



Radio Test Report

Report No.: STS2606087W07

Issued for

THINKCAR TECH CO., LTD.

2606, building 4, phase II, TiananYungu, Gangtou community,
Bantian, Longgang District, Shenzhen, China

Product Name: Automotive Diagnostic Device

Brand Name: THINKCAR, MUCAR

Model Name: GVCI

Series Model(s): N/A

FCC ID: 2AUARTKGVCI

Test Standards: FCC Part15.247

The test results presented in this report relate only to the object tested. This report shall not be reproduced, except in full, without the written approval of the Shenzhen STS Test Services Co., Ltd.

**TEST REPORT****Applicant's Name** THINKCAR TECH CO., LTD.Address 2606, building 4, phase II, TiananYungu, Gangtou community,
Bantian, Longgang District, Shenzhen, China**Manufacturer's Name** THINKCAR TECH CO., LTD.Address 2606, building 4, phase II, TiananYungu, Gangtou community,
Bantian, Longgang District, Shenzhen, China**Product Description**

Product Name Automotive Diagnostic Device

Brand Name THINKCAR, MUCAR

Model Name GVCI

Series Model(s) N/A

Standards FCC Part 15.247

Test Procedure ANSI C63.10-2020+Cor 1-2023

This device described above has been tested by STS, the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report.

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Date of Test

Date of receipt of test item 12 June 2026

Date (s) of performance of tests 12 June 2026 ~ 16 July 2026

Date of Issue 16 July 2026

Test Result **Pass**

Testing Engineer :

(Aaron Bu)

Technical Manager :

(Skylar Li)

Authorized Signatory :

(Bovey Yang)





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Revision History

Rev.	Issue Date	Report No.	Effect Page	Contents
00	16 July 2026	STS2606087W07	ALL	Initial Issue



1. SUMMARY OF TEST RESULTS

Test procedures according to the technical standards:

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 FACTORY

SHENZHEN STS TEST SERVICES CO., LTD

Add. : 101, Building B, Zhuoke Science Park, No.190 Chongqing Road, ZhanChengShequ, Fuhai Sub-District, Bao'an District, Shenzhen, Guang Dong, China

FCC test Firm Registration Number: 625569

IC test Firm Registration Number: 12108A

A2LA Certificate No.: 4338.01

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	$\pm 0.751\text{dB}$
2	Unwanted Emissions, conducted	$\pm 2.888\text{dB}$
3	All emissions, radiated 9K-30MHz	$\pm 2.48\text{dB}$
4	All emissions, radiated 30M-1GHz	$\pm 2.52\text{dB}$
5	All emissions, radiated 1G-18GHz	$\pm 3.48\text{dB}$
6	All emissions, radiated >18GHz	$\pm 4.18\text{dB}$
7	Conducted Emission (9KHz-150KHz)	$\pm 2.48\text{dB}$
8	Conducted Emission (150KHz-30MHz)	$\pm 2.52\text{dB}$
9	Occupied Channel Bandwidth	$\pm 3.6\%$
10	Power Spectral Density, conducted	$\pm 1.214\text{dB}$
11	Duty Cycle	$\pm 3.2\%$



2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF THE EUT

Product Name	Automotive Diagnostic Device	
Brand Name	THINKCAR, MUCAR	
Model Name	GVCI	
Series Model(s)	N/A	
Model Difference	N/A	
Product Description	Operation Frequency	802.11b/g/n 20: 2412~2462 MHz 802.11n40:2422~2452MHz
	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
	Bit Rate of Transmitter:	802.11b:11/5.5/2/1 Mbps 802.11g:54/48/36/24/18/12/9/6Mbps 802.11n(20MHz):65/58.5/52/39/26/19.5/13/6.5Mbps 802.11n(40MHz):135/121.5/108/81/54/40.5/37/13.5Mbps
	Number of Channel	802.11b/g/n20: 11CH 802.11n 40: 7CH
	Antenna Type	FPC
	Antenna Gain	0.48dBi
Channel List	Please refer to the Note 3.	
Power Rating	Input: 9-18V 130mA	
Adapter	N/A	
Battery	N/A	
Hardware version	V1.0	
Software version	V1.0	
Sample Number	260612003-2	
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 details in this report are based on the manufacturer provided antenna specification documents and apply only to the tested sample identified herein. Any discrepancies in the antenna information may affect the accuracy of the test results, and the customer assumes responsibility for any related issues



3.Channel List

Operation Frequency of channel			
802.11b/g/n(20MHz)		Channel List for 802.11n(40MHz)	
Channel	Frequency	Channel	Frequency
01	2412	03	2422
02	2417	04	2427
03	2422	05	2432
04	2427	06	2437
05	2432	07	2442
06	2437	08	2447
07	2442	09	2452
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)		For 802.11n (HT40)	
Channel	Freq.(MHz)	Channel	Freq.(MHz)
01	2412	03	2422
06	2437	06	2437
11	2462	09	2452



2.2 DESCRIPTION OF THE TEST MODES

Worst Mode	Description	Data Rate
Mode 1	TX IEEE 802.11b CH01	1 Mbps
Mode 2	TX IEEE 802.11b CH06	1 Mbps
Mode 3	TX IEEE 802.11 b CH11	1 Mbps
Mode 4	TX IEEE 802.11g CH01	6 Mbps
Mode 5	TX IEEE 802.11g CH06	6 Mbps
Mode 6	TX IEEE 802.11g CH11	6 Mbps
Mode 7	TX IEEE 802.11n HT20 CH01	MCS 0
Mode 8	TX IEEE 802.11n HT20 CH06	MCS 0
Mode 9	TX IEEE 802.11n HT20 CH11	MCS 0
Mode 10	TX IEEE 802.11n HT40 CH03	MCS 0
Mode 11	TX IEEE 802.11n HT40 CH06	MCS 0
Mode 12	TX IEEE 802.11n HT40 CH09	MCS 0

Note:

- (1) The measurements are performed at all Bit Rate of Transmitter, the worst data was reported.
- (2) We have be tested for all available U.S. voltage and frequencies(For 120V,50/60Hz and 240V, 50/60Hz) for which the device is capable of operation, and the worst case of 120V /60Hz is shown in the report.

AC Conducted Emission

Test Case	
AC Conducted Emission	Mode13: Keeping TX + WLAN Link



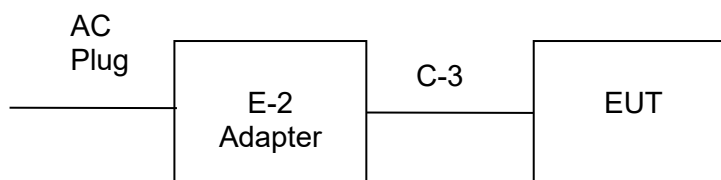
2.3 TEST SOFTWARE AND POWER LEVEL

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

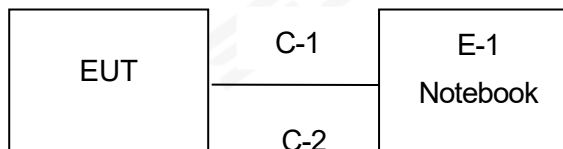
RF Function	Type	Mode Or Modulation type	ANT Gain(dBi)	Power Class	Software For Testing
WIFI(2.4G)	2.4G WIFI	802.11b	0.48	10	SecureCRT
		802.11g		10	
		802.11n(HT20)		10	
		802.11n(HT40)		10	

2.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

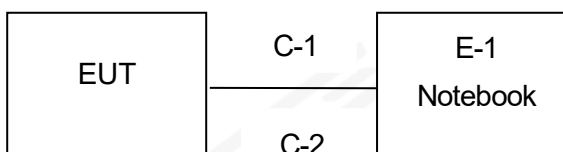
Conducted Emission Test



Radiated Spurious Emission Test



RF Conducted Test





2.5 DESCRIPTION OF NECESSARY ACCESSORIES AND SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Item	Equipment	Mfr/Brand	Model/Type No.	Note
E-1	Notebook	DELL	Inspiron 3501	N/A
E-2	Adapter	ZTC	NB-A515A	N/A
C-1	Serial port board	XES	WTYZK	N/A
C-2	USB Cable	MI	RYEW3A	N/A
C-3	USB Cable	ZTC	NB-A515A	N/A

Item	Equipment	Mfr/Brand	Length	Note
C-2	Shielded	NO	150cm	N/A
C-3	Shielded	NO	100cm	N/A

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”.



2.6 EQUIPMENTS LIST FOR ALL TEST ITEMS

RF Radiation Test Equipment					
Kind of Equipment	Manufacturer	Type No.	Serial No.	Last Calibration	Calibrated Until
966 chamber	CHENYU	966 Room	966	2025.08.13	2028.08.12
Temperature & Humidity	TORIE	TP502V4-P	6700000124280	2025.10.13	2026.10.12
Pre-Amplifier(0.1M-3GHz)	EM	EM330	060665	2026.02.05	2027.02.04
Pre-Amplifier(1G-18GHz)	SKET	LNPA-01018G-45	SK2018080901	2025.09.25	2026.09.24
Pre-Amplifier(18G-40GHz)	SKET	LNPA_1840-50	SK2018101801	2026.03.04	2027.03.03
Active loop Antenna	ZHINAN	ZN30900C	16035	2025.02.25	2027.02.24
Bilog Antenna	TESEQ	CBL6111D	34678	2025.09.27	2027.09.26
Horn Antenna	SCHWARZBECK	BBHA 9120D	02014	2025.09.27	2027.09.26
Horn Antenna	A-INFOMW	LB-180400-KF	J211020657	2025.09.27	2027.09.26
Positioning Controller	MF	MF-7802	MF-780208587	2025.09.26	2026.09.25
Signal Analyzer	R&S	FSV 40-N	101823	2025.09.26	2026.09.25
Switch Control Box	SKET	SU319E	51409043	2025.09.26	2026.09.25
Band 2.4G-2.5G Filter	HX MICROWAVE	HXLBQ-DZA61	5410025	2025.09.23	2026.09.22
Antenna Mast	MF	MFA-440H	1308023	N/A	N/A
RF Coaxial Cable	LEITAI M-WAVE	CA360	DC-18G	2025.09.26	2026.09.25
RF Coaxial Cable	LEITAI M-WAVE	CA360	DC-18G	2025.09.26	2026.09.25
RF Coaxial Cable	LEITAI M-WAVE	CA3507	DC-40G	2025.09.26	2026.09.25
RF Coaxial Cable	LEITAI M-WAVE	CA3507	DC-40G	2025.09.26	2026.09.25
Turn Table	MF	SC100_1	60531	N/A	N/A
AC Power Source	APC	KDF-11010G	F214050035	N/A	N/A
DC power supply	HONGSHENGFENG	DPS-305AF	17064939	2025.09.22	2026.09.21
Test SW	EZ-EMC	Ver.STSLAB-03A1 RE			
AC Conduction Test Equipment					
Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until
Test Receiver	R&S	ESCI	101427	2025.09.25	2026.09.24
Limiter	CYBERTEK	EM5010	N/A	2025.09.25	2026.09.24
LISN	R&S	ENV216	101242	2025.09.25	2026.09.24
LISN	EMCO	3810/2NM	23625	2025.09.25	2026.09.24
CE Cable	EASTSHEEP	C01	10057	2025.09.25	2026.09.24
Temperature & Humidity	TORIE	TP502V4-P	6700000422137	2025.08.26	2026.08.25
Test SW	EZ-EMC	Ver.STSLAB-03A1 CE			
RF Conduction Test Equipment					
Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until
Signal Analyzer	Agilent	N9020A	MY51510623	2026.02.04	2027.02.03
Pulse Power Sensor	Anritsu	MA2411B	917389	2025.09.23	2026.09.22
Power Meter	Anritsu	ML2480	1005127	2025.09.23	2026.09.22
Switch control box	MW	MW100-RFCB	052206001	2025.09.23	2026.09.22
RF Coaxial Cable	XINQY	CT40PE	DC-40G	2026.02.04	2027.02.03
Temperature& Humidity test chamber	Safety test	AG80L	171200018	2026.02.04	2027.02.03
Temperature & Humidity	TORIE	TP502V4-P	6700000124211	2025.10.09	2026.10.08
Test SW	MW	MTS 8310_2.0.0.0			



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 Emission limit (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.

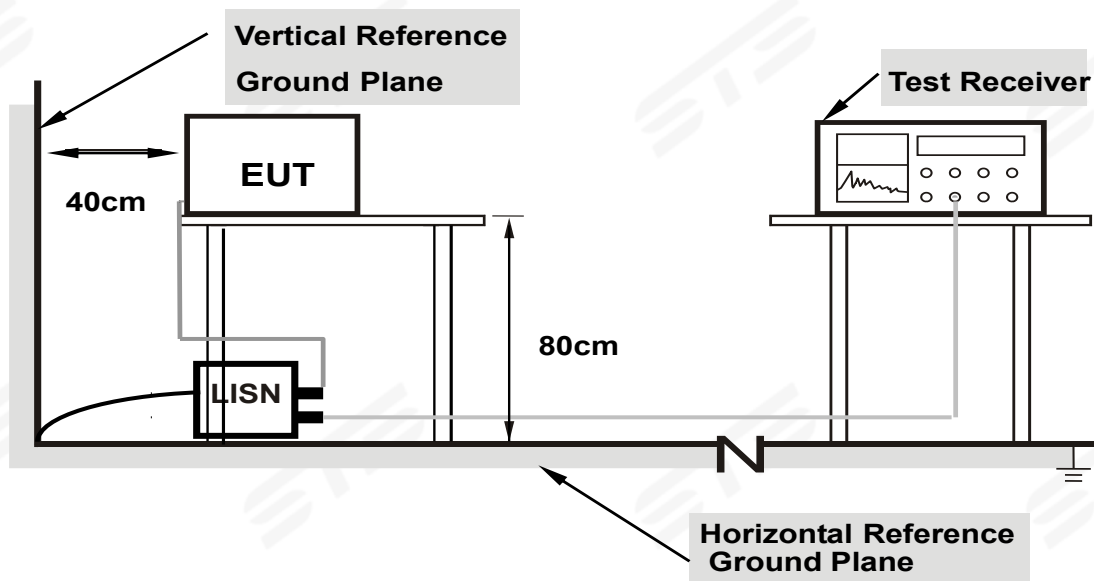
The following table is the setting of the receiver

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.

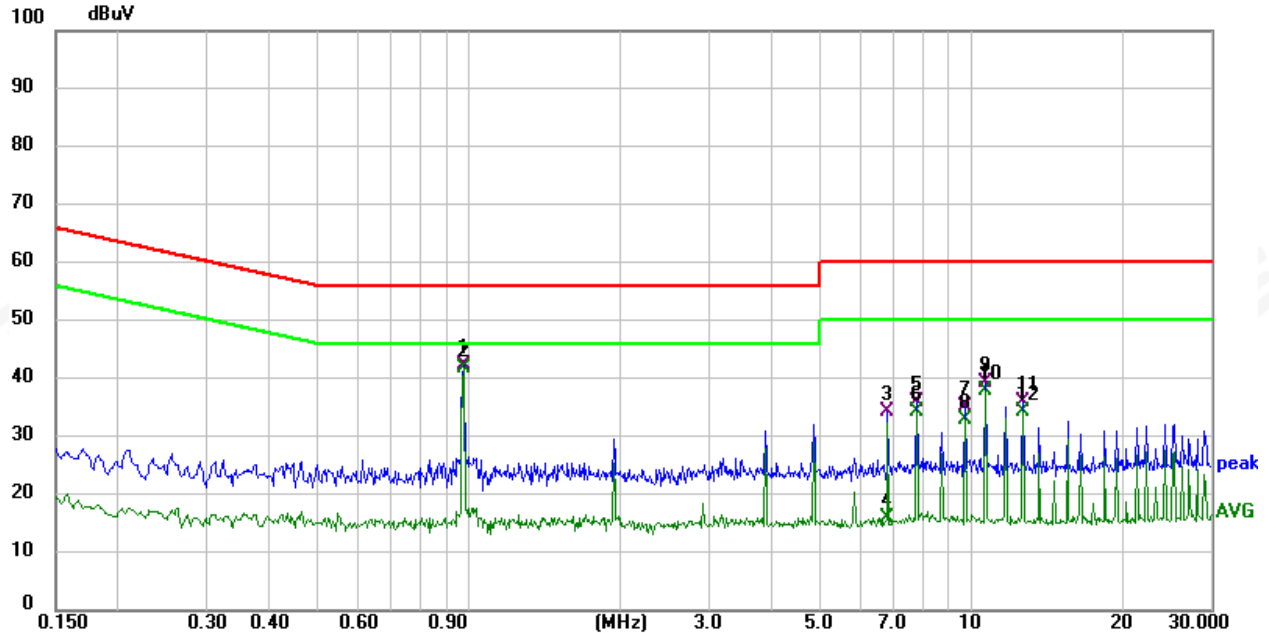
3.1.4 EUT OPERATING CONDITIONS

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

Temperature:	26°C	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz	Phase:	L
Test Mode:	Mode 13		



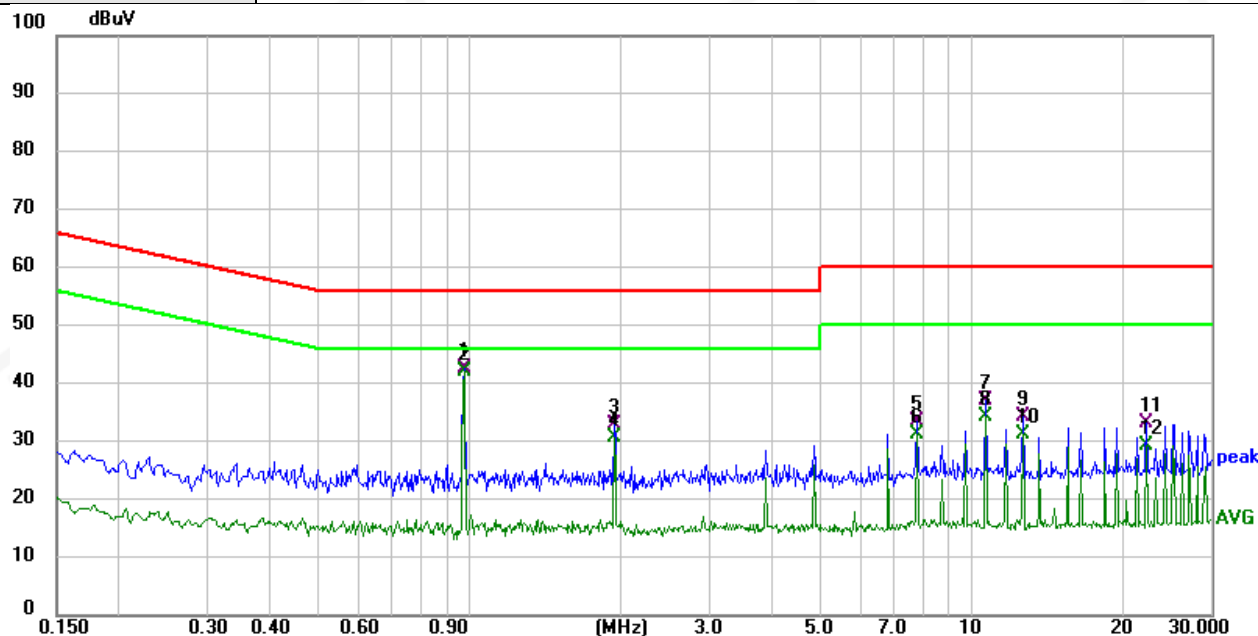
No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Over (dB)	Detector	Pass/Fail
1	0.9700	23.13	19.35	42.48	56.00	-13.52	QP	Pass
2 *	0.9700	22.39	19.35	41.74	46.00	-4.26	AVG	Pass
3	6.7820	14.76	19.45	34.21	60.00	-25.79	QP	Pass
4	6.7820	-3.40	19.45	16.05	50.00	-33.95	AVG	Pass
5	7.7540	16.52	19.50	36.02	60.00	-23.98	QP	Pass
6	7.7540	14.70	19.50	34.20	50.00	-15.80	AVG	Pass
7	9.6899	15.63	19.62	35.25	60.00	-24.75	QP	Pass
8	9.6899	13.38	19.62	33.00	50.00	-17.00	AVG	Pass
9	10.6580	19.52	19.65	39.17	60.00	-20.83	QP	Pass
10	10.6580	18.16	19.65	37.81	50.00	-12.19	AVG	Pass
11	12.5940	16.36	19.69	36.05	60.00	-23.95	QP	Pass
12	12.5940	14.58	19.69	34.27	50.00	-15.73	AVG	Pass

Remark:

1. All readings are Quasi-Peak and Average values
2. Margin = Result (Result = Reading + Factor) - Limit
3. Factor = LISN factor + Cable loss + Limiter (10dB)



Temperature:	26°C	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz	Phase:	N
Test Mode:	Mode 13		



No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Over (dB)	Detector	Pass/Fail
1	0.9700	23.36	19.39	42.75	56.00	-13.25	QP	Pass
2 *	0.9700	22.73	19.39	42.12	46.00	-3.88	AVG	Pass
3	1.9380	13.40	19.38	32.78	56.00	-23.22	QP	Pass
4	1.9380	11.41	19.38	30.79	46.00	-15.21	AVG	Pass
5	7.7500	14.01	19.51	33.52	60.00	-26.48	QP	Pass
6	7.7500	11.82	19.51	31.33	50.00	-18.67	AVG	Pass
7	10.6540	17.47	19.70	37.17	60.00	-22.83	QP	Pass
8	10.6540	14.48	19.70	34.18	50.00	-15.82	AVG	Pass
9	12.5940	14.53	19.77	34.30	60.00	-25.70	QP	Pass
10	12.5940	11.56	19.77	31.33	50.00	-18.67	AVG	Pass
11	22.2820	13.45	19.83	33.28	60.00	-26.72	QP	Pass
12	22.2820	9.53	19.83	29.36	50.00	-20.64	AVG	Pass

Remark:

1. All readings are Quasi-Peak and Average values
2. Margin = Result (Result =Reading + Factor)-Limit
3. Factor=LISN factor+Cable loss+Limiter (10dB)



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).

3.2.2 TEST PROCEDURE

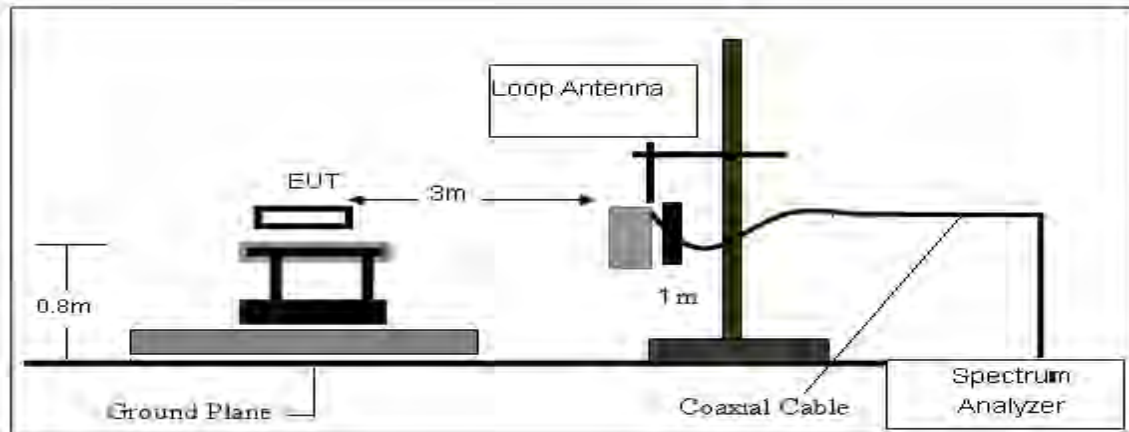
- a. The measuring distance at 3 m shall be used for measurements at frequency 0.009MHz up to 1GHz, and above 1GHz.
- b. The EUT was placed on the top of a rotating table 0.8 m (above 1GHz is 1.5 m) above the ground at a 3 m anechoic chamber test site. The table was rotated 360 degree to determine the position of the highest radiation.
- c. 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.
- d. 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.
- e. 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.
- f. For the actual test configuration, please refer to the related Item –EUT Test Photos.

Note:

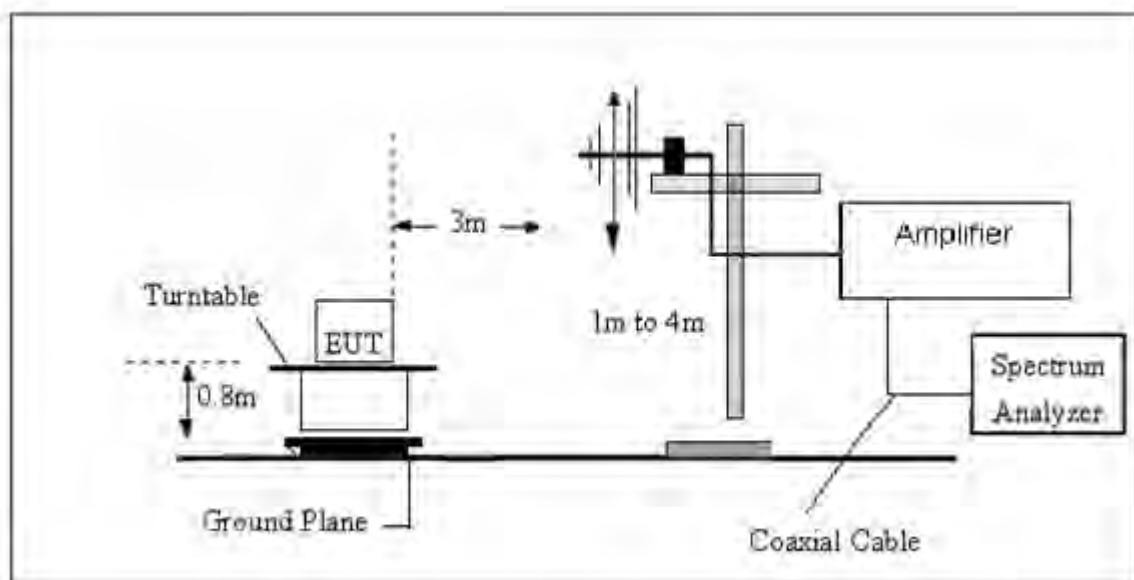
Both horizontal and vertical antenna polarities were tested with a band-stop filter and performed pretest to three orthogonal axis. The worst-case emissions were reported.

3.2.3 TEST SETUP

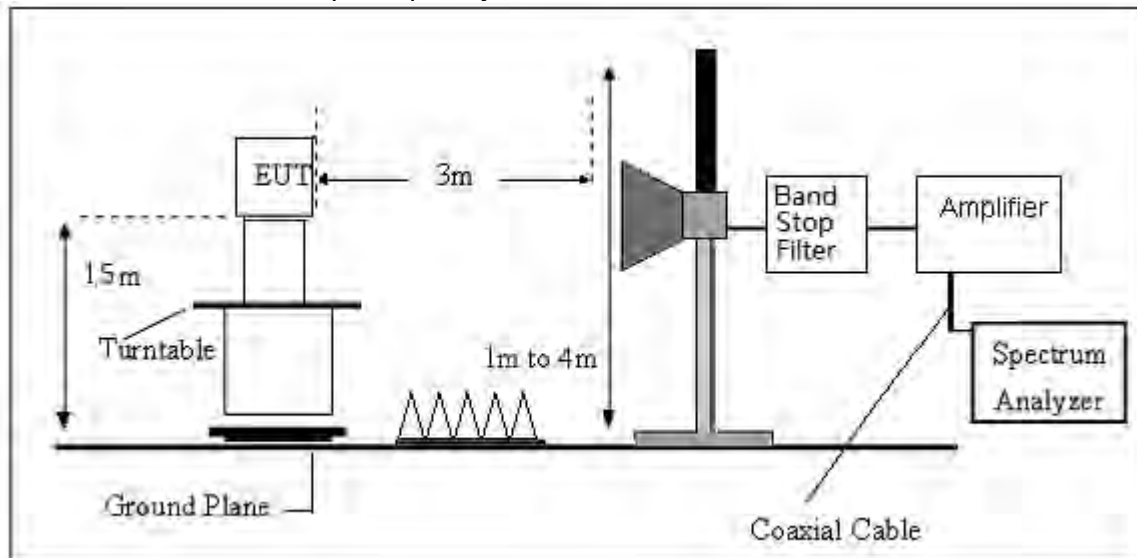
(A) Radiated Emission Test-Up Frequency Below 30MHz



(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)	(dBμV/m)	(dBμV/m)	(dB)	(dB)	(dB)	(dB)
300	40	58.1	12.2	1.6	31.9	-18.1

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

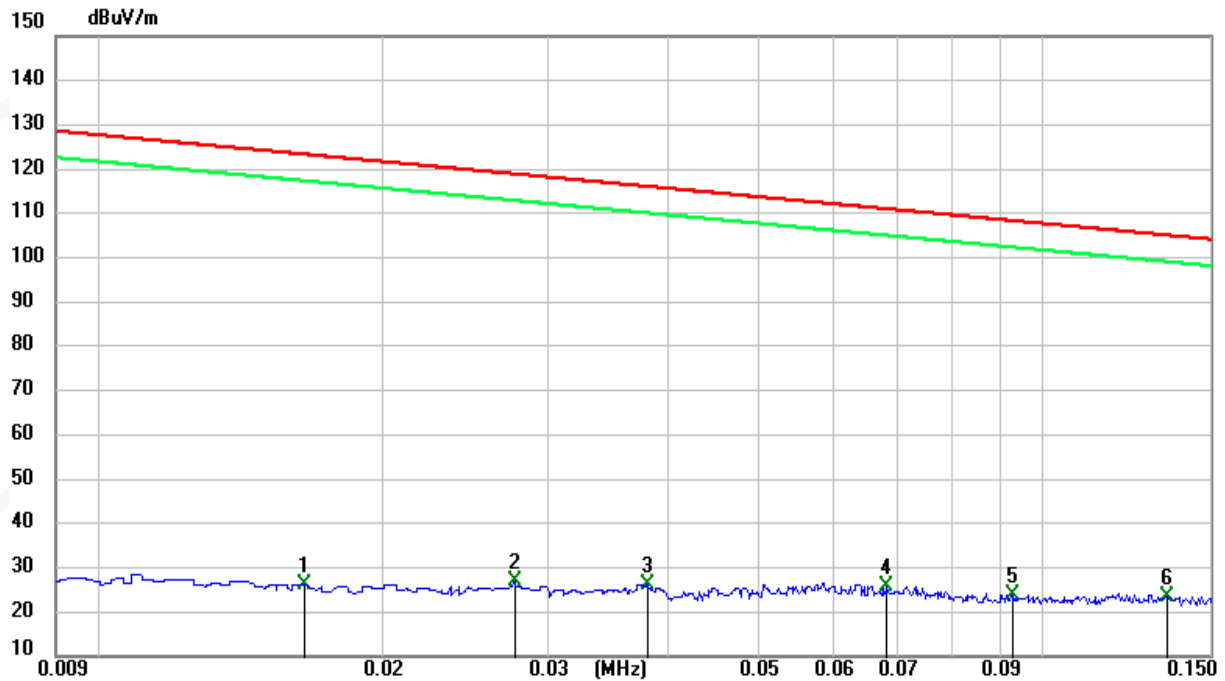


3.2.6 TEST RESULT

9KHz-30MHz

9KHz-150KHz

Temperature:	24.1℃	Relative Humidity:	64%
Test Voltage:	DC 12V	Polarization:	Coaxial
Test Mode:	Mode 1/2/3/4/5/6/7/8/9/10/11/12 (Mode 3 worst mode)		



No.	Frequency (MHz)	Reading Level(dBuV/m)	Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Pass/Fail
1	0.0165	6.39	19.85	26.24	123.26	-97.02	AVG	Pass
2	0.0275	7.00	19.95	26.95	118.82	-91.87	AVG	Pass
3	0.0381	6.56	19.74	26.30	115.99	-89.69	AVG	Pass
4	0.0680	6.63	18.99	25.62	110.95	-85.33	AVG	Pass
5	0.0926	5.92	17.95	23.87	108.27	-84.40	QP	Pass
6 *	0.1350	5.98	17.53	23.51	105.00	-81.49	AVG	Pass

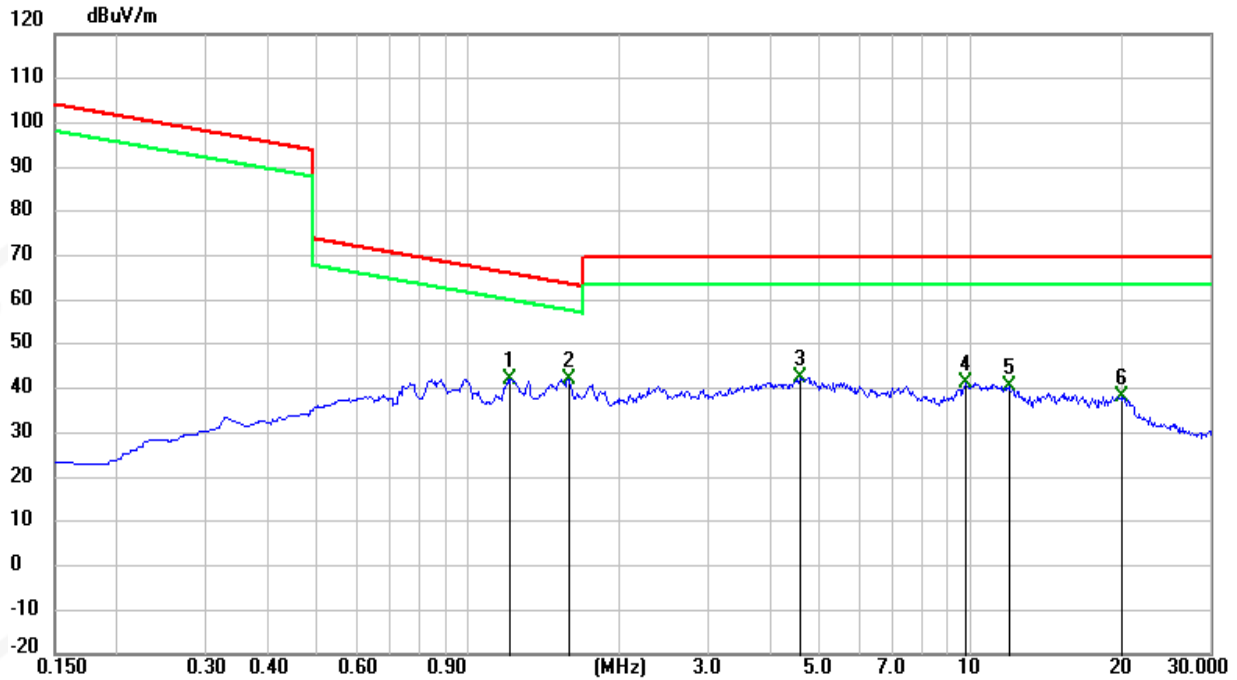
Remark:

1. Margin = Result (Result =Reading + Factor)-Limit
2. Factor= Antenna factor+Cable attenuation factor(cable loss)-Amplifier gain
3. The coaxial and coplanar directions of all modes have been tested, only show the worst data in this report.



150KHz-30MHz

Temperature:	24.1°C	Relative Humidity:	64%
Test Voltage:	DC 12V	Polarization:	Coaxial
Test Mode:	Mode 1/2/3/4/5/6/7/8/9/10/11/12 (Mode 3 worst mode)		



No.	Frequency (MHz)	Reading Level(dBuV/m)	Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Pass/Fail
1	1.2096	21.80	20.24	42.04	65.95	-23.91	QP	Pass
2	1.5826	21.78	20.32	42.10	63.62	-21.52	QP	Pass
3	4.5678	22.00	20.46	42.46	69.50	-27.04	QP	Pass
4	9.7916	21.23	20.21	41.44	69.50	-28.06	QP	Pass
5	11.9108	19.94	20.62	40.56	69.50	-28.94	QP	Pass
6 *	19.9404	15.82	22.49	38.31	69.50	-31.19	QP	Pass

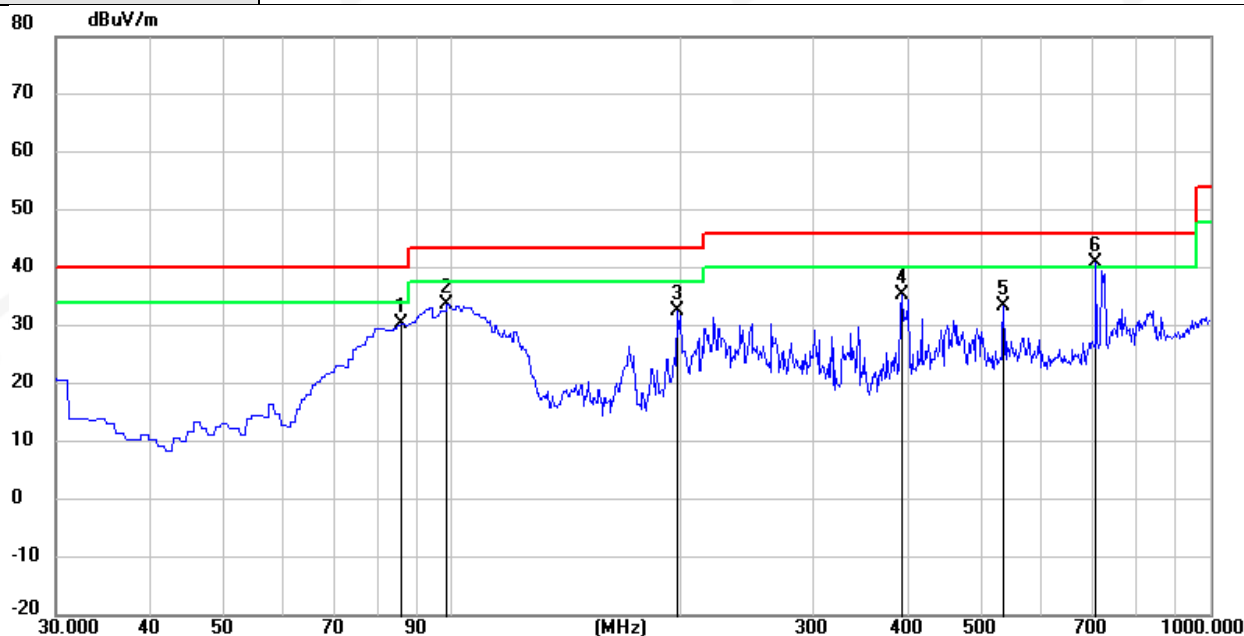
Remark:

1. $\text{Margin} = \text{Result} (\text{Result} = \text{Reading} + \text{Factor}) - \text{Limit}$
2. $\text{Factor} = \text{Antenna factor} + \text{Cable attenuation factor (cable loss)} - \text{Amplifier gain}$
3. The coaxial and coplanar directions of all modes have been tested, only show the worst data in this report.



(30MHz - 1000MHz)

Temperature:	23.4°C	Relative Humidity:	56%
Test Voltage:	DC 12V	Phase:	Horizontal
Test Mode:	Mode 1/2/3/4/5/6/7/8/9/10/11/12 (Mode 3 worst mode)		



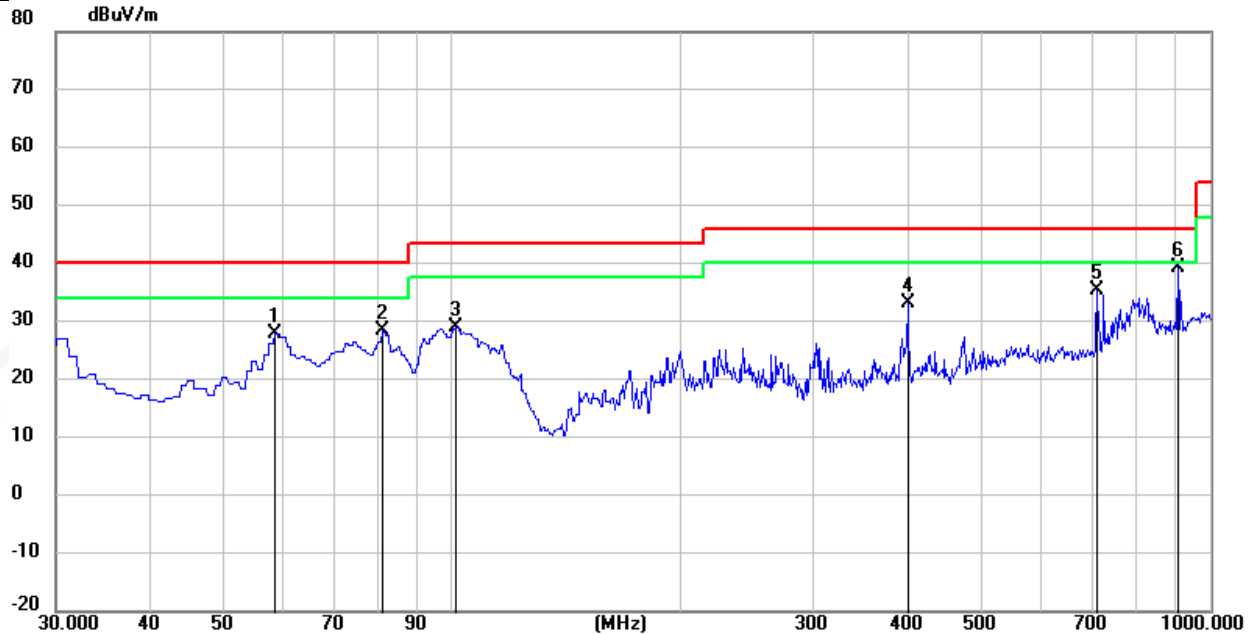
No.	Frequency (MHz)	Reading Level(dBuV/m)	Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Pass/Fail
1	85.5977	52.50	-22.07	30.43	40.00	-9.57	QP	Pass
2	98.4866	54.13	-20.37	33.76	43.50	-9.74	QP	Pass
3	197.8100	53.69	-21.12	32.57	43.50	-10.93	QP	Pass
4	390.8400	46.84	-11.54	35.30	46.00	-10.70	QP	Pass
5	533.4300	40.72	-7.25	33.47	46.00	-12.53	QP	Pass
6 *	706.0900	44.87	-3.98	40.89	46.00	-5.11	QP	Pass

Remark:

1. Margin = Result (Result = Reading + Factor) - Limit
2. Factor = Antenna factor + Cable attenuation factor (cable loss) - Amplifier gain
3. All modes have been tested, only show the worst case.



