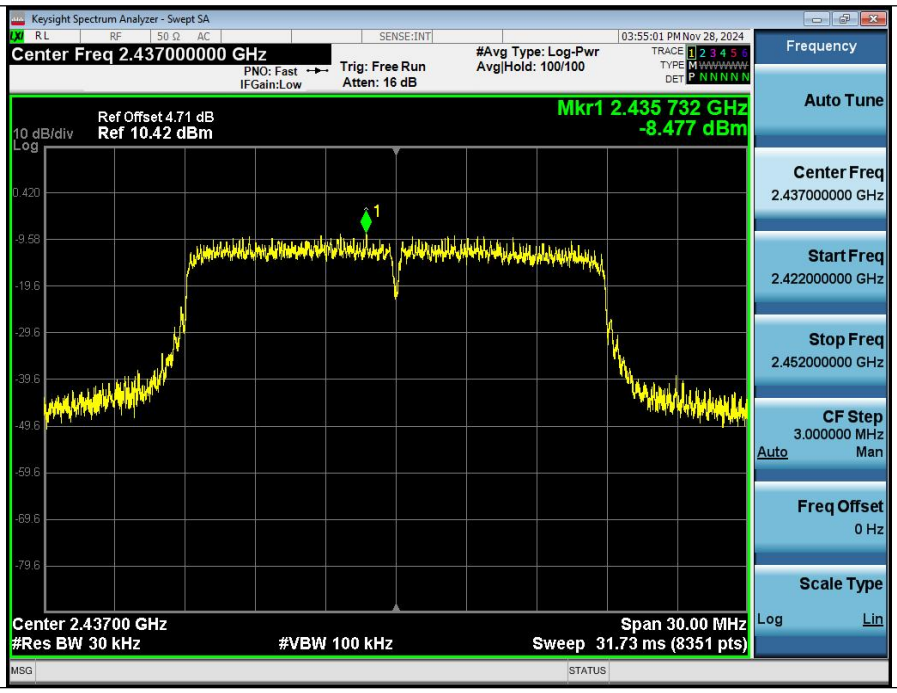
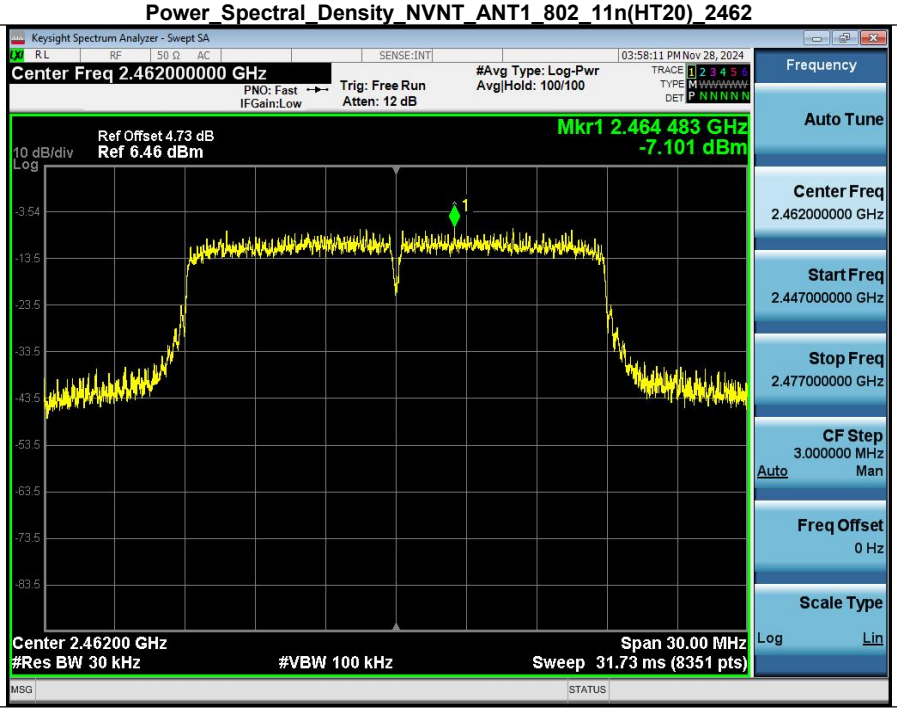
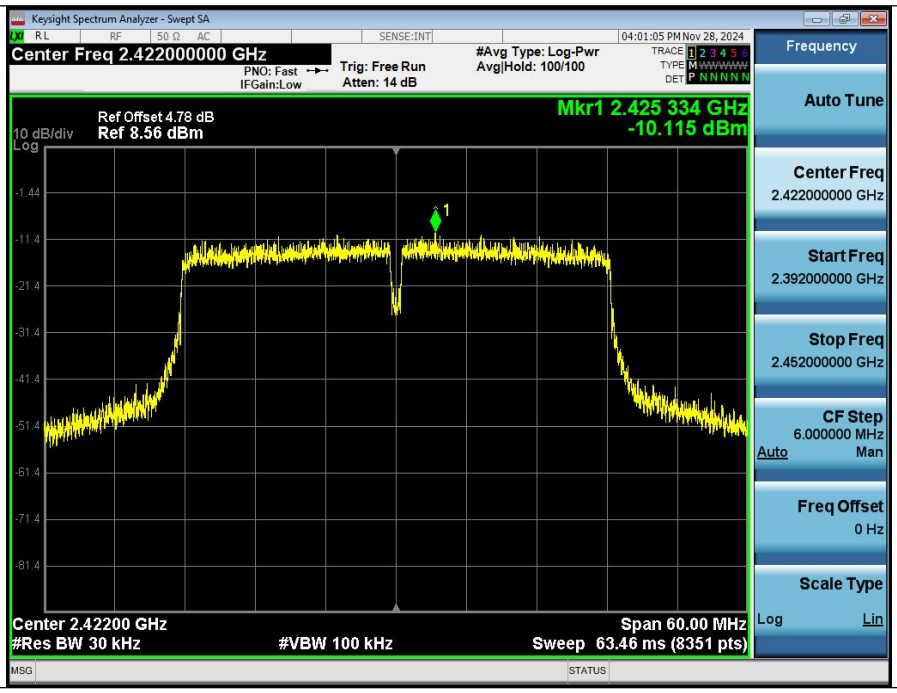


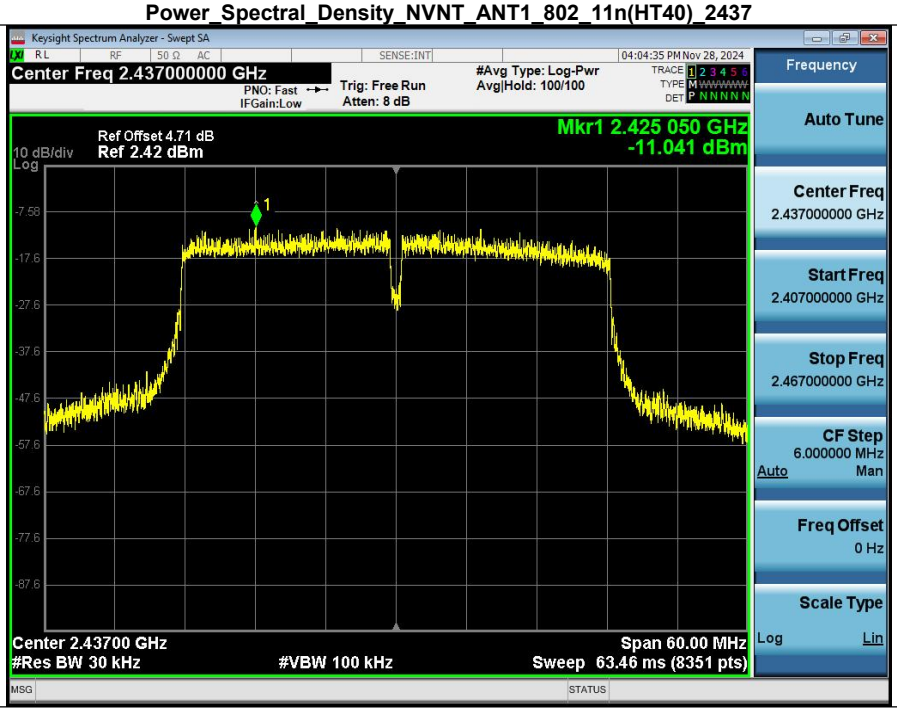
Power_Spectral_Density_NVNT_ANT1_802_11n(HT20)_2462



