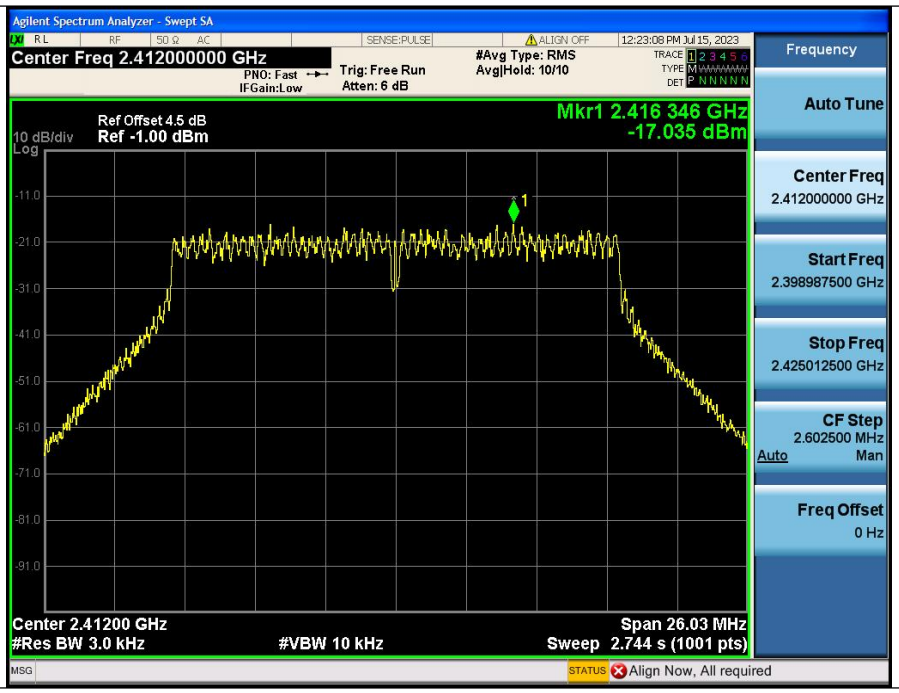
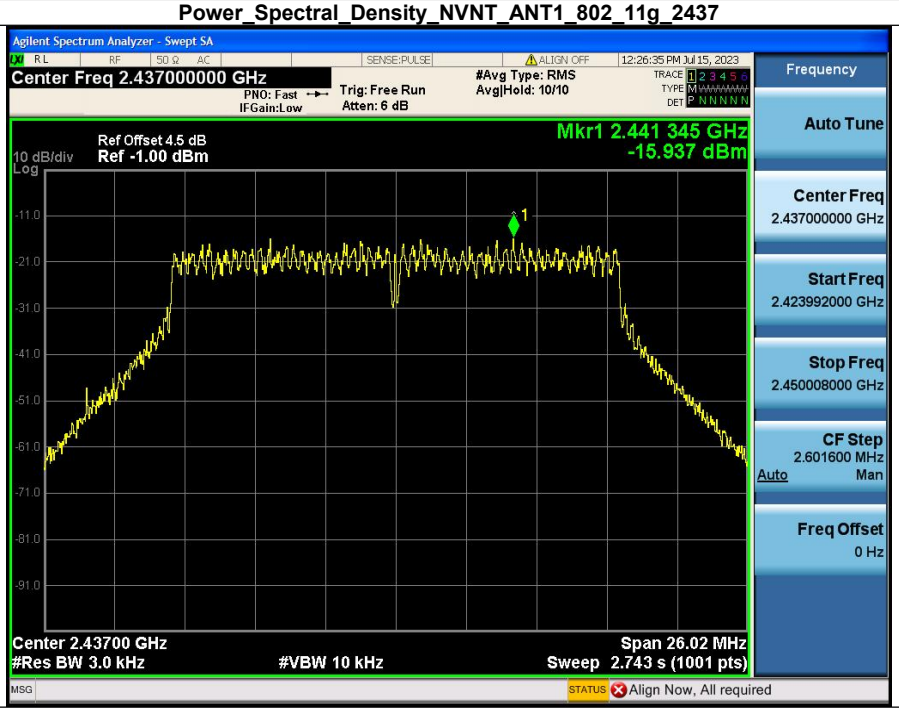
Power_Spectral_Density_NVNT_ANT1_802_11b_2462

