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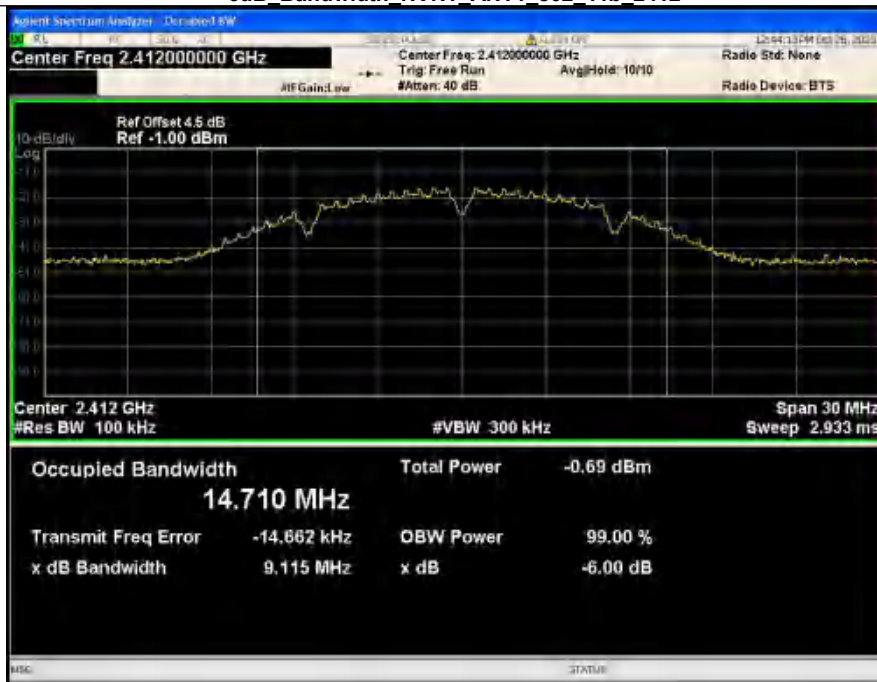
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1. -6dB Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	-6dB BW(MHz)	limit(kHz)	Result
NVNT	ANT1	802.11b	2412.00	9.12	500	Pass
NVNT	ANT1	802.11b	2437.00	9.10	500	Pass
NVNT	ANT1	802.11b	2462.00	9.09	500	Pass
NVNT	ANT1	802.11g	2412.00	16.60	500	Pass
NVNT	ANT1	802.11g	2437.00	16.59	500	Pass
NVNT	ANT1	802.11g	2462.00	16.57	500	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	17.84	500	Pass
NVNT	ANT1	802.11n(HT20)	2437.00	17.78	500	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	17.80	500	Pass
NVNT	ANT1	802.11n(HT40)	2422.00	36.52	500	Pass
NVNT	ANT1	802.11n(HT40)	2437.00	36.55	500	Pass
NVNT	ANT1	802.11n(HT40)	2452.00	36.52	500	Pass

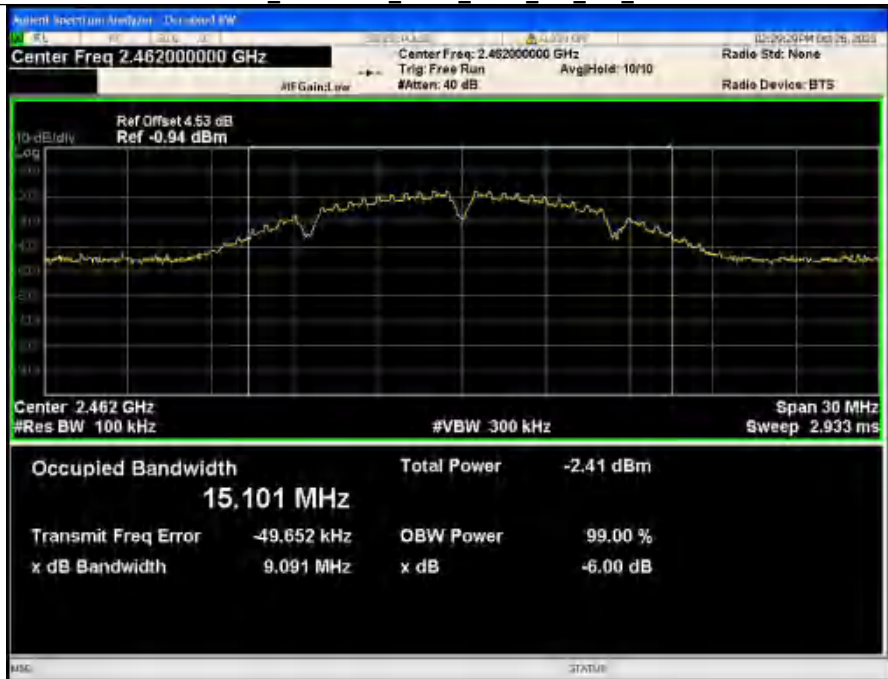
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-6dB_Bandwidth_NVNT_ANT1_802_11b_2437



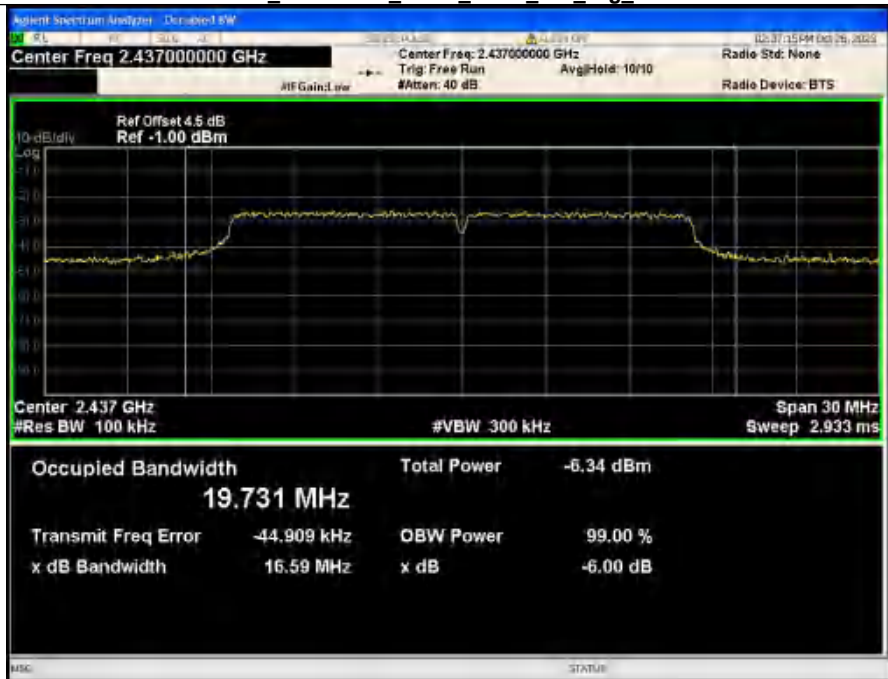
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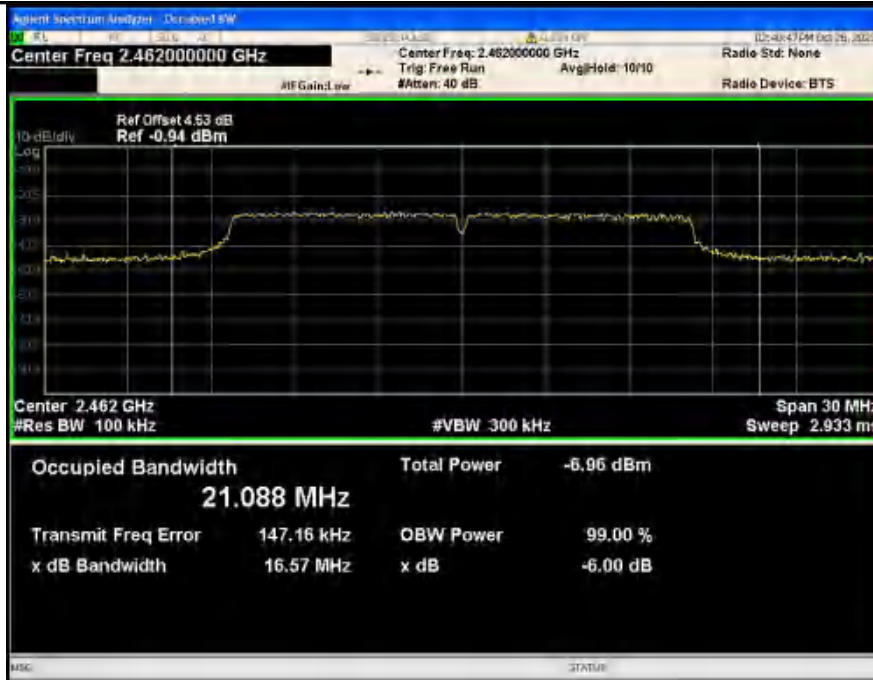
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-6dB_Bandwidth_NVNT_ANT1_802_11g_2437



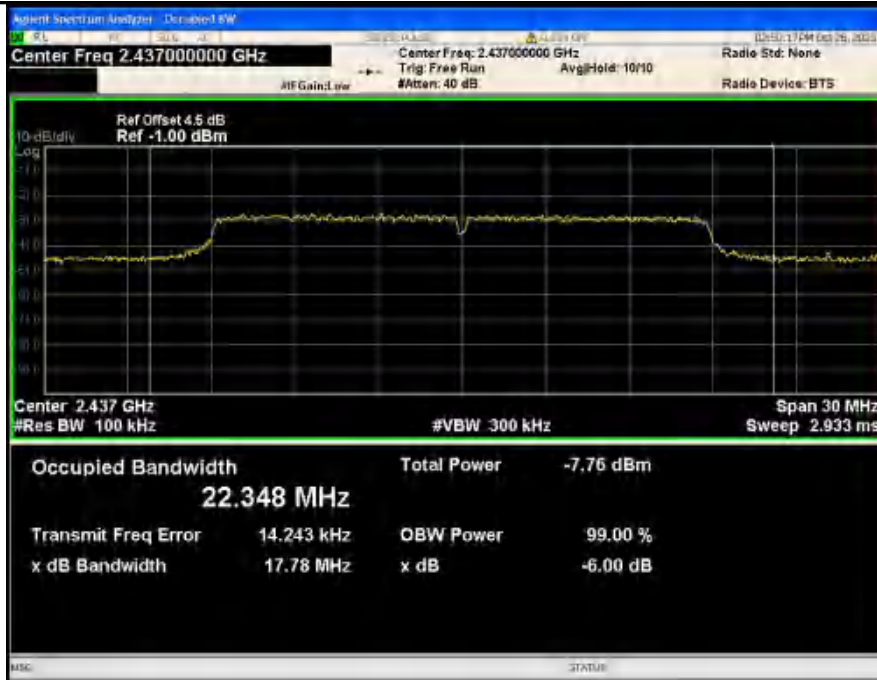
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-6dB_Bandwidth_NVNT_ANT1_802_11n(HT20)_2412



