

**Table of Contents**

- 1. -6dB Bandwidth.....1
- 2. 99% Occupied Bandwidth.....8
- 3. Bandedge..... 15

# 1. -6dB Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	-6dB BW(MHz)	limit(kHz)	Result
NVNT	ANT1	802.11b	2412.00	10.07	500	Pass
NVNT	ANT1	802.11b	2437.00	10.06	500	Pass
NVNT	ANT1	802.11b	2462.00	10.04	500	Pass
NVNT	ANT1	802.11g	2412.00	16.35	500	Pass
NVNT	ANT1	802.11g	2437.00	16.34	500	Pass
NVNT	ANT1	802.11g	2462.00	16.35	500	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	17.56	500	Pass
NVNT	ANT1	802.11n(HT20)	2437.00	17.55	500	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	17.33	500	Pass
NVNT	ANT1	802.11n(HT40)	2422.00	35.41	500	Pass
NVNT	ANT1	802.11n(HT40)	2437.00	35.43	500	Pass
NVNT	ANT1	802.11n(HT40)	2452.00	35.38	500	Pass



**-6dB Bandwidth\_NVNT\_ANT1\_802\_11b\_2437**



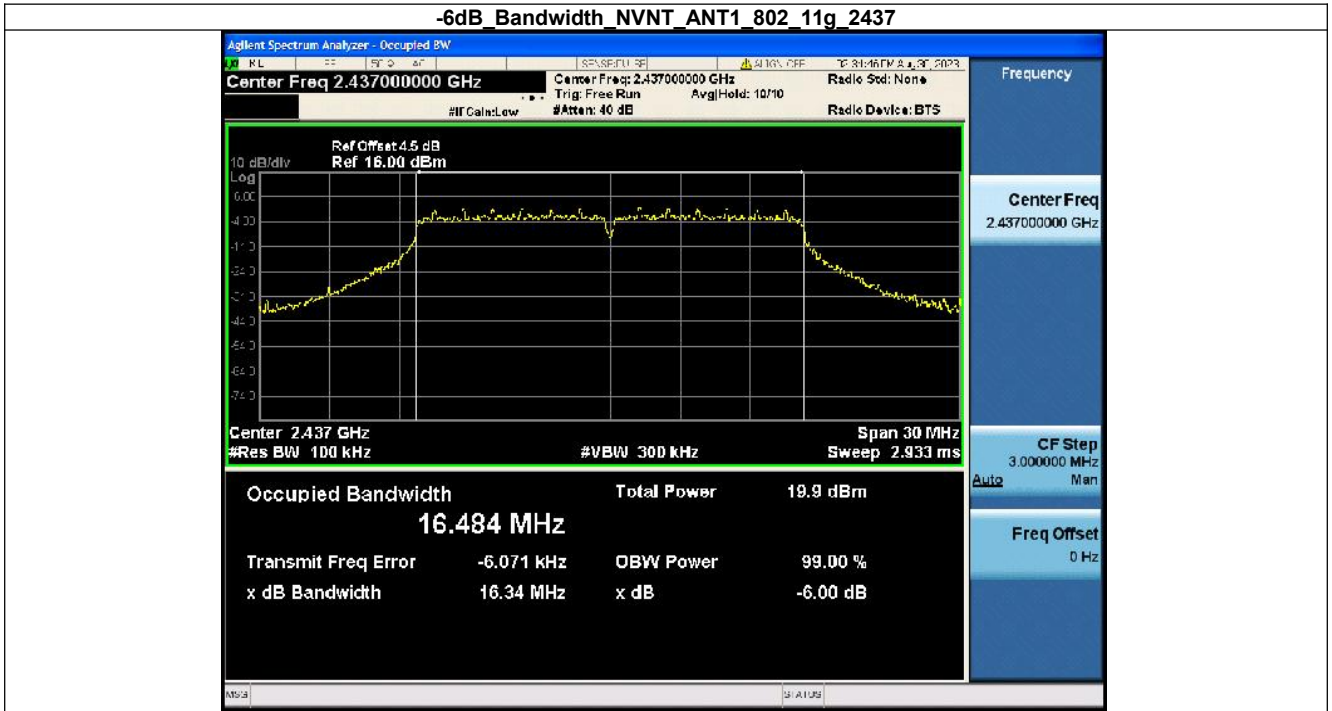
**-6dB Bandwidth NVNT\_ANT1\_802\_11b\_2462**



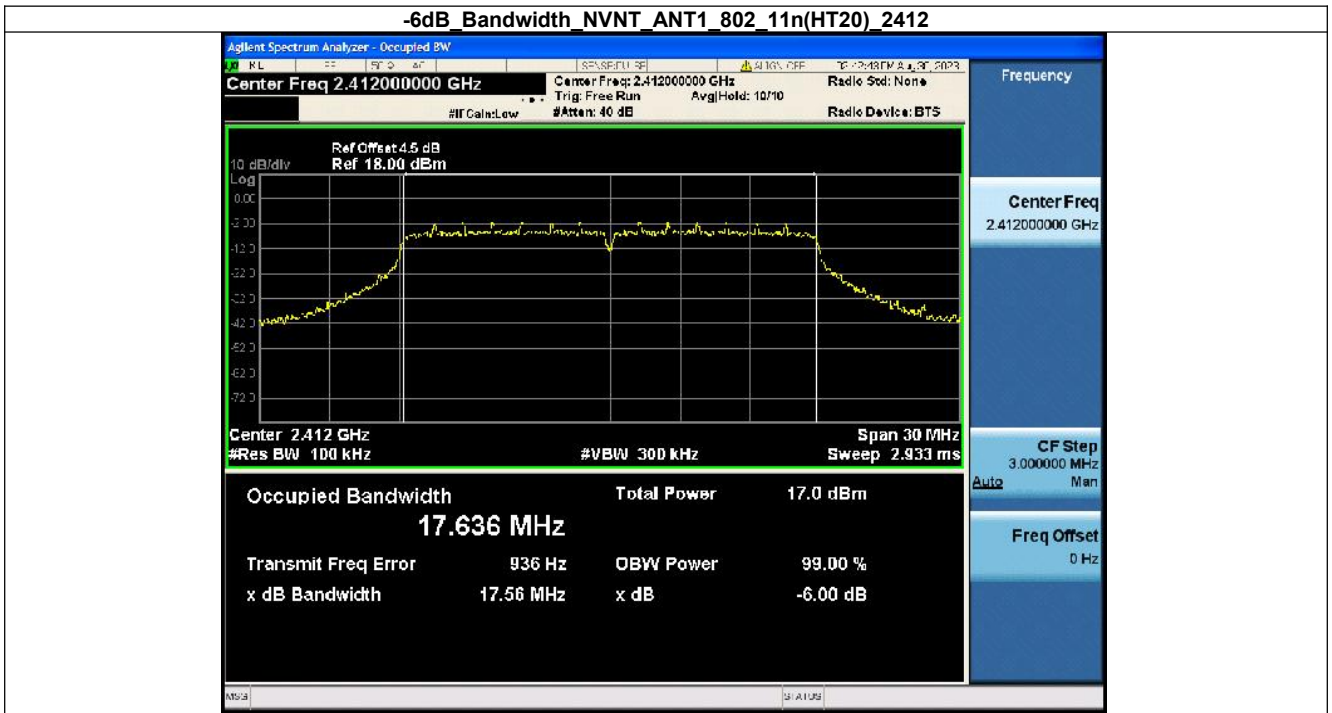
**-6dB Bandwidth NVNT\_ANT1\_802\_11g\_2412**



