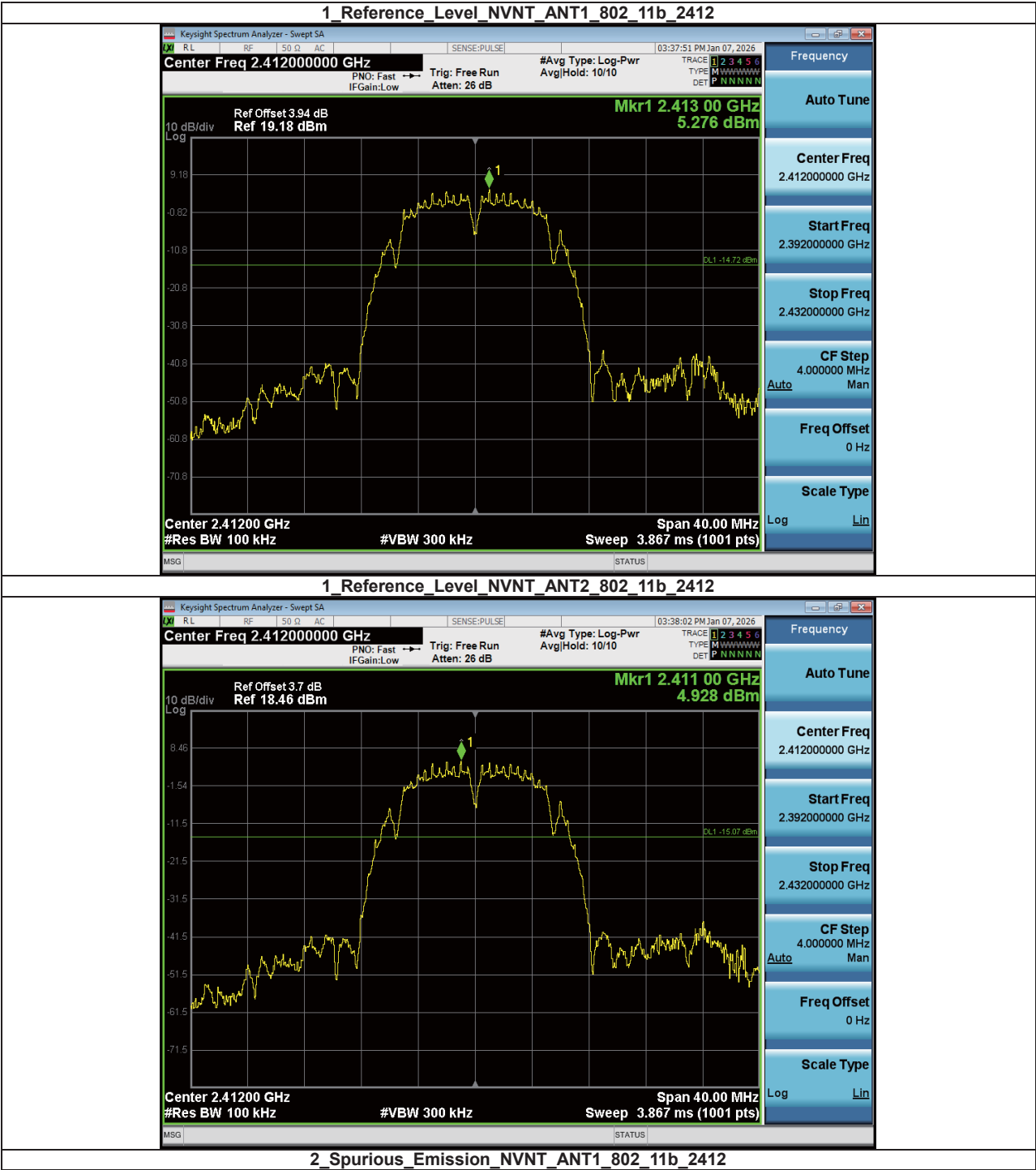
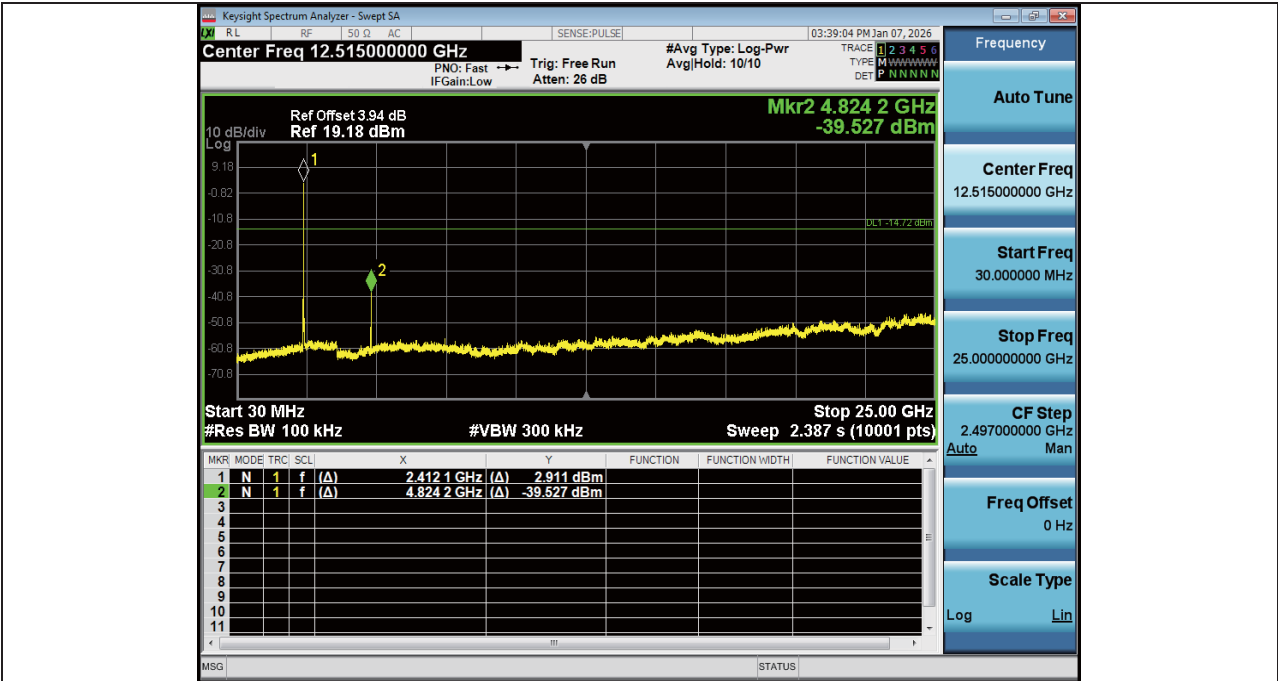


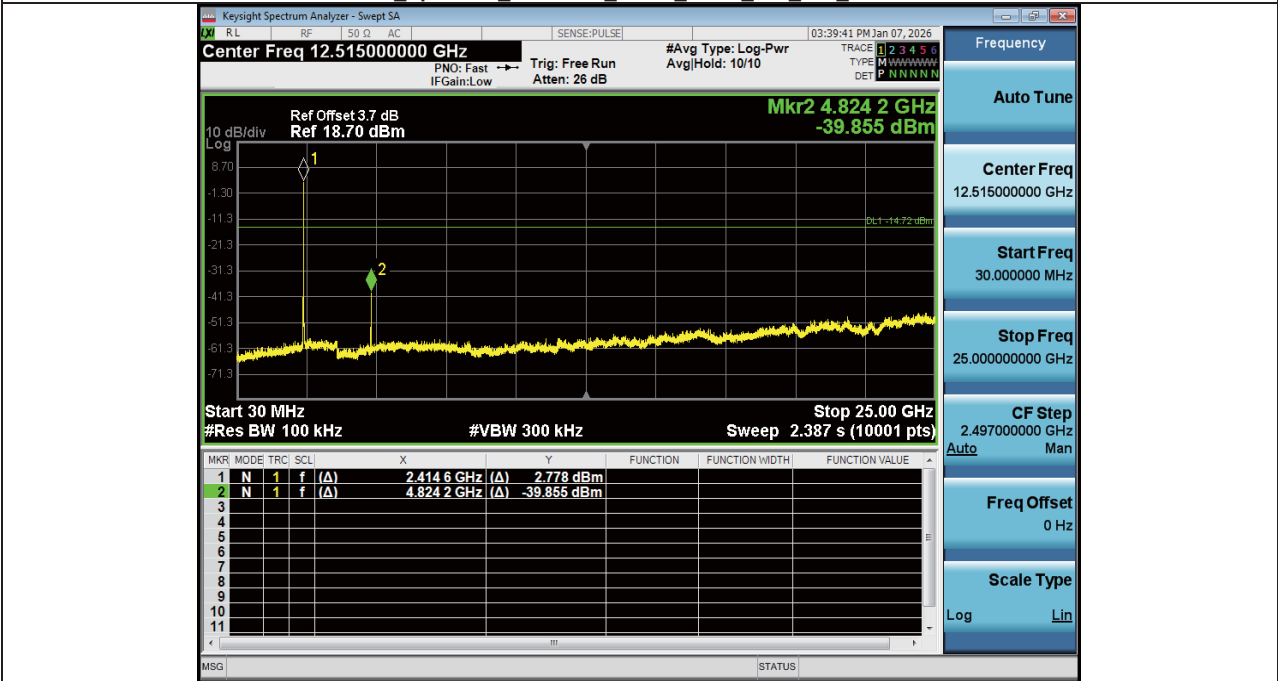
Conducted spurious emission: Pass.

Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark_freq(MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11b	2412.00	4824.240	5.276	-39.527	-14.724	Pass
NVNT	ANT2	802.11b	2412.00	4824.240	5.276	-39.855	-14.724	Pass
NVNT	ANT1	802.11b	2437.00	24592.989	4.156	-43.217	-15.844	Pass
NVNT	ANT2	802.11b	2437.00	24595.486	4.156	-43.746	-15.844	Pass
NVNT	ANT1	802.11b	2462.00	4924.120	3.960	-39.476	-16.040	Pass
NVNT	ANT2	802.11b	2462.00	4924.120	3.960	-39.269	-16.040	Pass
NVNT	ANT1	802.11g	2412.00	24398.223	-1.158	-53.074	-21.158	Pass
NVNT	ANT2	802.11g	2412.00	5186.305	-1.158	-48.419	-21.158	Pass
NVNT	ANT1	802.11g	2437.00	24375.750	3.042	-49.102	-16.958	Pass
NVNT	ANT2	802.11g	2437.00	25000.000	3.042	-49.488	-16.958	Pass
NVNT	ANT1	802.11g	2462.00	4924.120	-1.123	-52.503	-21.123	Pass
NVNT	ANT2	802.11g	2462.00	4921.623	-1.123	-51.064	-21.123	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	24335.798	-2.404	-49.980	-22.404	Pass
NVNT	ANT2	802.11n(HT20)	2412.00	24408.211	-2.404	-50.089	-22.404	Pass
NVNT	ANT1	802.11n(HT20)	2437.00	24975.030	-2.164	-48.721	-22.164	Pass
NVNT	ANT2	802.11n(HT20)	2437.00	24600.480	-2.164	-49.950	-22.164	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	24433.181	-2.176	-50.181	-22.176	Pass
NVNT	ANT2	802.11n(HT20)	2462.00	24353.277	-2.176	-49.644	-22.176	Pass
NVNT	ANT1	802.11n(HT40)	2422.00	23928.787	-4.800	-57.583	-24.800	Pass
NVNT	ANT2	802.11n(HT40)	2422.00	24560.528	-4.800	-57.300	-24.800	Pass
NVNT	ANT1	802.11n(HT40)	2437.00	5183.808	-4.186	-50.585	-24.186	Pass
NVNT	ANT2	802.11n(HT40)	2437.00	24710.348	-4.186	-51.023	-24.186	Pass
NVNT	ANT1	802.11n(HT40)	2452.00	24597.983	-3.431	-55.138	-23.431	Pass
NVNT	ANT2	802.11n(HT40)	2452.00	24578.007	-3.431	-54.911	-23.431	Pass

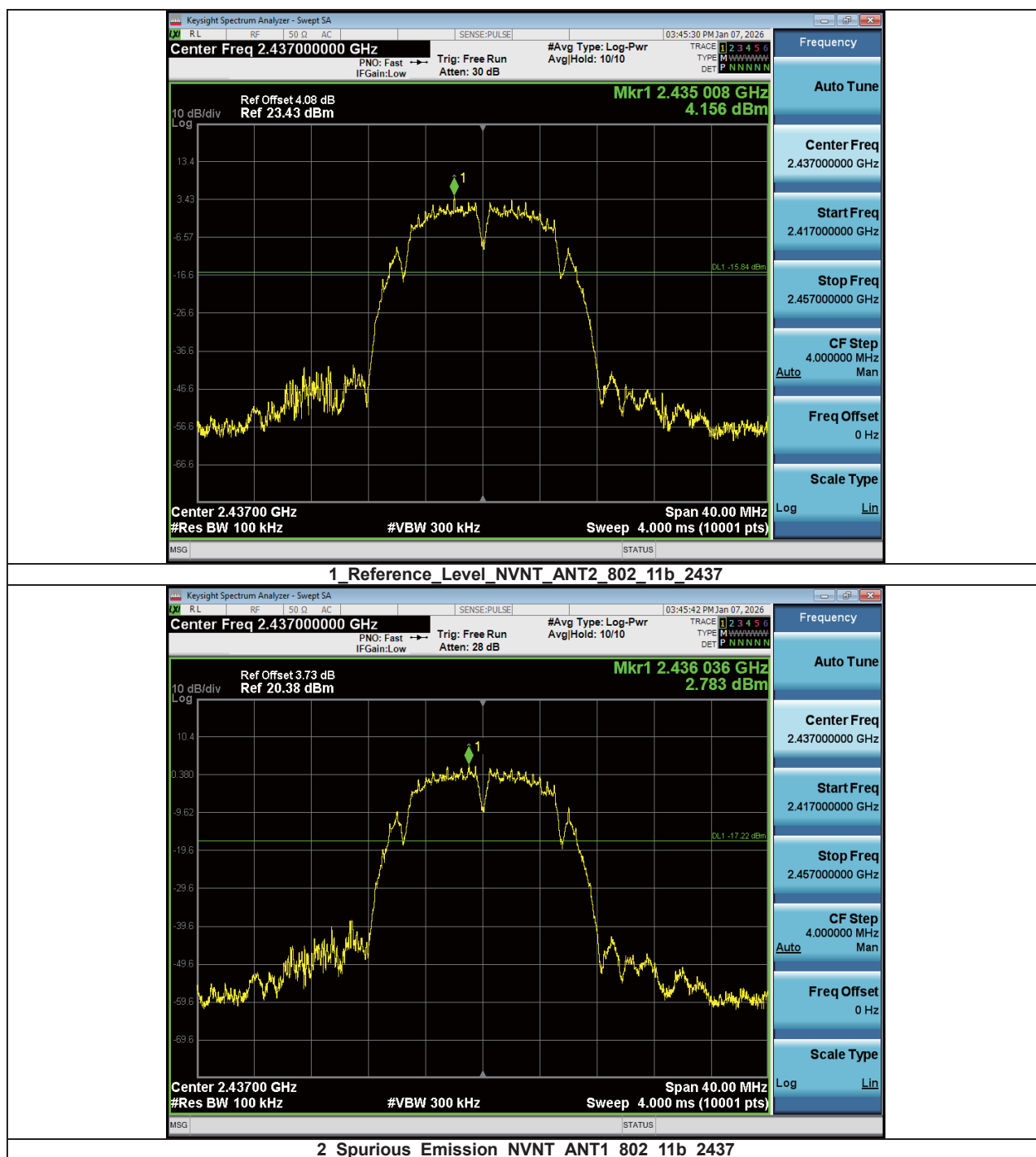


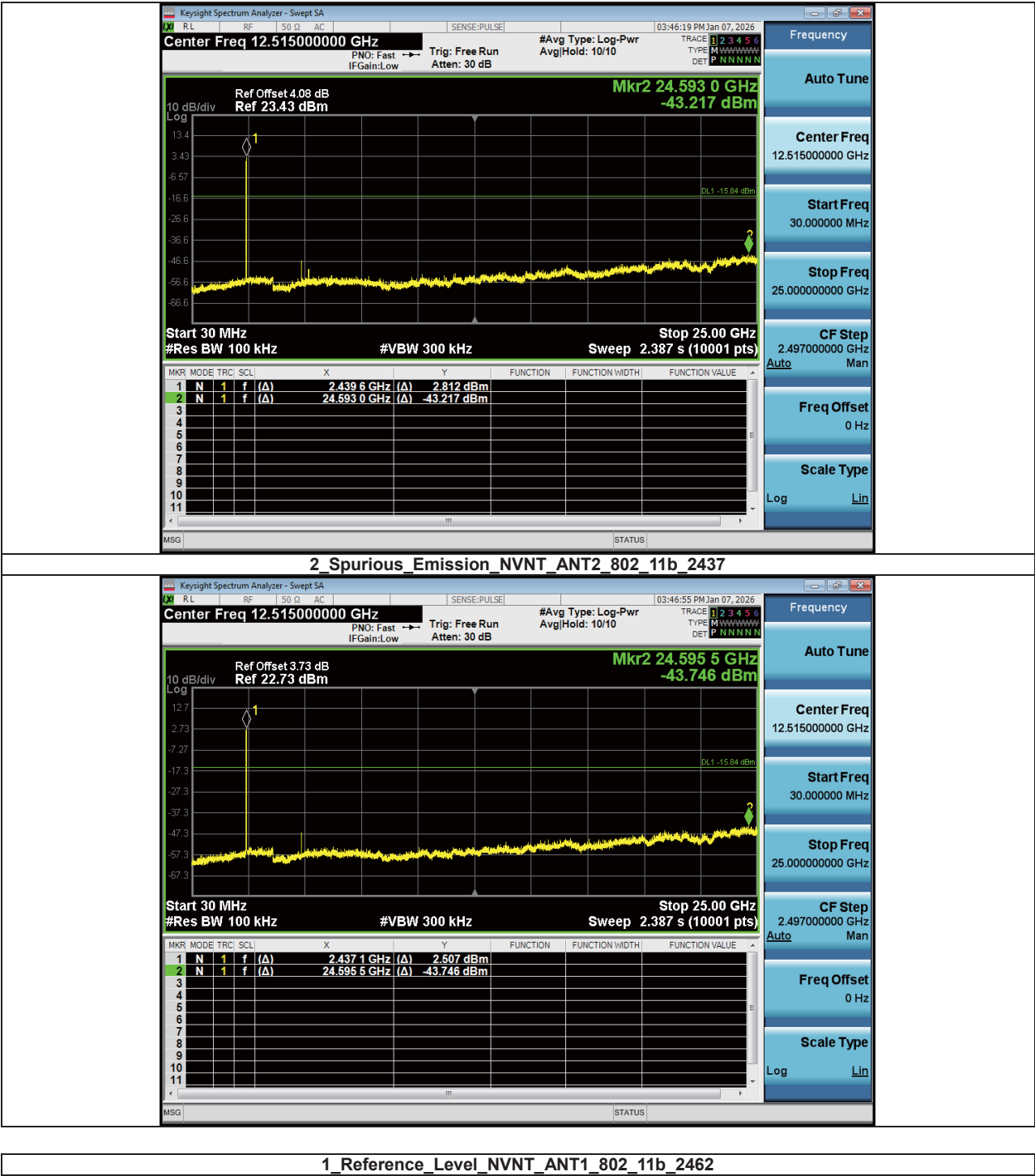


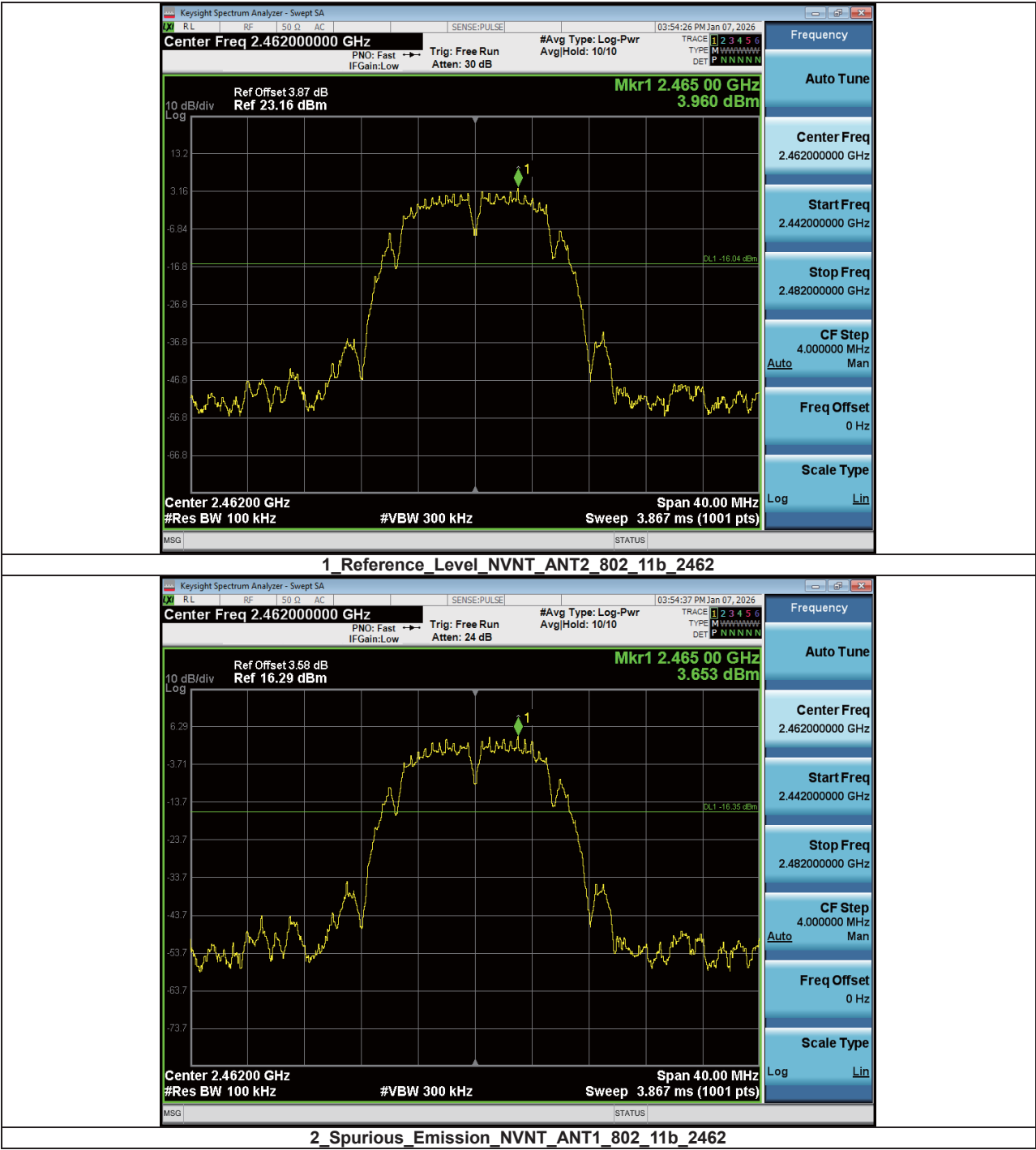
2_Spurious_Emission_NVNT_ANT2_802_11b_2412

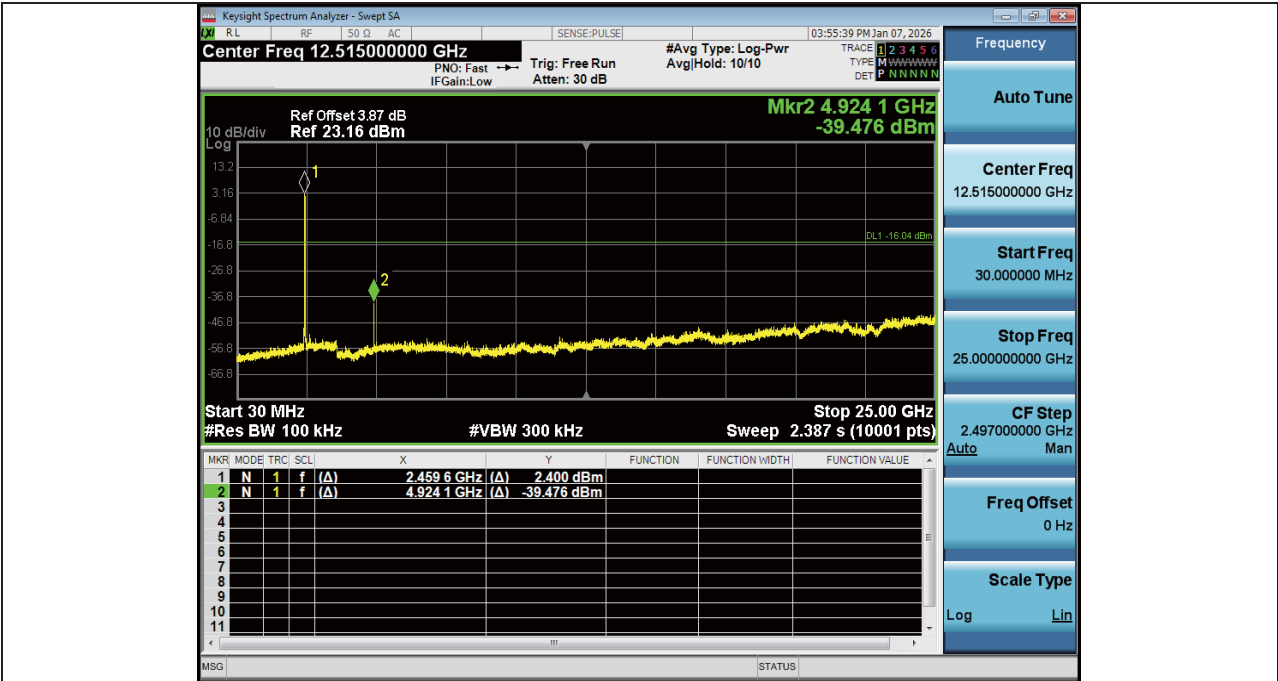


1_Reference_Level_NVNT_ANT1_802_11b_2437

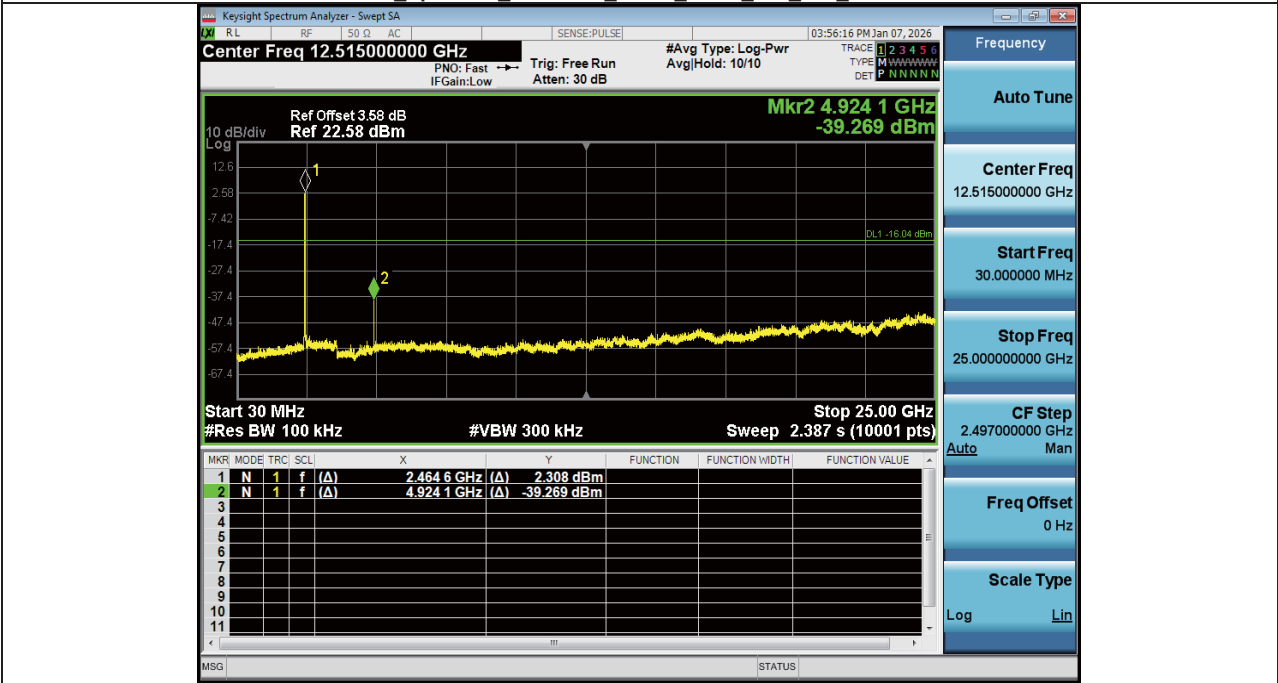




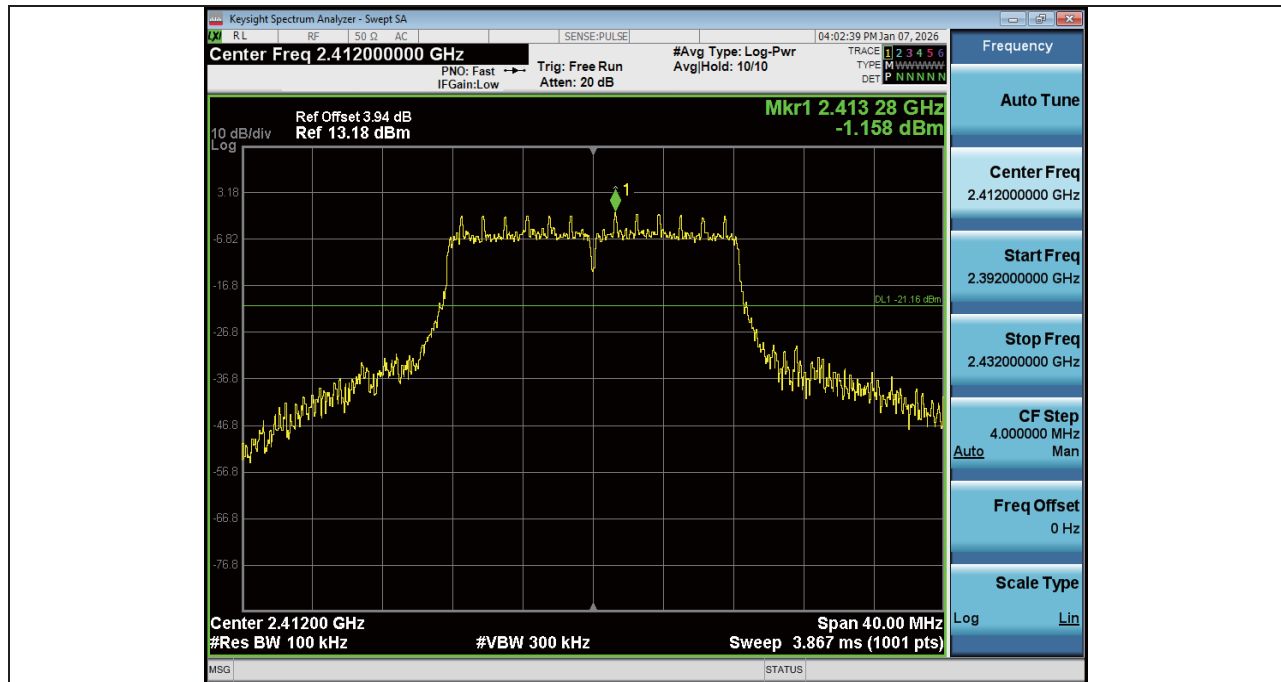




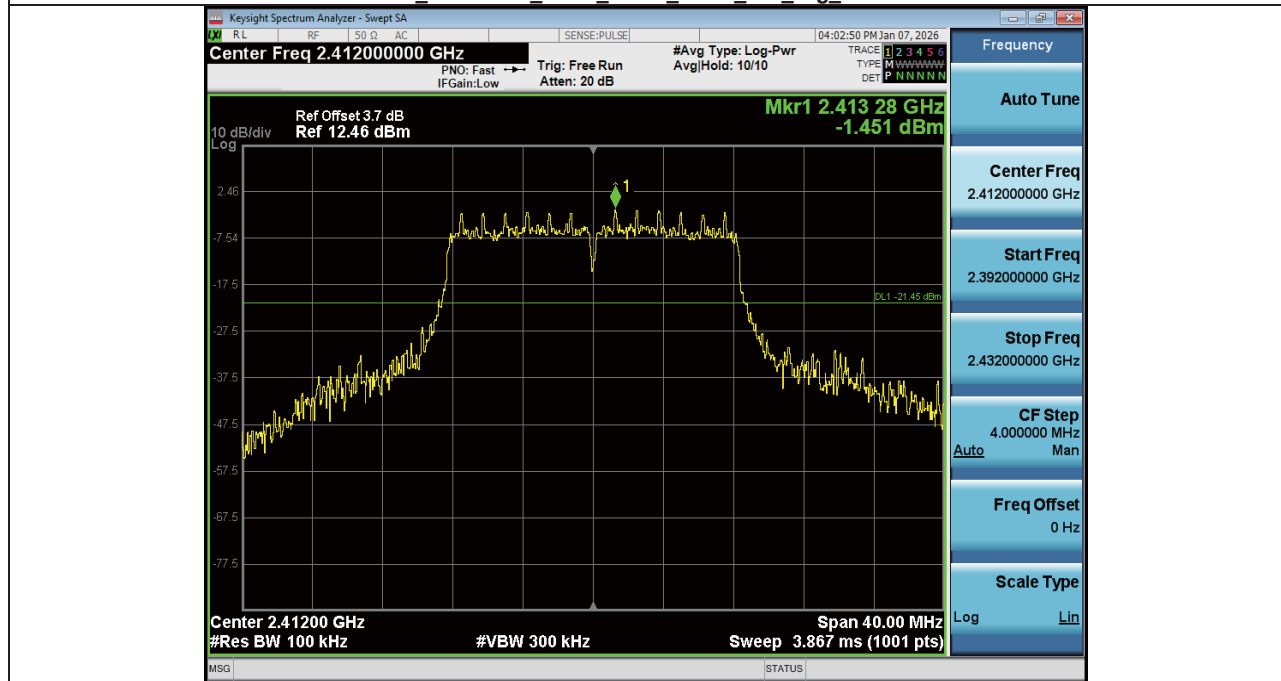
2_Spurious_Emission_NVNT_ANT2_802_11b_2462