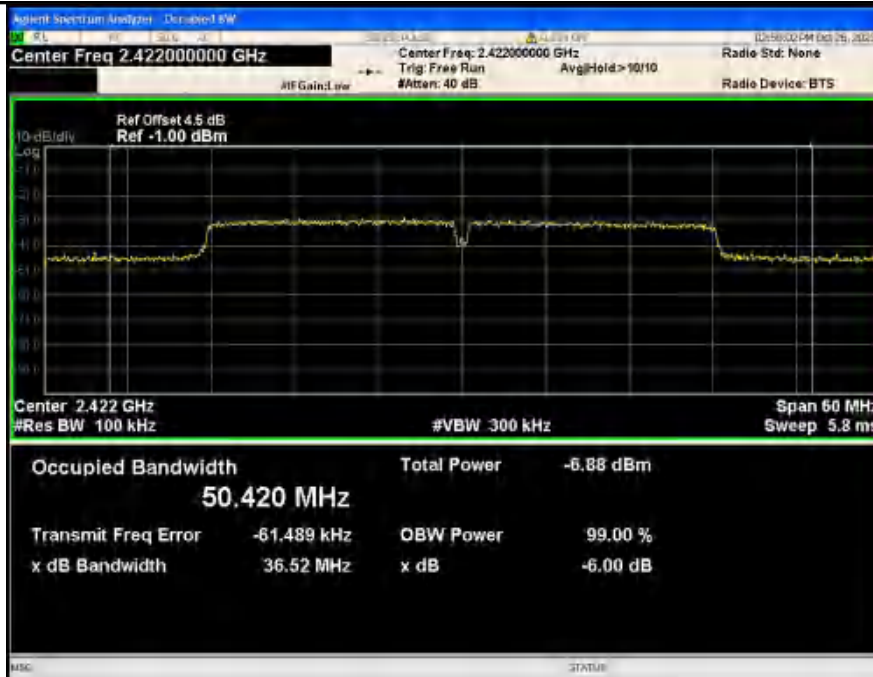
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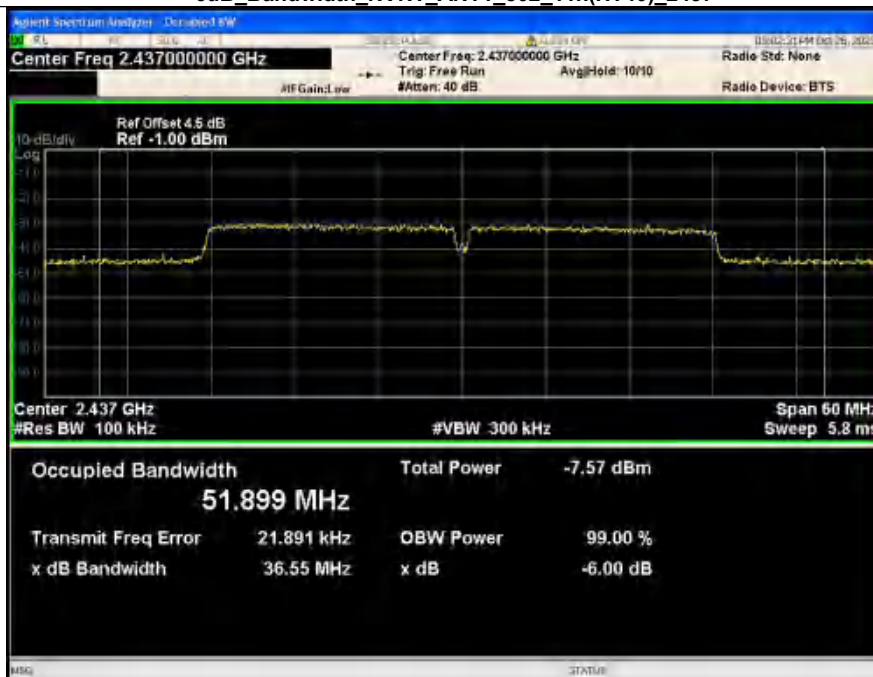
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-6dB_Bandwidth_NVNT_ANT1_802_11n(HT40)_2422



-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	16.736
NVNT	ANT1	802.11b	2437.00	17.997
NVNT	ANT1	802.11b	2462.00	19.153
NVNT	ANT1	802.11g	2412.00	19.058
NVNT	ANT1	802.11g	2437.00	19.706
NVNT	ANT1	802.11g	2462.00	20.585
NVNT	ANT1	802.11n(HT20)	2412.00	20.160
NVNT	ANT1	802.11n(HT20)	2437.00	21.205
NVNT	ANT1	802.11n(HT20)	2462.00	22.134
NVNT	ANT1	802.11n(HT40)	2422.00	46.265
NVNT	ANT1	802.11n(HT40)	2437.00	48.306
NVNT	ANT1	802.11n(HT40)	2452.00	47.889

99%_Occupied_Bandwidth_NVNT_ANT1_802_11b_2412



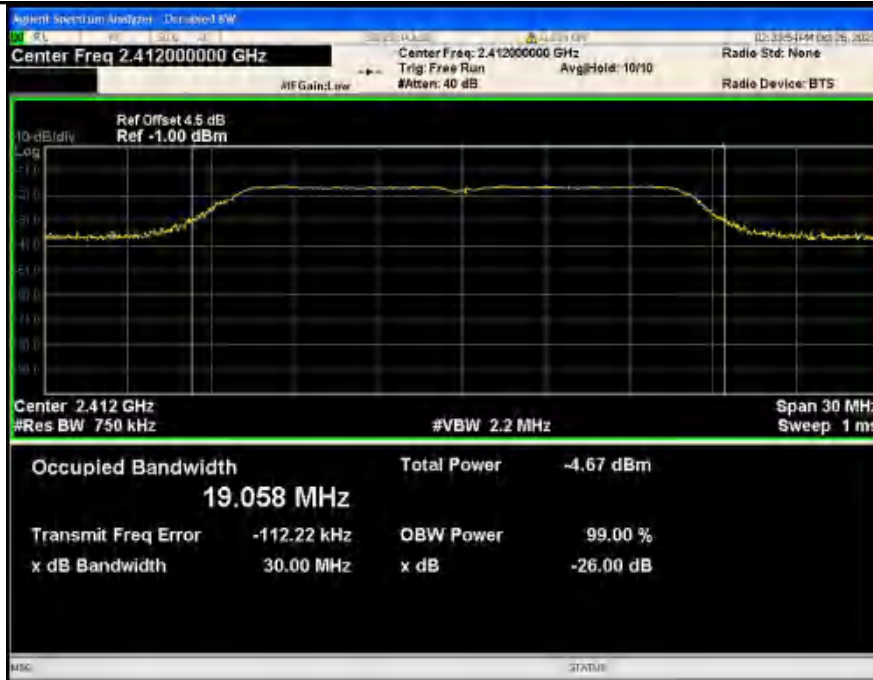
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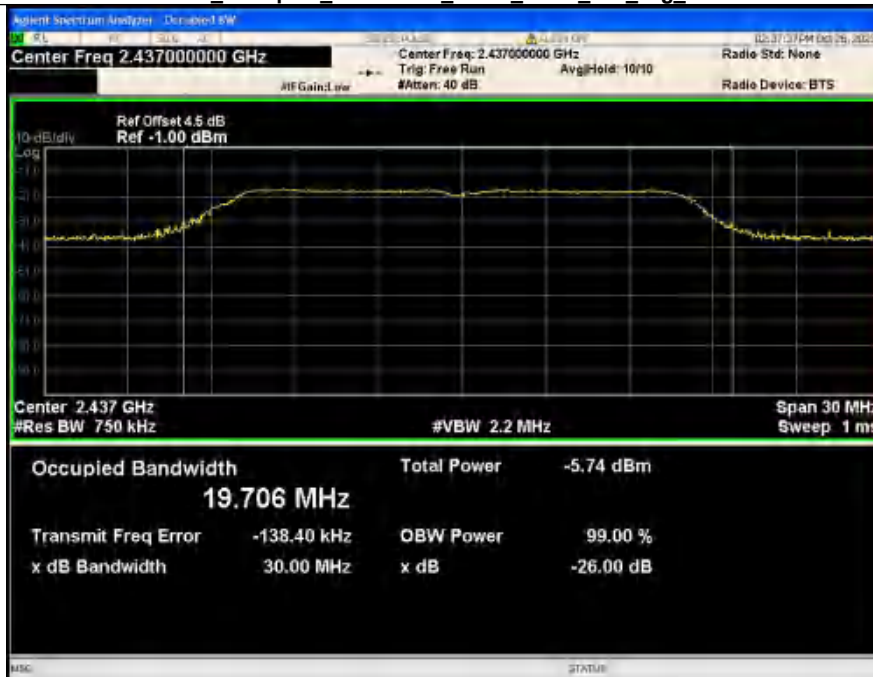
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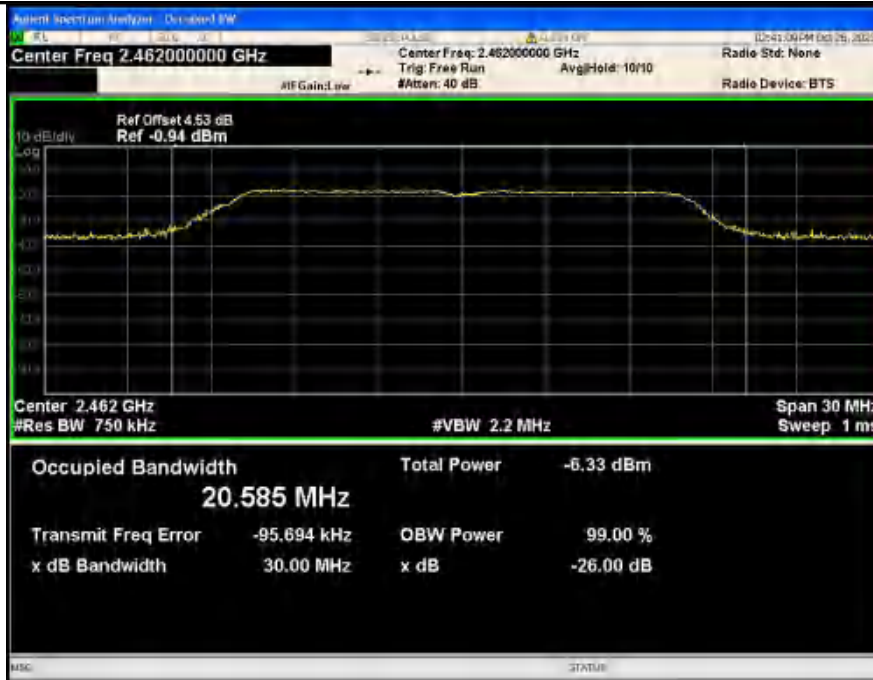
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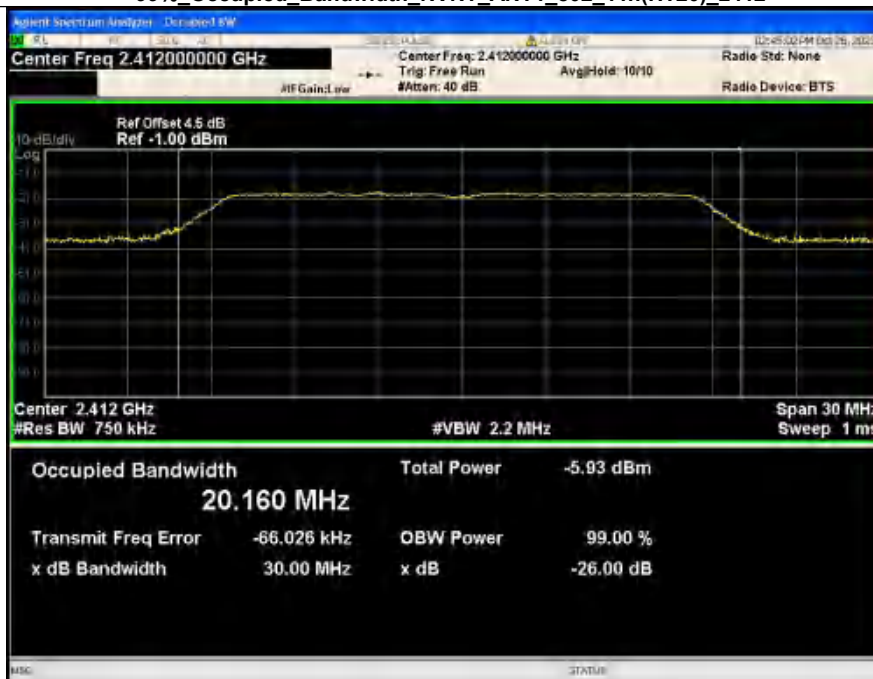
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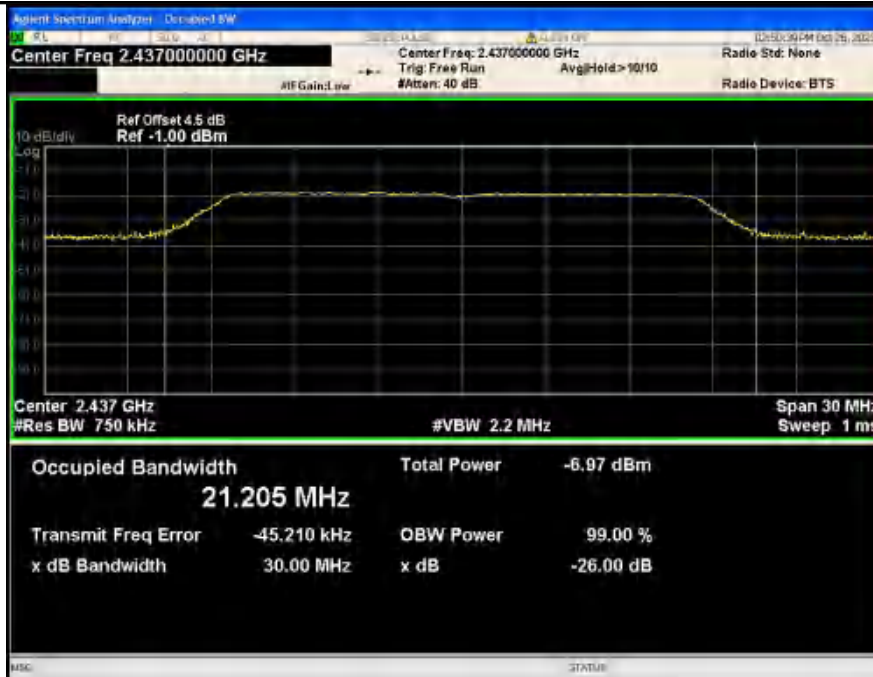
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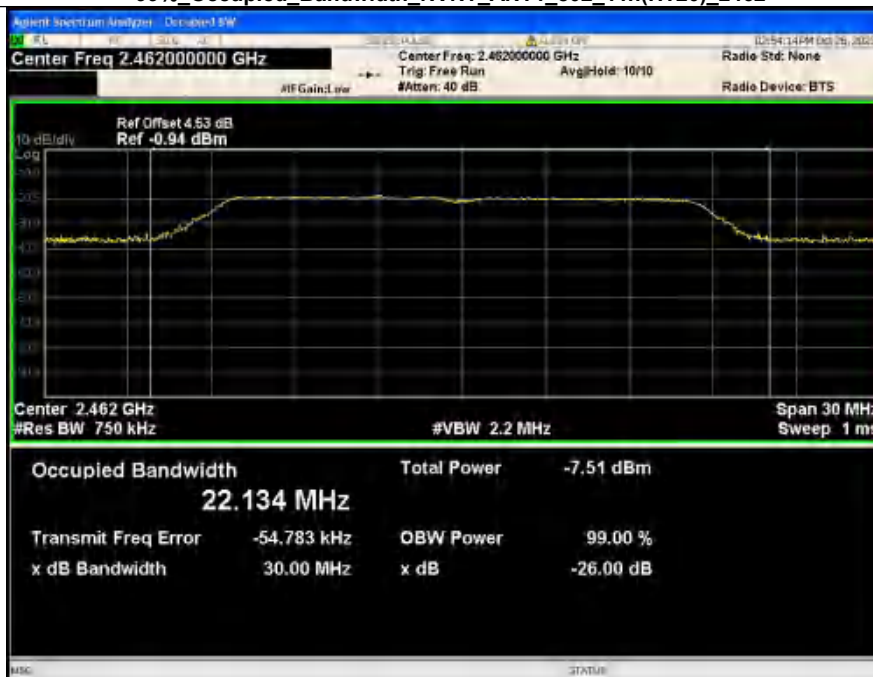
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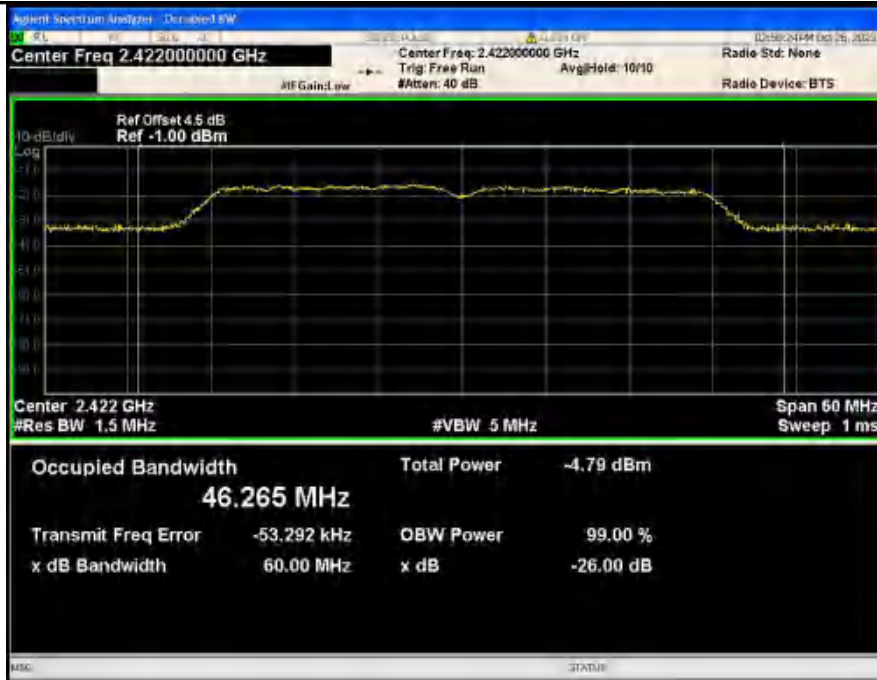
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99%_Occupied_Bandwidth_NVNT_ANT1_802_11n(HT20)_2462