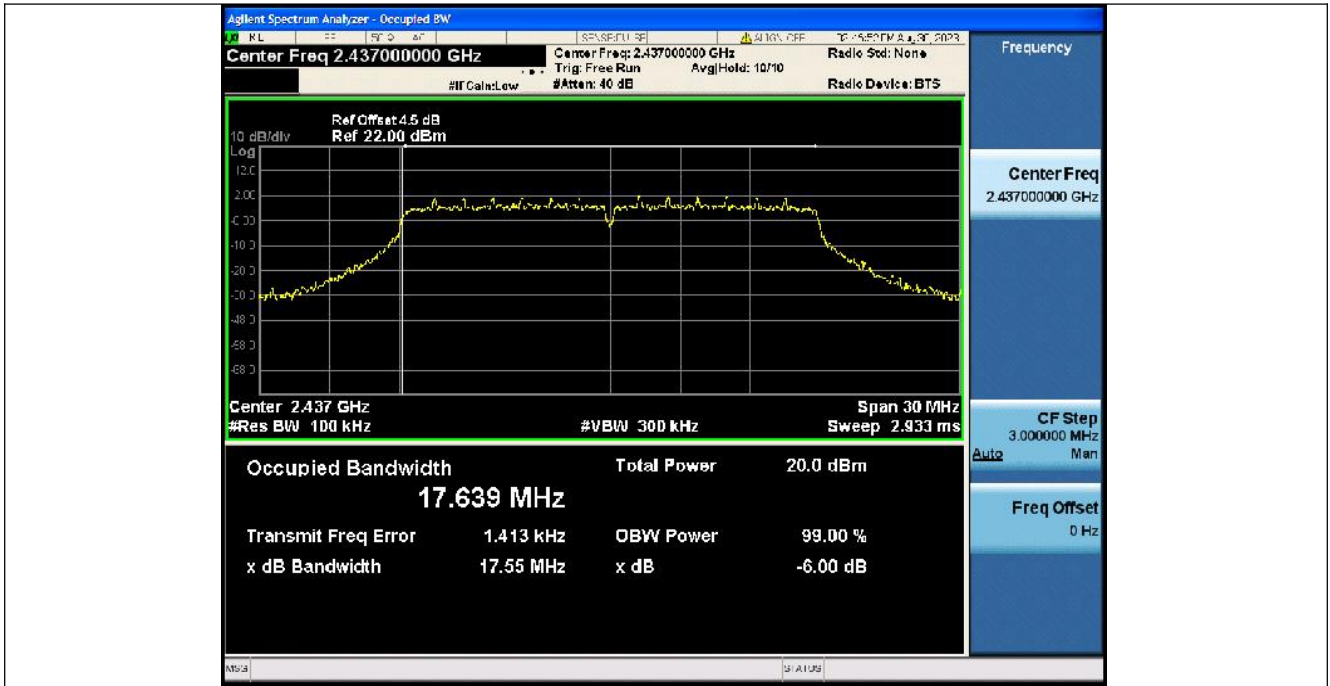
**-6dB Bandwidth NVNT\_ANT1\_802\_11g\_2437**



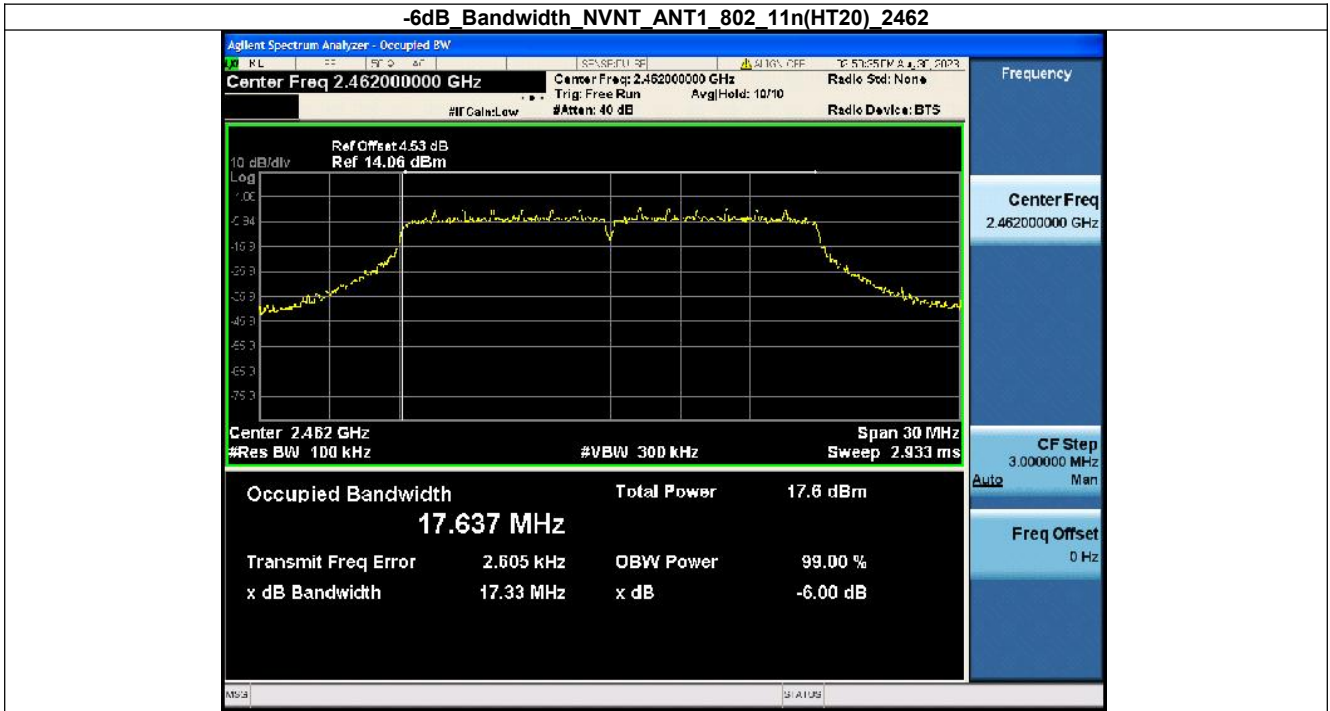
**-6dB Bandwidth NVNT\_ANT1\_802\_11g\_2462**