Temperature:	23.4°C	Relative Humidity:	56%
Test Voltage:	DC 12V	Phase:	Vertical
Test Mode:	Mode 1/2/3/4/5/6/7/8/9/10/11/12 (Mode 3 worst mode)		



No.	Frequency (MHz)	Reading Level(dBuV/m)	Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Pass/Fail
1	58.4074	53.47	-25.63	27.84	40.00	-12.16	QP	Pass
2	80.9275	51.21	-22.87	28.34	40.00	-11.66	QP	Pass
3	101.2885	48.93	-20.00	28.93	43.50	-14.57	QP	Pass
4	398.6000	44.49	-11.20	33.29	46.00	-12.71	QP	Pass
5	707.0600	39.38	-3.94	35.44	46.00	-10.56	QP	Pass
6 *	904.9400	39.54	-0.32	39.22	46.00	-6.78	QP	Pass

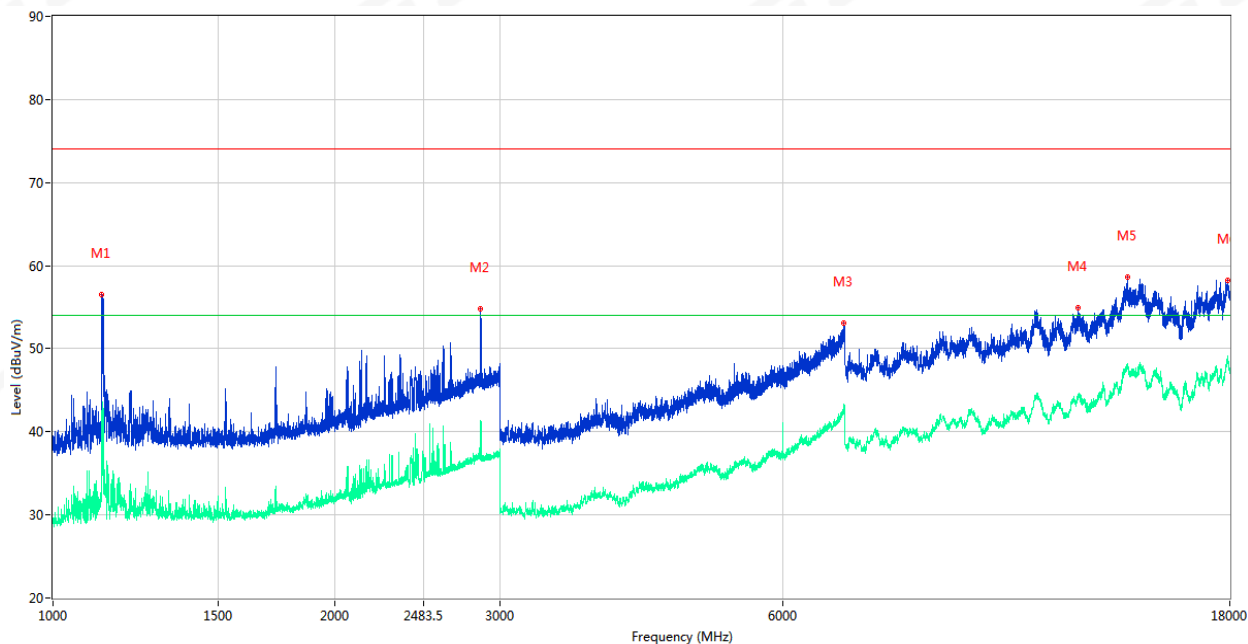
Remark:.

1. Margin = Result (Result =Reading + Factor)–Limit
2. Factor= Antenna factor+Cable attenuation factor(cable loss)-Amplifier gain
3. All modes have been tested,only show the worst case.



(1000MHz-25GHz) Spurious emission Requirements

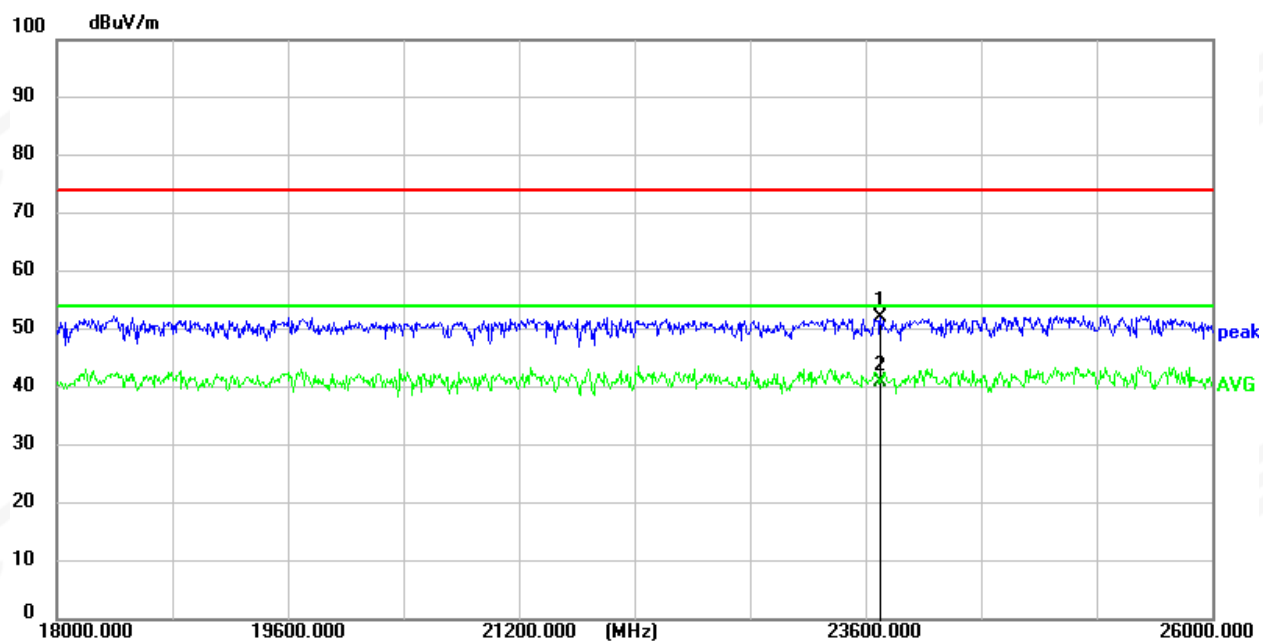
Worst mode (802.11 b)
Low Channel
Horizontal



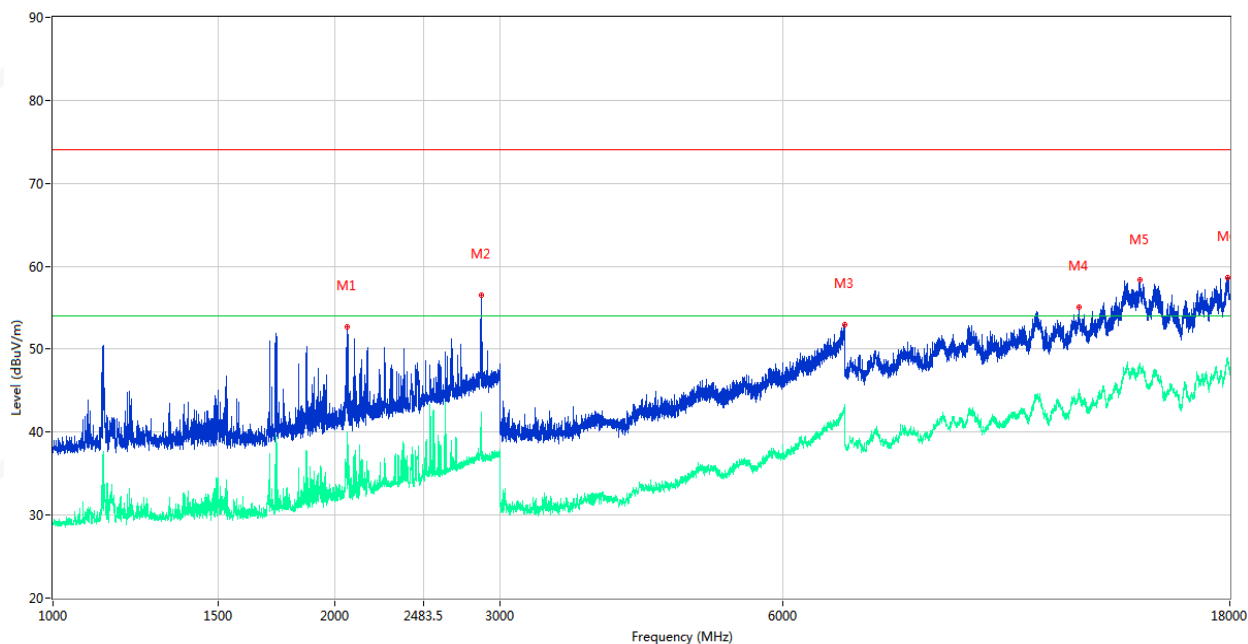
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin- (dB)	Detector	Table (Degree)	Antenna	Verdict
1	1127.500	56.50	-1.71	74.0	-17.50	Peak	92.50	Horizontal	Pass
1**	1127.500	42.59	-1.71	54.0	-11.41	AV	92.50	Horizontal	Pass
2	2854.500	54.77	4.99	74.0	-19.23	Peak	102.90	Horizontal	Pass
2**	2854.500	41.42	4.99	54.0	-12.58	AV	102.90	Horizontal	Pass
3	6975.000	53.12	1.12	74.0	-20.88	Peak	311.60	Horizontal	Pass
3**	6975.000	42.63	1.12	54.0	-11.37	AV	311.60	Horizontal	Pass
4	12406.500	54.95	3.11	74.0	-19.05	Peak	91.40	Horizontal	Pass
4**	12406.500	44.55	3.11	54.0	-9.45	AV	91.40	Horizontal	Pass
5	14009.750	58.57	8.29	74.0	-15.43	Peak	27.40	Horizontal	Pass
5**	14009.750	47.67	8.29	54.0	-6.33	AV	27.40	Horizontal	Pass
6	17920.250	58.29	7.08	74.0	-15.71	Peak	358.50	Horizontal	Pass
6**	17920.250	49.10	7.08	54.0	-4.90	AV	358.50	Horizontal	Pass



18GHz-26GHz



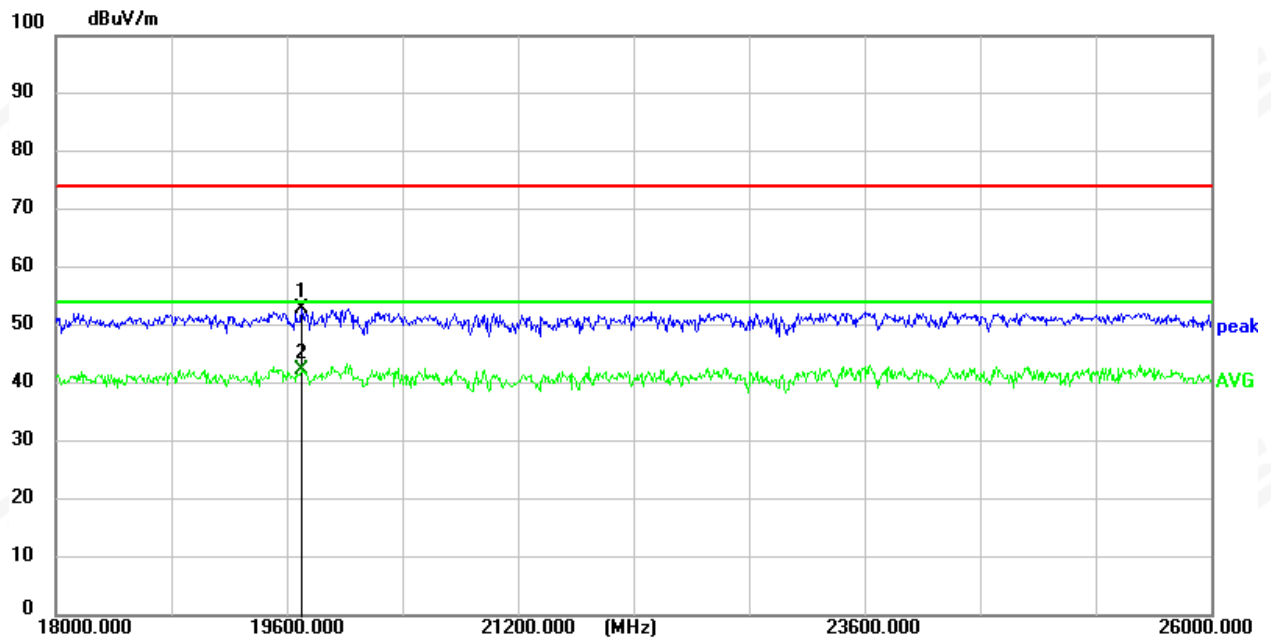
No.	Frequency (MHz)	Reading Level(dBuV/m)	Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Pass/Fail
1	23704.0000	47.66	4.33	51.99	74.00	-22.01	peak	Pass
2 *	23704.0000	36.72	4.33	41.05	54.00	-12.95	AVG	Pass

Vertical
1GHz-18GHz

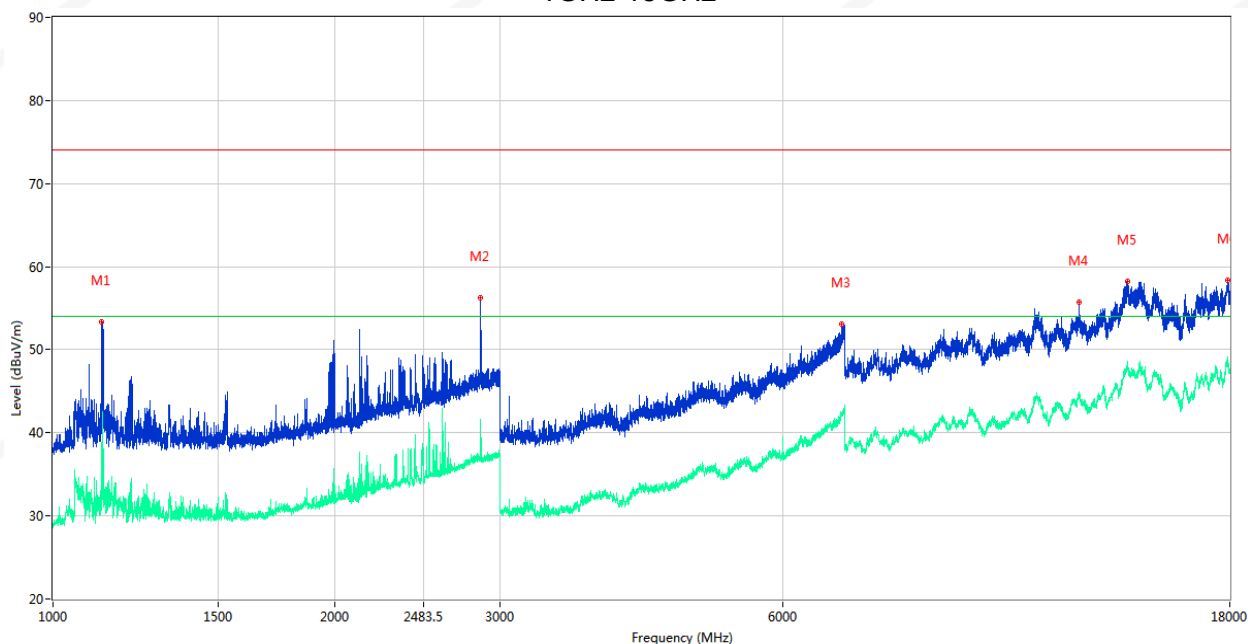
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin-(dB)	Detector	Table (Degree)	Antenna	Verdict
1	2062.000	52.66	0.83	74.0	-21.34	Peak	103.60	Vertical	Pass
1**	2062.000	39.98	0.83	54.0	-14.02	AV	103.60	Vertical	Pass
2	2865.000	56.51	4.97	74.0	-17.49	Peak	134.10	Vertical	Pass
2**	2865.000	42.35	4.97	54.0	-11.65	AV	134.10	Vertical	Pass
3	6989.000	52.92	1.23	74.0	-21.08	Peak	234.20	Vertical	Pass
3**	6989.000	42.75	1.23	54.0	-11.25	AV	234.20	Vertical	Pass
4	12417.500	55.05	3.00	74.0	-18.95	Peak	130.40	Vertical	Pass
4**	12417.500	45.20	3.00	54.0	-8.80	AV	130.40	Vertical	Pass
5	14447.000	58.30	6.66	74.0	-15.70	Peak	287.70	Vertical	Pass
5**	14447.000	47.73	6.66	54.0	-6.27	AV	287.70	Vertical	Pass
6	17903.749	58.63	7.21	74.0	-15.37	Peak	277.30	Vertical	Pass
6**	17903.749	49.03	7.21	54.0	-4.97	AV	277.30	Vertical	Pass



18GHz-26GHz



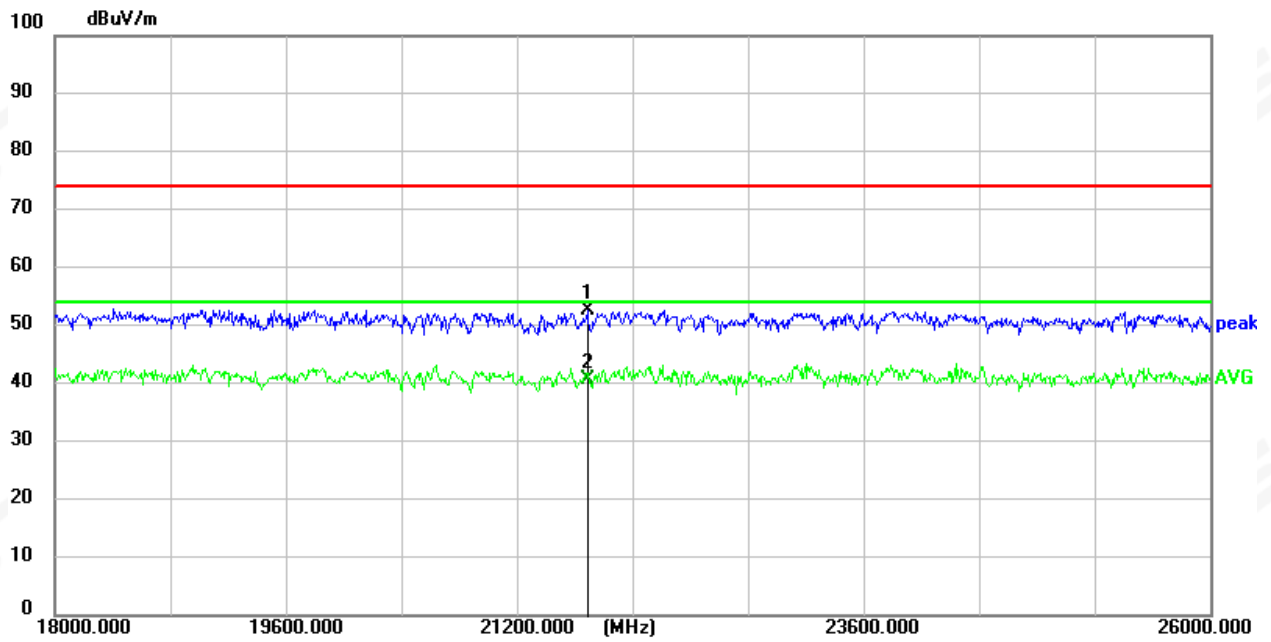
No.	Frequency (MHz)	Reading Level(dBuV/m)	Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Pass/Fail
1	19704.0000	51.30	1.60	52.90	74.00	-21.10	peak	Pass
2 *	19704.0000	40.74	1.60	42.34	54.00	-11.66	AVG	Pass

Mid Channel
Horizontal
1GHz-18GHz

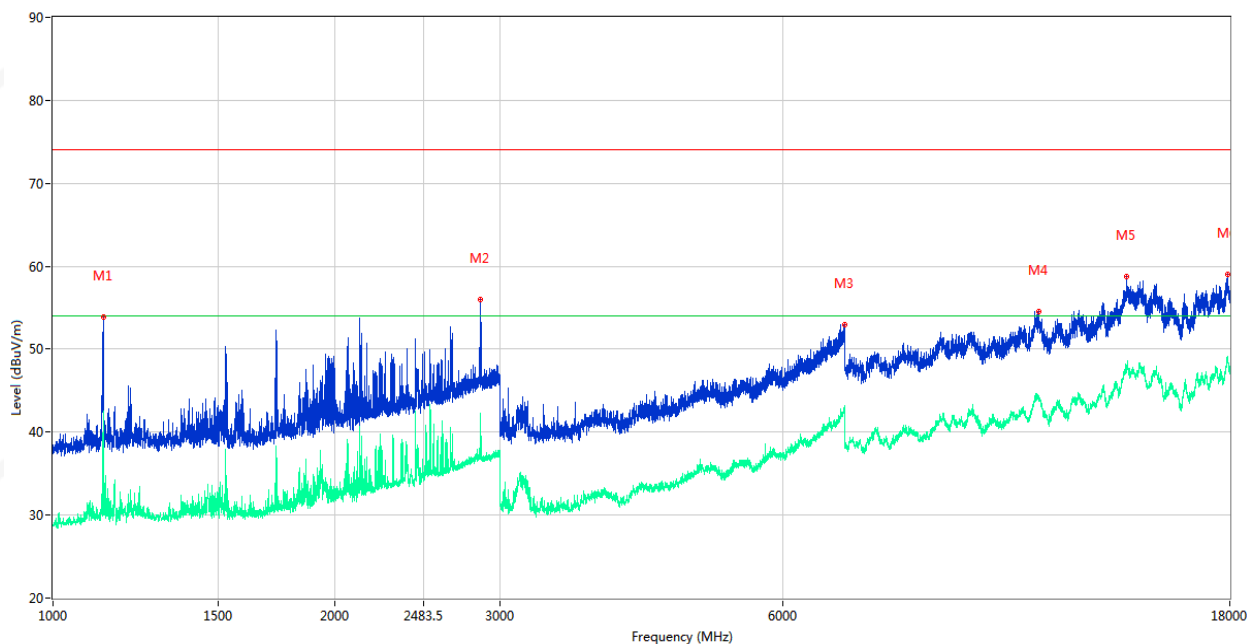
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin-(dB)	Detector	Table (Degree)	Antenna	Verdict
1	1127.000	53.40	-1.72	74.0	-20.60	Peak	94.20	Horizontal	Pass
1**	1127.000	38.67	-1.72	54.0	-15.33	AV	94.20	Horizontal	Pass
2	2858.000	56.31	4.98	74.0	-17.69	Peak	110.90	Horizontal	Pass
2**	2858.000	41.59	4.98	54.0	-12.41	AV	110.90	Horizontal	Pass
3	6940.000	53.08	0.83	74.0	-20.92	Peak	12.50	Horizontal	Pass
3**	6940.000	42.13	0.83	54.0	-11.87	AV	12.50	Horizontal	Pass
4	12436.750	55.68	2.81	74.0	-18.32	Peak	64.00	Horizontal	Pass
4**	12436.750	44.87	2.81	54.0	-9.13	AV	64.00	Horizontal	Pass
5	13987.750	58.23	8.30	74.0	-15.77	Peak	70.70	Horizontal	Pass
5**	13987.750	48.61	8.30	54.0	-5.39	AV	70.70	Horizontal	Pass
6	17901.001	58.43	7.23	74.0	-15.57	Peak	357.80	Horizontal	Pass
6**	17901.001	48.90	7.23	54.0	-5.10	AV	357.80	Horizontal	Pass



18GHz-26GHz



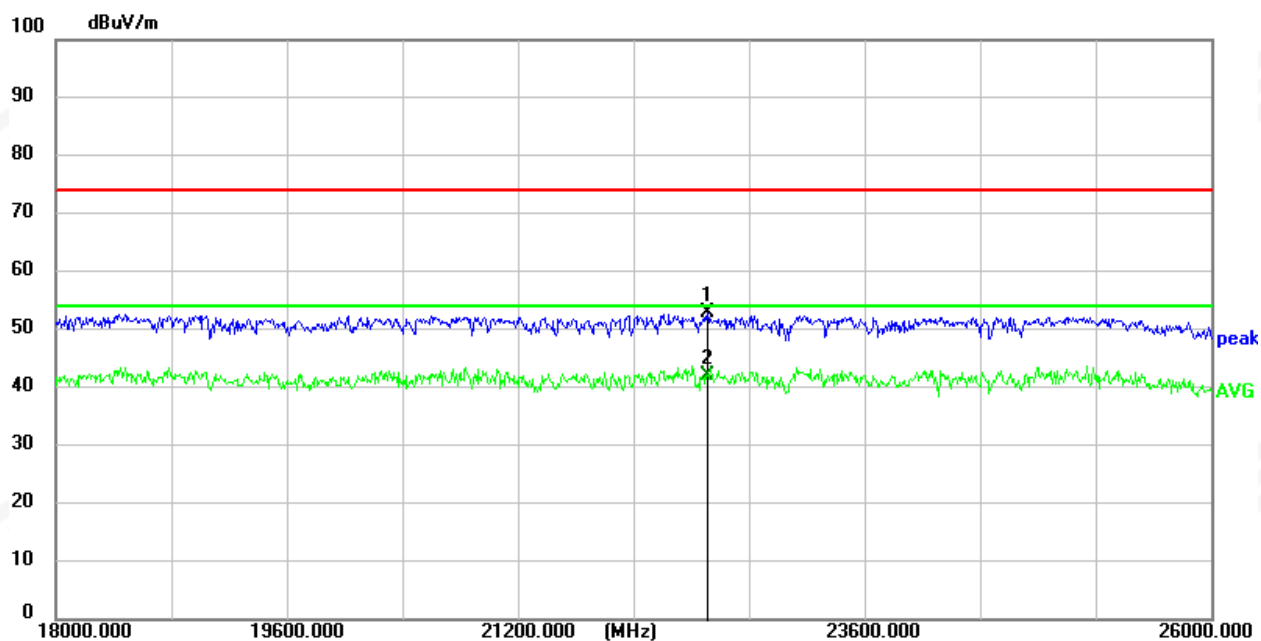
No.	Frequency (MHz)	Reading Level(dBuV/m)	Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Pass/Fail
1	21688.0000	49.53	3.12	52.65	74.00	-21.35	peak	Pass
2 *	21688.0000	37.69	3.12	40.81	54.00	-13.19	AVG	Pass

Vertical
1GHz-18GHz

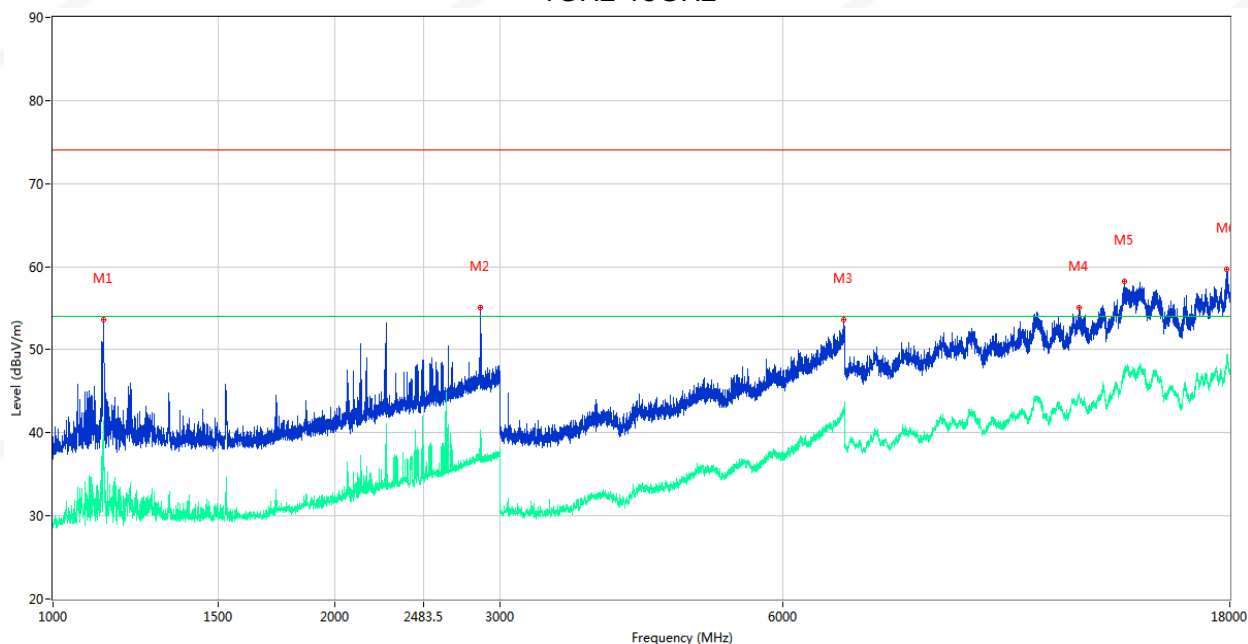
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin-(dB)	Detector	Table (Degree)	Antenna	Verdict
1	1131.500	53.93	-1.71	74.0	-20.07	Peak	135.20	Vertical	Pass
1**	1131.500	42.52	-1.71	54.0	-11.48	AV	135.20	Vertical	Pass
2	2858.000	55.94	4.98	74.0	-18.06	Peak	145.60	Vertical	Pass
2**	2858.000	41.84	4.98	54.0	-12.16	AV	145.60	Vertical	Pass
3	6994.000	52.92	1.27	74.0	-21.08	Peak	175.50	Vertical	Pass
3**	6994.000	42.74	1.27	54.0	-11.26	AV	175.50	Vertical	Pass
4	11270.750	54.60	2.38	74.0	-19.40	Peak	110.00	Vertical	Pass
4**	11270.750	44.25	2.38	54.0	-9.75	AV	110.00	Vertical	Pass
5	13965.750	58.78	8.02	74.0	-15.22	Peak	24.40	Vertical	Pass
5**	13965.750	47.28	8.02	54.0	-6.72	AV	24.40	Vertical	Pass
6	17906.500	58.98	7.19	74.0	-15.02	Peak	258.00	Vertical	Pass
6**	17906.500	48.99	7.19	54.0	-5.01	AV	258.00	Vertical	Pass



18GHz-26GHz



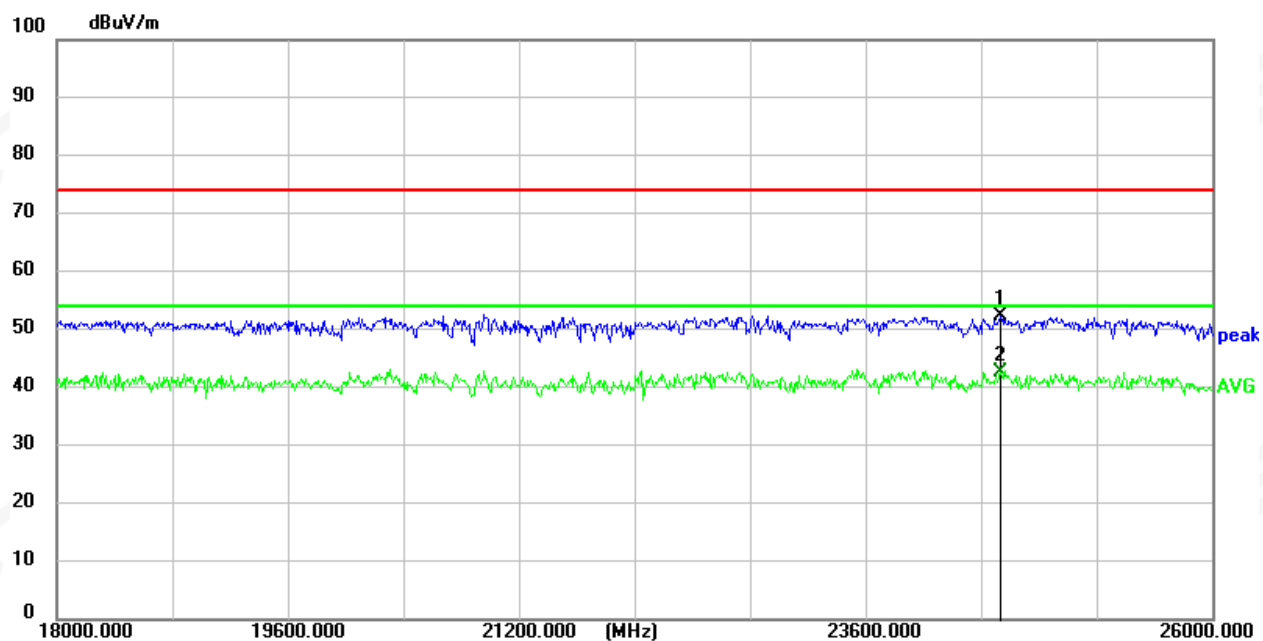
No.	Frequency (MHz)	Reading Level(dBuV/m)	Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Pass/Fail
1	22512.0000	48.93	3.91	52.84	74.00	-21.16	peak	Pass
2 *	22512.0000	38.25	3.91	42.16	54.00	-11.84	AVG	Pass

High Channel
Horizontal
1GHz-18GHz

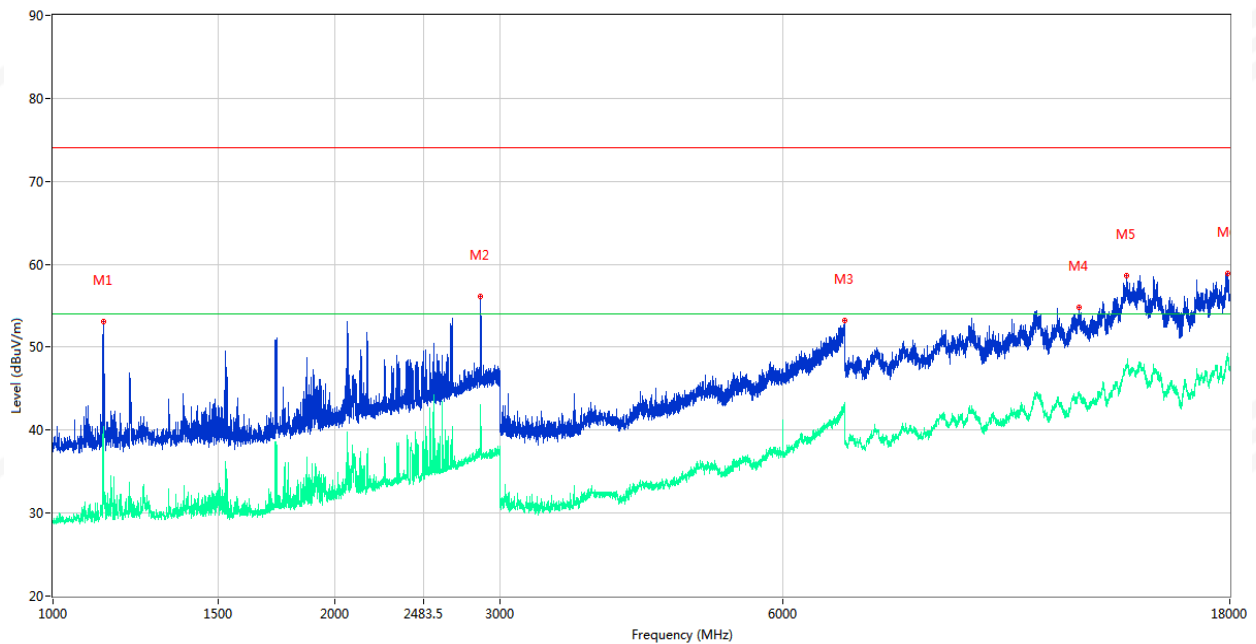
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin-(dB)	Detector	Table (Degree)	Antenna	Verdict
1	1132.000	53.58	-1.71	74.0	-20.42	Peak	225.30	Horizontal	Pass
1**	1132.000	38.51	-1.71	54.0	-15.49	AV	225.30	Horizontal	Pass
2	2856.000	55.02	4.98	74.0	-18.98	Peak	322.00	Horizontal	Pass
2**	2856.000	40.29	4.98	54.0	-13.71	AV	322.00	Horizontal	Pass
3	6975.000	53.58	1.12	74.0	-20.42	Peak	181.80	Horizontal	Pass
3**	6975.000	42.85	1.12	54.0	-11.15	AV	181.80	Horizontal	Pass
4	12434.000	55.10	2.84	74.0	-18.90	Peak	131.90	Horizontal	Pass
4**	12434.000	44.75	2.84	54.0	-9.25	AV	131.90	Horizontal	Pass
5	13886.000	58.25	6.99	74.0	-15.75	Peak	299.30	Horizontal	Pass
5**	13886.000	46.95	6.99	54.0	-7.05	AV	299.30	Horizontal	Pass
6	17865.251	59.67	6.94	74.0	-14.33	Peak	272.50	Horizontal	Pass
6**	17865.251	48.30	6.94	54.0	-5.70	AV	272.50	Horizontal	Pass



18GHz-26GHz



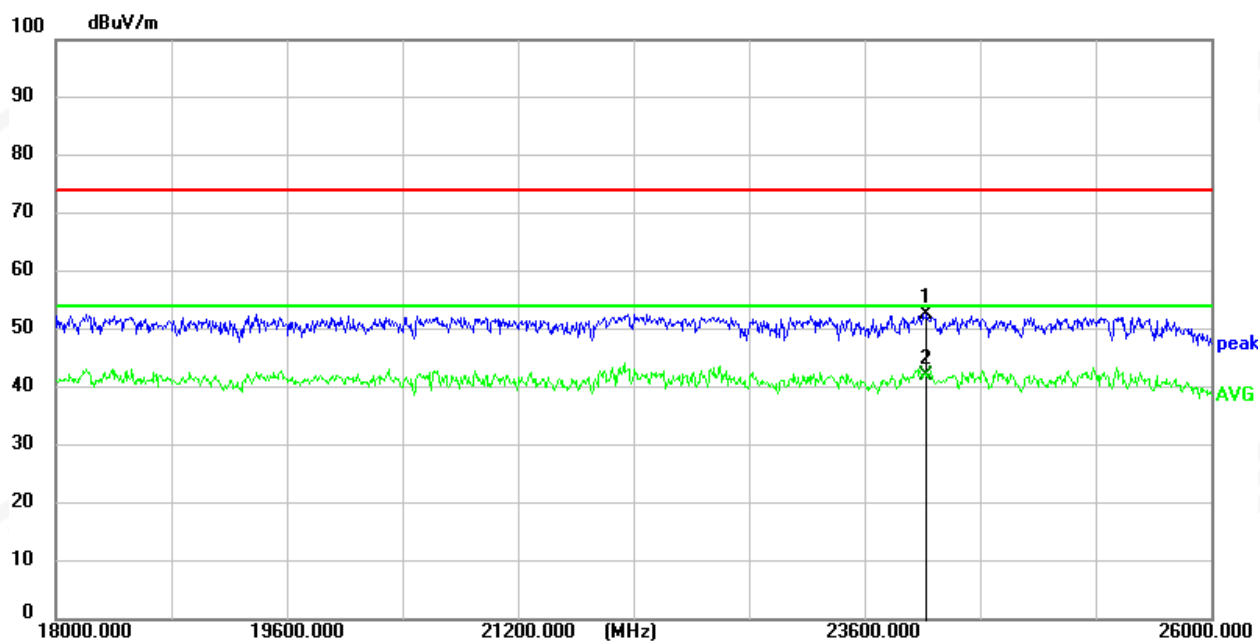
No.	Frequency (MHz)	Reading Level(dBuV/m)	Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Pass/Fail
1	24536.0000	47.72	4.76	52.48	74.00	-21.52	peak	Pass
2 *	24536.0000	37.80	4.76	42.56	54.00	-11.44	AVG	Pass

Vertical
1GHz-18GHz

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin-(dB)	Detector	Table (Degree)	Antenna	Verdict
1	1131.500	53.05	-1.71	74.0	-20.95	Peak	136.80	Vertical	Pass
1**	1131.500	40.42	-1.71	54.0	-13.58	AV	136.80	Vertical	Pass
2	2855.500	56.13	4.98	74.0	-17.87	Peak	134.60	Vertical	Pass
2**	2855.500	43.01	4.98	54.0	-10.99	AV	134.60	Vertical	Pass
3	6988.000	53.18	1.22	74.0	-20.82	Peak	79.80	Vertical	Pass
3**	6988.000	43.14	1.22	54.0	-10.86	AV	79.80	Vertical	Pass
4	12442.250	54.76	2.75	74.0	-19.24	Peak	88.10	Vertical	Pass
4**	12442.250	44.30	2.75	54.0	-9.70	AV	88.10	Vertical	Pass
5	13968.500	58.58	8.06	74.0	-15.42	Peak	346.80	Vertical	Pass
5**	13968.500	47.52	8.06	54.0	-6.48	AV	346.80	Vertical	Pass
6	17895.500	58.89	7.20	74.0	-15.11	Peak	259.80	Vertical	Pass
6**	17895.500	48.90	7.20	54.0	-5.10	AV	259.80	Vertical	Pass



18GHz-26GHz



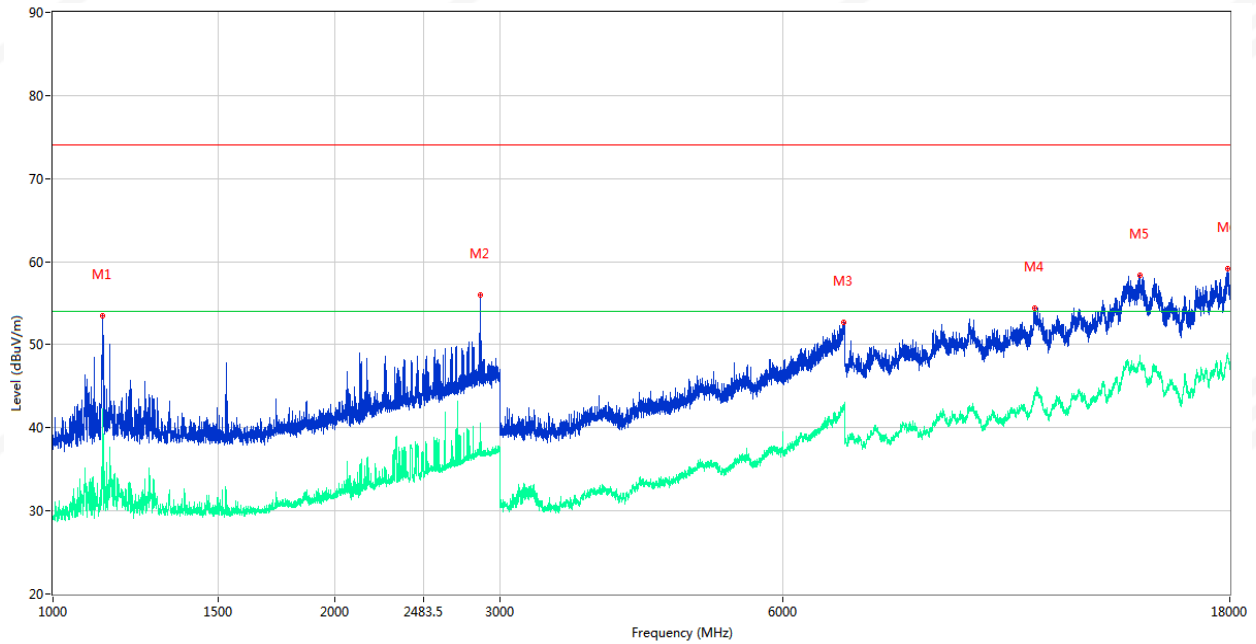
No.	Frequency (MHz)	Reading Level(dBuV/m)	Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Pass/Fail
1	24032.0000	48.07	4.64	52.71	74.00	-21.29	peak	Pass
2 *	24032.0000	37.47	4.64	42.11	54.00	-11.89	AVG	Pass

Note:

1. Factor = Antenna Factor + Cable Loss – Pre-amplifier.
Emission Level = Reading + Factor.
2. The frequency emission of peak points that did not show above the forms are at least 20dB below the limit, the frequency emission is mainly from the environment noise.
3. All 20MHz bandwidth modes have been tested, only show the worst mode of 802.11b in the report.