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	2398.032	-59.065	-37.211	Pass
NVNT	ANT1	802.11b	2462.00	2492.320	-76.698	-38.910	Pass
NVNT	ANT1	802.11g	2412.00	2399.936	-58.025	-46.117	Pass
NVNT	ANT1	802.11g	2462.00	2483.584	-74.014	-47.870	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	2399.824	-60.751	-47.239	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	2484.112	-75.088	-48.925	Pass
NVNT	ANT1	802.11n(HT40)	2422.00	2399.892	-62.167	-50.971	Pass
NVNT	ANT1	802.11n(HT40)	2452.00	2483.612	-72.121	-51.533	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

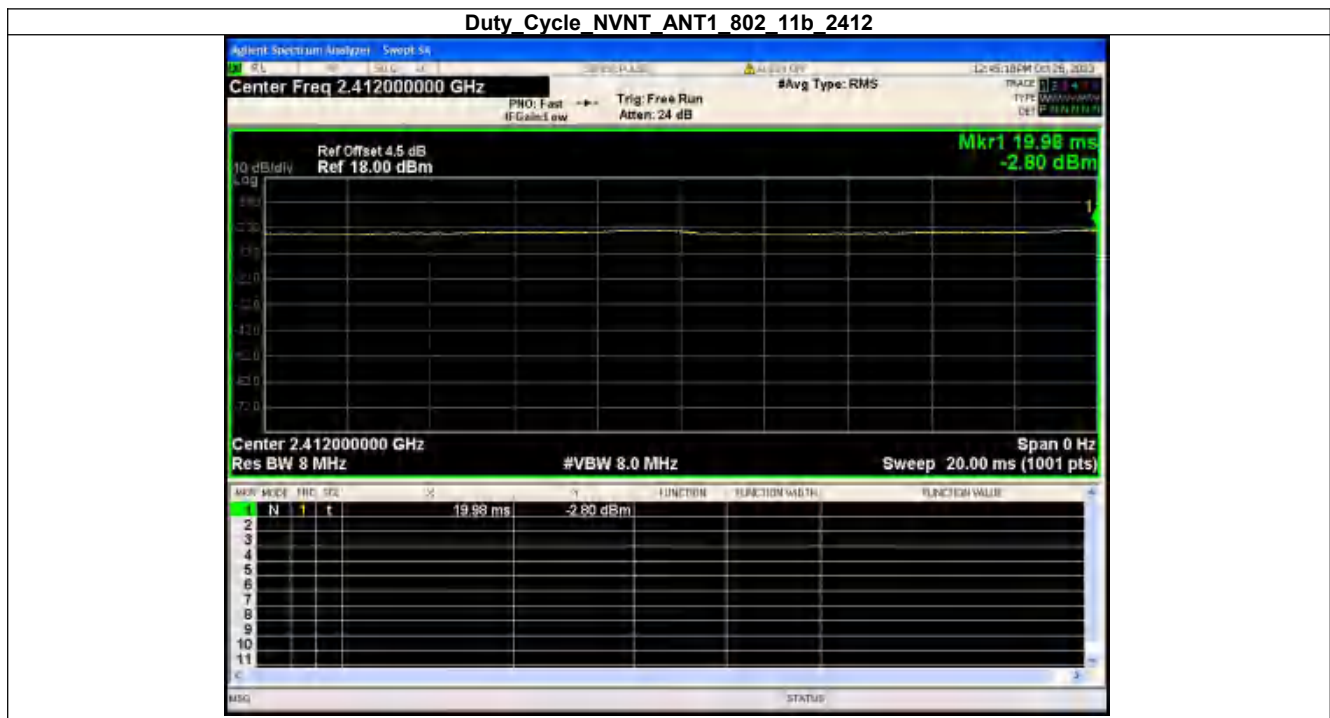


2_Bandedge_NVNT_ANT1_802_11n(HT40)_2452

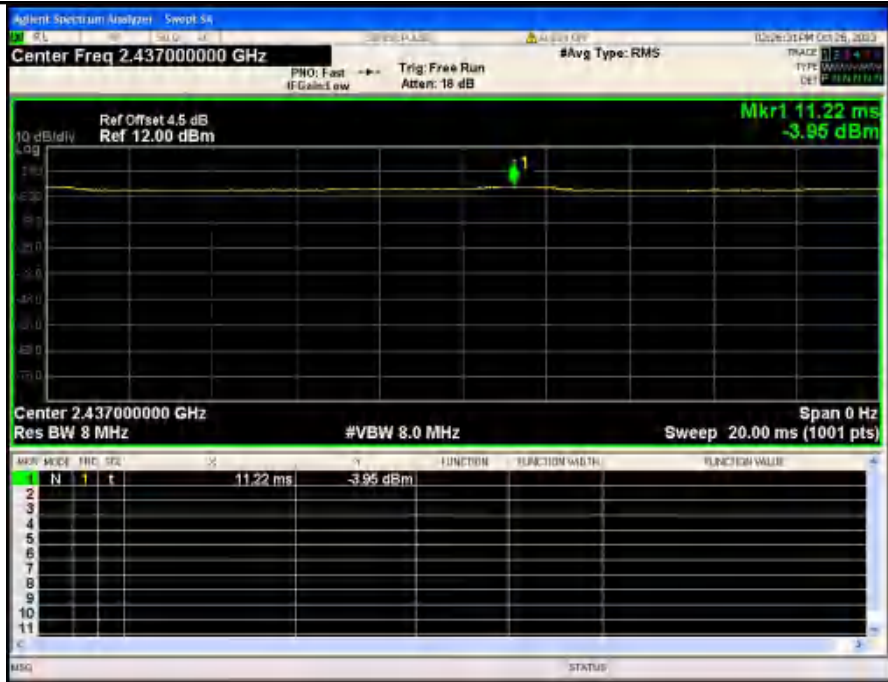


4. Duty Cycle

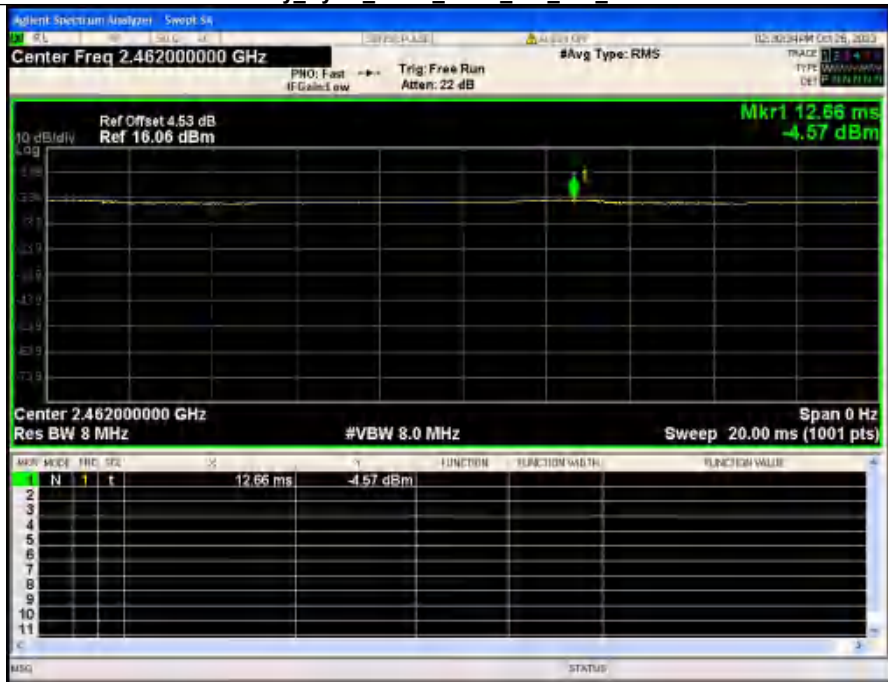
Condition	Antenna	Modulation	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	802.11b	2412.00	100	0.00
NVNT	ANT1	802.11b	2437.00	100	0.00
NVNT	ANT1	802.11b	2462.00	100	0.00
NVNT	ANT1	802.11g	2412.00	100	0.00
NVNT	ANT1	802.11g	2437.00	100	0.00
NVNT	ANT1	802.11g	2462.00	100	0.00
NVNT	ANT1	802.11n(HT20)	2412.00	100	0.00
NVNT	ANT1	802.11n(HT20)	2437.00	100	0.00
NVNT	ANT1	802.11n(HT20)	2462.00	100	0.00
NVNT	ANT1	802.11n(HT40)	2422.00	100	0.00
NVNT	ANT1	802.11n(HT40)	2437.00	100	0.00
NVNT	ANT1	802.11n(HT40)	2452.00	100	0.00



