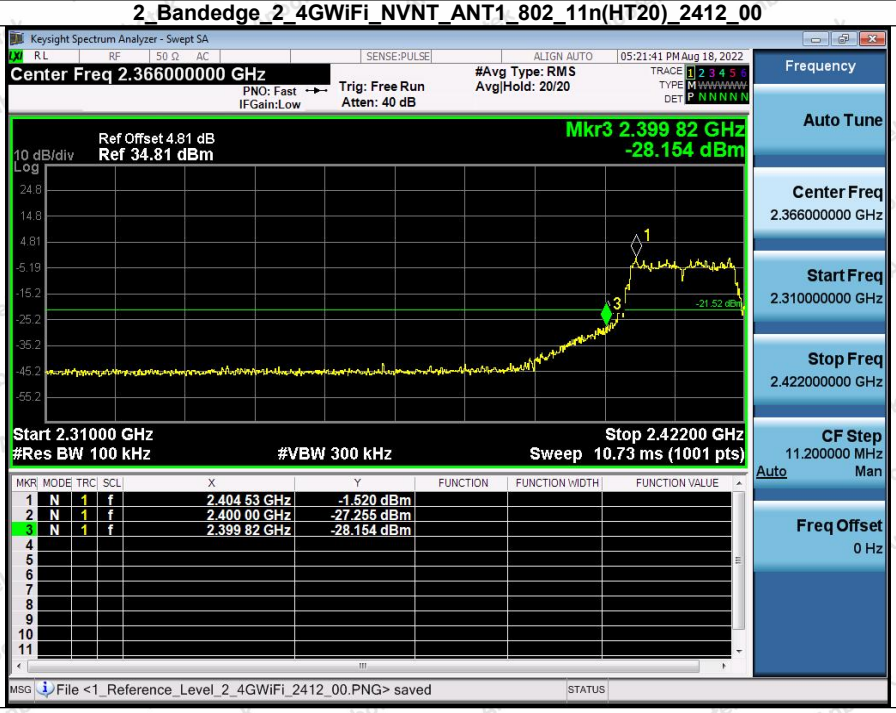
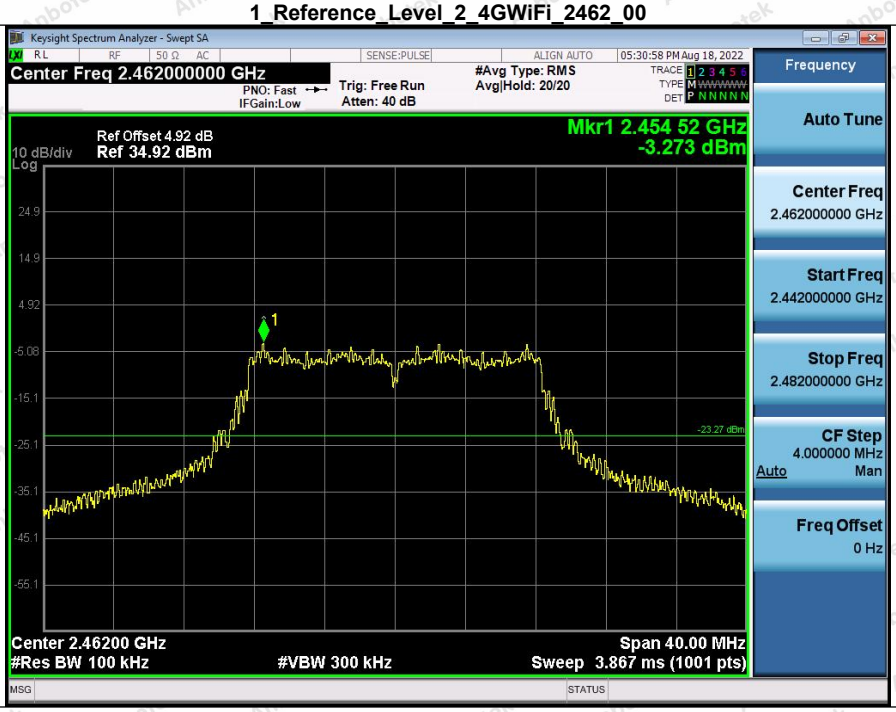
2_Bandedge_2_4GWiFi_NVNT_ANT1_802_11n(HT20)_2412_00