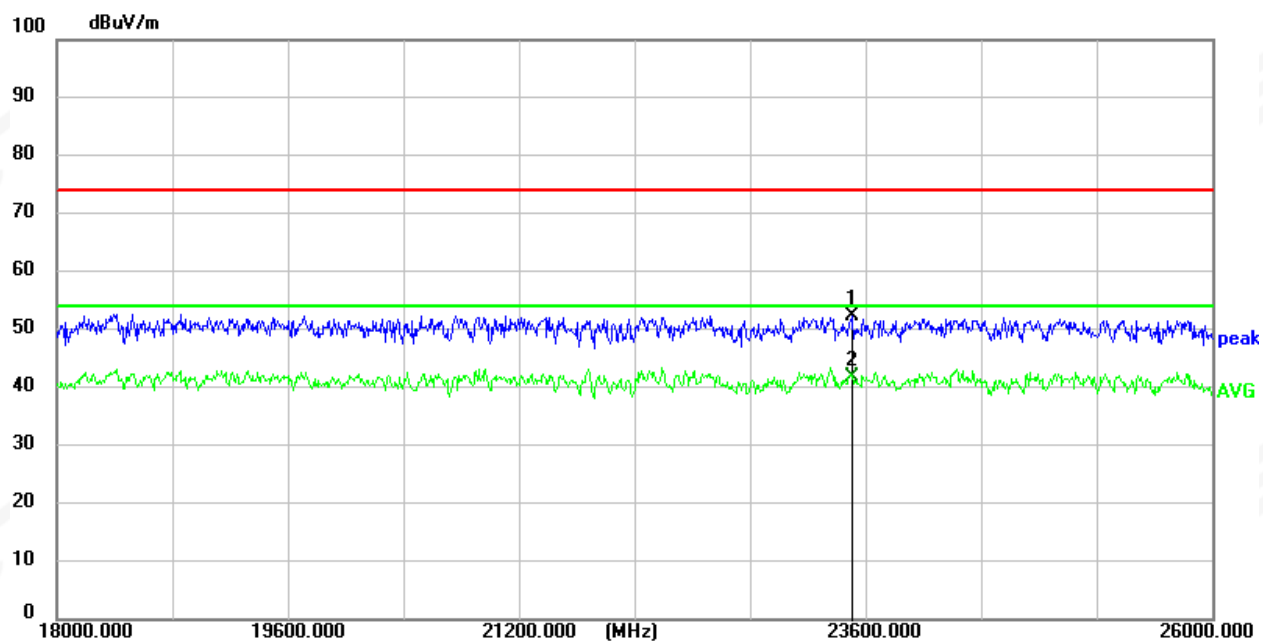
Worst mode (802.11 n40)
Low Channel
Horizontal



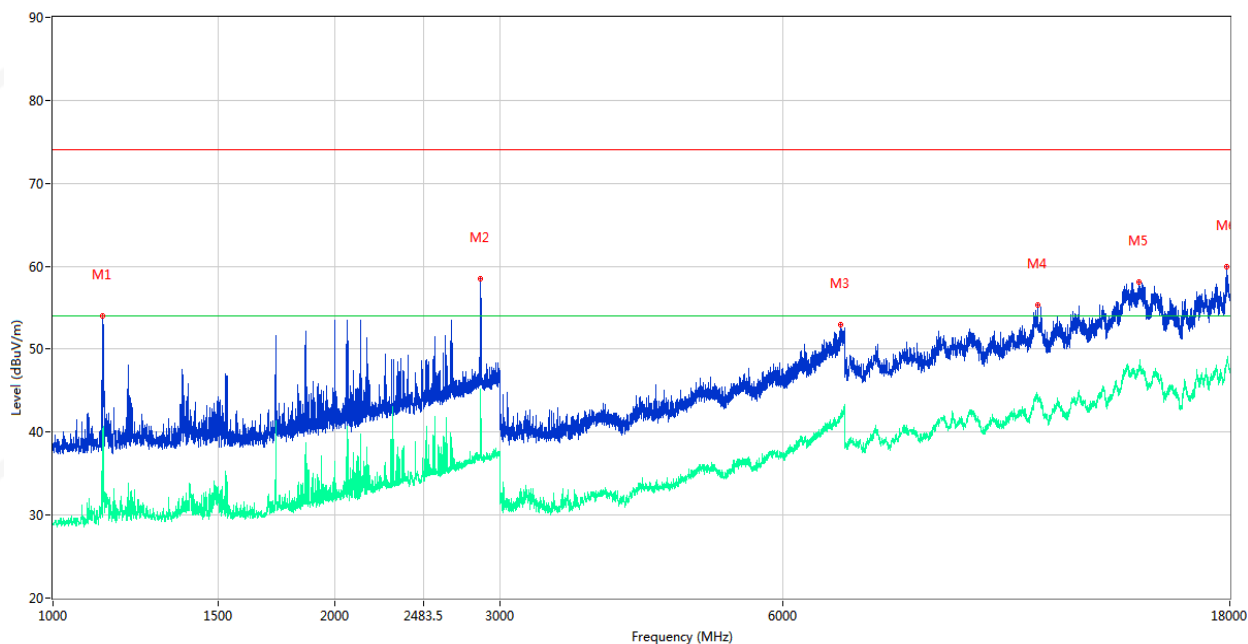
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin-(dB)	Detector	Table (Degree)	Antenna	Verdict
1	1128.500	53.47	-1.71	74.0	-20.53	Peak	73.20	Horizontal	Pass
1**	1128.500	41.55	-1.71	54.0	-12.45	AV	73.20	Horizontal	Pass
2	2858.000	55.99	4.98	74.0	-18.01	Peak	129.00	Horizontal	Pass
2**	2858.000	40.61	4.98	54.0	-13.39	AV	129.00	Horizontal	Pass
3	6982.000	52.70	1.17	74.0	-21.30	Peak	244.30	Horizontal	Pass
3**	6982.000	42.65	1.17	54.0	-11.35	AV	244.30	Horizontal	Pass
4	11147.000	54.39	2.33	74.0	-19.61	Peak	142.80	Horizontal	Pass
4**	11147.000	44.17	2.33	54.0	-9.83	AV	142.80	Horizontal	Pass
5	14449.750	58.31	6.64	74.0	-15.69	Peak	194.50	Horizontal	Pass
5**	14449.750	47.89	6.64	54.0	-6.11	AV	194.50	Horizontal	Pass
6	17903.749	59.17	7.21	74.0	-14.83	Peak	81.80	Horizontal	Pass
6**	17903.749	48.89	7.21	54.0	-5.11	AV	81.80	Horizontal	Pass



18GHz-26GHz



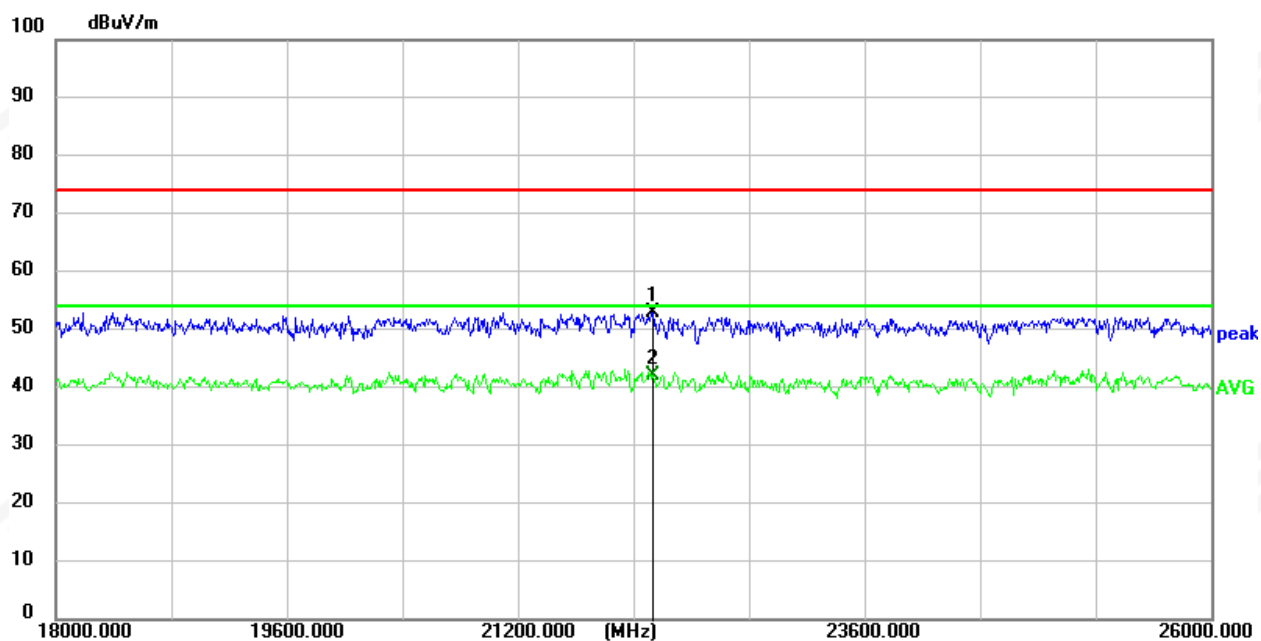
No.	Frequency (MHz)	Reading Level(dBuV/m)	Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Pass/Fail
1	23504.0000	48.26	4.13	52.39	74.00	-21.61	peak	Pass
2 *	23504.0000	37.63	4.13	41.76	54.00	-12.24	AVG	Pass

Vertical
1GHz-18GHz

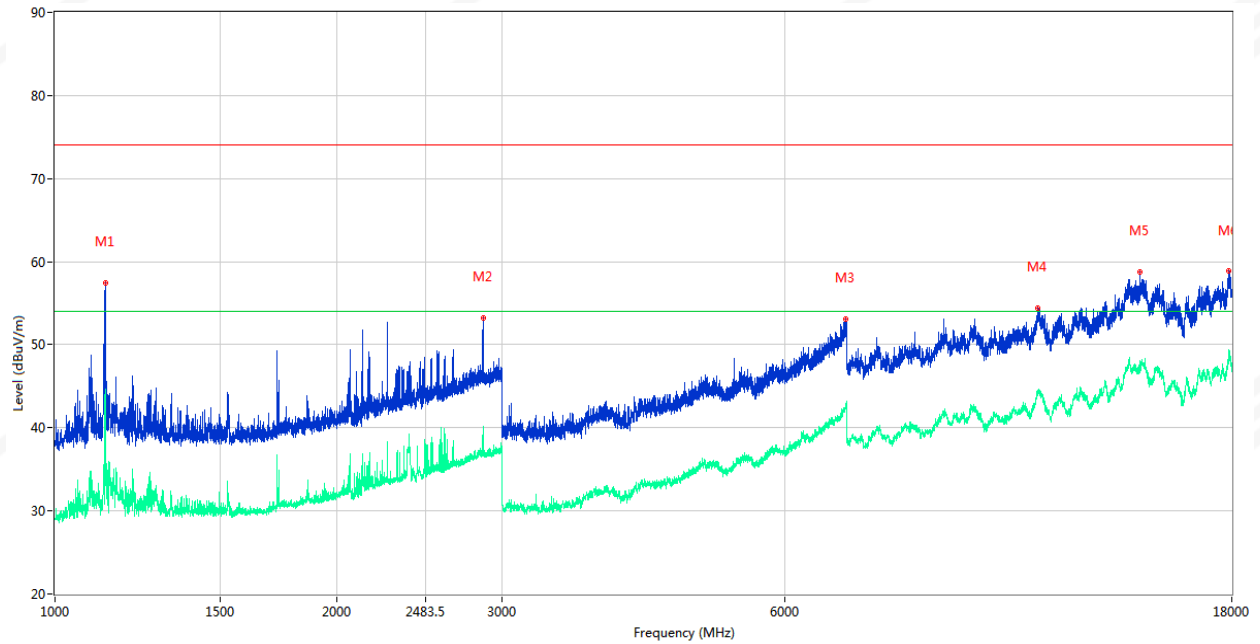
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin-(dB)	Detector	Table (Degree)	Antenna	Verdict
1	1128.000	54.02	-1.71	74.0	-19.98	Peak	132.70	Vertical	Pass
1**	1128.000	40.40	-1.71	54.0	-13.60	AV	132.70	Vertical	Pass
2	2855.500	58.53	4.98	74.0	-15.47	Peak	141.60	Vertical	Pass
2**	2855.500	45.23	4.98	54.0	-8.77	AV	141.60	Vertical	Pass
3	6920.000	52.98	0.67	74.0	-21.02	Peak	312.90	Vertical	Pass
3**	6920.000	42.21	0.67	54.0	-11.79	AV	312.90	Vertical	Pass
4	11237.750	55.35	2.49	74.0	-18.65	Peak	186.60	Vertical	Pass
4**	11237.750	43.93	2.49	54.0	-10.07	AV	186.60	Vertical	Pass
5	14416.750	58.14	6.87	74.0	-15.86	Peak	197.00	Vertical	Pass
5**	14416.750	47.90	6.87	54.0	-6.10	AV	197.00	Vertical	Pass
6	17878.999	59.89	7.06	74.0	-14.11	Peak	297.10	Vertical	Pass
6**	17878.999	48.38	7.06	54.0	-5.62	AV	297.10	Vertical	Pass



18GHz-26GHz



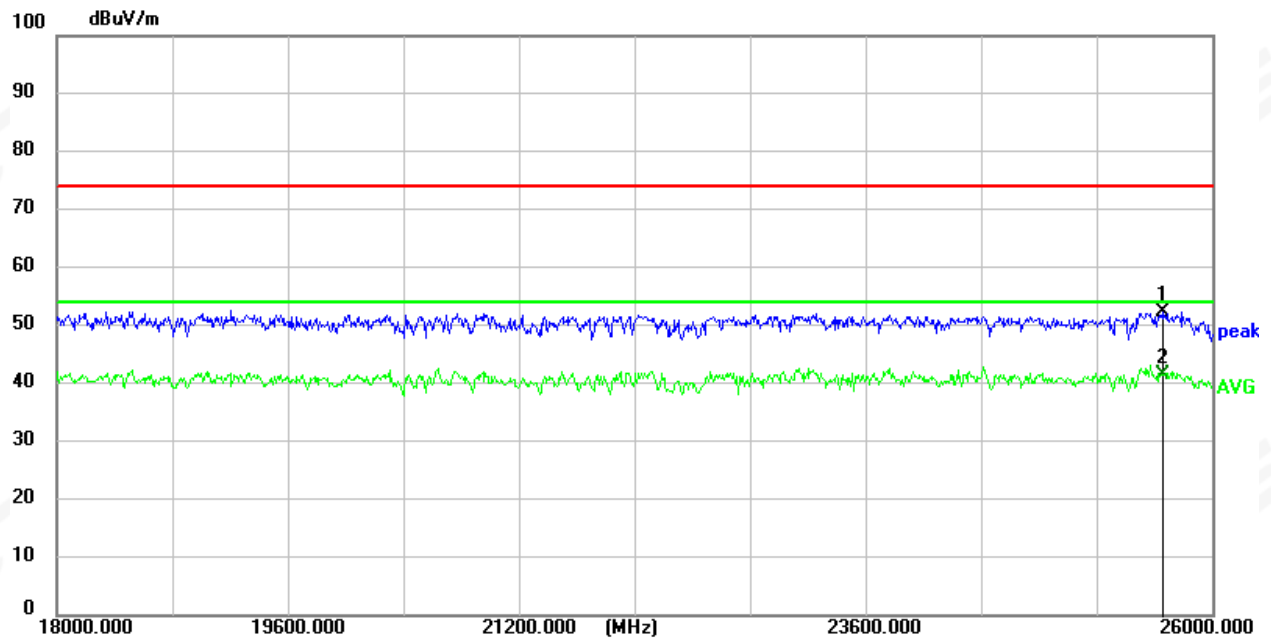
No.	Frequency (MHz)	Reading Level(dBuV/m)	Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Pass/Fail
1	22136.0000	49.35	3.56	52.91	74.00	-21.09	peak	Pass
2 *	22136.0000	38.60	3.56	42.16	54.00	-11.84	AVG	Pass

Mid Channel
Horizontal
1GHz-18GHz

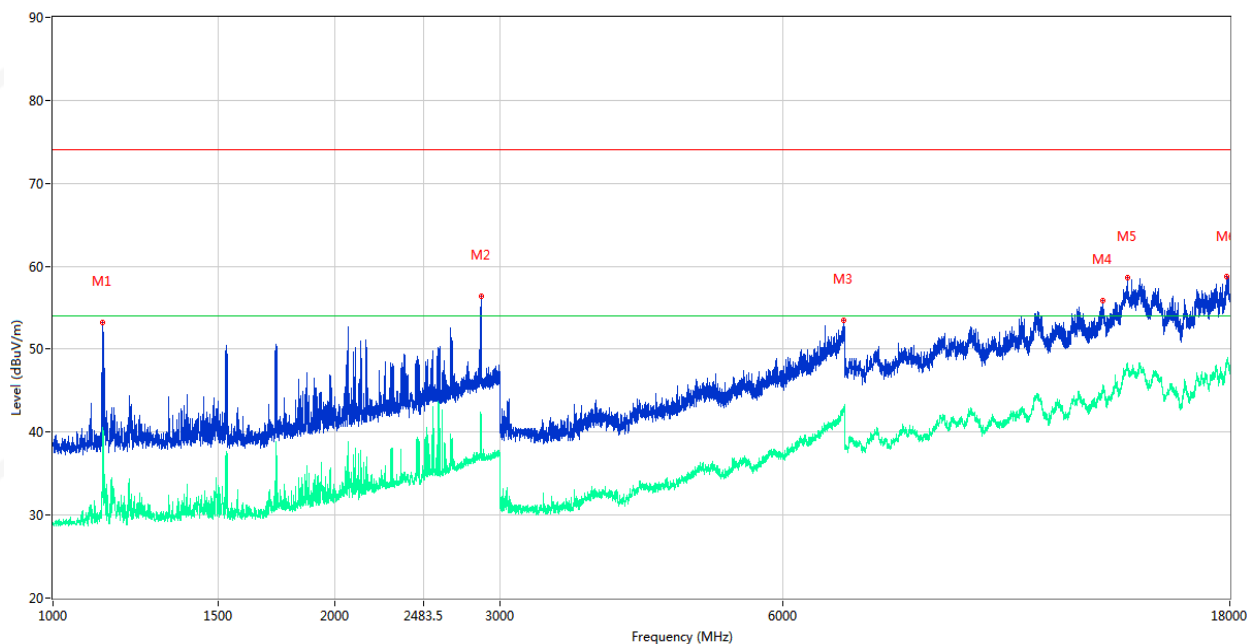
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin-(dB)	Detector	Table (Degree)	Antenna	Verdict
1	1131.000	57.45	-1.71	74.0	-16.55	Peak	149.40	Horizontal	Pass
1**	1131.000	44.66	-1.71	54.0	-9.34	AV	149.40	Horizontal	Pass
2	2860.500	53.28	4.98	74.0	-20.72	Peak	119.30	Horizontal	Pass
2**	2860.500	40.18	4.98	54.0	-13.82	AV	119.30	Horizontal	Pass
3	6974.000	53.05	1.11	74.0	-20.95	Peak	34.00	Horizontal	Pass
3**	6974.000	42.60	1.11	54.0	-11.40	AV	34.00	Horizontal	Pass
4	11180.000	54.37	2.51	74.0	-19.63	Peak	85.40	Horizontal	Pass
4**	11180.000	43.86	2.51	54.0	-10.14	AV	85.40	Horizontal	Pass
5	14375.500	58.76	6.96	74.0	-15.24	Peak	249.50	Horizontal	Pass
5**	14375.500	47.70	6.96	54.0	-6.30	AV	249.50	Horizontal	Pass
6	17876.251	58.89	7.04	74.0	-15.11	Peak	127.00	Horizontal	Pass
6**	17876.251	48.38	7.04	54.0	-5.62	AV	127.00	Horizontal	Pass



18GHz-26GHz



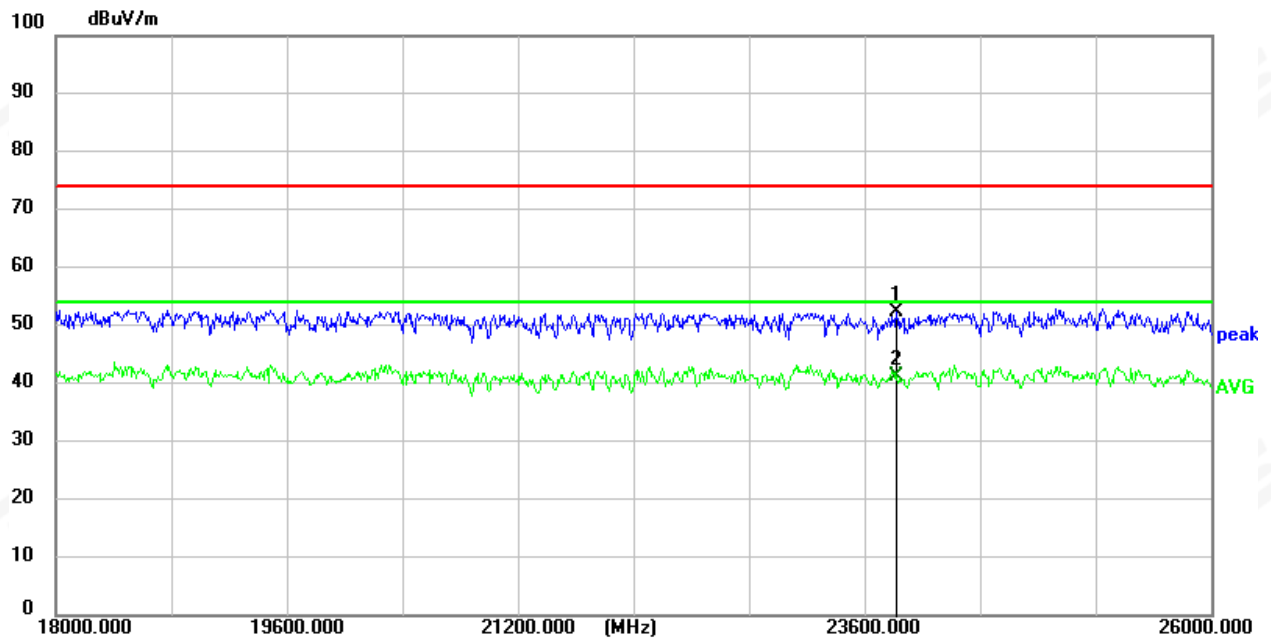
No.	Frequency (MHz)	Reading Level(dBuV/m)	Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Pass/Fail
1	25664.0000	46.75	5.71	52.46	74.00	-21.54	peak	Pass
2 *	25664.0000	35.74	5.71	41.45	54.00	-12.55	AVG	Pass

Vertical
1GHz-18GHz

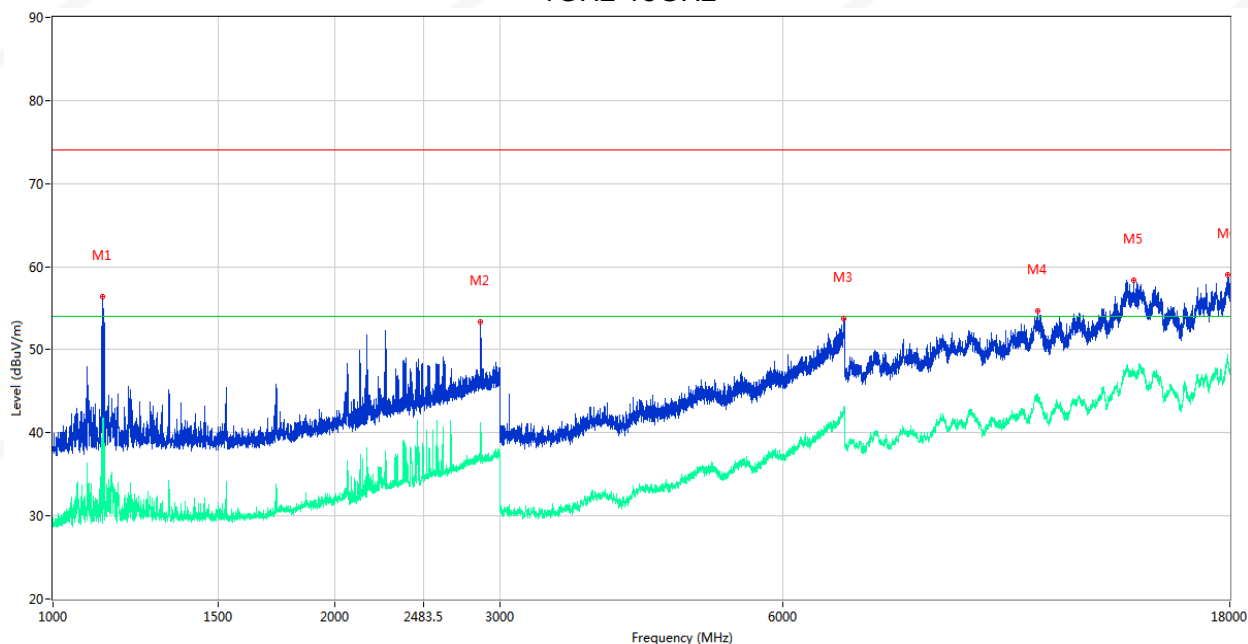
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin-(dB)	Detector	Table (Degree)	Antenna	Verdict
1	1130.000	53.18	-1.71	74.0	-20.82	Peak	133.70	Vertical	Pass
1**	1130.000	40.55	-1.71	54.0	-13.45	AV	133.70	Vertical	Pass
2	2864.000	56.39	4.97	74.0	-17.61	Peak	153.50	Vertical	Pass
2**	2864.000	42.16	4.97	54.0	-11.84	AV	153.50	Vertical	Pass
3	6981.000	53.46	1.17	74.0	-20.54	Peak	39.30	Vertical	Pass
3**	6981.000	43.07	1.17	54.0	-10.93	AV	39.30	Vertical	Pass
4	13193.000	55.88	5.37	74.0	-18.12	Peak	221.90	Vertical	Pass
4**	13193.000	45.16	5.37	54.0	-8.84	AV	221.90	Vertical	Pass
5	14001.500	58.68	8.43	74.0	-15.32	Peak	234.20	Vertical	Pass
5**	14001.500	48.38	8.43	54.0	-5.62	AV	234.20	Vertical	Pass
6	17854.251	58.70	6.85	74.0	-15.30	Peak	178.80	Vertical	Pass
6**	17854.251	48.06	6.85	54.0	-5.94	AV	178.80	Vertical	Pass



18GHz-26GHz



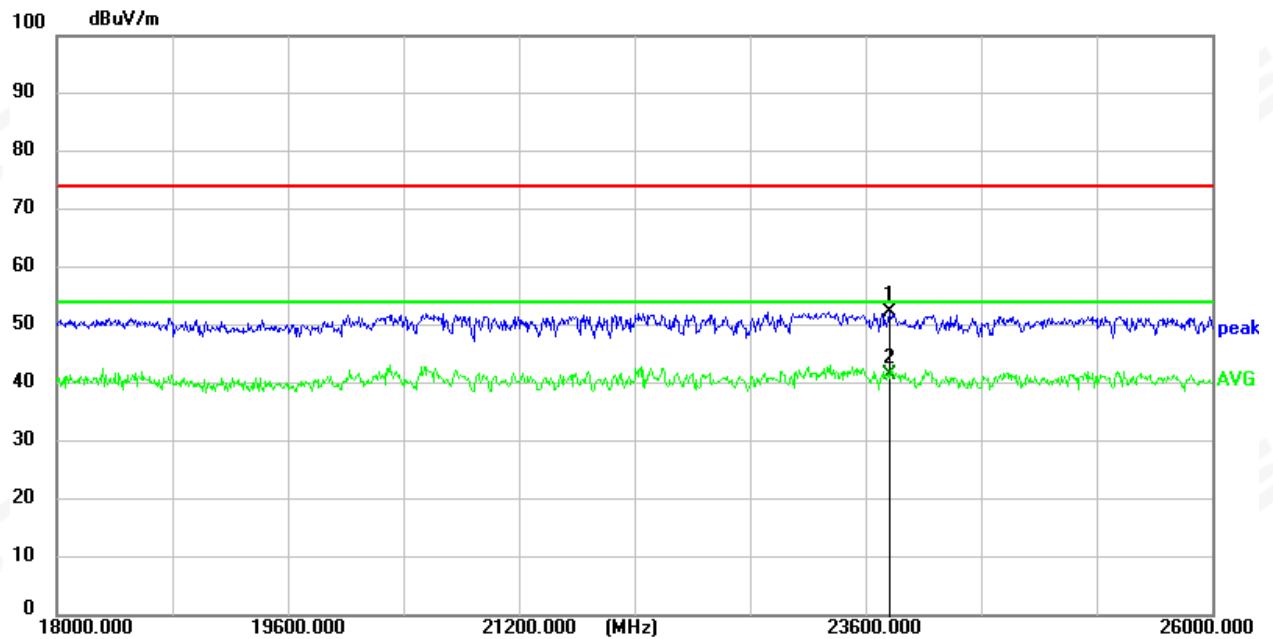
No.	Frequency (MHz)	Reading Level(dBuV/m)	Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Pass/Fail
1	23824.0000	47.84	4.46	52.30	74.00	-21.70	peak	Pass
2 *	23824.0000	36.72	4.46	41.18	54.00	-12.82	AVG	Pass

High Channel
Horizontal
1GHz-18GHz

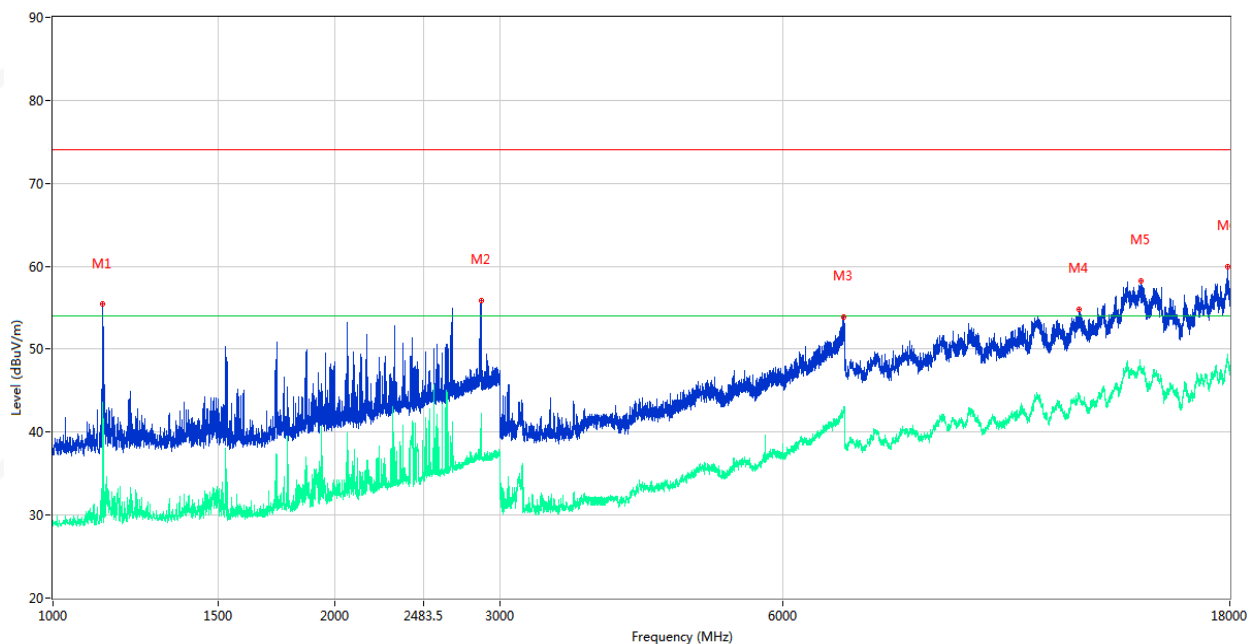
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin-(dB)	Detector	Table (Degree)	Antenna	Verdict
1	1129.000	56.44	-1.71	74.0	-17.56	Peak	84.40	Horizontal	Pass
1**	1129.000	41.75	-1.71	54.0	-12.25	AV	84.40	Horizontal	Pass
2	2855.500	53.40	4.98	74.0	-20.60	Peak	131.00	Horizontal	Pass
2**	2855.500	41.23	4.98	54.0	-12.77	AV	131.00	Horizontal	Pass
3	6980.000	53.76	1.16	74.0	-20.24	Peak	360.10	Horizontal	Pass
3**	6980.000	43.03	1.16	54.0	-10.97	AV	360.10	Horizontal	Pass
4	11218.500	54.71	2.56	74.0	-19.29	Peak	213.30	Horizontal	Pass
4**	11218.500	44.16	2.56	54.0	-9.84	AV	213.30	Horizontal	Pass
5	14218.750	58.42	6.95	74.0	-15.58	Peak	29.00	Horizontal	Pass
5**	14218.750	47.30	6.95	54.0	-6.70	AV	29.00	Horizontal	Pass
6	17912.001	59.05	7.15	74.0	-14.95	Peak	172.00	Horizontal	Pass
6**	17912.001	48.50	7.15	54.0	-5.50	AV	172.00	Horizontal	Pass



18GHz-26GHz



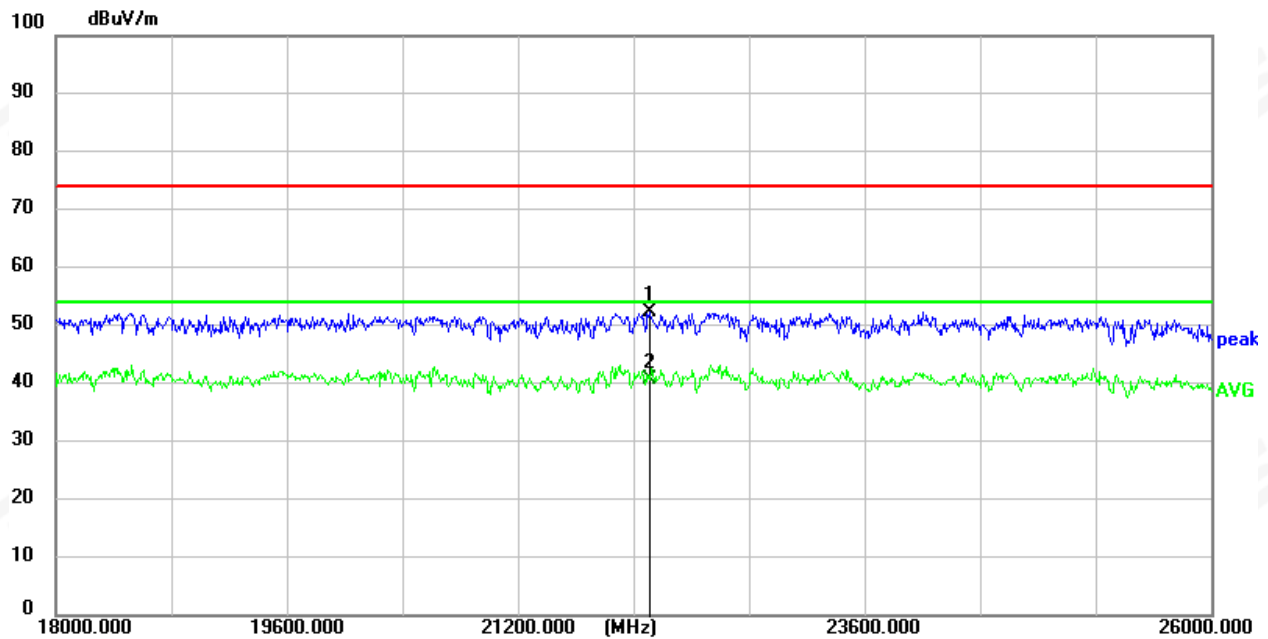
No.	Frequency (MHz)	Reading Level(dBuV/m)	Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Pass/Fail
1	23768.0000	48.04	4.39	52.43	74.00	-21.57	peak	Pass
2 *	23768.0000	37.04	4.39	41.43	54.00	-12.57	AVG	Pass

Vertical
1GHz-18GHz

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin-(dB)	Detector	Table (Degree)	Antenna	Verdict
1	1129.500	55.40	-1.71	74.0	-18.60	Peak	133.00	Vertical	Pass
1**	1129.500	43.65	-1.71	54.0	-10.35	AV	133.00	Vertical	Pass
2	2861.000	55.81	4.97	74.0	-18.19	Peak	135.30	Vertical	Pass
2**	2861.000	39.86	4.97	54.0	-14.14	AV	135.30	Vertical	Pass
3	6979.000	53.84	1.15	74.0	-20.16	Peak	243.70	Vertical	Pass
3**	6979.000	42.92	1.15	54.0	-11.08	AV	243.70	Vertical	Pass
4	12420.250	54.77	2.98	74.0	-19.23	Peak	69.70	Vertical	Pass
4**	12420.250	44.01	2.98	54.0	-9.99	AV	69.70	Vertical	Pass
5	14491.000	58.25	6.34	74.0	-15.75	Peak	358.50	Vertical	Pass
5**	14491.000	47.77	6.34	54.0	-6.23	AV	358.50	Vertical	Pass
6	17898.250	59.89	7.22	74.0	-14.11	Peak	339.50	Vertical	Pass
6**	17898.250	48.87	7.22	54.0	-5.13	AV	339.50	Vertical	Pass



18GHz-26GHz



No.	Frequency (MHz)	Reading Level(dBuV/m)	Factor (dB)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Pass/Fail
1	22112.0000	48.82	3.52	52.34	74.00	-21.66	peak	Pass
2 *	22112.0000	37.08	3.52	40.60	54.00	-13.40	AVG	Pass

Note:

- 1) Factor = Antenna Factor + Cable Loss – Pre-amplifier.
Emission Level = Reading + Factor.
- 2) The frequency emission of peak points that did not show above the forms are at least 20dB below the limit, the frequency emission is mainly from the environment noise.
- 3) All 40MHz bandwidth modes have been tested, only show the worst mode of 802.11n40 in the report.