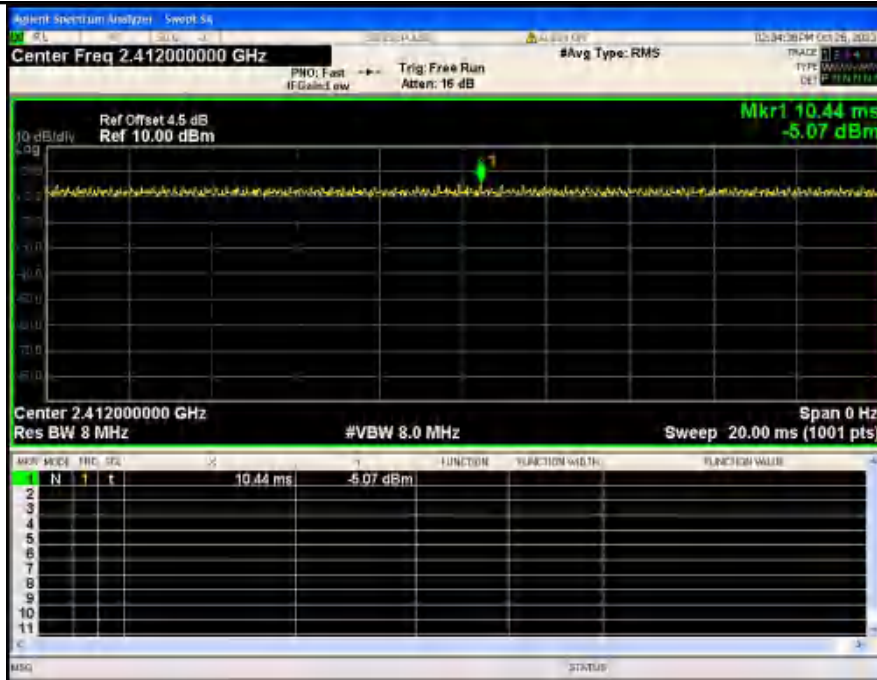
Duty_Cycle_NVNT_ANT1_802_11b_2437



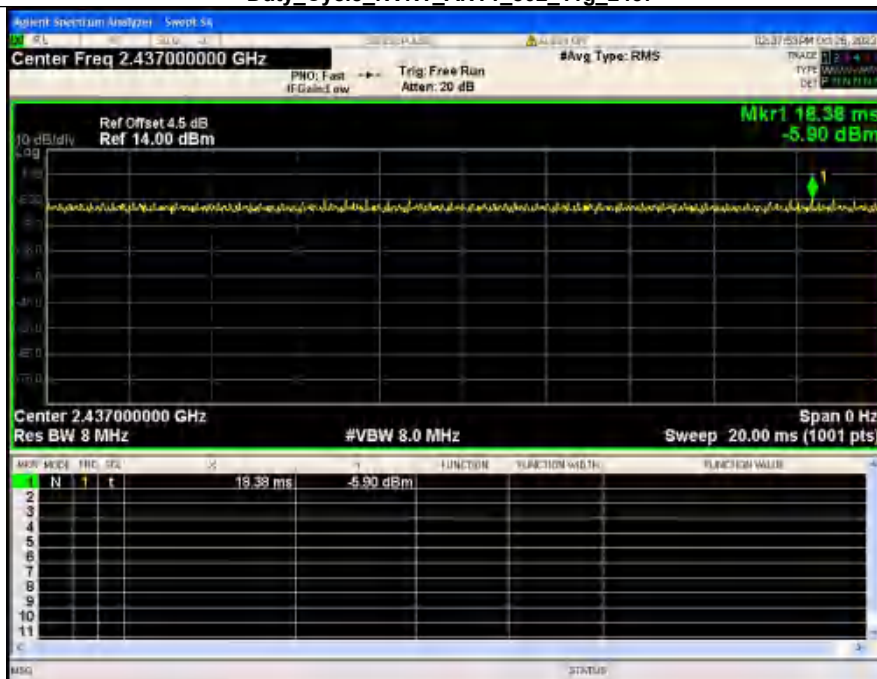
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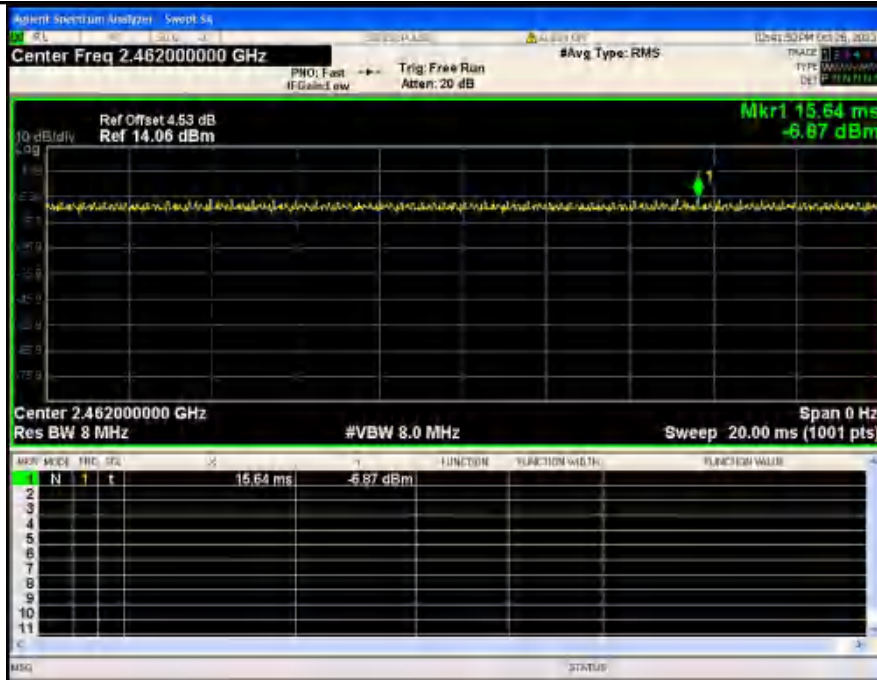
Duty_Cycle_NVNT_ANT1_802_11g_2412



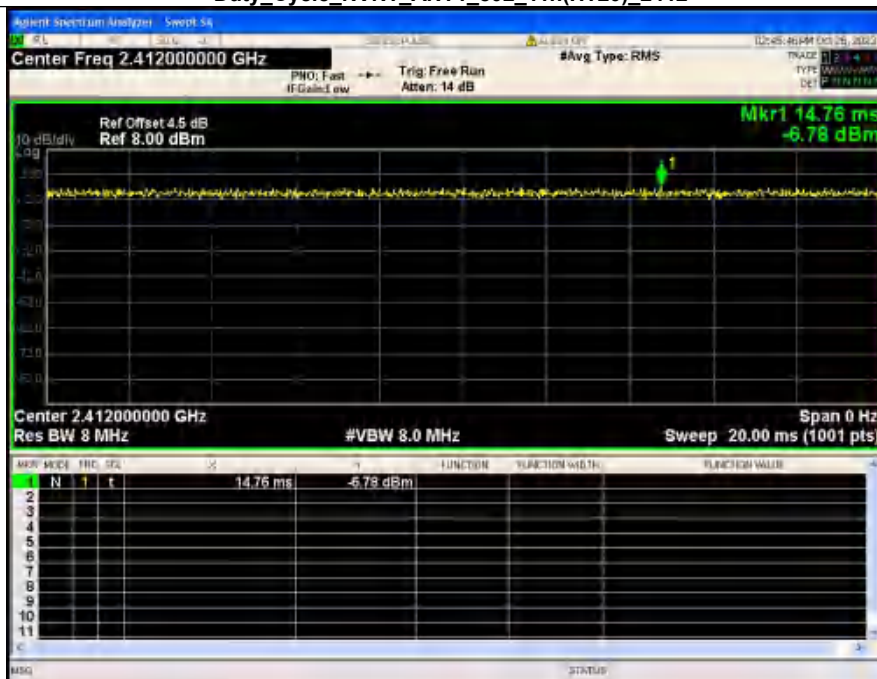
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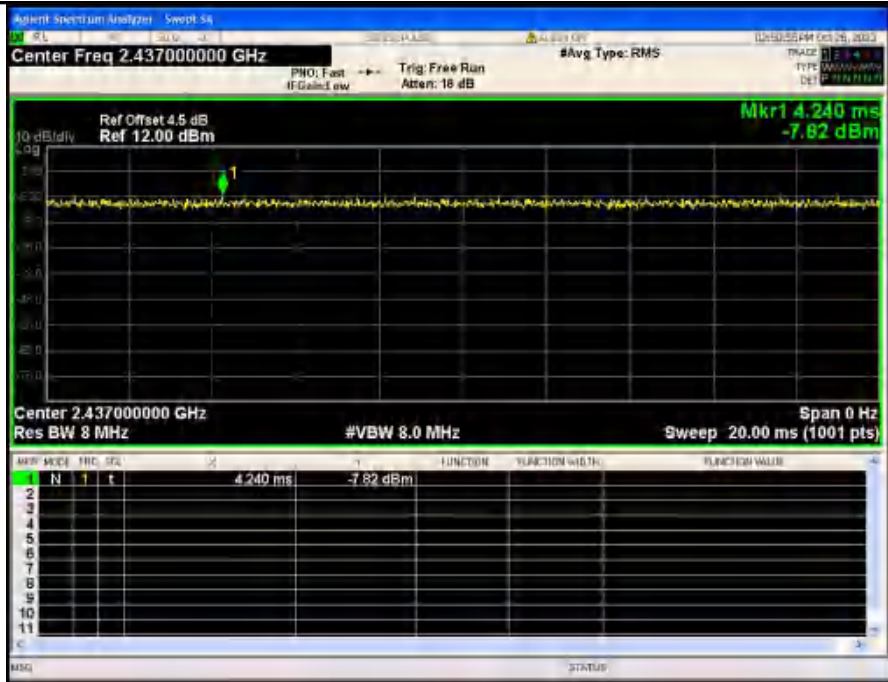
Duty_Cycle_NVNT_ANT1_802_11g_2462