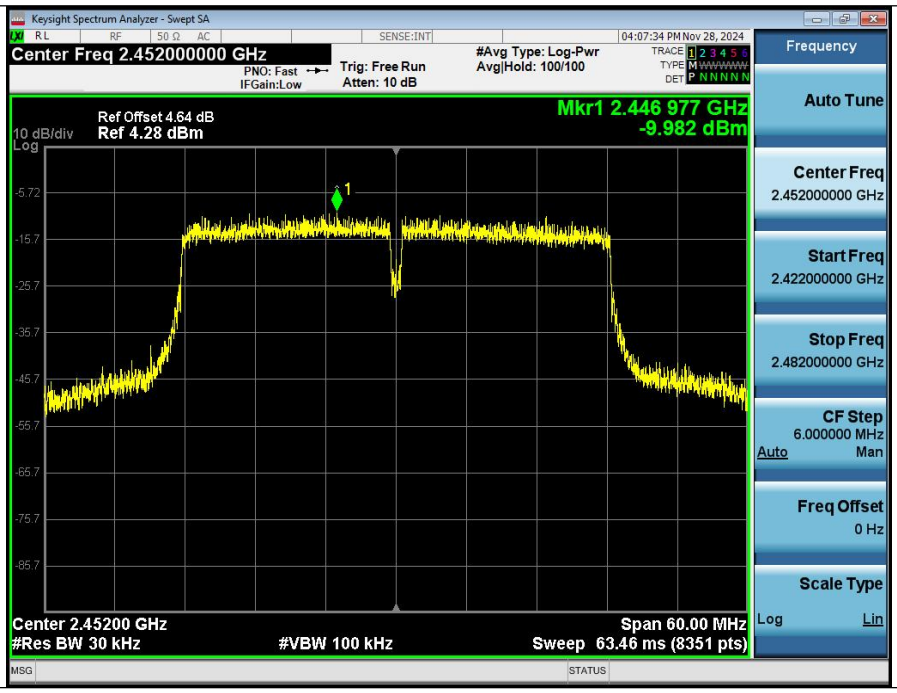
Power_Spectral_Density_NVNT_ANT1_802_11n(HT40)_2422



Power_Spectral_Density_NVNT_ANT1_802_11n(HT40)_2437



Power_Spectral_Density_NVNT_ANT1_802_11n(HT40)_2452

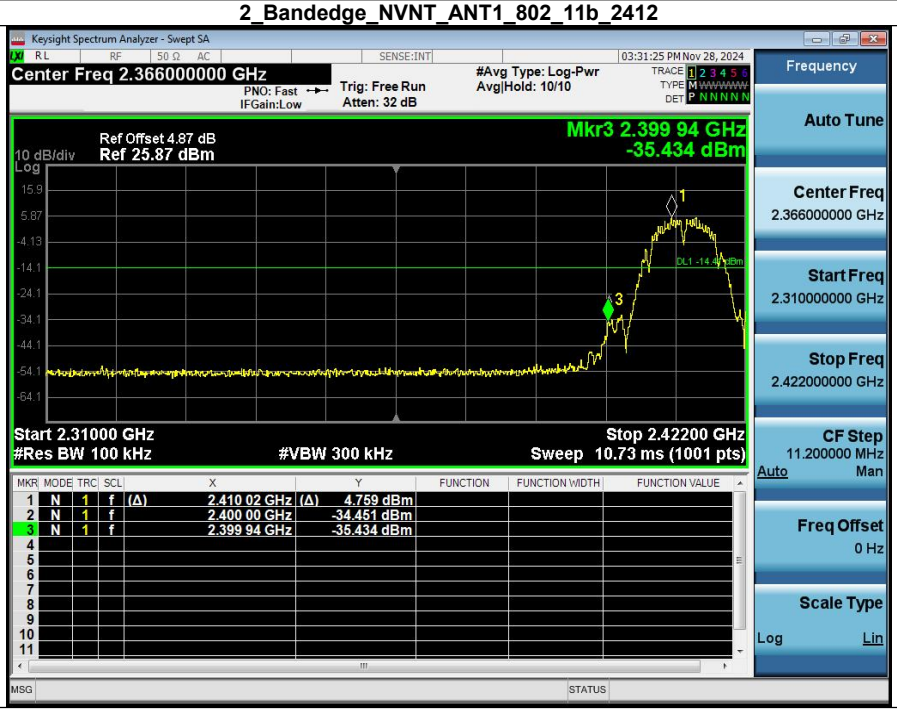

Keysight Spectrum Analyzer - Swept SA
Center Freq 2.452000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 10 dB
#Avg Type: Log-Pwr
Avg|Hold: 100/100
04:07:34 PM Nov 28, 2024
Ref Offset 4.64 dB
10 dB/div
Ref 4.28 dBm
Log
Mkr1 2.446 977 GHz
-9.982 dBm
Center 2.45200 GHz
#Res BW 30 kHz
#VBW 100 kHz
Span 60.00 MHz
Sweep 63.46 ms (8351 pts)
Frequency
Auto Tune
Center Freq
2.452000000 GHz
Start Freq
2.422000000 GHz
Stop Freq
2.482000000 GHz
CF Step
6.000000 MHz
Auto
Man
Freq Offset
0 Hz
Scale Type
Log
Lin

6. Bandedge

Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark_frequency(MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11b	2412.00	2399.936	-35.434	-14.405	Pass
NVNT	ANT1	802.11b	2462.00	2486.320	-55.465	-15.404	Pass
NVNT	ANT1	802.11g	2412.00	2399.264	-25.433	-17.587	Pass
NVNT	ANT1	802.11g	2462.00	2483.584	-44.572	-22.321	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	2399.712	-31.705	-21.965	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	2483.584	-40.172	-22.504	Pass
NVNT	ANT1	802.11n(HT40)	2422.00	2399.760	-38.200	-25.844	Pass
NVNT	ANT1	802.11n(HT40)	2452.00	2484.496	-42.284	-25.041	Pass