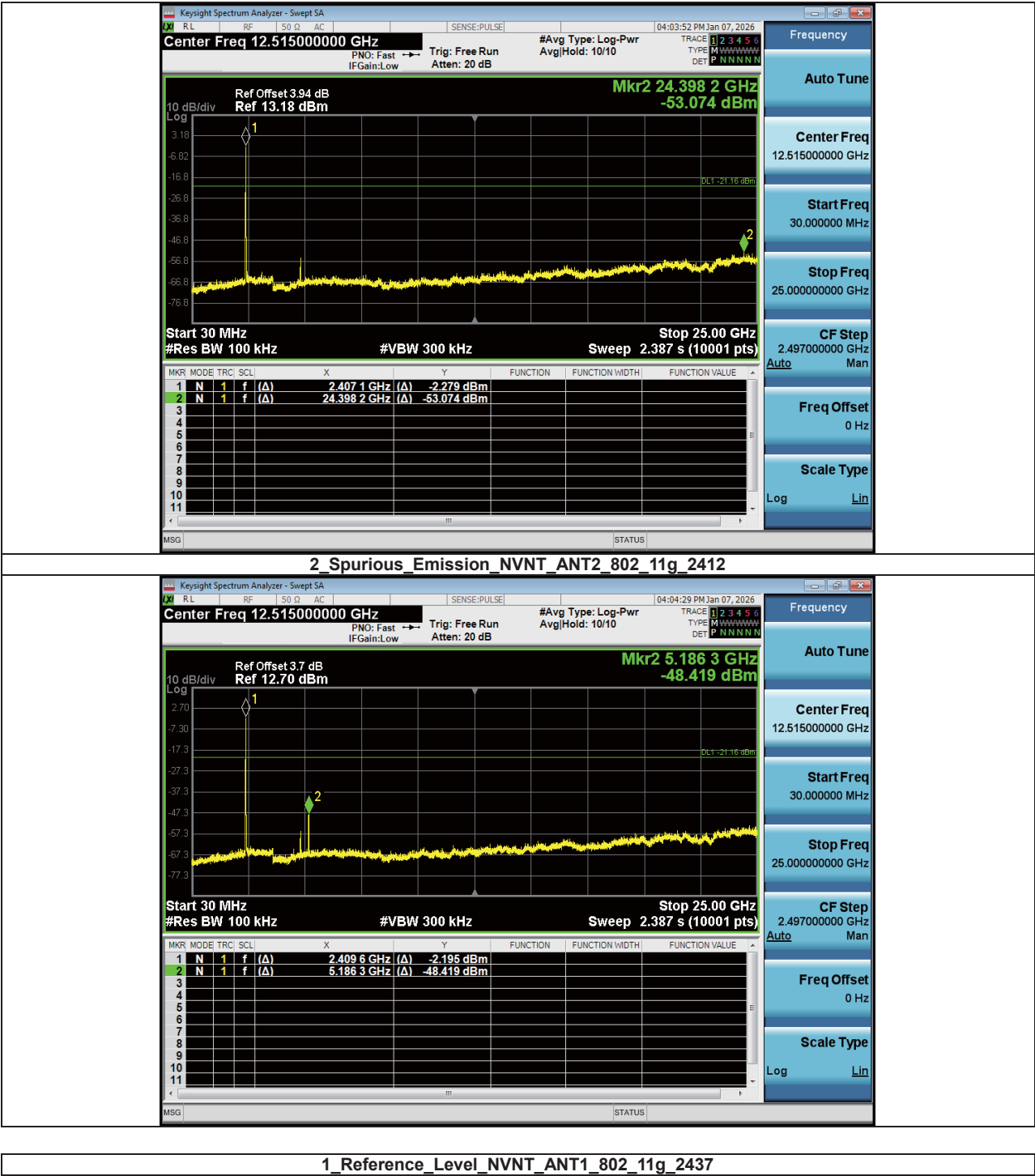
1_Reference_Level_NVNT_ANT1_802_11g_2412



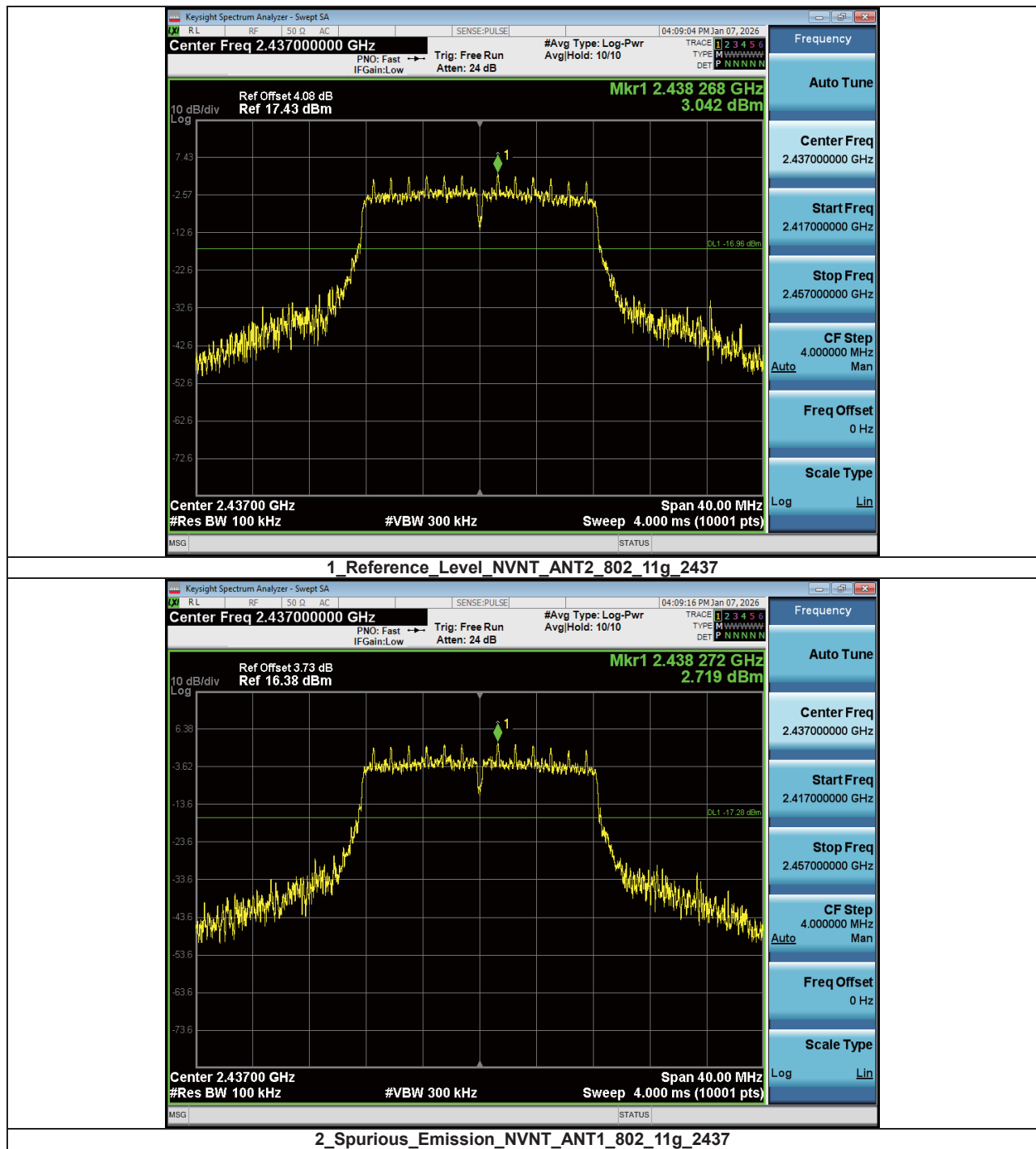
1_Reference_Level_NVNT_ANT2_802_11g_2412

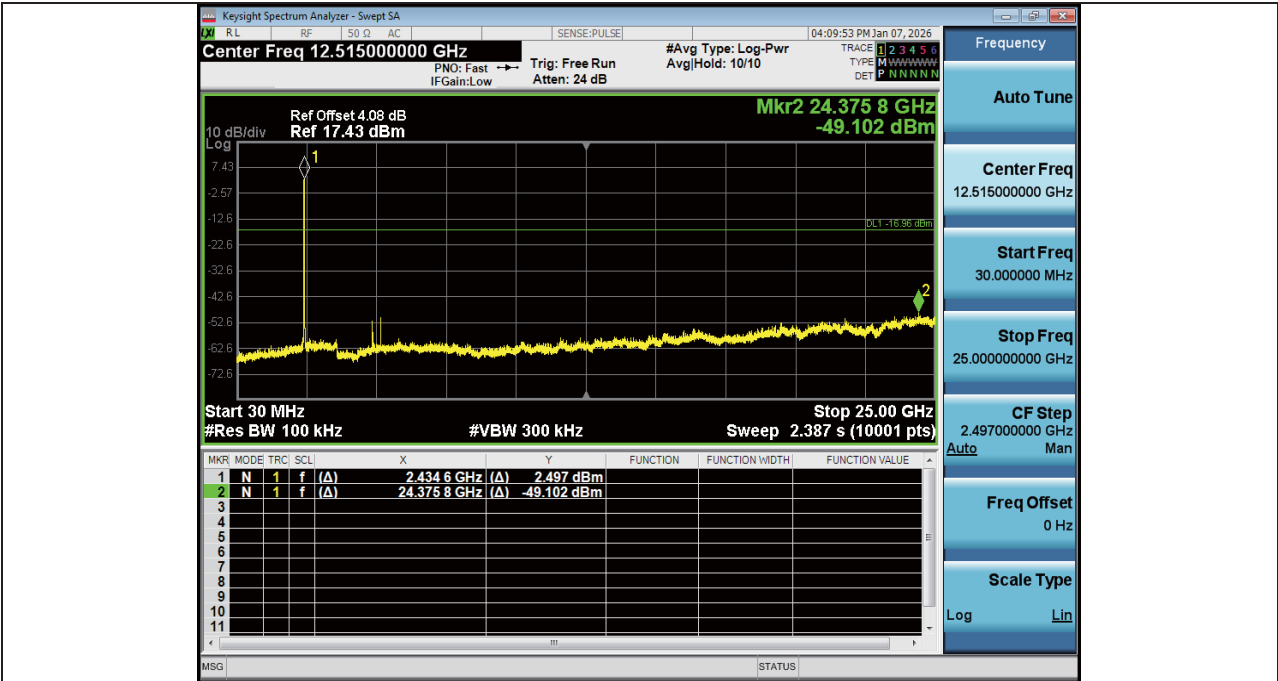


2_Spurious_Emission_NVNT_ANT1_802_11g_2412

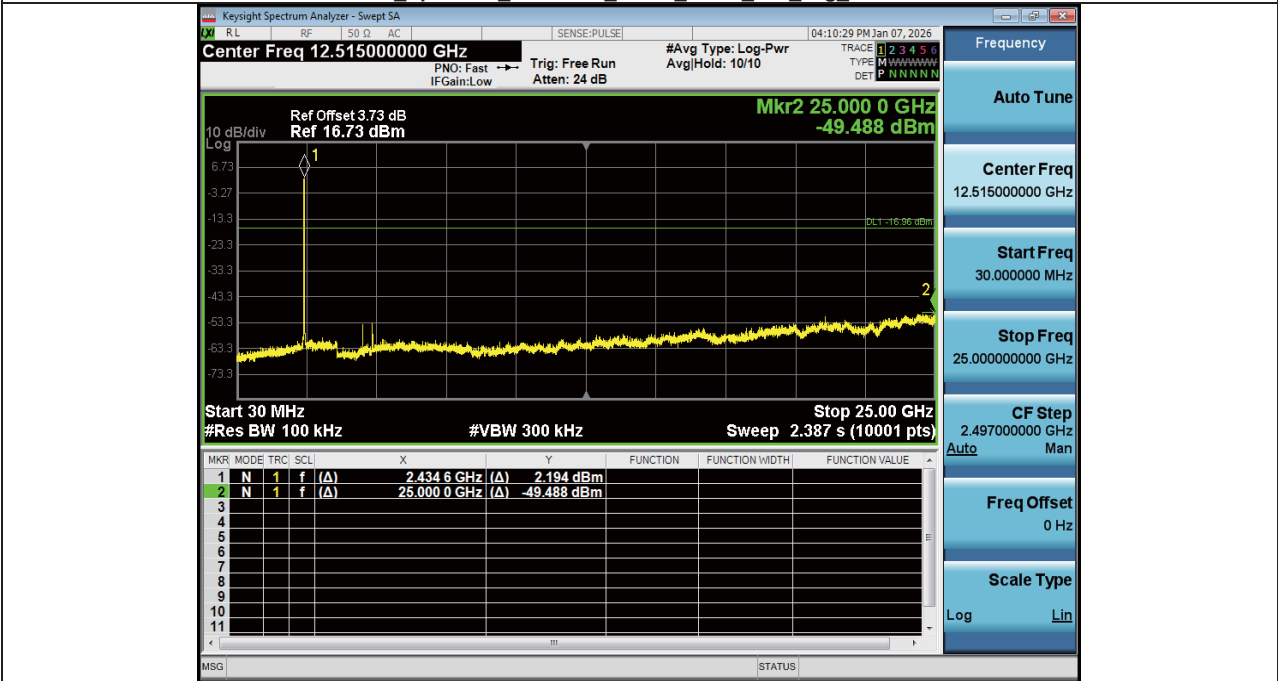


1_Reference_Level_NVNT_ANT1_802_11g_2437

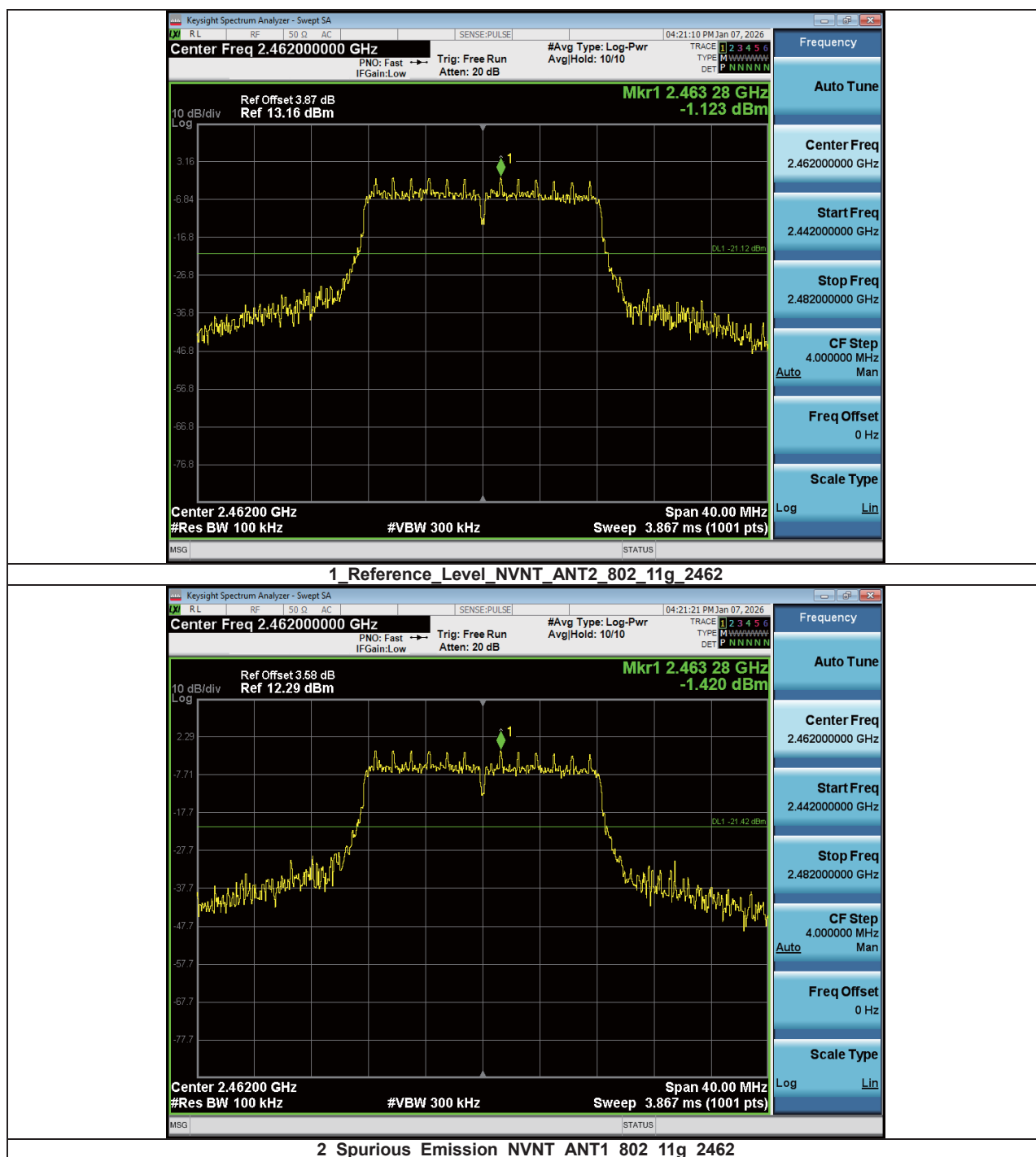


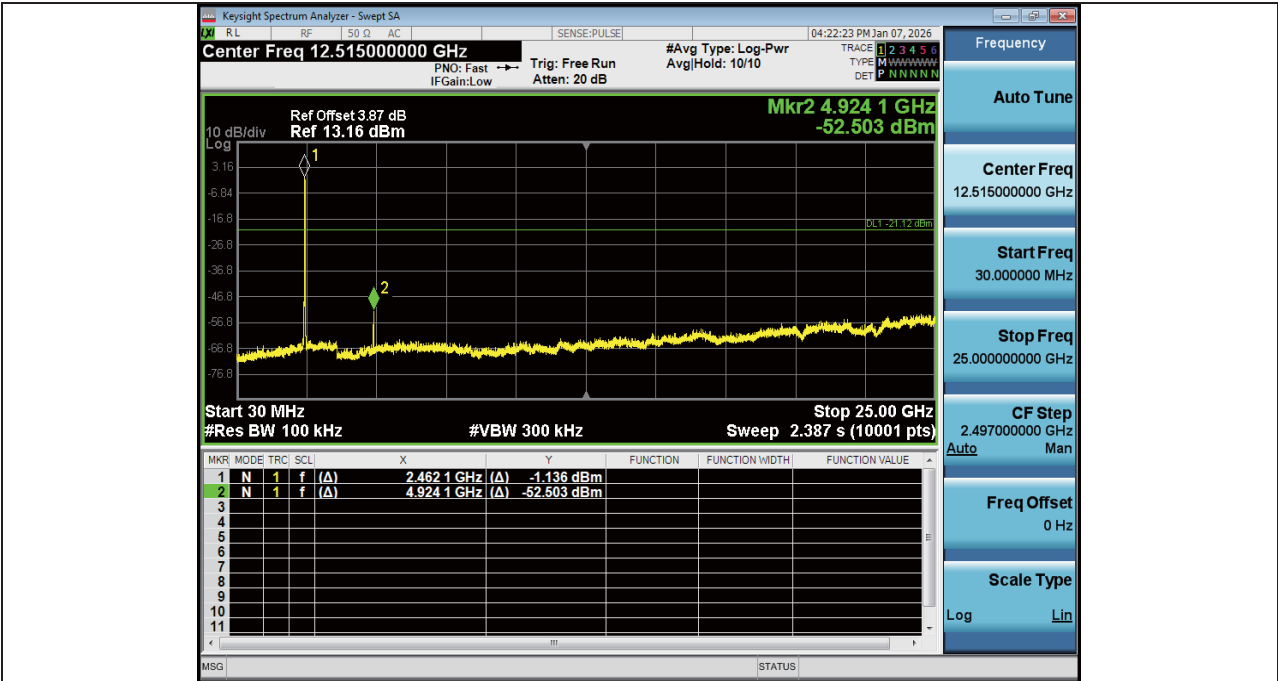


2_Spurious_Emission_NVNT_ANT2_802_11g_2437

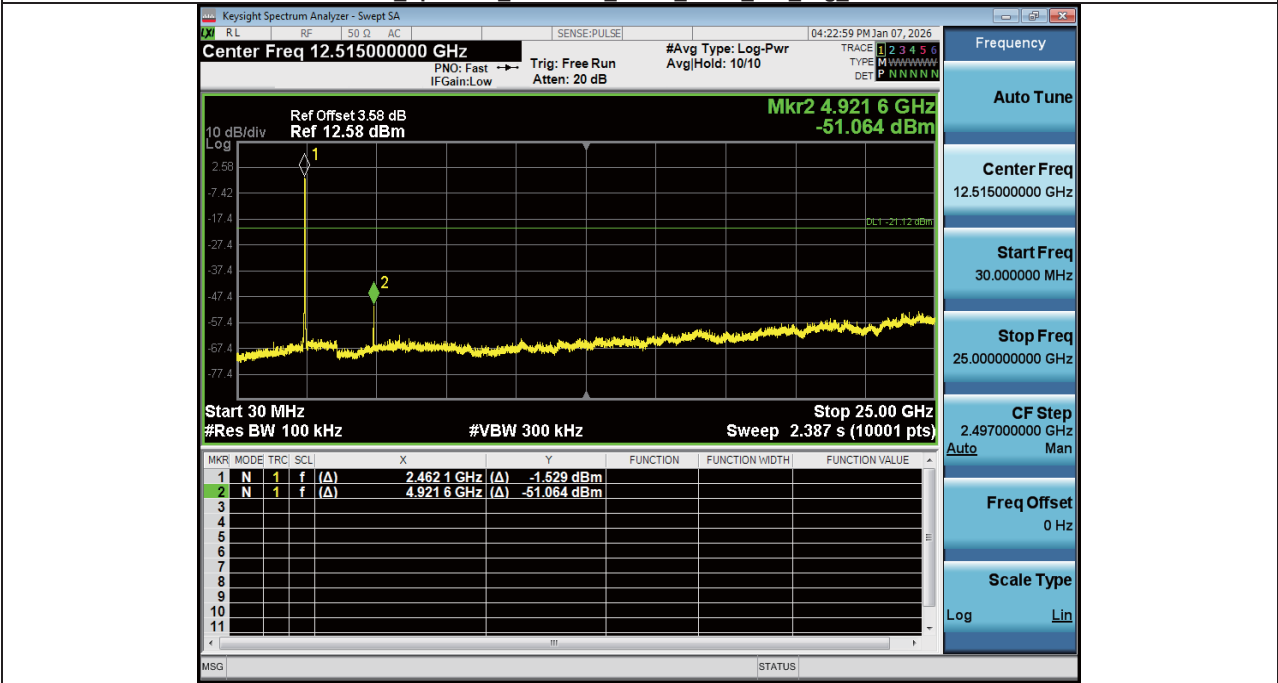


1_Reference_Level_NVNT_ANT1_802_11g_2462

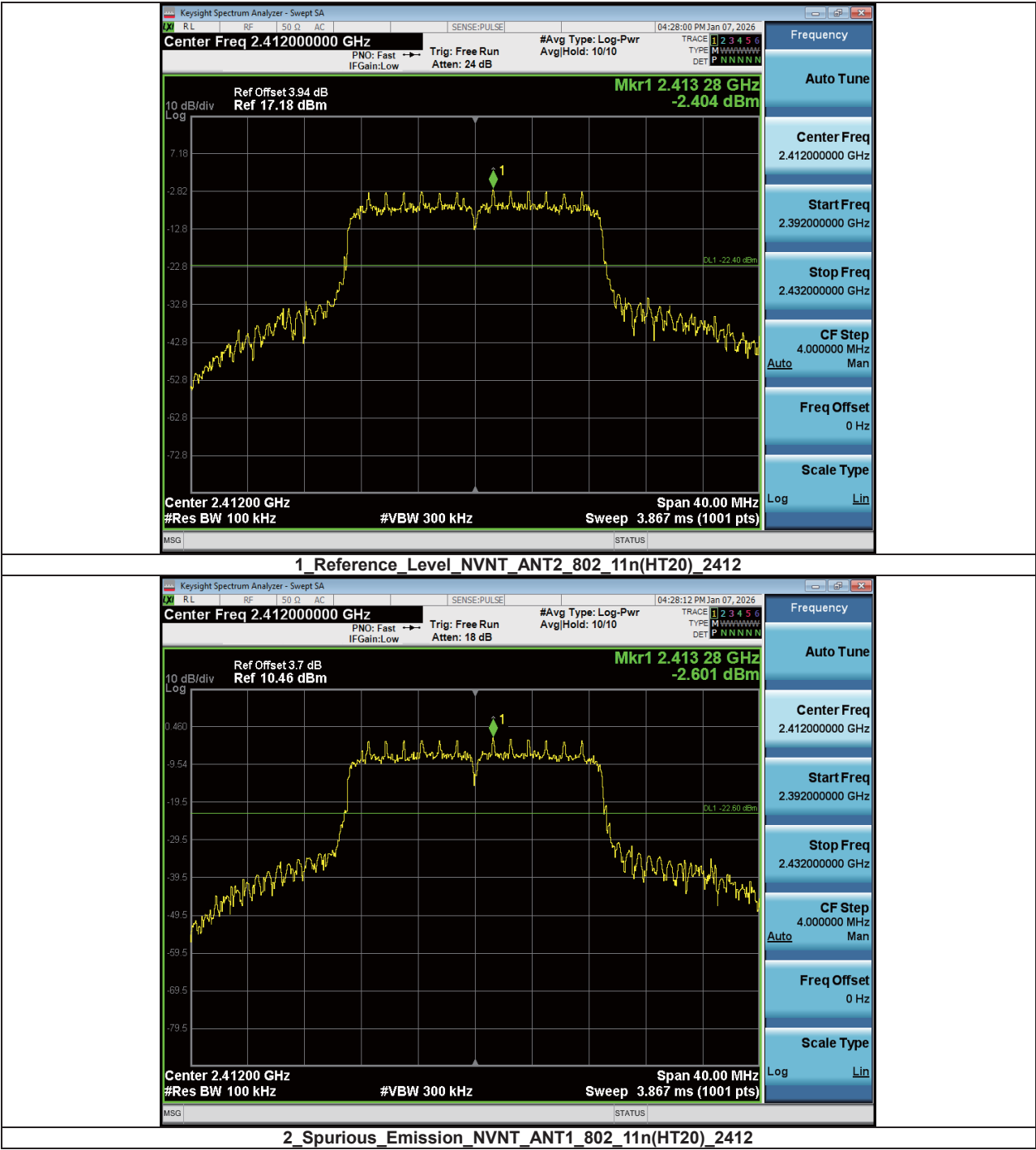


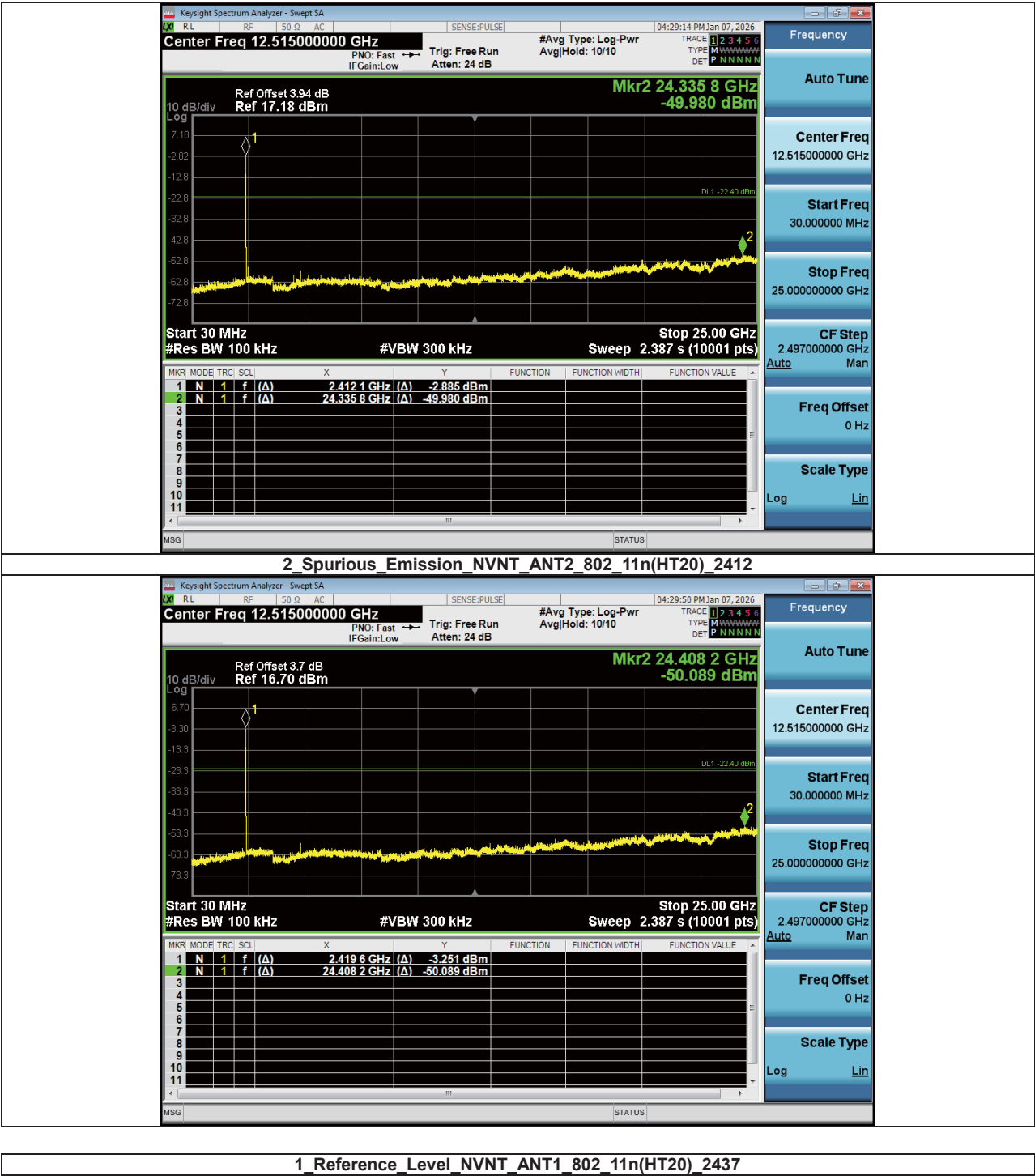


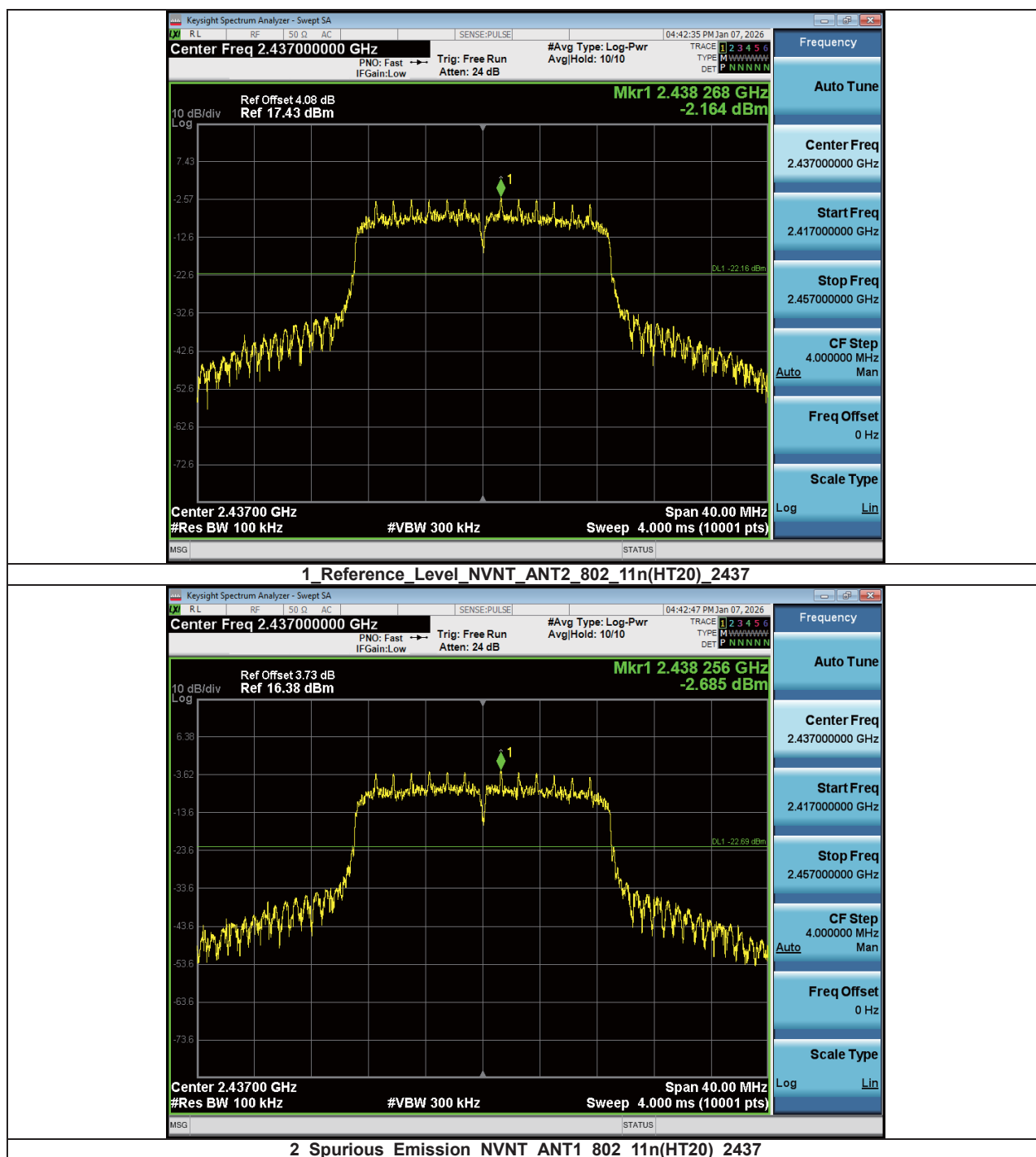
2_Spurious_Emission_NVNT_ANT2_802_11g_2462