4. EMISSIONS AT RESTRICTED BAND

4.1 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			

4.2 TEST PROCEDURE

According to ANSI C63.10 Field Strength Approach (linear terms):

$$E = \text{EIRP} - 20 \log d + 104.8$$

Where:

E is the electric field strength in dBuV/m

EIRP is the equivalent isotropically radiated power in dBm

d is the specified measurement distance in m

f) Compare the resultant electric field strength level with the applicable regulatory limit.

g) Perform the radiated spurious emission test.

Where all terms are as previously defined.

- 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 an 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 both RBW and VBW of spectrum analyzer to 100 kHz with a convenient frequency span including 100kHz bandwidth from band edge, for Radiated emissions restricted band RBW=1MHz, VBW=3MHz for peak detector and RBW=1MHz, VBW=3 MHz for AVG detector, Max Hold=Average, Trace=100times for AV test.
- 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.
- 6). Measure the conducted output power (in dBm) using the detector specified by the appropriate regulatory agency for guidance regarding measurement procedures for determining quasi-peak, peak, and average conducted output power, respectively).
- 7). Add the maximum transmit antenna gain (in dBi) to the measured output power level to determine the EIRP level (see 12.2.5 for guidance on determining the applicable antenna gain)
- 8). Add the appropriate maximum ground reflection factor to the EIRP level (6 dB for frequencies

≤ 30 MHz, 4.7 dB for frequencies between 30 MHz and 1000 MHz, inclusive and 0 dB for frequencies > 1000 MHz).

9). For devices with multiple antenna-ports, measure the power of each individual chain and sum the EIRP of all chains in linear terms (e.g., Watts, mW).

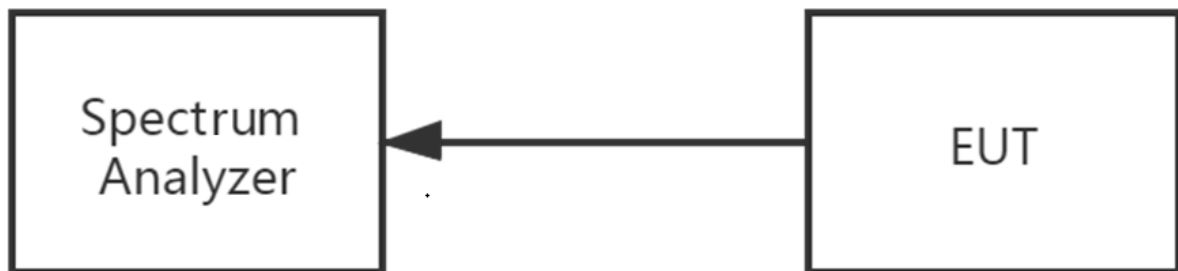
10). Compare the resultant electric field strength level to the applicable regulatory limit.

11). Perform radiated spurious emission test duress until all measured frequencies were complete.

4.3 DEVIATION FROM STANDARD

No deviation.

4.4 TEST SETUP



4.5 EUT OPERATION CONDITIONS

Please refer to section 3.1.4 of this report.

4.6 TEST RESULTS

Note: The test data please refer to APPENDIX 1.

Remark:

- 1). Test results including cable loss;
- 2). Measured at difference Packet Type for each mode and recorded worst case for each mode.
- 3). “---” means that the fundamental frequency not for 15.209 limits requirement.
- 4). Measured at Hopping and Non-Hopping mode, recorded worst at Non-Hopping mode.
- 5). The other emission levels were very low against the limit.
- 6). The average measurement was not performed when the peak measured data under the limit of average detection.
- 7). Detector AV is setting spectrum/receiver. RBW=1MHz/VBW=3MHz/Sweep time=Auto/Detector=RMS, Max Hold=Average, Trace=100times.
- 8). Since the out-of-band characteristics of the EUT transmit antenna will often be unknown, the use of a conservative antenna gain value is necessary. Thus, when determining the EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2 dBi, whichever is greater. However, for devices that operate in multiple frequency bands while using the same transmit antenna, the highest gain of the antenna within the operating band nearest in frequency to the restricted band emission being measured may be used in lieu of the overall highest gain when the emission is at a frequency that is within 20 percent of the nearest band edge frequency, but in no case shall a value less than 2 dBi be used.



5. DUTY CYCLE

5.1 TEST STANDARD

Please refer to ANSI C63.10-2020+Cor 1-2023 Section 11.6

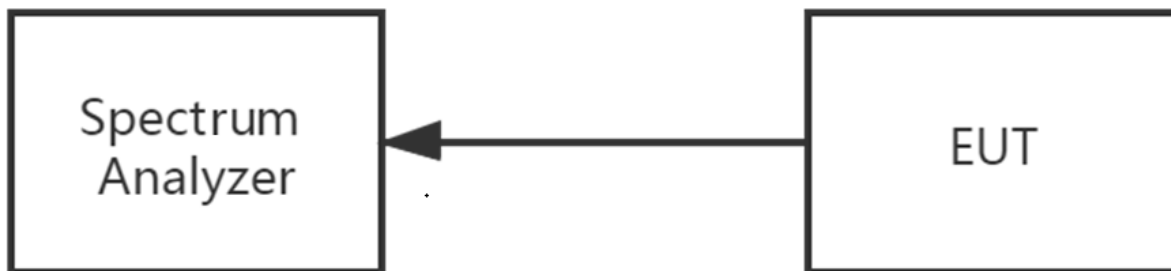
5.2 TEST PROCEDURE

Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	Zero
RB	set RBW to the largest available value
VB	$VBW \geq RBW$.
Detector	Peak
Trace	Clear Write
Sweep Time	Auto

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

Note: The test data please refer to APPENDIX 1.

6. CONDUCTED SPURIOUS & BAND EDGE EMISSION

6.1 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.

6.2 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
RB / VB (emission in restricted band)	100 KHz/300 KHz
Trace-Mode:	Max hold

6.3 DEVIATION FROM STANDARD

No deviation.

6.4 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.

6.5 EUT OPERATION CONDITIONS

Please refer to section 3.1.4 of this report.

6.6 TEST RESULTS

Note:

1. The test data please refer to APPENDIX 1.
2. Input compensation coefficient (dB) = Cable Loss (dB)
For Conducted spurious emissions plots from 30MHz to 26.5GHz, the worst cable loss and attenuator factors have been set in the 'Input Correction' of the Spectrum Analyzer during the test.



7. POWER SPECTRAL DENSITY TEST

7.1 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

7.2 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.

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

Note: The test data please refer to APPENDIX 1.



8. BANDWIDTH TEST

8.1 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

8.2 TEST PROCEDURE

The automatic bandwidth measurement capability of an instrument may be employed using the X dB bandwidth mode with X set to 6 dB, if the functionality described above (i.e., RBW = 1% to 5% of the OBW but not less than 100 kHz., VBW $\geq$ 3RBW, peak detector with maximum hold) is implemented by the instrumentation function. When using this capability, care shall be taken so that the bandwidth measurement is not influenced by any intermediate power nulls in the fundamental emission that might be ≥ 6 dB.

8.3 DEVIATION FROM STANDARD

No deviation.

8.4 TEST SETUP



8.5 EUT OPERATION CONDITIONS

Please refer to section 3.1.4 of this report.

8.6 TEST RESULTS

Note: The test data please refer to APPENDIX 1.



9. PEAK OUTPUT POWER TEST

9.1 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

9.2 TEST PROCEDURE

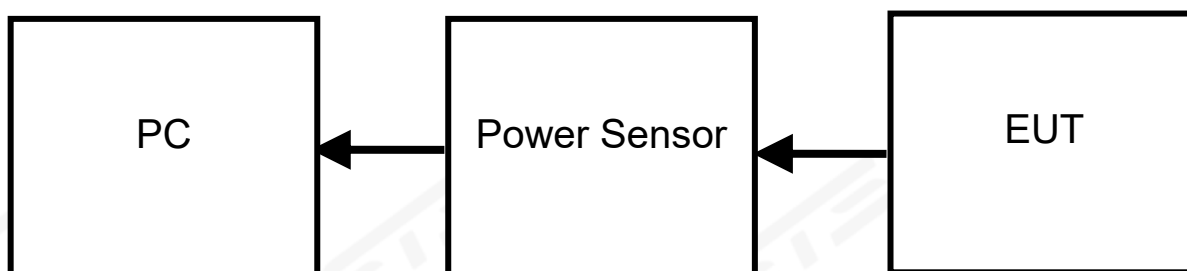
PKPM1 Peak power meter method:

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.

9.3 DEVIATION FROM STANDARD

No deviation.

9.4 TEST SETUP



9.5 EUT OPERATION CONDITIONS

Please refer to section 3.1.4 of this report.

9.6 TEST RESULTS

Note: The test data please refer to APPENDIX 1.



10. ANTENNA REQUIREMENT

10.1 STANDARD REQUIREMENT

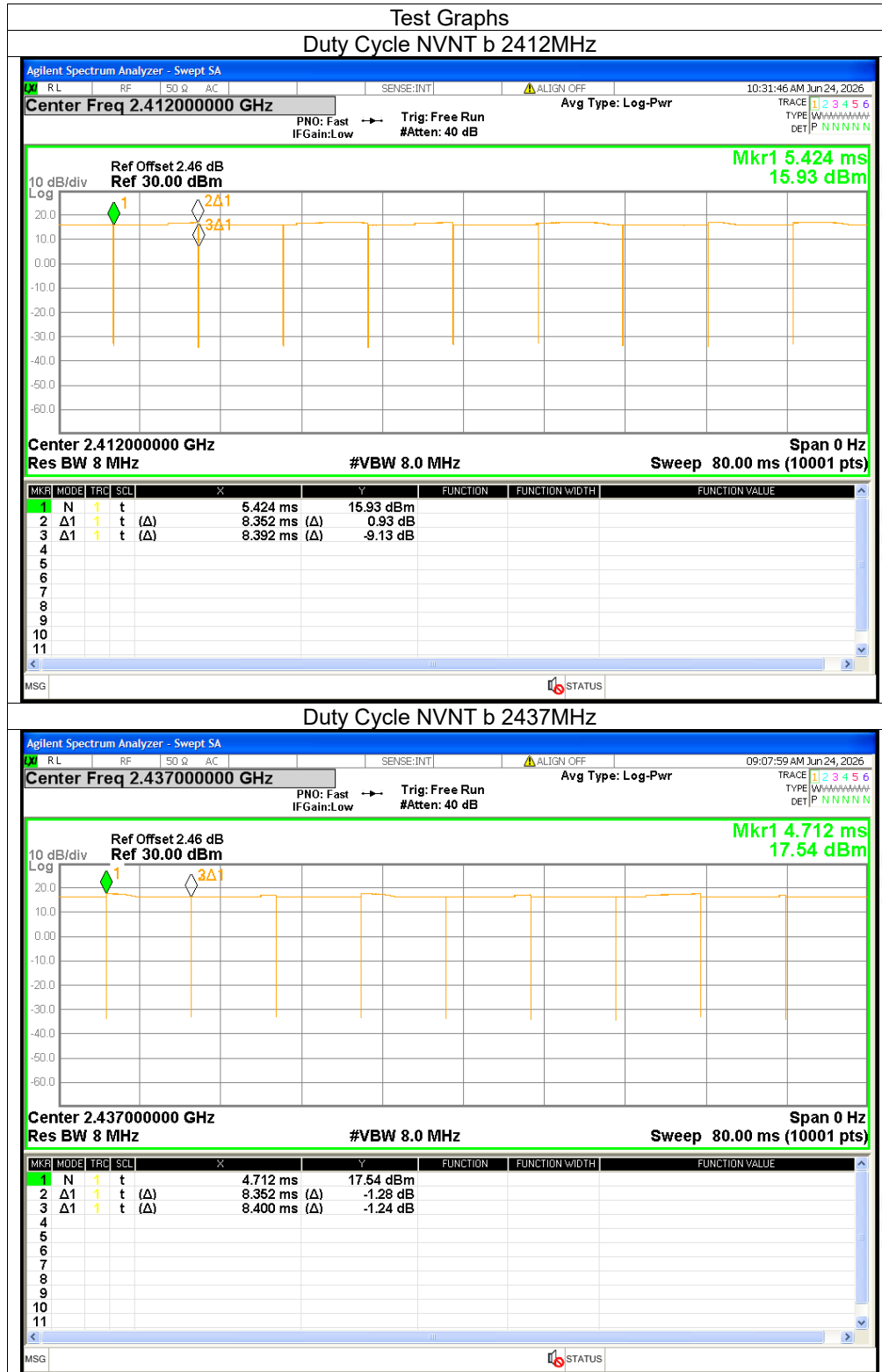
15.203 requirement: For intentional device, according to 15.203: an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

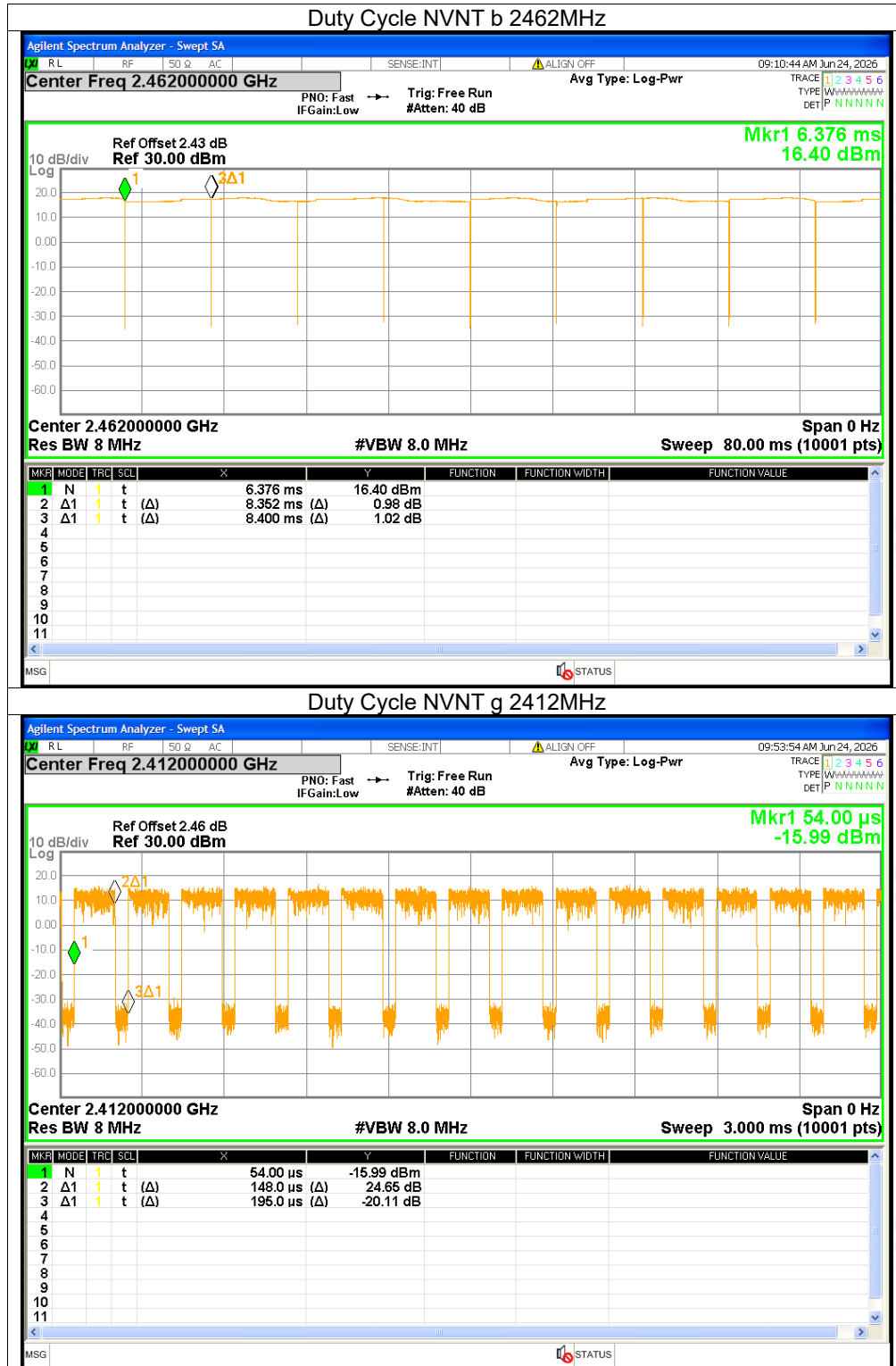
10.2 EUT ANTENNA

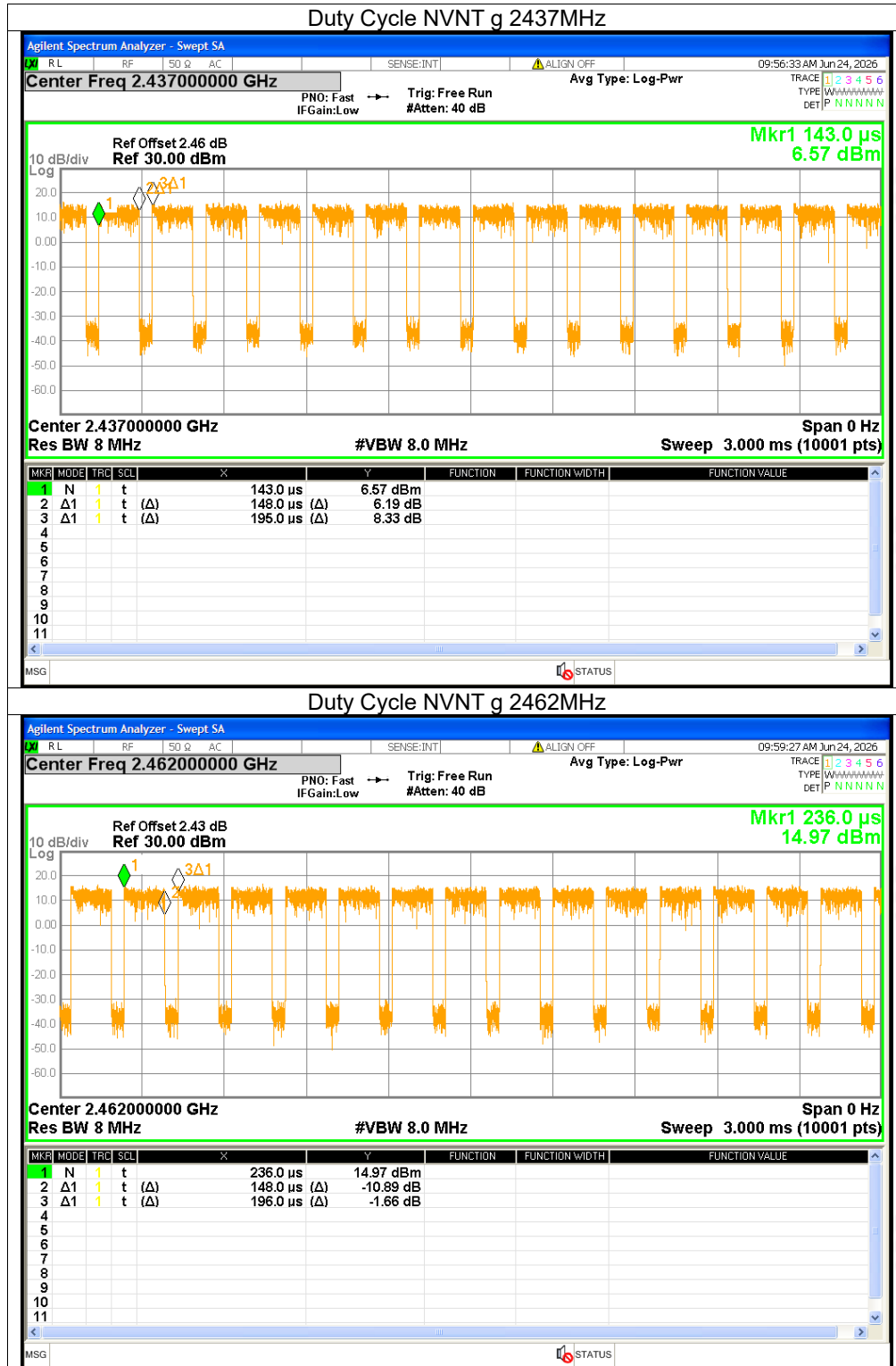
The EUT antenna is FPC Antenna. It comply with the standard requirement.

**APPENDIX 1-TEST DATA****Duty Cycle**

Condition	Mode	Frequency (MHz)	On Time (ms)	Period (ms)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	8.352	8.392	99.52	0.02	0.12
NVNT	b	2437	8.352	8.4	99.43	0.02	0.12
NVNT	b	2462	8.352	8.4	99.43	0.02	0.12
NVNT	g	2412	0.148	0.195	75.9	1.2	6.73
NVNT	g	2437	0.148	0.195	75.9	1.2	6.75
NVNT	g	2462	0.148	0.196	75.51	1.22	6.73
NVNT	n20	2412	0.176	0.223	78.92	1.03	5.67
NVNT	n20	2437	0.176	0.223	78.92	1.03	5.68
NVNT	n20	2462	0.176	0.224	78.57	1.05	5.68
NVNT	n40	2422	0.18	0.228	78.95	1.03	5.55
NVNT	n40	2437	0.18	0.228	78.95	1.03	5.55
NVNT	n40	2452	0.181	0.227	79.74	0.98	5.54

