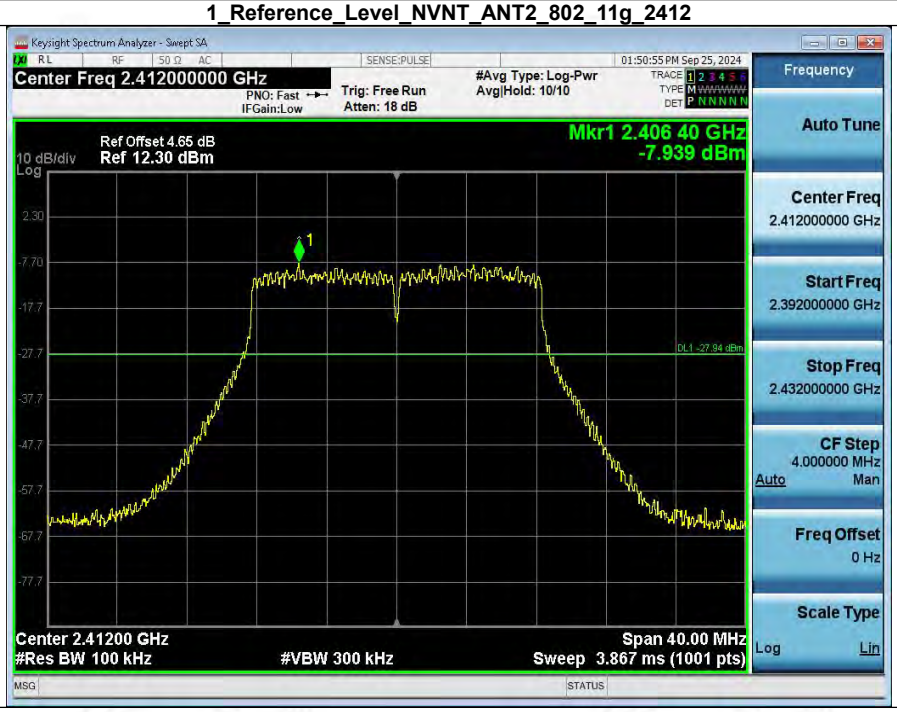
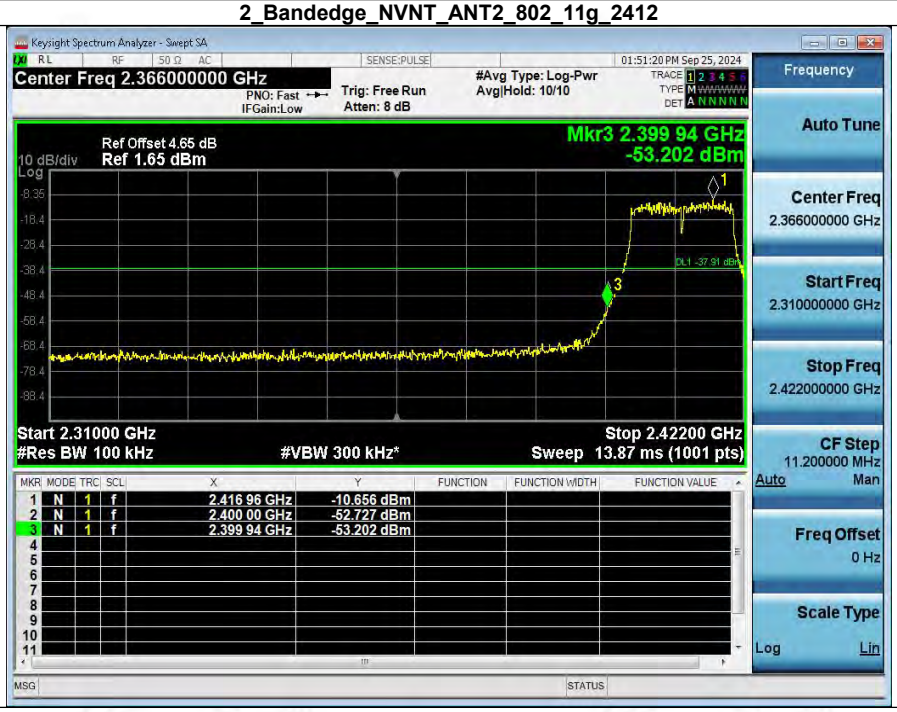
1_Reference_Level_NVNT_ANT2_802_11g_2412



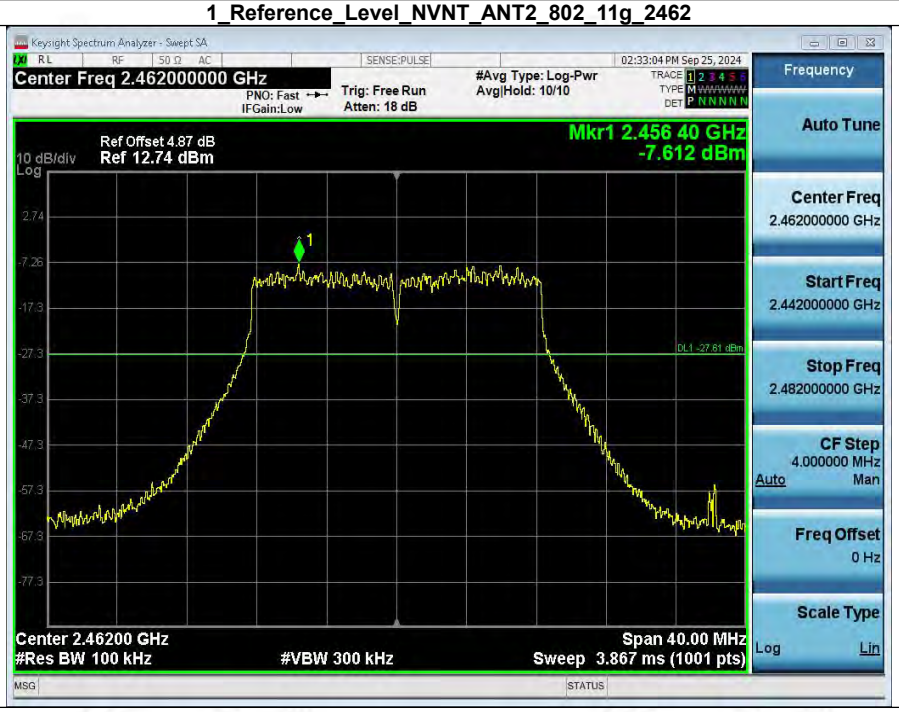
2_Bandedge_NVNT_ANT1_802_11g_2412

2_Bandedge_NVNT_ANT2_802_11g_2412



1_Reference_Level_NVNT_ANT1_802_11g_2462

1_Reference_Level_NVNT_ANT2_802_11g_2462

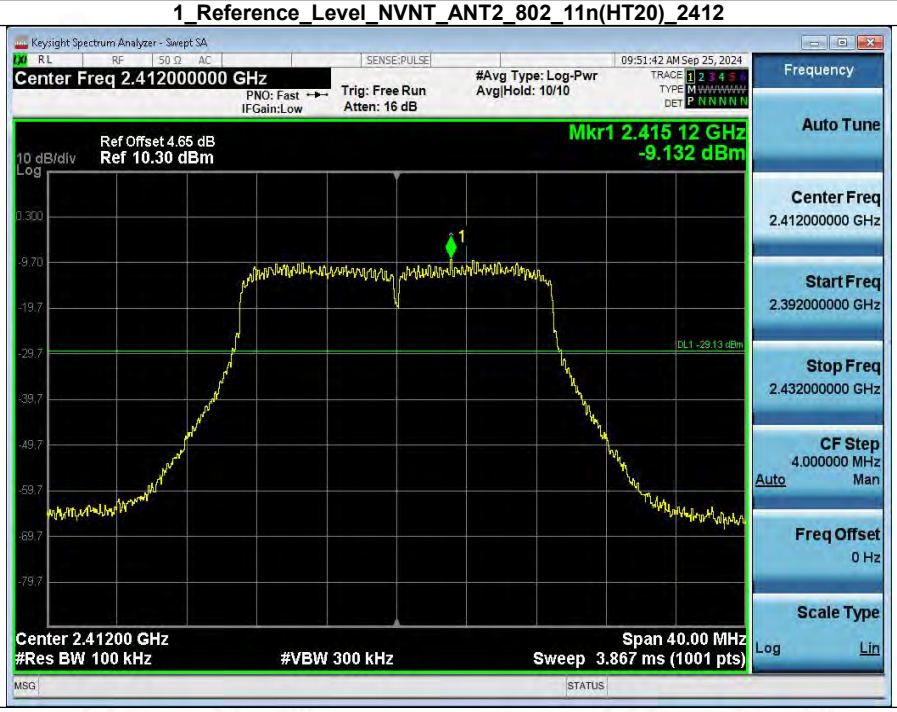


2_Bandedge_NVNT_ANT1_802_11g_2462

2_Bandedge_NVNT_ANT2_802_11g_2462

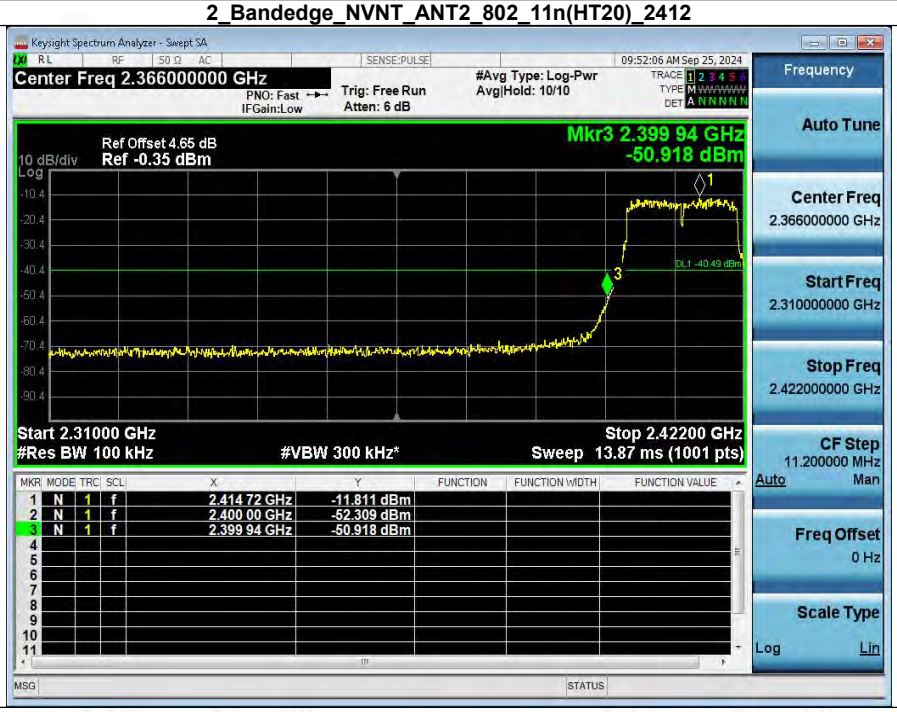
1_Reference_Level_NVNT_ANT1_802_11n(HT20)_2412