1_Reference_Level_NVNT_ANT1_802_11b_2412

2_Bandedge_NVNT_ANT1_802_11b_2412

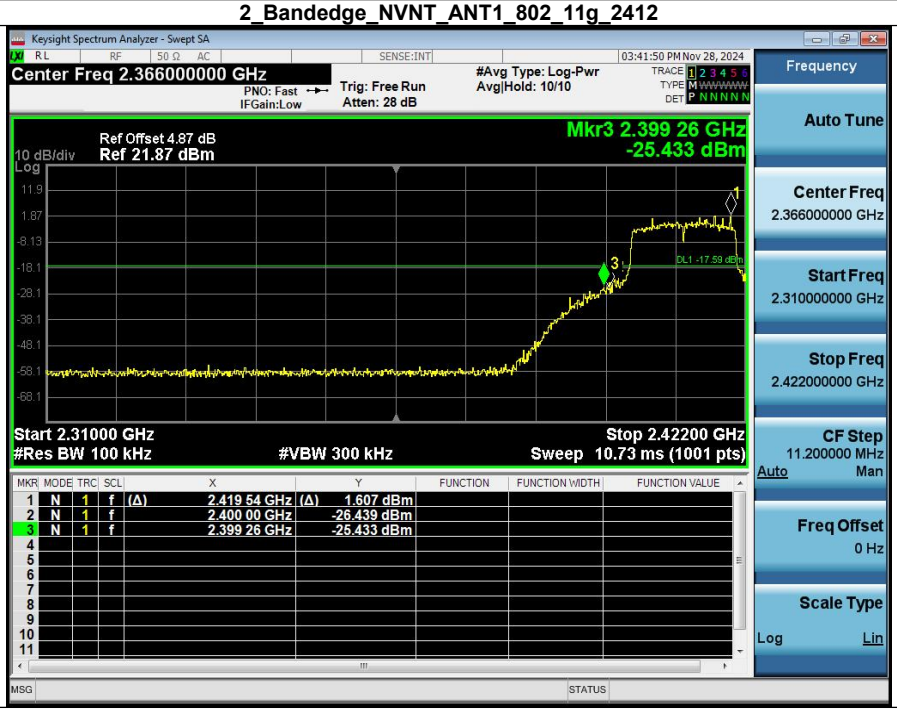


1_Reference_Level_NVNT_ANT1_802_11b_2462

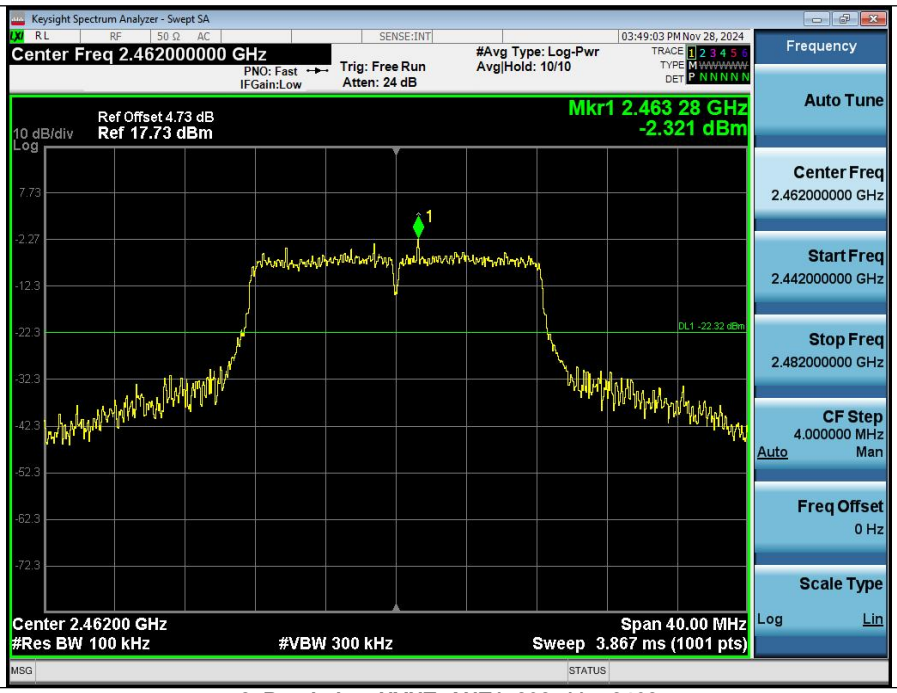
2_Bandedge_NVNT_ANT1_802_11b_2462

1_Reference_Level_NVNT_ANT1_802_11g_2412

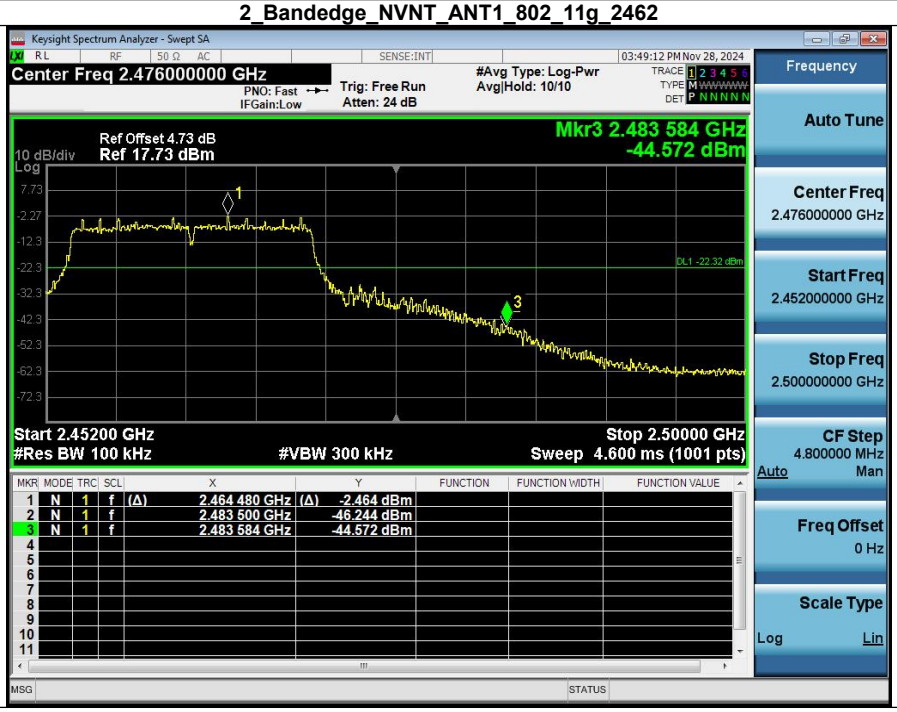
2_Bandedge_NVNT_ANT1_802_11g_2412



1_Reference_Level_NVNT_ANT1_802_11g_2462

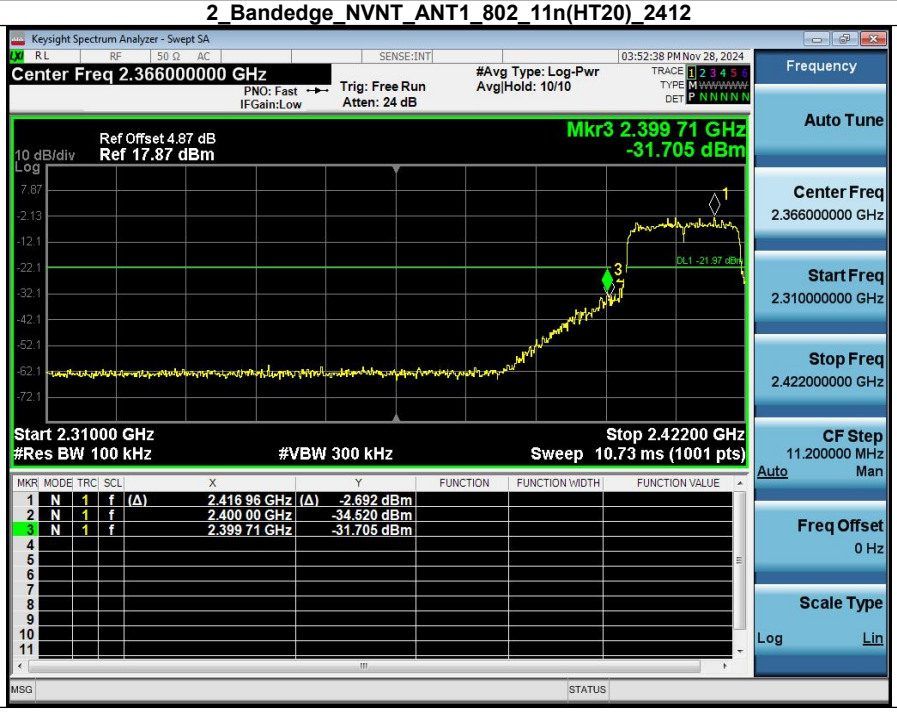


2_Bandedge_NVNT_ANT1_802_11g_2462



1_Reference_Level_NVNT_ANT1_802_11n(HT20)_2412

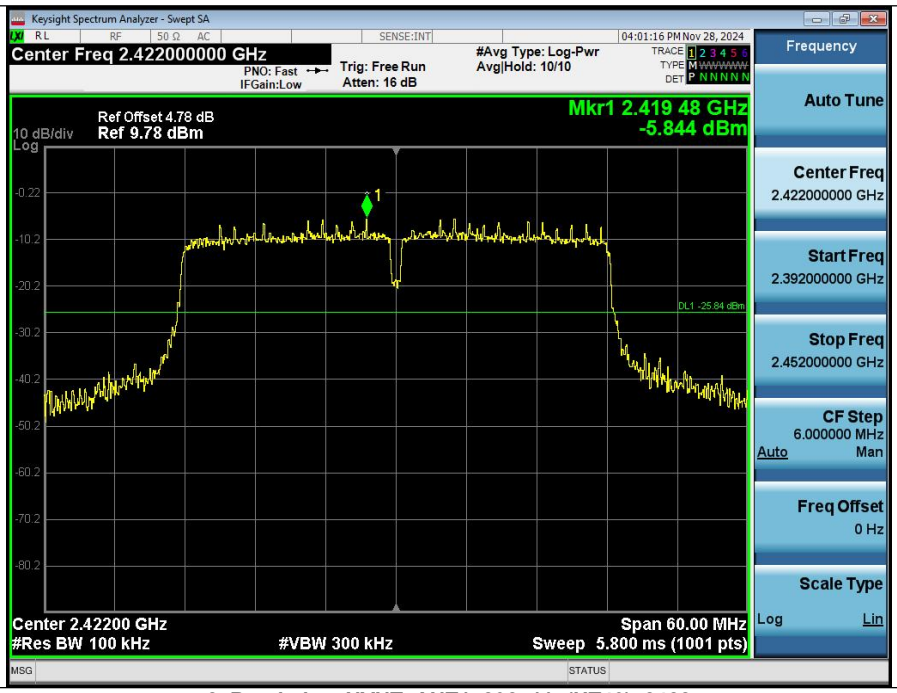
2_Bandedge_NVNT_ANT1_802_11n(HT20)_2412



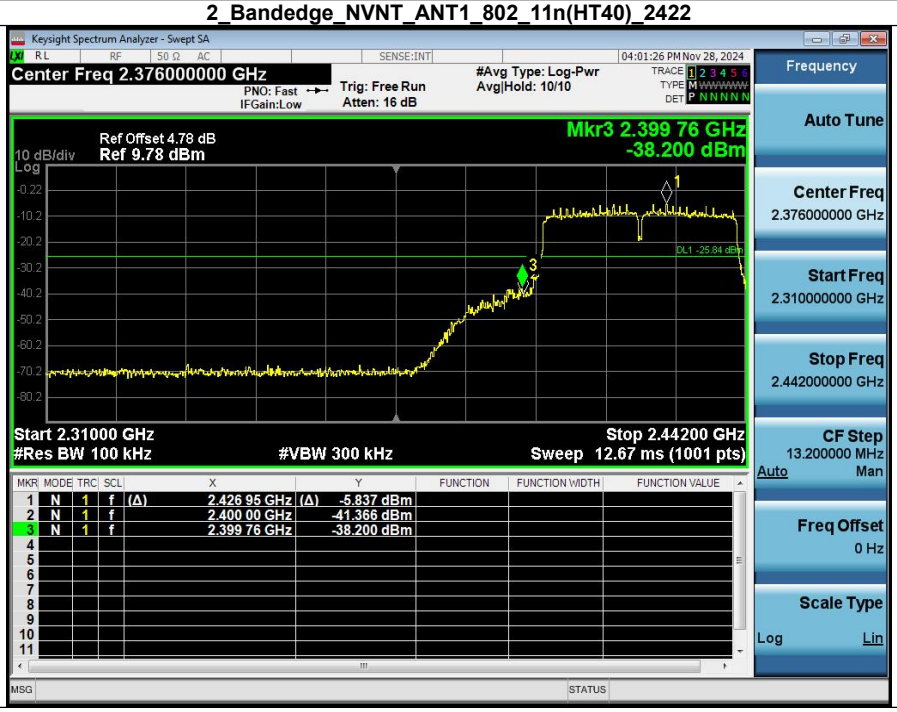
1_Reference_Level_NVNT_ANT1_802_11n(HT20)_2462