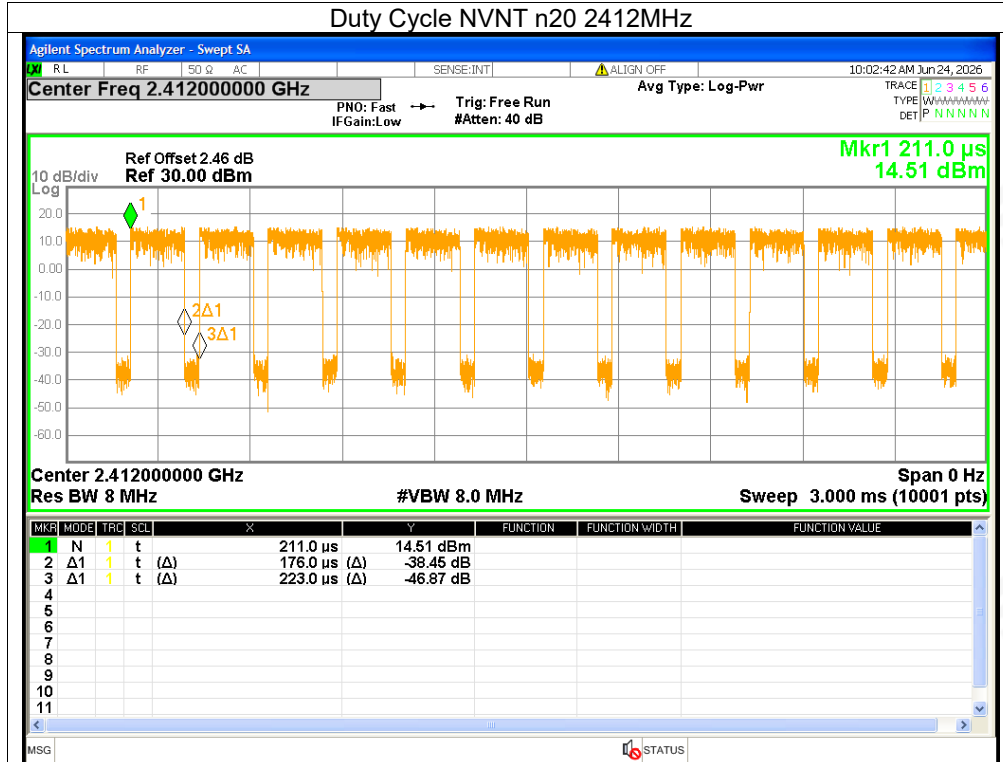




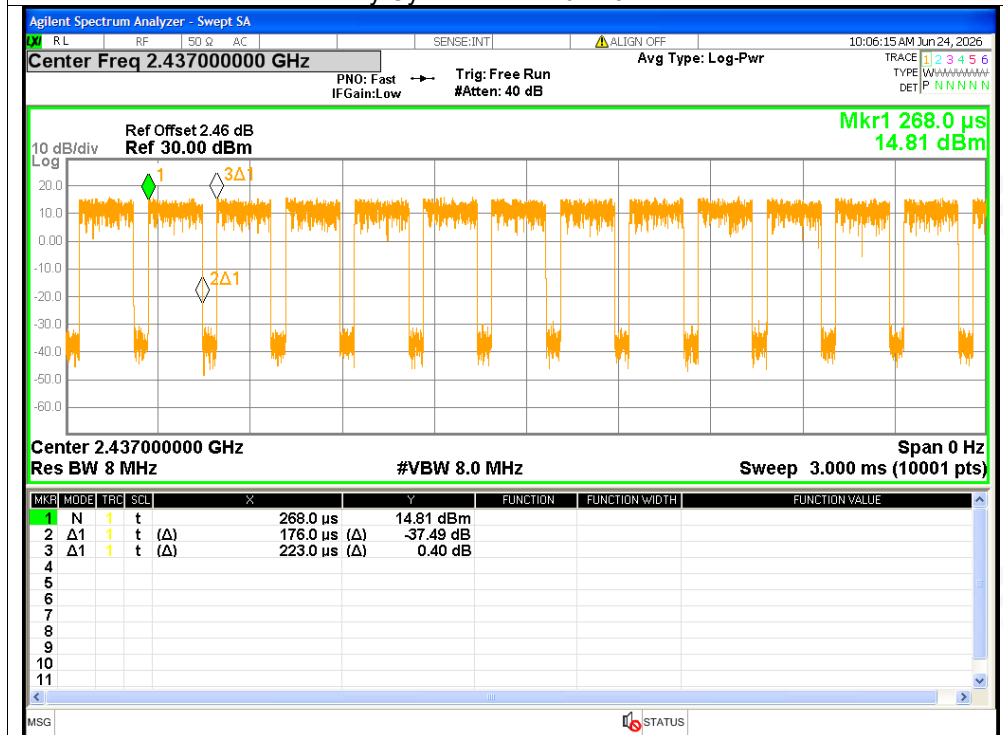




Duty Cycle NVNT n20 2412MHz

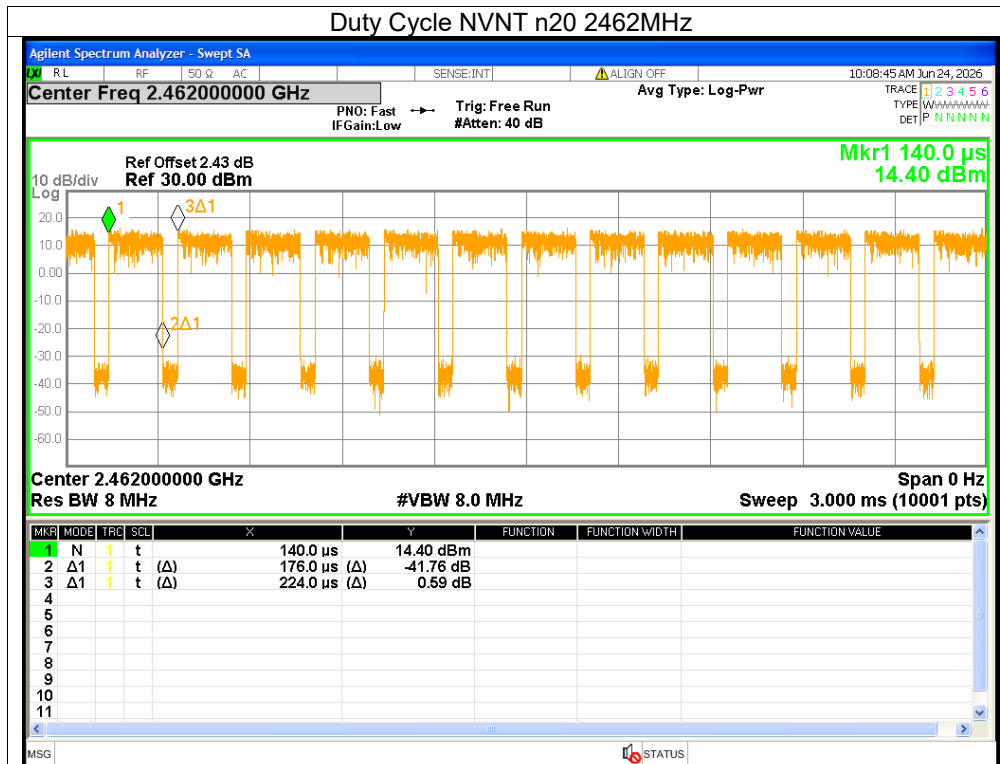


Duty Cycle NVNT n20 2437MHz

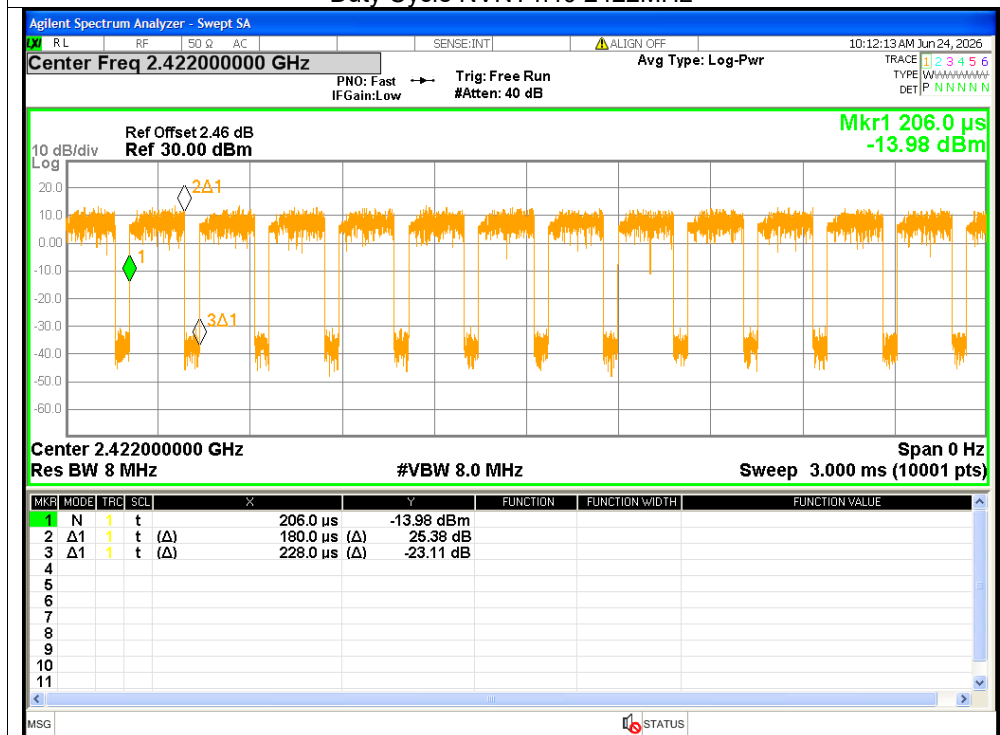




Duty Cycle NVNT n20 2462MHz

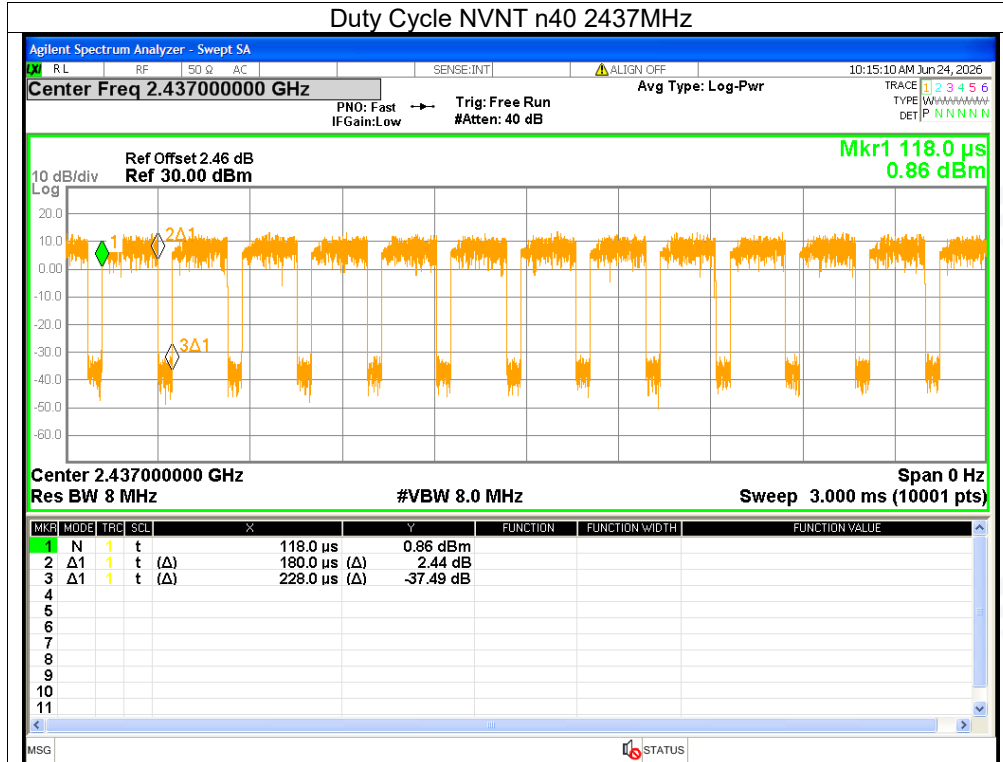


Duty Cycle NVNT n40 2422MHz

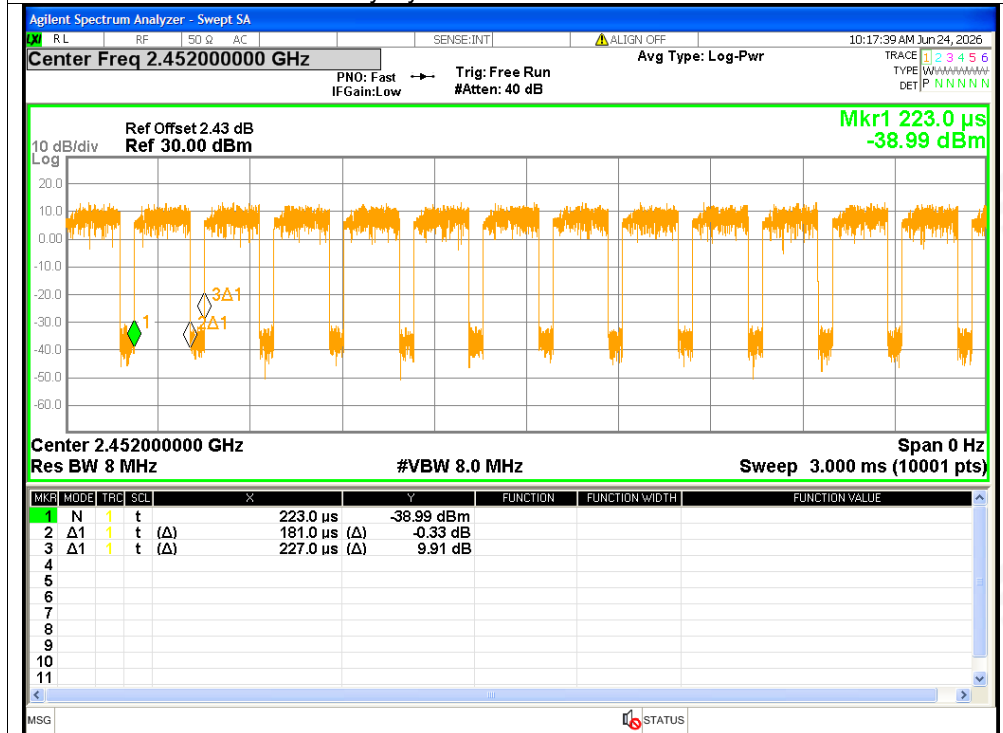




Duty Cycle NVNT n40 2437MHz



Duty Cycle NVNT n40 2452MHz



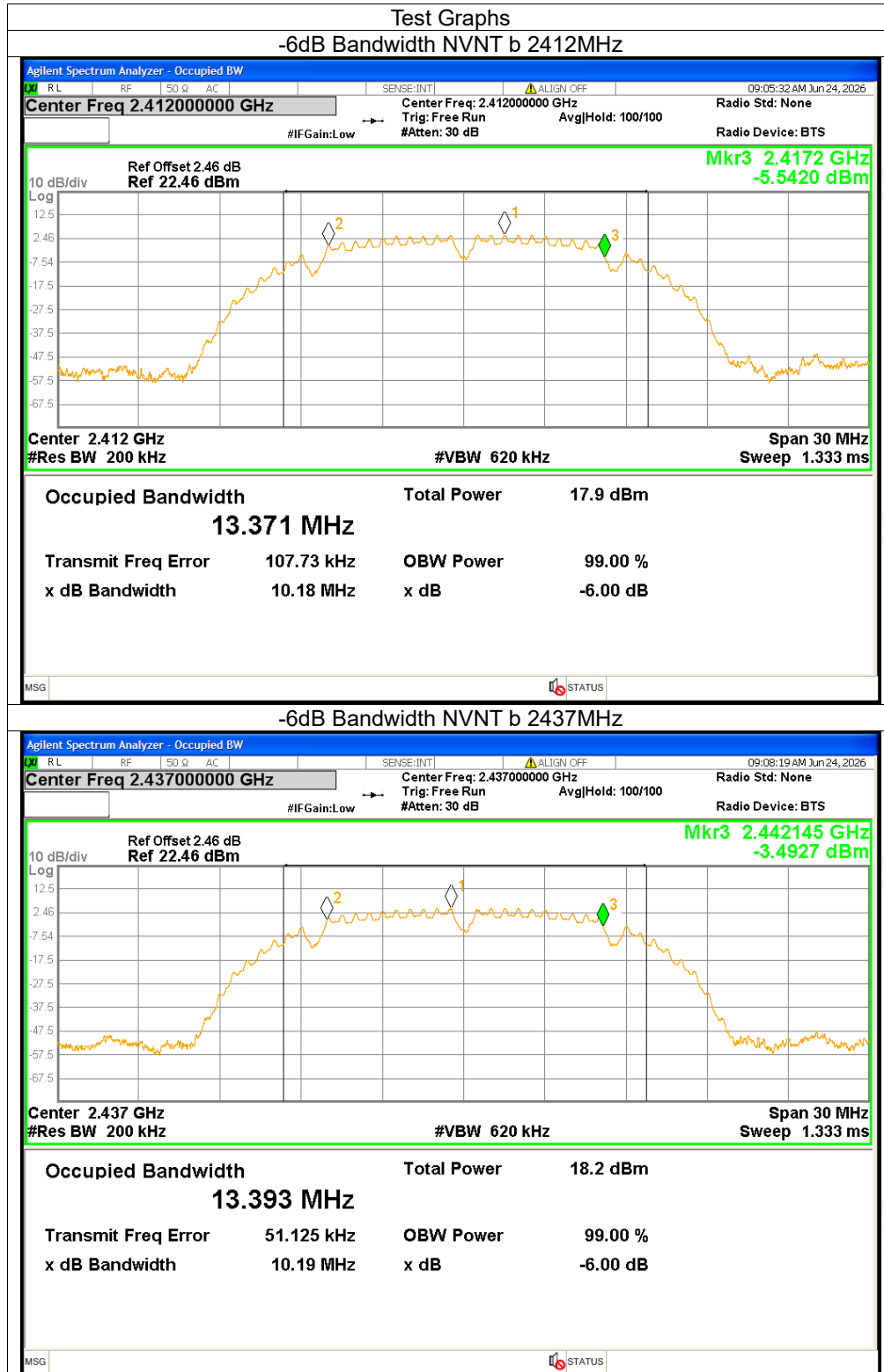


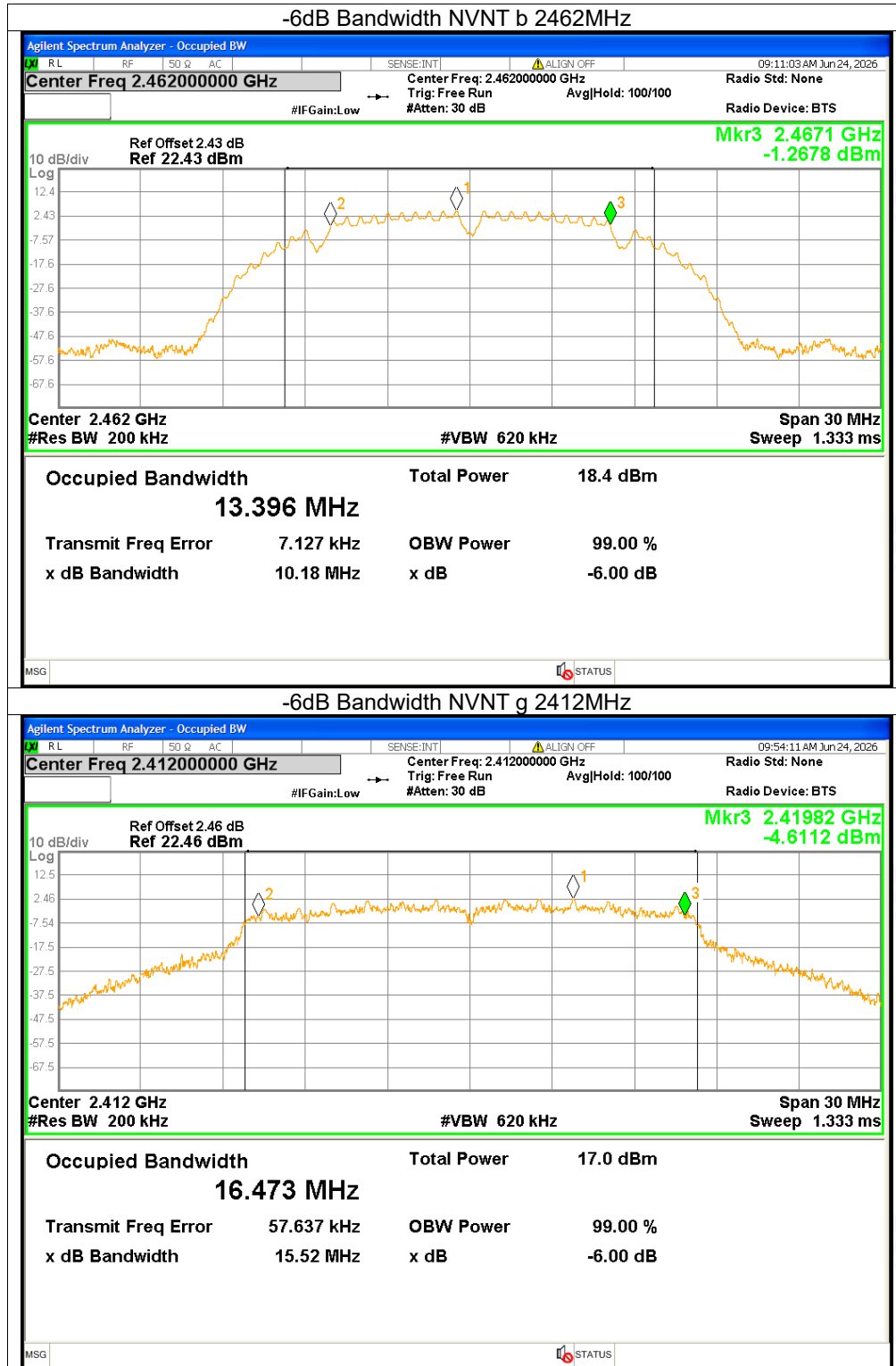
Maximum Peak Conducted Output Power

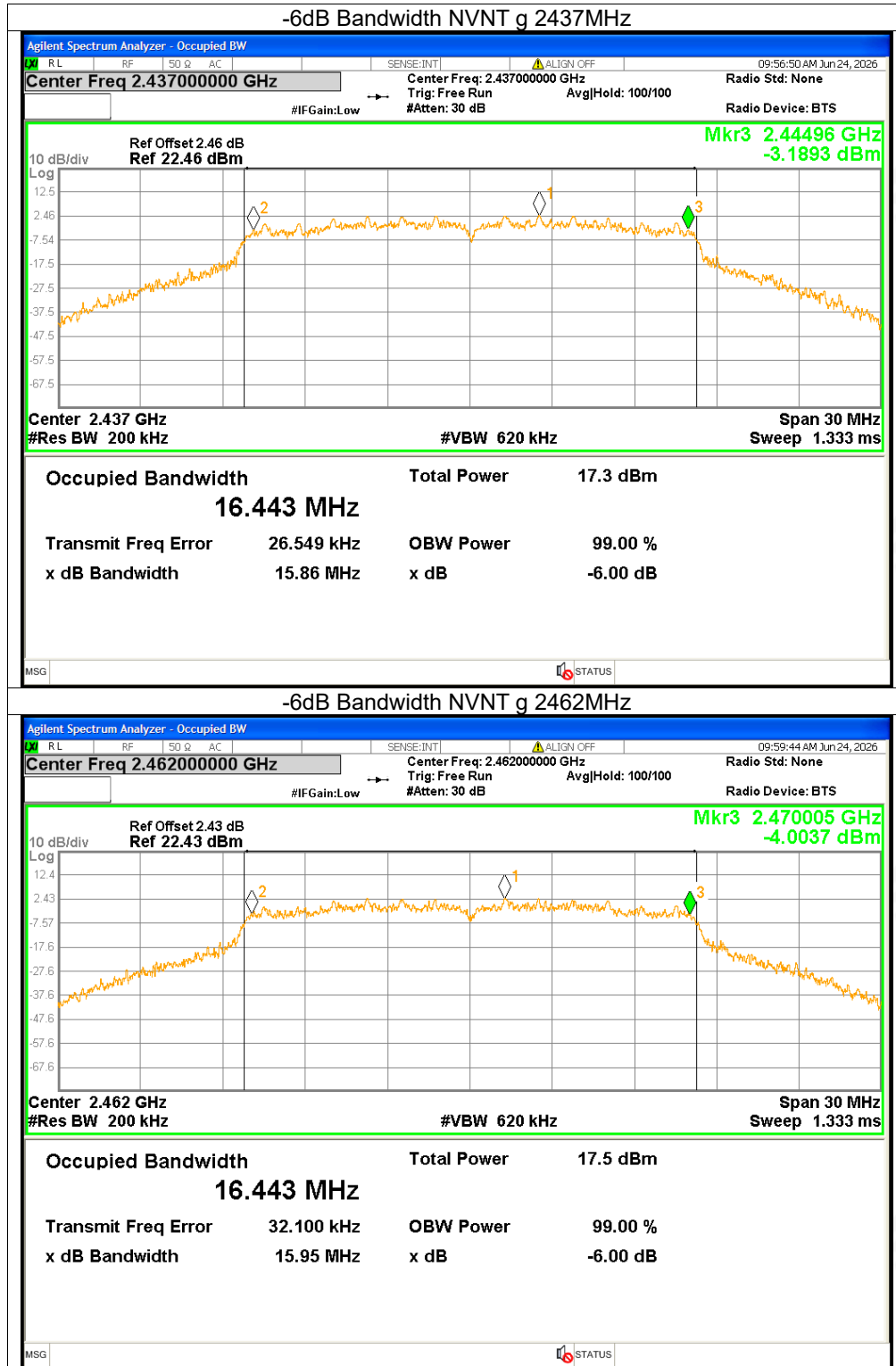
Condition	Mode	Frequency (MHz)	Conducted Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	18.13	<=30	Pass
NVNT	b	2437	18.54	<=30	Pass
NVNT	b	2462	18.76	<=30	Pass
NVNT	g	2412	17.55	<=30	Pass
NVNT	g	2437	17.72	<=30	Pass
NVNT	g	2462	17.9	<=30	Pass
NVNT	n20	2412	17.63	<=30	Pass
NVNT	n20	2437	17.71	<=30	Pass
NVNT	n20	2462	17.9	<=30	Pass
NVNT	n40	2422	17.25	<=30	Pass
NVNT	n40	2437	17.47	<=30	Pass
NVNT	n40	2452	17.59	<=30	Pass

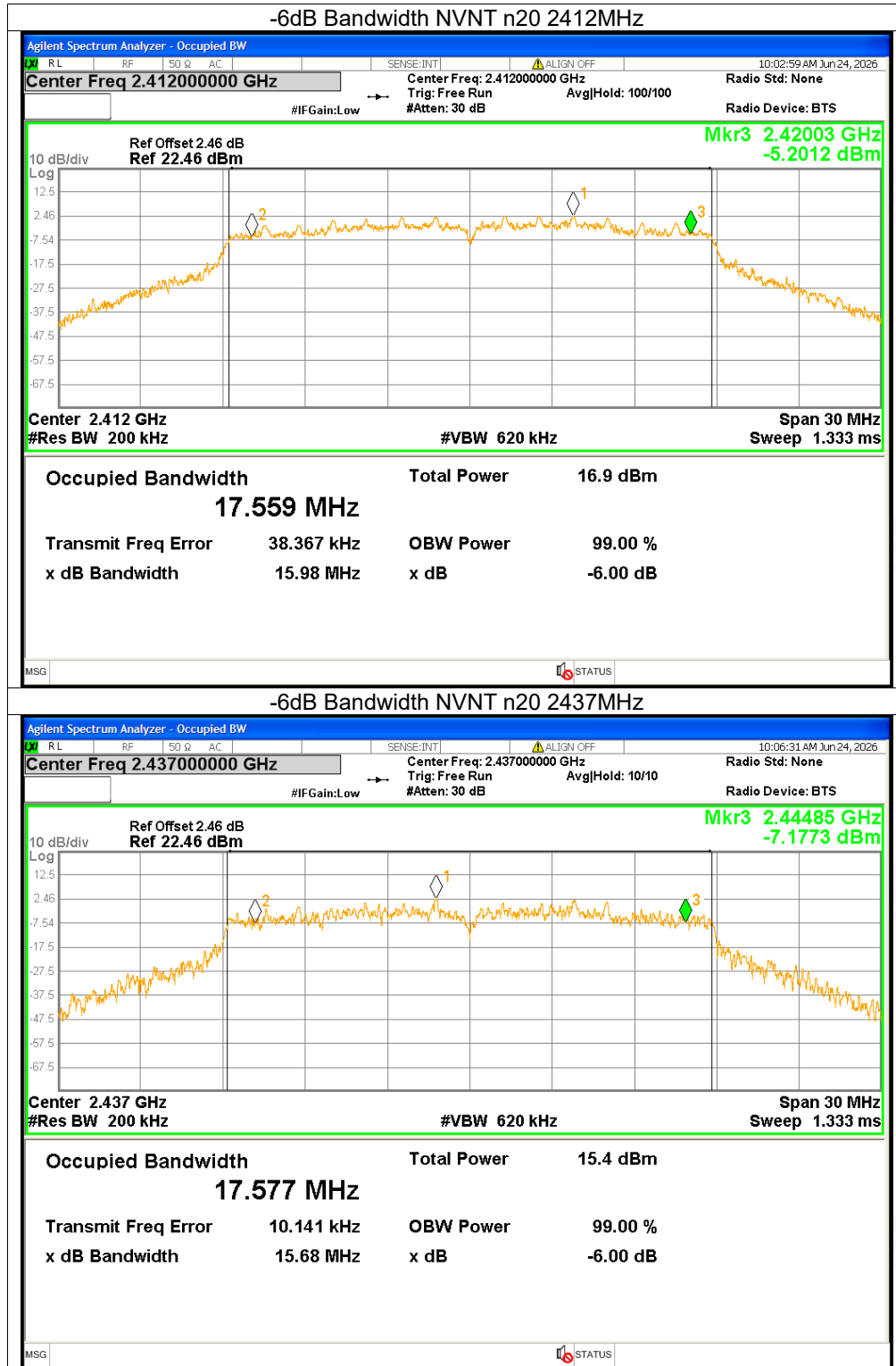
**-6dB Bandwidth**

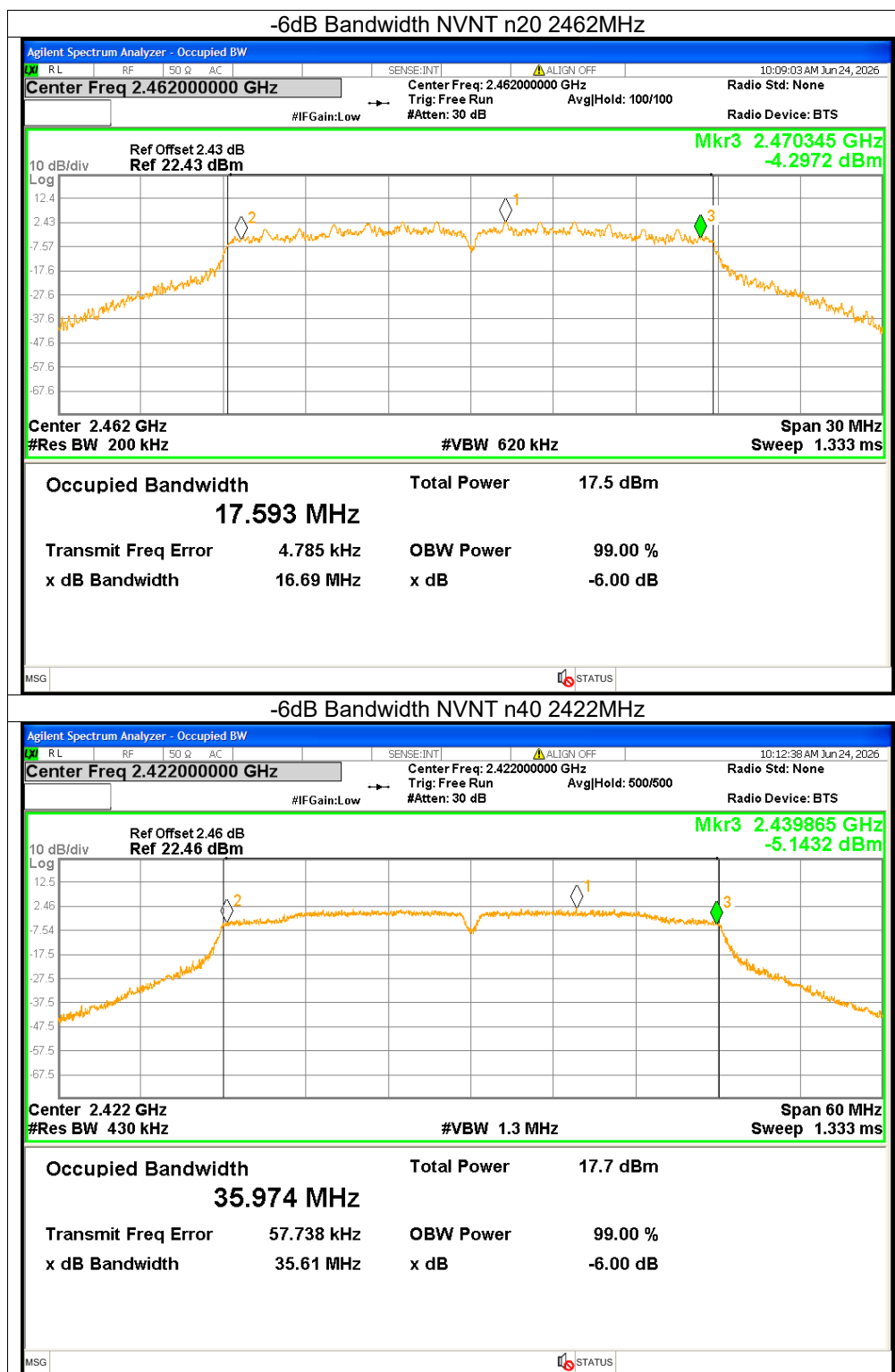
Condition	Mode	Frequency (MHz)	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	10.18	≥ 0.5	Pass
NVNT	b	2437	10.19	≥ 0.5	Pass
NVNT	b	2462	10.18	≥ 0.5	Pass
NVNT	g	2412	15.52	≥ 0.5	Pass
NVNT	g	2437	15.86	≥ 0.5	Pass
NVNT	g	2462	15.95	≥ 0.5	Pass
NVNT	n20	2412	15.98	≥ 0.5	Pass
NVNT	n20	2437	15.68	≥ 0.5	Pass
NVNT	n20	2462	16.69	≥ 0.5	Pass
NVNT	n40	2422	35.61	≥ 0.5	Pass
NVNT	n40	2437	35.71	≥ 0.5	Pass
NVNT	n40	2452	35.8	≥ 0.5	Pass

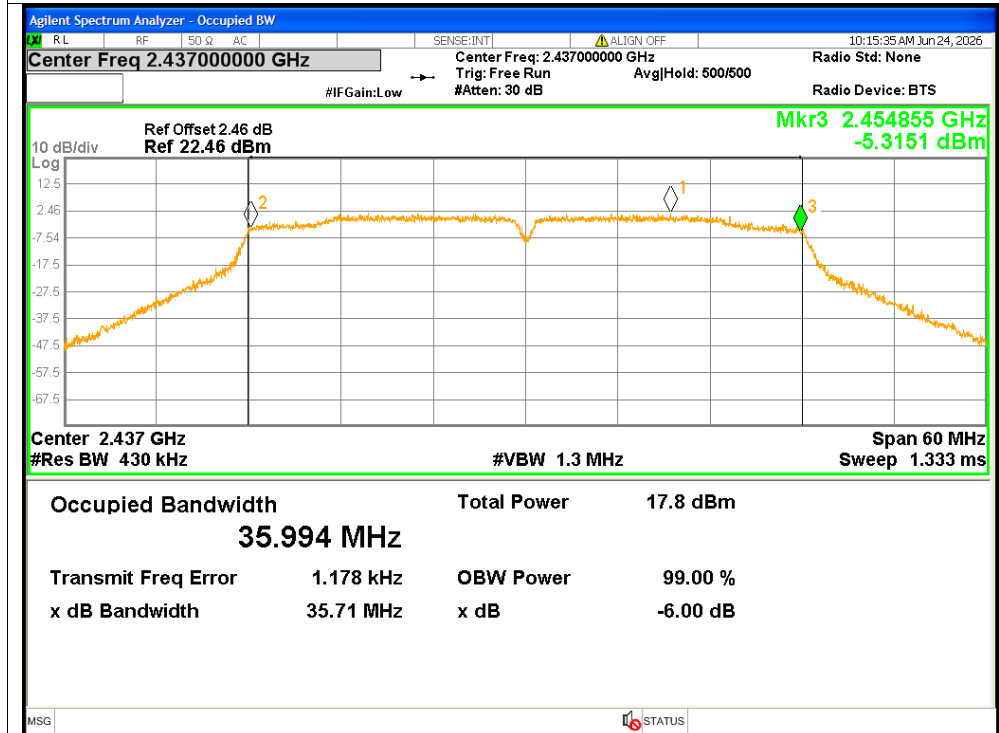
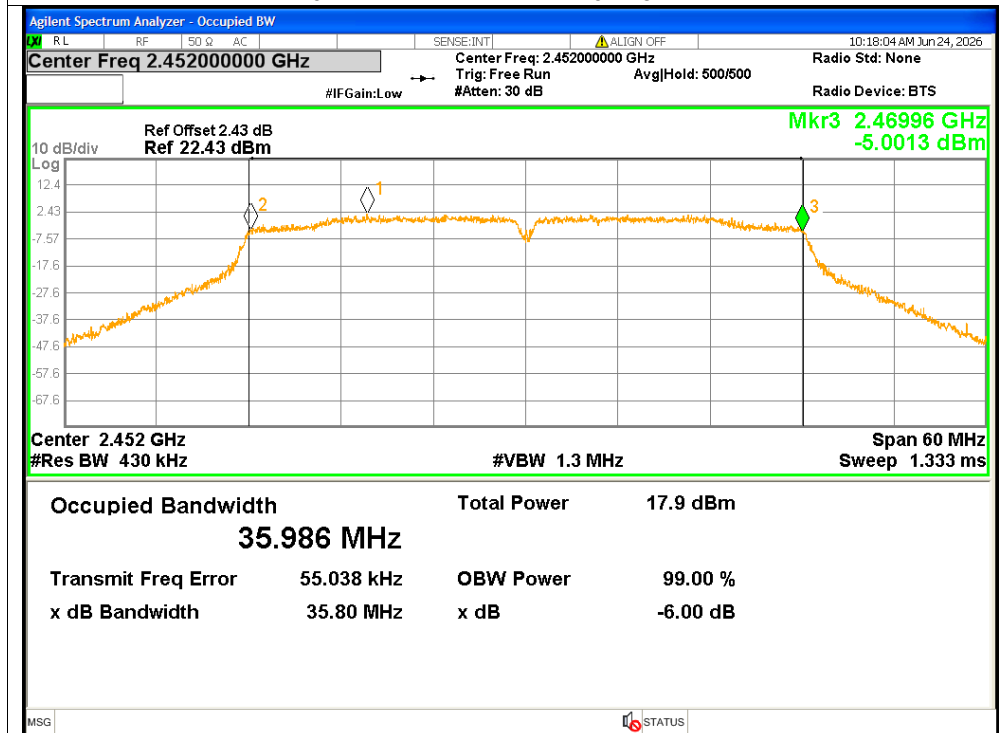








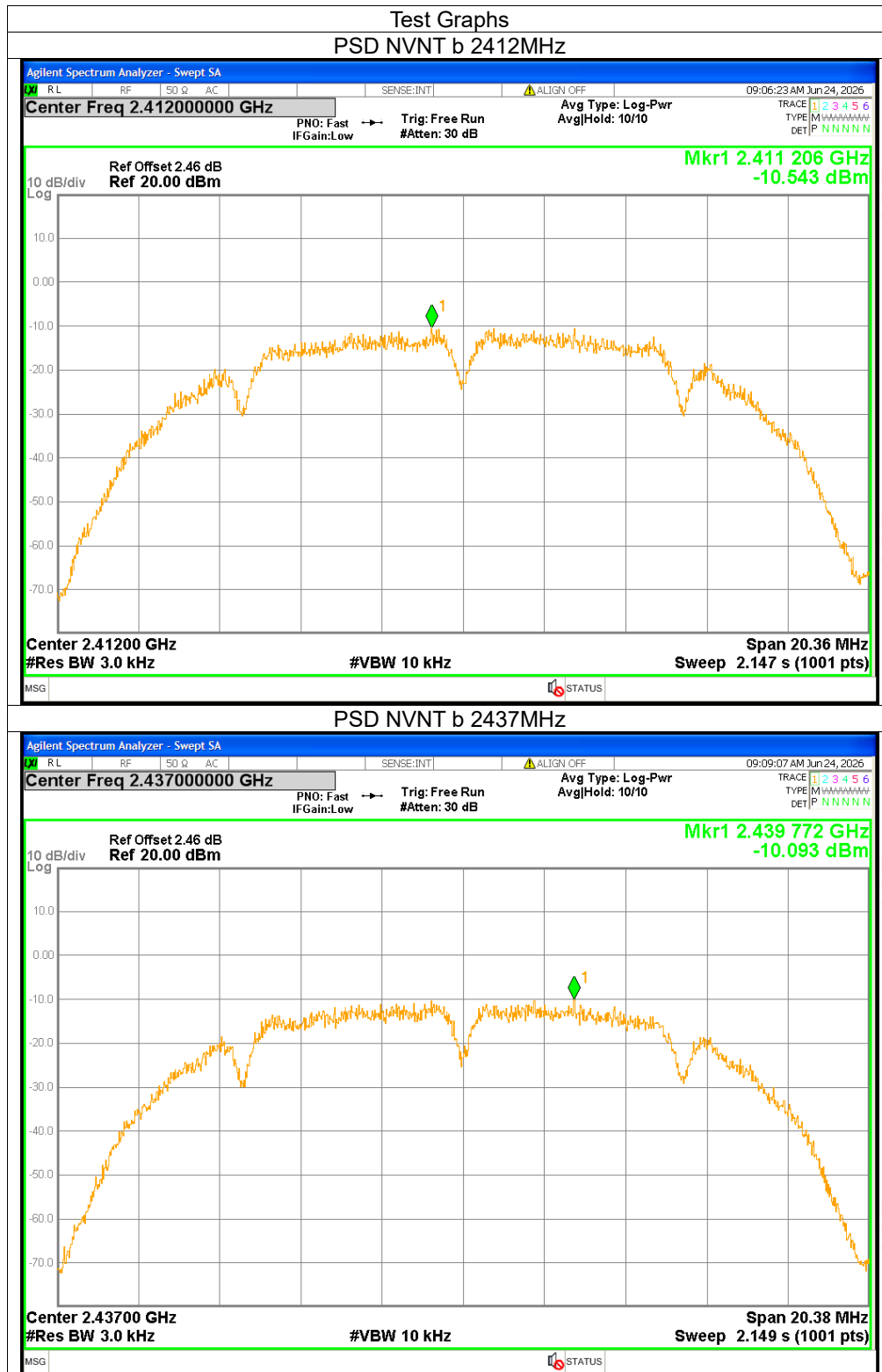


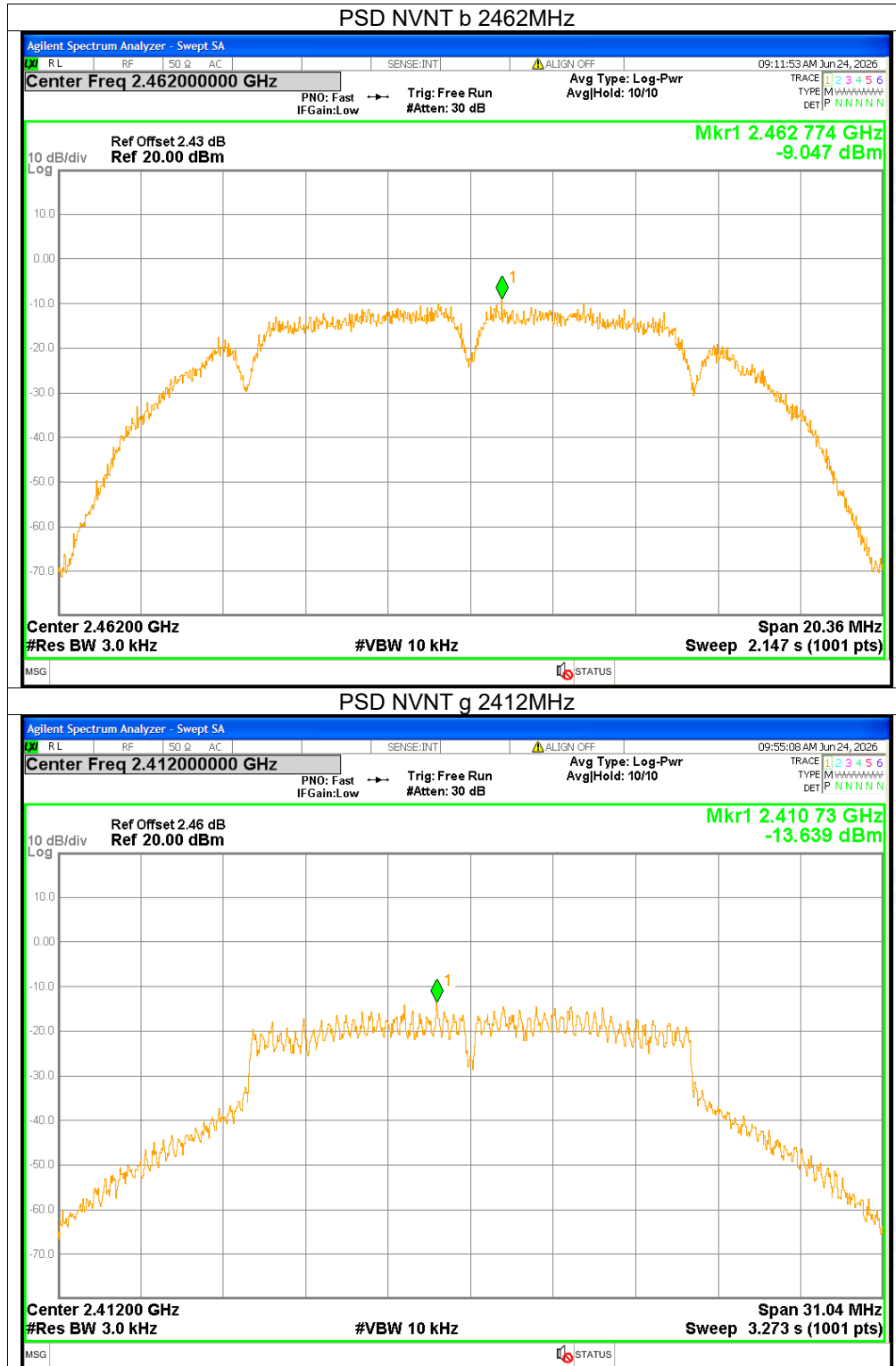
**-6dB Bandwidth NVNT n40 2437MHz****-6dB Bandwidth NVNT n40 2452MHz**

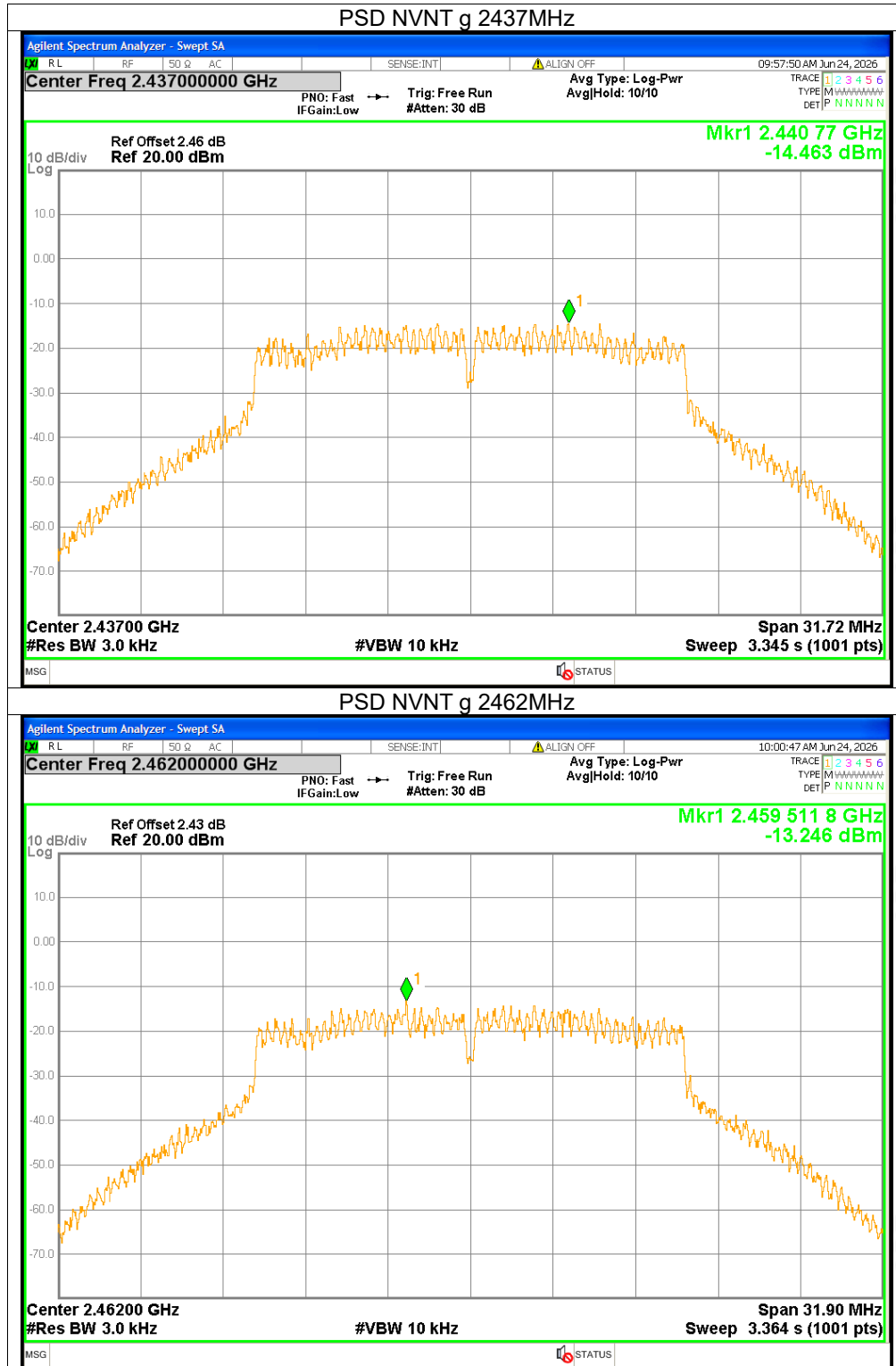


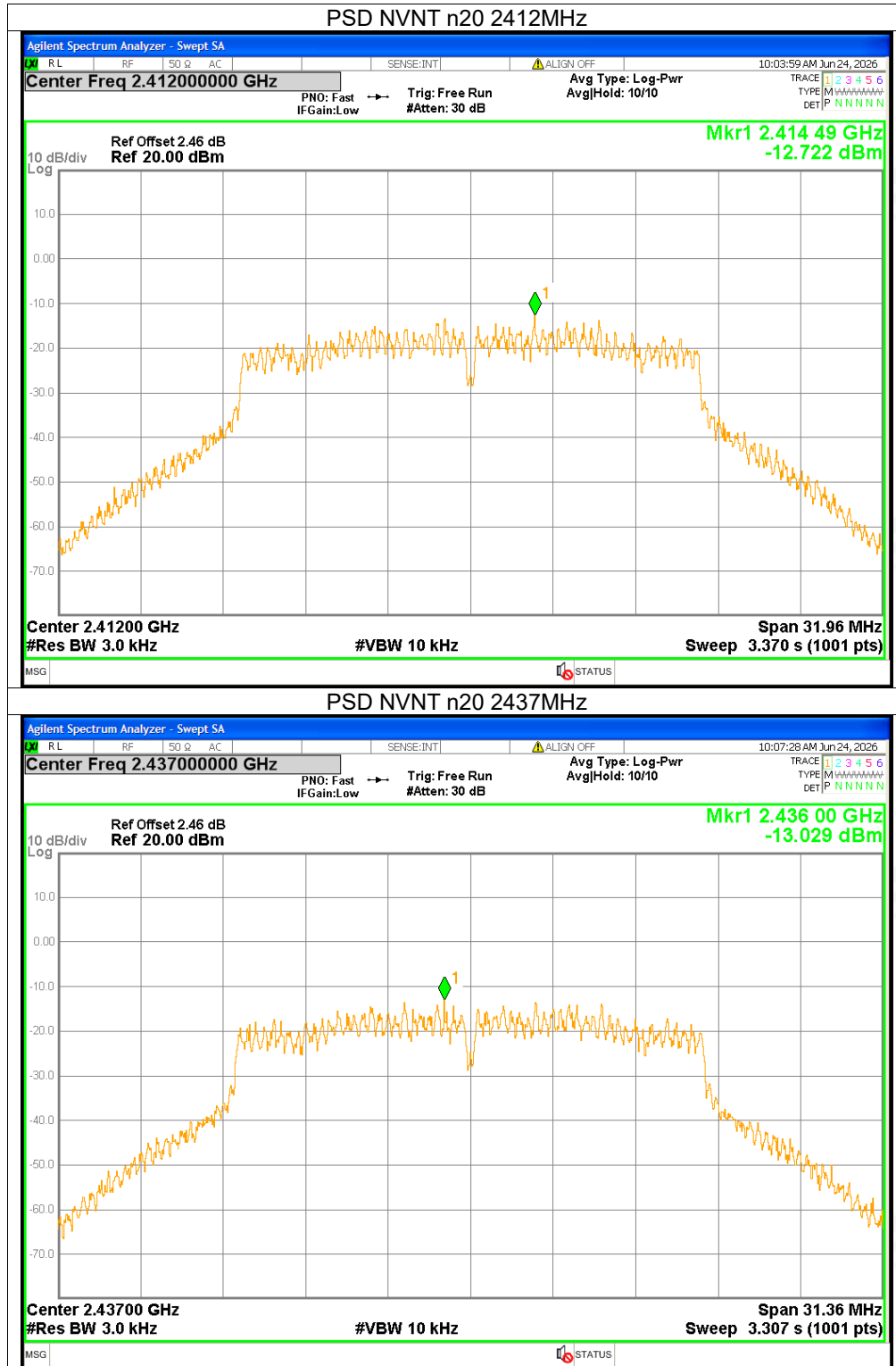
Maximum Power Spectral Density Level

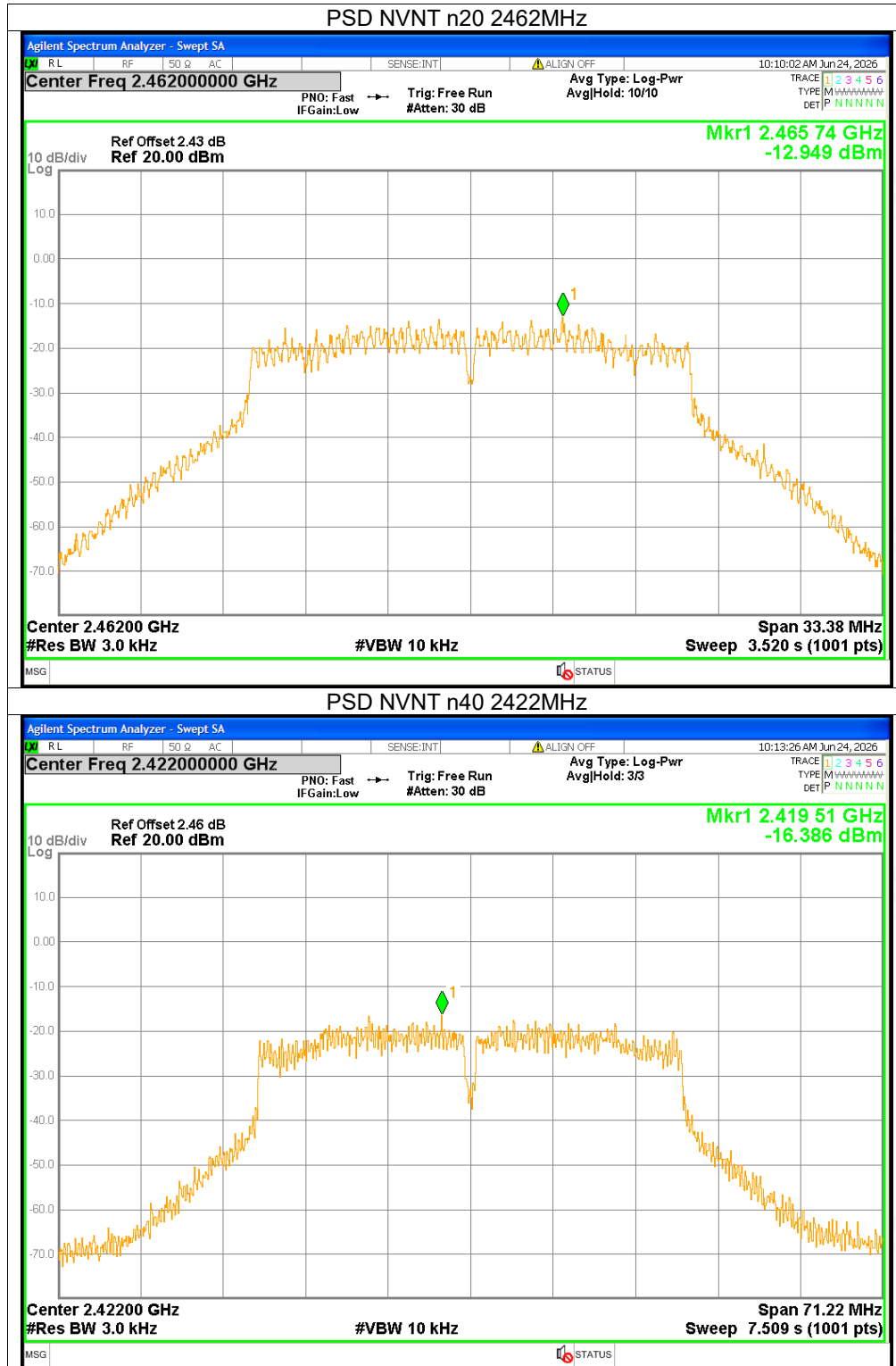
Condition	Mode	Frequency (MHz)	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	-10.54	≤ 8	Pass
NVNT	b	2437	-10.09	≤ 8	Pass
NVNT	b	2462	-9.05	≤ 8	Pass
NVNT	g	2412	-13.64	≤ 8	Pass
NVNT	g	2437	-14.46	≤ 8	Pass
NVNT	g	2462	-13.25	≤ 8	Pass
NVNT	n20	2412	-12.72	≤ 8	Pass
NVNT	n20	2437	-13.03	≤ 8	Pass
NVNT	n20	2462	-12.95	≤ 8	Pass
NVNT	n40	2422	-16.39	≤ 8	Pass
NVNT	n40	2437	-16.8	≤ 8	Pass
NVNT	n40	2452	-16.35	≤ 8	Pass

