

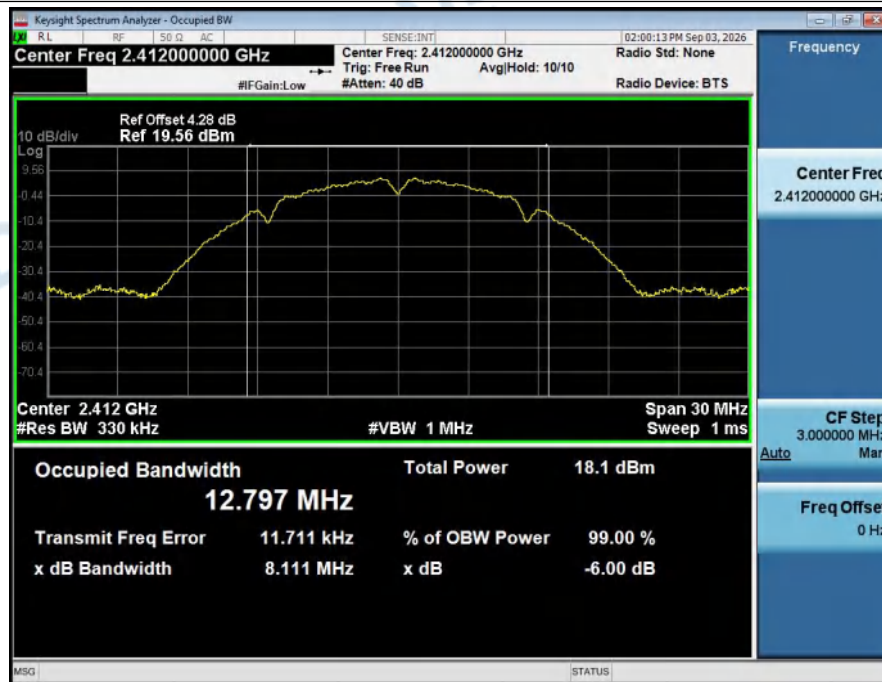
HT260831014-WIFI Moudule-FCC-2.4GWIFI

FCC_2.4G_WIFI (Part15.247) Test Data

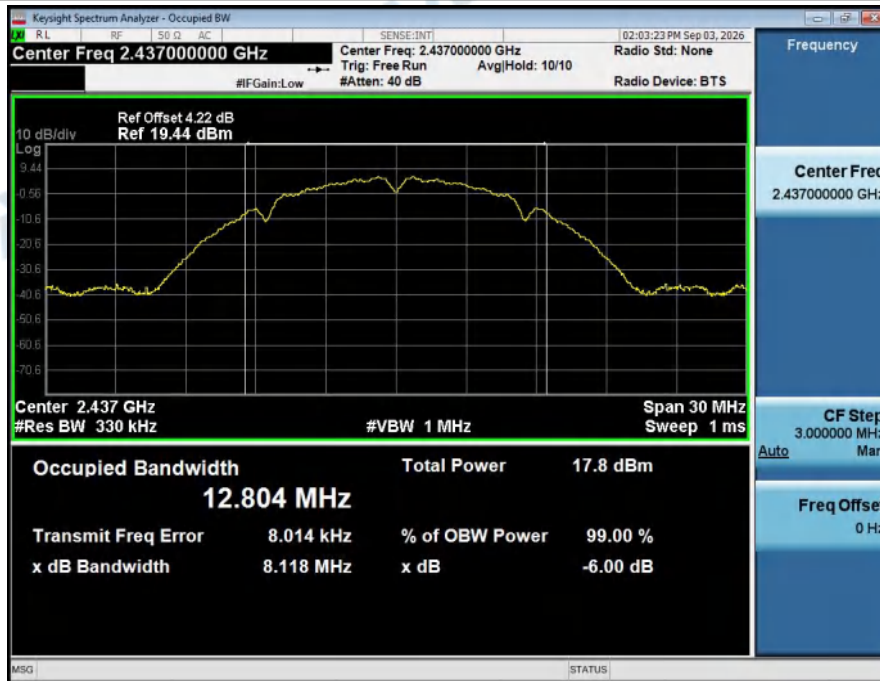
1. -6dB Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	-6dB BW(MHz)	limit(kHz)	Result
NVNT	ANT1	802.11b	2412.00	8.11	500	Pass
NVNT	ANT1	802.11b	2437.00	8.12	500	Pass
NVNT	ANT1	802.11b	2462.00	8.10	500	Pass
NVNT	ANT1	802.11g	2412.00	16.36	500	Pass
NVNT	ANT1	802.11g	2437.00	16.23	500	Pass
NVNT	ANT1	802.11g	2462.00	16.14	500	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	17.48	500	Pass
NVNT	ANT1	802.11n(HT20)	2437.00	17.47	500	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	17.45	500	Pass
NVNT	ANT1	802.11ax(HE20)	2412.00	18.64	500	Pass
NVNT	ANT1	802.11ax(HE20)	2437.00	18.88	500	Pass
NVNT	ANT1	802.11ax(HE20)	2462.00	18.82	500	Pass
NVNT	ANT1	802.11n(HT40)	2422.00	35.79	500	Pass
NVNT	ANT1	802.11n(HT40)	2437.00	35.38	500	Pass
NVNT	ANT1	802.11n(HT40)	2452.00	35.17	500	Pass
NVNT	ANT1	802.11ax(HE40)	2422.00	37.00	500	Pass
NVNT	ANT1	802.11ax(HE40)	2437.00	37.27	500	Pass
NVNT	ANT1	802.11ax(HE40)	2452.00	37.13	500	Pass

-6dB_Bandwidth_NVNT_ANT1_802_11b_2412



-6dB_Bandwidth_NVNT_ANT1_802_11b_2437



-6dB_Bandwidth_NVNT_ANT1_802_11b_2462



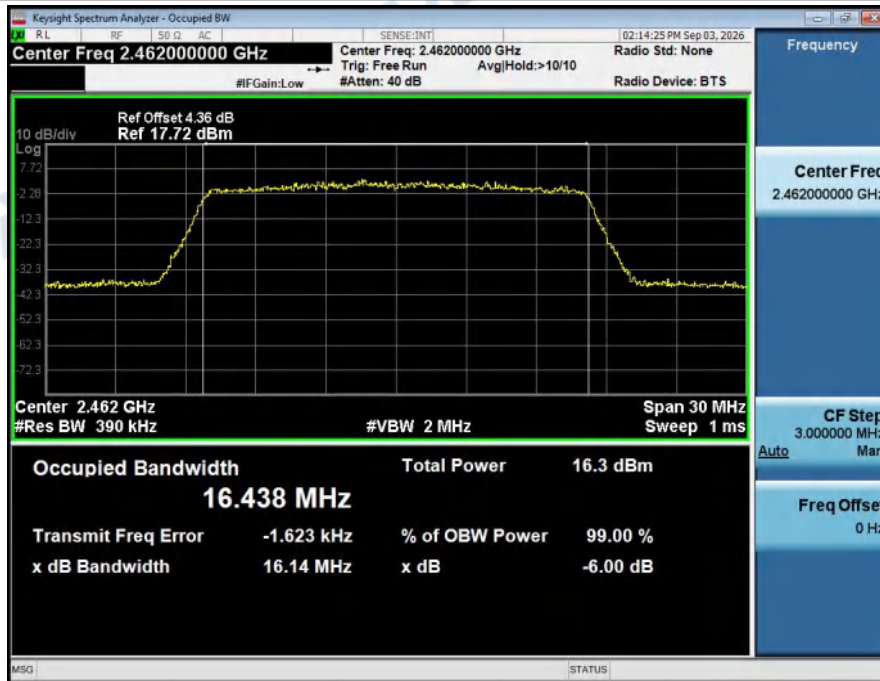
-6dB_Bandwidth_NVNT_ANT1_802_11g_2412



-6dB_Bandwidth_NVNT_ANT1_802_11g_2437



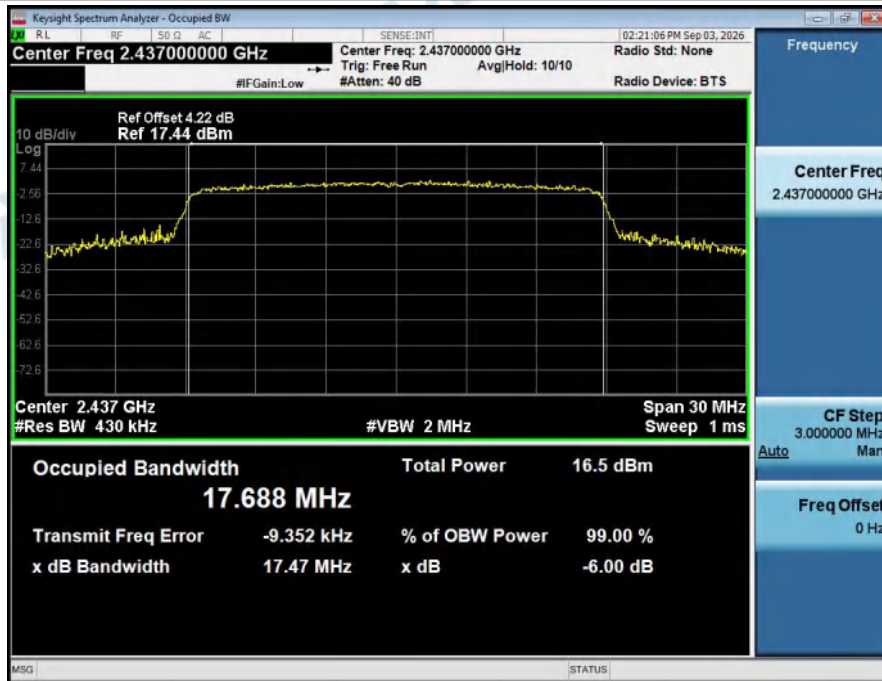
-6dB_Bandwidth_NVNT_ANT1_802_11g_2462



-6dB_Bandwidth_NVNT_ANT1_802_11n(HT20)_2412



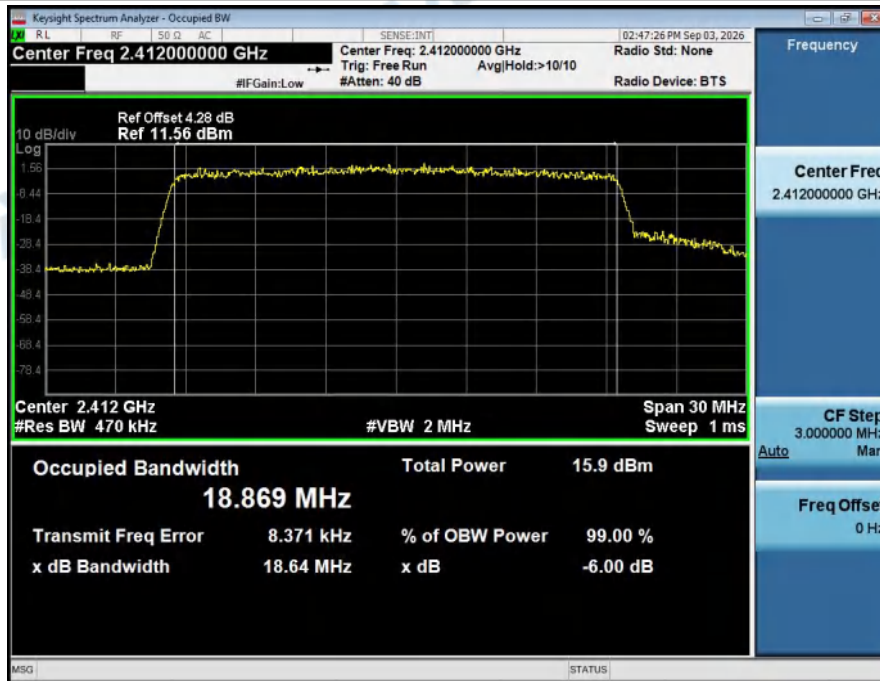
-6dB_Bandwidth_NVNT_ANT1_802_11n(HT20)_2437



-6dB_Bandwidth_NVNT_ANT1_802_11n(HT20)_2462



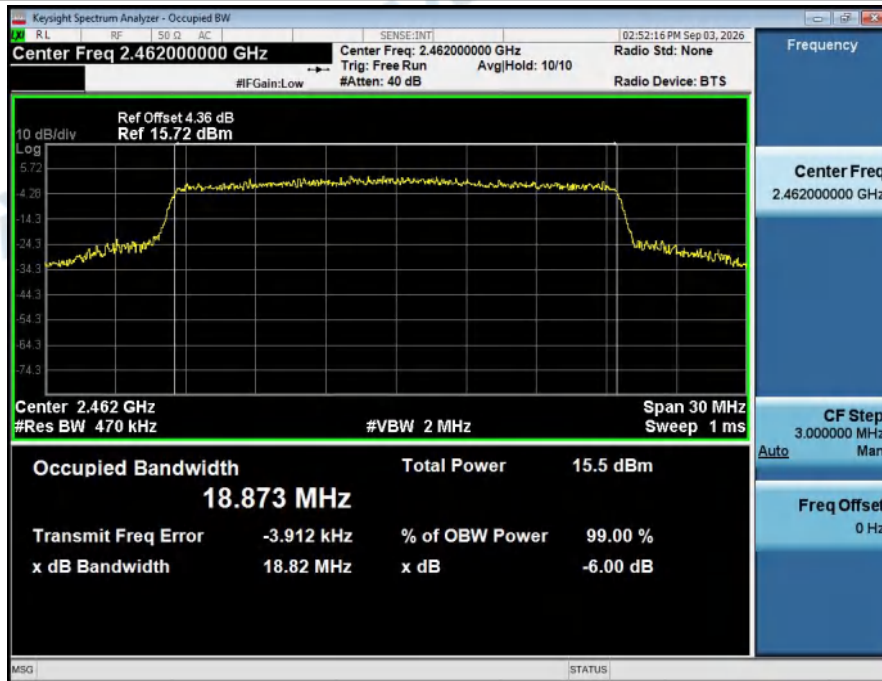
-6dB_Bandwidth_NVNT_ANT1_802_11ax(HE20)_2412



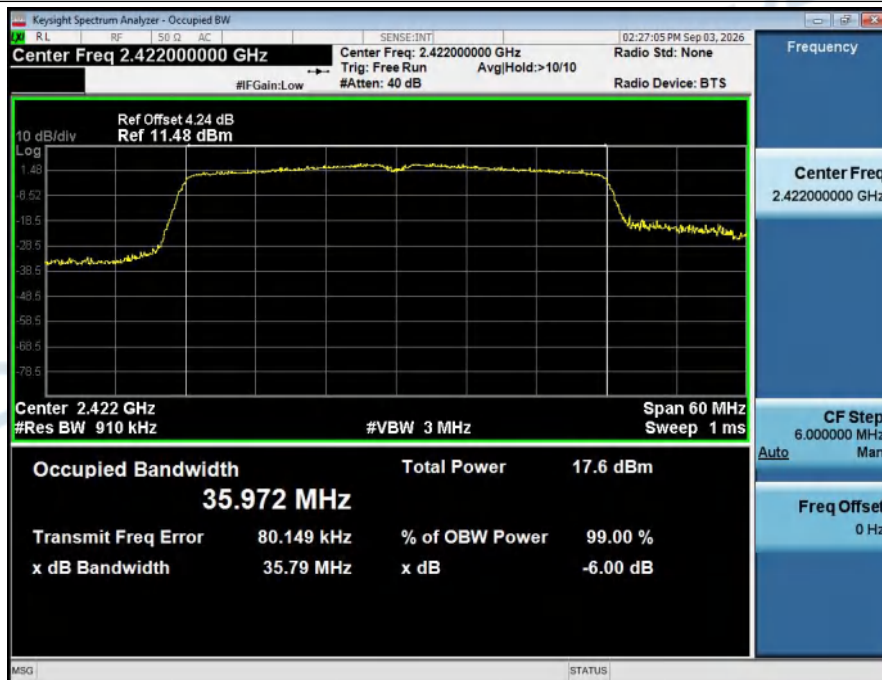
-6dB_Bandwidth_NVNT_ANT1_802_11ax(HE20)_2437



-6dB_Bandwidth_NVNT_ANT1_802_11ax(HE20)_2462



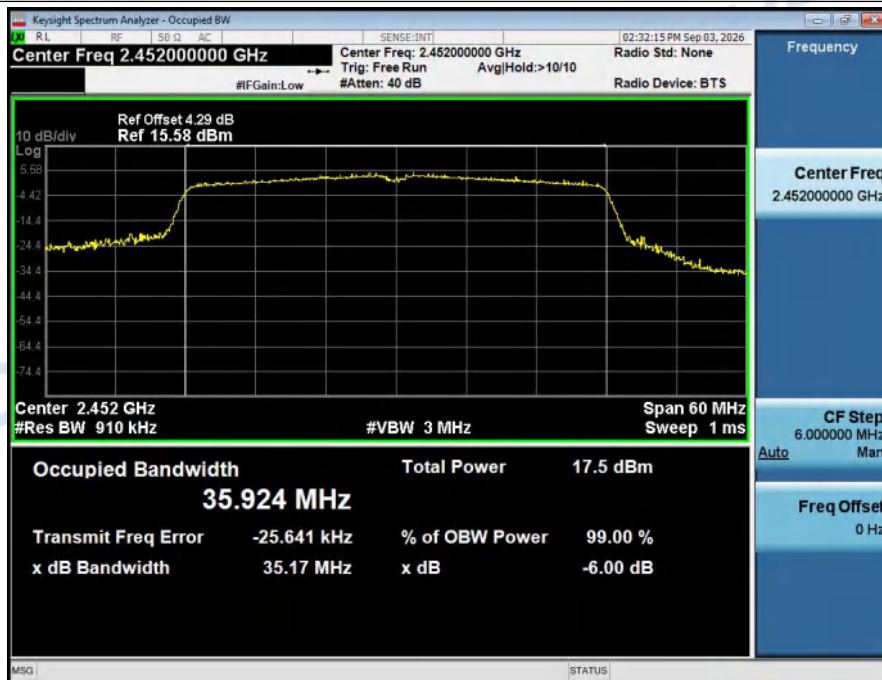
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-6dB_Bandwidth_NVNT_ANT1_802_11n(HT40)_2437