2_Bandedge_NVNT_ANT1_802_11n(HT20)_2462

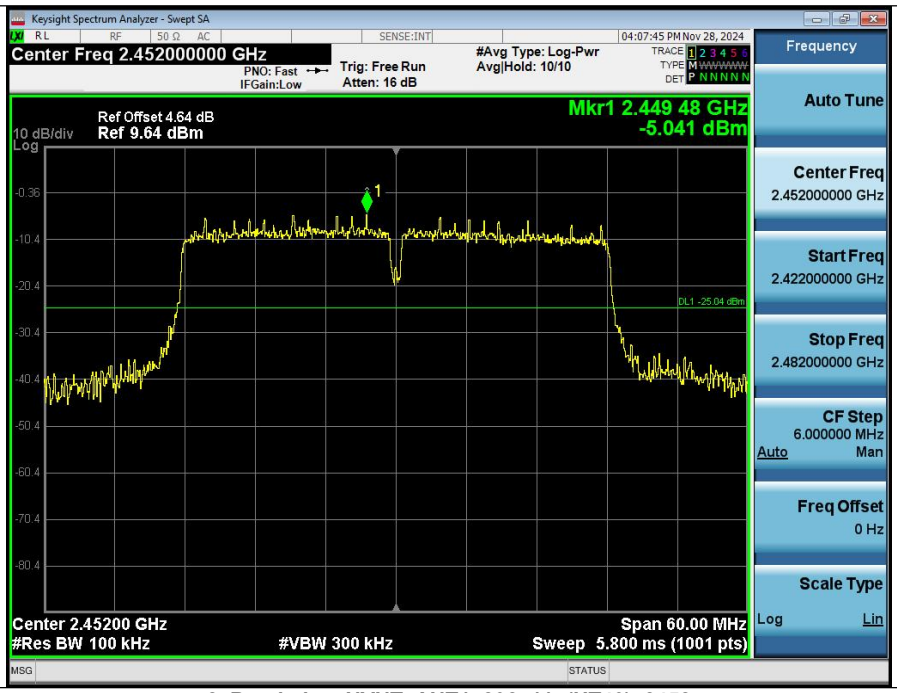
1_Reference_Level_NVNT_ANT1_802_11n(HT40)_2422



2_Bandedge_NVNT_ANT1_802_11n(HT40)_2422



1_Reference_Level_NVNT_ANT1_802_11n(HT40)_2452



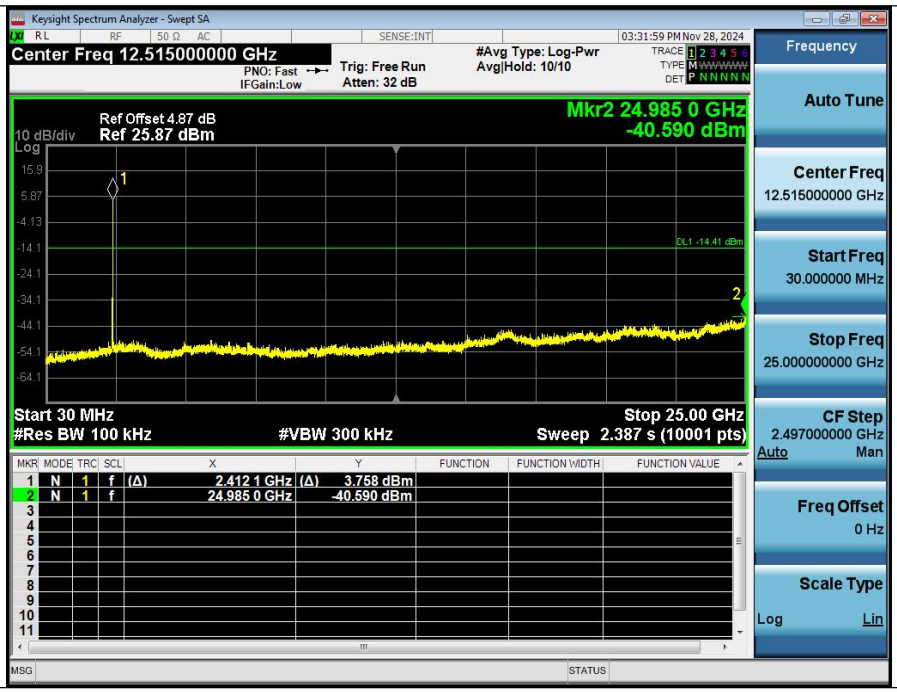
2_Bandedge_NVNT_ANT1_802_11n(HT40)_2452

7. Spurious Emission

Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark_frequency(MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11b	2412.00	24985.018	-40.590	-14.405	Pass
NVNT	ANT1	802.11b	2437.00	24995.006	-43.302	-16.298	Pass
NVNT	ANT1	802.11b	2462.00	24323.313	-47.278	-15.404	Pass
NVNT	ANT1	802.11g	2412.00	25000.000	-44.452	-17.587	Pass
NVNT	ANT1	802.11g	2437.00	24902.617	-54.665	-23.995	Pass
NVNT	ANT1	802.11g	2462.00	704.190	-43.490	-22.321	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	24538.055	-48.390	-21.965	Pass
NVNT	ANT1	802.11n(HT20)	2437.00	24945.066	-50.050	-24.054	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	24438.175	-48.726	-22.504	Pass
NVNT	ANT1	802.11n(HT40)	2422.00	24957.551	-57.292	-25.844	Pass
NVNT	ANT1	802.11n(HT40)	2437.00	24987.515	-53.445	-26.529	Pass
NVNT	ANT1	802.11n(HT40)	2452.00	24897.623	-56.976	-25.041	Pass

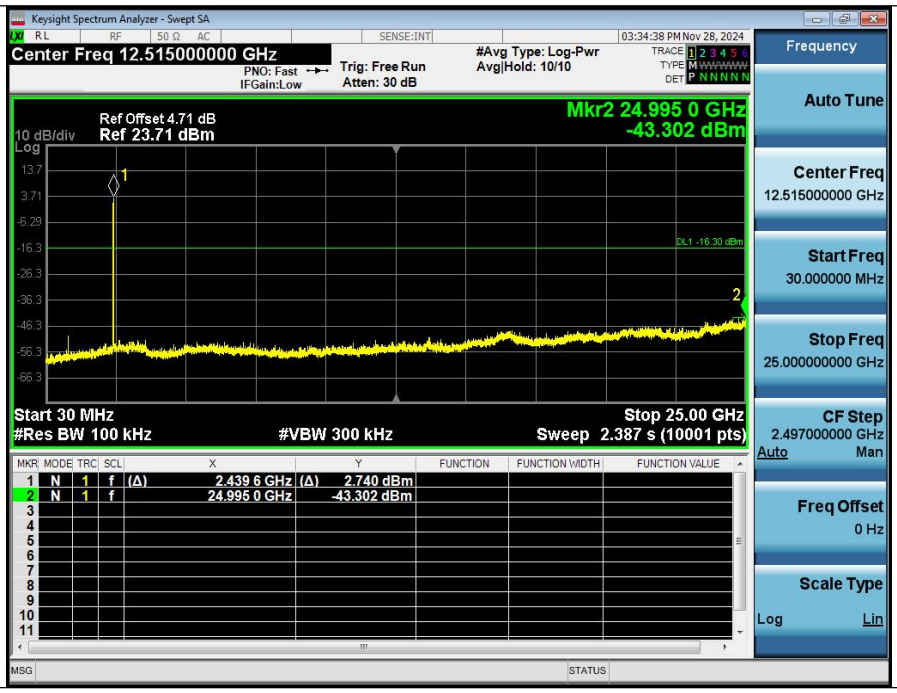
1_Reference_Level_NVNT_ANT1_802_11b_2412

