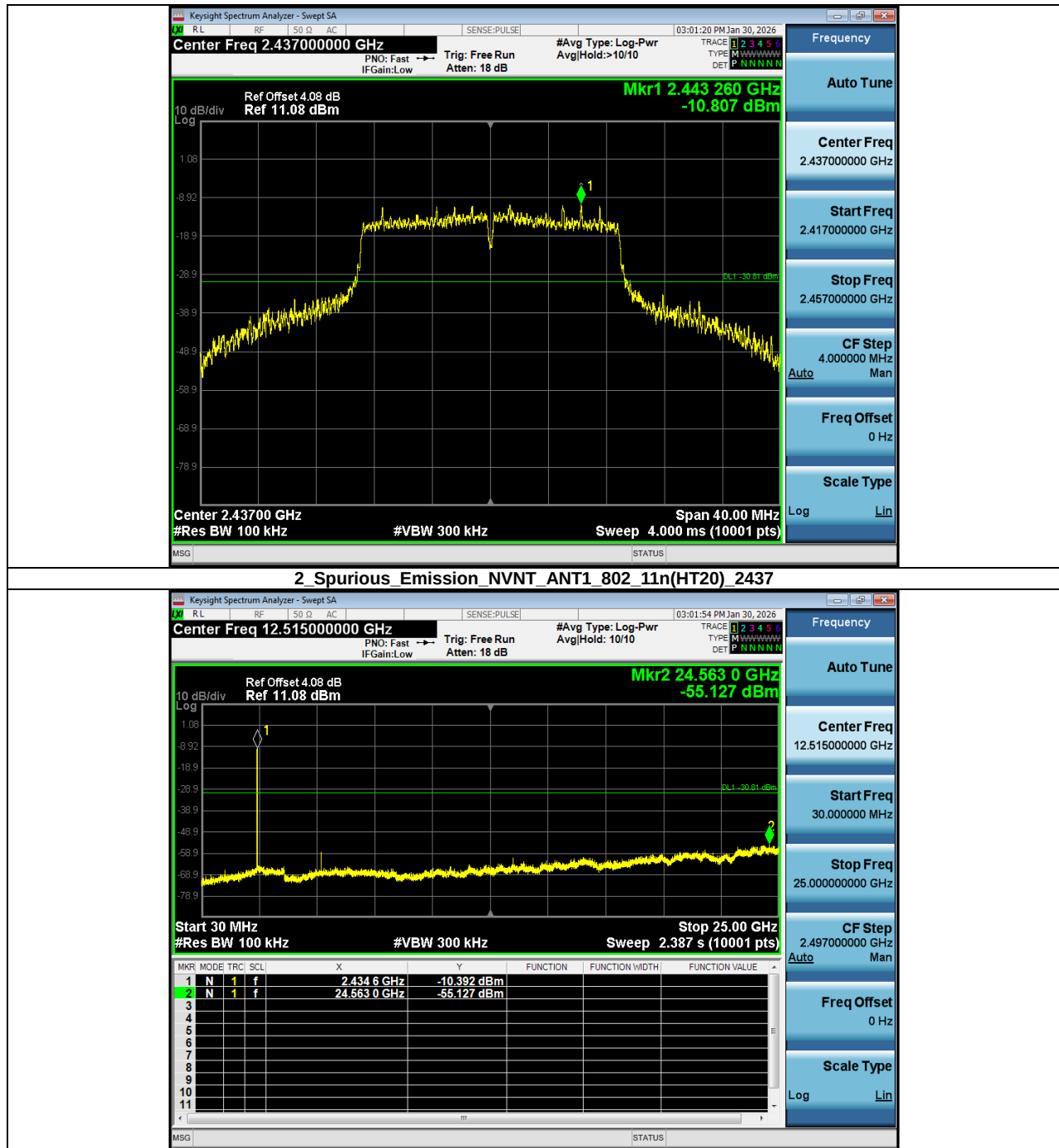
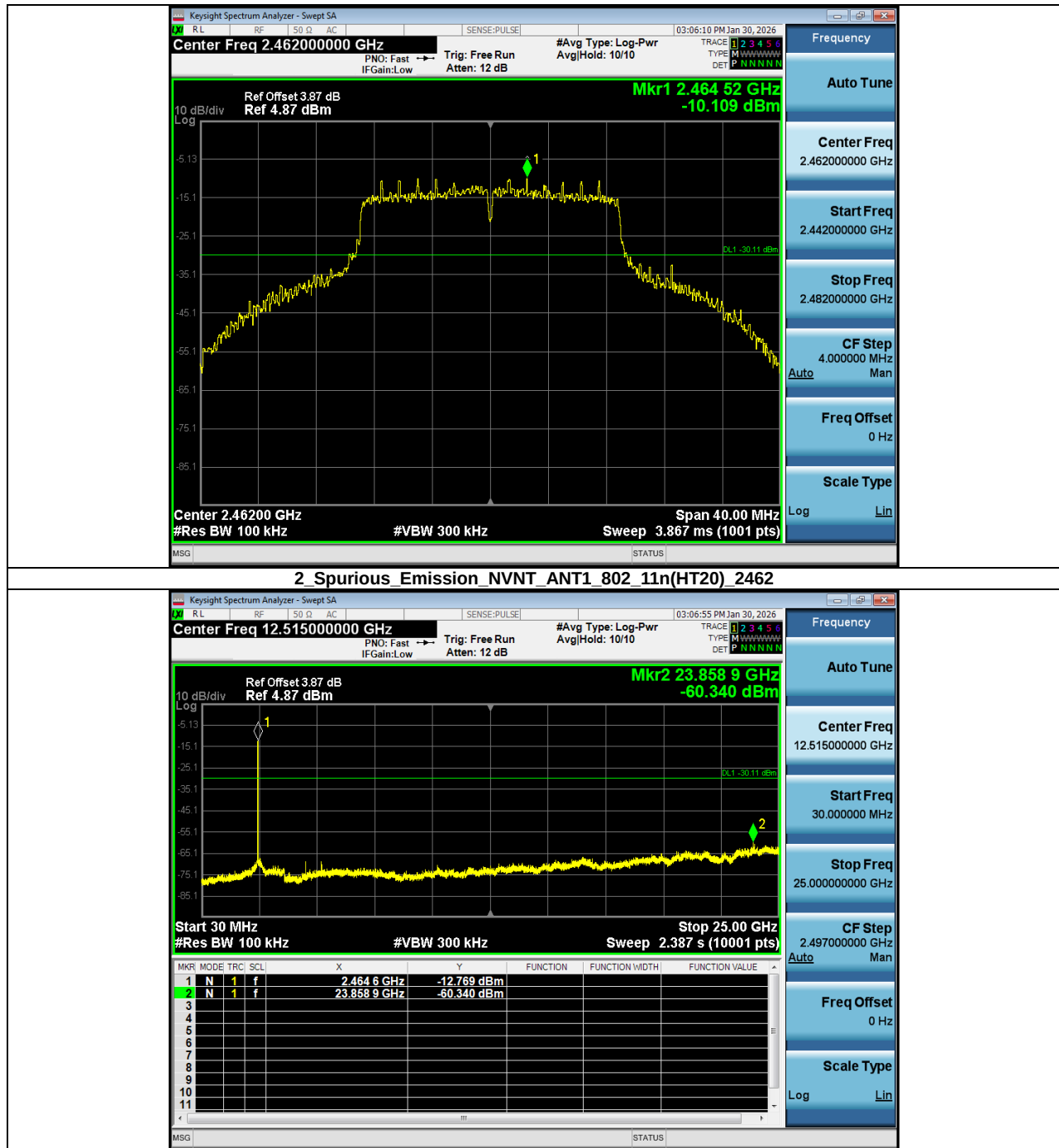
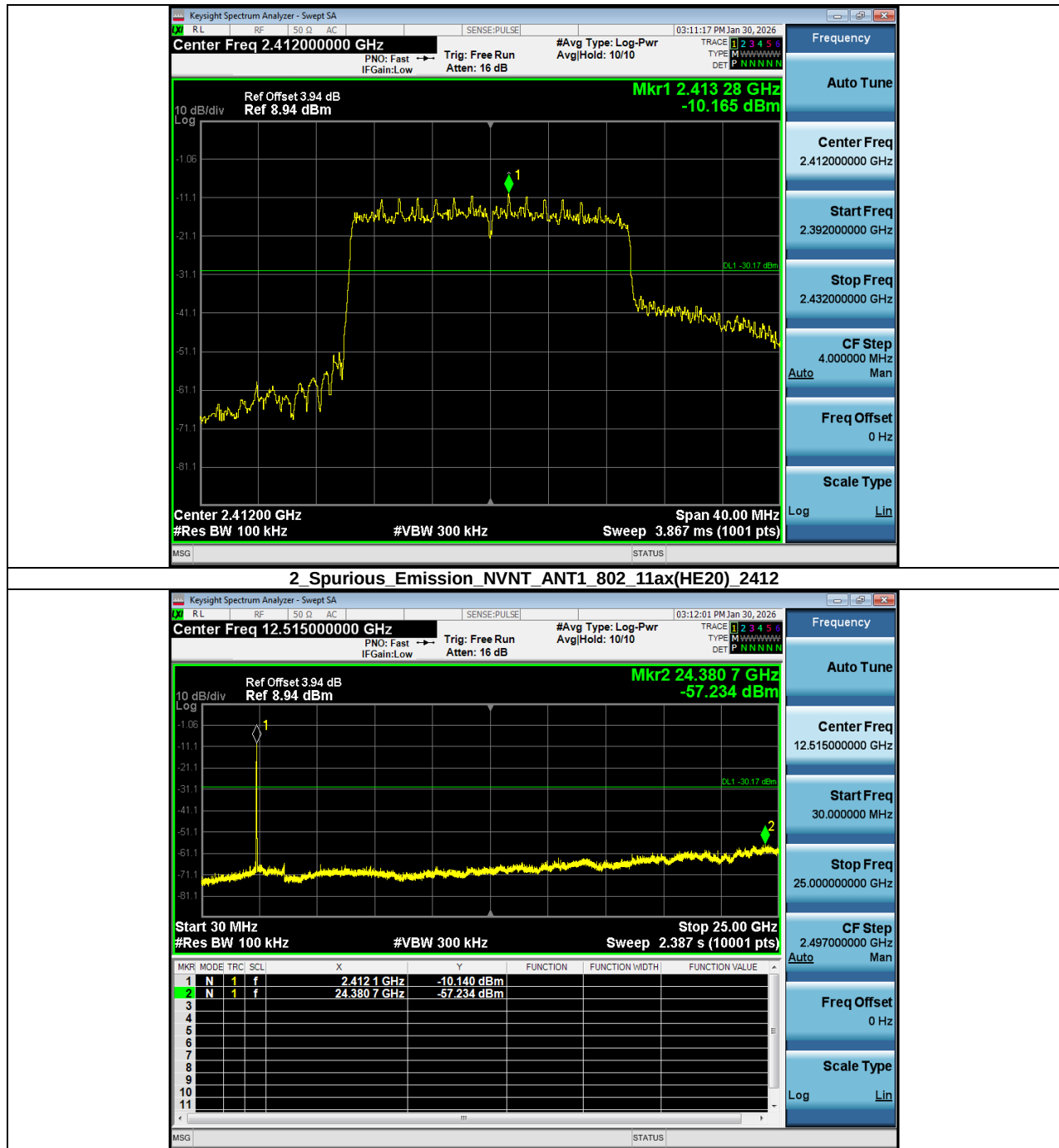




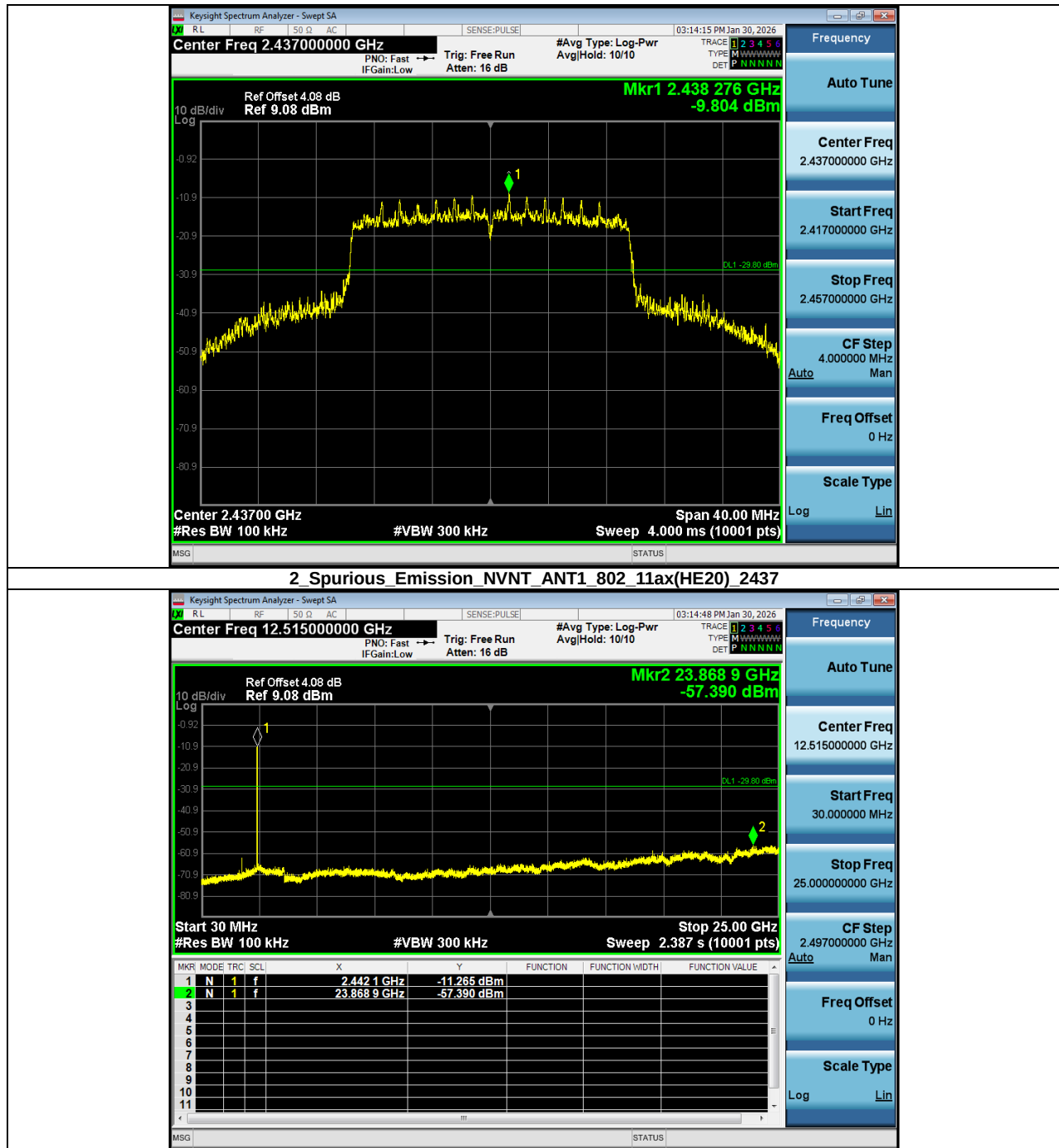
1 Reference Level NVNT_ANT1_802_11n(HT20)_2462



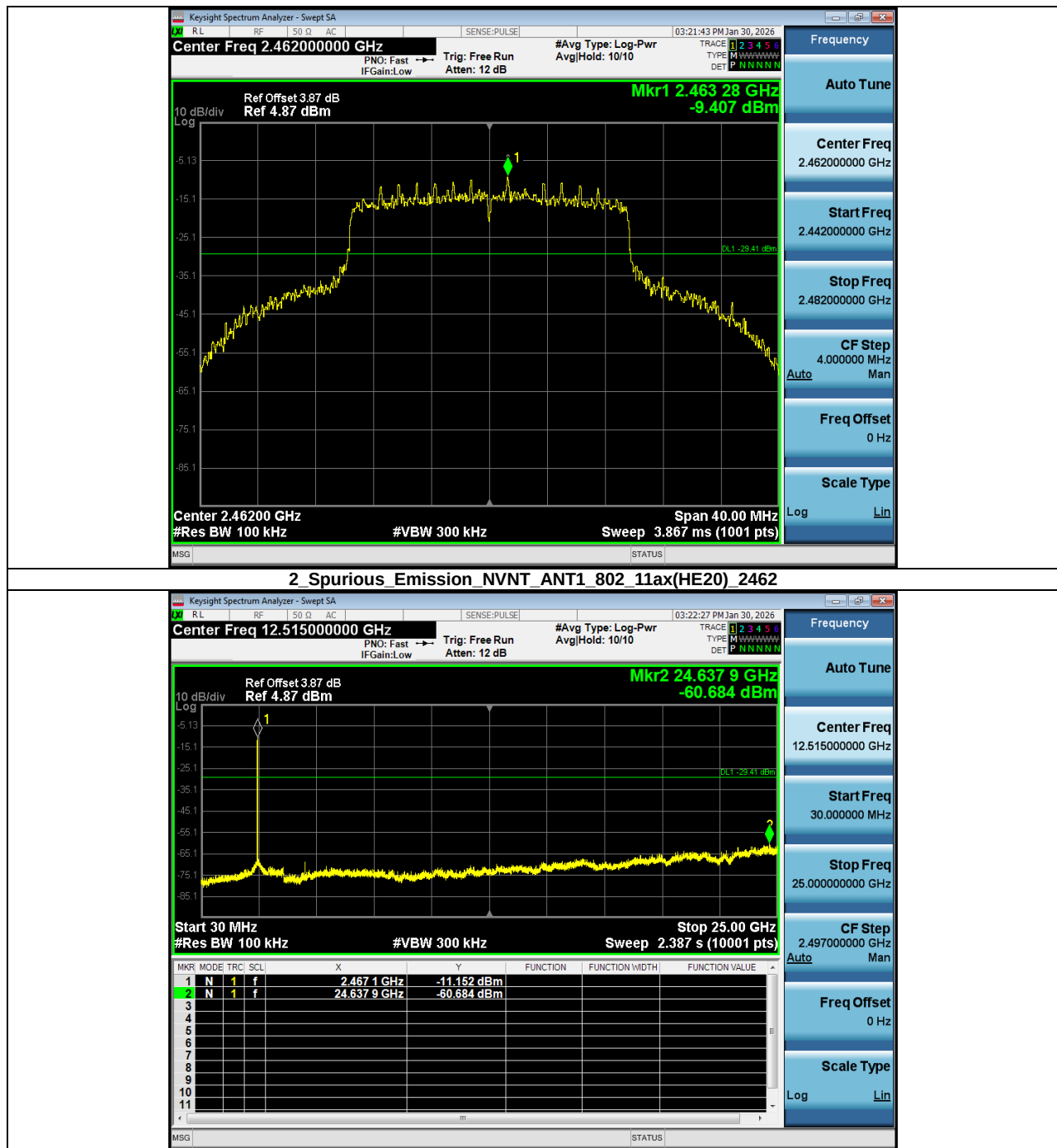
1 Reference Level NVNT ANT1 802 11ax(HE20) 2412



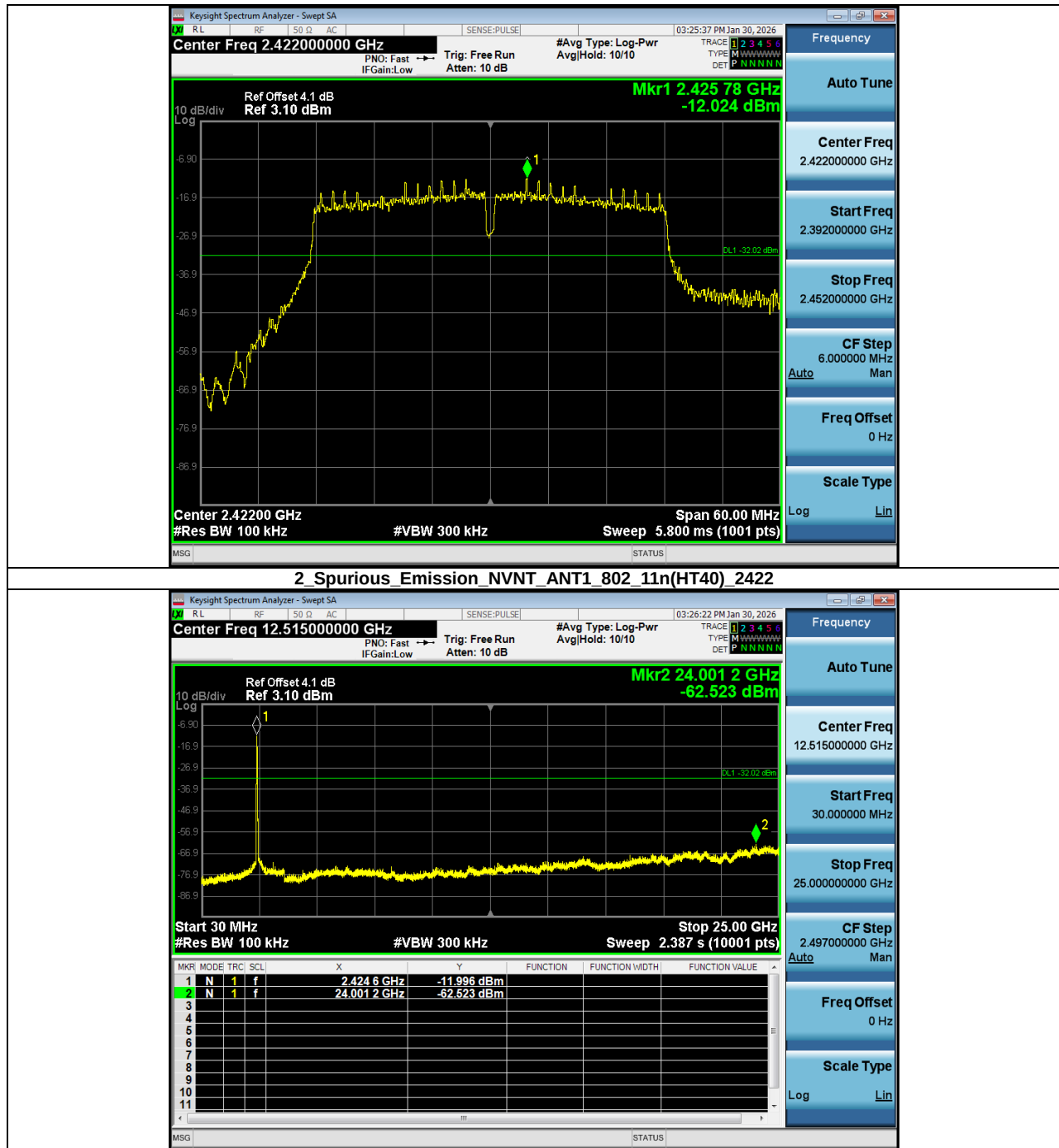
1 Reference Level_NVNT ANT1_802_11ax(HE20)_2437



