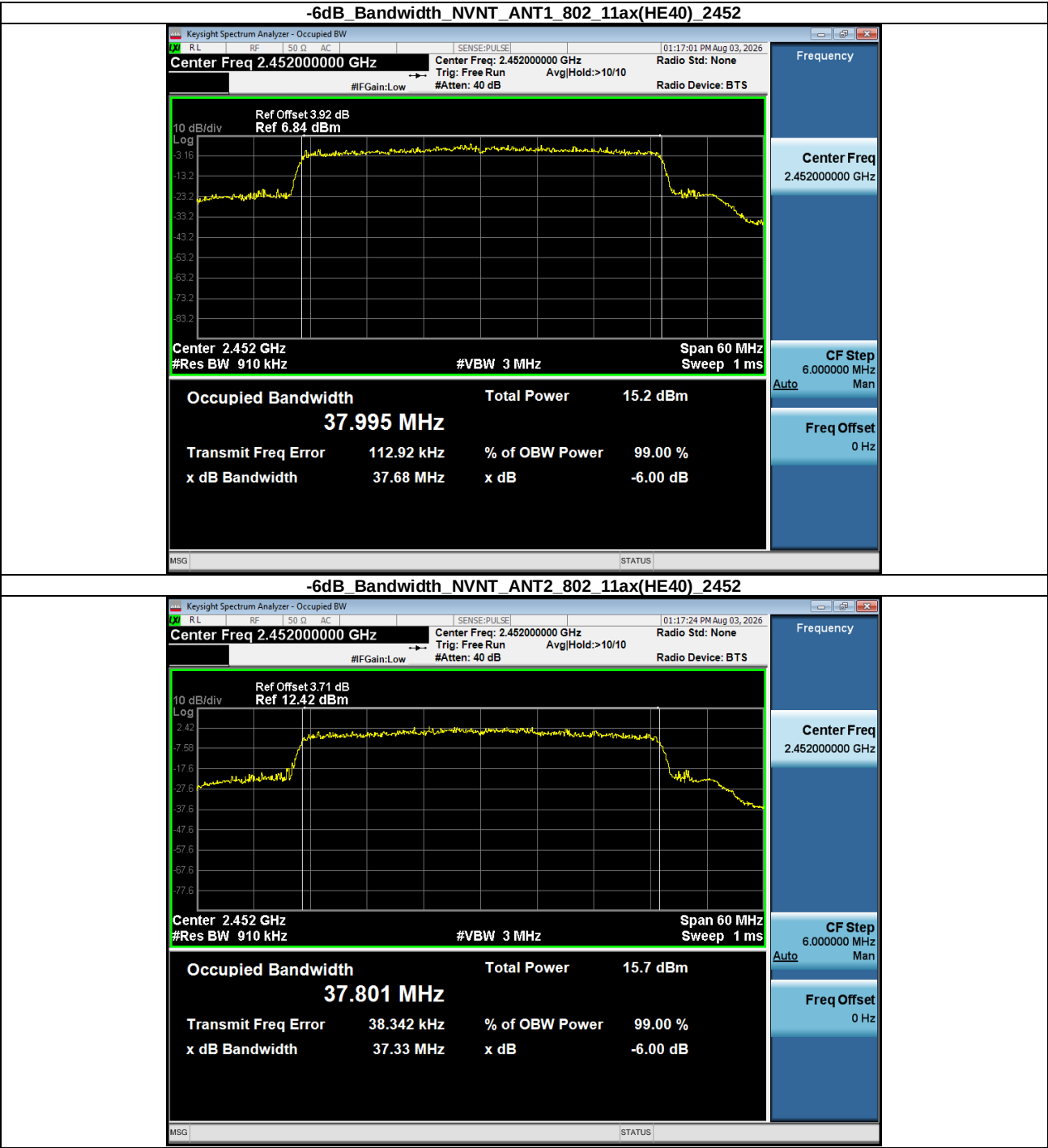
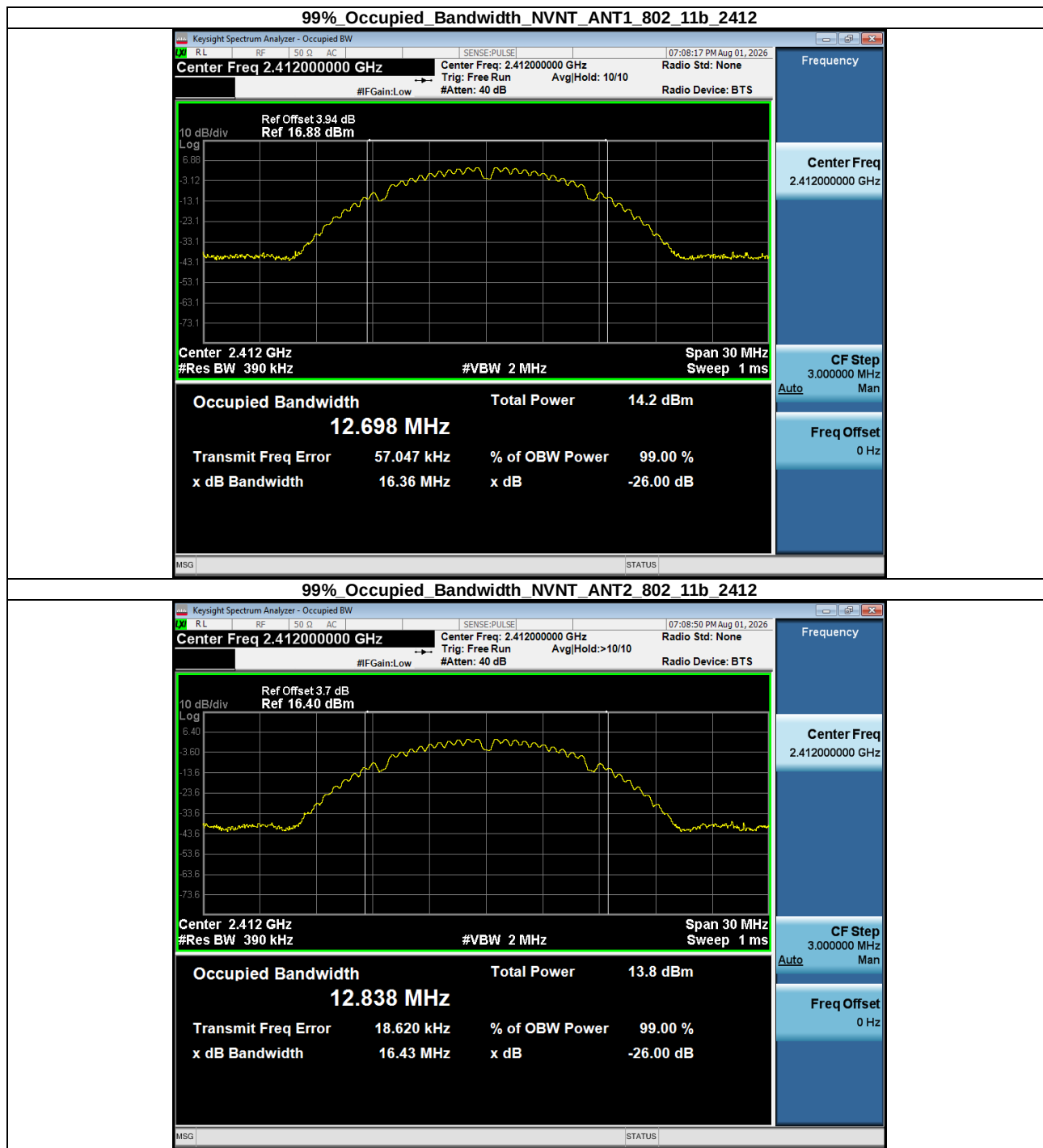
