



RF TEST REPORT

Product Name: Wireless Module

Model Number: MD-WF(BK7258)RGB

FCC ID: 2ADQOMDNA29

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: LGT26F228RF02

Sample Received Date: Jun. 30, 2026

Date of Test: Jun. 30, 2026 ~ Jul. 13, 2026

Date of Issue: Jul. 13, 2026

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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: Wireless Module
Trademark: N/A
Model Number: MD-WF(BK7258)RGB
Sample Status: Normal

APPLICABLE STANDARDS	
STANDARD	TEST RESULTS
FCC Part 15.247, Subpart C ANSI C63.10-2020 + Cor.1-2023	PASS

Prepared by:

chris chen

Chris Chen
Engineer

Approved by:

Vita Li

Vita Li
Technical Director





Table of Contents	Page
1. SUMMARY OF TEST RESULTS	6
1.1 TEST LABORATORY	7
1.2 MEASUREMENT UNCERTAINTY	7
2. GENERAL INFORMATION	8
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
3. EMC EMISSION TEST	14
3.1 CONDUCTED EMISSION MEASUREMENT	14
3.2 RADIATED EMISSION MEASUREMENT	18
4. CONDUCTED SPURIOUS & BAND EDGE EMISSION	36
4.1 LIMIT	36
4.2 TEST PROCEDURE	36
4.3 DEVIATION FROM STANDARD	36
4.4 TEST SETUP	36
4.5 EUT OPERATION CONDITIONS	36
4.6 TEST RESULTS	36
5. POWER SPECTRAL DENSITY TEST	37
5.1 LIMIT	37
5.2 TEST PROCEDURE	37
5.3 DEVIATION FROM STANDARD	37
5.4 TEST SETUP	37
5.5 EUT OPERATION CONDITIONS	37
5.6 TEST RESULTS	37
6. BANDWIDTH TEST	38
6.1 LIMIT	38
6.2 TEST PROCEDURE	38
6.3 DEVIATION FROM STANDARD	38
6.4 TEST SETUP	38
6.5 EUT OPERATION CONDITIONS	38
6.6 TEST RESULTS	38



7. PEAK OUTPUT POWER TEST	39
7.1 LIMIT	39
7.2 TEST PROCEDURE	39
7.3 DEVIATION FROM STANDARD	39
7.4 TEST SETUP	39
7.5 EUT OPERATION CONDITIONS	39
7.6 TEST RESULTS	39
8. ANTENNA REQUIREMENT	40
8.1 STANDARD REQUIREMENT	40
8.2 EUT ANTENNA	40
APPENDIX I - TEST RESULTS	41
DUTY CYCLE	41
MAXIMUM PEAK CONDUCTED OUTPUT POWER	45
-6DB BANDWIDTH	46
OCCUPIED CHANNEL BANDWIDTH	50
MAXIMUM POWER SPECTRAL DENSITY LEVEL	54
BAND EDGE	58
CONDUCTED RF SPURIOUS EMISSION	63
APPENDIX II - MEASUREMENT PHOTOS	70



Revision History

Rev.	Issue Date	Revisions
00	Jul. 13, 2026	Initial Issue



1. SUMMARY OF TEST RESULTS

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

FCC Part 15.247, Subpart C			
Standard Section	Test Item	Judgment	Remark
15.207	Conducted Emission	PASS	--
15.247 (a)(2)	6dB Bandwidth	PASS	--
15.247 (b)(3)	Output Power	PASS	--
15.209	Radiated Spurious Emission	PASS	--
15.247 (d)	Conducted Spurious & Band Edge Emission	PASS	--
15.247 (e)	Power Spectral Density	PASS	--
15.205	Restricted Band Edge Emission	PASS	--
Part 15.247(d)/ Part 15.209(a)	Band Edge Emission	PASS	--
15.203	Antenna Requirement	PASS	--

NOTE:

- (1) 'N/A' denotes test is not applicable in this Test Report.
- (2) All tests are according to ANSI C63.10-2020 + Cor.1-2023.



1.1 TEST LABORATORY

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:	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	Occupied Channel Bandwidth	$\pm 0.46\%$
2	RF Output Power, Conducted	$\pm 0.71\text{dB}$
3	Power Spectral Density, Conducted	$\pm 1.57\text{dB}$
4	Unwanted Emission, Conducted	$\pm 0.63\text{dB}$
5	Conducted emission	$\pm 2.80\text{dB}$
6	All Emissions, Radiated (0.009-30MHz)	$\pm 2.16\text{dB}$
7	All Emissions, Radiated (30MHz-1GHz)	$\pm 4.61\text{dB}$
8	All Emissions, Radiated (1GHz-18GHz)	$\pm 5.49\text{dB}$
9	All Emissions, Radiated (18GHz-40GHz)	$\pm 4.31\text{dB}$
10	Temperature	$\pm 0.5^{\circ}\text{C}$
11	Humidity	$\pm 2\%$
12	Duty Cycle	$\pm 2.3\%$

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



2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF THE EUT

Product Name:	Wireless Module	
Test Model Number:	MD-WF(BK7258)RGB	
Series Number:	N/A	
Model Difference:	N/A	
Product Description:	Operation Frequency:	802.11b/g/n(20MHz): 2412~2462MHz
	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(20MHz): 11CH
	Antenna Designation:	PCB Antenna
	Antenna Gain(dBi):	0.52
Channel List:	Please refer to the Note 3.	
Rating:	Input: DC 3.3V 1A	
Hardware Version:	V1.0	
Software Version:	350012000000_012621	
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(20MHz)	
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	Mode 10: 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	
Wifi_Test_Tool_V1.8.0	Mode Or Modulation type	Power setting
	b	16
	g	51
	n20	47



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

Auxiliary Equipment

Description	Manufacturer	Model	S/N	Rating
Adapter	Lenovo	ADLX65UCGC2A	N/A	Input: 100-240V 50/60Hz 1.8A Output: 5-20V, 6.2-3.25A
Laptop	Lenovo	ThinkBook 14 G3 ITL	N/A	N/A
USB-C to USB-C Cable	ASUS	N/A	N/A	1.8m, shielded, without ferrite core

Note:

- (1) For detachable type I/O cable should be specified the length in cm in 『Length』 column.
- (2) “YES” is means “with core”; “NO” is means “without core”.



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	ESCI	100458	2026-04-21	2027-04-20
LISN	COM-POWER	LI-115	02032	2026-03-03	2027-03-02
LISN	SCHWARZBECK	NNLK 8122	00160	2026-03-03	2027-03-02
Transient Limiter	CYBERTEK	EM5010A	E2250100049	2026-03-03	2027-03-02
Coaxial cables (9kHz-30MHz)	Juncoax	JMR600 -NMNM-2M	N.A	2026-03-03	2027-03-02
Temperature & Humidity	JINGCHUANG	BT-3	N.A	2026-03-05	2027-03-04
Testing Software	EZ-EMC_Ver. EMC-CON 3A1.1+				

Radiated Test equipment					
Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Until
EMI Test Receiver	R&S	ESU8	100372	2026-03-02	2027-03-01
Active loop Antenna	ETS	6502	00049544	2025-03-11	2028-03-10
Spectrum Analyzer	Keysight	N9010B	MY60242508	2026-03-03	2027-03-02
Trilog Broadband Antenna (30M-1G)	SCHWARZBECK	VULB 9168	2705	2024-05-17	2027-05-16
Horn Antenna(1-18G)	SCHWARZBECK	3115	10SL0060	2025-03-10	2028-03-09
Horn Antenna(18-40G)	SCHWARZBECK	BBHA 9170	685	2023-10-23	2026-10-22
Pre-amplifier(30M-1G)	EMtrace	RP01A	02019	2026-03-02	2027-03-01
Pre-amplifier(1-26.5G)	Agilent	8449B	3008A4722	2026-03-02	2027-03-01
Pre-amplifier(18-40G)	SCHWARZBECK	BBV 9721	9721-019	2025-10-20	2026-10-19
Band 2.4G-2.5G Filter	SEKT	K6-2400-2500- 10S4550-001	N.A	2026-03-08	2027-03-07
Coaxial cables (9kHz-1GHz)	Juncoax	JMR600 -NMNM-8M	N.A	2026-03-03	2027-03-02
Coaxial cables (1GHz-18GHz)	TaiHe	UCD460B -NMSM-1M9	N.A	2026-03-03	2027-03-02
Coaxial cables (18GHz-40GHz)	Junkosha Inc.	MWX241 -05000KMSKMS	N.A	2026-03-03	2027-03-02
Temperature& Humidity test chamber	AISRY	LX-1000L	171200018	2025-07-30	2026-07-29
Antenna Tower	SAEMC	BK-4AT-BS-D	SK2021093008	N.A	N.A
Temperature & Humidity	JINGCHUANG	BT-3	N.A	2026-03-05	2027-03-04
Testing Software	EMC-I_V1.5.0.16_SKET				

RF Conducted Test equipment					
Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Until
Signal Analyzer	Keysight	N9010B	MY60242508	2026-03-03	2027-03-02
Signal Analyzer	Keysight	N9020A	MY50530994	2026-03-02	2027-03-01
Power Sensor	R&S	NRP8S	104963	2026-03-02	2027-03-01
RF Automatic Test system	MW	MW100-RFCB	MW220324LG -33	2026-03-03	2027-03-02
MXG Vector Signal Generator	Keysight	N5182B	MY59100717	2026-03-03	2027-03-02



Temperature& Humidity test chamber	AISRY	LX-1000L	171200018	2025-07-30	2026-07-29
Attenuator	eastsheep	90db	N.A	2026-03-02	2027-03-01
Temperature & Humidity	JINGCHUANG	BT-3	N.A	2026-03-05	2027-03-04
Digital multimeter	MASTECH	MS8261	MBGBC83053	2025-07-30	2026-07-29
DC source	Keysight	E3634A	MY58036468	2026-03-05	2027-03-04
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

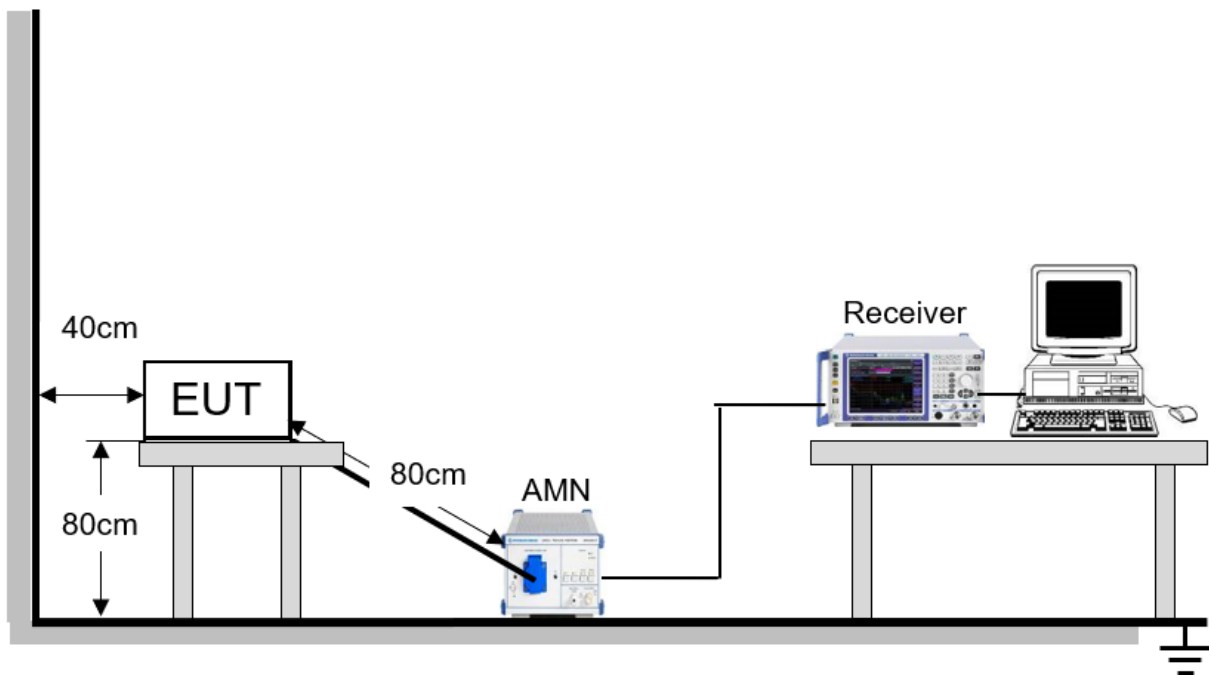
Receiver Parameters	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz



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



3.1.4 EUT OPERATING CONDITIONS

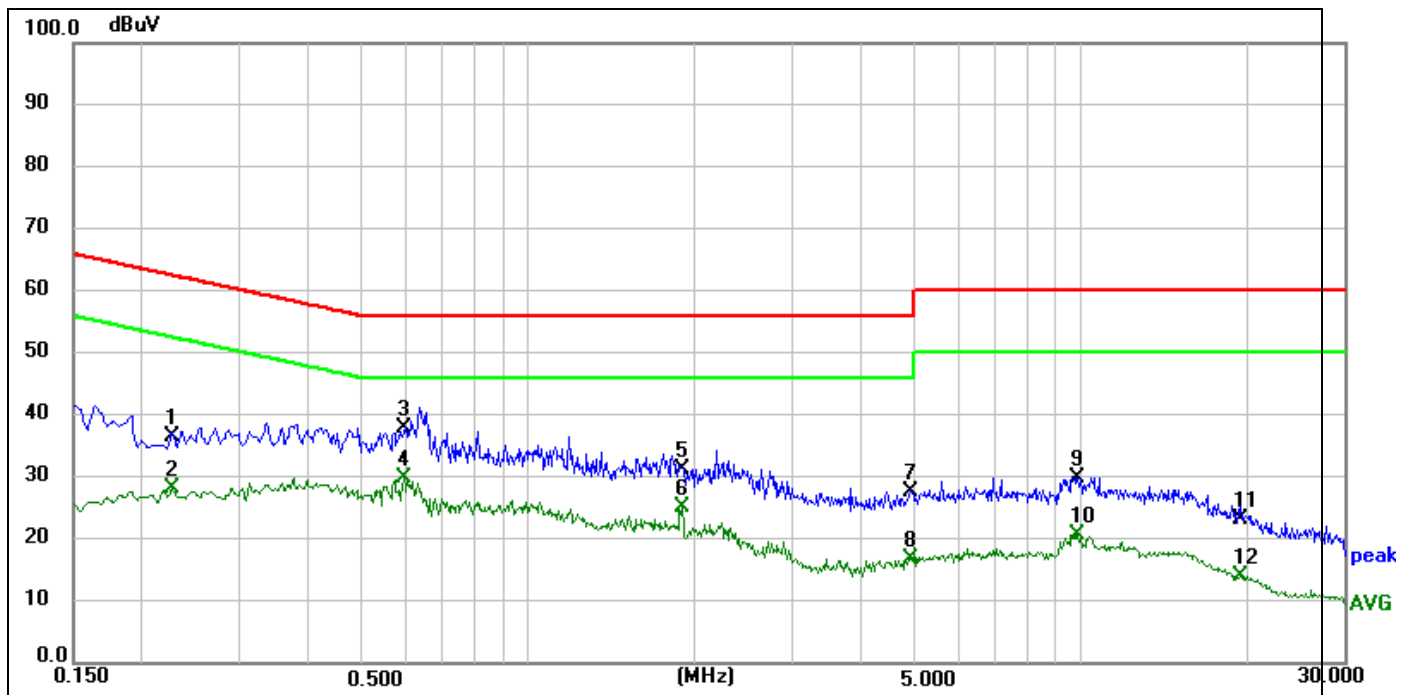
The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.



3.1.5 TEST RESULT

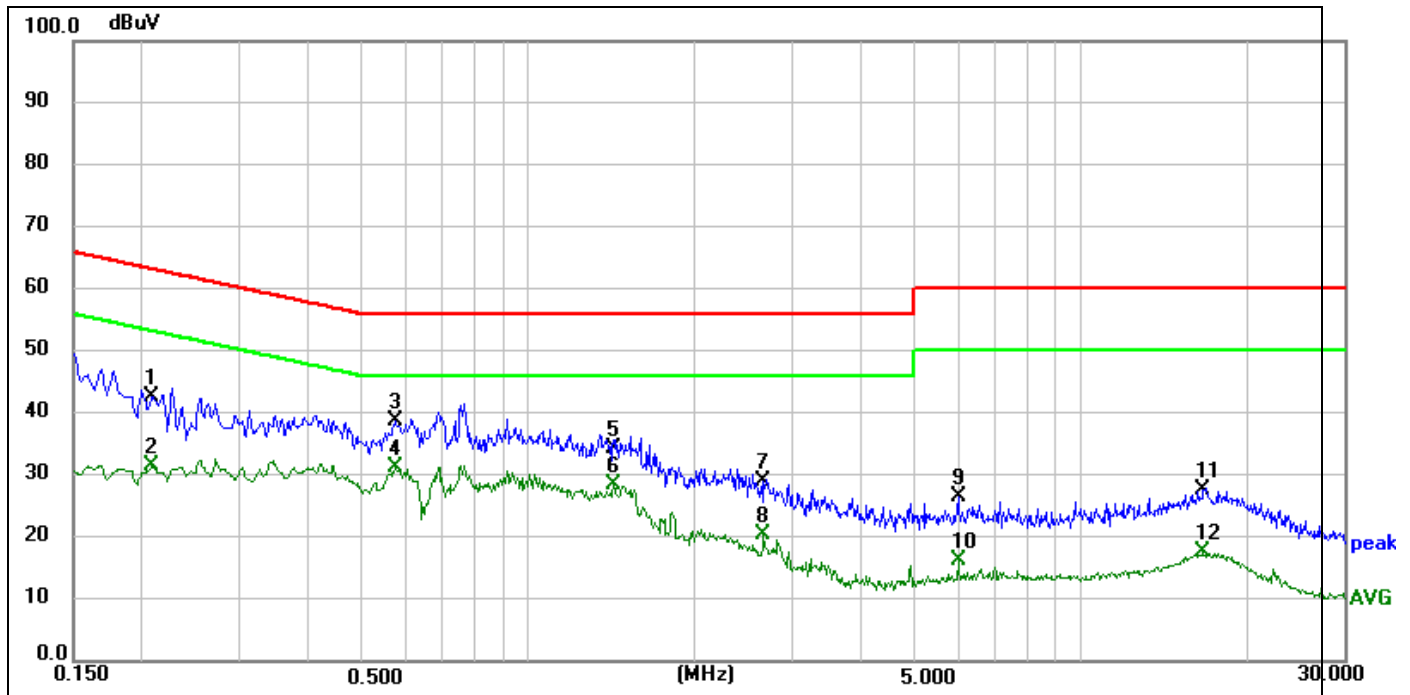
Note: Level = Reading + Factor

Margin = Level – Limit



Site: LAB	Phase: L1	Temperature(°C):26°C
Limit: FCC Part15 CE-Class B_QP	Atm Pressure:983 mbar	Humidity(%): 54%RH
EUT: Wireless Module	Test Time:	2026/6/30 18:01:34
M/N.: MD-WF(BK7258)RGB	Power Rating:	DC 3.3V
Mode: TX Wi-Fi 802.11b 2412	Test Engineer:	Bill Chen
Note: AC Mains port		

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.227	26.16	10.49	36.65	62.56	-25.91	QP
2	0.227	17.59	10.49	28.08	52.56	-24.48	AV
3	0.596	27.34	10.50	37.84	56.00	-18.16	QP
4	0.596	19.34	10.50	29.84	46.00	-16.16	AV
5	1.901	20.60	10.70	31.30	56.00	-24.70	QP
6	1.901	14.39	10.70	25.09	46.00	-20.91	AV
7	4.934	16.86	10.80	27.66	56.00	-28.34	QP
8	4.934	5.93	10.80	16.73	46.00	-29.27	AV
9	9.888	18.88	10.96	29.84	60.00	-30.16	QP
10	9.888	9.85	10.96	20.81	50.00	-29.19	AV
11	19.514	12.15	11.11	23.26	60.00	-36.74	QP
12	19.514	3.03	11.11	14.14	50.00	-35.86	AV