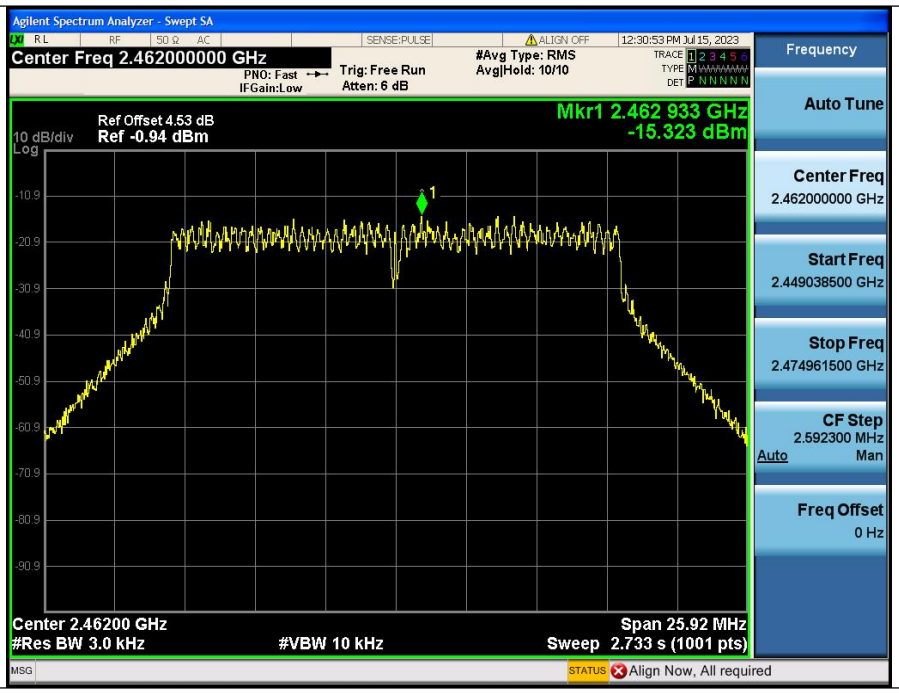
Power_Spectral_Density_NVNT_ANT1_802_11g_2412



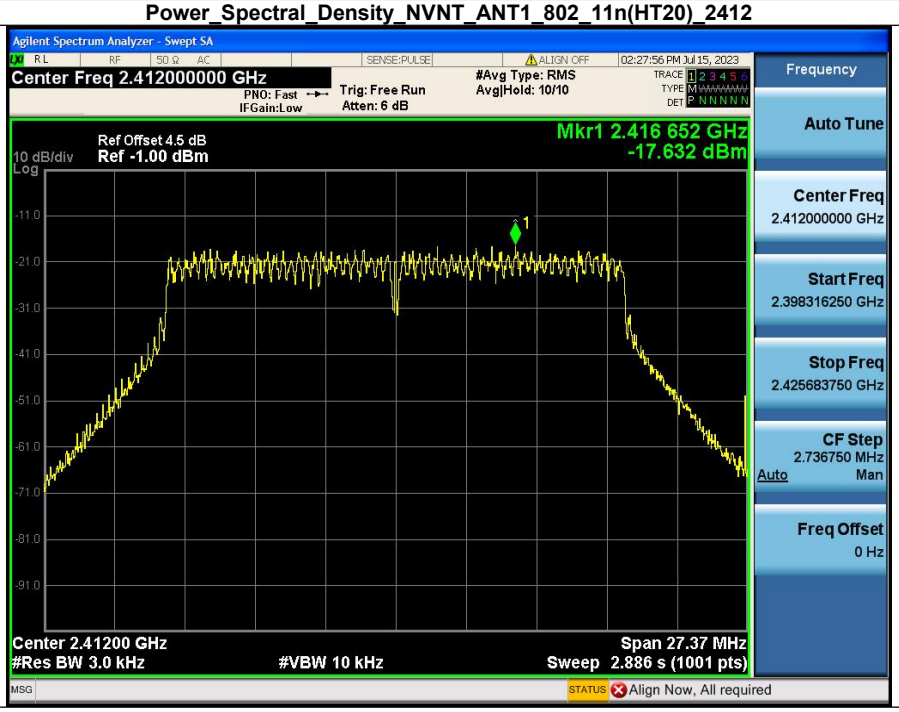
Power_Spectral_Density_NVNT_ANT1_802_11g_2437