-6dB_Bandwidth_NVNT_ANT1_802_11n(HT40)_2452



-6dB_Bandwidth_NVNT_ANT1_802_11ax(HE40)_2422



-6dB_Bandwidth_NVNT_ANT1_802_11ax(HE40)_2437



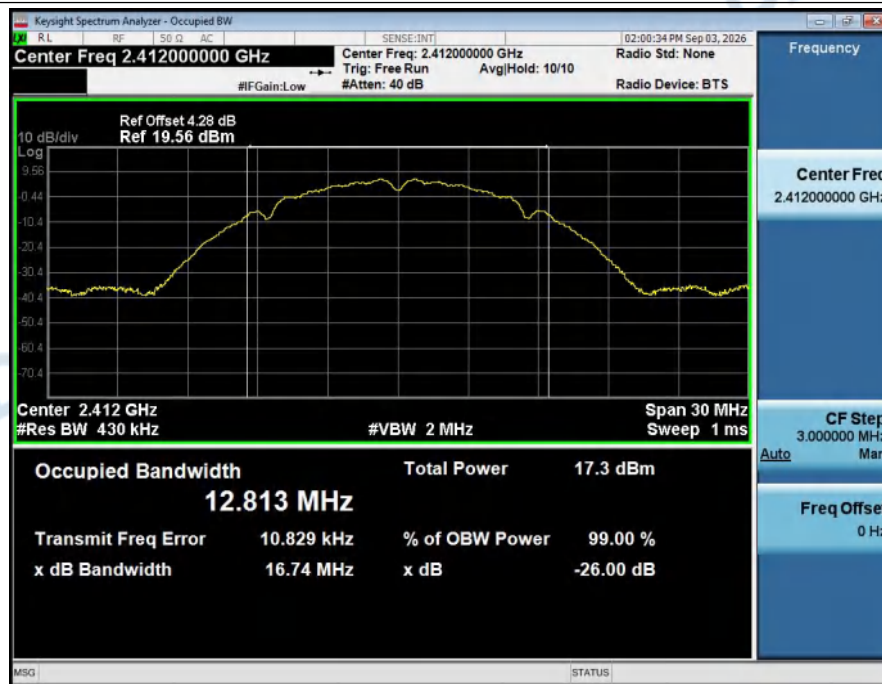
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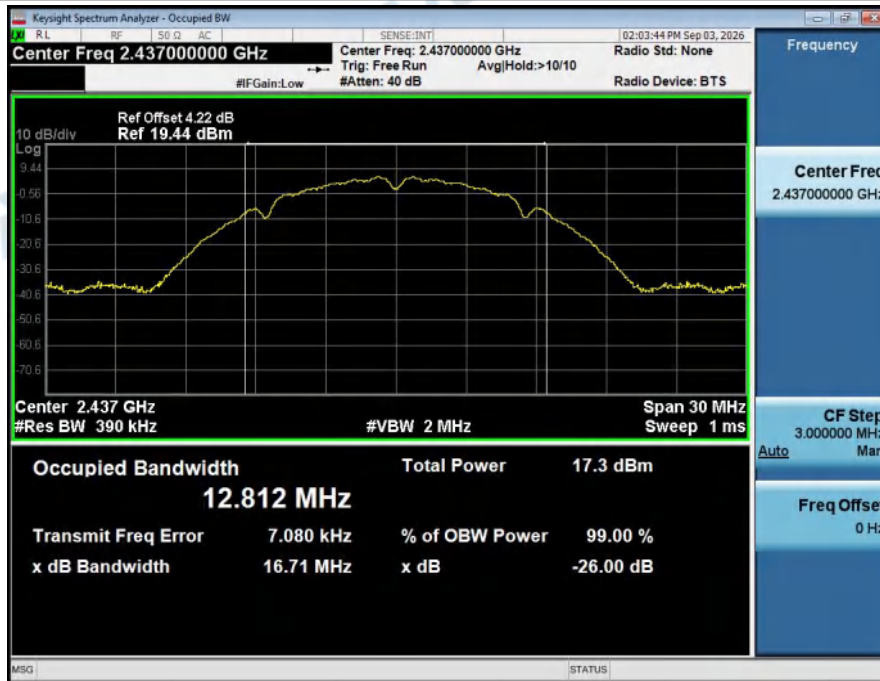
2. 99% Occupied Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	99% BW (MHz)
NVNT	ANT1	802.11b	2412.00	12.813
NVNT	ANT1	802.11b	2437.00	12.812
NVNT	ANT1	802.11b	2462.00	12.811
NVNT	ANT1	802.11g	2412.00	16.452
NVNT	ANT1	802.11g	2437.00	16.483
NVNT	ANT1	802.11g	2462.00	16.459
NVNT	ANT1	802.11n(HT20)	2412.00	17.605
NVNT	ANT1	802.11n(HT20)	2437.00	17.783
NVNT	ANT1	802.11n(HT20)	2462.00	17.640
NVNT	ANT1	802.11ax(HE20)	2412.00	18.919
NVNT	ANT1	802.11ax(HE20)	2437.00	18.916
NVNT	ANT1	802.11ax(HE20)	2462.00	18.901
NVNT	ANT1	802.11n(HT40)	2422.00	35.970
NVNT	ANT1	802.11n(HT40)	2437.00	36.030
NVNT	ANT1	802.11n(HT40)	2452.00	35.937
NVNT	ANT1	802.11ax(HE40)	2422.00	37.748
NVNT	ANT1	802.11ax(HE40)	2437.00	37.803
NVNT	ANT1	802.11ax(HE40)	2452.00	37.593

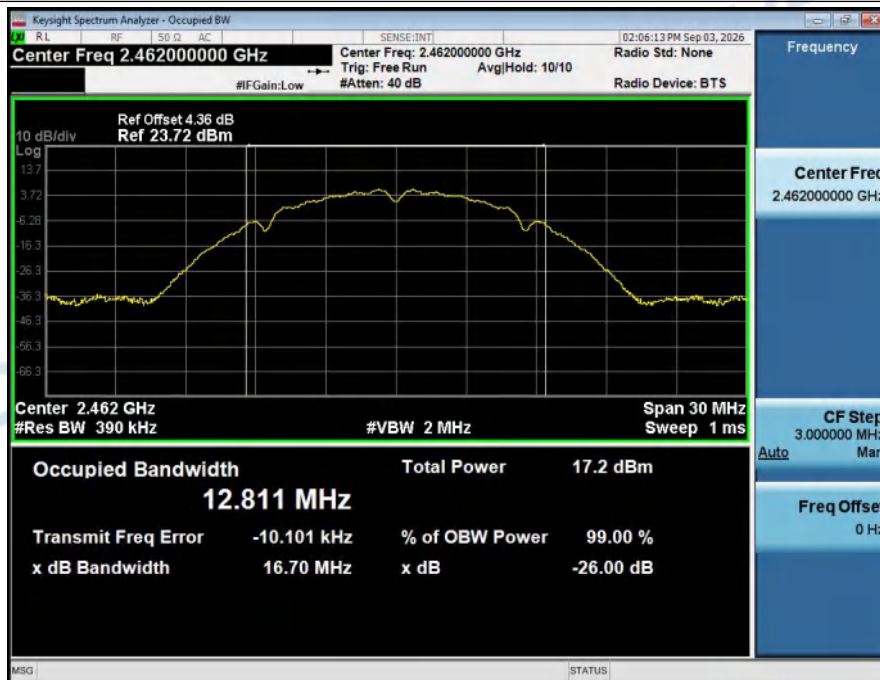
99%_Occupied_Bandwidth_NVNT_ANT1_802_11b_2412



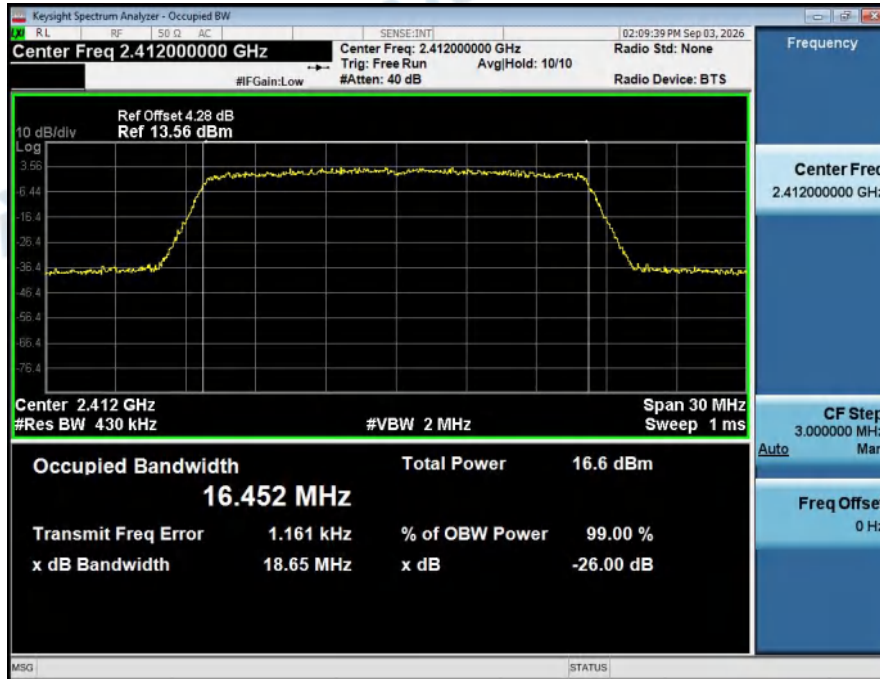
99%_Occupied_Bandwidth_NVNT_ANT1_802_11b_2437



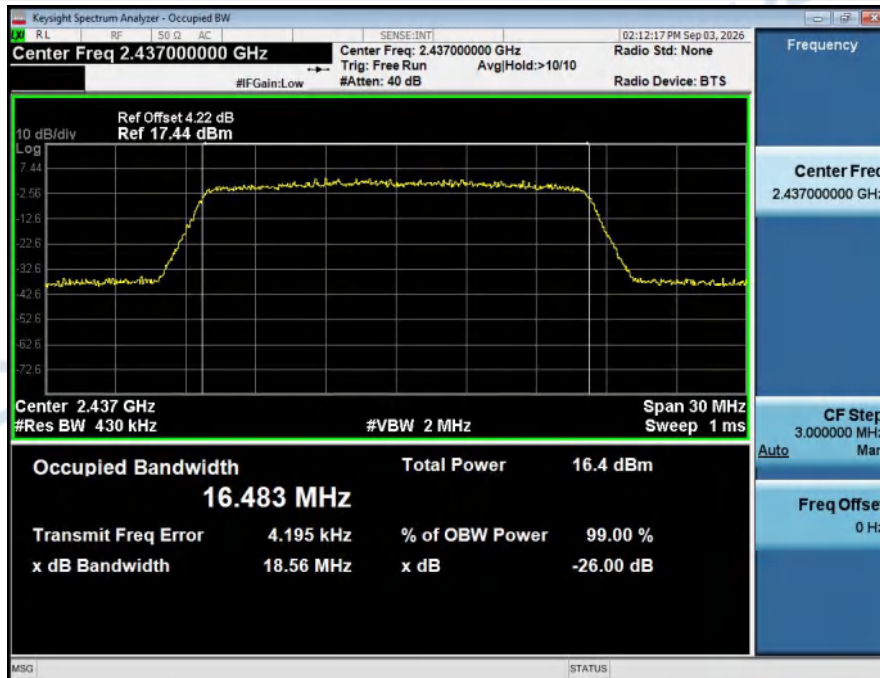
99%_Occupied_Bandwidth_NVNT_ANT1_802_11b_2462



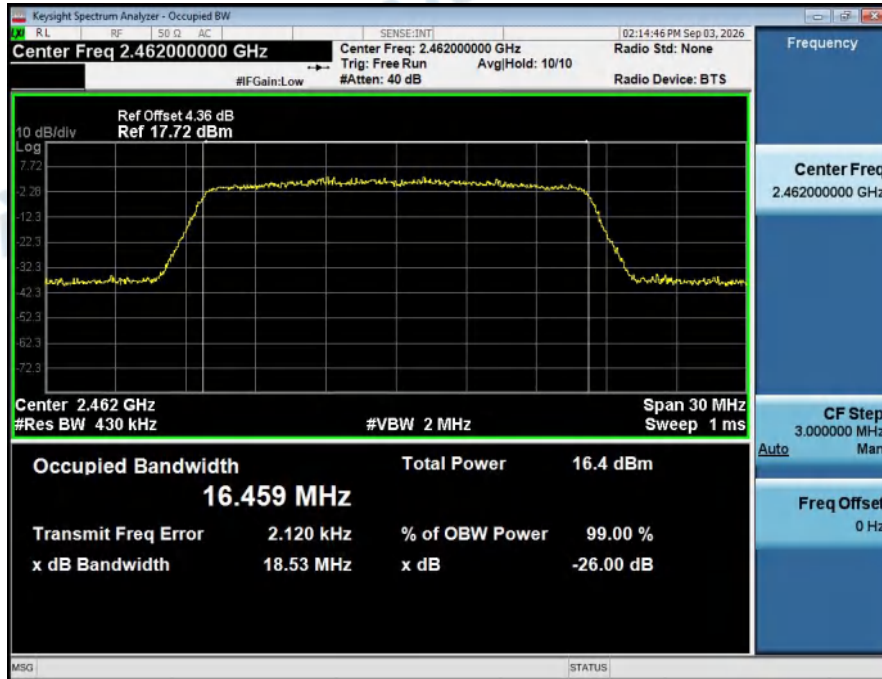
99%_Occupied_Bandwidth_NVNT_ANT1_802_11g_2412



99%_Occupied_Bandwidth_NVNT_ANT1_802_11g_2437



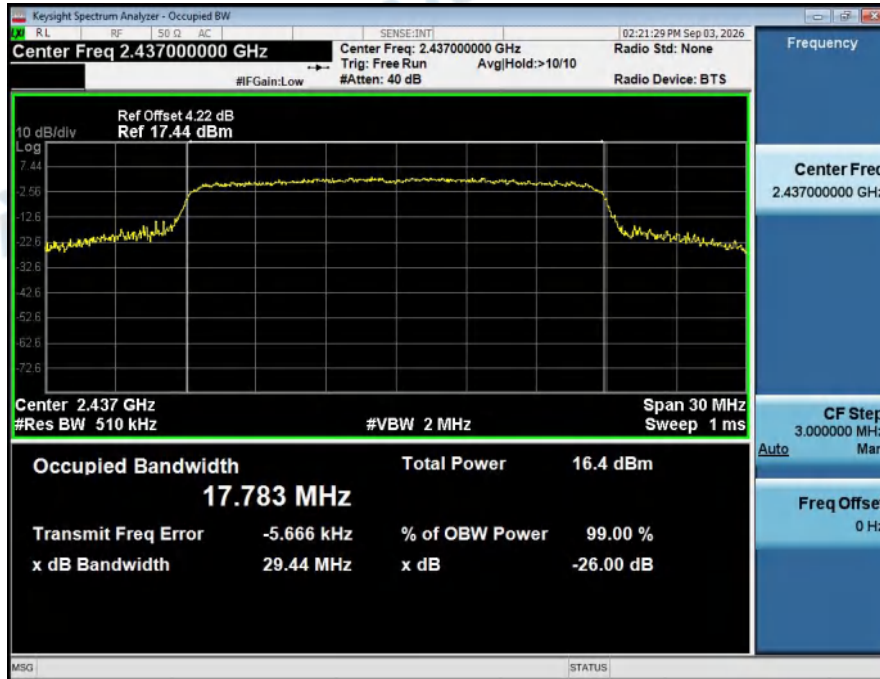
99%_Occupied_Bandwidth_NVNT_ANT1_802_11g_2462



99%_Occupied_Bandwidth_NVNT_ANT1_802_11n(HT20)_2412



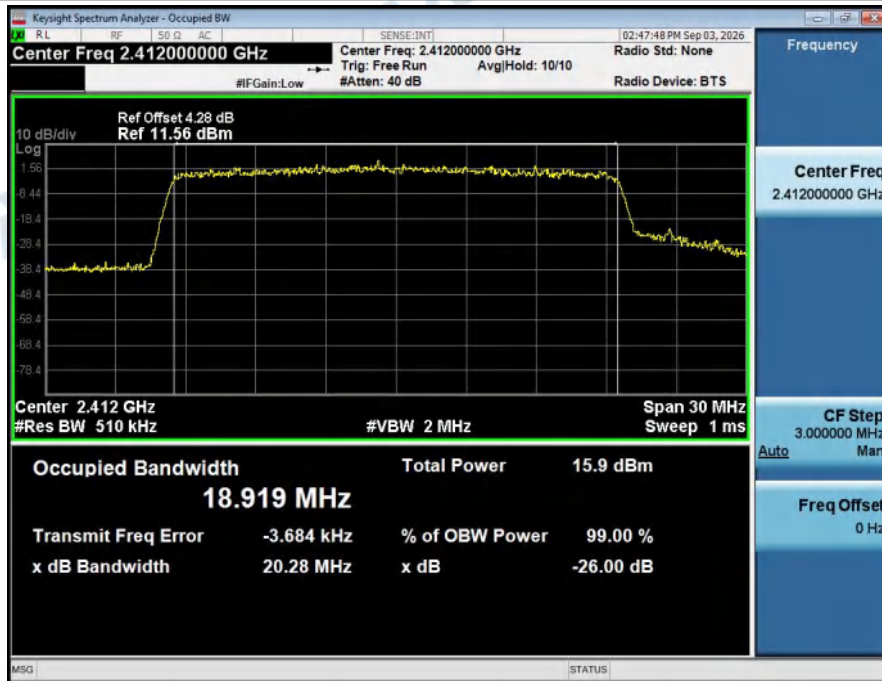
99%_Occupied_Bandwidth_NVNT_ANT1_802_11n(HT20)_2437