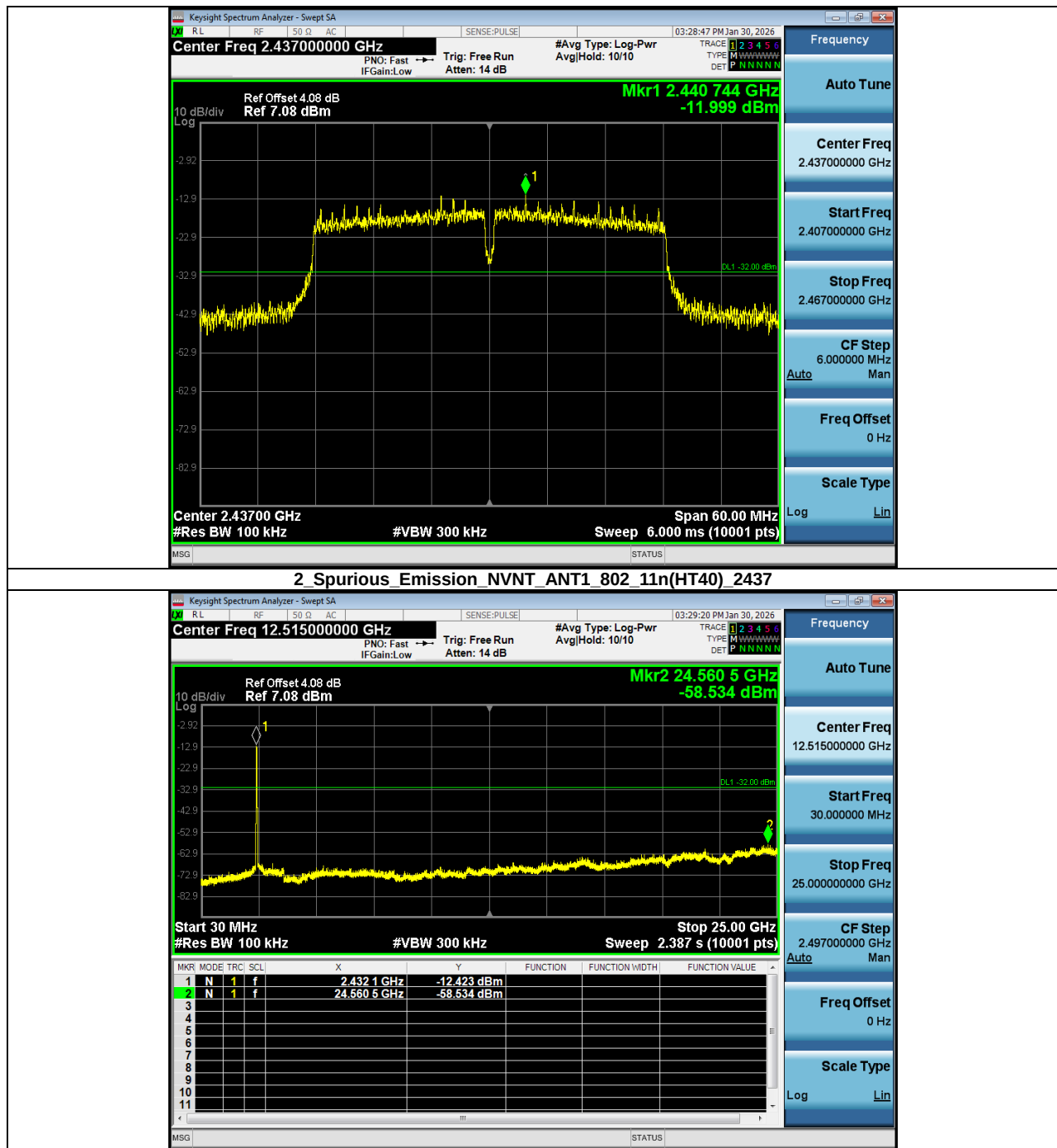
1 Reference Level_NVNT ANT1_802_11ax(HE20)_2462



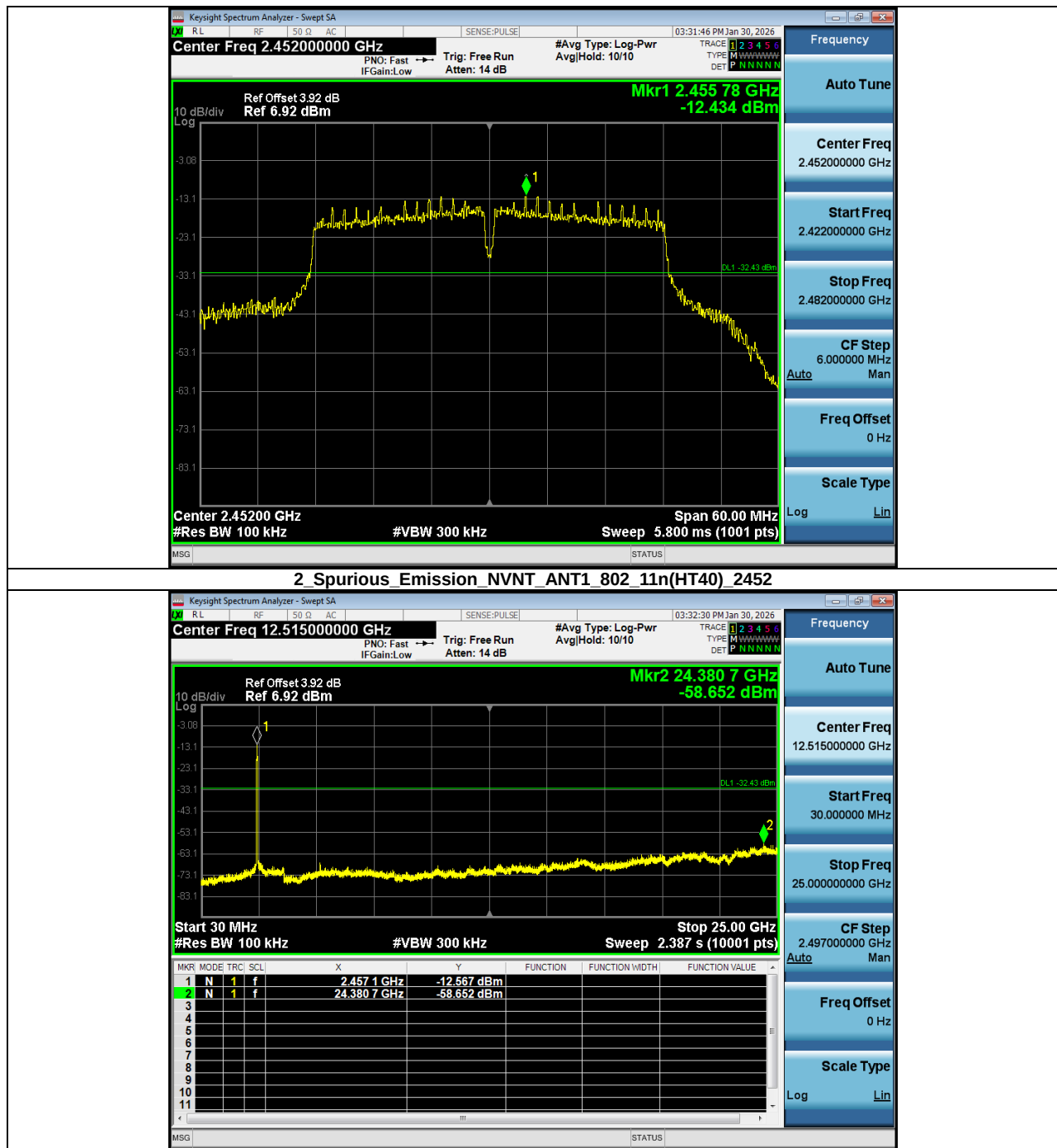
1 Reference Level NVNT_ANT1_802_11n(HT40)_2422



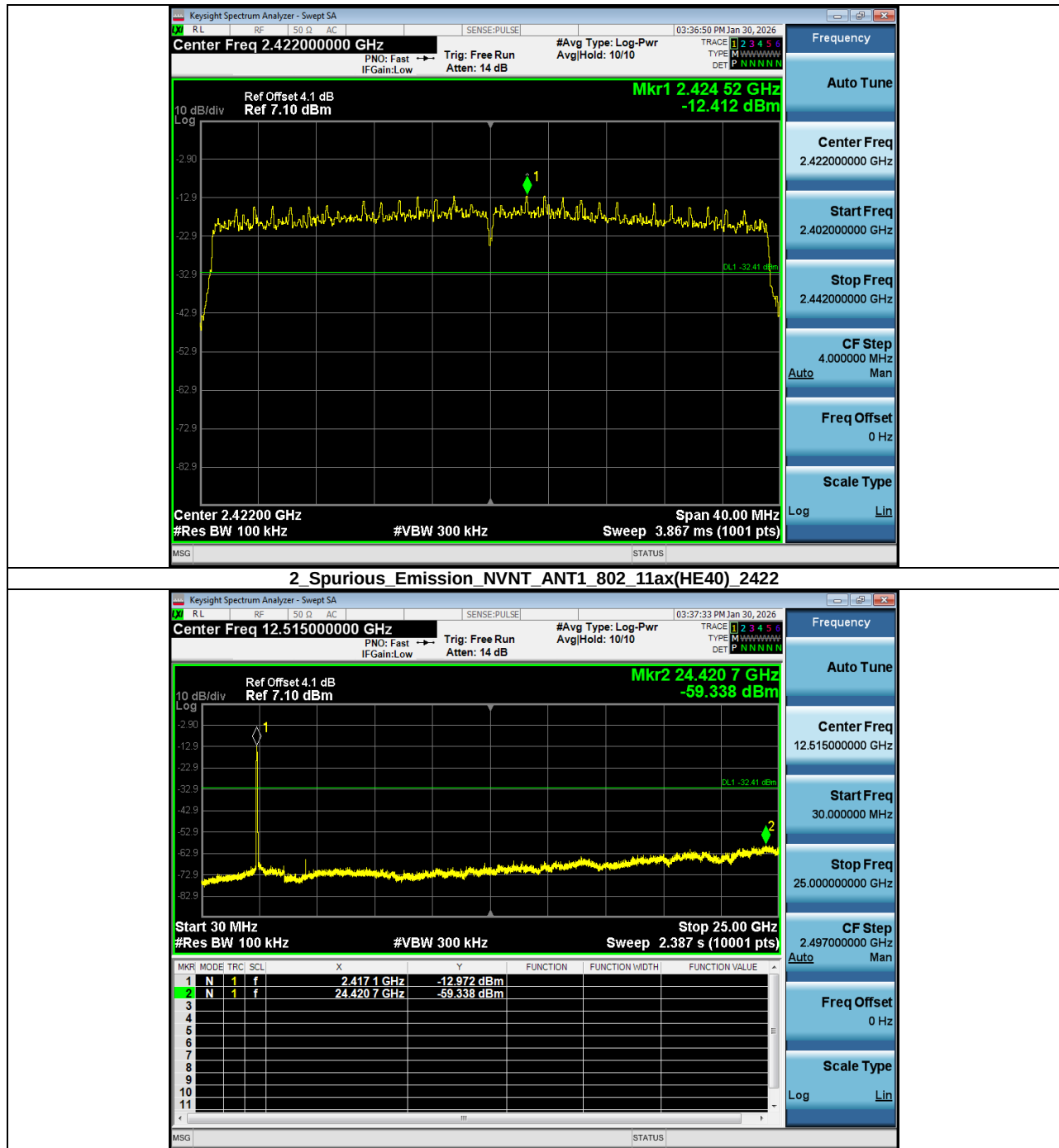
1 Reference Level NVNT_ANT1_802_11n(HT40)_2437



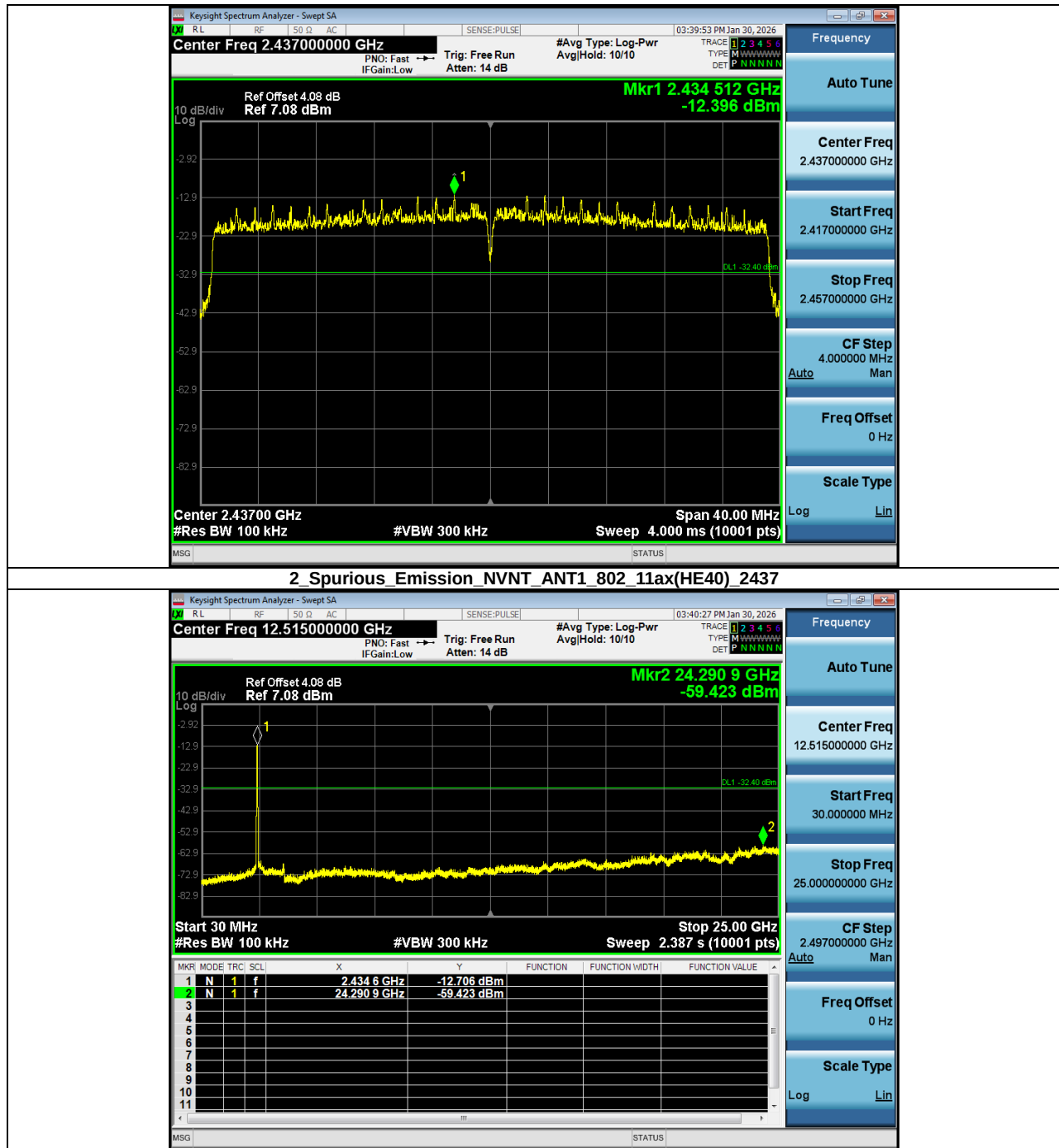
1 Reference Level NVNT_ANT1_802_11n(HT40)_2452



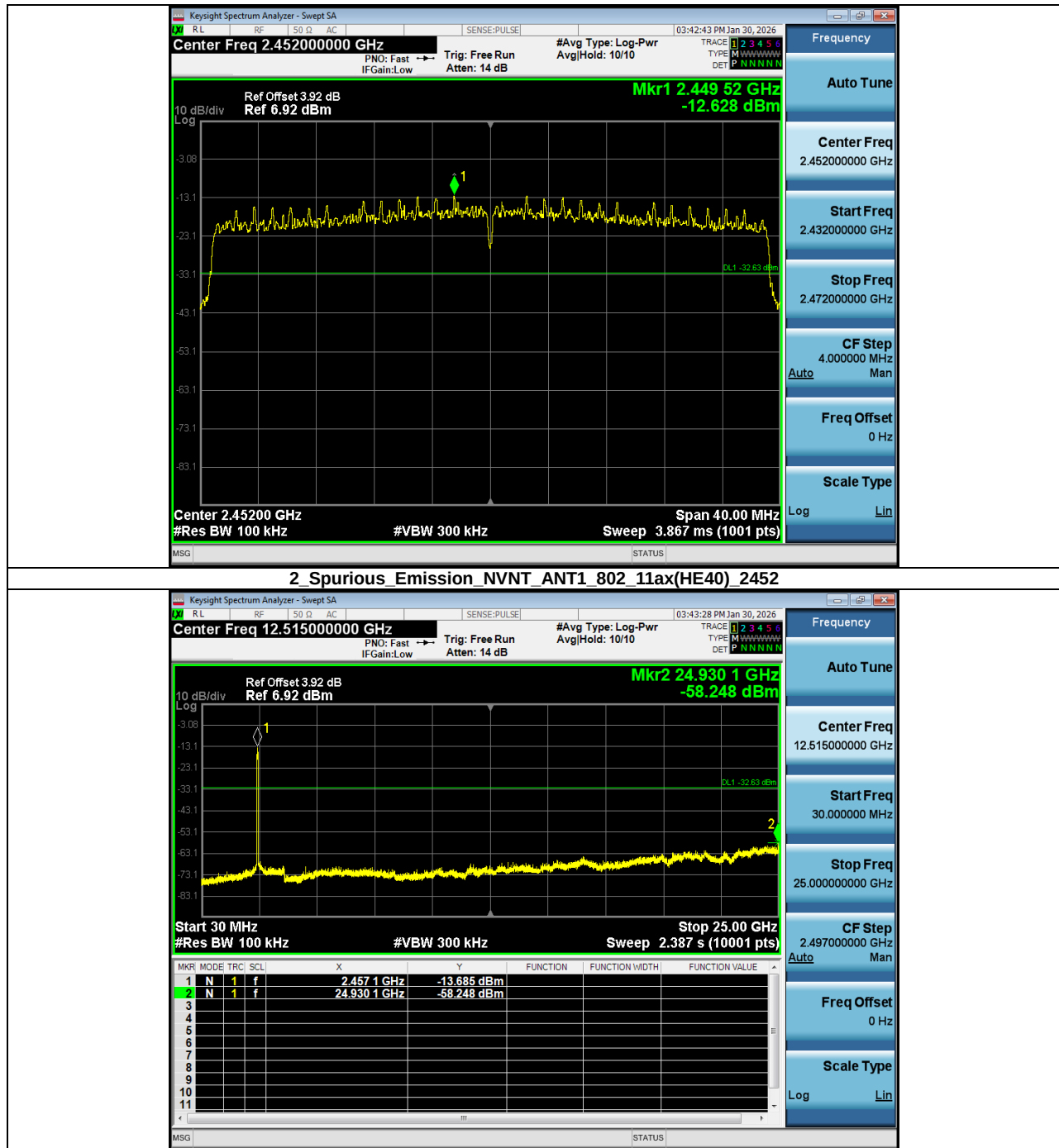
1 Reference Level NVNT ANT1 802 11ax(HE40) 2422



1 Reference Level_NVNT ANT1_802_11ax(HE40)_2437



1 Reference Level_NVNT ANT1_802_11ax(HE40)_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)

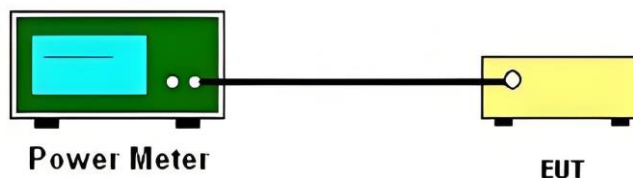
6.2. Test Procedure

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	8.53	N/A	8.53	30	Pass
NVNT	ANT1	802.11b	2437.00	Peak	8.92	N/A	8.92	30	Pass
NVNT	ANT1	802.11b	2462.00	Peak	8.50	N/A	8.50	30	Pass
NVNT	ANT1	802.11g	2412.00	Peak	8.25	N/A	8.25	30	Pass
NVNT	ANT1	802.11g	2437.00	Peak	8.67	N/A	8.67	30	Pass
NVNT	ANT1	802.11g	2462.00	Peak	8.81	N/A	8.81	30	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	Peak	7.78	N/A	7.78	30	Pass
NVNT	ANT1	802.11n(HT20)	2437.00	Peak	8.15	N/A	8.15	30	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	Peak	8.22	N/A	8.22	30	Pass
NVNT	ANT1	802.11ax(HE20)	2412.00	Peak	8.25	N/A	8.25	30	Pass
NVNT	ANT1	802.11ax(HE20)	2437.00	Peak	8.53	N/A	8.53	30	Pass
NVNT	ANT1	802.11ax(HE20)	2462.00	Peak	8.59	N/A	8.59	30	Pass
NVNT	ANT1	802.11n(HT40)	2422.00	Peak	7.93	N/A	7.93	30	Pass
NVNT	ANT1	802.11n(HT40)	2437.00	Peak	8.17	N/A	8.17	30	Pass
NVNT	ANT1	802.11n(HT40)	2452.00	Peak	7.73	N/A	7.73	30	Pass
NVNT	ANT1	802.11ax(HE40)	2422.00	Peak	8.90	N/A	8.90	30	Pass
NVNT	ANT1	802.11ax(HE40)	2437.00	Peak	8.53	N/A	8.53	30	Pass
NVNT	ANT1	802.11ax(HE40)	2452.00	Peak	8.47	N/A	8.47	30	Pass

7. Peak Power Spectral Density

7.1. Test limits

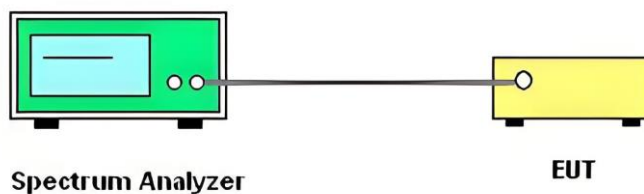
For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission. This power spectral density shall be determined in accordance with the provisions of 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

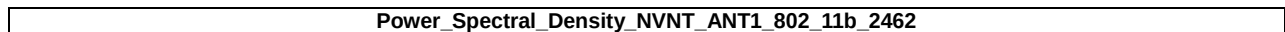
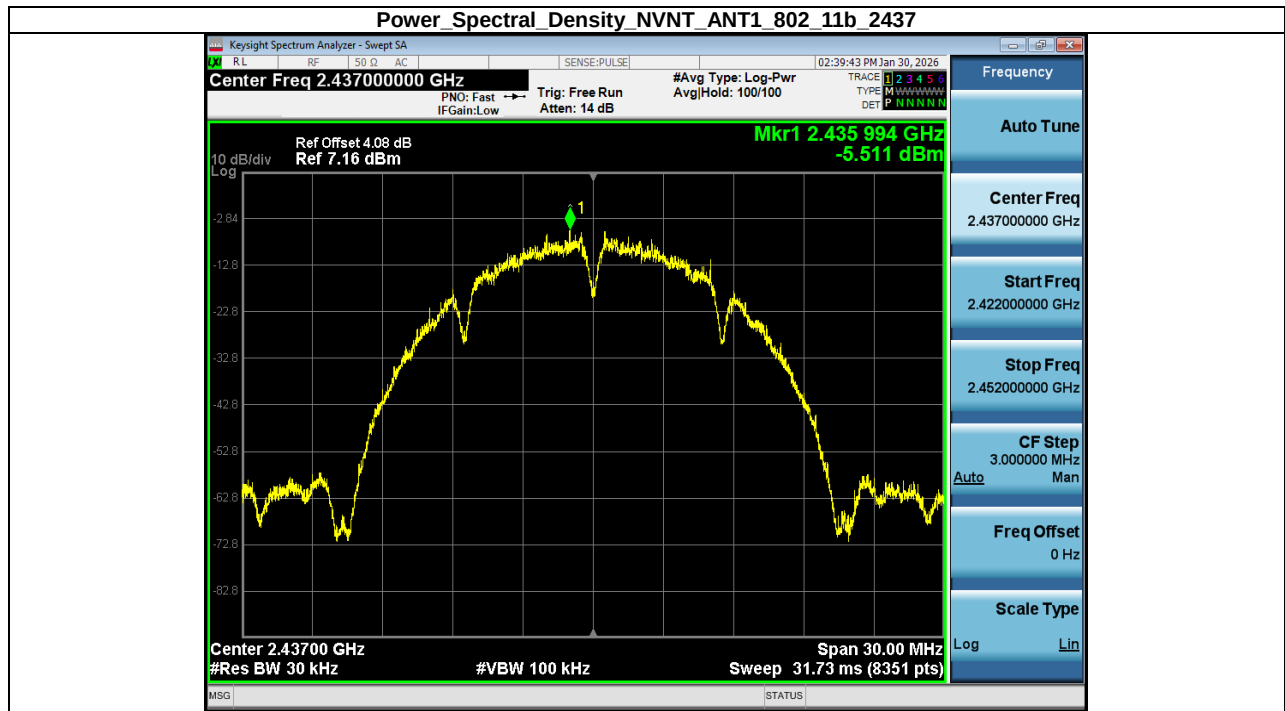
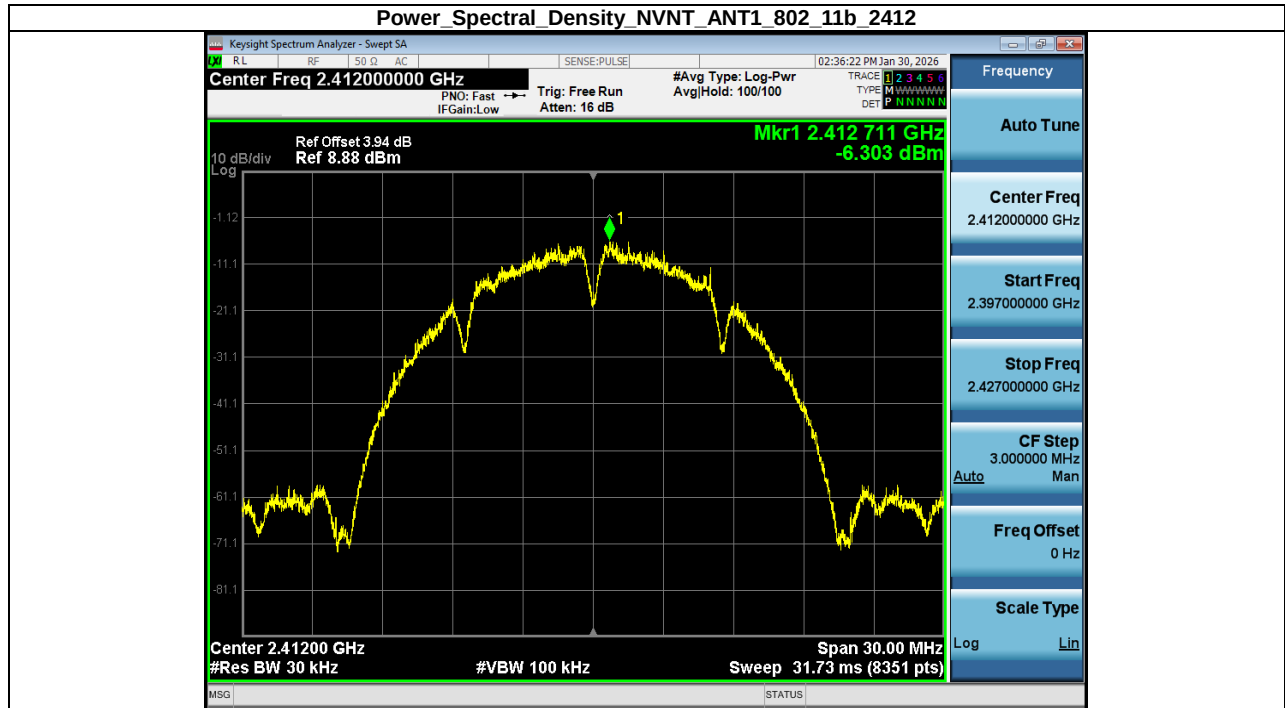
1. Place the EUT on the table and set it in transmitting mode.
2. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.
3. Set the spectrum analyzer as RBW = 30kHz(Set the RBW to: $3\text{ kHz} \leq \text{RBW} \leq 100\text{ kHz}$), VBW = 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.