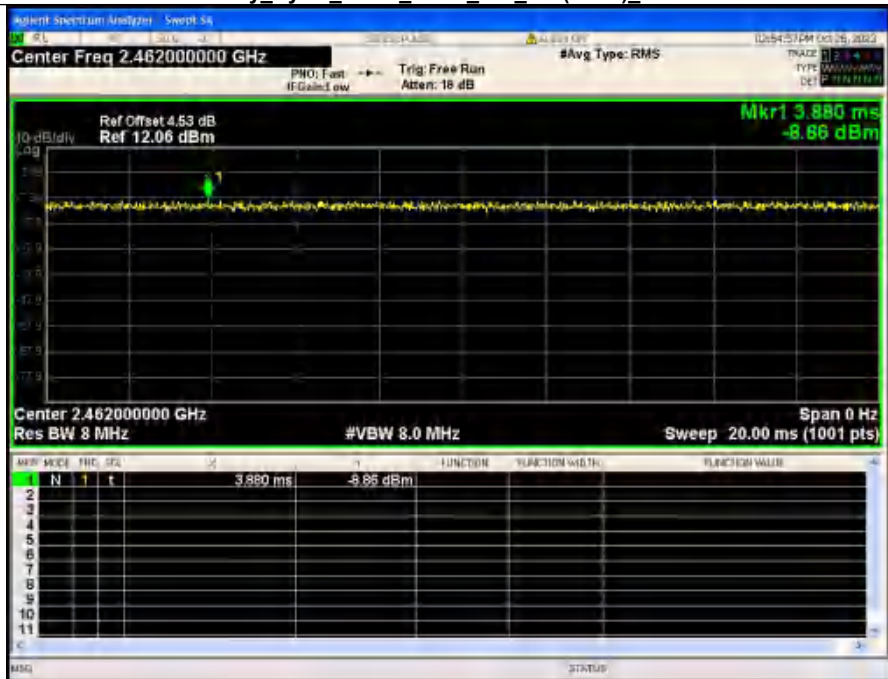
Duty_Cycle_NVNT_ANT1_802_11n(HT20)_2412



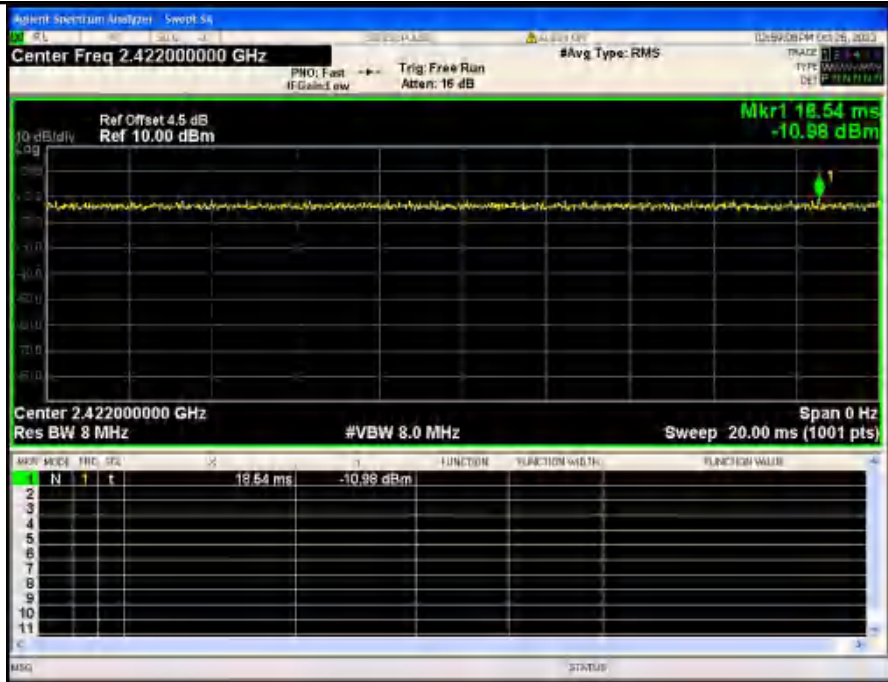
Duty_Cycle_NVNT_ANT1_802_11n(HT20)_2437



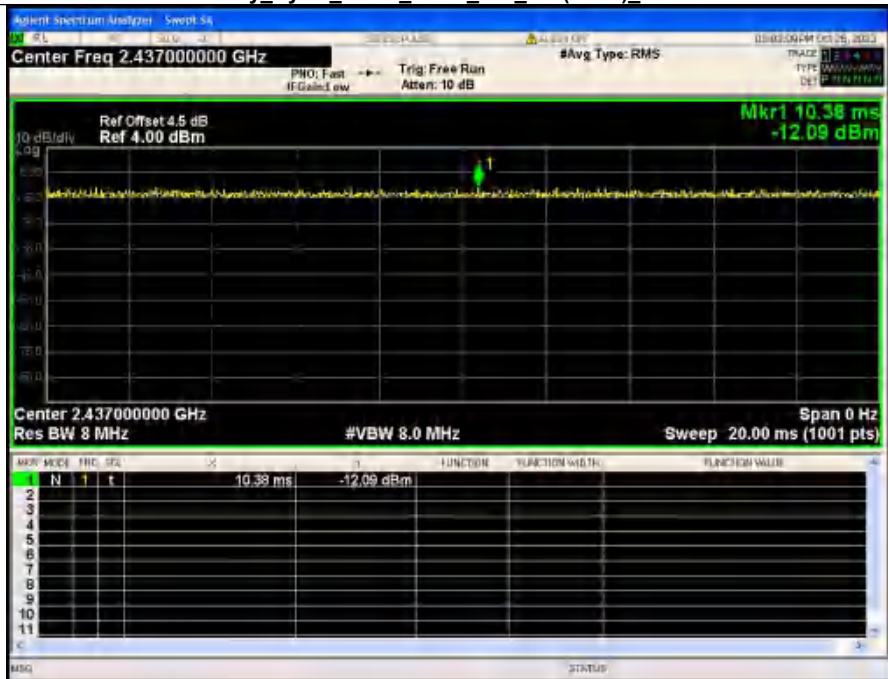
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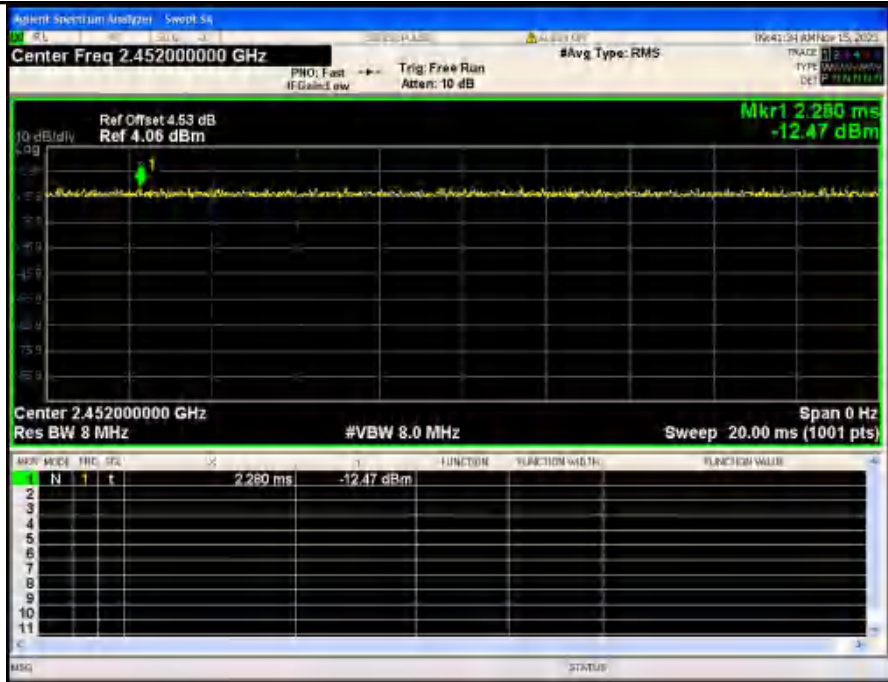
Duty_Cycle_NVNT_ANT1_802_11n(HT40)_2422



Duty_Cycle_NVNT_ANT1_802_11n(HT40)_2437



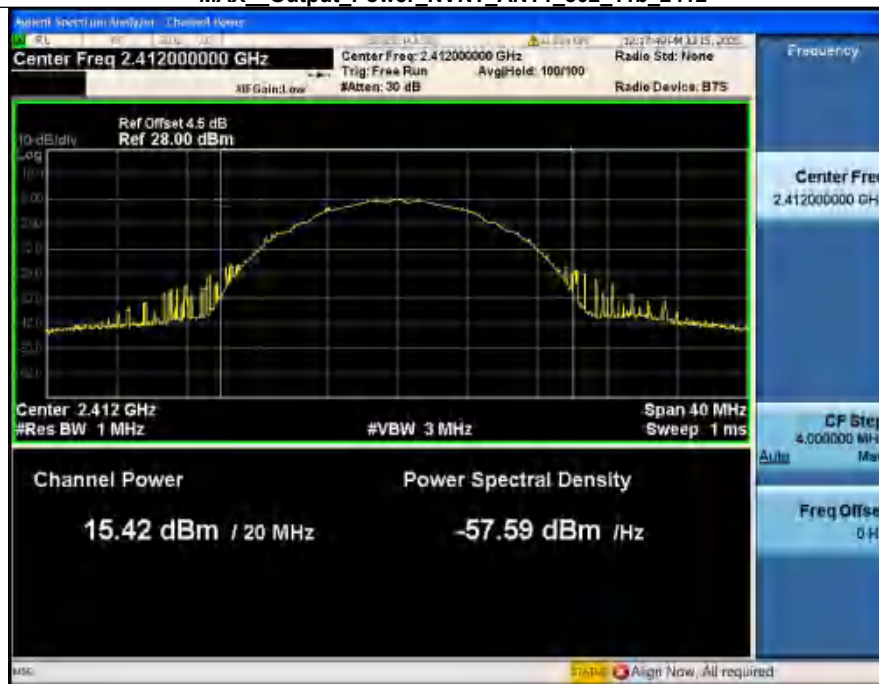
Duty_Cycle_NVNT_ANT1_802_11n(HT40)_2452



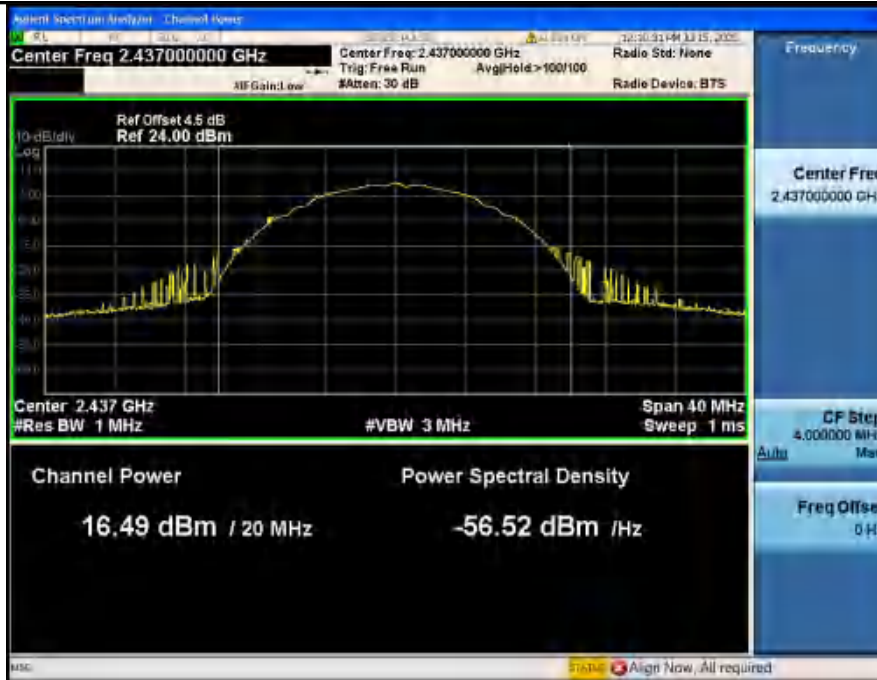
5. MAX. Output Power

Condition	Antenna	Modulation	Frequency (MHz)	Detector	Conducted Power(dBm)	Duty factor(dB)	Total Power(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11b	2412.00	Peak	15.42	N/A	15.42	30	Pass
NVNT	ANT1	802.11b	2437.00	Peak	16.49	N/A	16.49	30	Pass
NVNT	ANT1	802.11b	2462.00	Peak	17.28	N/A	17.28	30	Pass
NVNT	ANT1	802.11g	2412.00	Peak	15.34	N/A	15.34	30	Pass
NVNT	ANT1	802.11g	2437.00	Peak	16.27	N/A	16.27	30	Pass
NVNT	ANT1	802.11g	2462.00	Peak	17.10	N/A	17.10	30	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	Peak	15.64	N/A	15.64	30	Pass
NVNT	ANT1	802.11n(HT20)	2437.00	Peak	16.27	N/A	16.27	30	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	Peak	16.97	N/A	16.97	30	Pass
NVNT	ANT1	802.11n(HT40)	2422.00	Peak	15.73	N/A	15.73	30	Pass
NVNT	ANT1	802.11n(HT40)	2437.00	Peak	16.30	N/A	16.30	30	Pass
NVNT	ANT1	802.11n(HT40)	2452.00	Peak	16.81	N/A	16.81	30	Pass

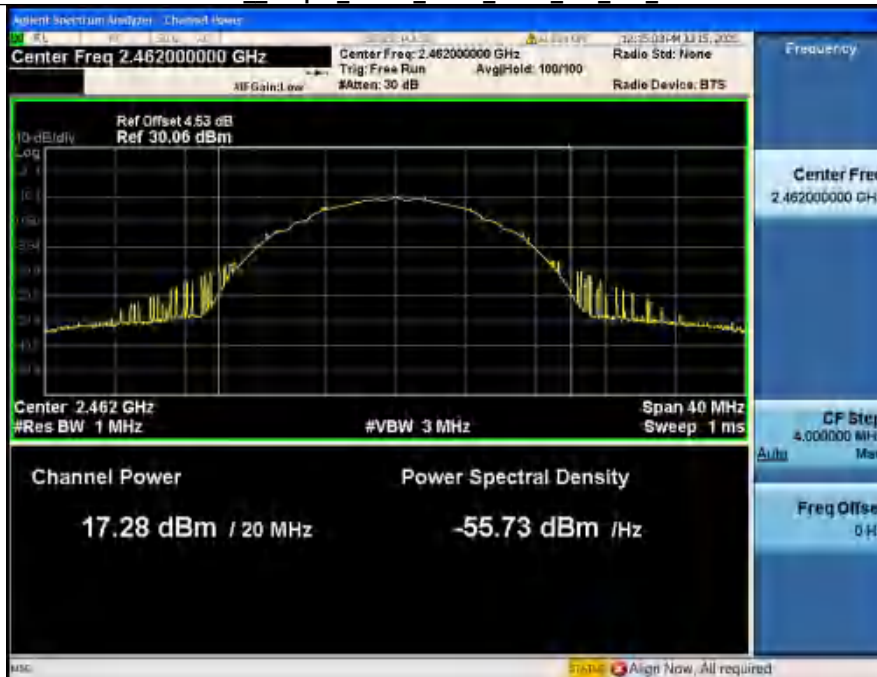
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MAX_Output_Power_NVNT_ANT1_802_11b_2437