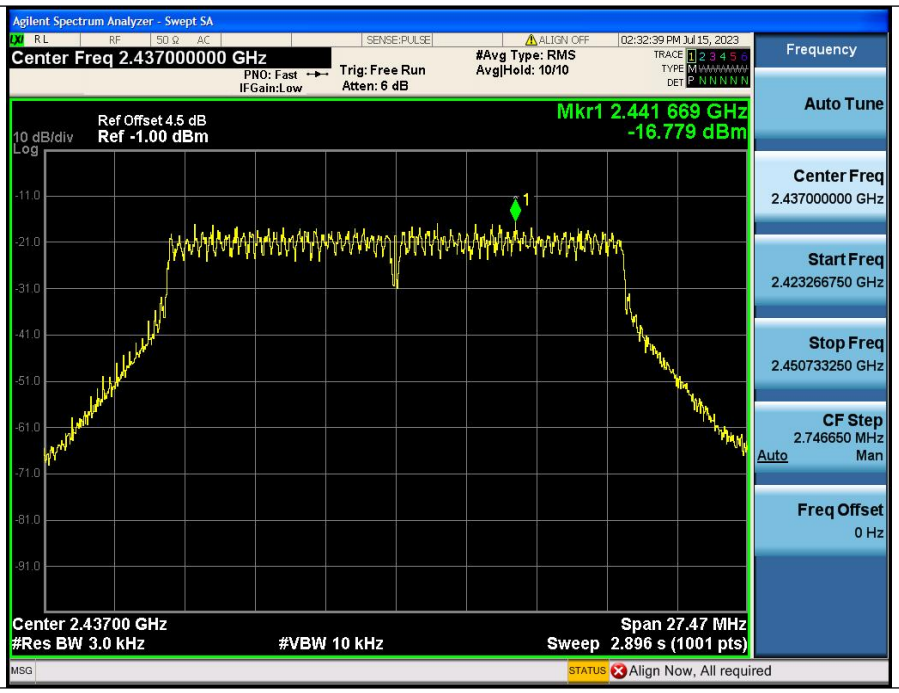
Power_Spectral_Density_NVNT_ANT1_802_11g_2462