Site: LAB	Phase: N	Temperature(°C):26°C
Limit: FCC Part15 CE-Class B_QP	Atm Pressure:983 mbar	Humidity(%): 54%RH
EUT: Wireless Module	Test Time:	2026/6/30 17:57:58
M/N.: MD-WF(BK7258)RGB	Power Rating:	DC 3.3V
Mode: TX Wi-Fi 802.11b 2412	Test Engineer:	Bill Chen
Note: AC Mains port		

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.208	32.02	10.49	42.51	63.28	-20.77	QP
2	0.208	20.93	10.49	31.42	53.28	-21.86	AV
3	0.573	28.15	10.50	38.65	56.00	-17.35	QP
4	0.573	20.80	10.50	31.30	46.00	-14.70	AV
5	1.433	23.59	10.60	34.19	56.00	-21.81	QP
6	1.433	17.90	10.60	28.50	46.00	-17.50	AV
7	2.670	18.37	10.74	29.11	56.00	-26.89	QP
8	2.670	9.59	10.74	20.33	46.00	-25.67	AV
9	6.013	15.63	10.84	26.47	60.00	-33.53	QP
10	6.013	5.36	10.84	16.20	50.00	-33.80	AV
11	16.701	16.61	11.14	27.75	60.00	-32.25	QP
12	16.701	6.44	11.14	17.58	50.00	-32.42	AV



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) limit in the table and according to ANSI C63.10-2020 + COR.1-2023 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

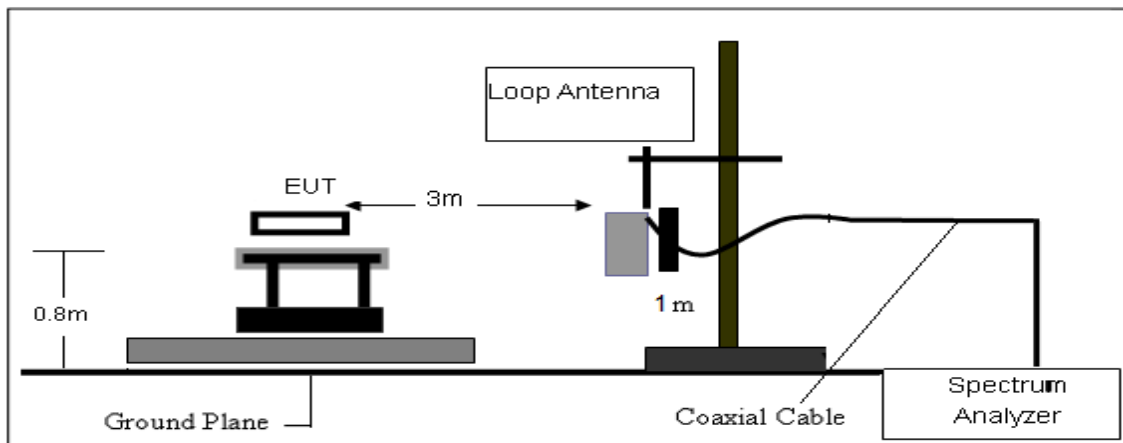
- The measuring distance at 3 m shall be used for measurements at frequency 0.009MHz up to 1GHz, and above 1GHz.
- The EUT was placed on the top of a rotating table 0.8 m (above 1GHz is 1.5 m) above the ground at a 3 m anechoic chamber test site. The table was rotated 360 degree to determine the position 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:

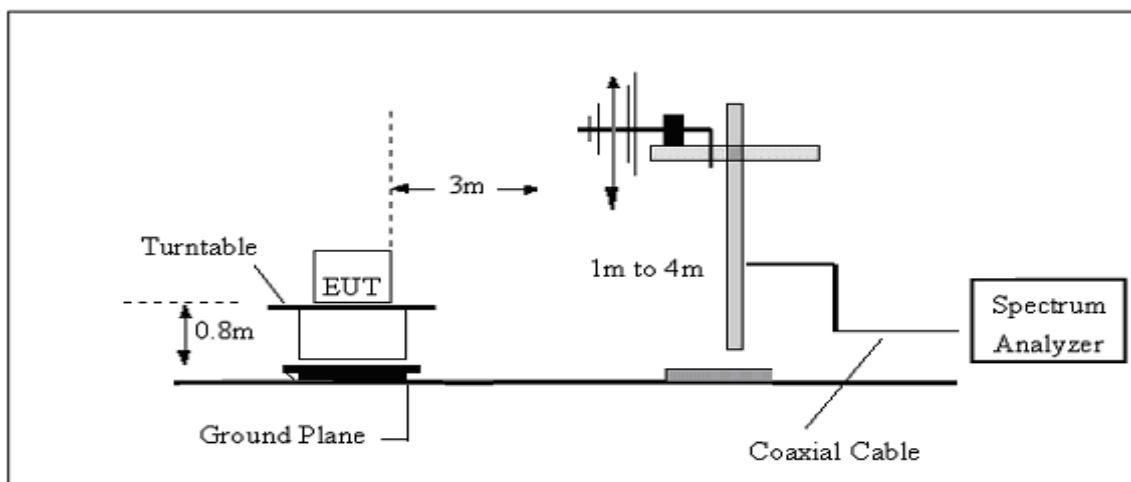
Both horizontal and vertical antenna polarities were tested and performed pretest to three orthogonal axis. The worst case emissions were reported.

3.2.3 TEST SETUP

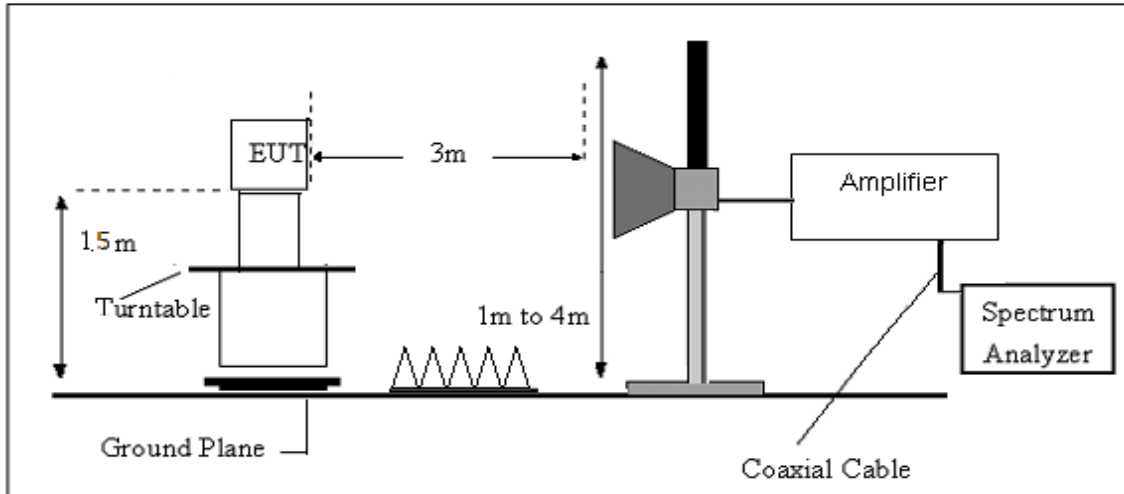
(A) Radiated Emission Test-Up Frequency Below 30MHz



(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 (MHz)	FS (dBμV/m)	RA (dBμV/m)	AF (dB)	CL (dB)	AG (dB)	Factor (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.



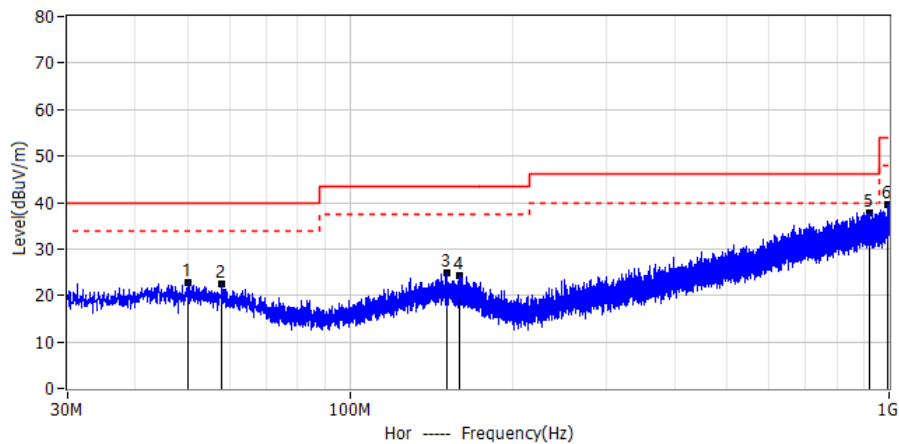
Results of Radiated Emissions (30MHz~1000MHz)

Note: 1. All mode has been tested, only shown the worst case data.

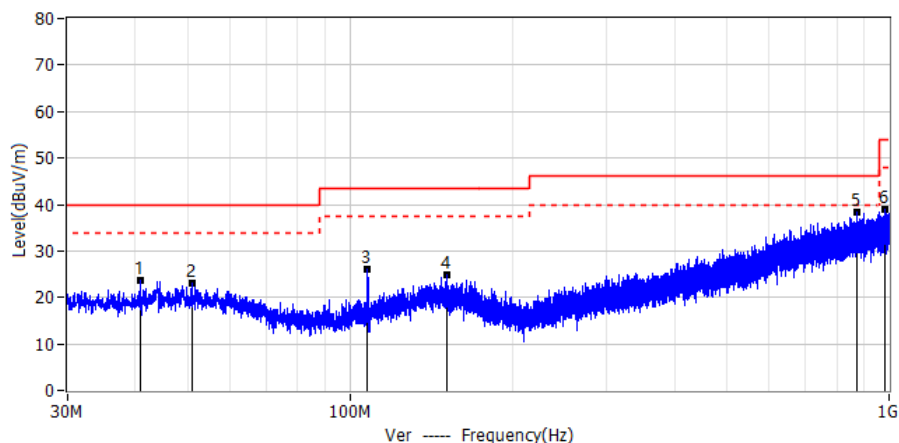
2. Level = Reading + Factor

Margin = Level – Limit

Project: LGT26F228	Test Engineer: zhangchengxiang
EUT: Wireless Module	Temperature: 28.4°C
M/N: MD-WF(BK7258)RGB	Humidity: 65%RH
Test Voltage: DC 3.3V	Test Date: 2026-07-05
Test Mode: TX Wi-Fi 802.11b 2412	
Note:	



No.	Frequency MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	50.246	2.00	20.73	22.73	40.00	-17.27	QP	Hor
2*	57.856	2.63	19.99	22.62	40.00	-17.38	QP	Hor
3*	151.175	2.96	21.89	24.85	43.50	-18.65	QP	Hor
4*	159.433	2.18	22.15	24.33	43.50	-19.17	QP	Hor
5*	917.326	3.36	34.34	37.70	46.00	-8.30	QP	Hor
6*	995.274	4.63	35.06	39.69	54.00	-14.31	QP	Hor



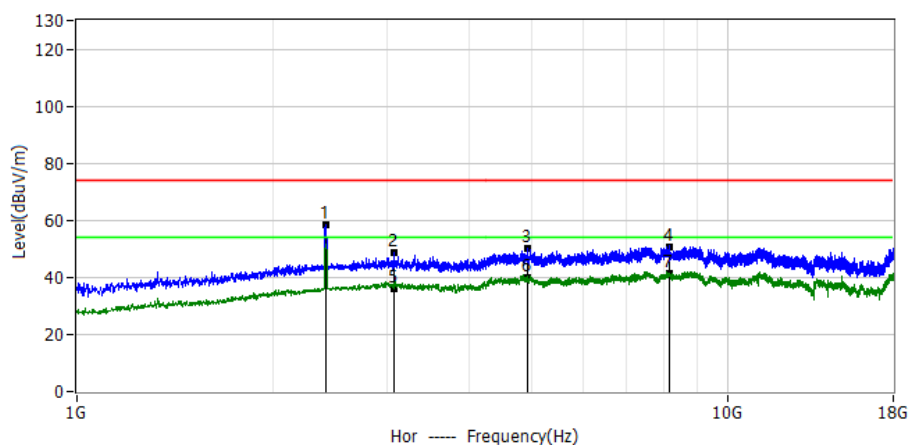
No.	Frequency MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	40.894	2.95	20.60	23.55	40.00	-16.45	QP	Ver
2*	51.141	2.05	20.92	22.97	40.00	-17.03	QP	Ver
3*	107.998	8.05	18.05	26.10	43.50	-17.40	QP	Ver
4*	151.524	3.01	21.79	24.80	43.50	-18.70	QP	Ver
5*	872.159	4.37	34.09	38.46	46.00	-7.54	QP	Ver
6*	982.142	3.74	35.28	39.02	54.00	-14.98	QP	Ver



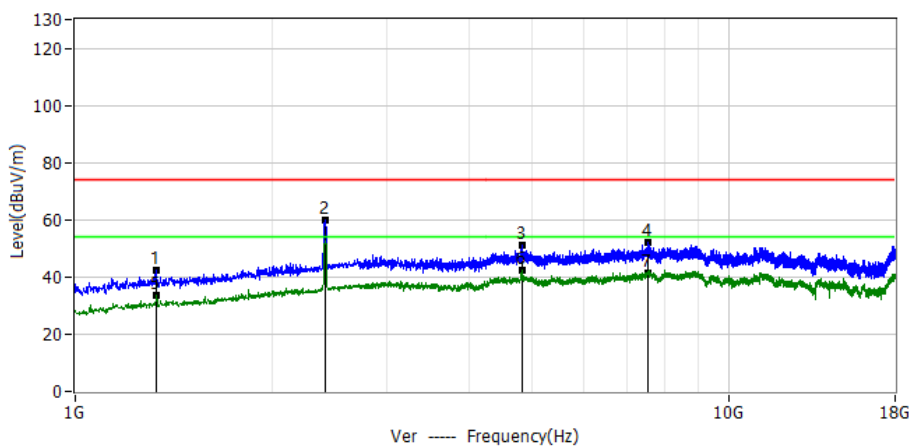
Results of Radiated Emissions (Above 1000MHz)

Note:1. All mode has been tested, only shown the worst case data.

Project: LGT26F228	Test Engineer: zhangyangda
EUT: Wireless Module	Temperature: 25.1°C
M/N: MD-WF(BK7258)RGB	Humidity: 53%RH
Test Voltage: DC 3.3V	Test Data: 2026-07-03
Test Mode: 802.11b 2412	
Note:	



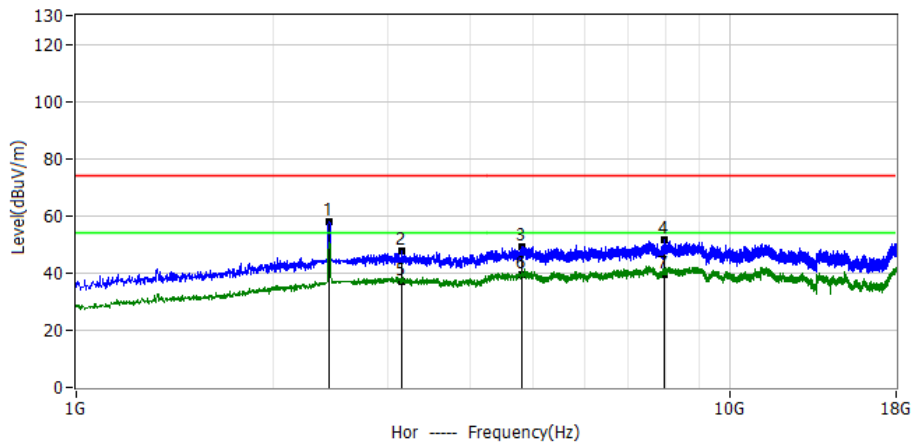
No.	Frequency	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	2.4152GHz	69.18	-10.93	58.25	/	/	PK	Hor
2*	3.0655GHz	56.87	-8.14	48.73	74.00	-25.27	PK	Hor
3*	4.9249GHz	56.32	-5.95	50.37	74.00	-23.63	PK	Hor
4*	8.1442GHz	58.72	-7.84	50.88	74.00	-23.12	PK	Hor
5*	3.0655GHz	44.34	-8.14	36.20	54.00	-17.80	AV	Hor
6*	4.9249GHz	45.65	-5.95	39.70	54.00	-14.30	AV	Hor
7*	8.1442GHz	49.24	-7.84	41.40	54.00	-12.60	AV	Hor



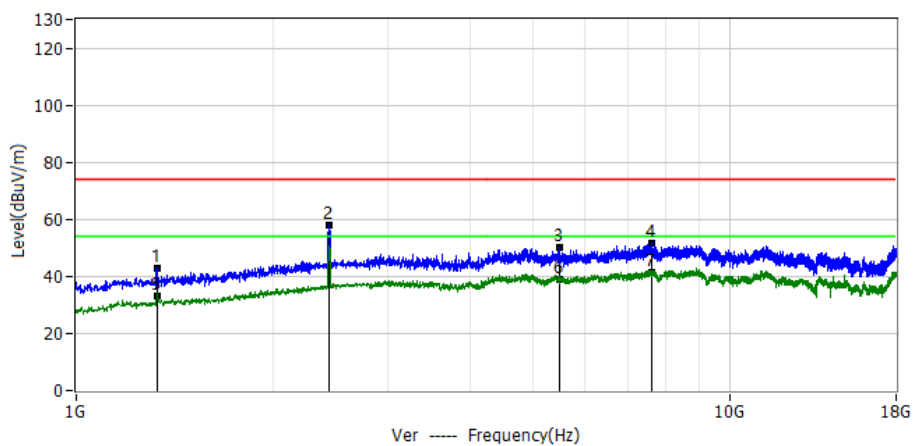
No.	Frequency	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	1.3315GHz	64.19	-21.83	42.36	74.00	-31.64	PK	Ver
2*	2.4110GHz	70.77	-10.97	59.80	/	/	PK	Ver
3*	4.8250GHz	56.89	-5.87	51.02	74.00	-22.98	PK	Ver
4*	7.5386GHz	58.94	-7.07	51.87	74.00	-22.13	PK	Ver
5*	1.3315GHz	55.33	-21.83	33.50	54.00	-20.50	AV	Ver
6*	4.8250GHz	48.27	-5.87	42.40	54.00	-11.60	AV	Ver
7*	7.5386GHz	48.37	-7.07	41.30	54.00	-12.70	AV	Ver



Project: LGT26F228	Test Engineer: zhangyangda
EUT: Wireless Module	Temperature: 25.1°C
M/N: MD-WF(BK7258)RGB	Humidity: 53%RH
Test Voltage: DC 3.3V	Test Data: 2026-07-03
Test Mode: 802.11b 2437	
Note:	



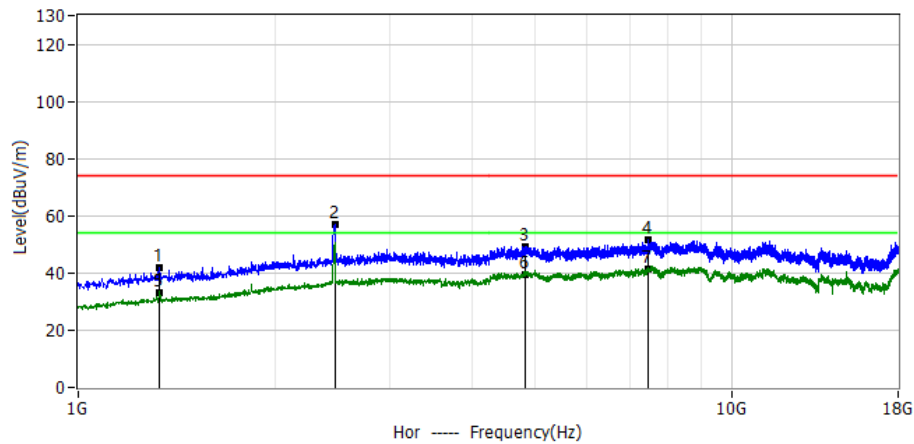
No.	Frequency	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	2.4365GHz	68.53	-10.73	57.80	/	/	PK	Hor
2*	3.1441GHz	56.06	-8.17	47.89	74.00	-26.11	PK	Hor
3*	4.8037GHz	55.18	-5.85	49.33	74.00	-24.67	PK	Hor
4*	7.9657GHz	59.32	-7.91	51.41	74.00	-22.59	PK	Hor
5*	3.1441GHz	45.07	-8.17	36.90	54.00	-17.10	AV	Hor
6*	4.8037GHz	45.15	-5.85	39.30	54.00	-14.70	AV	Hor
7*	7.9657GHz	47.21	-7.91	39.30	54.00	-14.70	AV	Hor