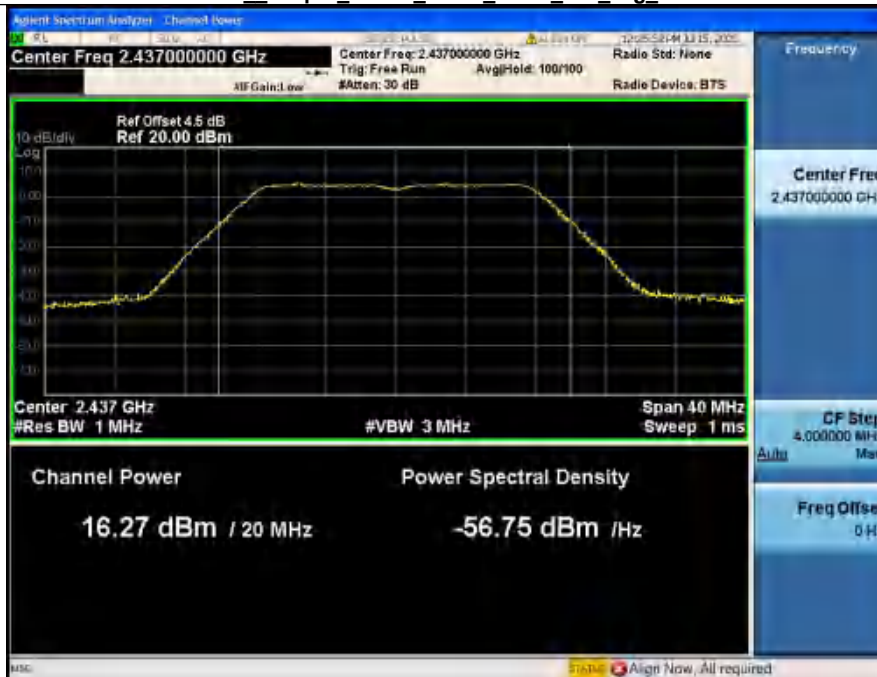
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MAX_Output_Power_NVNT_ANT1_802_11g_2412



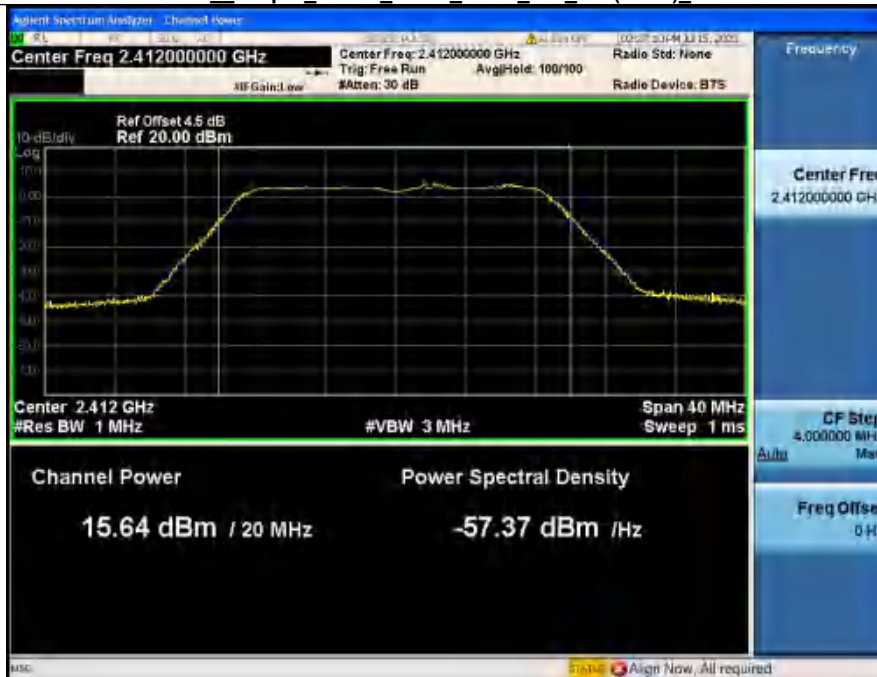
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MAX_Output_Power_NVNT_ANT1_802_11g_2462



MAX Output Power_NVNT_ANT1_802_11n(HT20)_2412



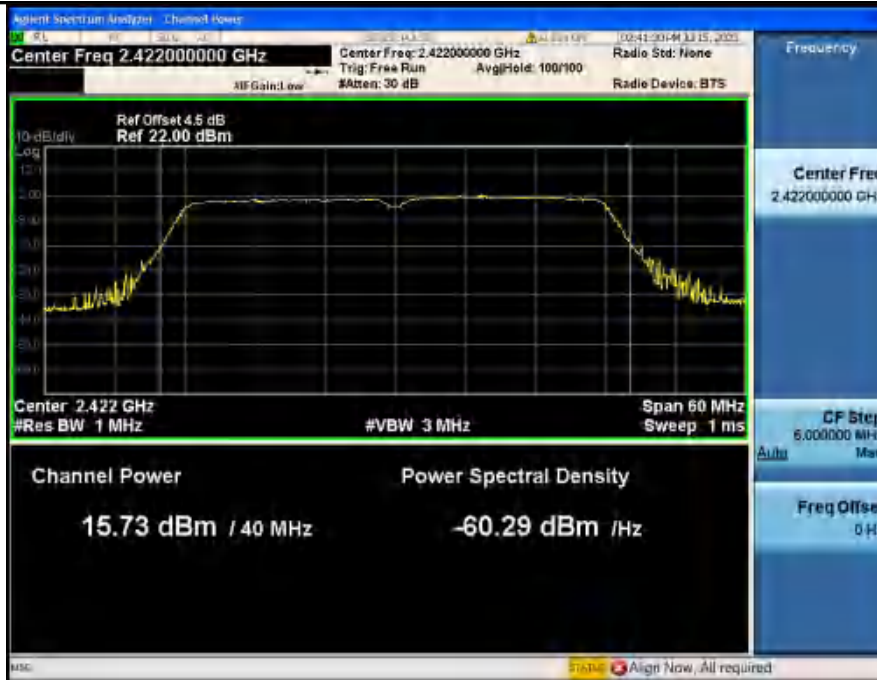
MAX Output Power_NVNT_ANT1_802_11n(HT20)_2437



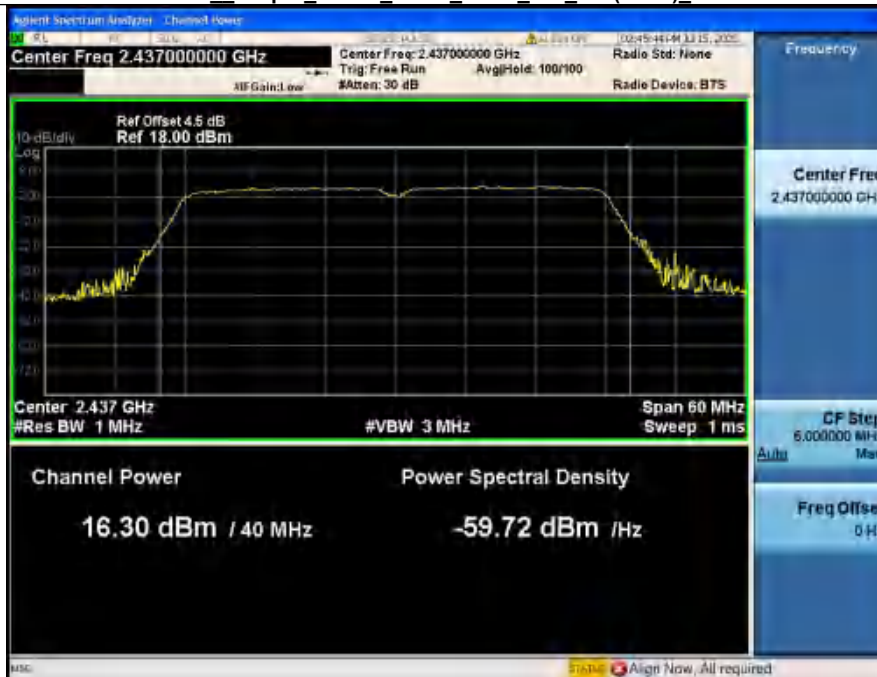
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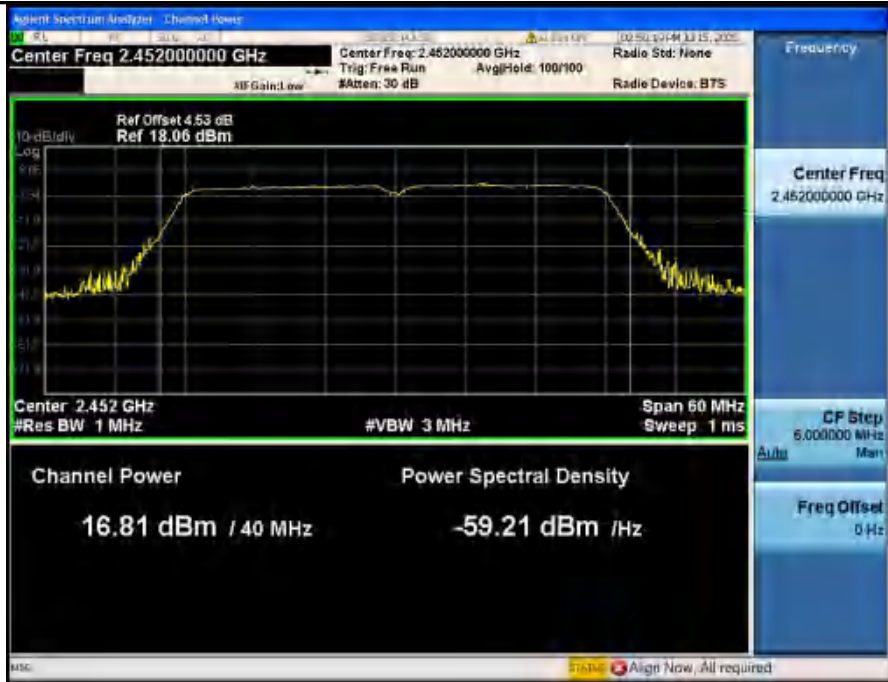
MAX_Output_Power_NVNT_ANT1_802_11n(HT40)_2422



MAX_Output_Power_NVNT_ANT1_802_11n(HT40)_2437



MAX_Output_Power_NVNT_ANT1_802_11n(HT40)_2452



6. Power Spectral Density

Condition	Antenna	Modulation	Frequency (MHz)	PSD(dBm/3kHz)	limit(dBm/3kHz)	Result
NVNT	ANT1	802.11b	2412.00	-8.95	8	Pass
NVNT	ANT1	802.11b	2437.00	-8.10	8	Pass
NVNT	ANT1	802.11b	2462.00	-7.26	8	Pass
NVNT	ANT1	802.11g	2412.00	-17.04	8	Pass
NVNT	ANT1	802.11g	2437.00	-15.94	8	Pass
NVNT	ANT1	802.11g	2462.00	-15.32	8	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	-17.63	8	Pass
NVNT	ANT1	802.11n(HT20)	2437.00	-16.78	8	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	-16.03	8	Pass
NVNT	ANT1	802.11n(HT40)	2422.00	-19.43	8	Pass
NVNT	ANT1	802.11n(HT40)	2437.00	-19.19	8	Pass
NVNT	ANT1	802.11n(HT40)	2452.00	-18.77	8	Pass



Power_Spectral_Density_NVNT_ANT1_802_11b_2437



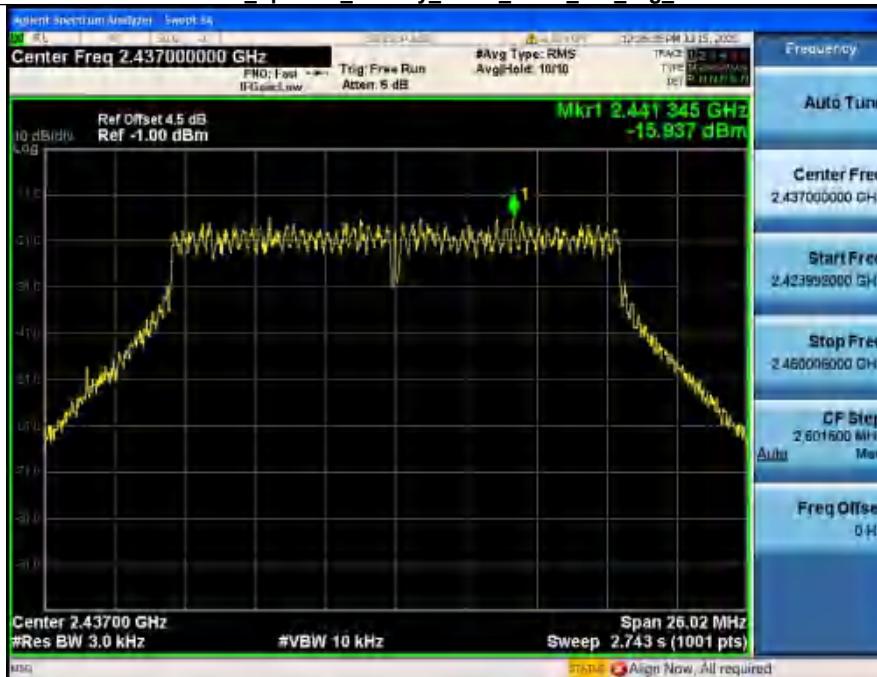
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Power_Spectral_Density_NVNT_ANT1_802_11g_2412