**-6dB Bandwidth NVNT\_ANT1\_802\_11n(HT20)\_2437**

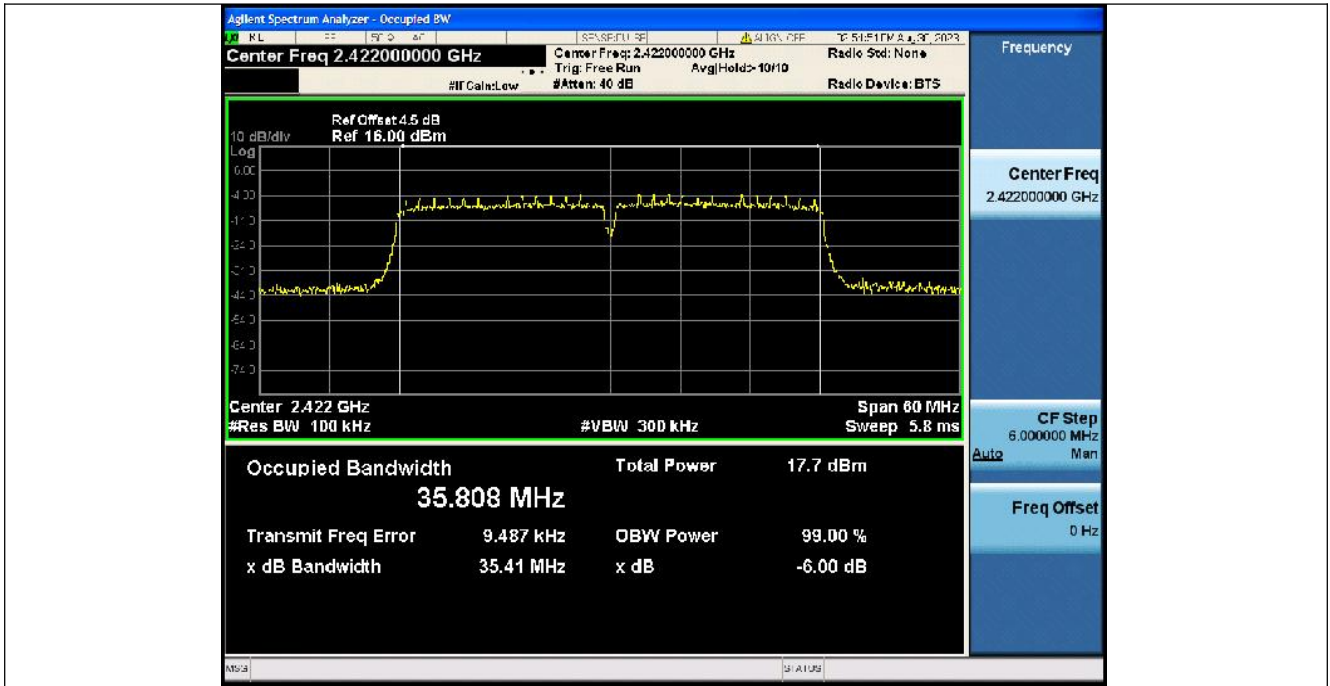


**-6dB\_Bandwidth\_NVNT\_ANT1\_802\_11n(HT20)\_2462**

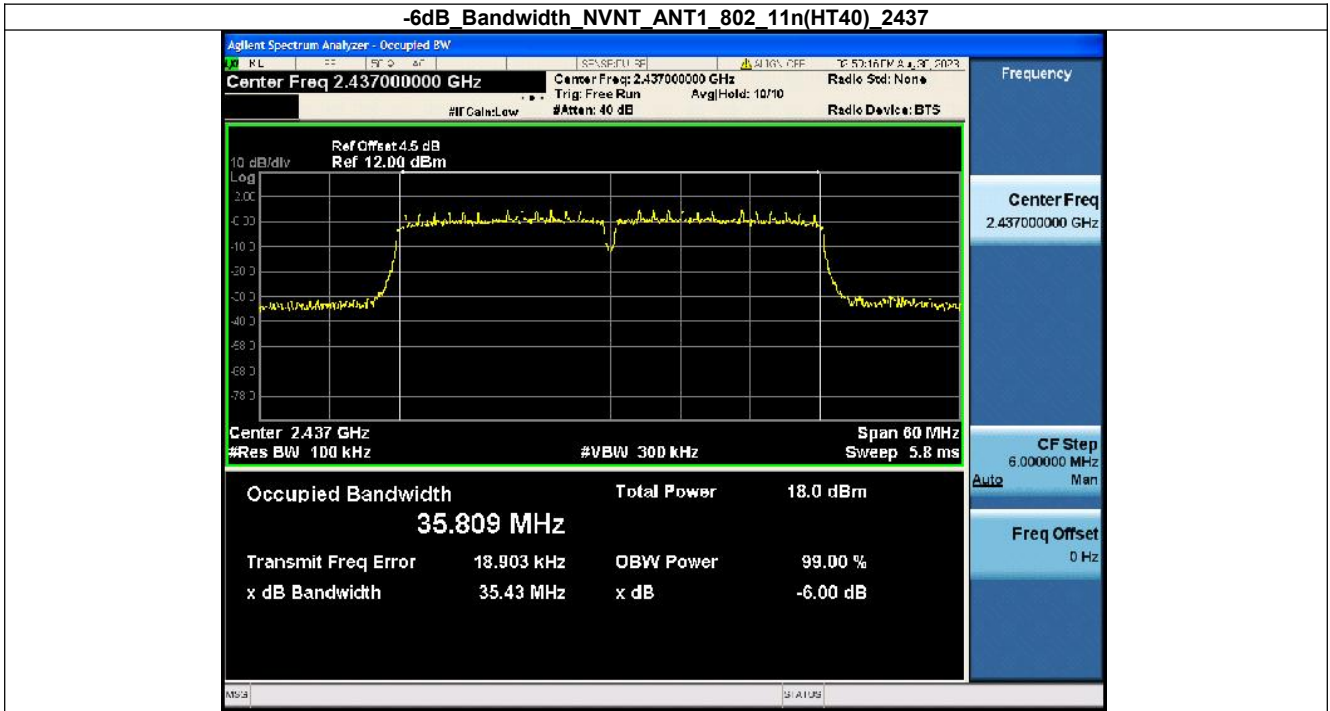