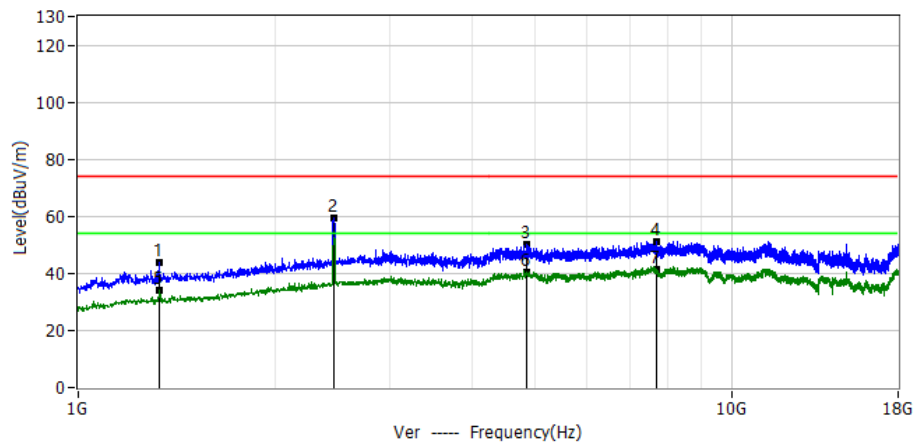
No.	Frequency	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	1.3315GHz	64.87	-21.83	43.04	74.00	-30.96	PK	Ver
2*	2.4386GHz	68.51	-10.71	57.80	/	/	PK	Ver
3*	5.4837GHz	57.93	-7.83	50.10	74.00	-23.90	PK	Ver
4*	7.6109GHz	58.83	-7.21	51.62	74.00	-22.38	PK	Ver
5*	1.3315GHz	54.83	-21.83	33.00	54.00	-21.00	AV	Ver
6*	5.4837GHz	46.83	-7.83	39.00	54.00	-15.00	AV	Ver
7*	7.6109GHz	48.61	-7.21	41.40	54.00	-12.60	AV	Ver



Project: LGT26F228	Test Engineer: zhangyangda
EUT: Wireless Module	Temperature: 25.1°C
M/N: MD-WF(BK7258)RGB	Humidity: 53%RH
Test Voltage: DC 3.3V	Test Data: 2026-07-03
Test Mode: 802.11b 2462	
Note:	



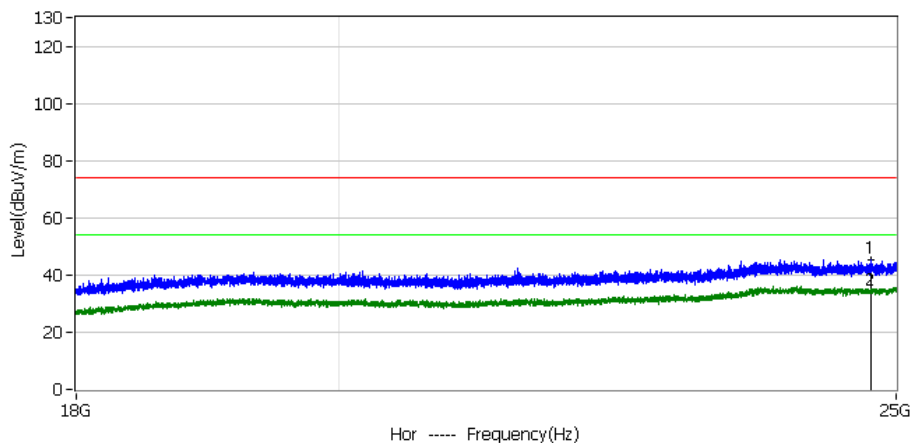
No.	Frequency	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	1.3315GHz	63.82	-21.83	41.99	74.00	-32.01	PK	Hor
2*	2.4684GHz	67.52	-10.44	57.08	/	/	PK	Hor
3*	4.8292GHz	55.27	-5.87	49.40	74.00	-24.60	PK	Hor
4*	7.4579GHz	58.48	-7.00	51.48	74.00	-22.52	PK	Hor
5*	1.3315GHz	55.13	-21.83	33.30	54.00	-20.70	AV	Hor
6*	4.8292GHz	45.37	-5.87	39.50	54.00	-14.50	AV	Hor
7*	7.4579GHz	48.40	-7.00	41.40	54.00	-12.60	AV	Hor



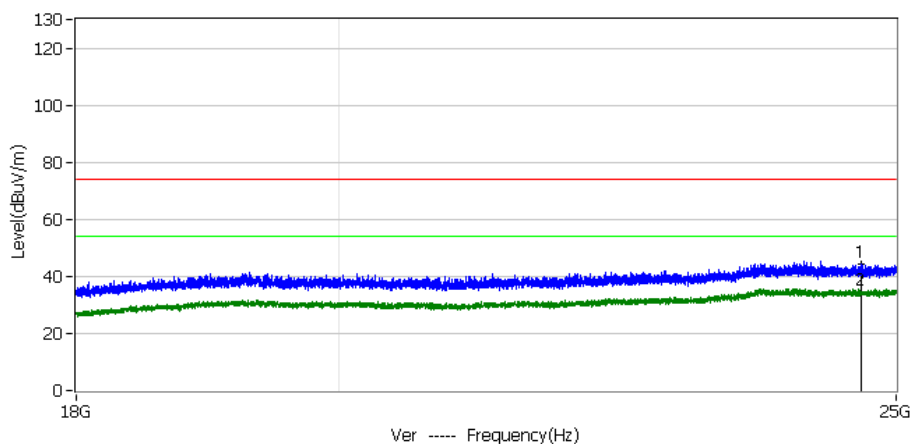
No.	Frequency	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	1.3315GHz	65.53	-21.83	43.70	74.00	-30.30	PK	Ver
2*	2.4577GHz	70.11	-10.54	59.57	/	/	PK	Ver
3*	4.8505GHz	55.86	-5.89	49.97	74.00	-24.03	PK	Ver
4*	7.6831GHz	58.62	-7.35	51.27	74.00	-22.73	PK	Ver
5*	1.3315GHz	56.03	-21.83	34.20	54.00	-19.80	AV	Ver
6*	4.8505GHz	46.19	-5.89	40.30	54.00	-13.70	AV	Ver
7*	7.6831GHz	48.65	-7.35	41.30	54.00	-12.70	AV	Ver



Project: LGT26F228	Test Engineer: zhangyangda
EUT: Wireless Module	Temperature: 25.1°C
M/N: MD-WF(BK7258)RGB	Humidity: 53%RH
Test Voltage: DC 3.3V	Test Data: 2026-07-03
Test Mode: 802.11b 2412	
Note:	



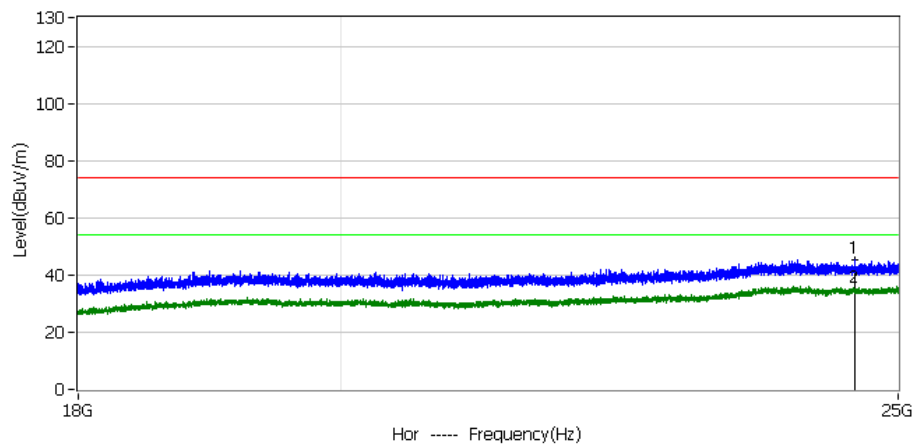
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	24.749GHz	33.71	11.77	45.48	74.00	-28.52	PK	Hor
2*	24.749GHz	22.13	11.77	33.90	54.00	-20.10	AV	Hor



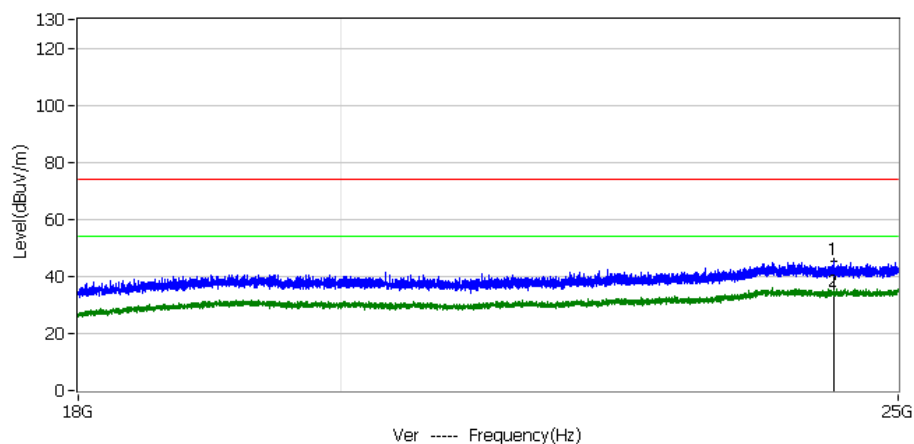
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	24.654GHz	32.49	11.69	44.18	74.00	-29.82	PK	Ver
2*	24.654GHz	22.71	11.69	34.40	54.00	-19.60	AV	Ver



Project: LGT26F228	Test Engineer: zhangyangda
EUT: Wireless Module	Temperature: 25.1°C
M/N: MD-WF(BK7258)RGB	Humidity: 53%RH
Test Voltage: DC 3.3V	Test Data: 2026-07-03
Test Mode: 802.11b 2437	
Note:	



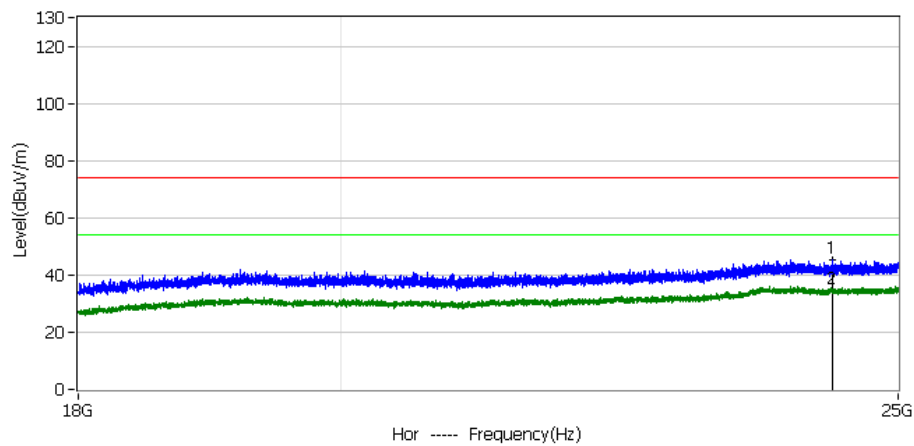
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	24.564GHz	33.82	11.61	45.43	74.00	-28.57	PK	Hor
2*	24.564GHz	23.29	11.61	34.90	54.00	-19.10	AV	Hor



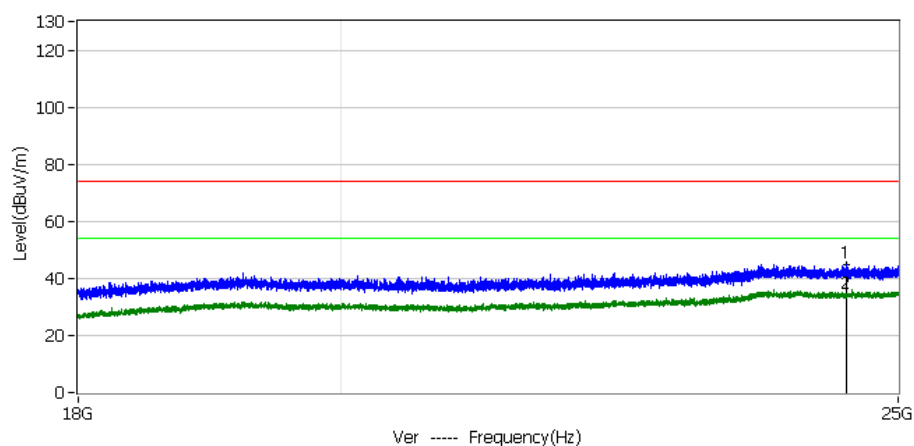
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	24.367GHz	34.05	11.44	45.49	74.00	-28.51	PK	Ver
2*	24.367GHz	22.75	11.45	34.20	54.00	-19.80	AV	Ver



Project: LGT26F228	Test Engineer: zhangyangda
EUT: Wireless Module	Temperature: 25.1°C
M/N: MD-WF(BK7258)RGB	Humidity: 53%RH
Test Voltage: DC 3.3V	Test Data: 2026-07-03
Test Mode: 802.11b 2462	
Note:	



No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	24.347GHz	33.97	11.43	45.40	74.00	-28.60	PK	Hor
2*	24.347GHz	22.97	11.43	34.40	54.00	-19.60	AV	Hor



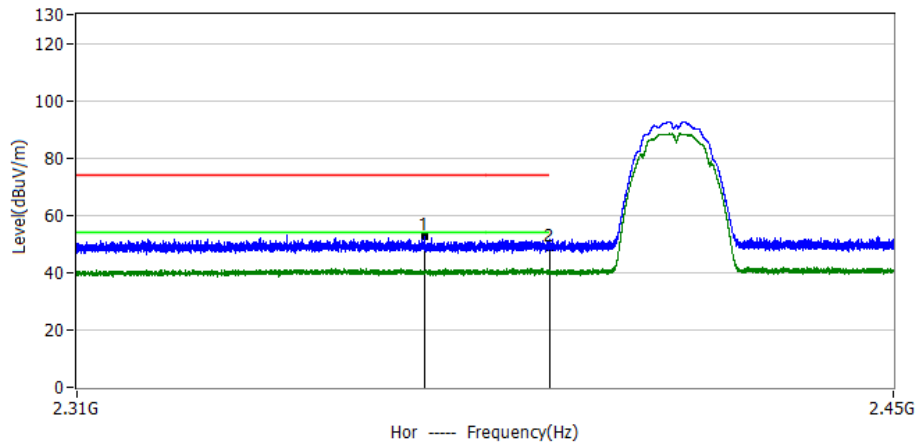
No.	Frequency	Reading dBuV	Factor dB/m	Level dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	24.486GHz	33.11	11.55	44.66	74.00	-29.34	PK	Ver
2*	24.486GHz	22.35	11.55	33.90	54.00	-20.10	AV	Ver



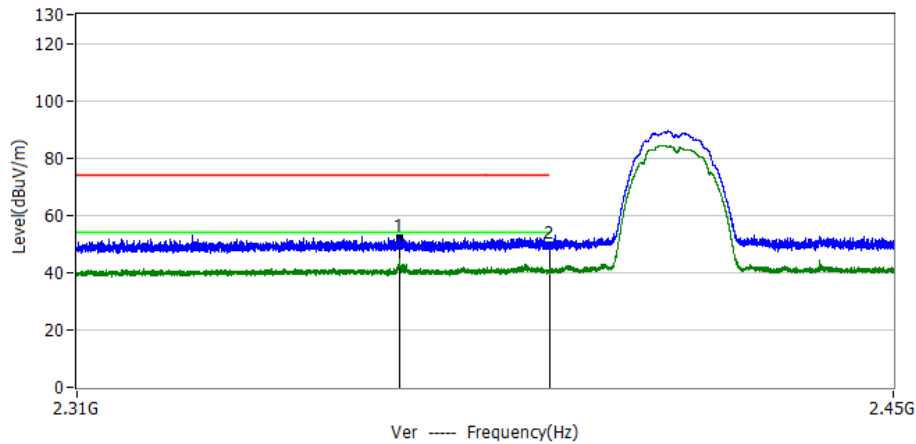
3.2.7 TEST RESULTS(Band edge Requirements)

Note:1. All mode has been tested, only shown the worst case data.

