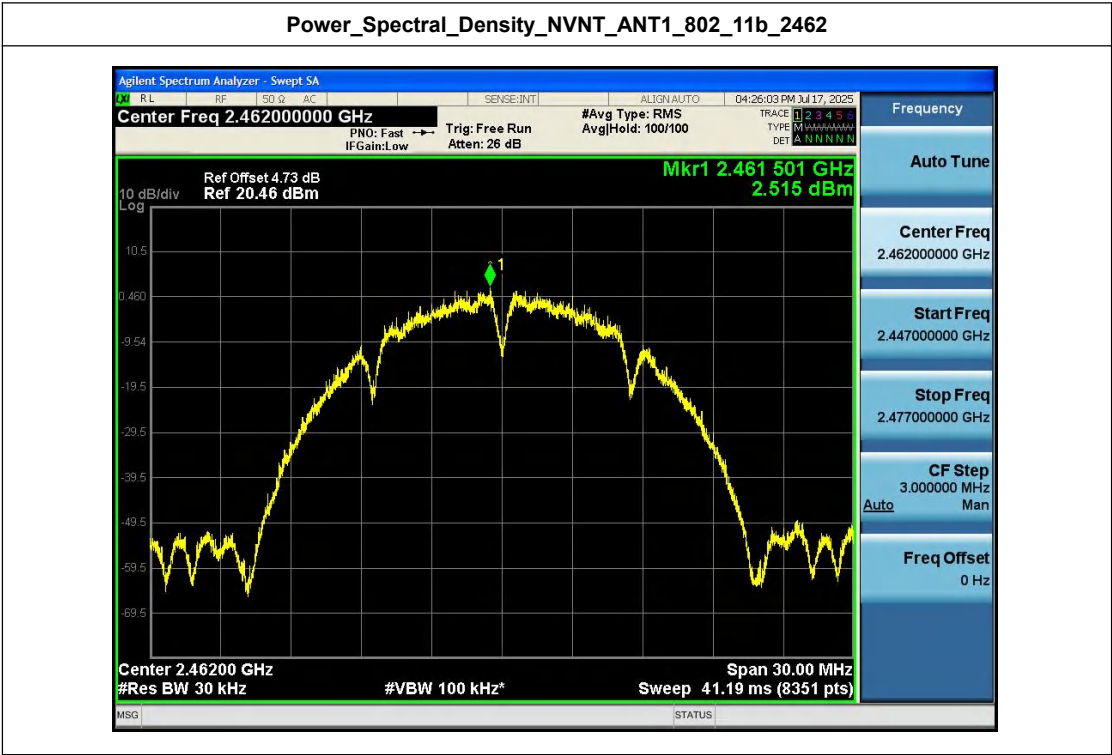
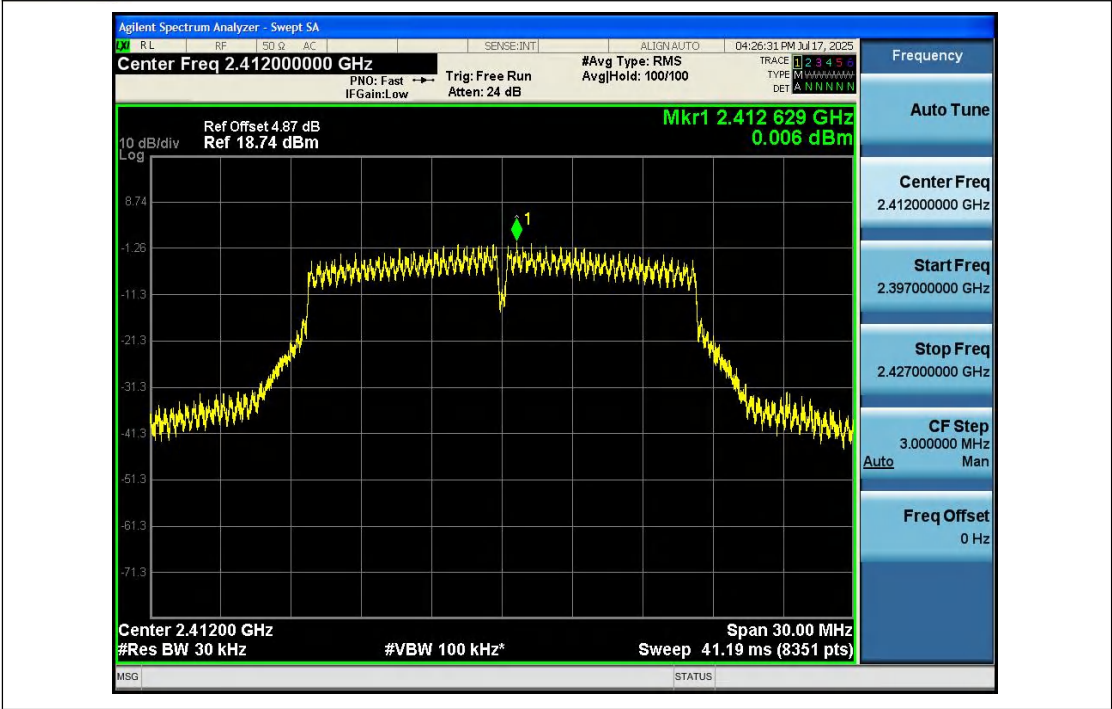




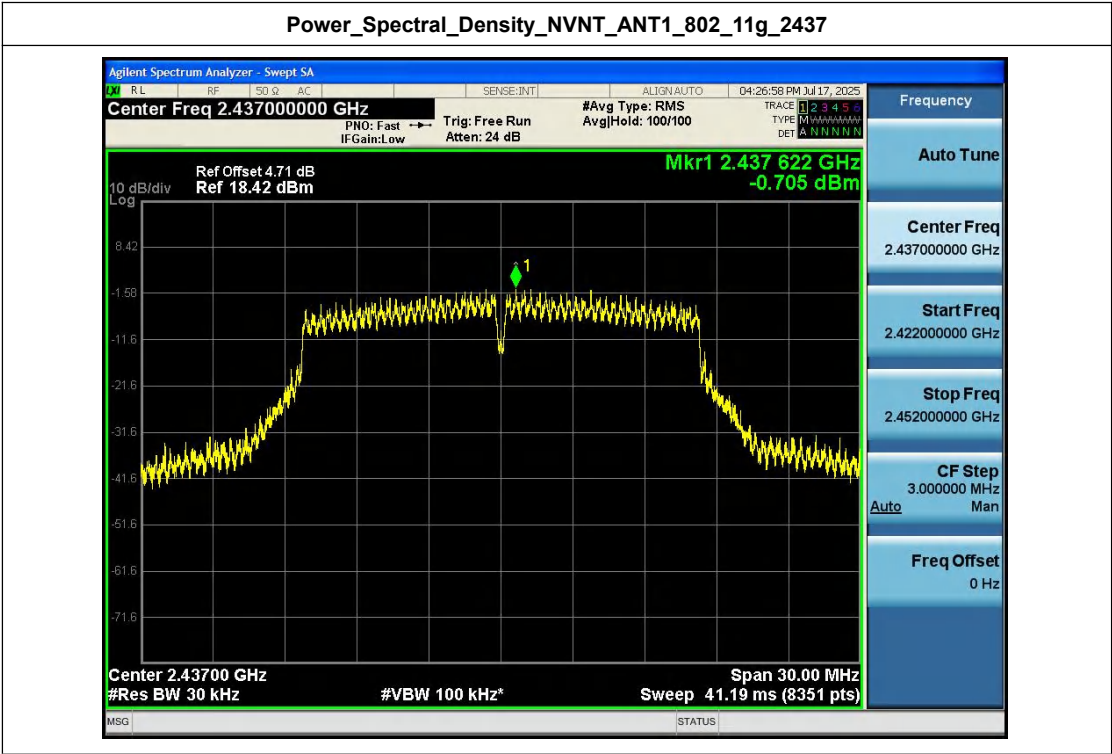
Power_Spectral_Density_NVNT_ANT1_802_11b_2462



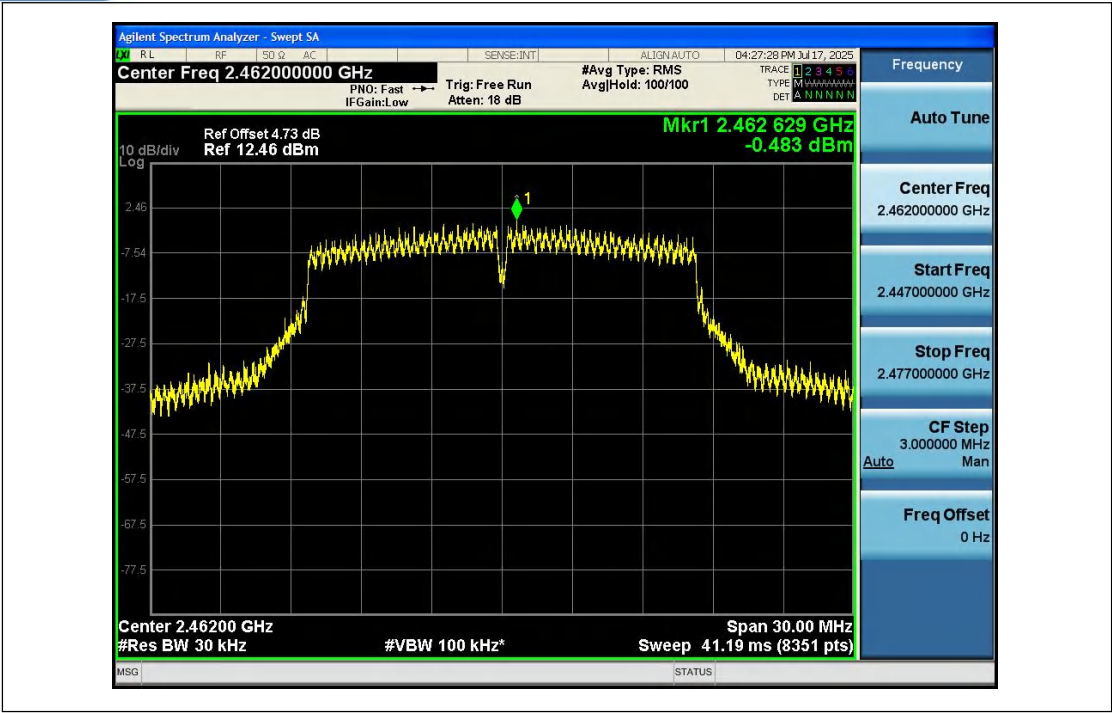
Power_Spectral_Density_NVNT_ANT1_802_11g_2412