**-6dB\_Bandwidth\_NVNT\_ANT1\_802\_11n(HT40)\_2422**

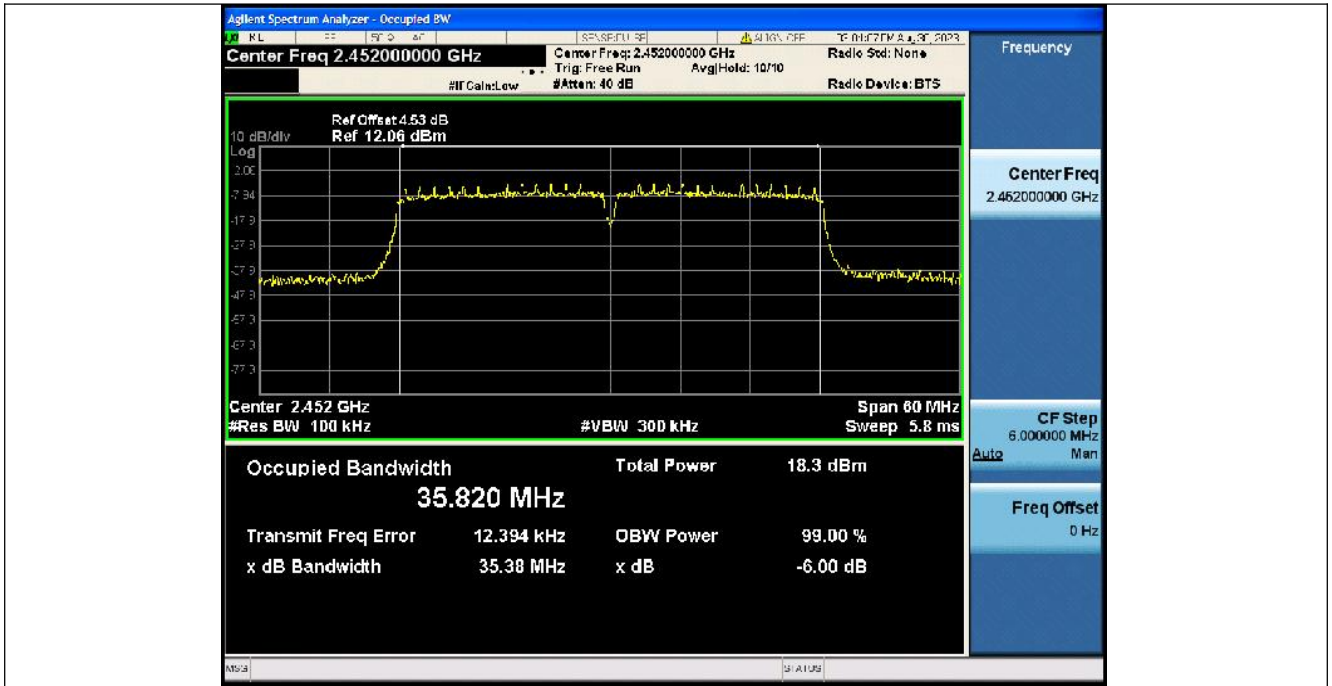




**-6dB\_Bandwidth\_NVNT\_ANT1\_802\_11n(HT40)\_2437**



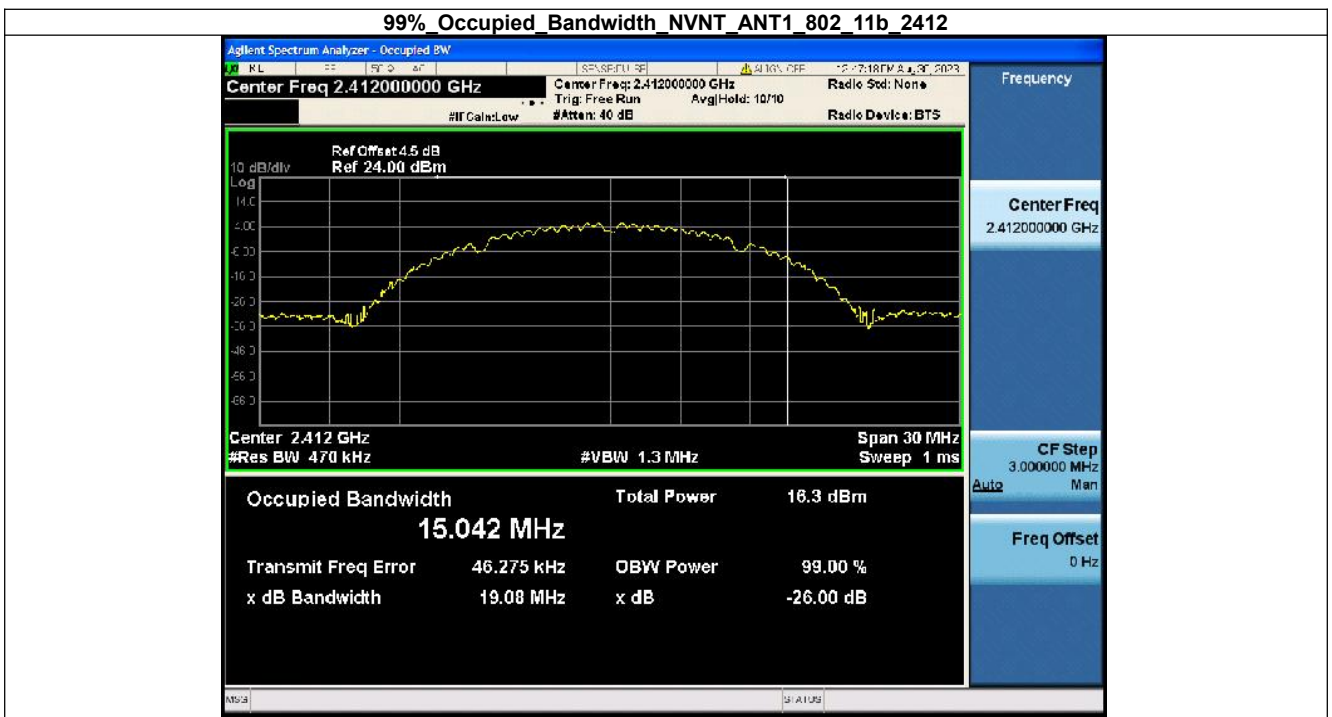
**-6dB\_Bandwidth\_NVNT\_ANT1\_802\_11n(HT40)\_2452**