1_Reference_Level_NVNT_ANT2_802_11n(HT20)_2412



2_Bandedge_NVNT_ANT1_802_11n(HT20)_2412

2_Bandedge_NVNT_ANT2_802_11n(HT20)_2412

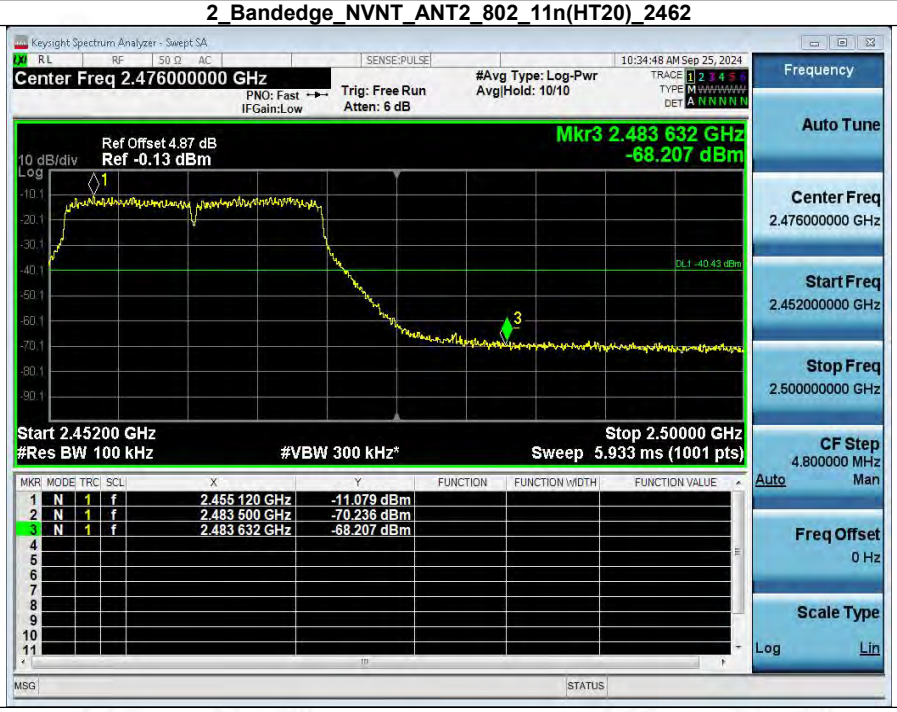


1_Reference_Level_NVNT_ANT1_802_11n(HT20)_2462

1_Reference_Level_NVNT_ANT2_802_11n(HT20)_2462

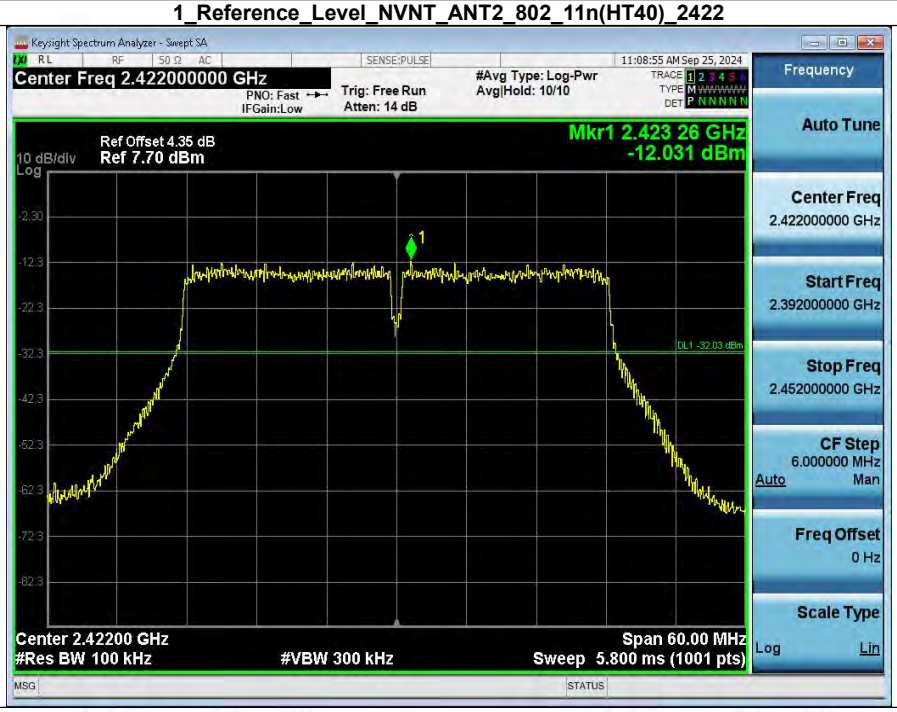
2_Bandedge_NVNT_ANT1_802_11n(HT20)_2462

2_Bandedge_NVNT_ANT2_802_11n(HT20)_2462

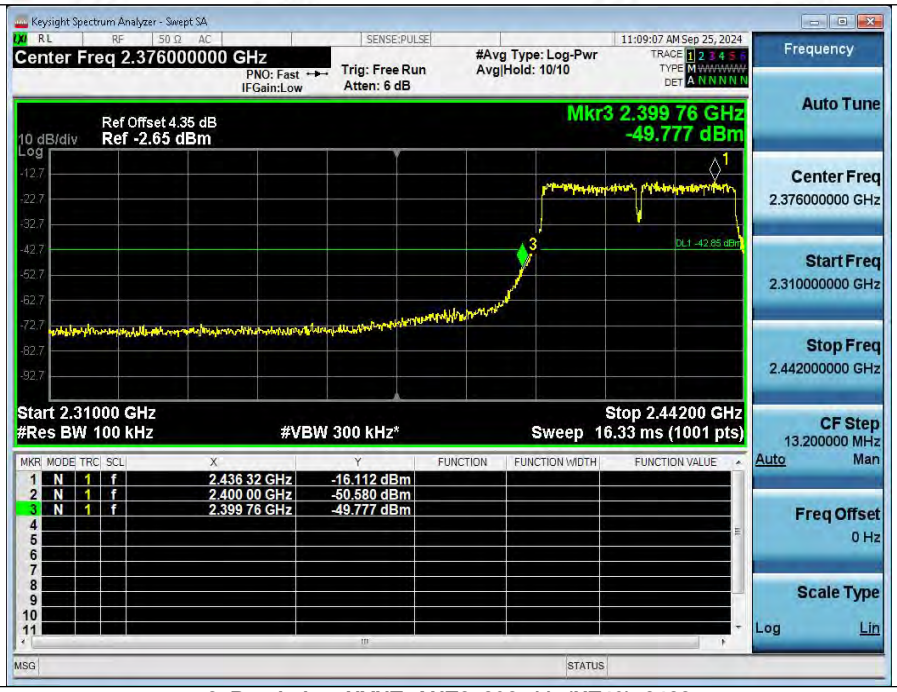


1_Reference_Level_NVNT_ANT1_802_11n(HT40)_2422

1_Reference_Level_NVNT_ANT2_802_11n(HT40)_2422



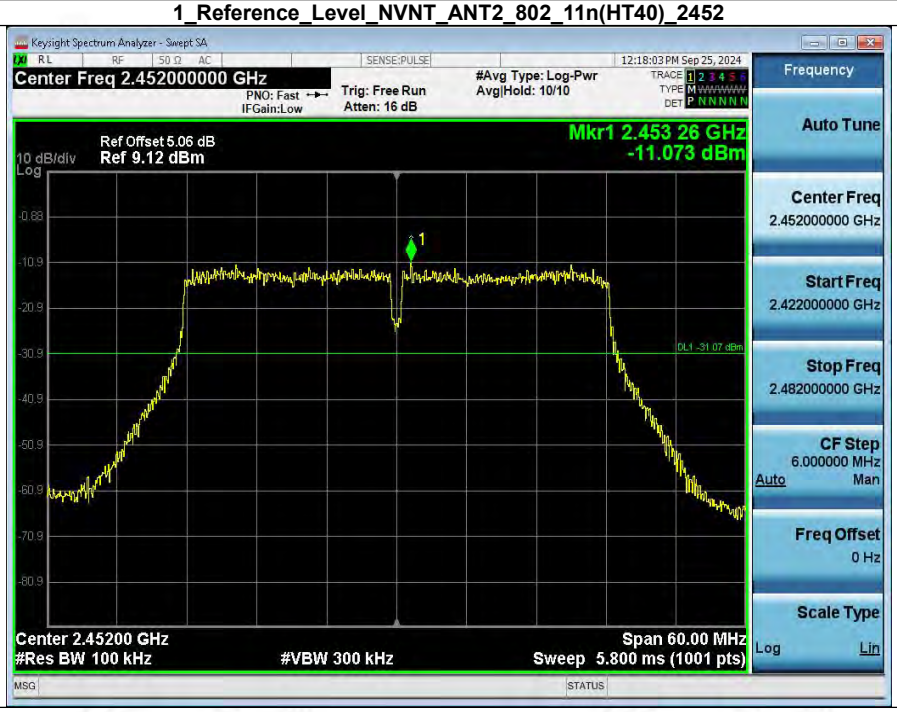
2_Bandedge_NVNT_ANT1_802_11n(HT40)_2422



2_Bandedge_NVNT_ANT2_802_11n(HT40)_2422

1_Reference_Level_NVNT_ANT1_802_11n(HT40)_2452

1_Reference_Level_NVNT_ANT2_802_11n(HT40)_2452



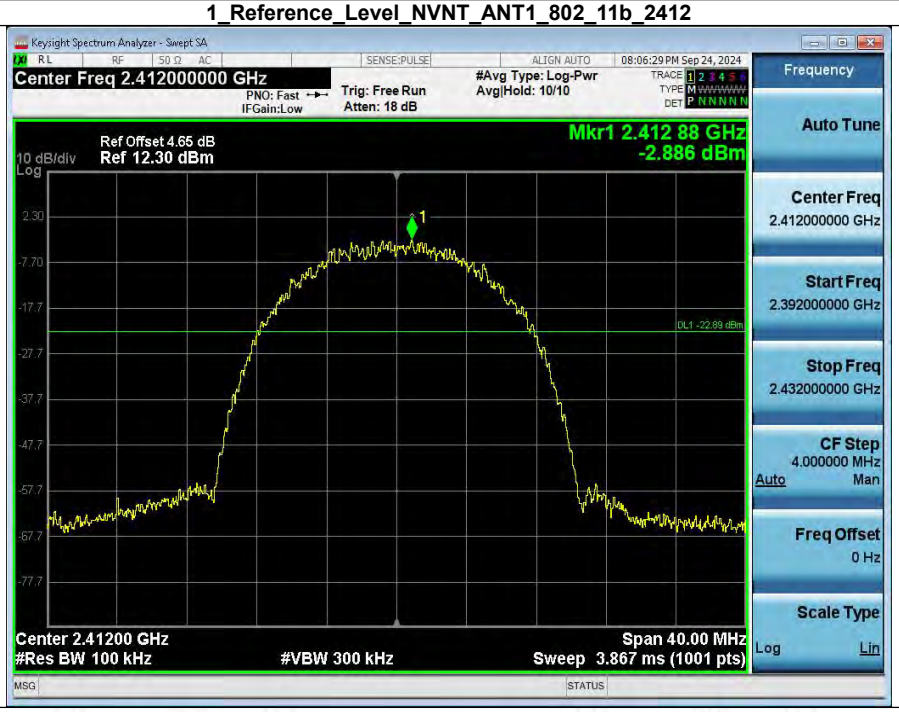
2_Bandedge_NVNT_ANT1_802_11n(HT40)_2452

2_Bandedge_NVNT_ANT2_802_11n(HT40)_2452

7. Spurious Emission

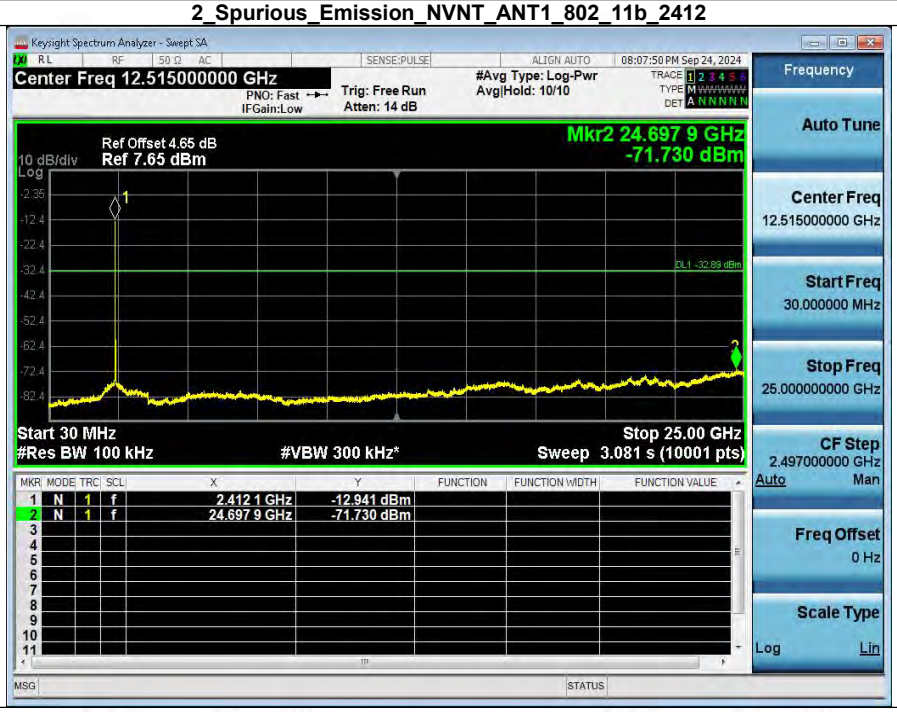
Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark_frequency(MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11b	2412.00	24697.863	-71.730	-32.886	Pass
NVNT	ANT2	802.11b	2412.00	24740.312	-72.070	-32.886	Pass
NVNT	ANT1	802.11b	2437.00	24747.803	-71.373	-32.924	Pass
NVNT	ANT2	802.11b	2437.00	24730.324	-70.630	-32.924	Pass
NVNT	ANT1	802.11b	2462.00	24805.234	-71.742	-32.762	Pass
NVNT	ANT2	802.11b	2462.00	24692.869	-71.621	-32.762	Pass
NVNT	ANT1	802.11g	2412.00	24750.300	-77.942	-37.910	Pass