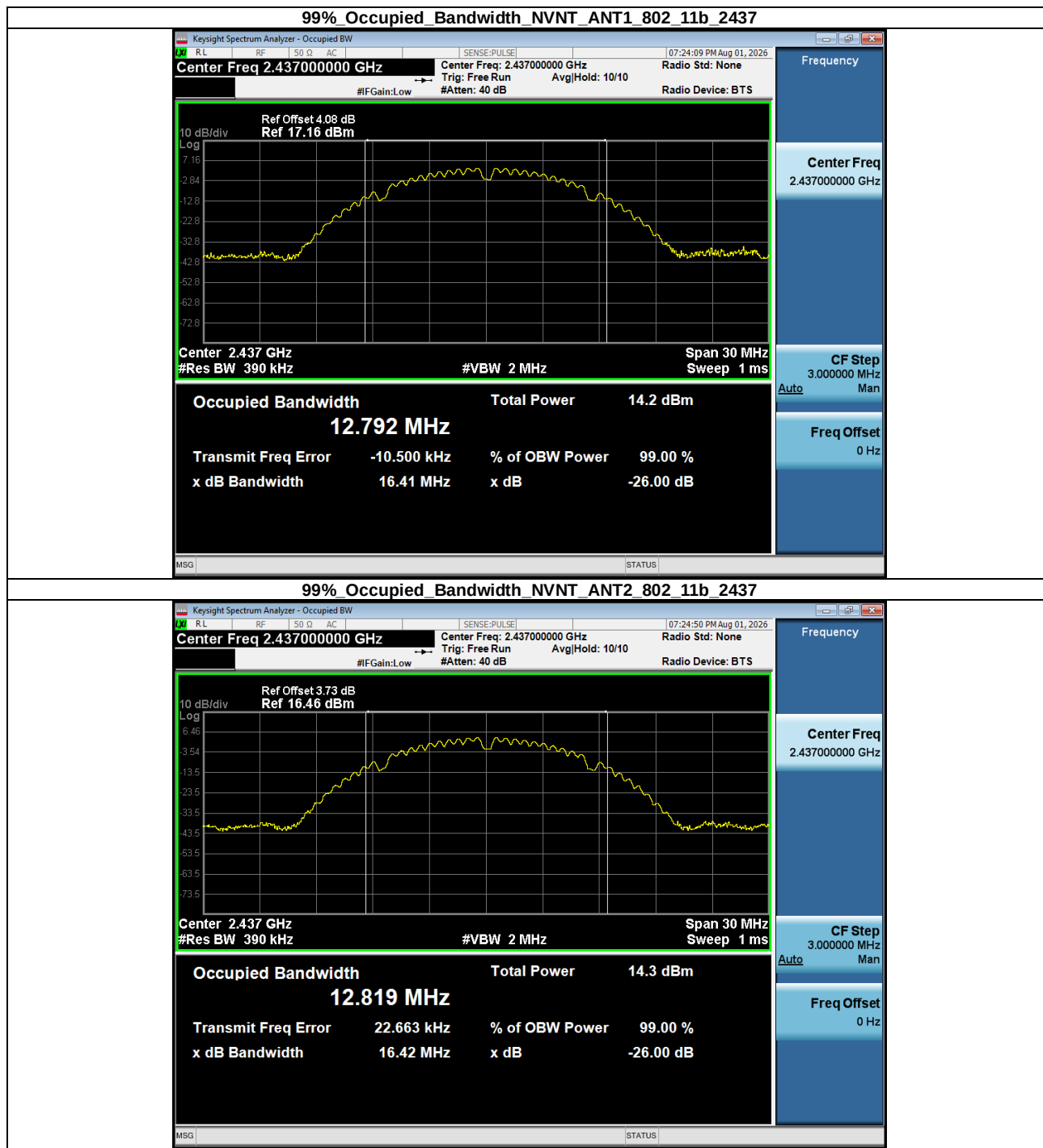
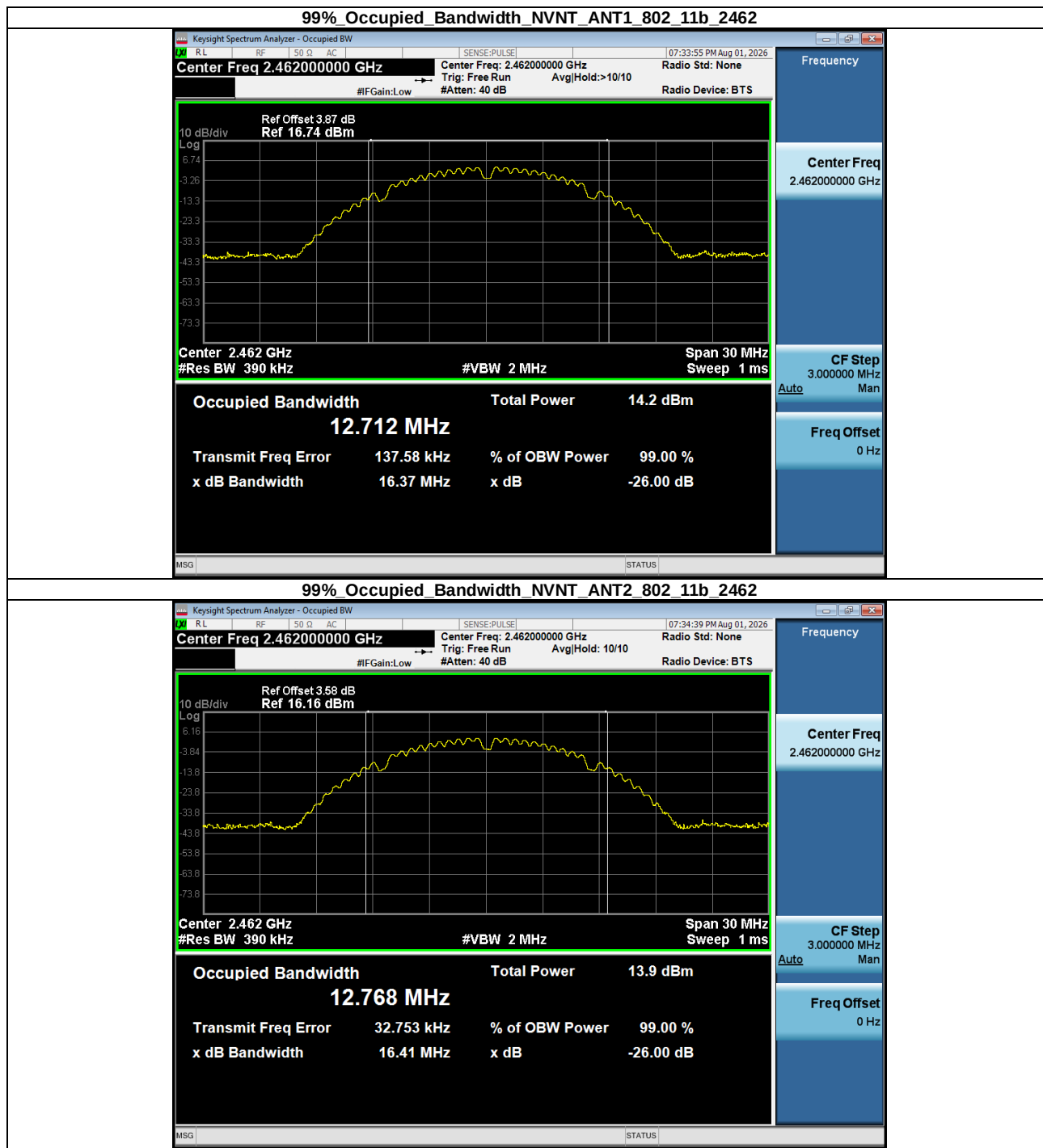