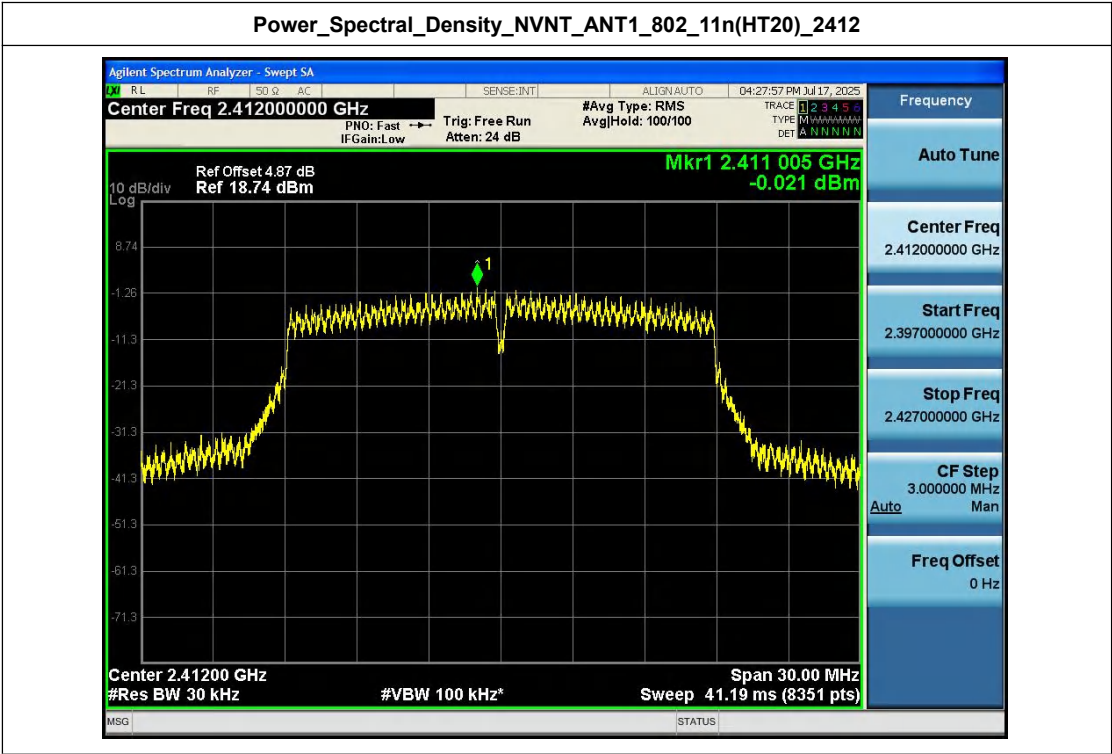
Power_Spectral_Density_NVNT_ANT1_802_11g_2437



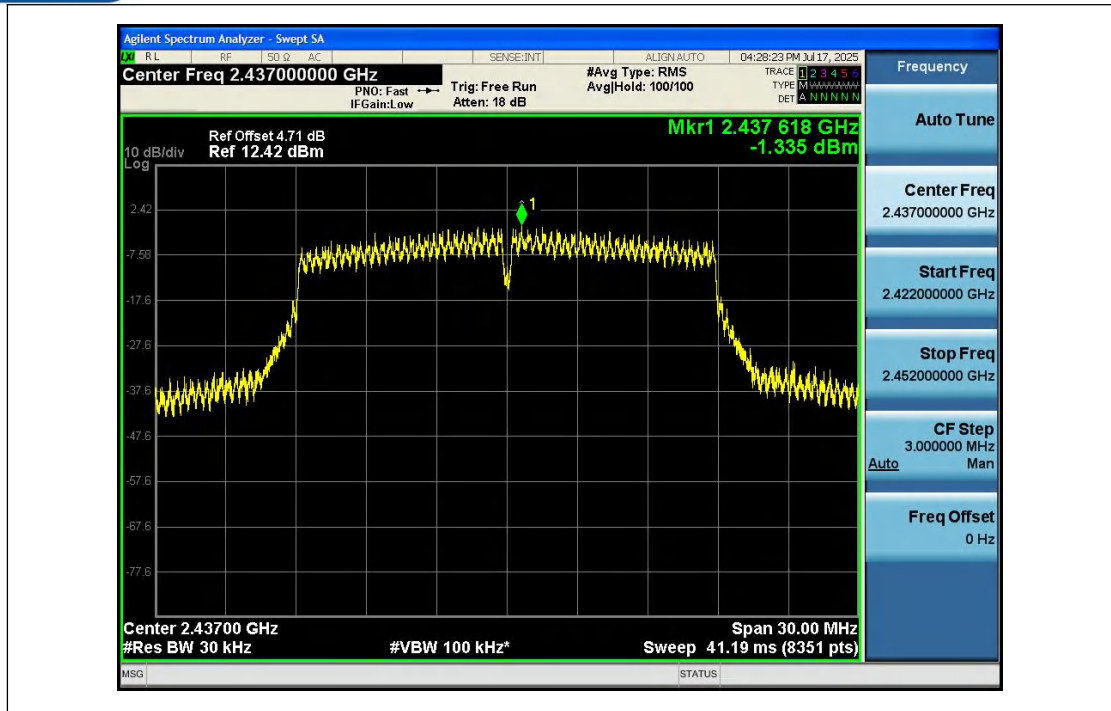
Power_Spectral_Density_NVNT_ANT1_802_11g_2462



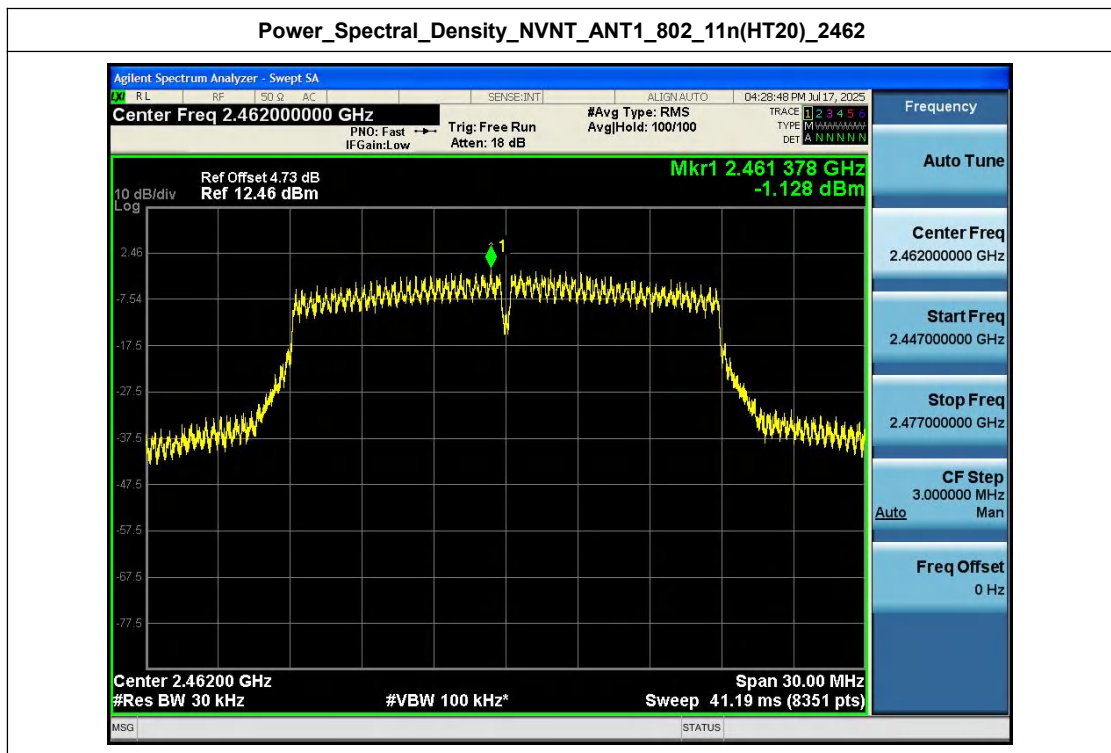
Power_Spectral_Density_NVNT_ANT1_802_11n(HT20)_2412