Power_Spectral_Density_NVNT_ANT1_802_11g_2437



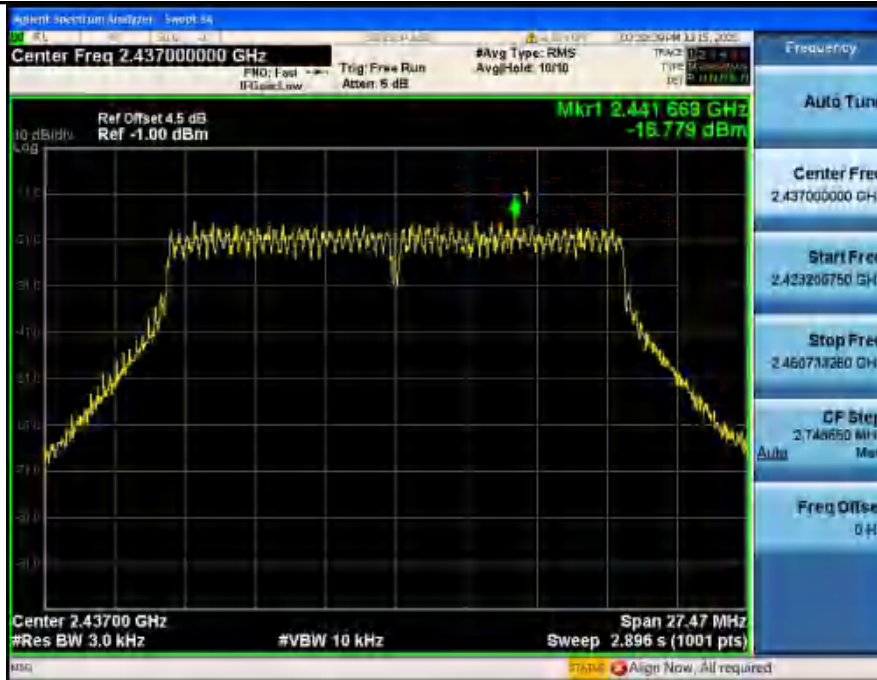
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Power_Spectral_Density_NVNT_ANT1_802_11n(HT20)_2412



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



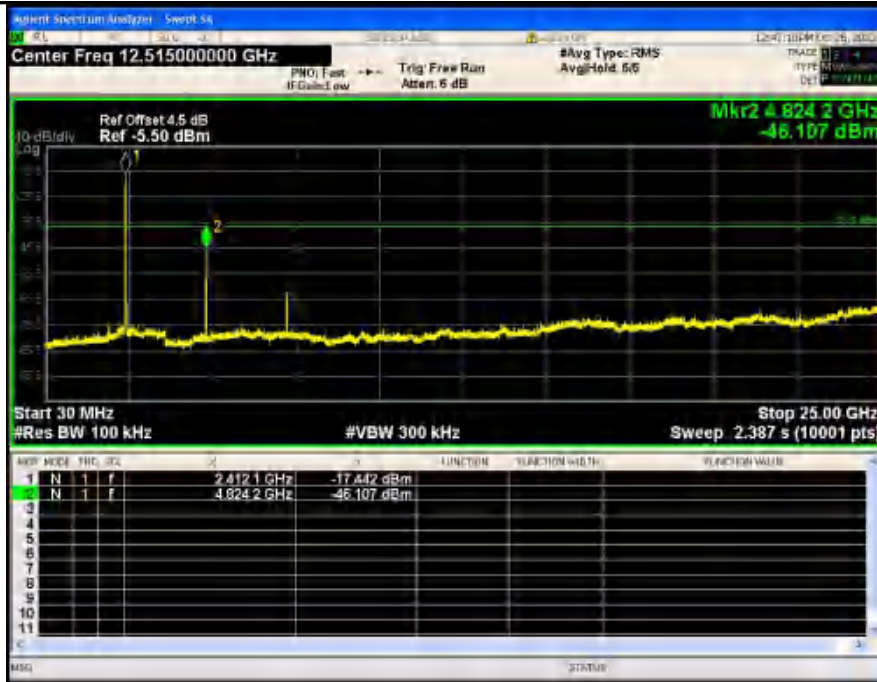
7. Spurious Emission

Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark_frequency(MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11b	2412.00	4824.240	-46.107	-37.211	Pass
NVNT	ANT1	802.11b	2437.00	4874.180	-46.202	-38.443	Pass
NVNT	ANT1	802.11b	2462.00	4924.120	-43.576	-38.910	Pass
NVNT	ANT1	802.11g	2412.00	4824.240	-61.821	-46.117	Pass
NVNT	ANT1	802.11g	2437.00	4874.180	-62.023	-47.297	Pass
NVNT	ANT1	802.11g	2462.00	2519.509	-53.126	-47.870	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	4824.240	-63.089	-47.239	Pass
NVNT	ANT1	802.11n(HT20)	2437.00	4874.180	-63.255	-48.297	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	4924.120	-60.426	-48.925	Pass
NVNT	ANT1	802.11n(HT40)	2422.00	4844.216	-64.939	-50.971	Pass
NVNT	ANT1	802.11n(HT40)	2437.00	3488.345	-63.673	-51.806	Pass
NVNT	ANT1	802.11n(HT40)	2452.00	4904.144	-61.274	-51.930	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



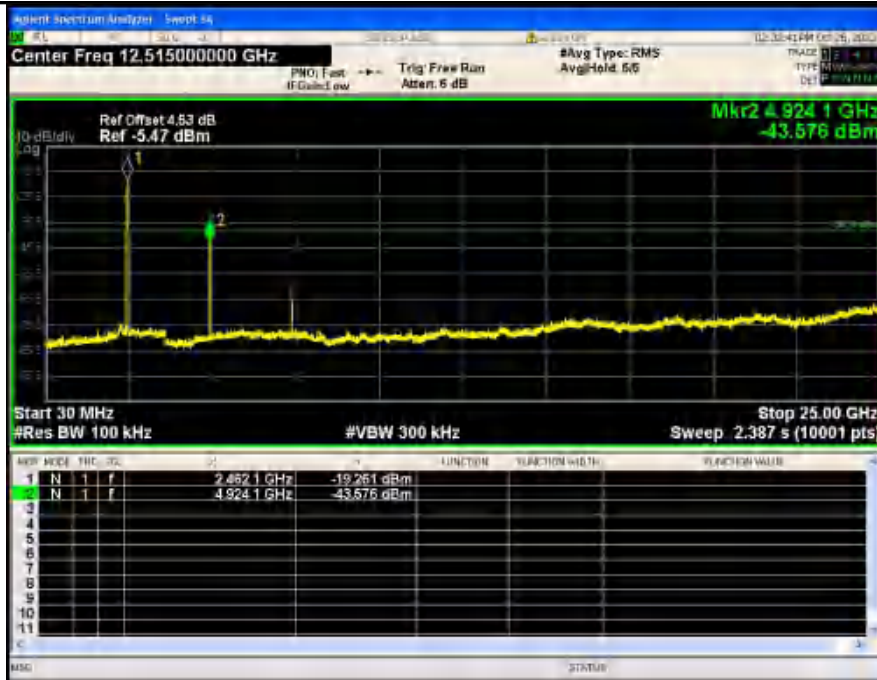
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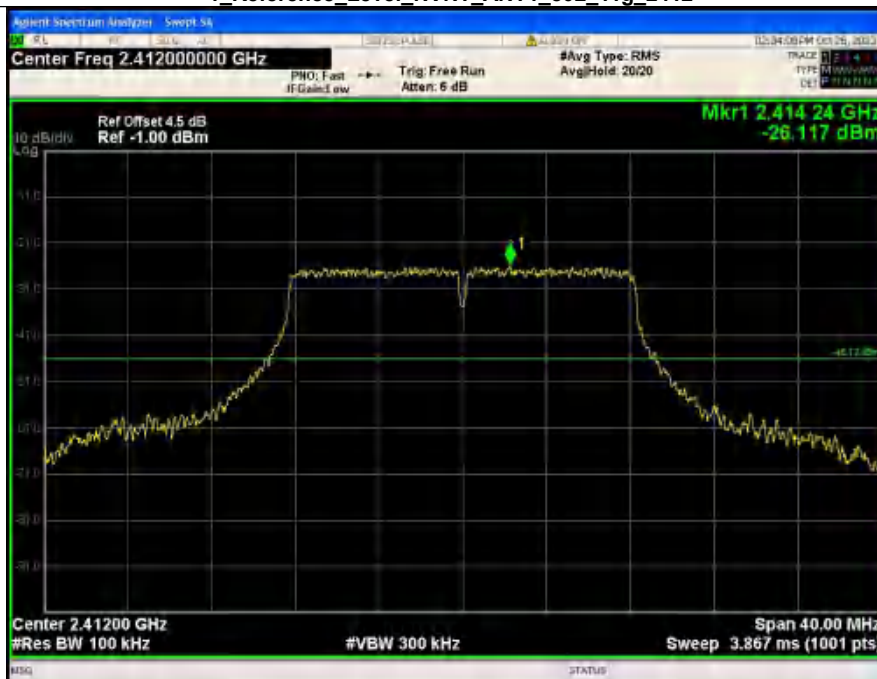
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2_Spurious_Emission_NVNT_ANT1_802_11b_2462



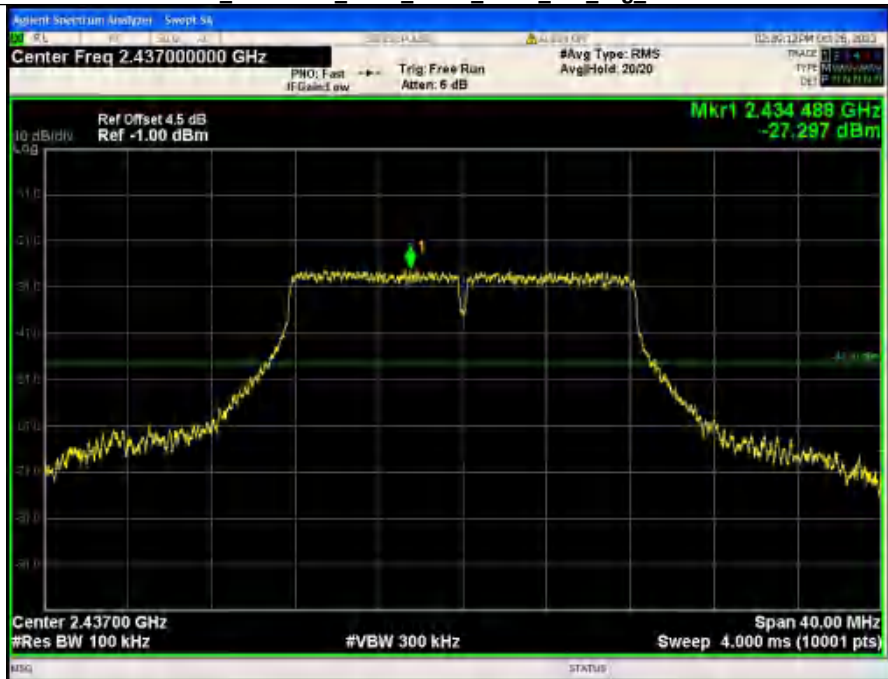
1_Reference_Level_NVNT_ANT1_802_11g_2412



2_Spurious_Emission_NVNT_ANT1_802_11g_2412



1_Reference_Level_NVNT_ANT1_802_11g_2437



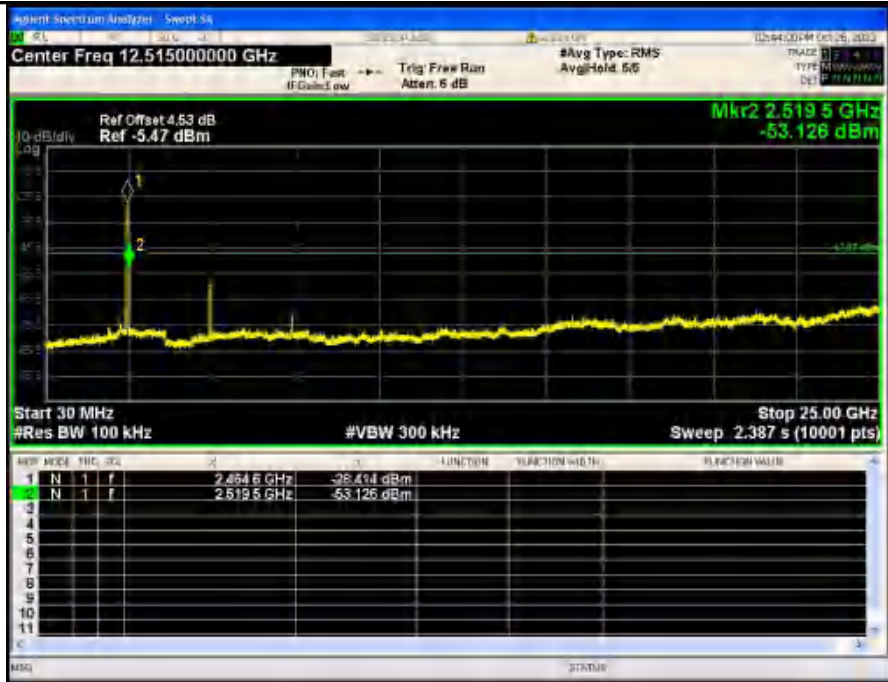
2_Spurious_Emission_NVNT_ANT1_802_11g_2437