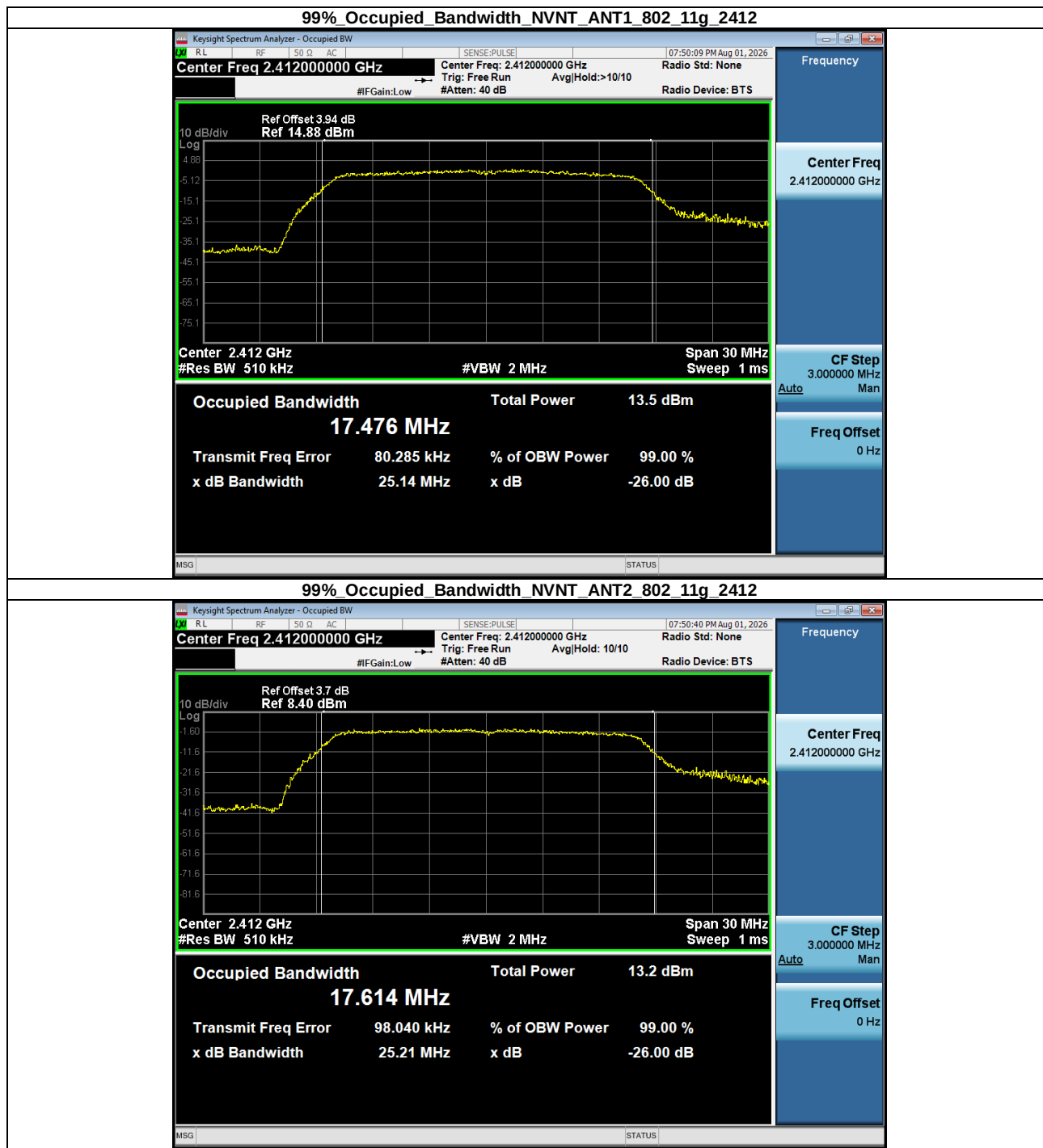


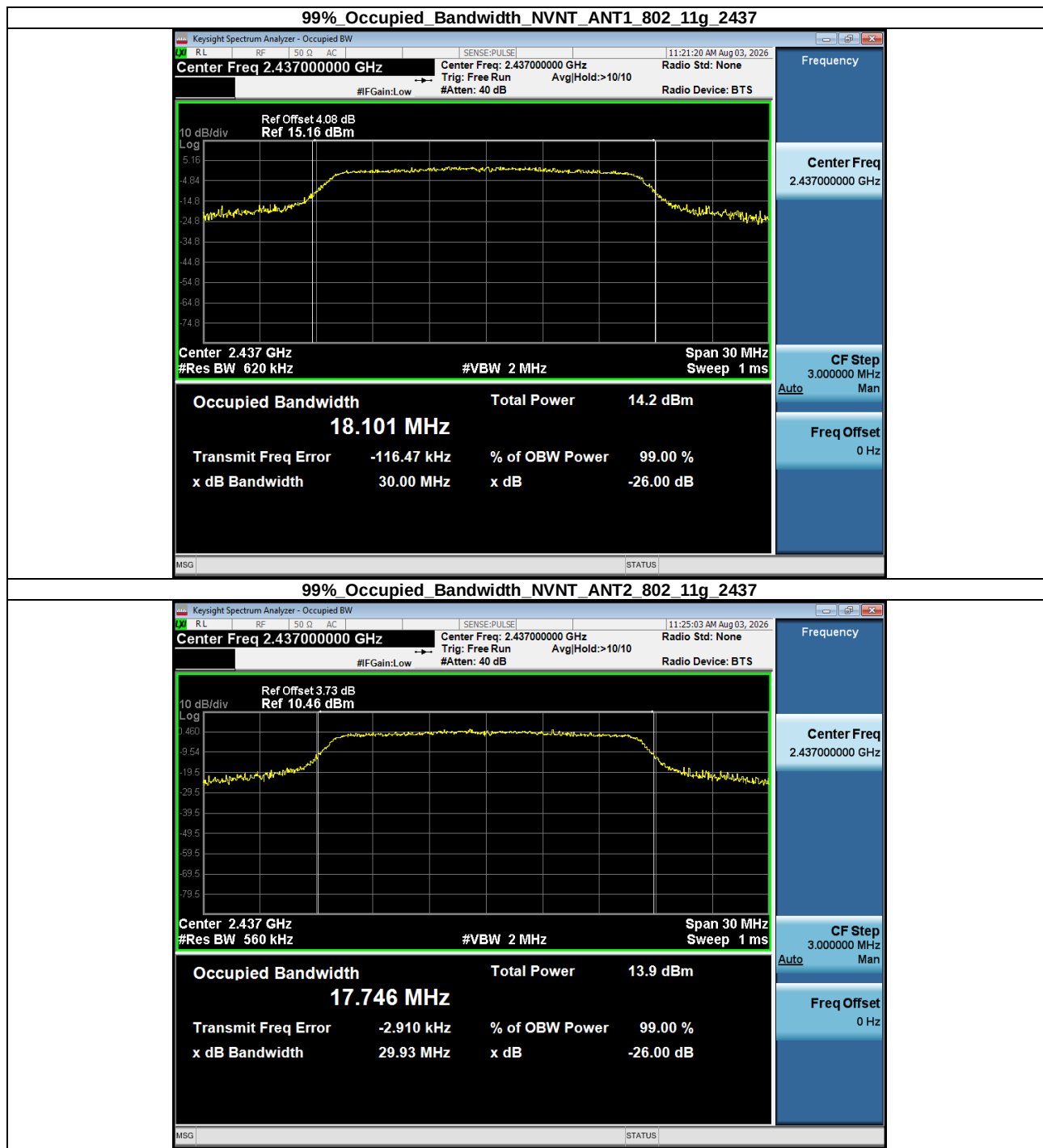
Condition	Antenna	Modulation	Frequency (MHz)	99%BW(MHz)
NVNT	ANT1	802.11b	2412.00	12.698
NVNT	ANT2	802.11b	2412.00	12.838
NVNT	ANT1	802.11b	2437.00	12.792
NVNT	ANT2	802.11b	2437.00	12.819
NVNT	ANT1	802.11b	2462.00	12.712
NVNT	ANT2	802.11b	2462.00	12.768
NVNT	ANT1	802.11g	2412.00	17.476
NVNT	ANT2	802.11g	2412.00	17.614
NVNT	ANT1	802.11g	2437.00	18.101
NVNT	ANT2	802.11g	2437.00	17.746
NVNT	ANT1	802.11g	2462.00	18.018
NVNT	ANT2	802.11g	2462.00	17.910
NVNT	ANT1	802.11n(HT20)	2412.00	18.320
NVNT	ANT2	802.11n(HT20)	2412.00	18.061
NVNT	ANT1	802.11n(HT20)	2437.00	18.984
NVNT	ANT2	802.11n(HT20)	2437.00	18.580
NVNT	ANT1	802.11n(HT20)	2462.00	18.860
NVNT	ANT2	802.11n(HT20)	2462.00	18.476
NVNT	ANT1	802.11ax(HE20)	2412.00	18.883
NVNT	ANT2	802.11ax(HE20)	2412.00	18.913
NVNT	ANT1	802.11ax(HE20)	2437.00	19.161
NVNT	ANT2	802.11ax(HE20)	2437.00	19.114
NVNT	ANT1	802.11ax(HE20)	2462.00	18.749
NVNT	ANT2	802.11ax(HE20)	2462.00	18.483
NVNT	ANT1	802.11n(HT40)	2422.00	36.554
NVNT	ANT2	802.11n(HT40)	2422.00	36.844
NVNT	ANT1	802.11n(HT40)	2437.00	37.357
NVNT	ANT2	802.11n(HT40)	2437.00	36.810
NVNT	ANT1	802.11n(HT40)	2452.00	37.202
NVNT	ANT2	802.11n(HT40)	2452.00	36.851
NVNT	ANT1	802.11ax(HE40)	2422.00	37.750
NVNT	ANT2	802.11ax(HE40)	2422.00	37.870
NVNT	ANT1	802.11ax(HE40)	2437.00	38.419
NVNT	ANT2	802.11ax(HE40)	2437.00	37.984
NVNT	ANT1	802.11ax(HE40)	2452.00	38.150
NVNT	ANT2	802.11ax(HE40)	2452.00	37.879

