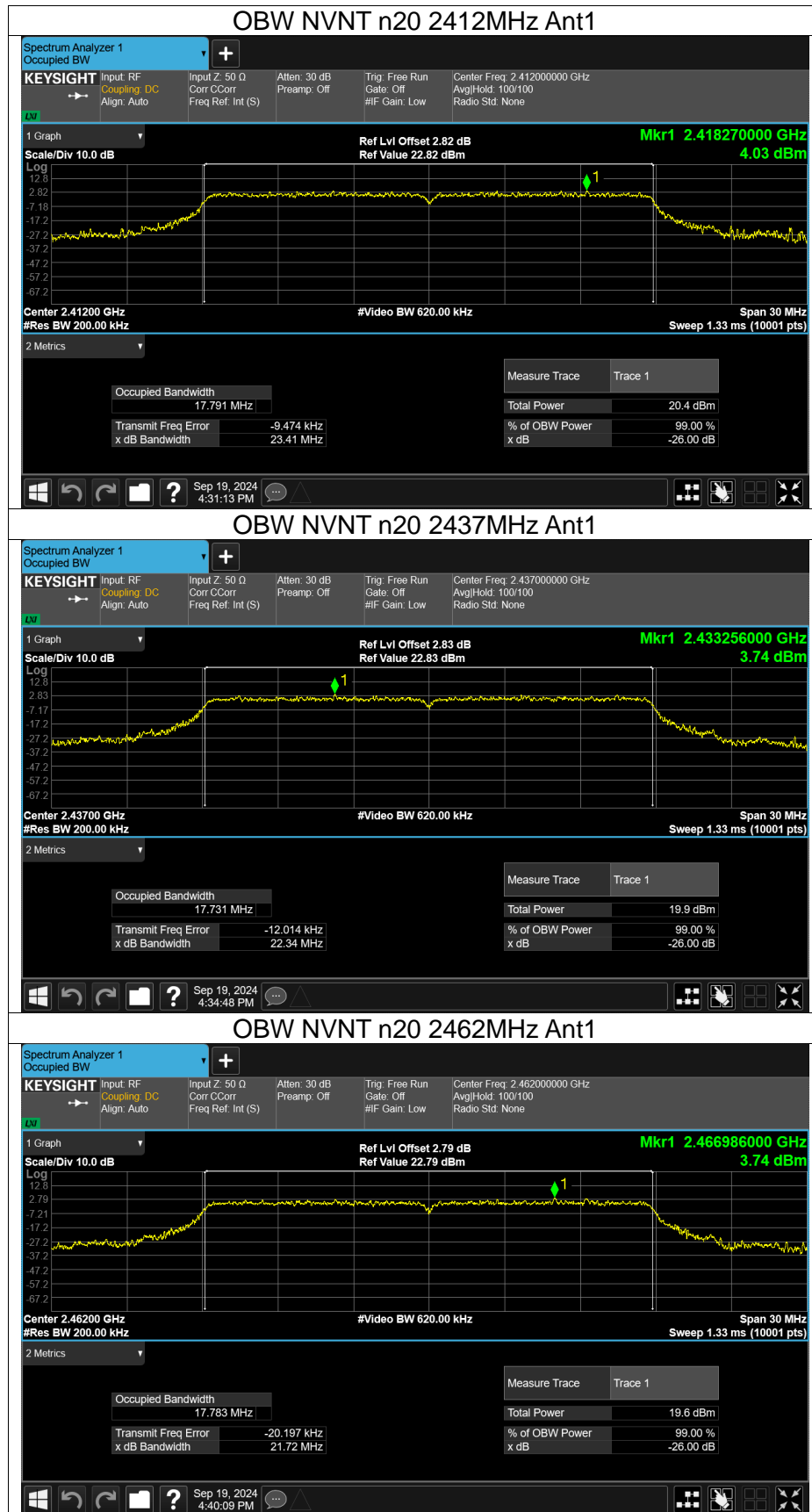
## Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	13.242
NVNT	b	2437	Ant1	13.485
NVNT	b	2462	Ant1	13.552
NVNT	g	2412	Ant1	16.662
NVNT	g	2437	Ant1	16.659
NVNT	g	2462	Ant1	16.668
NVNT	n20	2412	Ant1	17.791
NVNT	n20	2437	Ant1	17.731
NVNT	n20	2462	Ant1	17.783