Project: LGT26F228	Test Engineer: zhangyangda
EUT: Wireless Module	Temperature: 25.1°C
M/N: MD-WF(BK7258)RGB	Humidity: 53%RH
Test Voltage: DC 3.3V	Test Data: 2026-07-03
Test Mode: 802.11b 2412	
Note:	



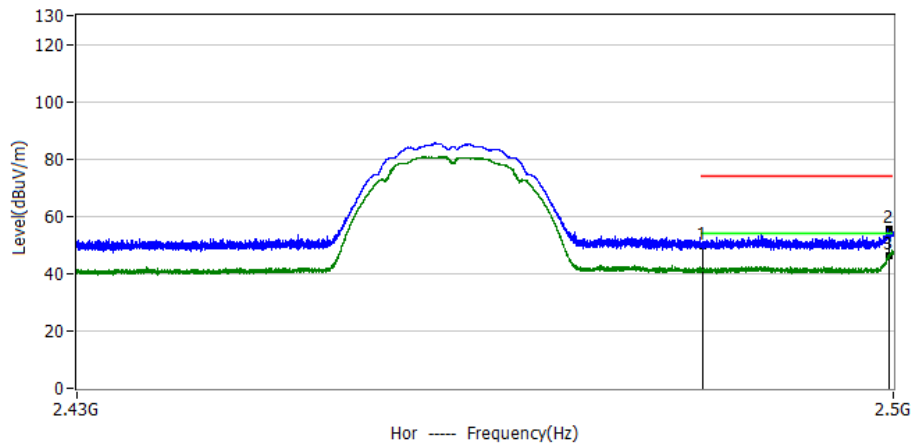
No.	Frequency MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	2368.7000	16.94	35.50	52.44	74.00	-21.56	PK	Hor
2*	2390.0000	13.31	35.59	48.90	74.00	-25.10	PK	Hor



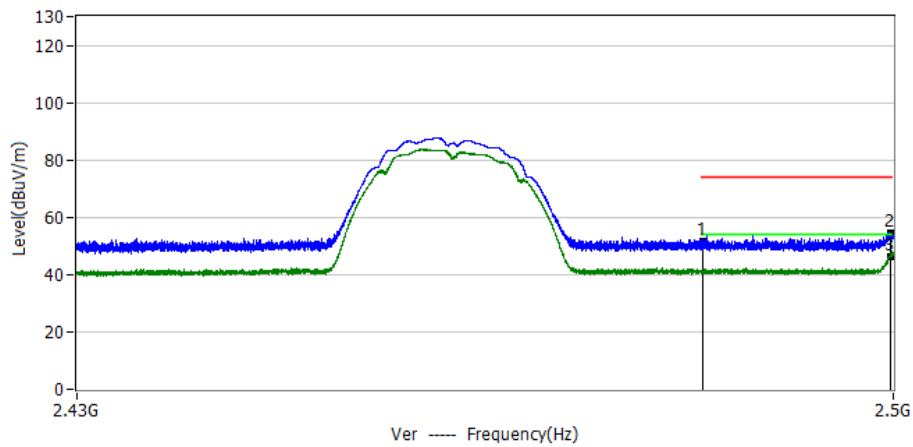
No.	Frequency MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	2364.3000	16.82	35.48	52.30	74.00	-21.70	PK	Ver
2*	2390.0000	14.11	35.59	49.70	74.00	-24.30	PK	Ver



Project: LGT26F228	Test Engineer: zhangyangda
EUT: Wireless Module	Temperature: 25.1°C
M/N: MD-WF(BK7258)RGB	Humidity: 53%RH
Test Voltage: DC 3.3V	Test Data: 2026-07-03
Test Mode: 802.11b 2462	
Note:	



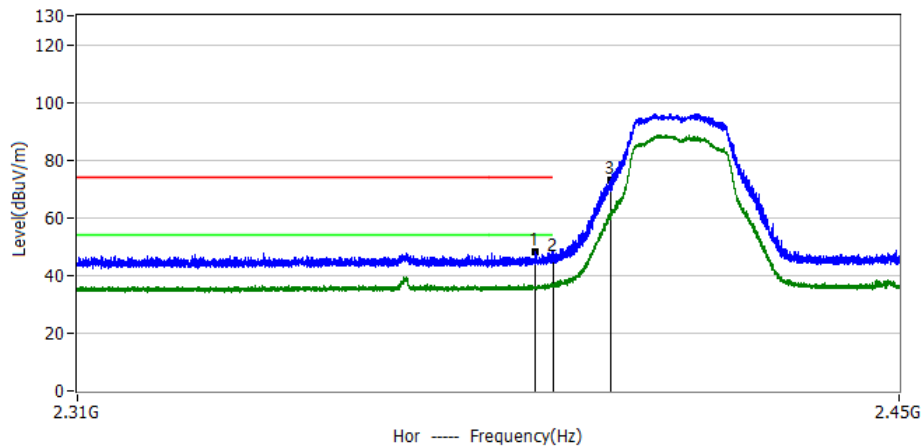
No.	Frequency MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	2483.5000	13.52	35.98	49.50	74.00	-24.50	PK	Hor
2*	2499.6000	19.23	36.05	55.28	74.00	-18.72	PK	Hor
3*	2499.6000	10.15	36.05	46.20	54.00	-7.80	AV	Hor



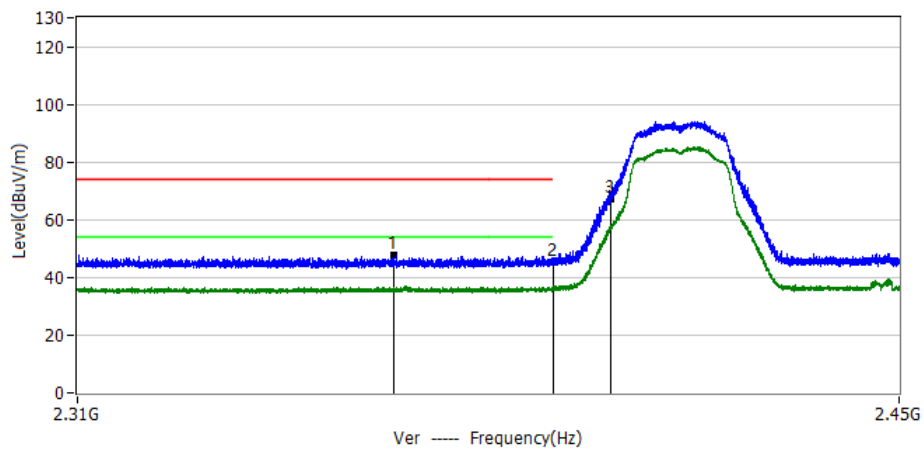
No.	Frequency MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	2483.5000	15.62	35.98	51.60	74.00	-22.40	PK	Ver
2*	2499.7000	18.58	36.05	54.63	74.00	-19.37	PK	Ver
3*	2499.7000	10.15	36.05	46.20	54.00	-7.80	AV	Ver



Project: LGT26F228	Test Engineer: zhangyangda
EUT: Wireless Module	Temperature: 25.1°C
M/N: MD-WF(BK7258)RGB	Humidity: 53%RH
Test Voltage: DC 3.3V	Test Data: 2026-07-03
Test Mode: 802.11g 2412	
Note:	



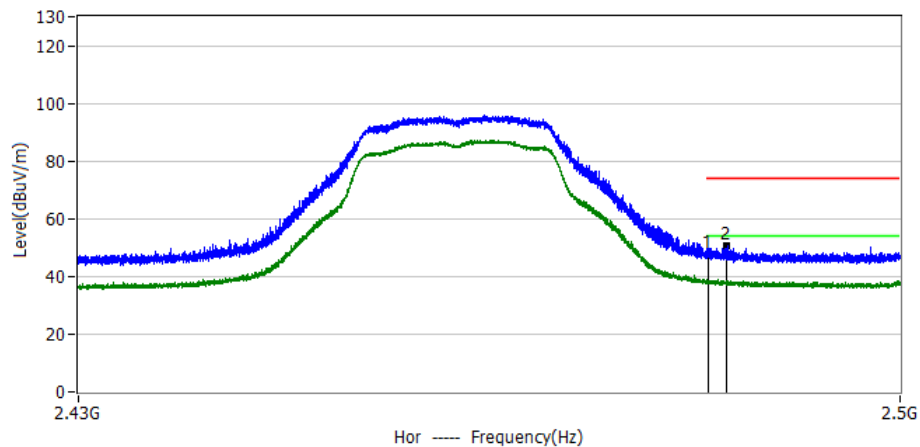
No.	Frequency MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	2387.000	59.03	-10.96	48.07	74.00	-25.93	PK	Hor
2*	2390.000	57.13	-10.93	46.20	74.00	-27.80	PK	Hor
3*	2400.000	83.93	-10.83	73.10	NaN	NaN	PK	Hor



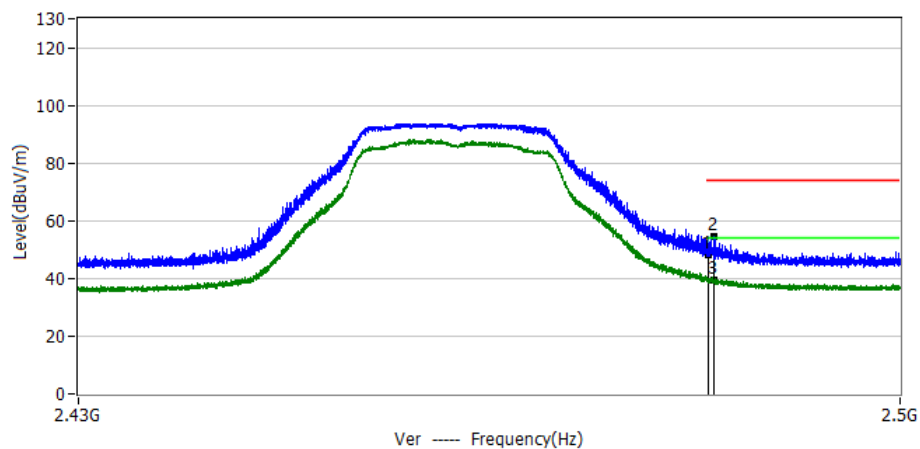
No.	Frequency MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	2363.000	58.69	-11.19	47.50	74.00	-26.50	PK	Ver
2*	2390.000	56.13	-10.93	45.20	74.00	-28.80	PK	Ver
3*	2400.000	77.93	-10.83	67.10	NaN	NaN	PK	Ver



Project: LGT26F228	Test Engineer: zhangyangda
EUT: Wireless Module	Temperature: 25.1°C
M/N: MD-WF(BK7258)RGB	Humidity: 53%RH
Test Voltage: DC 3.3V	Test Data: 2026-07-03
Test Mode: 802.11g 2462	
Note:	



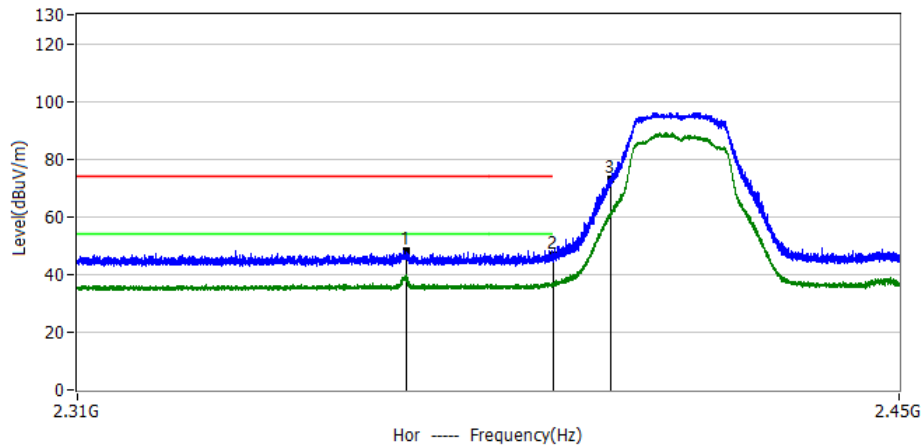
No.	Frequency MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	2483.500	57.60	-9.80	47.80	74.00	-26.20	PK	Hor
2*	2485.000	60.28	-9.78	50.50	74.00	-23.50	PK	Hor



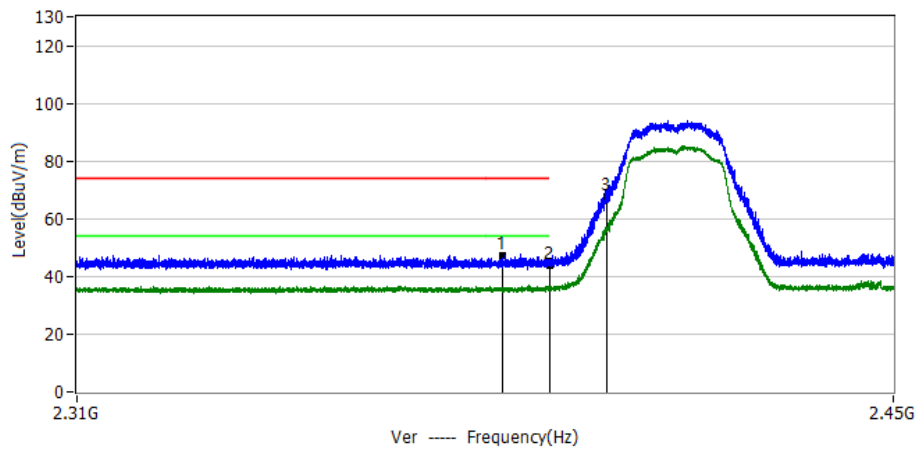
No.	Frequency MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	2483.500	58.20	-9.80	48.40	74.00	-25.60	PK	Ver
2*	2484.000	64.47	-9.79	54.68	74.00	-19.32	PK	Ver
3*	2484.000	49.09	-9.79	39.30	54.00	-14.70	AV	Ver



Project: LGT26F228	Test Engineer: zhangyangda
EUT: Wireless Module	Temperature: 25.1°C
M/N: MD-WF(BK7258)RGB	Humidity: 53%RH
Test Voltage: DC 3.3V	Test Data: 2026-07-03
Test Mode: 802.11n20 2412	
Note:	



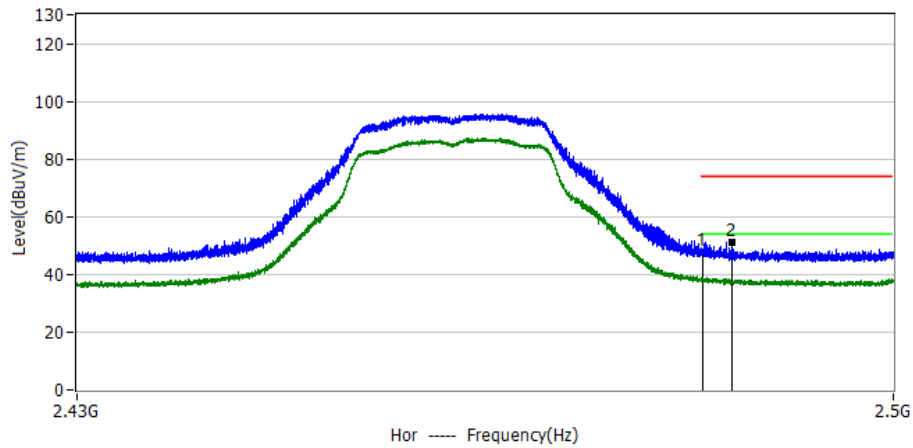
No.	Frequency MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	2365.000	59.27	-11.18	48.09	74.00	-25.91	PK	Hor
2*	2390.000	57.63	-10.93	46.70	74.00	-27.30	PK	Hor
3*	2400.000	83.73	-10.83	72.90	NaN	NaN	PK	Hor



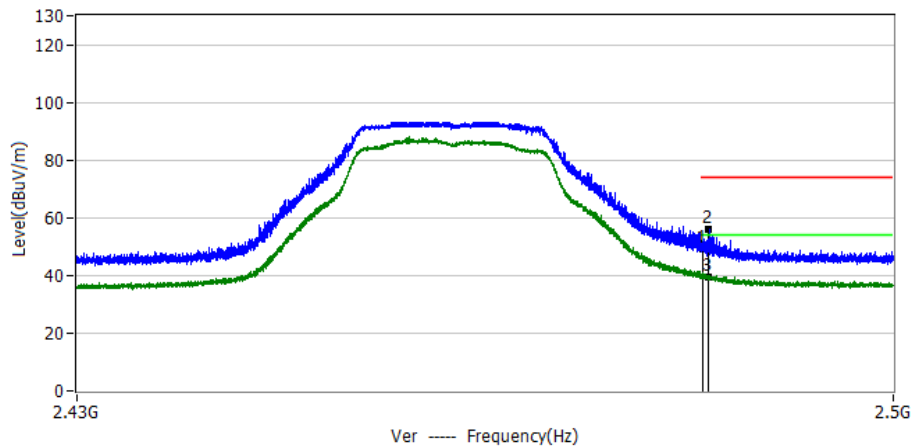
No.	Frequency MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	2382.000	58.28	-11.00	47.28	74.00	-26.72	PK	Ver
2*	2390.000	54.93	-10.93	44.00	74.00	-30.00	PK	Ver
3*	2400.000	78.33	-10.83	67.50	NaN	NaN	PK	Ver



Project: LGT26F228	Test Engineer: zhangyangda
EUT: Wireless Module	Temperature: 25.1°C
M/N: MD-WF(BK7258)RGB	Humidity: 53%RH
Test Voltage: DC 3.3V	Test Data: 2026-07-03
Test Mode: 802.11n20 2462	
Note:	



No.	Frequency MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	2483.500	57.50	-9.80	47.70	74.00	-26.30	PK	Hor
2*	2486.000	61.11	-9.77	51.34	74.00	-22.66	PK	Hor



No.	Frequency MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Detector	Polar
1*	2483.500	59.00	-9.80	49.20	74.00	-24.80	PK	Ver
2*	2484.000	65.82	-9.79	56.03	74.00	-17.97	PK	Ver
3*	2484.000	49.19	-9.79	39.40	54.00	-14.60	AV	Ver



4. CONDUCTED SPURIOUS & BAND EDGE EMISSION

4.1 LIMIT

According to FCC section 15.247(d), 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

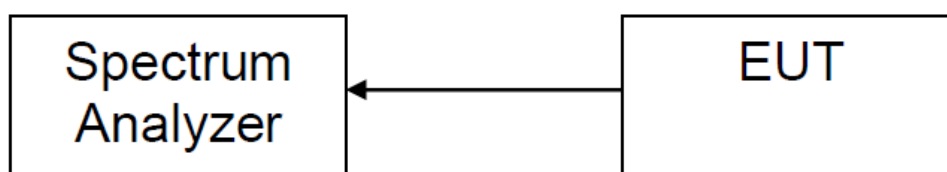
For Band edge

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.

Note: Not recorded emission from 9 KHz to 30 MHz as emission level at least 20dBc lower than emission limit.



5. POWER SPECTRAL DENSITY TEST

5.1 LIMIT

FCC Part15.247 , Subpart C				
Section	Test Item	Limit	Frequency Range (MHz)	Result
15.247(e)	Power Spectral Density	≤ 8 dBm (RBW ≥ 3 KHz)	2400-2483.5	PASS

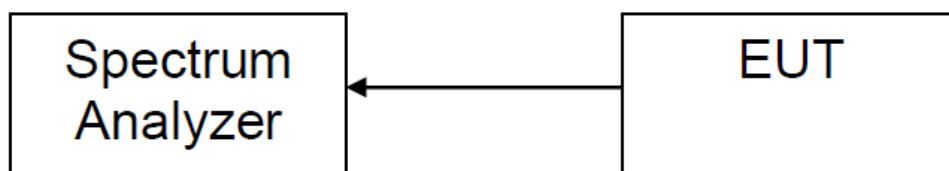
5.2 TEST PROCEDURE

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

FCC Part15.247,Subpart C				
Section	Test Item	Limit	Frequency Range (MHz)	Result
15.247(a)(2)	Bandwidth	$\geq 500\text{KHz}$ (6dB bandwidth)	2400-2483.5	PASS

6.2 TEST PROCEDURE

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

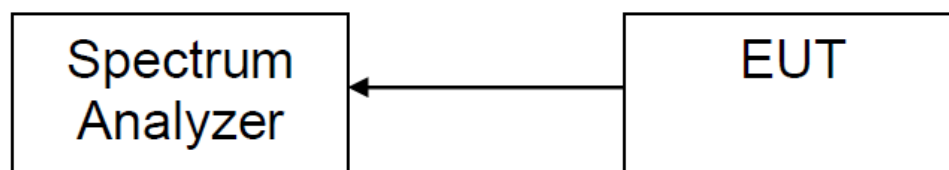
Center Frequency	The centre frequency of the channel under test
Detector	Peak
RBW	For 6 dB Bandwidth: 1% to 5% of the OBW but not less than 100 kHz For 99% Bandwidth: 1% to 5% of the OBW
VBW	For 6 dB Bandwidth: $\geq 3 \times \text{RBW}$ For 99% Bandwidth: $\geq 3 \times \text{RBW}$
Trace	Max hold
Sweep	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

FCC Part15.247,Subpart C				
Section	Test Item	Limit	Frequency Range (MHz)	Result
15.247(b)(3)	Output Power	1 watt or 30dBm	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.

PKPM1 Peak power sensor method:

The maximum peak conducted output power may be measured using a broadband peak RF power sensor. The power sensor 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 requirement: For intentional device, according to 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.