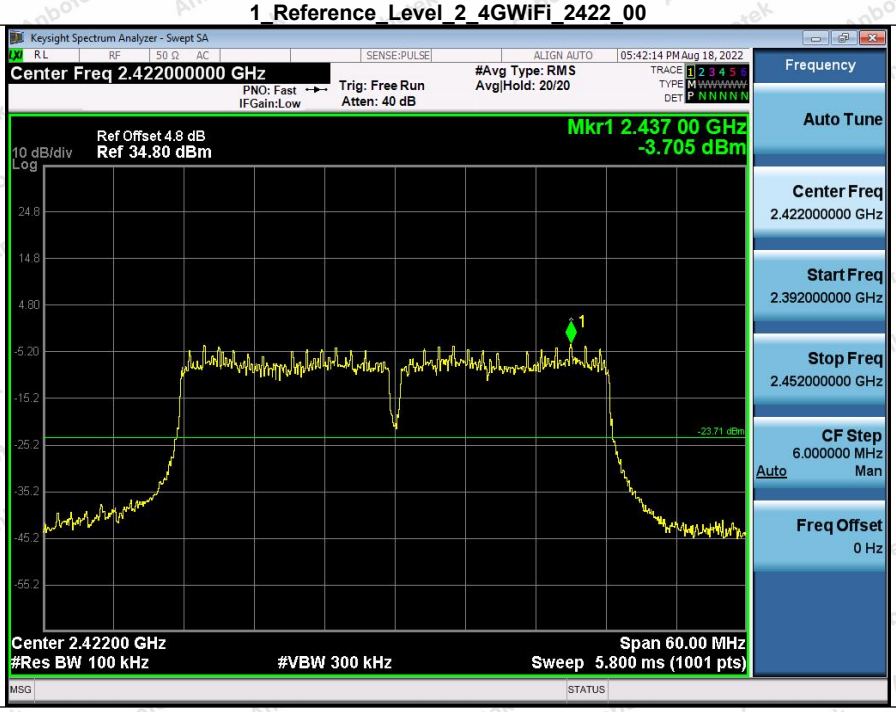


1_Reference_Level_2_4GWiFi_2462_00

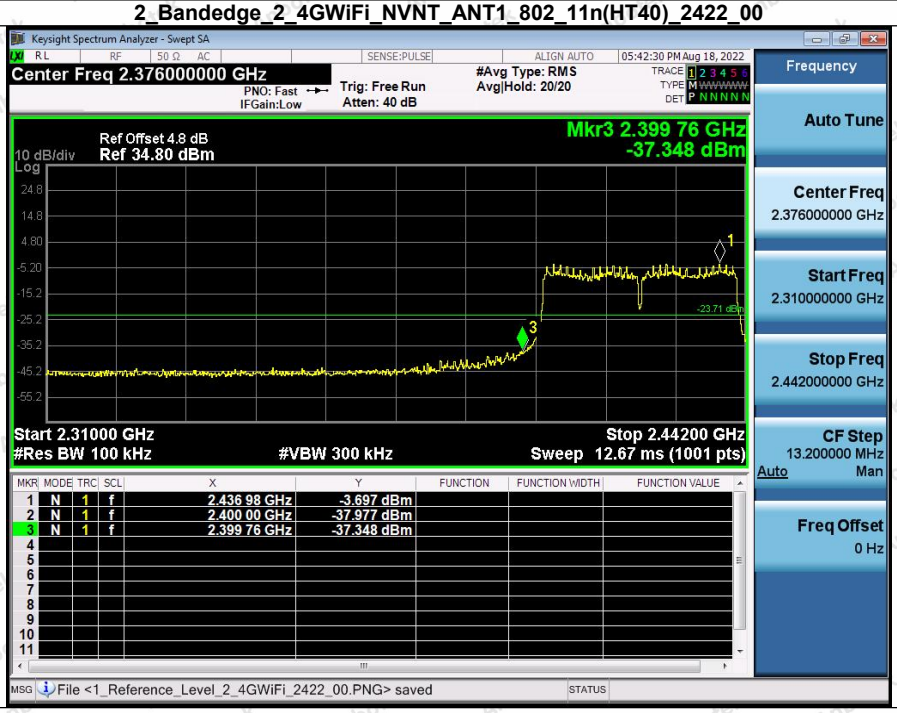


2_Bandedge_2_4GWiFi_NVNT_ANT1_802_11n(HT20)_2462_00

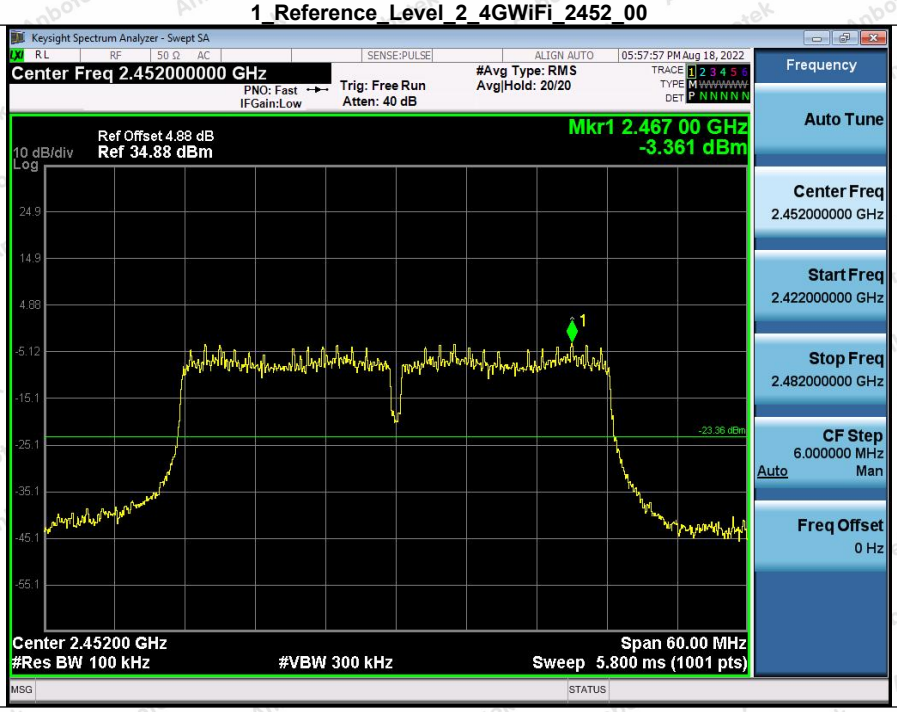
1_Reference_Level_2_4GWiFi_2422_00



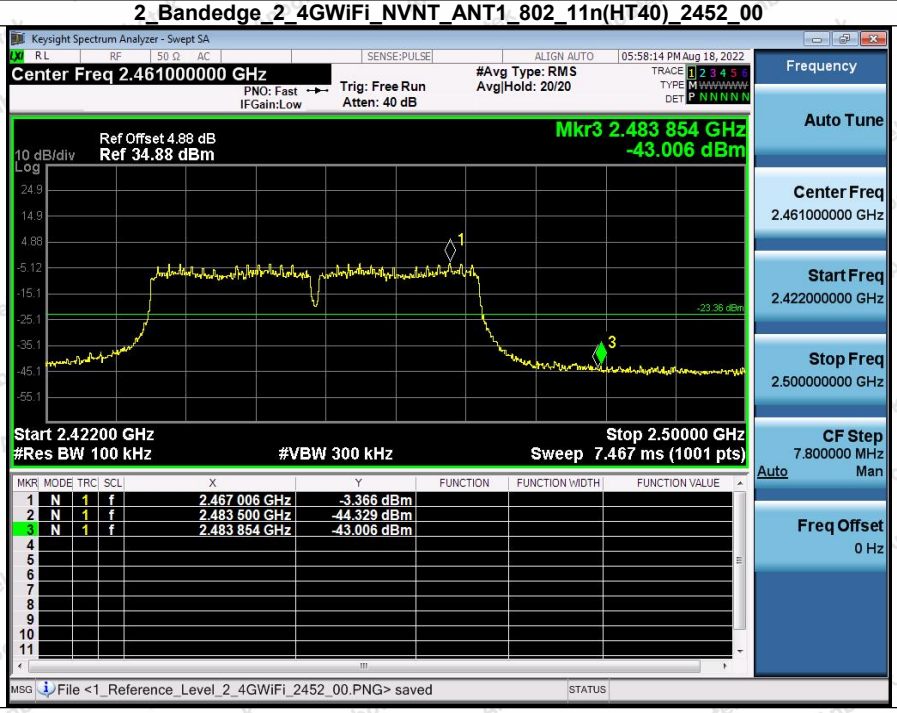
2_Bandedge_2_4GWiFi_NVNT_ANT1_802_11n(HT40)_2422_00



1_Reference_Level_2_4GWiFi_2452_00



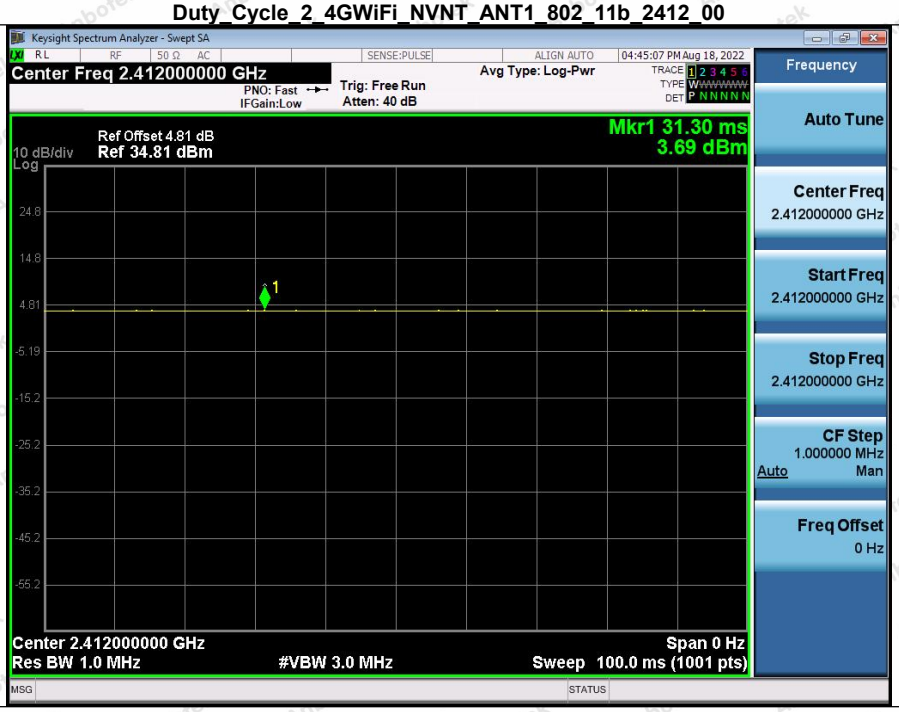
2_Bandedge_2_4GWiFi_NVNT_ANT1_802_11n(HT40)_2452_00



4. Duty Cycle

Condition	Antenna	Modulation	Frequency (MHz)	Dutycycle(%)	Duty_factor
NVNT	ANT1	802.11b	2412.00	100.00	0.00
NVNT	ANT1	802.11b	2437.00	100.00	0.00
NVNT	ANT1	802.11b	2462.00	100.00	0.00
NVNT	ANT1	802.11g	2412.00	100.00	0.00
NVNT	ANT1	802.11g	2437.00	100.00	0.00
NVNT	ANT1	802.11g	2462.00	100.00	0.00
NVNT	ANT1	802.11n(HT20)	2412.00	100.00	0.00
NVNT	ANT1	802.11n(HT20)	2437.00	100.00	0.00
NVNT	ANT1	802.11n(HT20)	2462.00	100.00	0.00
NVNT	ANT1	802.11n(HT40)	2422.00	100.00	0.00
NVNT	ANT1	802.11n(HT40)	2437.00	100.00	0.00
NVNT	ANT1	802.11n(HT40)	2452.00	100.00	0.00

