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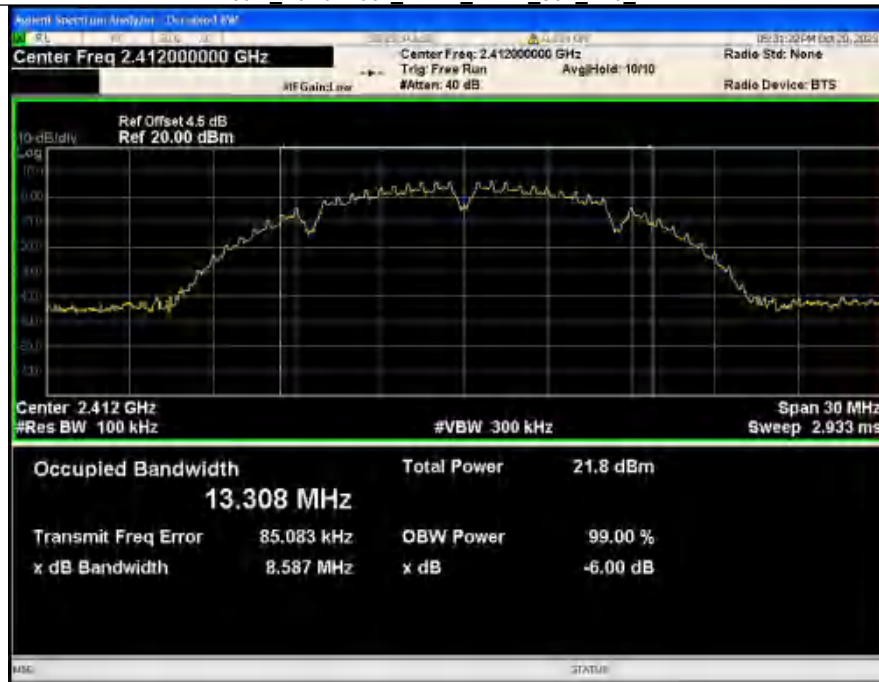
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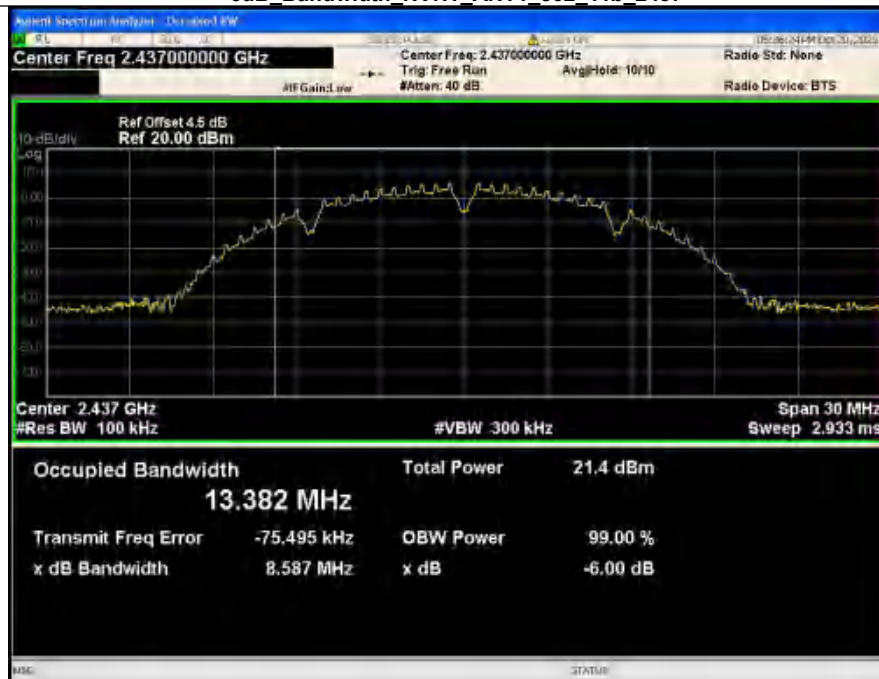
1. -6dB Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	-6dB BW(MHz)	limit(kHz)	Result
NVNT	ANT1	802.11b	2412.00	8.59	500	Pass
NVNT	ANT1	802.11b	2437.00	8.59	500	Pass
NVNT	ANT1	802.11b	2462.00	9.09	500	Pass
NVNT	ANT1	802.11g	2412.00	16.38	500	Pass
NVNT	ANT1	802.11g	2437.00	16.38	500	Pass
NVNT	ANT1	802.11g	2462.00	16.37	500	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	16.37	500	Pass
NVNT	ANT1	802.11n(HT20)	2437.00	16.37	500	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	16.37	500	Pass
NVNT	ANT1	802.11n(HT40)	2422.00	35.50	500	Pass
NVNT	ANT1	802.11n(HT40)	2437.00	35.26	500	Pass
NVNT	ANT1	802.11n(HT40)	2452.00	35.89	500	Pass

-6dB Bandwidth_NVNT_ANT1_802_11b_2412



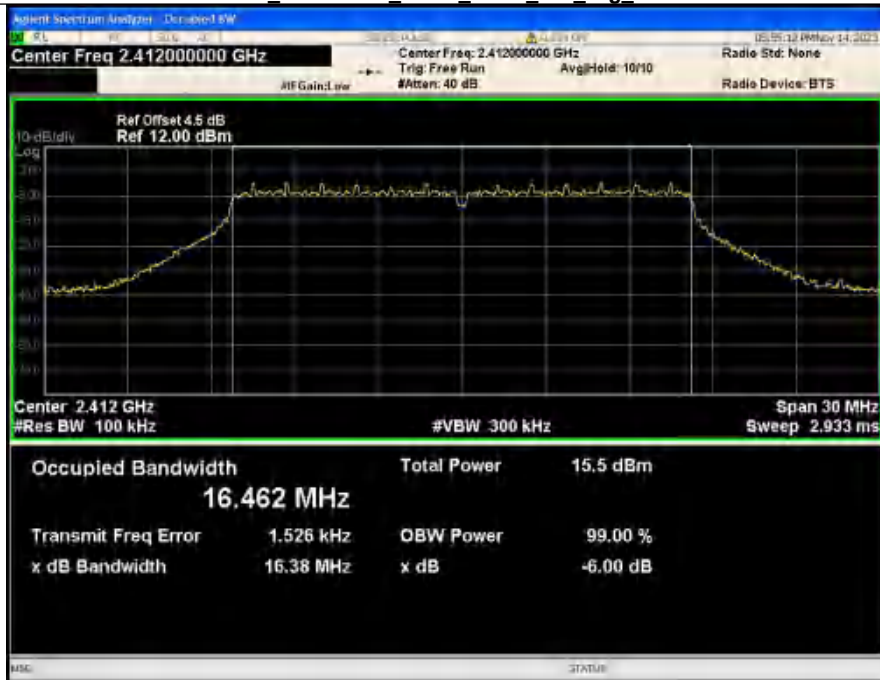
-6dB Bandwidth_NVNT_ANT1_802_11b_2437



-6dB Bandwidth_NVNT_ANT1_802_11b_2462



-6dB Bandwidth_NVNT_ANT1_802_11g_2412



-6dB Bandwidth_NVNT_ANT1_802_11g_2437



-6dB_Bandwidth_NVNT_ANT1_802_11g_2462



-6dB_Bandwidth_NVNT_ANT1_802_11n(HT20)_2412



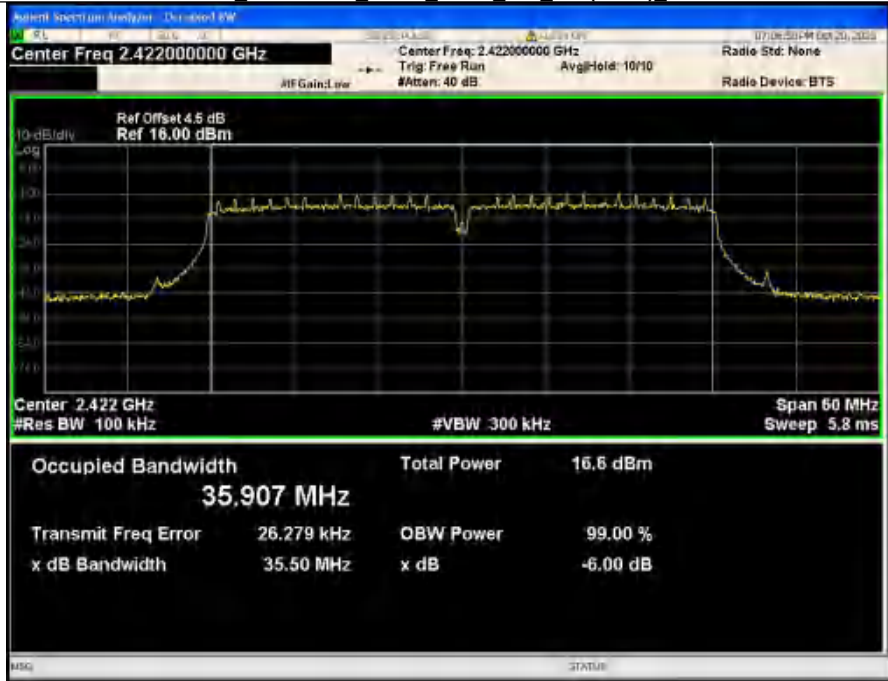
-6dB_Bandwidth_NVNT_ANT1_802_11n(HT20)_2437



-6dB_Bandwidth_NVNT_ANT1_802_11n(HT20)_2462



-6dB_Bandwidth_NVNT_ANT1_802_11n(HT40)_2422



-6dB_Bandwidth_NVNT_ANT1_802_11n(HT40)_2437



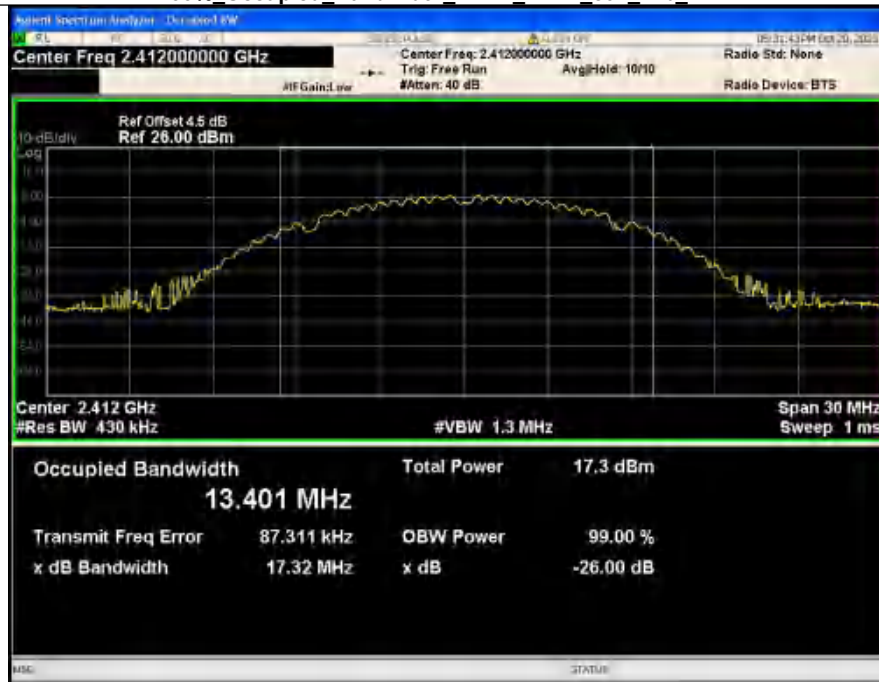
-6dB Bandwidth NVNT_ANT1_802_11n(HT40)_2452



2. 99% Occupied Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	99% BW (MHz)
NVNT	ANT1	802.11b	2412.00	13.401
NVNT	ANT1	802.11b	2437.00	13.428
NVNT	ANT1	802.11b	2462.00	13.549
NVNT	ANT1	802.11g	2412.00	17.311
NVNT	ANT1	802.11g	2437.00	17.315
NVNT	ANT1	802.11g	2462.00	17.380
NVNT	ANT1	802.11n(HT20)	2412.00	17.439
NVNT	ANT1	802.11n(HT20)	2437.00	17.301
NVNT	ANT1	802.11n(HT20)	2462.00	17.270
NVNT	ANT1	802.11n(HT40)	2422.00	36.325
NVNT	ANT1	802.11n(HT40)	2437.00	36.405
NVNT	ANT1	802.11n(HT40)	2452.00	36.523

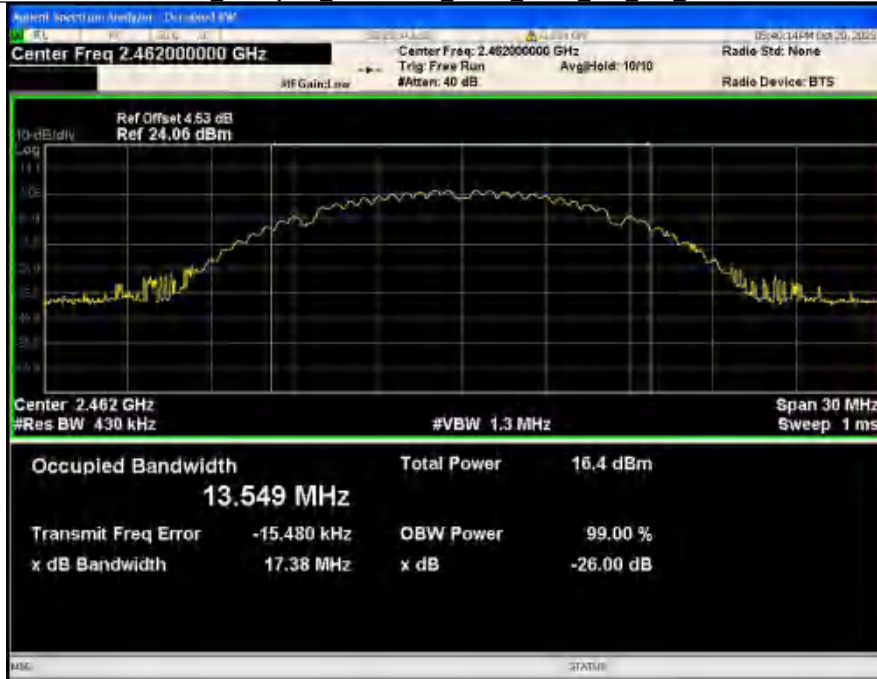
99% Occupied Bandwidth NVNT ANT1 802_11b 2412