Power_Spectral_Density_NVNT_ANT1_802_11n(HT20)_2437



Power_Spectral_Density_NVNT_ANT1_802_11n(HT20)_2462



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Appendix F: Bandedge

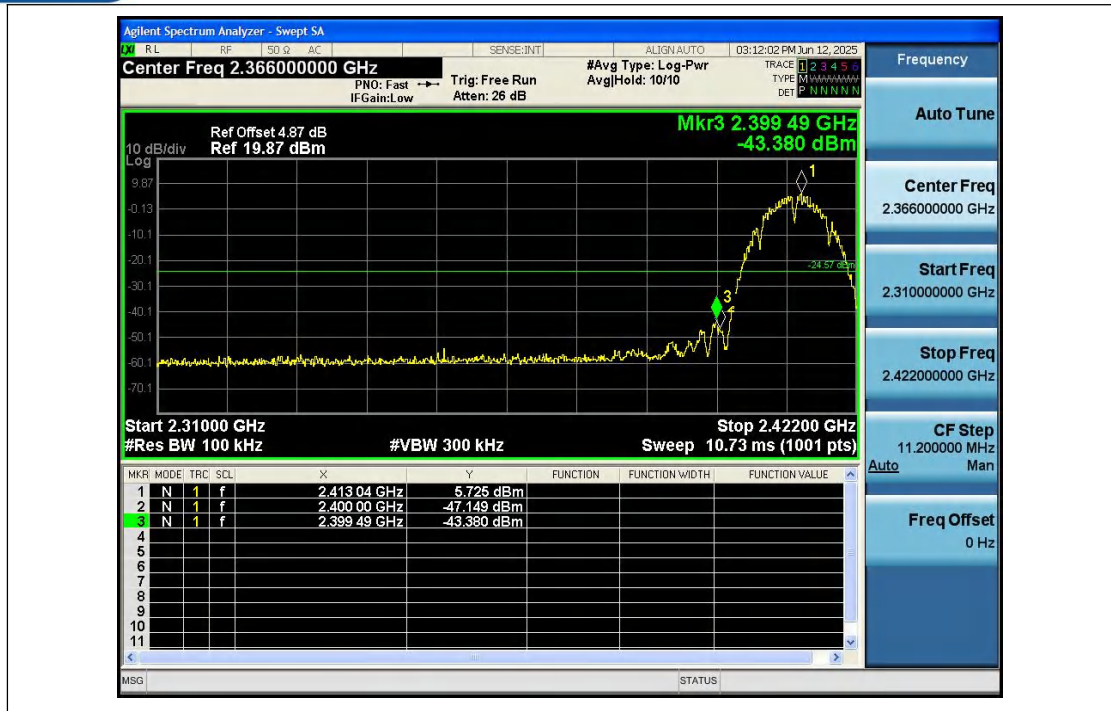
Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark_freq(MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11b	2412.00	2399.488	5.428	-43.380	-24.572	Pass
NVNT	ANT1	802.11b	2462.00	2497.696	5.813	-52.003	-24.187	Pass
NVNT	ANT1	802.11g	2412.00	2399.824	-1.900	-37.637	-31.900	Pass
NVNT	ANT1	802.11g	2462.00	2484.880	-3.105	-52.094	-33.105	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	2399.824	-2.565	-37.760	-32.565	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	2483.536	0.126	-40.716	-29.874	Pass

Remark:1. Regarding the spurious emissions from 30MHz to 26.5GHz, the cable lose have been set in the 'offset' of the Spectrum Analyzer during the test.

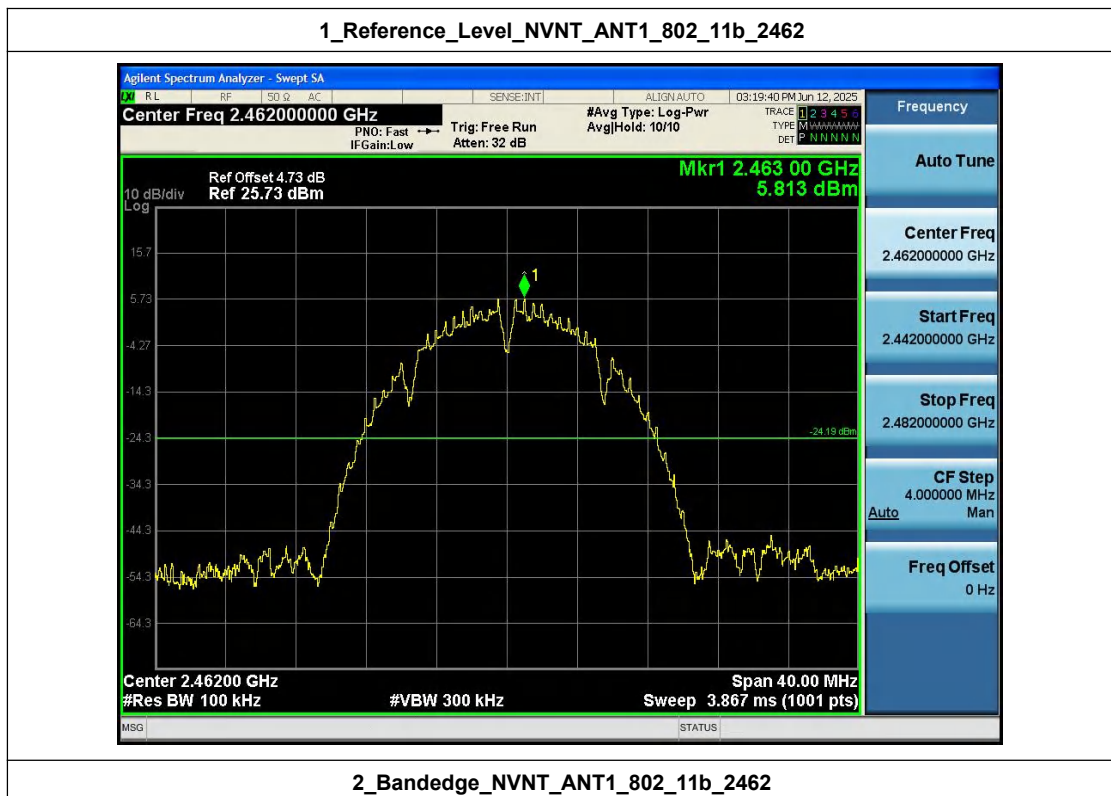
1_Reference_Level_NVNT_ANT1_802_11b_2412