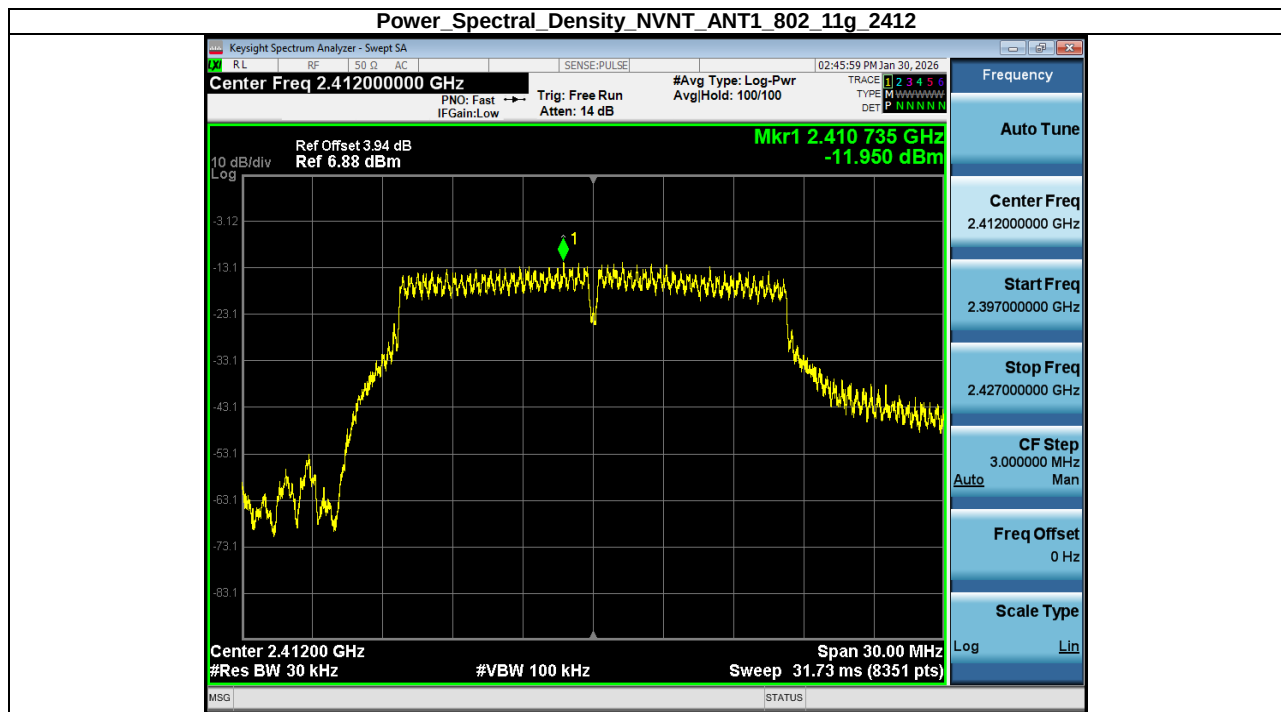
7.3. Test Setup



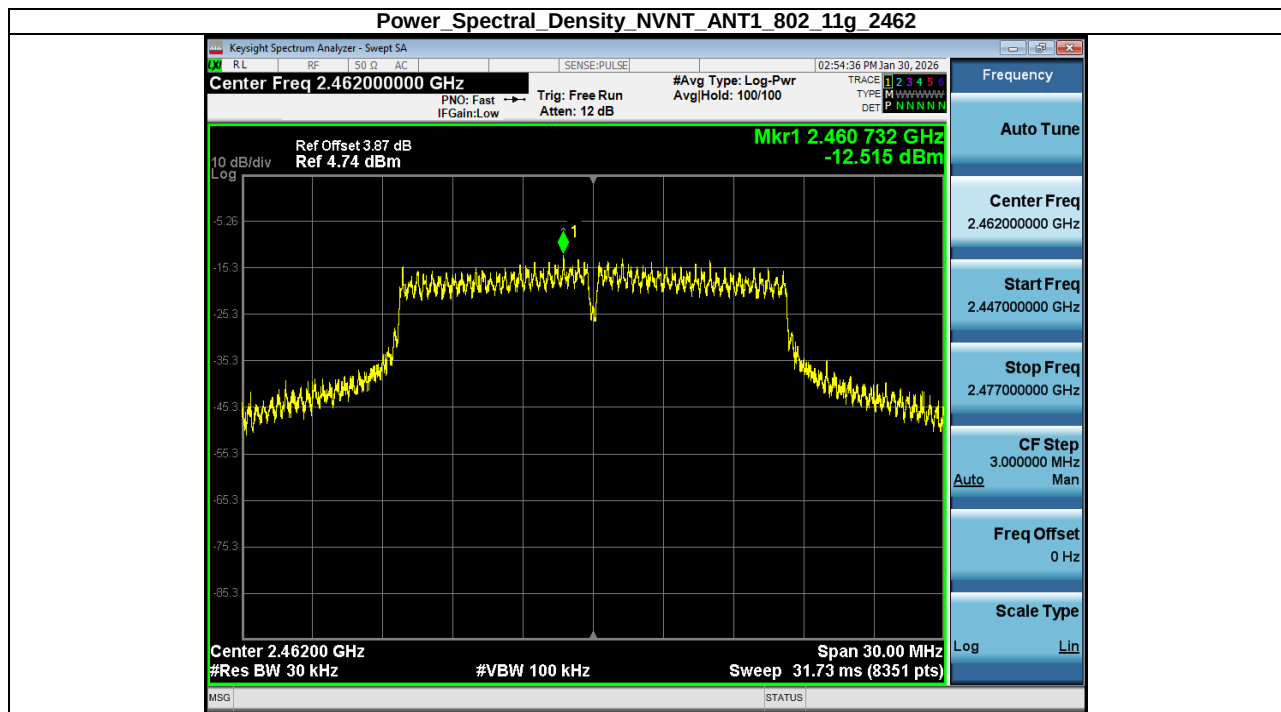
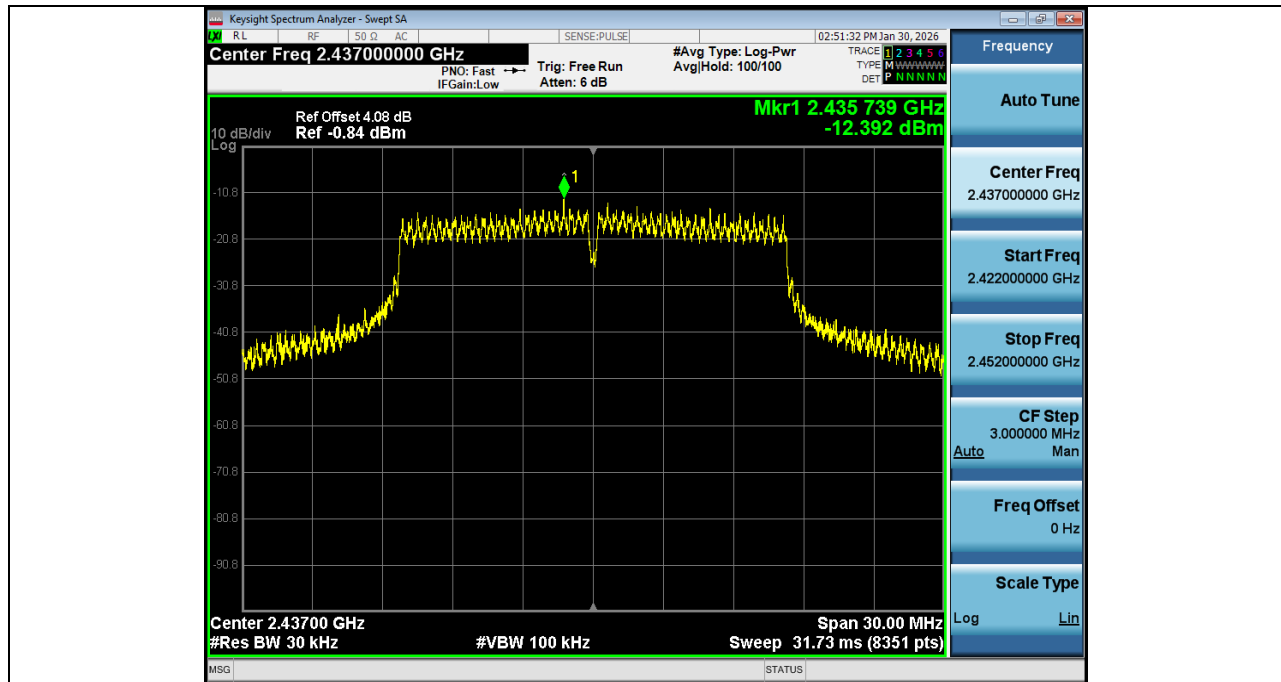
7.4. Test Results

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	-6.30	N/A	-10.00	-16.30	8	Pass
NVNT	ANT1	802.11b	2437.00	-5.51	N/A	-10.00	-15.51	8	Pass
NVNT	ANT1	802.11b	2462.00	-5.35	N/A	-10.00	-15.35	8	Pass
NVNT	ANT1	802.11g	2412.00	-11.95	N/A	-10.00	-21.95	8	Pass
NVNT	ANT1	802.11g	2437.00	-12.39	N/A	-10.00	-22.39	8	Pass
NVNT	ANT1	802.11g	2462.00	-12.52	N/A	-10.00	-22.52	8	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	-13.73	N/A	-10.00	-23.73	8	Pass
NVNT	ANT1	802.11n(HT20)	2437.00	-14.33	N/A	-10.00	-24.33	8	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	-13.11	N/A	-10.00	-23.11	8	Pass
NVNT	ANT1	802.11ax(HE20)	2412.00	-14.71	N/A	-10.00	-24.70	8	Pass
NVNT	ANT1	802.11ax(HE20)	2437.00	-14.42	N/A	-10.00	-24.42	8	Pass
NVNT	ANT1	802.11ax(HE20)	2462.00	-14.37	N/A	-10.00	-24.37	8	Pass
NVNT	ANT1	802.11n(HT40)	2422.00	-16.98	N/A	-10.00	-26.98	8	Pass
NVNT	ANT1	802.11n(HT40)	2437.00	-17.09	N/A	-10.00	-27.09	8	Pass
NVNT	ANT1	802.11n(HT40)	2452.00	-17.03	N/A	-10.00	-27.03	8	Pass
NVNT	ANT1	802.11ax(HE40)	2422.00	-16.72	N/A	-10.00	-26.72	8	Pass
NVNT	ANT1	802.11ax(HE40)	2437.00	-16.76	N/A	-10.00	-26.76	8	Pass
NVNT	ANT1	802.11ax(HE40)	2452.00	-16.83	N/A	-10.00	-26.83	8	Pass

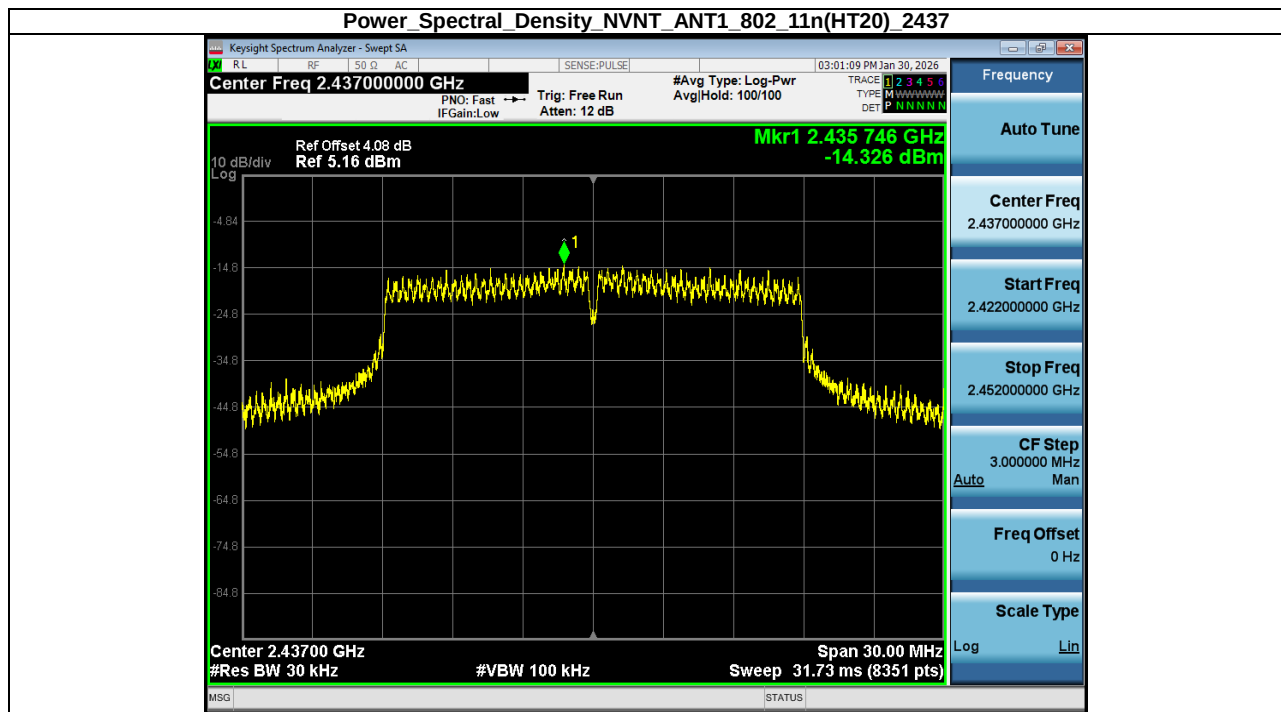
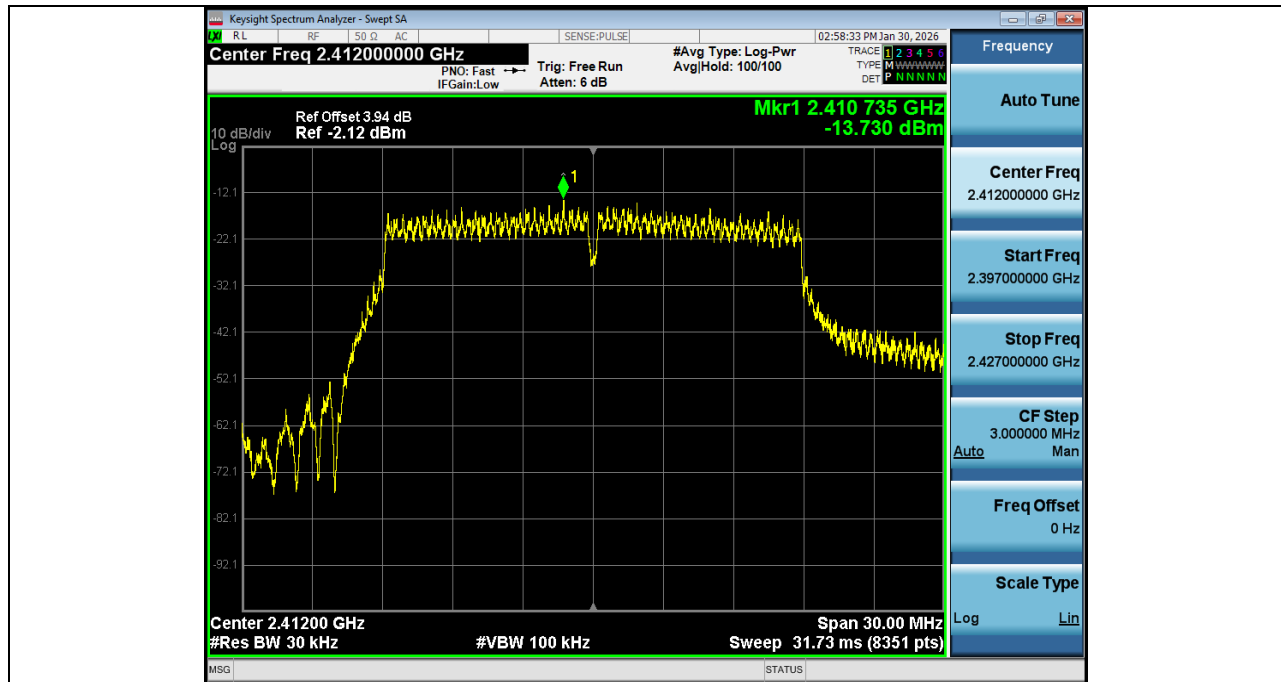




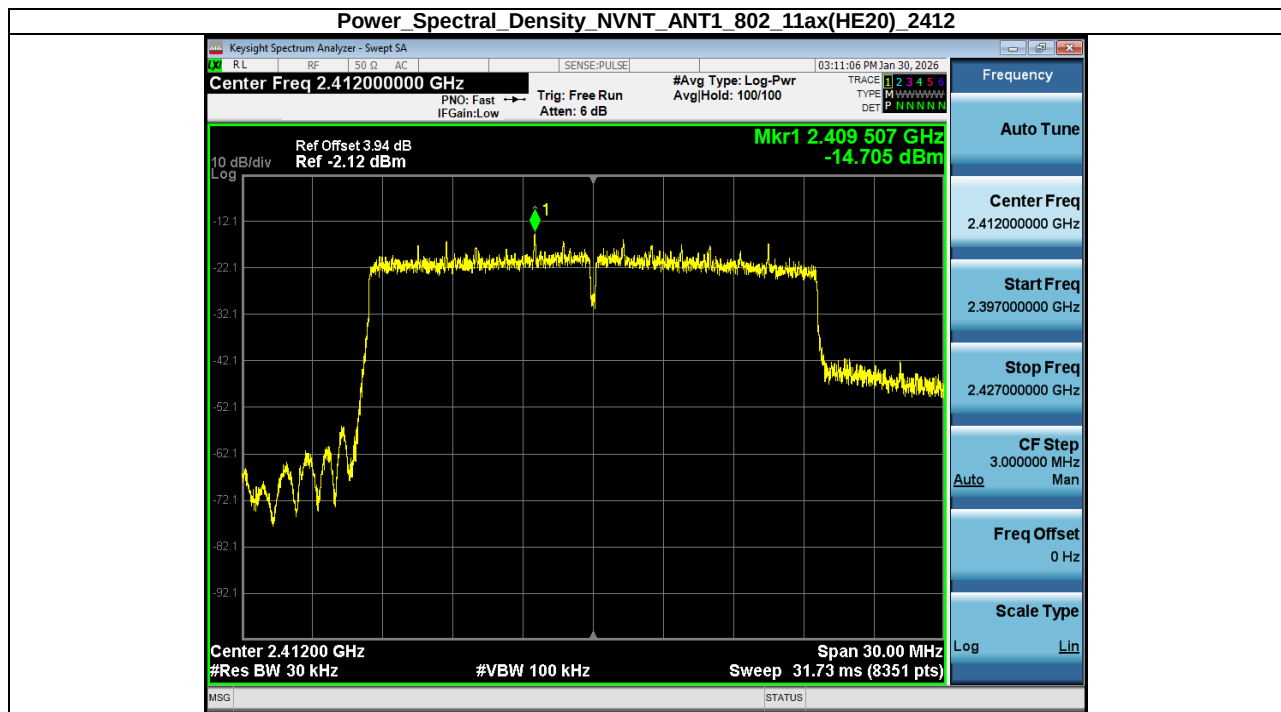
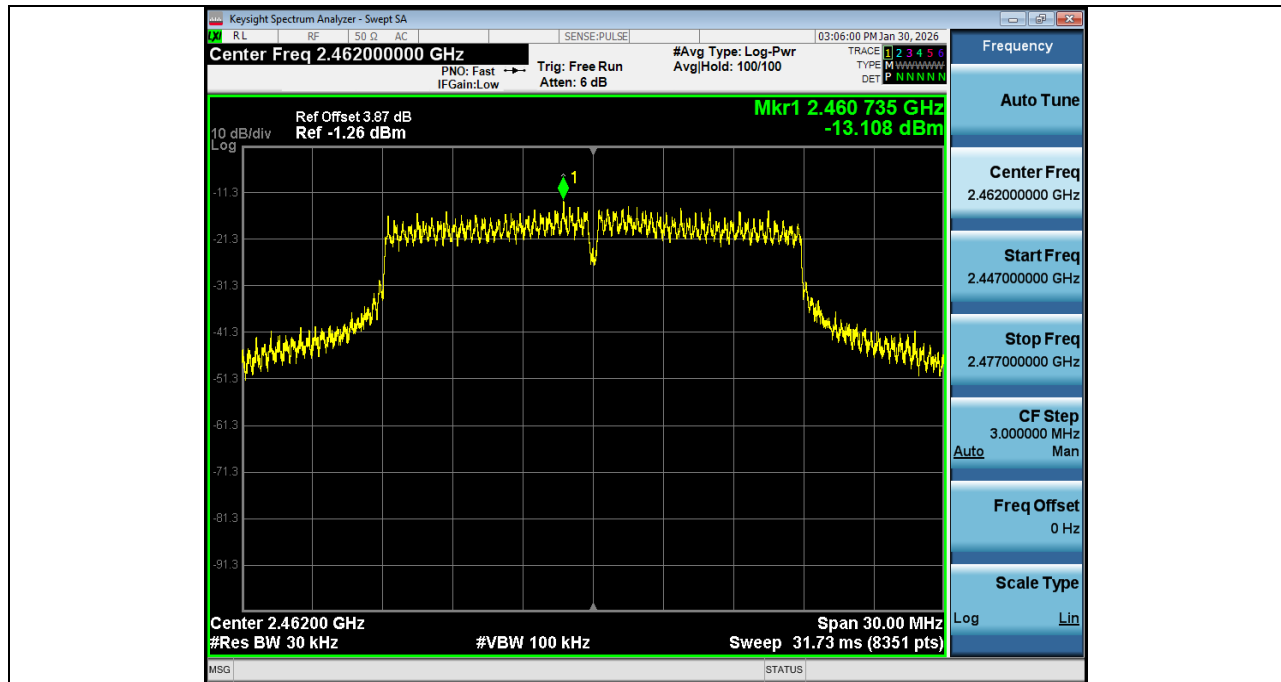
Power Spectral Density NVNT ANT1 802 11g 2437