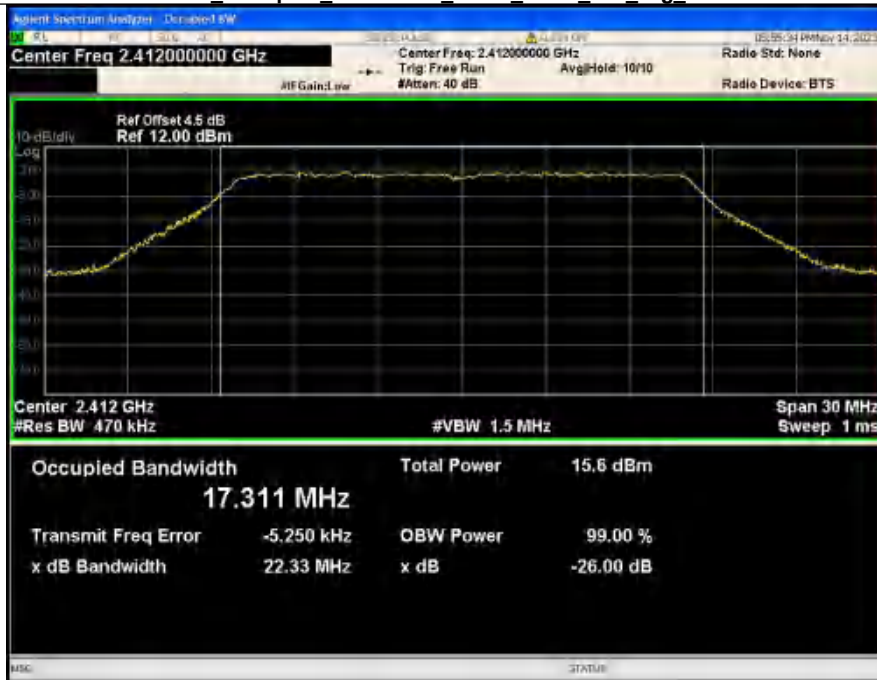
99% Occupied Bandwidth NVNT ANT1 802_11b 2437



99%_Occupied_Bandwidth_NVNT_ANT1_802_11b_2462



99%_Occupied_Bandwidth_NVNT_ANT1_802_11g_2412



99%_Occupied_Bandwidth_NVNT_ANT1_802_11g_2437



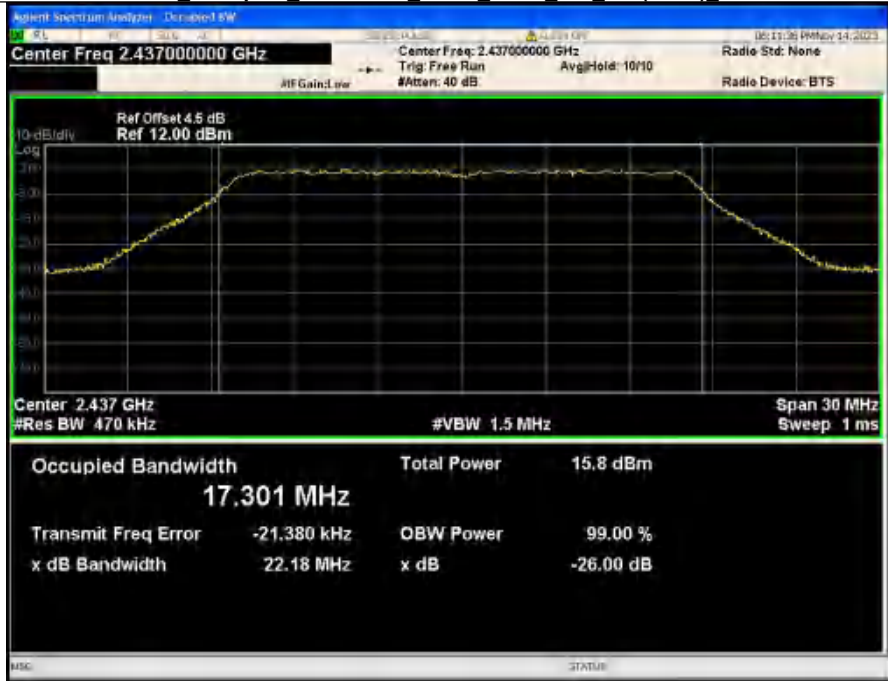
99% Occupied Bandwidth NVNT_ANT1_802_11g_2462



99% Occupied Bandwidth NVNT_ANT1_802_11n(HT20)_2412



99%_Occupied_Bandwidth_NVNT_ANT1_802_11n(HT20)_2437



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	2399.600	-44.965	-14.476	Pass
NVNT	ANT1	802.11b	2462.00	2485.984	-54.343	-15.335	Pass
NVNT	ANT1	802.11g	2412.00	2399.936	-42.421	-22.743	Pass
NVNT	ANT1	802.11g	2462.00	2483.632	-55.022	-21.442	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	2399.936	-42.226	-23.050	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	2483.776	-55.552	-21.559	Pass
NVNT	ANT1	802.11n(HT40)	2422.00	2399.892	-41.742	-24.444	Pass
NVNT	ANT1	802.11n(HT40)	2452.00	2484.496	-51.191	-25.178	Pass

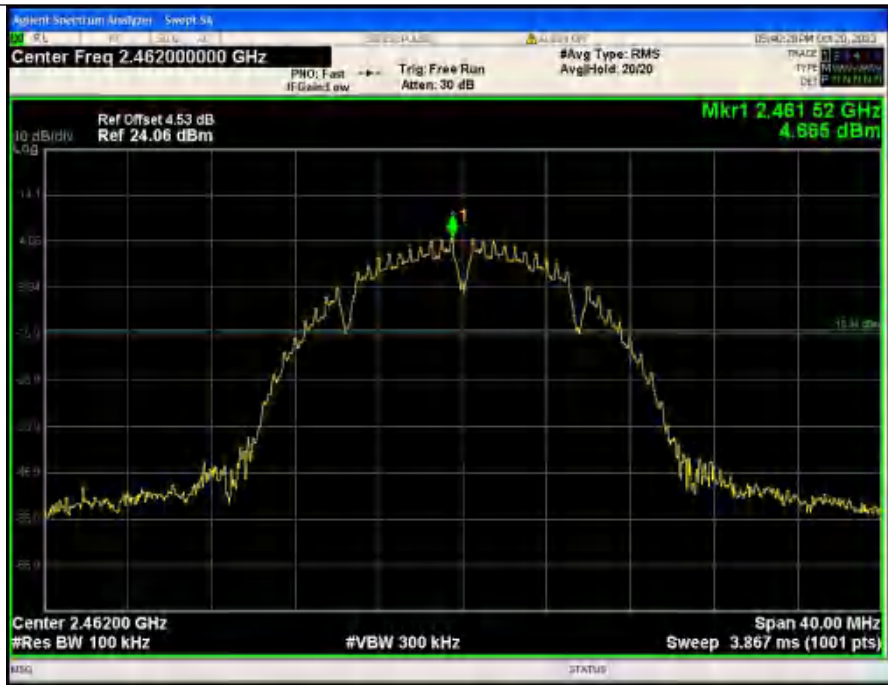
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2 Bandedge_NVNT_ANT1_802_11b_2412



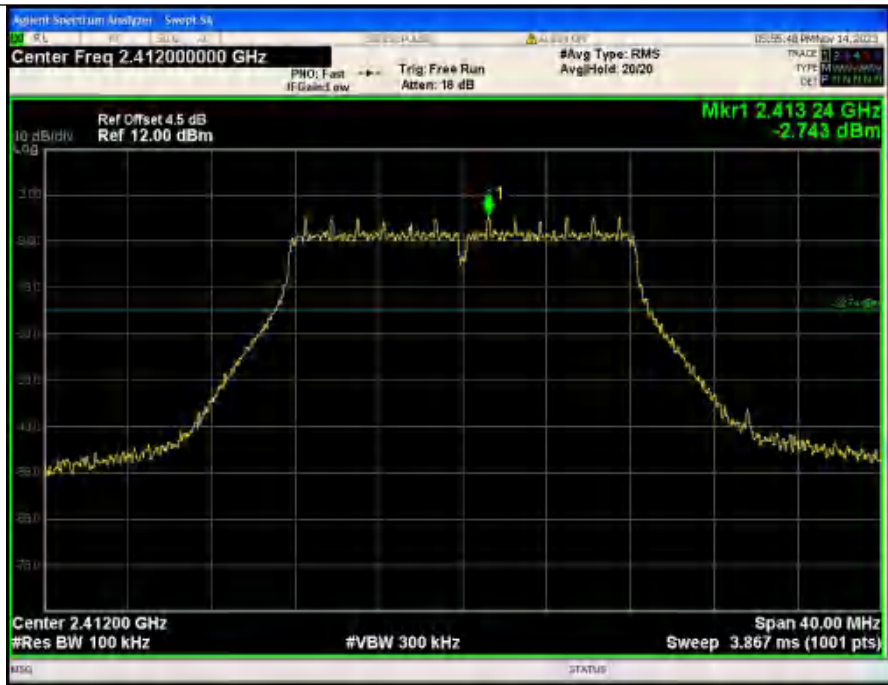
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2_Bandedge_NVNT_ANT1_802_11b_2462



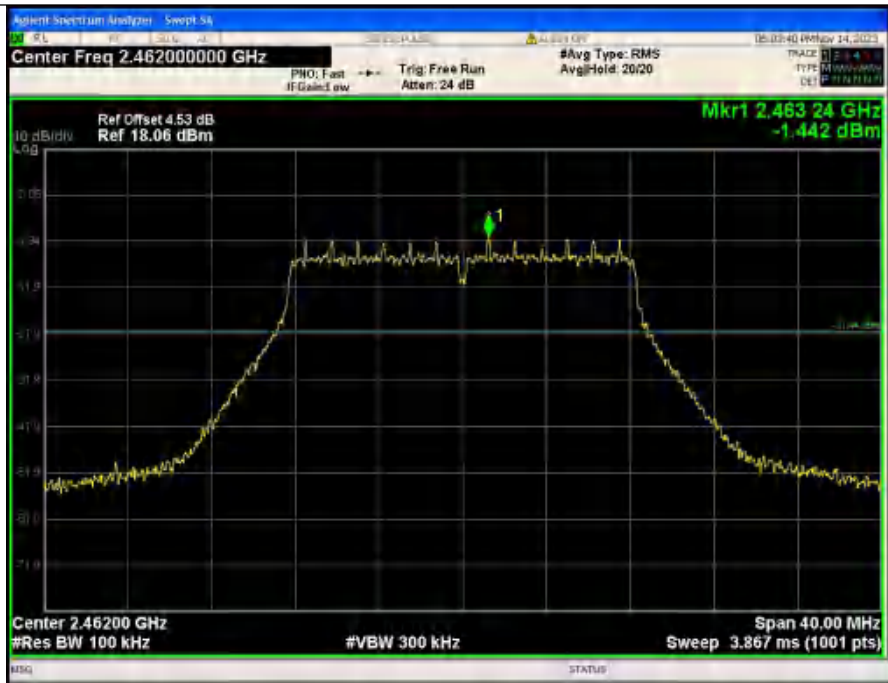
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2_Bandedge_NVNT_ANT1_802_11g_2412



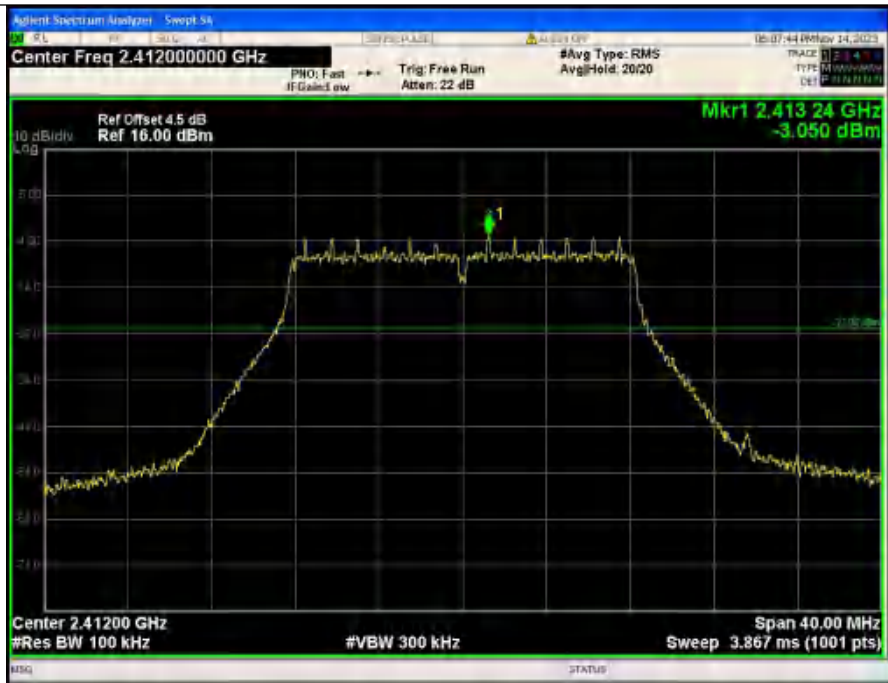
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2_Bandedge_NVNT_ANT1_802_11g_2462



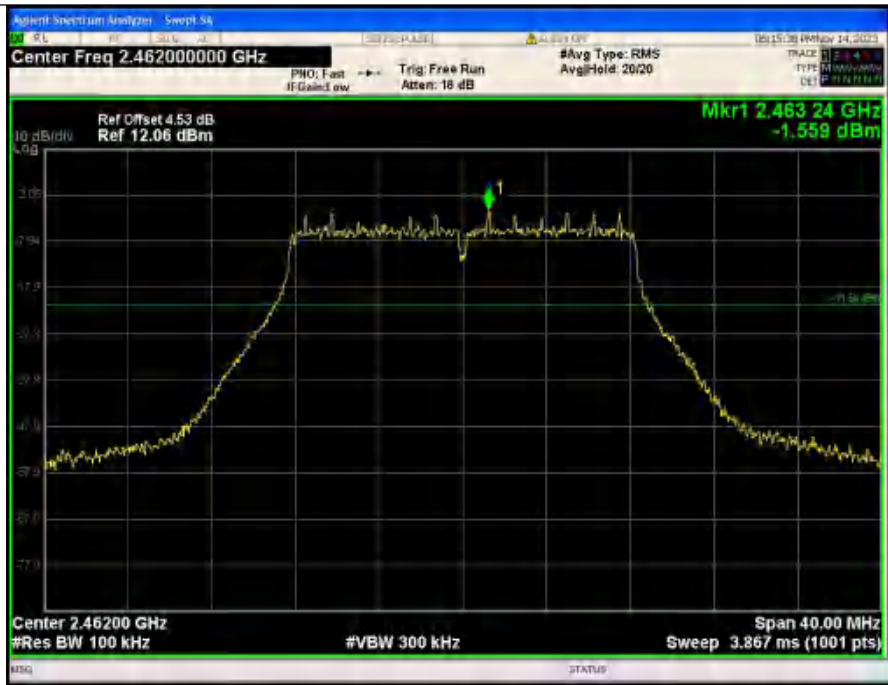
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2_Bandedge_NVNT_ANT1_802_11n(HT20)_2412