8.2 EUT ANTENNA

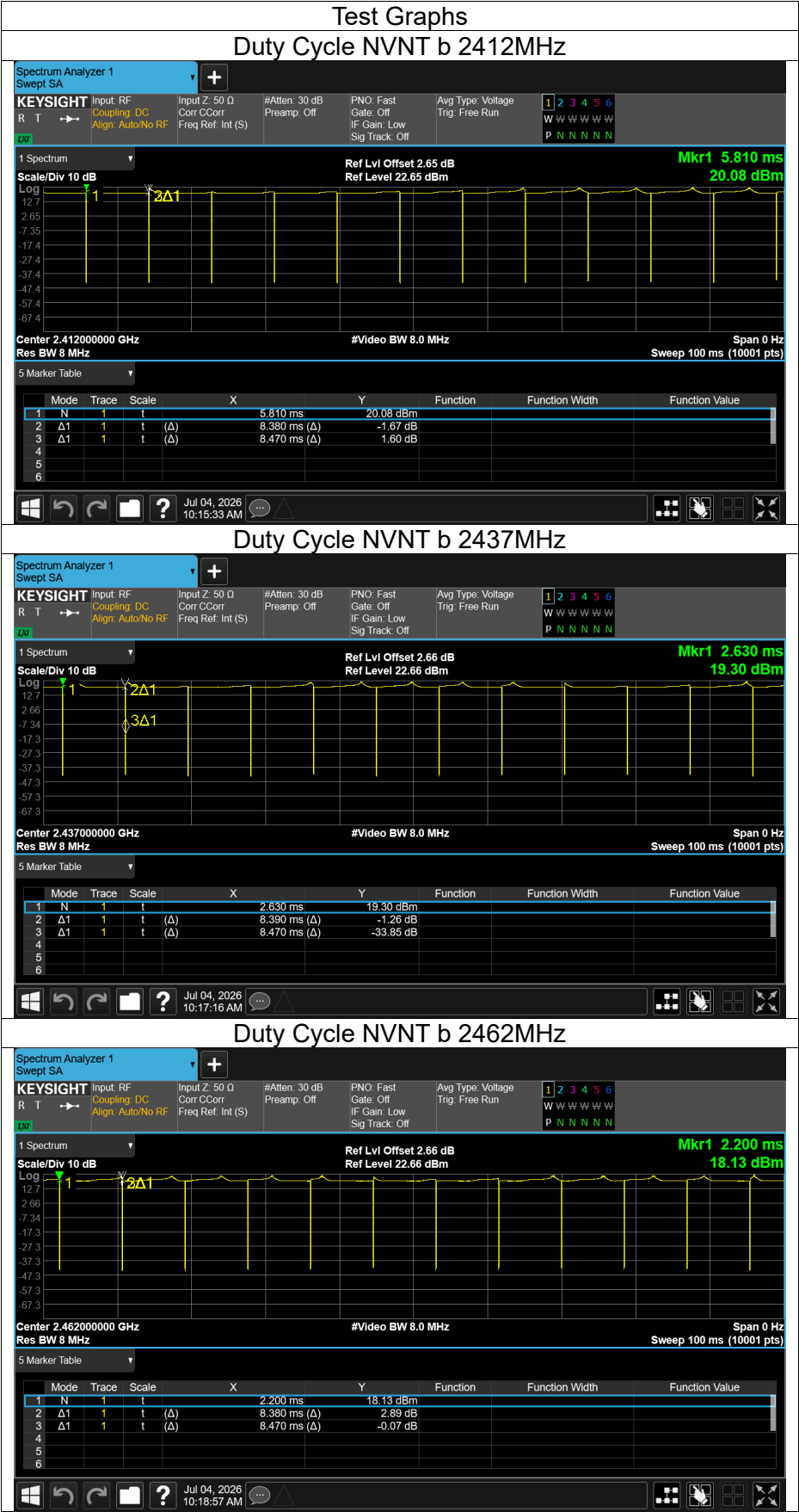
The EUT antenna is PCB Antenna. It comply with the standard requirement.

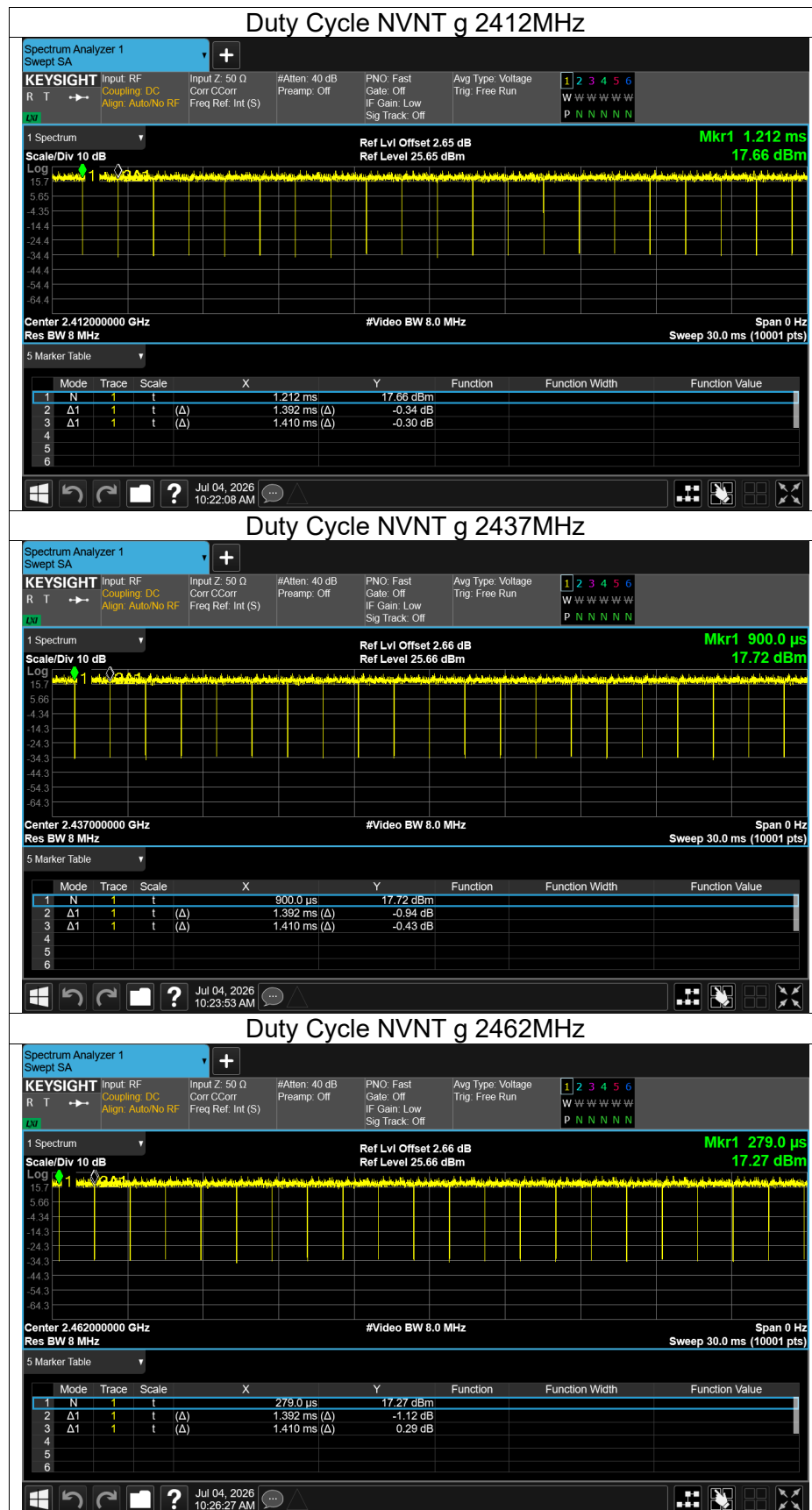


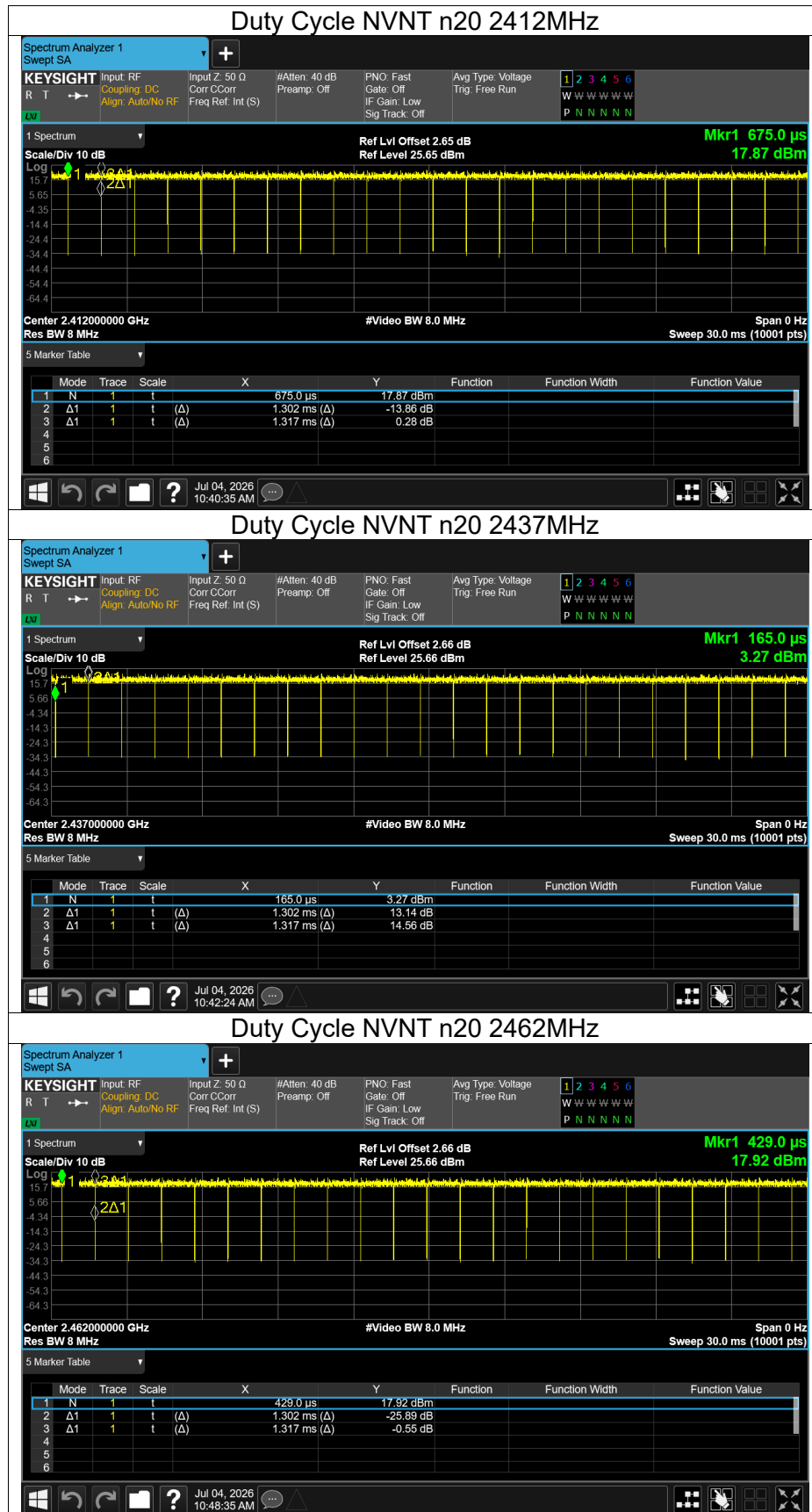
APPENDIX I - TEST RESULTS

Duty Cycle

Condition	Mode	Frequency (MHz)	On Time (ms)	Period (ms)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	8.38	8.47	98.94	0	0.12
NVNT	b	2437	8.39	8.47	99.06	0	0.12
NVNT	b	2462	8.38	8.47	98.94	0	0.12
NVNT	g	2412	1.392	1.41	98.72	0	0.72
NVNT	g	2437	1.392	1.41	98.72	0	0.72
NVNT	g	2462	1.392	1.41	98.72	0	0.72
NVNT	n20	2412	1.302	1.317	98.86	0	0.77
NVNT	n20	2437	1.302	1.317	98.86	0	0.77
NVNT	n20	2462	1.302	1.317	98.86	0	0.77









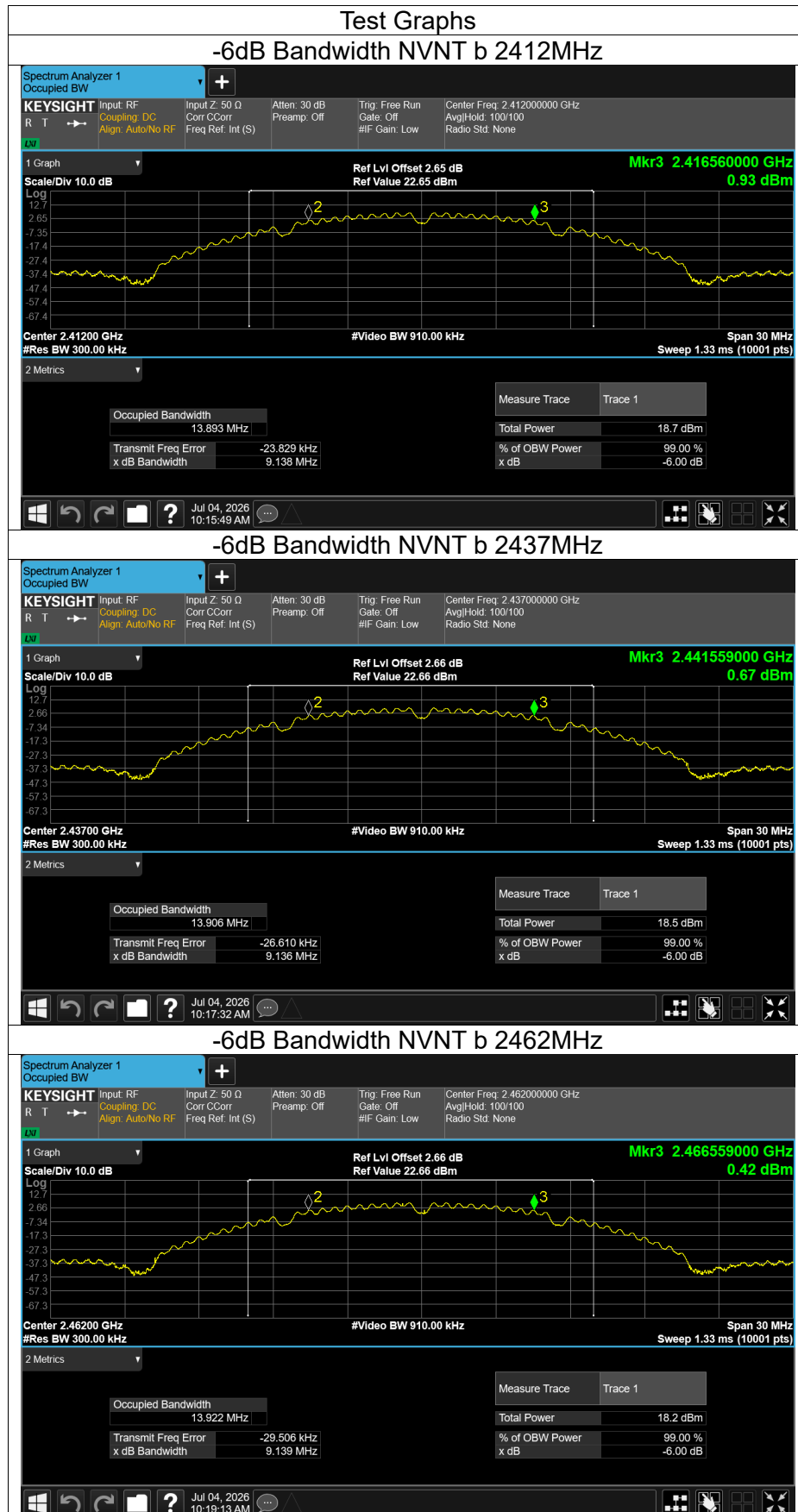
Maximum Peak Conducted Output Power

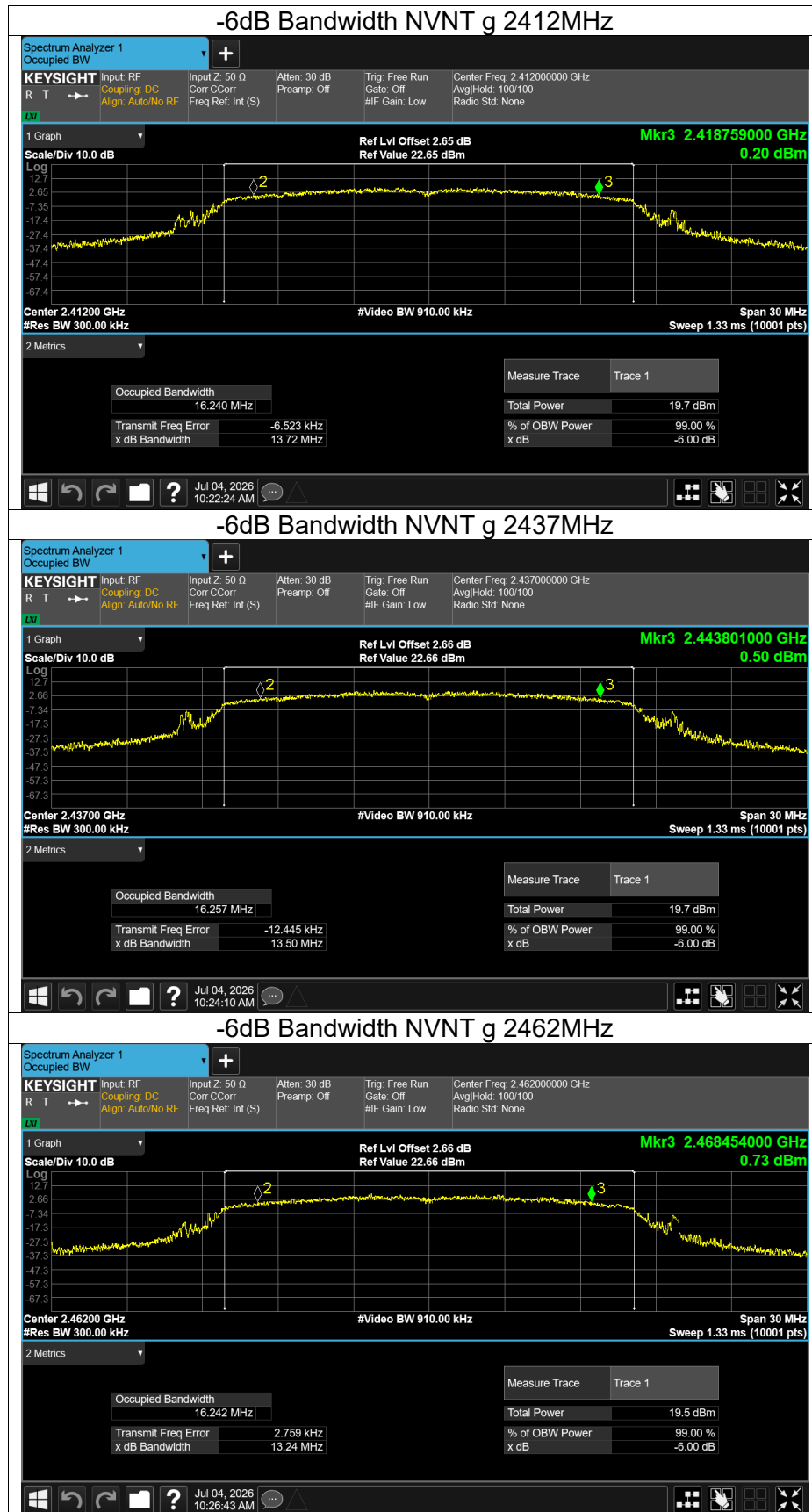
Condition	Mode	Frequency (MHz)	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	15.04	30	Pass
NVNT	b	2437	14.83	30	Pass
NVNT	b	2462	14.63	30	Pass
NVNT	g	2412	13.94	30	Pass
NVNT	g	2437	13.93	30	Pass
NVNT	g	2462	13.87	30	Pass
NVNT	n20	2412	14.08	30	Pass
NVNT	n20	2437	14.08	30	Pass
NVNT	n20	2462	13.91	30	Pass