NVNT	ANT2	802.11g	2412.00	2239.845	-77.169	-37.910	Pass
NVNT	ANT1	802.11g	2437.00	24755.294	-77.582	-37.630	Pass
NVNT	ANT2	802.11g	2437.00	24722.833	-77.215	-37.630	Pass
NVNT	ANT1	802.11g	2462.00	24840.192	-71.835	-37.803	Pass
NVNT	ANT2	802.11g	2462.00	24752.797	-71.813	-37.803	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	2222.366	-79.330	-40.488	Pass
NVNT	ANT2	802.11n(HT20)	2412.00	2239.845	-78.003	-40.488	Pass
NVNT	ANT1	802.11n(HT20)	2437.00	24745.306	-73.261	-39.845	Pass
NVNT	ANT2	802.11n(HT20)	2437.00	24670.396	-73.847	-39.845	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	2514.515	-79.611	-40.431	Pass
NVNT	ANT2	802.11n(HT20)	2462.00	2239.845	-77.859	-40.431	Pass
NVNT	ANT1	802.11n(HT40)	2422.00	2502.030	-79.389	-42.850	Pass
NVNT	ANT2	802.11n(HT40)	2422.00	2197.396	-78.517	-42.850	Pass
NVNT	ANT1	802.11n(HT40)	2437.00	24782.761	-75.810	-42.891	Pass
NVNT	ANT2	802.11n(HT40)	2437.00	24717.839	-75.628	-42.891	Pass
NVNT	ANT1	802.11n(HT40)	2452.00	2279.797	-78.589	-42.656	Pass
NVNT	ANT2	802.11n(HT40)	2452.00	2239.845	-76.848	-42.656	Pass

1_Reference_Level_NVNT_ANT1_802_11b_2412

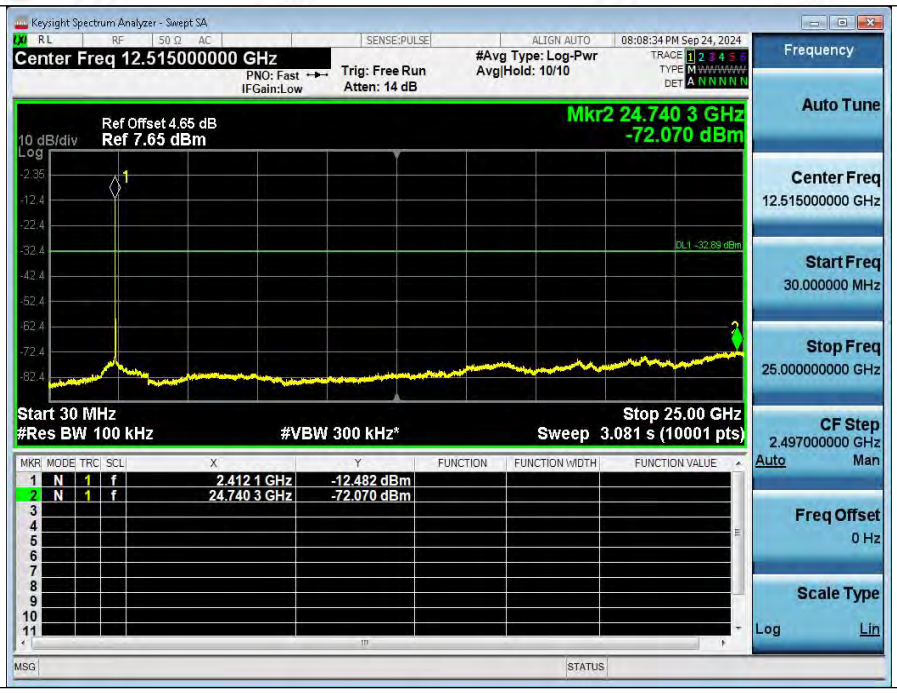


1_Reference_Level_NVNT_ANT2_802_11b_2412

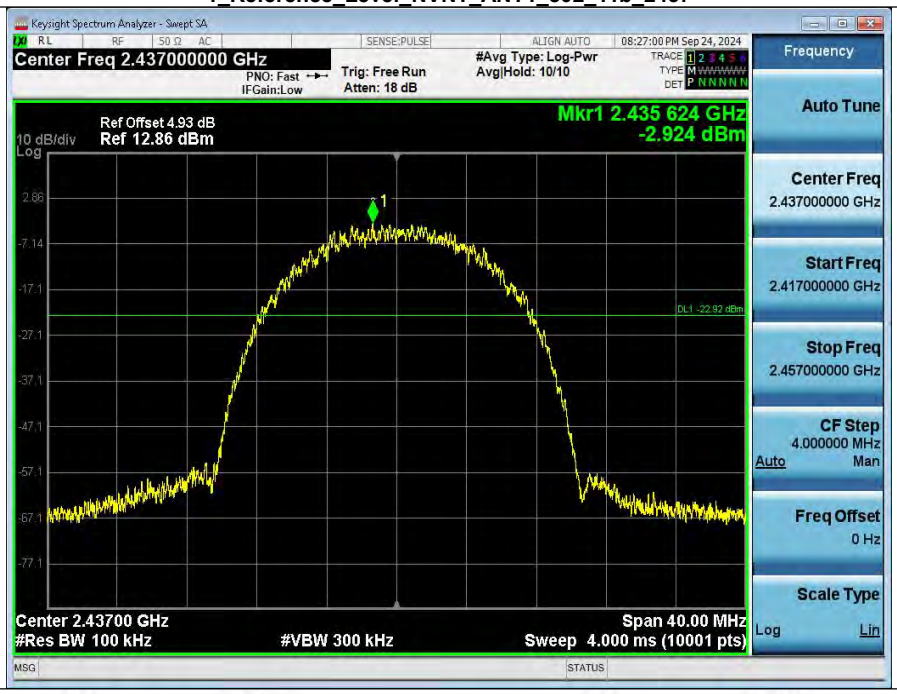
2_Spurious_Emission_NVNT_ANT1_802_11b_2412



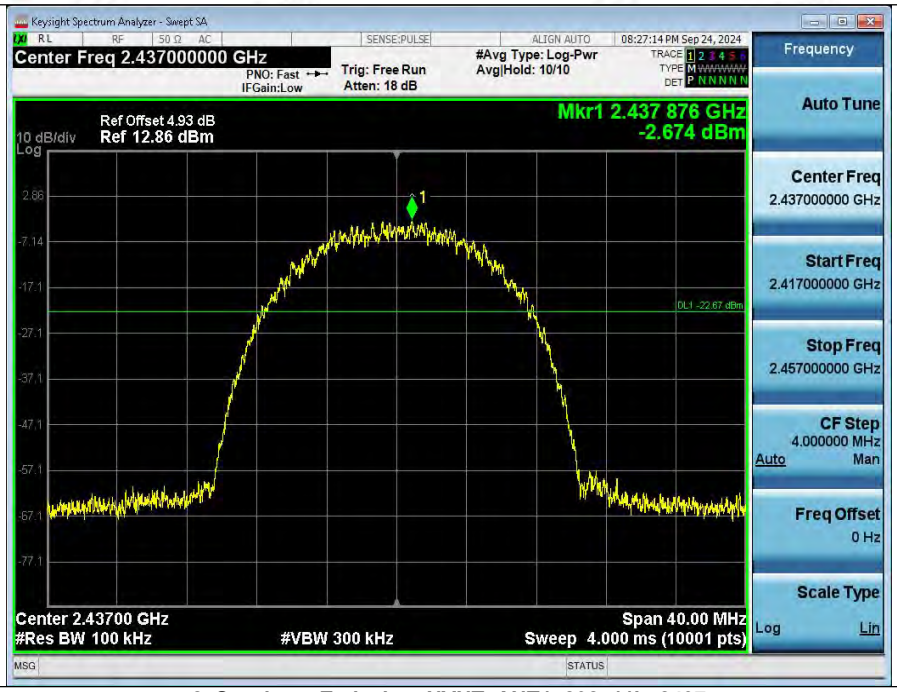
2_Spurious_Emission_NVNT_ANT2_802_11b_2412



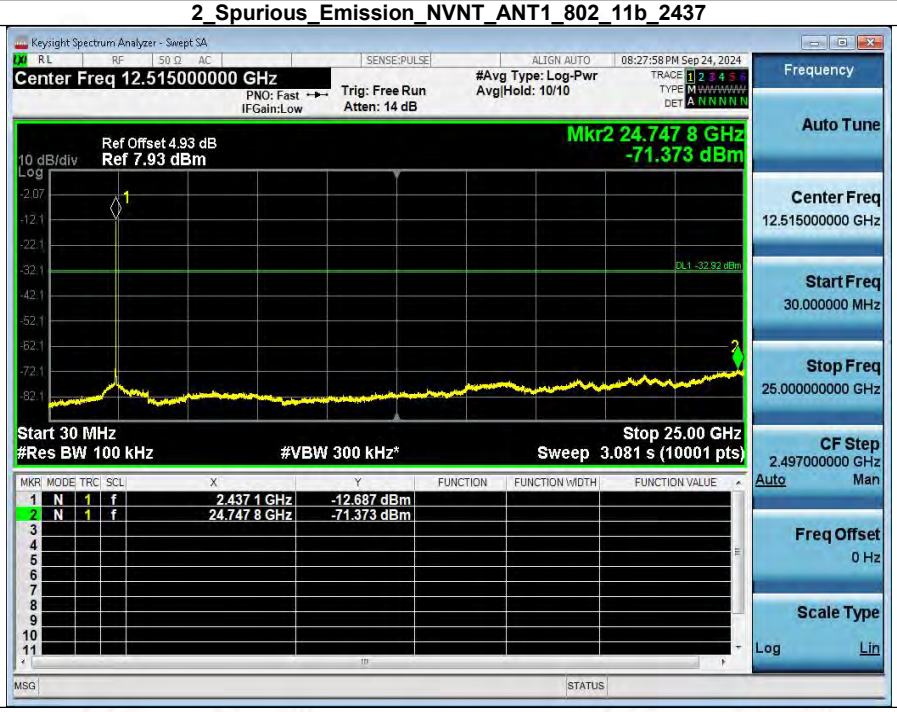
1_Reference_Level_NVNT_ANT1_802_11b_2437