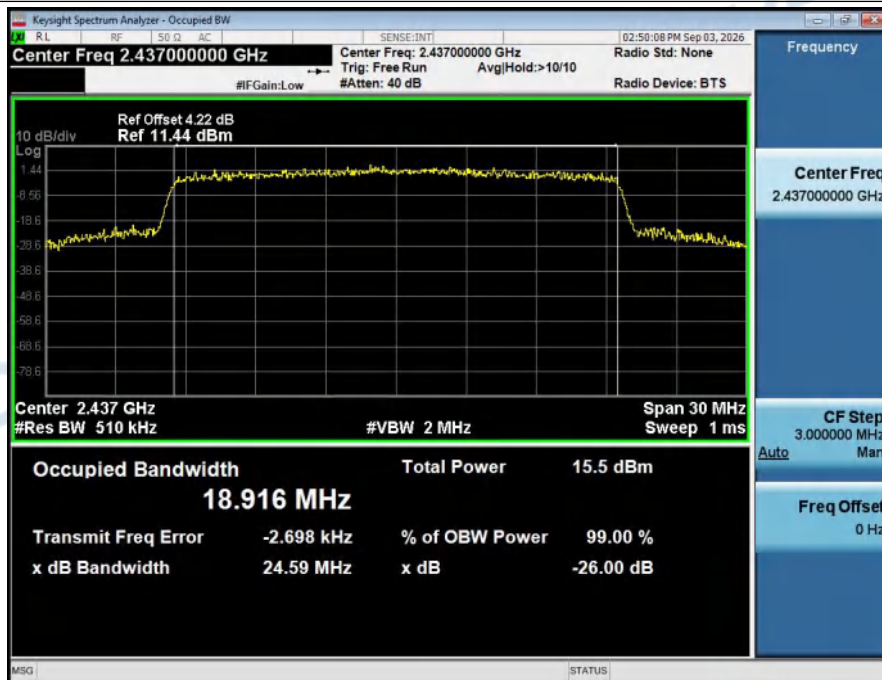
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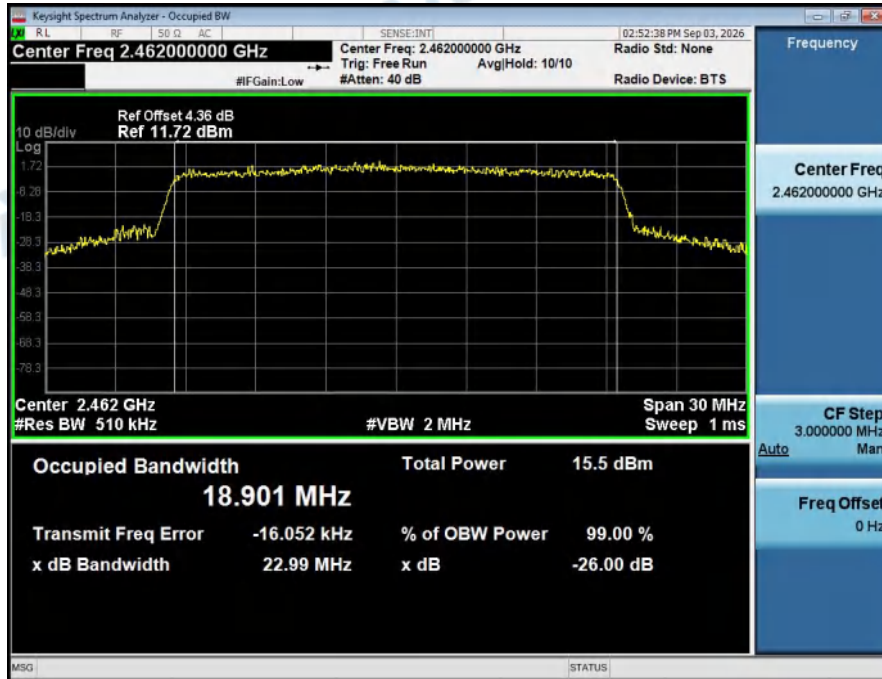
99%_Occupied_Bandwidth_NVNT_ANT1_802_11ax(HE20)_2412



99%_Occupied_Bandwidth_NVNT_ANT1_802_11ax(HE20)_2437



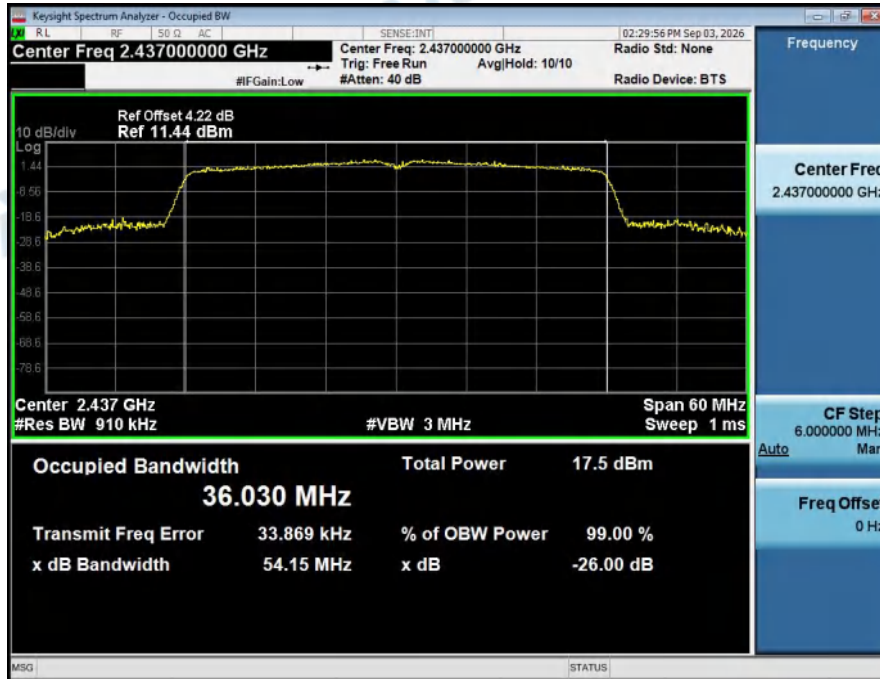
99%_Occupied_Bandwidth_NVNT_ANT1_802_11ax(HE20)_2462



99%_Occupied_Bandwidth_NVNT_ANT1_802_11n(HT40)_2422



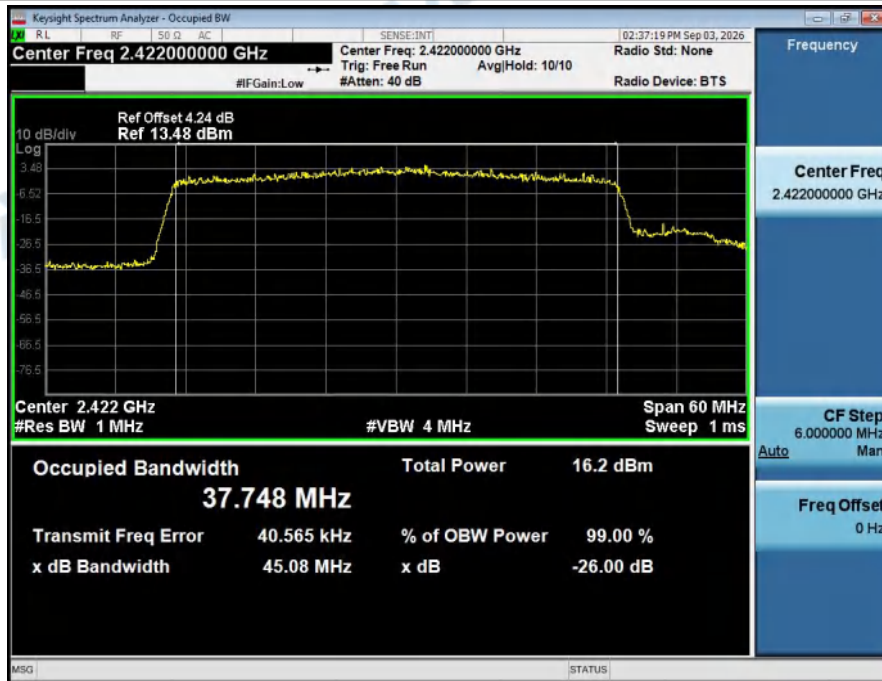
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99%_Occupied_Bandwidth_NVNT_ANT1_802_11n(HT40)_2452



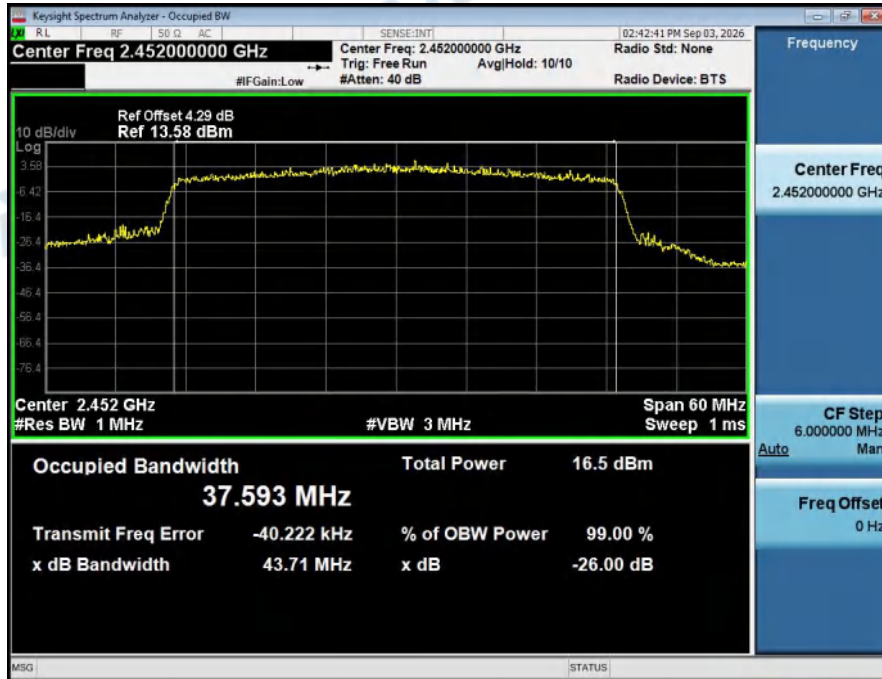
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99%_Occupied_Bandwidth_NVNT_ANT1_802_11ax(HE40)_2437



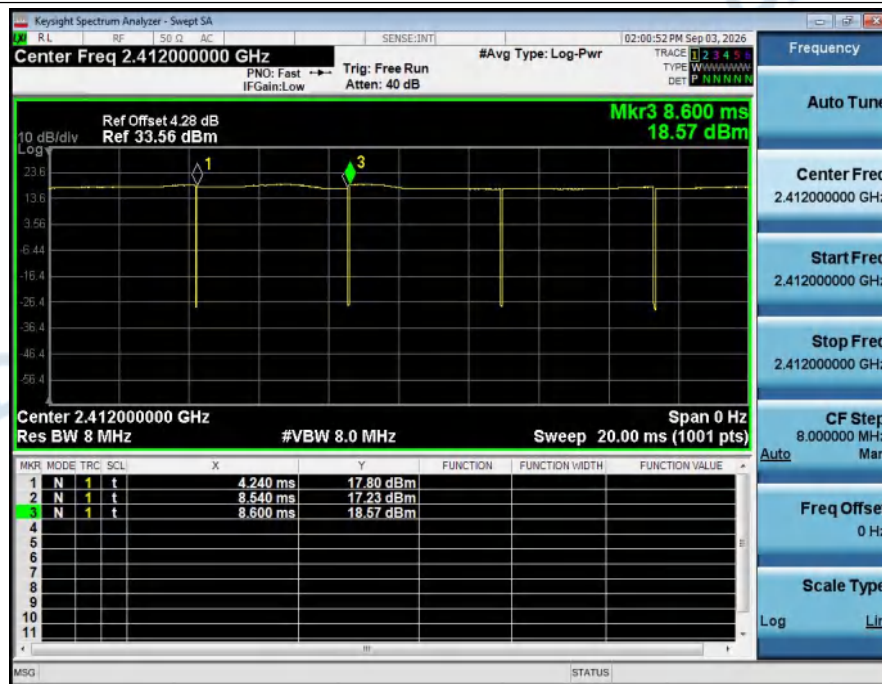
99%_Occupied_Bandwidth_NVNT_ANT1_802_11ax(HE40)_2452



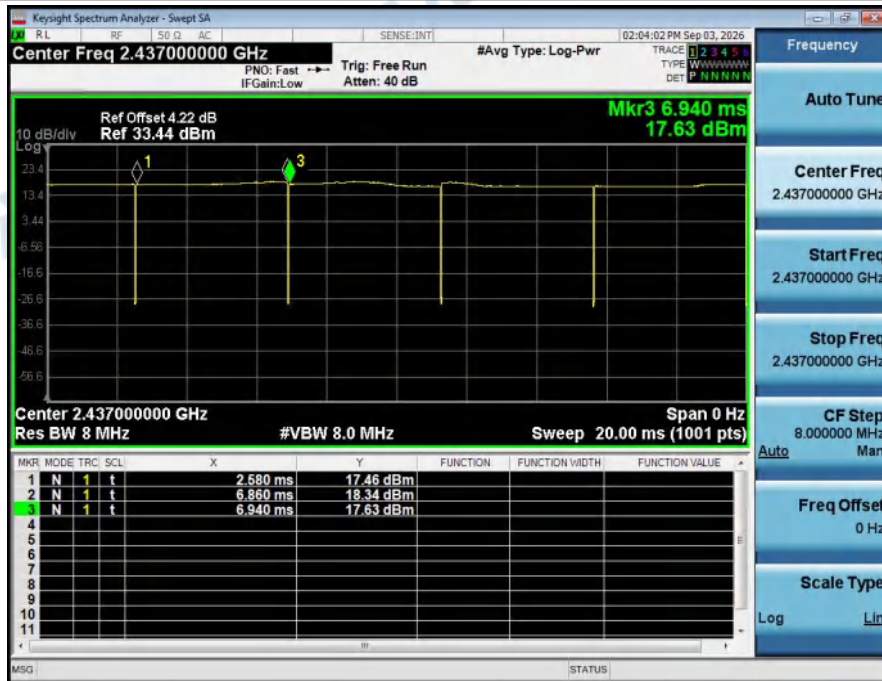
3. Duty Cycle

Condition	Antenna	Modulation	Frequency (MHz)	Duty cycle(%)	Duty factor(dB)
NVNT	ANT1	802.11b	2412.00	99.08	0.00
NVNT	ANT1	802.11b	2437.00	98.62	0.00
NVNT	ANT1	802.11b	2462.00	98.62	0.00
NVNT	ANT1	802.11g	2412.00	84.62	0.73
NVNT	ANT1	802.11g	2437.00	76.92	1.14
NVNT	ANT1	802.11g	2462.00	84.62	0.73
NVNT	ANT1	802.11n(HT20)	2412.00	97.10	0.13
NVNT	ANT1	802.11n(HT20)	2437.00	97.06	0.13
NVNT	ANT1	802.11n(HT20)	2462.00	97.06	0.13
NVNT	ANT1	802.11ax(HE20)	2412.00	84.62	0.73
NVNT	ANT1	802.11ax(HE20)	2437.00	84.62	0.73
NVNT	ANT1	802.11ax(HE20)	2462.00	84.62	0.73
NVNT	ANT1	802.11n(HT40)	2422.00	97.14	0.13
NVNT	ANT1	802.11n(HT40)	2437.00	94.29	0.26
NVNT	ANT1	802.11n(HT40)	2452.00	97.14	0.13
NVNT	ANT1	802.11ax(HE40)	2422.00	76.92	1.14
NVNT	ANT1	802.11ax(HE40)	2437.00	85.71	0.67
NVNT	ANT1	802.11ax(HE40)	2452.00	84.62	0.73