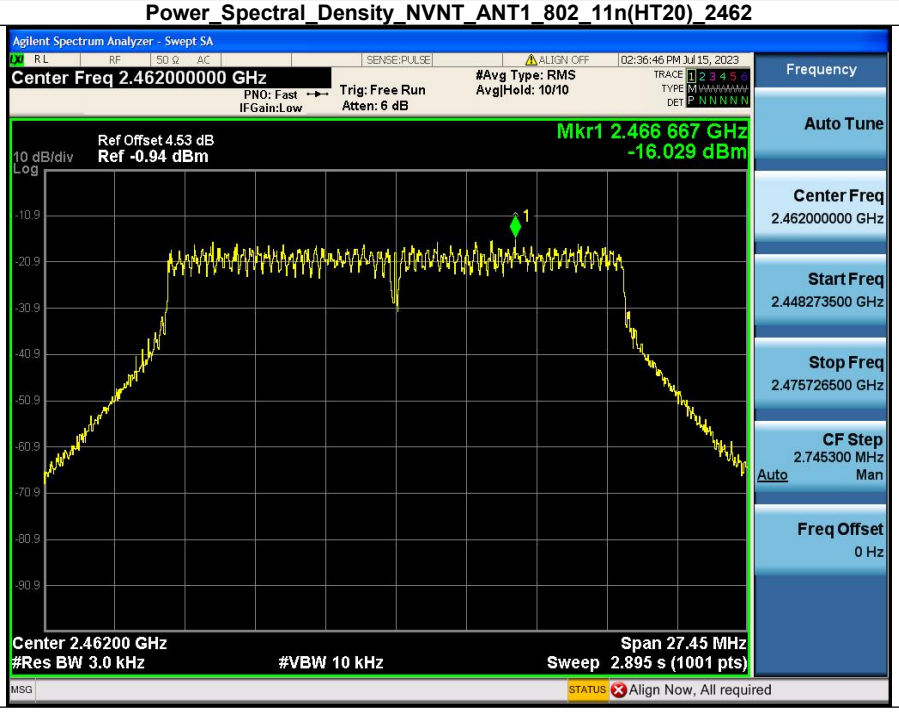
Power_Spectral_Density_NVNT_ANT1_802_11n(HT20)_2412