2_Spurious_Emission_NVNT_ANT1_802_11b_2412



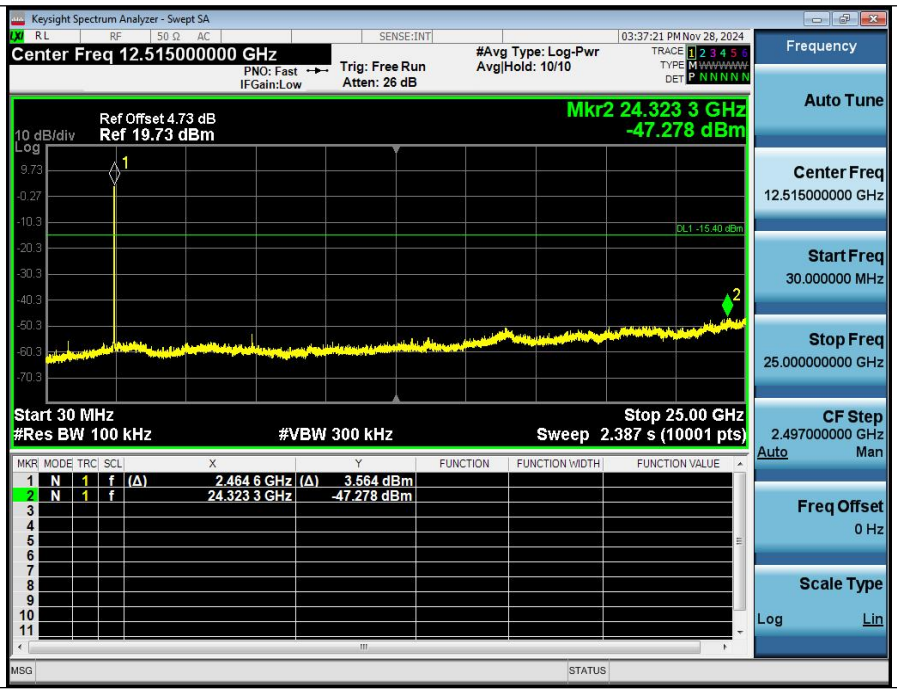
1_Reference_Level_NVNT_ANT1_802_11b_2437

2_Spurious_Emission_NVNT_ANT1_802_11b_2437

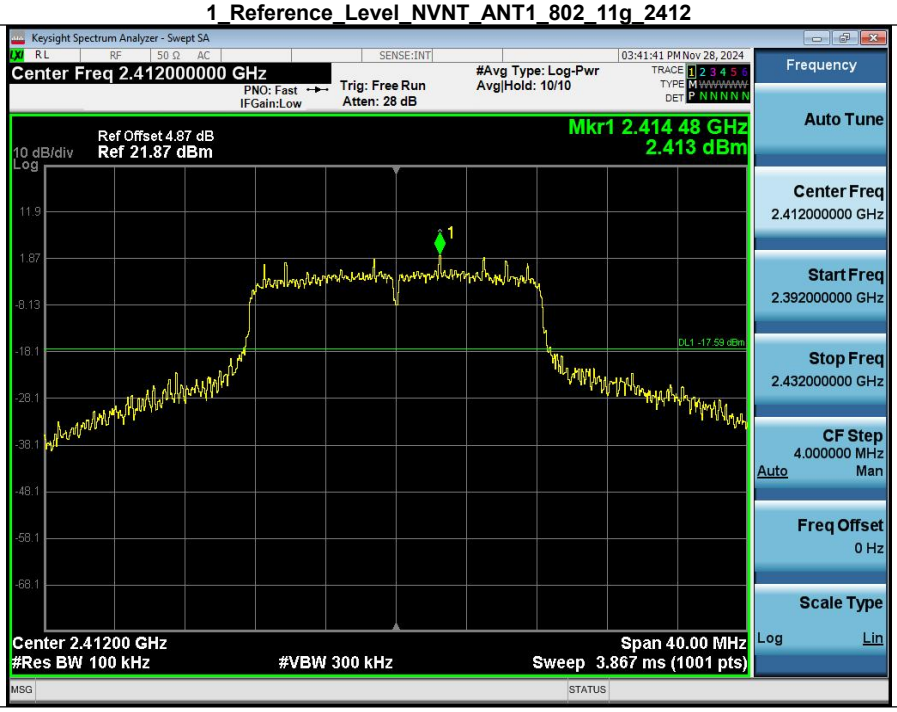


1_Reference_Level_NVNT_ANT1_802_11b_2462

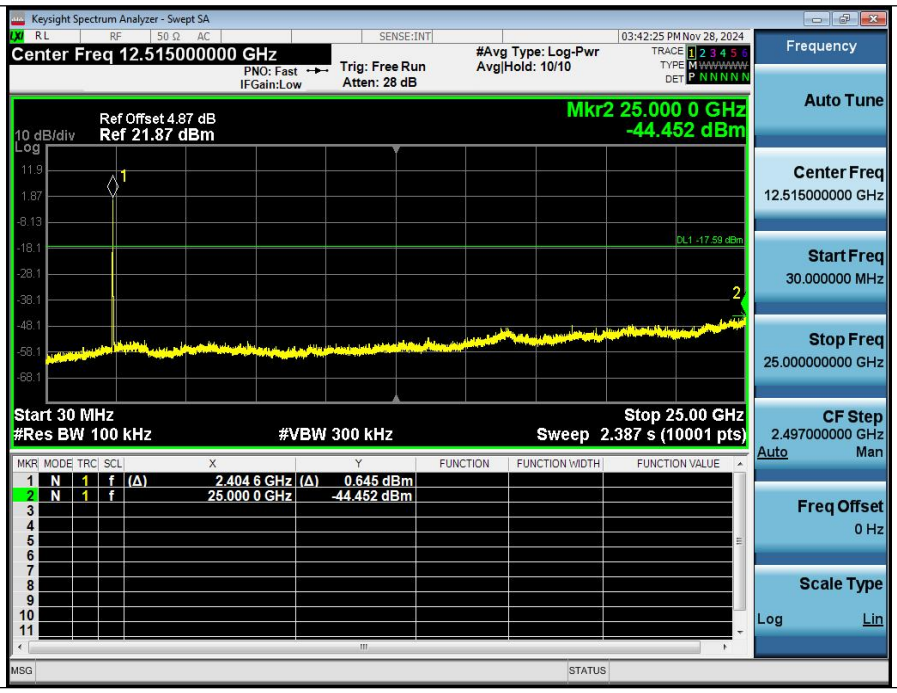
2_Spurious_Emission_NVNT_ANT1_802_11b_2462



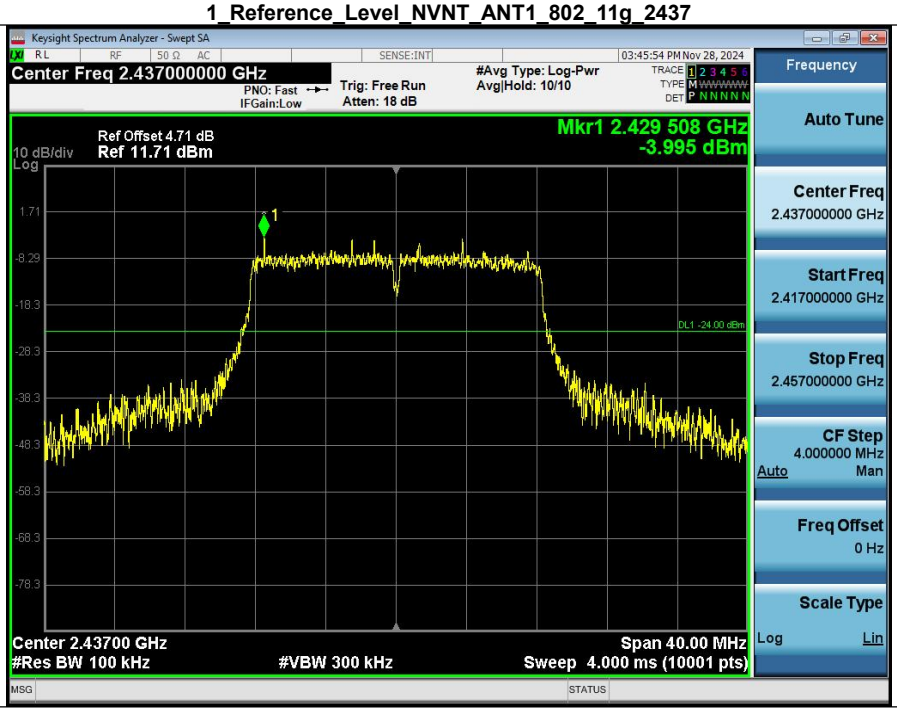
1_Reference_Level_NVNT_ANT1_802_11g_2412