2_Bandedge_NVNT_ANT1_802_11b_2412



1_Reference_Level_NVNT_ANT1_802_11b_2462

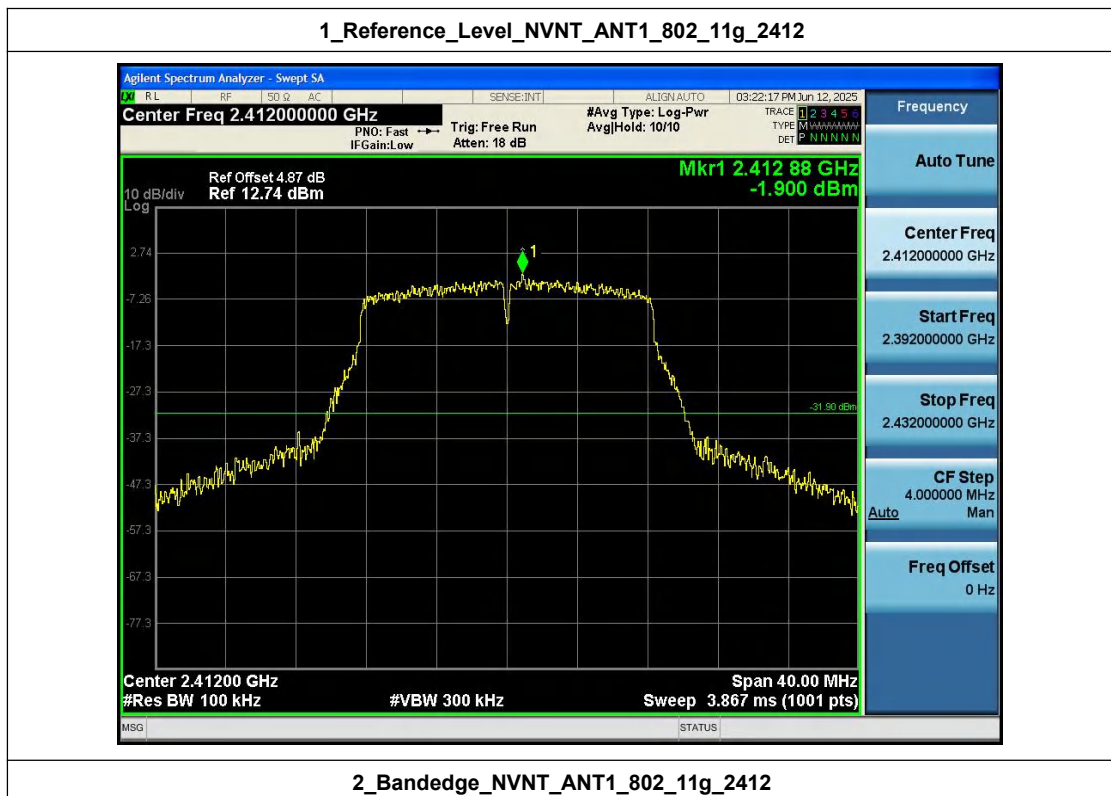


2_Bandedge_NVNT_ANT1_802_11b_2462





1_Reference_Level_NVNT_ANT1_802_11g_2412

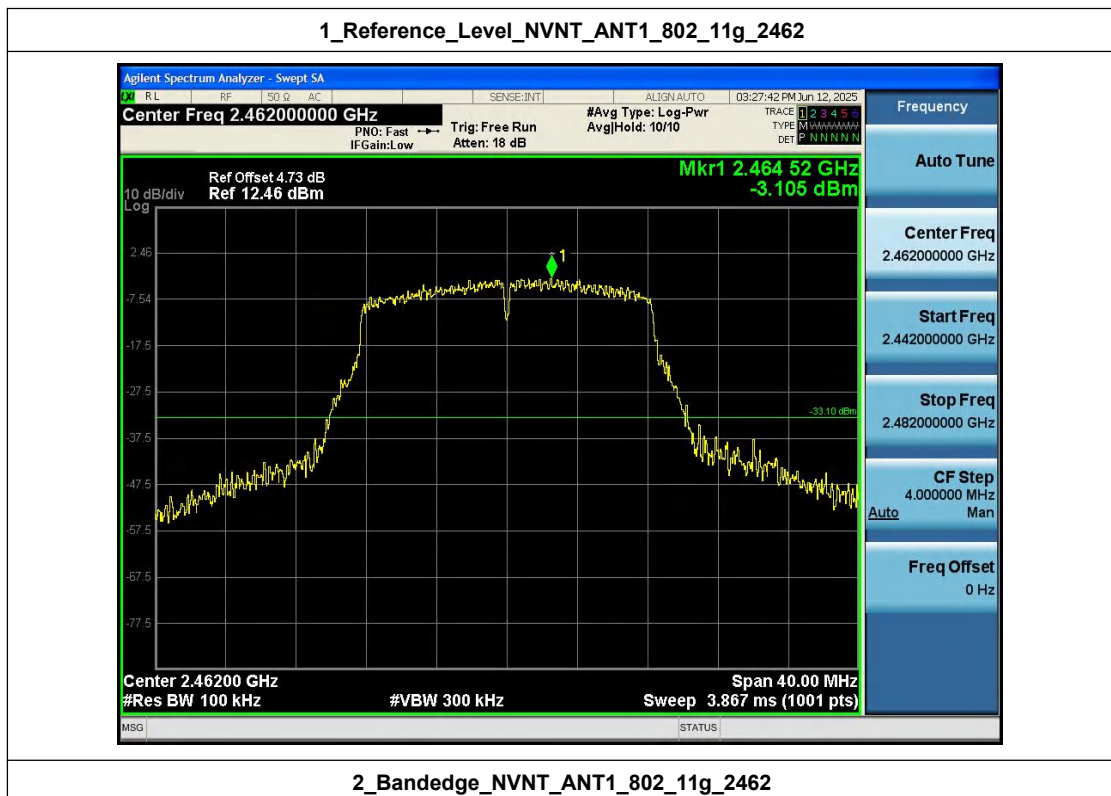


2_Bandedge_NVNT_ANT1_802_11g_2412





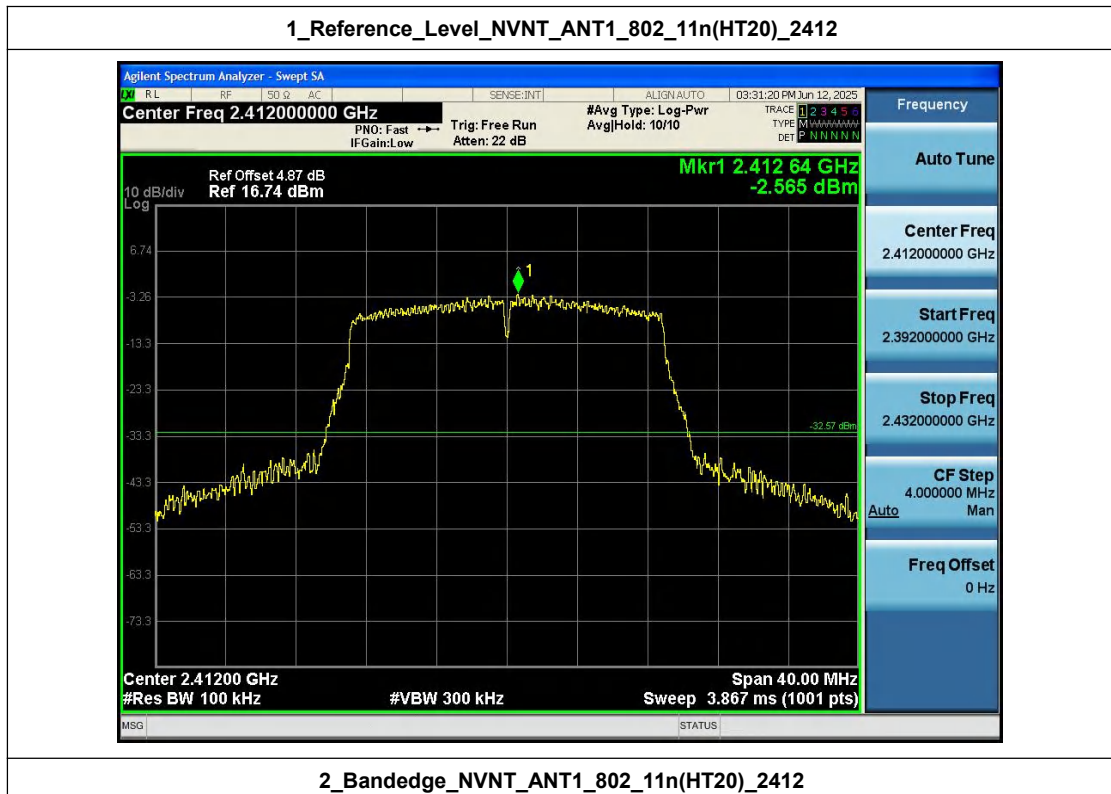
1_Reference_Level_NVNT_ANT1_802_11g_2462