Power_Spectral_Density_NVNT_ANT1_802_11n(HT20)_2437

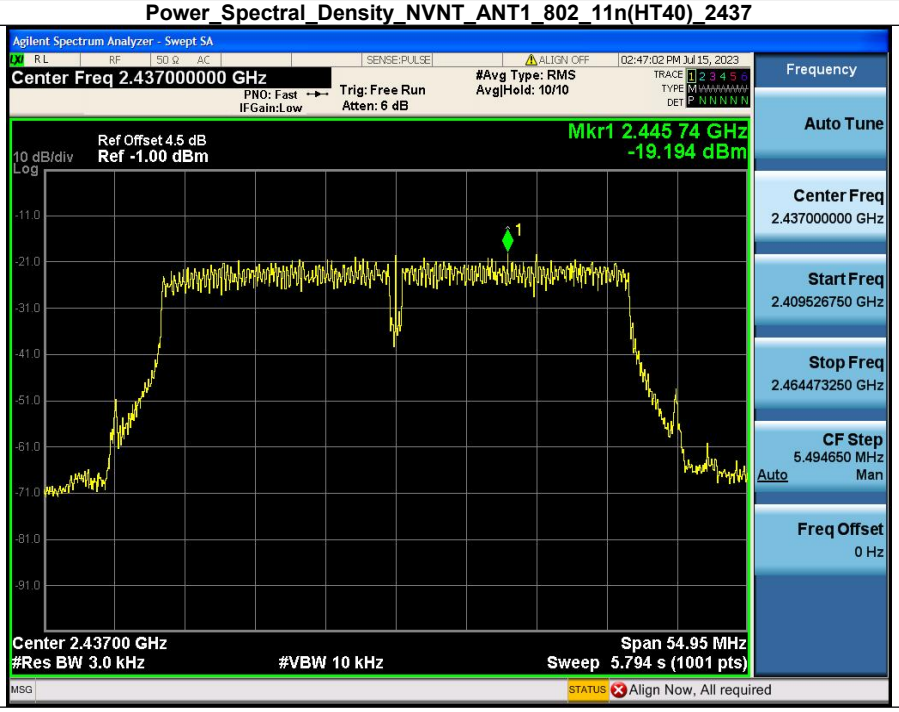


Power_Spectral_Density_NVNT_ANT1_802_11n(HT20)_2462



Power_Spectral_Density_NVNT_ANT1_802_11n(HT40)_2422

Power_Spectral_Density_NVNT_ANT1_802_11n(HT40)_2437



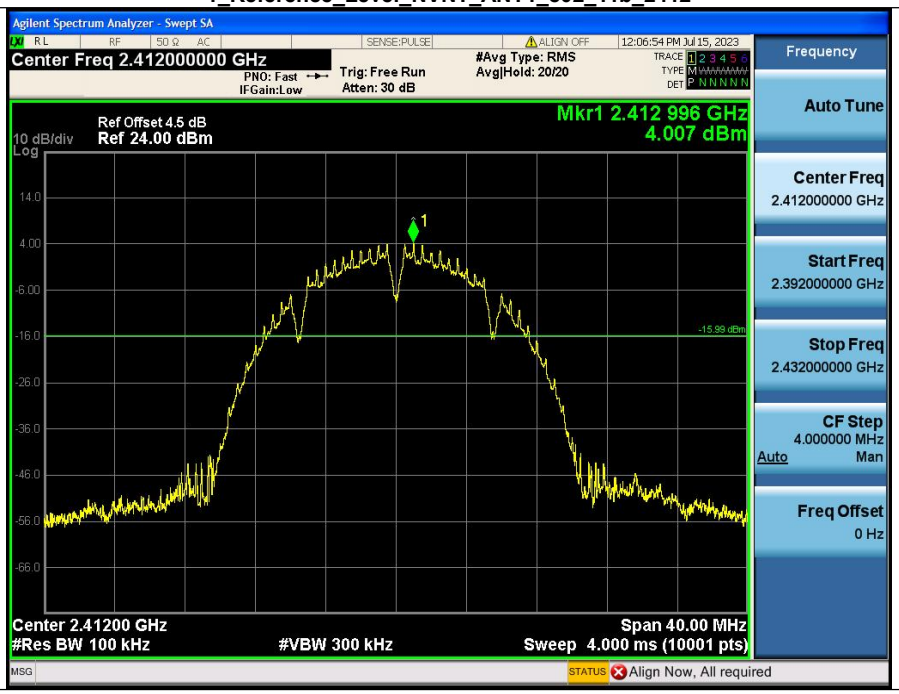
Power_Spectral_Density_NVNT_ANT1_802_11n(HT40)_2452

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.452000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 6 dB
#Avg Type: RMS
Avg|Hold: 10/10
02:51:37 PM Jul 15, 2023
Ref Offset 4.53 dB
10 dB/div
Ref -0.94 dBm
Log
Mkr1 2.460 75 GHz
-18.770 dBm
Center 2.45200 GHz
#Res BW 3.0 kHz
#VBW 10 kHz
Span 55.01 MHz
Sweep 5.801 s (1001 pts)
Frequency
Auto Tune
Center Freq
2.452000000 GHz
Start Freq
2.424493000 GHz
Stop Freq
2.479507000 GHz
CF Step
5.501400 MHz
Auto
Man
Freq Offset
0 Hz
Align Now, All required