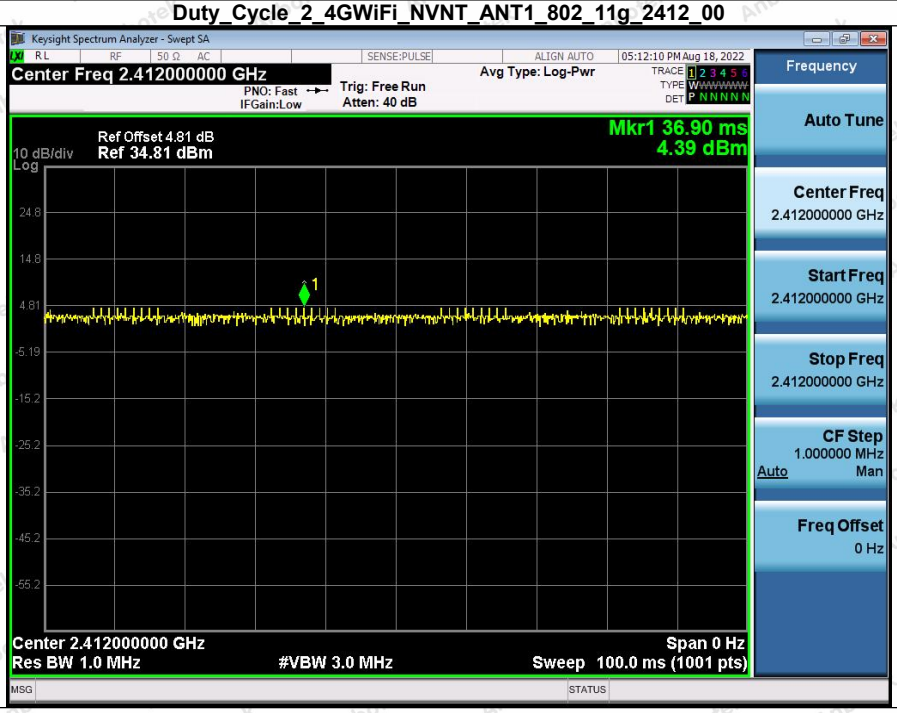
Duty_Cycle_2_4GWiFi_NVNT_ANT1_802_11b_2412_00



Duty_Cycle_2_4GWiFi_NVNT_ANT1_802_11b_2437_00

Duty_Cycle_2_4GWiFi_NVNT_ANT1_802_11b_2462_00

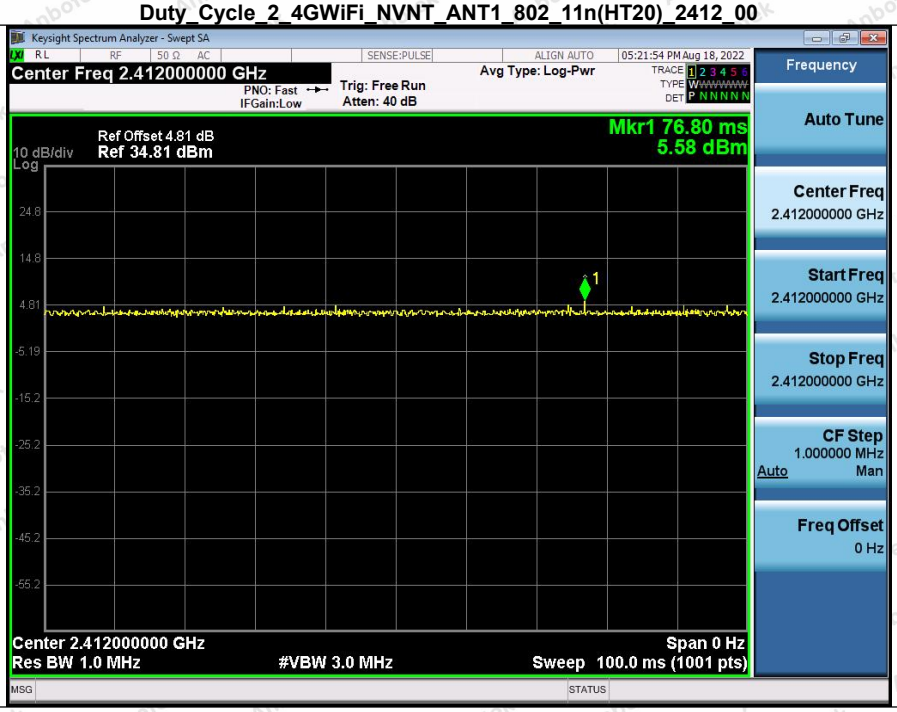
Duty_Cycle_2_4GWiFi_NVNT_ANT1_802_11g_2412_00



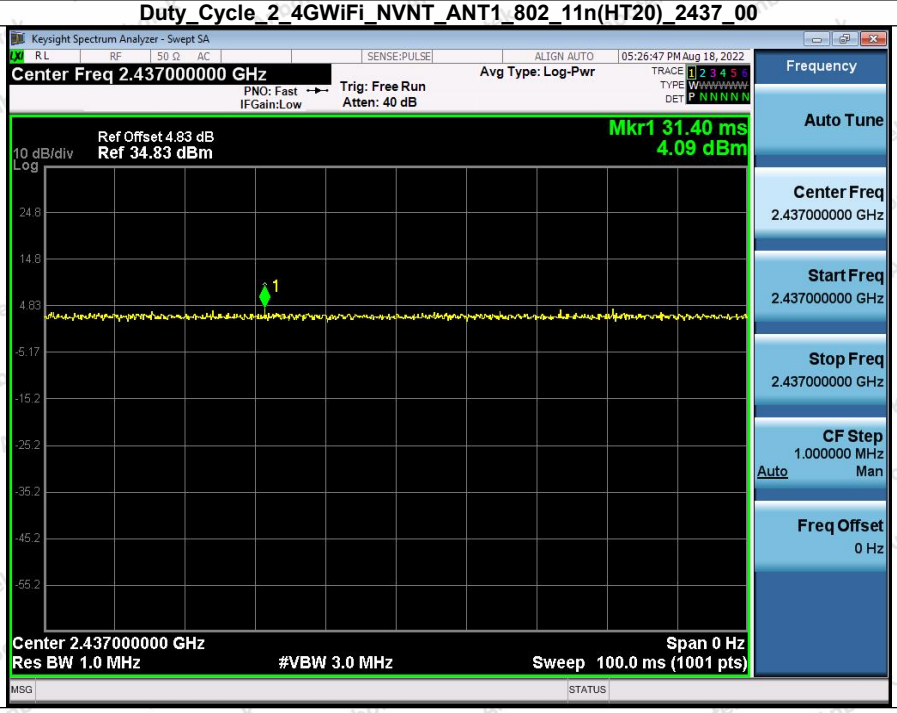
Duty_Cycle_2_4GWiFi_NVNT_ANT1_802_11g_2437_00