2_Bandedge_NVNT_ANT1_802_11g_2462



1_Reference_Level_NVNT_ANT1_802_11n(HT20)_2412

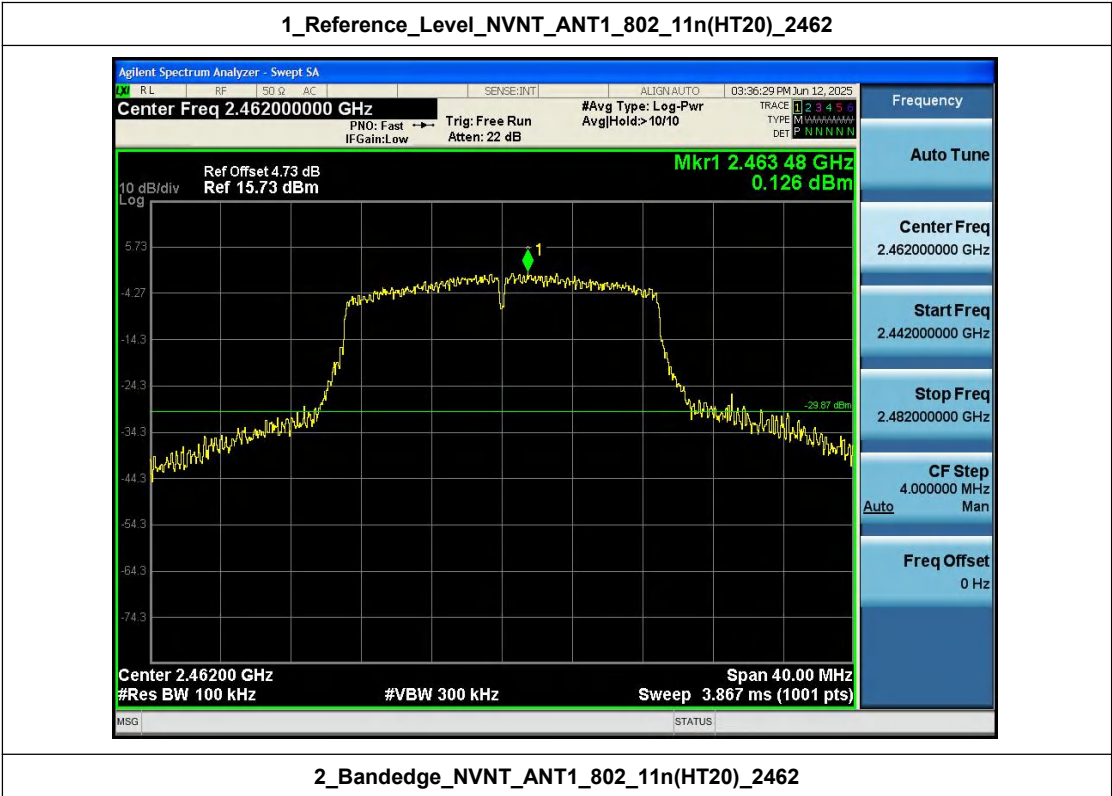


2_Bandedge_NVNT_ANT1_802_11n(HT20)_2412





1_Reference_Level_NVNT_ANT1_802_11n(HT20)_2462



2_Bandedge_NVNT_ANT1_802_11n(HT20)_2462



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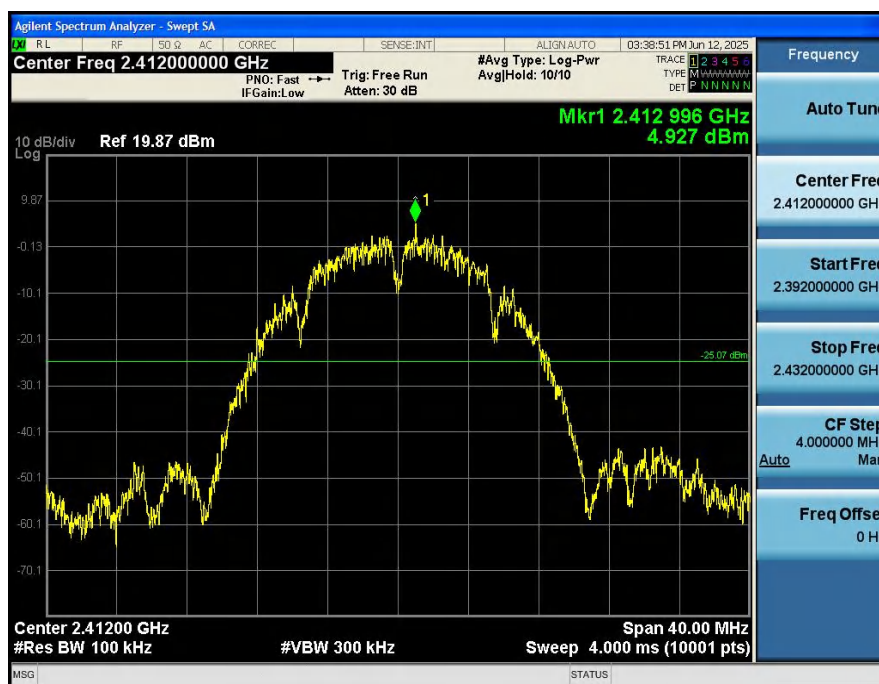
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Appendix G: Spurious Emission

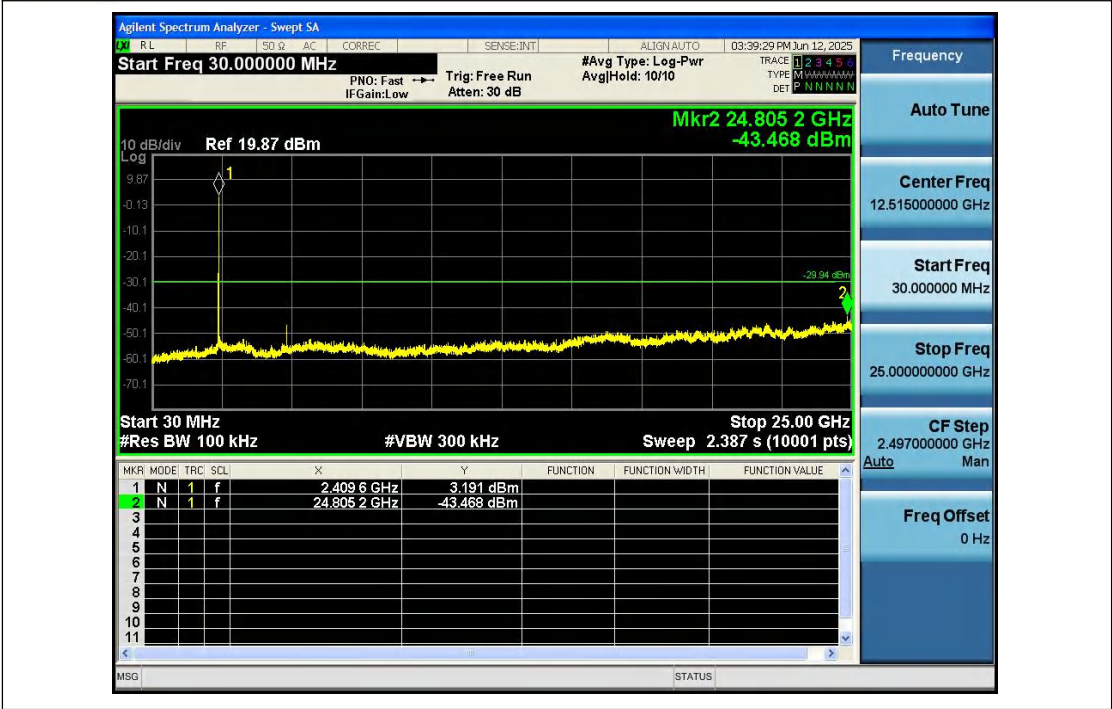
Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark_freq(MHz)	Ref_level(dBm)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11b	2412.00	24805.234	4.927	-43.468	-25.073	Pass
NVNT	ANT1	802.11b	2437.00	24830.204	9.521	-45.195	-20.479	Pass
NVNT	ANT1	802.11b	2462.00	24862.665	9.355	-44.622	-20.645	Pass
NVNT	ANT1	802.11g	2412.00	21988.618	-0.097	-47.521	-30.097	Pass
NVNT	ANT1	802.11g	2437.00	24855.174	0.114	-46.923	-29.886	Pass
NVNT	ANT1	802.11g	2462.00	24927.587	0.884	-42.826	-29.116	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	24825.210	-0.262	-44.396	-30.262	Pass
NVNT	ANT1	802.11n(HT20)	2437.00	24675.390	4.750	-47.545	-25.250	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	24345.786	0.919	-47.233	-29.081	Pass

Note: Regarding the spurious emissions from 30MHz to 26.5GHz, the cable loss have been set in the 'Input Correction' of the Spectrum Analyzer during the test.

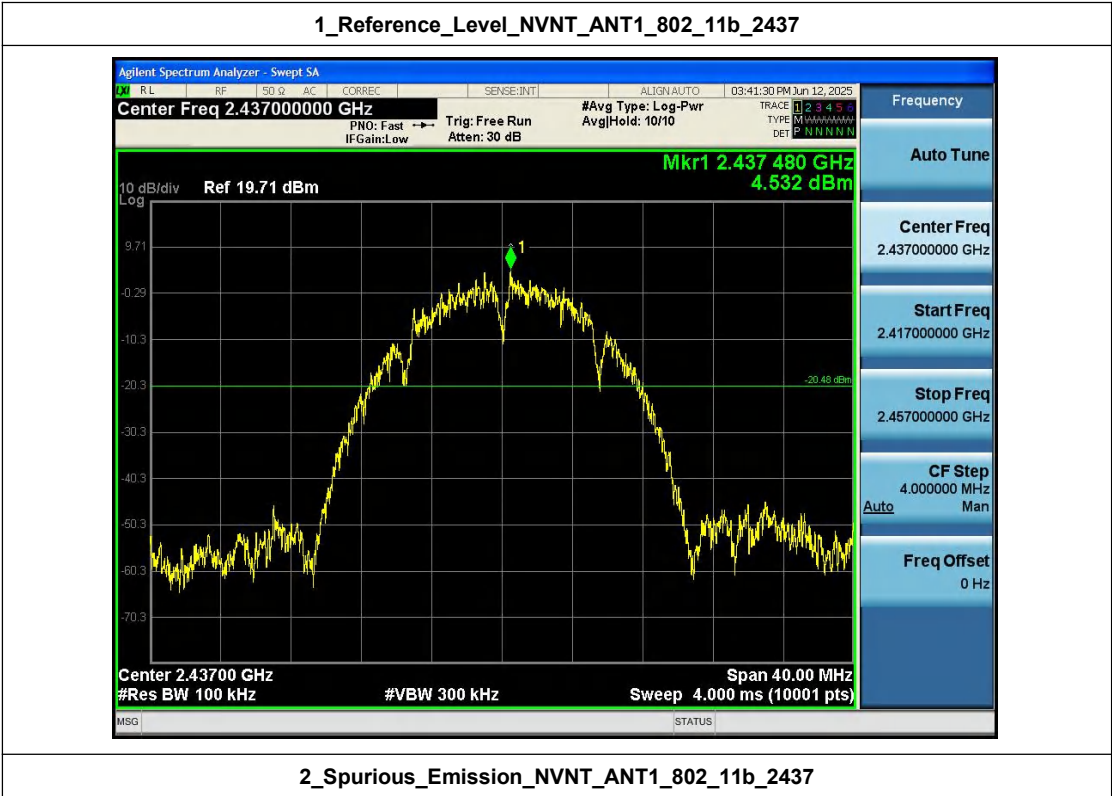
1_Reference_Level_NVNT_ANT1_802_11b_2412