5. Spurious Emission

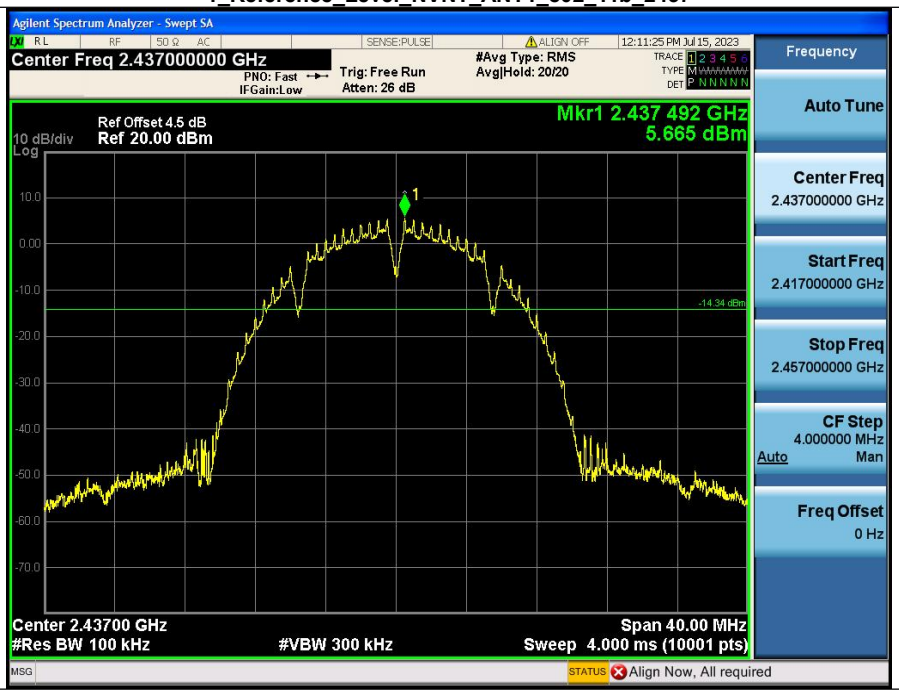
Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark_frequency(MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11b	2412.00	24852.677	-45.863	-15.993	Pass
NVNT	ANT1	802.11b	2437.00	2524.503	-49.635	-14.335	Pass
NVNT	ANT1	802.11b	2462.00	2524.503	-50.820	-13.511	Pass
NVNT	ANT1	802.11g	2412.00	2524.503	-50.801	-22.934	Pass
NVNT	ANT1	802.11g	2437.00	2524.503	-50.450	-22.283	Pass
NVNT	ANT1	802.11g	2462.00	2524.503	-50.286	-21.652	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	2524.503	-50.916	-22.585	Pass
NVNT	ANT1	802.11n(HT20)	2437.00	2524.503	-50.620	-22.495	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	2524.503	-50.760	-21.371	Pass
NVNT	ANT1	802.11n(HT40)	2422.00	2524.503	-50.761	-25.431	Pass
NVNT	ANT1	802.11n(HT40)	2437.00	2524.503	-50.529	-24.945	Pass
NVNT	ANT1	802.11n(HT40)	2452.00	2524.503	-50.385	-24.467	Pass

1_Reference_Level_NVNT_ANT1_802_11b_2412



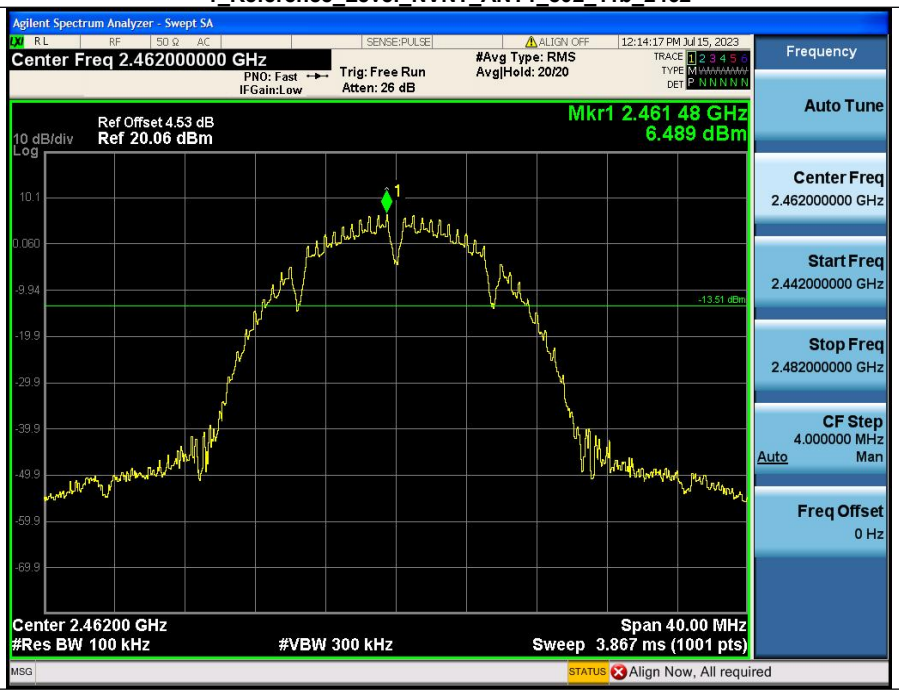
2_Spurious_Emission_NVNT_ANT1_802_11b_2412