Duty_Cycle_2_4GWiFi_NVNT_ANT1_802_11g_2462_00

Duty_Cycle_2_4GWiFi_NVNT_ANT1_802_11n(HT20)_2412_00

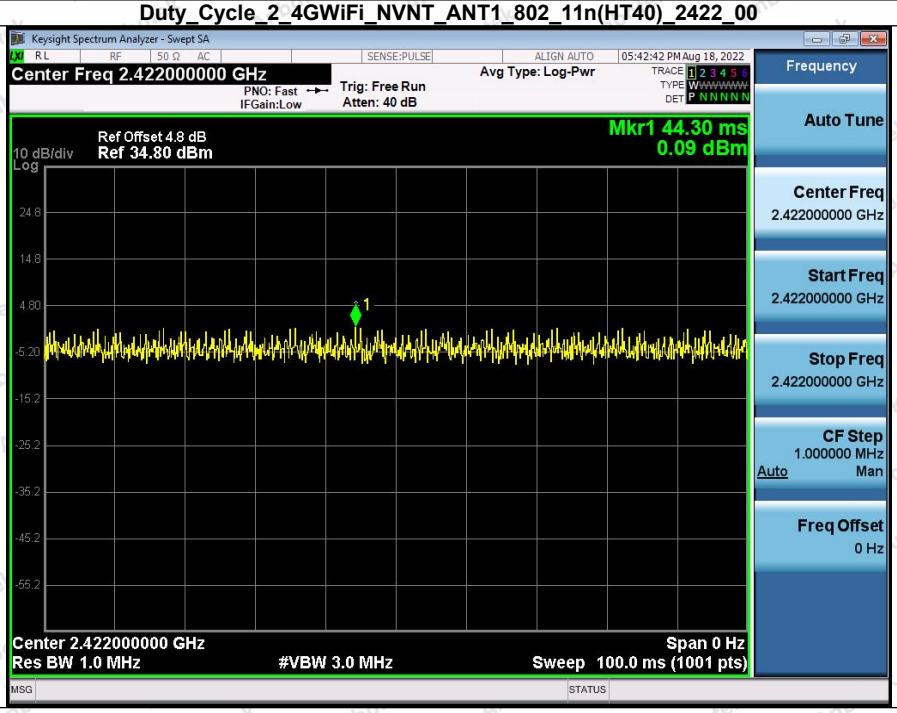


Duty_Cycle_2_4GWiFi_NVNT_ANT1_802_11n(HT20)_2437_00

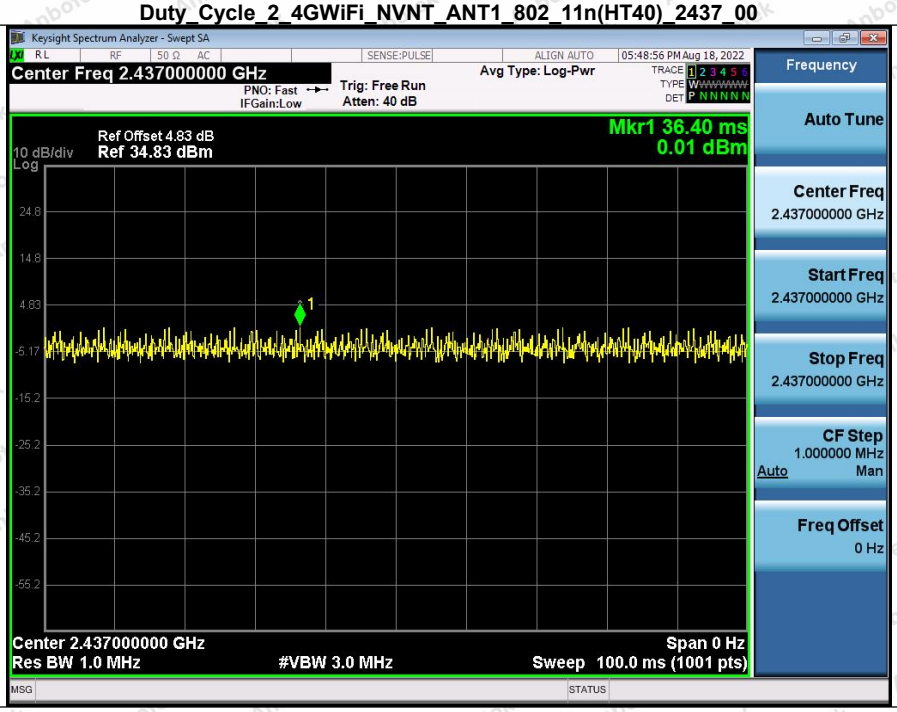


Duty_Cycle_2_4GWiFi_NVNT_ANT1_802_11n(HT20)_2462_00

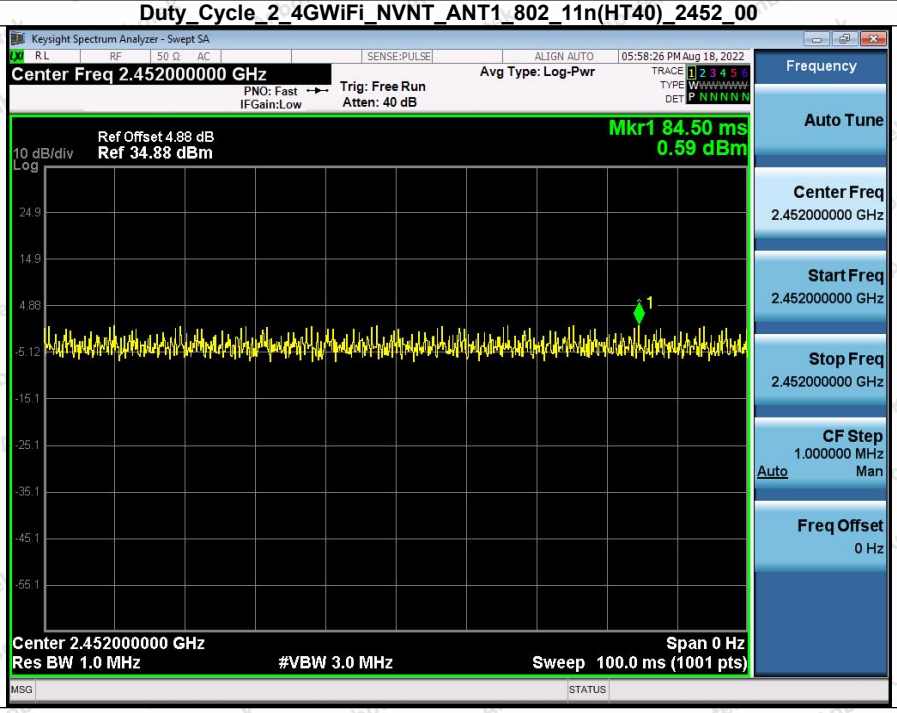
Duty_Cycle_2_4GWiFi_NVNT_ANT1_802_11n(HT40)_2422_00



Duty_Cycle_2_4GWiFi_NVNT_ANT1_802_11n(HT40)_2437_00



Duty_Cycle_2_4GWiFi_NVNT_ANT1_802_11n(HT40)_2452_00



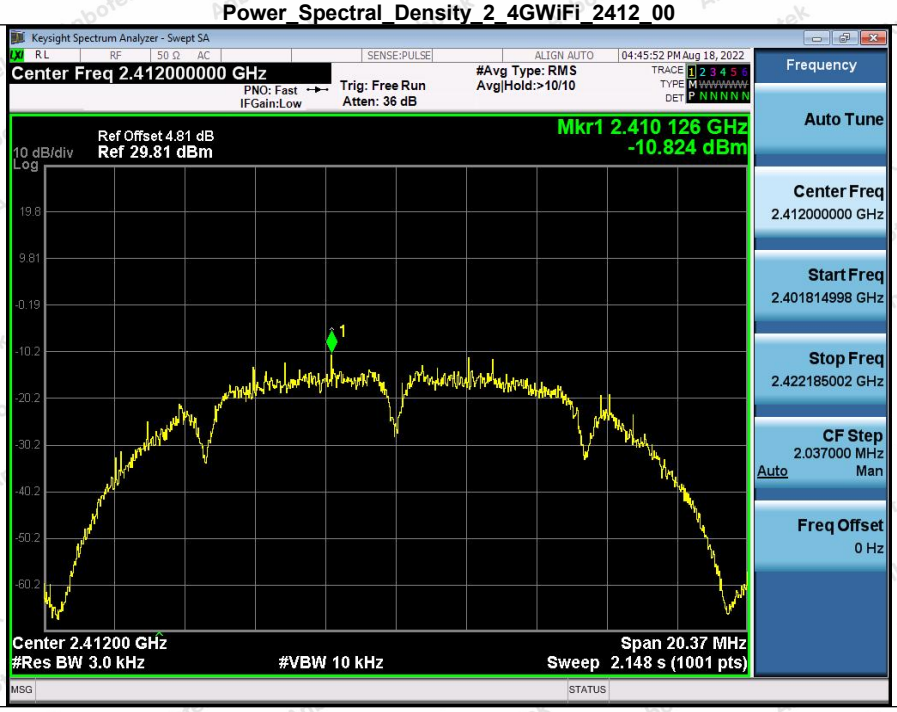
5. MAX. Output Power

Condition	Antenna	Modulation	Frequency (MHz)	Conducted Power(dBm)	Duty factor(dB)	Total Power(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11b	2412.00	11.44	0.00	11.44	30	Pass
NVNT	ANT1	802.11b	2437.00	14.92	0.00	14.92	30	Pass
NVNT	ANT1	802.11b	2462.00	13.35	0.00	13.35	30	Pass
NVNT	ANT1	802.11g	2412.00	14.50	0.00	14.50	30	Pass
NVNT	ANT1	802.11g	2437.00	14.85	0.00	14.85	30	Pass
NVNT	ANT1	802.11g	2462.00	15.22	0.00	15.22	30	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	14.73	0.00	14.73	30	Pass