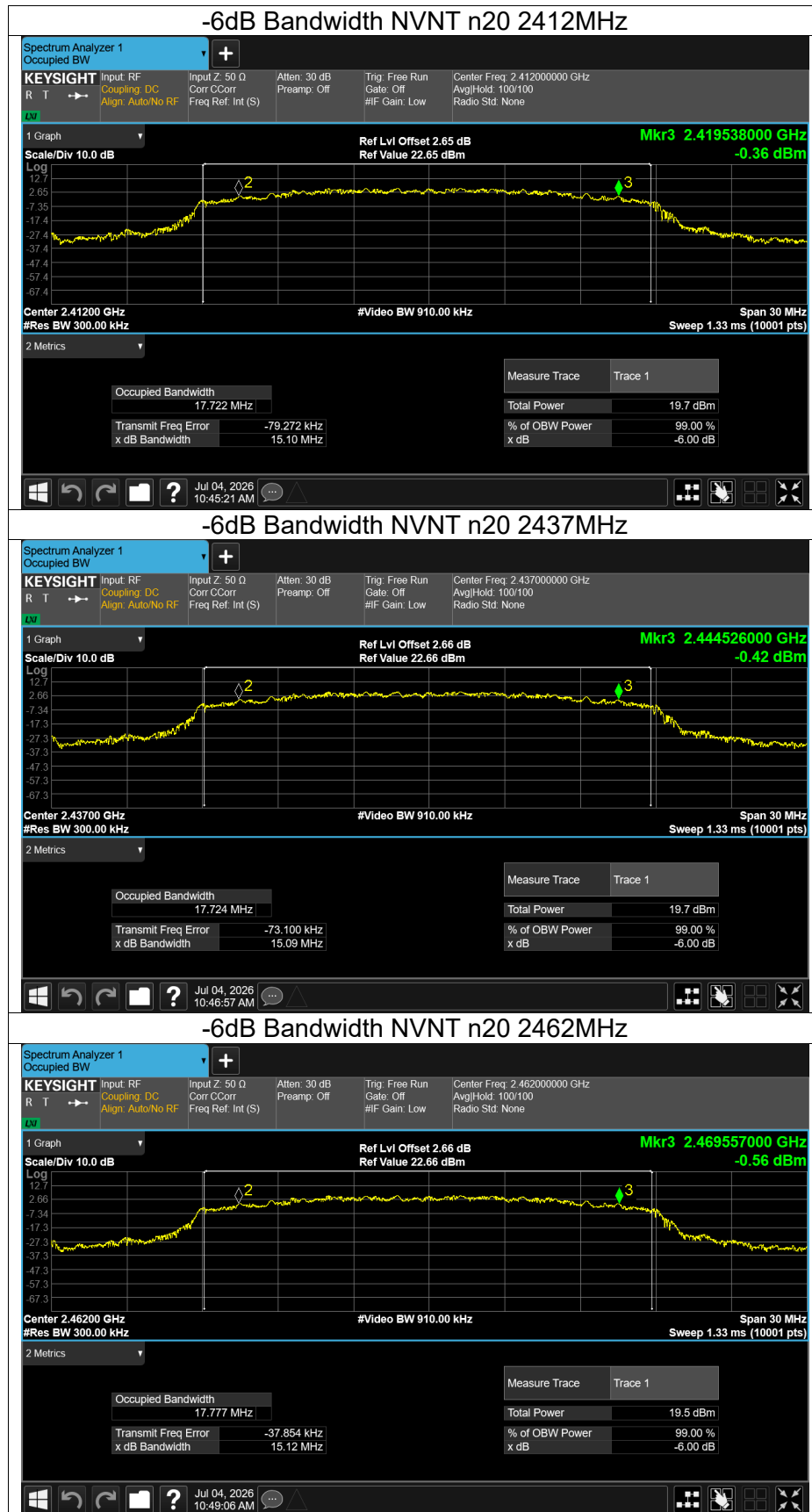


-6dB Bandwidth

Condition	Mode	Frequency (MHz)	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	9.138	0.5	Pass
NVNT	b	2437	9.136	0.5	Pass
NVNT	b	2462	9.139	0.5	Pass
NVNT	g	2412	13.72	0.5	Pass
NVNT	g	2437	13.5	0.5	Pass
NVNT	g	2462	13.24	0.5	Pass
NVNT	n20	2412	15.1	0.5	Pass
NVNT	n20	2437	15.09	0.5	Pass
NVNT	n20	2462	15.12	0.5	Pass



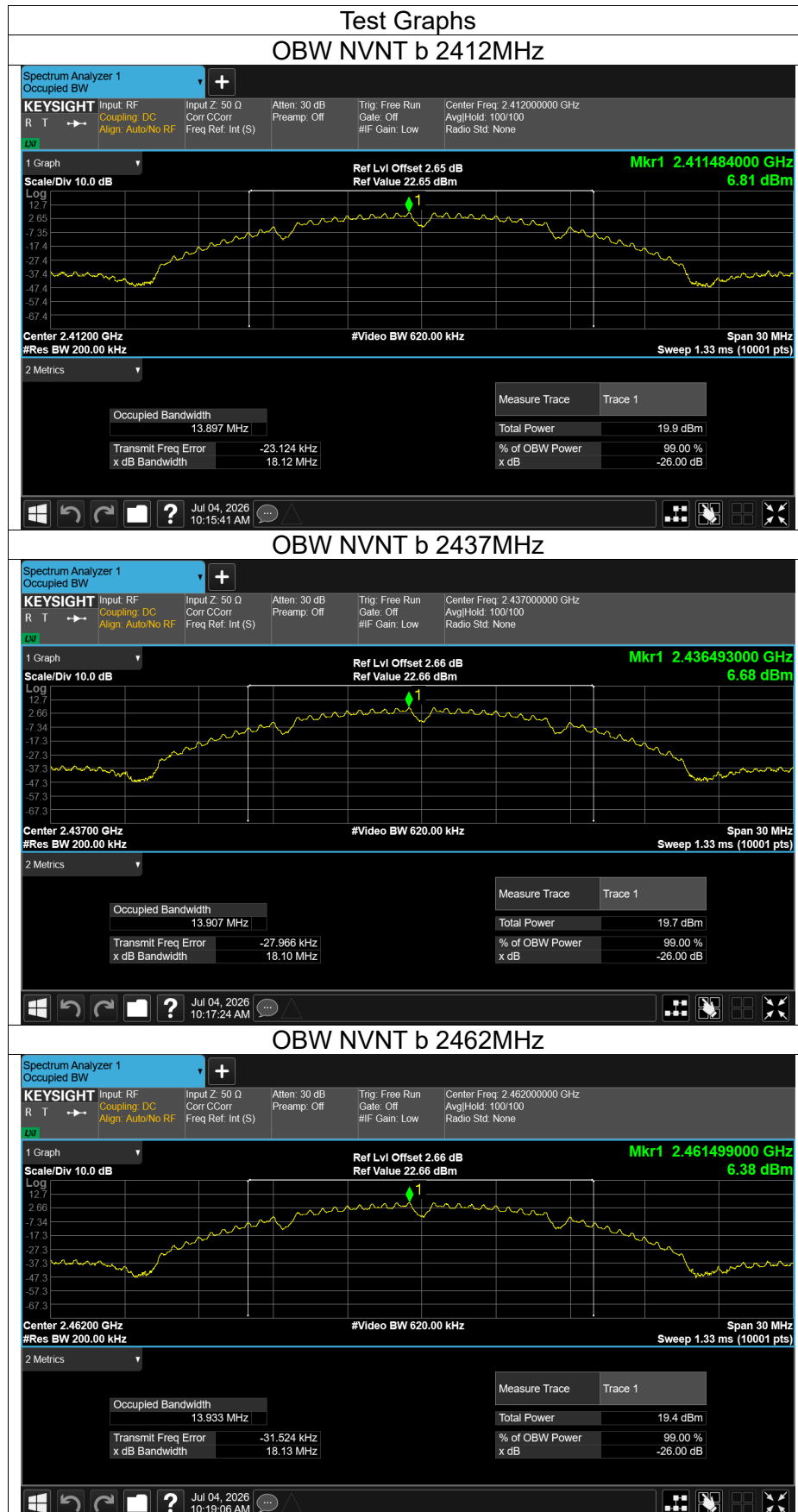


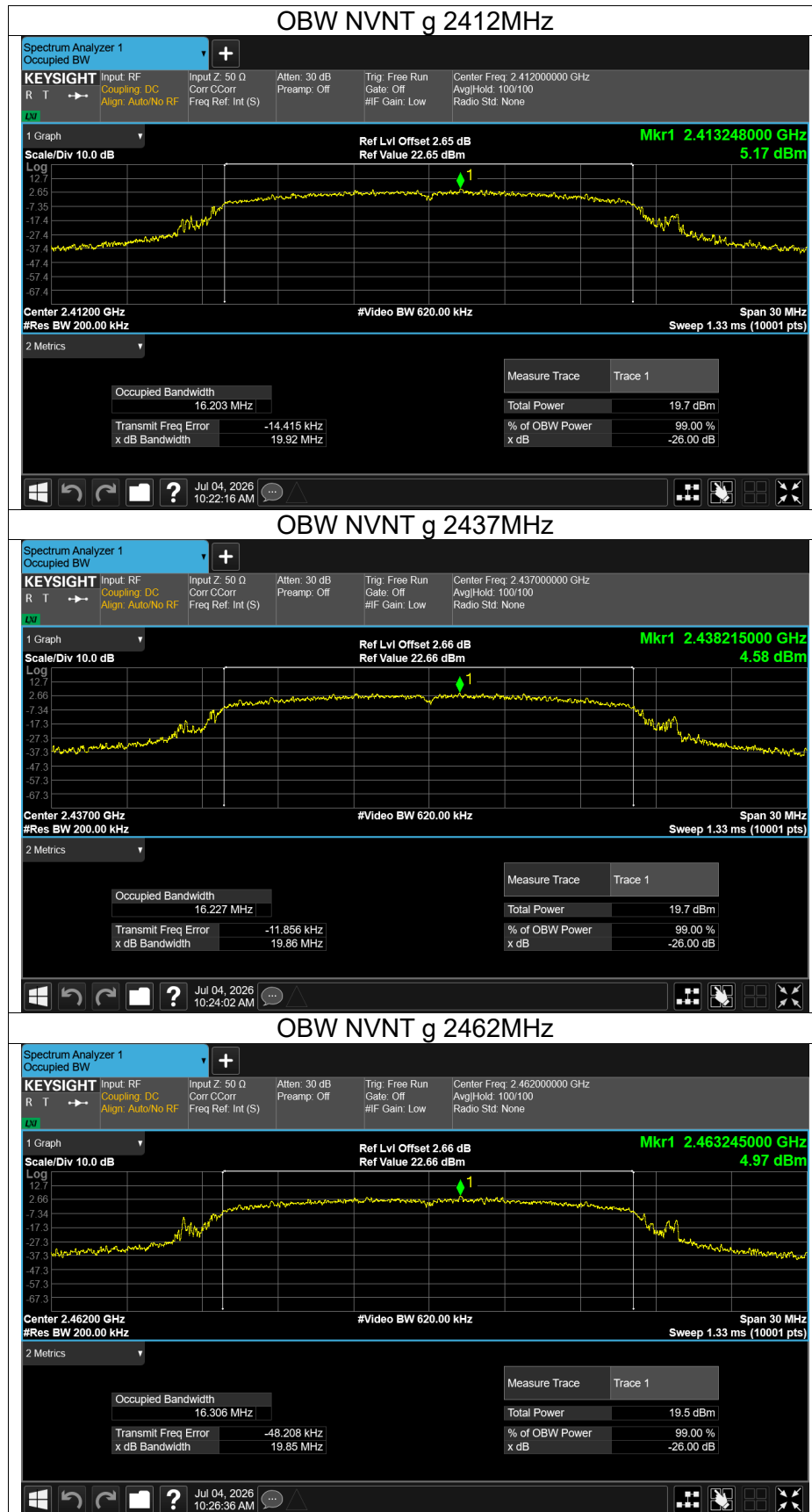




Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	99% OBW (MHz)
NVNT	b	2412	13.897
NVNT	b	2437	13.907
NVNT	b	2462	13.933
NVNT	g	2412	16.203
NVNT	g	2437	16.227
NVNT	g	2462	16.306
NVNT	n20	2412	17.589
NVNT	n20	2437	17.533
NVNT	n20	2462	17.627