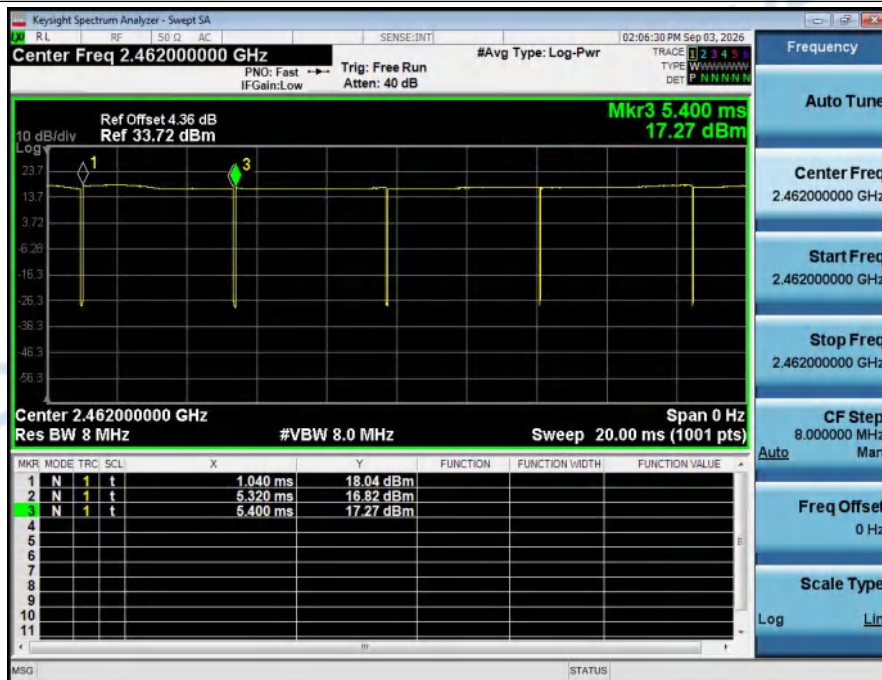
Duty_Cycle_NVNT_ANT1_802_11b_2412



Duty_Cycle_NVNT_ANT1_802_11b_2437



Duty_Cycle_NVNT_ANT1_802_11b_2462



4. 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	16.43	N/A	16.43	30	Pass
NVNT	ANT1	802.11b	2462.00	Peak	16.35	N/A	16.35	30	Pass
NVNT	ANT1	802.11g	2412.00	Peak	16.12	N/A	16.12	30	Pass
NVNT	ANT1	802.11g	2437.00	Peak	15.99	N/A	15.99	30	Pass
NVNT	ANT1	802.11g	2462.00	Peak	15.84	N/A	15.84	30	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	Peak	16.38	N/A	16.38	30	Pass
NVNT	ANT1	802.11n(HT20)	2437.00	Peak	16.03	N/A	16.03	30	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	Peak	16.01	N/A	16.01	30	Pass
NVNT	ANT1	802.11ax(HE20)	2412.00	Peak	15.39	N/A	15.39	30	Pass
NVNT	ANT1	802.11ax(HE20)	2437.00	Peak	15.15	N/A	15.15	30	Pass
NVNT	ANT1	802.11ax(HE20)	2462.00	Peak	15.15	N/A	15.15	30	Pass
NVNT	ANT1	802.11n(HT40)	2422.00	Peak	16.63	N/A	16.63	30	Pass
NVNT	ANT1	802.11n(HT40)	2437.00	Peak	16.50	N/A	16.50	30	Pass
NVNT	ANT1	802.11n(HT40)	2452.00	Peak	16.47	N/A	16.47	30	Pass
NVNT	ANT1	802.11ax(HE40)	2422.00	Peak	15.53	N/A	15.53	30	Pass
NVNT	ANT1	802.11ax(HE40)	2437.00	Peak	15.29	N/A	15.29	30	Pass
NVNT	ANT1	802.11ax(HE40)	2452.00	Peak	15.28	N/A	15.28	30	Pass

5. Power Spectral Density

Condition	Antenna	Modulation	Frequency (MHz)	SA_PSD(dBm/30kHz)	limit(dBm/3kHz)	Result
NVNT	ANT1	802.11b	2412.00	1.25	8	Pass
NVNT	ANT1	802.11b	2437.00	1.06	8	Pass
NVNT	ANT1	802.11b	2462.00	1.48	8	Pass
NVNT	ANT1	802.11g	2412.00	-6.39	8	Pass
NVNT	ANT1	802.11g	2437.00	-6.47	8	Pass
NVNT	ANT1	802.11g	2462.00	-6.87	8	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	-5.31	8	Pass
NVNT	ANT1	802.11n(HT20)	2437.00	-5.72	8	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	-5.76	8	Pass
NVNT	ANT1	802.11ax(HE20)	2412.00	-7.09	8	Pass
NVNT	ANT1	802.11ax(HE20)	2437.00	-7.21	8	Pass
NVNT	ANT1	802.11ax(HE20)	2462.00	-7.90	8	Pass
NVNT	ANT1	802.11n(HT40)	2422.00	-8.02	8	Pass
NVNT	ANT1	802.11n(HT40)	2437.00	-8.46	8	Pass
NVNT	ANT1	802.11n(HT40)	2452.00	-8.81	8	Pass
NVNT	ANT1	802.11ax(HE40)	2422.00	-10.03	8	Pass
NVNT	ANT1	802.11ax(HE40)	2437.00	-10.06	8	Pass
NVNT	ANT1	802.11ax(HE40)	2452.00	-9.77	8	Pass

Power_Spectral_Density_NVNT_ANT1_802_11b_2412



Power_Spectral_Density_NVNT_ANT1_802_11b_2437



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_11ax(HE20)_2412



Power_Spectral_Density_NVNT_ANT1_802_11ax(HE20)_2437



Power_Spectral_Density_NVNT_ANT1_802_11ax(HE20)_2462



Power_Spectral_Density_NVNT_ANT1_802_11n(HT40)_2422



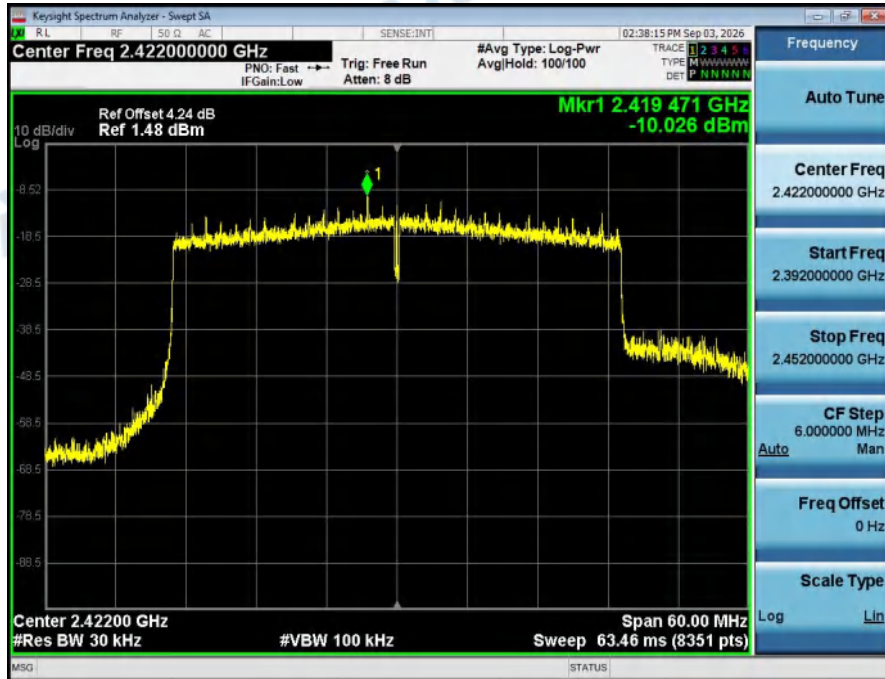
Power_Spectral_Density_NVNT_ANT1_802_11n(HT40)_2437



Power_Spectral_Density_NVNT_ANT1_802_11n(HT40)_2452



Power_Spectral_Density_NVNT_ANT1_802_11ax(HE40)_2422



Power_Spectral_Density_NVNT_ANT1_802_11ax(HE40)_2437



Power_Spectral_Density_NVNT_ANT1_802_11ax(HE40)_2452



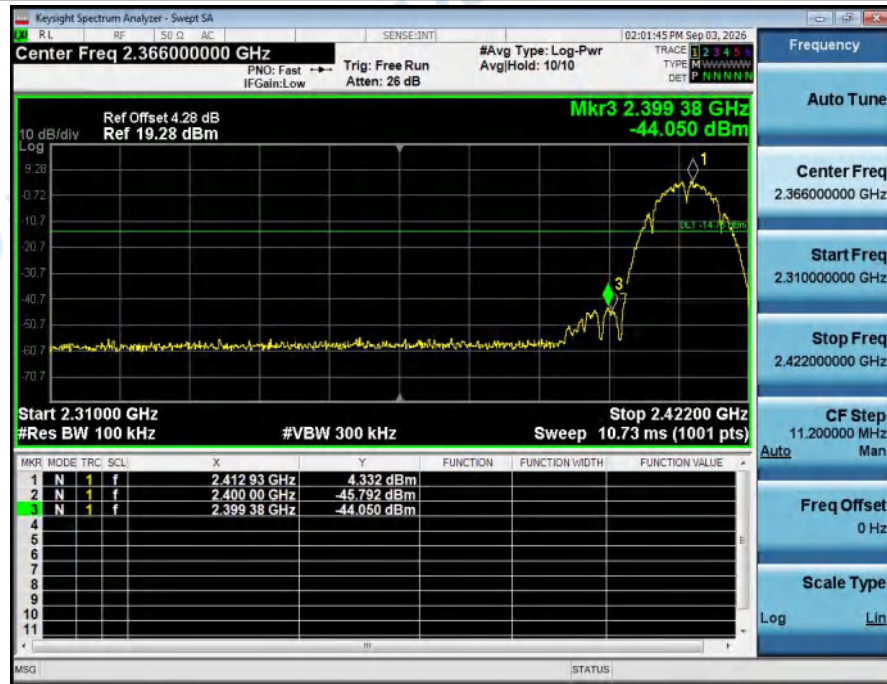
6. Bandedge

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	2399.376	5.238	-44.050	-14.762	Pass
NVNT	ANT1	802.11b	2462.00	2488.672	5.155	-55.112	-14.845	Pass
NVNT	ANT1	802.11g	2412.00	2399.824	-1.602	-45.856	-21.602	Pass
NVNT	ANT1	802.11g	2462.00	2494.192	-2.067	-57.282	-22.067	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	2397.024	-1.643	-46.117	-21.643	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	2484.448	-2.214	-53.687	-22.214	Pass
NVNT	ANT1	802.11ax(HE20)	2412.00	2399.600	-3.146	-52.032	-23.146	Pass
NVNT	ANT1	802.11ax(HE20)	2462.00	2485.696	-3.418	-57.308	-23.418	Pass
NVNT	ANT1	802.11n(HT40)	2422.00	2399.496	-3.050	-45.158	-23.050	Pass
NVNT	ANT1	802.11n(HT40)	2452.00	2484.428	-3.476	-53.544	-23.476	Pass
NVNT	ANT1	802.11ax(HE40)	2422.00	2399.496	-6.123	-50.644	-26.123	Pass
NVNT	ANT1	802.11ax(HE40)	2452.00	2487.012	-5.562	-57.108	-25.562	Pass

1_Reference_Level_NVNT_ANT1_802_11b_2412



2_Bandedge_NVNT_ANT1_802_11b_2412



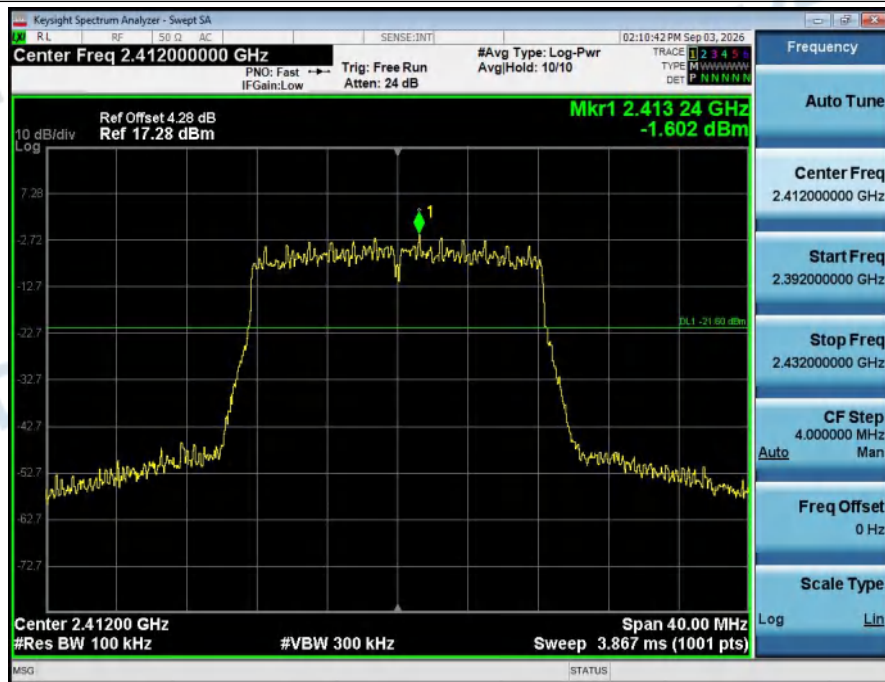
1_Reference_Level_NVNT_ANT1_802_11b_2462



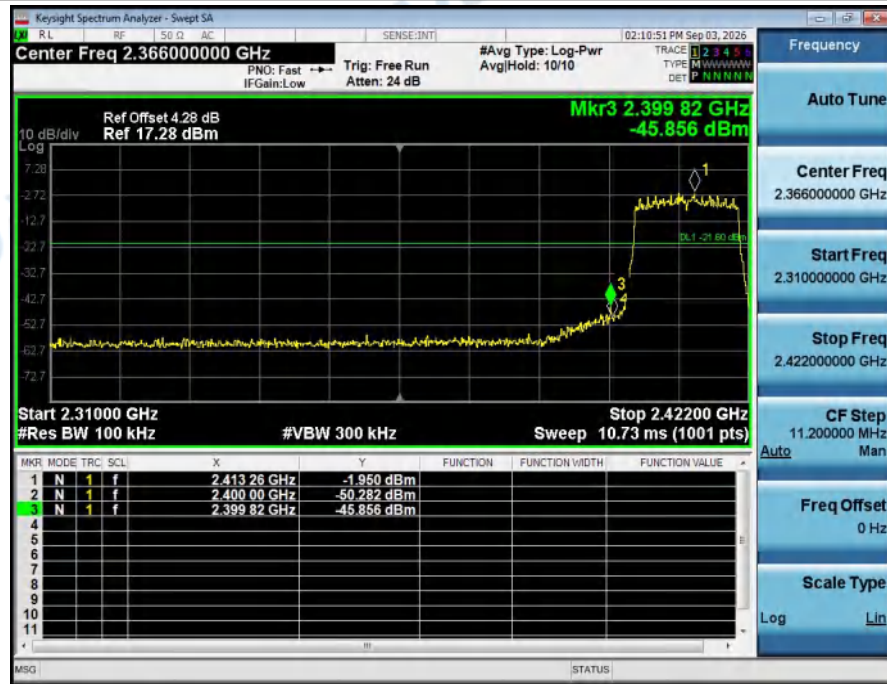
2_Bandedge_NVNT_ANT1_802_11b_2462



1_Reference_Level_NVNT_ANT1_802_11g_2412



2_Bandedge_NVNT_ANT1_802_11g_2412



1_Reference_Level_NVNT_ANT1_802_11g_2462



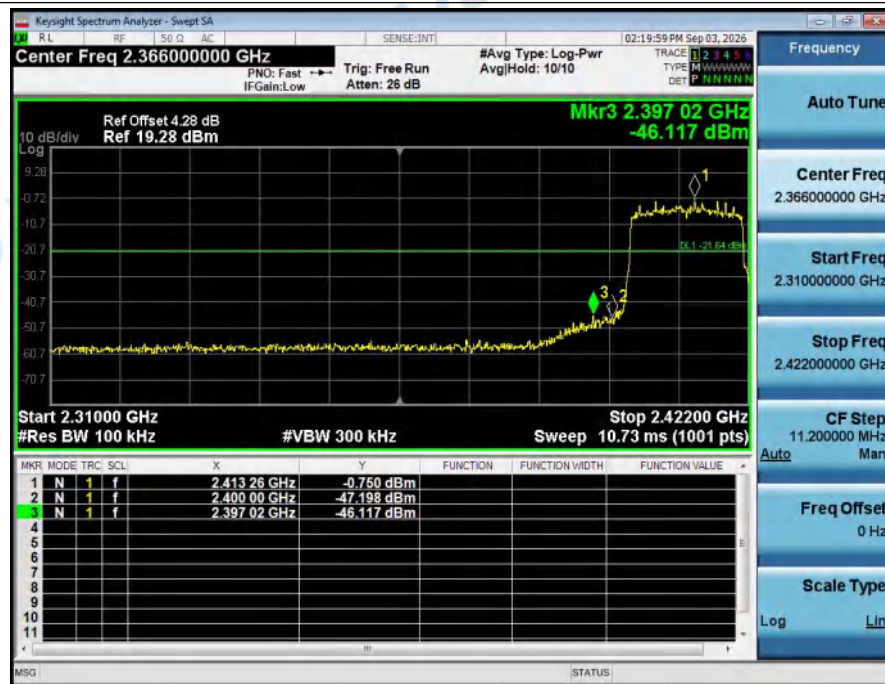
2_Bandedge_NVNT_ANT1_802_11g_2462



1_Reference_Level_NVNT_ANT1_802_11n(HT20)_2412



2_Bandedge_NVNT_ANT1_802_11n(HT20)_2412



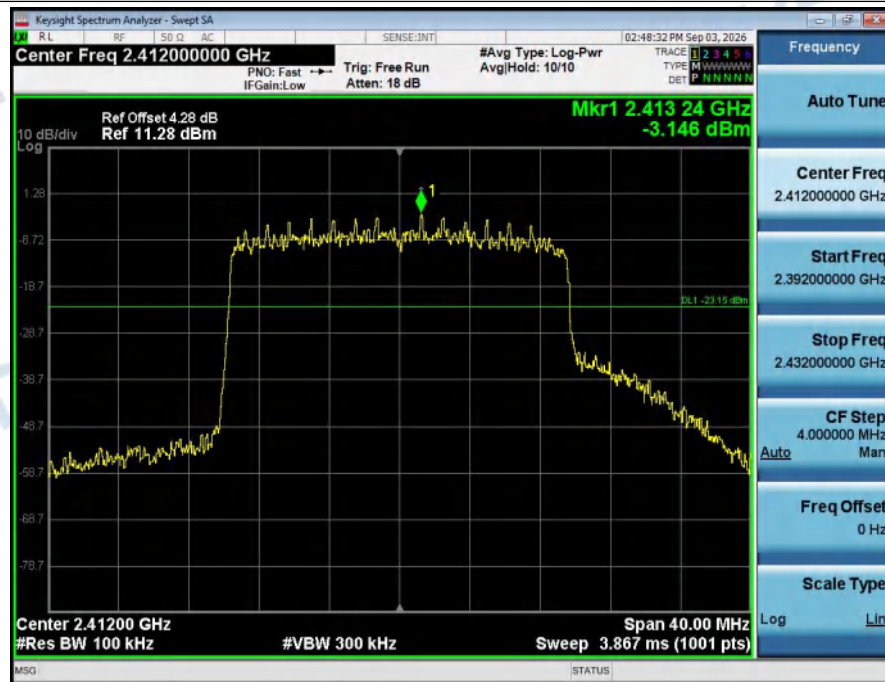
1_Reference_Level_NVNT_ANT1_802_11n(HT20)_2462