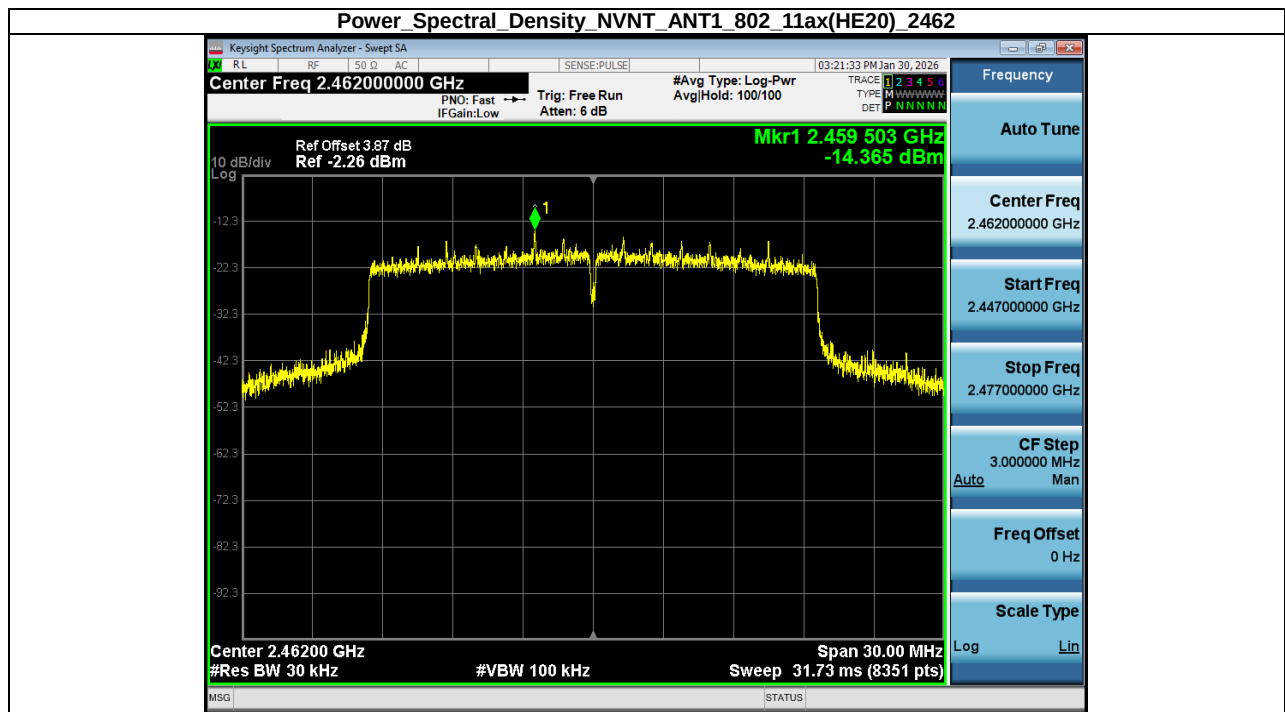
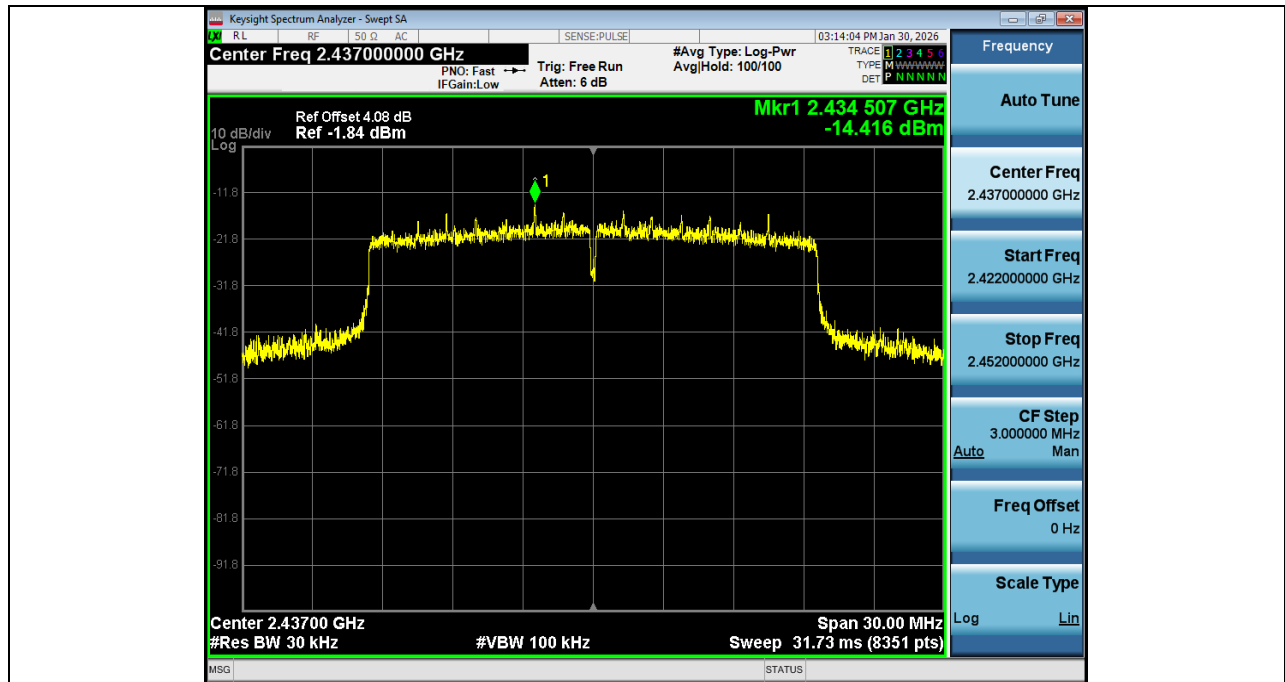
Power Spectral Density NVNT ANT1 802 11n(HT20) 2412



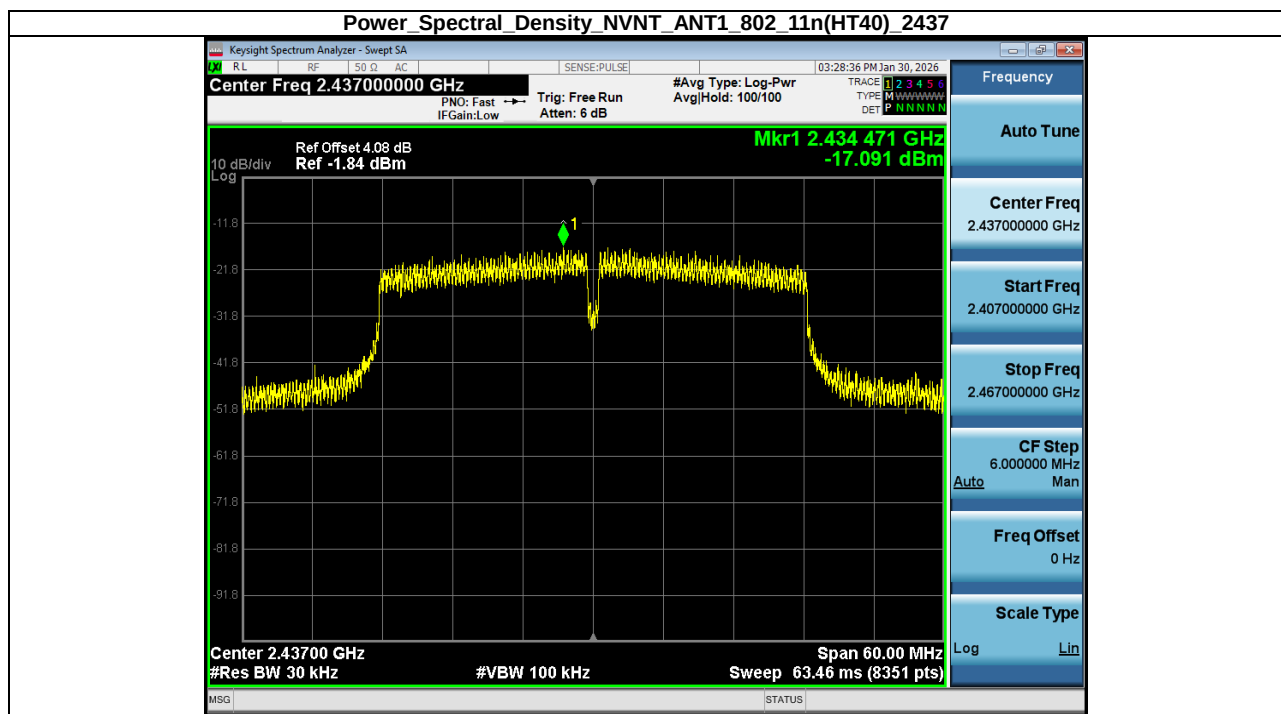
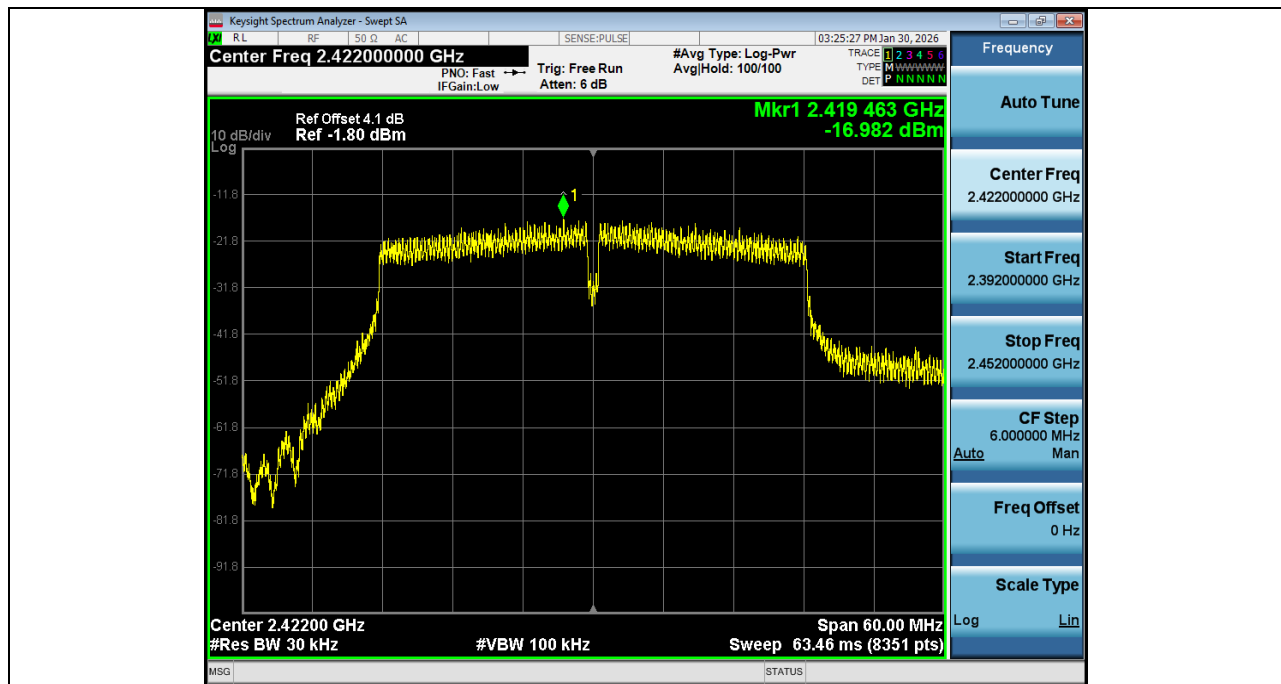
Power Spectral Density NVNT ANT1 802 11n(HT20) 2462



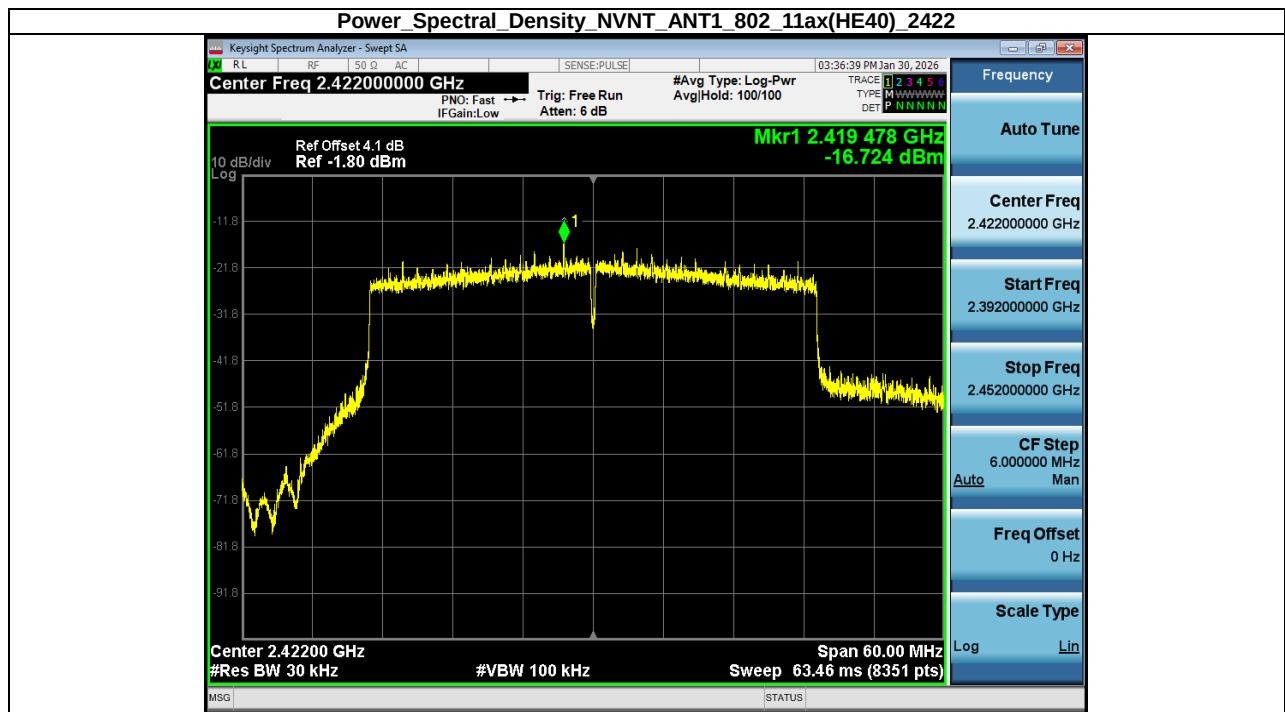
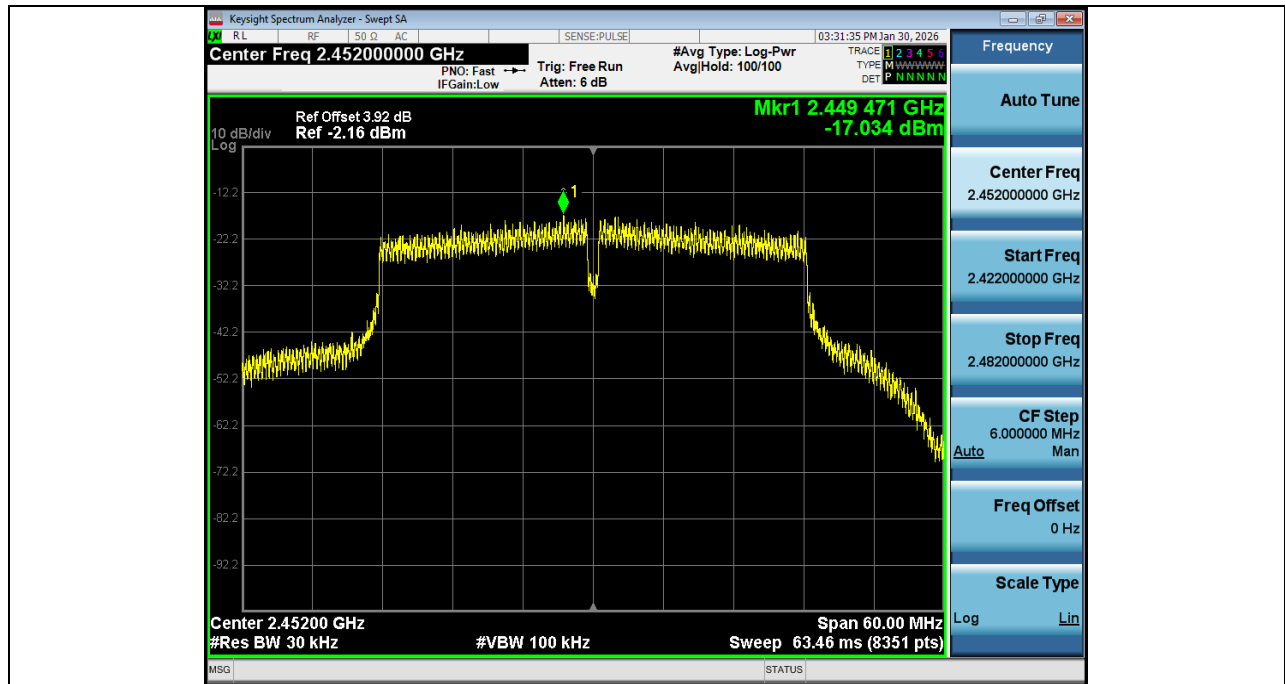
Power Spectral Density NVNT_ANT1_802_11ax(HE20)_2437



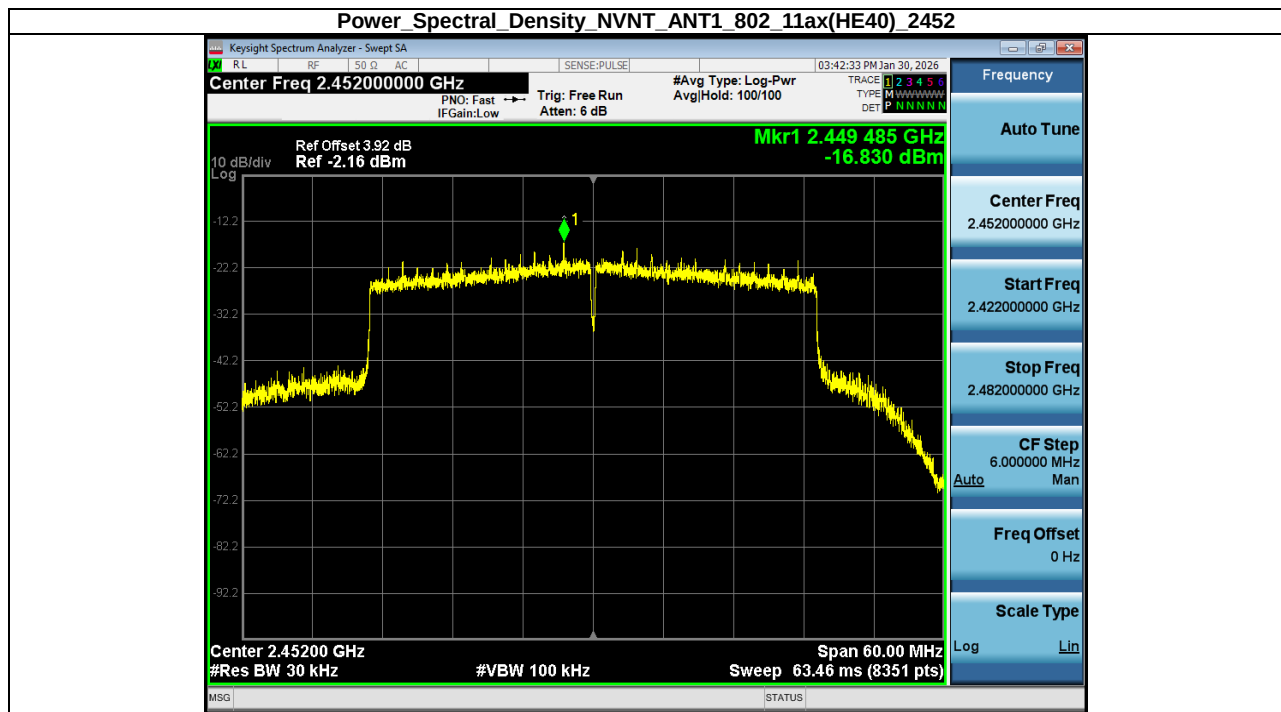
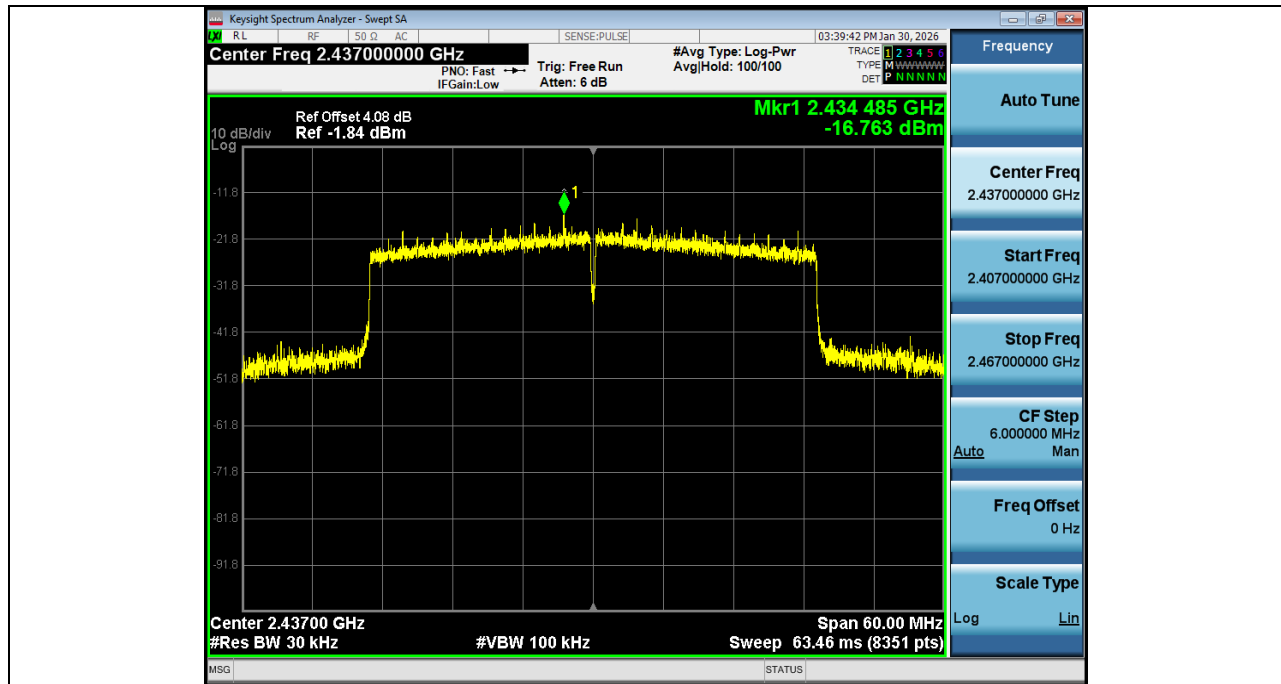
Power Spectral Density NVNT ANT1 802 11n(HT40) 2422



Power Spectral Density NVNT ANT1 802 11n(HT40) 2452



Power Spectral Density NVNT_ANT1_802_11ax(HE40)_2437



8. Occupied Bandwidth

8.1. Test limits

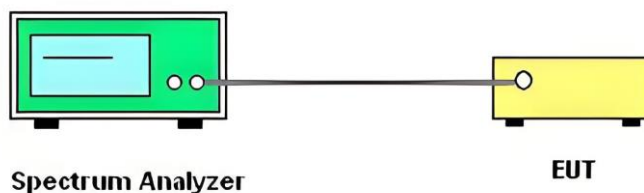
Systems using digital modulation techniques may operate in the 902-928 MHz, and 2400-2483.5 MHz bands. The minimum 6 dB bandwidth shall be at least 500 kHz