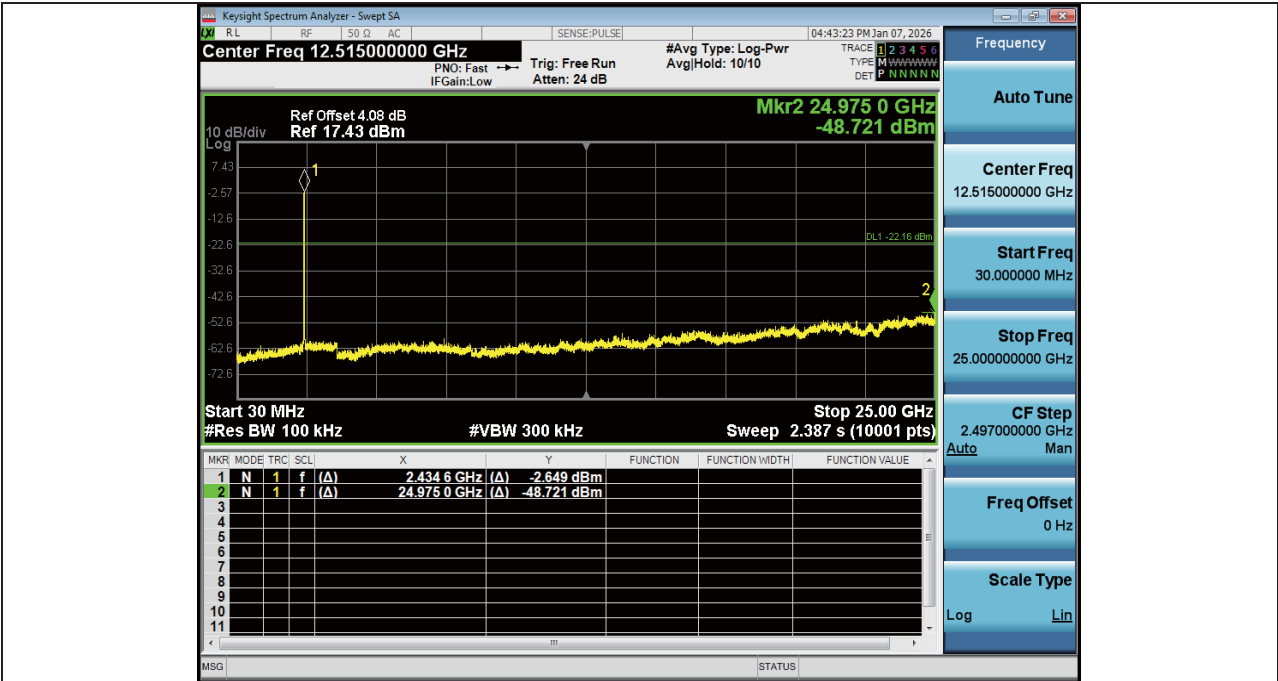


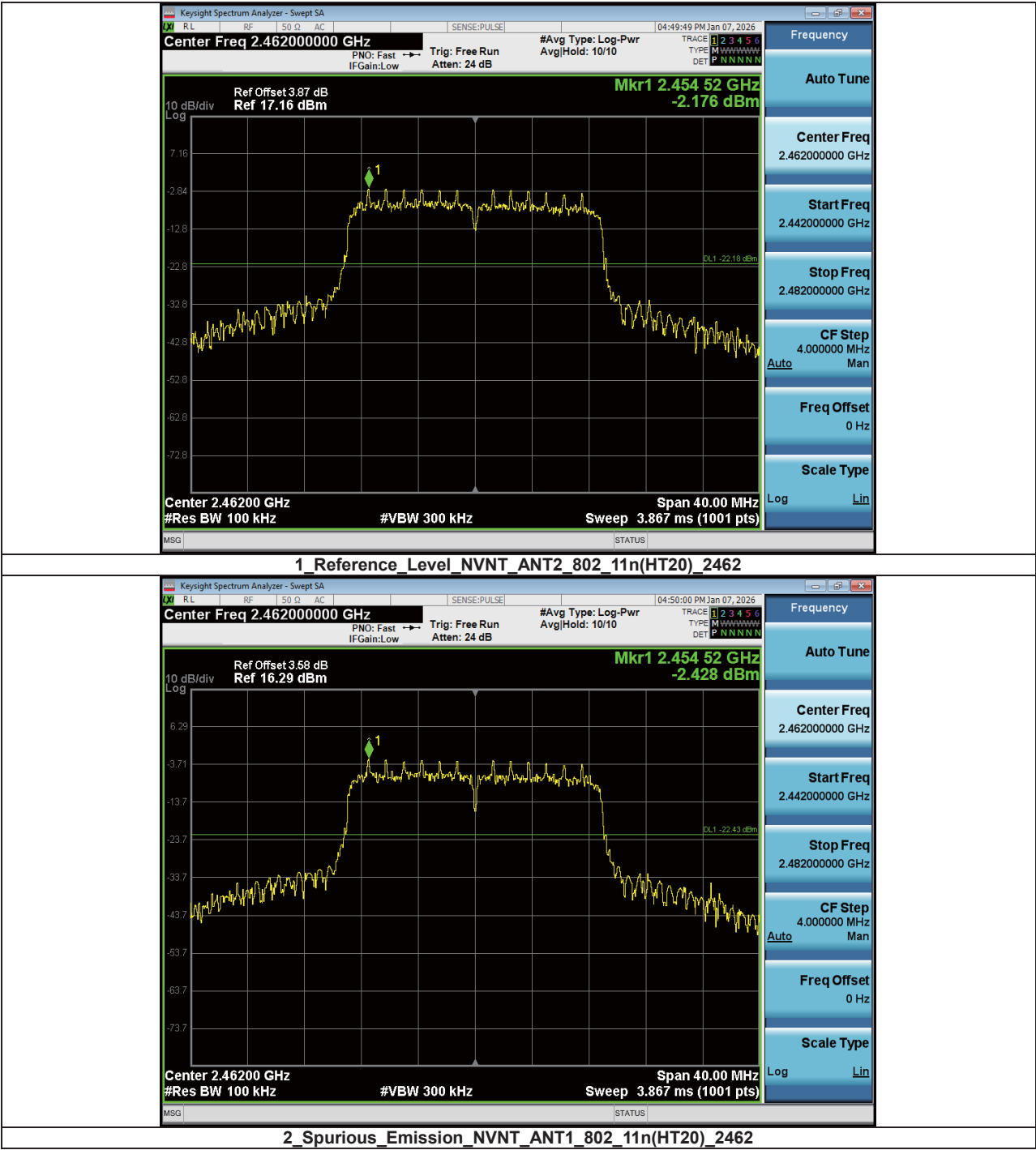
1_Reference_Level_NVNT_ANT1_802_11n(HT20)_2412

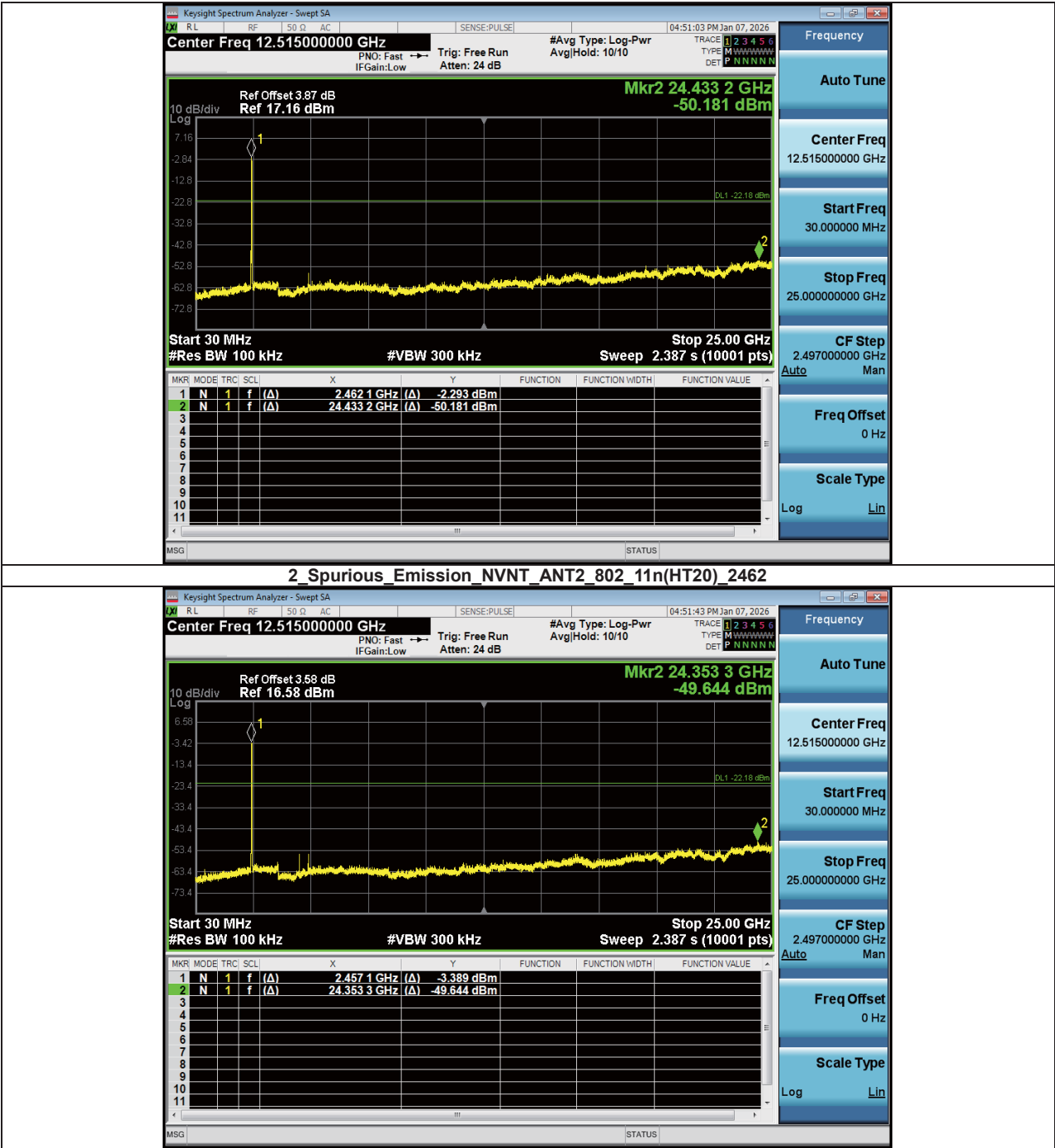


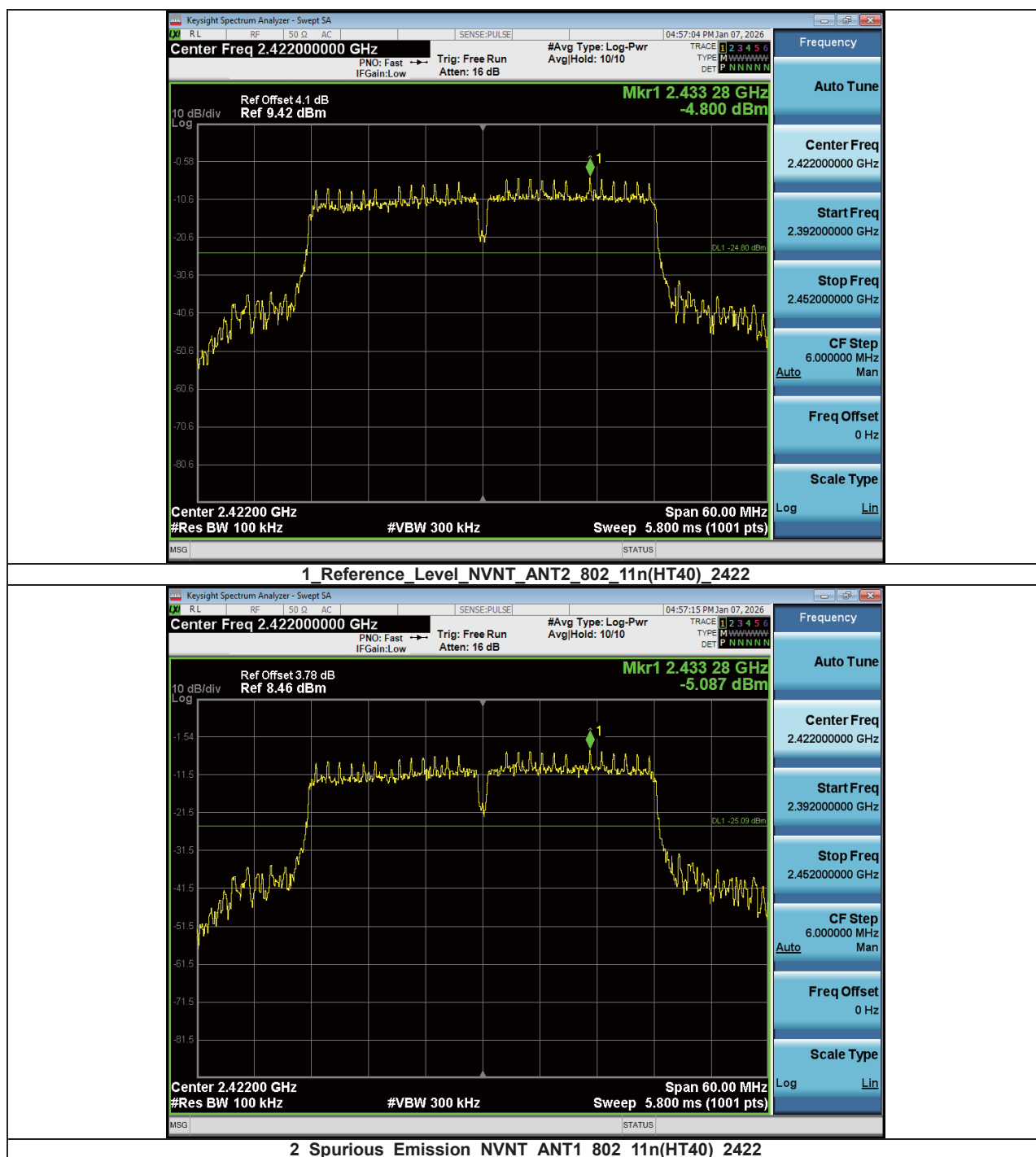


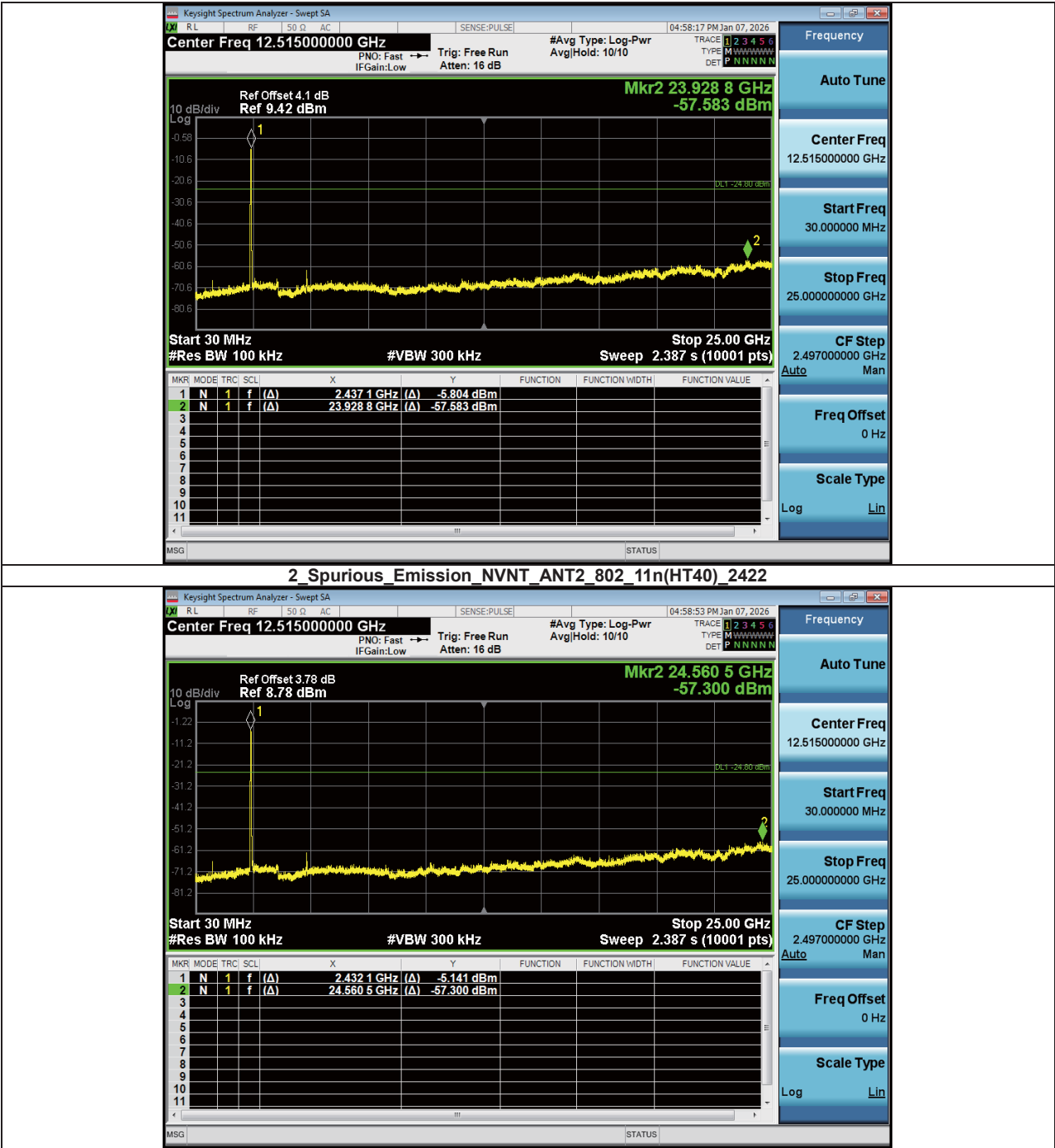




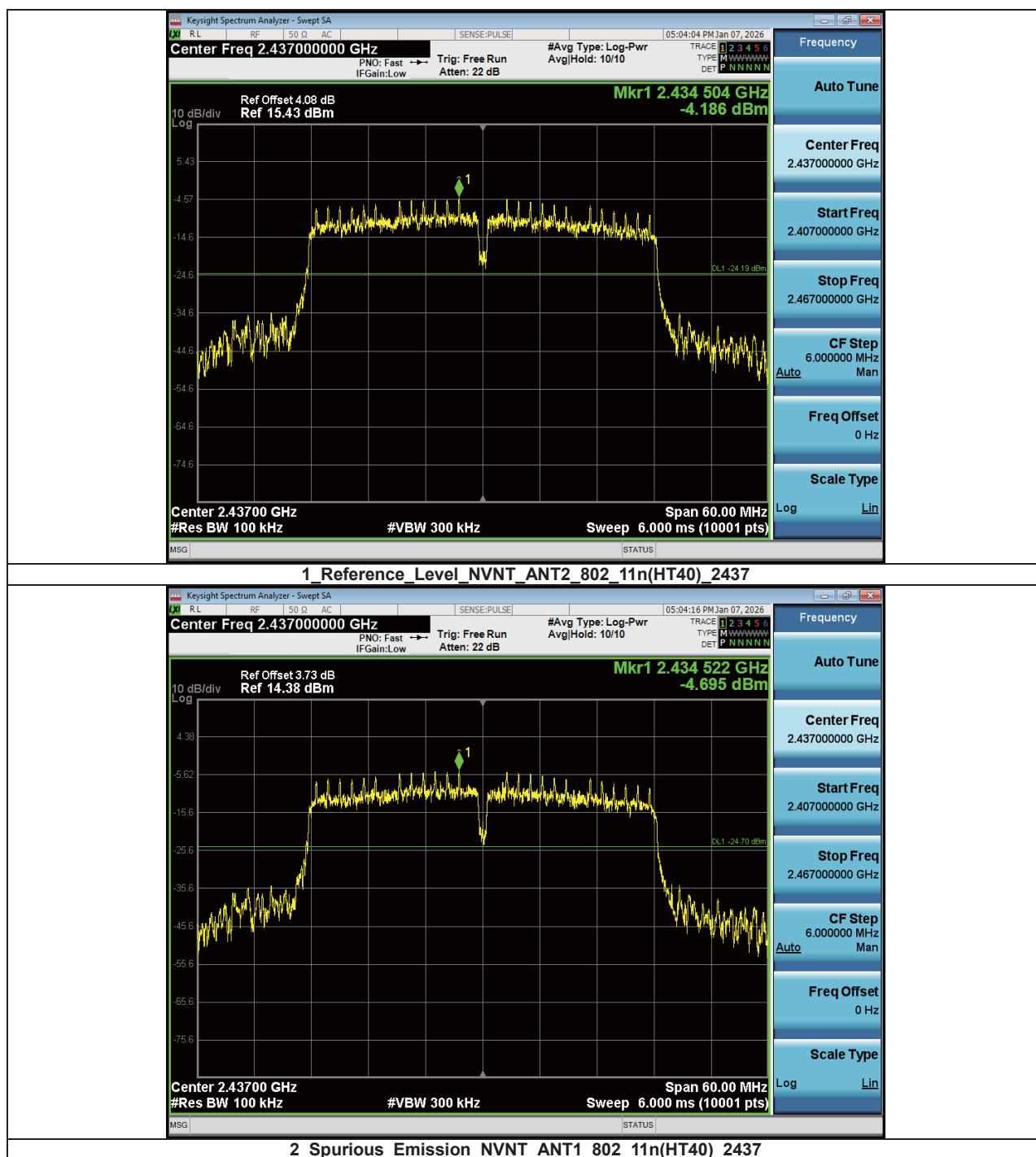


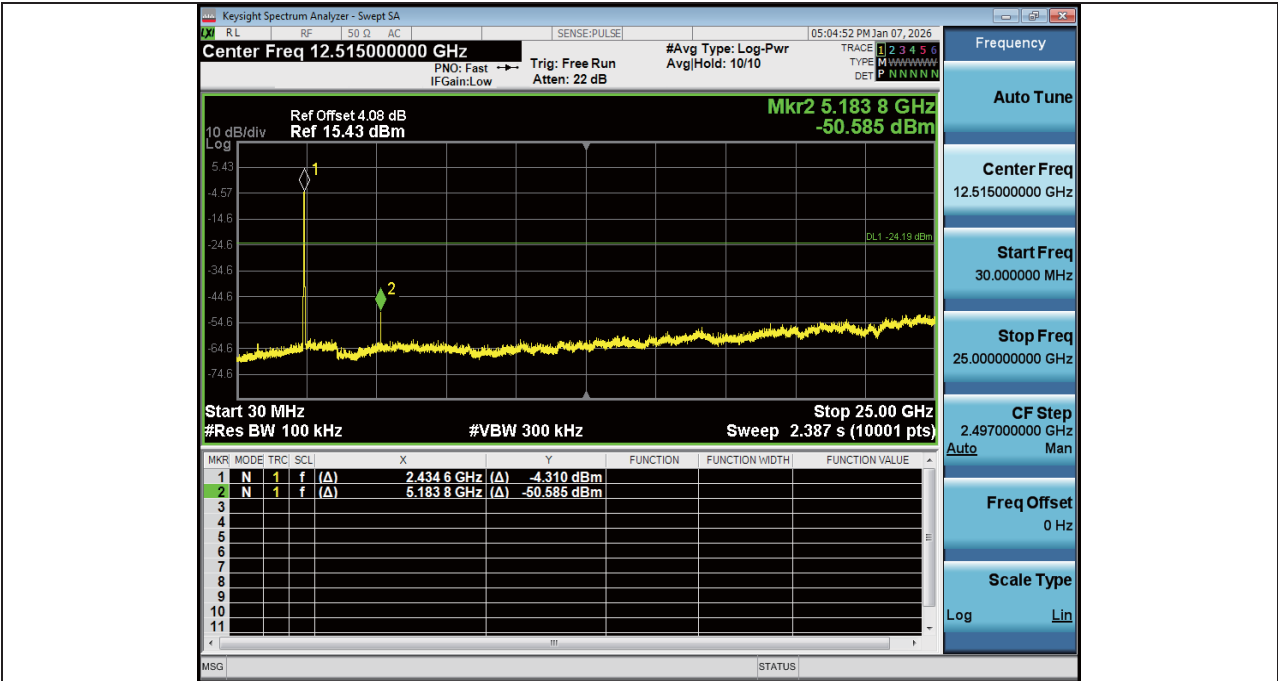




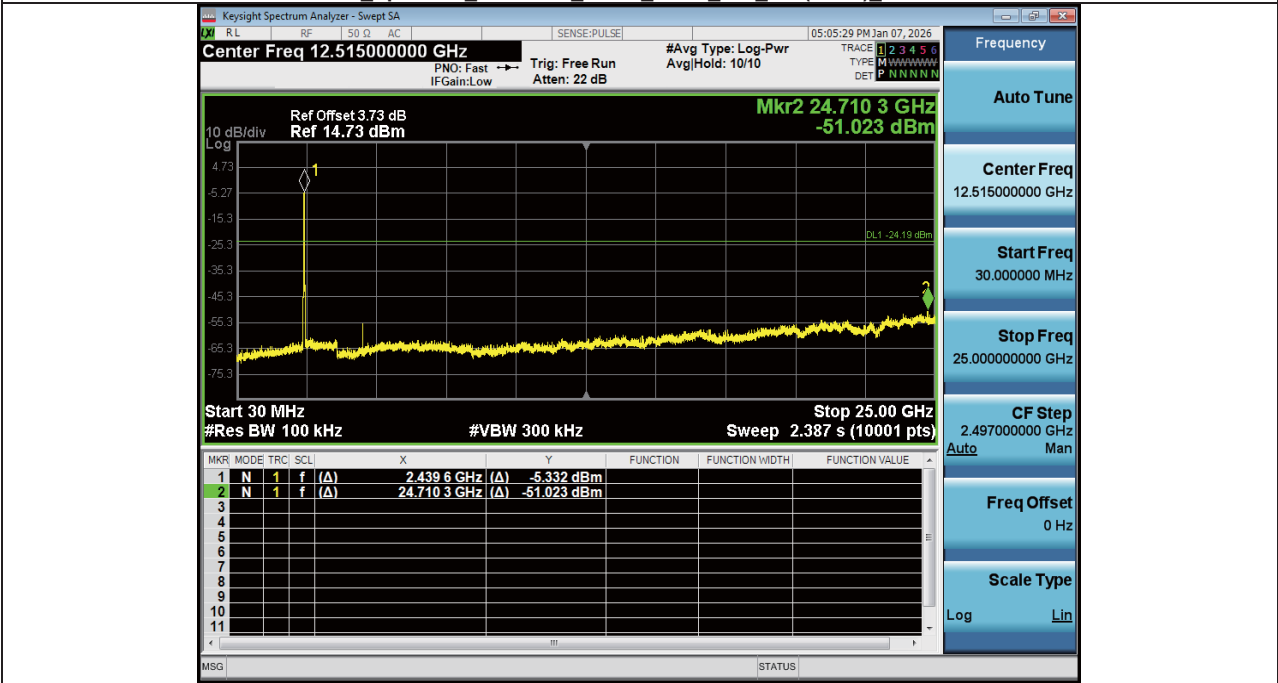


1_Reference_Level_NVNT_ANT1_802_11n(HT40)_2437

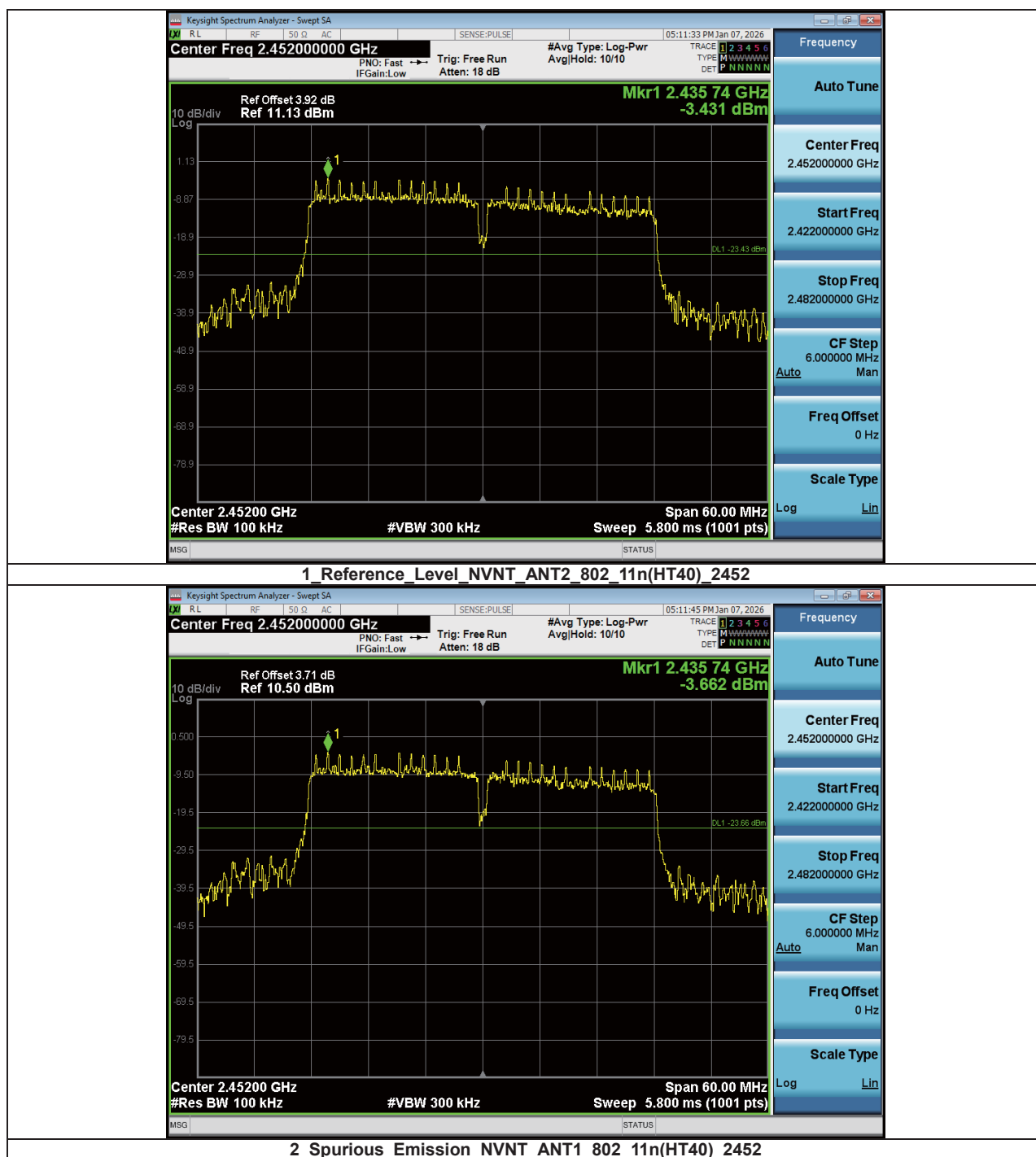


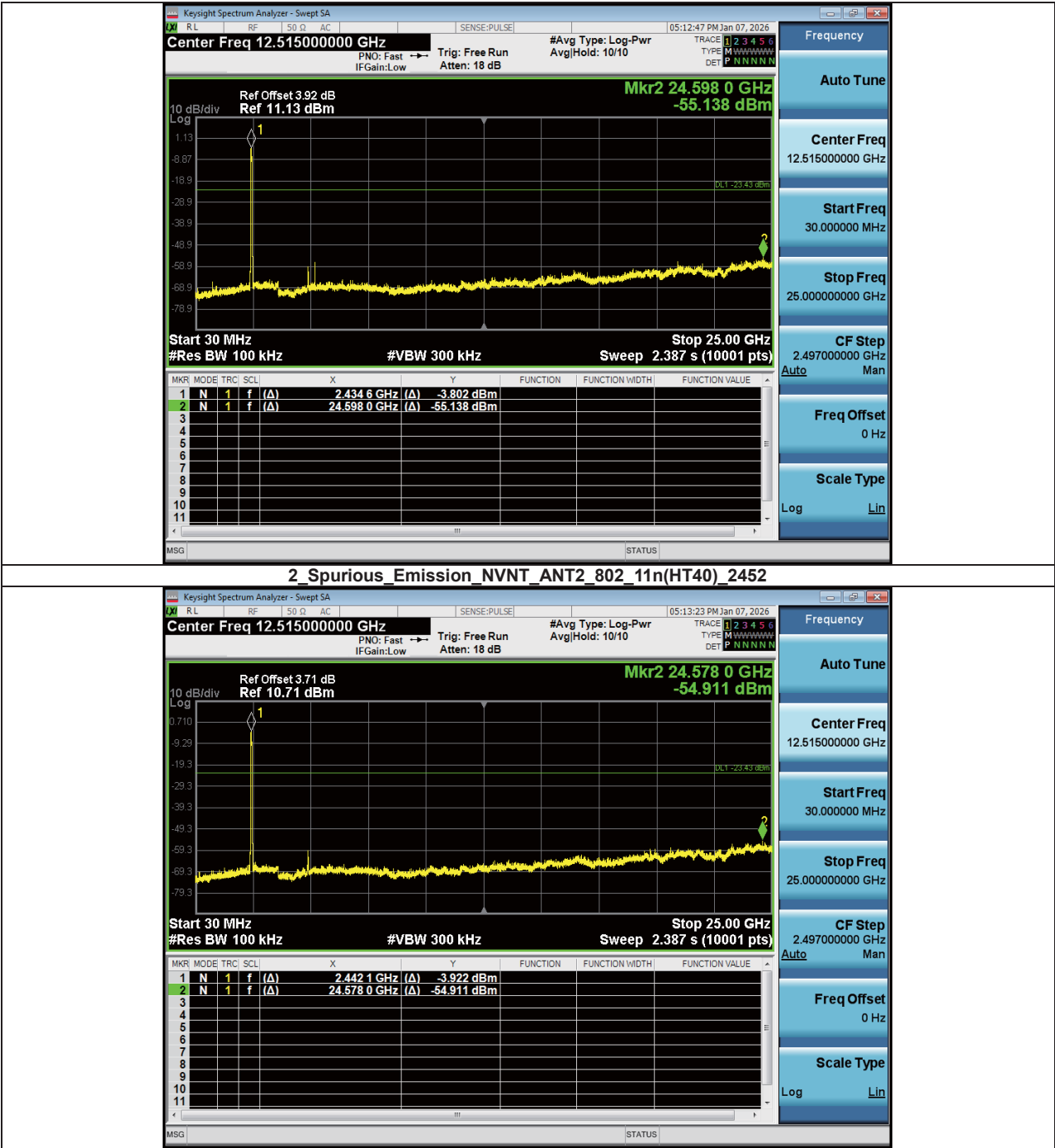


2_Spurious_Emission_NVNT_ANT2_802_11n(HT40)_2437



1_Reference_Level_NVNT_ANT1_802_11n(HT40)_2452





6. Conducted Maximum Output Power

6.1. Test limits

Please refer FCC PART 15.247.

Regulation 15.247(b) The limit of Maximum Peak Output Power Measurement is 1 W(30dBm)

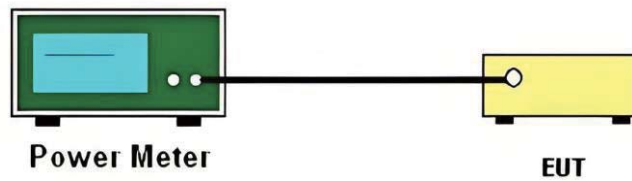
6.2. Test Procedure

Details see the KDB558074 D01 Meas Guidance v05r02

1. Place the EUT on the table and set it in transmitting mode.
2. Connected the EUT's antenna port to peak power meter by 20dB attenuator.
3. Measure out each mode and each bands peak output power of EUT.

Note: The cable loss and attenuator loss were offset into measure device as amplitude offset.