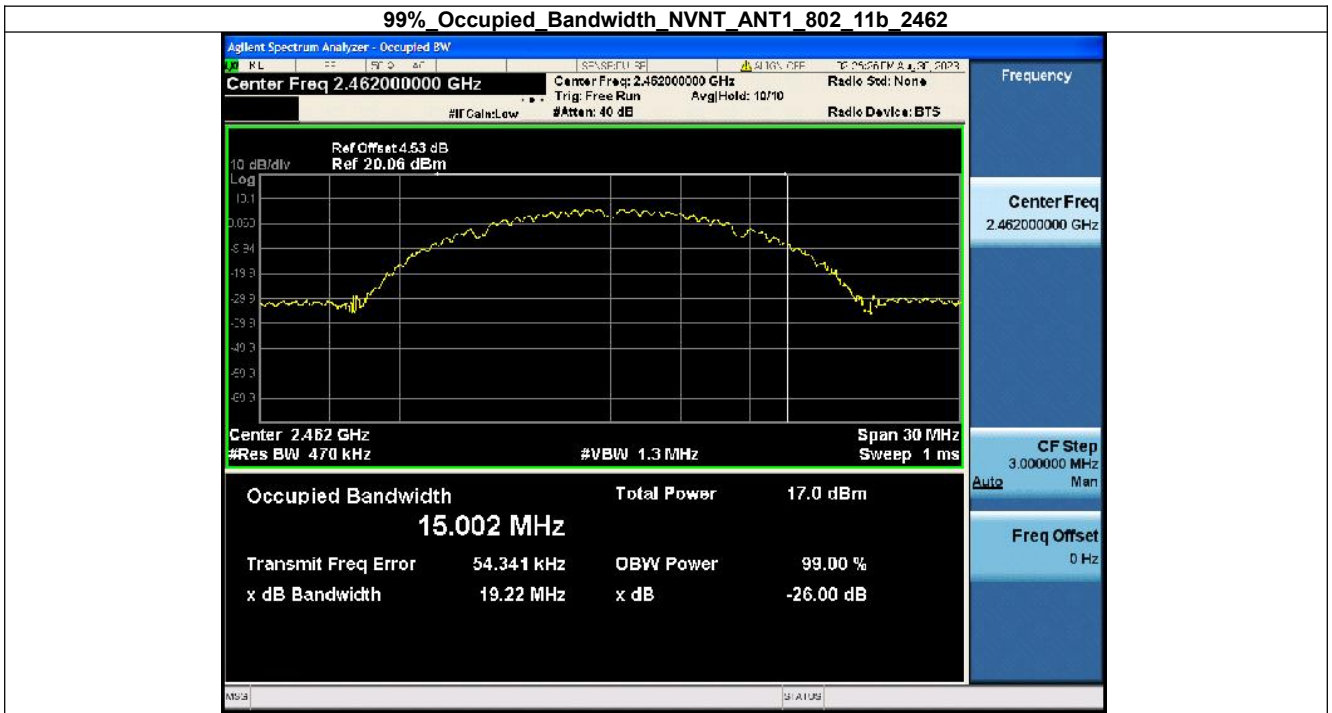


## 2. 99% Occupied Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	99% BW (MHz)
NVNT	ANT1	802.11b	2412.00	15.042
NVNT	ANT1	802.11b	2437.00	15.022
NVNT	ANT1	802.11b	2462.00	15.002
NVNT	ANT1	802.11g	2412.00	17.573
NVNT	ANT1	802.11g	2437.00	17.531
NVNT	ANT1	802.11g	2462.00	17.558
NVNT	ANT1	802.11n(HT20)	2412.00	18.506
NVNT	ANT1	802.11n(HT20)	2437.00	18.468
NVNT	ANT1	802.11n(HT20)	2462.00	18.487
NVNT	ANT1	802.11n(HT40)	2422.00	35.948
NVNT	ANT1	802.11n(HT40)	2437.00	35.934
NVNT	ANT1	802.11n(HT40)	2452.00	36.019



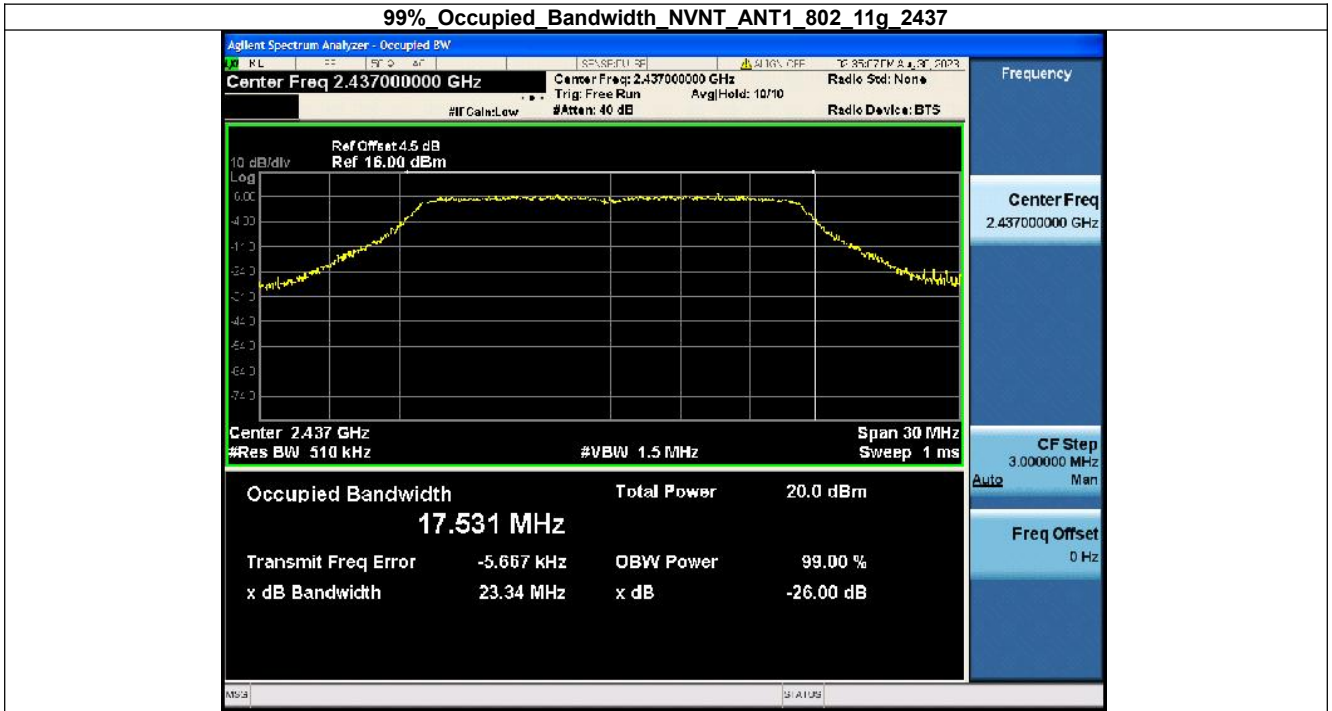
**99% Occupied Bandwidth NVNT ANT1 802\_11b\_2437**



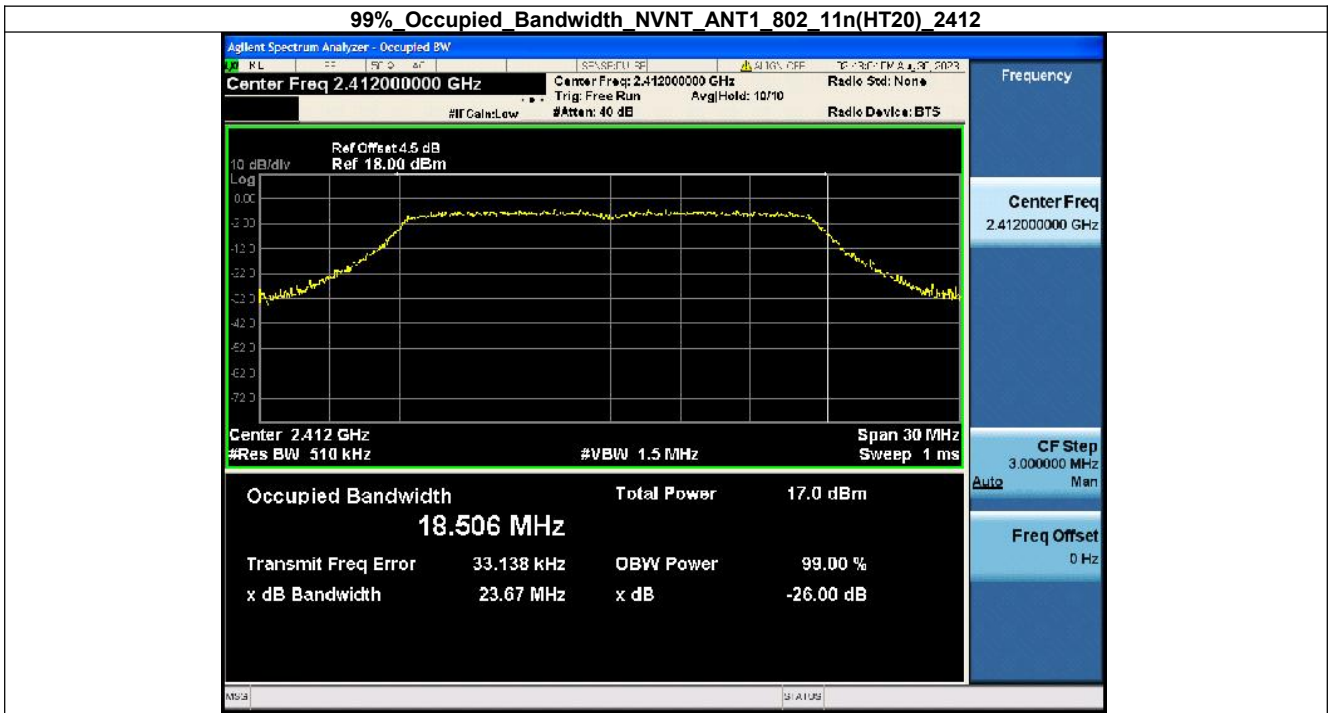
**99% Occupied Bandwidth NVNT\_ANT1\_802\_11g\_2412**