1_Reference_Level_NVNT_ANT1_802_11b_2437



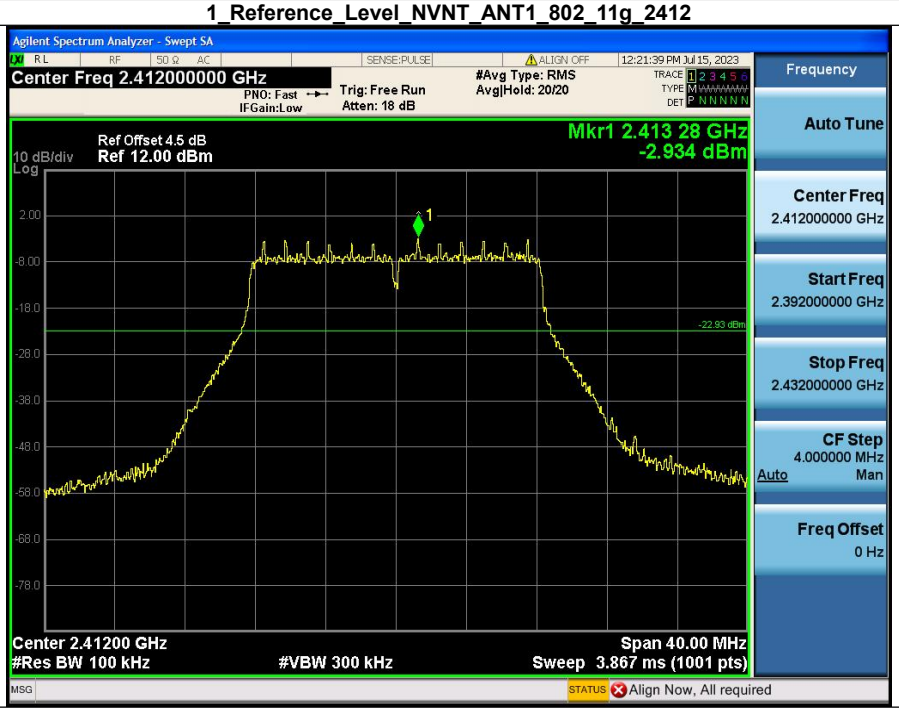
2_Spurious_Emission_NVNT_ANT1_802_11b_2437

1_Reference_Level_NVNT_ANT1_802_11b_2462



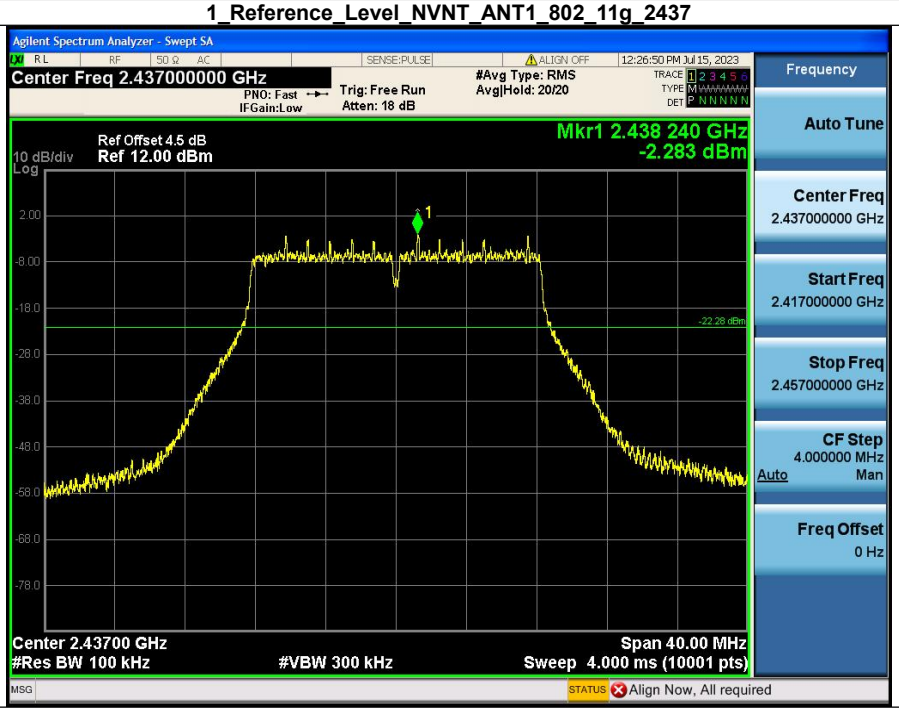
2_Spurious_Emission_NVNT_ANT1_802_11b_2462