1_Reference_Level_NVNT_ANT1_802_11g_2462



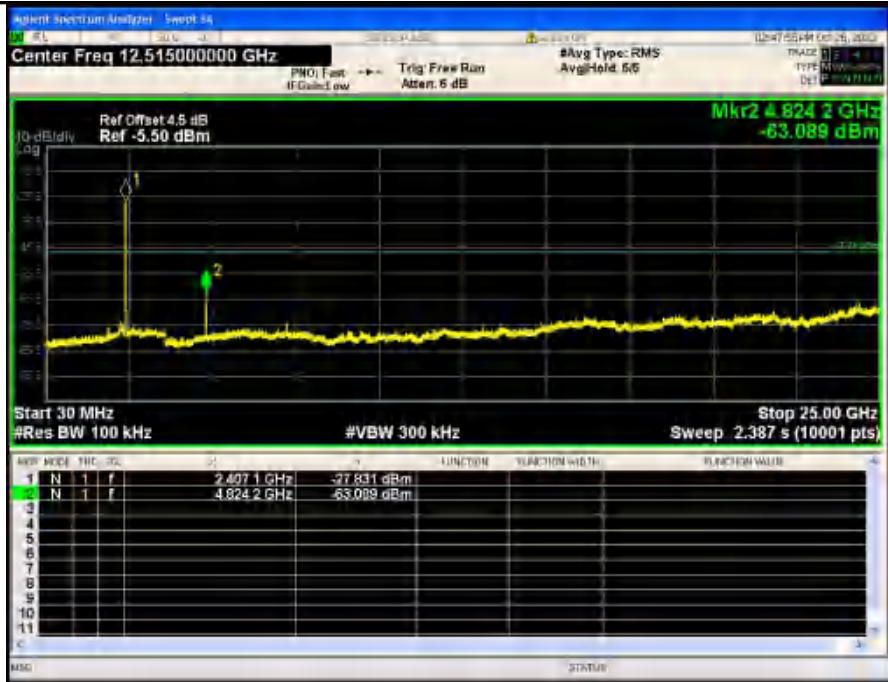
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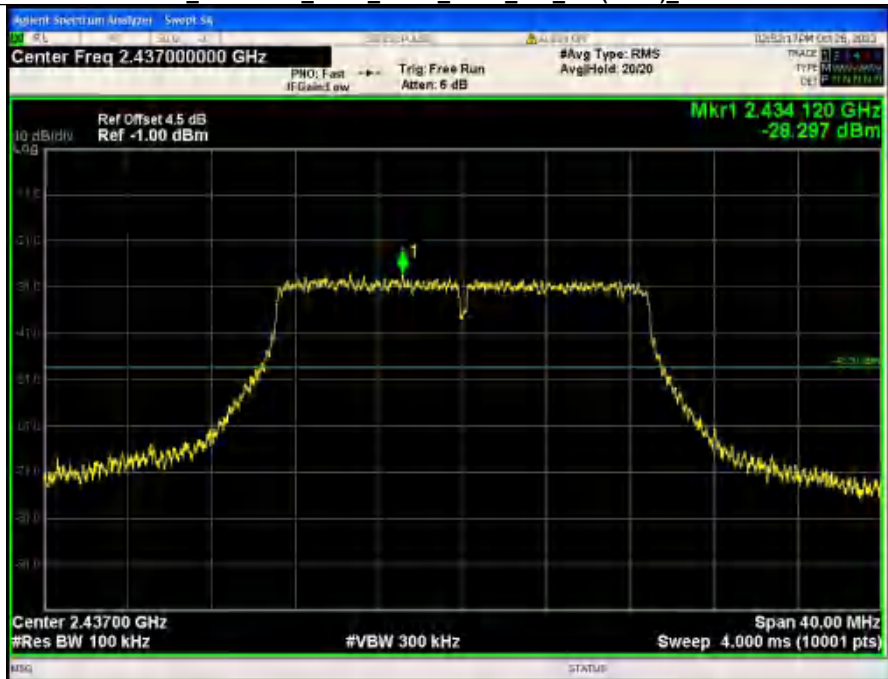
1_Reference_Level_NVNT_ANT1_802_11n(HT20)_2412



2_Spurious_Emission_NVNT_ANT1_802_11n(HT20)_2412



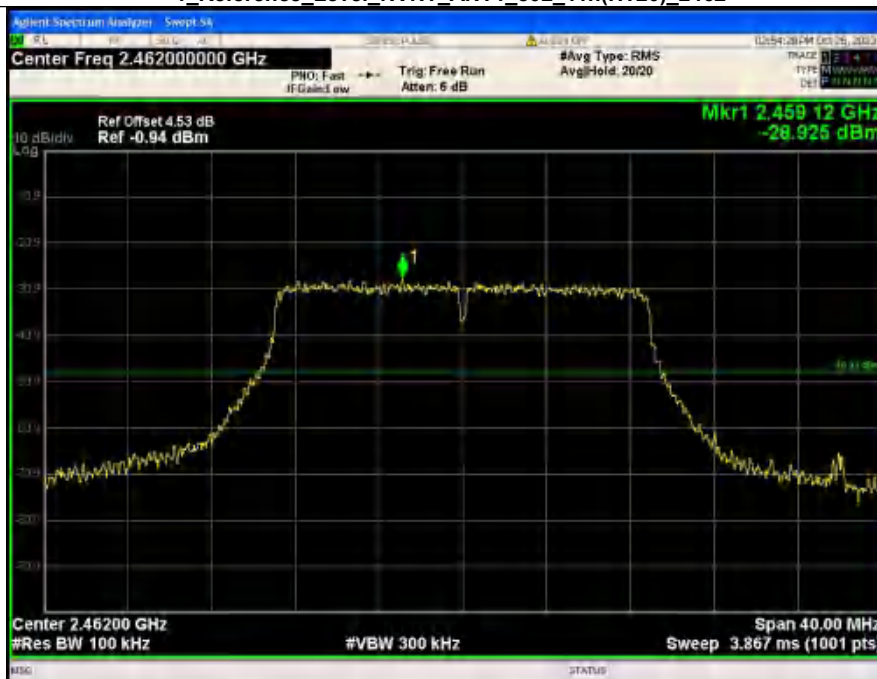
1 Reference_Level_NVNT_ANT1_802_11n(HT20)_2437



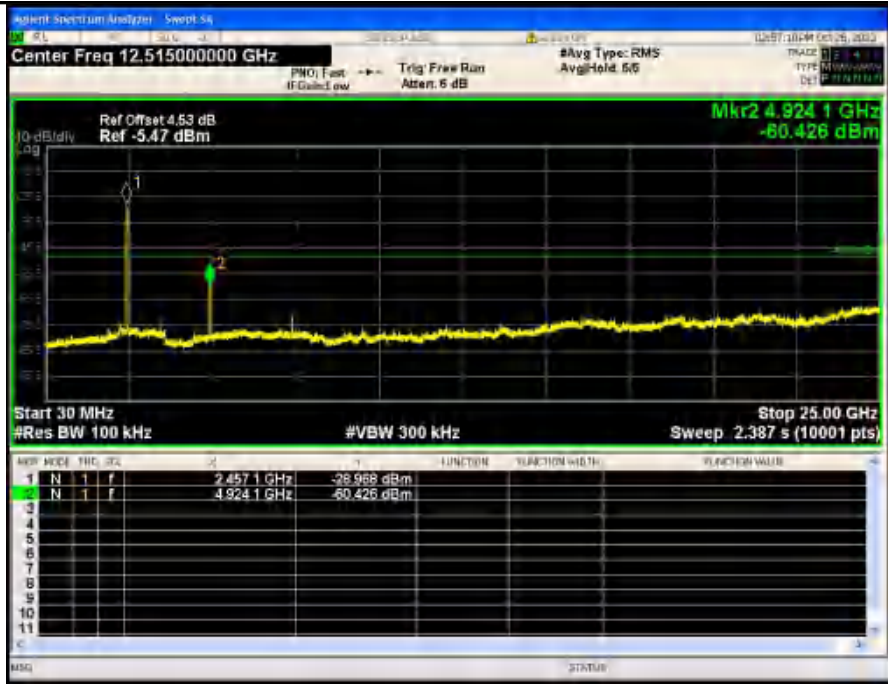
2 Spurious_Emission_NVNT_ANT1_802_11n(HT20)_2437



1_Reference_Level_NVNT_ANT1_802_11n(HT20)_2462



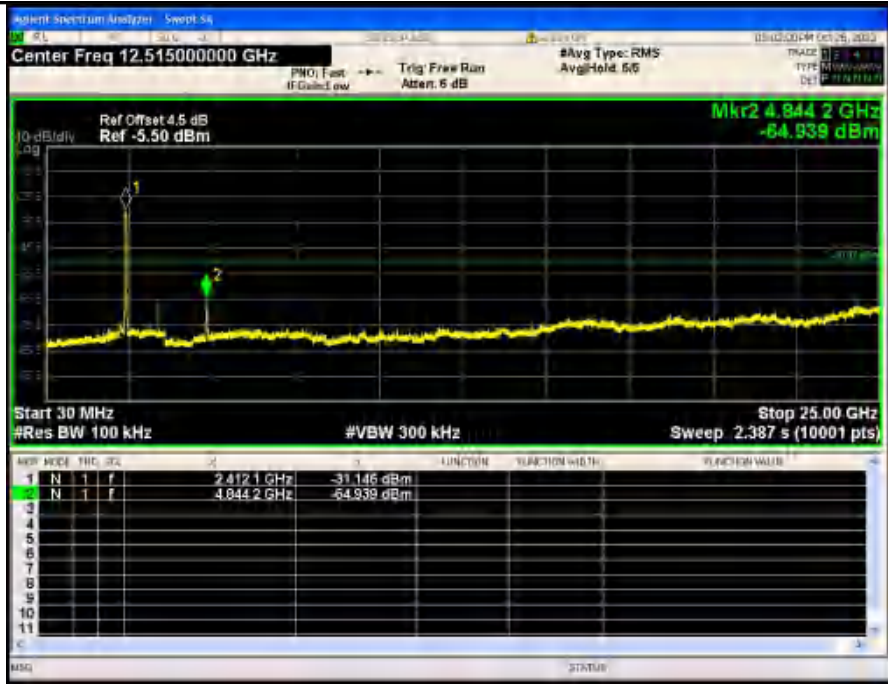
2_Spurious_Emission_NVNT_ANT1_802_11n(HT20)_2462



1_Reference_Level_NVNT_ANT1_802_11n(HT40)_2422



2_Spurious_Emission_NVNT_ANT1_802_11n(HT40)_2422



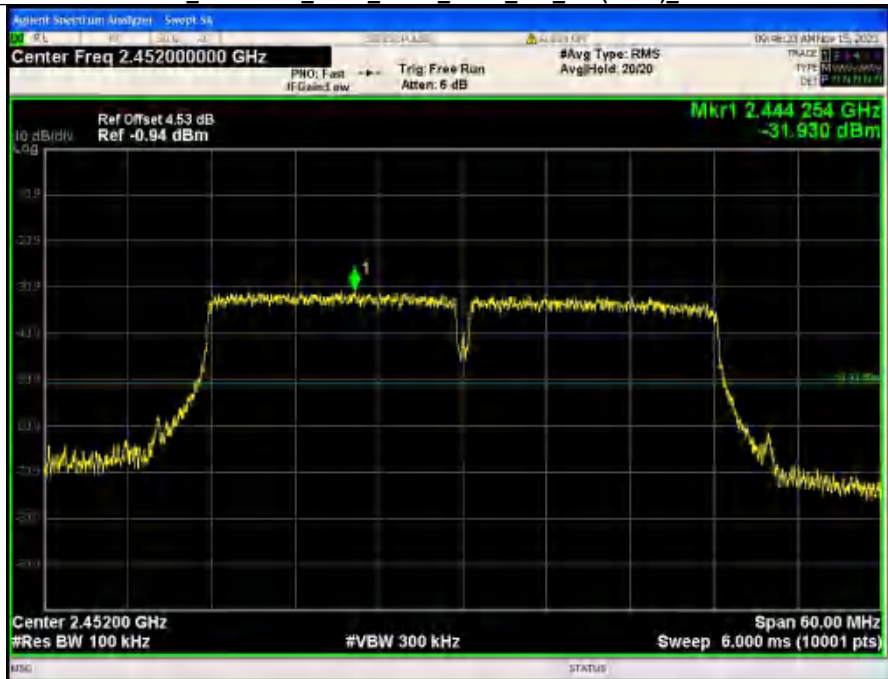
1_Reference_Level_NVNT_ANT1_802_11n(HT40)_2437



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