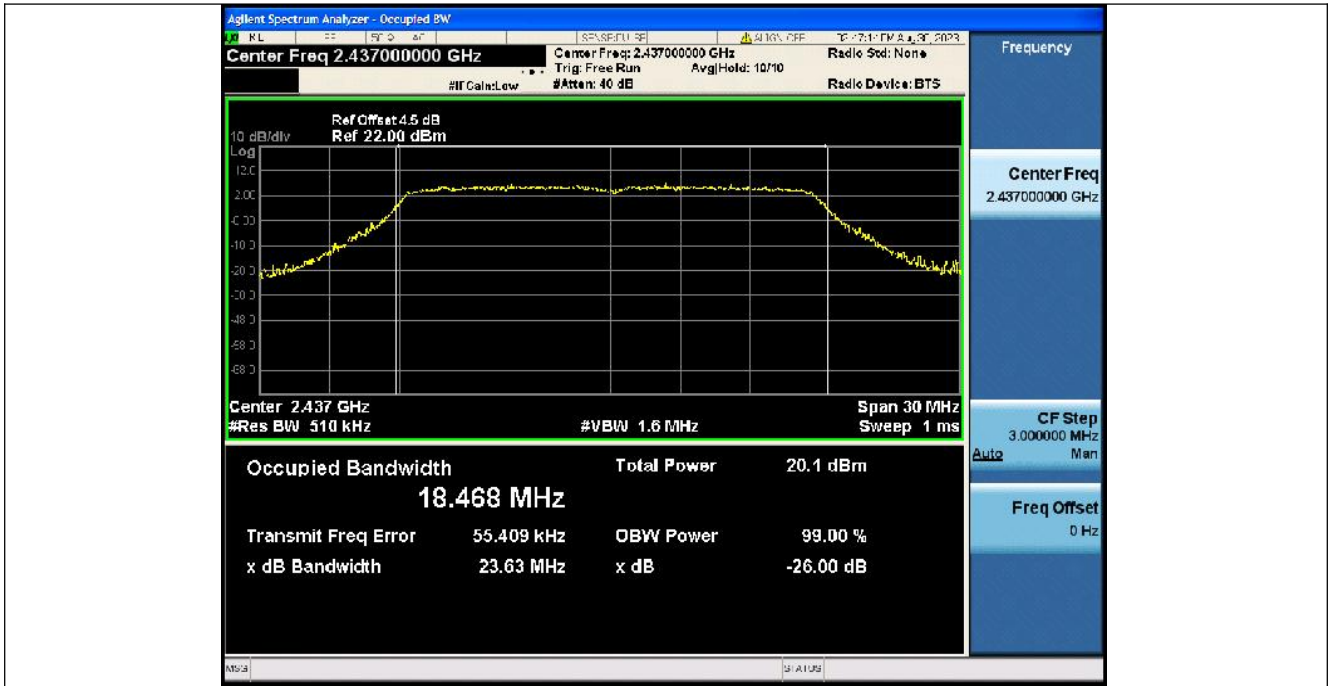
**99% Occupied Bandwidth NVNT\_ANT1\_802\_11g\_2437**



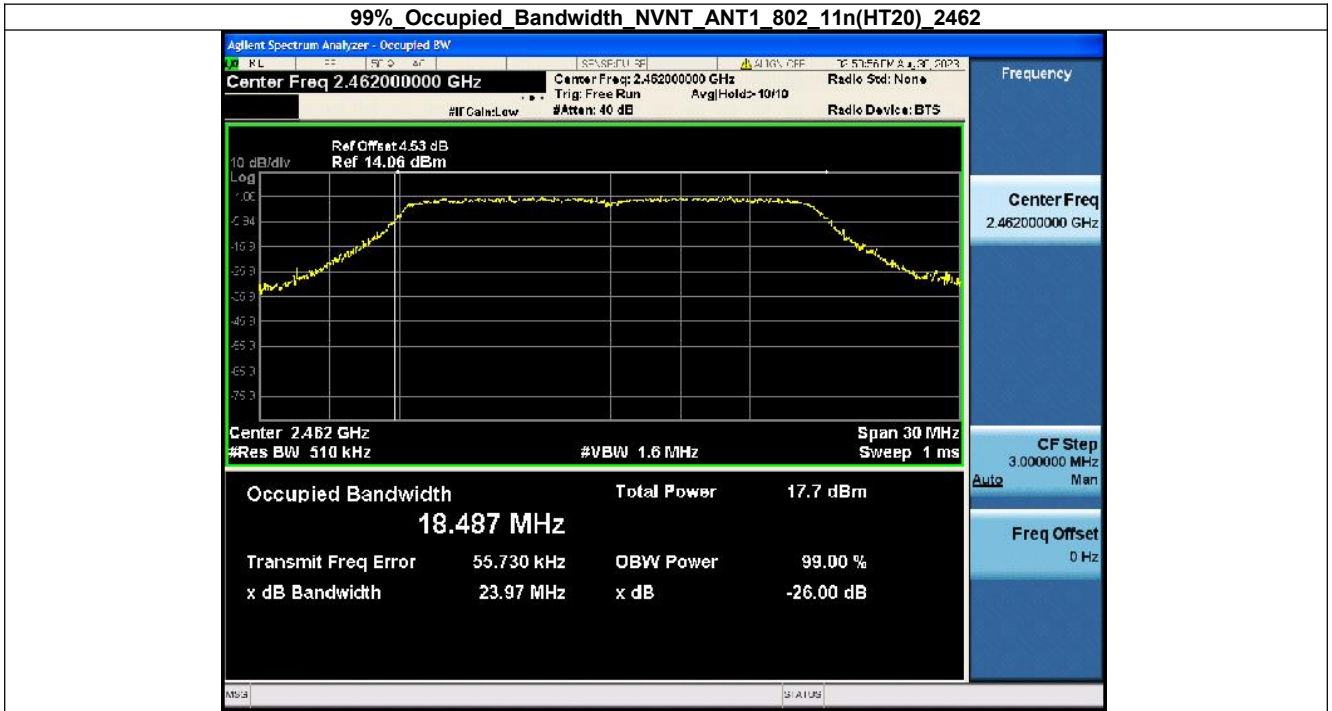
**99% Occupied Bandwidth NVNT\_ANT1\_802\_11g\_2462**