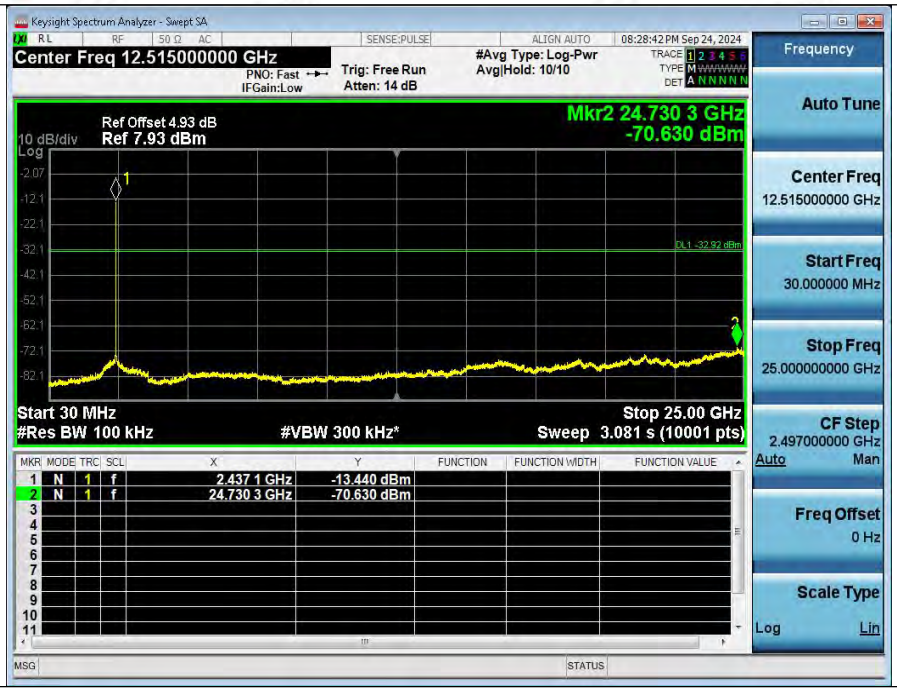
1_Reference_Level_NVNT_ANT2_802_11b_2437



2_Spurious_Emission_NVNT_ANT1_802_11b_2437



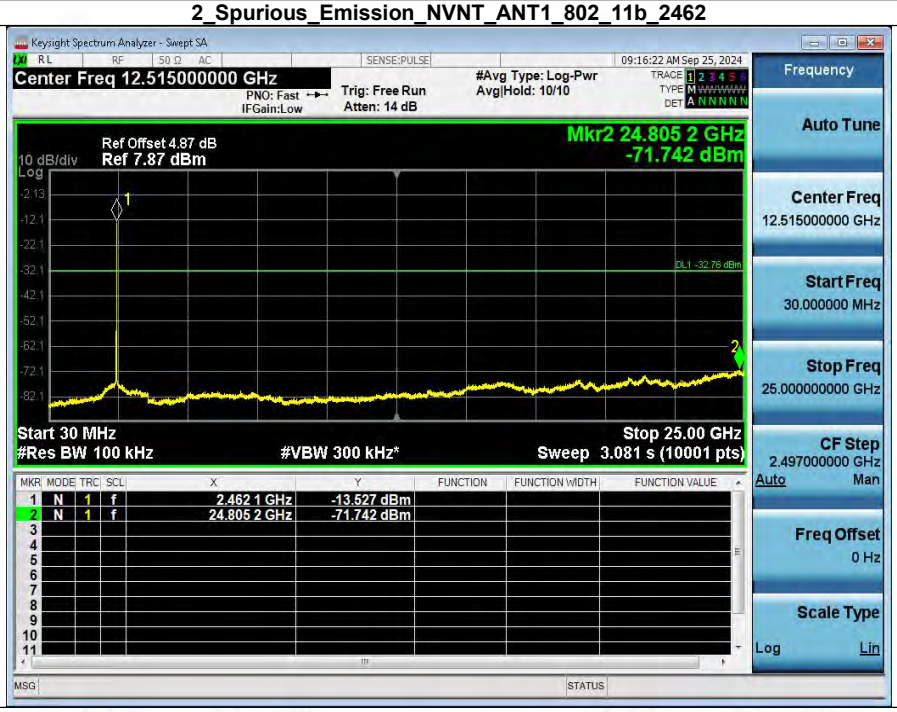
2_Spurious_Emission_NVNT_ANT2_802_11b_2437



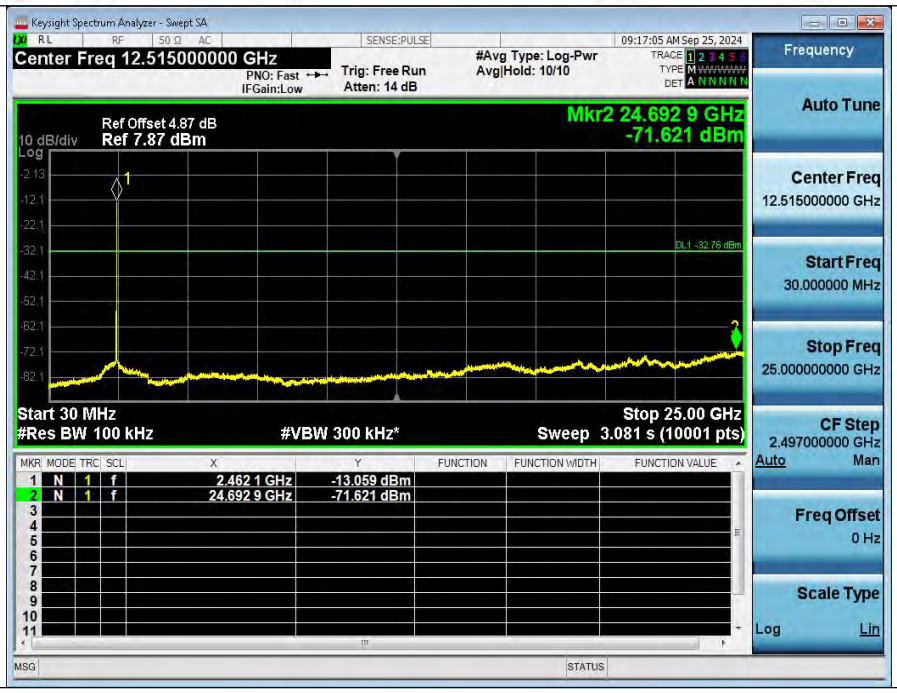
1_Reference_Level_NVNT_ANT1_802_11b_2462

1_Reference_Level_NVNT_ANT2_802_11b_2462

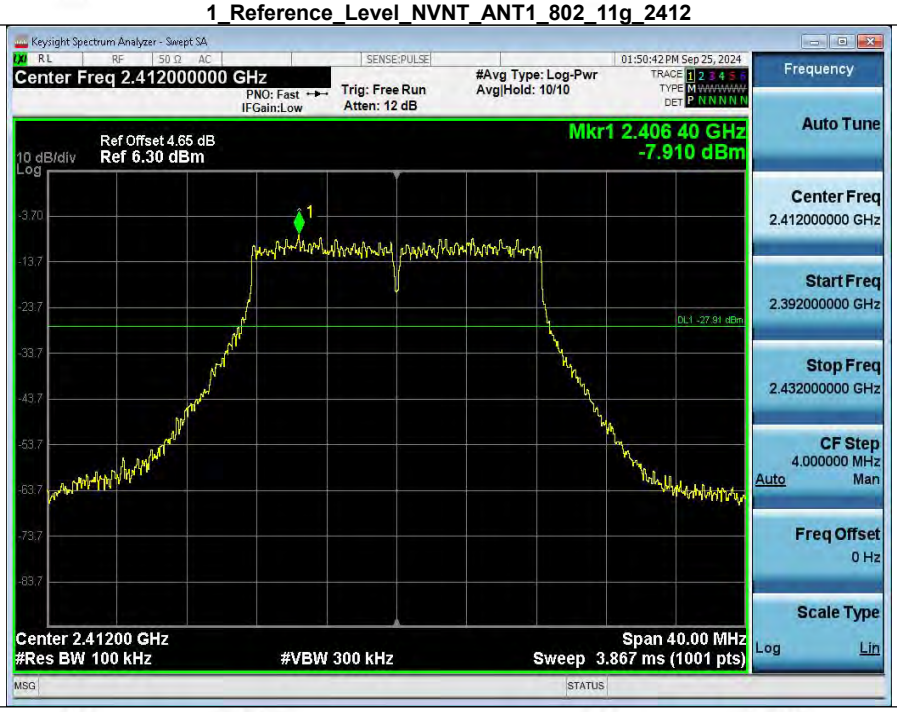
2_Spurious_Emission_NVNT_ANT1_802_11b_2462



2_Spurious_Emission_NVNT_ANT2_802_11b_2462



1_Reference_Level_NVNT_ANT1_802_11g_2412



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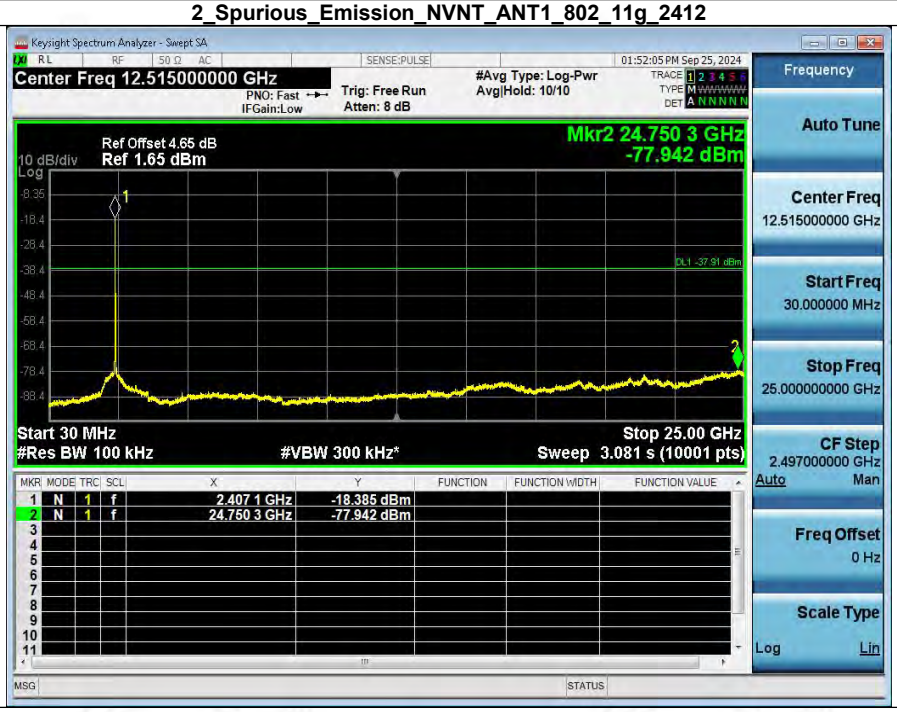
2_Spurious_Emission_NVNT_ANT1_802_11g_2412