8.2. Test Procedure

Details see the KDB558074 D01 Meas Guidance v05r02

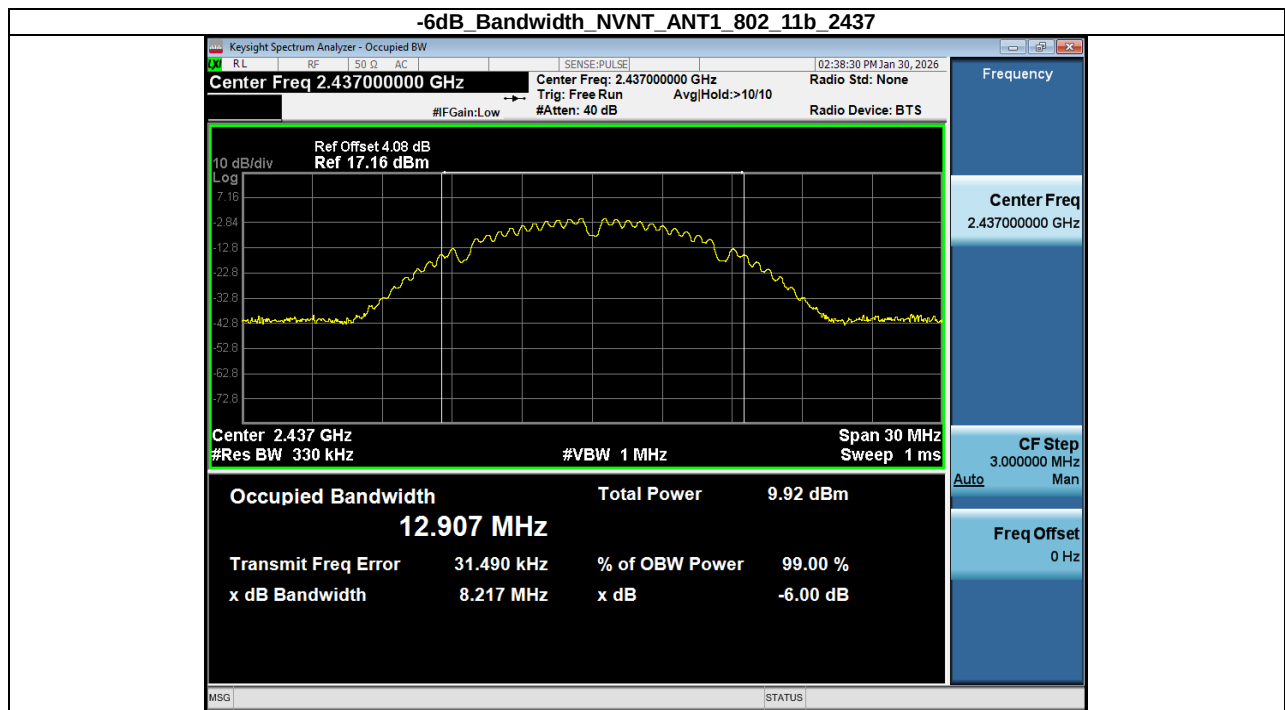
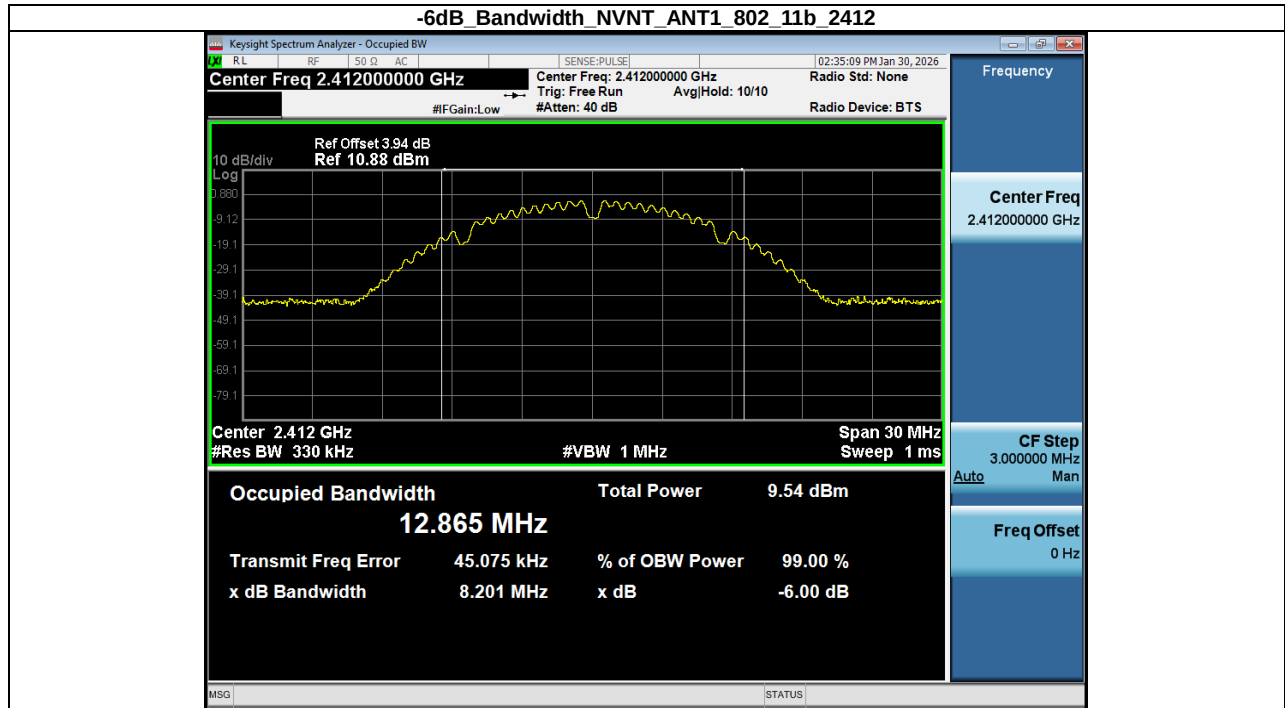
- The bandwidth is measured at an amplitude level reduced 6dB from the reference level. The reference level is the level of the highest amplitude signal observed from the transmitter at the fundamental frequency. Once the reference level is established, the equipment is conditioned with typical modulating 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.

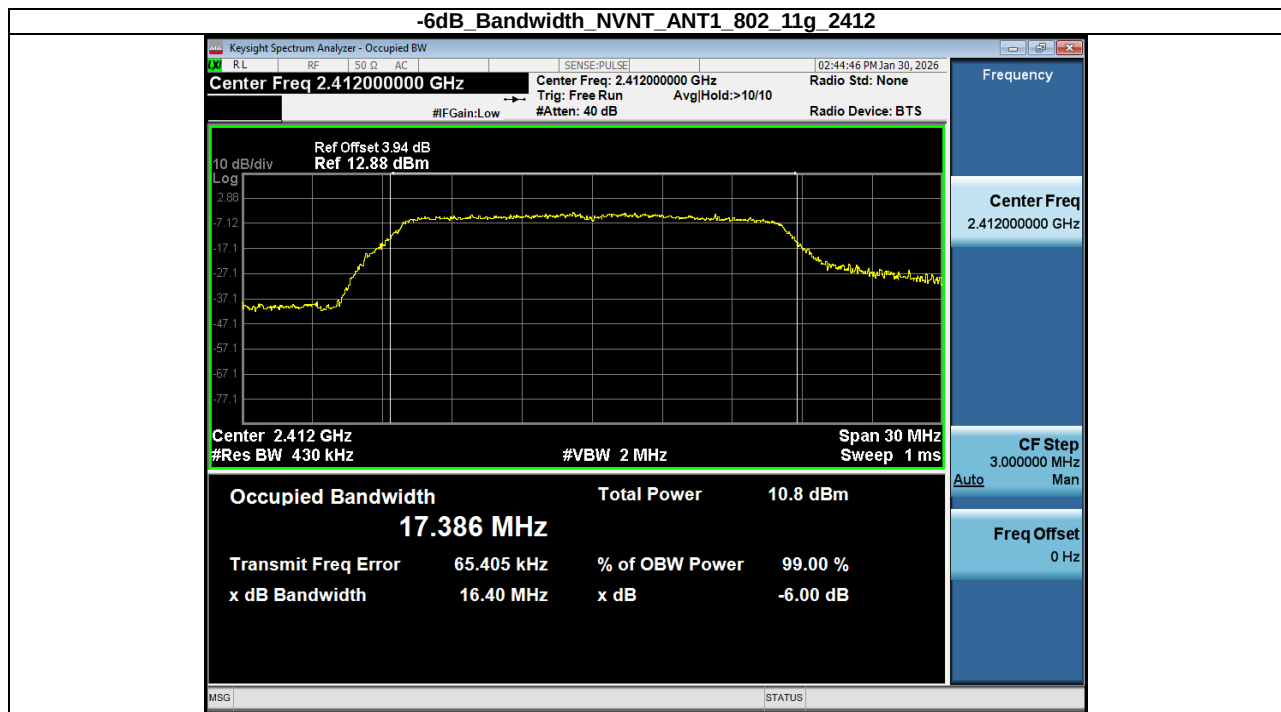
8.3. Test Setup



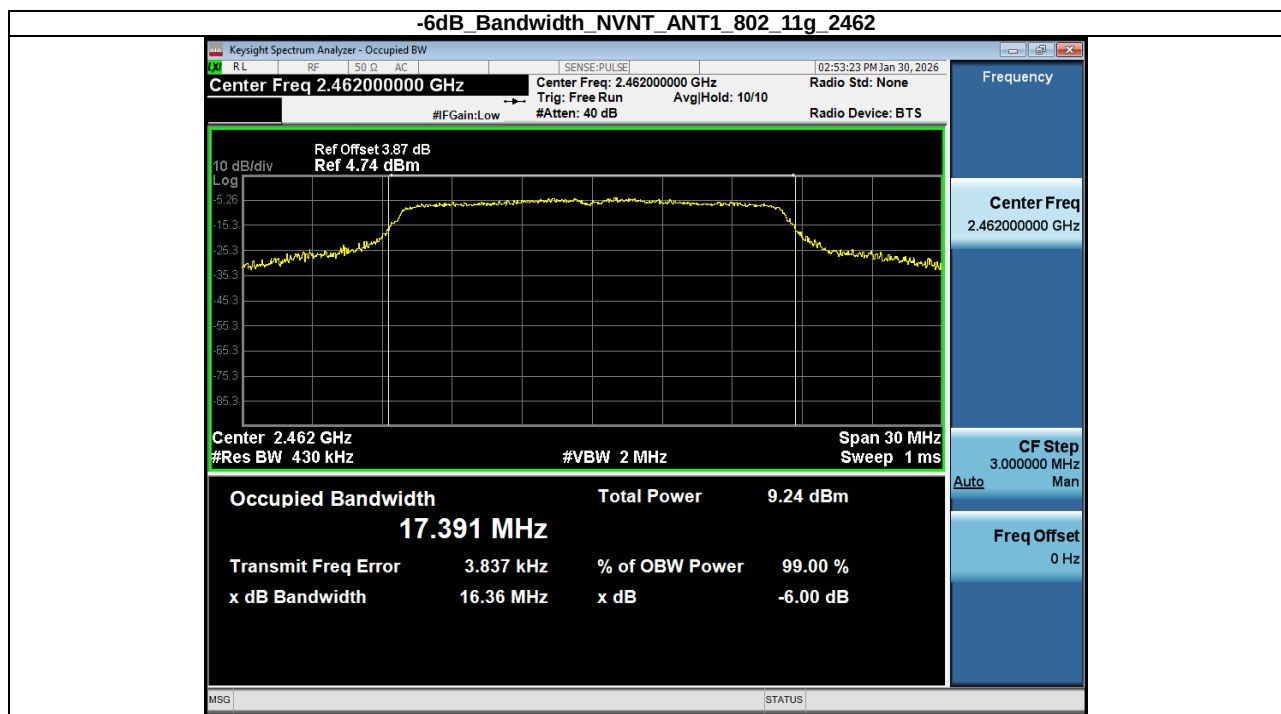
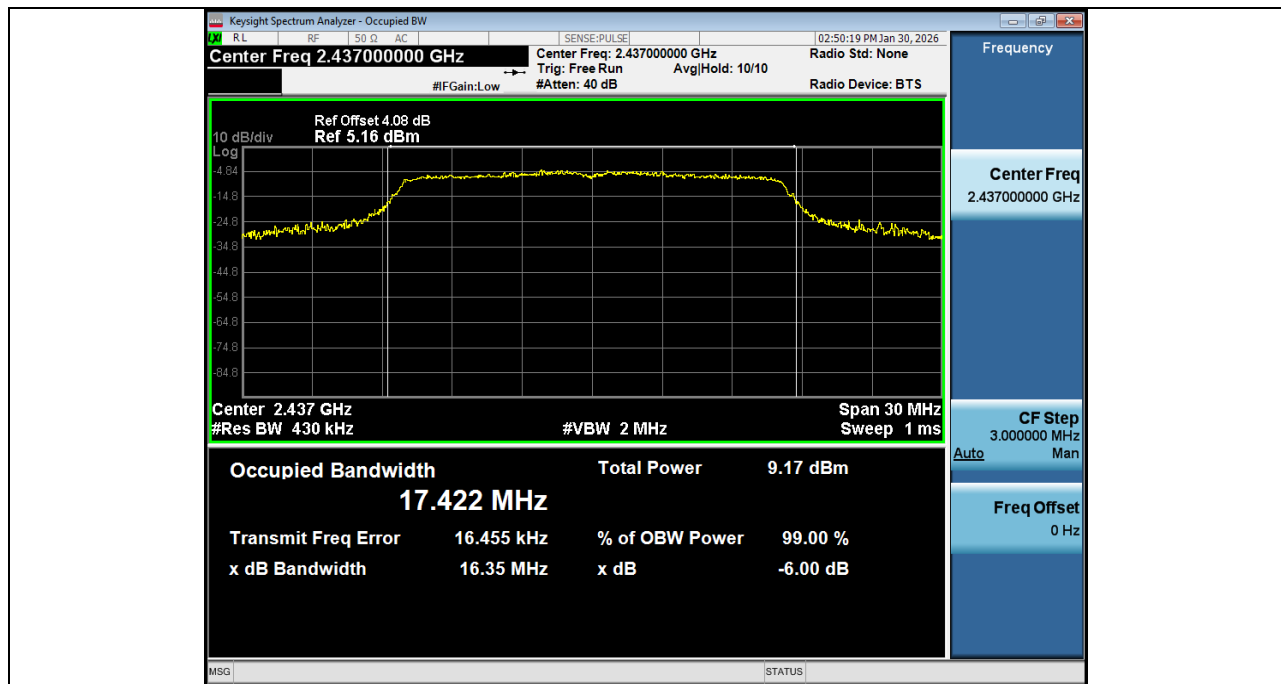
8.4. Test Results

Condition	Antenna	Modulation	Frequency (MHz)	-6dB BW(MHz)	limit(kHz)	Result
NVNT	ANT1	802.11b	2412.00	8.20	500	Pass
NVNT	ANT1	802.11b	2437.00	8.22	500	Pass
NVNT	ANT1	802.11b	2462.00	8.22	500	Pass
NVNT	ANT1	802.11g	2412.00	16.40	500	Pass
NVNT	ANT1	802.11g	2437.00	16.35	500	Pass
NVNT	ANT1	802.11g	2462.00	16.36	500	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	17.70	500	Pass
NVNT	ANT1	802.11n(HT20)	2437.00	17.58	500	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	17.62	500	Pass
NVNT	ANT1	802.11ax(HE20)	2412.00	18.94	500	Pass
NVNT	ANT1	802.11ax(HE20)	2437.00	18.92	500	Pass
NVNT	ANT1	802.11ax(HE20)	2462.00	18.90	500	Pass
NVNT	ANT1	802.11n(HT40)	2422.00	35.83	500	Pass
NVNT	ANT1	802.11n(HT40)	2437.00	35.91	500	Pass
NVNT	ANT1	802.11n(HT40)	2452.00	35.75	500	Pass
NVNT	ANT1	802.11ax(HE40)	2422.00	37.50	500	Pass
NVNT	ANT1	802.11ax(HE40)	2437.00	37.48	500	Pass
NVNT	ANT1	802.11ax(HE40)	2452.00	36.86	500	Pass

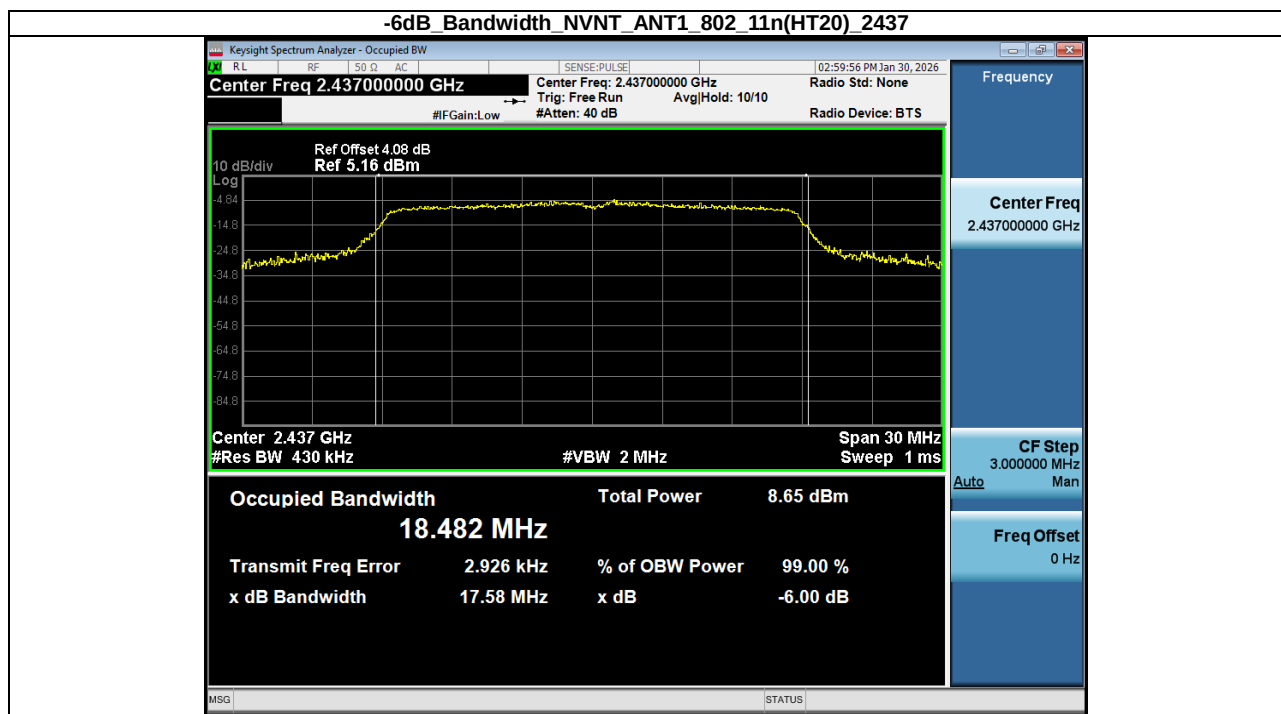




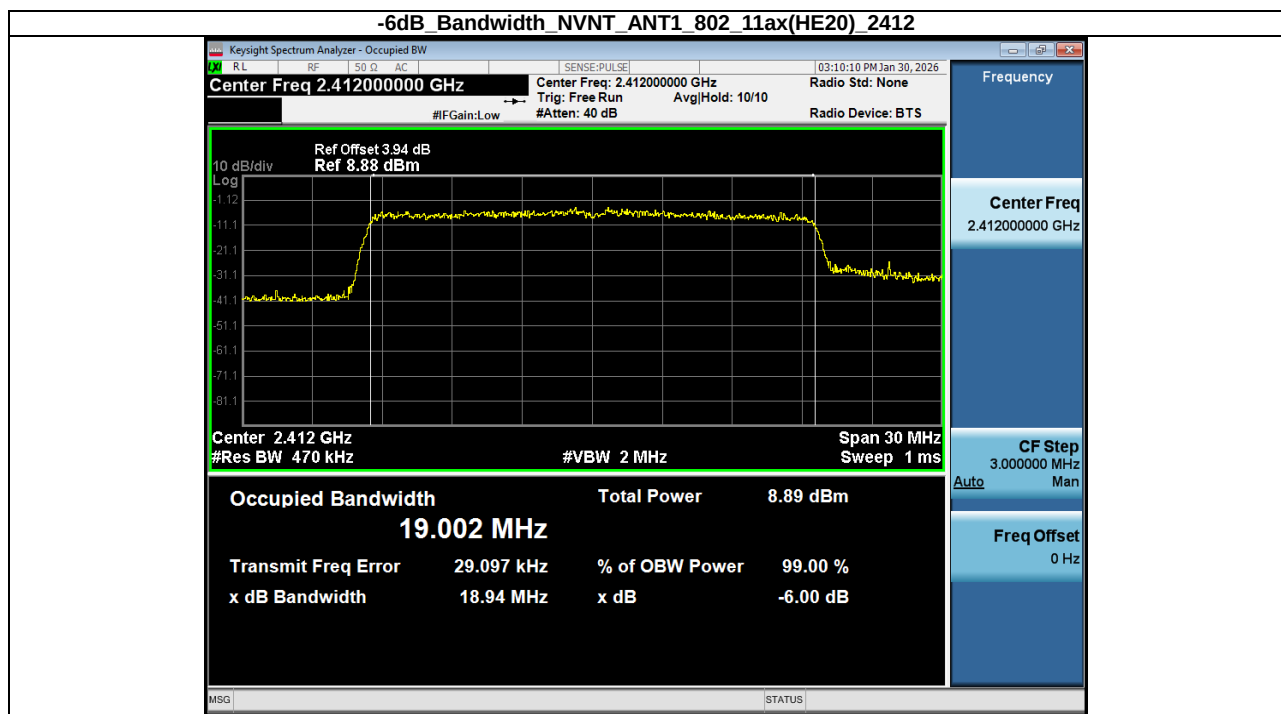
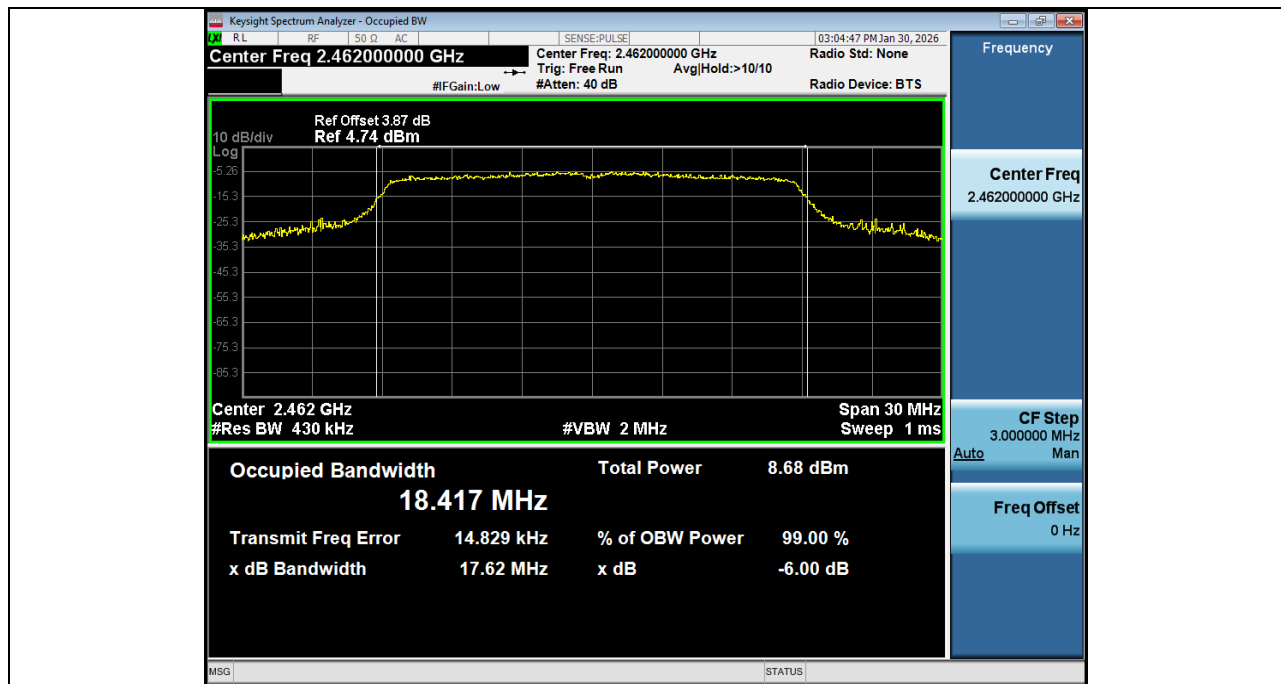
-6dB_Bandwidth_NVNT_ANT1_802_11g_2437