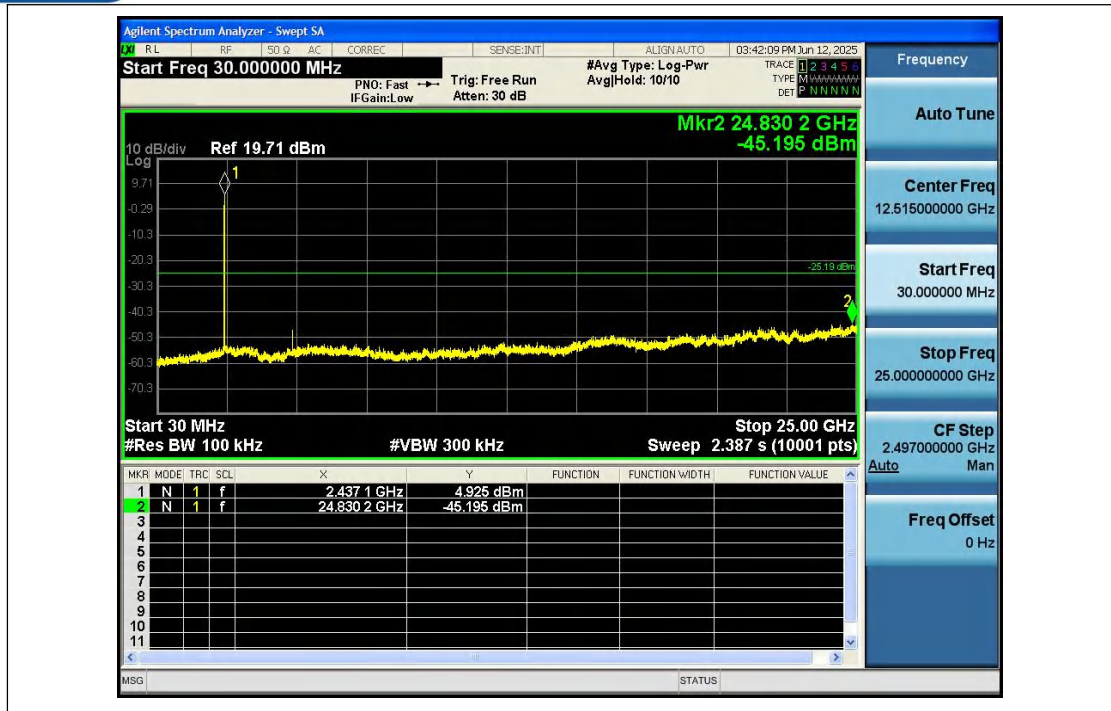
2_Spurious_Emission_NVNT_ANT1_802_11b_2412



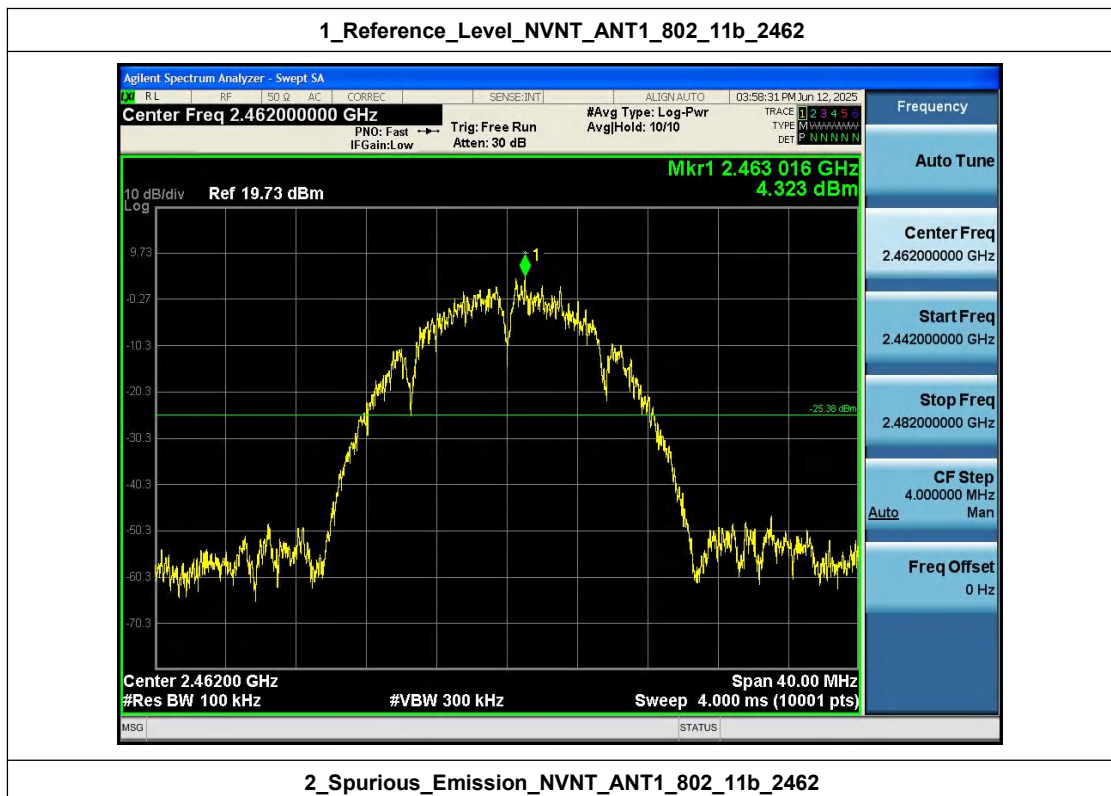
1_Reference_Level_NVNT_ANT1_802_11b_2437



2_Spurious_Emission_NVNT_ANT1_802_11b_2437



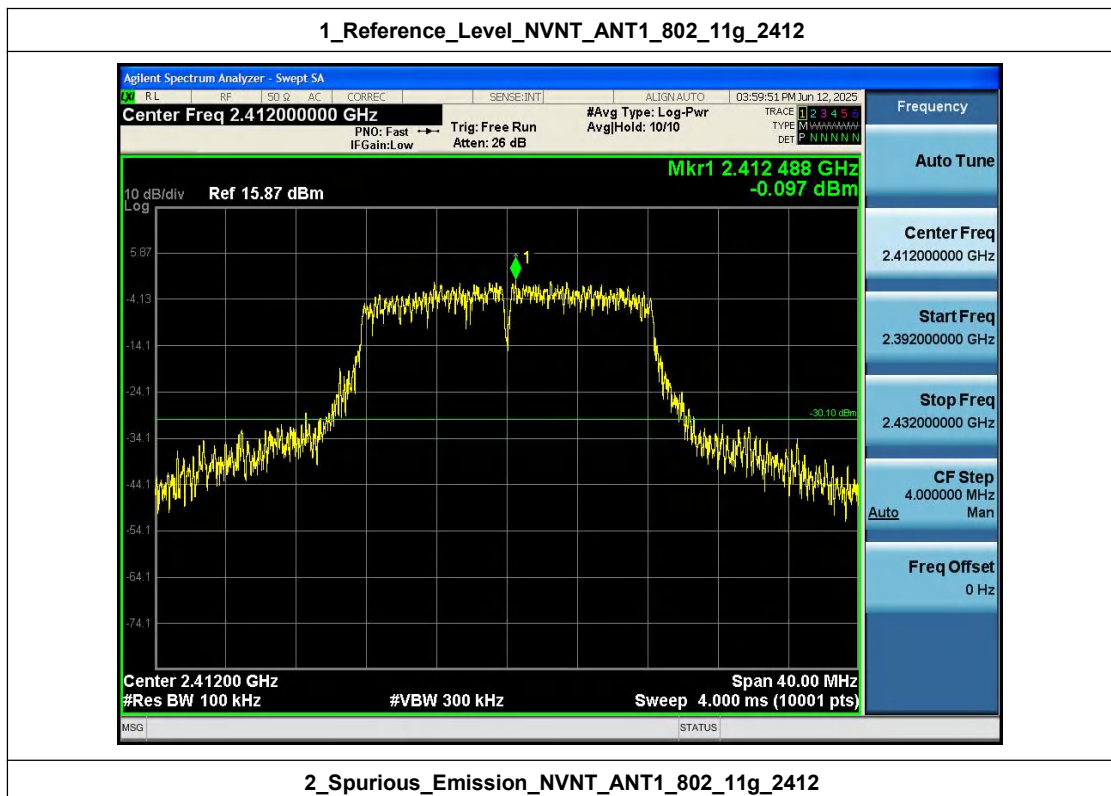
1_Reference_Level_NVNT_ANT1_802_11b_2462