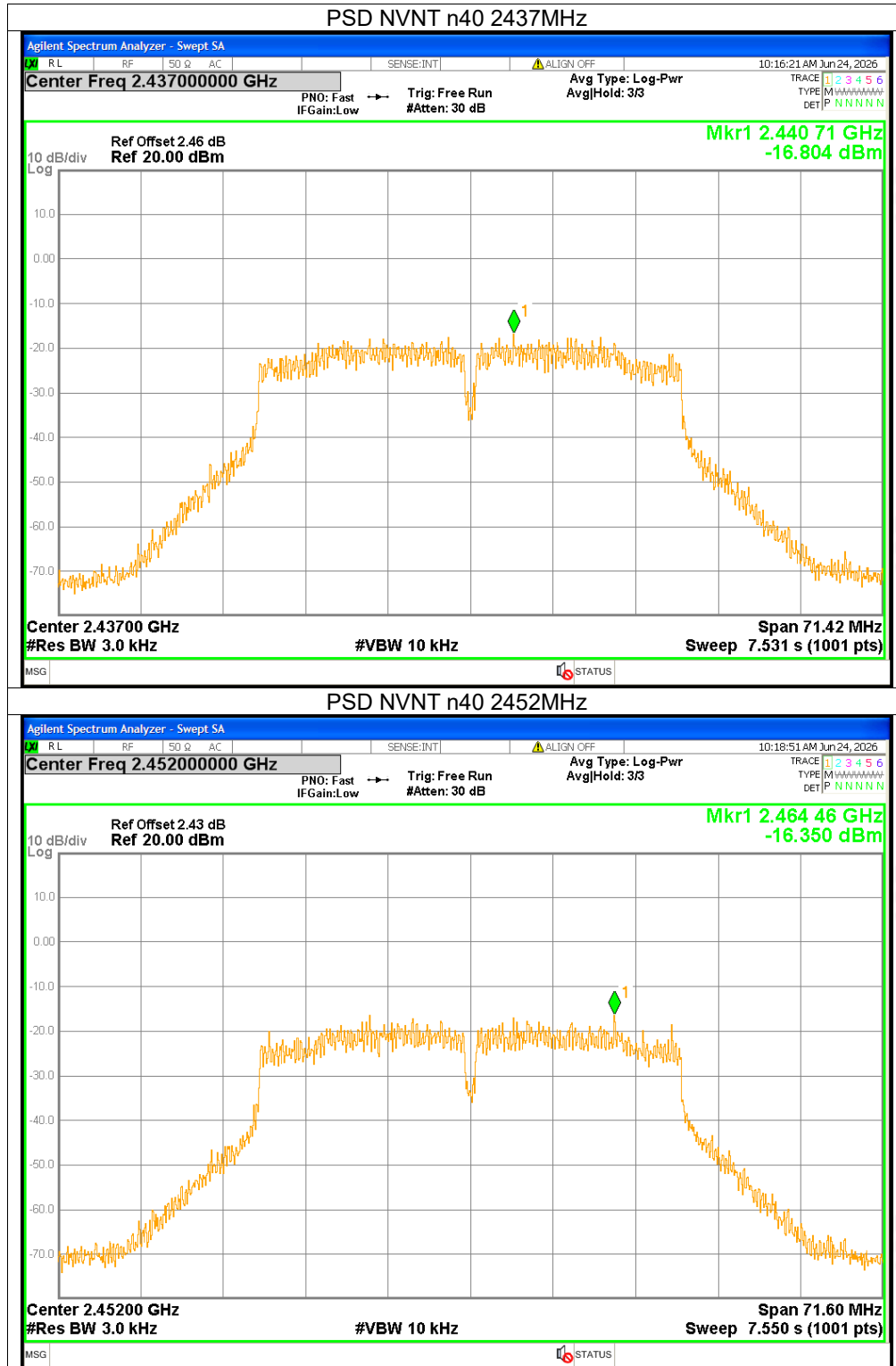








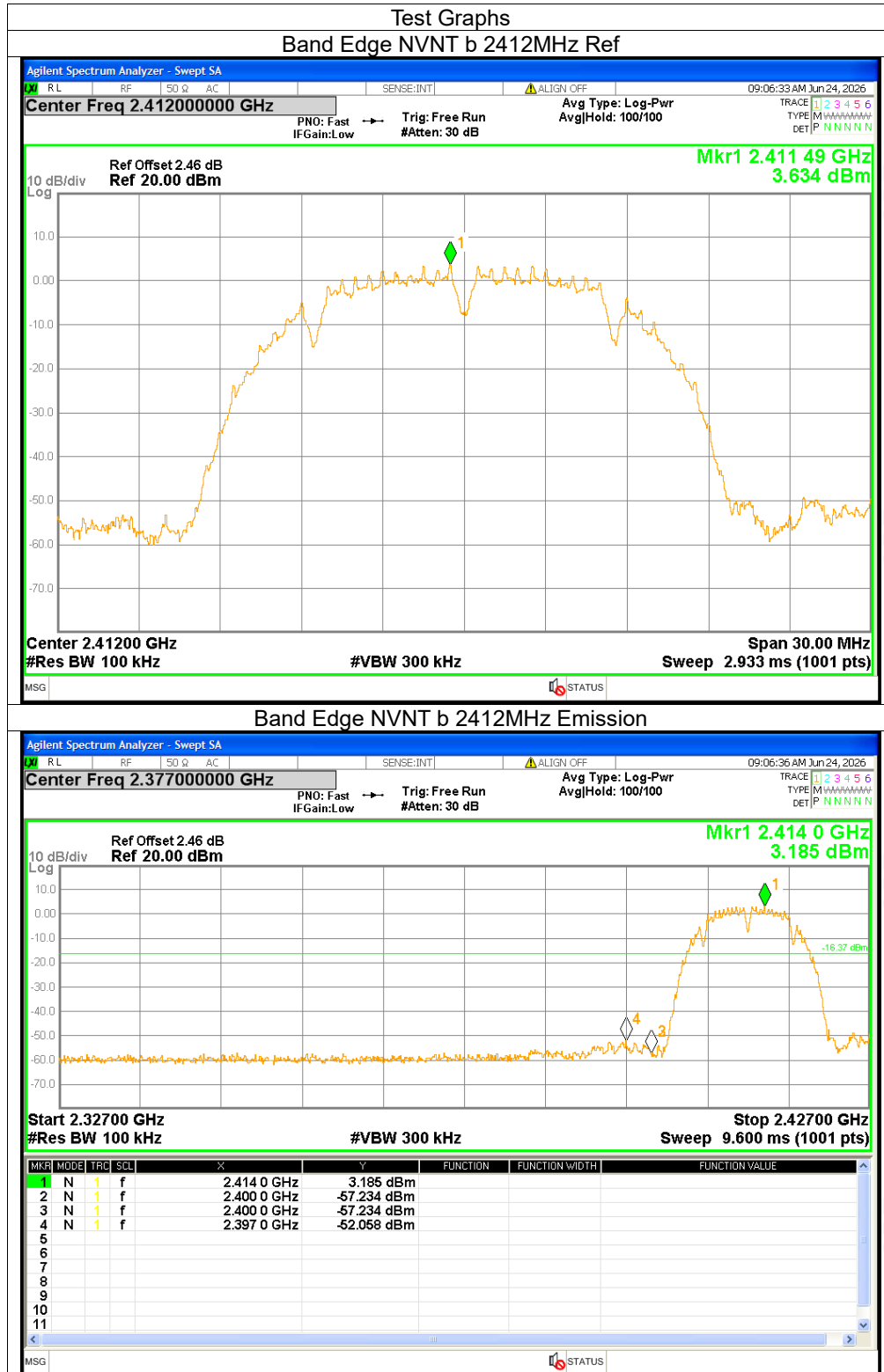


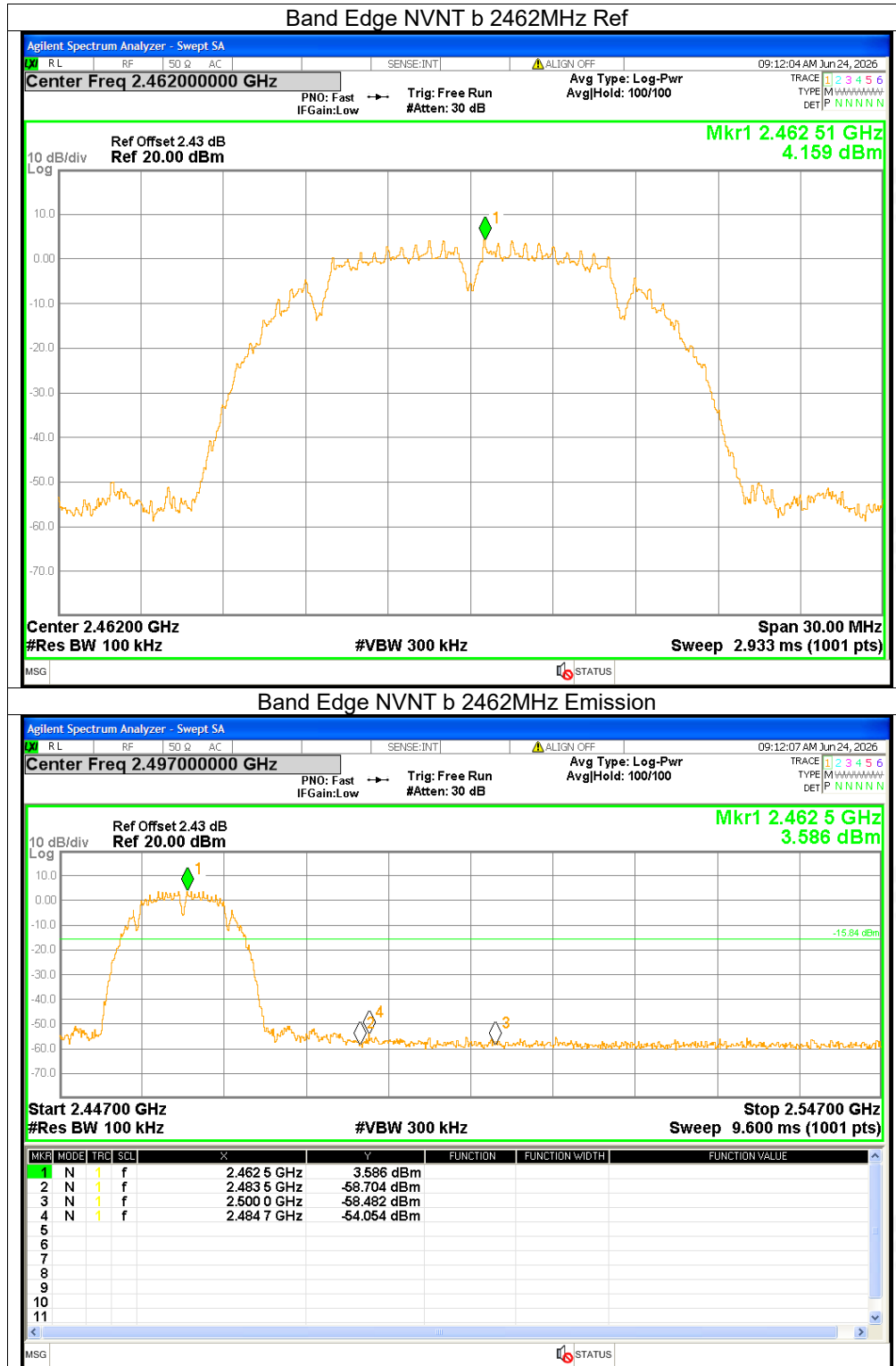


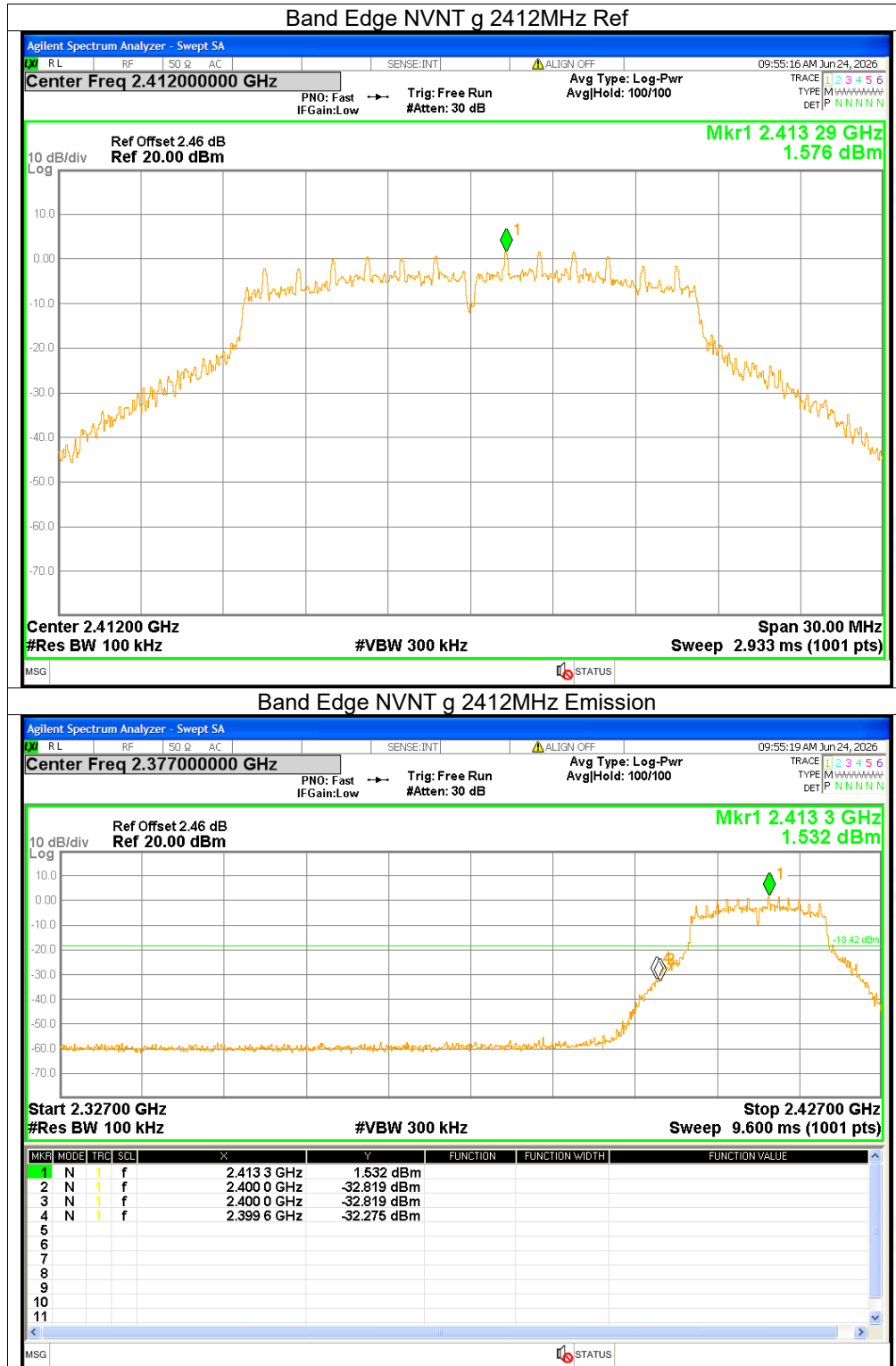


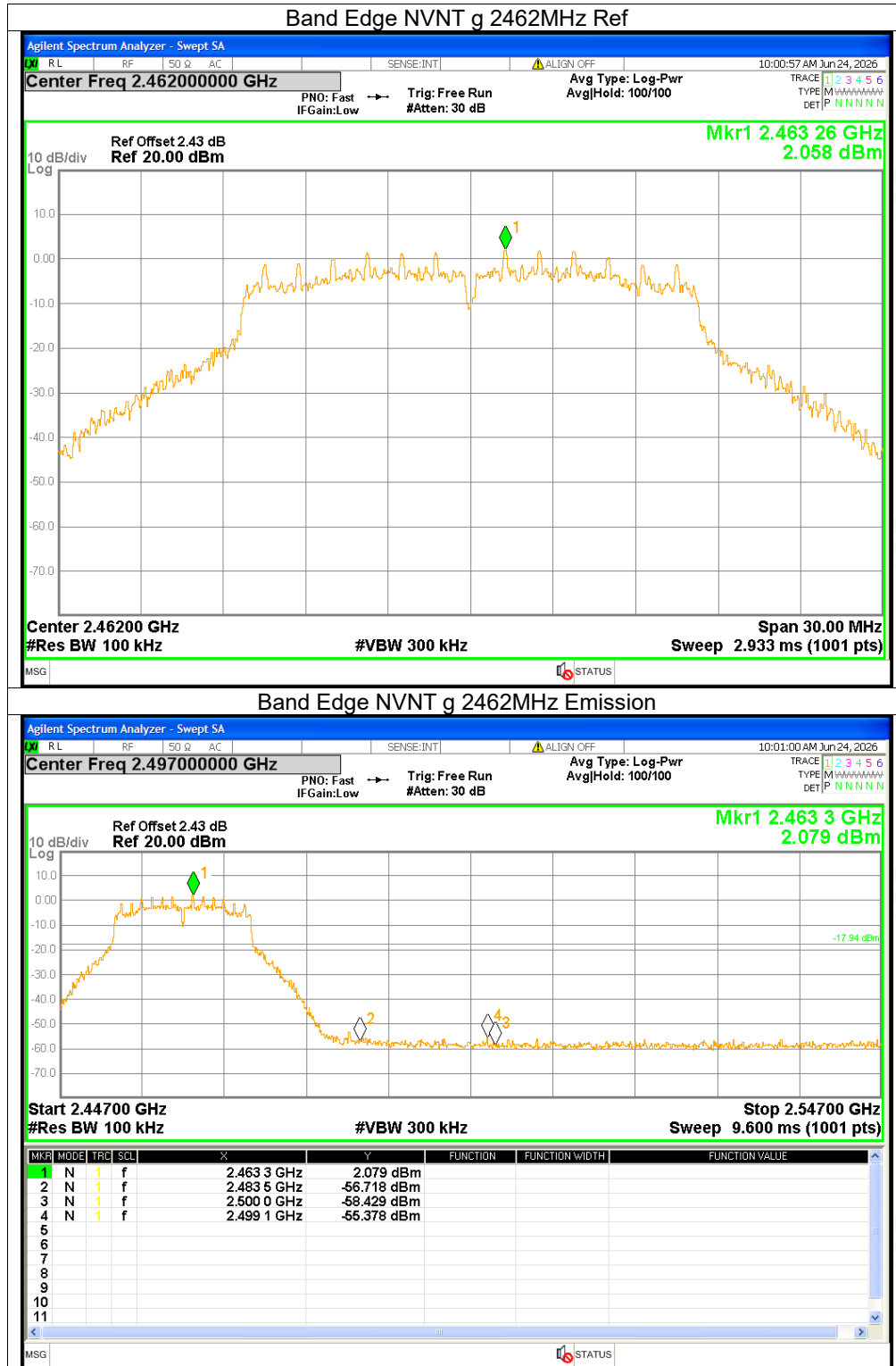
Band Edge

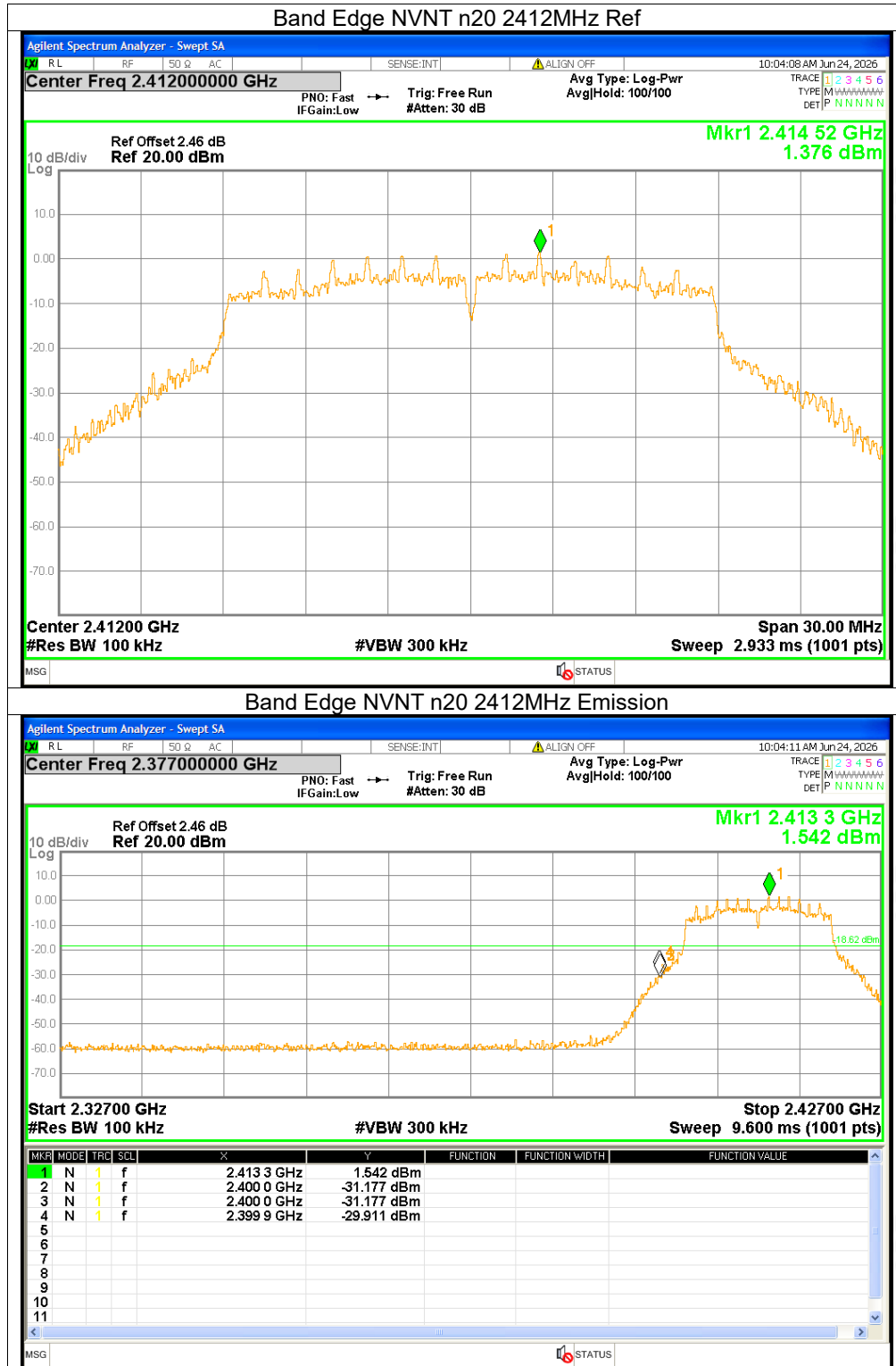
Condition	Mode	Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	-55.68	<=-20	Pass
NVNT	b	2462	-58.21	<=-20	Pass
NVNT	g	2412	-33.85	<=-20	Pass
NVNT	g	2462	-57.43	<=-20	Pass
NVNT	n20	2412	-31.29	<=-20	Pass
NVNT	n20	2462	-56.89	<=-20	Pass
NVNT	n40	2422	-28.05	<=-20	Pass
NVNT	n40	2452	-45.95	<=-20	Pass