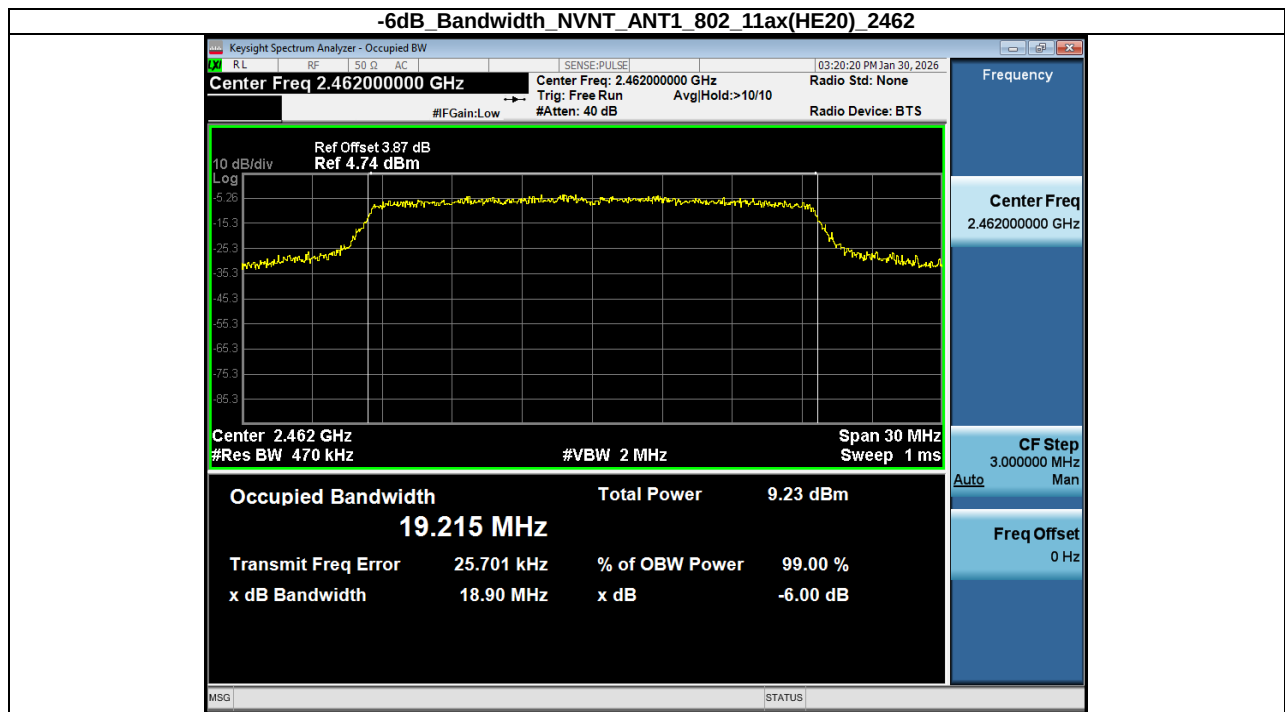
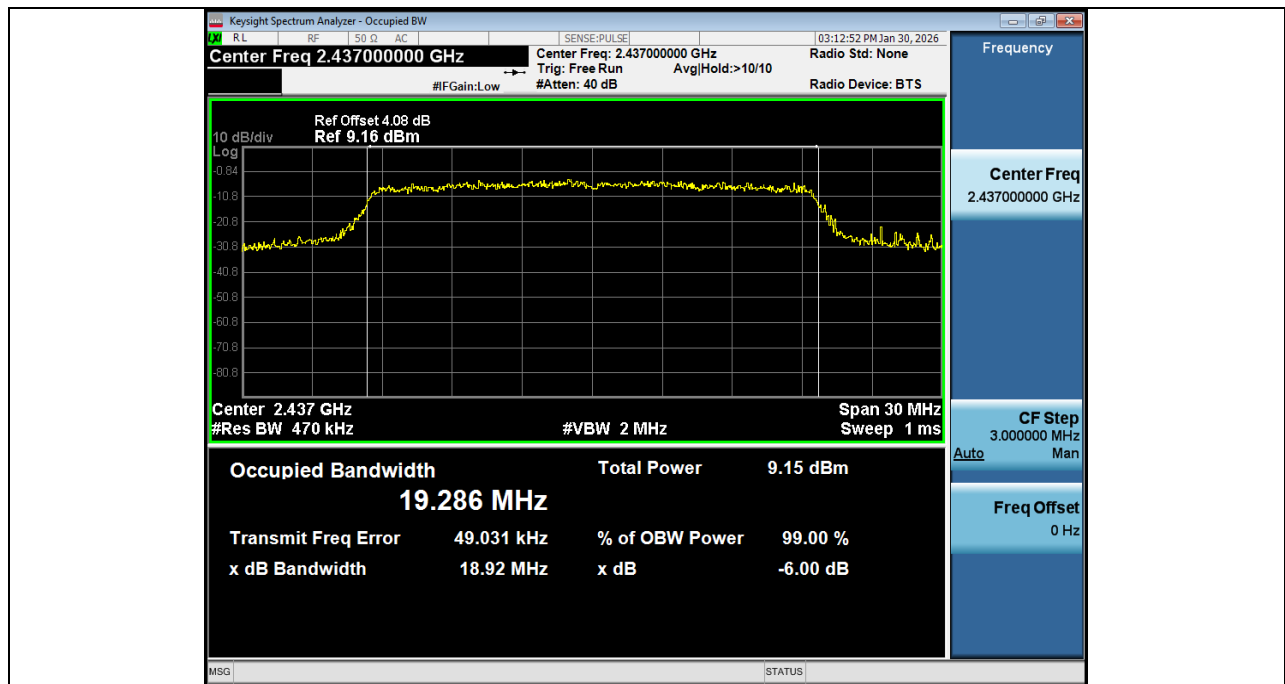
-6dB_Bandwidth_NVNT_ANT1_802_11n(HT20)_2412



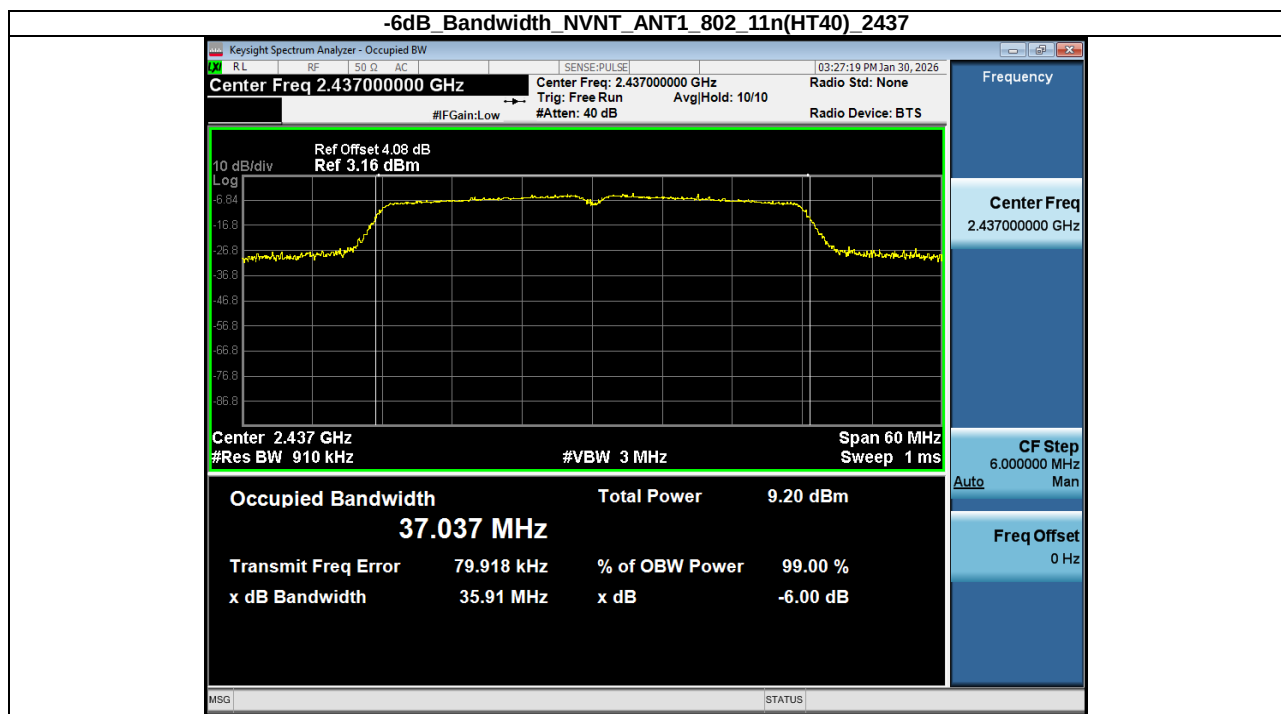
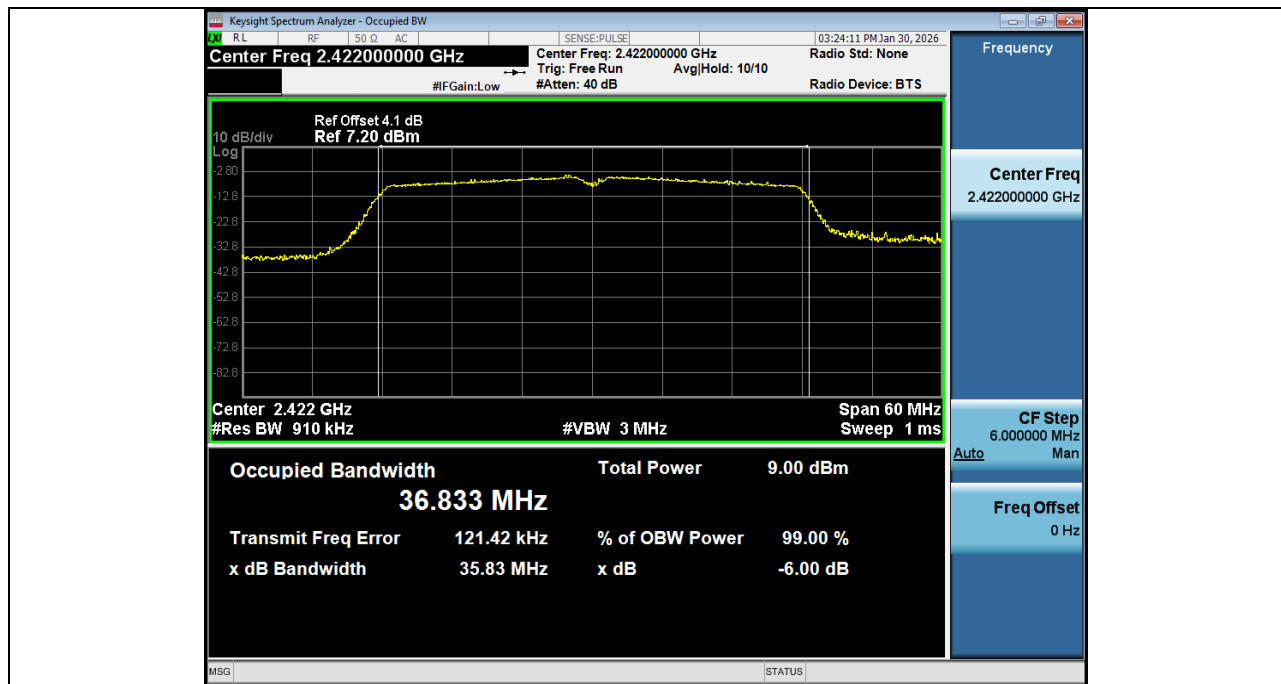
-6dB_Bandwidth_NVNT_ANT1_802_11n(HT20)_2462



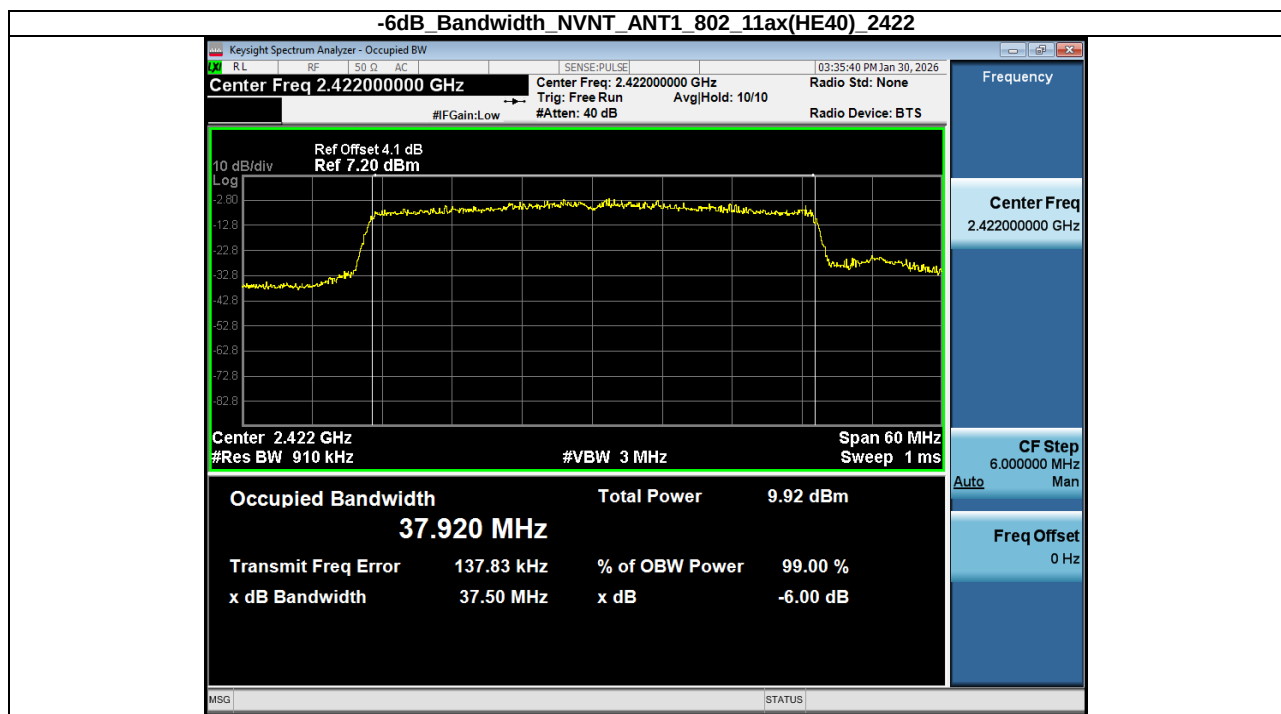
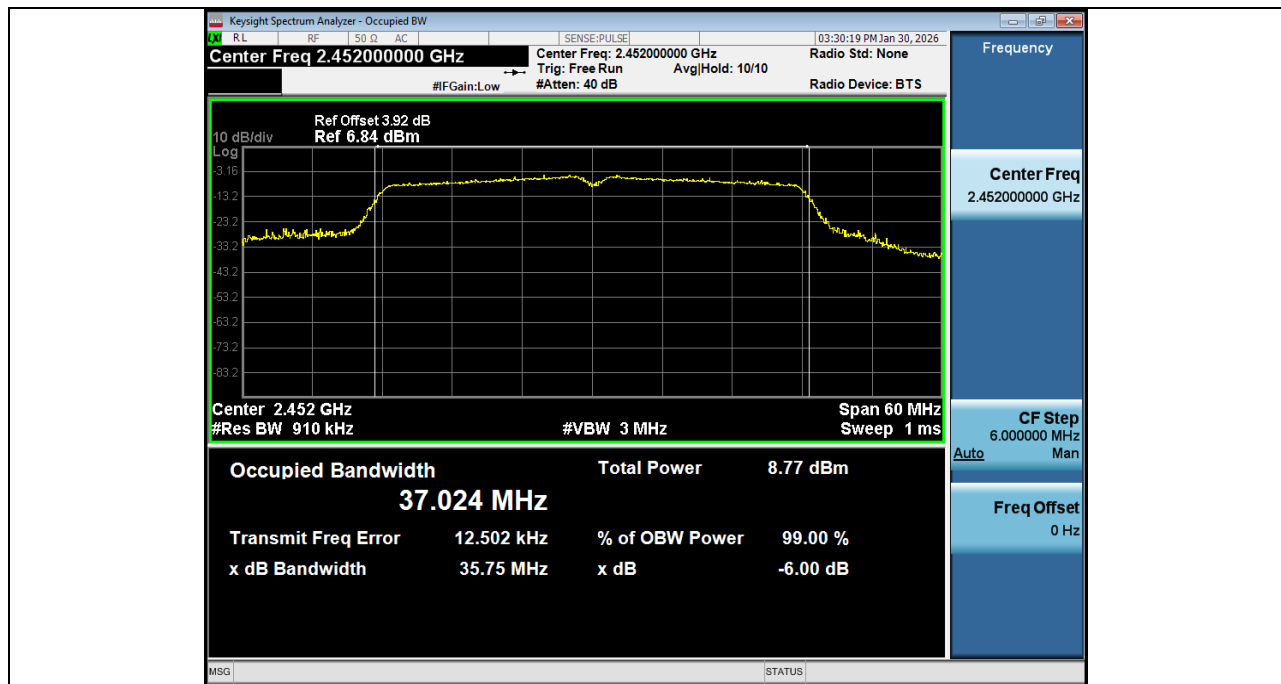
-6dB_Bandwidth_NVNT_ANT1_802_11ax(HE20)_2437



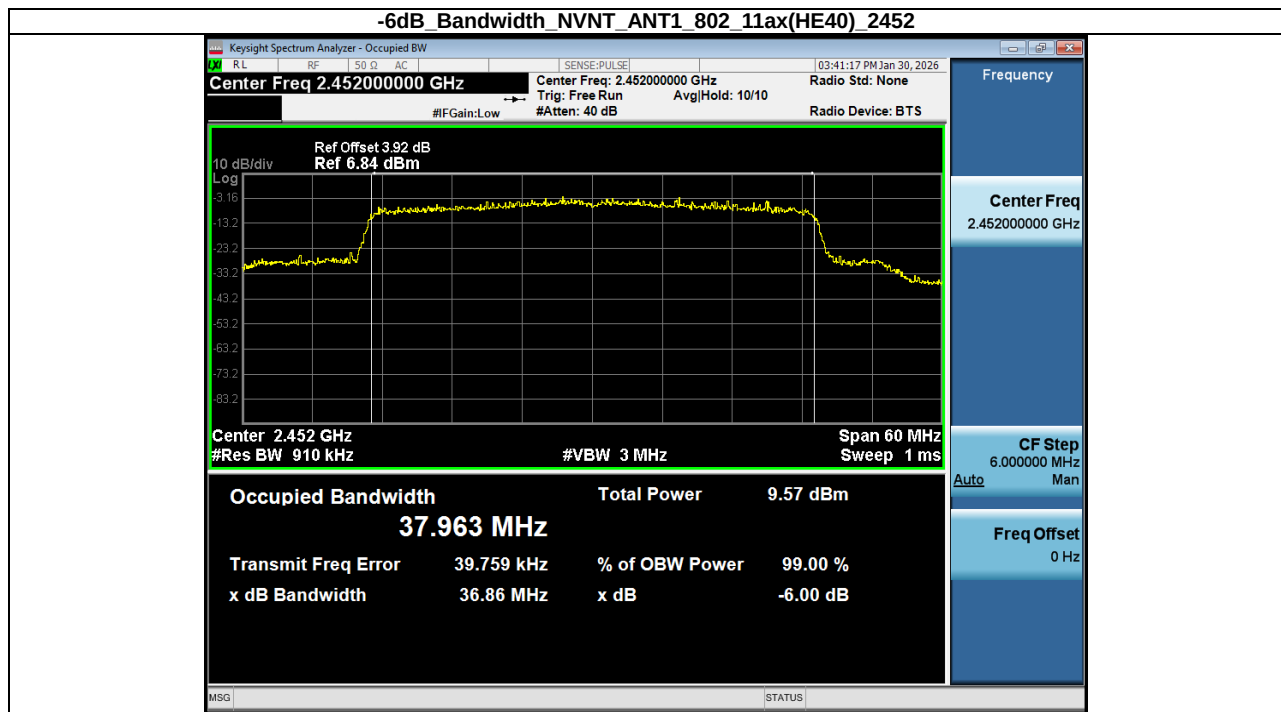
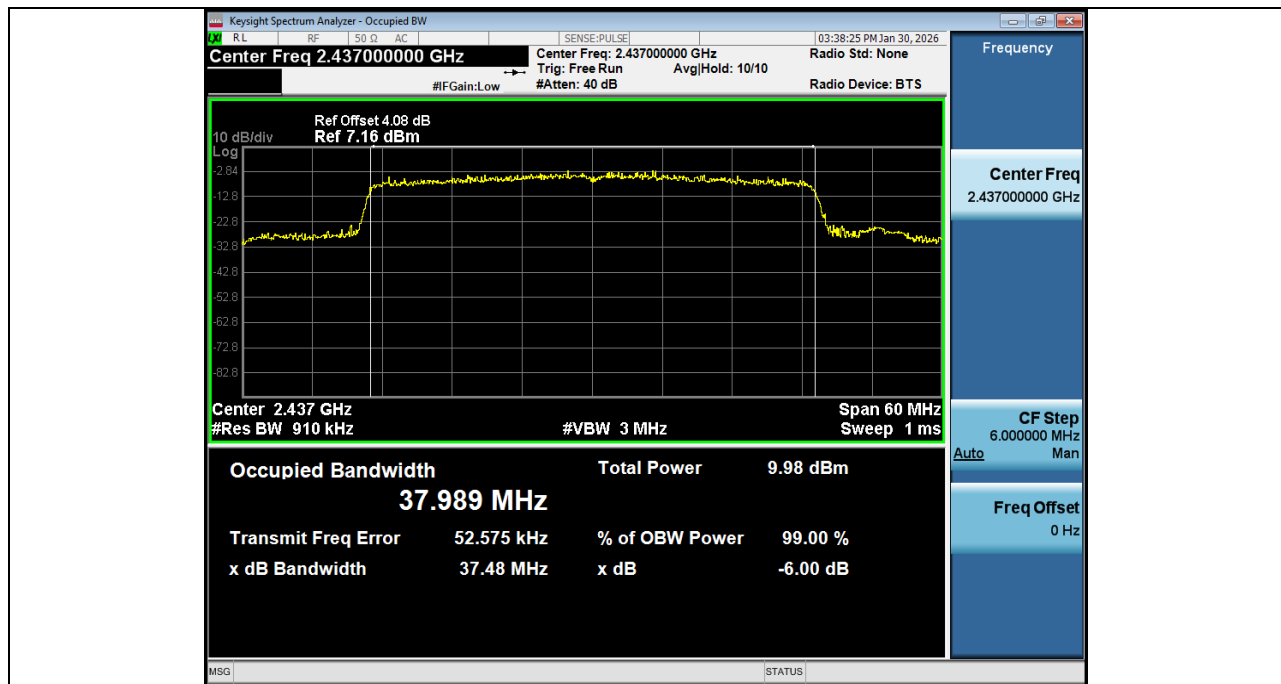
-6dB_Bandwidth_NVNT_ANT1_802_11n(HT40)_2422