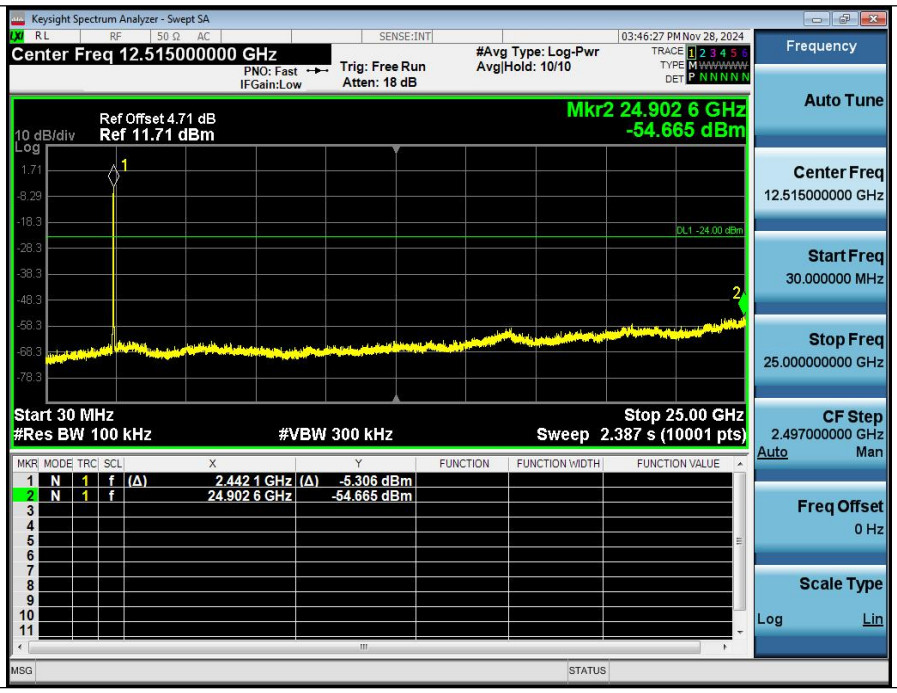
2_Spurious_Emission_NVNT_ANT1_802_11g_2412



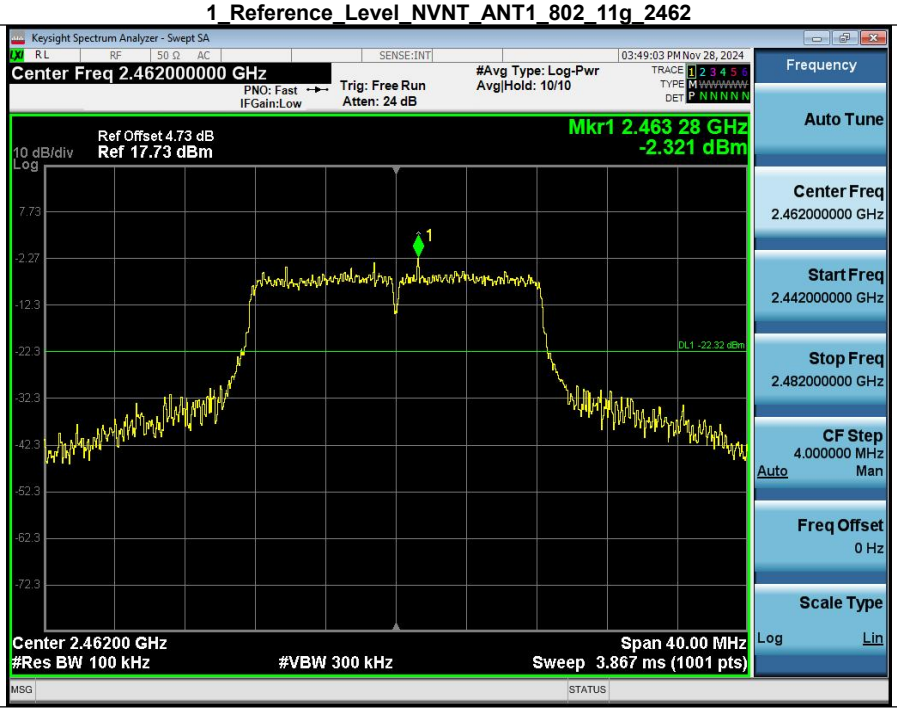
1_Reference_Level_NVNT_ANT1_802_11g_2437



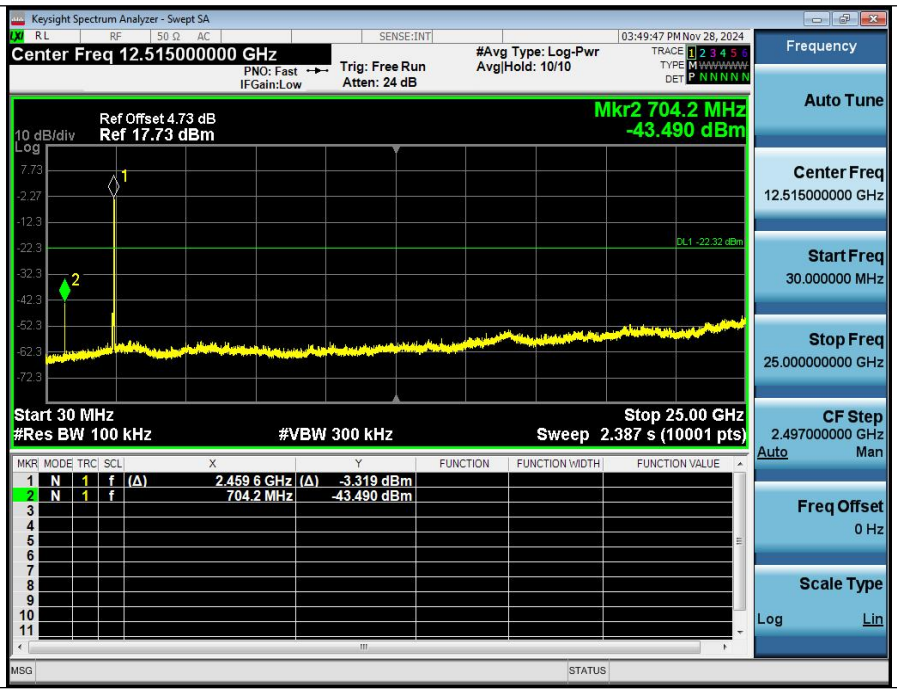
2_Spurious_Emission_NVNT_ANT1_802_11g_2437