6.3. Test Setup



6.4. Test Results

Condition	Antenna	Modulation	Frequency (MHz)	Detector	Conducted Power(dBm)	Duty factor(dB)	Total Power(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11b	2412.00	Peak	16.83	N/A	16.83	30	Pass
NVNT	ANT2	802.11b	2412.00	Peak	16.59	N/A	16.59	30	Pass
NVNT	ANT1	802.11b	2437.00	Peak	15.49	N/A	15.49	30	Pass
NVNT	ANT2	802.11b	2437.00	Peak	15.14	N/A	15.14	30	Pass
NVNT	ANT1	802.11b	2462.00	Peak	15.56	N/A	15.56	30	Pass
NVNT	ANT2	802.11b	2462.00	Peak	15.27	N/A	15.27	30	Pass
NVNT	ANT1	802.11g	2412.00	Peak	16.19	N/A	16.19	30	Pass
NVNT	ANT2	802.11g	2412.00	Peak	15.94	N/A	15.94	30	Pass
NVNT	ANT1	802.11g	2437.00	Peak	17.36	N/A	17.36	30	Pass
NVNT	ANT2	802.11g	2437.00	Peak	17.05	N/A	17.05	30	Pass
NVNT	ANT1	802.11g	2462.00	Peak	16.60	N/A	16.60	30	Pass
NVNT	ANT2	802.11g	2462.00	Peak	16.23	N/A	16.23	30	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	Peak	15.61	N/A	15.61	30	Pass
NVNT	ANT2	802.11n(HT20)	2412.00	Peak	15.47	N/A	15.47	30	Pass
NVNT	ANT1	802.11n(HT20)	2437.00	Peak	16.96	N/A	16.96	30	Pass
NVNT	ANT2	802.11n(HT20)	2437.00	Peak	15.30	N/A	15.30	30	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	Peak	15.90	N/A	15.90	30	Pass
NVNT	ANT2	802.11n(HT20)	2462.00	Peak	15.62	N/A	15.62	30	Pass
NVNT	ANT1	802.11n(HT40)	2422.00	Peak	15.13	N/A	15.13	30	Pass
NVNT	ANT2	802.11n(HT40)	2422.00	Peak	14.85	N/A	14.85	30	Pass
NVNT	ANT1	802.11n(HT40)	2437.00	Peak	15.66	N/A	15.66	30	Pass
NVNT	ANT2	802.11n(HT40)	2437.00	Peak	15.28	N/A	15.28	30	Pass
NVNT	ANT1	802.11n(HT40)	2452.00	Peak	16.16	N/A	16.16	30	Pass
NVNT	ANT2	802.11n(HT40)	2452.00	Peak	15.98	N/A	15.98	30	Pass

Condition	Antenna	Mode	Frequency(MHz)	MIMO_Conducted_Power(dBm)	Limit(dBm)	Result
NVNT	MIMO_TX	802.11n(HT20)	2412.00	18.55	28.12	Pass
NVNT	MIMO_TX	802.11n(HT20)	2437.00	19.22	28.12	Pass
NVNT	MIMO_TX	802.11n(HT20)	2462.00	18.77	28.12	Pass
NVNT	MIMO_TX	802.11n(HT40)	2422.00	18.00	28.12	Pass
NVNT	MIMO_TX	802.11n(HT40)	2437.00	18.49	28.12	Pass
NVNT	MIMO_TX	802.11n(HT40)	2452.00	19.08	28.12	Pass

MIMO gain= $G_{ANT\ MAX} + 10 \log(N_{ANT}/N_{SS})\text{dBi} = 4.87 + 10 \log(2)\text{dBi} = 7.88\text{dBi}$

N_{SS} =the number of independent spatial streams of data;

N_{ANT} = the total number of antennas;

$G_{ANT\ MAX}$ is.the gain of the antenna having the highest gain (in dBi).

MIMO Limit= $30 - (7.88 - 6) = 28.12\text{ dBm}$

7. Peak Power Spectral Density

7.1. Test limits

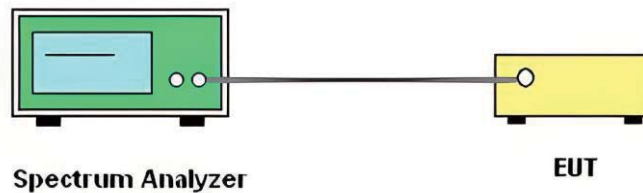
For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission. This power spectral density shall be determined in accordance with the provisions of paragraph (b) of this section. The same method of determining the conducted output power shall be used to determine the power spectral density.

7.2. Test Procedure

Details see the KDB558074 D01 Meas Guidance v05r02

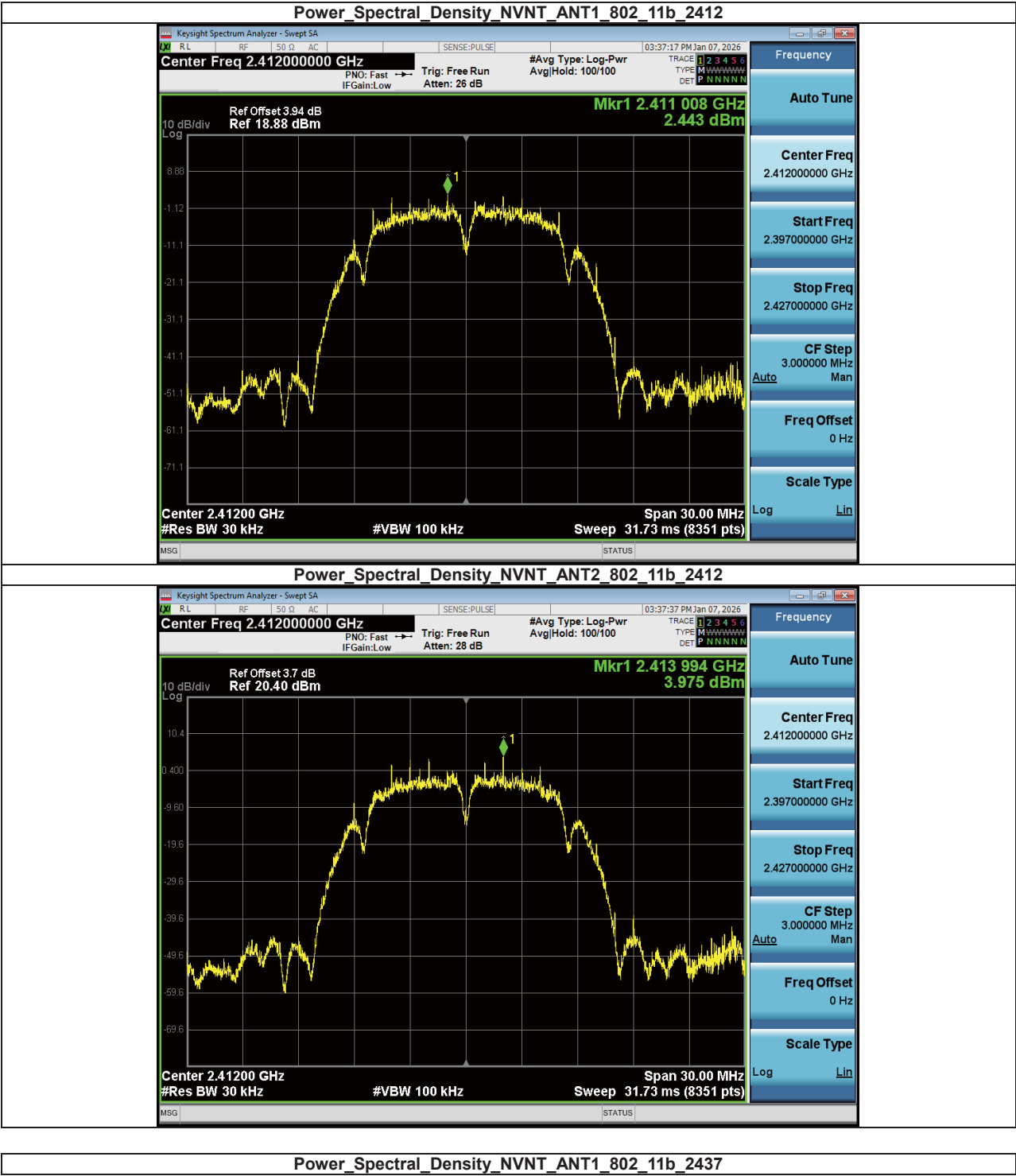
1. Place the EUT on the table and set it in transmitting mode.
2. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.
3. Set the spectrum analyzer as RBW = 30kHz(Set the RBW to: $3\text{ kHz} \leq \text{RBW} \leq 100\text{ kHz}$), VBW = 300kHz(Set the VBW $\geq 3 \times \text{RBW}$), span $\geq 1.5 \times \text{DTS bandwidth}$., detail see the test plot.
4. Record the max reading.
5. Repeat the above procedure until the measurements for all frequencies are completed.

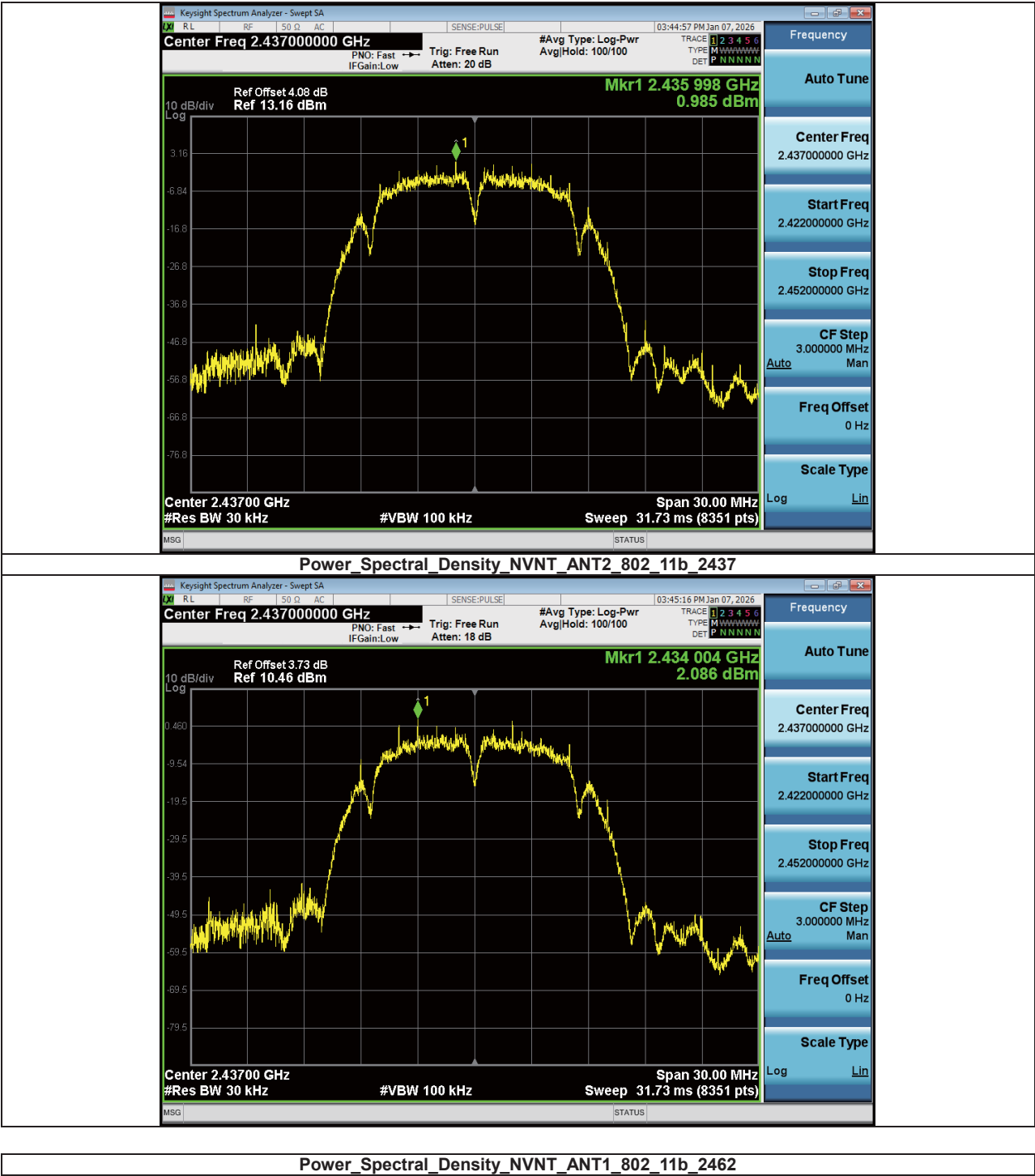
7.3. Test Setup

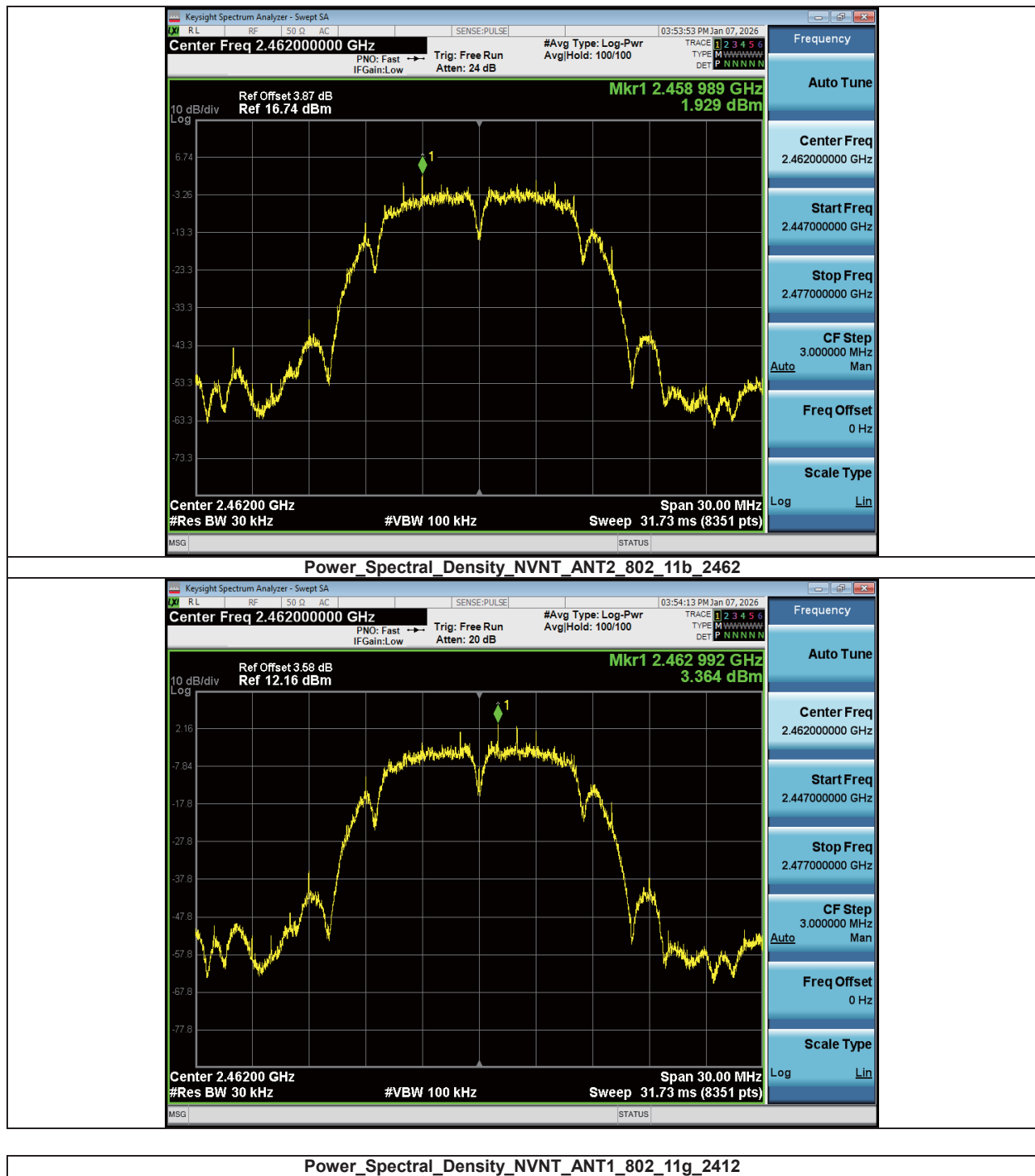


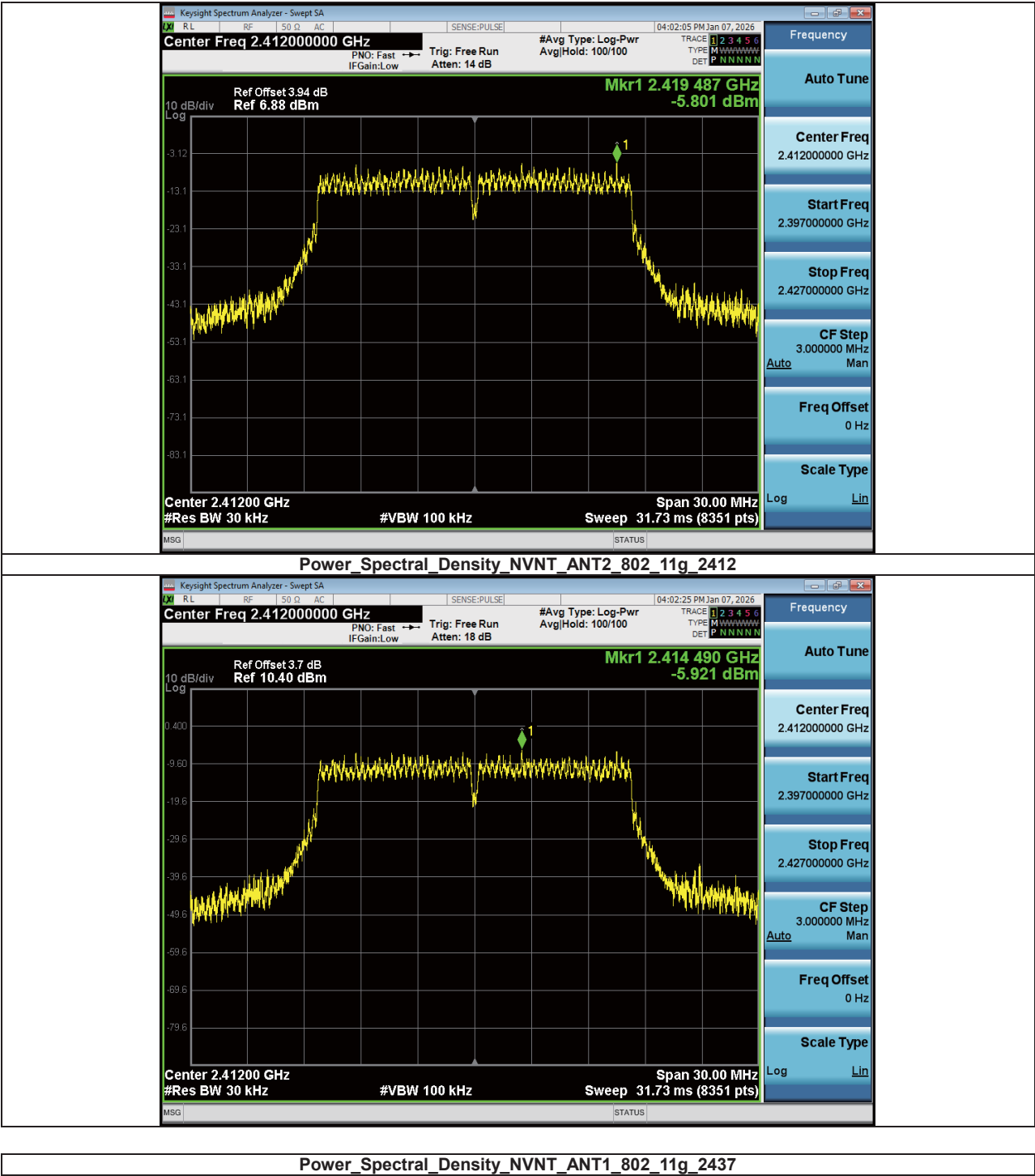
7.4. Test Results

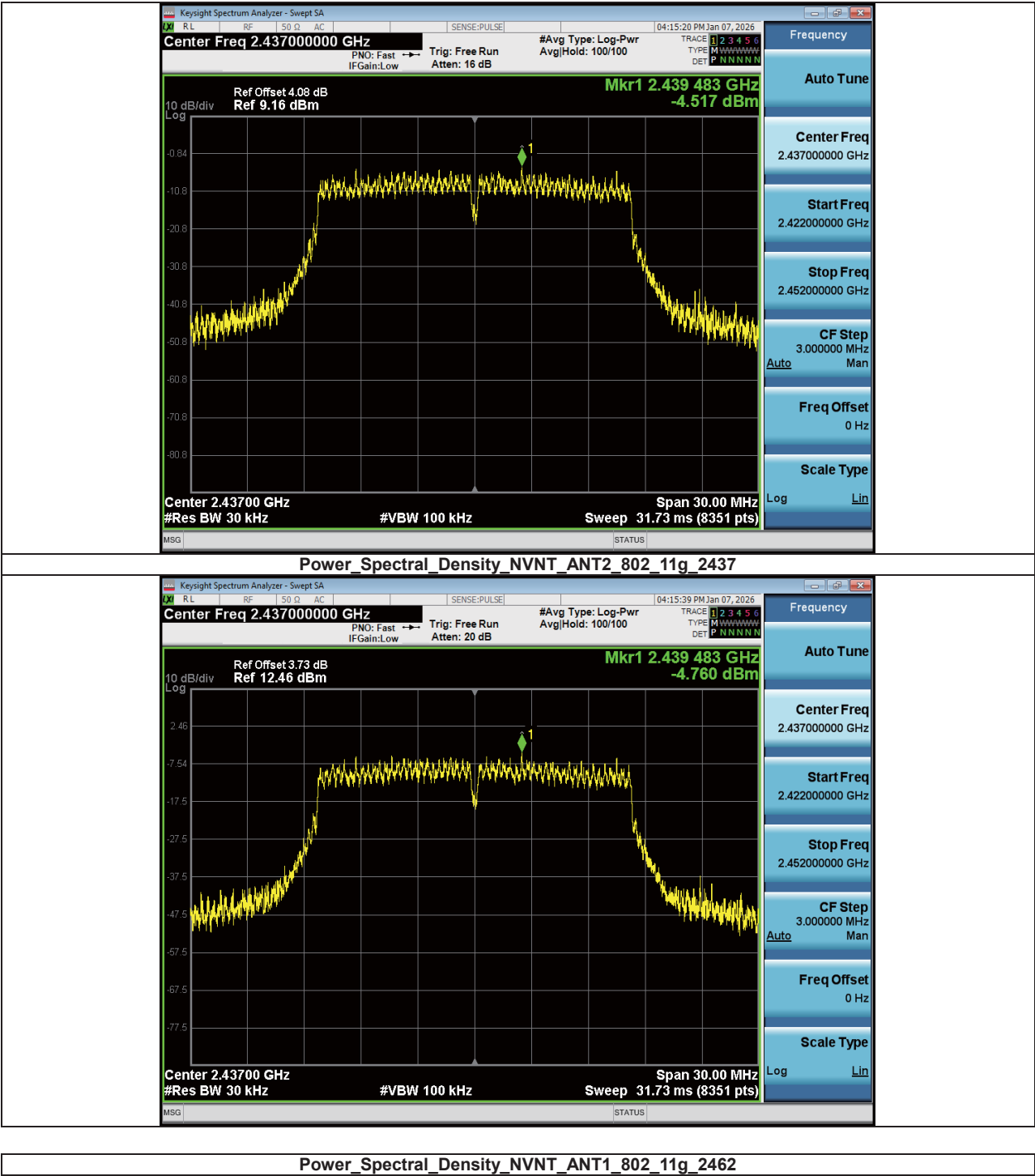
Condition	Antenna	Modulation	Frequency (MHz)	SA_PSD (dBm/30kHz)	Duty factor(dB)	RB factor (dB)	PSD (dBm/3kHz)	Limit (dBm/3kHz)	Result
NVNT	ANT1	802.11b	2412.00	2.44	N/A	-10.00	-7.56	8	Pass
NVNT	ANT2	802.11b	2412.00	3.98	N/A	-10.00	-6.03	8	Pass
NVNT	ANT1	802.11b	2437.00	0.98	N/A	-10.00	-9.02	8	Pass
NVNT	ANT2	802.11b	2437.00	2.09	N/A	-10.00	-7.91	8	Pass
NVNT	ANT1	802.11b	2462.00	1.93	N/A	-10.00	-8.07	8	Pass
NVNT	ANT2	802.11b	2462.00	3.36	N/A	-10.00	-6.64	8	Pass
NVNT	ANT1	802.11g	2412.00	-5.80	N/A	-10.00	-15.80	8	Pass
NVNT	ANT2	802.11g	2412.00	-5.92	N/A	-10.00	-15.92	8	Pass
NVNT	ANT1	802.11g	2437.00	-4.52	N/A	-10.00	-14.52	8	Pass
NVNT	ANT2	802.11g	2437.00	-4.76	N/A	-10.00	-14.76	8	Pass
NVNT	ANT1	802.11g	2462.00	-5.49	N/A	-10.00	-15.49	8	Pass
NVNT	ANT2	802.11g	2462.00	-5.85	N/A	-10.00	-15.85	8	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	-7.21	N/A	-10.00	-17.21	8	Pass
NVNT	ANT2	802.11n(HT20)	2412.00	-7.48	N/A	-10.00	-17.48	8	Pass
NVNT	ANT1	802.11n(HT20)	2437.00	-7.25	N/A	-10.00	-17.25	8	Pass
NVNT	ANT2	802.11n(HT20)	2437.00	-7.58	N/A	-10.00	-17.59	8	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	-7.15	N/A	-10.00	-17.15	8	Pass
NVNT	ANT2	802.11n(HT20)	2462.00	-6.61	N/A	-10.00	-16.61	8	Pass
NVNT	ANT1	802.11n(HT40)	2422.00	-9.46	N/A	-10.00	-19.46	8	Pass
NVNT	ANT2	802.11n(HT40)	2422.00	-9.78	N/A	-10.00	-19.78	8	Pass
NVNT	ANT1	802.11n(HT40)	2437.00	-9.17	N/A	-10.00	-19.17	8	Pass
NVNT	ANT2	802.11n(HT40)	2437.00	-9.51	N/A	-10.00	-19.51	8	Pass
NVNT	ANT1	802.11n(HT40)	2452.00	-8.14	N/A	-10.00	-18.14	8	Pass
NVNT	ANT2	802.11n(HT40)	2452.00	-8.35	N/A	-10.00	-18.35	8	Pass