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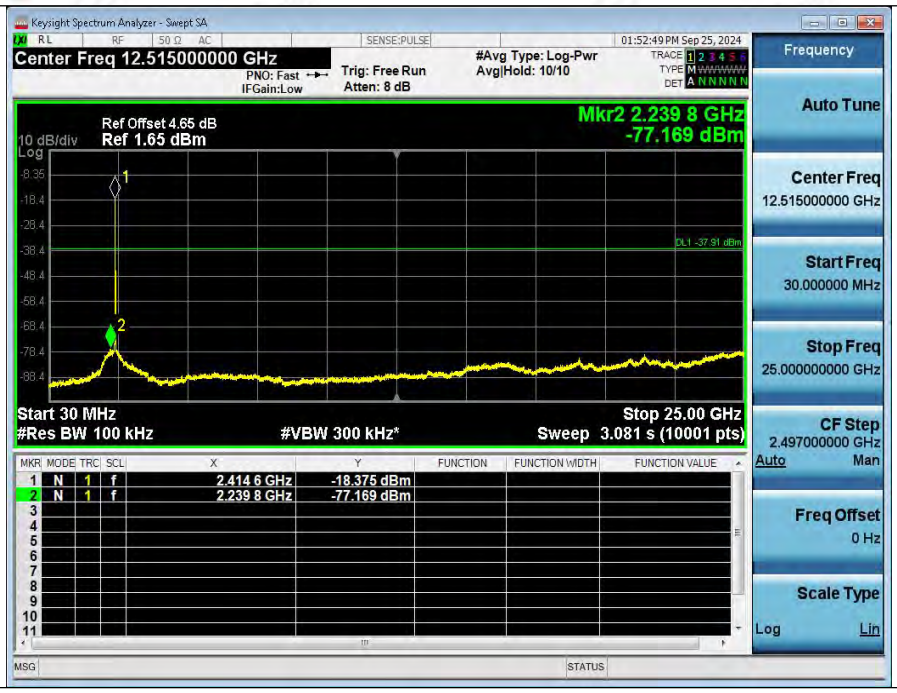
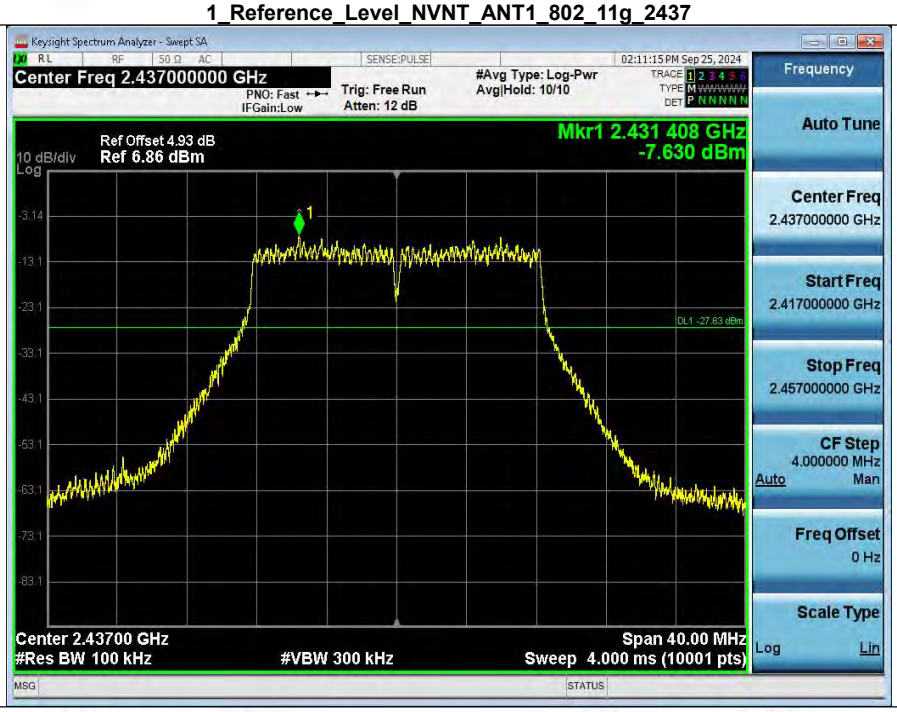
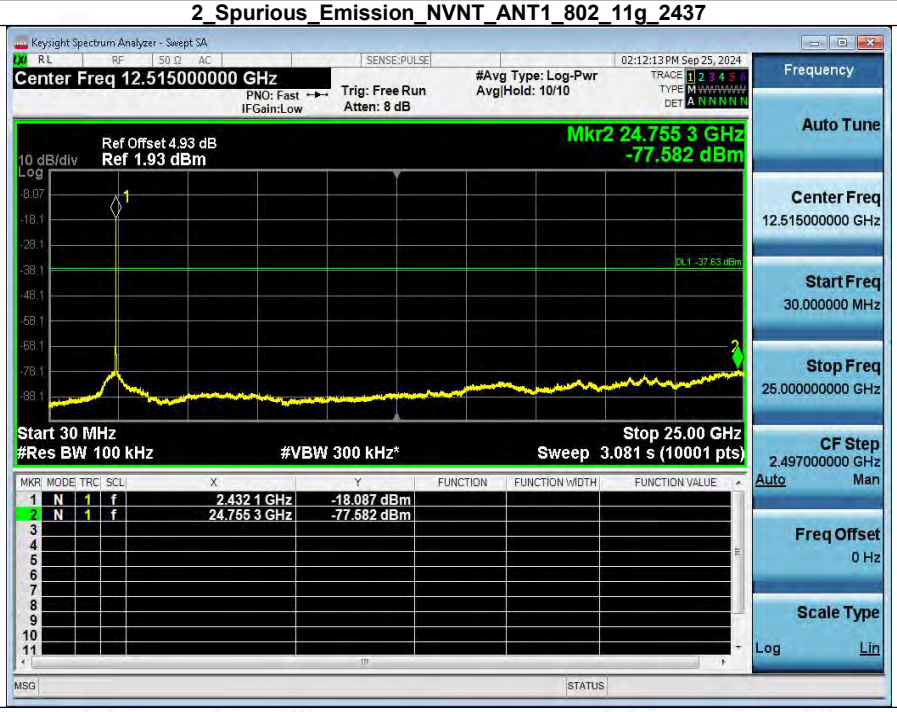


1_Reference_Level_NVNT_ANT1_802_11g_2437

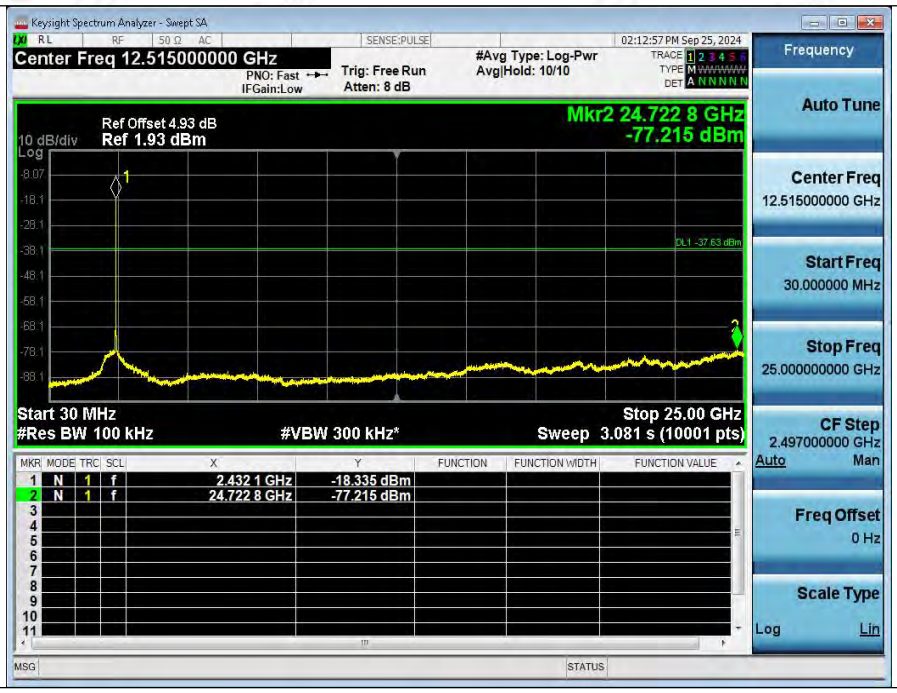


1_Reference_Level_NVNT_ANT2_802_11g_2437

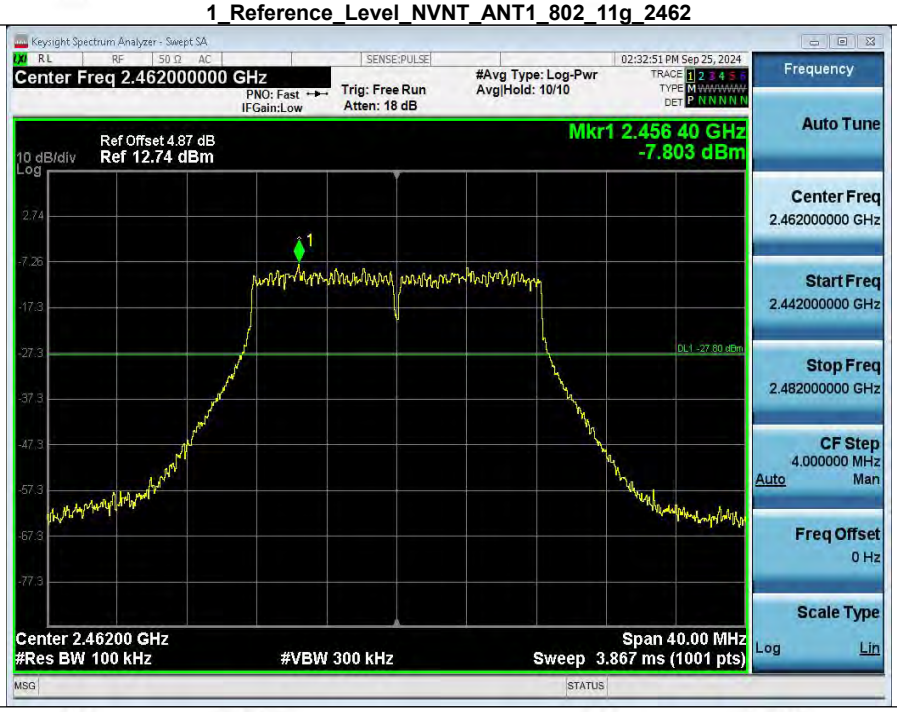
2_Spurious_Emission_NVNT_ANT1_802_11g_2437