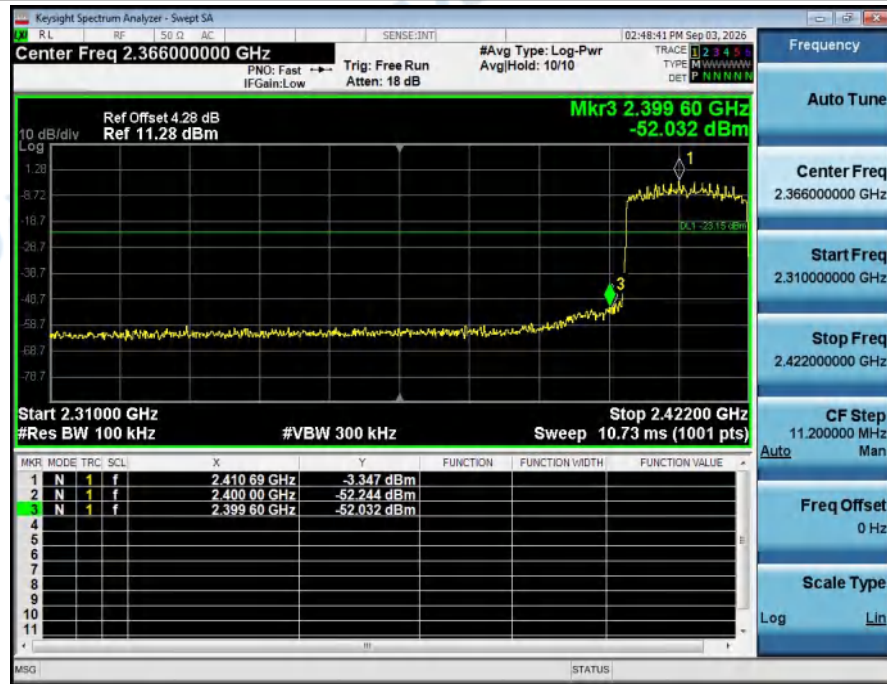
2_Bandedge_NVNT_ANT1_802_11n(HT20)_2462



1_Reference_Level_NVNT_ANT1_802_11ax(HE20)_2412



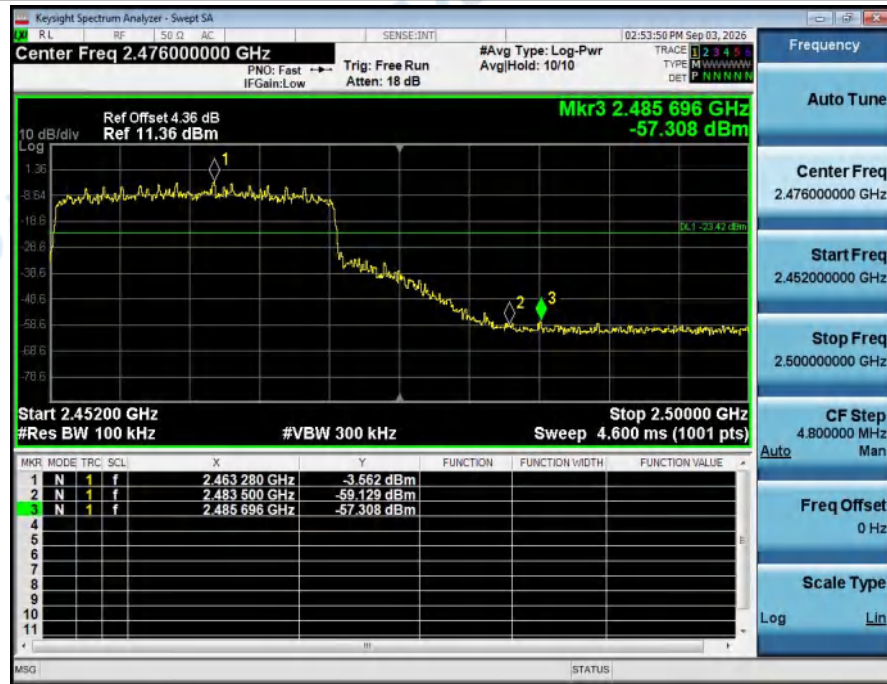
2_Bandedge_NVNT_ANT1_802_11ax(HE20)_2412



1_Reference_Level_NVNT_ANT1_802_11ax(HE20)_2462



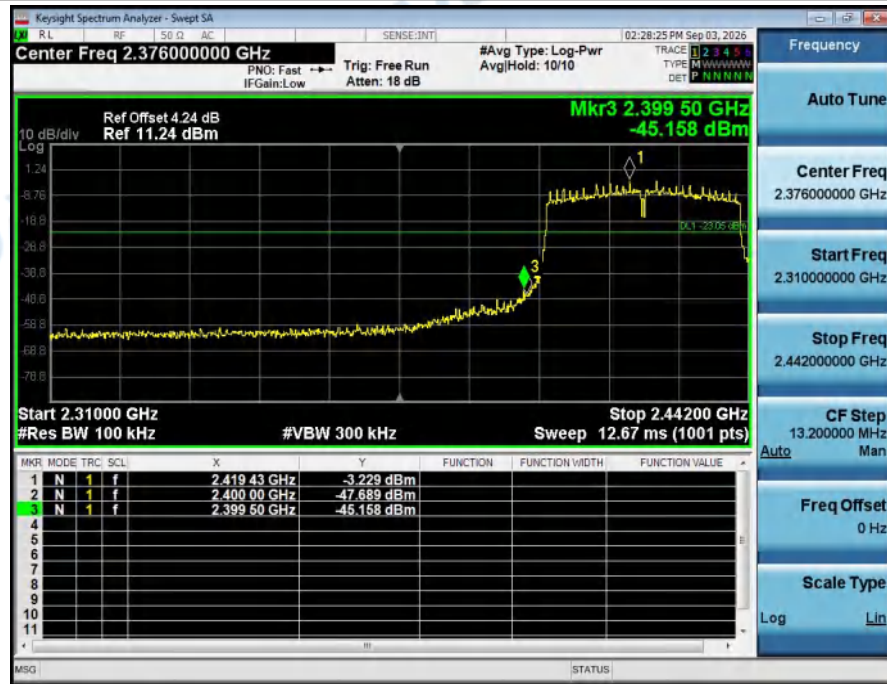
2_Bandedge_NVNT_ANT1_802_11ax(HE20)_2462



1_Reference_Level_NVNT_ANT1_802_11n(HT40)_2422



2_Bandedge_NVNT_ANT1_802_11n(HT40)_2422



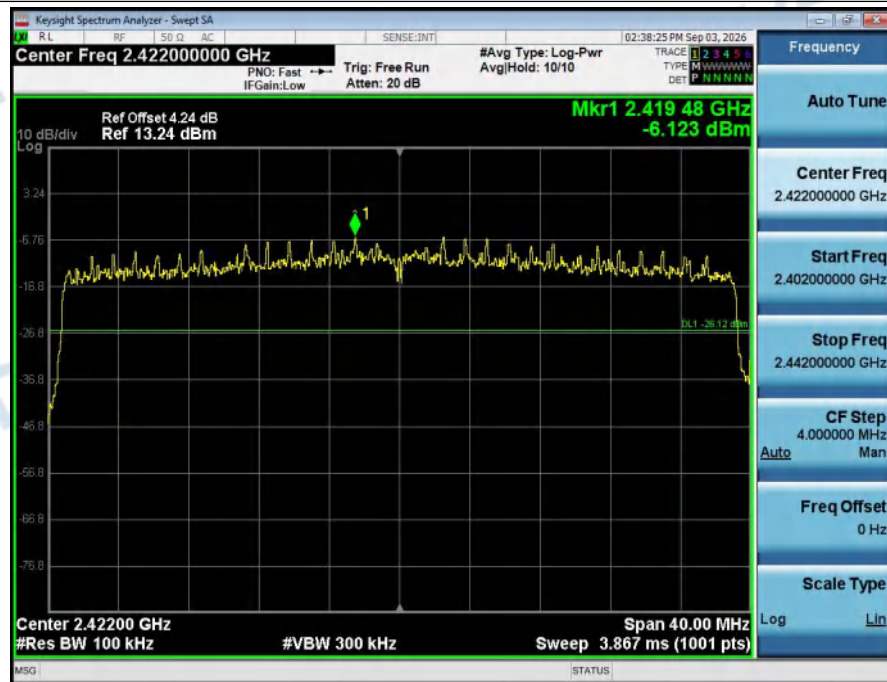
1_Reference_Level_NVNT_ANT1_802_11n(HT40)_2452



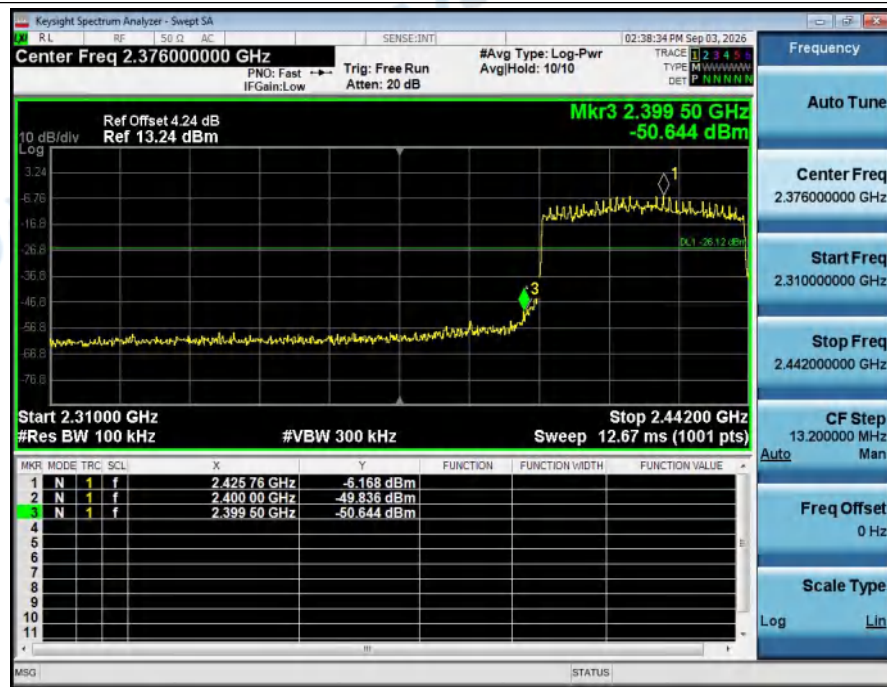
2_Bandedge_NVNT_ANT1_802_11n(HT40)_2452



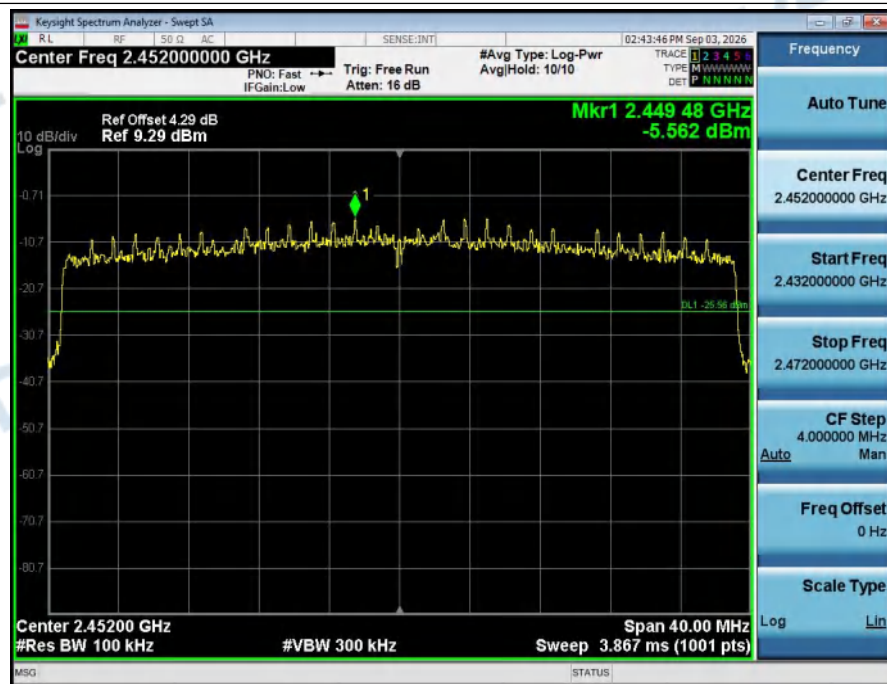
1_Reference_Level_NVNT_ANT1_802_11ax(HE40)_2422



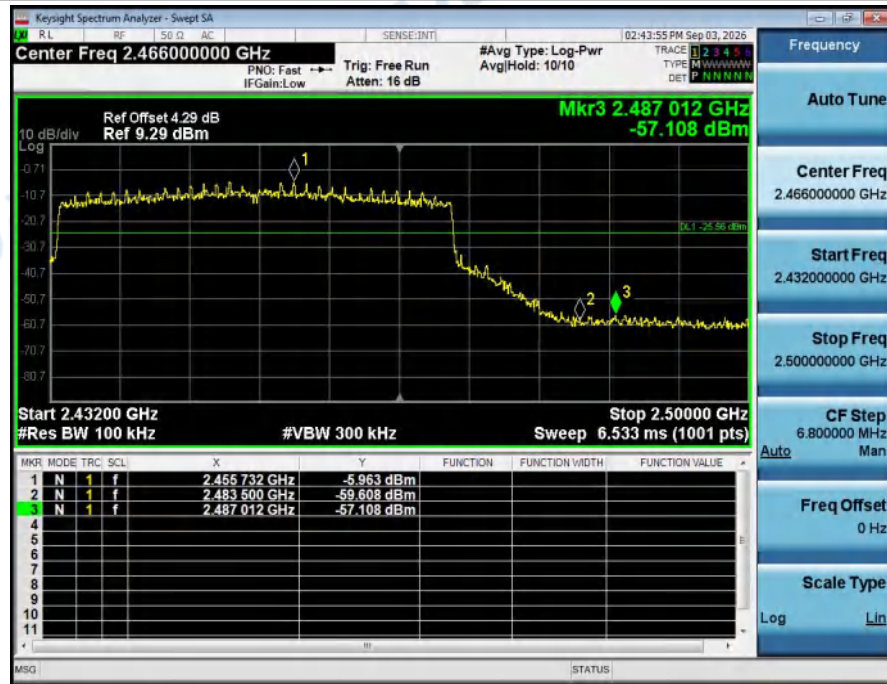
2_Bandedge_NVNT_ANT1_802_11ax(HE40)_2422



1_Reference_Level_NVNT_ANT1_802_11ax(HE40)_2452



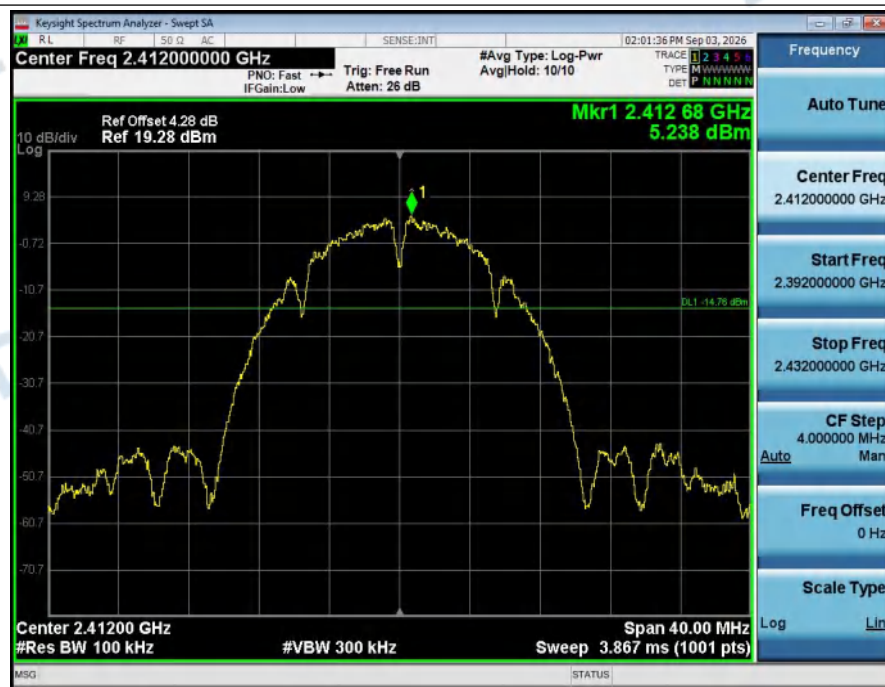
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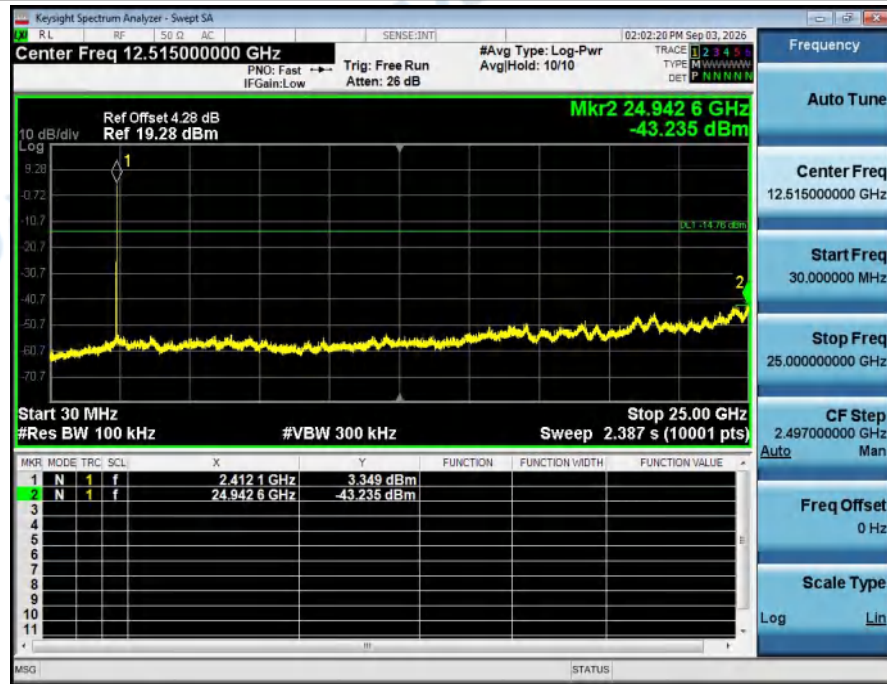
7. Spurious Emission