NVNT	ANT1	802.11n(HT20)	2437.00	14.07	0.00	14.07	30	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	13.91	0.00	13.91	30	Pass
NVNT	ANT1	802.11n(HT40)	2422.00	12.62	0.00	12.62	30	Pass
NVNT	ANT1	802.11n(HT40)	2437.00	12.93	0.00	12.93	30	Pass
NVNT	ANT1	802.11n(HT40)	2452.00	13.16	0.00	13.16	30	Pass

6. Power Spectral Density

Condition	Antenna	Modulation	Frequency (MHz)	PSD(dBm/3kHz)	limit(dBm/3kHz)	Result
NVNT	ANT1	802.11b	2412.00	-10.82	8	Pass
NVNT	ANT1	802.11b	2437.00	-8.48	8	Pass
NVNT	ANT1	802.11b	2462.00	-5.98	8	Pass
NVNT	ANT1	802.11g	2412.00	-16.26	8	Pass
NVNT	ANT1	802.11g	2437.00	-16.00	8	Pass
NVNT	ANT1	802.11g	2462.00	-15.76	8	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	-9.95	8	Pass
NVNT	ANT1	802.11n(HT20)	2437.00	-10.52	8	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	-10.34	8	Pass
NVNT	ANT1	802.11n(HT40)	2422.00	-16.16	8	Pass
NVNT	ANT1	802.11n(HT40)	2437.00	-15.31	8	Pass
NVNT	ANT1	802.11n(HT40)	2452.00	-14.27	8	Pass