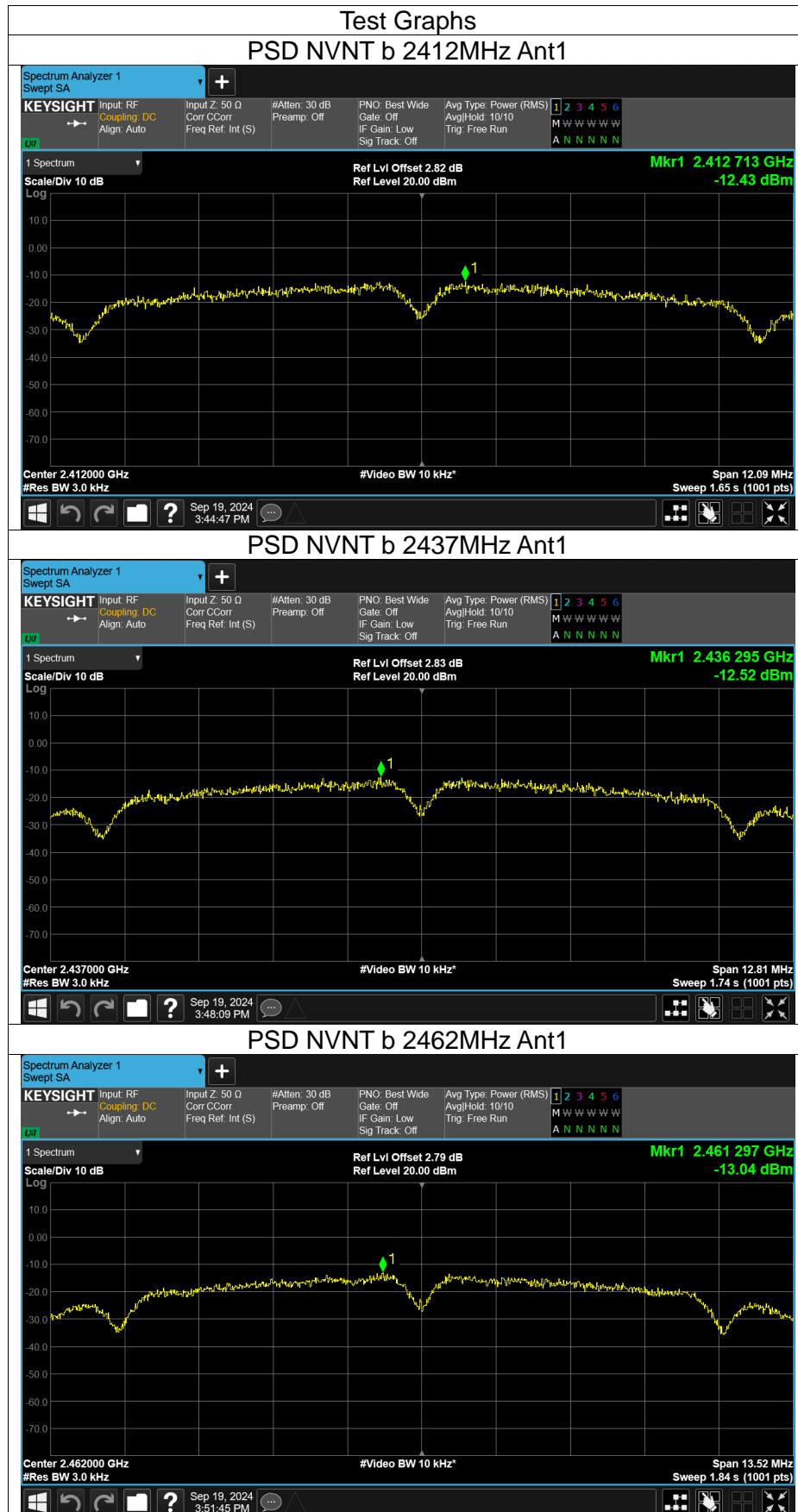


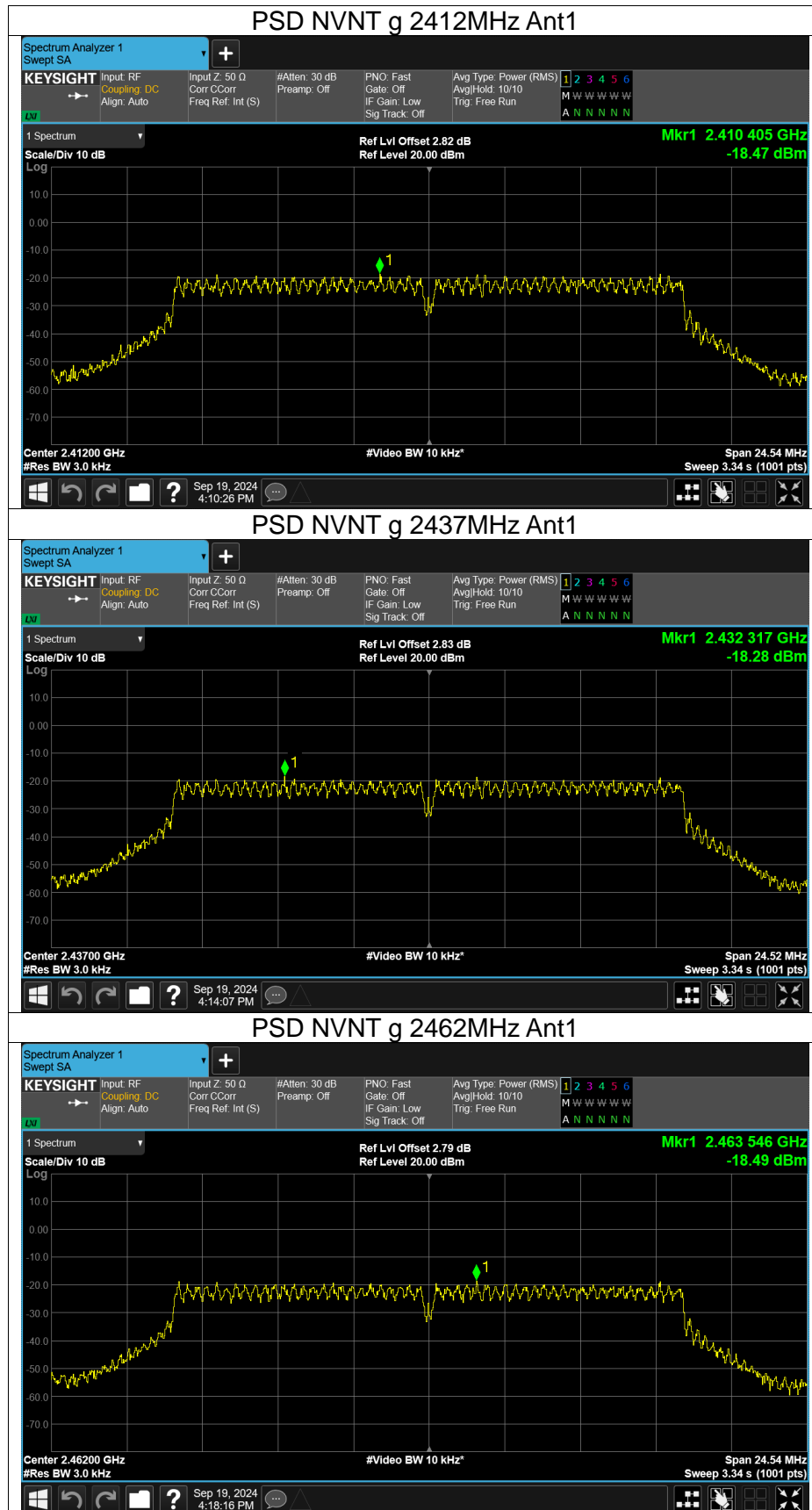


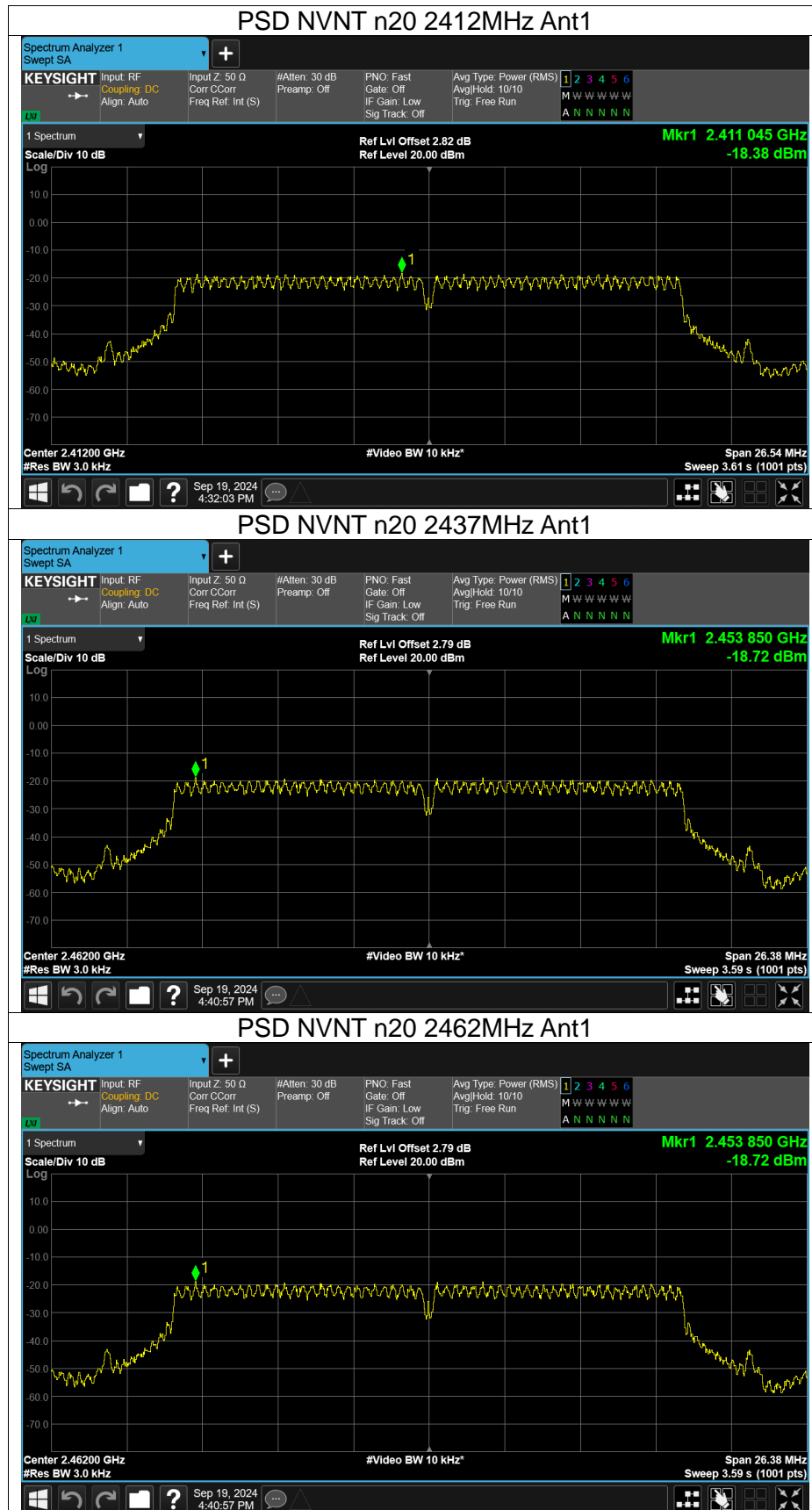


## Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant1	-12.43	8	Pass
NVNT	b	2437	Ant1	-12.52	8	Pass
NVNT	b	2462	Ant1	-13.04	8	Pass
NVNT	g	2412	Ant1	-18.47	8	Pass
NVNT	g	2437	Ant1	-18.28	8	Pass
NVNT	g	2462	Ant1	-18.49	8	Pass
NVNT	n20	2412	Ant1	-18.38	8	Pass
NVNT	n20	2437	Ant1	-19.01	8	Pass
NVNT	n20	2462	Ant1	-18.72	8	Pass