2_Spurious_Emission_NVNT_ANT1_802_11b_2462



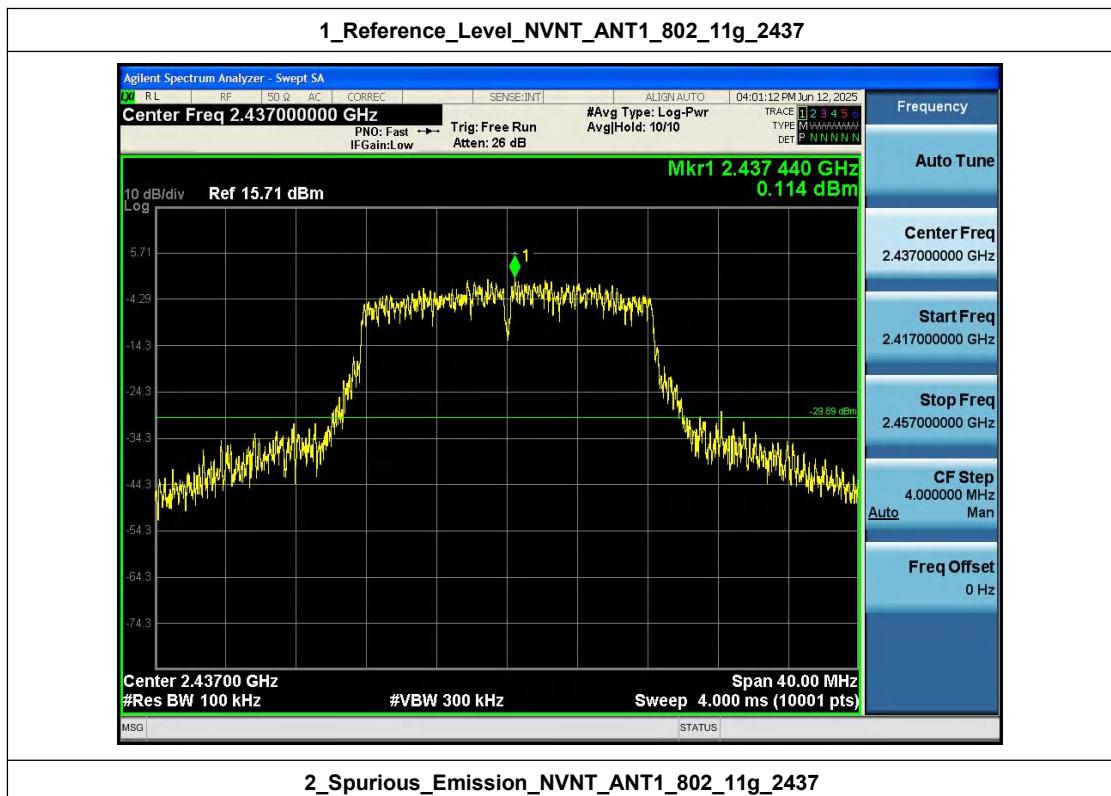
1_Reference_Level_NVNT_ANT1_802_11g_2412



2_Spurious_Emission_NVNT_ANT1_802_11g_2412



1_Reference_Level_NVNT_ANT1_802_11g_2437

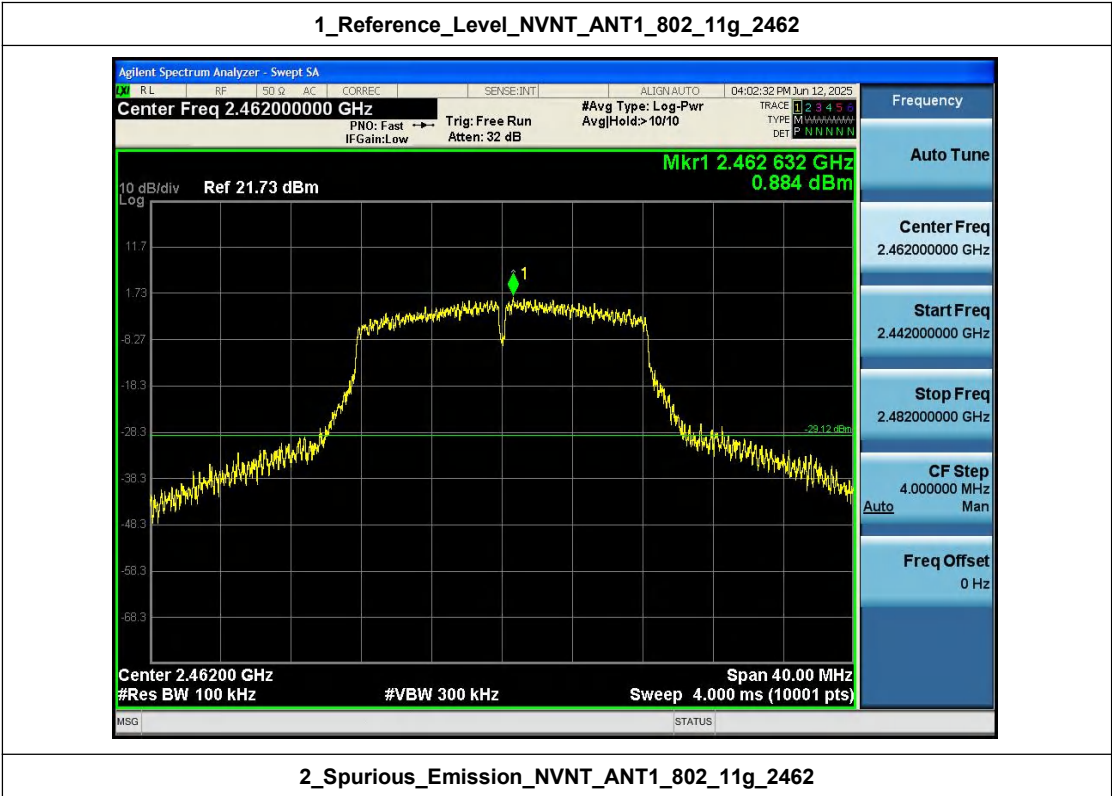


2_Spurious_Emission_NVNT_ANT1_802_11g_2437

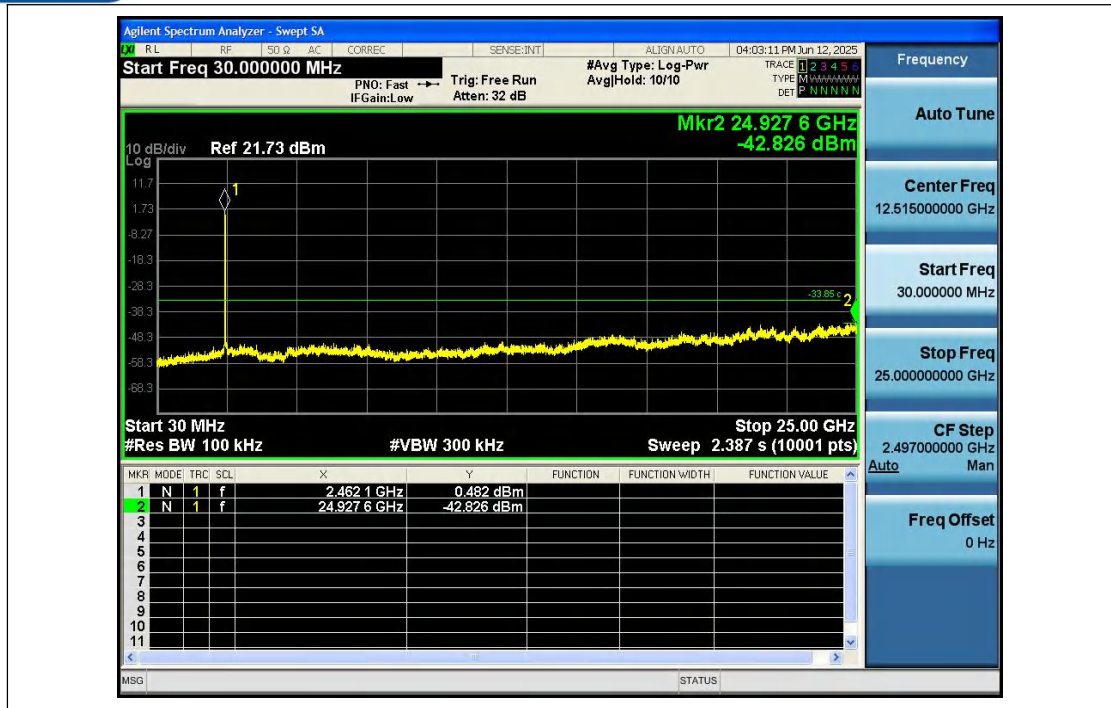




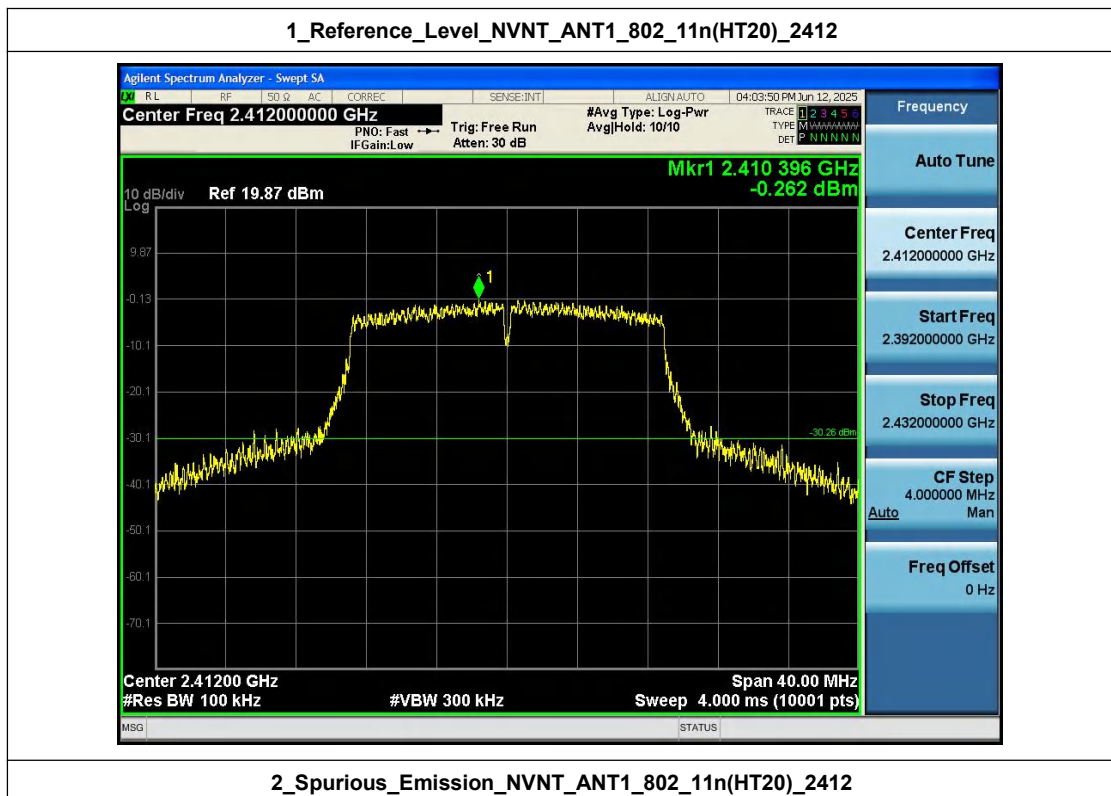
1_Reference_Level_NVNT_ANT1_802_11g_2462