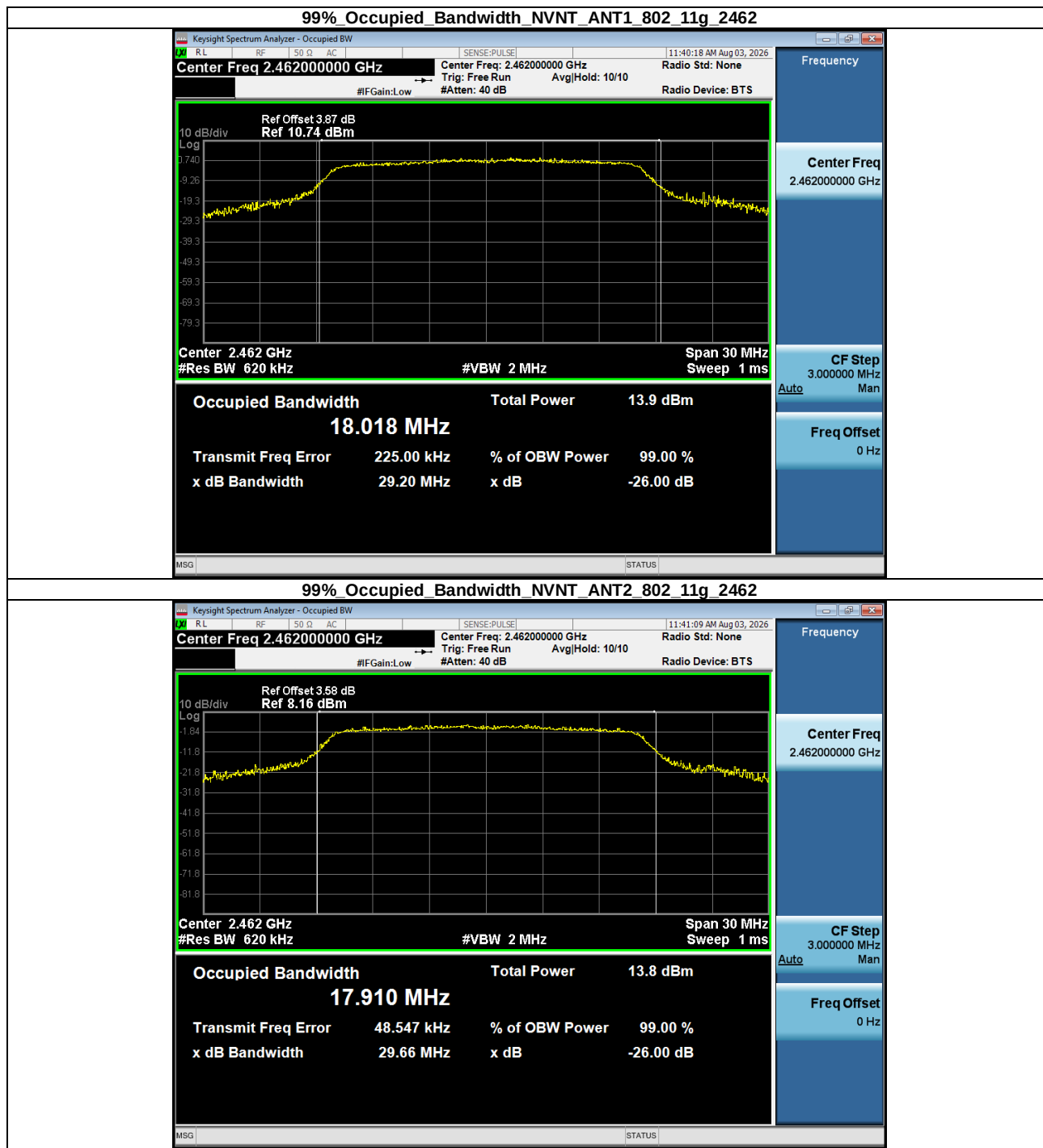




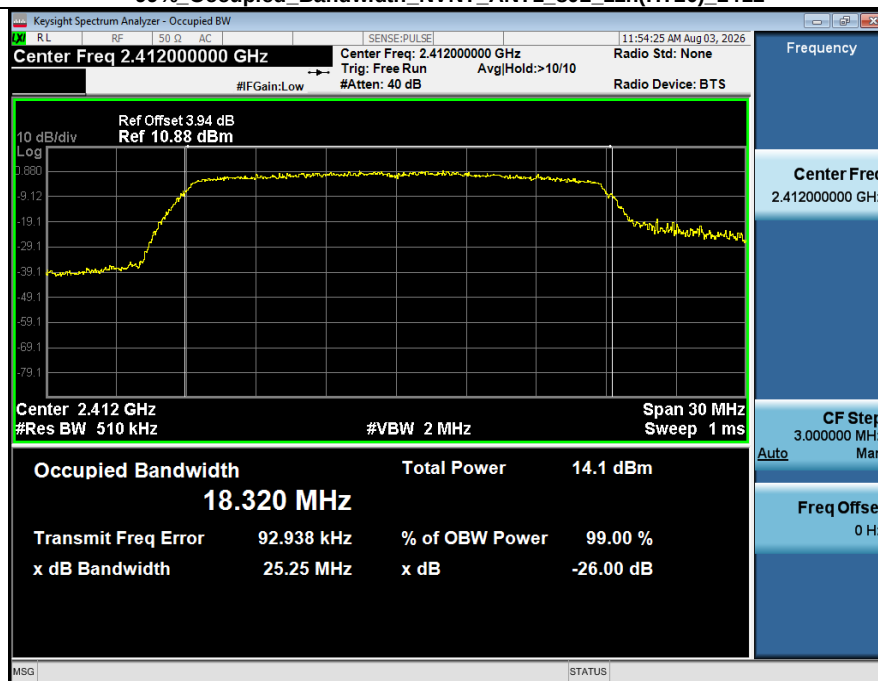




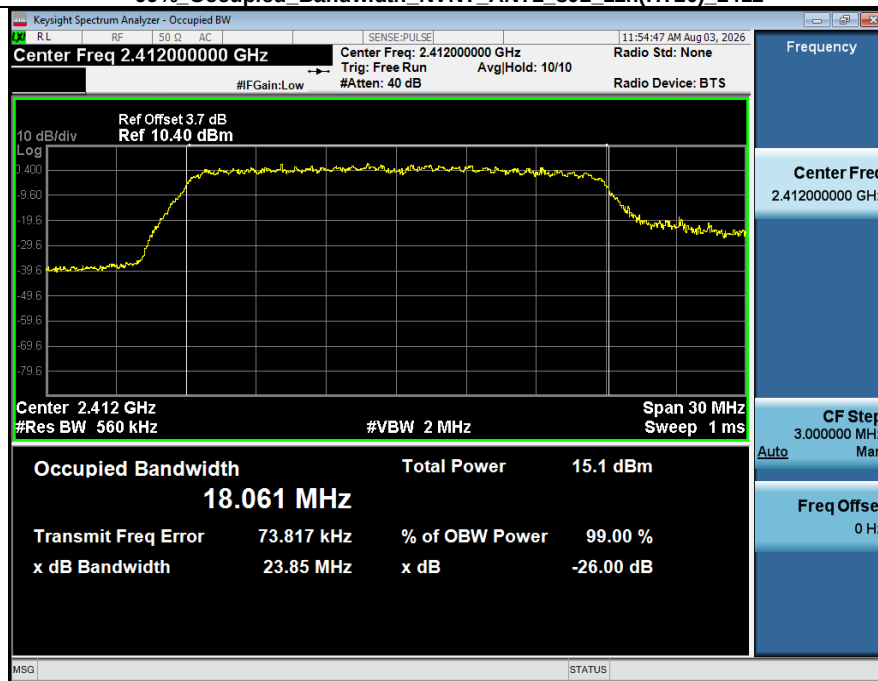




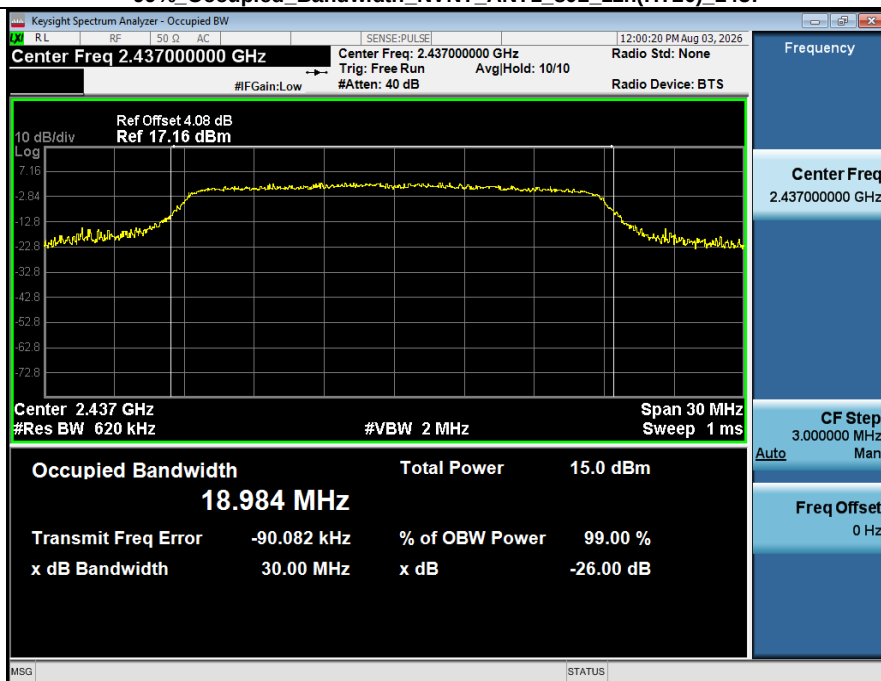
99% Occupied Bandwidth NVNT_ANT1_802_11n(HT20)_2412



99% Occupied Bandwidth NVNT_ANT2_802_11n(HT20)_2412



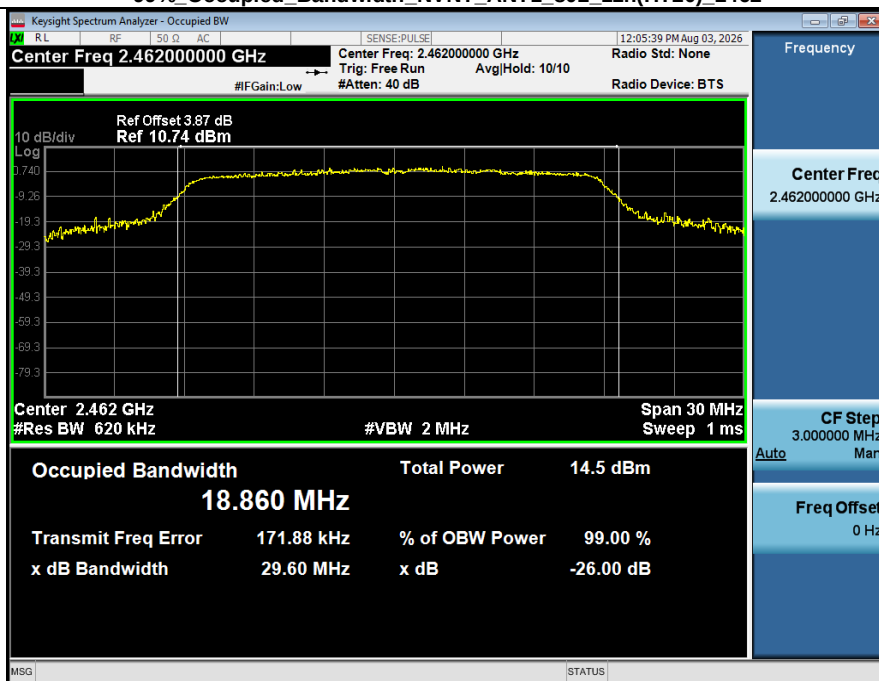
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99% Occupied Bandwidth NVNT_ANT2_802_11n(HT20)_2437