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	24942.569	5.238	-43.235	-14.762	Pass
NVNT	ANT1	802.11b	2437.00	24982.521	4.691	-42.344	-15.309	Pass
NVNT	ANT1	802.11b	2462.00	24947.563	5.155	-42.531	-14.845	Pass
NVNT	ANT1	802.11g	2412.00	24960.048	-1.602	-45.425	-21.602	Pass
NVNT	ANT1	802.11g	2437.00	24945.066	-1.996	-45.349	-21.996	Pass
NVNT	ANT1	802.11g	2462.00	24523.073	-2.067	-48.334	-22.067	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	24508.091	-1.643	-43.760	-21.643	Pass
NVNT	ANT1	802.11n(HT20)	2437.00	24982.521	-1.073	-45.393	-21.073	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	24960.048	-2.214	-43.316	-22.214	Pass
NVNT	ANT1	802.11ax(HE20)	2412.00	24493.109	-3.146	-52.123	-23.146	Pass
NVNT	ANT1	802.11ax(HE20)	2437.00	24463.145	-3.901	-51.469	-23.901	Pass
NVNT	ANT1	802.11ax(HE20)	2462.00	24473.133	-3.418	-51.099	-23.418	Pass
NVNT	ANT1	802.11n(HT40)	2422.00	24975.030	-3.050	-51.443	-23.050	Pass
NVNT	ANT1	802.11n(HT40)	2437.00	24960.048	-3.278	-51.250	-23.278	Pass
NVNT	ANT1	802.11n(HT40)	2452.00	24975.030	-3.476	-51.009	-23.476	Pass
NVNT	ANT1	802.11ax(HE40)	2422.00	24490.612	-6.123	-49.675	-26.123	Pass
NVNT	ANT1	802.11ax(HE40)	2437.00	24555.534	-6.011	-49.412	-26.011	Pass
NVNT	ANT1	802.11ax(HE40)	2452.00	24950.060	-5.562	-53.411	-25.562	Pass

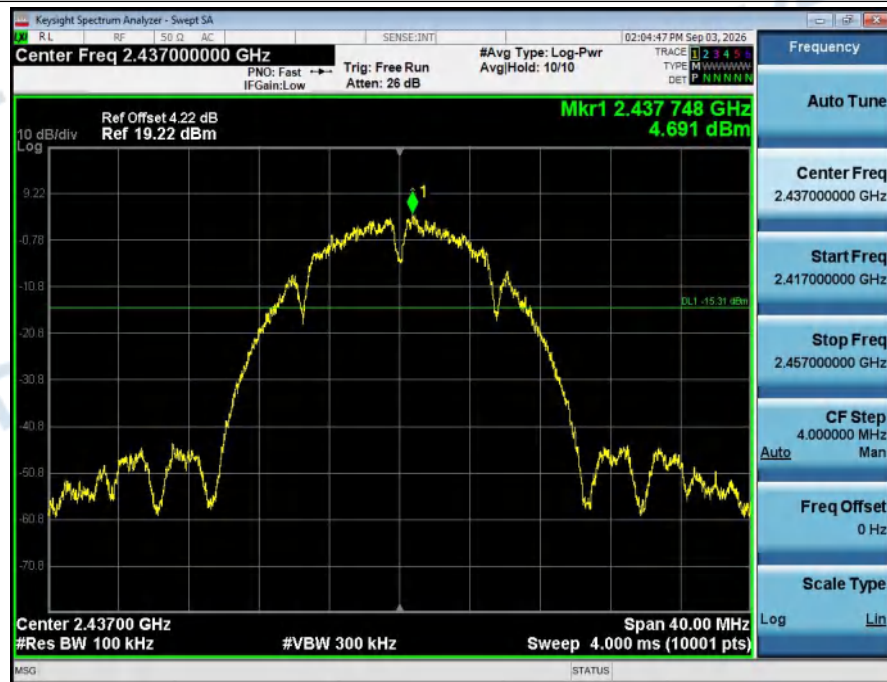
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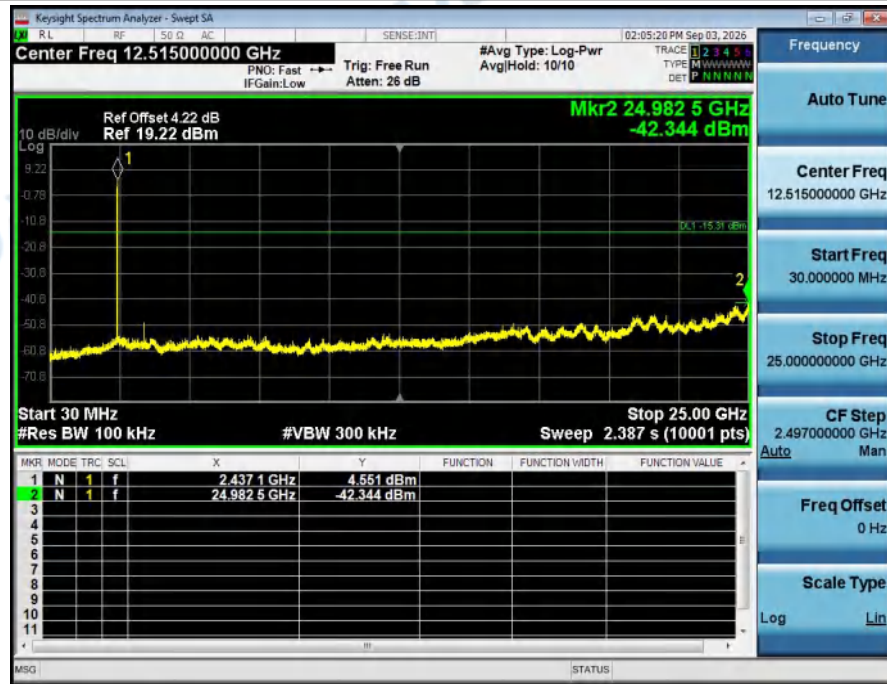
2_Spurious_Emission_NVNT_ANT1_802_11b_2412



1_Reference_Level_NVNT_ANT1_802_11b_2437



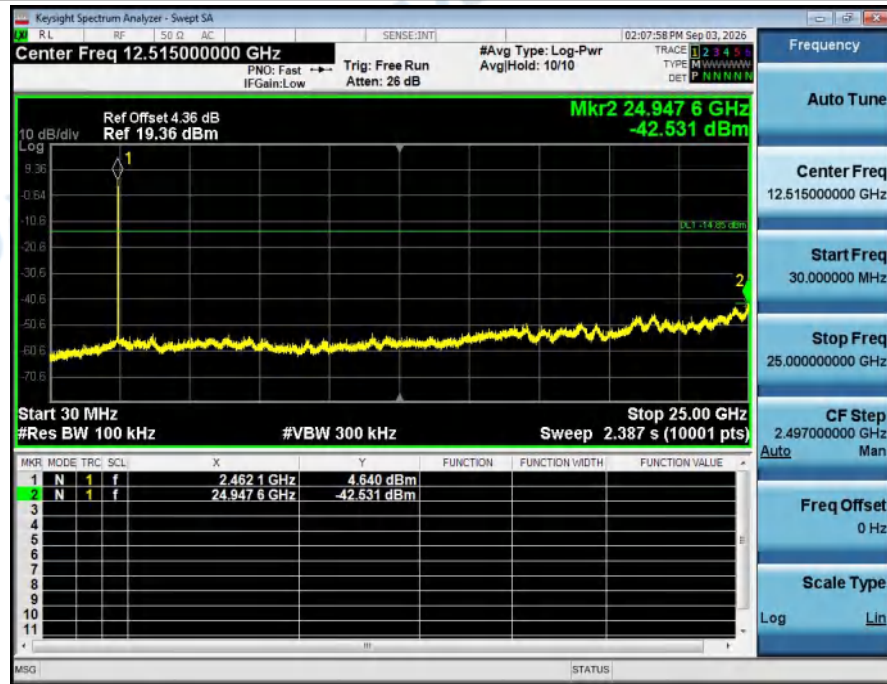
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1_Reference_Level_NVNT_ANT1_802_11b_2462



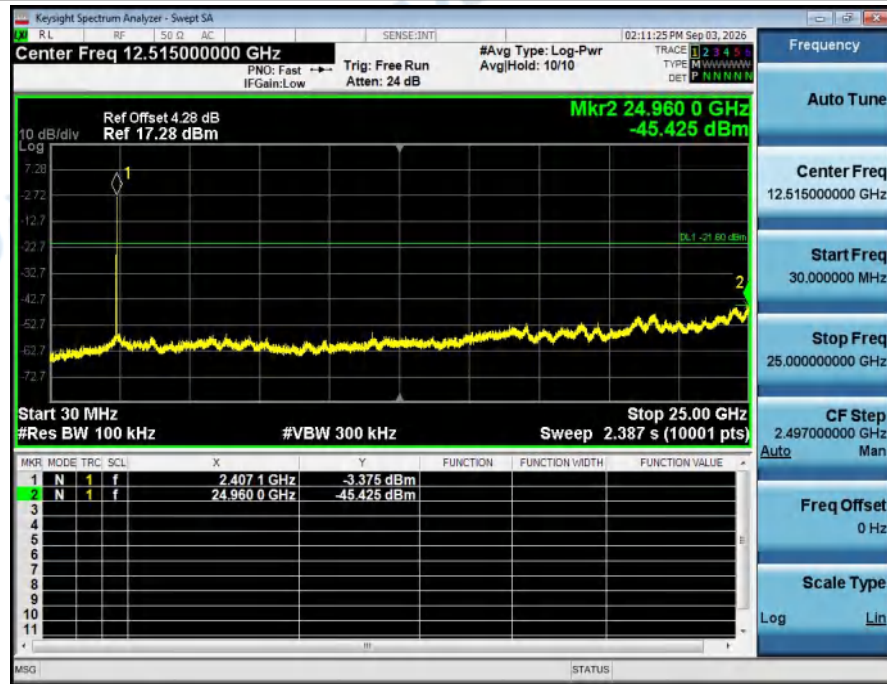
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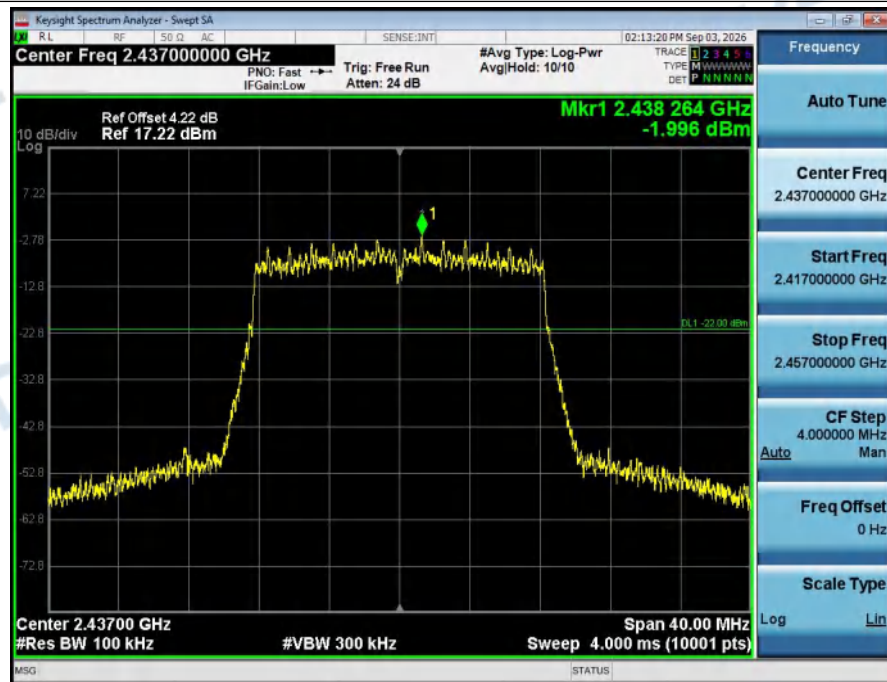
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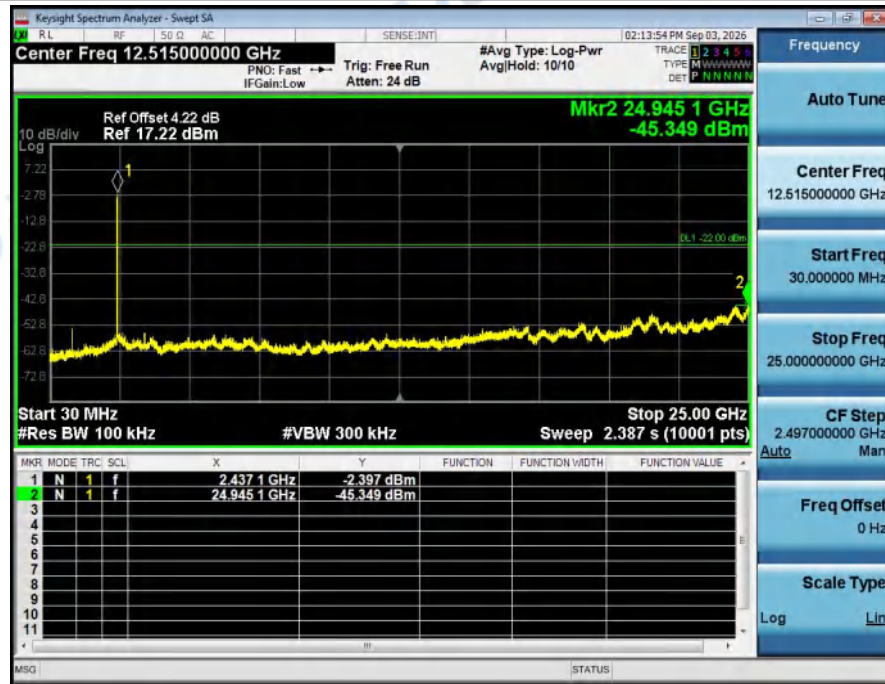
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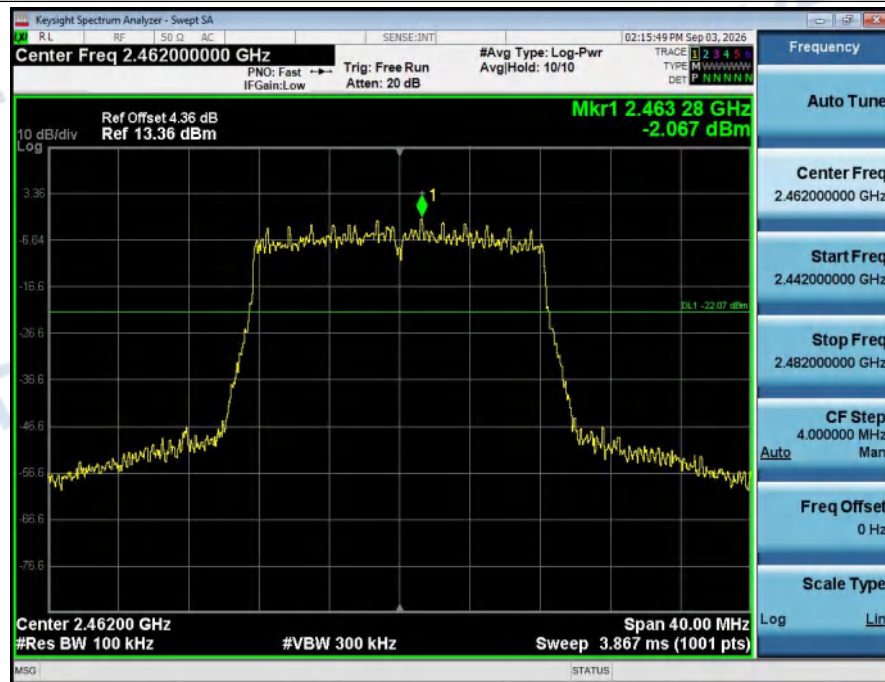
1_Reference_Level_NVNT_ANT1_802_11g_2437