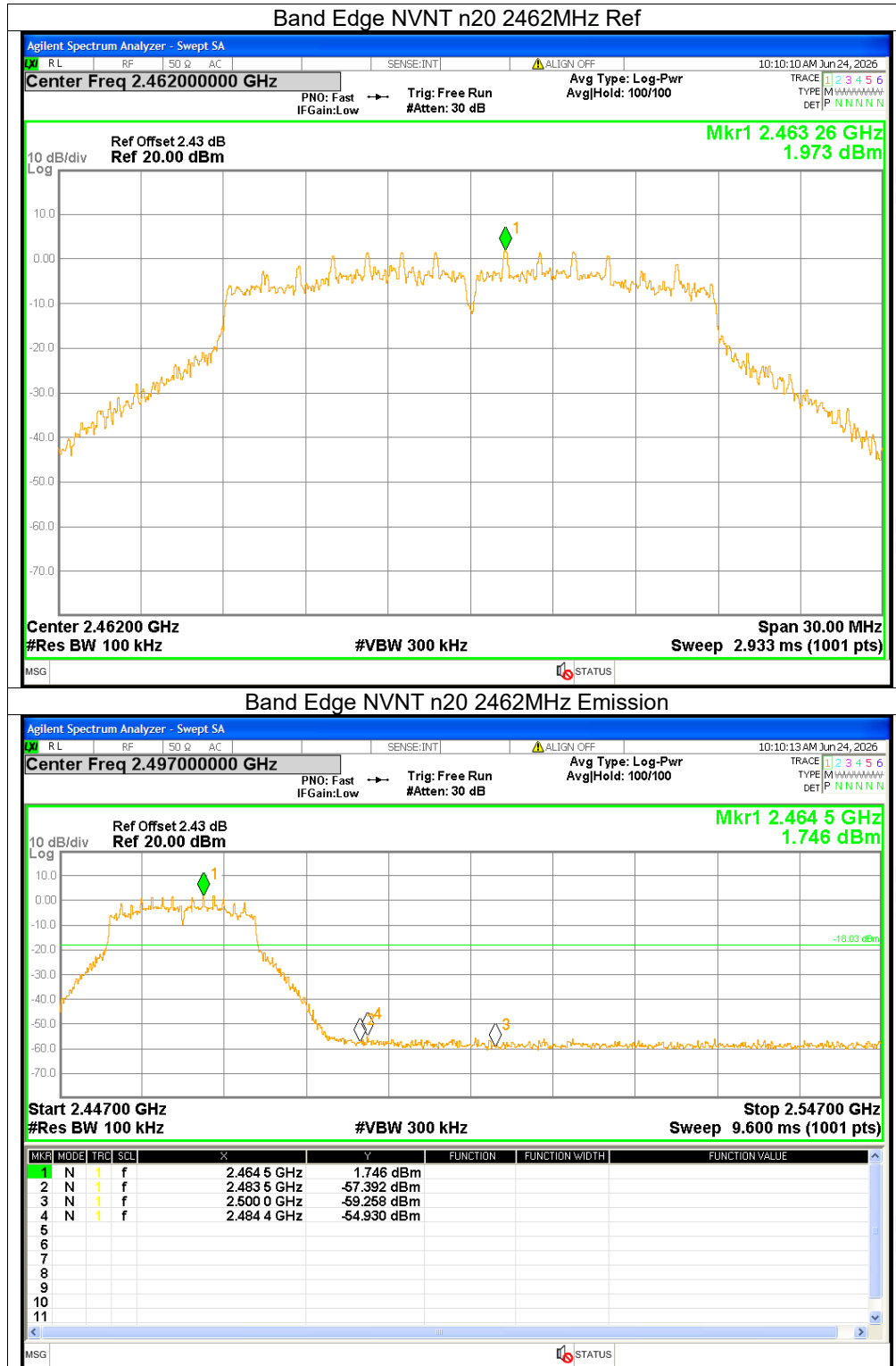


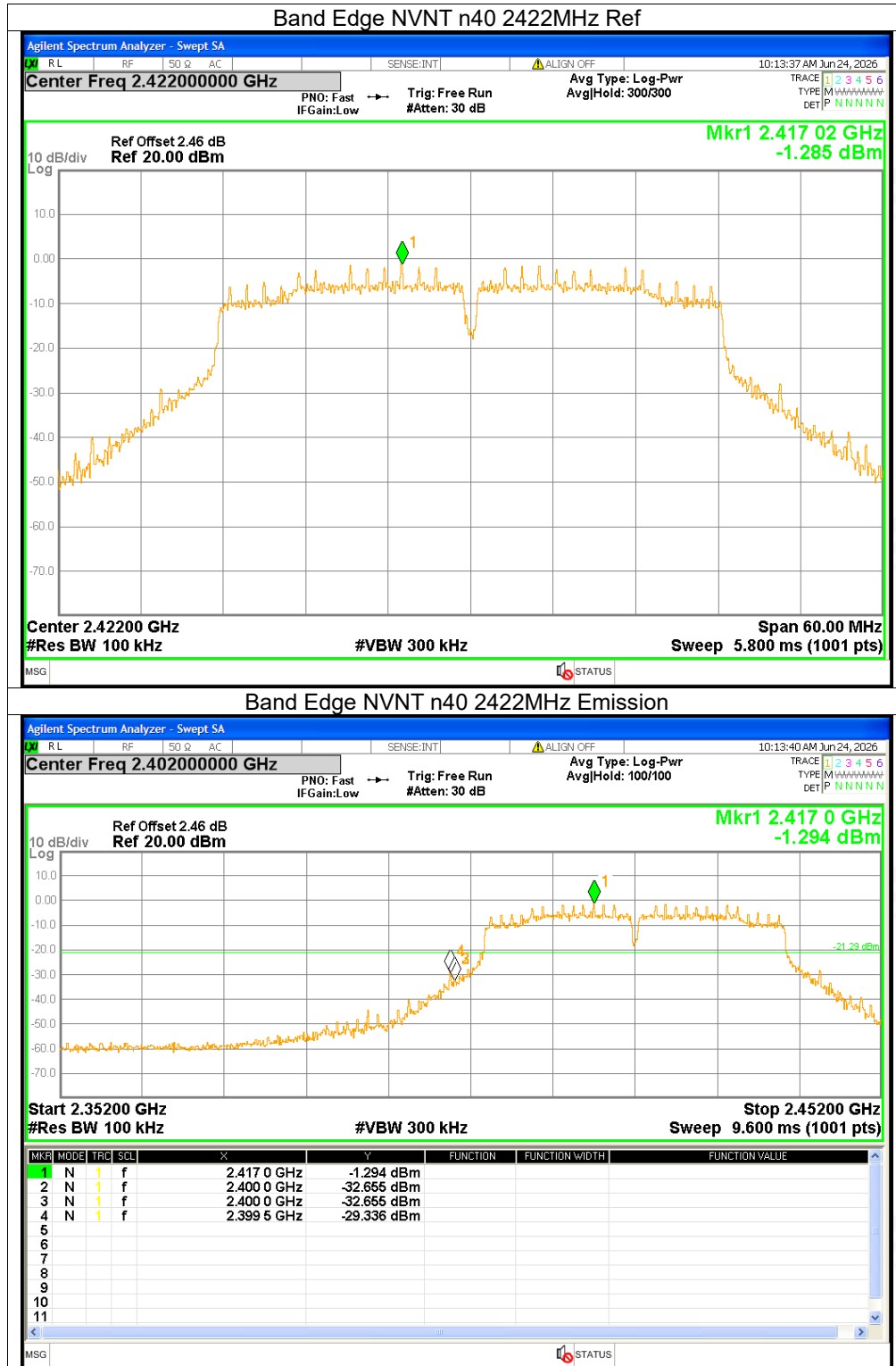


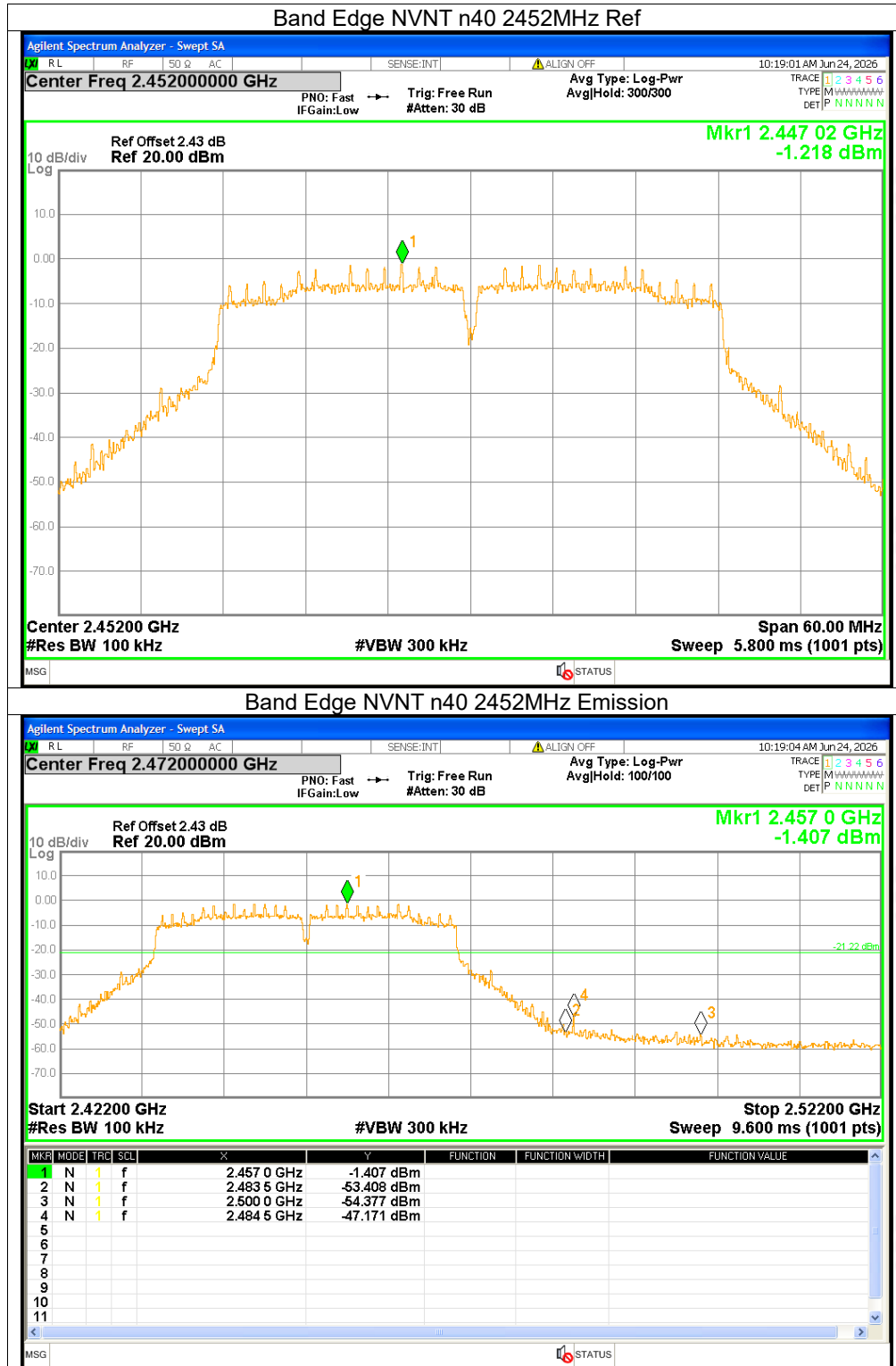








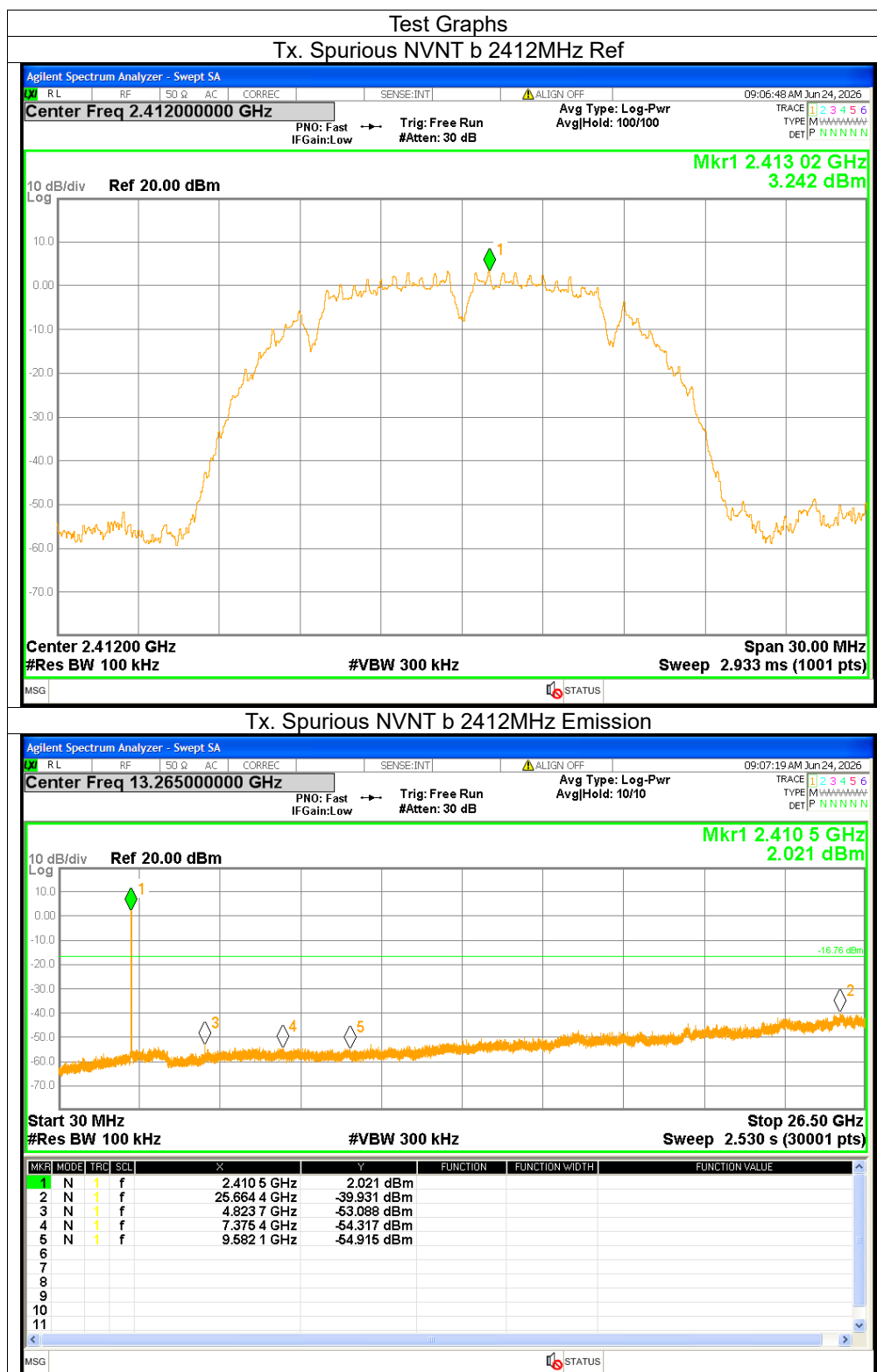


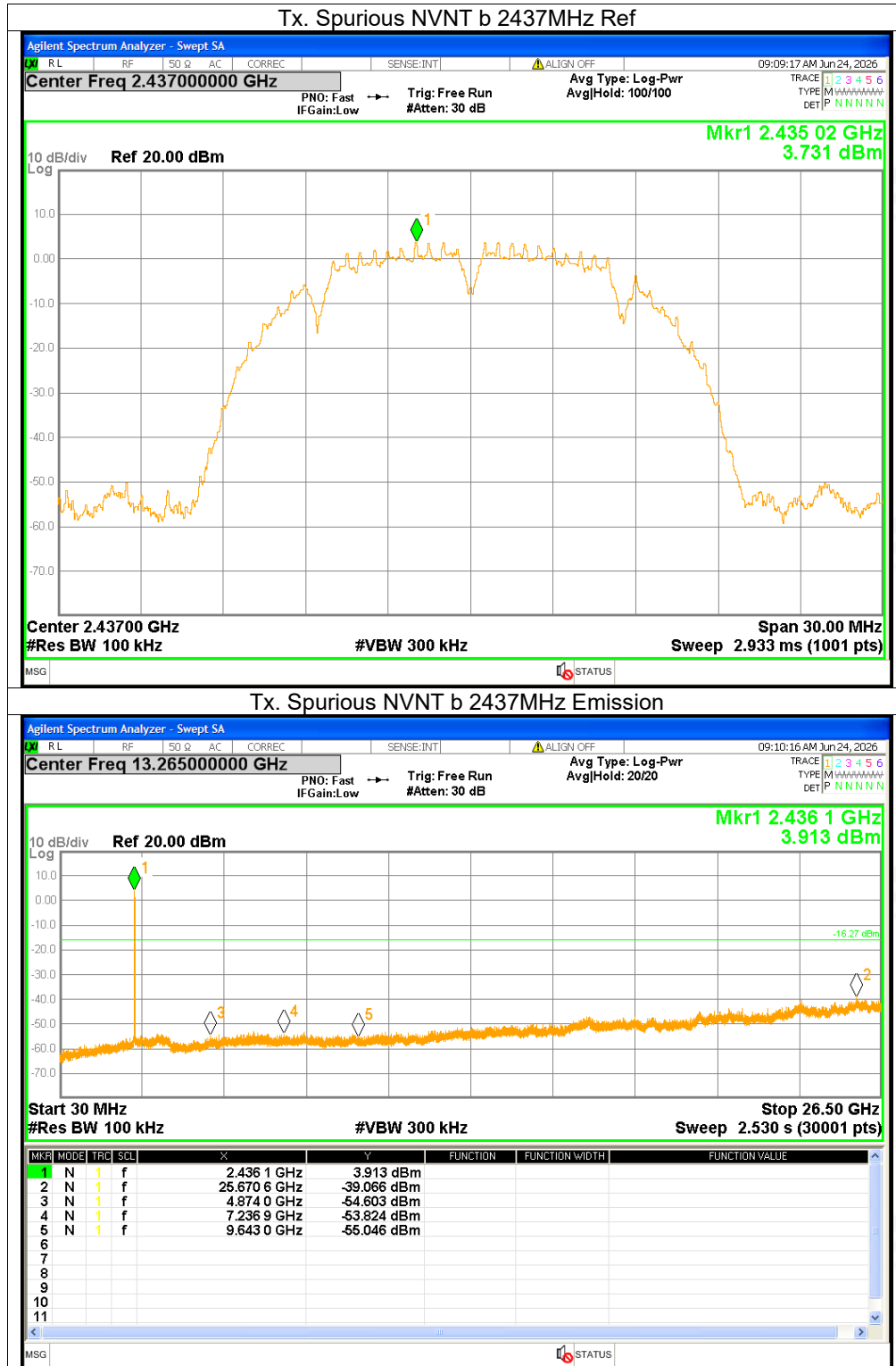


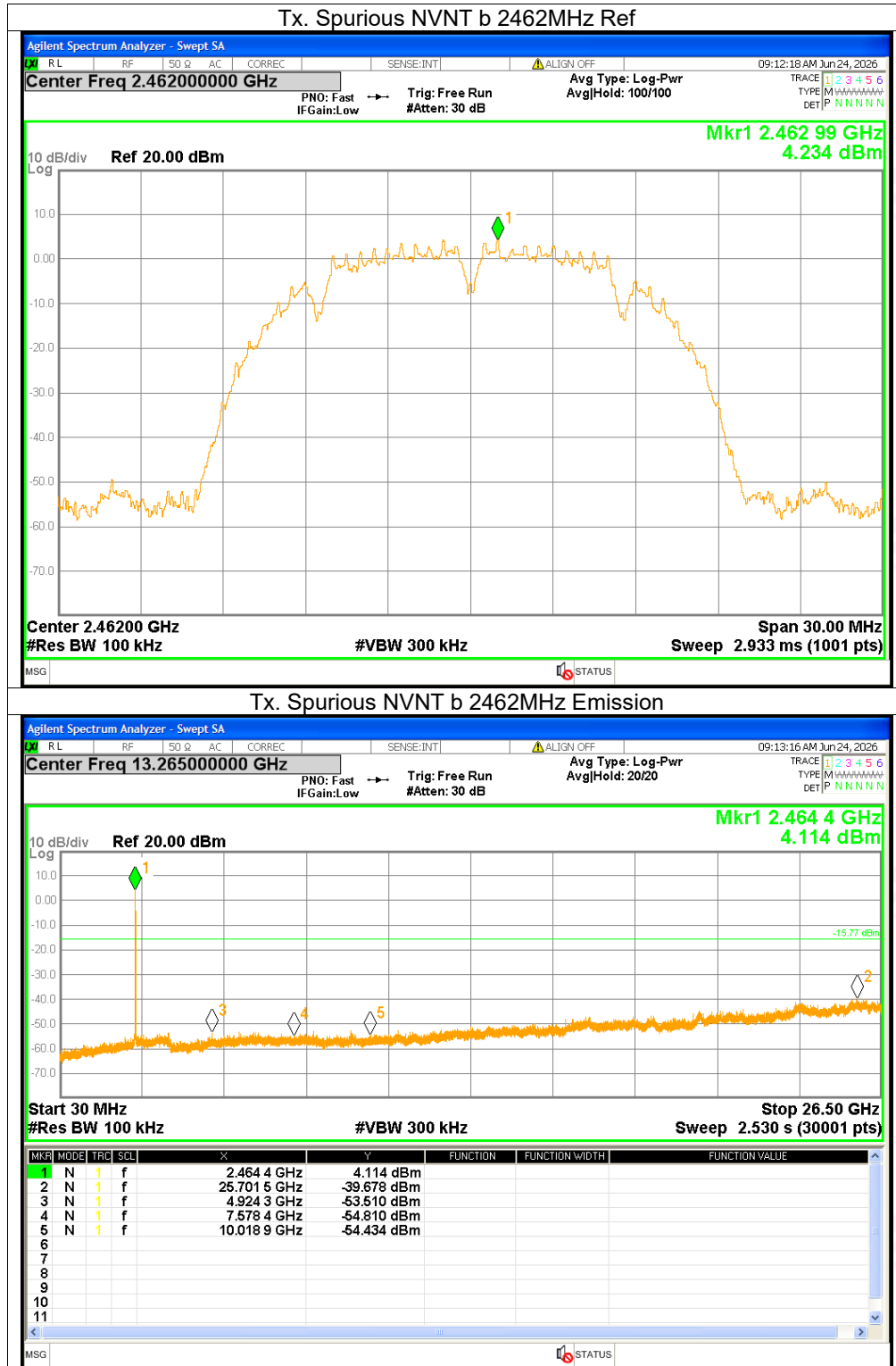


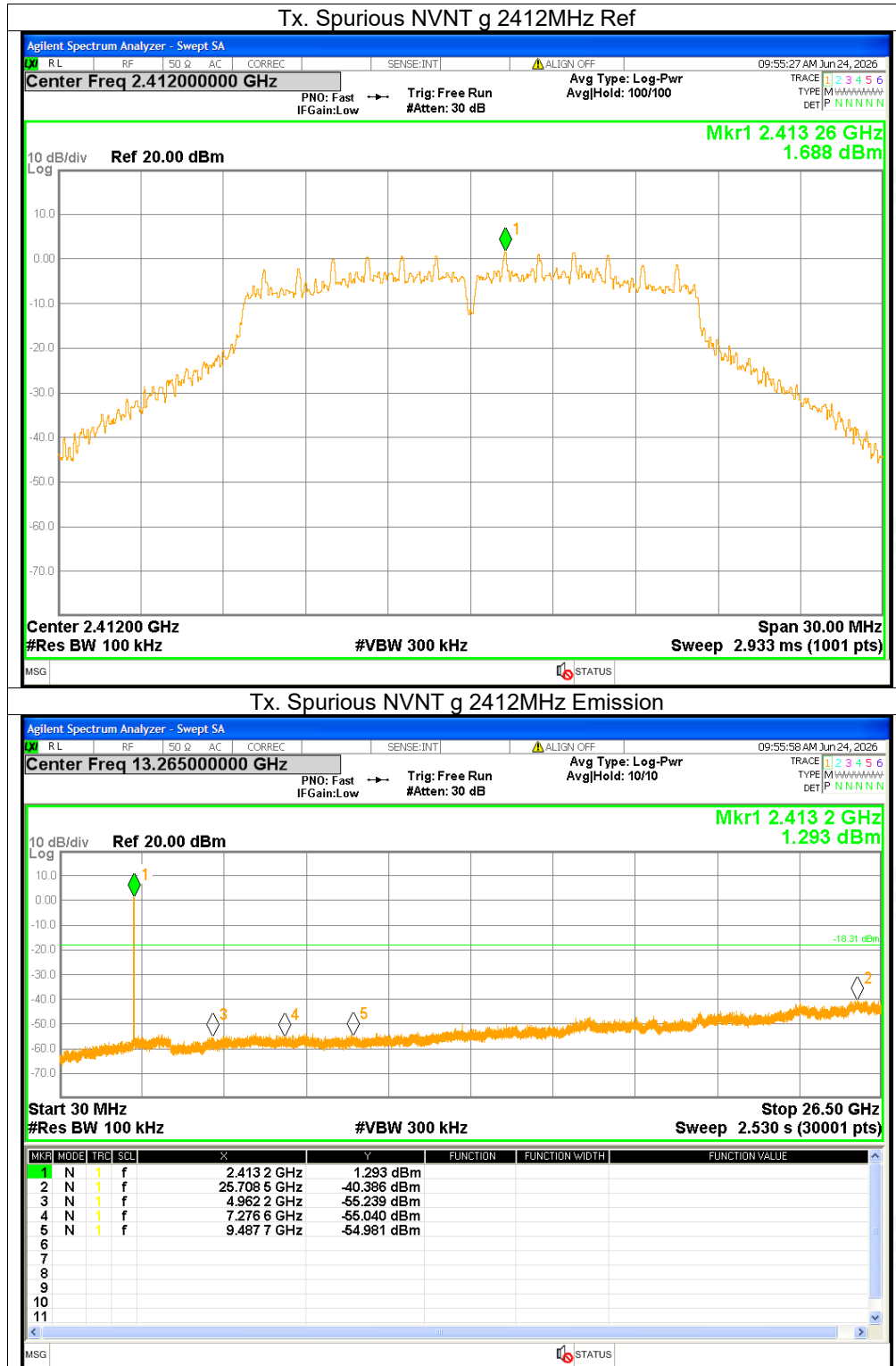
Conducted RF Spurious Emission

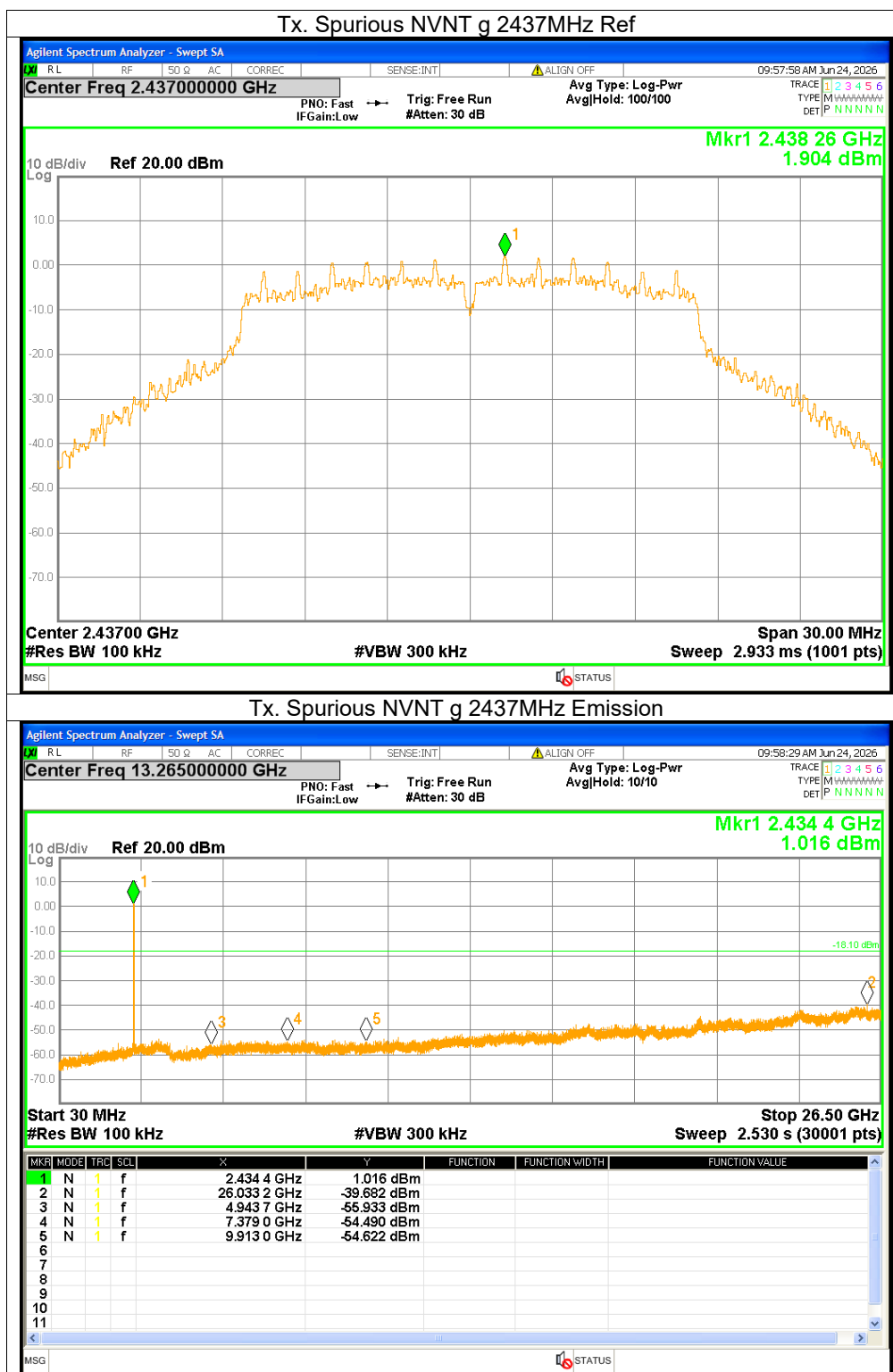
Condition	Mode	Frequency (MHz)	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	-43.17	<=-20	Pass
NVNT	b	2437	-42.79	<=-20	Pass
NVNT	b	2462	-43.9	<=-20	Pass
NVNT	g	2412	-42.07	<=-20	Pass
NVNT	g	2437	-41.58	<=-20	Pass
NVNT	g	2462	-41.53	<=-20	Pass
NVNT	n20	2412	-41.72	<=-20	Pass
NVNT	n20	2437	-41.86	<=-20	Pass
NVNT	n20	2462	-42.09	<=-20	Pass
NVNT	n40	2422	-37.77	<=-20	Pass
NVNT	n40	2437	-38.72	<=-20	Pass
NVNT	n40	2452	-38.64	<=-20	Pass