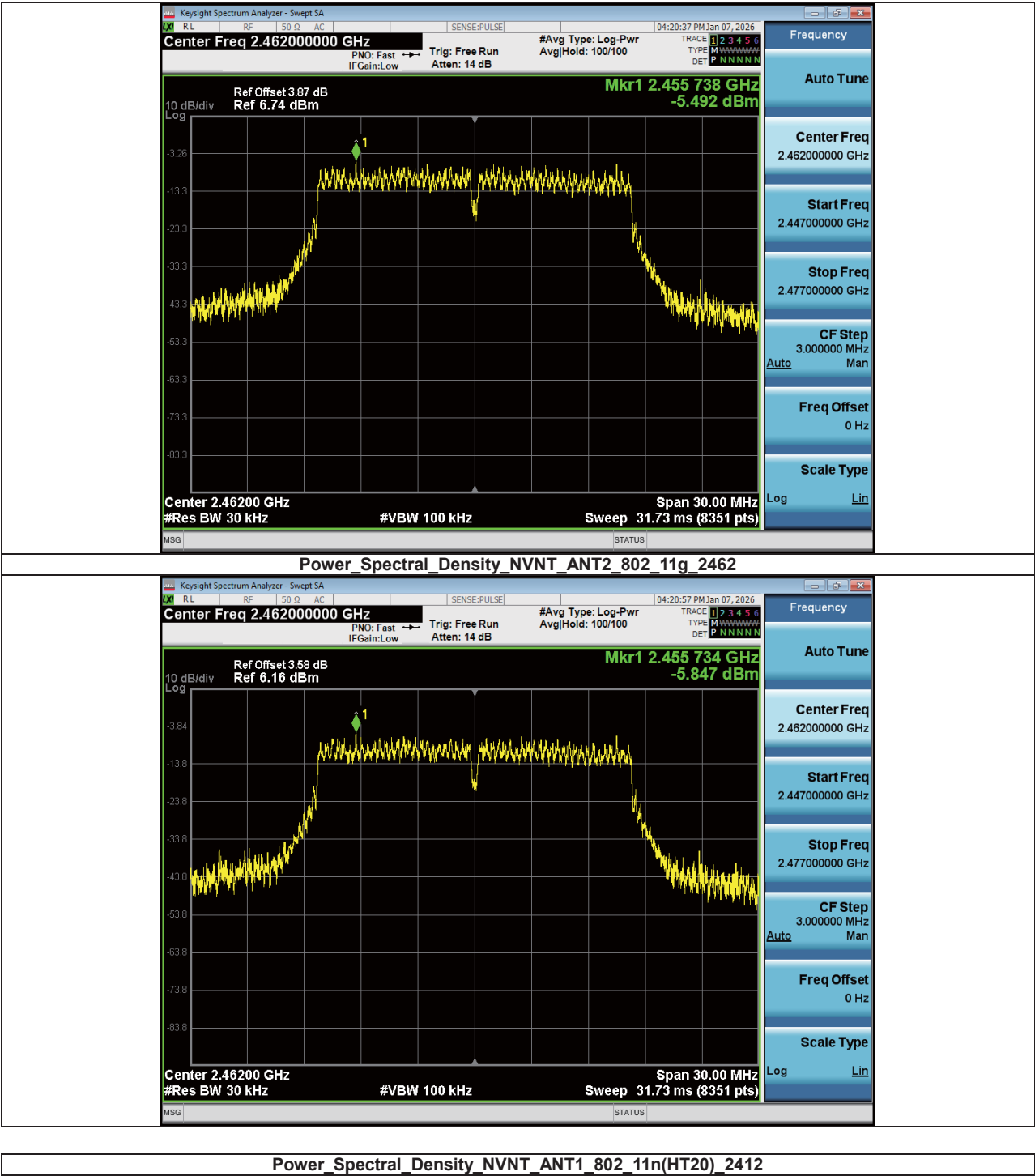


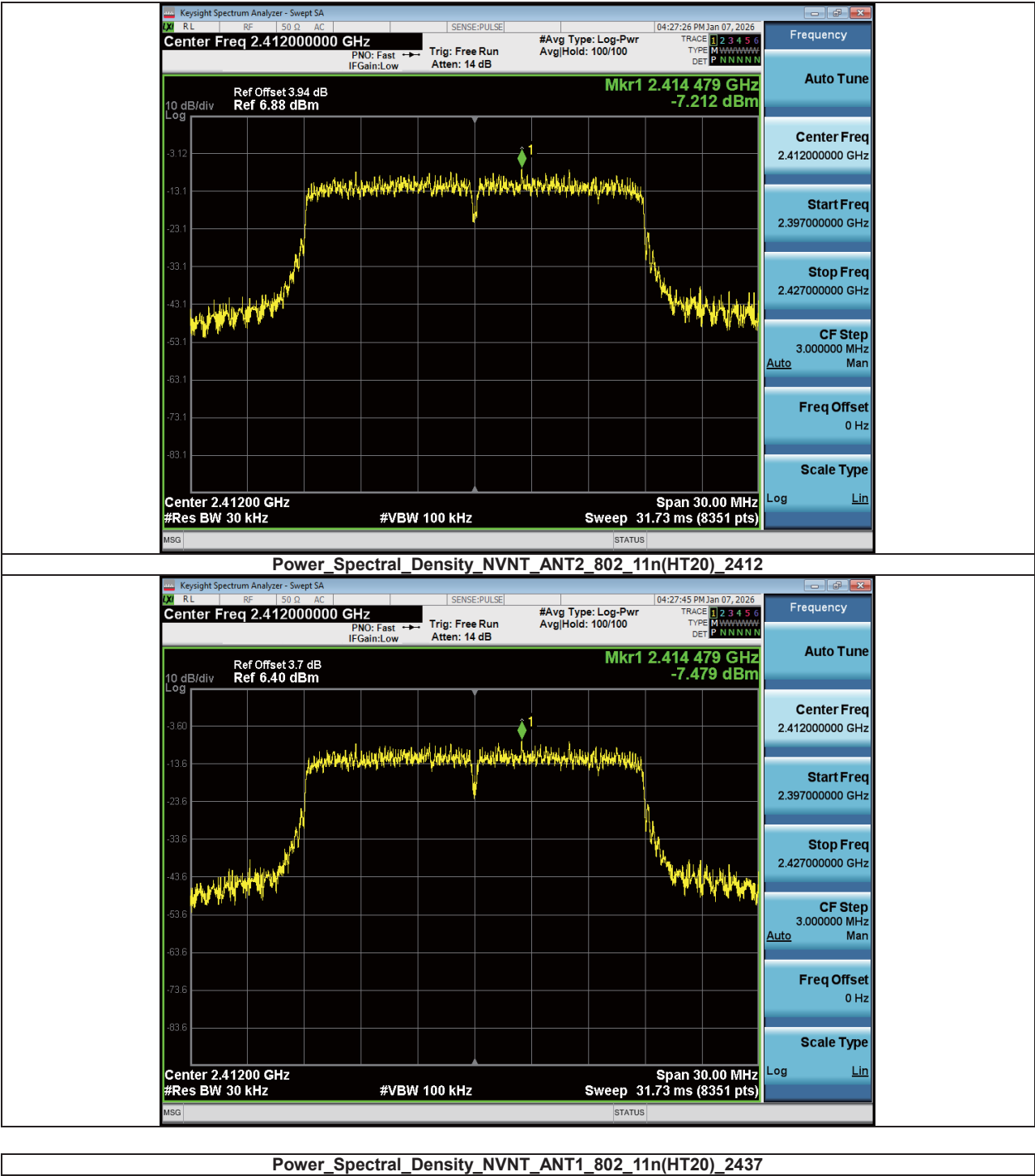


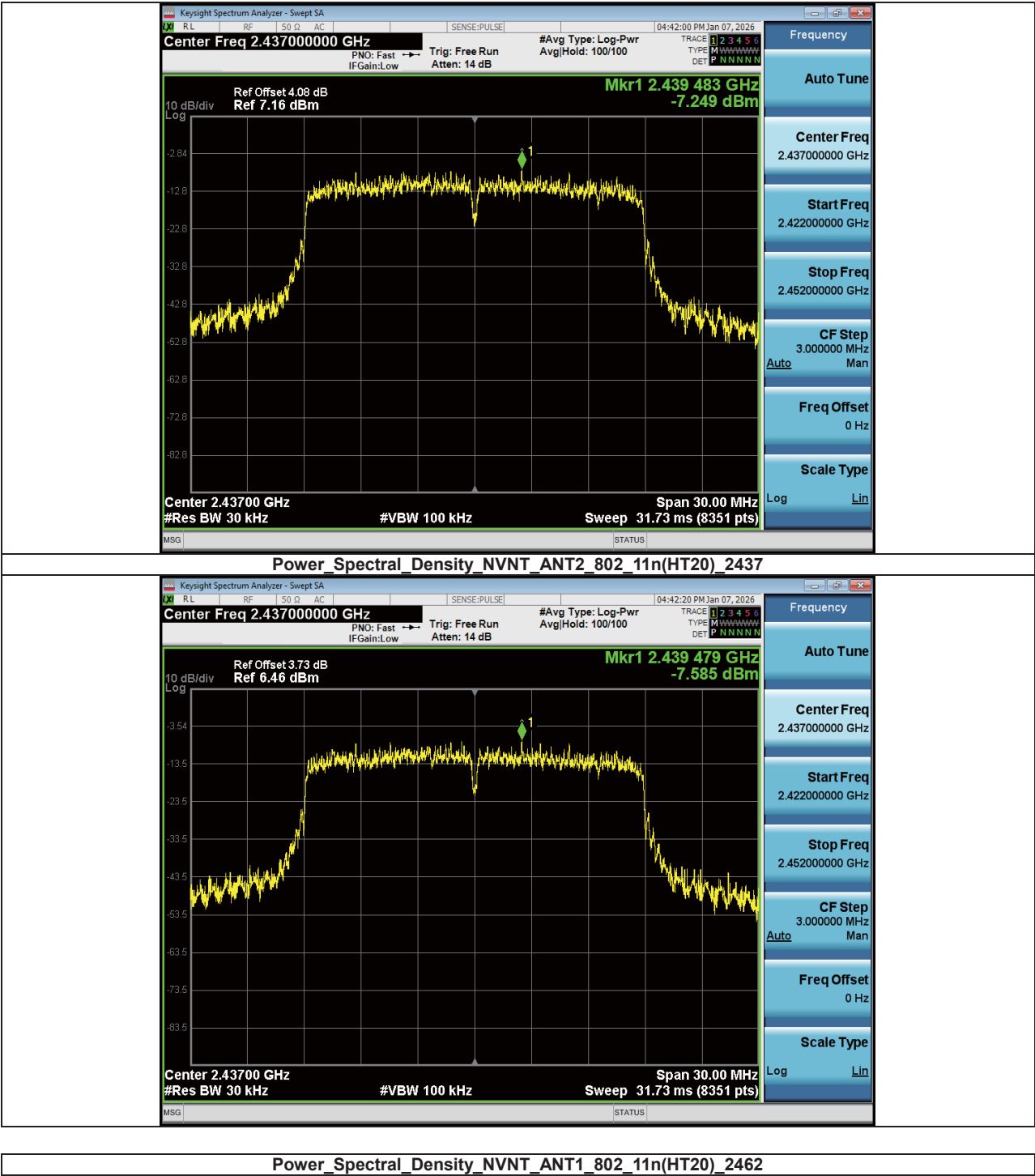


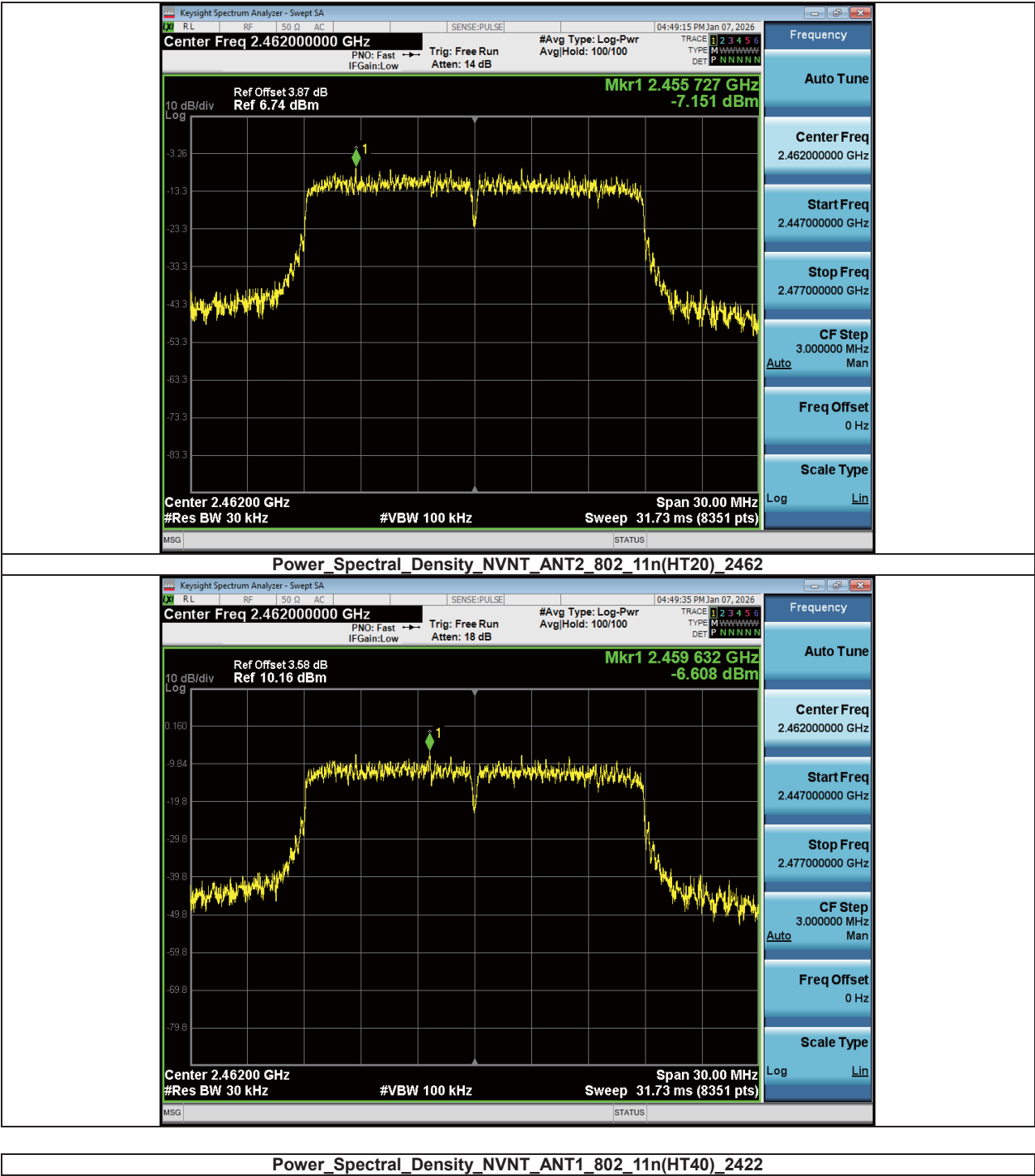


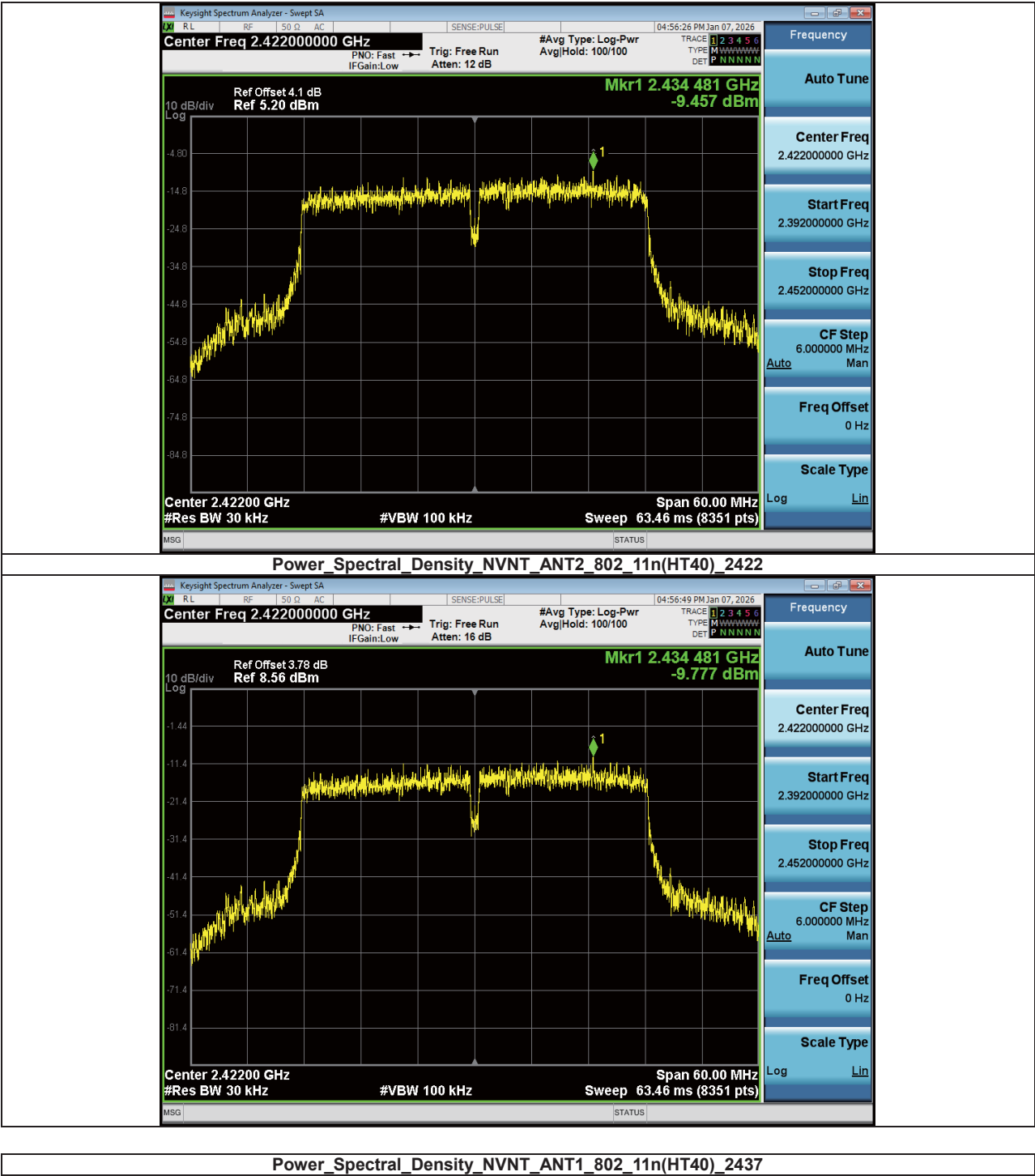


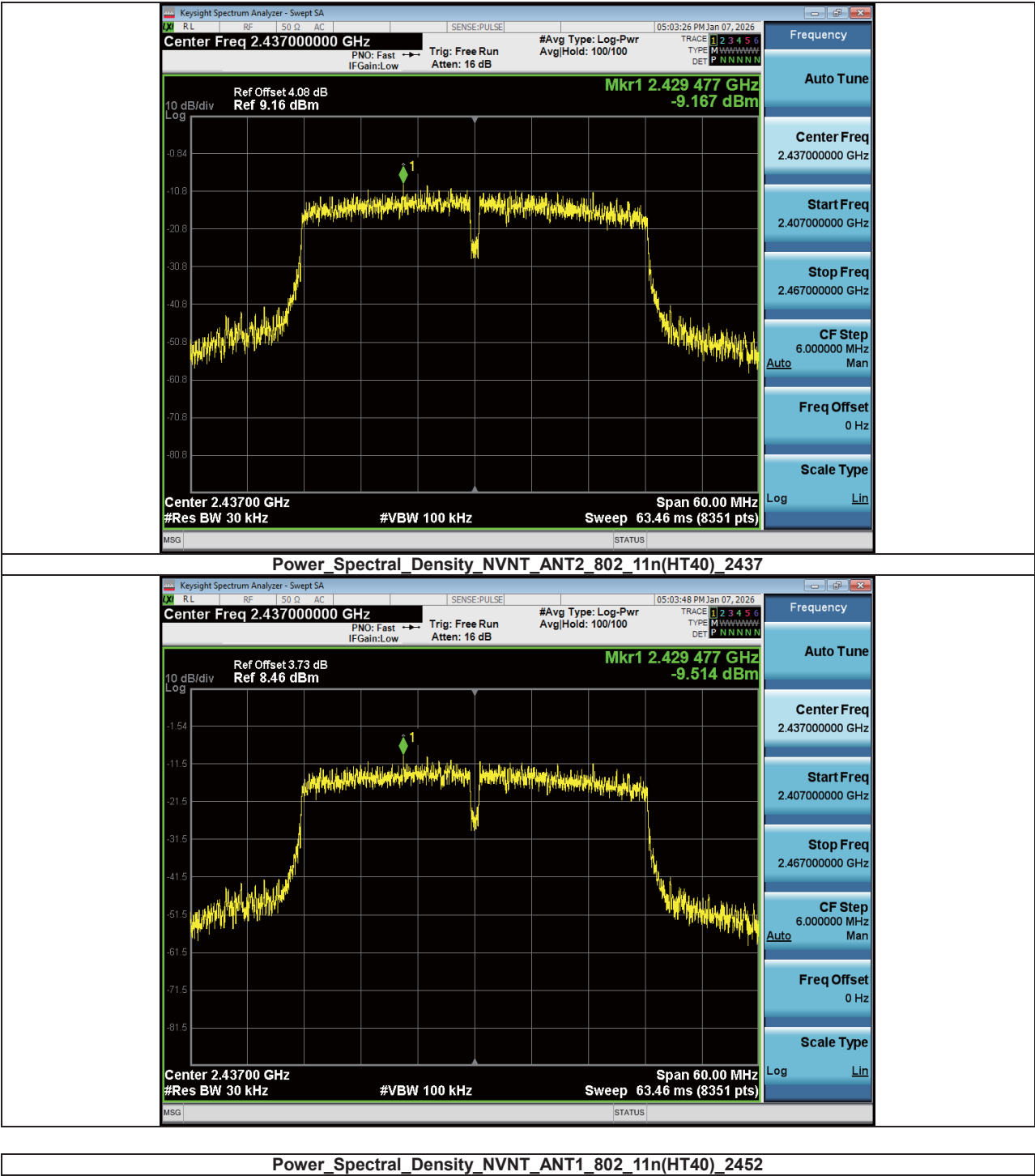


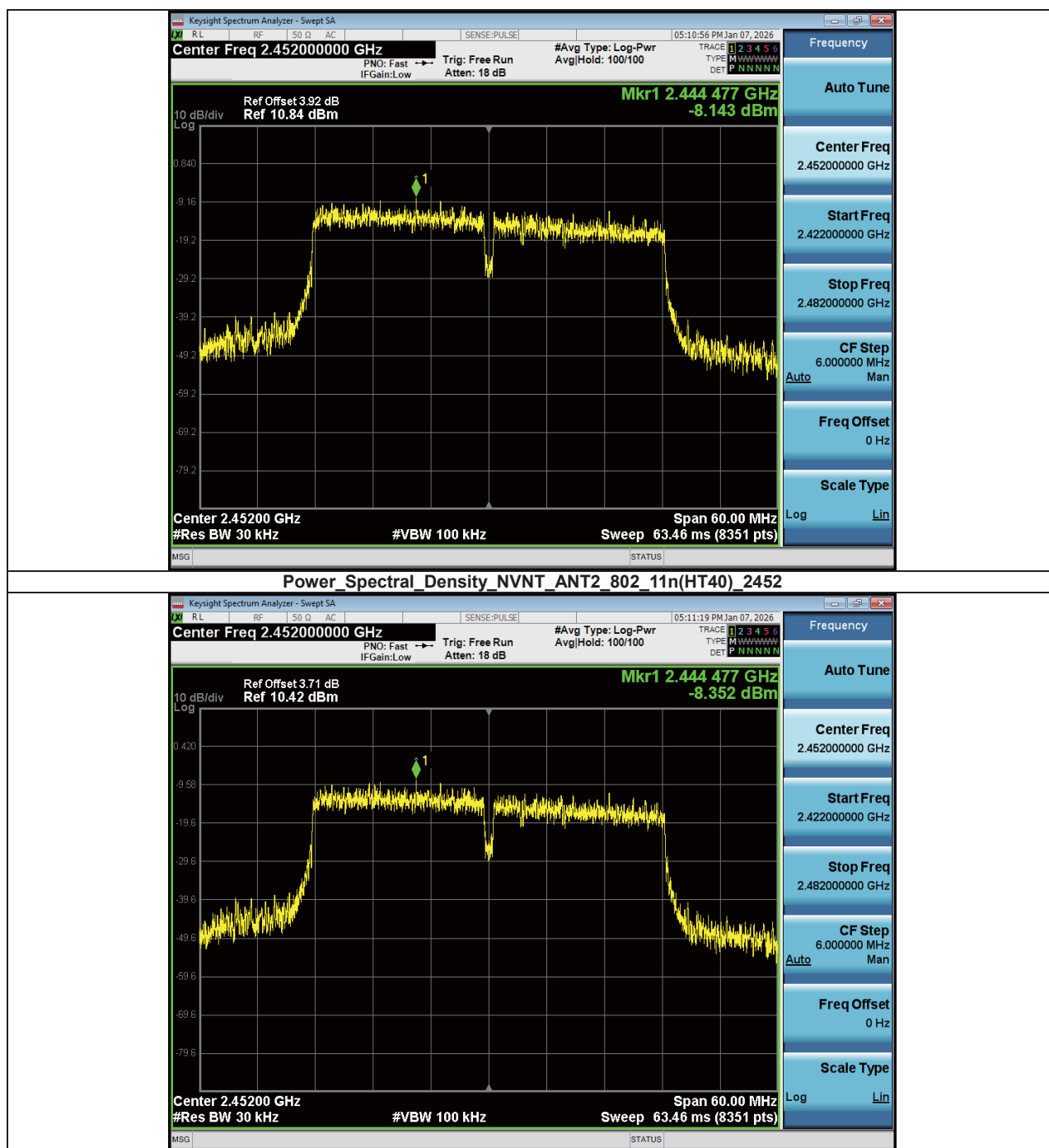






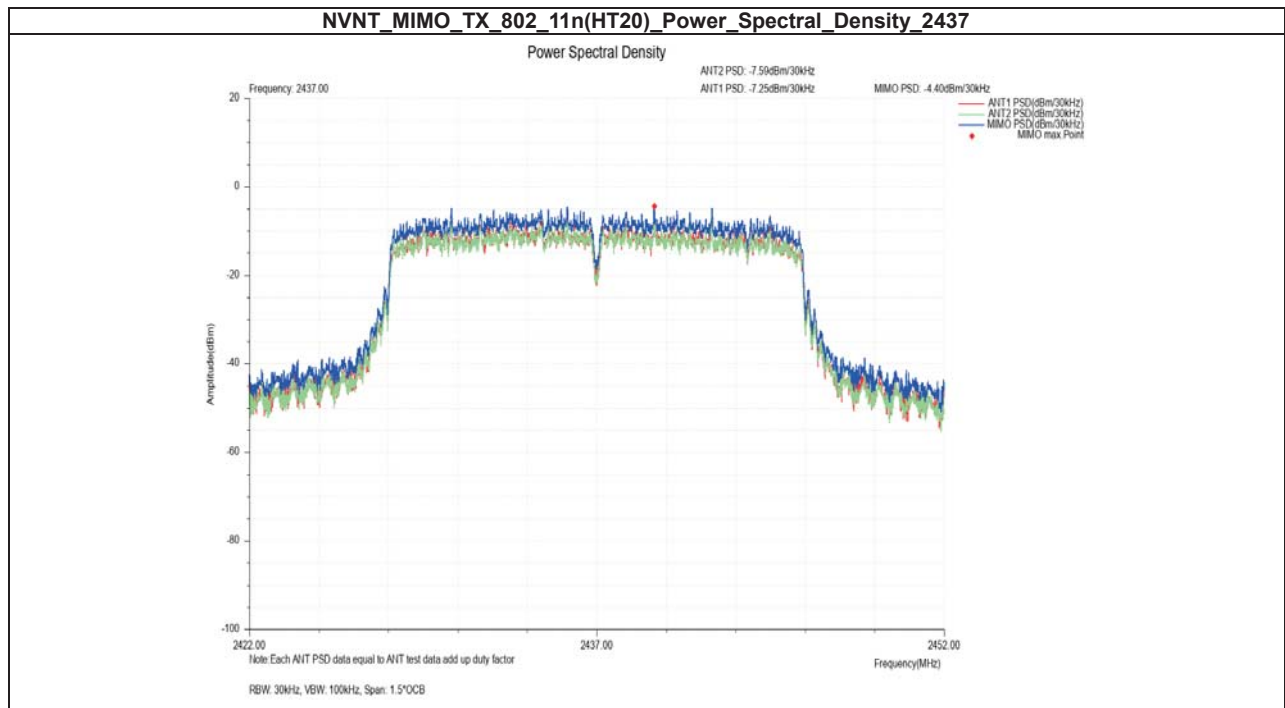
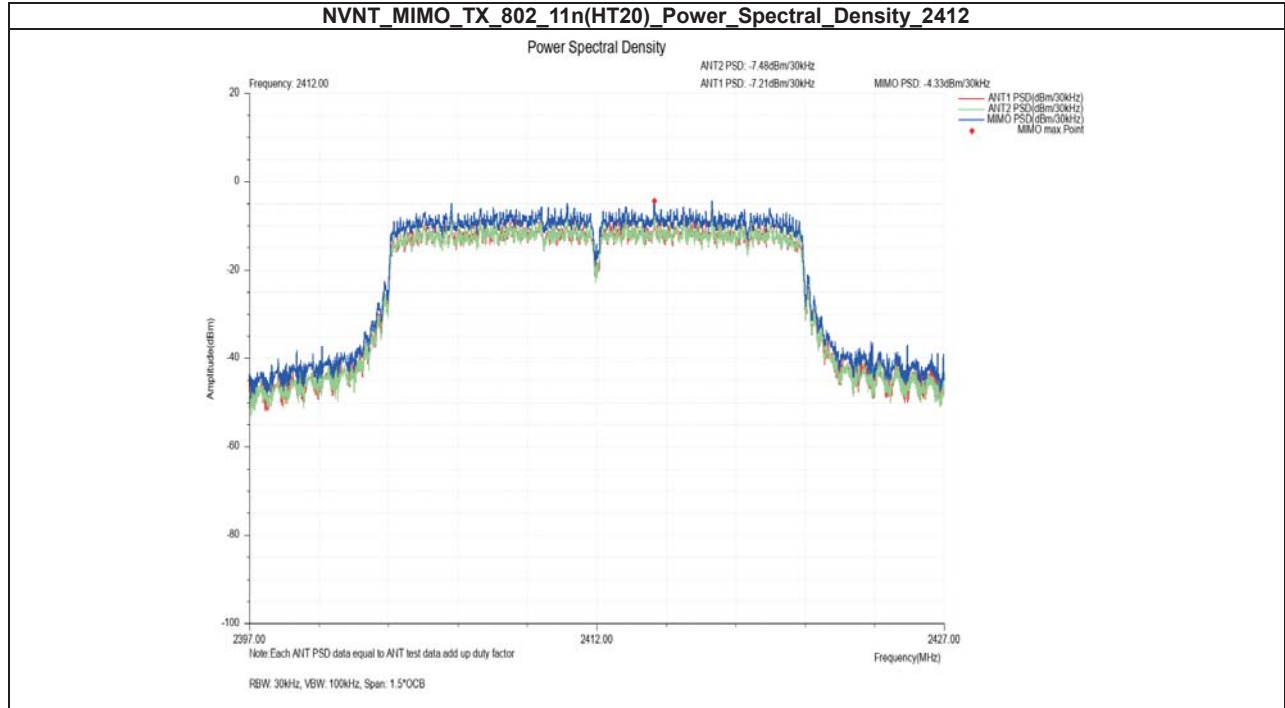


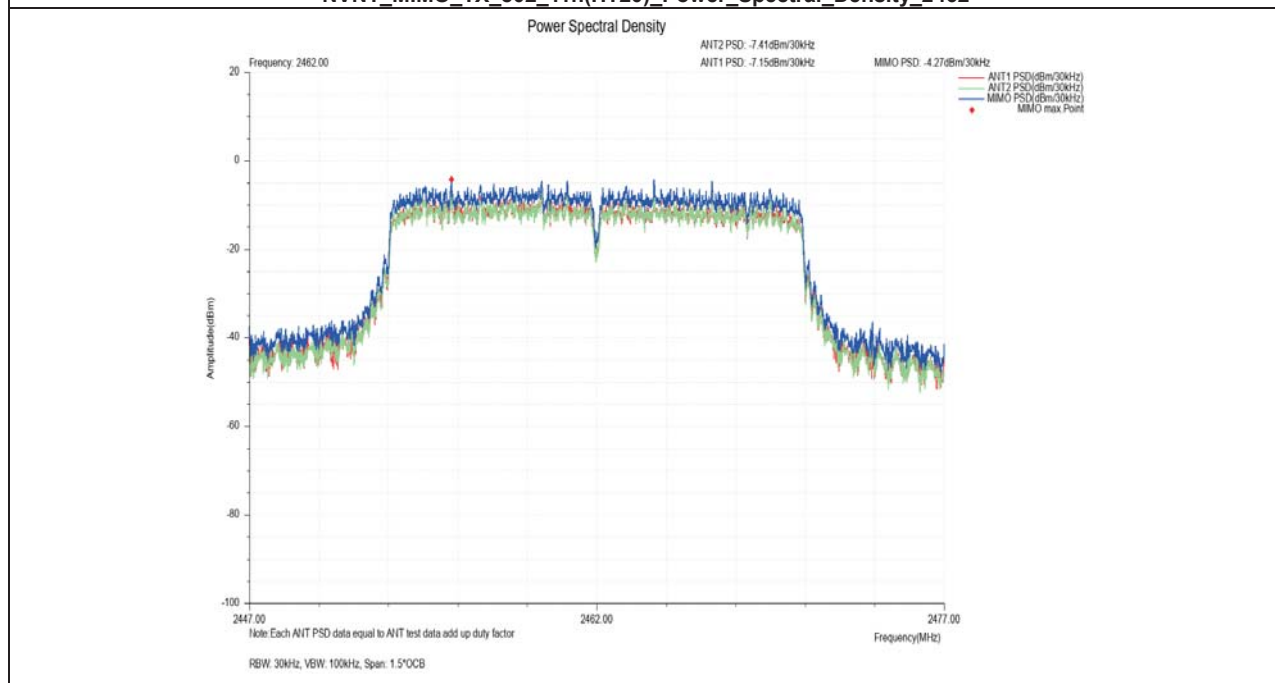
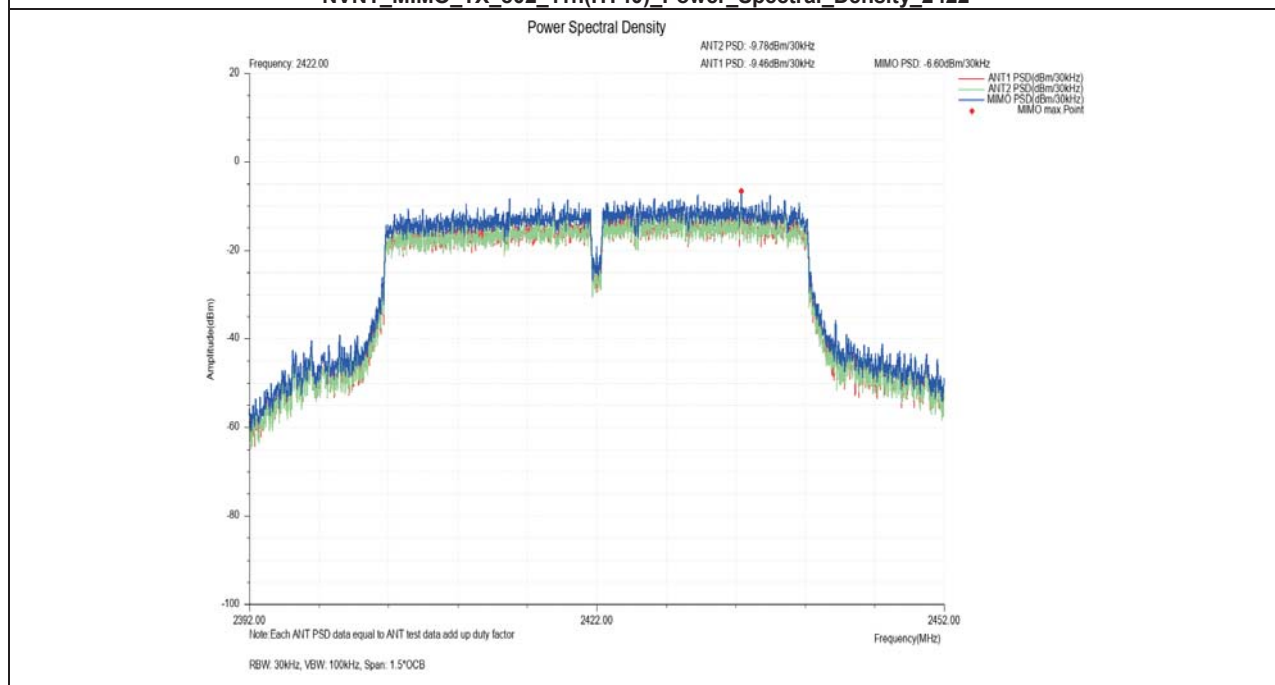


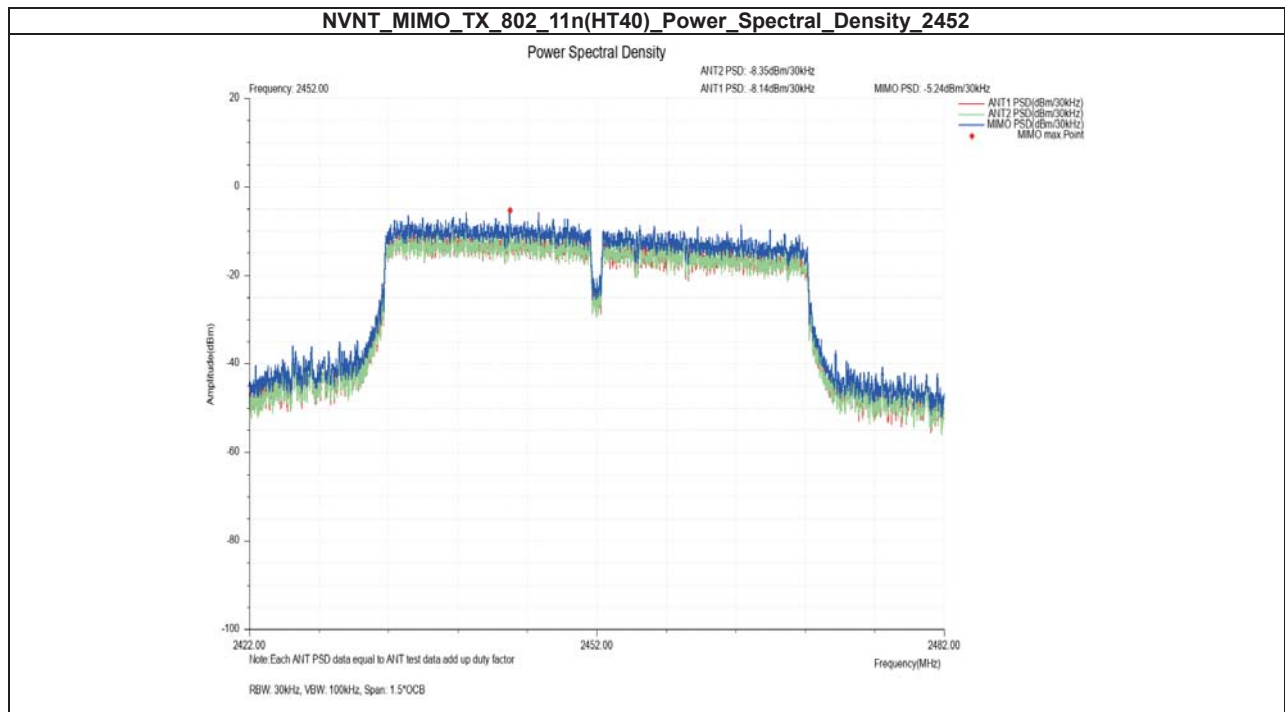
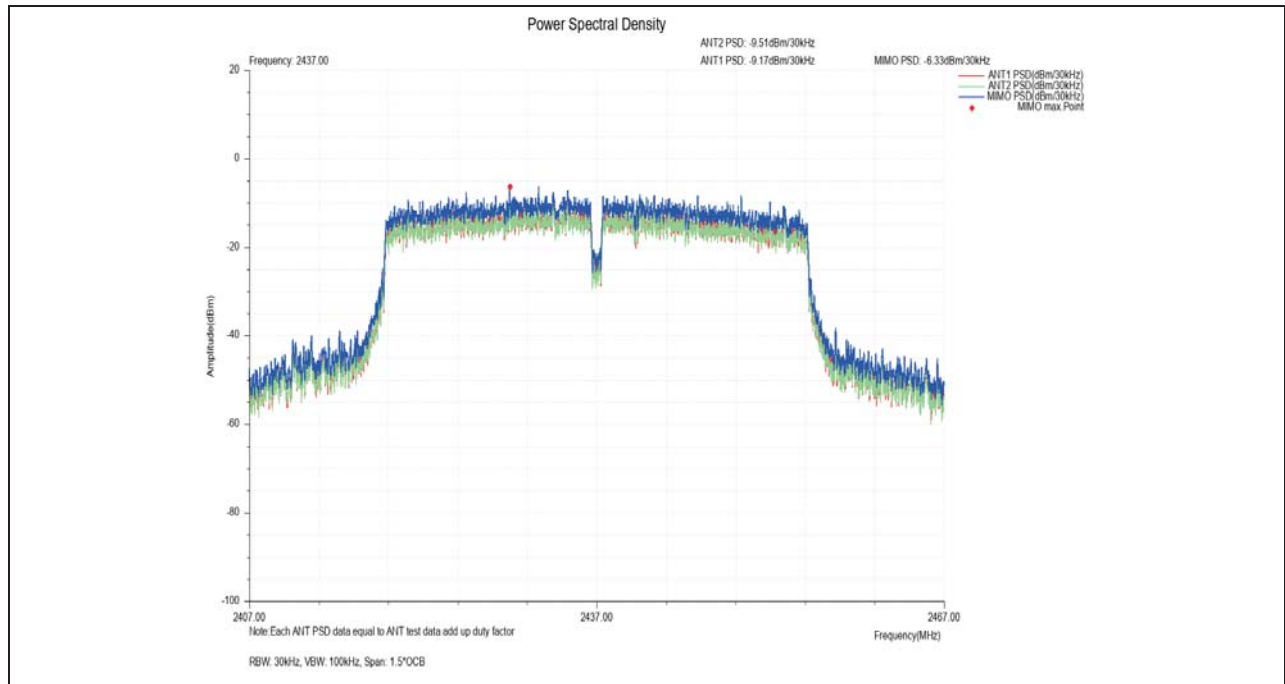


Condition	Antenna	Modulation	Frequency (MHz)	SA_MIMO_PSD (dBm/30kHz)	RB factor(dB)	MIMO_PSD (dBm/3kHz)	limit(dBm/3kHz)	Result
NVNT	MIMO_TX	802.11n(HT20)	2412.00	-4.33	-10	-14.33	6.12	Pass
NVNT	MIMO_TX	802.11n(HT20)	2437.00	-4.40	-10	-14.40	6.12	Pass
NVNT	MIMO_TX	802.11n(HT20)	2462.00	-4.27	-10	-14.27	6.12	Pass
NVNT	MIMO_TX	802.11n(HT40)	2422.00	-6.60	-10	-16.60	6.12	Pass
NVNT	MIMO_TX	802.11n(HT40)	2437.00	-6.33	-10	-16.33	6.12	Pass
NVNT	MIMO_TX	802.11n(HT40)	2452.00	-5.24	-10	-15.24	6.12	Pass