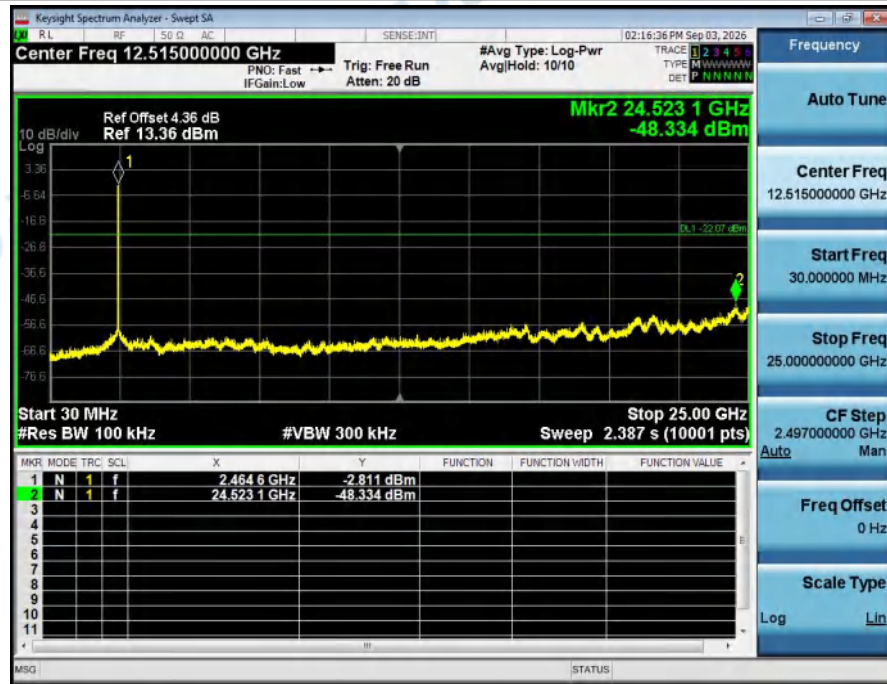
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1_Reference_Level_NVNT_ANT1_802_11g_2462



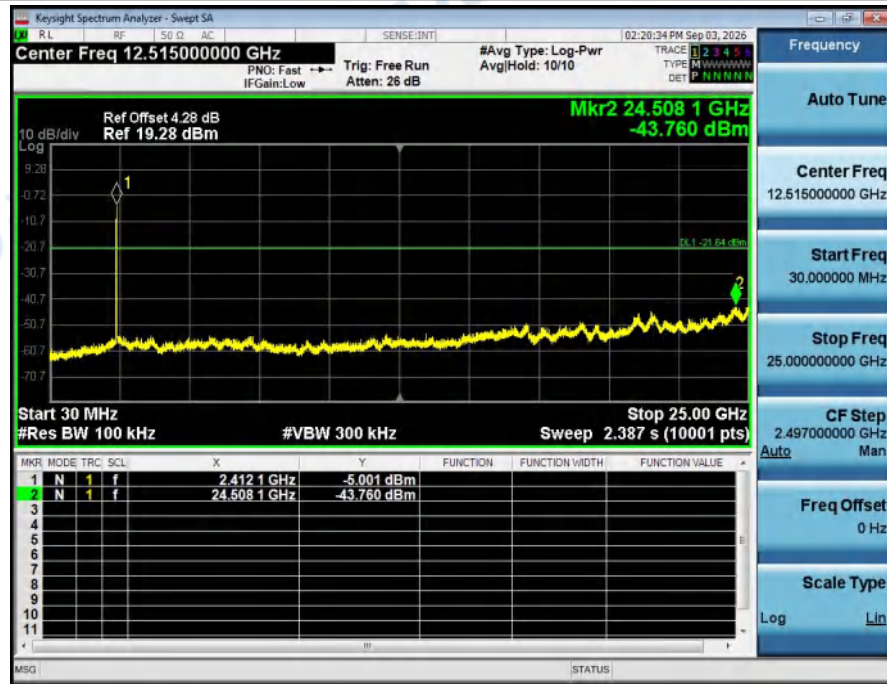
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1_Reference_Level_NVNT_ANT1_802_11n(HT20)_2412



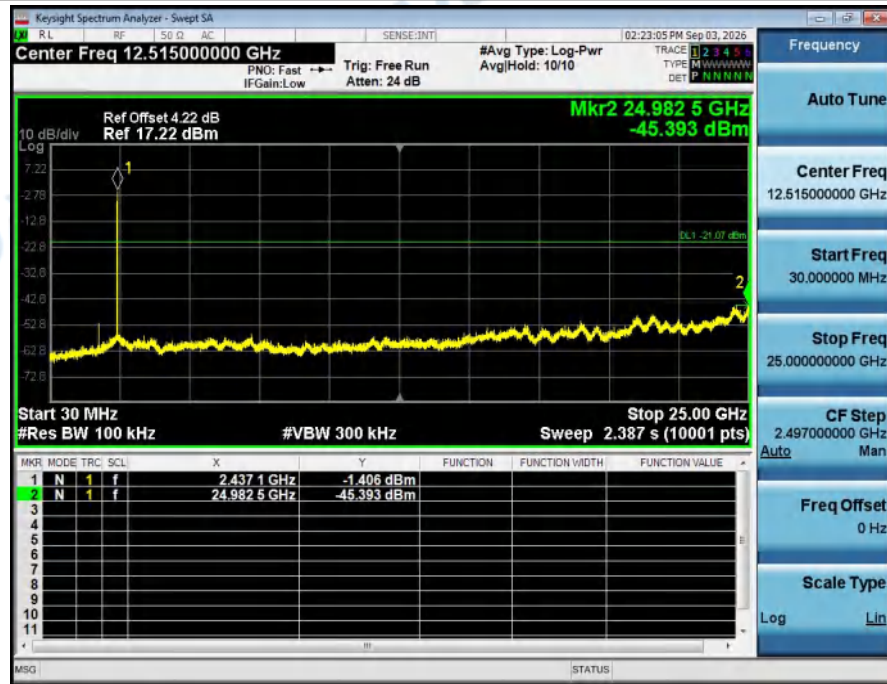
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1_Reference_Level_NVNT_ANT1_802_11n(HT20)_2437



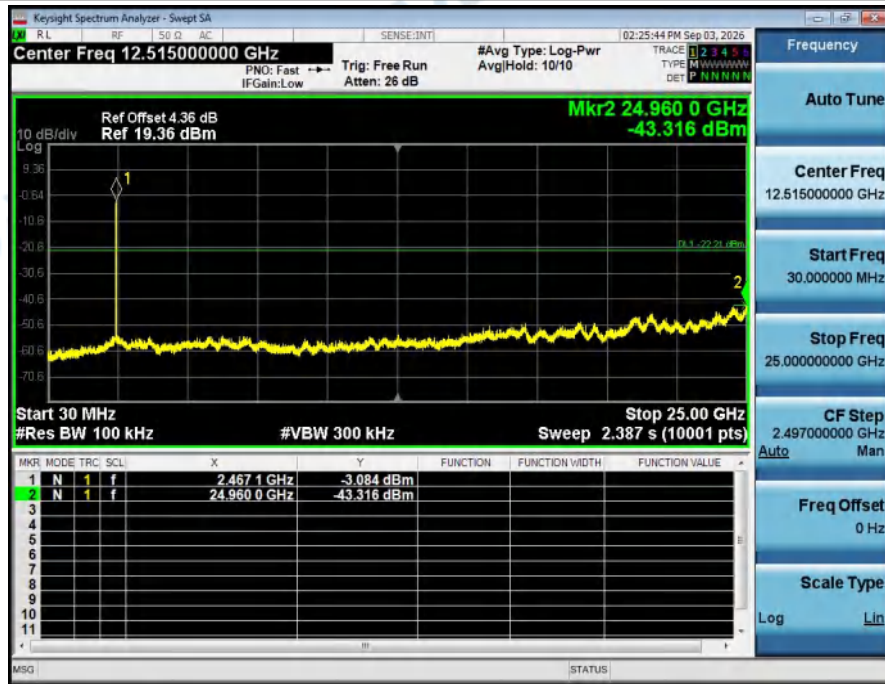
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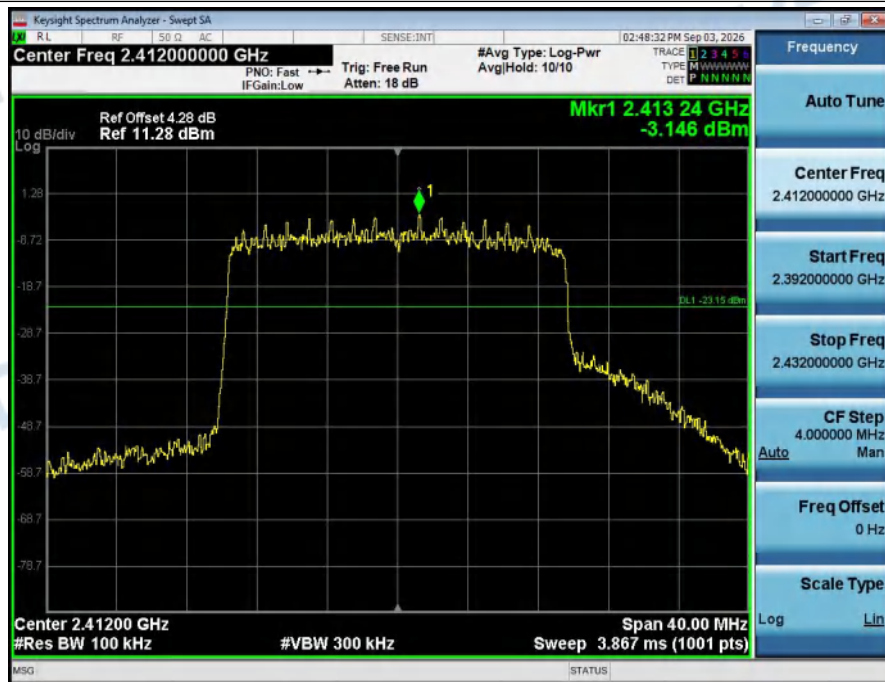
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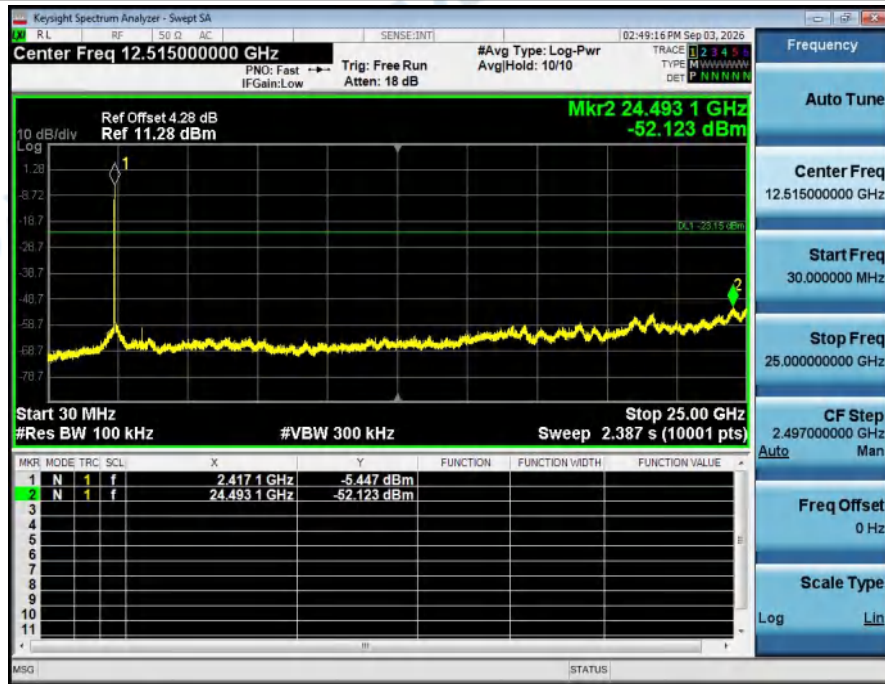
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1_Reference_Level_NVNT_ANT1_802_11ax(HE20)_2412



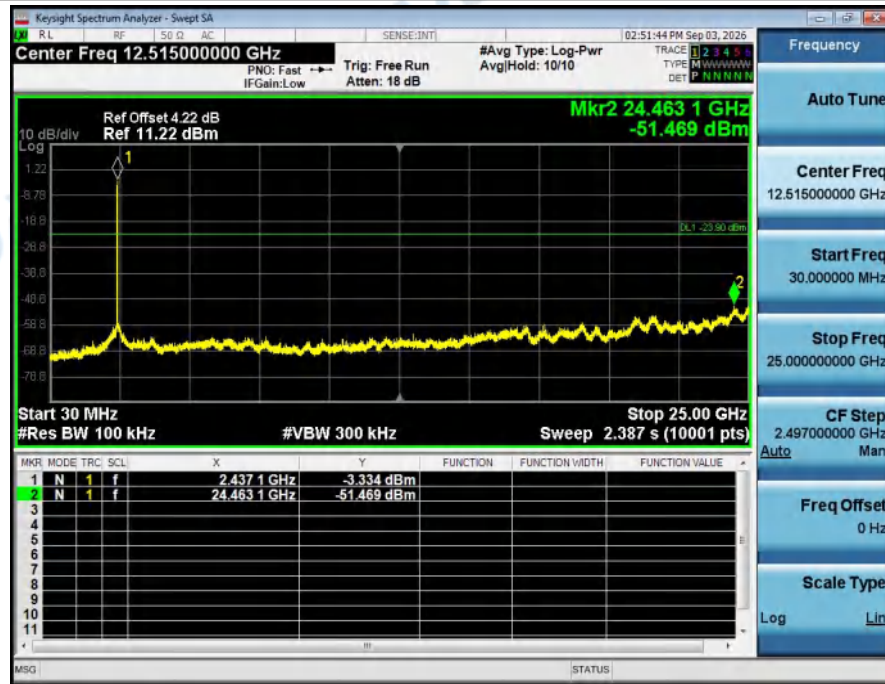
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1_Reference_Level_NVNT_ANT1_802_11ax(HE20)_2437



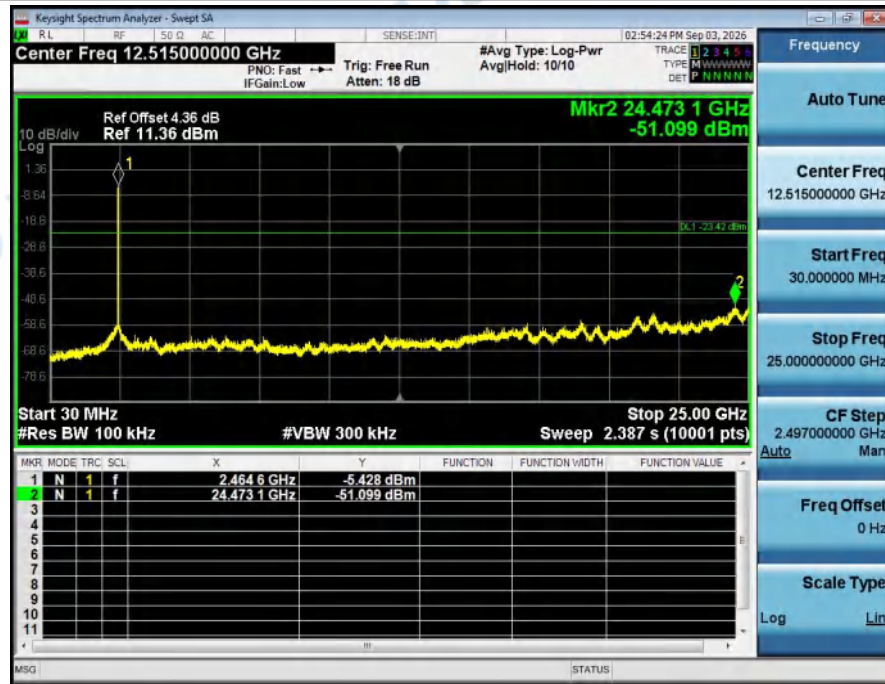
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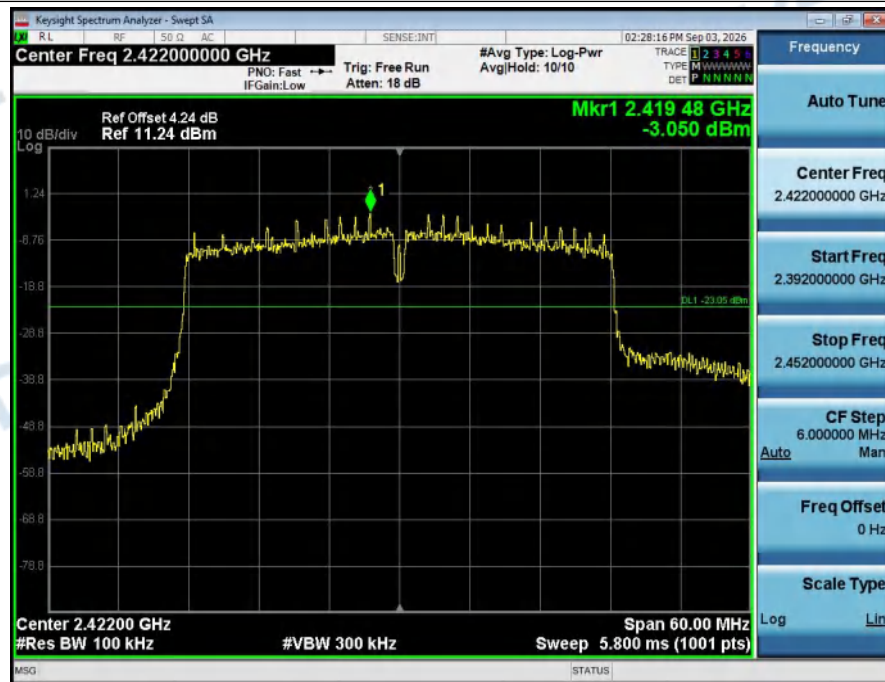
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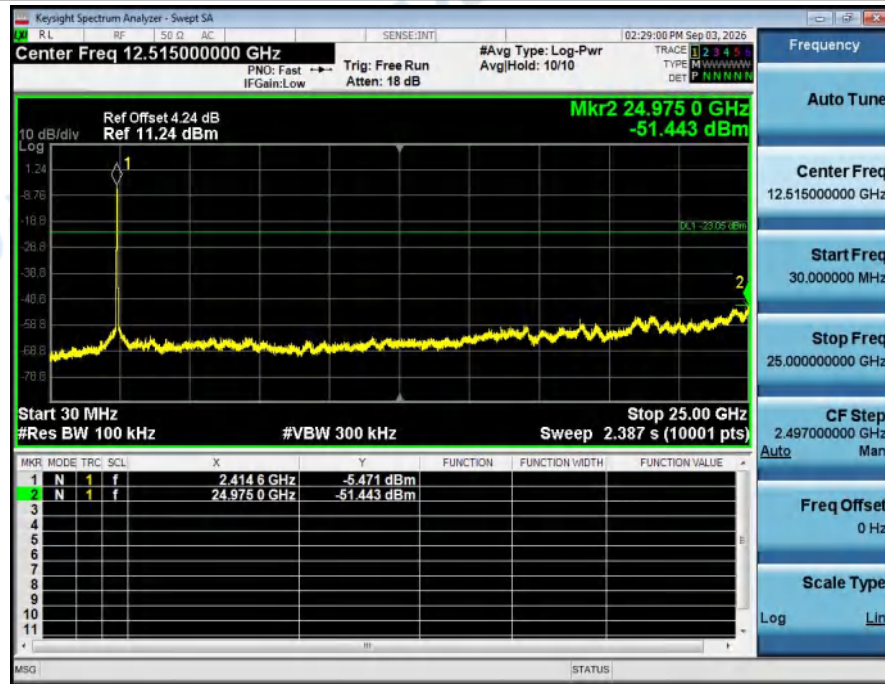
2_Spurious_Emission_NVNT_ANT1_802_11ax(HE20)_2462