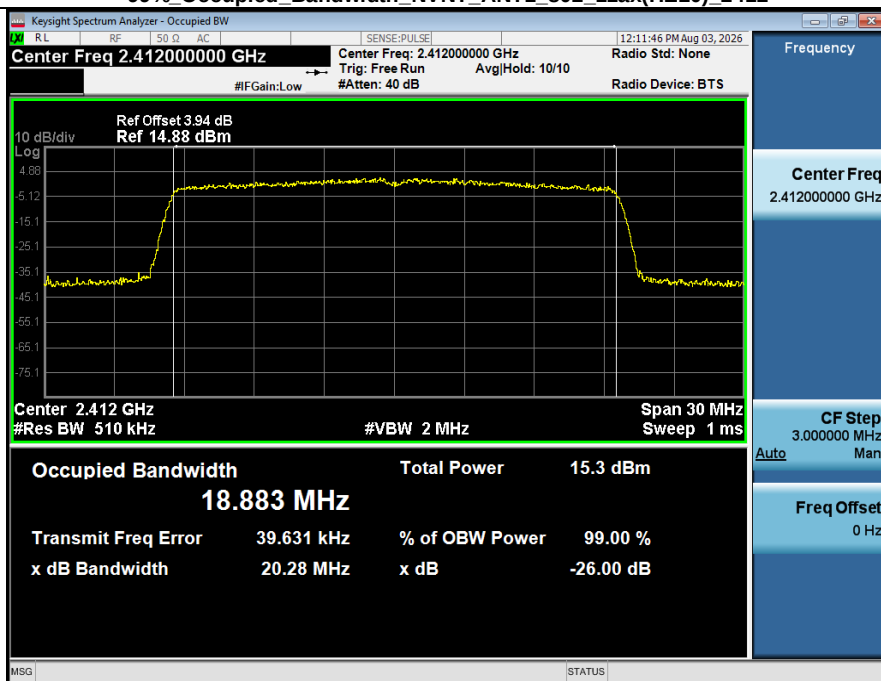
99% Occupied Bandwidth NVNT_ANT1_802_11n(HT20)_2462



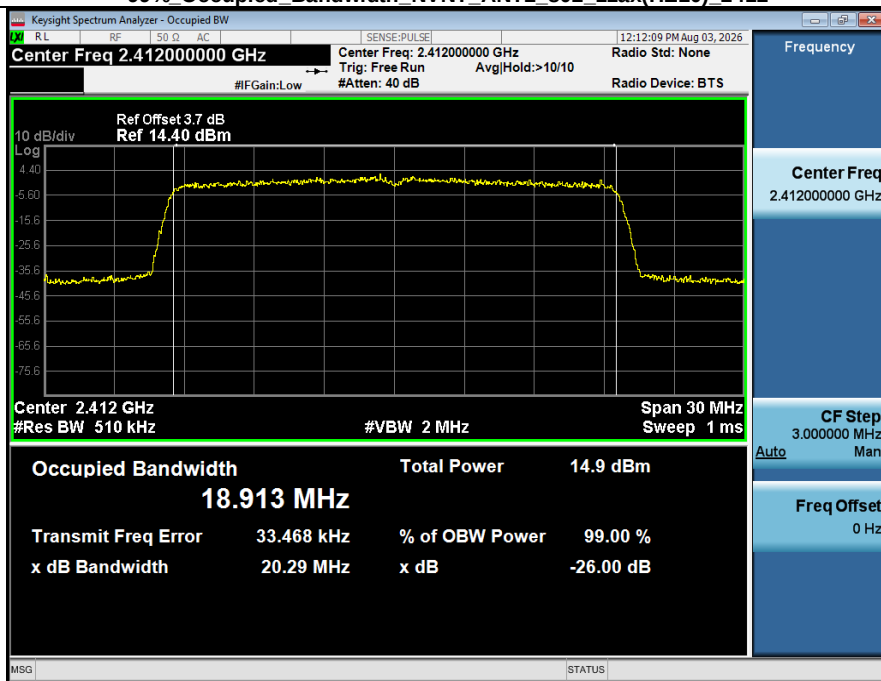
99% Occupied Bandwidth NVNT_ANT2_802_11n(HT20)_2462



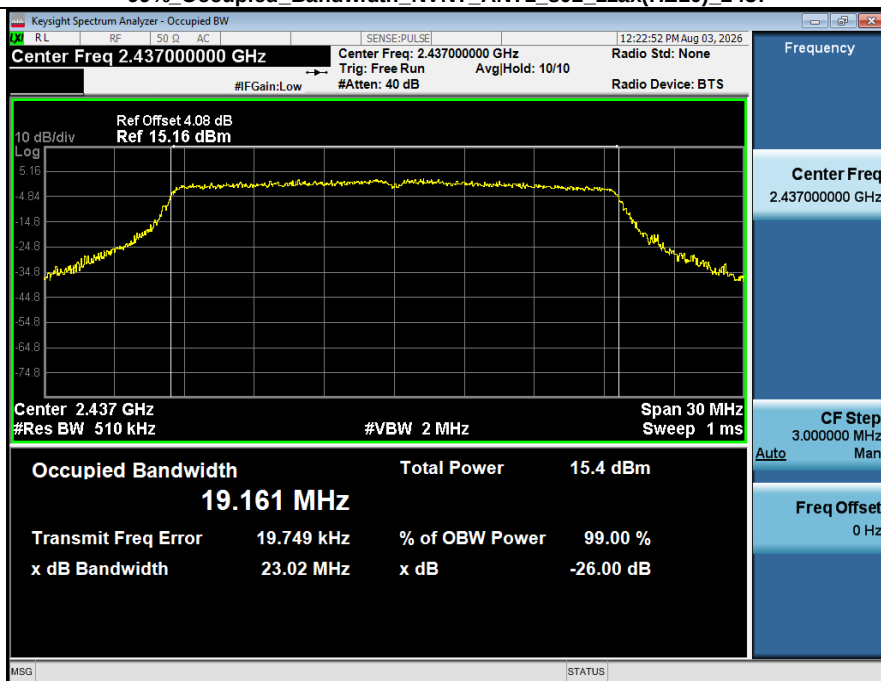
99% Occupied Bandwidth NVNT_ANT1_802_11ax(HE20)_2412



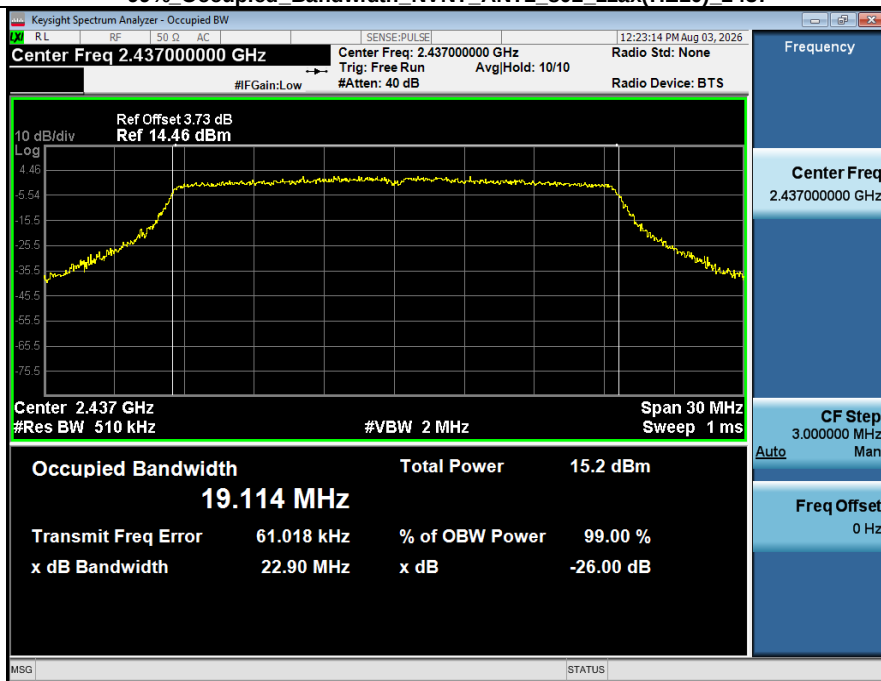
99% Occupied Bandwidth NVNT_ANT2_802_11ax(HE20)_2412