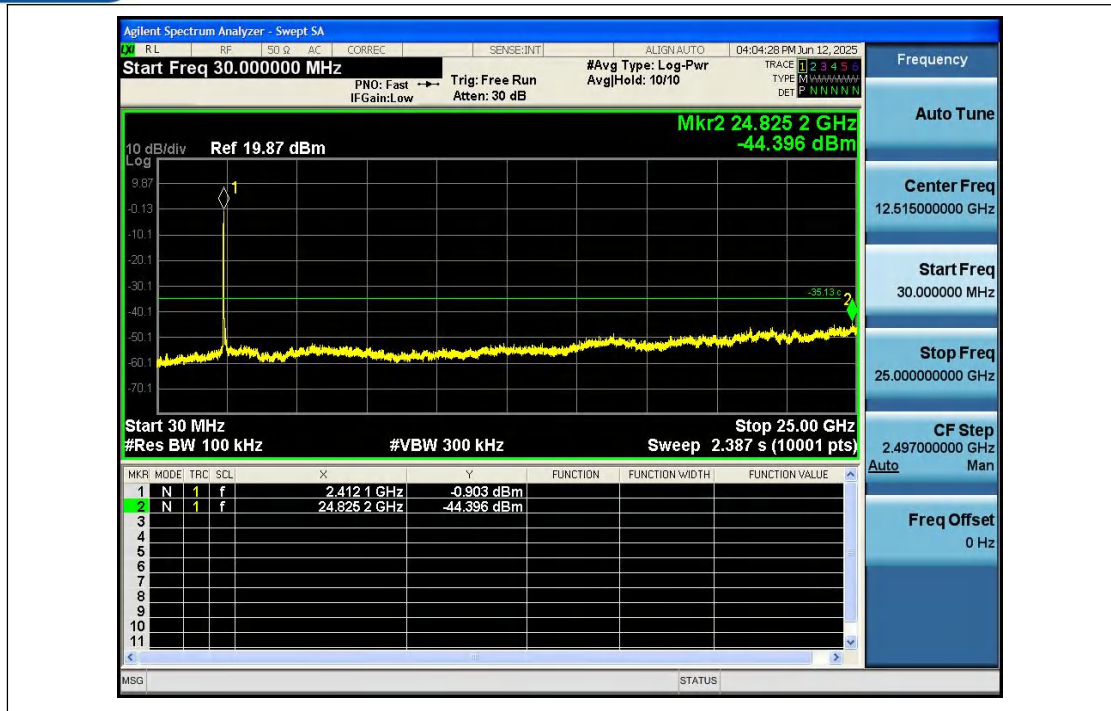
2_Spurious_Emission_NVNT_ANT1_802_11g_2462



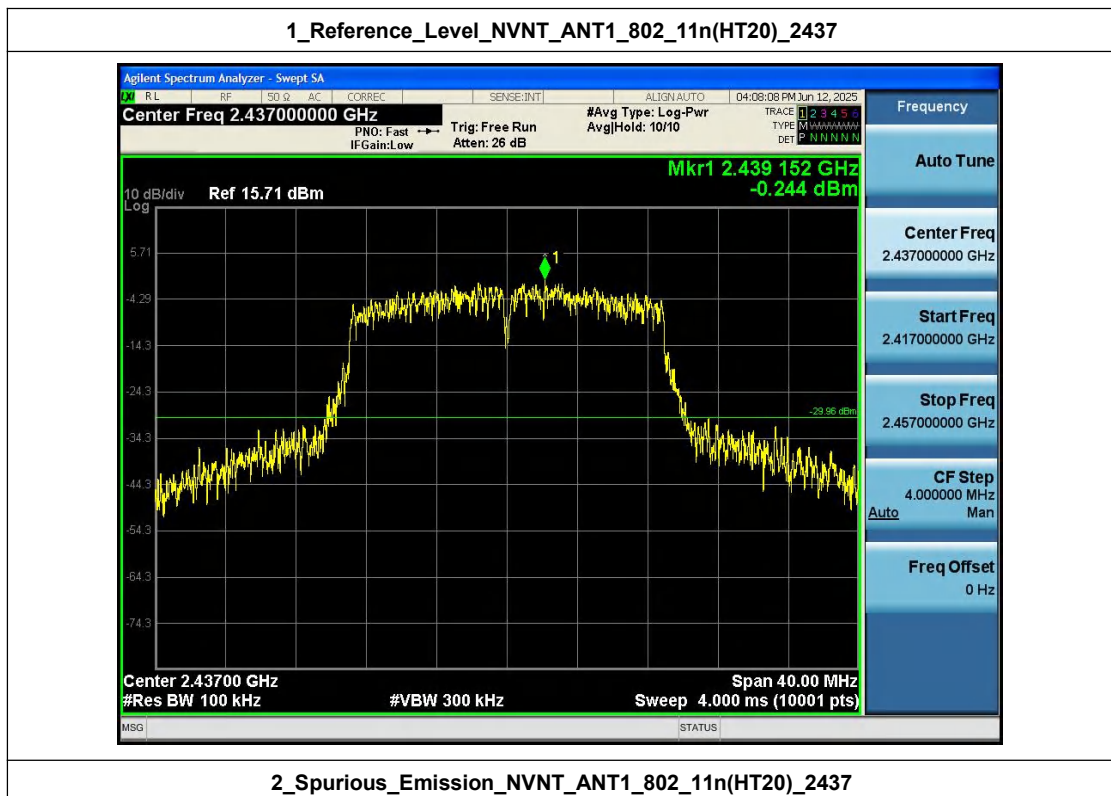
1_Reference_Level_NVNT_ANT1_802_11n(HT20)_2412



2_Spurious_Emission_NVNT_ANT1_802_11n(HT20)_2412



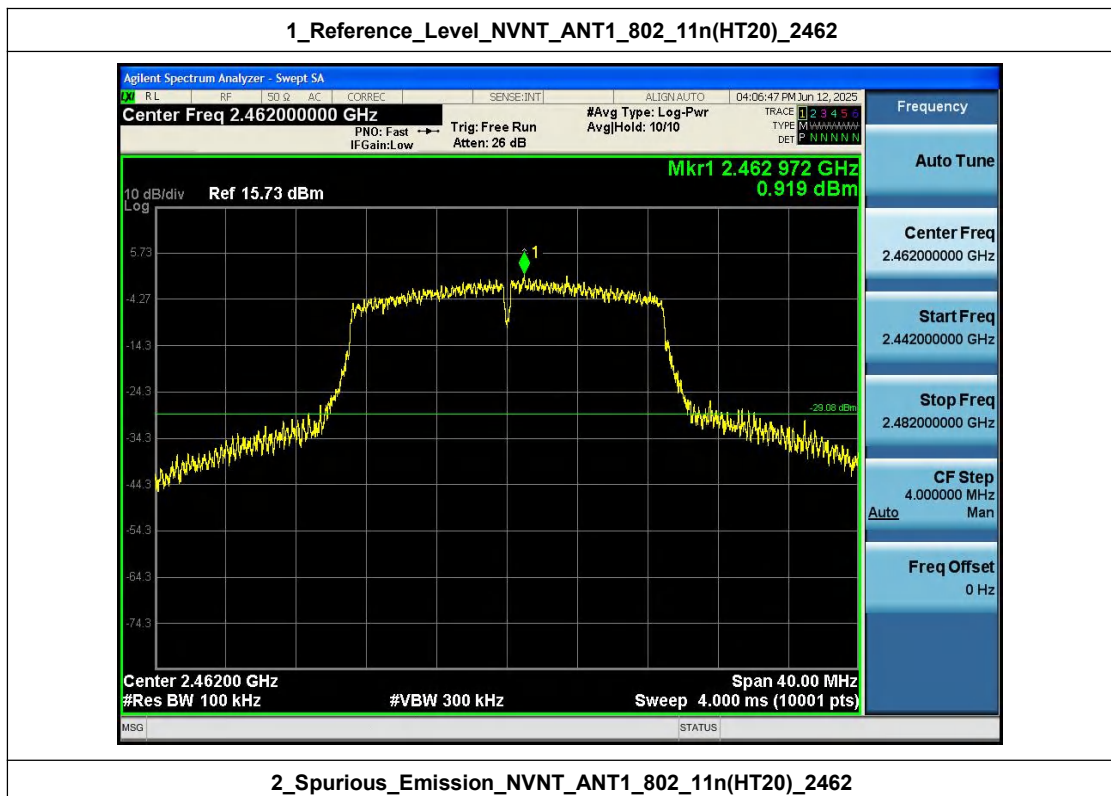
1_Reference_Level_NVNT_ANT1_802_11n(HT20)_2437



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



---END---

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