**99% Occupied Bandwidth NVNT\_ANT1\_802\_11n(HT20)\_2437**

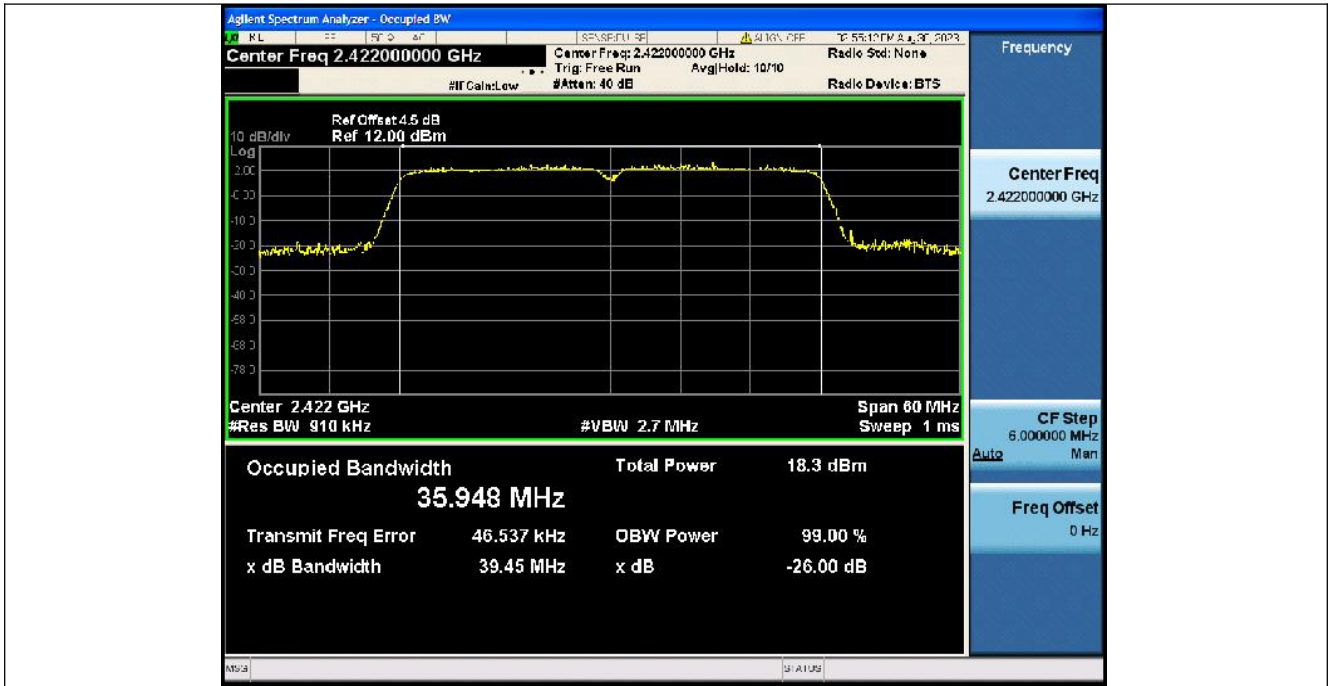


**99% Occupied Bandwidth NVNT\_ANT1\_802\_11n(HT20)\_2462**

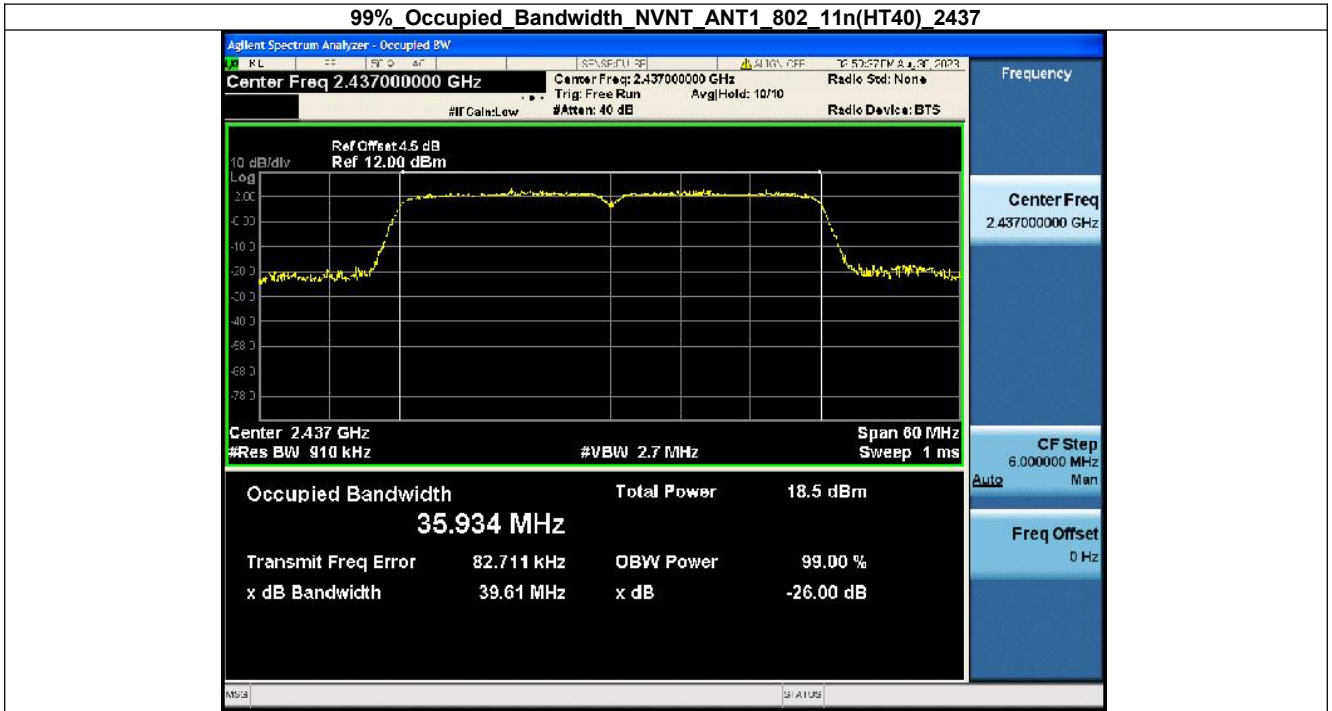


**99% Occupied Bandwidth NVNT\_ANT1\_802\_11n(HT40)\_2422**

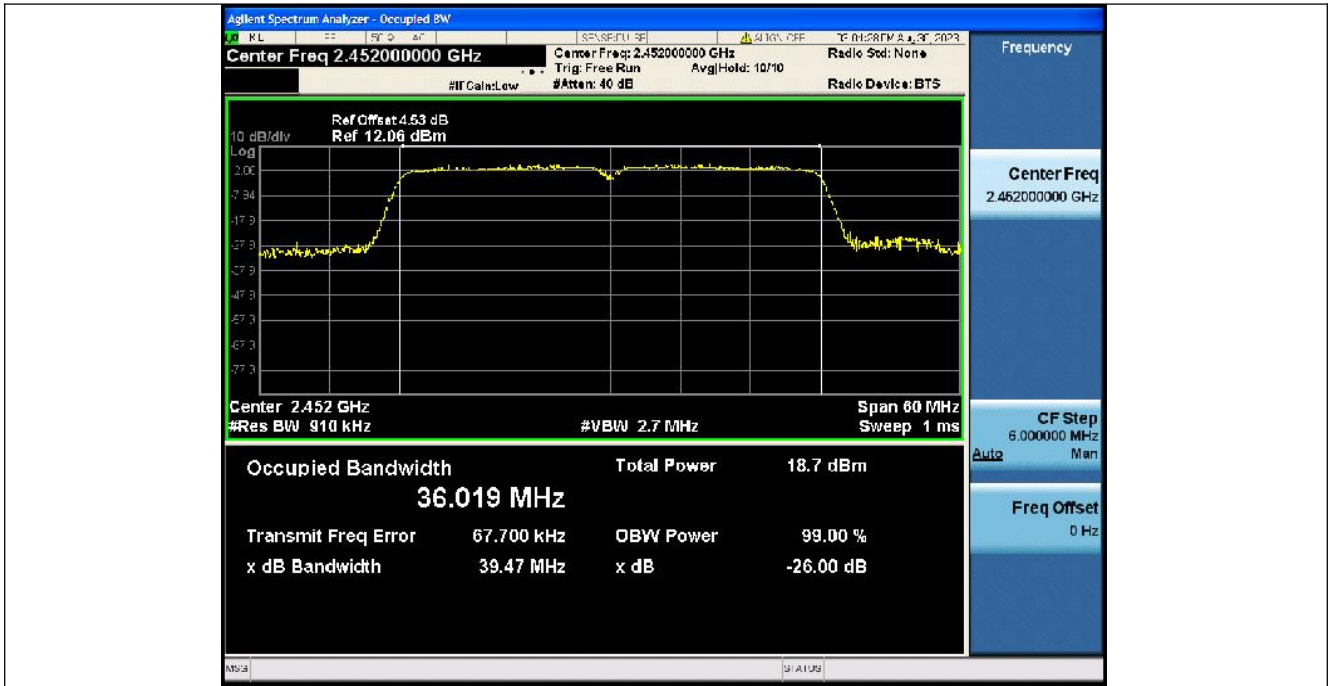




**99% Occupied Bandwidth NVNT\_ANT1\_802\_11n(HT40)\_2437**



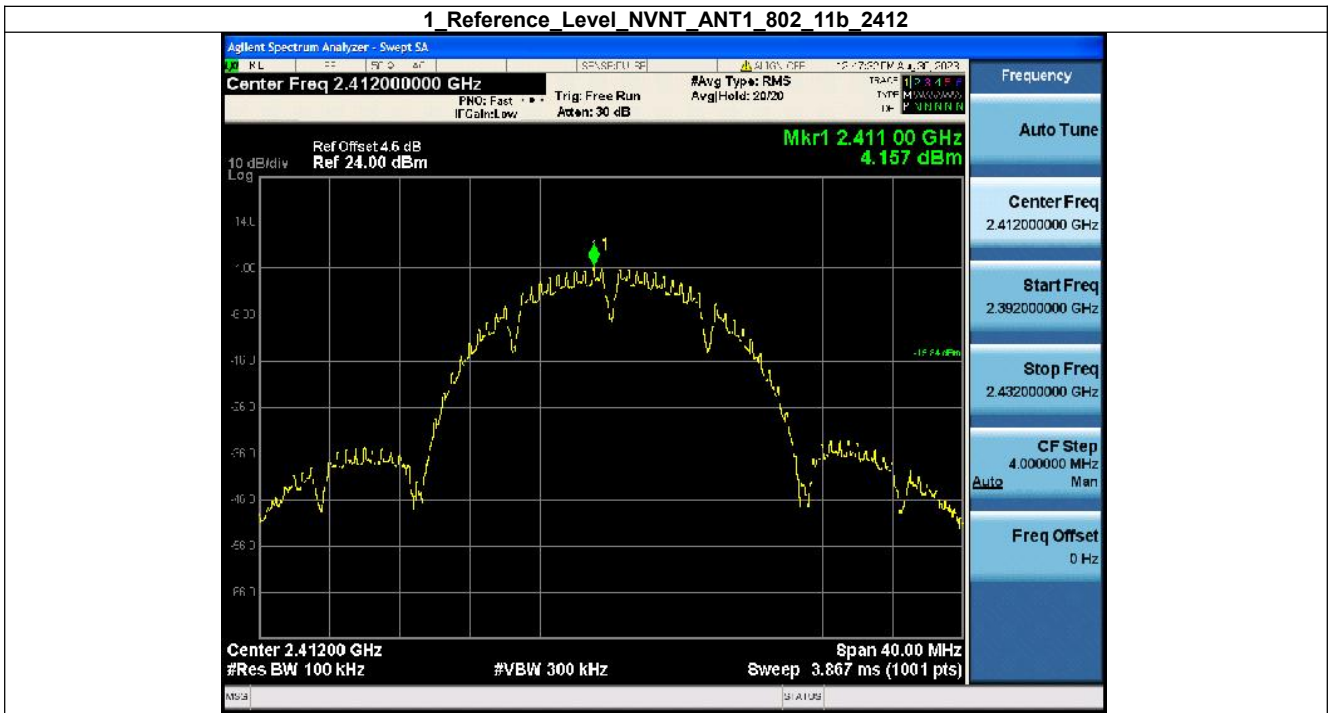
**99% Occupied Bandwidth NVNT\_ANT1\_802\_11n(HT40)\_2452**





### 3. Bandedge

Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark_frequency(MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11b	2412.00	2397.472	-34.995	-15.843	Pass
NVNT	ANT1	802.11b	2462.00	2487.472	-54.392	-14.481	Pass
NVNT	ANT1	802.11g	2412.00	2399.824	-35.760	-20.678	Pass
NVNT	ANT1	802.11g	2462.00	2487.616	-48.457	-19.561	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	2399.936	-35.880	-21.014	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	2484.064	-46.781	-20.517	Pass