1_Reference_Level_NVNT_ANT1_802_11n(HT20)_2462



2_Bandedge_NVNT_ANT1_802_11n(HT20)_2462



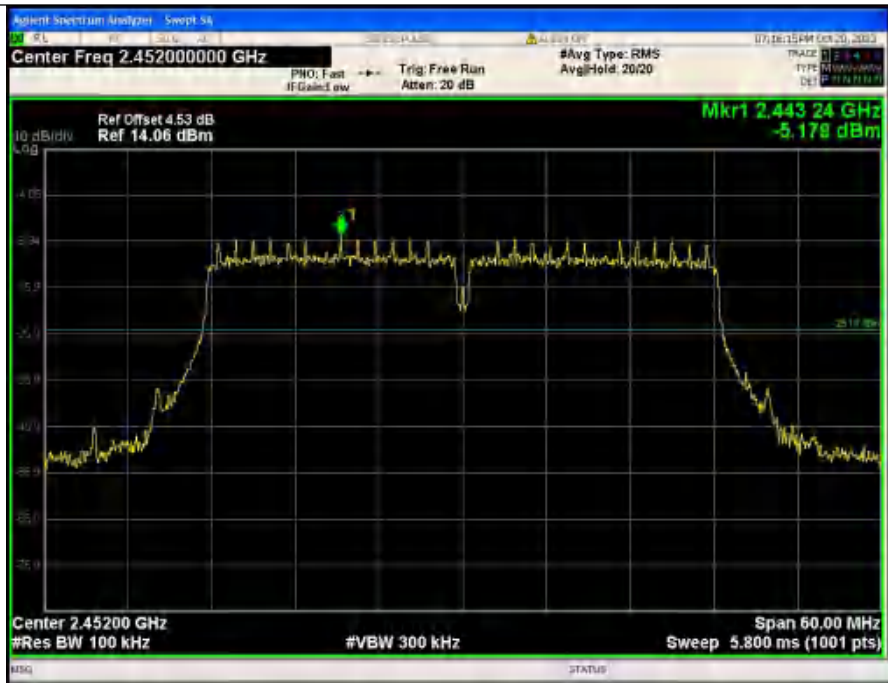
1_Reference_Level_NVNT_ANT1_802_11n(HT40)_2422



2_Bandedge_NVNT_ANT1_802_11n(HT40)_2422



1_Reference_Level_NVNT_ANT1_802_11n(HT40)_2452



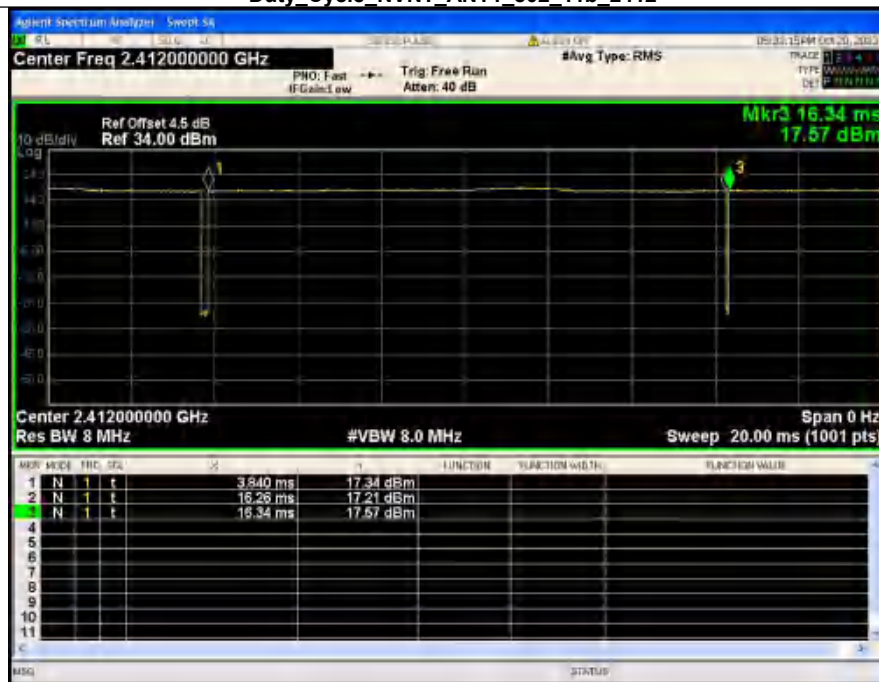
2_Bandedge_NVNT_ANT1_802_11n(HT40)_2452



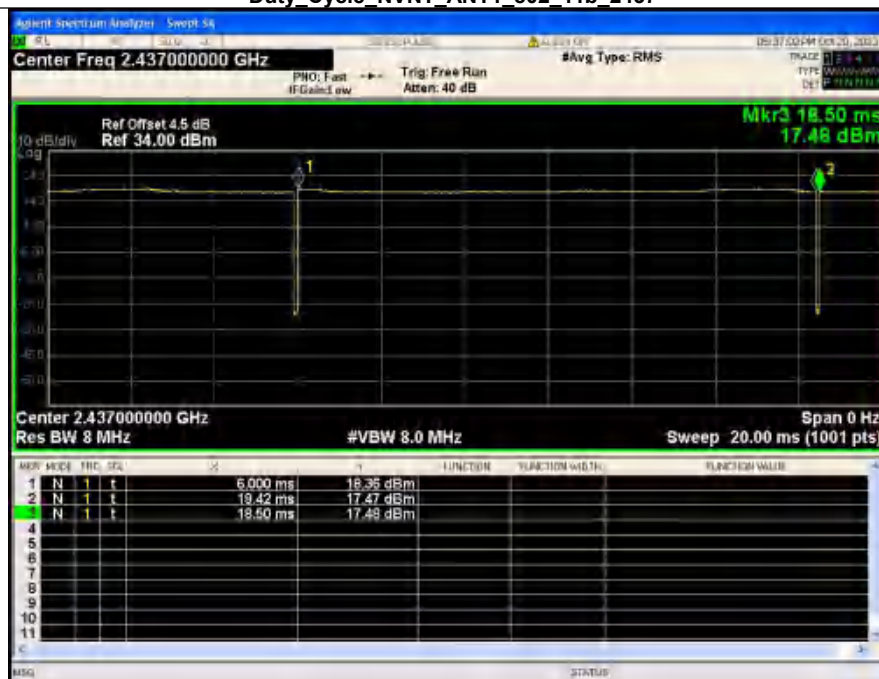
4. Duty Cycle

Condition	Antenna	Modulation	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	802.11b	2412.00	99.52	0.00
NVNT	ANT1	802.11b	2437.00	99.52	0.00
NVNT	ANT1	802.11b	2462.00	99.04	0.00
NVNT	ANT1	802.11g	2412.00	98.13	0.00
NVNT	ANT1	802.11g	2437.00	96.30	0.16
NVNT	ANT1	802.11g	2462.00	94.55	0.24
NVNT	ANT1	802.11n(HT20)	2412.00	98.11	0.00
NVNT	ANT1	802.11n(HT20)	2437.00	97.20	0.12
NVNT	ANT1	802.11n(HT20)	2462.00	95.41	0.20
NVNT	ANT1	802.11n(HT40)	2422.00	90.57	0.43
NVNT	ANT1	802.11n(HT40)	2437.00	94.12	0.26
NVNT	ANT1	802.11n(HT40)	2452.00	92.45	0.34