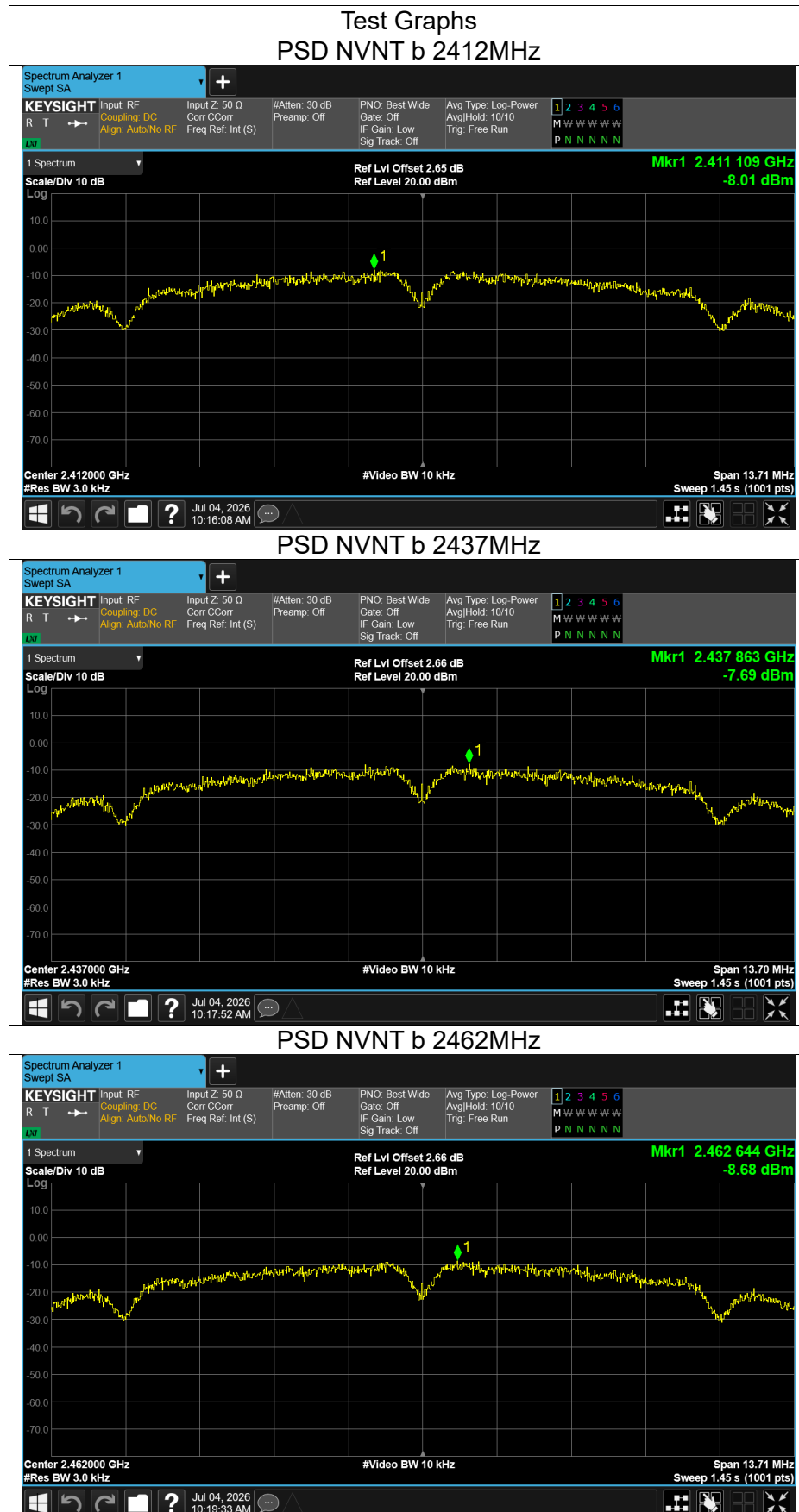


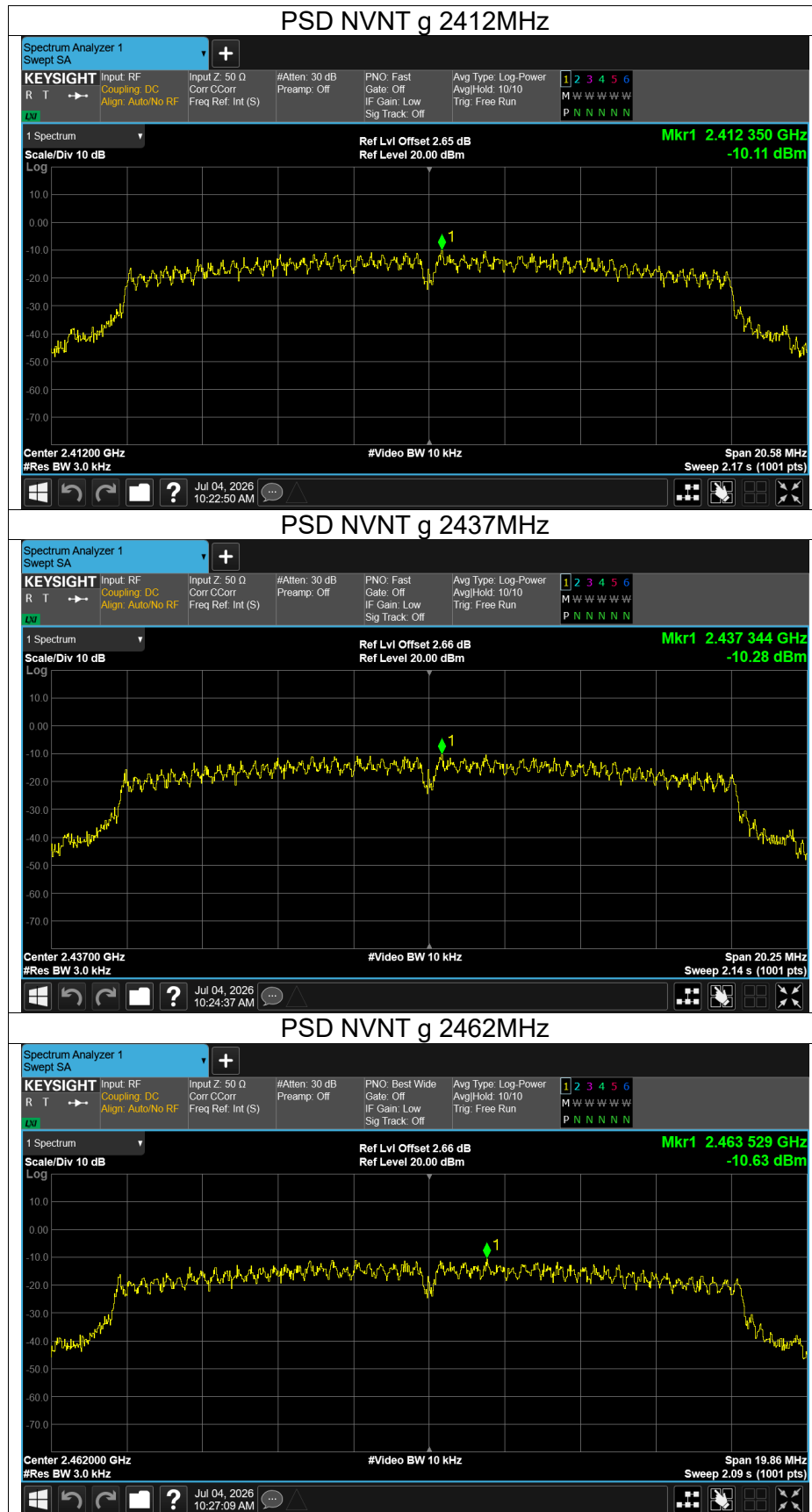


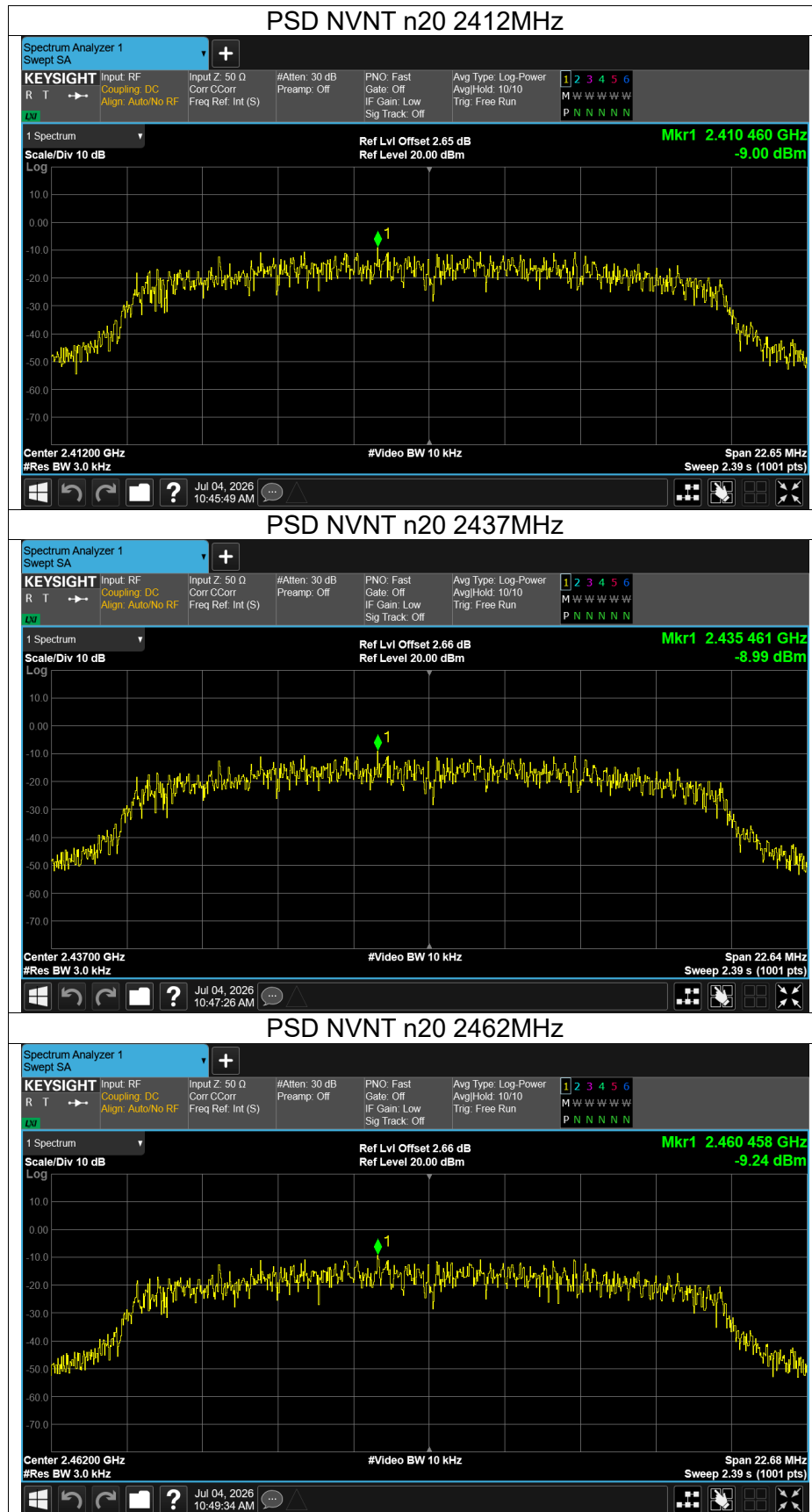


Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Conducted PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	-8.01	8	Pass
NVNT	b	2437	-7.69	8	Pass
NVNT	b	2462	-8.68	8	Pass
NVNT	g	2412	-10.11	8	Pass
NVNT	g	2437	-10.28	8	Pass
NVNT	g	2462	-10.64	8	Pass
NVNT	n20	2412	-8.99	8	Pass
NVNT	n20	2437	-8.99	8	Pass
NVNT	n20	2462	-9.24	8	Pass



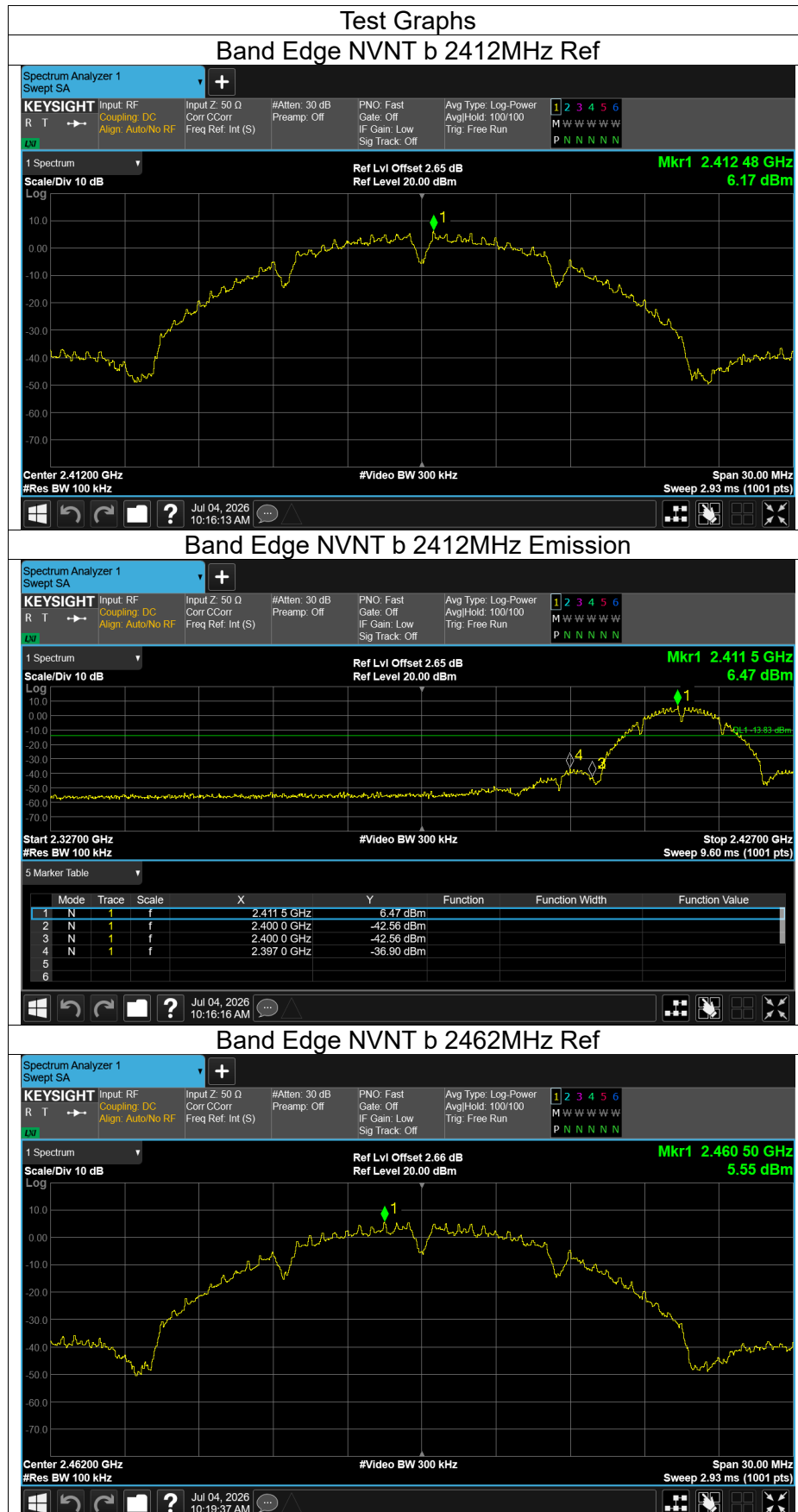


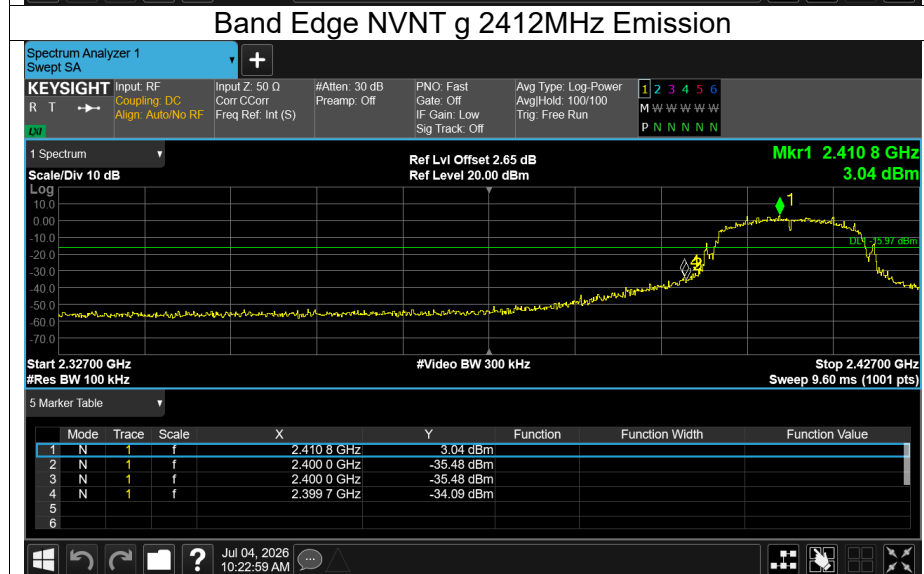
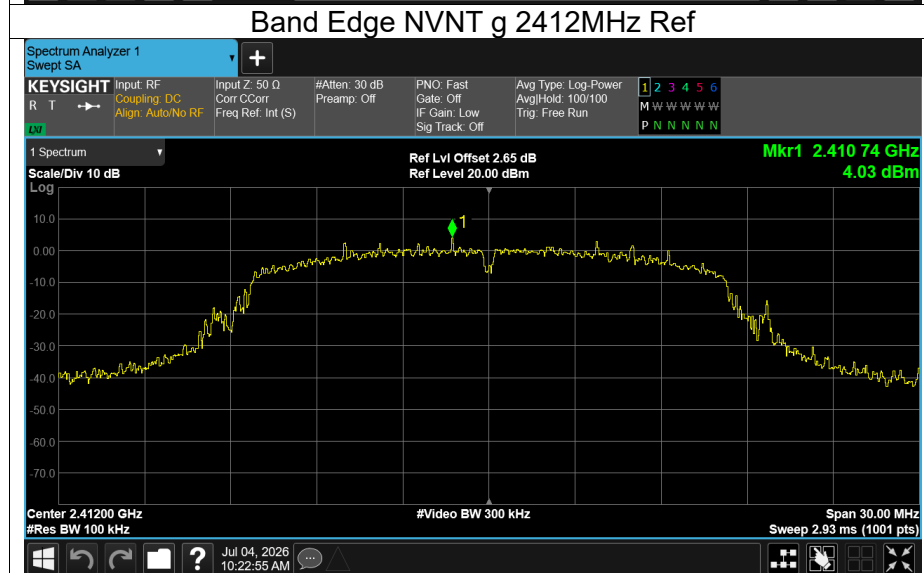
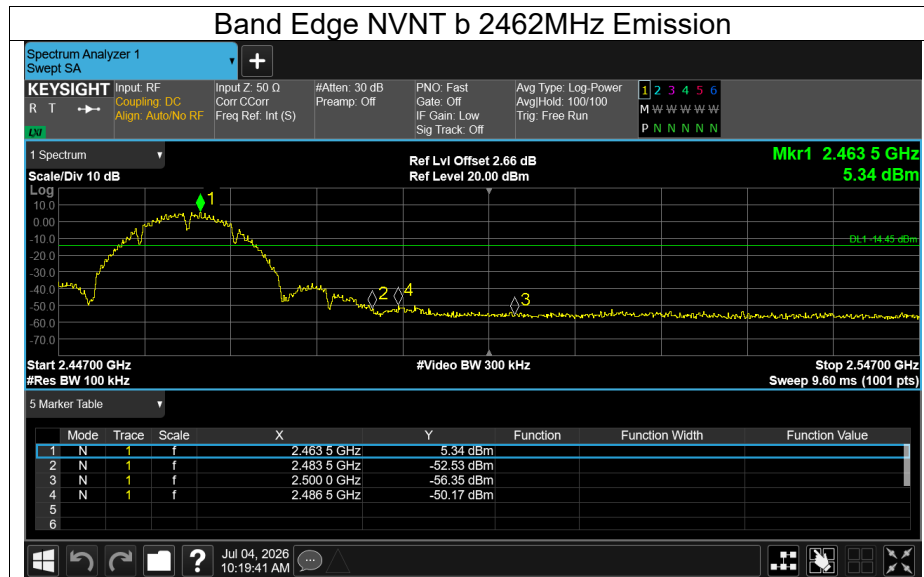


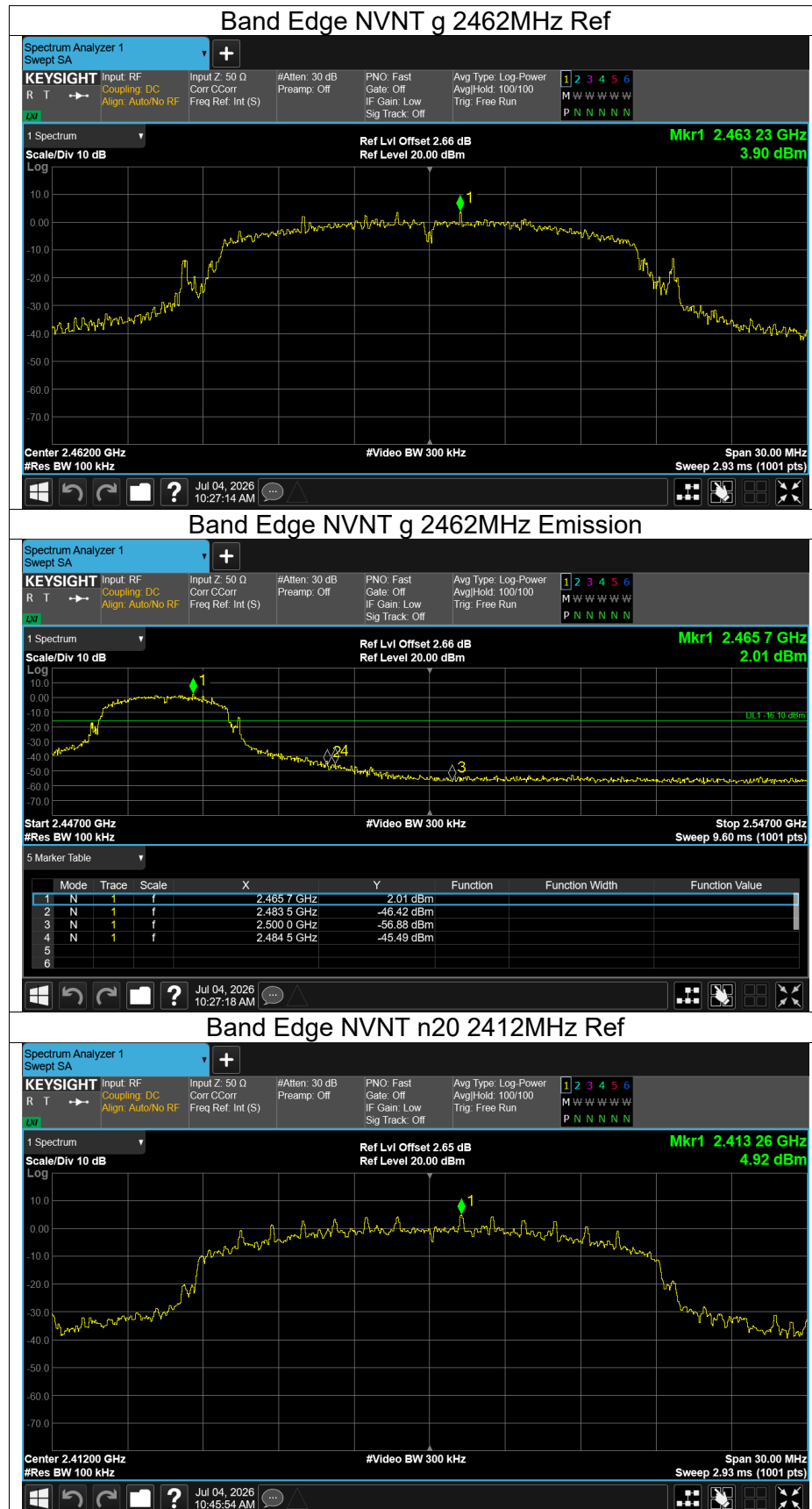


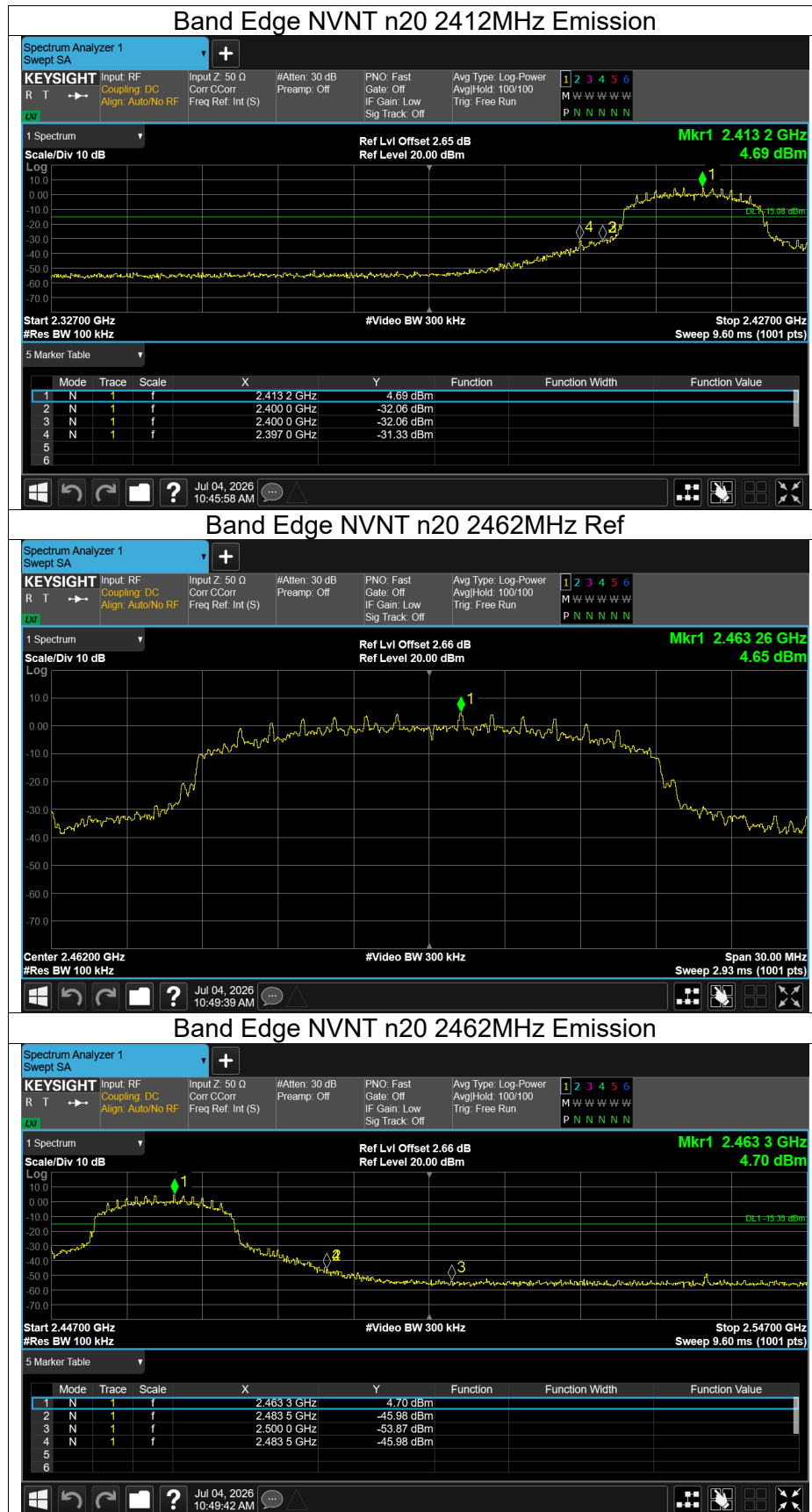
Band Edge

Condition	Mode	Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	-43.07	-20	Pass
NVNT	b	2462	-55.72	-20	Pass
NVNT	g	2412	-38.12	-20	Pass
NVNT	g	2462	-49.39	-20	Pass
NVNT	n20	2412	-36.24	-20	Pass
NVNT	n20	2462	-50.63	-20	Pass