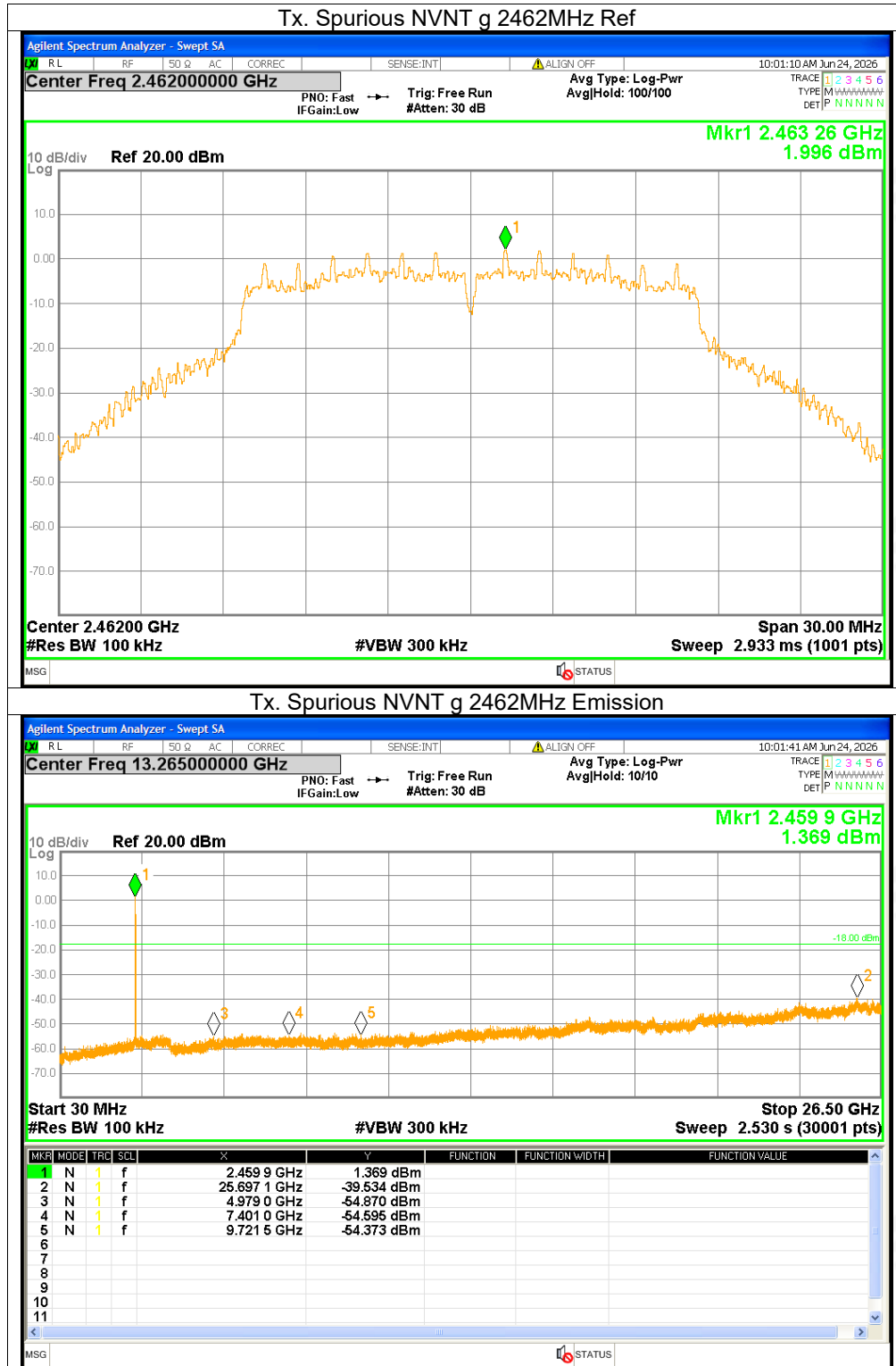


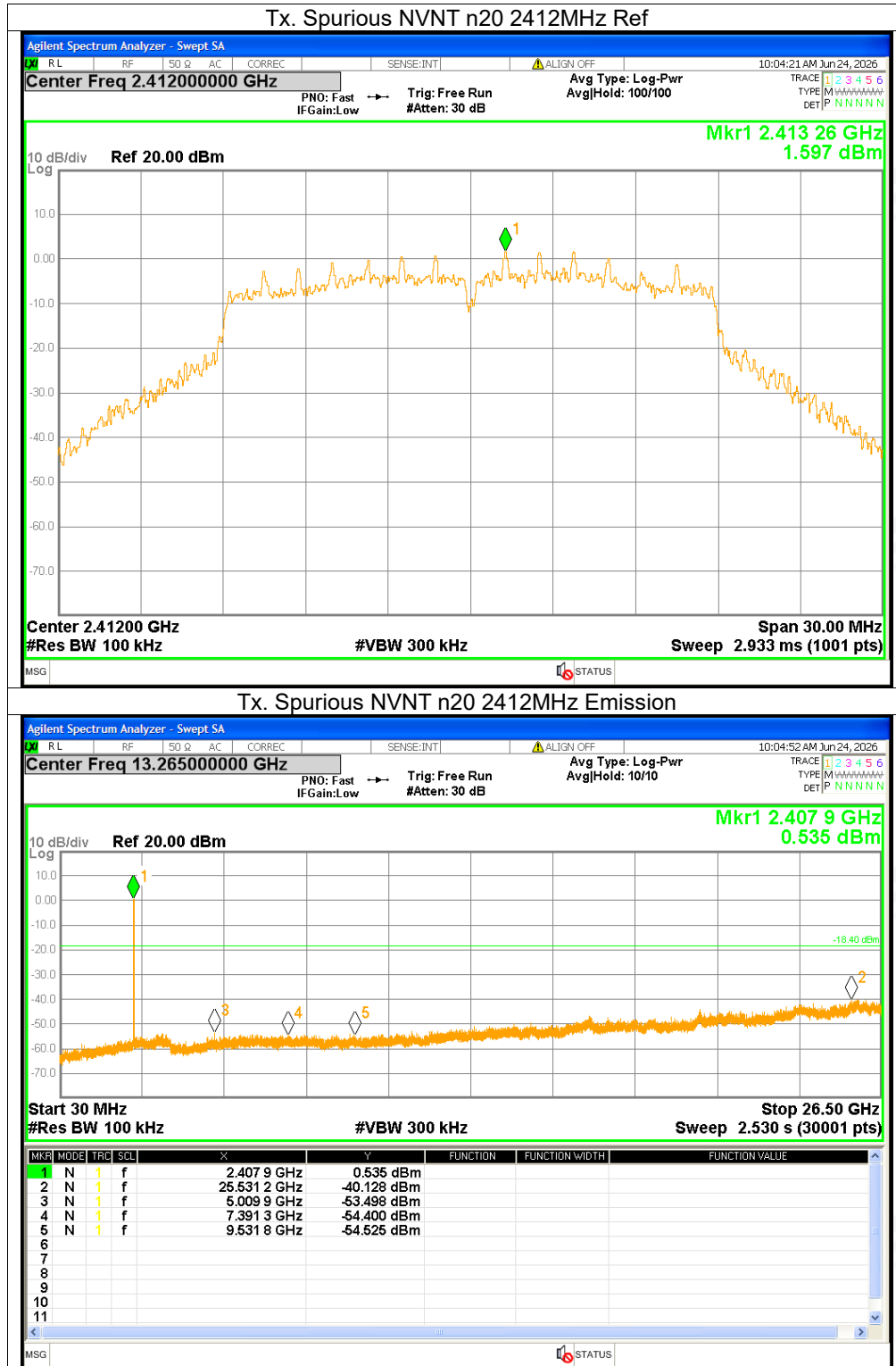






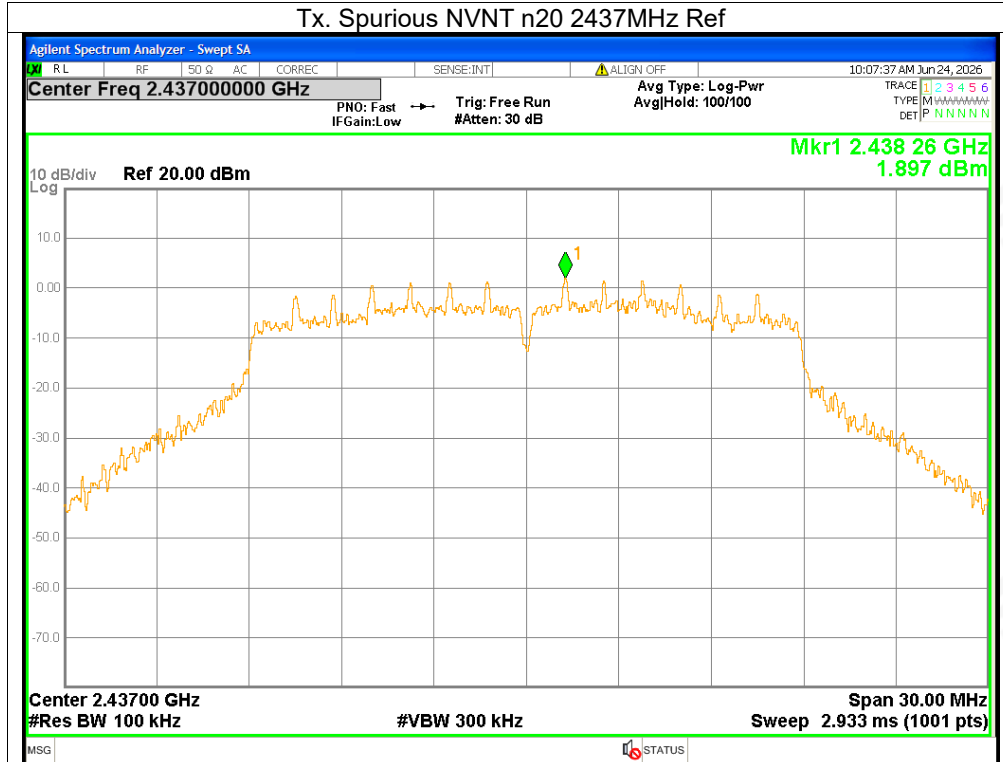




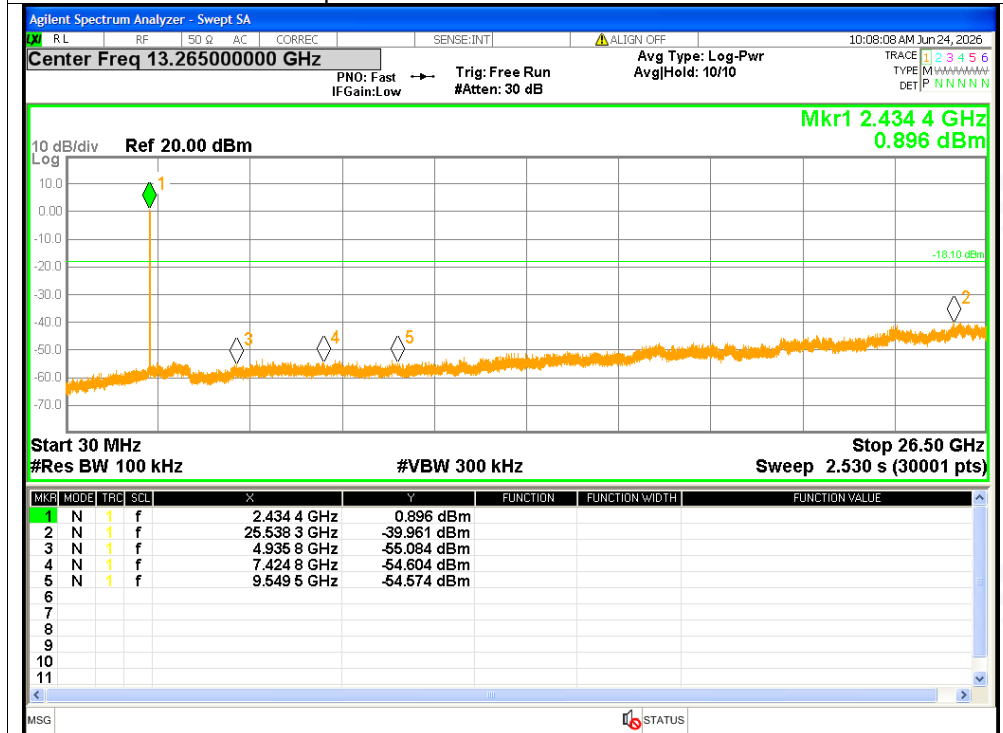




Tx. Spurious NVNT n20 2437MHz Ref

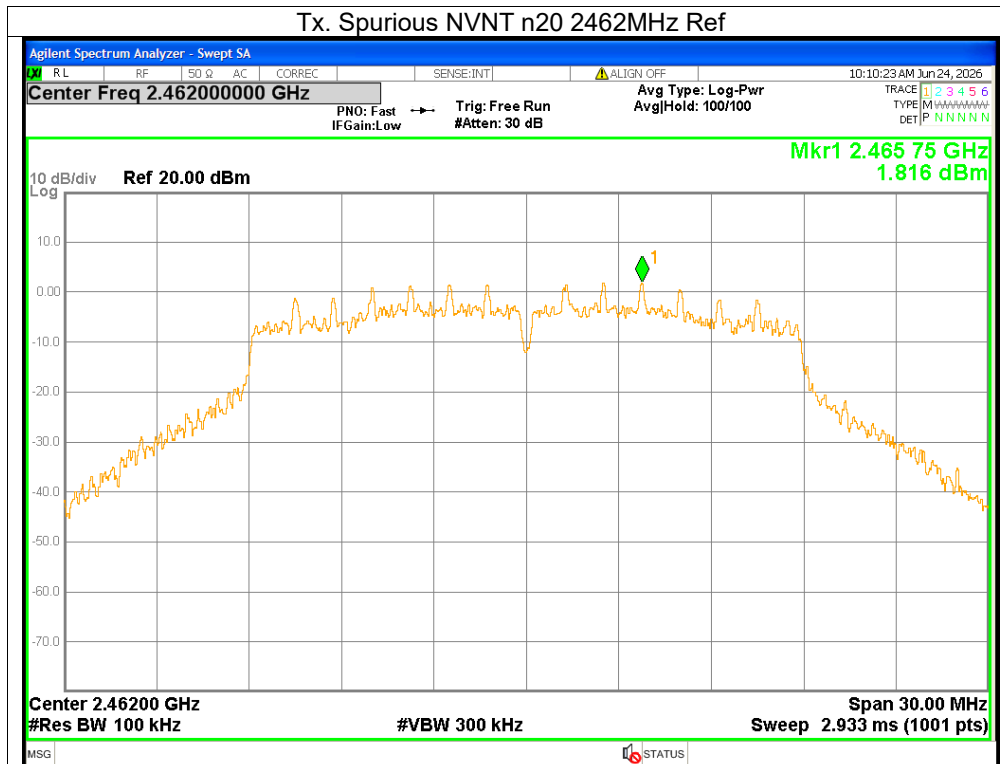


Tx. Spurious NVNT n20 2437MHz Emission

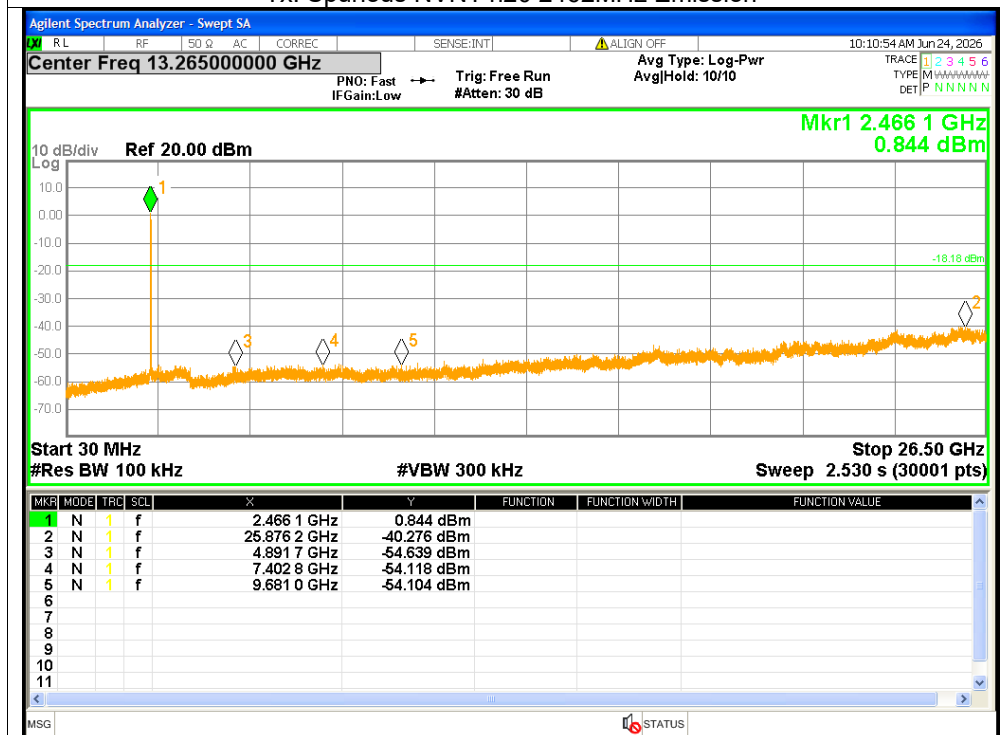




Tx. Spurious NVNT n20 2462MHz Ref

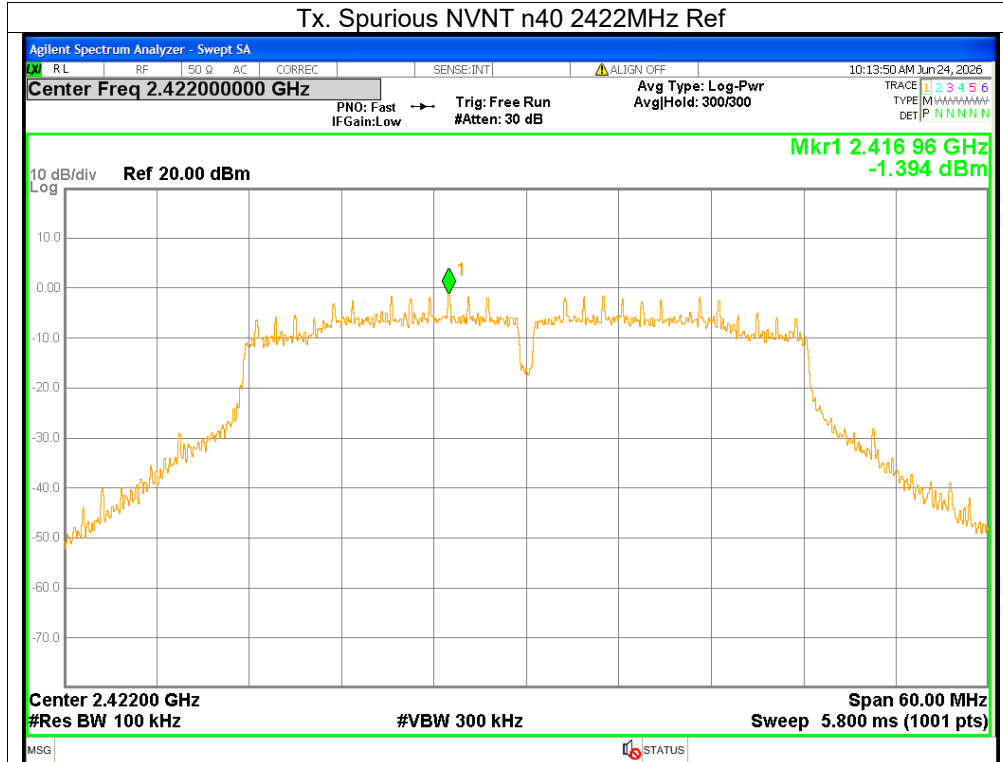


Tx. Spurious NVNT n20 2462MHz Emission

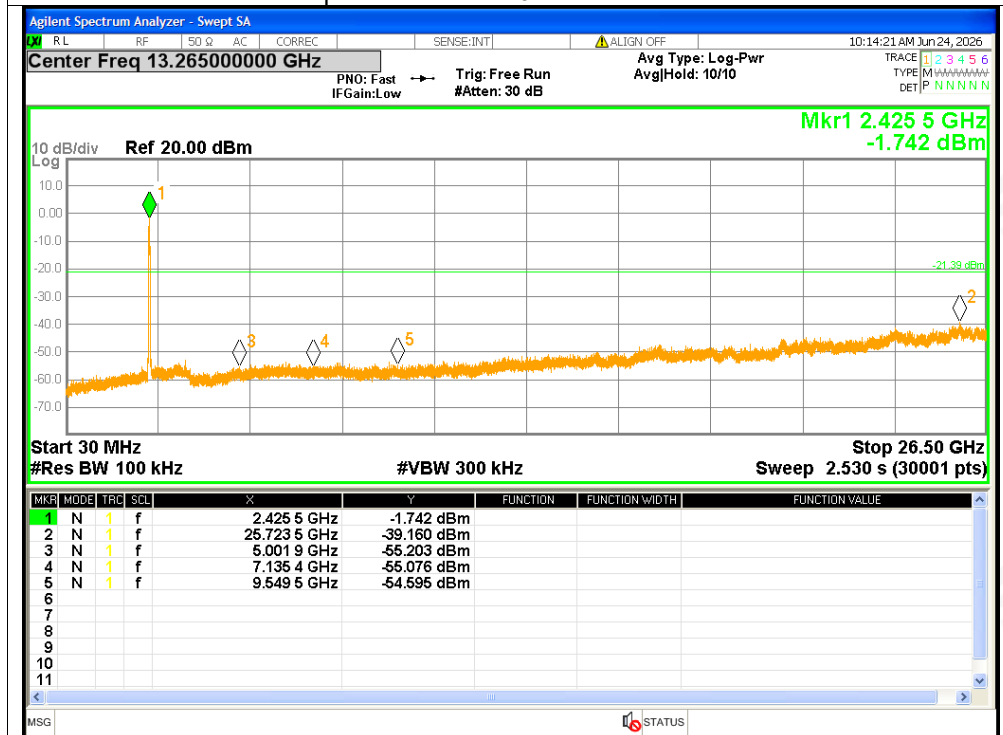




Tx. Spurious NVNT n40 2422MHz Ref

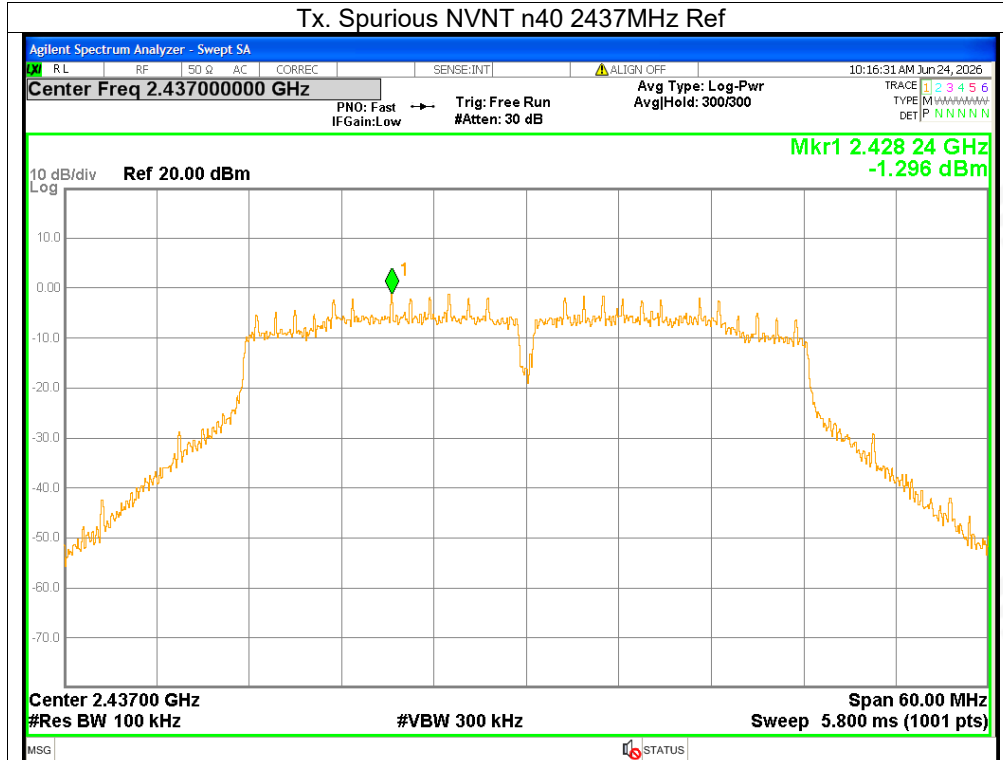


Tx. Spurious NVNT n40 2422MHz Emission

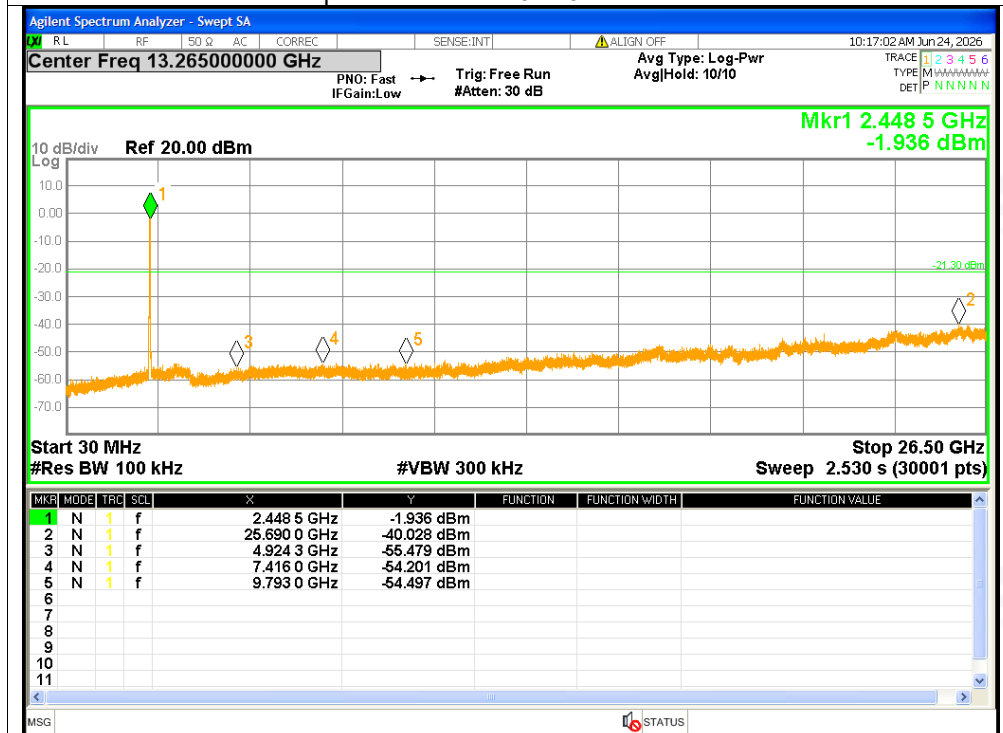


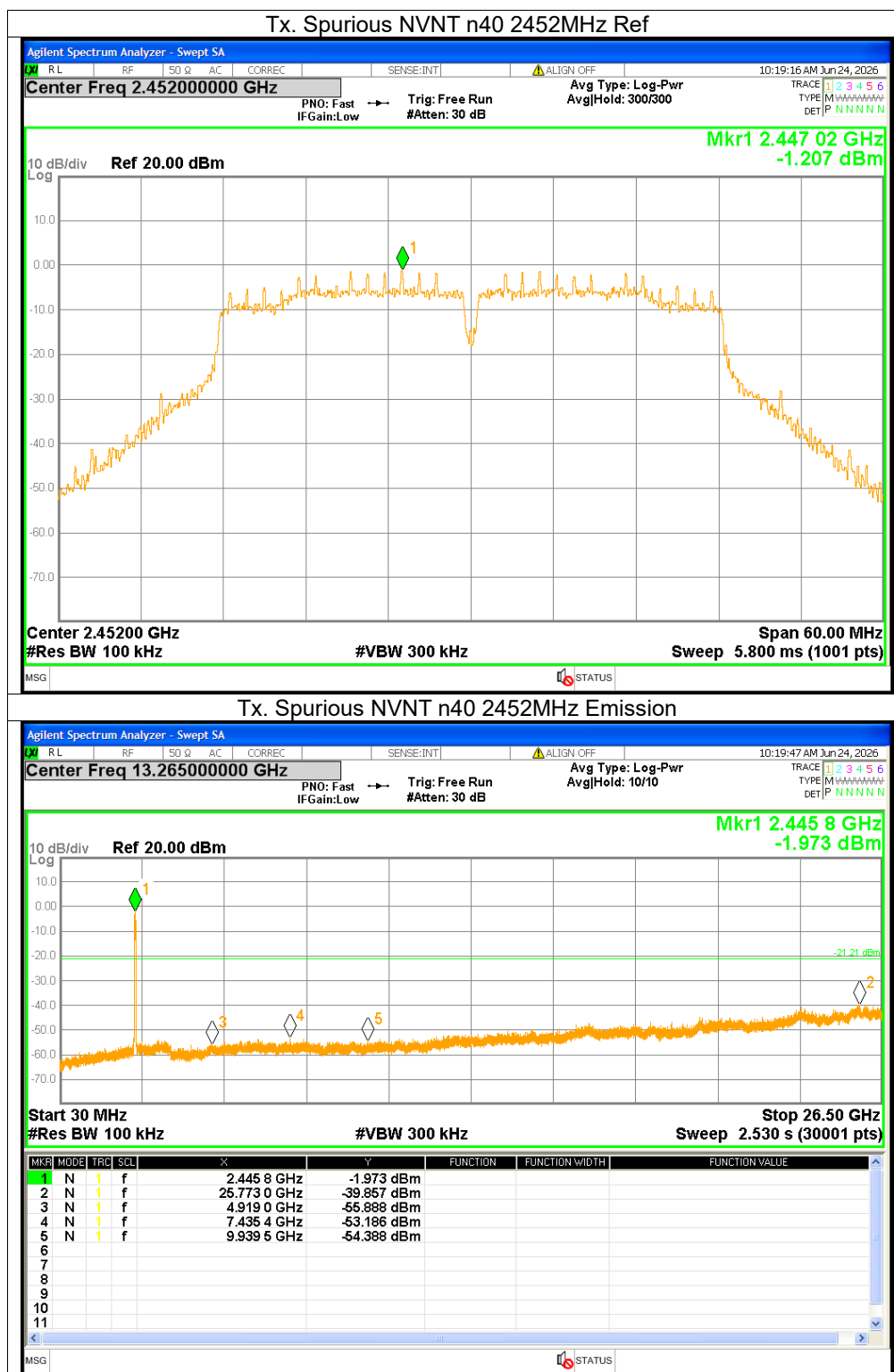


Tx. Spurious NVNT n40 2437MHz Ref



Tx. Spurious NVNT n40 2437MHz Emission

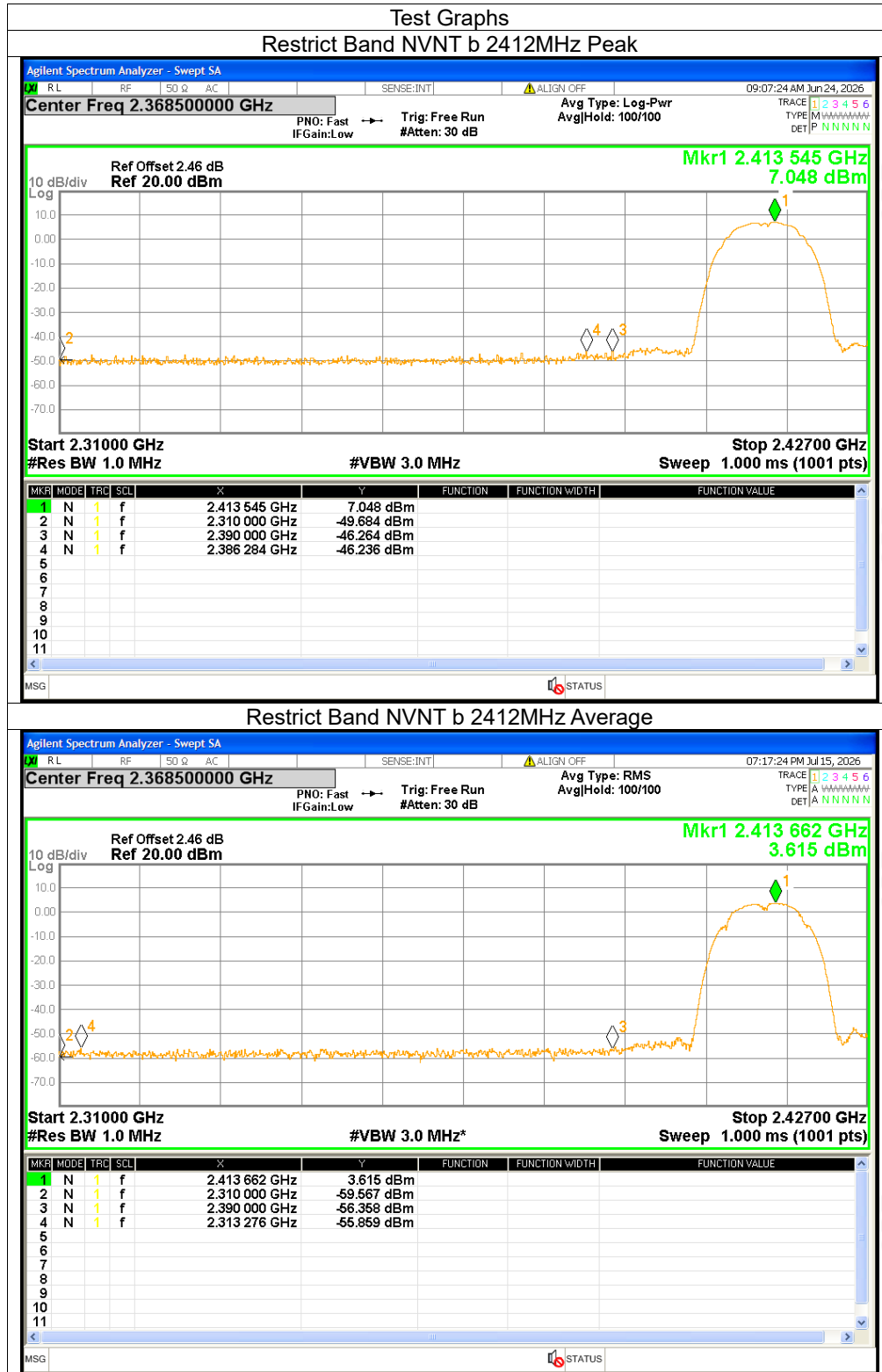






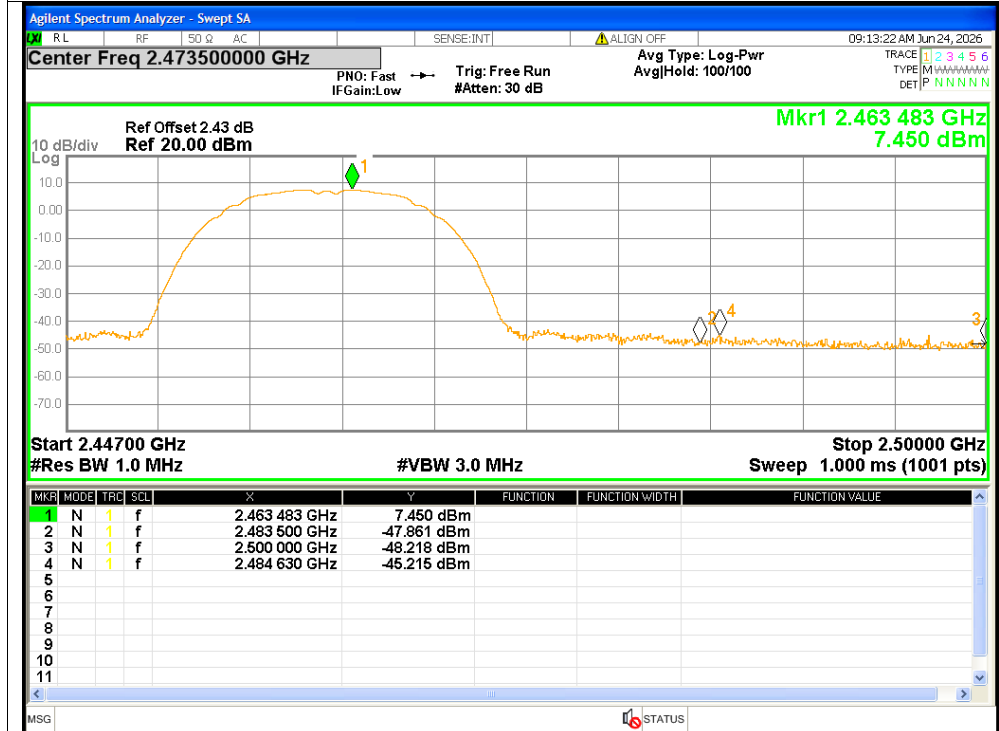
Restrict Band

Condition	Mode	Frequency (MHz)	Spur Freq (MHz)	Power (dBm)	Gain (dBi)	E (dBuV/m)	Detector	Limit (dBuV/m)	Verdict
NVNT	b	2412	2310	-49.68	2	47.58	Peak	<=74	Pass
NVNT	b	2412	2310	-60.08	2	37.18	Average	<=54	Pass
NVNT	b	2412	2386.284	-46.23	2	51.03	Peak	<=74	Pass
NVNT	b	2412	2385.816	-57.09	2	40.17	Average	<=54	Pass
NVNT	b	2412	2390	-46.26	2	51	Peak	<=74	Pass
NVNT	b	2412	2390	-58.51	2	38.75	Average	<=54	Pass
NVNT	b	2462	2483.5	-47.86	2	49.4	Peak	<=74	Pass
NVNT	b	2462	2483.5	-57.64	2	39.62	Average	<=54	Pass
NVNT	b	2462	2484.63	-45.21	2	52.05	Peak	<=74	Pass
NVNT	b	2462	2485.107	-56.72	2	40.54	Average	<=54	Pass
NVNT	b	2462	2500	-48.21	2	49.05	Peak	<=74	Pass
NVNT	b	2462	2500	-58.53	2	38.73	Average	<=54	Pass
NVNT	g	2412	2310	-50.25	2	47.01	Peak	<=74	Pass
NVNT	g	2412	2310	-58.64	2	38.62	Average	<=54	Pass
NVNT	g	2412	2370.021	-46.84	2	50.42	Peak	<=74	Pass
NVNT	g	2412	2388.273	-56.64	2	40.62	Average	<=54	Pass
NVNT	g	2412	2390	-49.47	2	47.79	Peak	<=74	Pass
NVNT	g	2412	2390	-57.05	2	40.21	Average	<=54	Pass
NVNT	g	2462	2483.5	-47.55	2	49.71	Peak	<=74	Pass
NVNT	g	2462	2483.5	-56.32	2	40.94	Average	<=54	Pass
NVNT	g	2462	2488.393	-45.9	2	51.36	Peak	<=74	Pass
NVNT	g	2462	2484.047	-55.99	2	41.27	Average	<=54	Pass
NVNT	g	2462	2500	-50.68	2	46.58	Peak	<=74	Pass
NVNT	g	2462	2500	-57.3	2	39.96	Average	<=54	Pass
NVNT	n20	2412	2310	-49.39	2	47.87	Peak	<=74	Pass
NVNT	n20	2412	2310	-58.31	2	38.95	Average	<=54	Pass
NVNT	n20	2412	2389.209	-46.75	2	50.51	Peak	<=74	Pass
NVNT	n20	2412	2389.443	-56.63	2	40.63	Average	<=54	Pass
NVNT	n20	2412	2390	-49.29	2	47.97	Peak	<=74	Pass
NVNT	n20	2412	2390	-56.99	2	40.27	Average	<=54	Pass
NVNT	n20	2462	2483.5	-45.53	2	51.73	Peak	<=74	Pass
NVNT	n20	2462	2483.5	-56.31	2	40.95	Average	<=54	Pass
NVNT	n20	2462	2483.835	-45.41	2	51.85	Peak	<=74	Pass
NVNT	n20	2462	2483.623	-55.89	2	41.37	Average	<=54	Pass
NVNT	n20	2462	2500	-49.19	2	48.07	Peak	<=74	Pass
NVNT	n20	2462	2500	-57.27	2	39.99	Average	<=54	Pass
NVNT	n40	2422	2310	-50.37	2	46.89	Peak	<=74	Pass
NVNT	n40	2422	2310	-58.32	2	38.94	Average	<=54	Pass
NVNT	n40	2422	2385.118	-41.69	2	55.57	Peak	<=74	Pass
NVNT	n40	2422	2389.804	-50.55	2	46.71	Average	<=54	Pass
NVNT	n40	2422	2390	-41.98	2	55.28	Peak	<=74	Pass
NVNT	n40	2422	2390	-50.99	2	46.27	Average	<=54	Pass
NVNT	n40	2452	2483.5	-43.92	2	53.34	Peak	<=74	Pass
NVNT	n40	2452	2483.5	-51.81	2	45.45	Average	<=54	Pass
NVNT	n40	2452	2486.74	-42.45	2	54.81	Peak	<=74	Pass
NVNT	n40	2452	2483.698	-51.77	2	45.49	Average	<=54	Pass
NVNT	n40	2452	2500	-47.3	2	49.96	Peak	<=74	Pass
NVNT	n40	2452	2500	-56.07	2	40.91	Average	<=54	Pass

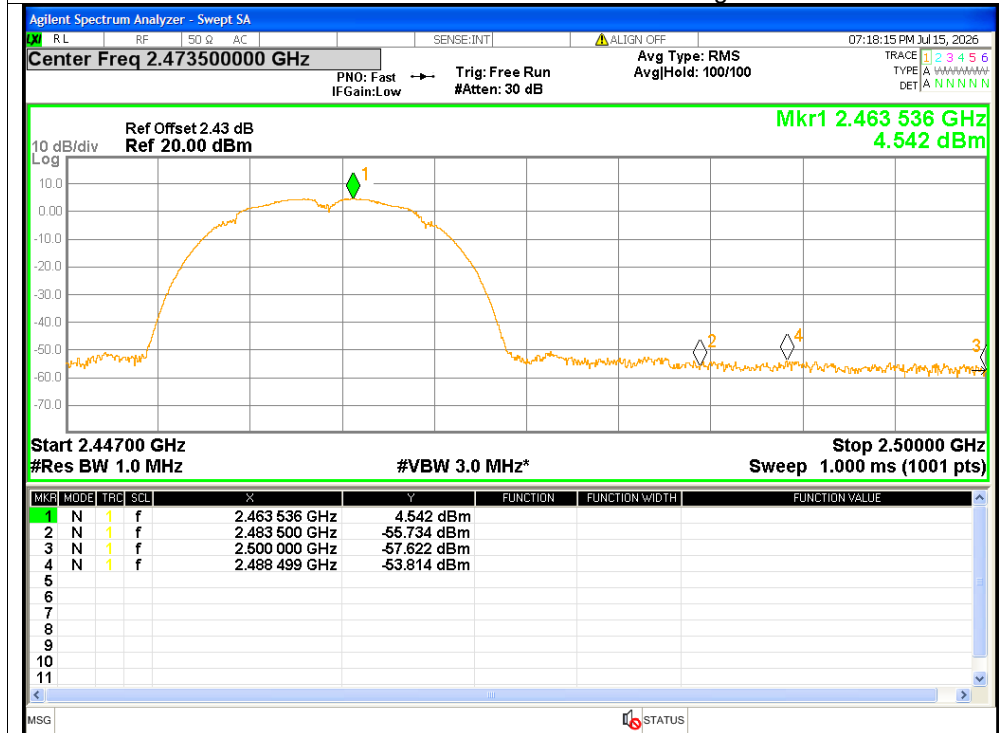




Restrict Band NVNT b 2462MHz Peak

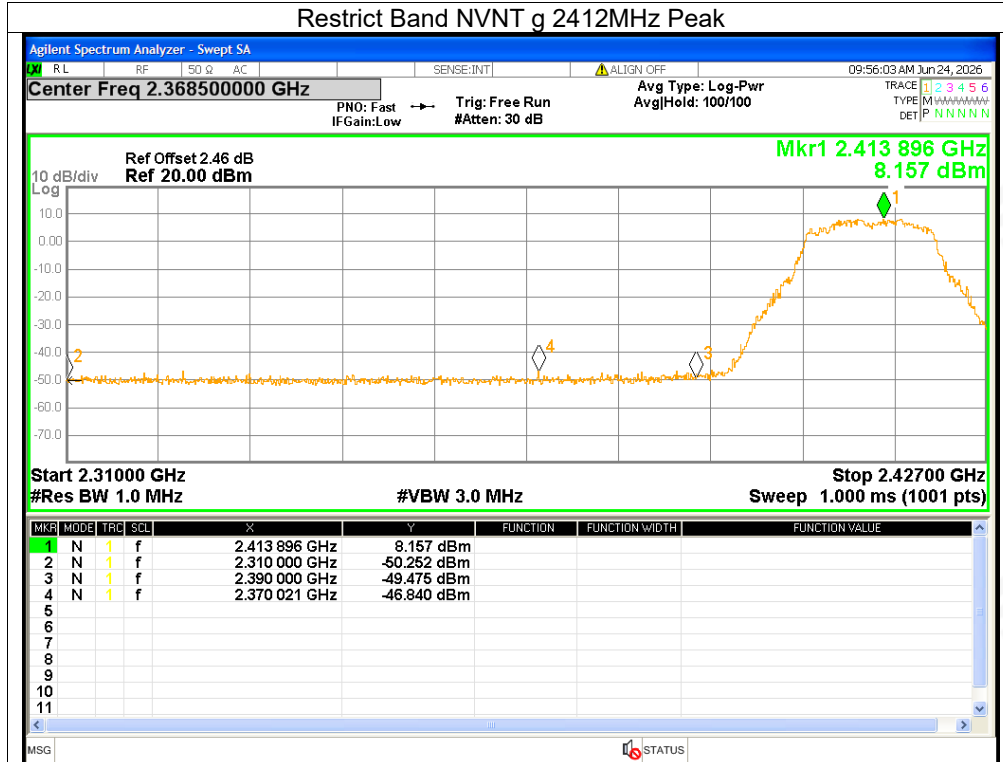


Restrict Band NVNT b 2462MHz Average

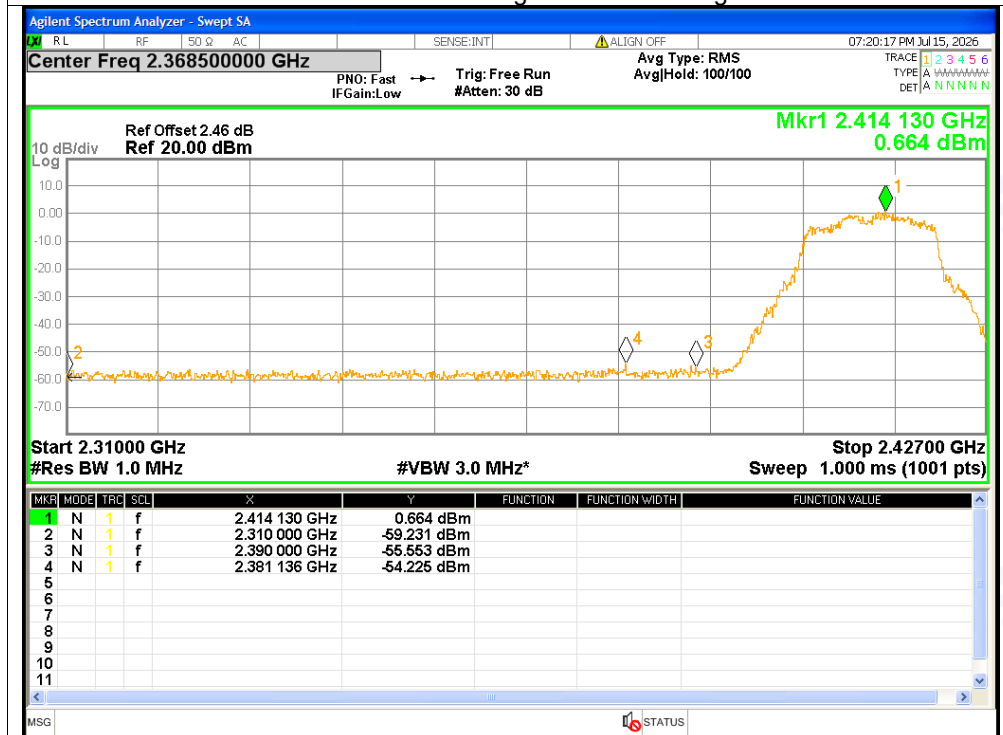


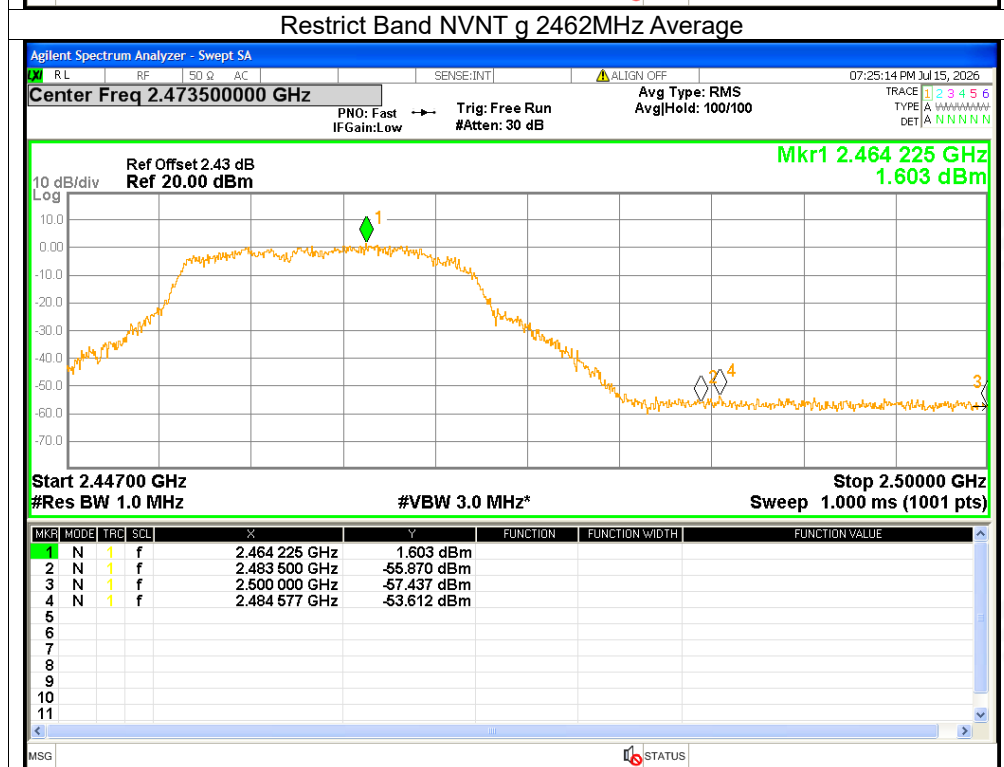
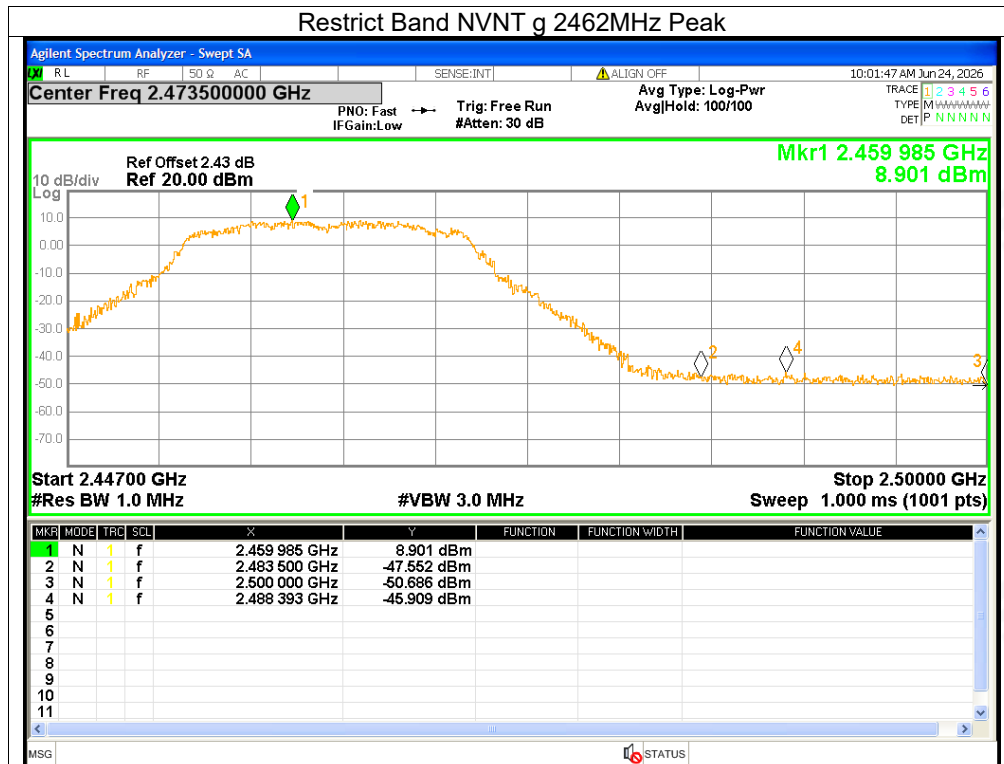


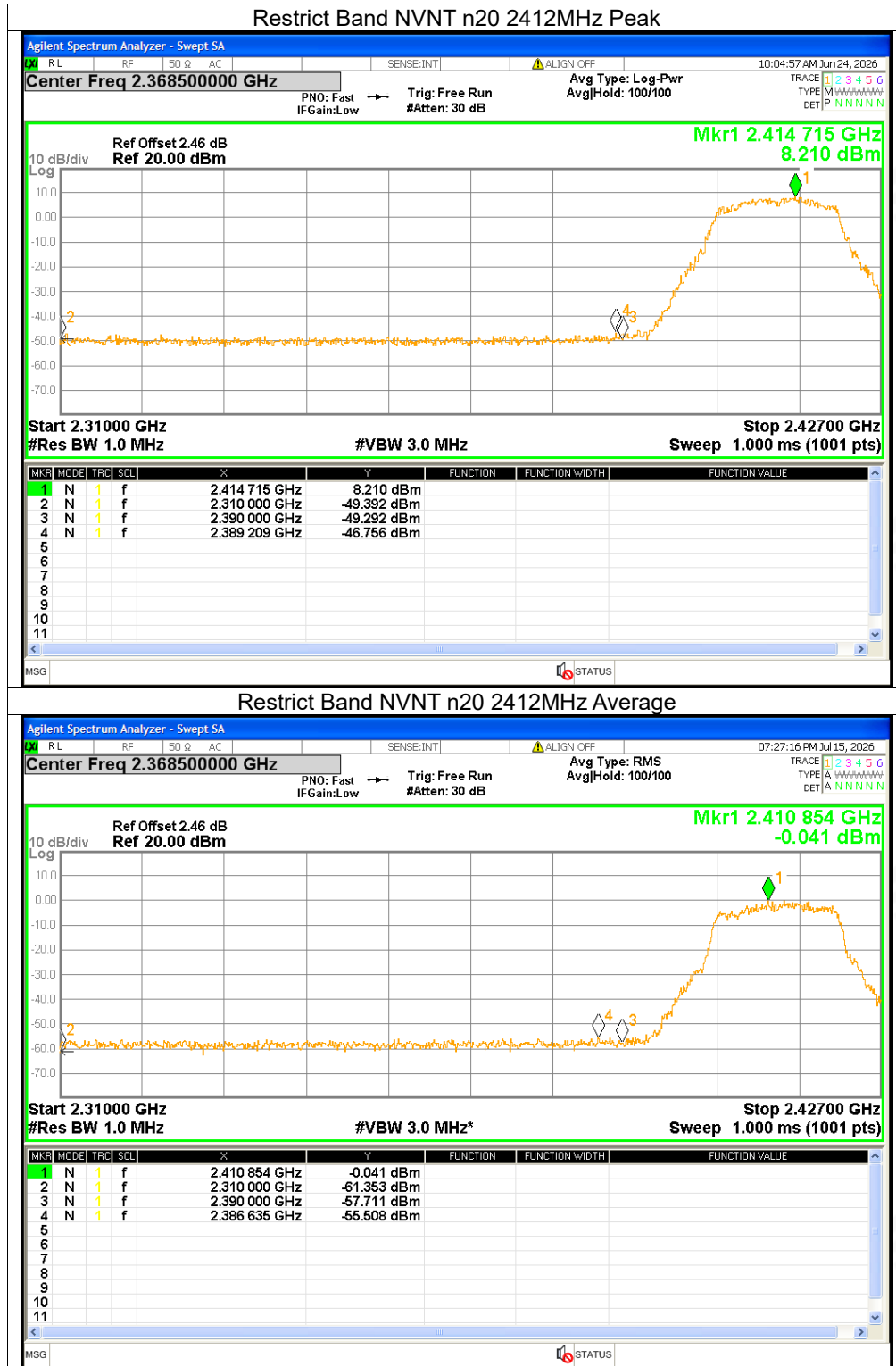
Restrict Band NVNT g 2412MHz Peak



Restrict Band NVNT g 2412MHz Average

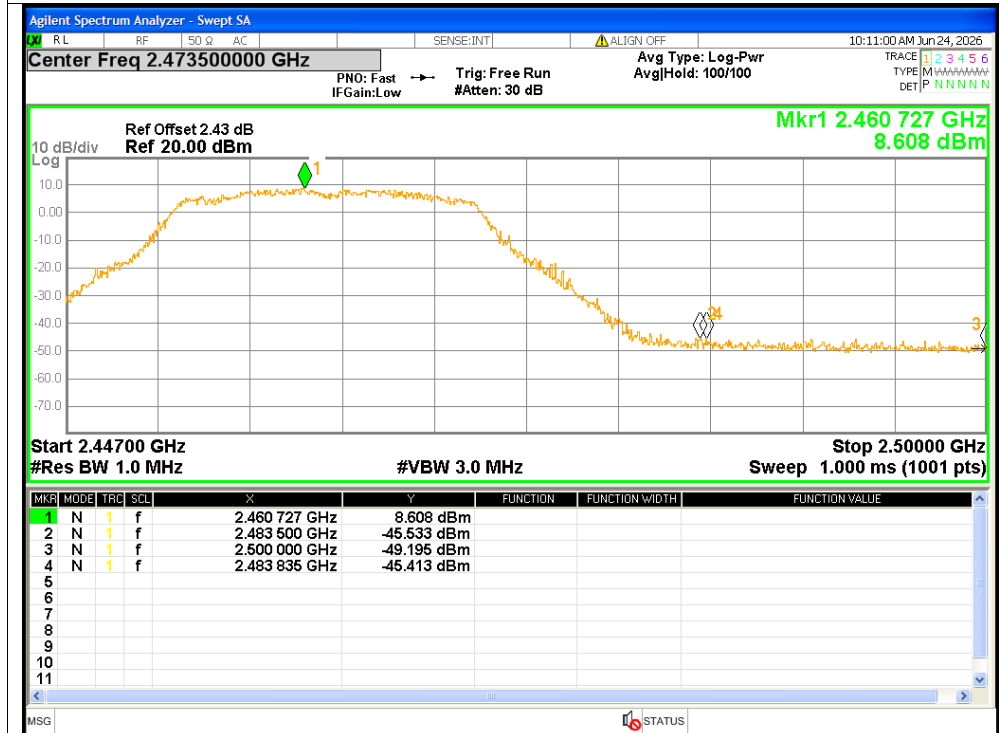




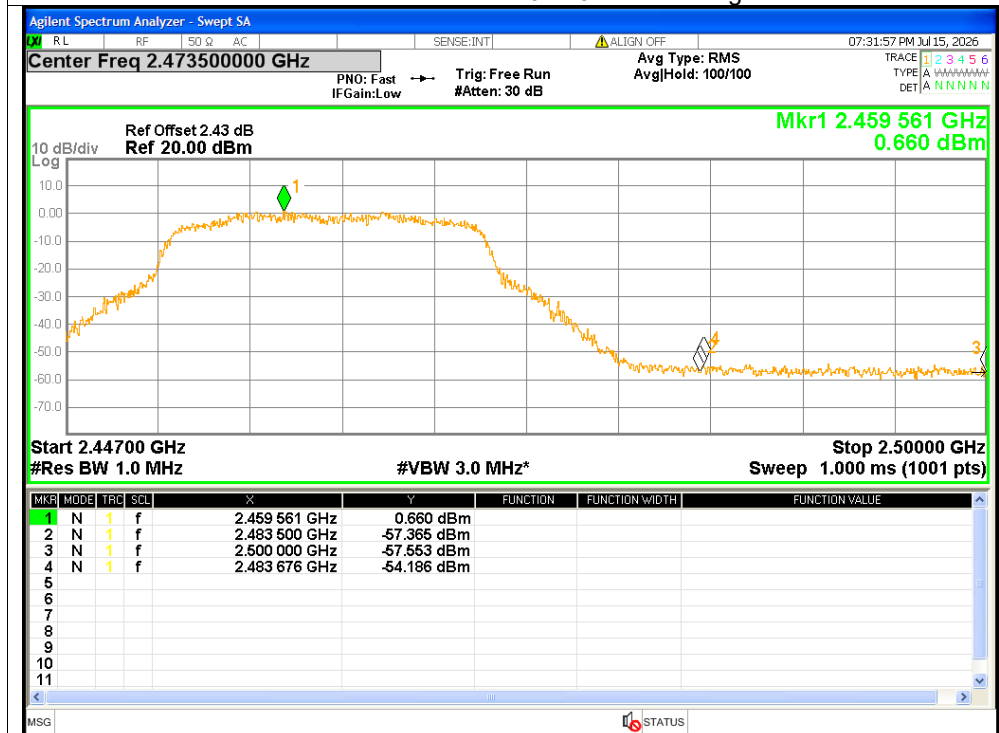




Restrict Band NVNT n20 2462MHz Peak

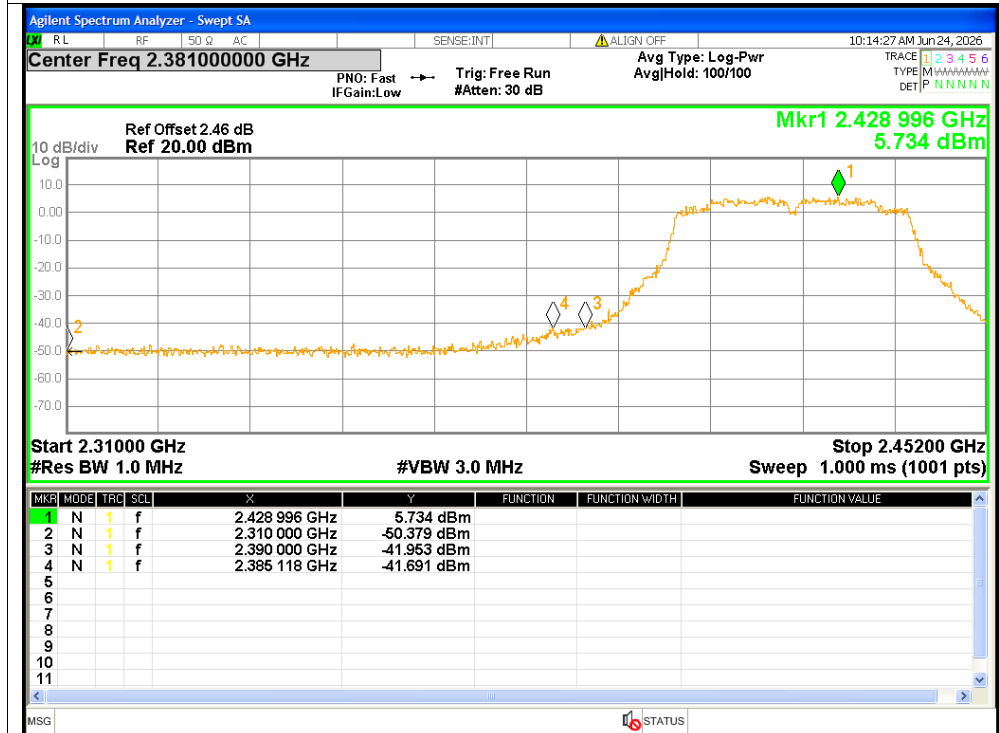


Restrict Band NVNT n20 2462MHz Average

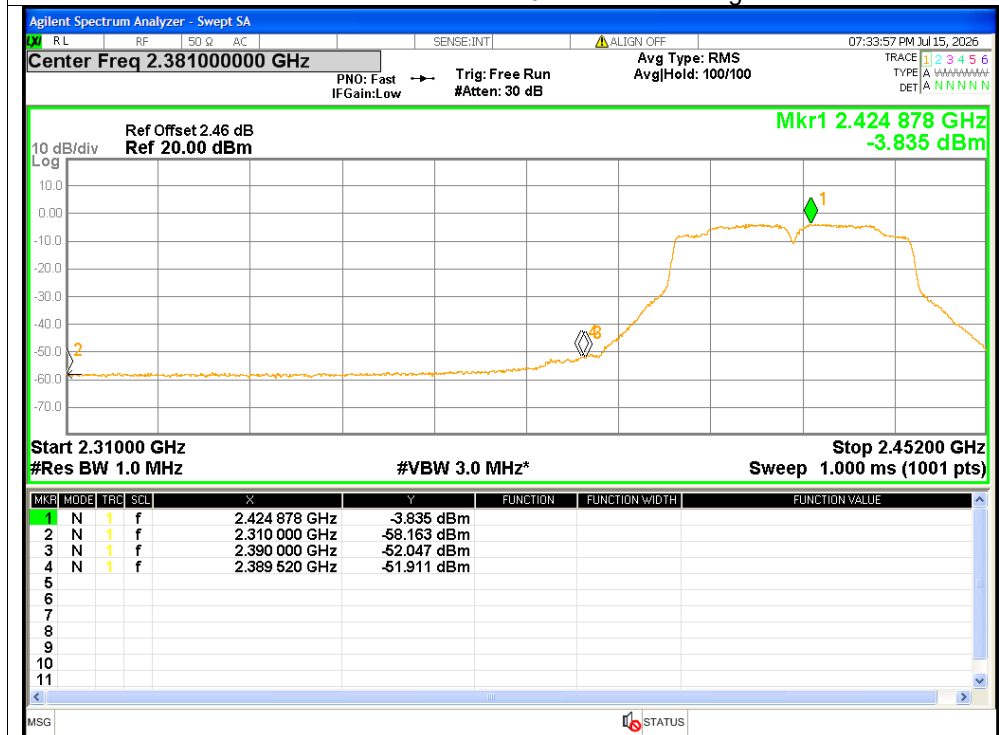




Restrict Band NVNT n40 2422MHz Peak

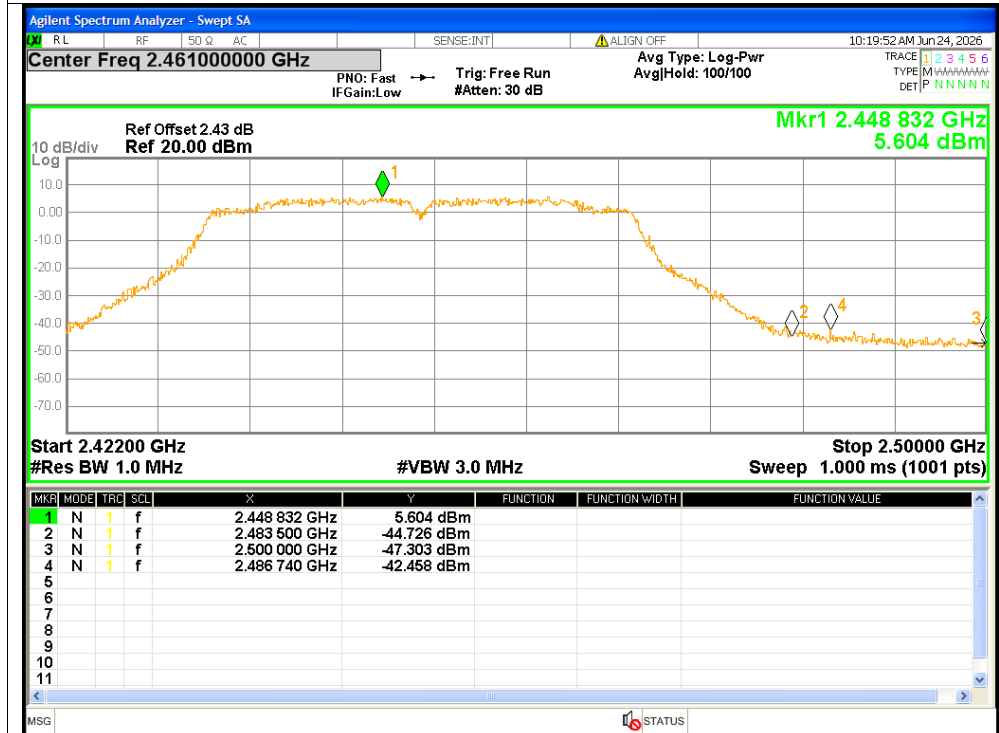


Restrict Band NVNT n40 2422MHz Average

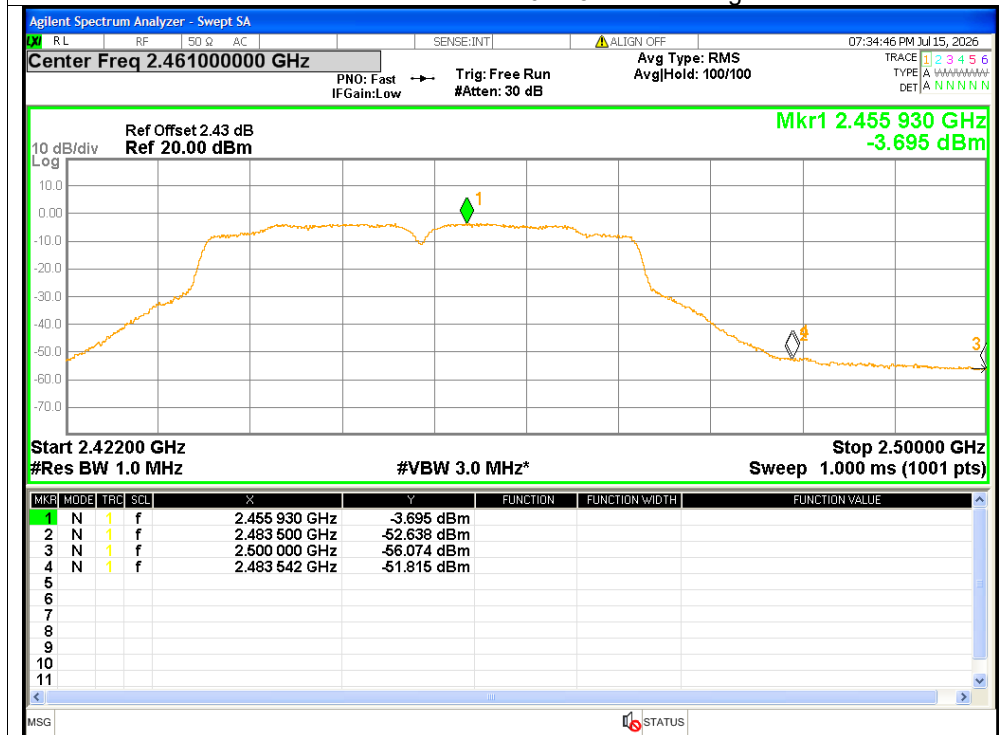




Restrict Band NVNT n40 2452MHz Peak



Restrict Band NVNT n40 2452MHz Average





APPENDIX 2-PHOTOS OF TEST SETUP

Note: See test photos in setup photo document for the actual connections between Product and support equipment.

※※※※※END OF THE REPORT※※※※※