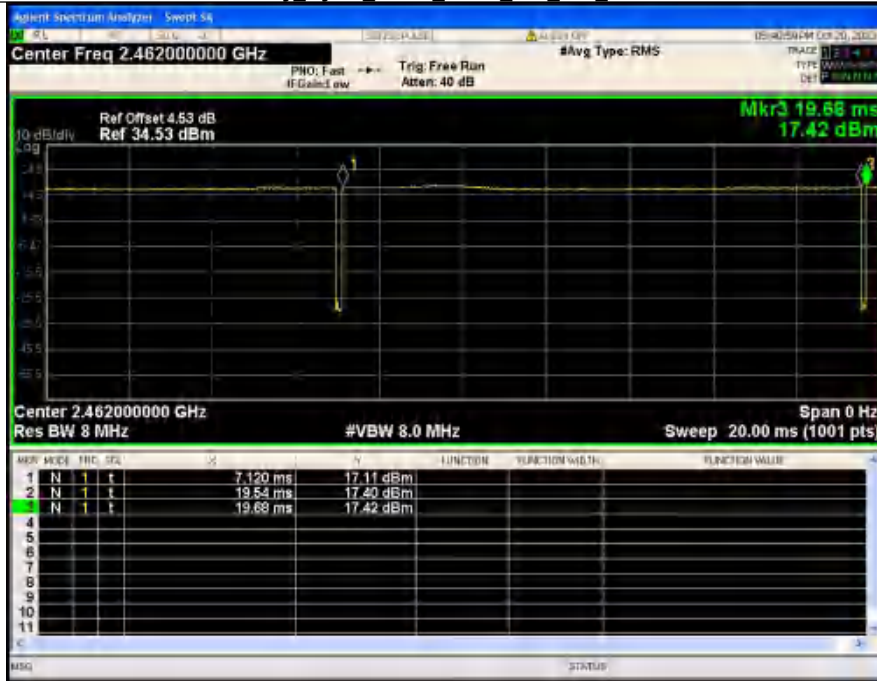
Duty Cycle NVNT ANT1 802.11b 2412



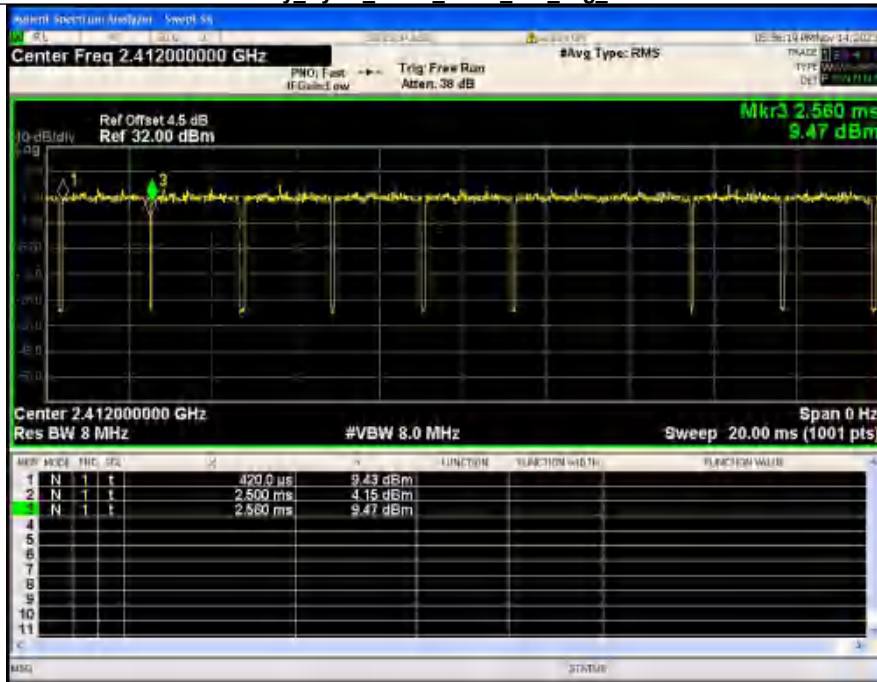
Duty Cycle NVNT ANT1 802.11b 2437



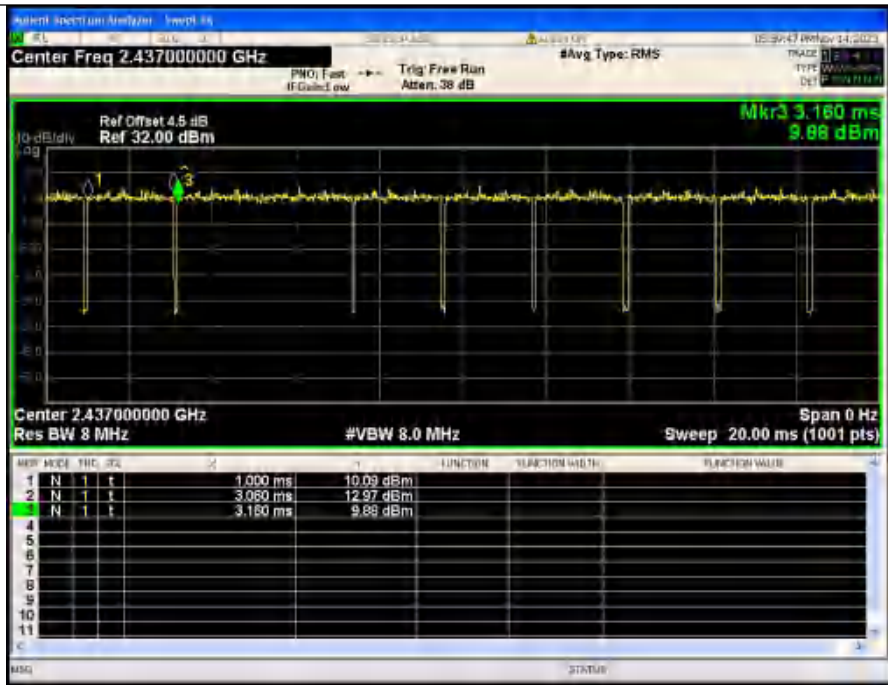
Duty Cycle NVNT_ANT1_802_11b_2462



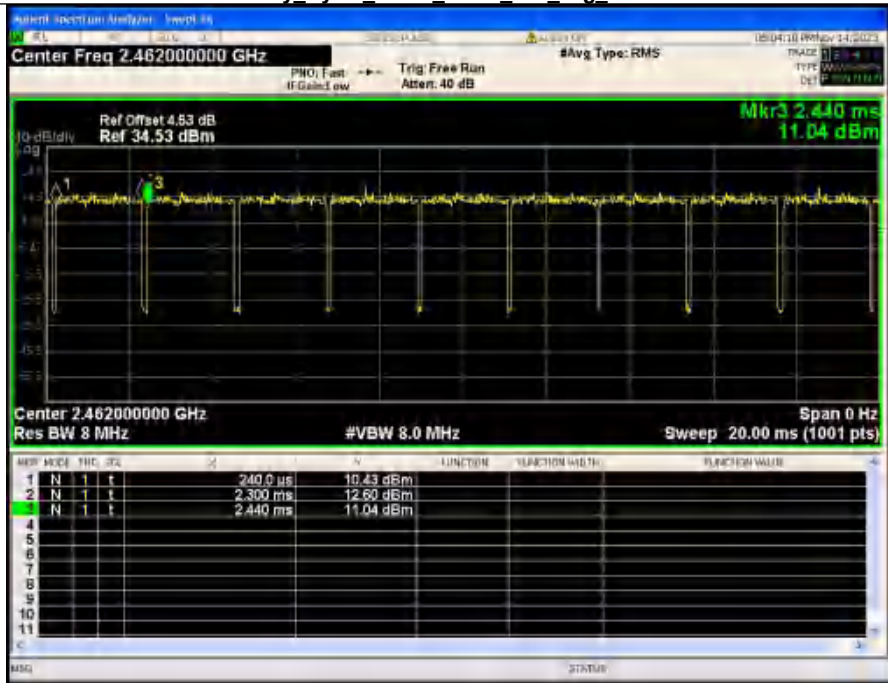
Duty Cycle NVNT_ANT1_802_11g_2412



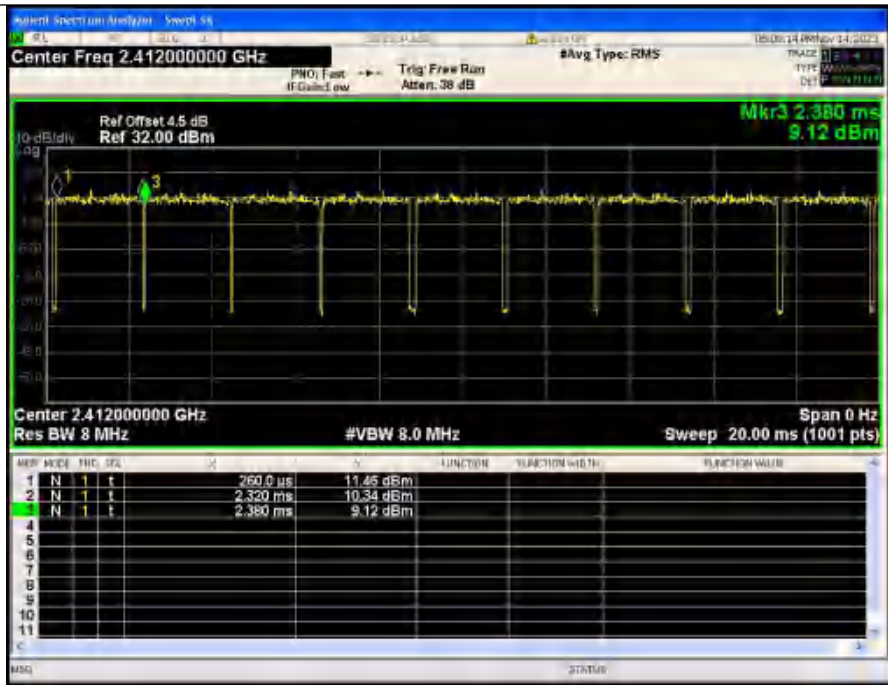
Duty Cycle NVNT_ANT1_802_11g_2437



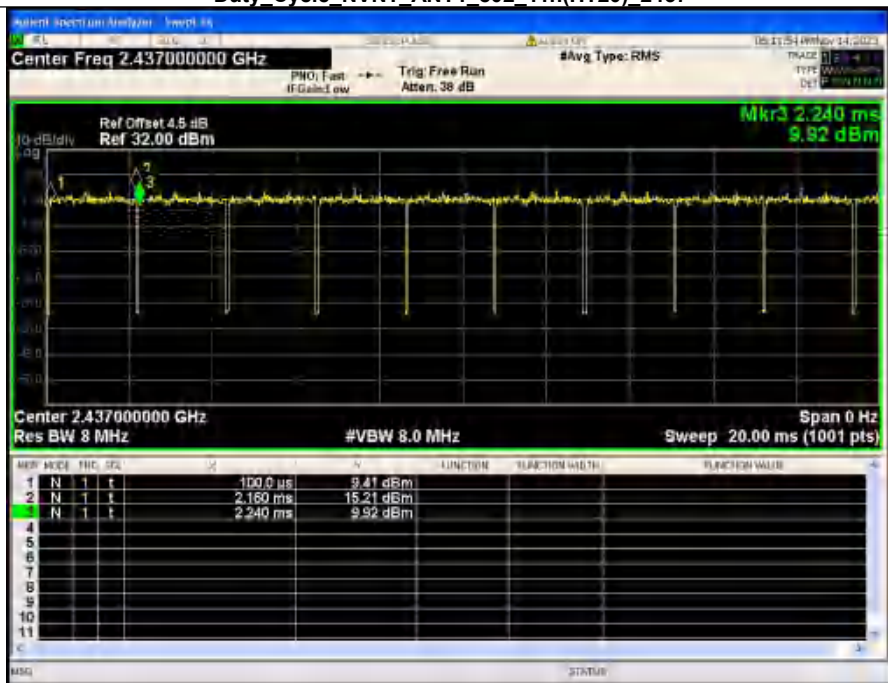
Duty Cycle NVNT_ANT1_802_11g_2462



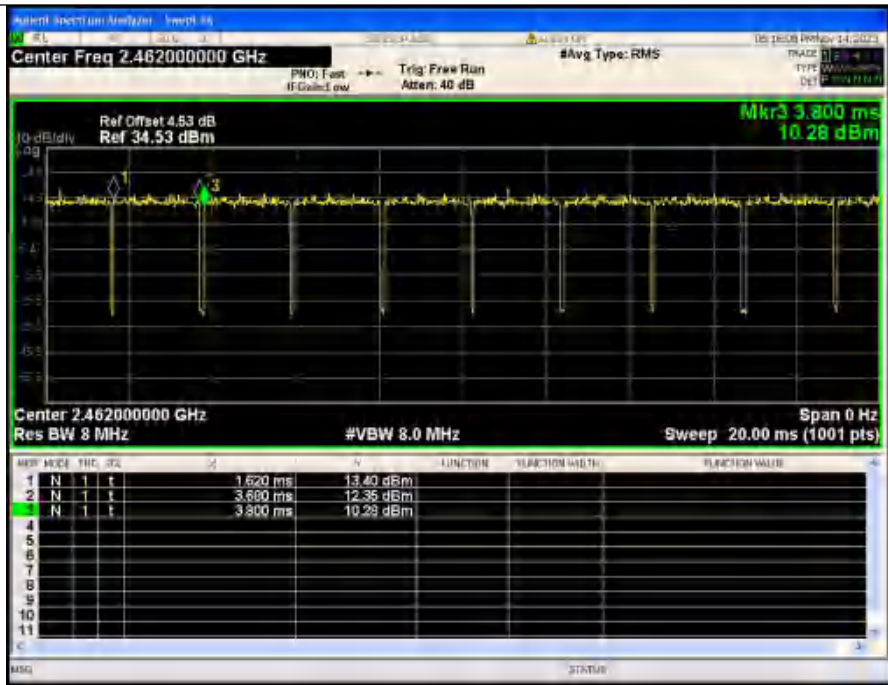
Duty Cycle NVNT_ANT1_802_11n(HT20)_2412



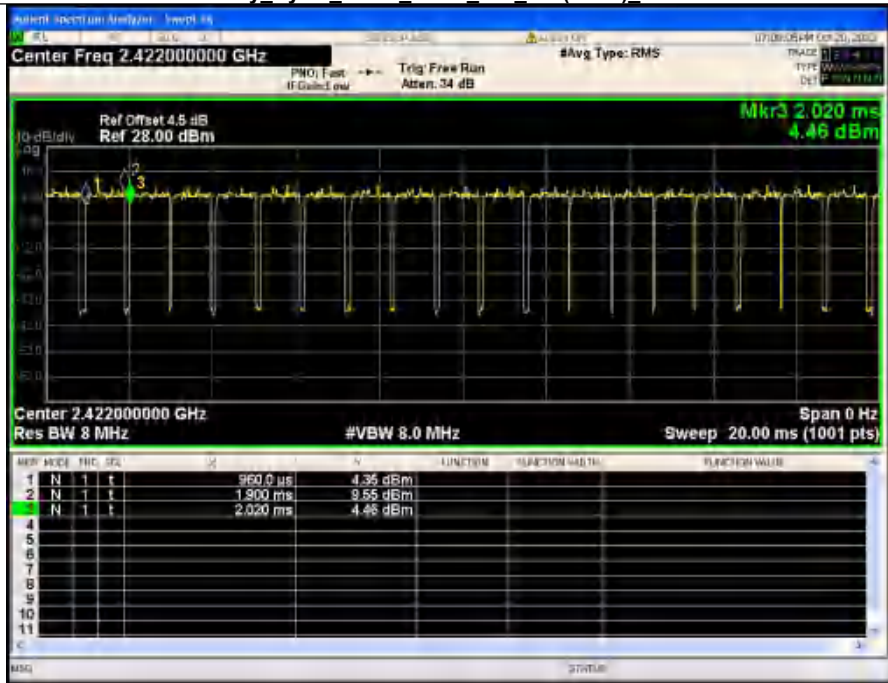
Duty Cycle NVNT_ANT1_802_11n(HT20)_2437



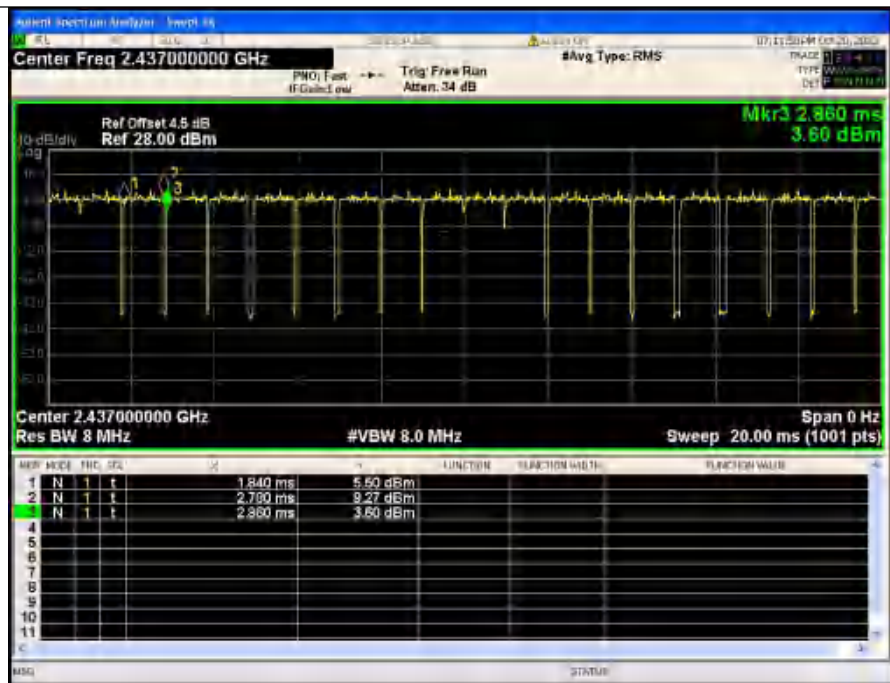
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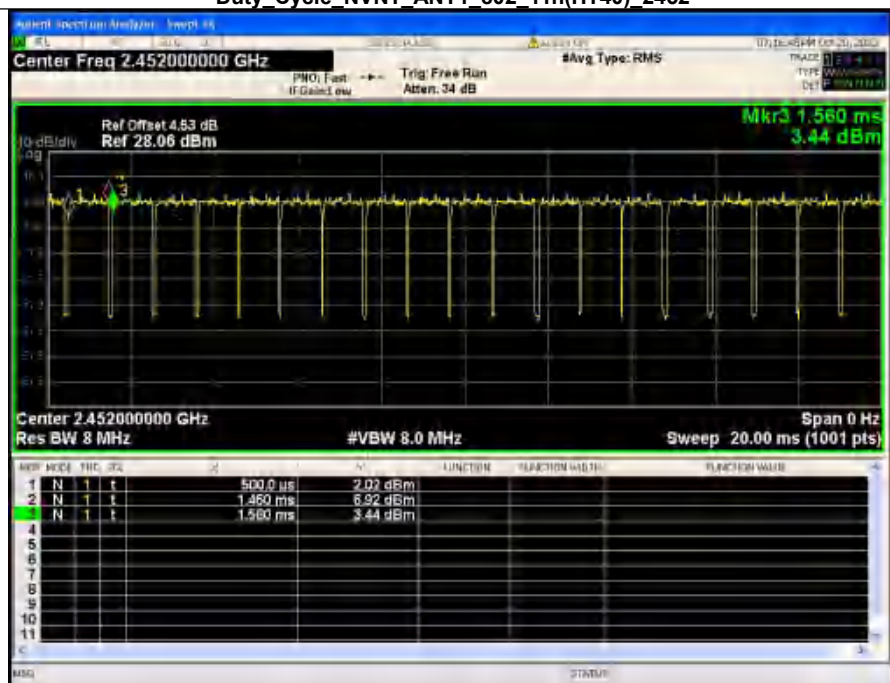
Duty Cycle NVNT_ANT1_802_11n(HT40)_2422



Duty Cycle NVNT_ANT1_802_11n(HT40)_2437



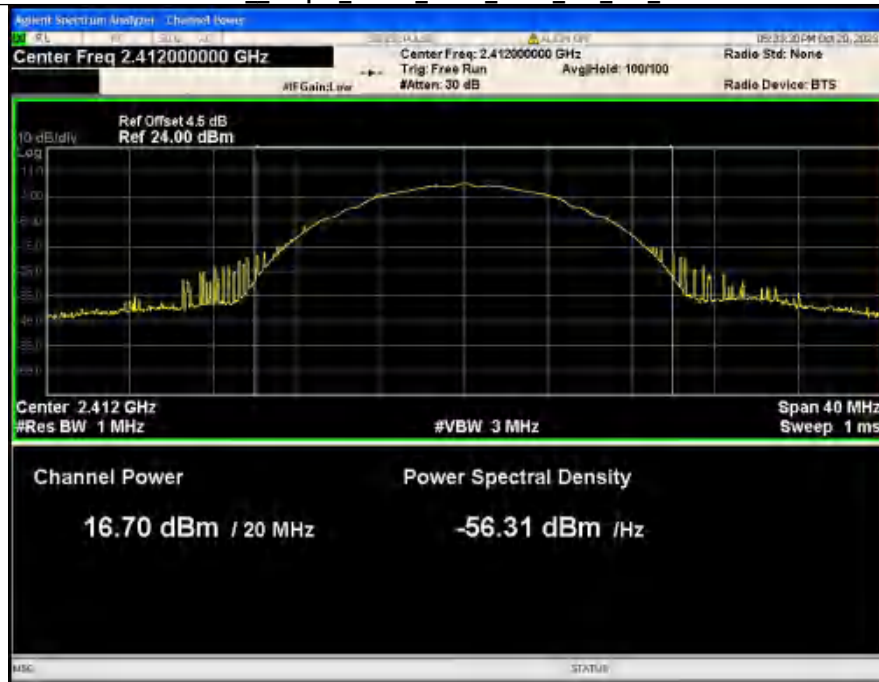
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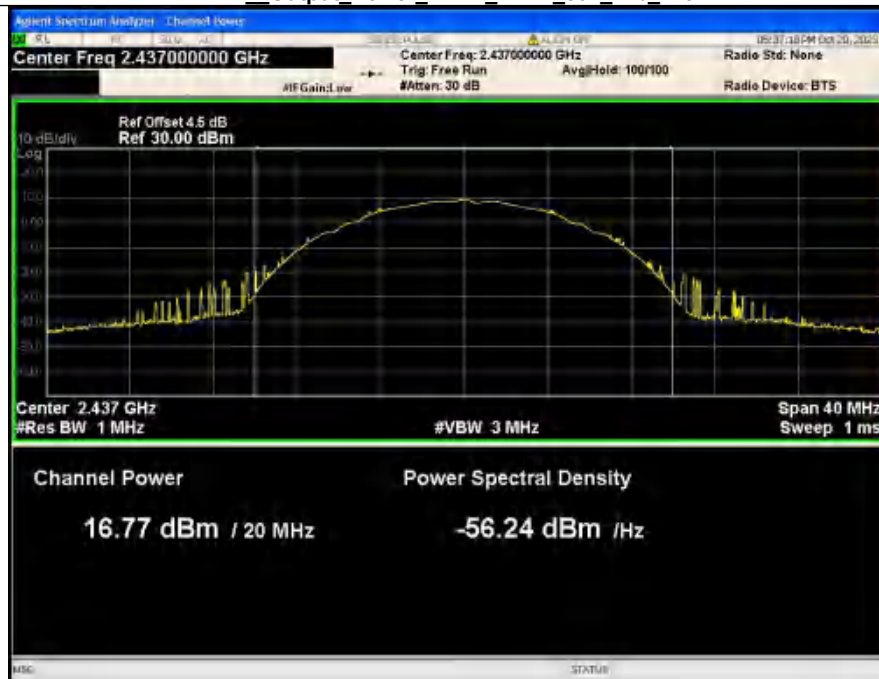
5. MAX. Output Power