Note: MIMO Limit= $8-(7.88-6)=6.12$ dBm/3kHz



NVNT_MIMO_TX_802_11n(HT20)_Power_Spectral_Density_2462**NVNT_MIMO_TX_802_11n(HT40)_Power_Spectral_Density_2422****NVNT_MIMO_TX_802_11n(HT40)_Power_Spectral_Density_2437**



8. Occupied Bandwidth

8.1. Test limits

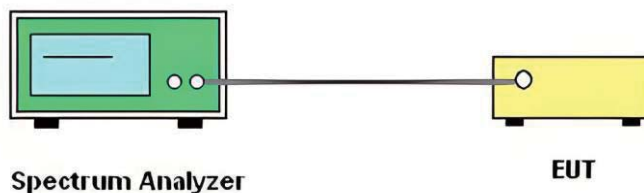
Systems using digital modulation techniques may operate in the 902-928 MHz, and 2400-2483.5 MHz bands. The minimum 6 dB bandwidth shall be at least 500 kHz

8.2. Test Procedure

Details see the KDB558074 D01 Meas Guidance v05r02

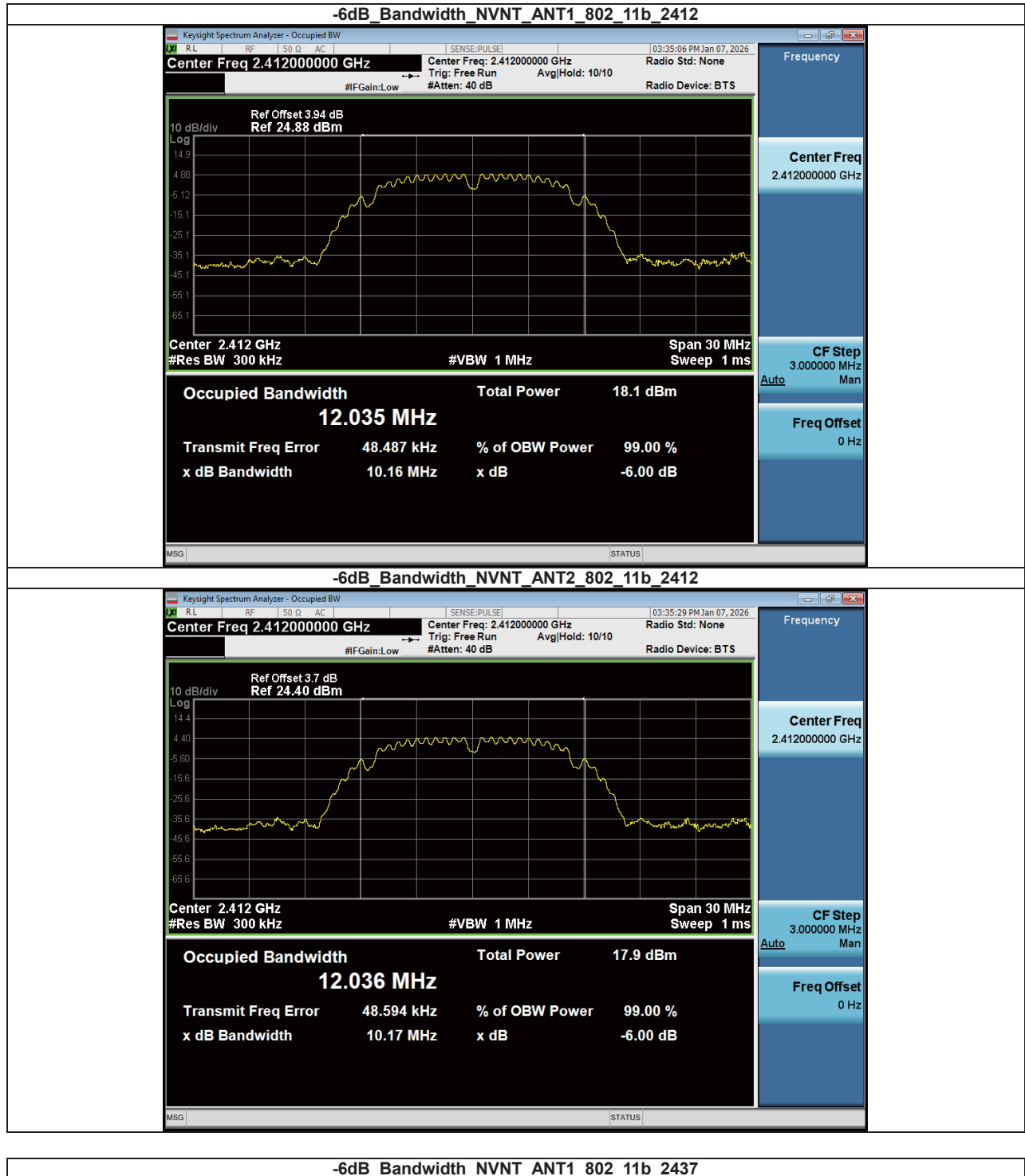
- The bandwidth is measured at an amplitude level reduced 6dB from the reference level. The reference level is the level of the highest amplitude signal observed from the transmitter at the fundamental frequency. Once the reference level is established, the equipment is conditioned with typical modulating signal to produce the worst-case (i.e. the widest) bandwidth.
- The test receiver set RBW = 100kHz, VBW $\geq$ 3*RBW =300kHz, Peak Detector, Sweep time set auto, detail see the test plot.
- The test receiver set RBW =1-5%BW, VBW>3*RBW, Sweep time set auto, detail see the test plot for 99%Bandwidth.

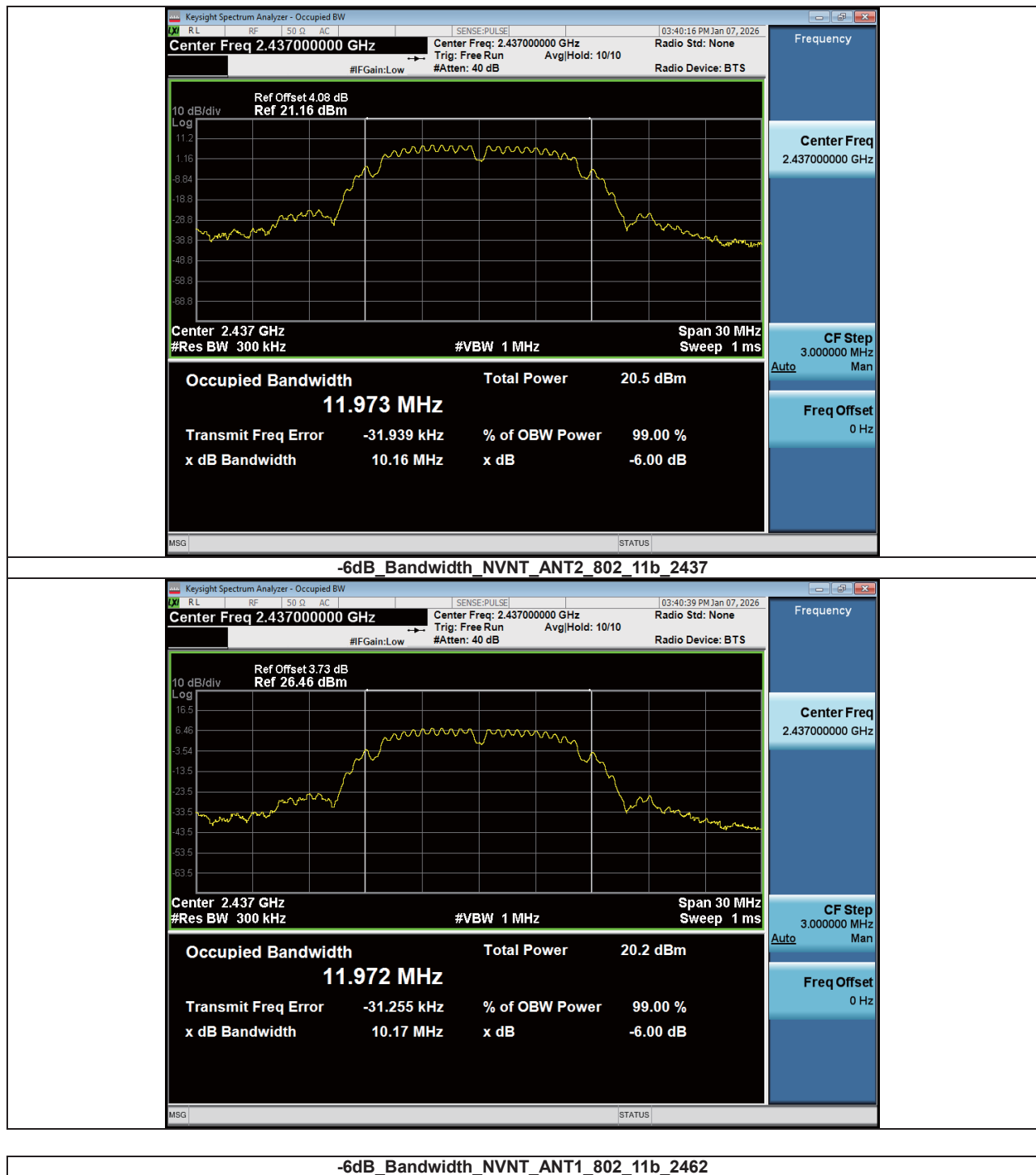
8.3. Test Setup

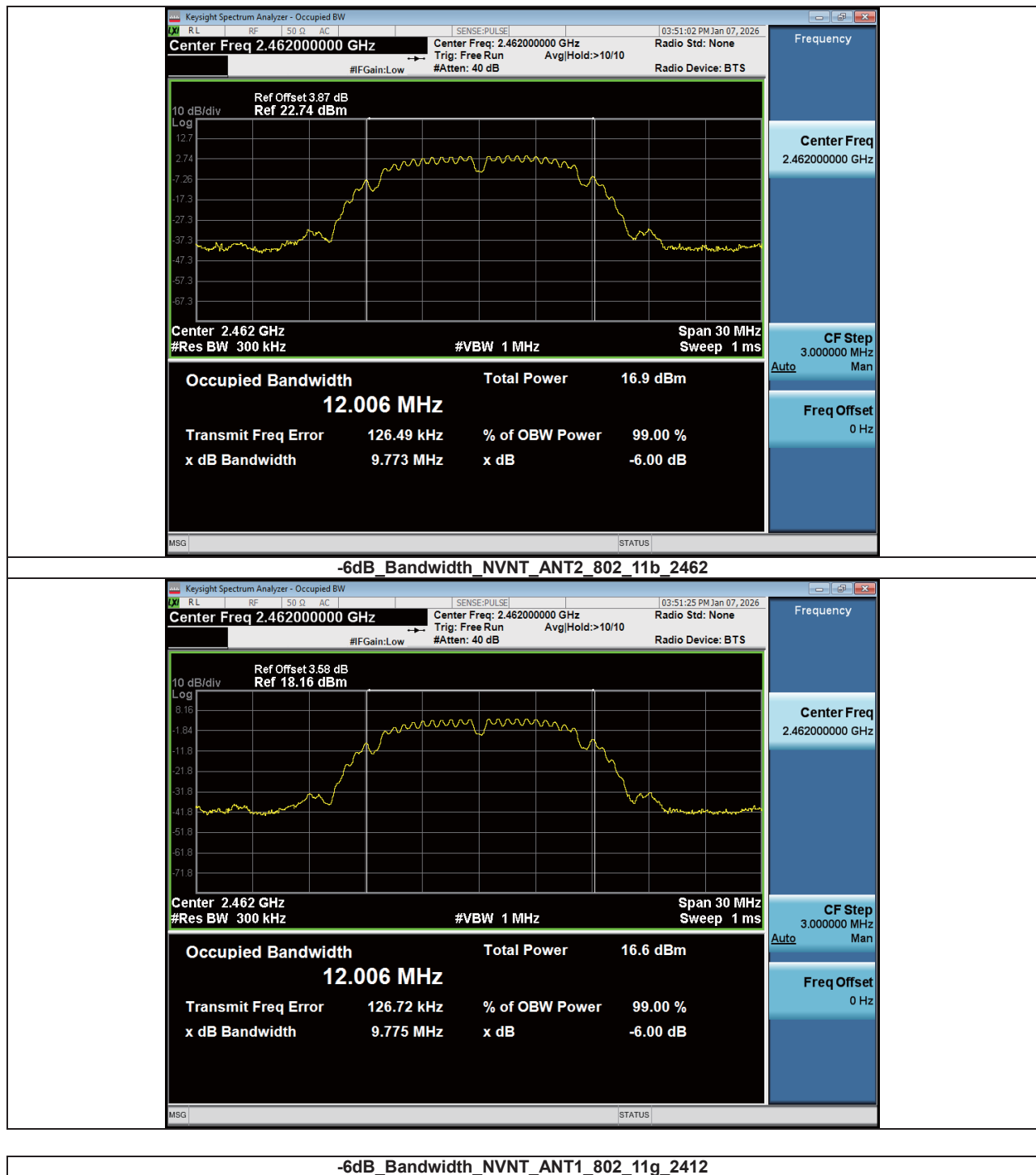


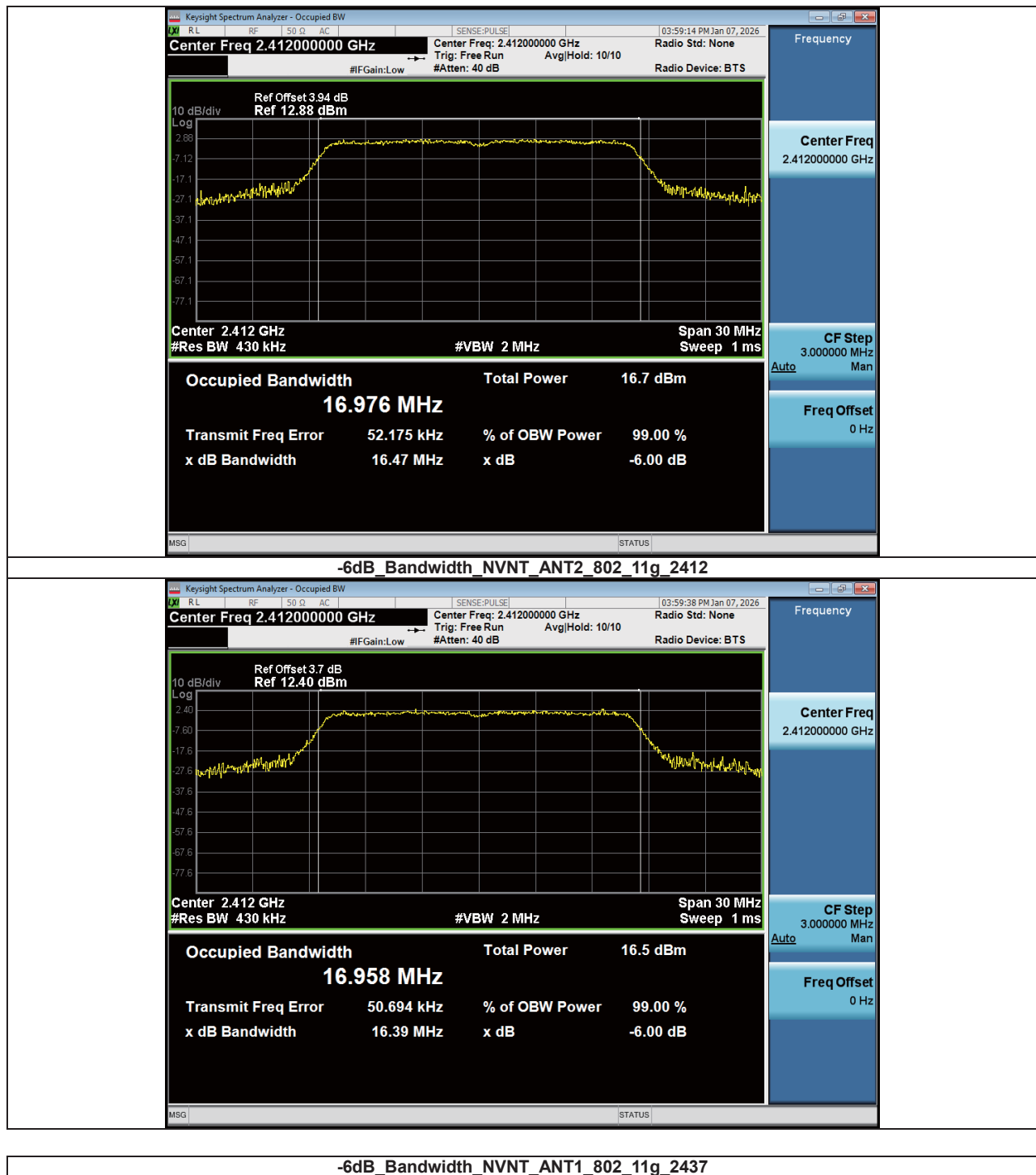
8.4. Test Results

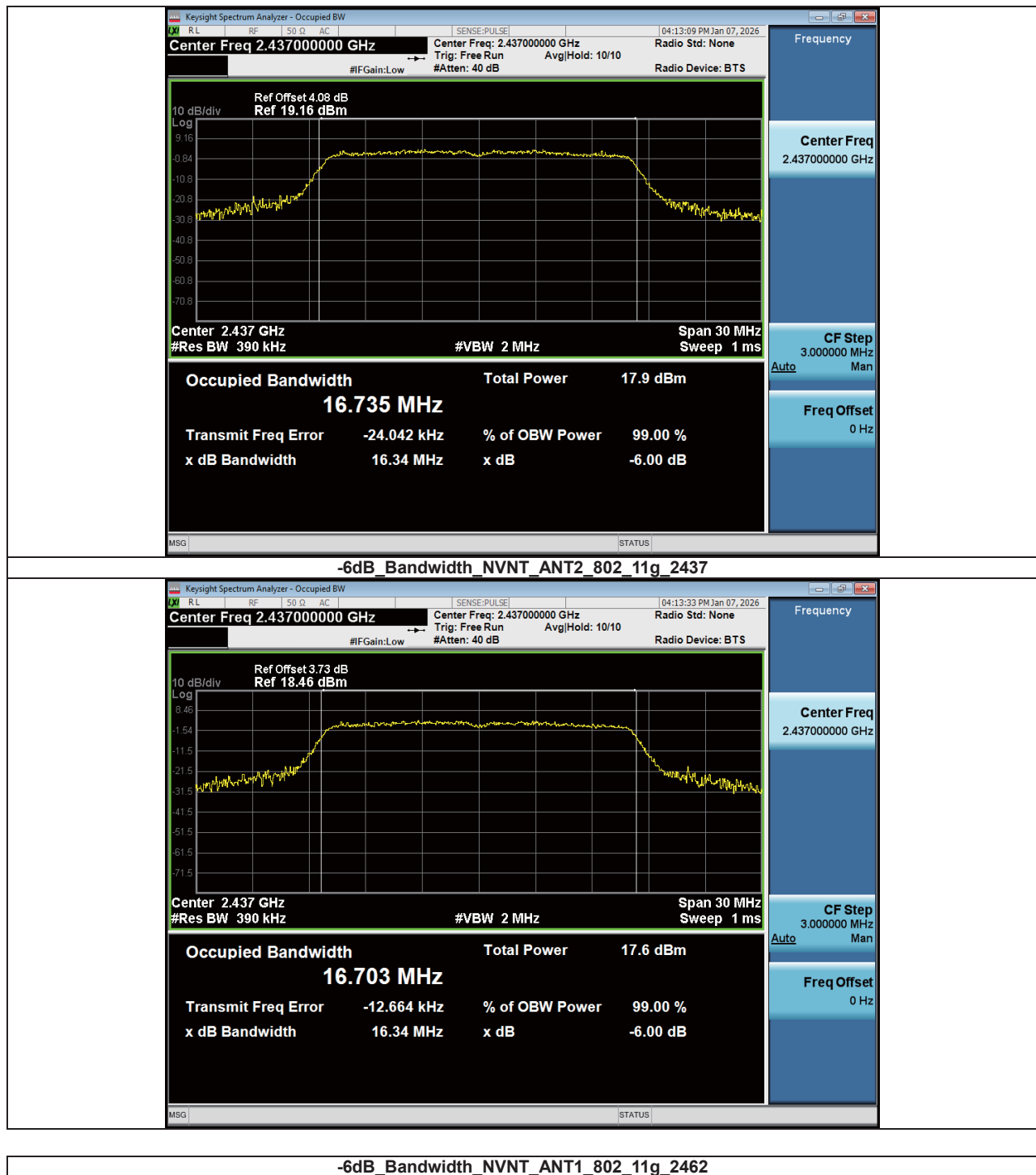
Condition	Antenna	Modulation	Frequency (MHz)	-6dB BW(MHz)	limit(kHz)	Result
NVNT	ANT1	802.11b	2412.00	10.16	500	Pass
NVNT	ANT2	802.11b	2412.00	10.17	500	Pass
NVNT	ANT1	802.11b	2437.00	10.16	500	Pass
NVNT	ANT2	802.11b	2437.00	10.17	500	Pass
NVNT	ANT1	802.11b	2462.00	9.77	500	Pass
NVNT	ANT2	802.11b	2462.00	9.77	500	Pass
NVNT	ANT1	802.11g	2412.00	16.47	500	Pass
NVNT	ANT2	802.11g	2412.00	16.39	500	Pass
NVNT	ANT1	802.11g	2437.00	16.34	500	Pass
NVNT	ANT2	802.11g	2437.00	16.34	500	Pass
NVNT	ANT1	802.11g	2462.00	16.45	500	Pass
NVNT	ANT2	802.11g	2462.00	16.44	500	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	17.46	500	Pass
NVNT	ANT2	802.11n(HT20)	2412.00	17.35	500	Pass
NVNT	ANT1	802.11n(HT20)	2437.00	17.08	500	Pass
NVNT	ANT2	802.11n(HT20)	2437.00	17.06	500	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	17.37	500	Pass
NVNT	ANT2	802.11n(HT20)	2462.00	17.36	500	Pass
NVNT	ANT1	802.11n(HT40)	2422.00	35.83	500	Pass
NVNT	ANT2	802.11n(HT40)	2422.00	35.75	500	Pass
NVNT	ANT1	802.11n(HT40)	2437.00	35.35	500	Pass
NVNT	ANT2	802.11n(HT40)	2437.00	35.43	500	Pass
NVNT	ANT1	802.11n(HT40)	2452.00	35.69	500	Pass
NVNT	ANT2	802.11n(HT40)	2452.00	35.70	500	Pass