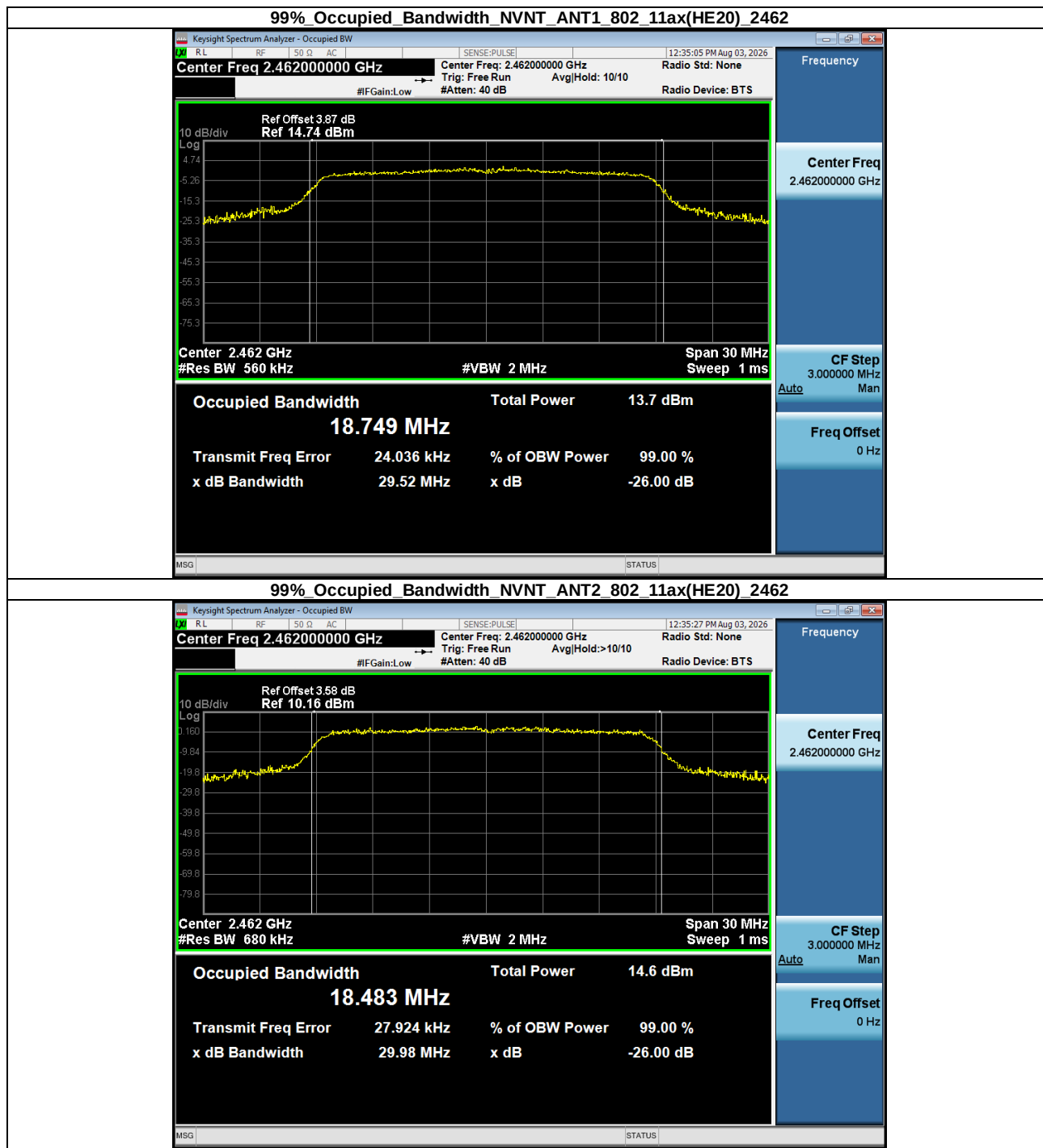


99% Occupied Bandwidth NVNT_ANT1_802_11ax(HE20)_2437

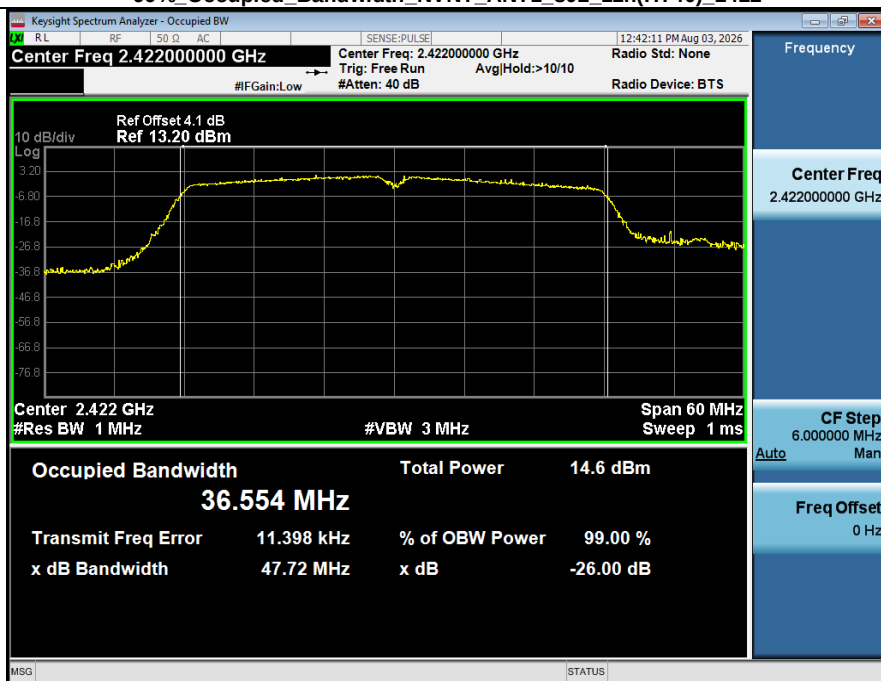


99% Occupied Bandwidth NVNT_ANT2_802_11ax(HE20)_2437





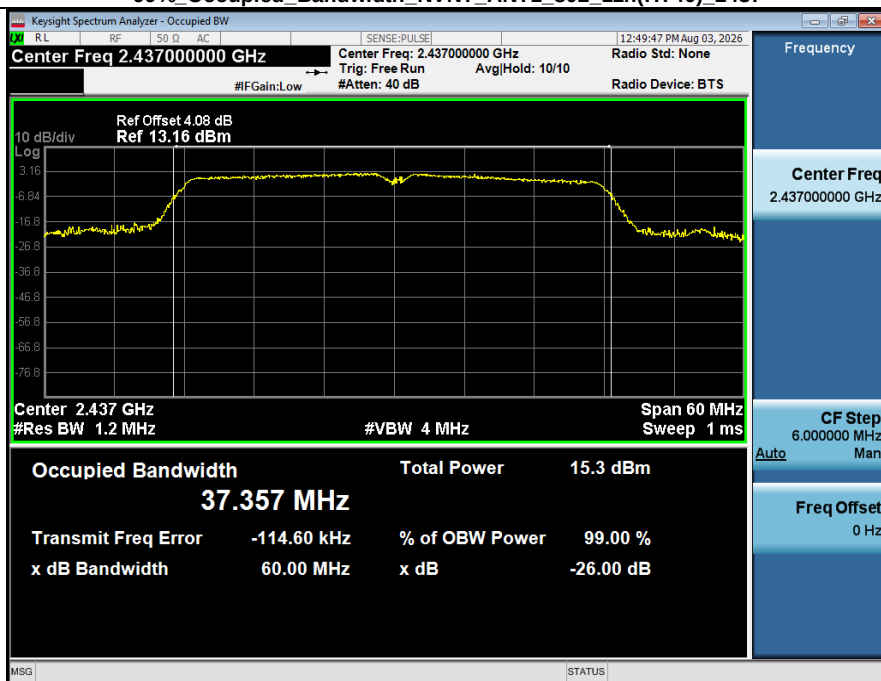
99% Occupied Bandwidth NVNT_ANT1_802_11n(HT40)_2422