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	16.70	N/A	16.70	30	Pass
NVNT	ANT1	802.11b	2437.00	Peak	16.77	N/A	16.77	30	Pass
NVNT	ANT1	802.11b	2462.00	Peak	16.12	N/A	16.12	30	Pass
NVNT	ANT1	802.11g	2412.00	Peak	15.66	N/A	15.66	30	Pass
NVNT	ANT1	802.11g	2437.00	Peak	16.32	N/A	16.32	30	Pass
NVNT	ANT1	802.11g	2462.00	Peak	16.76	N/A	16.76	30	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	Peak	15.29	N/A	15.29	30	Pass
NVNT	ANT1	802.11n(HT20)	2437.00	Peak	16.16	N/A	16.16	30	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	Peak	16.76	N/A	16.76	30	Pass
NVNT	ANT1	802.11n(HT40)	2422.00	Peak	16.60	N/A	16.60	30	Pass
NVNT	ANT1	802.11n(HT40)	2437.00	Peak	16.24	N/A	16.24	30	Pass
NVNT	ANT1	802.11n(HT40)	2452.00	Peak	15.99	N/A	15.99	30	Pass

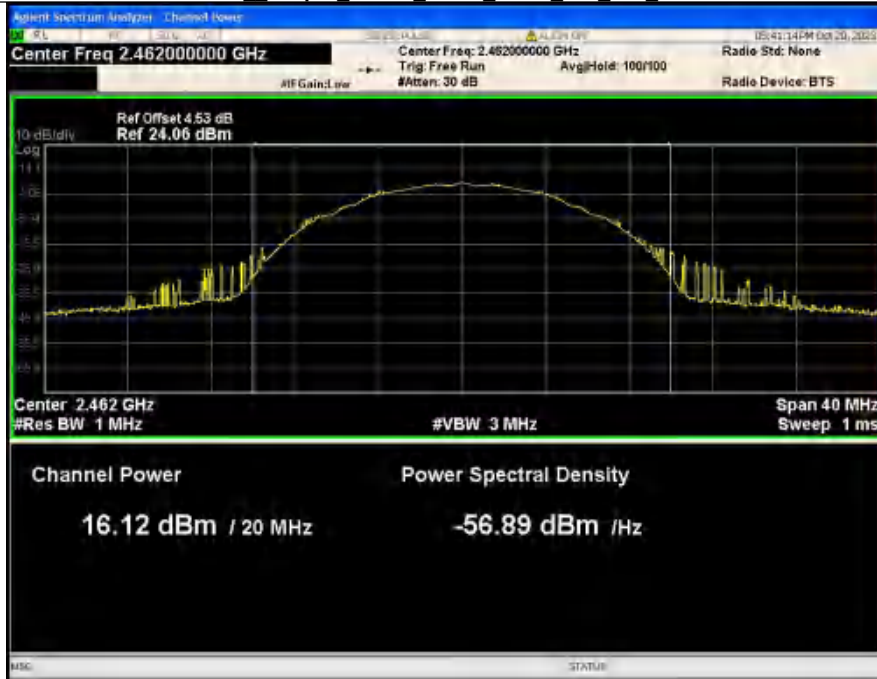
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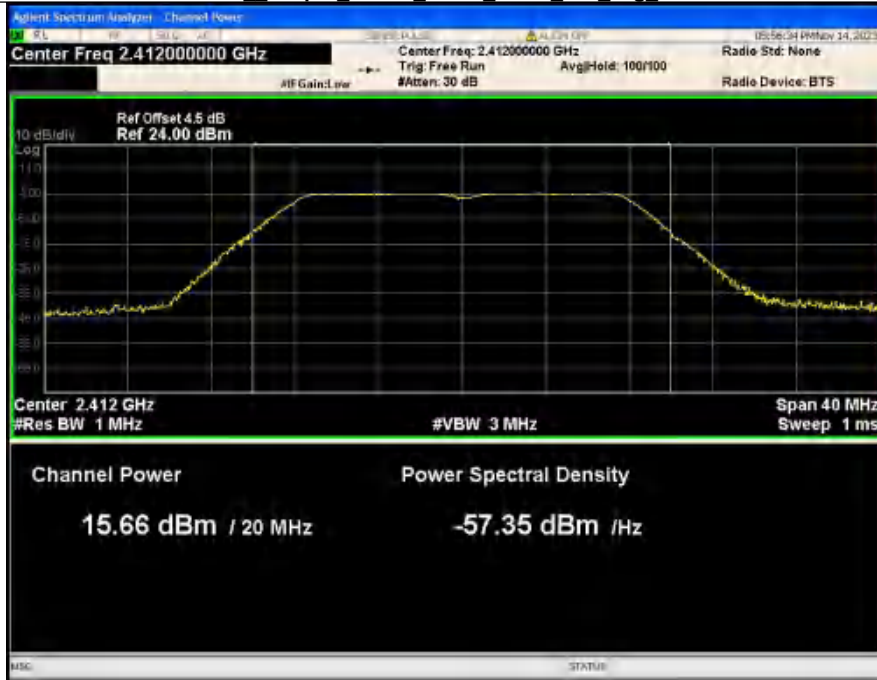
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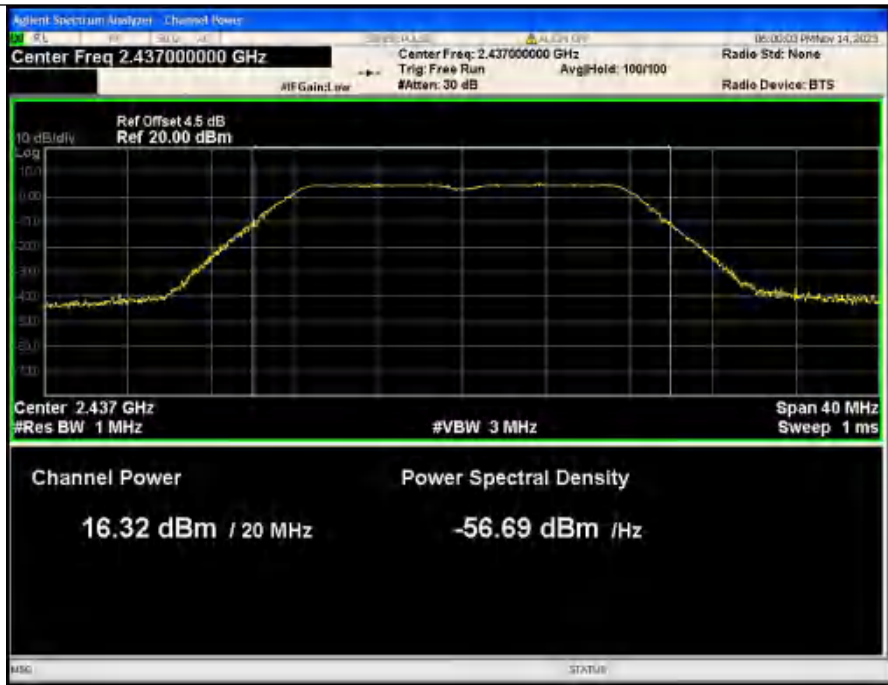
MAX Output Power NVNT_ANT1_802_11b_2462



MAX Output Power NVNT_ANT1_802_11g_2412



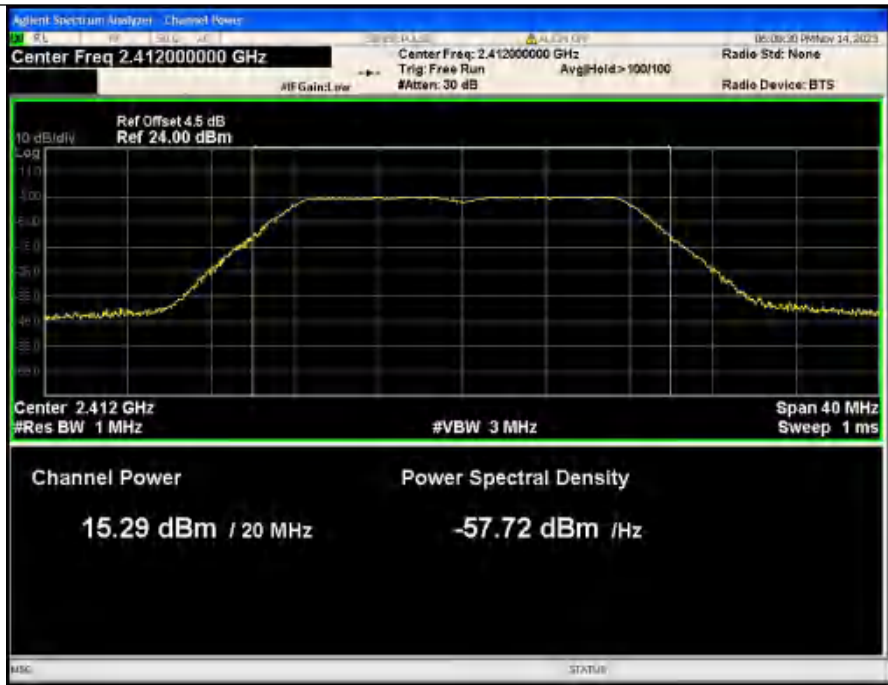
MAX Output Power NVNT_ANT1_802_11g_2437



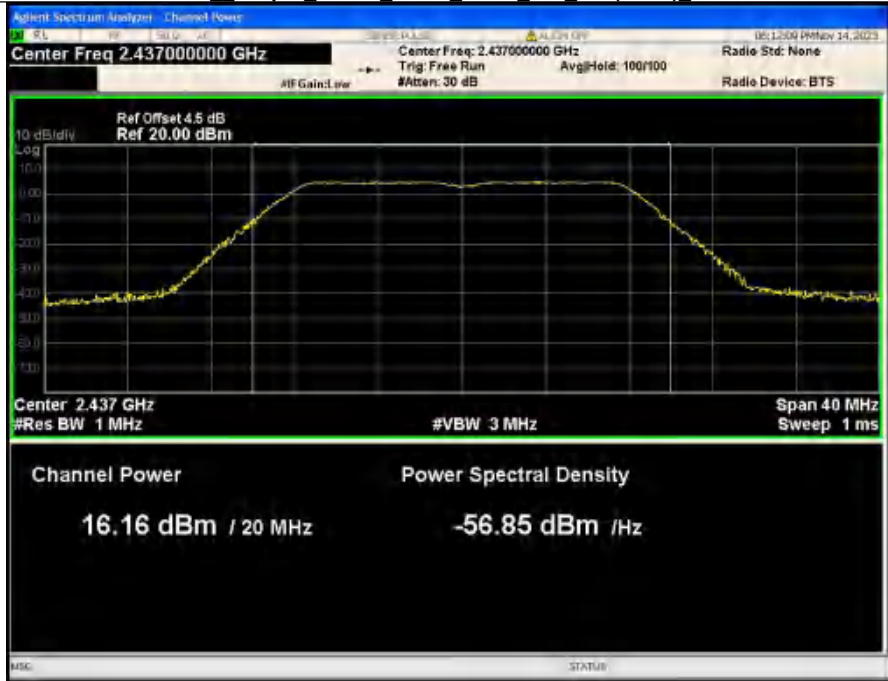
MAX Output Power NVNT_ANT1_802_11g_2462



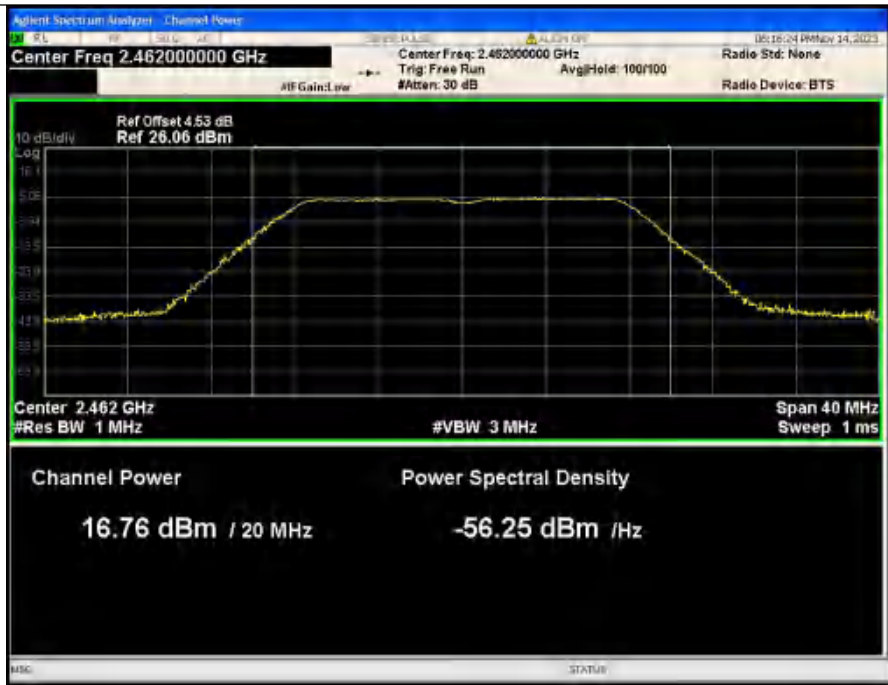
MAX Output Power NVNT_ANT1_802_11n(HT20)_2412



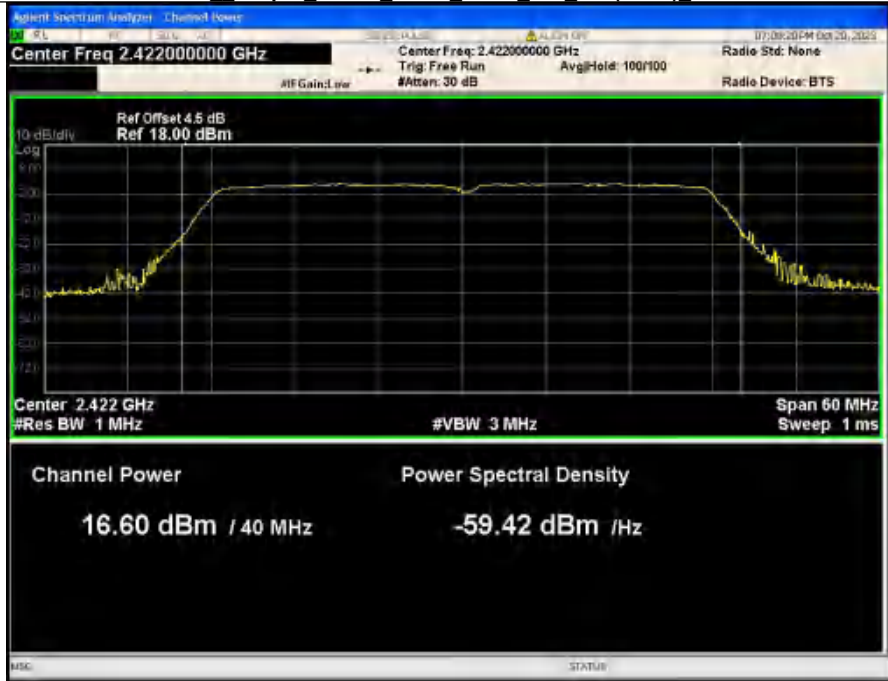
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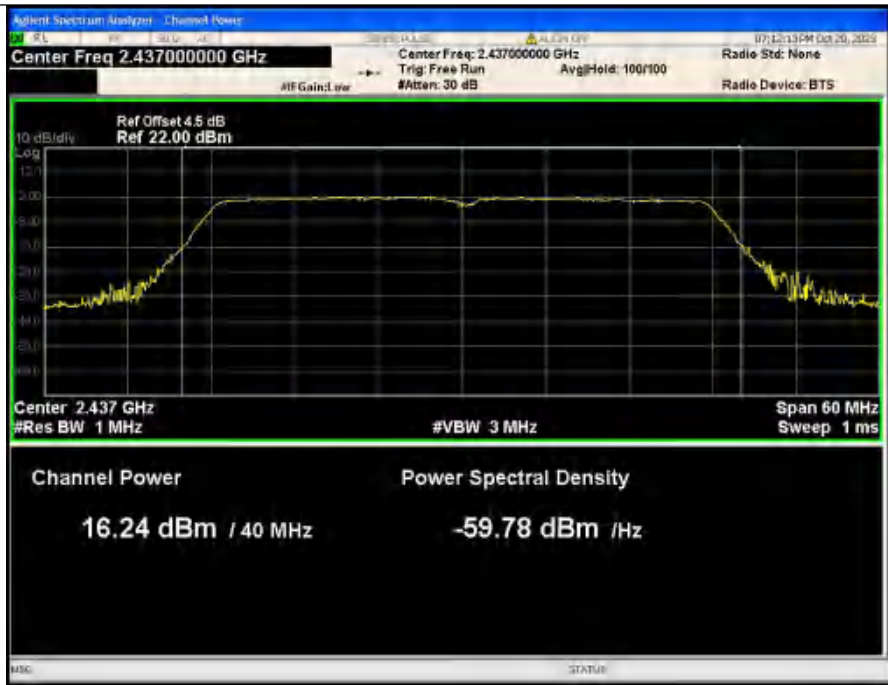
MAX Output Power NVNT_ANT1_802_11n(HT20)_2462