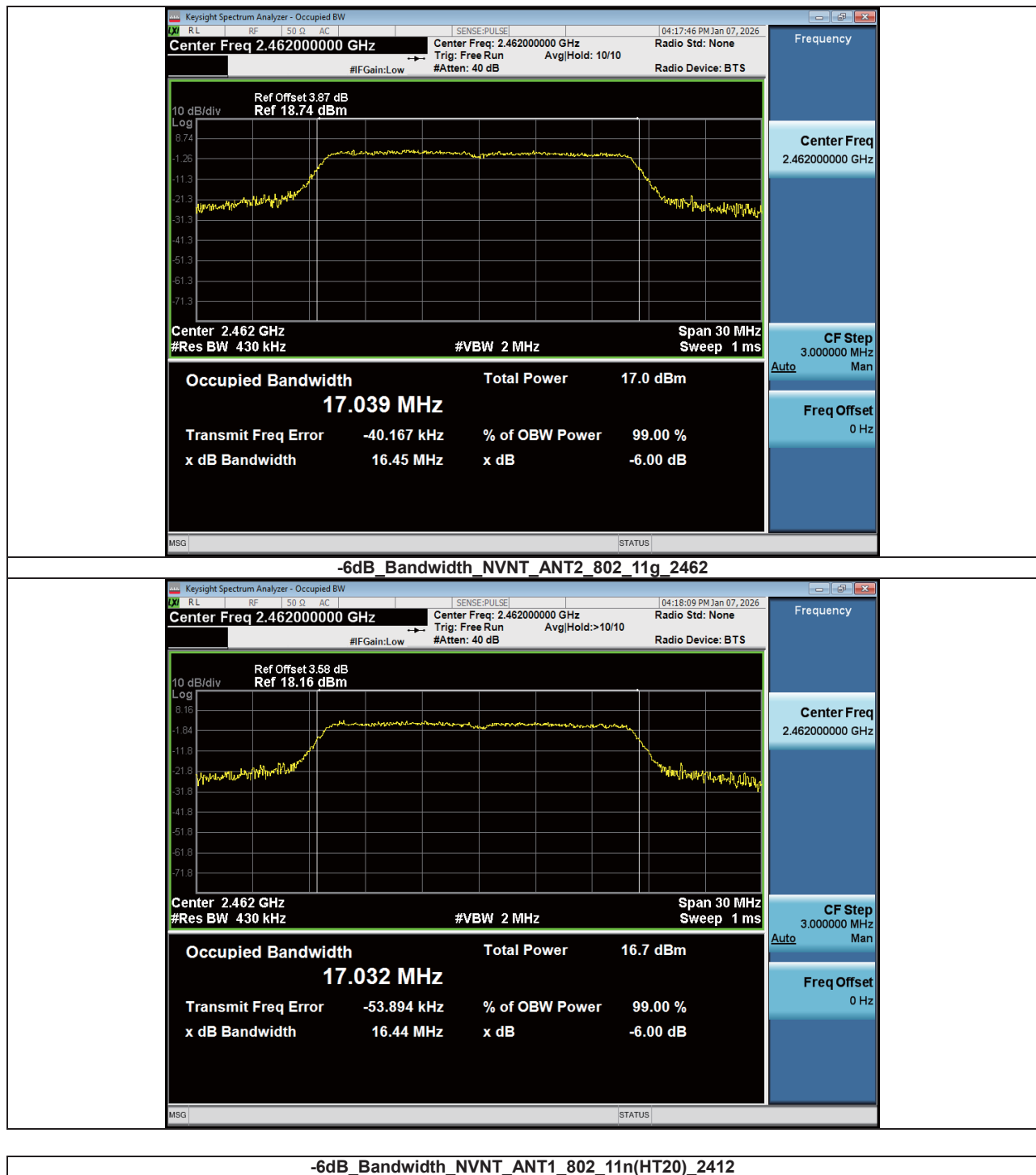


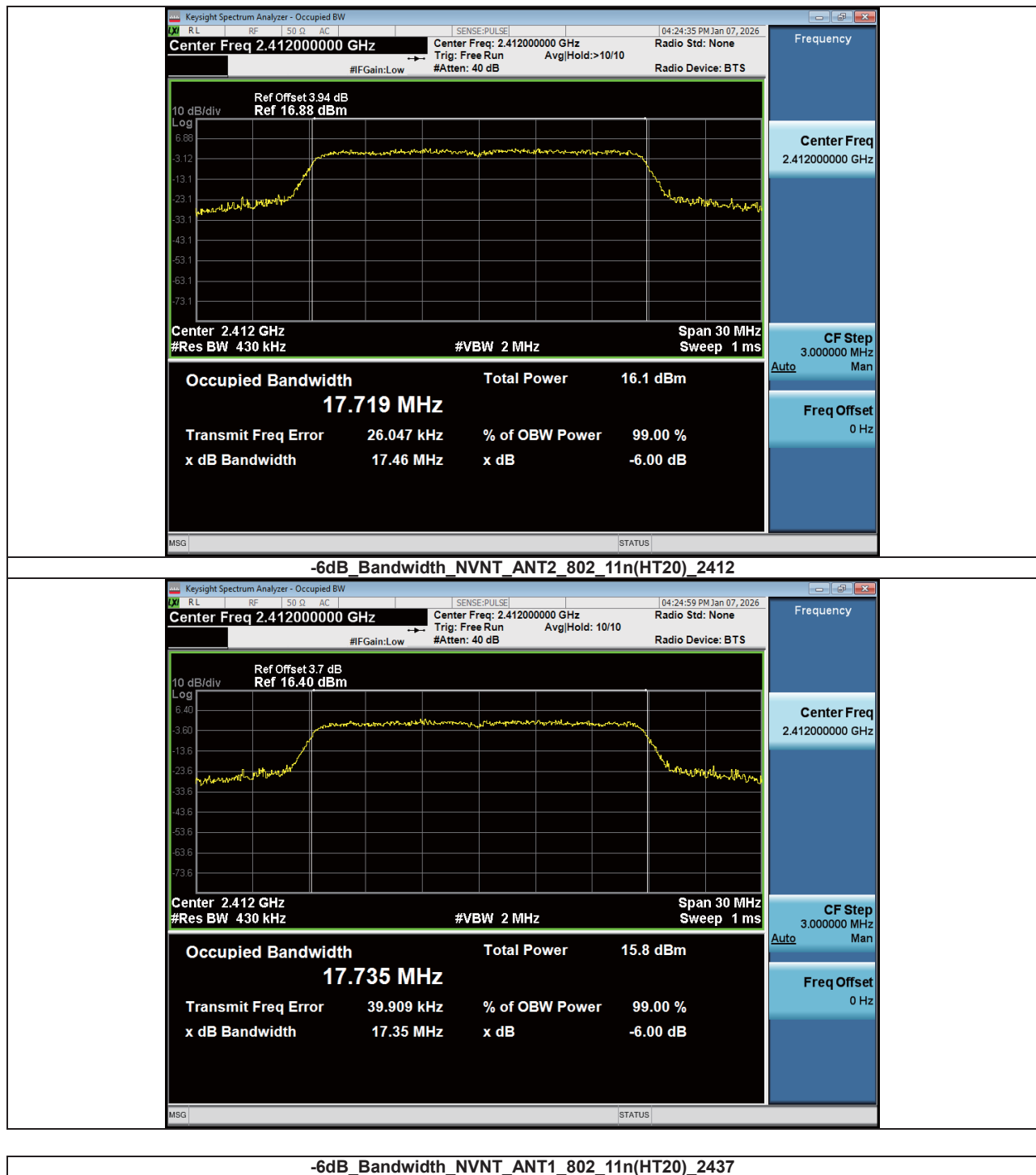


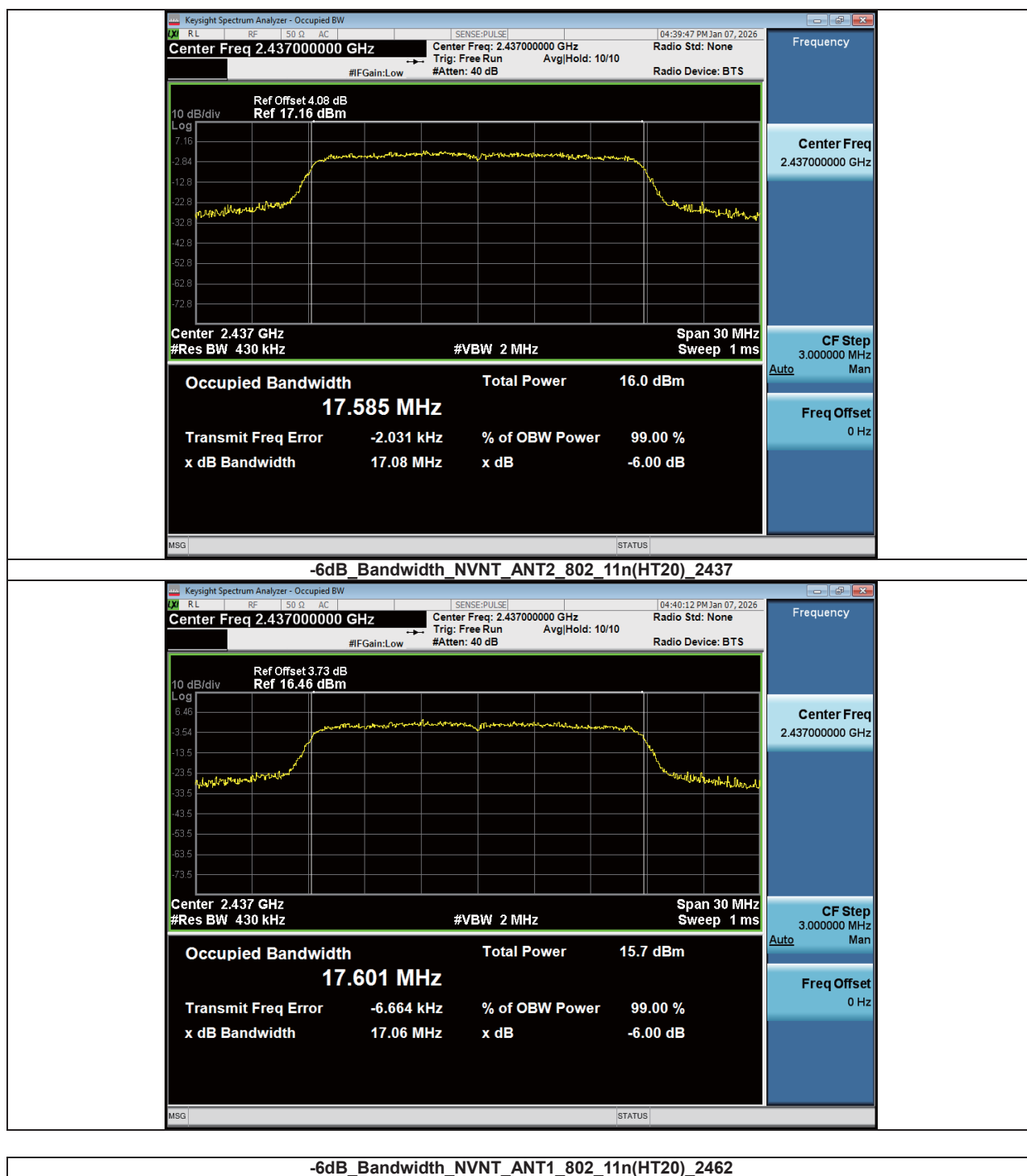


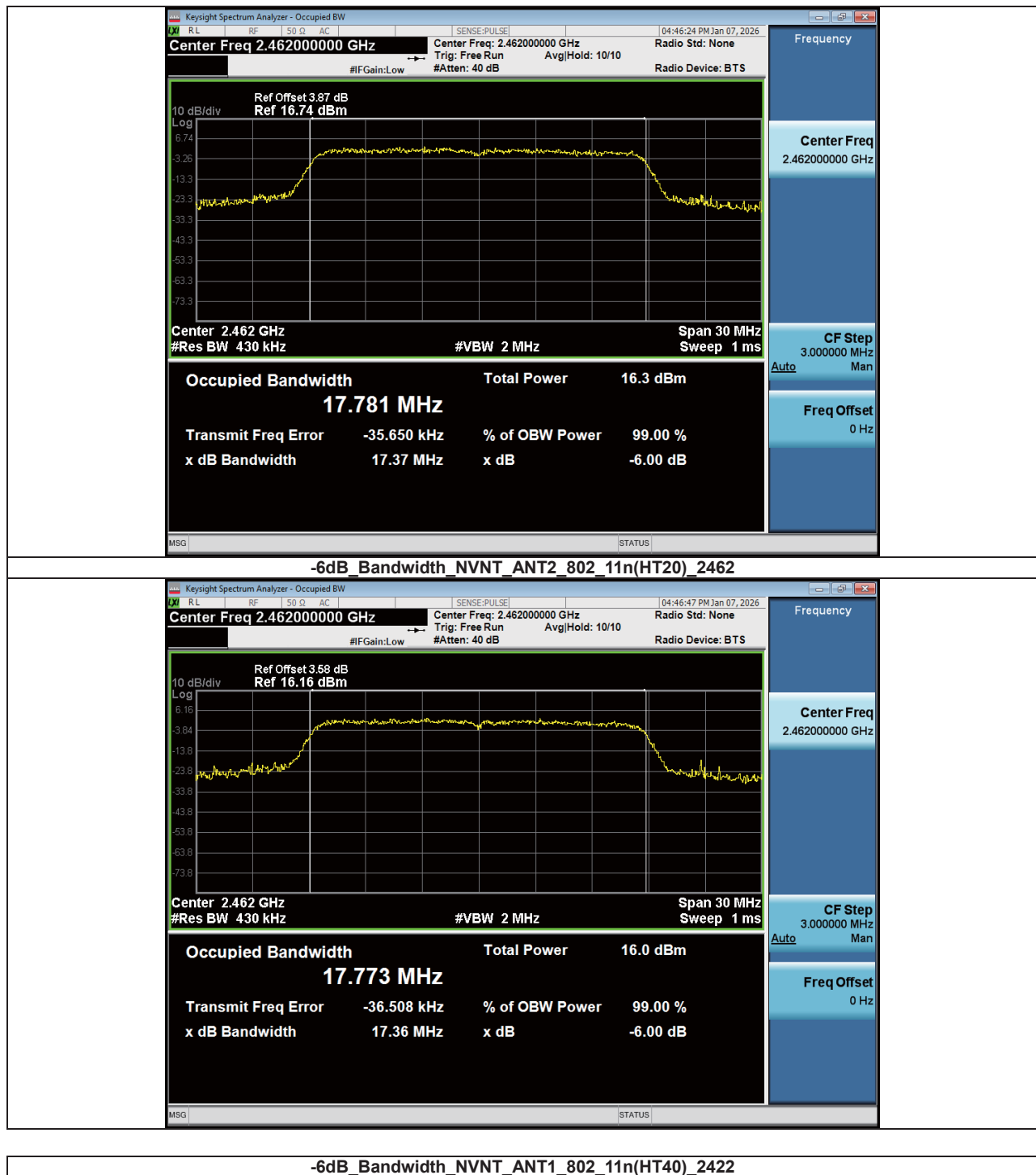


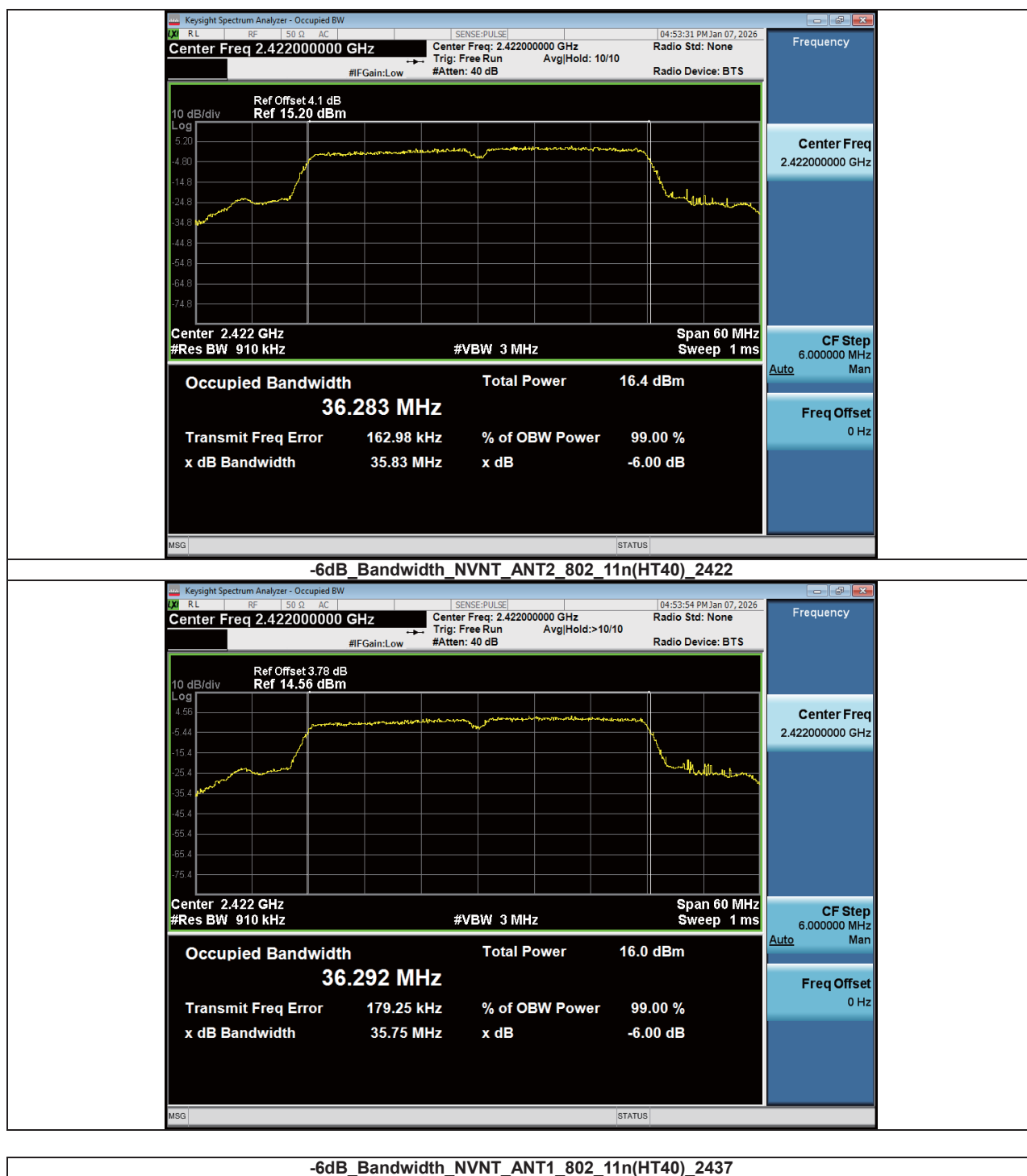


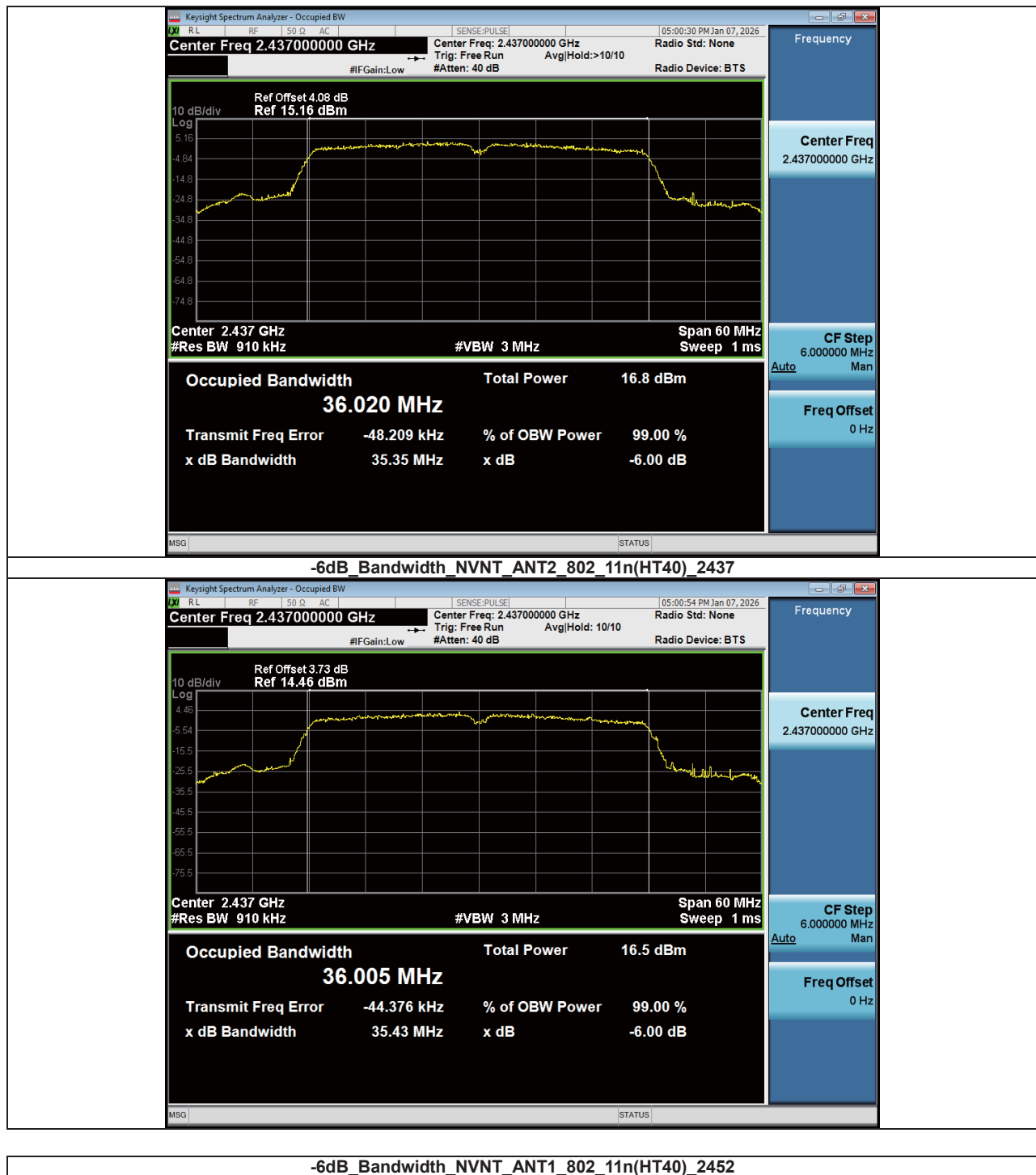


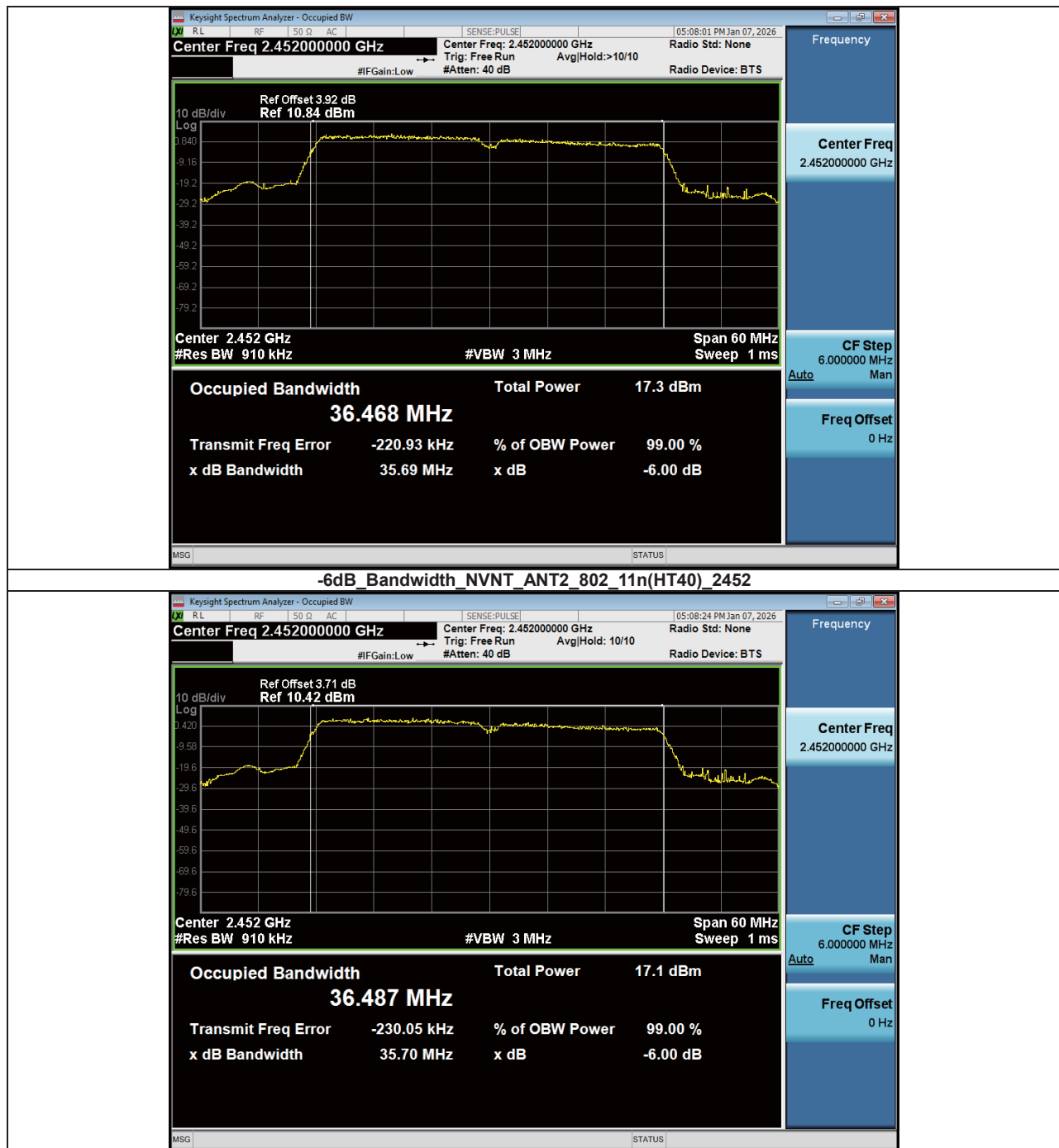






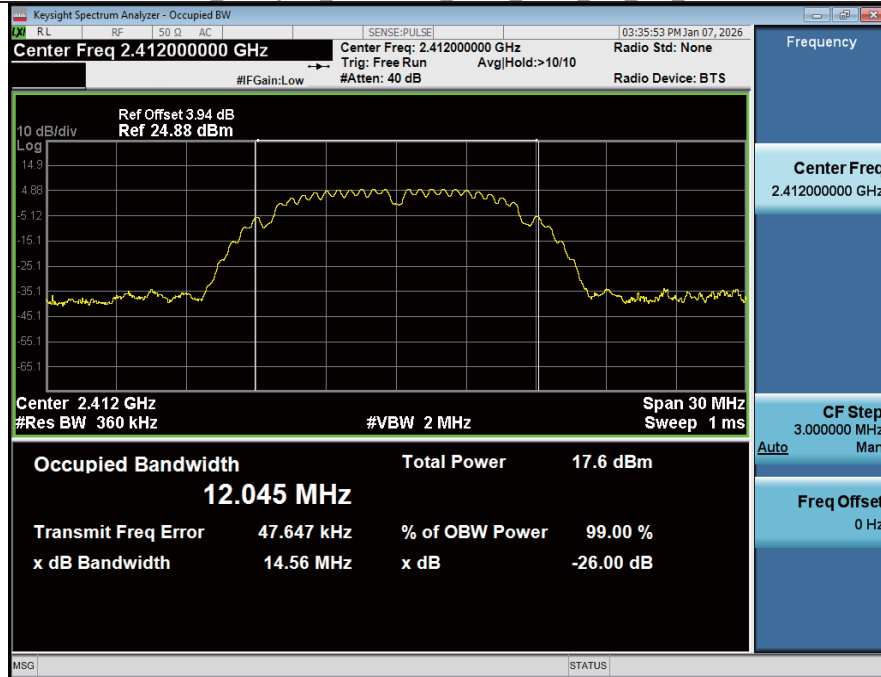




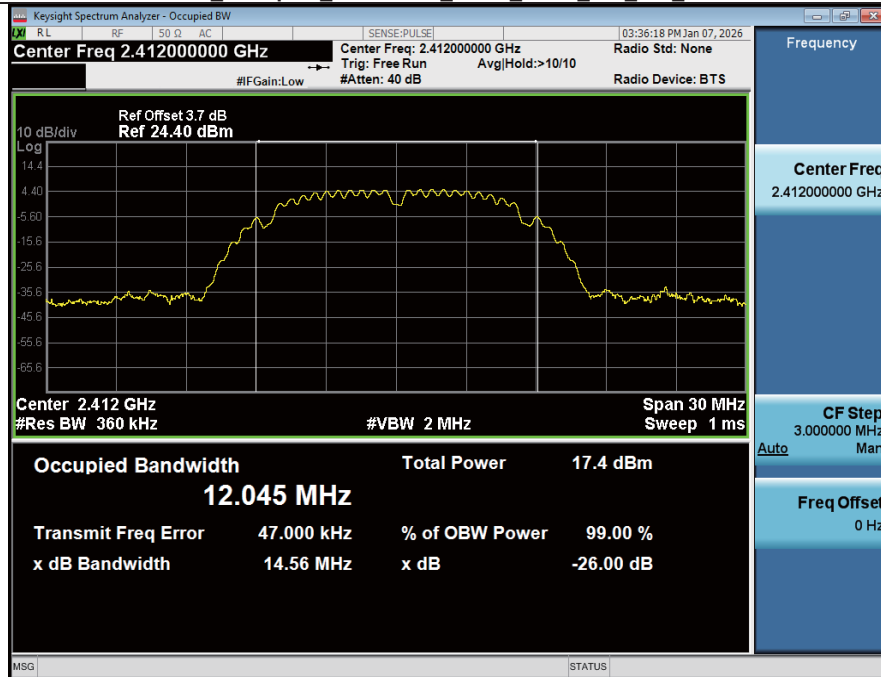


Condition	Antenna	Modulation	Frequency (MHz)	99%BW(MHz)
NVNT	ANT1	802.11b	2412.00	12.045
NVNT	ANT2	802.11b	2412.00	12.045
NVNT	ANT1	802.11b	2437.00	11.980
NVNT	ANT2	802.11b	2437.00	11.979
NVNT	ANT1	802.11b	2462.00	12.017
NVNT	ANT2	802.11b	2462.00	12.016
NVNT	ANT1	802.11g	2412.00	17.126
NVNT	ANT2	802.11g	2412.00	17.103
NVNT	ANT1	802.11g	2437.00	16.887
NVNT	ANT2	802.11g	2437.00	16.857
NVNT	ANT1	802.11g	2462.00	17.154
NVNT	ANT2	802.11g	2462.00	17.136
NVNT	ANT1	802.11n(HT20)	2412.00	17.741
NVNT	ANT2	802.11n(HT20)	2412.00	17.733
NVNT	ANT1	802.11n(HT20)	2437.00	17.607
NVNT	ANT2	802.11n(HT20)	2437.00	17.603
NVNT	ANT1	802.11n(HT20)	2462.00	17.799
NVNT	ANT2	802.11n(HT20)	2462.00	17.807
NVNT	ANT1	802.11n(HT40)	2422.00	36.342
NVNT	ANT2	802.11n(HT40)	2422.00	36.335
NVNT	ANT1	802.11n(HT40)	2437.00	36.003
NVNT	ANT2	802.11n(HT40)	2437.00	36.023
NVNT	ANT1	802.11n(HT40)	2452.00	36.528
NVNT	ANT2	802.11n(HT40)	2452.00	36.567

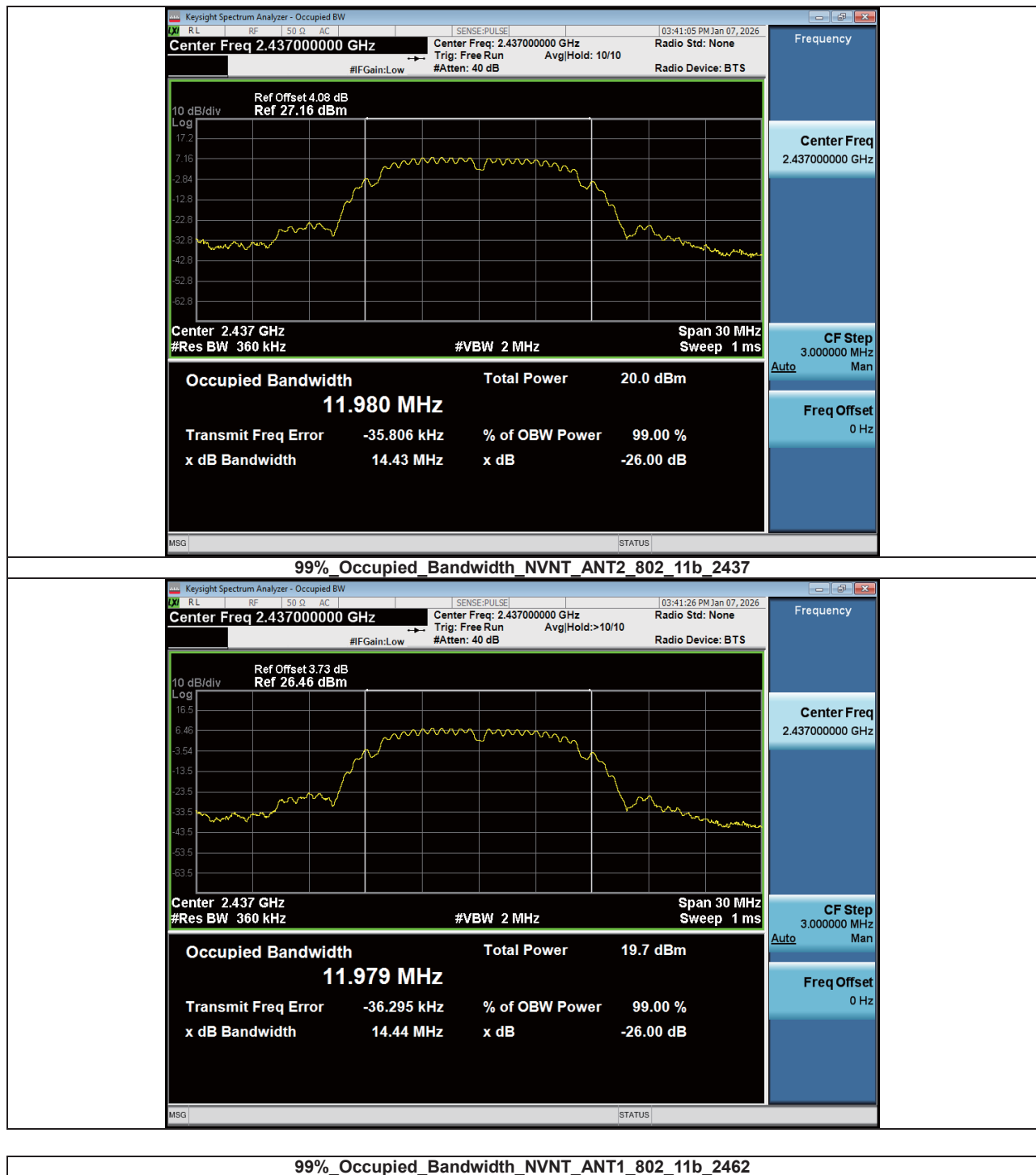
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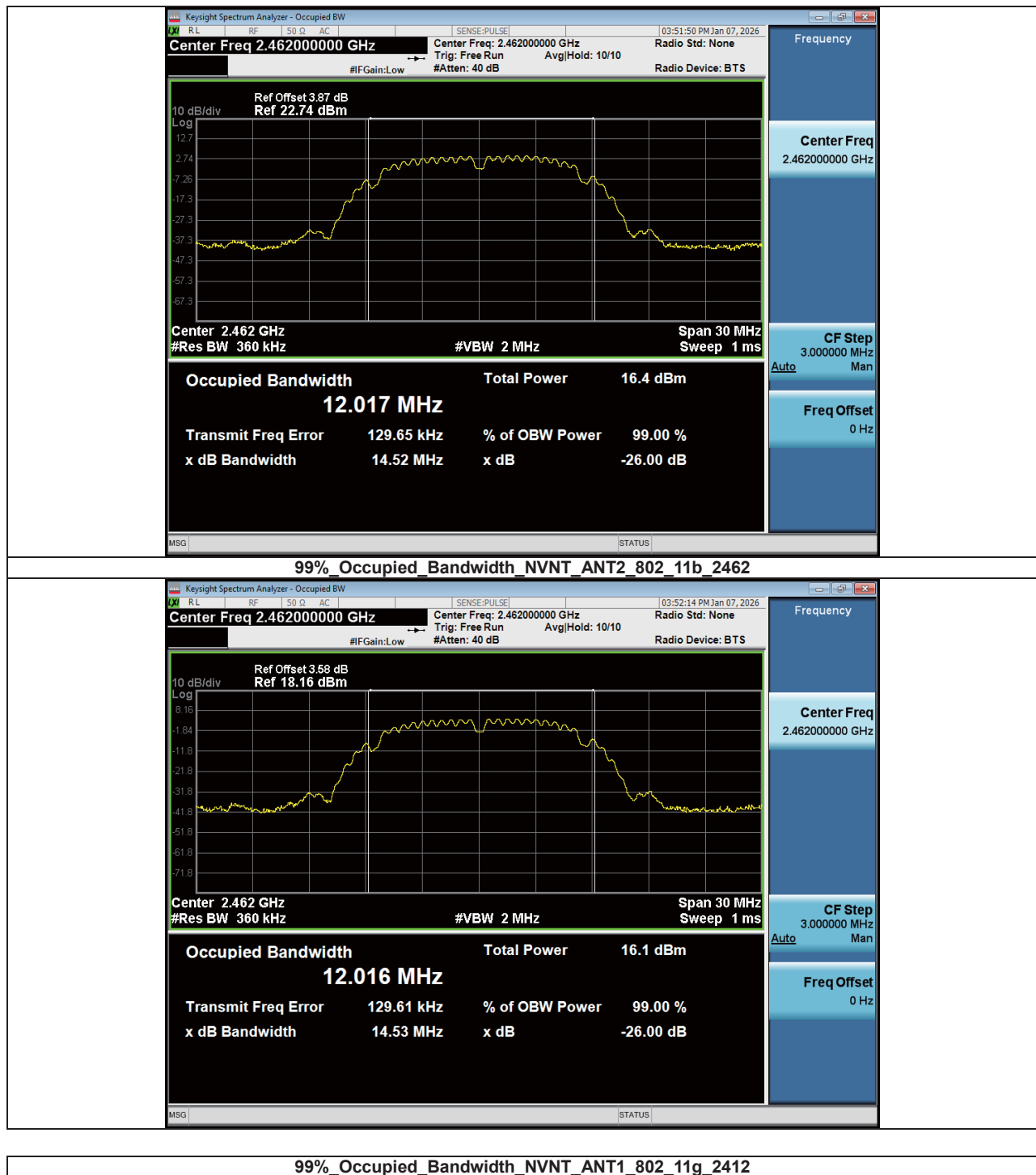


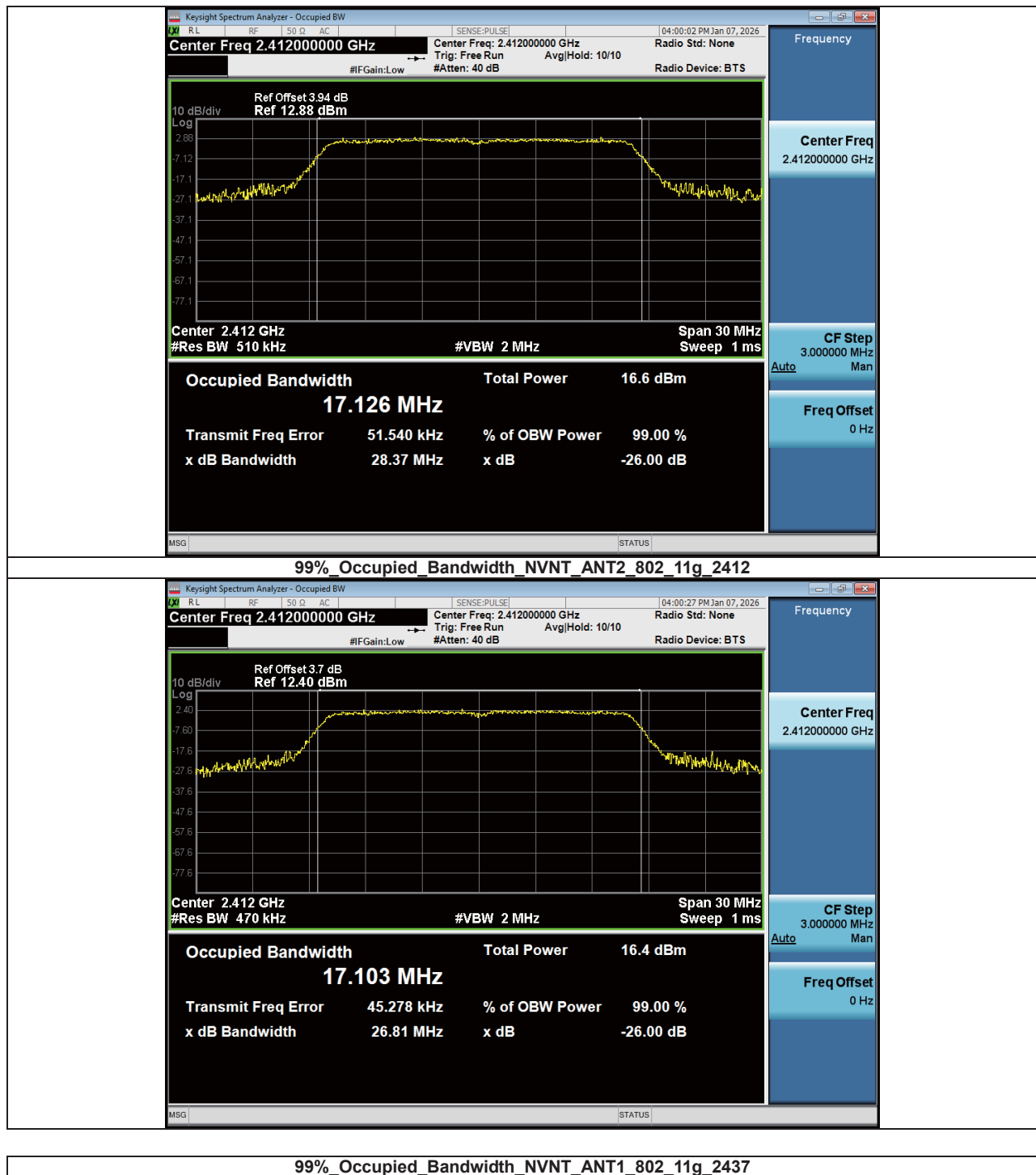
99%_Occupied_Bandwidth_NVNT_ANT2_802_11b_2412

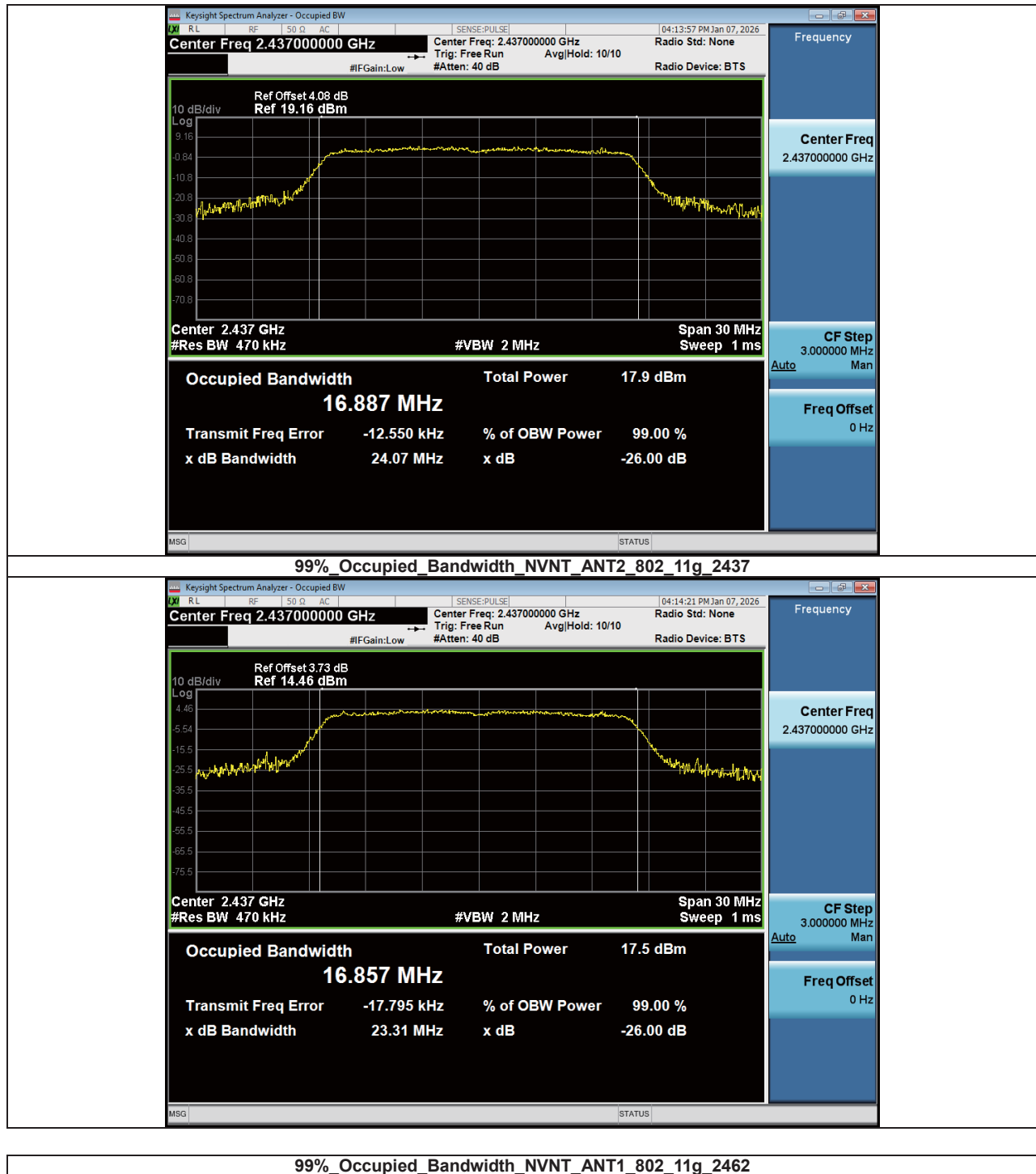


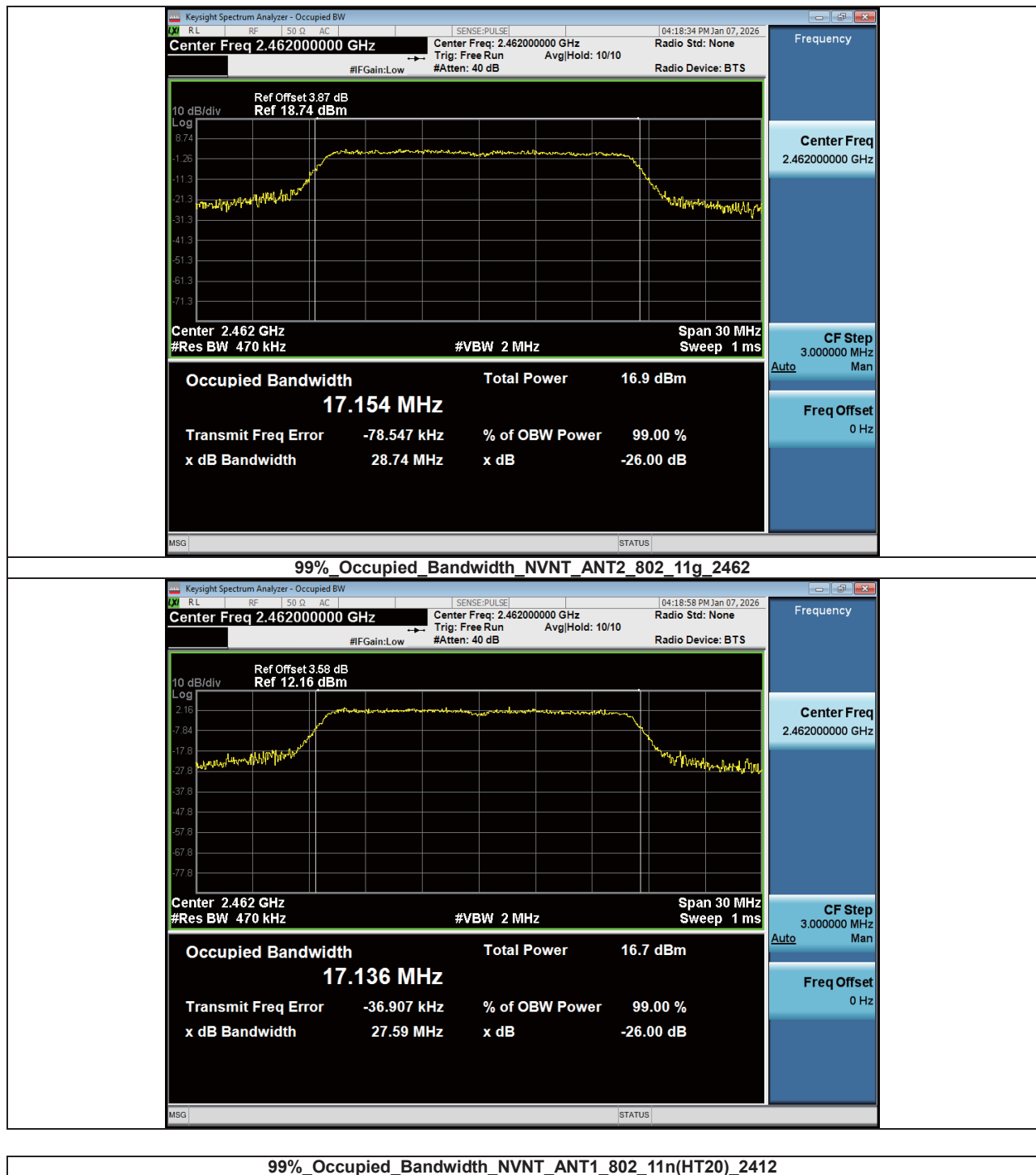
99%_Occupied_Bandwidth_NVNT_ANT1_802_11b_2437