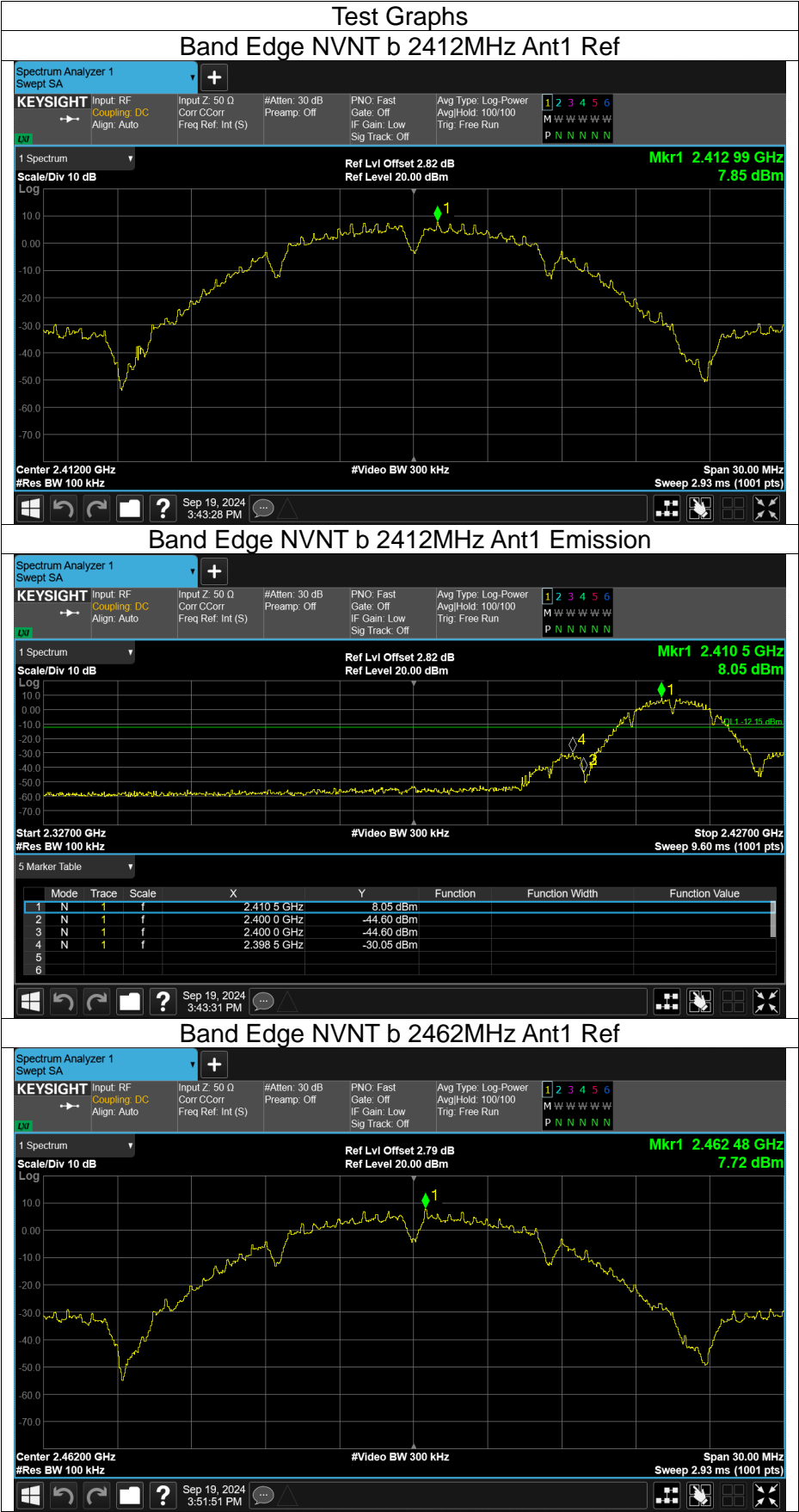


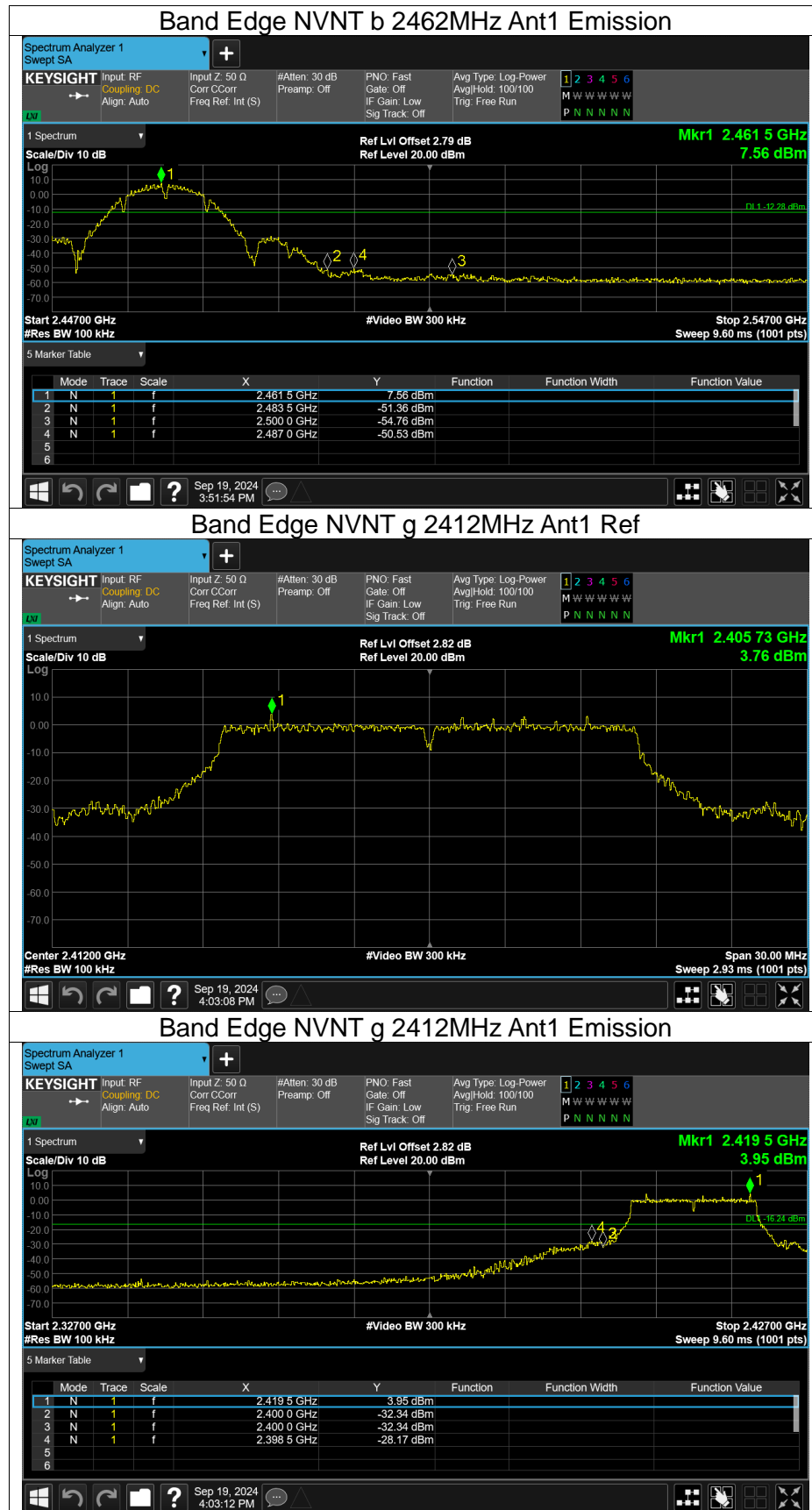


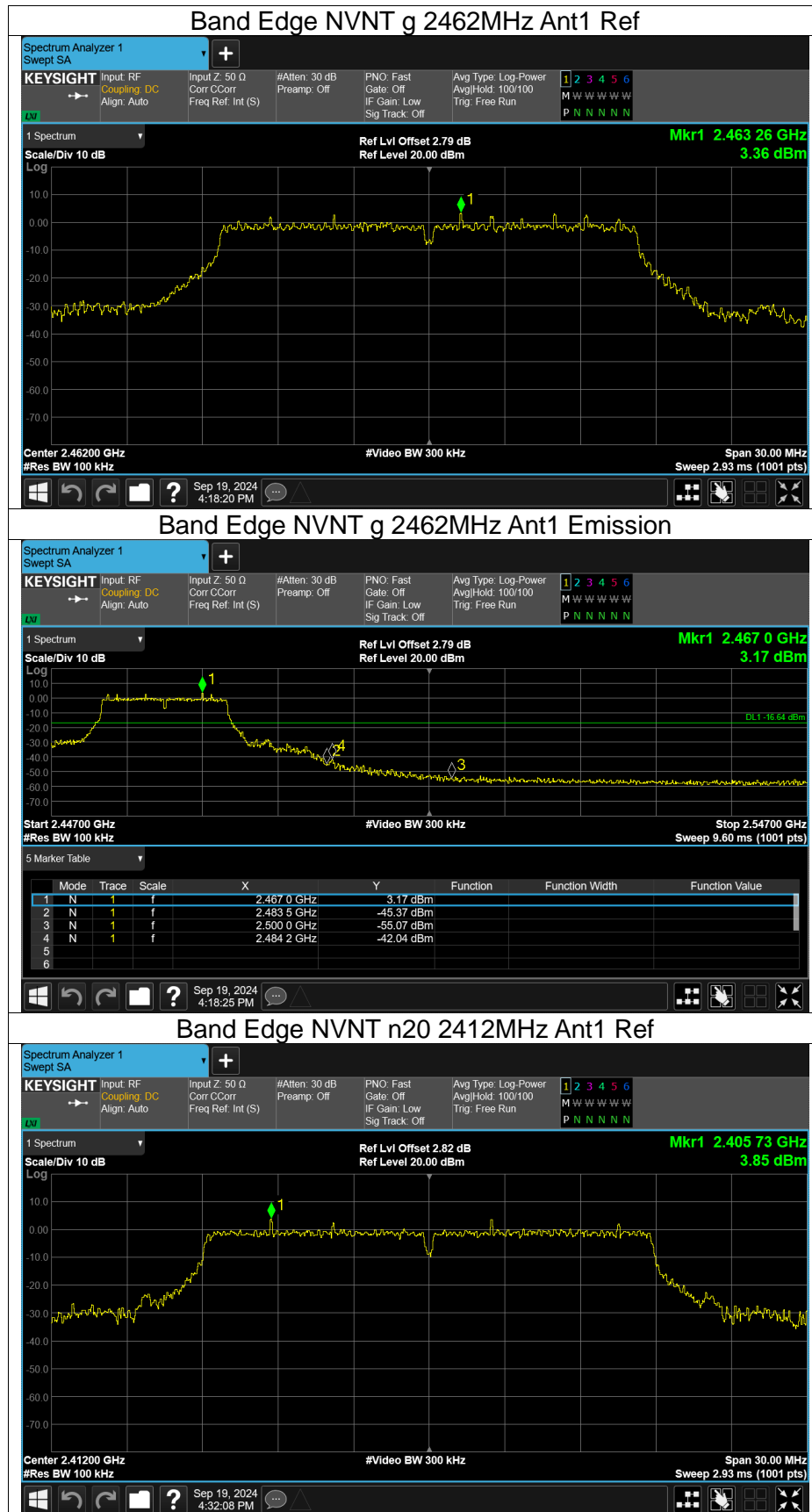
## Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-37.89	-20	Pass
NVNT	b	2462	Ant1	-58.24	-20	Pass
NVNT	g	2412	Ant1	-31.92	-20	Pass
NVNT	g	2462	Ant1	-45.4	-20	Pass
NVNT	n20	2412	Ant1	-30.41	-20	Pass
NVNT	n20	2462	Ant1	-40.88	-20	Pass