99% Occupied Bandwidth NVNT_ANT2_802_11n(HT40)_2422



99% Occupied Bandwidth NVNT_ANT1_802_11n(HT40)_2437



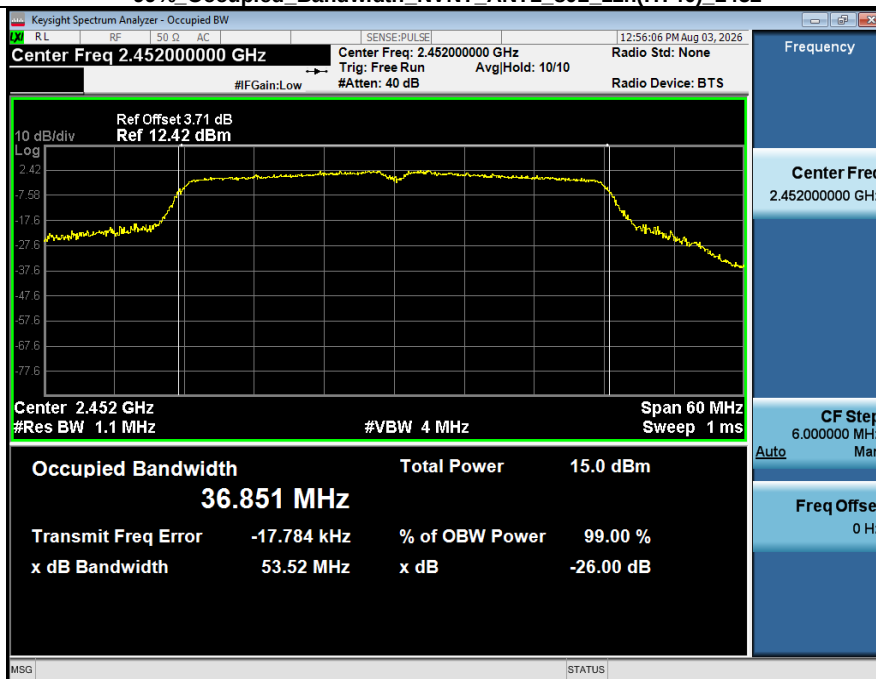
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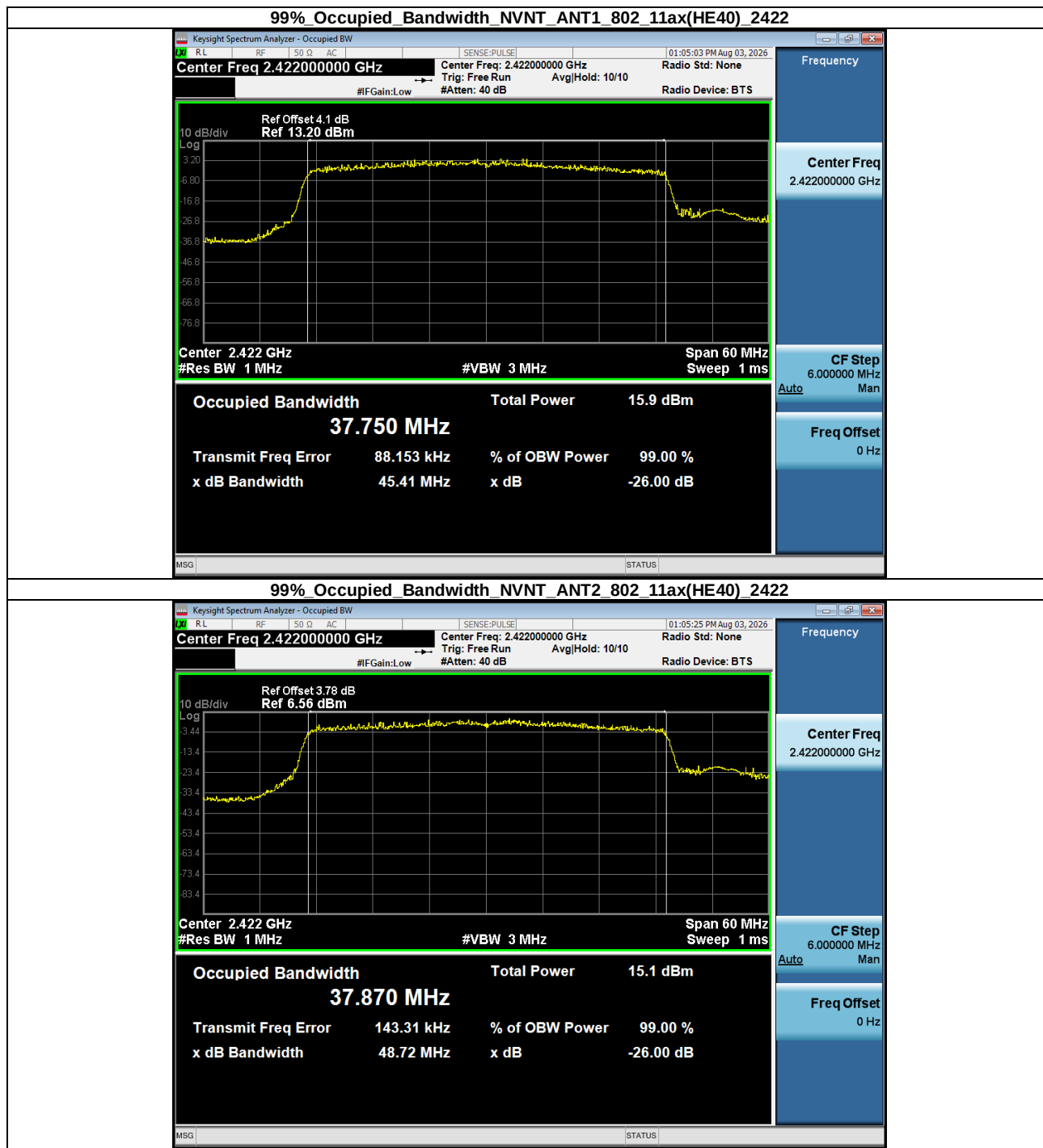


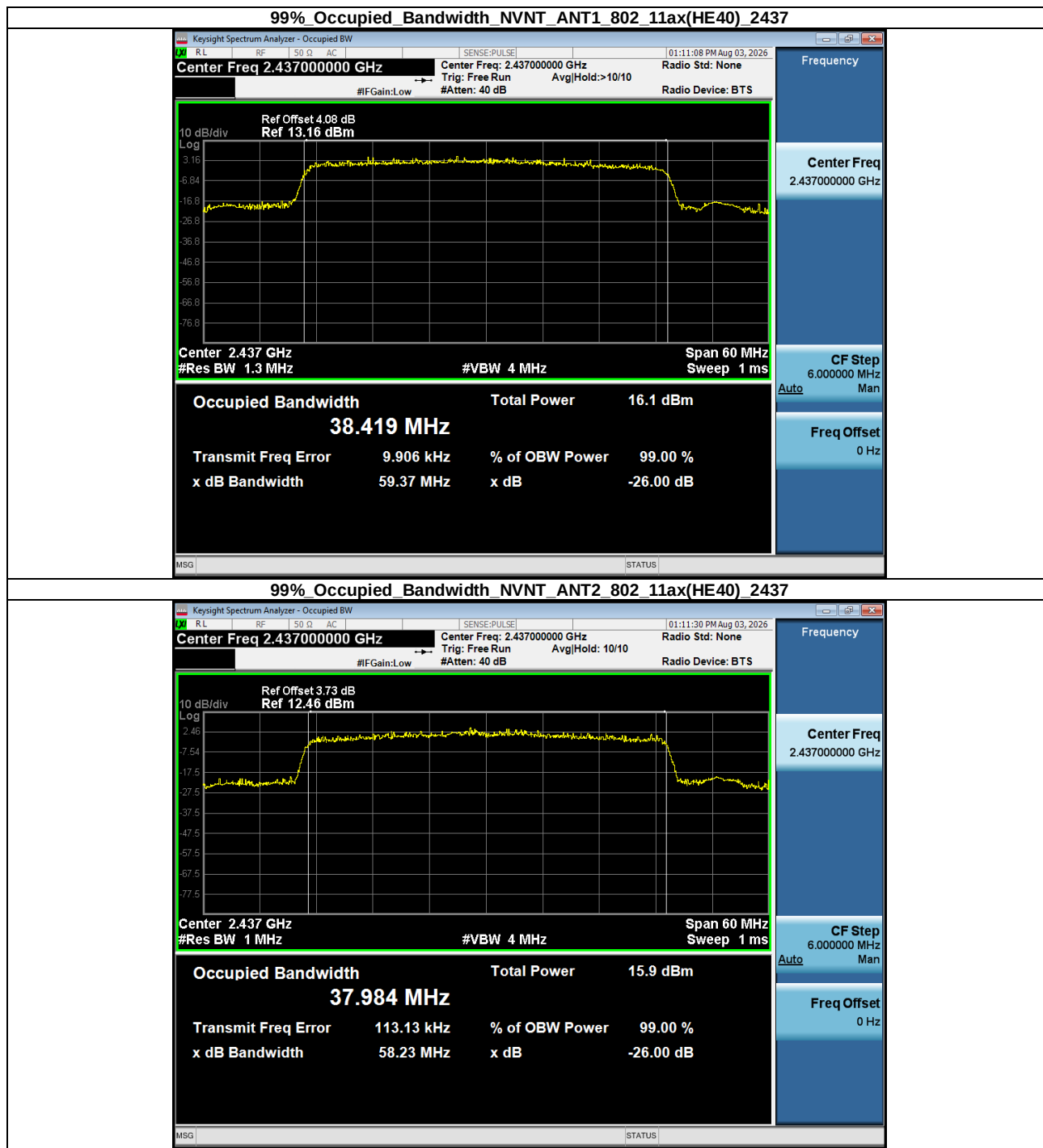
99% Occupied Bandwidth NVNT_ANT1_802_11n(HT40)_2452



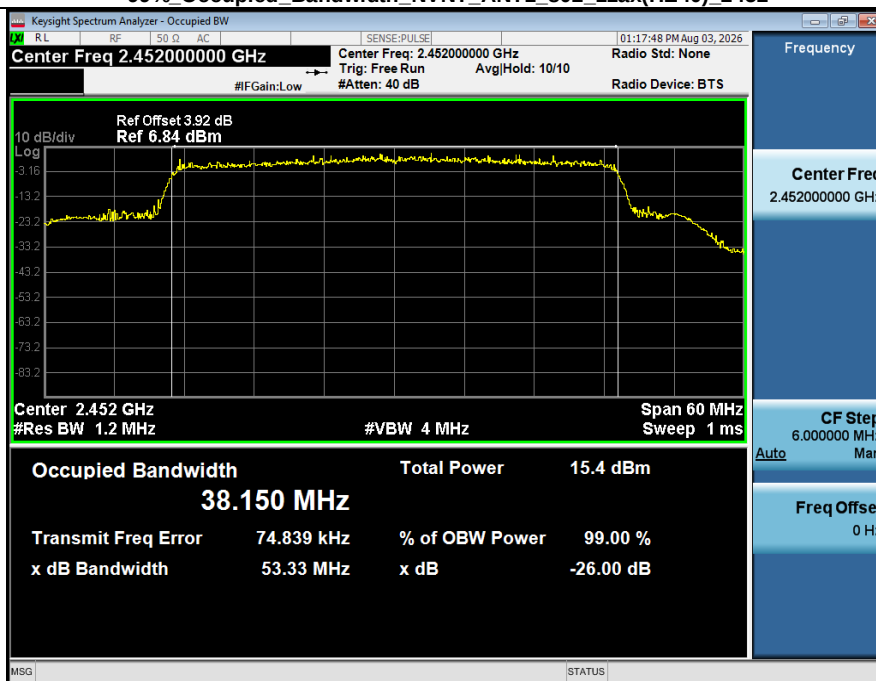
99% Occupied Bandwidth NVNT_ANT2_802_11n(HT40)_2452