1_Reference_Level_NVNT_ANT1_802_11g_2462

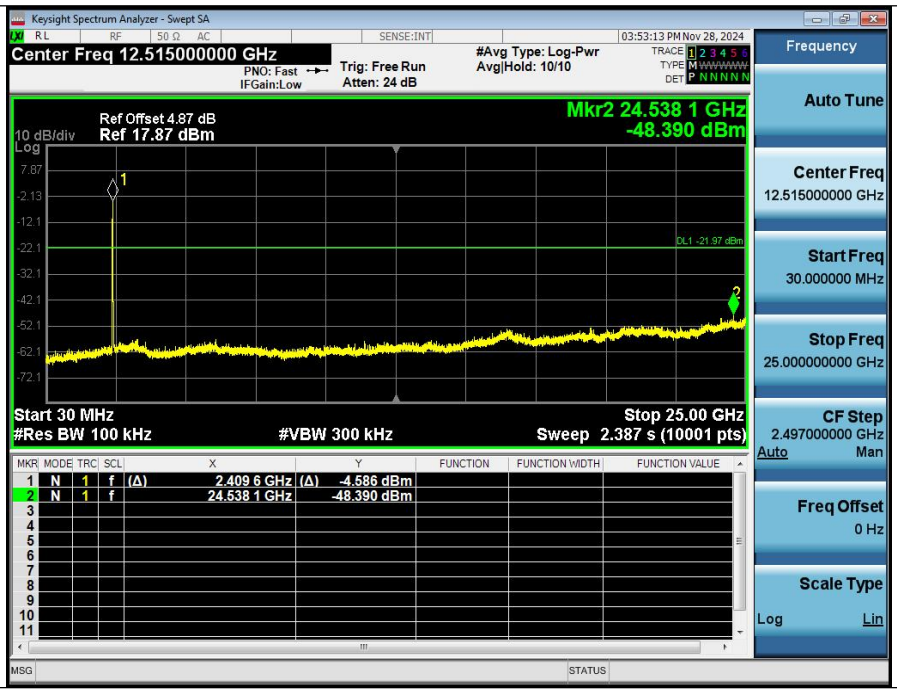


2_Spurious_Emission_NVNT_ANT1_802_11g_2462

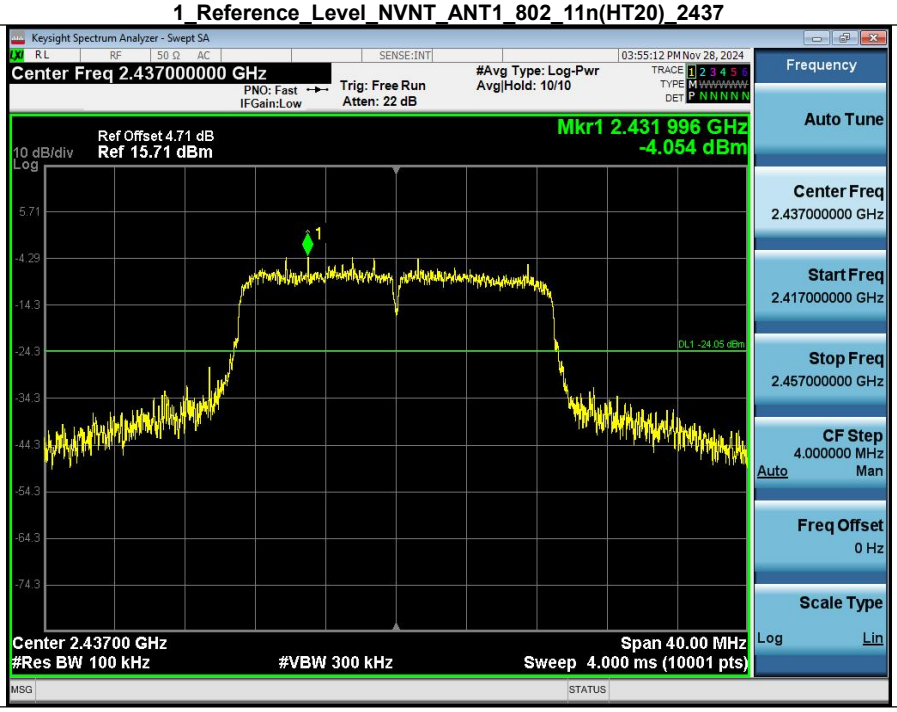


1_Reference_Level_NVNT_ANT1_802_11n(HT20)_2412

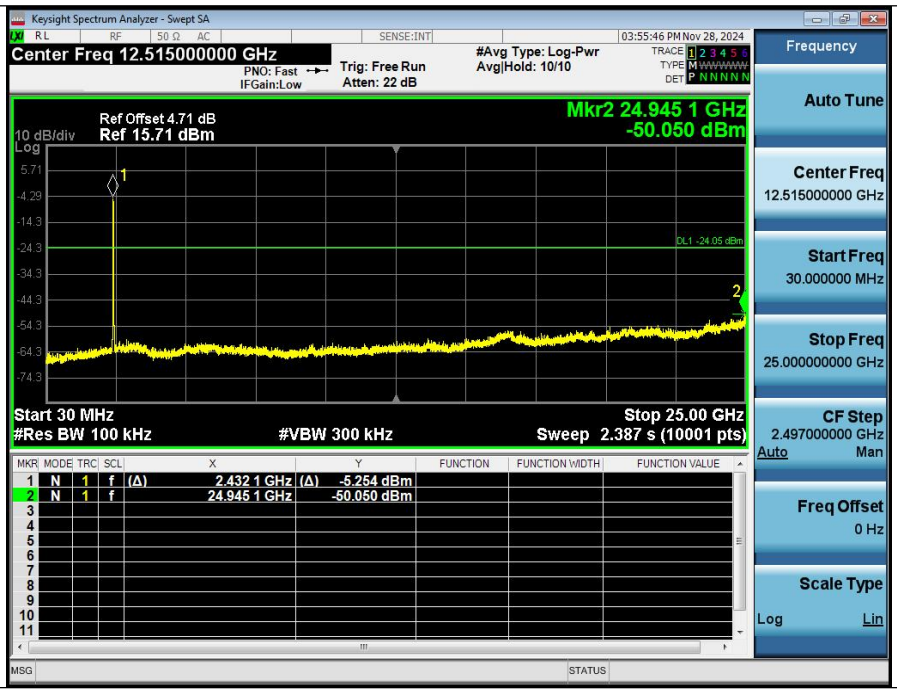
2_Spurious_Emission_NVNT_ANT1_802_11n(HT20)_2412



1_Reference_Level_NVNT_ANT1_802_11n(HT20)_2437

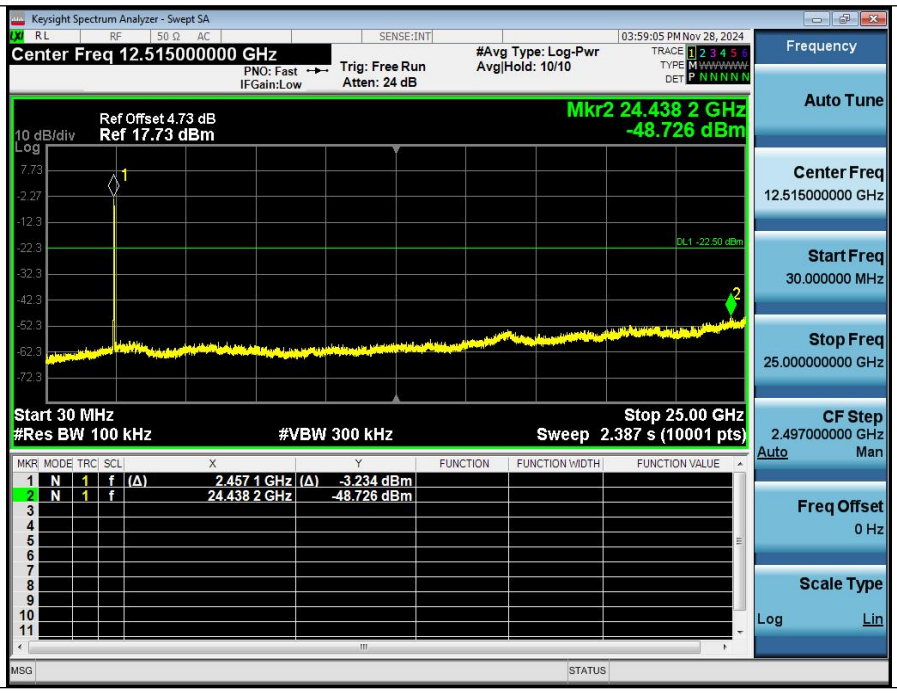


2_Spurious_Emission_NVNT_ANT1_802_11n(HT20)_2437

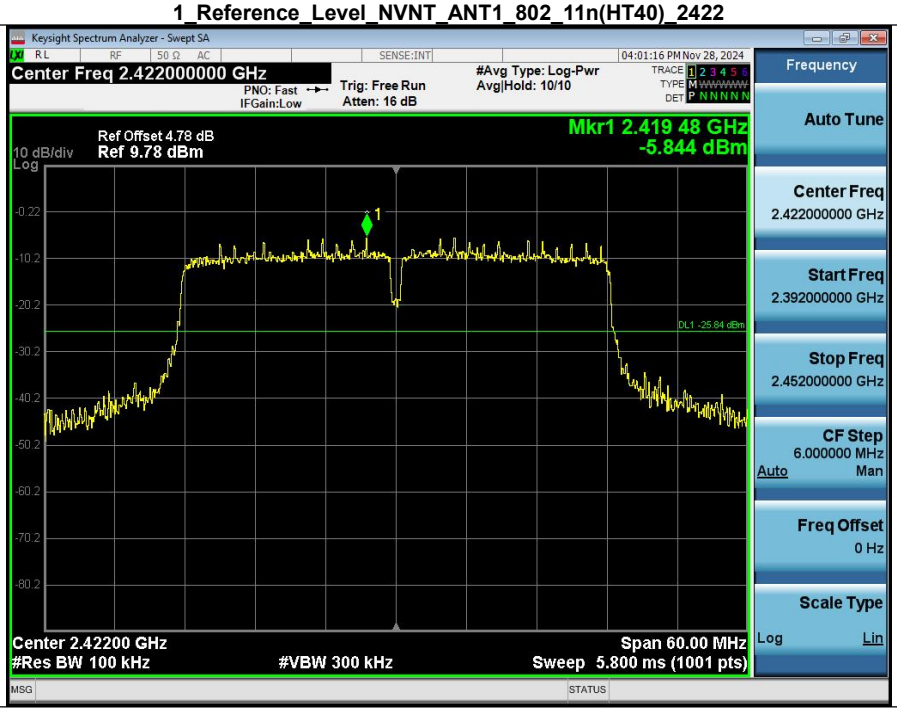


1_Reference_Level_NVNT_ANT1_802_11n(HT20)_2462

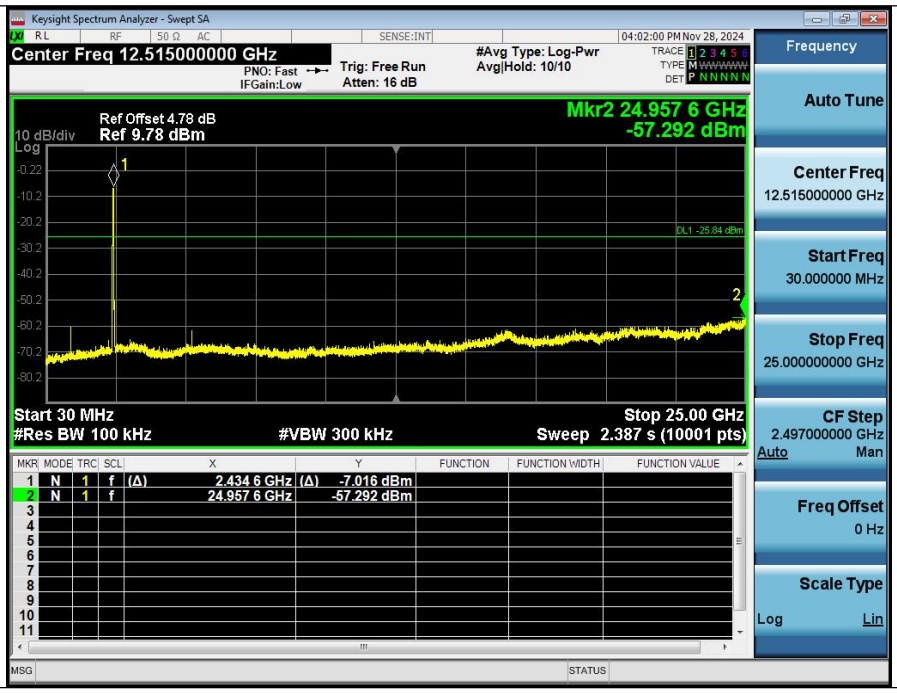
2_Spurious_Emission_NVNT_ANT1_802_11n(HT20)_2462