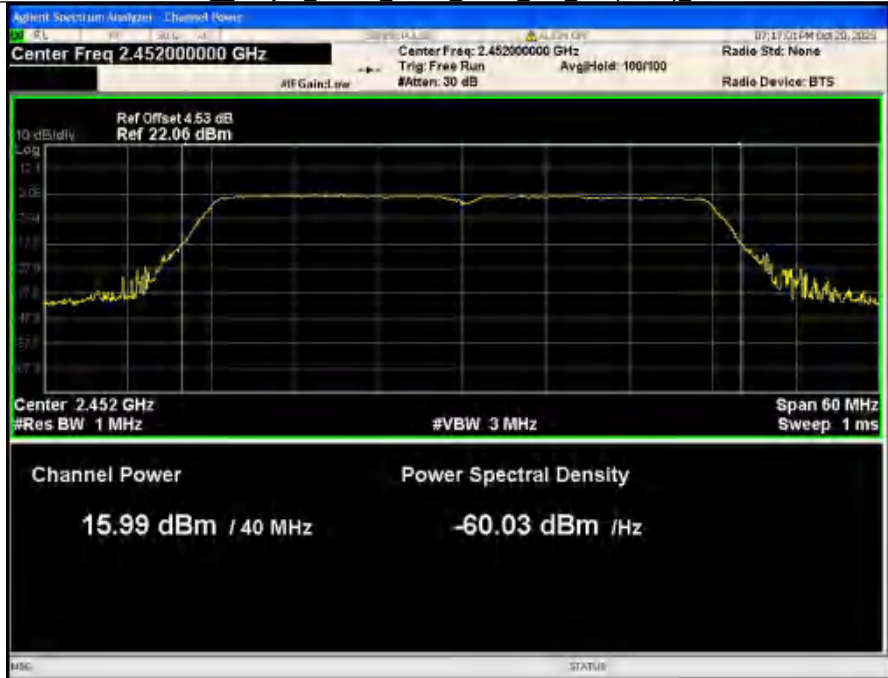
MAX Output Power NVNT_ANT1_802_11n(HT40)_2422



MAX Output Power NVNT_ANT1_802_11n(HT40)_2437



MAX Output Power NVNT ANT1_802_11n(HT40)_2452



6. Power Spectral Density

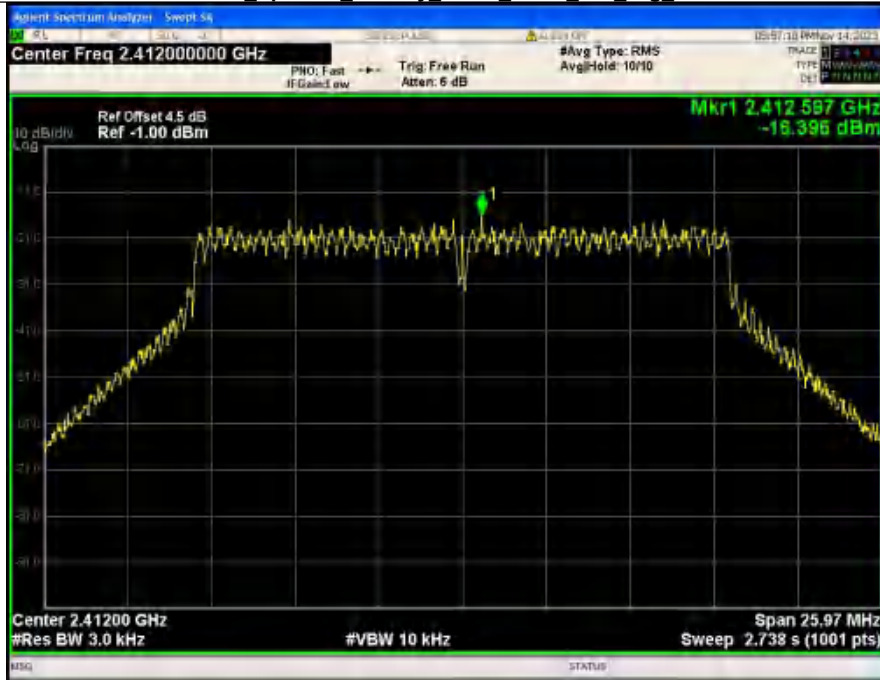
Condition	Antenna	Modulation	Frequency (MHz)	PSD(dBm/3kHz)	limit(dBm/3kHz)	Result
NVNT	ANT1	802.11b	2412.00	-8.10	8	Pass
NVNT	ANT1	802.11b	2437.00	-7.56	8	Pass
NVNT	ANT1	802.11b	2462.00	-8.62	8	Pass
NVNT	ANT1	802.11g	2412.00	-16.40	8	Pass
NVNT	ANT1	802.11g	2437.00	-15.74	8	Pass
NVNT	ANT1	802.11g	2462.00	-15.18	8	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	-16.51	8	Pass
NVNT	ANT1	802.11n(HT20)	2437.00	-15.70	8	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	-15.10	8	Pass
NVNT	ANT1	802.11n(HT40)	2422.00	-18.88	8	Pass
NVNT	ANT1	802.11n(HT40)	2437.00	-18.68	8	Pass
NVNT	ANT1	802.11n(HT40)	2452.00	-19.70	8	Pass



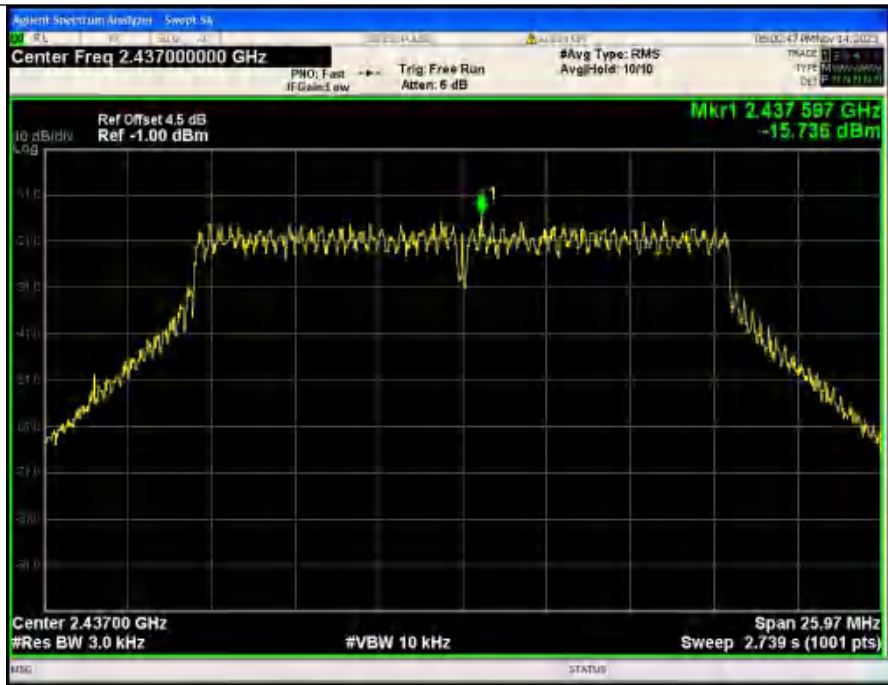
Power Spectral Density NVNT_ANT1_802_11b_2462



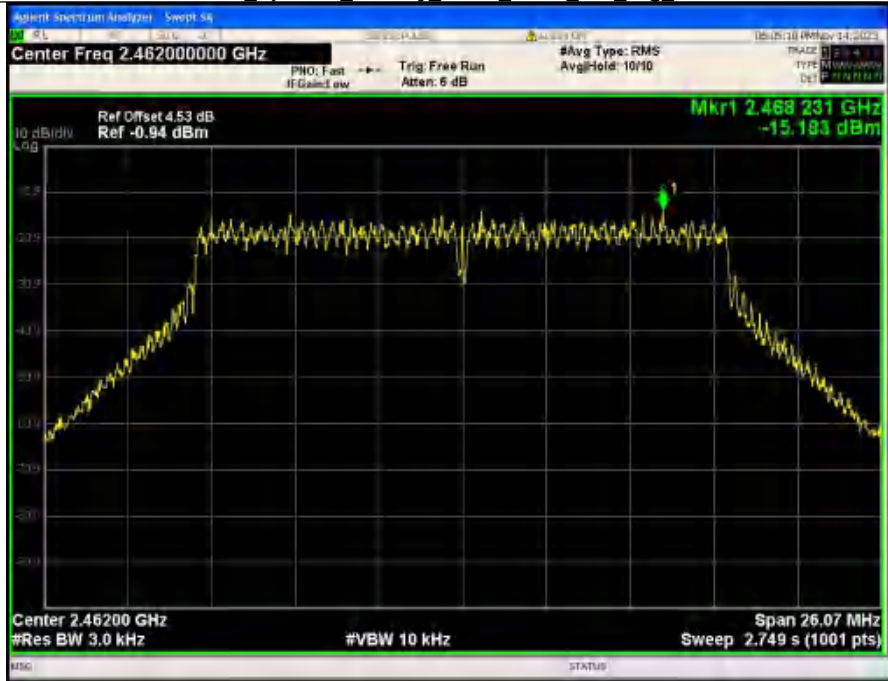
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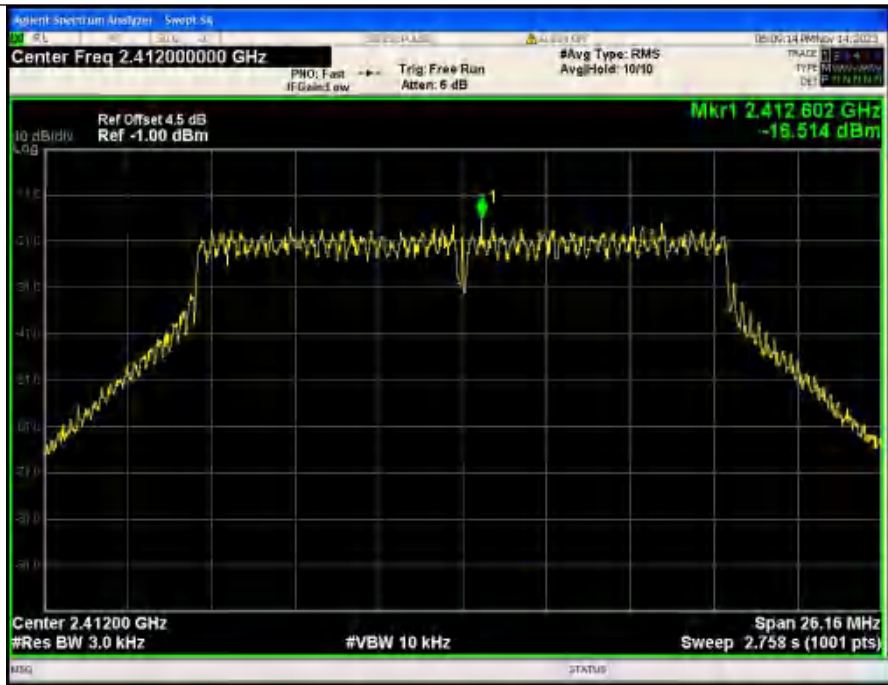
Power Spectral Density NVNT_ANT1_802_11g_2437



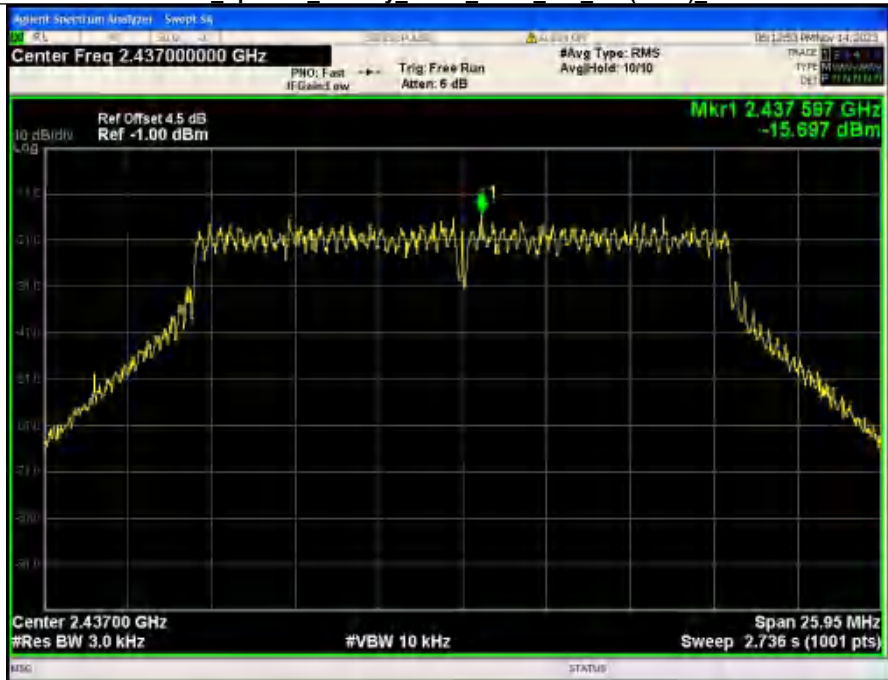
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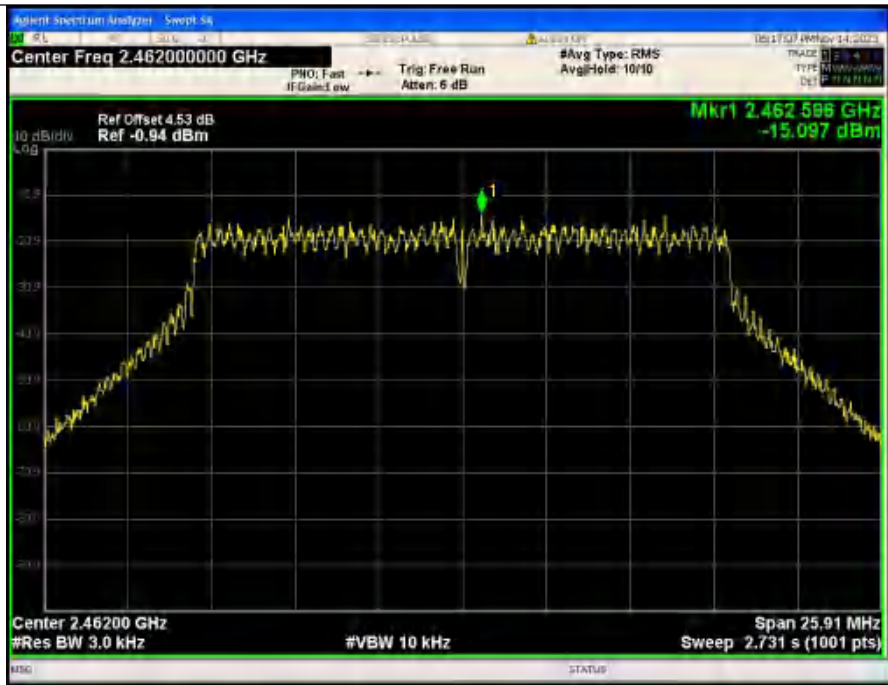
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Power Spectral Density NVNT_ANT1_802_11n(HT20)_2437