2_Spurious_Emission_NVNT_ANT2_802_11g_2437

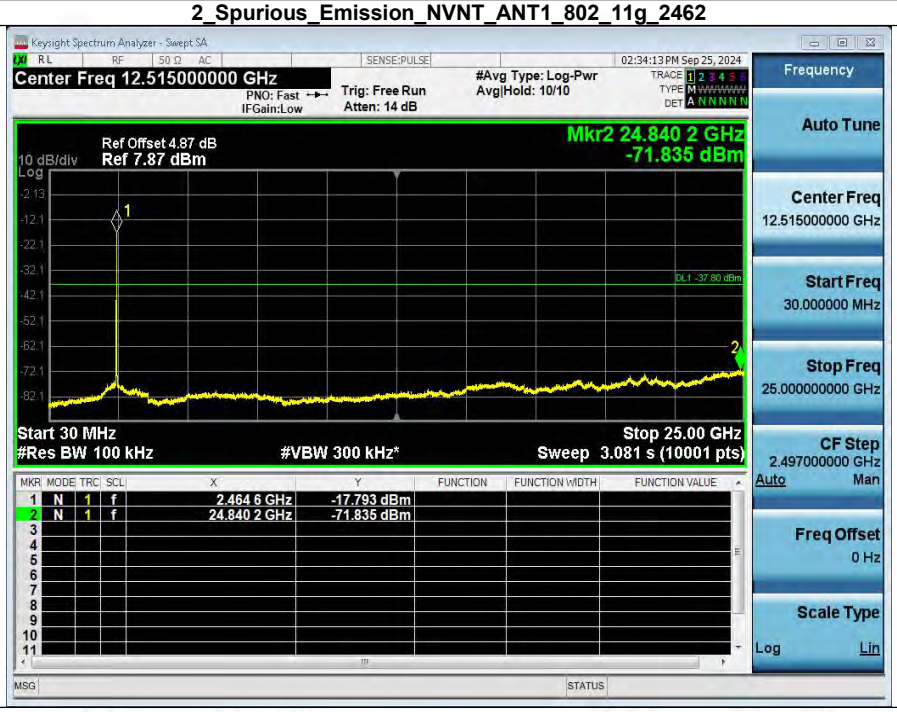


1_Reference_Level_NVNT_ANT1_802_11g_2462

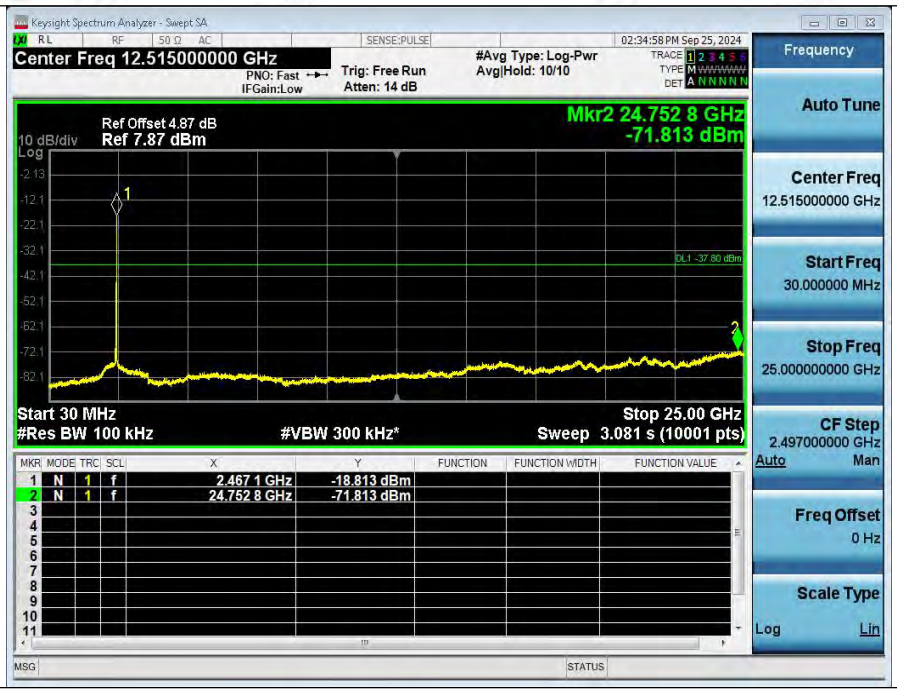


1_Reference_Level_NVNT_ANT2_802_11g_2462

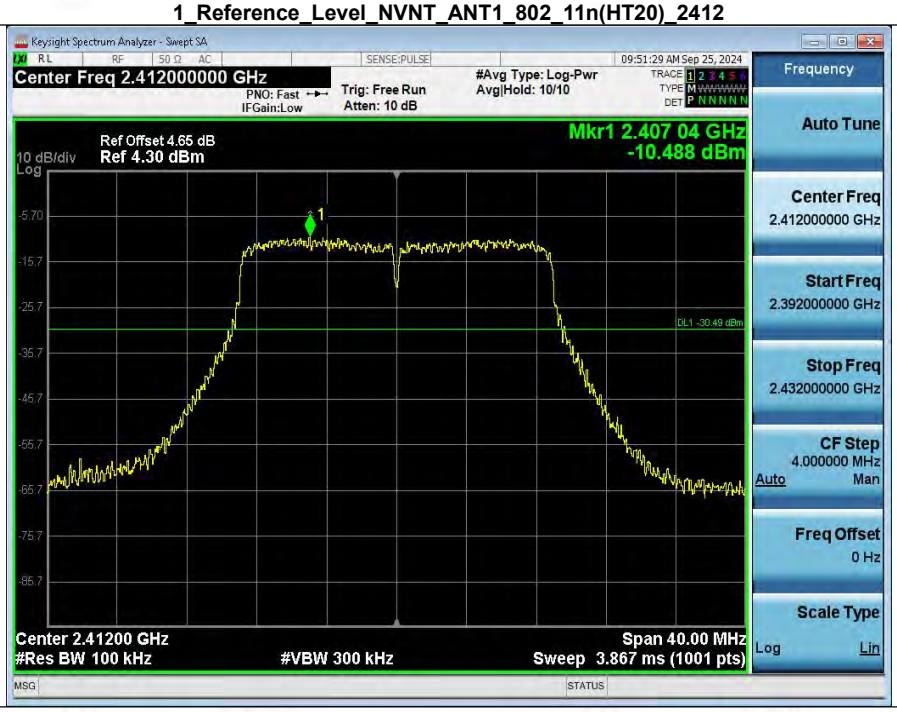
2_Spurious_Emission_NVNT_ANT1_802_11g_2462



2_Spurious_Emission_NVNT_ANT2_802_11g_2462

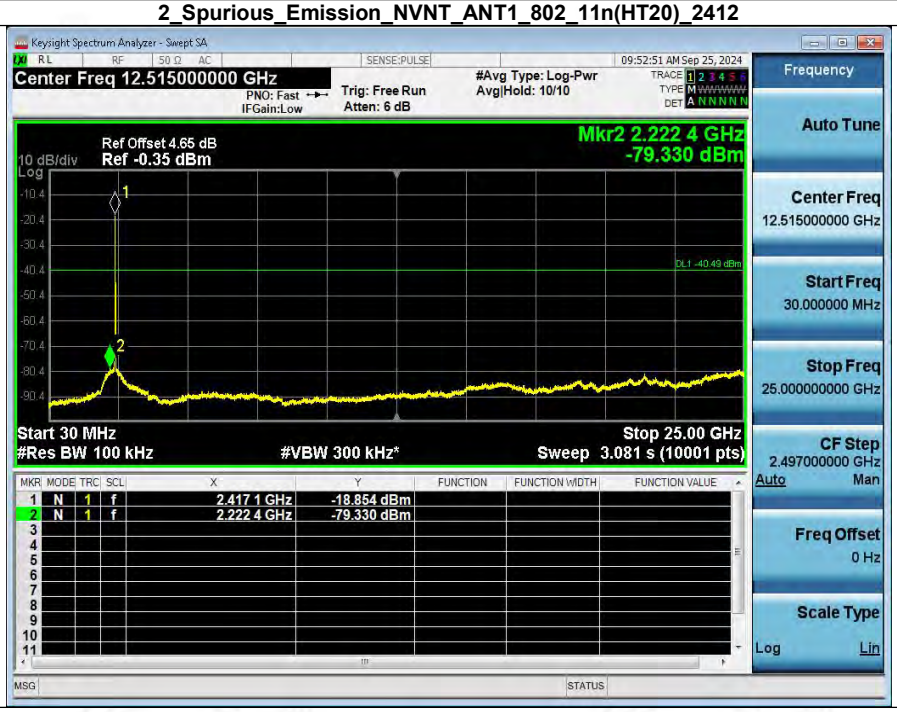


1_Reference_Level_NVNT_ANT1_802_11n(HT20)_2412

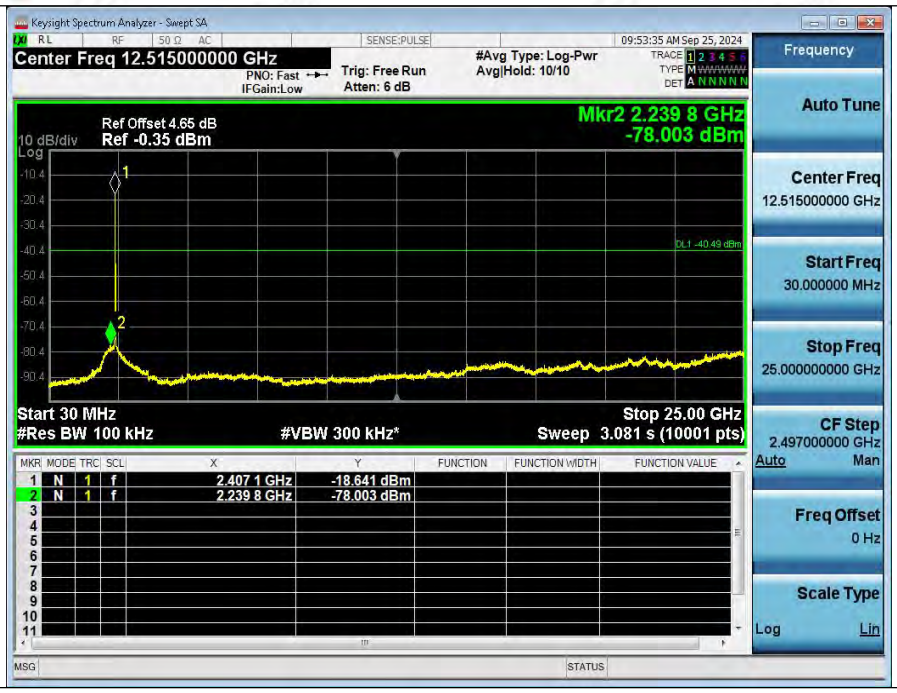


1_Reference_Level_NVNT_ANT2_802_11n(HT20)_2412

2_Spurious_Emission_NVNT_ANT1_802_11n(HT20)_2412



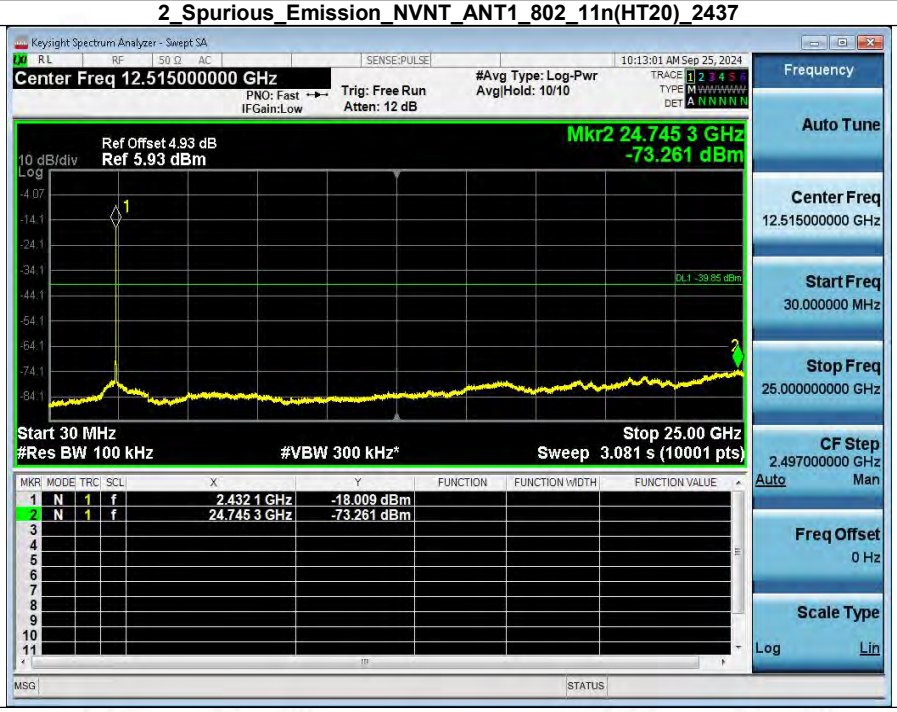
2_Spurious_Emission_NVNT_ANT2_802_11n(HT20)_2412



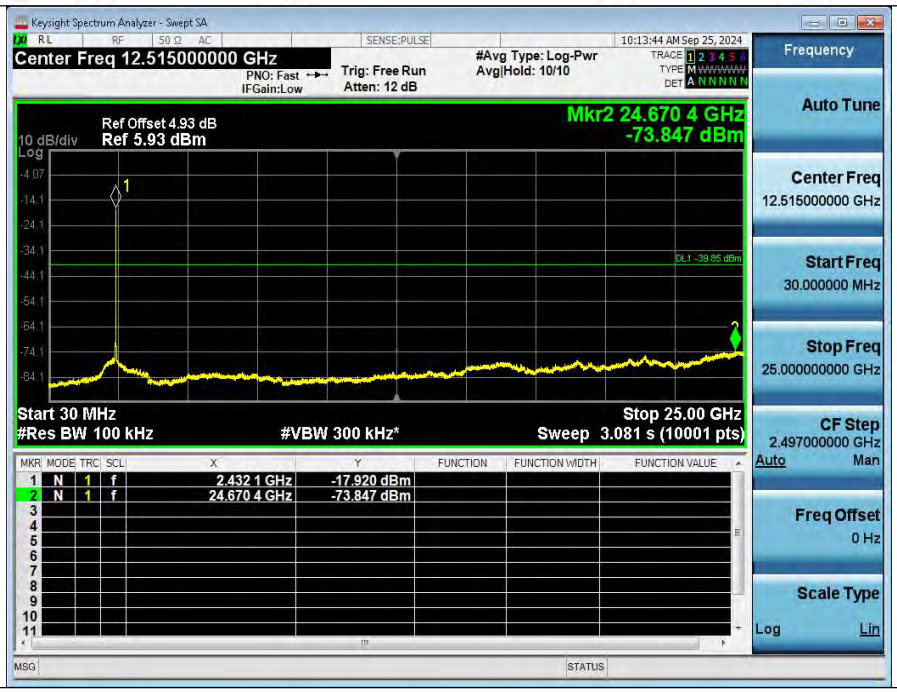
1_Reference_Level_NVNT_ANT1_802_11n(HT20)_2437