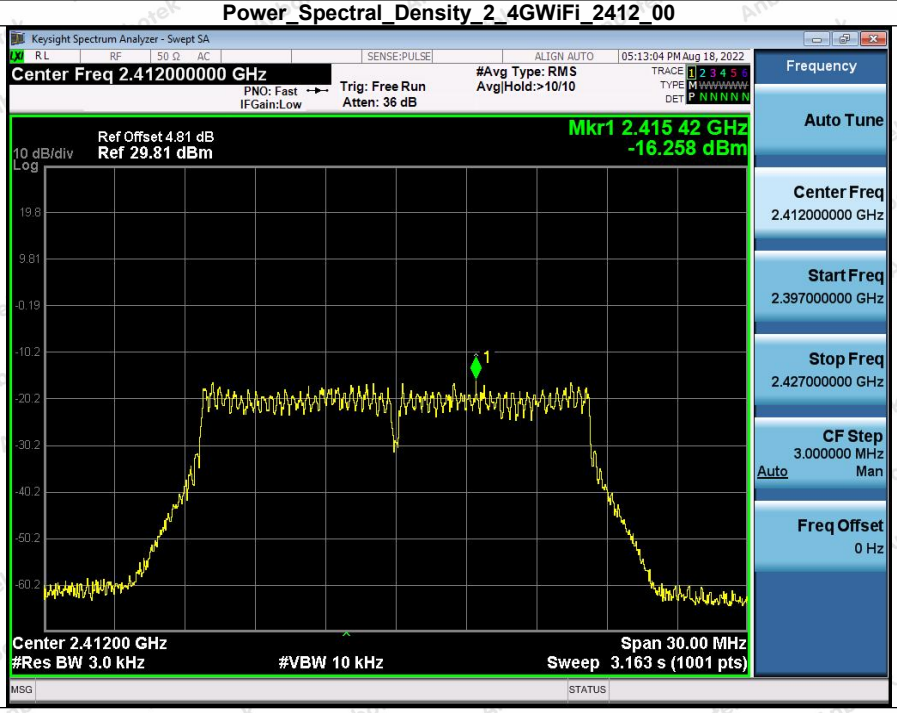
Power_Spectral_Density_2_4GWiFi_2412_00



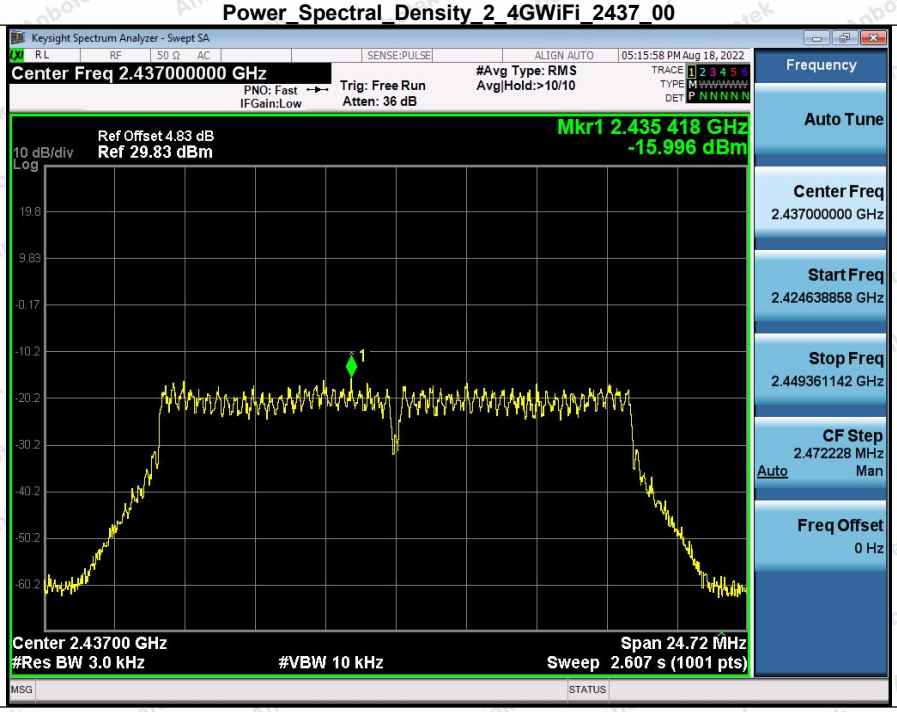
Power_Spectral_Density_2_4GWiFi_2437_00

Power_Spectral_Density_2_4GWiFi_2462_00

Power_Spectral_Density_2_4GWiFi_2412_00



Power_Spectral_Density_2_4GWiFi_2437_00