Power Spectral Density NVNT_ANT1_802_11n(HT20)_2462



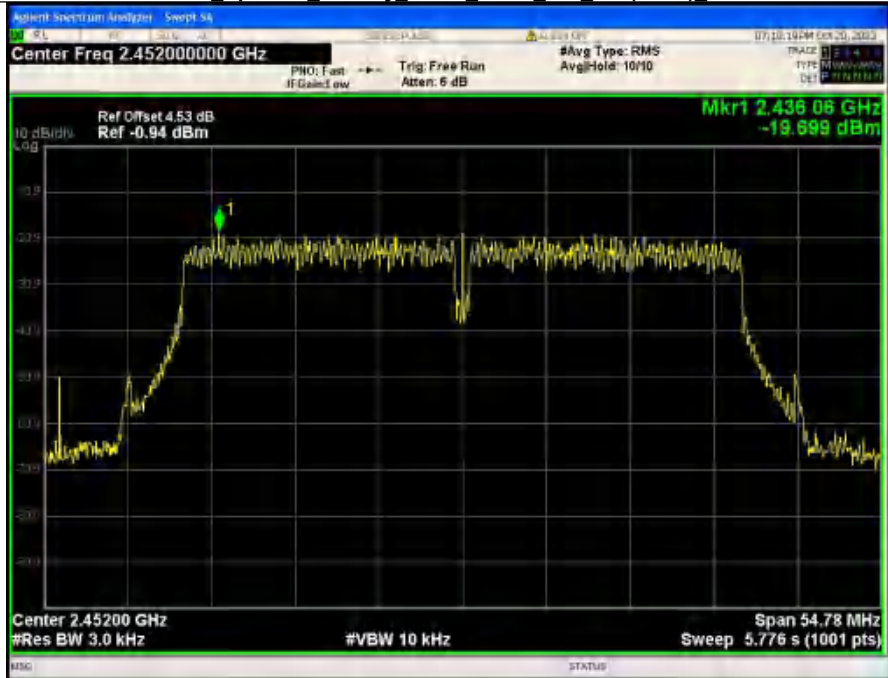
Power Spectral Density NVNT_ANT1_802_11n(HT40)_2422



Power Spectral Density NVNT_ANT1_802_11n(HT40)_2437



Power Spectral Density NVNT_ANT1_802_11n(HT40)_2452



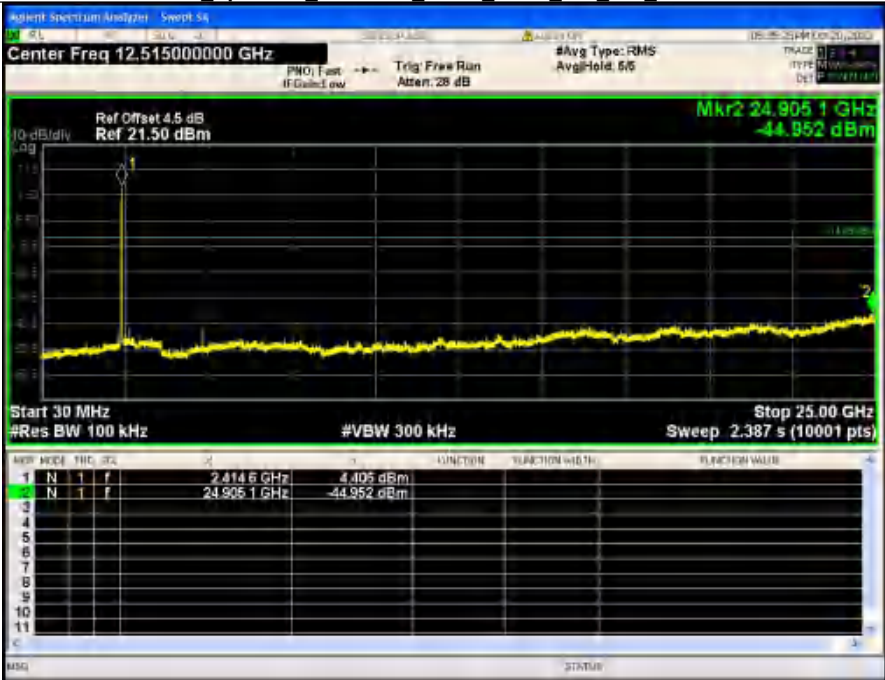
7. Spurious Emission

Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark_frequency(MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11b	2412.00	24905.114	-44.952	-14.845	Pass
NVNT	ANT1	802.11b	2437.00	24955.054	-44.290	-15.398	Pass
NVNT	ANT1	802.11b	2462.00	24952.557	-47.182	-15.335	Pass
NVNT	ANT1	802.11g	2412.00	2524.503	-50.042	-22.743	Pass
NVNT	ANT1	802.11g	2437.00	2524.503	-50.190	-22.227	Pass
NVNT	ANT1	802.11g	2462.00	2524.503	-49.856	-21.442	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	2524.503	-50.153	-23.050	Pass
NVNT	ANT1	802.11n(HT20)	2437.00	2524.503	-50.666	-22.249	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	2524.503	-50.399	-21.559	Pass
NVNT	ANT1	802.11n(HT40)	2422.00	2524.503	-50.465	-24.444	Pass
NVNT	ANT1	802.11n(HT40)	2437.00	2524.503	-49.961	-24.889	Pass
NVNT	ANT1	802.11n(HT40)	2452.00	2524.503	-49.926	-25.178	Pass

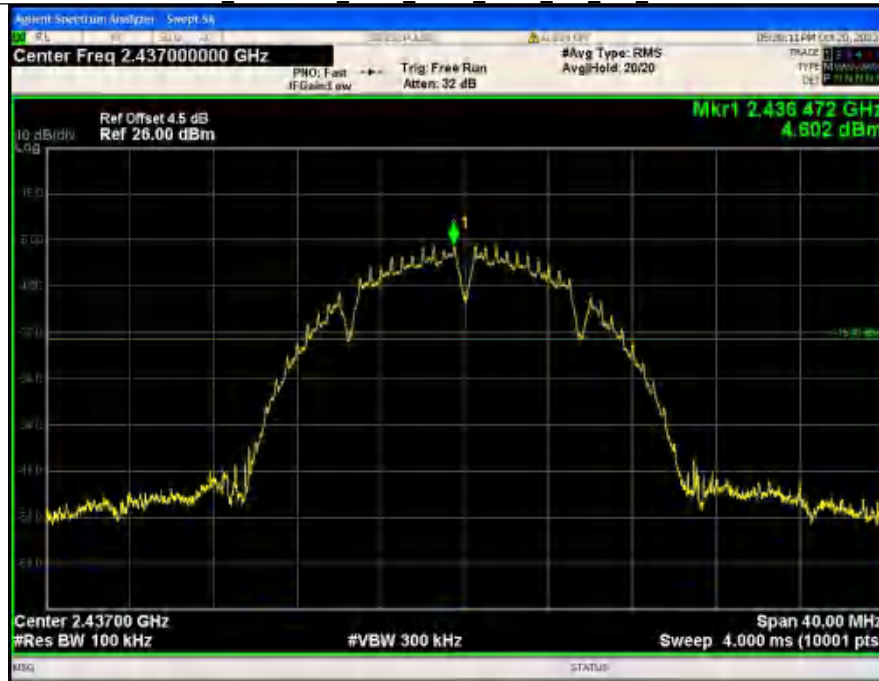
1 Reference_Level_NVNT_ANT1_802_11b_2412



2 Spurious_Emission_NVNT_ANT1_802_11b_2412



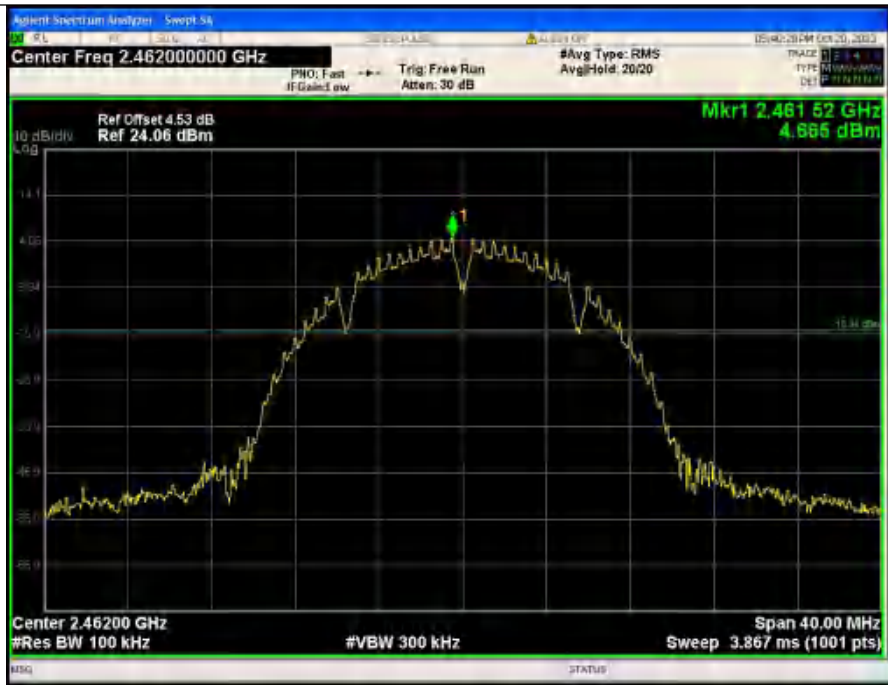
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2 Spurious_Emission_NVNT_ANT1_802_11b_2437



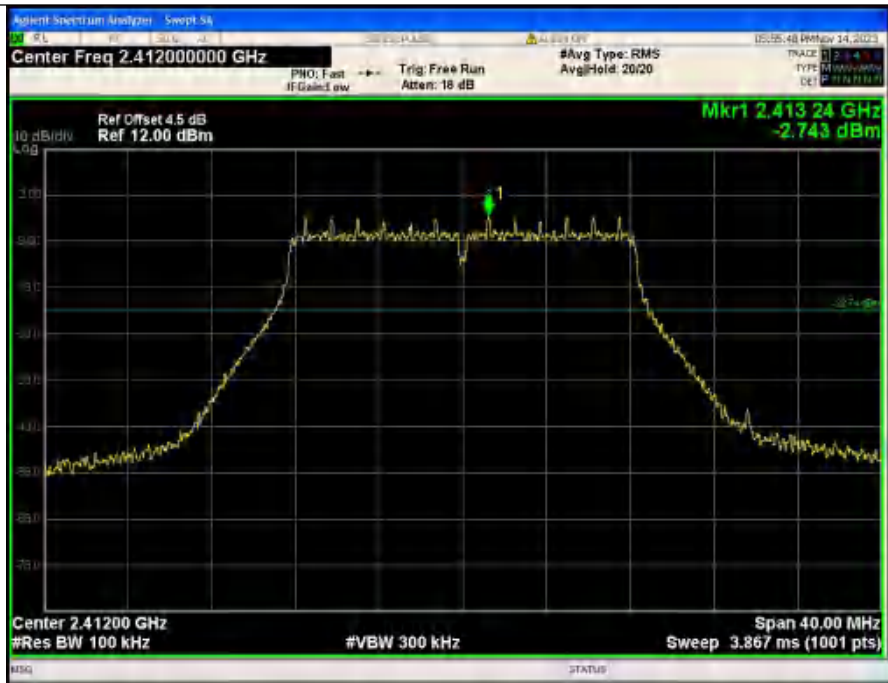
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2_Spurious_Emission_NVNT_ANT1_802_11b_2462