-6dB_Bandwidth_NVNT_ANT1_802_11n(HT40)_2452

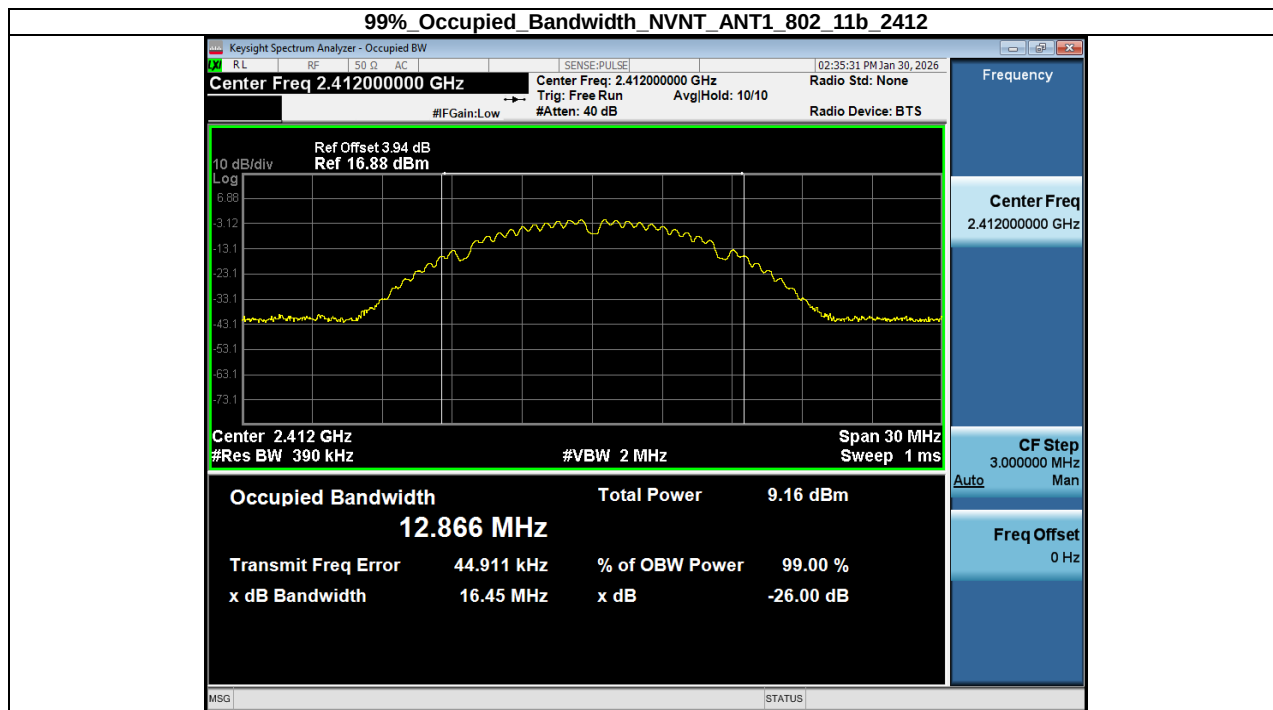


-6dB_Bandwidth_NVNT_ANT1_802_11ax(HE40)_2437

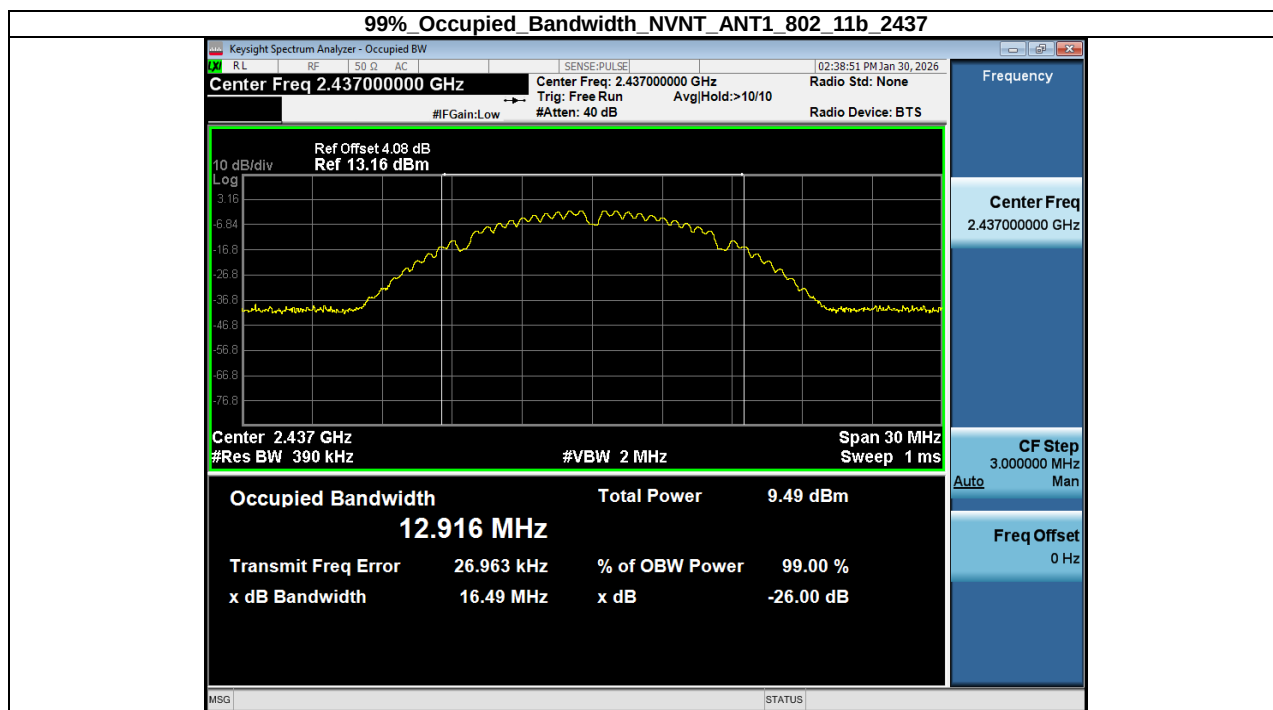


Condition	Antenna	Modulation	Frequency (MHz)	99%BW(MHz)
NVNT	ANT1	802.11b	2412.00	12.866
NVNT	ANT1	802.11b	2437.00	12.916
NVNT	ANT1	802.11b	2462.00	12.885
NVNT	ANT1	802.11g	2412.00	17.590
NVNT	ANT1	802.11g	2437.00	18.016
NVNT	ANT1	802.11g	2462.00	18.014
NVNT	ANT1	802.11n(HT20)	2412.00	18.571
NVNT	ANT1	802.11n(HT20)	2437.00	19.157
NVNT	ANT1	802.11n(HT20)	2462.00	18.914
NVNT	ANT1	802.11ax(HE20)	2412.00	19.017
NVNT	ANT1	802.11ax(HE20)	2437.00	19.503
NVNT	ANT1	802.11ax(HE20)	2462.00	19.326
NVNT	ANT1	802.11n(HT40)	2422.00	36.807
NVNT	ANT1	802.11n(HT40)	2437.00	37.069
NVNT	ANT1	802.11n(HT40)	2452.00	36.984
NVNT	ANT1	802.11ax(HE40)	2422.00	38.036
NVNT	ANT1	802.11ax(HE40)	2437.00	38.191
NVNT	ANT1	802.11ax(HE40)	2452.00	38.163

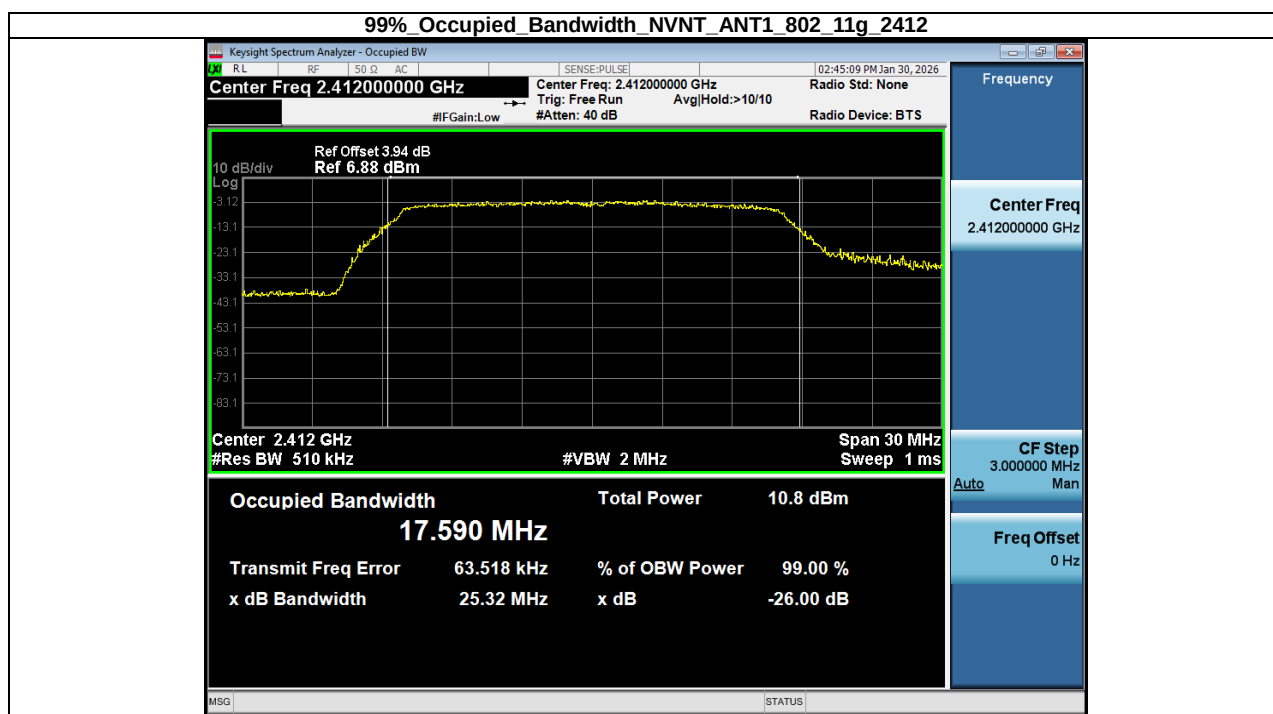
99% Occupied Bandwidth NVNT_ANT1_802_11b_2412



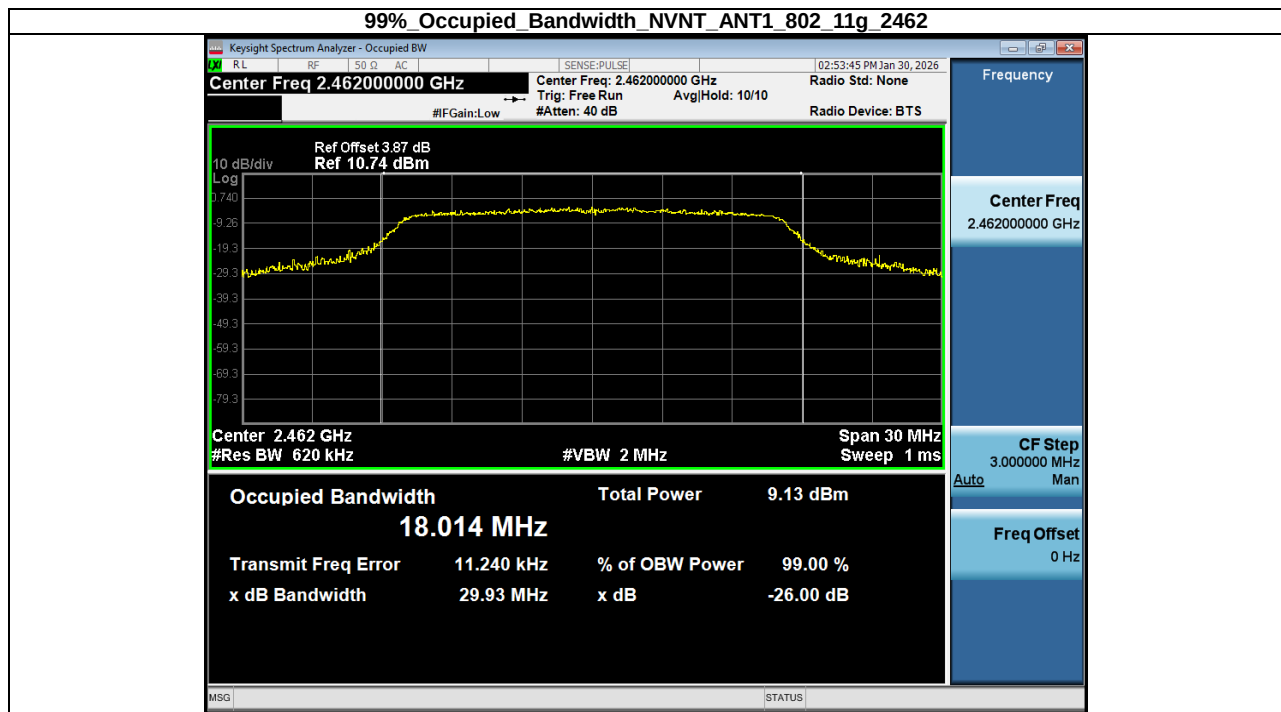
99% Occupied Bandwidth NVNT_ANT1_802_11b_2437



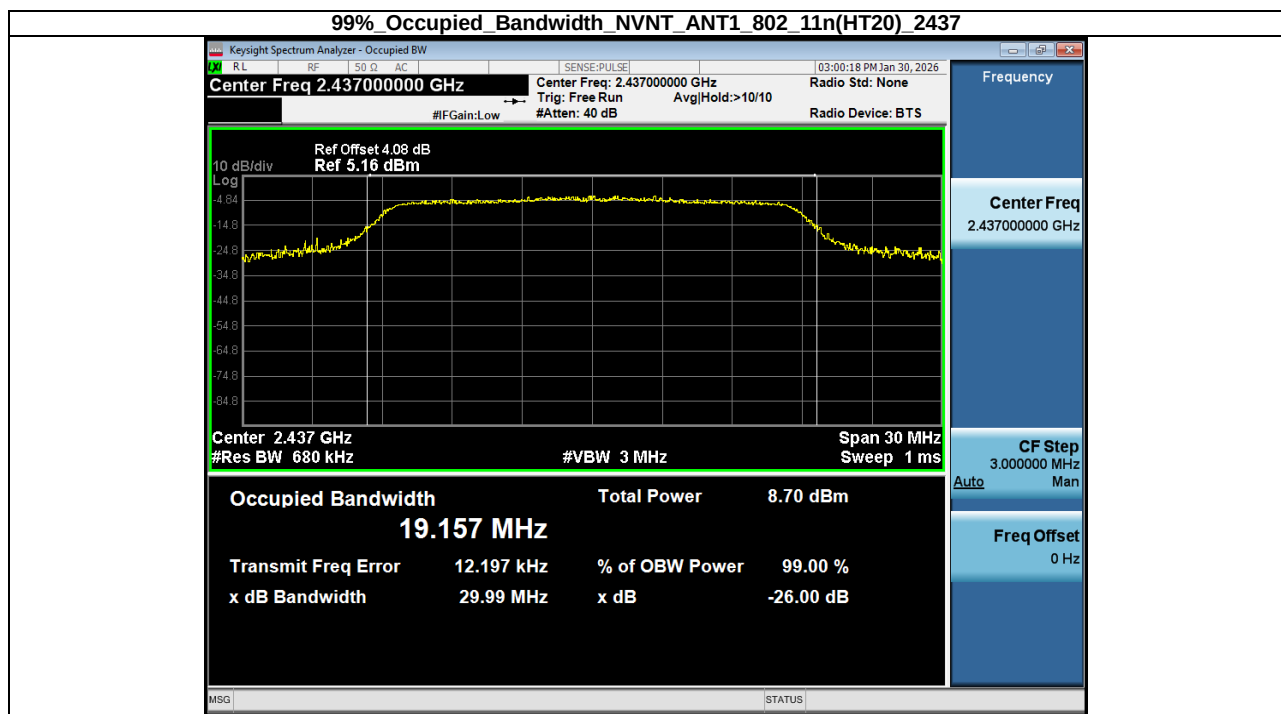
99% Occupied Bandwidth NVNT_ANT1_802_11b_2462



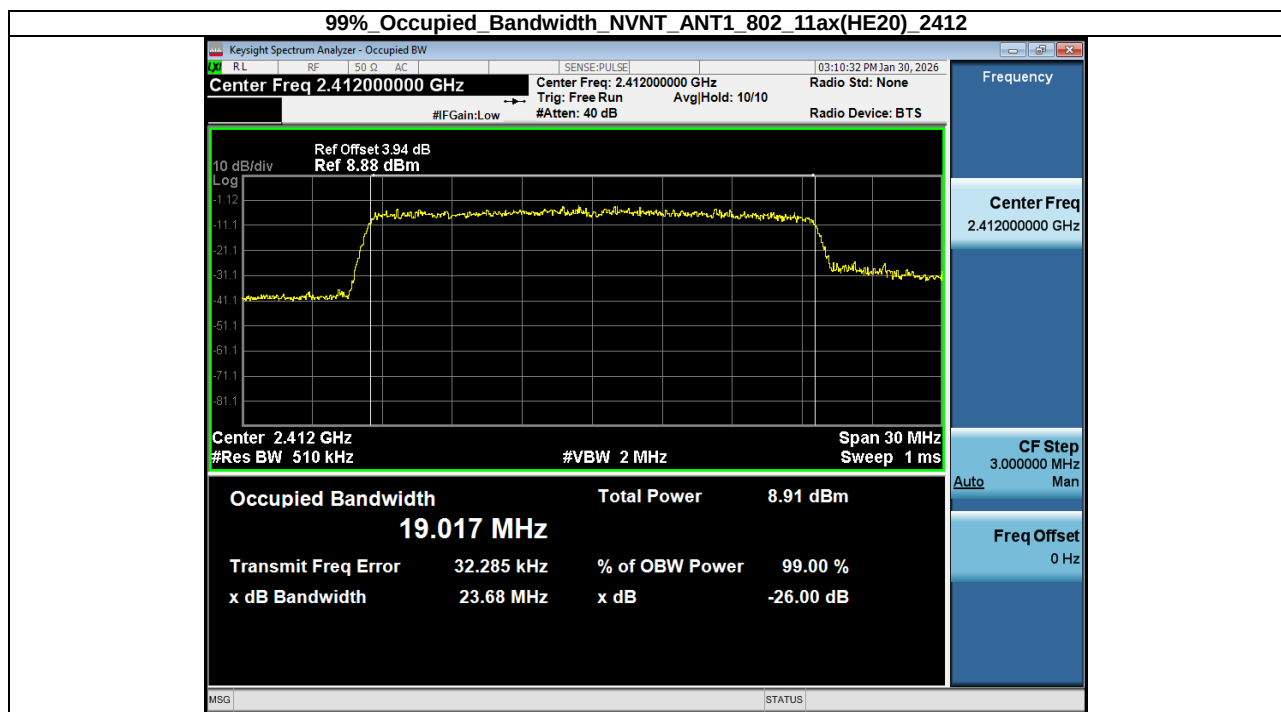
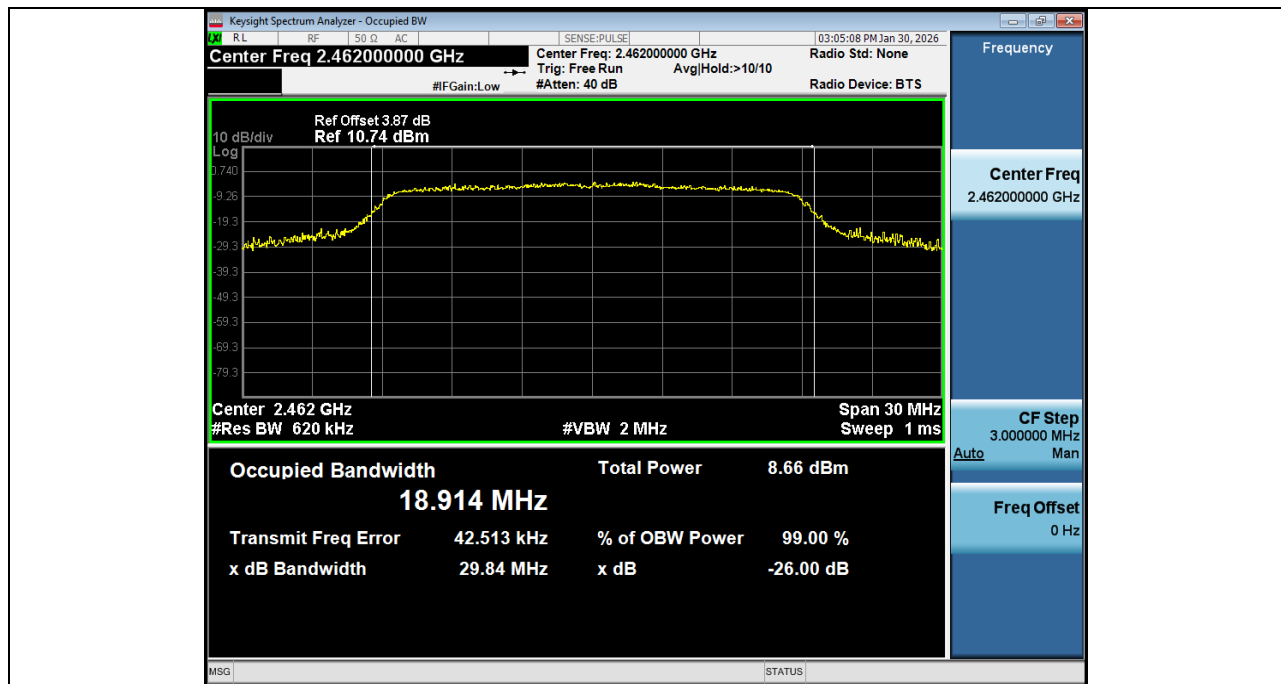
99% Occupied Bandwidth NVNT_ANT1_802_11g_2437



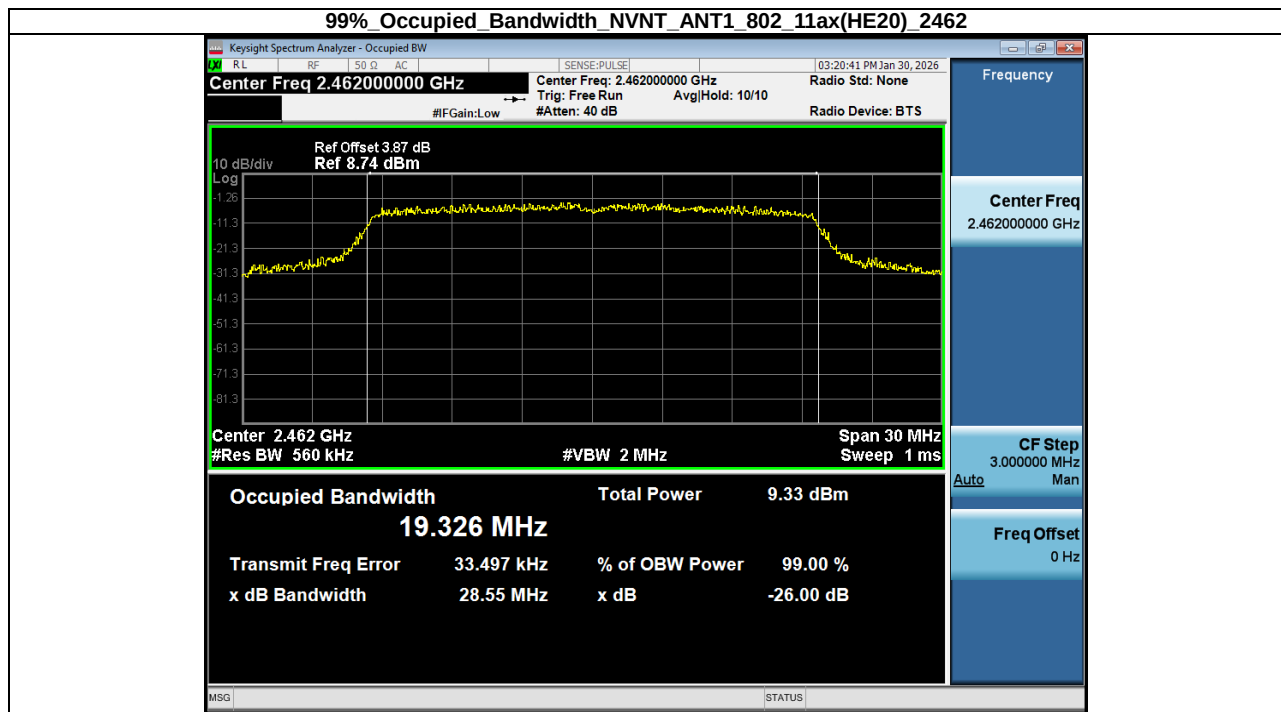
99% Occupied Bandwidth NVNT_ANT1_802_11n(HT20)_2412