1_Reference_Level_NVNT_ANT1_802_11n(HT40)_2422



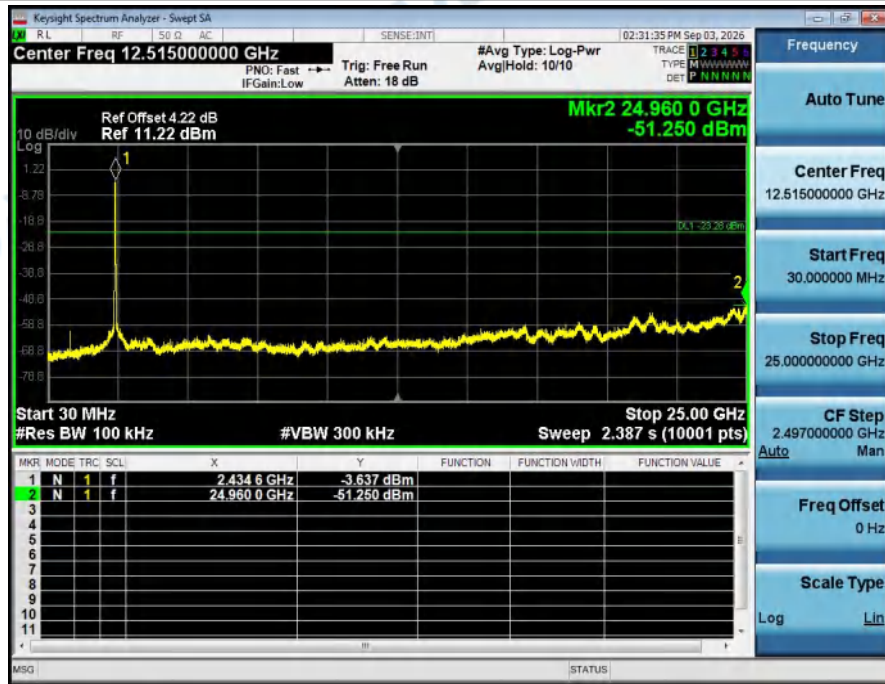
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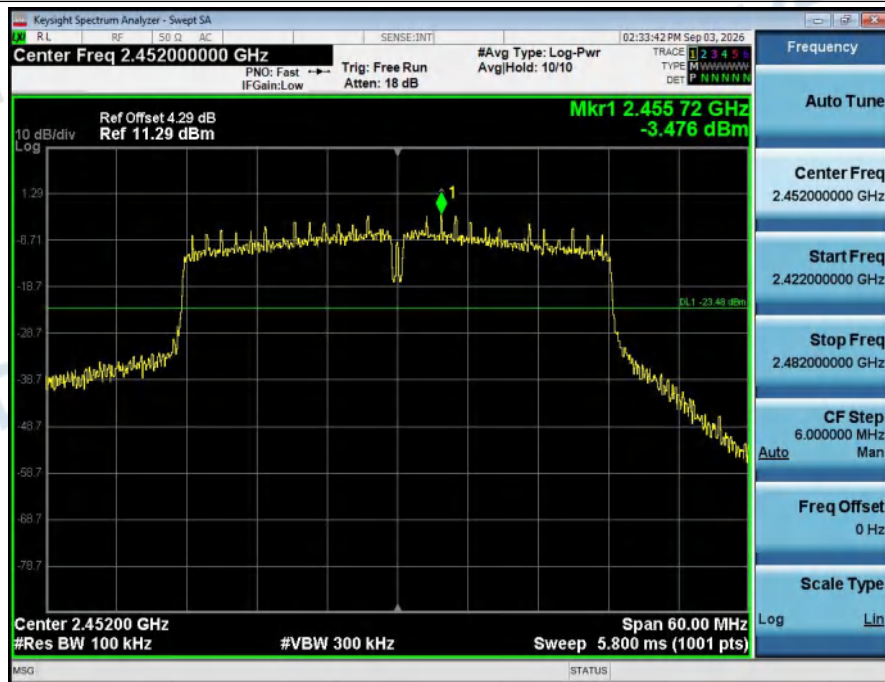
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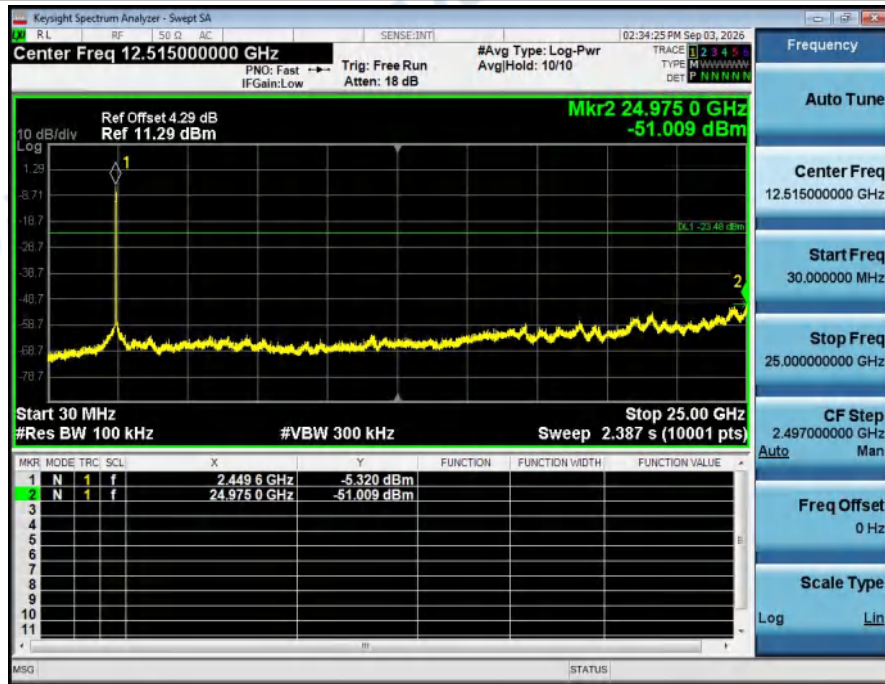
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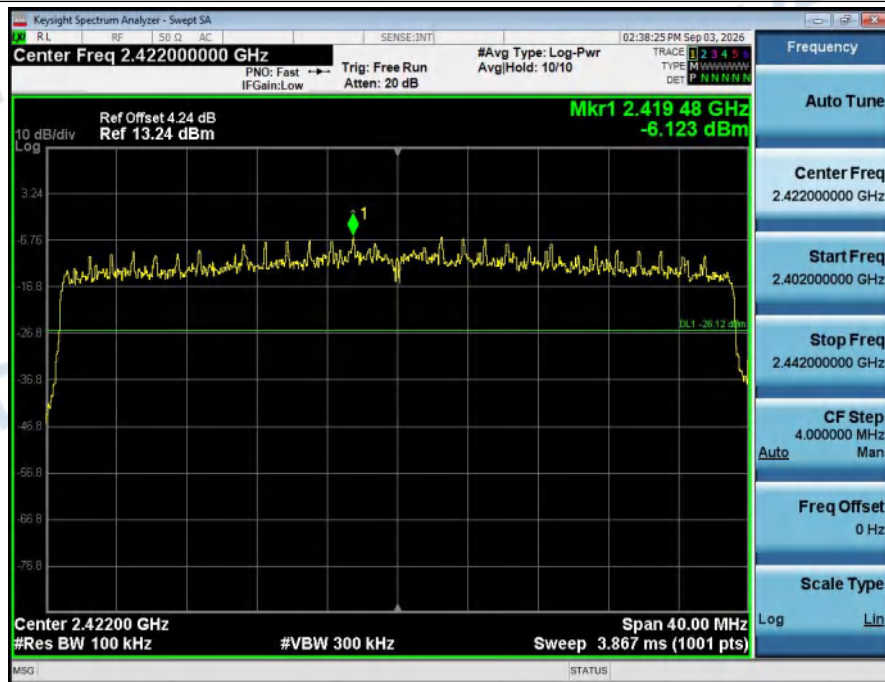
1_Reference_Level_NVNT_ANT1_802_11n(HT40)_2452



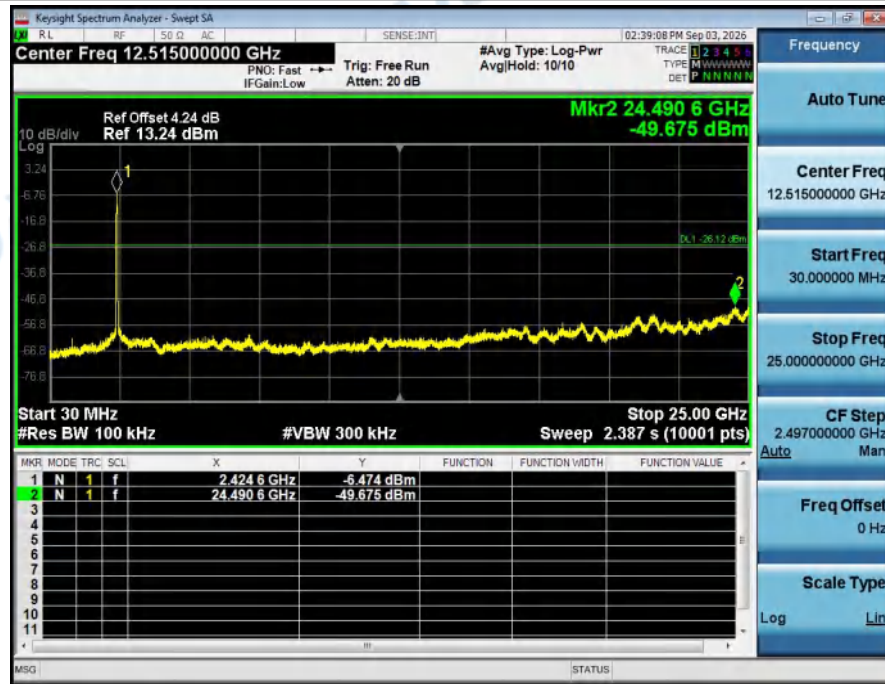
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1_Reference_Level_NVNT_ANT1_802_11ax(HE40)_2422



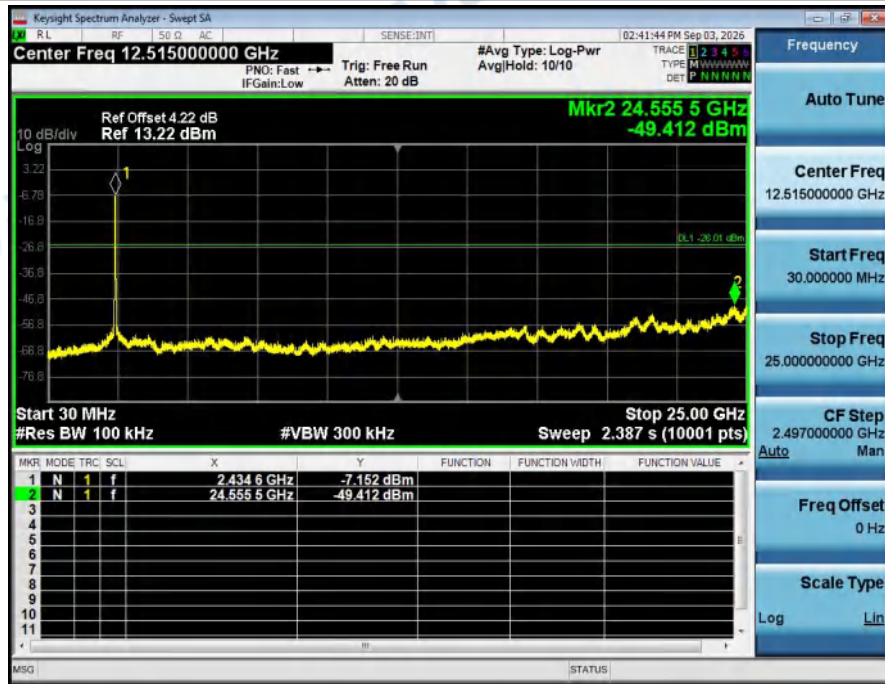
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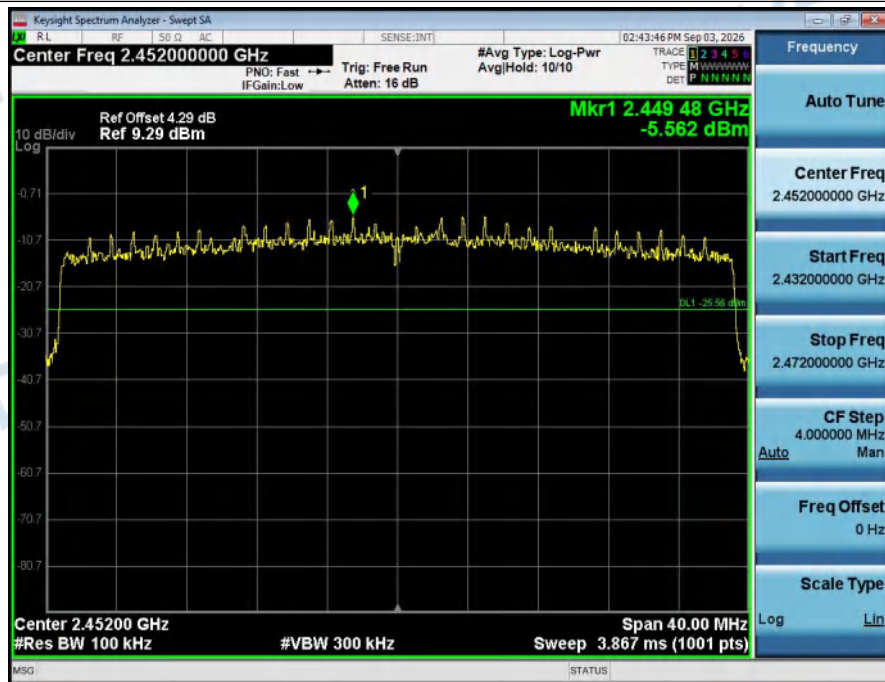
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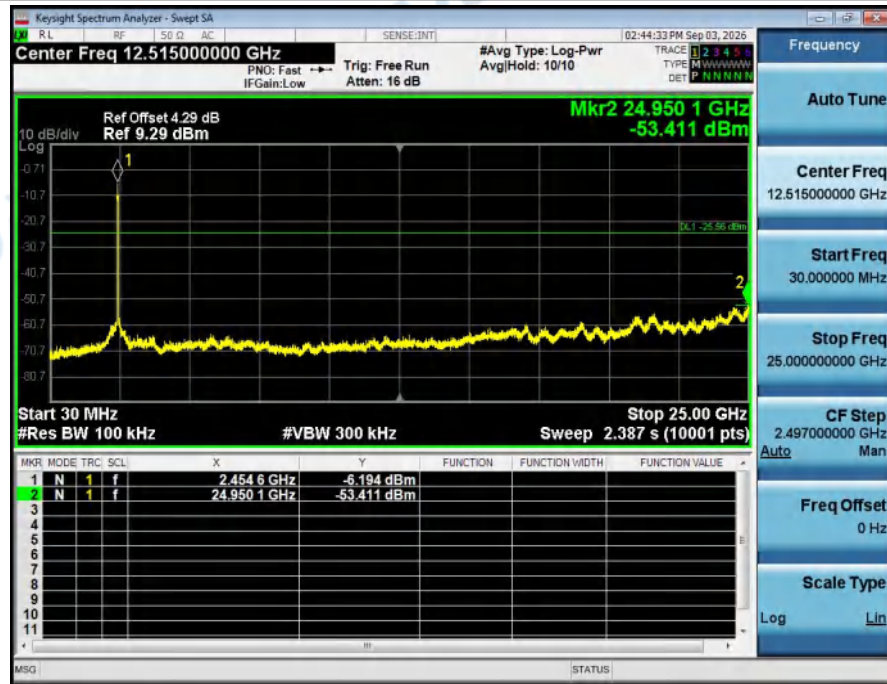
2_Spurious_Emission_NVNT_ANT1_802_11ax(HE40)_2437



1_Reference_Level_NVNT_ANT1_802_11ax(HE40)_2452



2_Spurious_Emission_NVNT_ANT1_802_11ax(HE40)_2452



***** End of Report *****