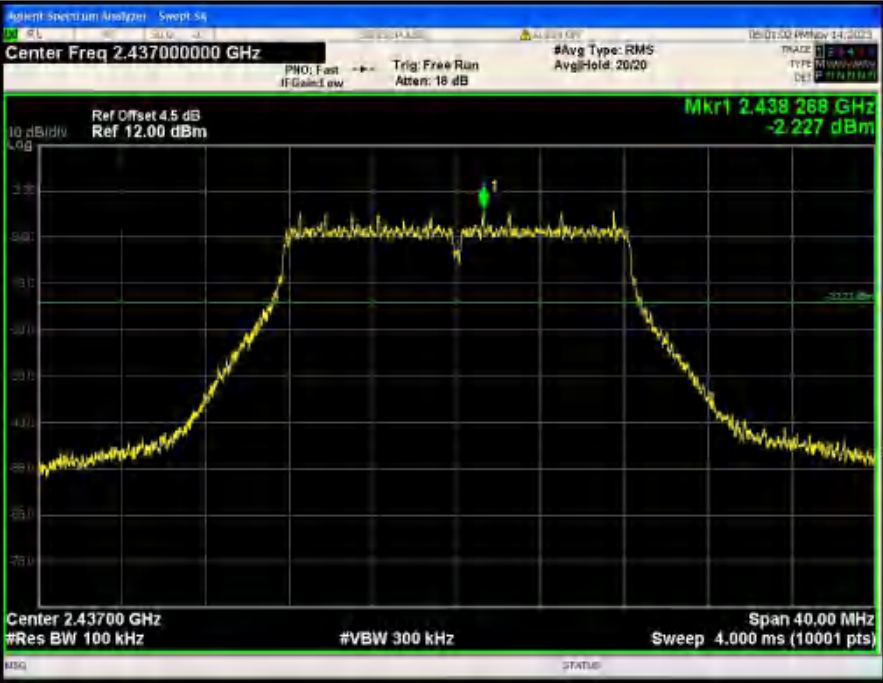
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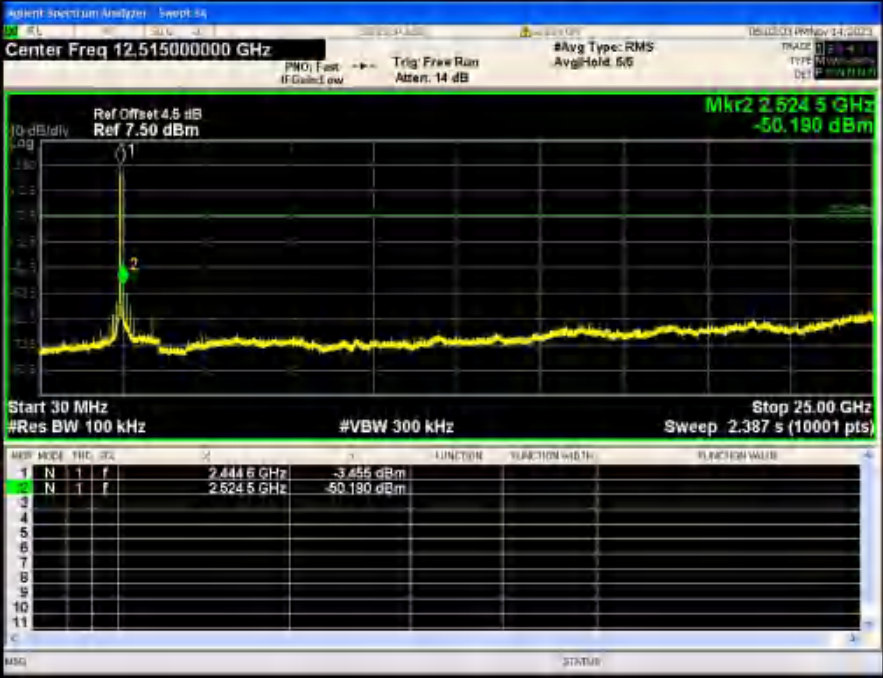
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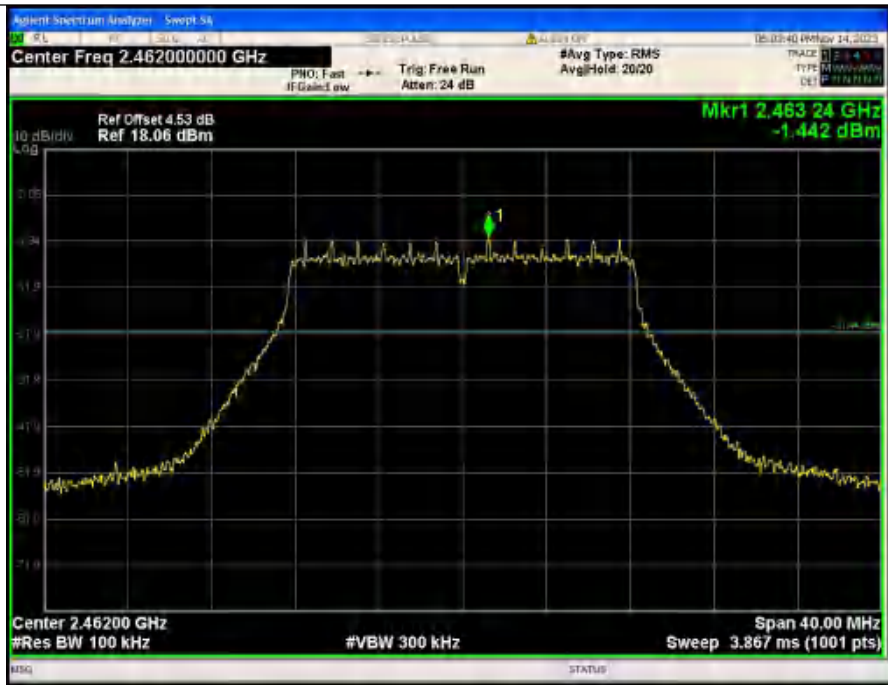
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2_Spurious_Emission_NVNT_ANT1_802_11g_2437



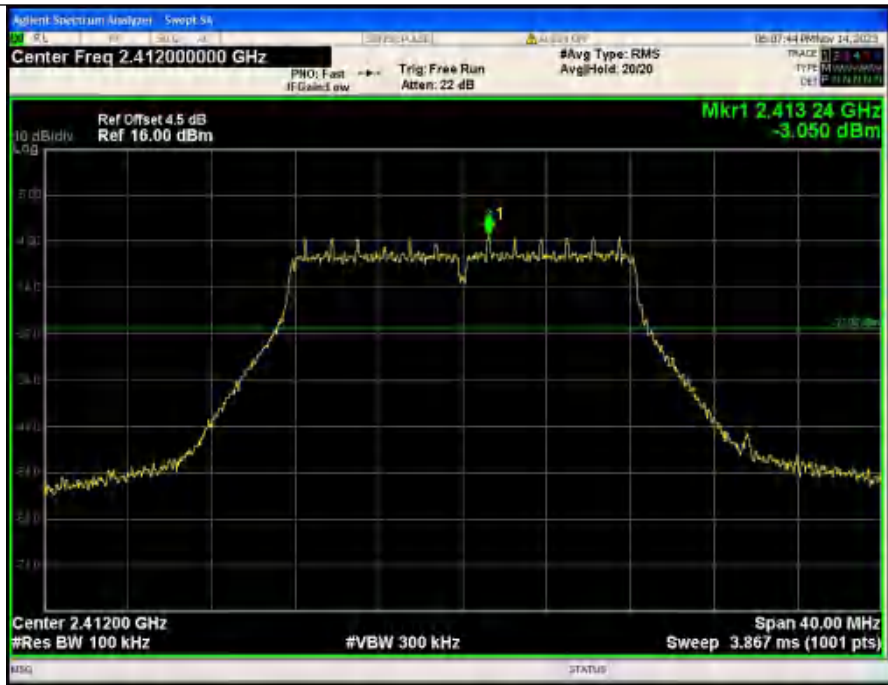
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2_Spurious_Emission_NVNT_ANT1_802_11g_2462



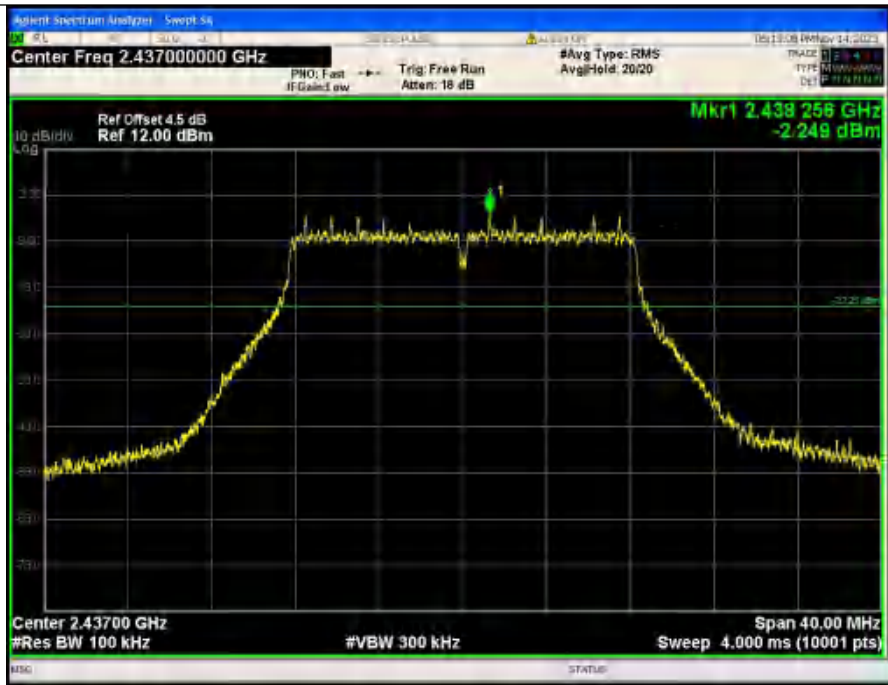
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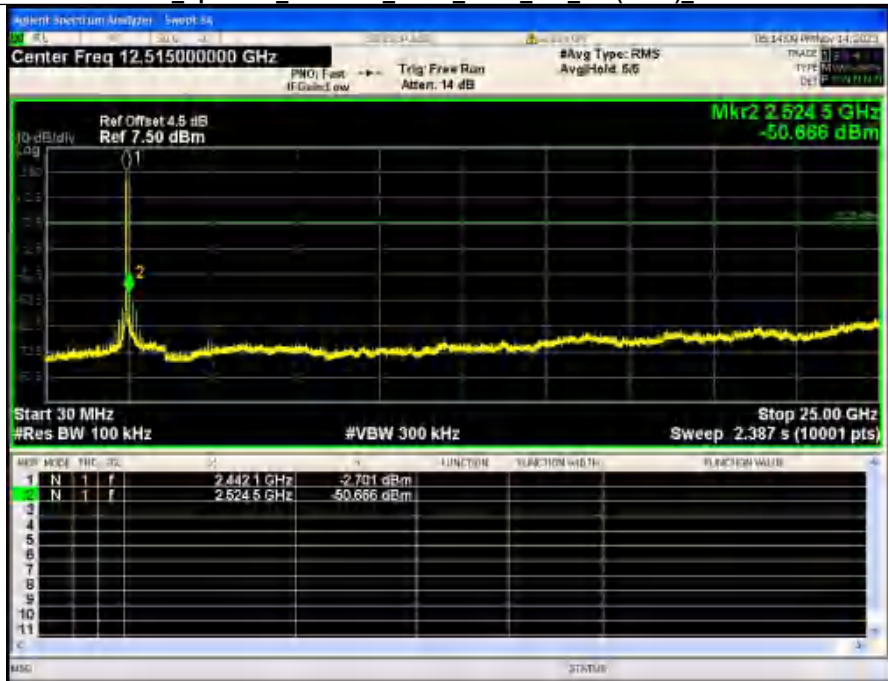
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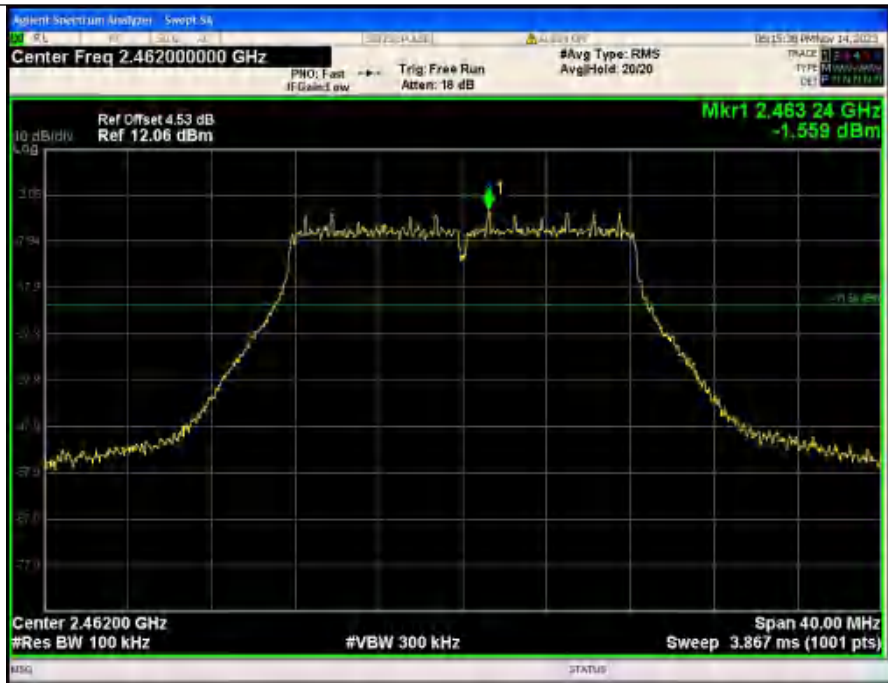
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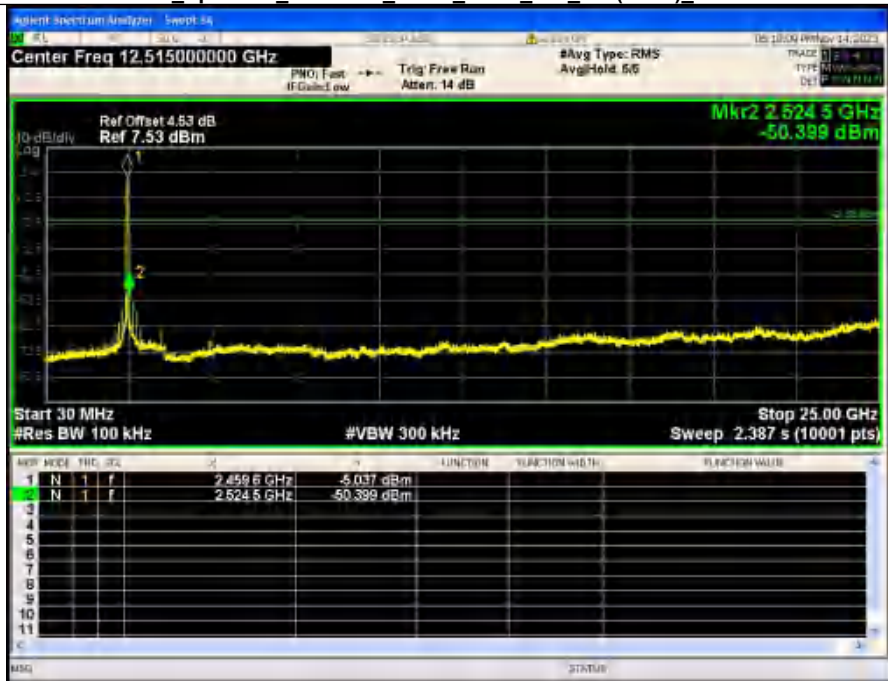
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1_Reference_Level_NVNT_ANT1_802_11n(HT20)_2462



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



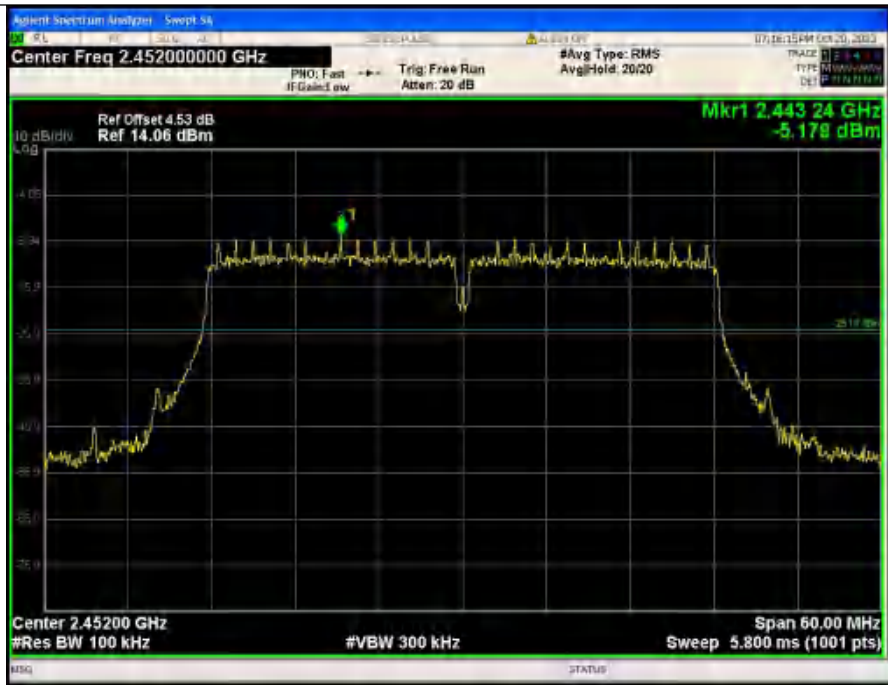
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2_Spurious_Emission_NVNT_ANT1_802_11n(HT40)_2437



1_Reference_Level_NVNT_ANT1_802_11n(HT40)_2452



2. Spurious Emission_NVNT_ANT1_802_11n(HT40)_2452