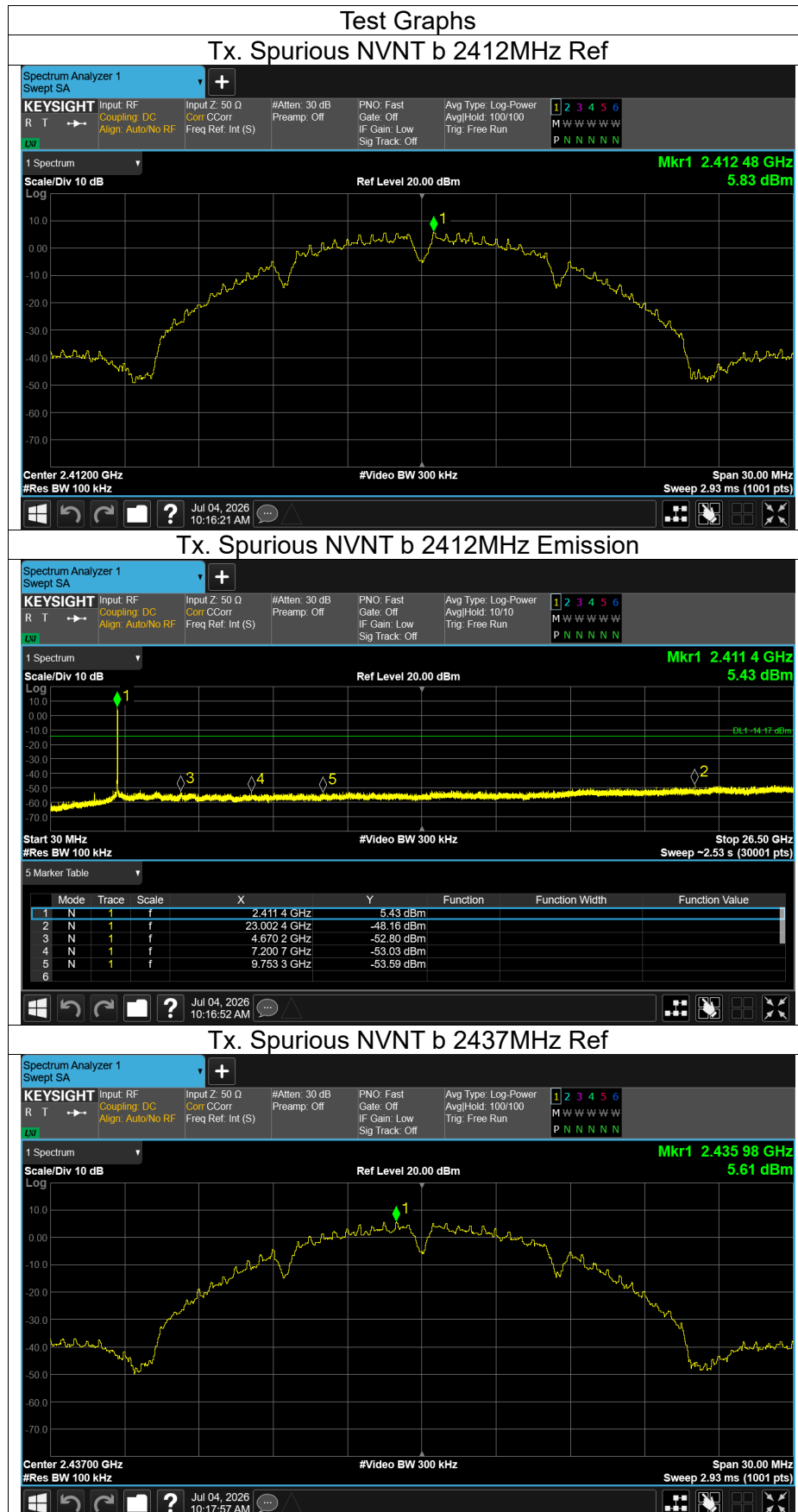


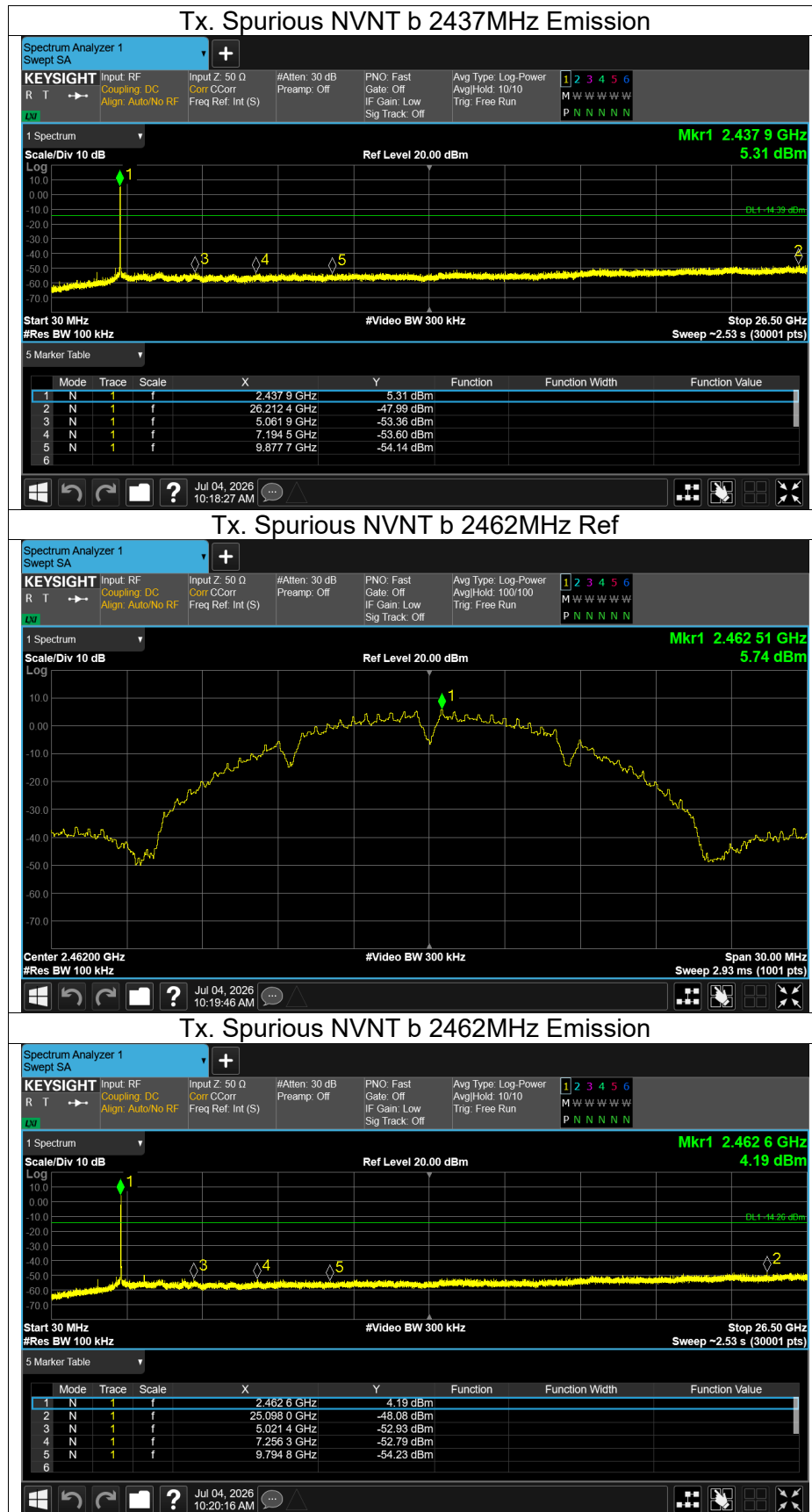


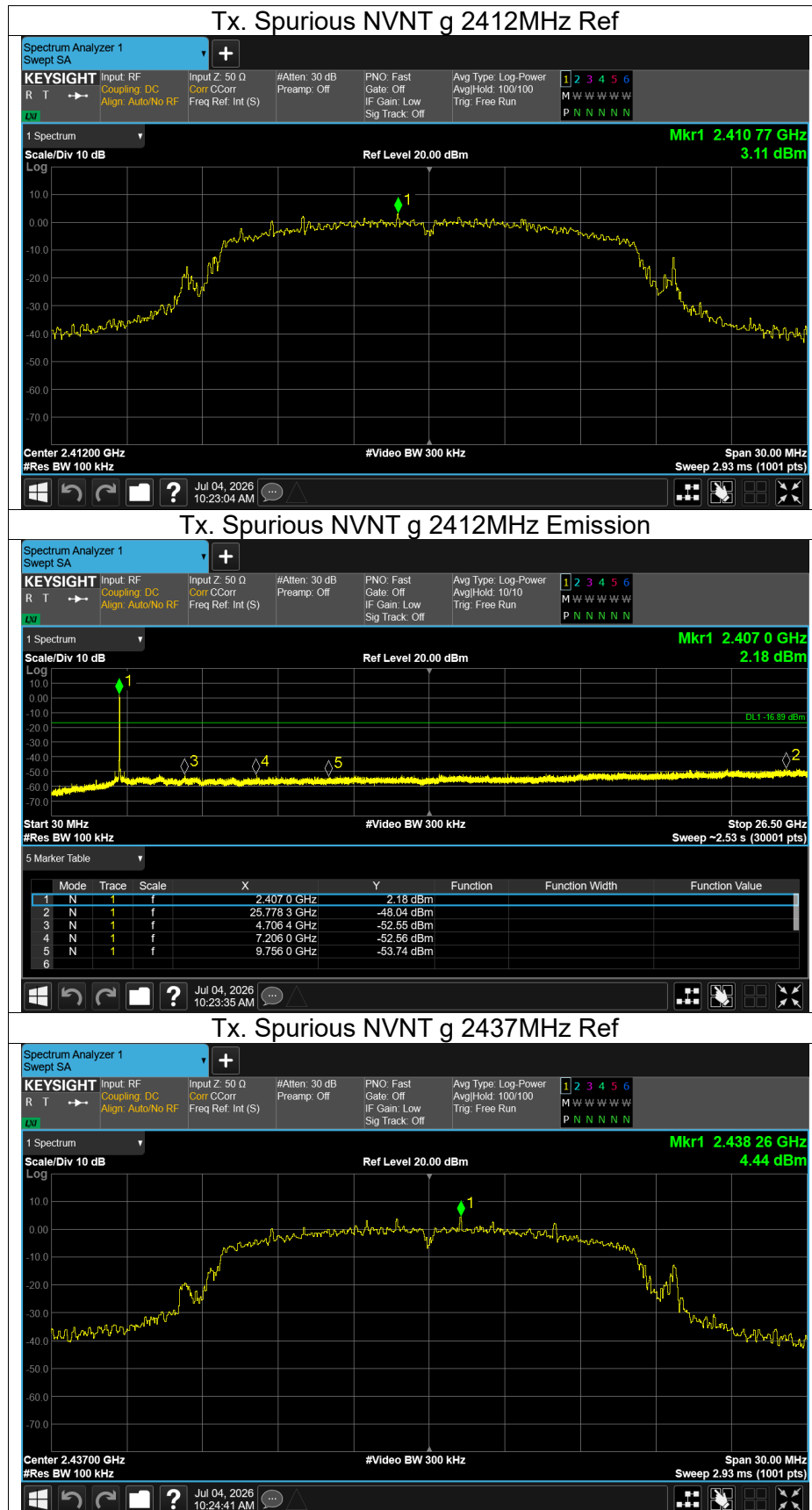


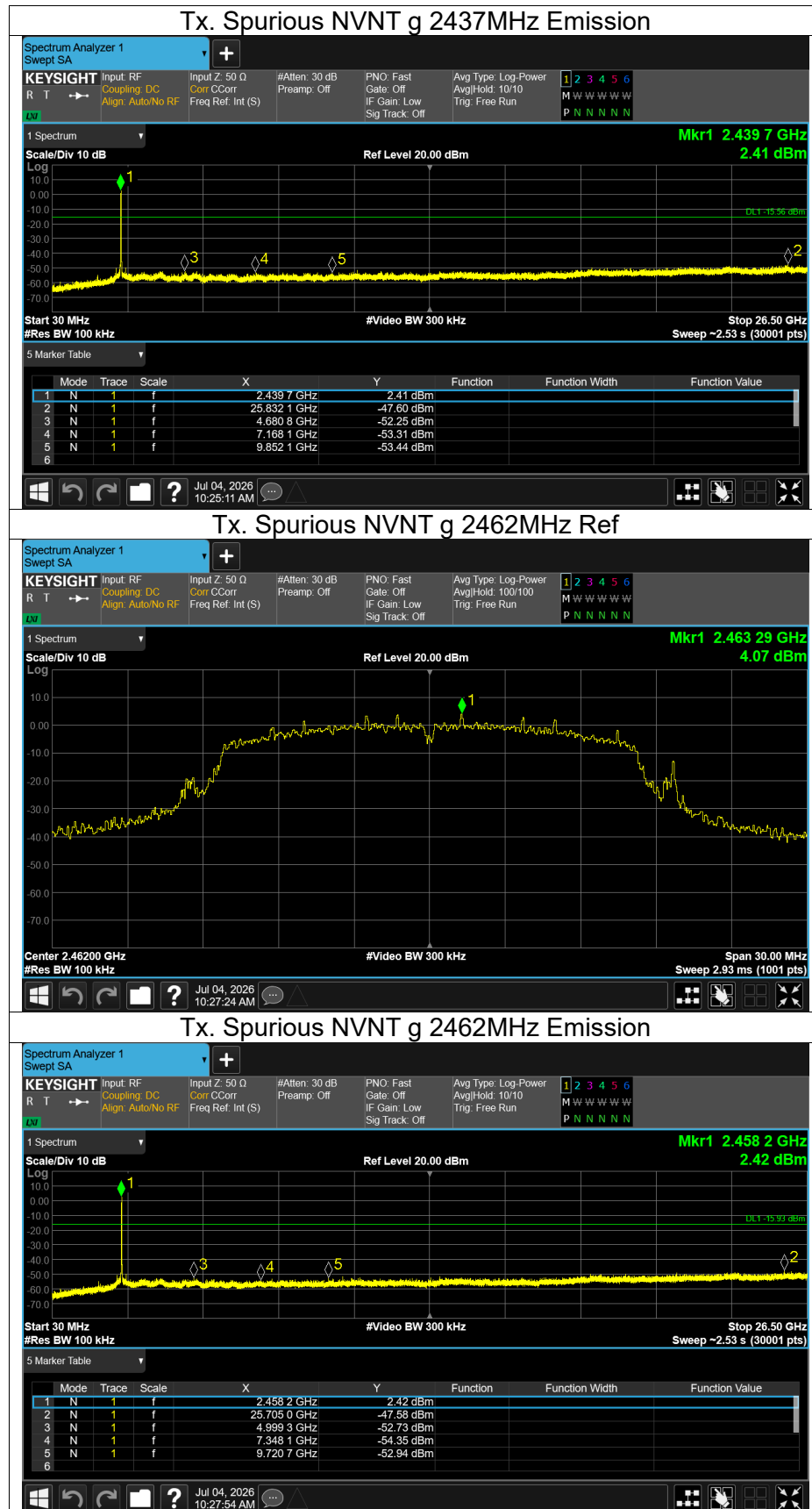
Conducted RF Spurious Emission

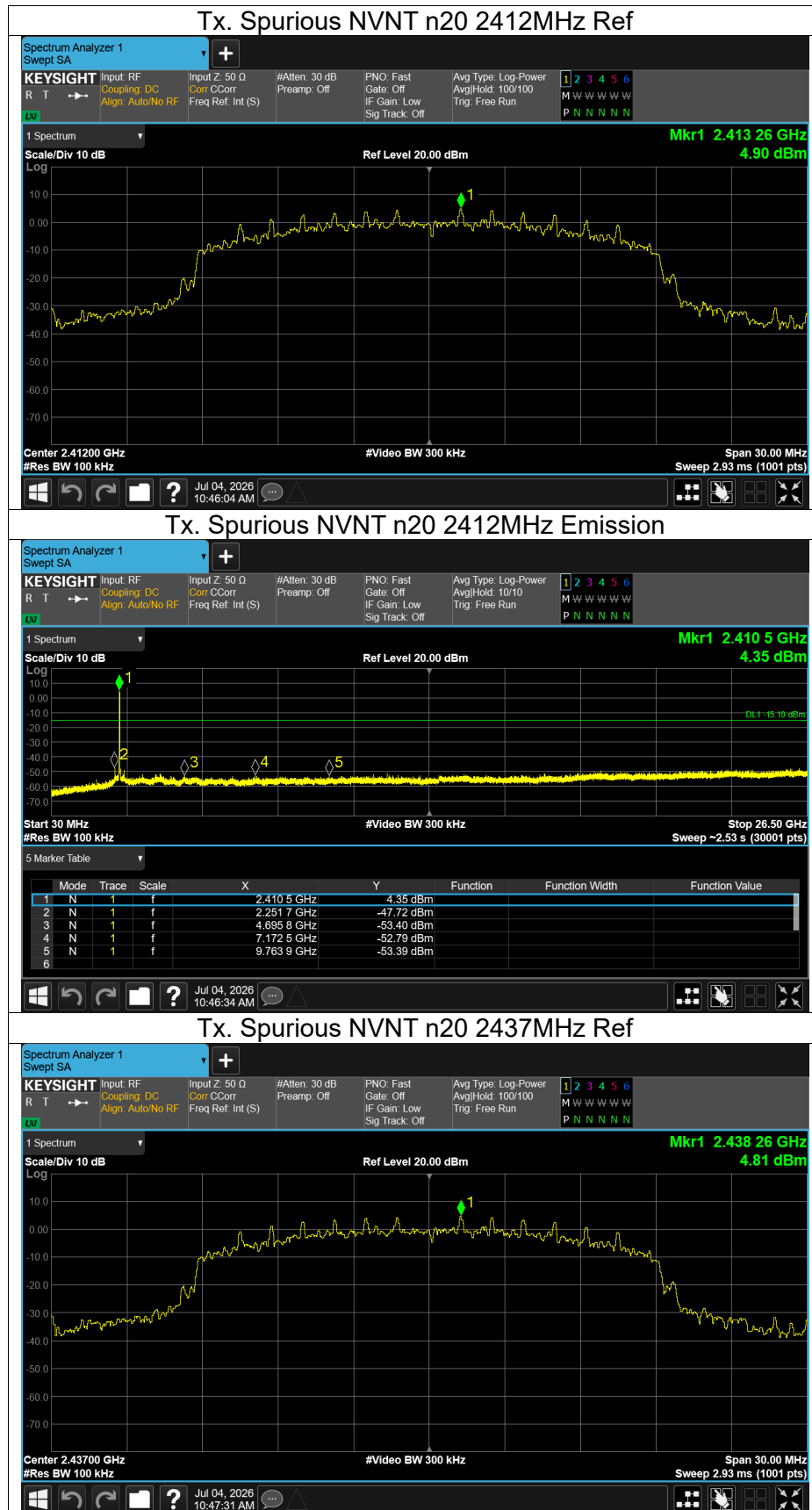
Condition	Mode	Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	-53.98	-20	Pass
NVNT	b	2437	-53.6	-20	Pass
NVNT	b	2462	-53.81	-20	Pass
NVNT	g	2412	-51.14	-20	Pass
NVNT	g	2437	-52.04	-20	Pass
NVNT	g	2462	-51.64	-20	Pass
NVNT	n20	2412	-52.61	-20	Pass
NVNT	n20	2437	-52.73	-20	Pass
NVNT	n20	2462	-51.79	-20	Pass















APPENDIX II - MEASUREMENT PHOTOS

Note: Please see the attached RF_Test Setup photos for FCC ID.

※※※※※END OF THE REPORT※※※※※