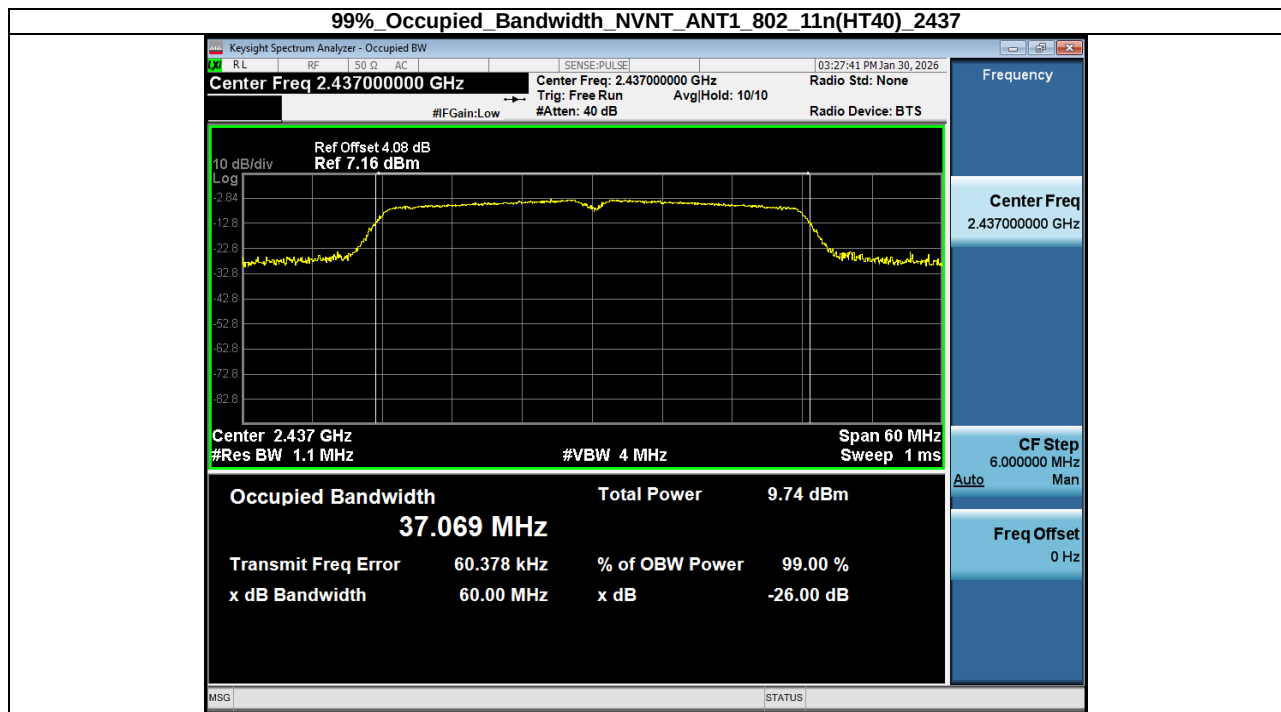
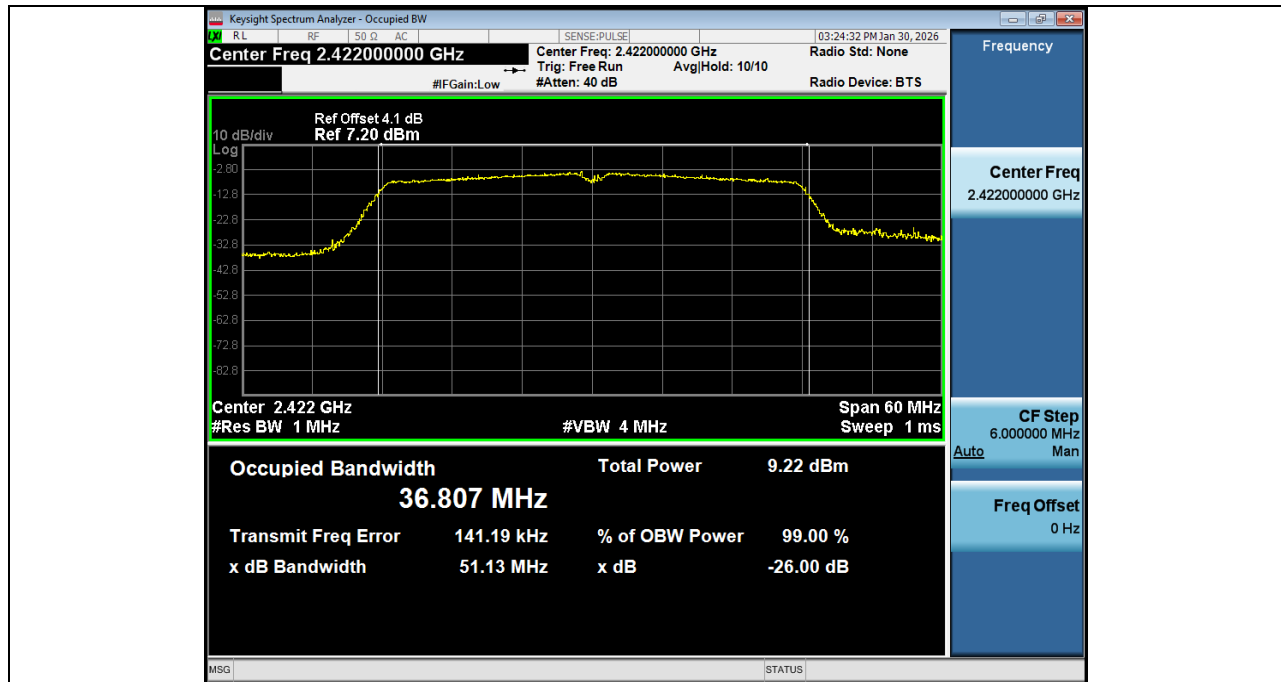
99% Occupied Bandwidth NVNT_ANT1_802_11n(HT20)_2462



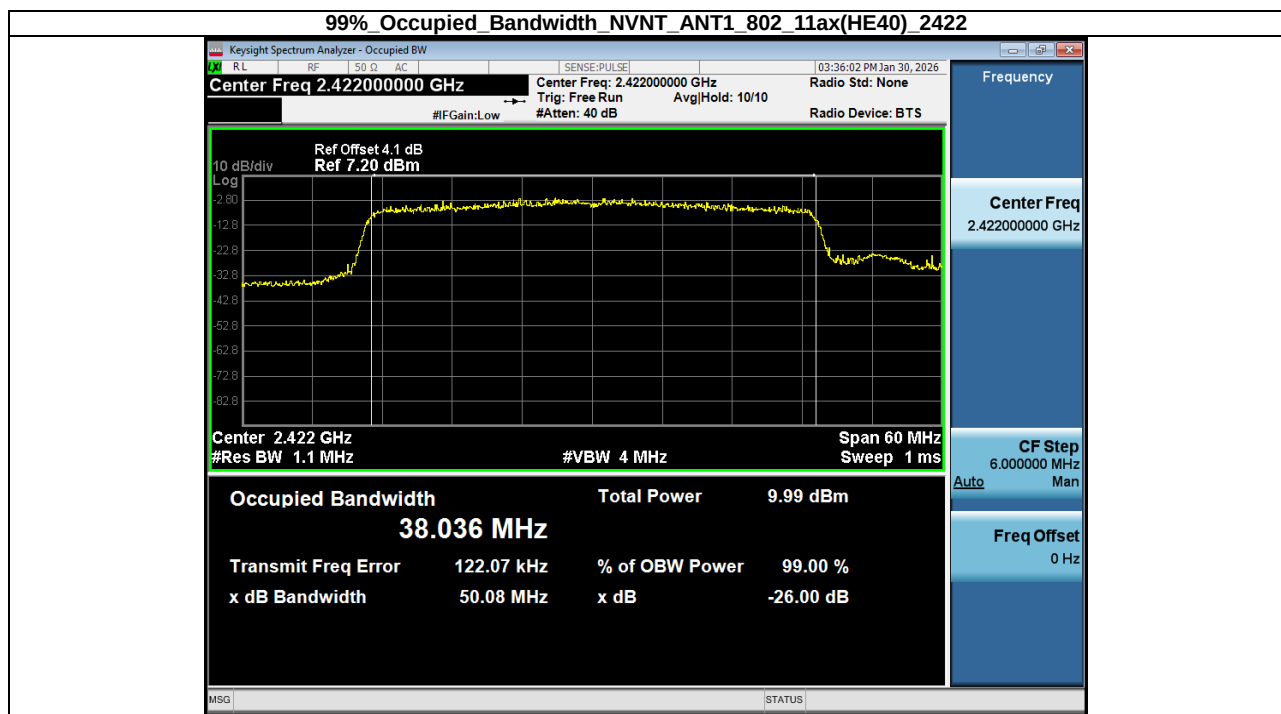
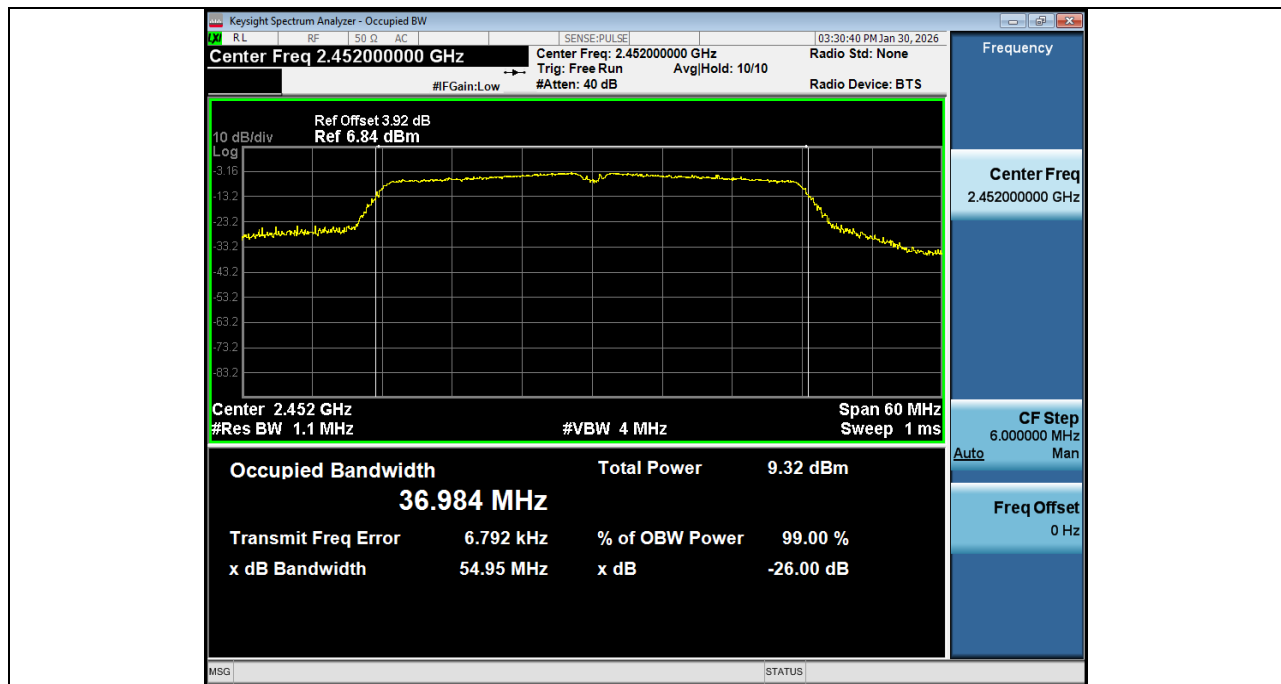
99% Occupied Bandwidth NVNT_ANT1_802_11ax(HE20)_2437



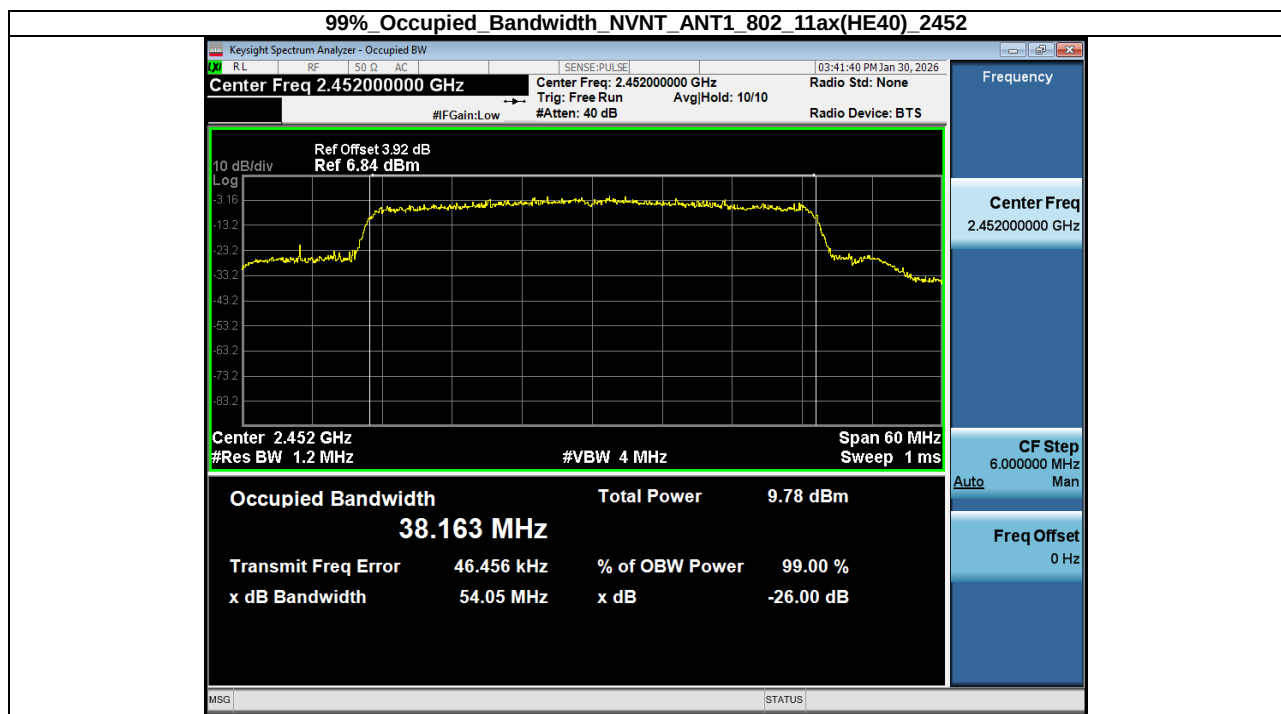
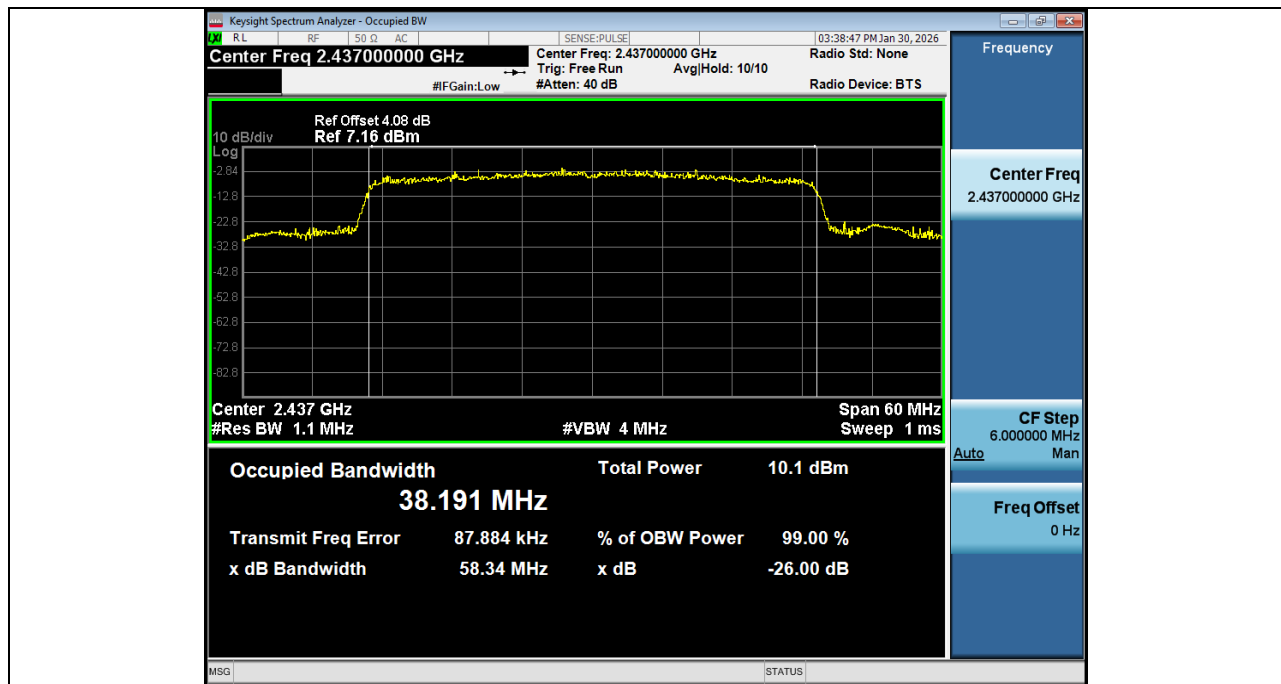
99% Occupied Bandwidth NVNT_ANT1_802_11n(HT40)_2422



99% Occupied Bandwidth NVNT_ANT1_802_11n(HT40)_2452



99% Occupied Bandwidth NVNT_ANT1_802_11ax(HE40)_2437



9. Band Edge Test

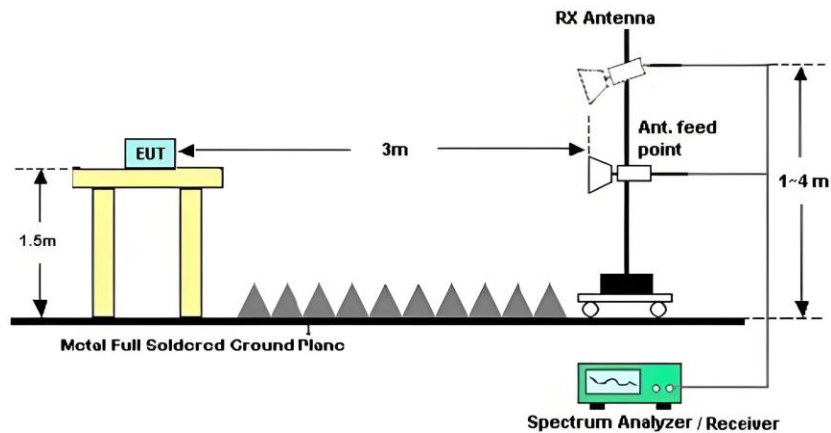
9.1. Test Limit

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 : 2025.12.3					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	60.17	-20.45	39.72	74.00	-34.28	Peak
2	2390	H	--	-20.45	39.72	54.00	-14.28	Avg
3	2400	H	60.29	-20.41	39.88	74.00	-34.12	Peak
4	2400	H	--	-20.41	39.88	54.00	-14.12	Avg
1	2390	V	59.15	-20.45	38.70	74.00	-35.30	Peak
2	2390	V	--	-20.45	38.70	54.00	-15.30	Avg
3	2400	V	64.88	-20.41	44.47	74.00	-29.53	Peak
4	2400	V	--	-20.41	44.47	54.00	-9.53	Avg
Frequency Range : 2450MHz~2550MHz								
Test Mode : IEEE 802.11b TX 2462MHz								
1	2483.5	H	62.49	-20.15	42.34	74.00	-31.66	Peak
2	2483.5	H	--	-20.15	42.34	54.00	-11.66	Avg
1	2483.5	V	64.98	-20.15	44.83	74.00	-29.17	Peak
2	2483.5	V	--	-20.15	44.83	54.00	-9.17	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	59.92	-20.45	39.47	74.00	-34.53	Peak
2	2390	H	--	-20.45	39.47	54.00	-14.53	Avg
3	2400	H	63.13	-20.41	42.72	74.00	-31.28	Peak
4	2400	H	--	-20.41	42.72	54.00	-11.28	Avg
1	2390	V	58.99	-20.45	38.54	74.00	-35.46	Peak
2	2390	V	--	-20.45	38.54	54.00	-15.46	Avg
3	2400	V	64.82	-20.41	44.41	74.00	-29.59	Peak
4	2400	V	--	-20.41	44.41	54.00	-9.59	Avg
Frequency Range : 2450MHz~2550MHz								
Test Mode : IEEE 802.11g TX 2462MHz								
1	2483.5	H	61.45	-20.15	41.30	74.00	-32.70	Peak
2	2483.5	H	--	-20.15	41.30	54.00	-12.70	Avg
1	2483.5	V	65.18	-20.15	45.03	74.00	-28.97	Peak
2	2483.5	V	--	-20.15	45.03	54.00	-8.97	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	57.04	-20.45	36.59	74.00	-37.41	Peak
2	2390	H	--	-20.45	36.59	54.00	-17.41	Avg
3	2400	H	60.13	-20.41	39.72	74.00	-34.28	Peak
4	2400	H	--	-20.41	39.72	54.00	-14.28	Avg
1	2390	V	60.81	-20.45	40.36	74.00	-33.64	Peak
2	2390	V	--	-20.45	40.36	54.00	-13.64	Avg
3	2400	V	63.72	-20.41	43.31	74.00	-30.69	Peak
4	2400	V	--	-20.41	43.31	54.00	-10.69	Avg
Frequency Range : 2450MHz~2550MHz								
Test Mode : IEEE 802.11n/HT20 TX 2462MHz								
1	2483.5	H	62.37	-20.15	42.22	74.00	-31.78	Peak
2	2483.5	H	--	-20.15	42.22	54.00	-11.78	Avg
1	2483.5	V	64.74	-20.15	44.59	74.00	-29.41	Peak
2	2483.5	V	--	-20.15	44.59	54.00	-9.41	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 802.11ax20 TX 2412MHz								
No.	Freq MHz	Polarity	Reading (dBuV/m)	Correct Factor	Result (dBuV/m)	Limit (dBuV/m)	Margin	Remark
1	2390	H	60.29	-20.45	39.84	74.00	-34.16	Peak
2	2390	H	--	-20.45	39.84	54.00	-14.16	Avg
3	2400	H	61.48	-20.41	41.07	74.00	-32.93	Peak
4	2400	H	--	-20.41	41.07	54.00	-12.93	Avg
1	2390	V	60.81	-20.45	40.36	74.00	-33.64	Peak
2	2390	V	--	-20.45	40.36	54.00	-13.64	Avg
3	2400	V	62.09	-20.41	41.68	74.00	-32.32	Peak
4	2400	V	--	-20.41	41.68	54.00	-12.32	Avg
Frequency Range : 2450MHz~2550MHz								
Test Mode : IEEE 802.11ax20 TX 2462MHz								
1	2483.5	H	60.31	-20.15	40.16	74.00	-33.84	Peak
2	2483.5	H	--	-20.15	40.16	54.00	-13.84	Avg
1	2483.5	V	65.00	-20.15	44.85	74.00	-29.15	Peak
2	2483.5	V	--	-20.15	44.85	54.00	-9.15	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	58.44	-20.45	37.99	74.00	-36.01	Peak
2	2390	H	--	-20.45	37.99	54.00	-16.01	Avg
3	2400	H	61.57	-20.41	41.16	74.00	-32.84	Peak
4	2400	H	--	-20.41	41.16	54.00	-12.84	Avg
1	2390	V	60.49	-20.45	40.04	74.00	-33.96	Peak
2	2390	V	--	-20.45	40.04	54.00	-13.96	Avg
3	2400	V	62.09	-20.41	41.68	74.00	-32.32	Peak
4	2400	V	--	-20.41	41.68	54.00	-12.32	Avg
Frequency Range : 2450MHz~2550MHz								
Test Mode : IEEE 802.11n/HT40 TX 2452MHz								
1	2483.5	H	60.01	-20.15	39.86	74.00	-34.14	Peak
2	2483.5	H	--	-20.15	39.86	54.00	-14.14	Avg
1	2483.5	V	64.58	-20.15	44.43	74.00	-29.57	Peak
2	2483.5	V	--	-20.15	44.43	54.00	-9.57	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 802.11ax40 TX 2422MHz								
No.	Freq MHz	Polarity	Reading (dBuV/m)	Correct Factor	Result (dBuV/m)	Limit (dBuV/m)	Margin	Remark
1	2390	H	58.42	-20.45	37.97	74.00	-36.03	Peak
2	2390	H	--	-20.45	37.97	54.00	-16.03	Avg
3	2400	H	60.44	-20.41	40.03	74.00	-33.97	Peak
4	2400	H	--	-20.41	40.03	54.00	-13.97	Avg
1	2390	V	60.80	-20.45	40.35	74.00	-33.65	Peak
2	2390	V	--	-20.45	40.35	54.00	-13.65	Avg
3	2400	V	63.62	-20.41	43.21	74.00	-30.79	Peak
4	2400	V	--	-20.41	43.21	54.00	-10.79	Avg
Frequency Range : 2450MHz~2550MHz								
Test Mode : IEEE 802.11ax40 TX 2452MHz								
1	2483.5	H	61.70	-20.15	41.55	74.00	-32.45	Peak
2	2483.5	H	--	-20.15	41.55	54.00	-12.45	Avg
1	2483.5	V	64.12	-20.15	43.97	74.00	-30.03	Peak
2	2483.5	V	--	-20.15	43.97	54.00	-10.03	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 **psi2511129-C01-R01 Appendix I Test Setup Photo** for details.

12. Photos of EUT

Reference to the **psi2511129-C01-R01 appendix II external photos** and **psi2511129-C01-R01 appendix III internal photos** for details.

----- END OF REPORT-----