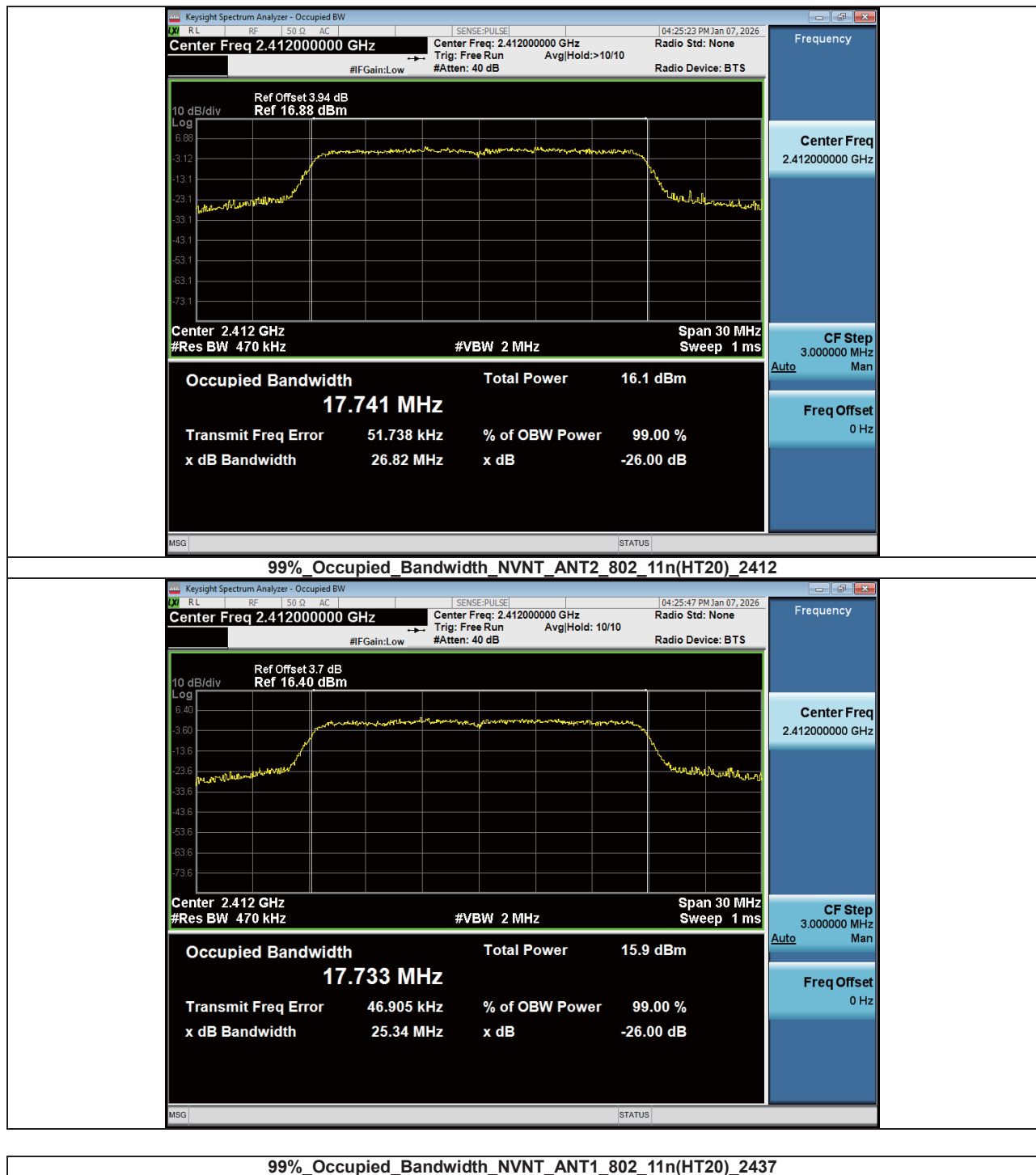


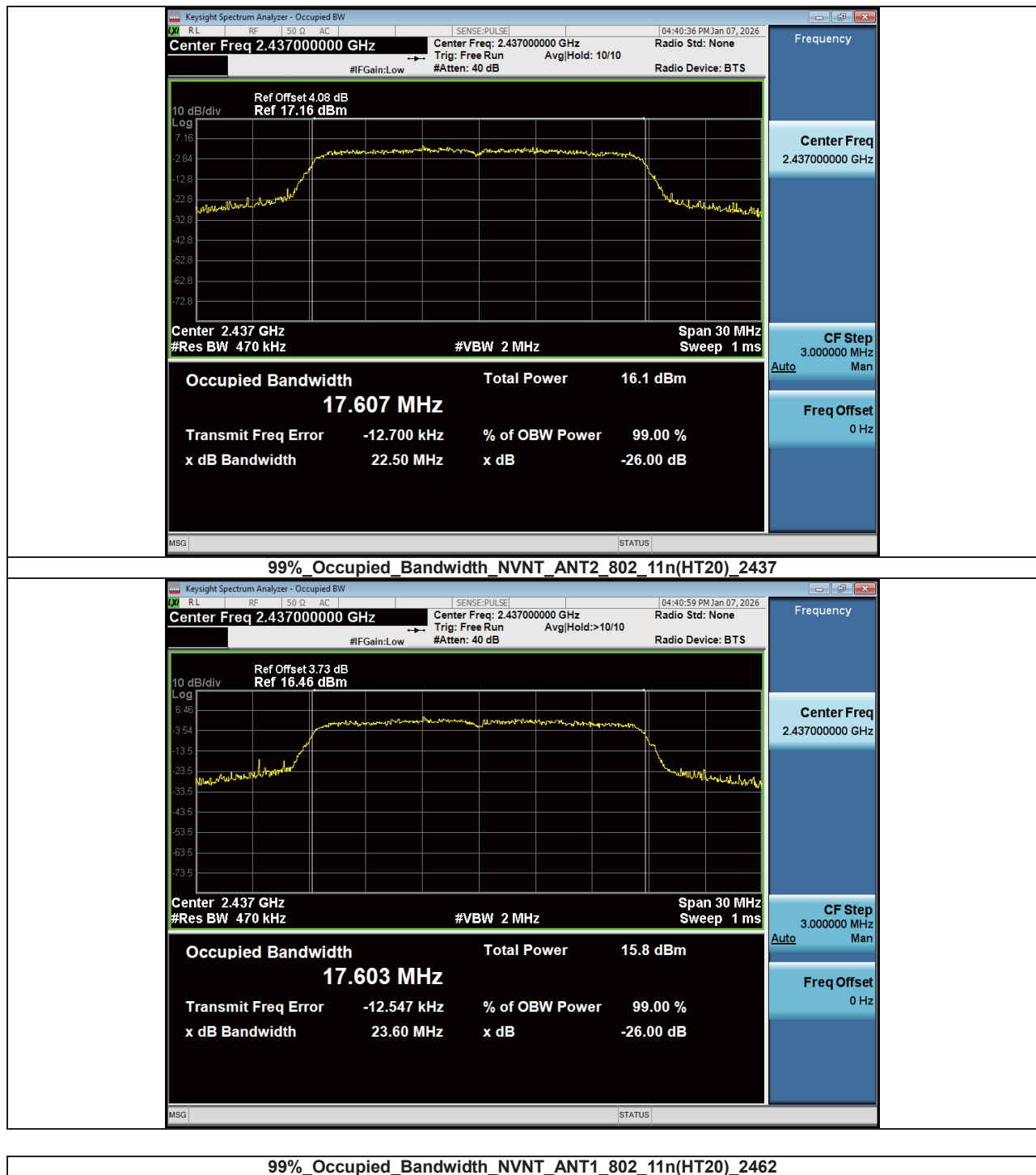


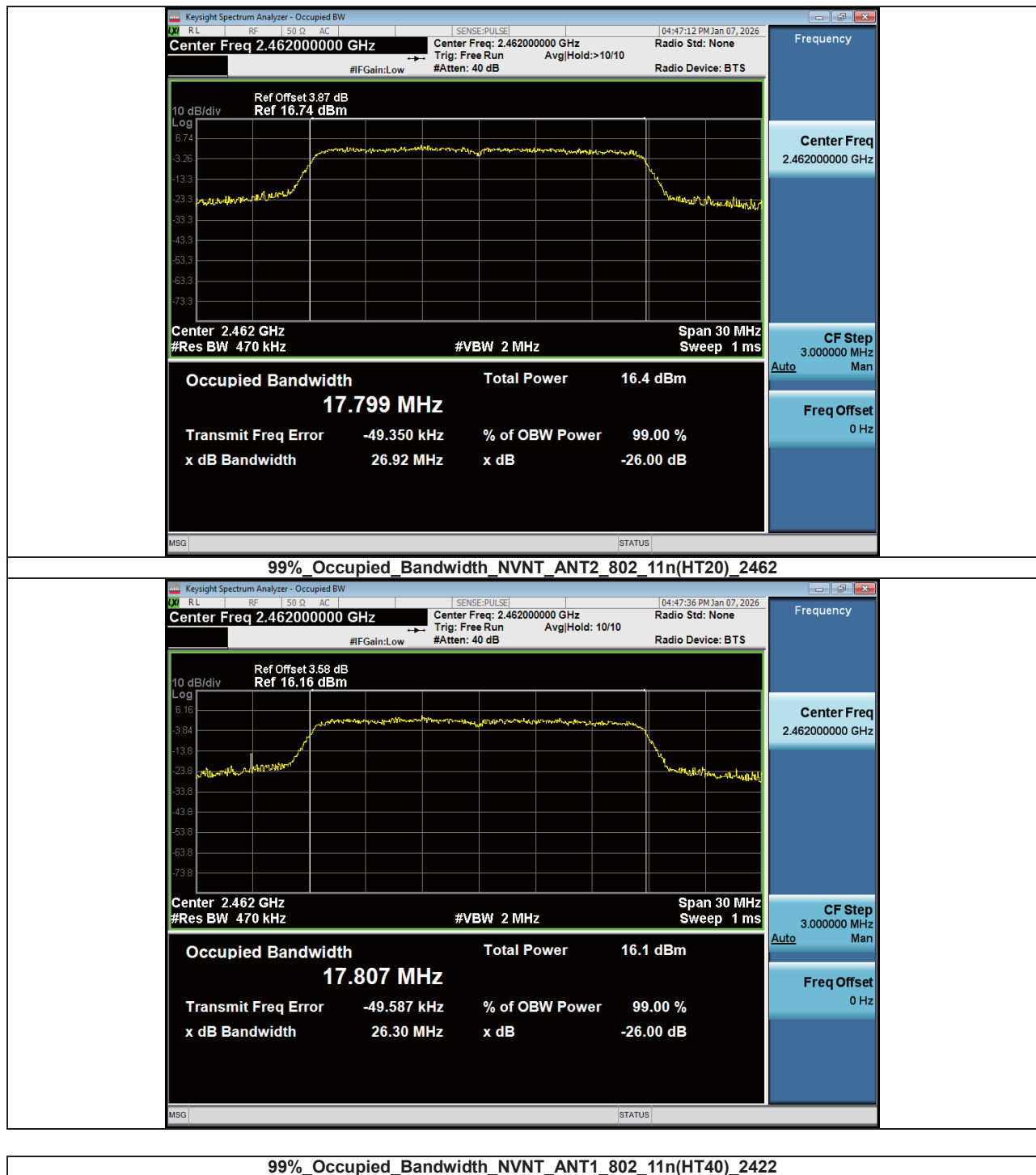


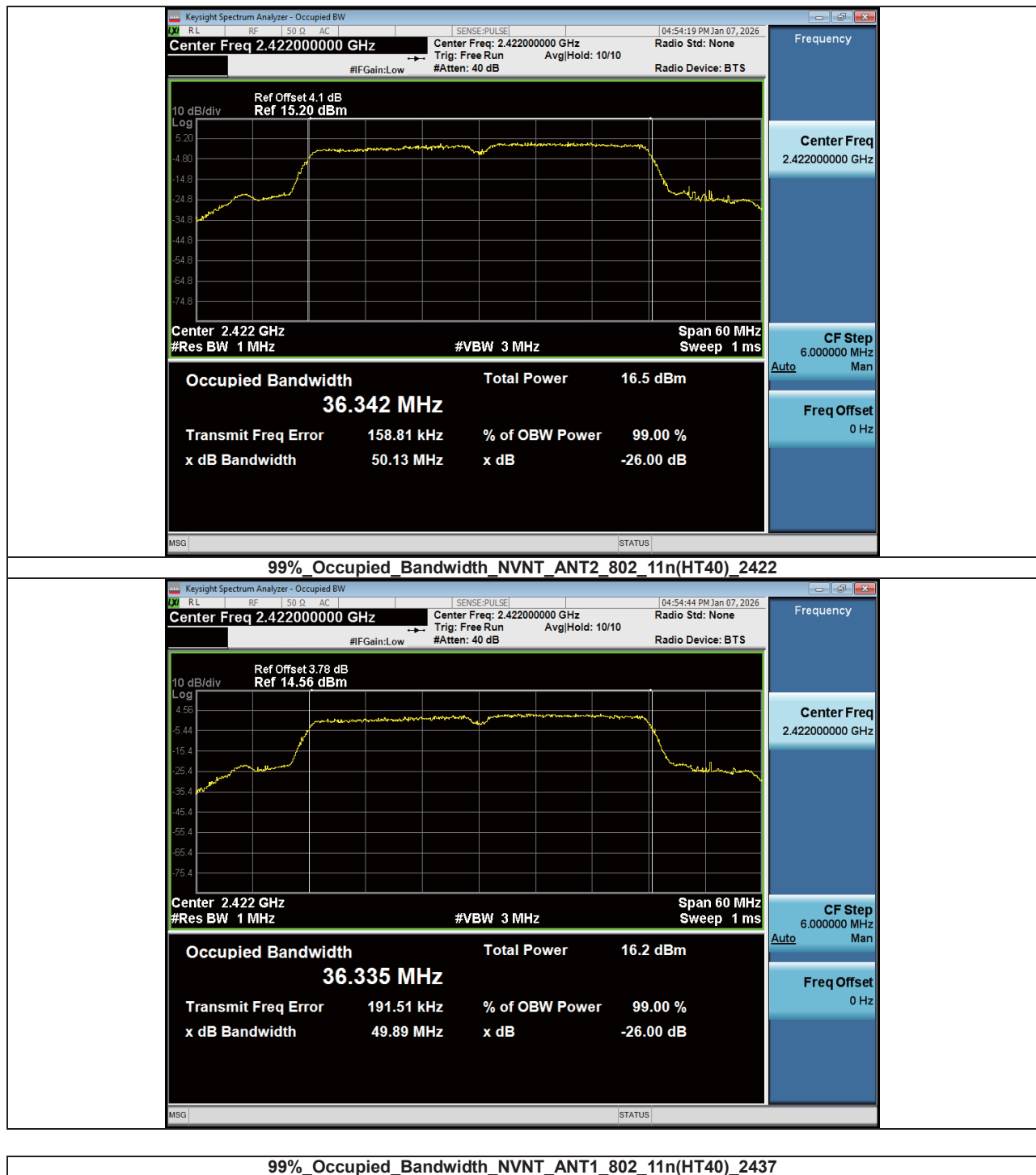


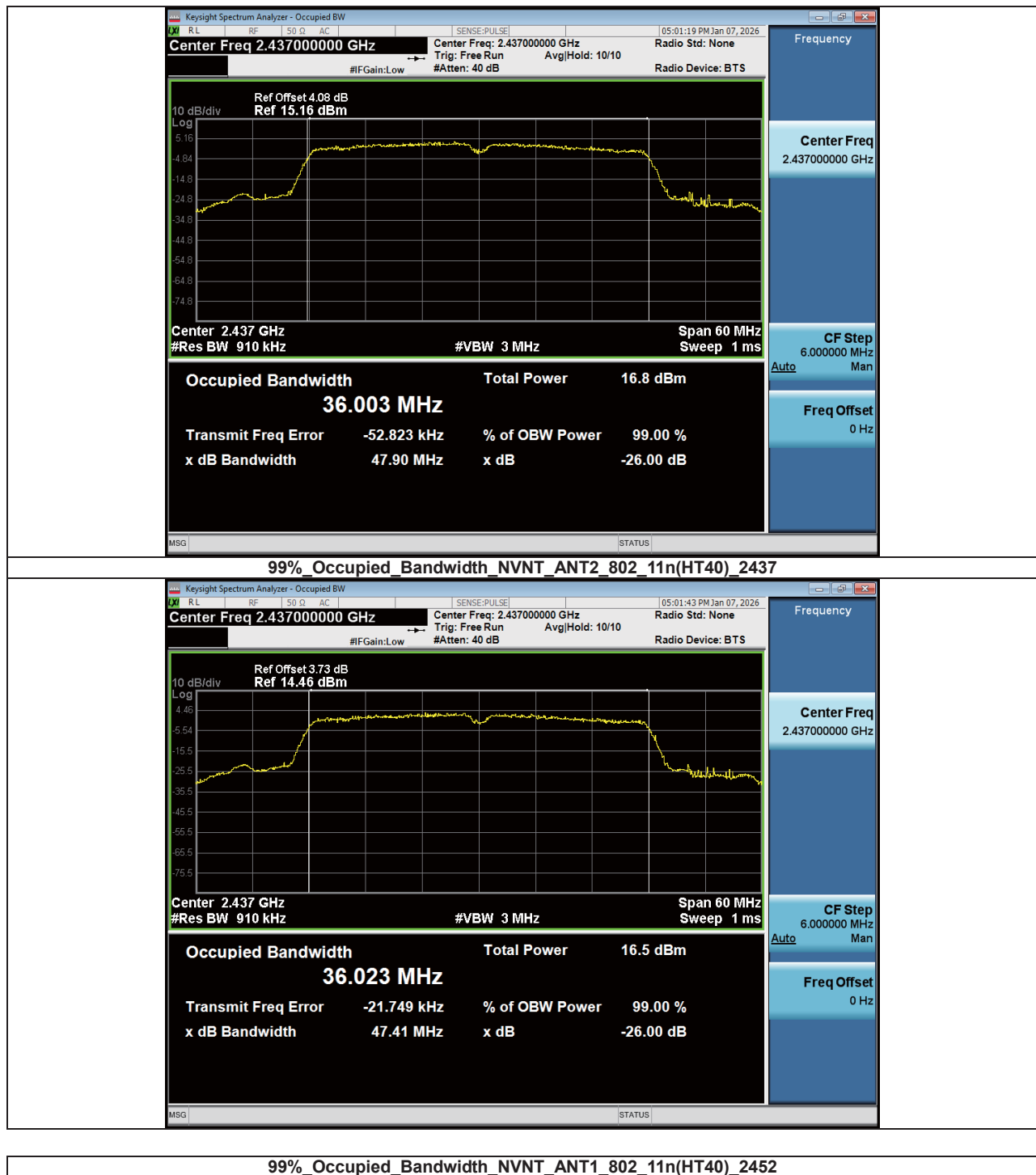


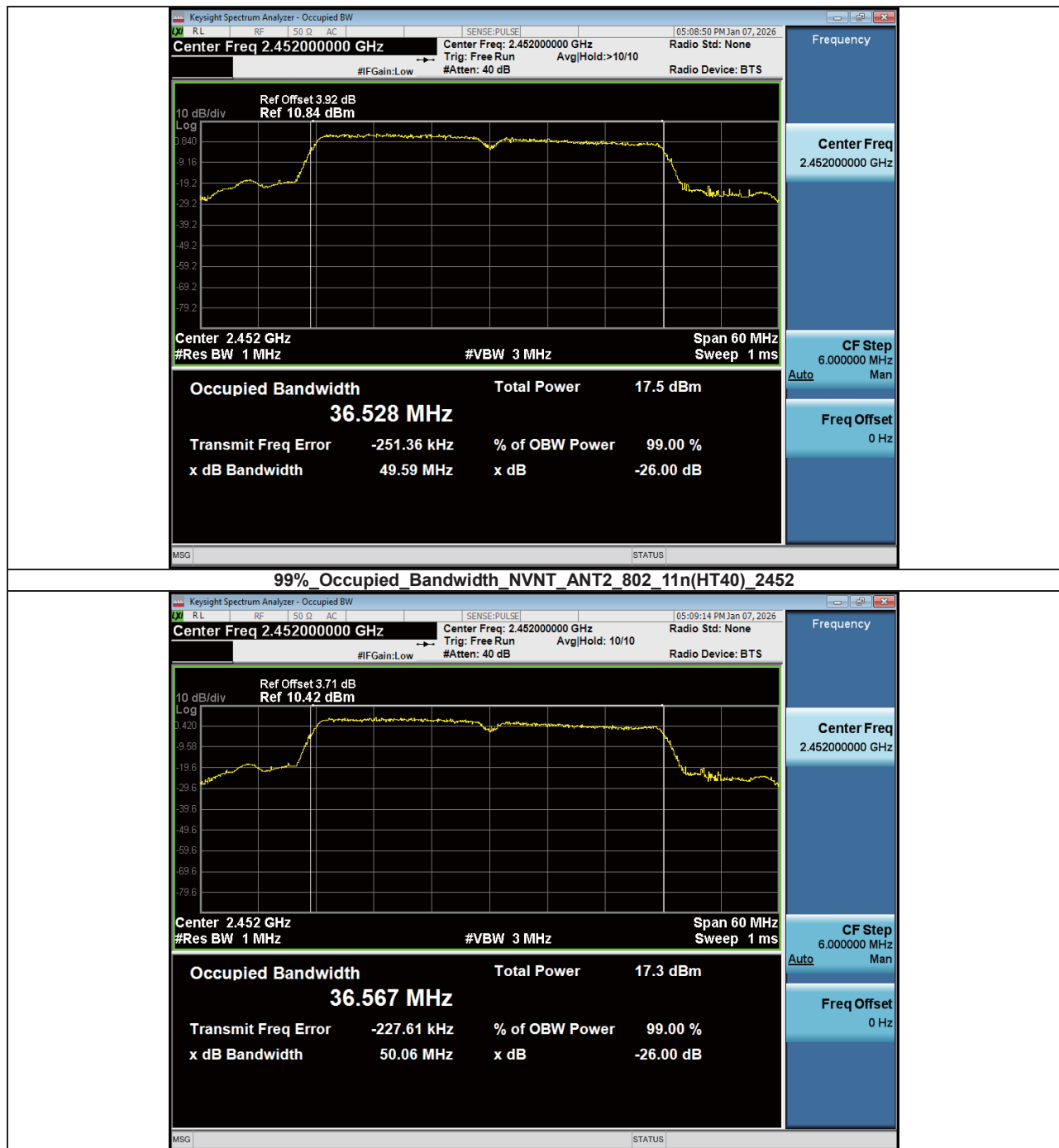












9. Band Edge Test

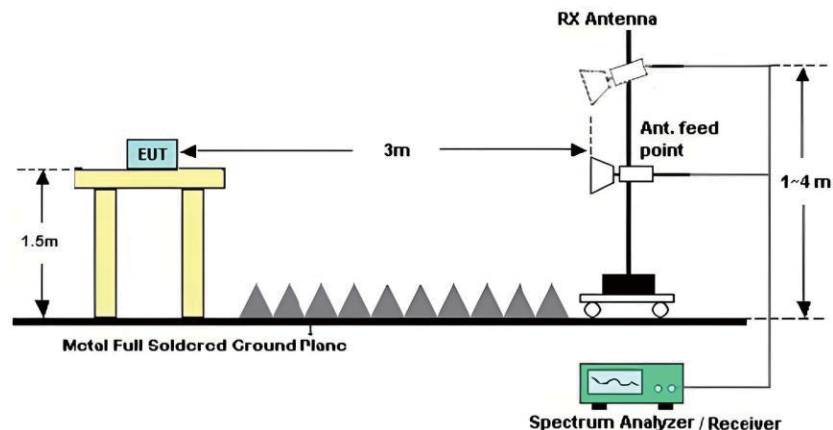
9.1. Test Limit

In addition, radiated emissions which fall in the restricted bands, as defined in § 15.205(a), must also comply with the radiated emission limits specified in § 15.209(a)(see § 15.205(c)).

Frequency (MHz)	Field strength (microvolts/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

** Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this part, e.g., §§ 15.231 and 15.241

9.2. Block Diagram of Test Setup



9.3. Test Procedure

ANSI C63.10-2020 section 6.10.5.2

All restriction band and non- restriction band have been tested, only worse case is reported.

Details see the KDB558074 D01 Meas Guidance v05r02

1. Put the EUT on a 1.5m high table, power on the EUT. Emissions were scanned and measured rotating the EUT to 360 degrees, Find the maximum Emission
2. Check the spurious emissions out of band.
3. RBW 1MHz, VBW 3MHz, peak detector for peak value, RBW 1MHz, VBW 10Hz, RMS detector for AV value.

9.4. Test Results

Test Date					: 2025.12.27				Temperature				: 26℃						
Test Engineer					: Jensen Wang				Humidity				: 54%						
Test Results																: PASS			
Frequency Range																: 2310MHz~2410MHz			
Test Mode																: IEEE 802.11b TX 2412MHz			
No.		Freq MHz		Polarity		Reading (dBuV/m)		Correct Factor		Result (dBuV/m)		Limit (dBuV/m)		Margin		Remark			
1		2390		H		58.45		-20.45		38.00		74.00		-36.00		Peak			
2		2390		H		--		-20.45		38.00		54.00		-16.00		Avg			
3		2400		H		62.36		-20.41		41.95		74.00		-32.05		Peak			
4		2400		H		--		-20.41		41.95		54.00		-12.05		Avg			
1		2390		V		59.42		-20.45		38.97		74.00		-35.03		Peak			
2		2390		V		--		-20.45		38.97		54.00		-15.03		Avg			
3		2400		V		64.50		-20.41		44.09		74.00		-29.91		Peak			
4		2400		V		--		-20.41		44.09		54.00		-9.91		Avg			
Frequency Range																: 2450MHz~2550MHz			
Test Mode																: IEEE 802.11b TX 2462MHz			
1		2483.5		H		63.76		-20.15		43.61		74.00		-30.39		Peak			
2		2483.5		H		--		-20.15		43.61		54.00		-10.39		Avg			
1		2483.5		V		63.04		-20.15		42.89		74.00		-31.11		Peak			
2		2483.5		V		--		-20.15		42.89		54.00		-11.11		Avg			
Note:		1. Means other frequency and mode comply with standard requirements and at least have 20dB margin. 2. Correct Factor=Cable Loss+ Antenna Factor-Amplifier Gain. Result=Reading + Correct Factor. Margin= Result-Limit. 3. If the limits for the measurement with the average detector are met when using a receiver with a peak detector, the test unit shall be deemed to meet both limits and the measurement with the average detector need not be carried out.																	

Frequency Range : 2310MHz~2410MHz								
Test Mode : IEEE 802.11g TX 2412MHz								
No.	Freq MHz	Polarity	Reading (dBuV/m)	Correct Factor	Result (dBuV/m)	Limit (dBuV/m)	Margin	Remark
1	2390	H	59.46	-20.45	39.01	74.00	-34.99	Peak
2	2390	H	--	-20.45	39.01	54.00	-14.99	Avg
3	2400	H	61.04	-20.41	40.63	74.00	-33.37	Peak
4	2400	H	--	-20.41	40.63	54.00	-13.37	Avg
1	2390	V	61.59	-20.45	41.14	74.00	-32.86	Peak
2	2390	V	--	-20.45	41.14	54.00	-12.86	Avg
3	2400	V	63.52	-20.41	43.11	74.00	-30.89	Peak
4	2400	V	--	-20.41	43.11	54.00	-10.89	Avg
Frequency Range : 2450MHz~2550MHz								
Test Mode : IEEE 802.11g TX 2462MHz								
1	2483.5	H	61.06	-20.15	40.91	74.00	-33.09	Peak
2	2483.5	H	--	-20.15	40.91	54.00	-13.09	Avg
1	2483.5	V	65.50	-20.15	45.35	74.00	-28.65	Peak
2	2483.5	V	--	-20.15	45.35	54.00	-8.65	Avg
Note: 1. Means other frequency and mode comply with standard requirements and at least have 20dB margin. 2. Correct Factor=Cable Loss+ Antenna Factor-Amplifier Gain. Result=Reading + Correct Factor. Margin= Result-Limit. 3. If the limits for the measurement with the average detector are met when using a receiver with a peak detector, the test unit shall be deemed to meet both limits and the measurement with the average detector need not be carried out.								

Frequency Range : 2310MHz~2410MHz								
Test Mode : IEEE 802.11n/HT20 TX 2412MHz								
No.	Freq MHz	Polarity	Reading (dBuV/m)	Correct Factor	Result (dBuV/m)	Limit (dBuV/m)	Margin	Remark
1	2390	H	57.15	-20.45	36.70	74.00	-37.30	Peak
2	2390	H	--	-20.45	36.70	54.00	-17.30	Avg
3	2400	H	63.37	-20.41	42.96	74.00	-31.04	Peak
4	2400	H	--	-20.41	42.96	54.00	-11.04	Avg
1	2390	V	58.57	-20.45	38.12	74.00	-35.88	Peak
2	2390	V	--	-20.45	38.12	54.00	-15.88	Avg
3	2400	V	63.71	-20.41	43.30	74.00	-30.70	Peak
4	2400	V	--	-20.41	43.30	54.00	-10.70	Avg
Frequency Range : 2450MHz~2550MHz								
Test Mode : IEEE 802.11n/HT20 TX 2462MHz								
1	2483.5	H	61.69	-20.15	41.54	74.00	-32.46	Peak
2	2483.5	H	--	-20.15	41.54	54.00	-12.46	Avg
1	2483.5	V	66.83	-20.15	46.68	74.00	-27.32	Peak
2	2483.5	V	--	-20.15	46.68	54.00	-7.32	Avg
Note:	1. Means other frequency and mode comply with standard requirements and at least have 20dB margin. 2. Correct Factor=Cable Loss+ Antenna Factor-Amplifier Gain. Result=Reading + Correct Factor. Margin= Result-Limit. 3. If the limits for the measurement with the average detector are met when using a receiver with a peak detector, the test unit shall be deemed to meet both limits and the measurement with the average detector need not be carried out.							

Frequency Range : 2310MHz~2410MHz								
Test Mode : IEEE 802.11n/HT40 TX 2422MHz								
No.	Freq MHz	Polarity	Reading (dBuV/m)	Correct Factor	Result (dBuV/m)	Limit (dBuV/m)	Margin	Remark
1	2390	H	58.23	-20.45	37.78	74.00	-36.22	Peak
2	2390	H	--	-20.45	37.78	54.00	-16.22	Avg
3	2400	H	62.09	-20.41	41.68	74.00	-32.32	Peak
4	2400	H	--	-20.41	41.68	54.00	-12.32	Avg
1	2390	V	60.93	-20.45	40.48	74.00	-33.52	Peak
2	2390	V	--	-20.45	40.48	54.00	-13.52	Avg
3	2400	V	61.81	-20.41	41.40	74.00	-32.60	Peak
4	2400	V	--	-20.41	41.40	54.00	-12.60	Avg
Frequency Range : 2450MHz~2550MHz								
Test Mode : IEEE 802.11n/HT40 TX 2452MHz								
1	2483.5	H	63.39	-20.15	43.24	74.00	-30.76	Peak
2	2483.5	H	--	-20.15	43.24	54.00	-10.76	Avg
1	2483.5	V	66.86	-20.15	46.71	74.00	-27.29	Peak
2	2483.5	V	--	-20.15	46.71	54.00	-7.29	Avg
Note:	1. Means other frequency and mode comply with standard requirements and at least have 20dB margin. 2. Correct Factor=Cable Loss+ Antenna Factor-Amplifier Gain. Result=Reading + Correct Factor, Margin= Result-Limit. 3. If the limits for the measurement with the average detector are met when using a receiver with a peak detector, the test unit shall be deemed to meet both limits and the measurement with the average detector need not be carried out.							

10. Antenna Requirement

10.1. Standard Requirement

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

10.2. Test Results

The EUT antenna is internal antenna. It complies with the standard requirement.

11. Photos of test setup

Reference to the **appendix I Test Setup Photo** for details.

12. Photos of EUT

Reference to the **appendix II external photos** and **appendix III internal photos** for details.

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