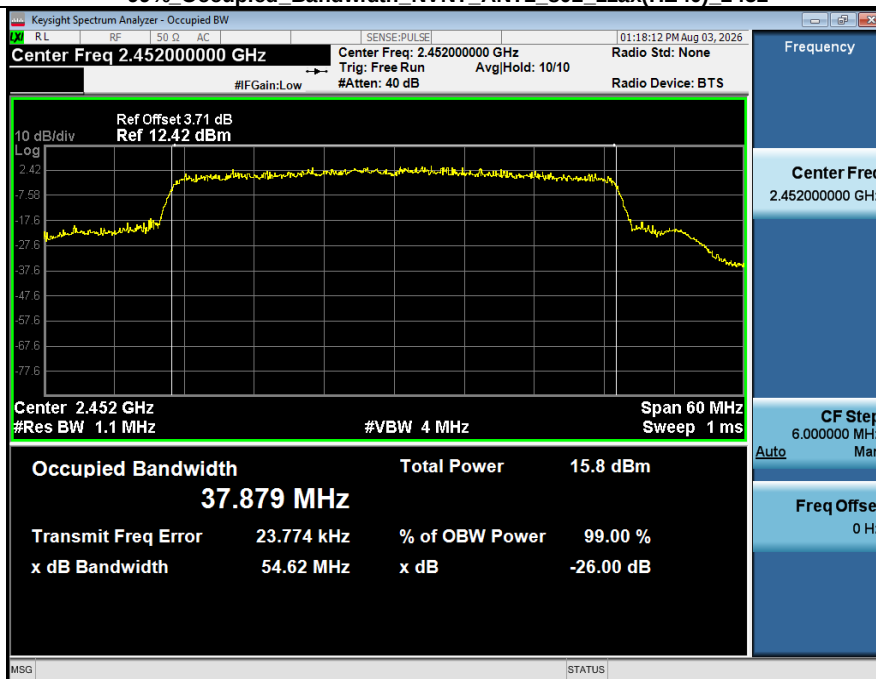




99% Occupied Bandwidth NVNT_ANT1_802_11ax(HE40)_2452



99% Occupied Bandwidth NVNT_ANT2_802_11ax(HE40)_2452



9. Band Edge Test

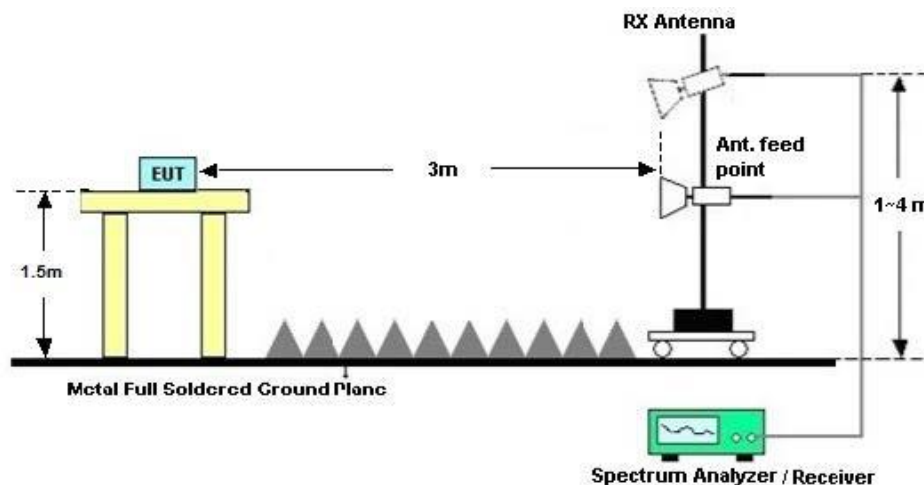
9.1. Test Limit

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+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024 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 3MHz, RMS detector for AV value.

9.4. Test Results

Test Date : 2026.07.10					Temperature : 26℃			
Test Engineer : Felix Pang					Humidity : 54%			
Test Results : PASS								
Frequency Range : 2310MHz~2390MHz								
Test Mode : IEEE 802.11b TX 2412MHz ANT1								
No.	Freq MHz	Polarity	Reading (dBuV/m)	Correct Factor	Result (dBuV/m)	Limit (dBuV/m)	Margin	Remark
1	2390	H	37.39	74.00	-36.61	37.39	74.00	Peak
2	2390	H	--	54.00	-26.95	27.05	54.00	Avg
1	2390	V	60.32	-20.45	39.87	74.00	-34.13	Peak
2	2390	V	--	-20.45	30.14	54.00	-23.86	Avg
Frequency Range : 2483.5MHz~2550MHz								
Test Mode : IEEE 802.11b TX 2462MHz ANT1								
1	2483.5	H	61.44	-20.15	41.29	74.00	-32.71	Peak
2	2483.5	H	52.38	-20.15	32.23	54.00	-21.77	Avg
1	2483.5	V	64.32	-20.15	44.17	74.00	-29.83	Peak
2	2483.5	V	56.77	-20.15	36.62	54.00	-17.38	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~2390MHz								
Test Mode : IEEE 802.11g TX 2412MHz ANT1								
No.	Freq MHz	Polarity	Reading (dBuV/m)	Correct Factor	Result (dBuV/m)	Limit (dBuV/m)	Margin	Remark
1	2390	H	60.08	-20.45	39.63	74.00	-34.37	Peak
2	2390	H	50.33	-20.45	29.88	54.00	-24.12	Avg
1	2390	V	58.28	-20.45	37.83	74.00	-36.17	Peak
2	2390	V	48.04	-20.45	27.59	54.00	-26.41	Avg
Frequency Range : 2483.5MHz~2550MHz								
Test Mode : IEEE 802.11g TX 2462MHz ANT1								
1	2483.5	H	60.36	-20.15	40.21	74.00	-33.79	Peak
2	2483.5	H	52.60	-20.15	32.45	54.00	-21.55	Avg
1	2483.5	V	63.88	-20.15	43.73	74.00	-30.27	Peak
2	2483.5	V	54.08	-20.15	33.93	54.00	-20.07	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~2390MHz								
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	58.50	-20.45	38.05	74.00	-35.95	Peak
2	2390	H	49.74	-20.45	29.29	54.00	-24.71	Avg
1	2390	V	61.40	-20.45	40.95	74.00	-33.05	Peak
2	2390	V	48.06	-20.45	27.61	54.00	-26.39	Avg
Frequency Range : 2483.5MHz~2550MHz								
Test Mode : IEEE 802.11n/HT20 TX 2462MHz								
1	2483.5	H	61.88	-20.15	41.73	74.00	-32.27	Peak
2	2483.5	H	50.93	-20.15	30.78	54.00	-23.22	Avg
1	2483.5	V	65.94	-20.15	45.79	74.00	-28.21	Peak
2	2483.5	V	54.75	-20.15	34.60	54.00	-19.40	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~2390MHz								
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	58.13	-20.45	37.68	74.00	-36.32	Peak
2	2390	H	48.63	-20.45	28.18	54.00	-25.82	Avg
1	2390	V	61.24	-20.45	40.79	74.00	-33.21	Peak
2	2390	V	49.92	-20.45	29.47	54.00	-24.53	Avg
Frequency Range : 2483.5MHz~2550MHz								
Test Mode : IEEE 802.11n/HT40 TX 2452MHz								
1	2483.5	H	63.71	-20.15	43.56	74.00	-30.44	Peak
2	2483.5	H	52.61	-20.15	32.46	54.00	-21.54	Avg
1	2483.5	V	64.47	-20.15	44.32	74.00	-29.68	Peak
2	2483.5	V	54.60	-20.15	34.45	54.00	-19.55	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~2390MHz								
Test Mode : IEEE 802.11ax/HE20 TX 2412MHz								
No.	Freq MHz	Polarity	Reading (dBuV/m)	Correct Factor	Result (dBuV/m)	Limit (dBuV/m)	Margin	Remark
1	2390	H	58.34	-20.45	37.89	74.00	-36.11	Peak
2	2390	H	49.95	-20.45	29.50	54.00	-24.50	Avg
1	2390	V	61.72	-20.45	41.27	74.00	-32.73	Peak
2	2390	V	50.12	-20.45	29.67	54.00	-24.33	Avg
Frequency Range : 2483.5MHz~2550MHz								
Test Mode : IEEE 802.11ax/HE 20 TX 2462MHz								
1	2483.5	H	62.49	-20.15	42.34	74.00	-31.66	Peak
2	2483.5	H	53.15	-20.15	33.00	54.00	-21.00	Avg
1	2483.5	V	63.62	-20.15	43.47	74.00	-30.53	Peak
2	2483.5	V	53.99	-20.15	33.84	54.00	-20.16	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~2390MHz								
Test Mode : IEEE 802.11ax/HE40 TX 2422MHz								
No.	Freq MHz	Polarity	Reading (dBuV/m)	Correct Factor	Result (dBuV/m)	Limit (dBuV/m)	Margin	Remark
1	2390	H	57.78	-20.45	37.33	74.00	-36.67	Peak
2	2390	H	48.19	-20.45	27.74	54.00	-26.26	Avg
1	2390	V	58.17	-20.45	37.72	74.00	-36.28	Peak
2	2390	V	50.11	-20.45	29.66	54.00	-24.34	Avg
Frequency Range : 2483.5MHz~2550MHz								
Test Mode : IEEE 802.11ax/HE40 TX 2452MHz								
1	2483.5	H	60.83	-20.15	40.68	74.00	-33.32	Peak
2	2483.5	H	53.73	-20.15	33.58	54.00	-20.42	Avg
1	2483.5	V	63.63	-20.15	43.48	74.00	-30.52	Peak
2	2483.5	V	56.97	-20.15	36.82	54.00	-17.18	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. Results

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

11. Photos of test setup

Reference to the **psi2606121-C01-R07 appendix I Test Setup Photo** for details.

12. Photos of EUT

Reference to the **psi2606121-C01-R07 appendix II external photos** and **appendix III internal photos** for details.

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