NVNT	ANT1	802.11n(HT40)	2422.00	2389.332	-40.367	-23.460	Pass
NVNT	ANT1	802.11n(HT40)	2452.00	2484.700	-39.465	-23.038	Pass



1 Reference Level NVNT\_ANT1\_802\_11b\_2462



2 Bandedge\_NVNT\_ANT1\_802\_11b\_2462



1 Reference Level NVNT\_ANT1\_802\_11g\_2412



2\_Bandedge\_NVNT\_ANT1\_802\_11g\_2412



1\_Reference\_Level\_NVNT\_ANT1\_802\_11g\_2462



2\_Bandedge\_NVNT\_ANT1\_802\_11g\_2462



1\_Reference\_Level\_NVNT\_ANT1\_802\_11n(HT20)\_2412





2\_Bandedge\_NVNT\_ANT1\_802\_11n(HT20)\_2412



1\_Reference\_Level\_NVNT\_ANT1\_802\_11n(HT20)\_2462



2\_Bandedge\_NVNT\_ANT1\_802\_11n(HT20)\_2462



1\_Reference\_Level\_NVNT\_ANT1\_802\_11n(HT40)\_2422



2\_Bandedge\_NVNT\_ANT1\_802\_11n(HT40)\_2422



1\_Reference\_Level\_NVNT\_ANT1\_802\_11n(HT40)\_2452





2\_Bandedge\_NVNT\_ANT1\_802\_11n(HT40)\_2452