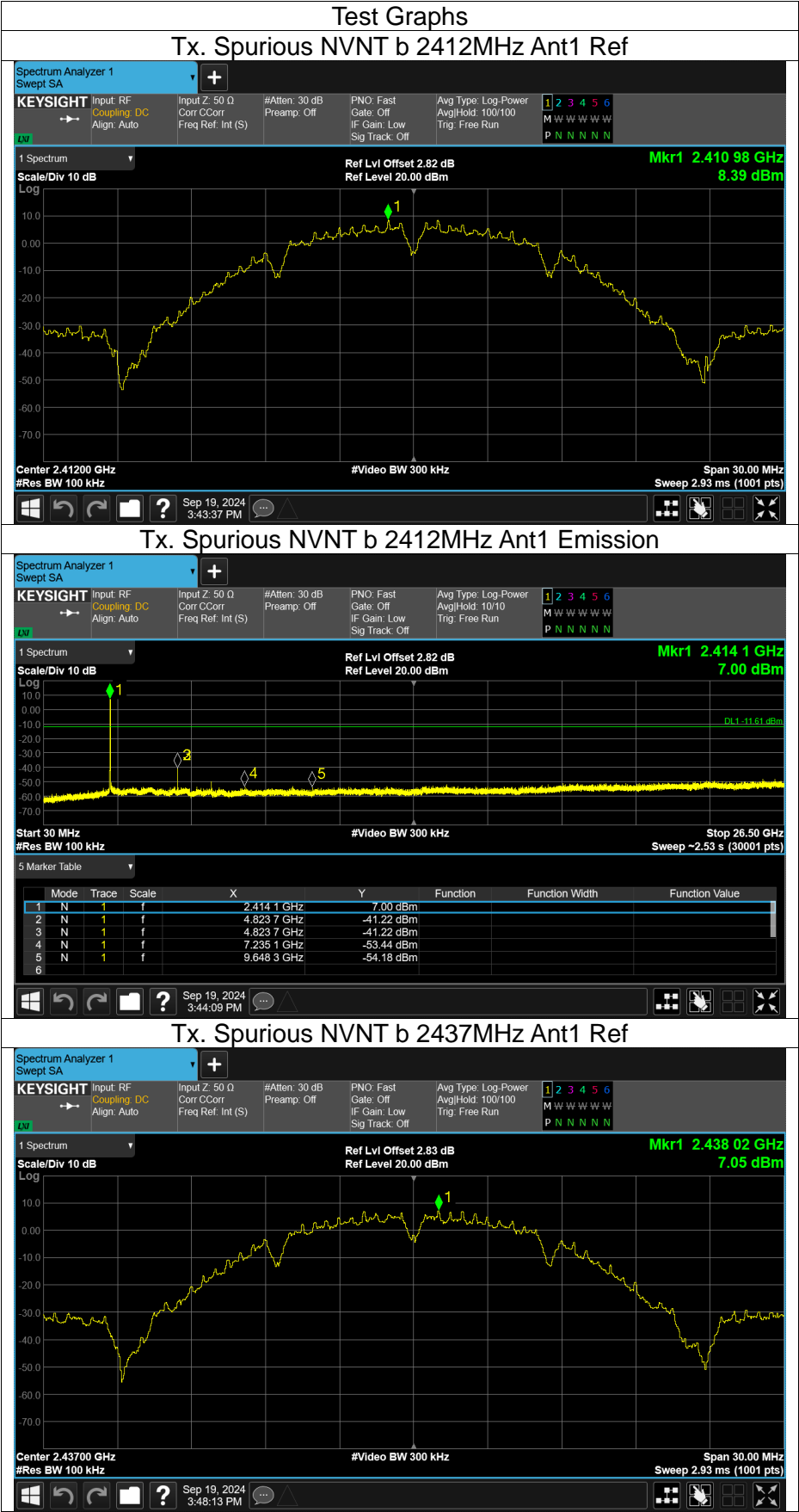


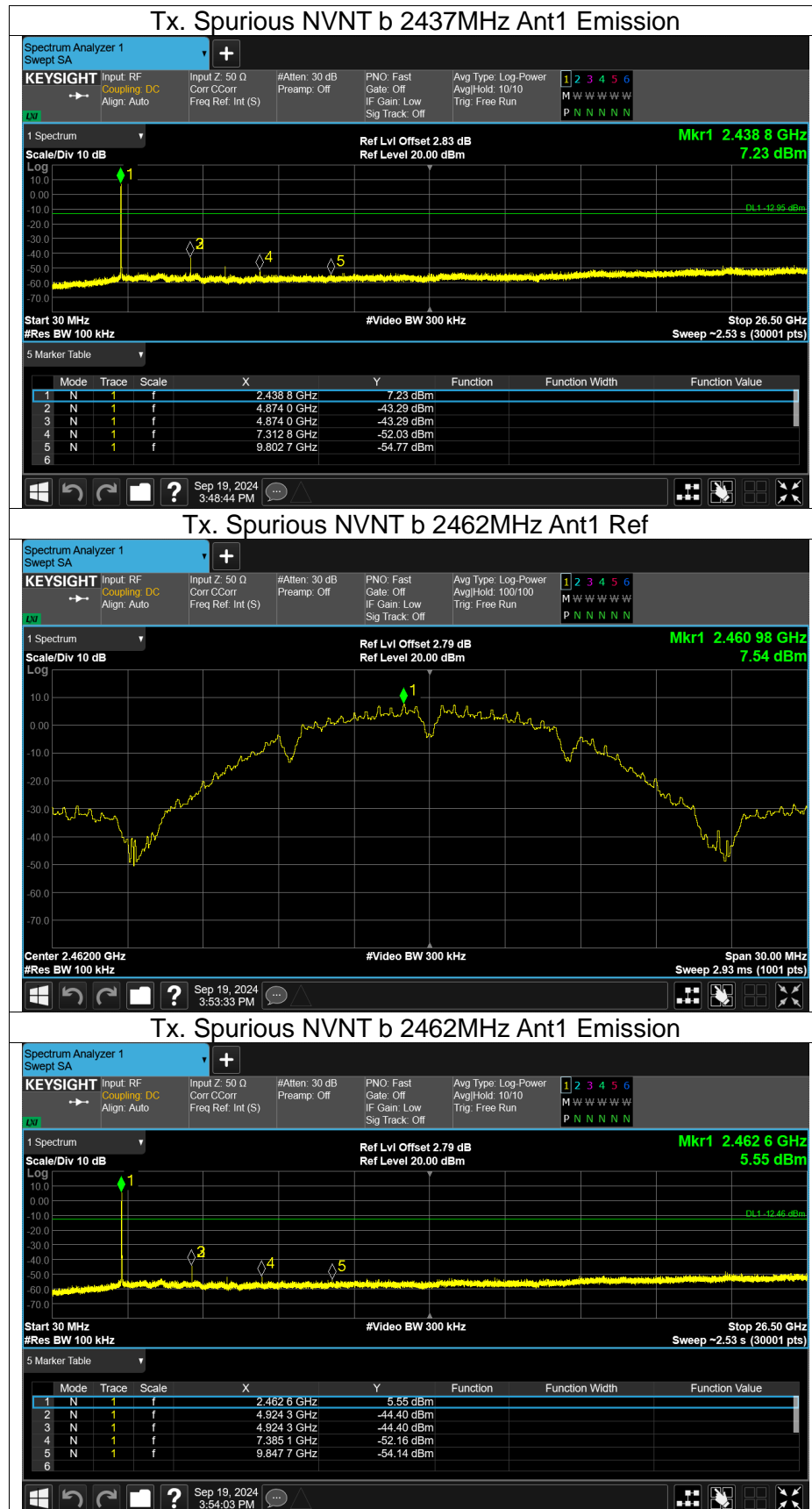


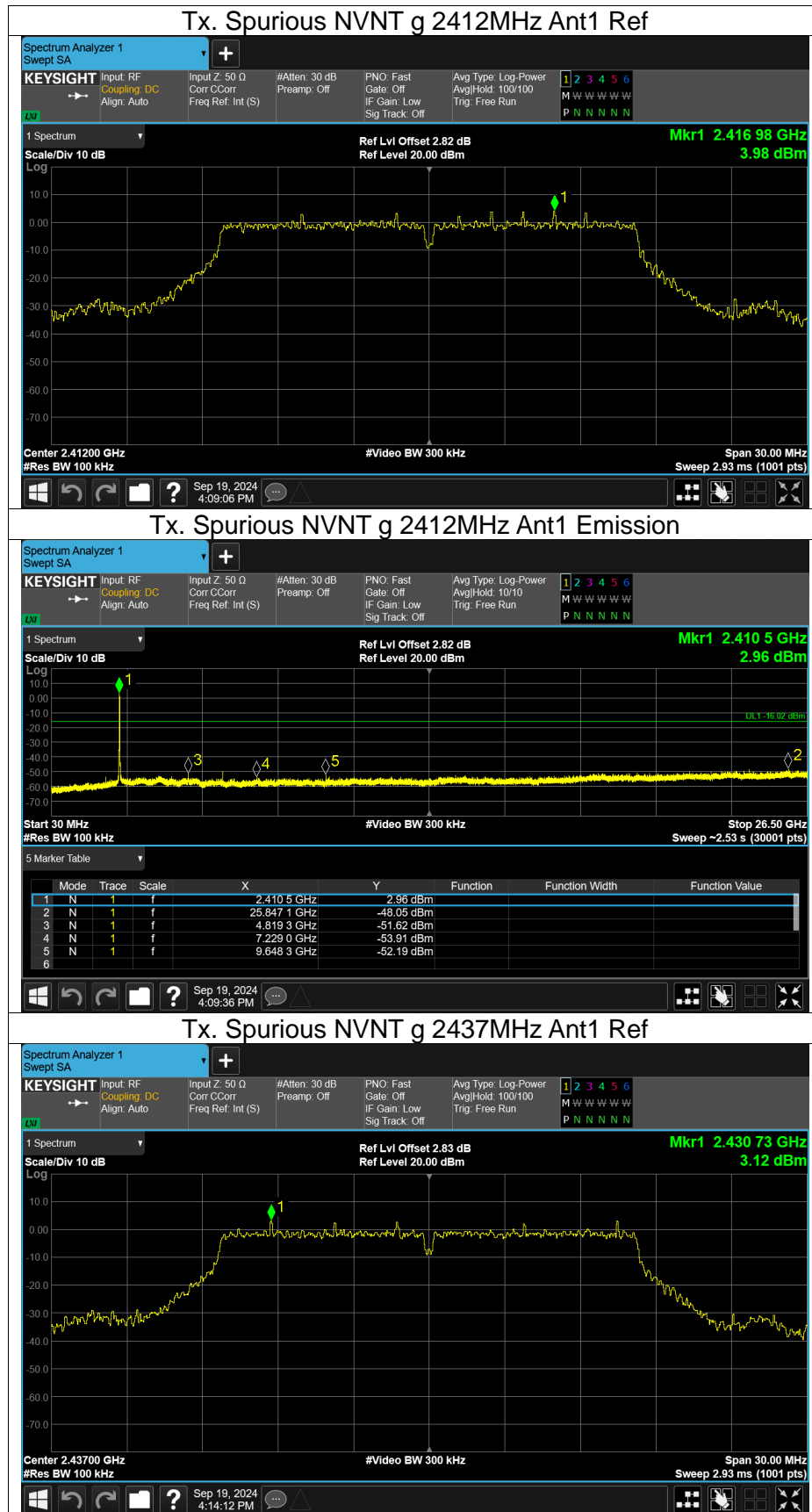


## Conducted RF Spurious Emission

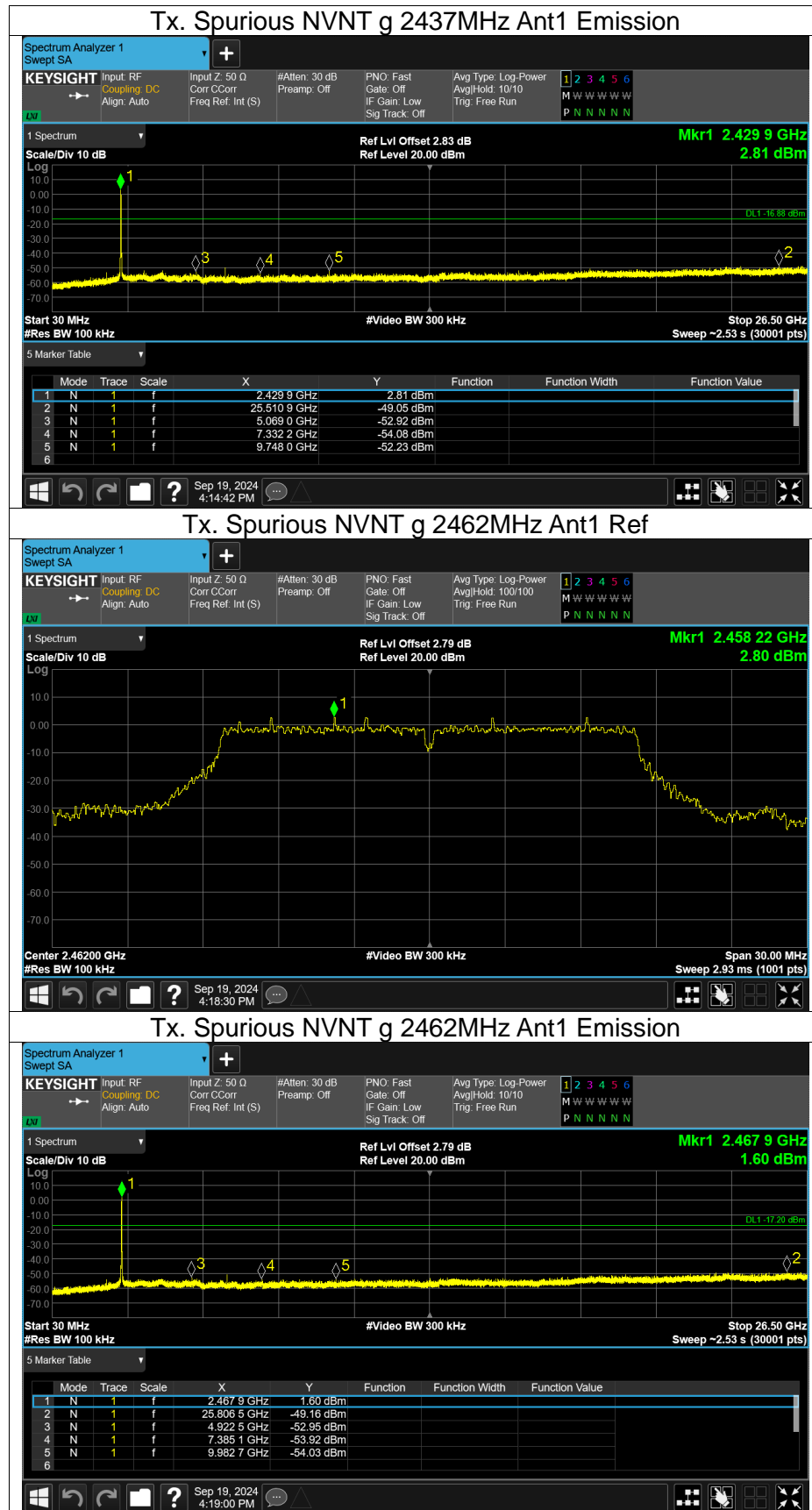
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-49.6	-20	Pass
NVNT	b	2437	Ant1	-50.33	-20	Pass
NVNT	b	2462	Ant1	-51.93	-20	Pass
NVNT	g	2412	Ant1	-52.02	-20	Pass
NVNT	g	2437	Ant1	-52.17	-20	Pass
NVNT	g	2462	Ant1	-51.96	-20	Pass
NVNT	n20	2412	Ant1	-51.66	-20	Pass
NVNT	n20	2437	Ant1	-49.02	-20	Pass
NVNT	n20	2462	Ant1	-48.88	-20	Pass