1_Reference_Level_NVNT_ANT2_802_11n(HT20)_2437

2_Spurious_Emission_NVNT_ANT1_802_11n(HT20)_2437



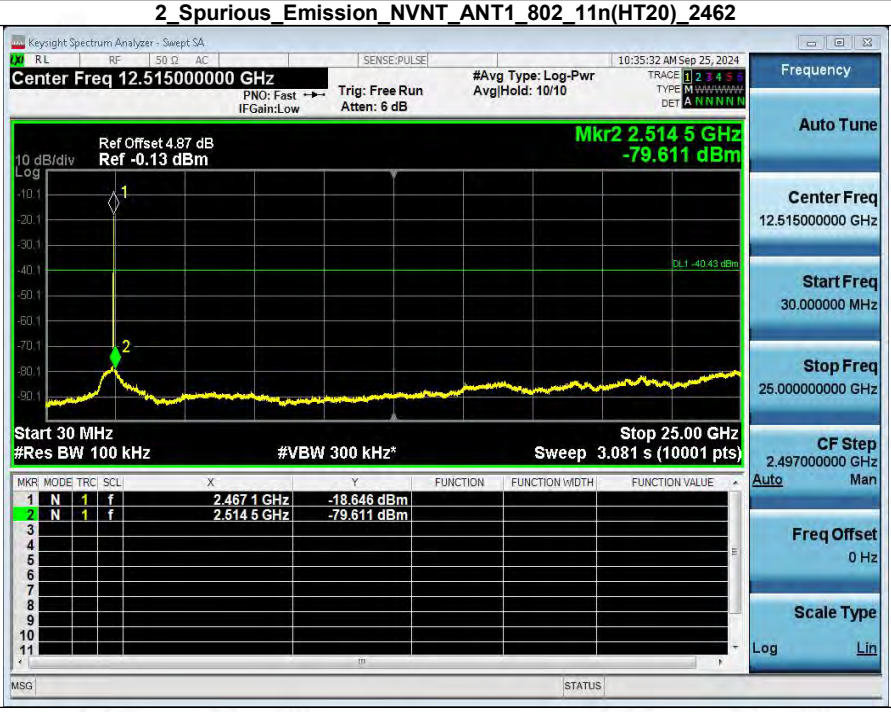
2_Spurious_Emission_NVNT_ANT2_802_11n(HT20)_2437



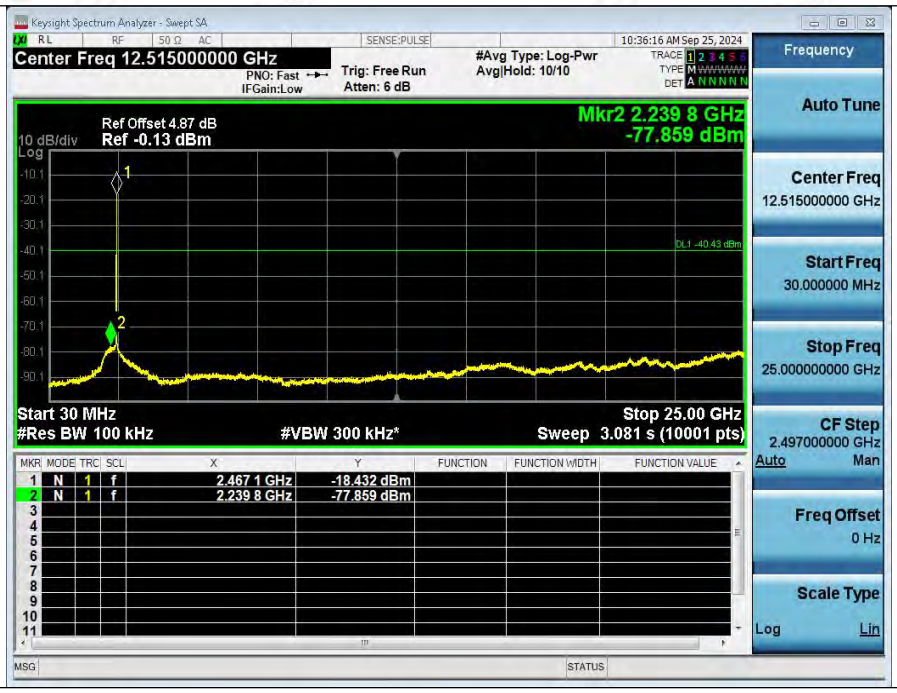
1_Reference_Level_NVNT_ANT1_802_11n(HT20)_2462

1_Reference_Level_NVNT_ANT2_802_11n(HT20)_2462

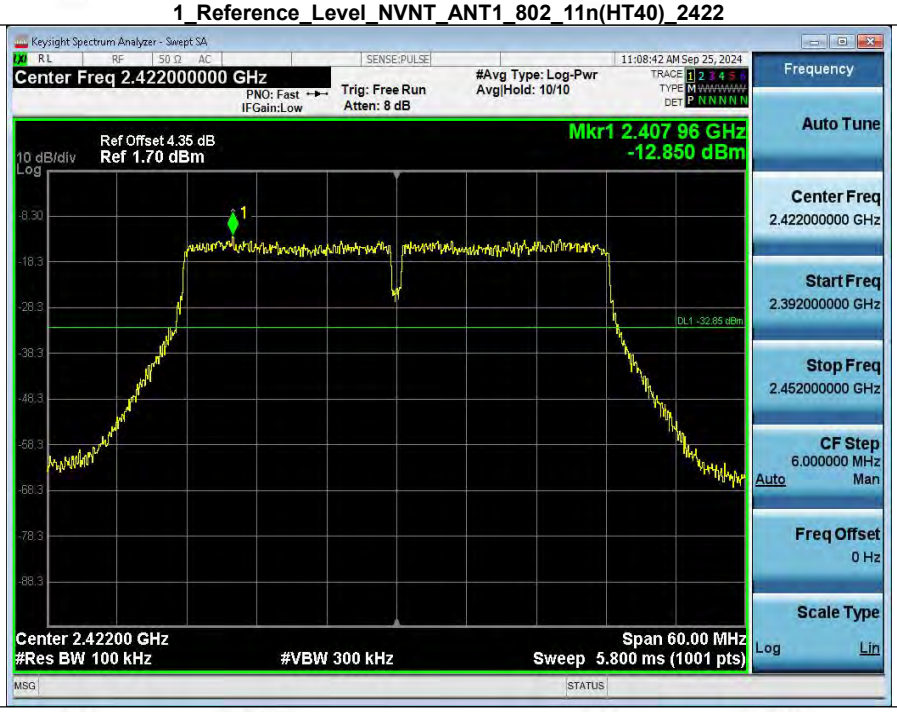
2_Spurious_Emission_NVNT_ANT1_802_11n(HT20)_2462



2_Spurious_Emission_NVNT_ANT2_802_11n(HT20)_2462

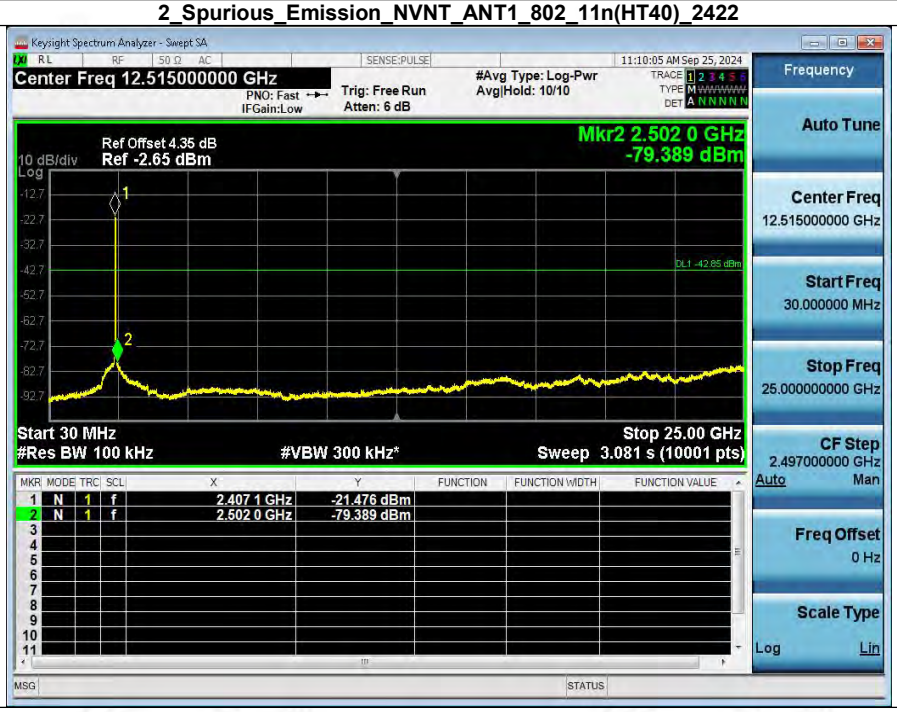


1_Reference_Level_NVNT_ANT1_802_11n(HT40)_2422

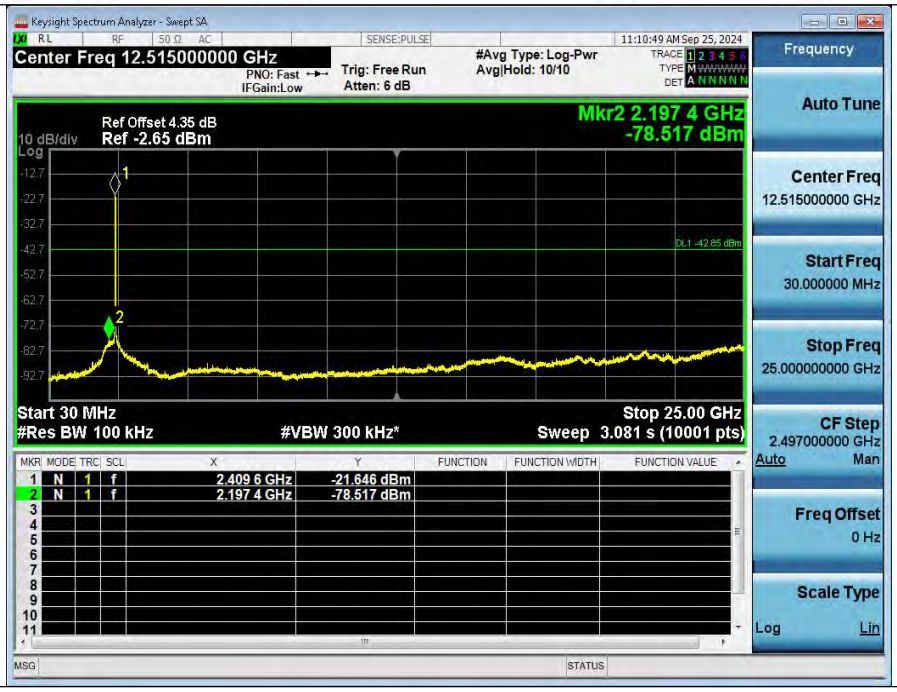


1_Reference_Level_NVNT_ANT2_802_11n(HT40)_2422

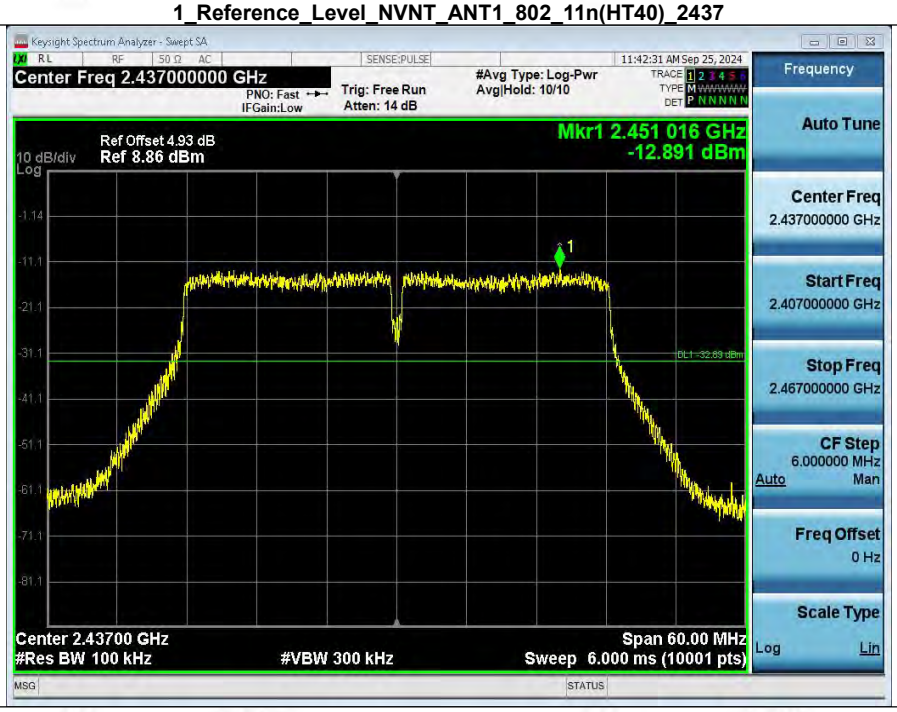
2_Spurious_Emission_NVNT_ANT1_802_11n(HT40)_2422