1_Reference_Level_NVNT_ANT1_802_11g_2412



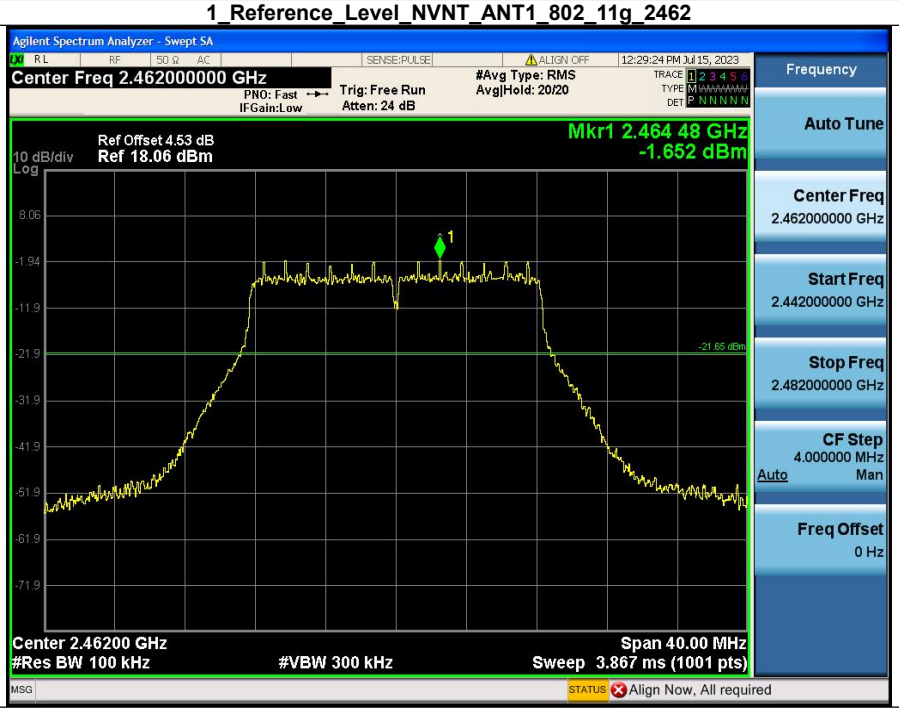
2_Spurious_Emission_NVNT_ANT1_802_11g_2412

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

Agilent Spectrum Analyzer - Swept SA
Center Freq 12.515000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 12 dB
#Avg Type: RMS
Avg|Hold: 5/5
02:52:39 PM Jul 15, 2023
Ref Offset 4.53 dB
10 dB/div
Ref 5.53 dBm
Log
Mkr2 2.524 5 GHz
-50.385 dBm
-24.47 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 2.447 1 GHz -5.256 dBm
2 N 1 f 2.524 5 GHz -50.385 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
Align Now, All required