1_Reference_Level_NVNT_ANT1_802_11n(HT40)_2422

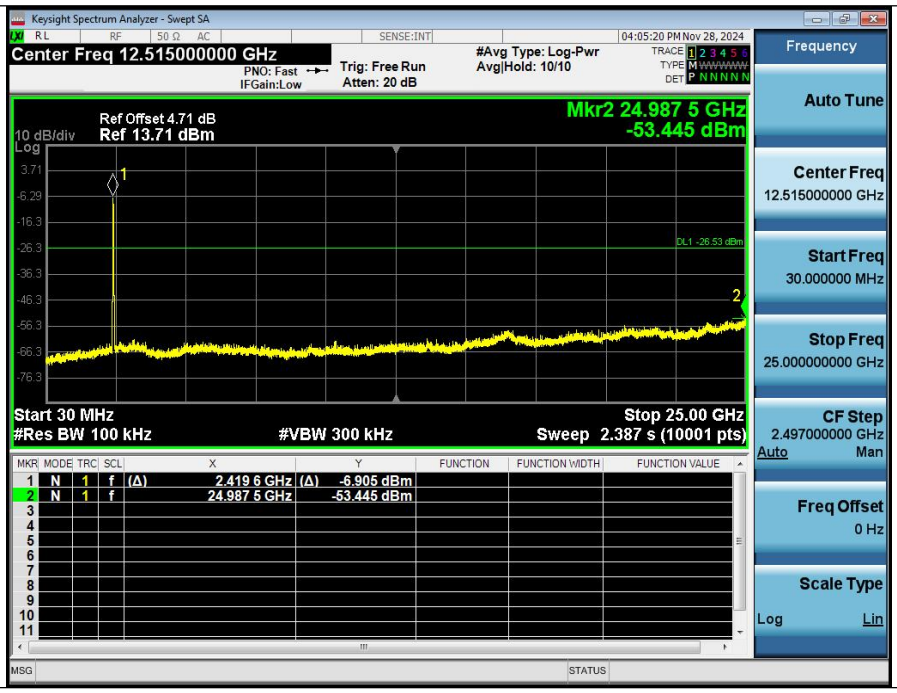


2_Spurious_Emission_NVNT_ANT1_802_11n(HT40)_2422

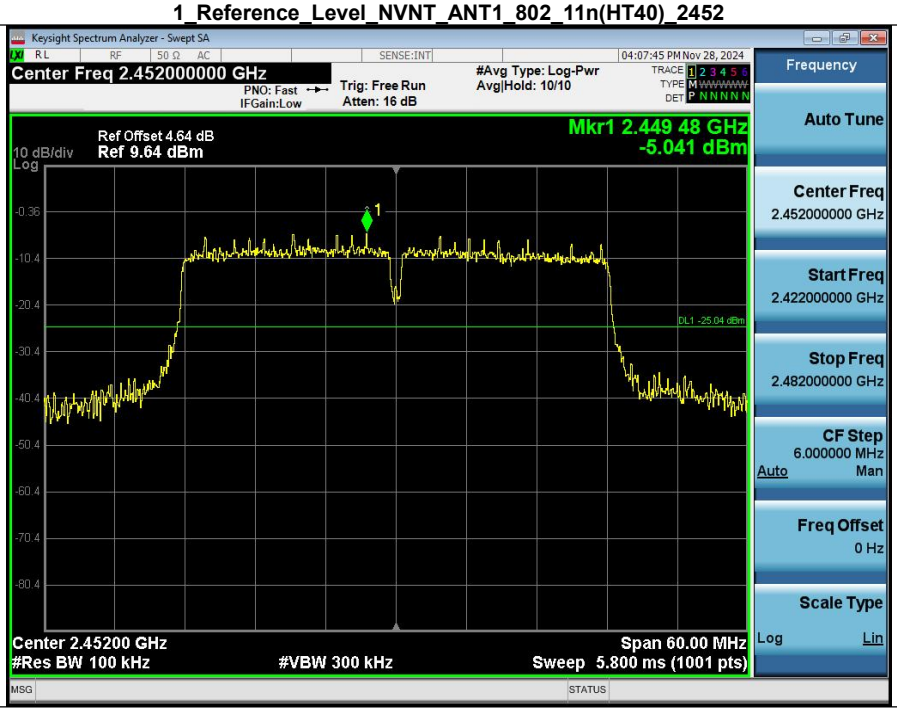


1_Reference_Level_NVNT_ANT1_802_11n(HT40)_2437

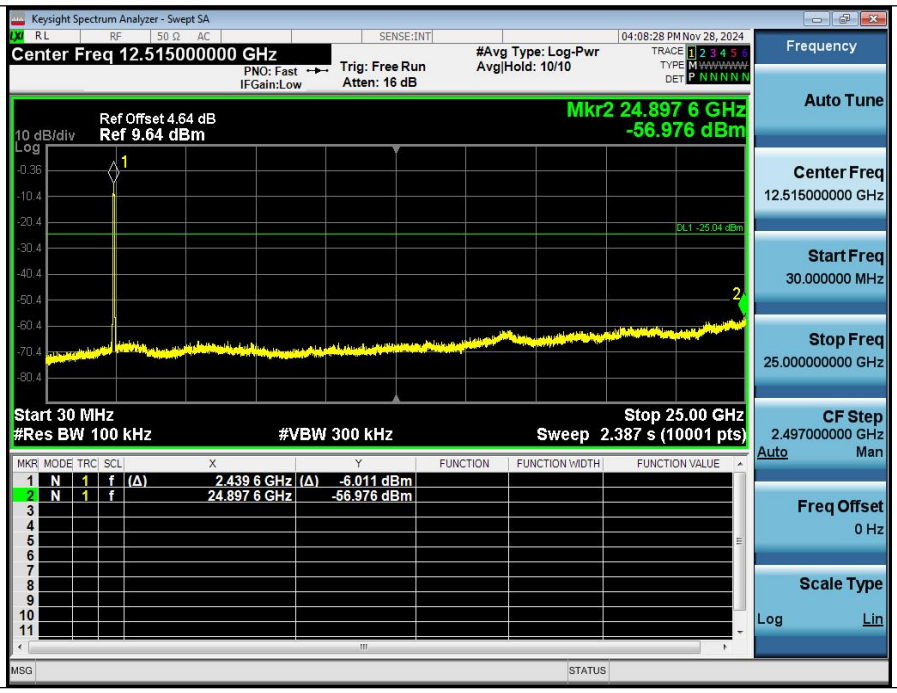
2_Spurious_Emission_NVNT_ANT1_802_11n(HT40)_2437



1_Reference_Level_NVNT_ANT1_802_11n(HT40)_2452



2_Spurious_Emission_NVNT_ANT1_802_11n(HT40)_2452


Keysight Spectrum Analyzer - Swept SA
Center Freq 12.515000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 16 dB
#Avg Type: Log-Pwr
Avg|Hold: 10/10
04:08:28 PM Nov 28, 2024
Ref Offset 4.64 dB
10 dB/div
Ref 9.64 dBm
Mkr2 24.897 6 GHz
-56.976 dBm
DL1 -25.04 dBm
Start 30 MHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 25.00 GHz
Sweep 2.387 s (10001 pts)
1 N 1 f (Δ) 2.439 6 GHz (Δ) -6.011 dBm
2 N 1 f 24.897 6 GHz -56.976 dBm
Frequency
Auto Tune
Center Freq
12.515000000 GHz
Start Freq
30.000000 MHz
Stop Freq
25.000000000 GHz
CF Step
2.497000000 GHz
Auto Man
Freq Offset
0 Hz
Scale Type
Log Lin