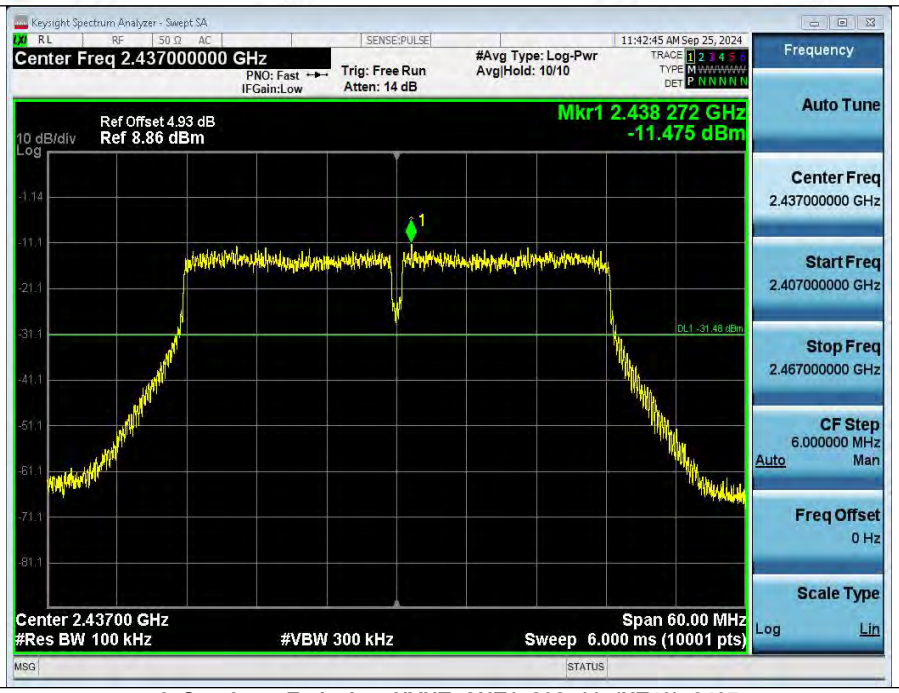
2_Spurious_Emission_NVNT_ANT2_802_11n(HT40)_2422



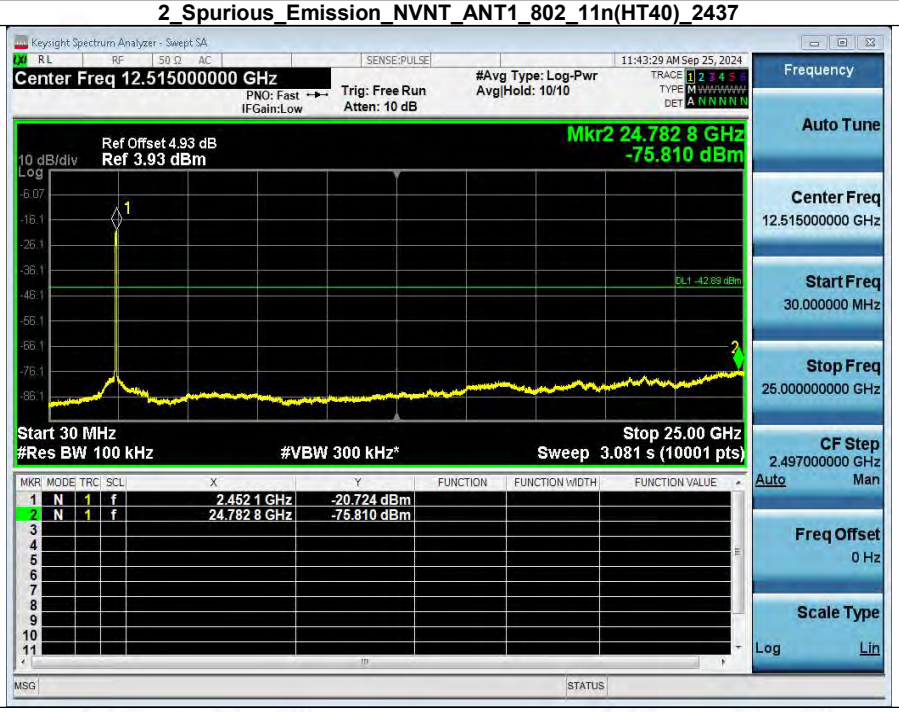
1_Reference_Level_NVNT_ANT1_802_11n(HT40)_2437



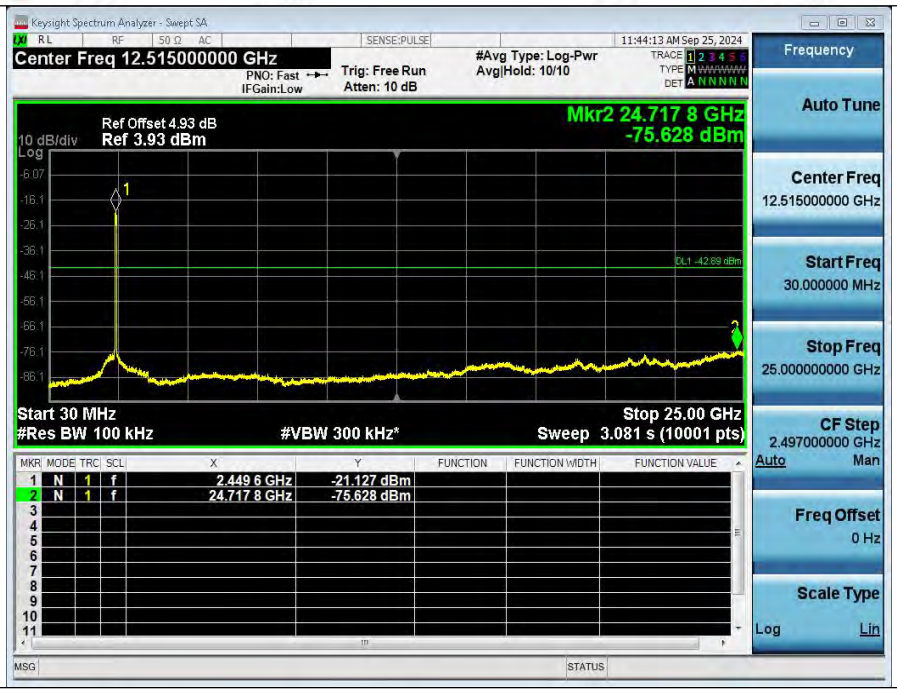
1_Reference_Level_NVNT_ANT2_802_11n(HT40)_2437



2_Spurious_Emission_NVNT_ANT1_802_11n(HT40)_2437



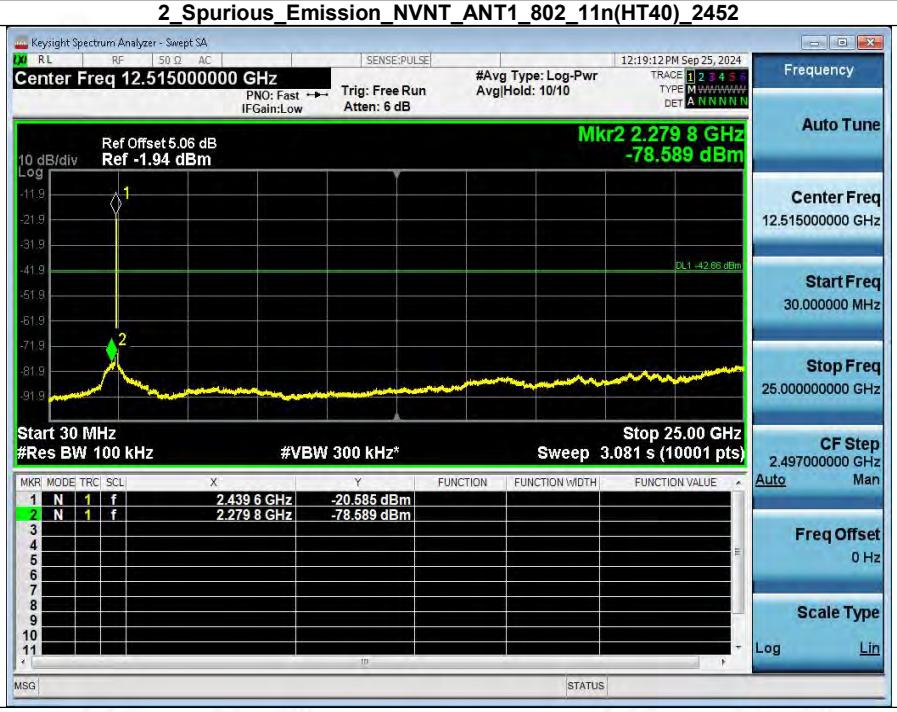
2_Spurious_Emission_NVNT_ANT2_802_11n(HT40)_2437



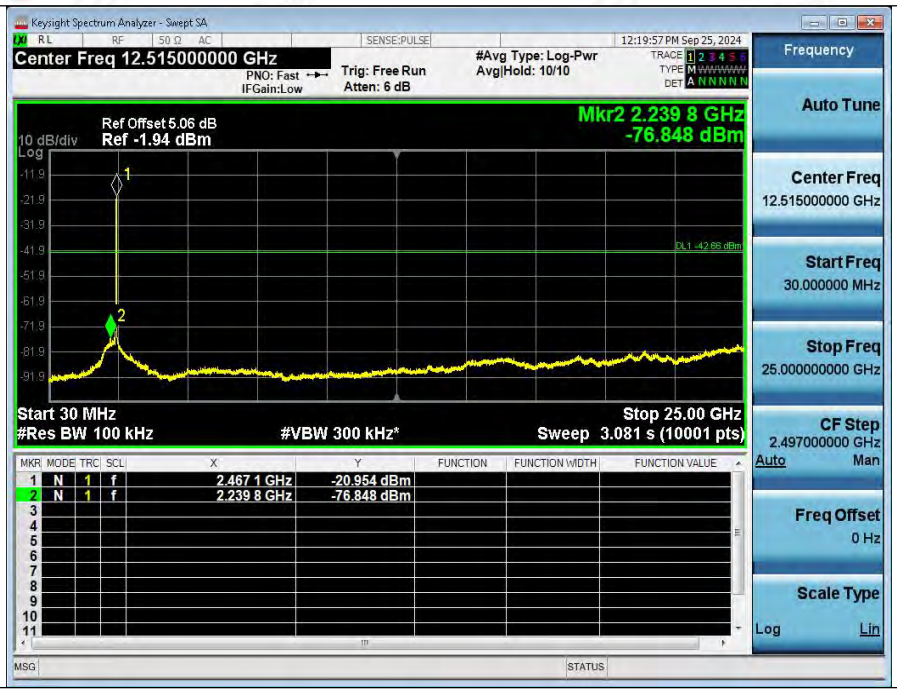
1_Reference_Level_NVNT_ANT1_802_11n(HT40)_2452

1_Reference_Level_NVNT_ANT2_802_11n(HT40)_2452

2_Spurious_Emission_NVNT_ANT1_802_11n(HT40)_2452



2_Spurious_Emission_NVNT_ANT2_802_11n(HT40)_2452


Keysight Spectrum Analyzer - Swept SA
12:19:57 PM Sep 25, 2024
Center Freq 12.515000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 6 dB
#Avg Type: Log-Pwr
Avg|Hold: 10/10
Ref Offset 5.06 dB
10 dB/div
Ref -1.94 dBm
Mkr2 2.239 8 GHz
-76.848 dBm
Start 30 MHz
#Res BW 100 kHz
#VBW 300 kHz*
Stop 25.00 GHz
Sweep 3.081 s (10001 pts)
MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE
1 N 1 f 2.467 1 GHz -20.954 dBm
2 N 1 f 2.239 8 GHz -76.848 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
MSG
STATUS