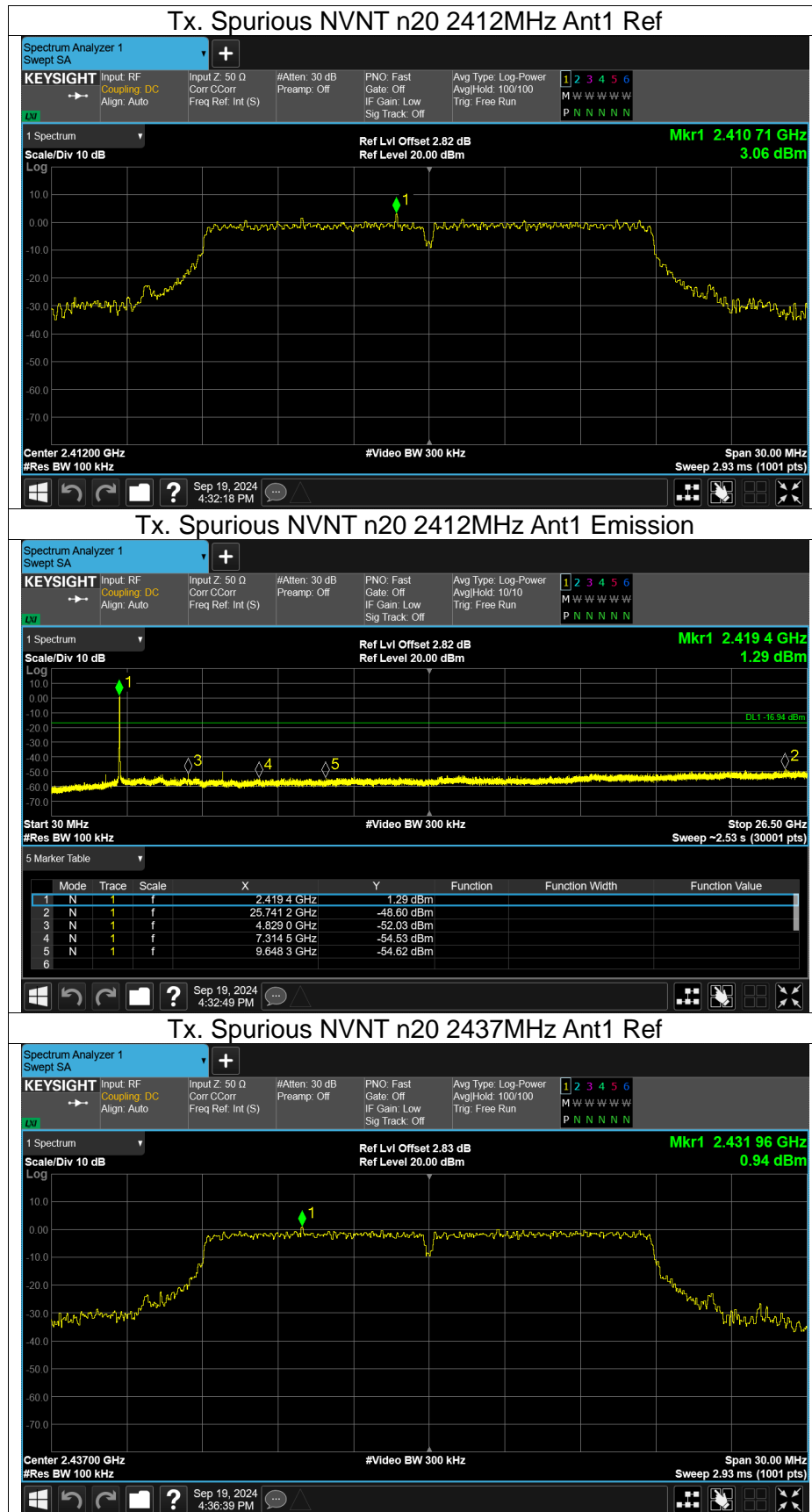


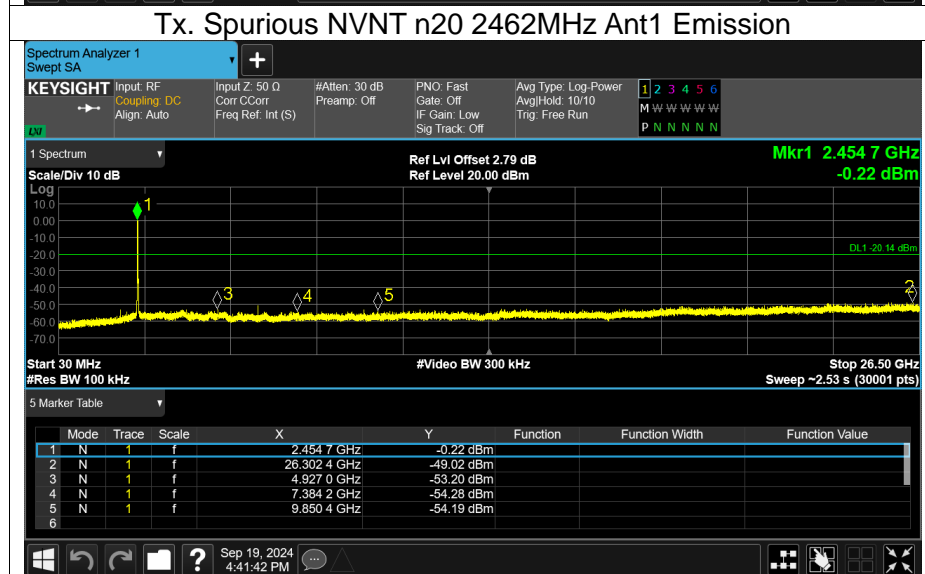
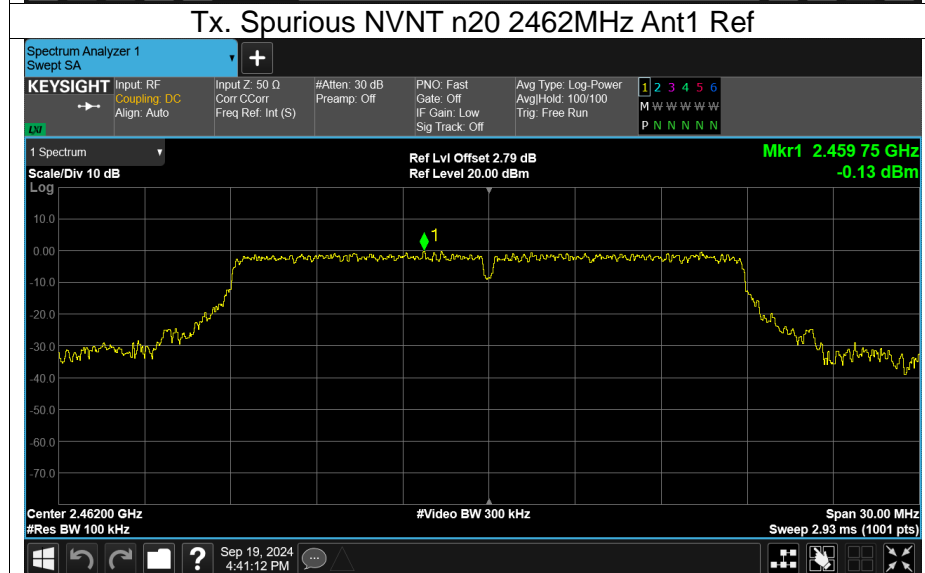
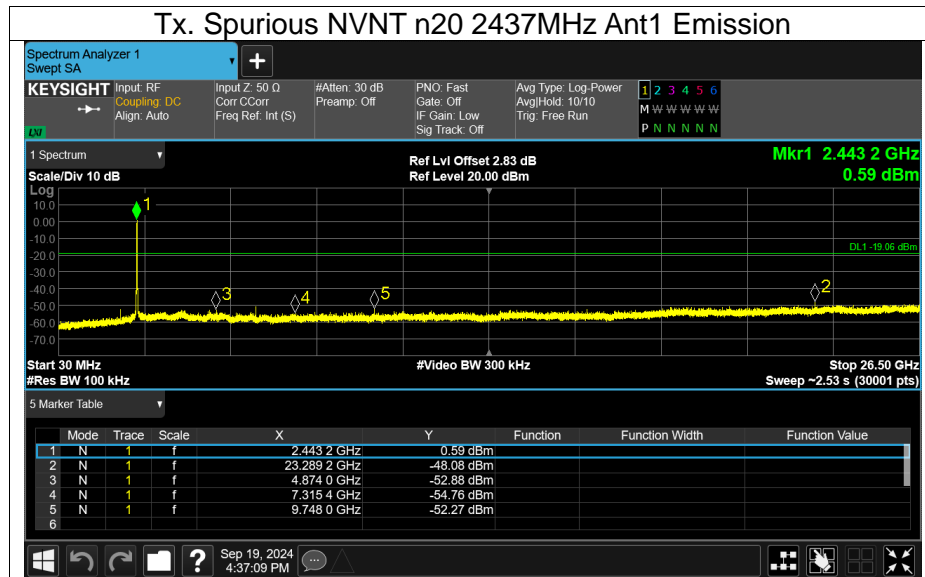














## FREQUENCY STABILITY

Channel 6	2437.0000
Voltage(V)	Measurement Frequency(MHz)
5.75	2437.0030
5	2437.0023
4.25	2437.0021
Max.Deviation(MHz)	0.0030
Max.Deviation(ppm)	1.23

Temperature(°C)	Measurement Frequency(MHz)
-30	2437.0043
-20	2437.0040
-10	2437.0036
0	2437.0037
10	2437.0040
20	2437.0041
30	2437.0033
40	2437.0034
50	2437.0037
Max.Deviation(MHz)	0.0043
Max.Deviation(ppm)	1.76



## **APPENDIX II - MEASUREMENT PHOTOS**

Note: Please see the attached RF\_Test Setup photos for FCC ID & IC.



## **APPENDIX III - PHOTOGRAPHS OF EUT CONSTRUCTIONAL DETAILS**

Note: Please see the attached TL04-1\_EUT Photos.

※※※※※END OF THE REPORT※※※※※