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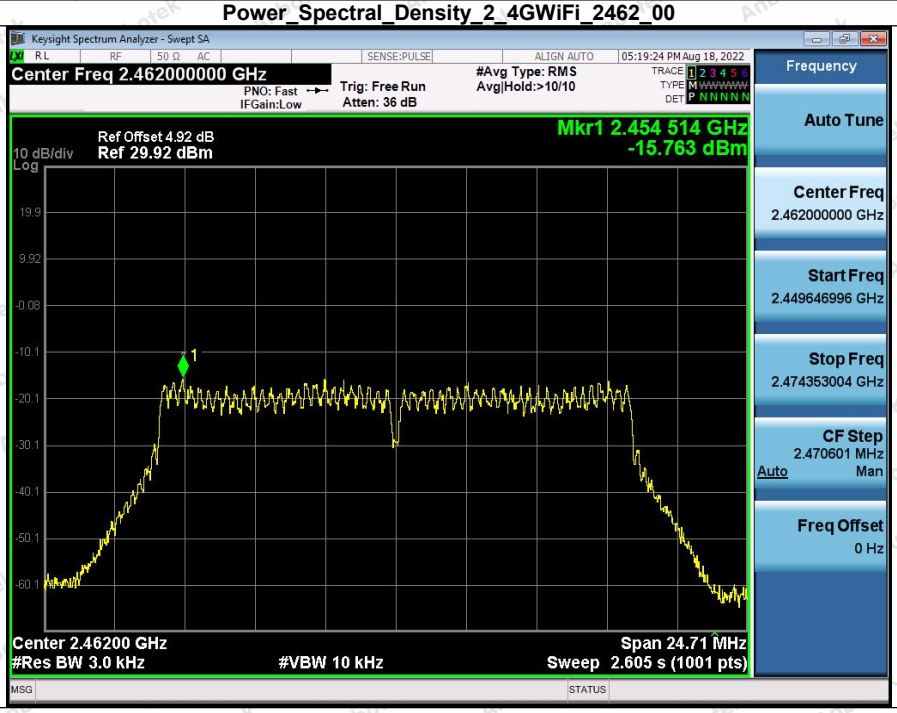

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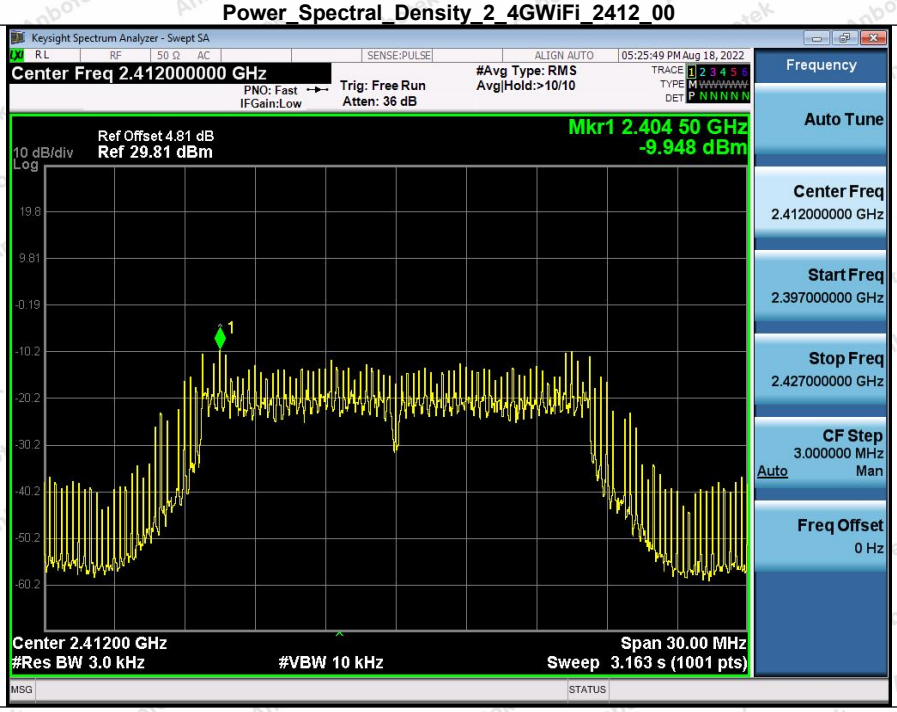

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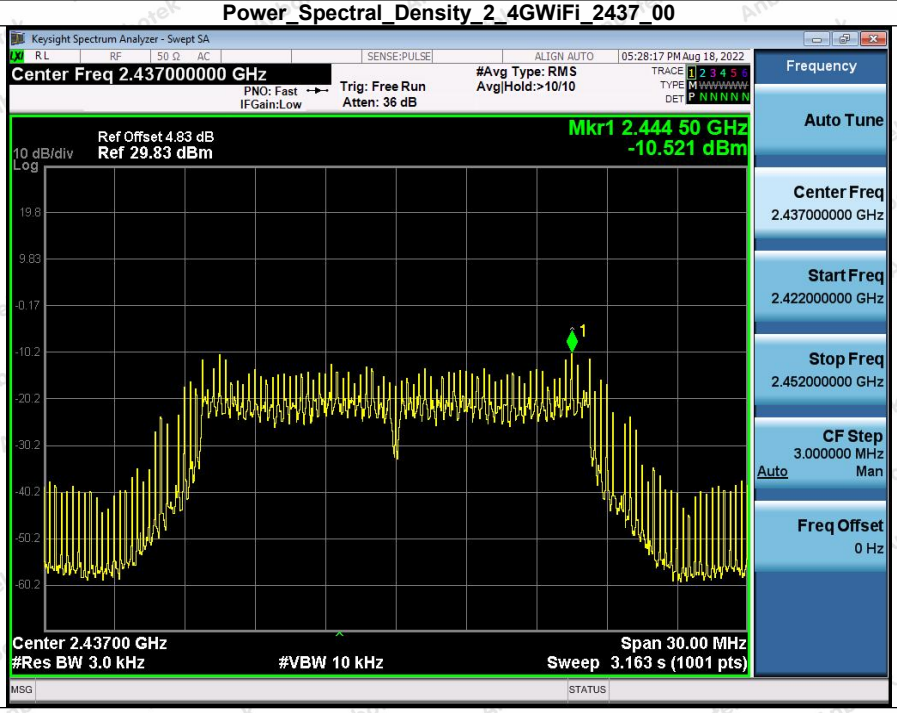

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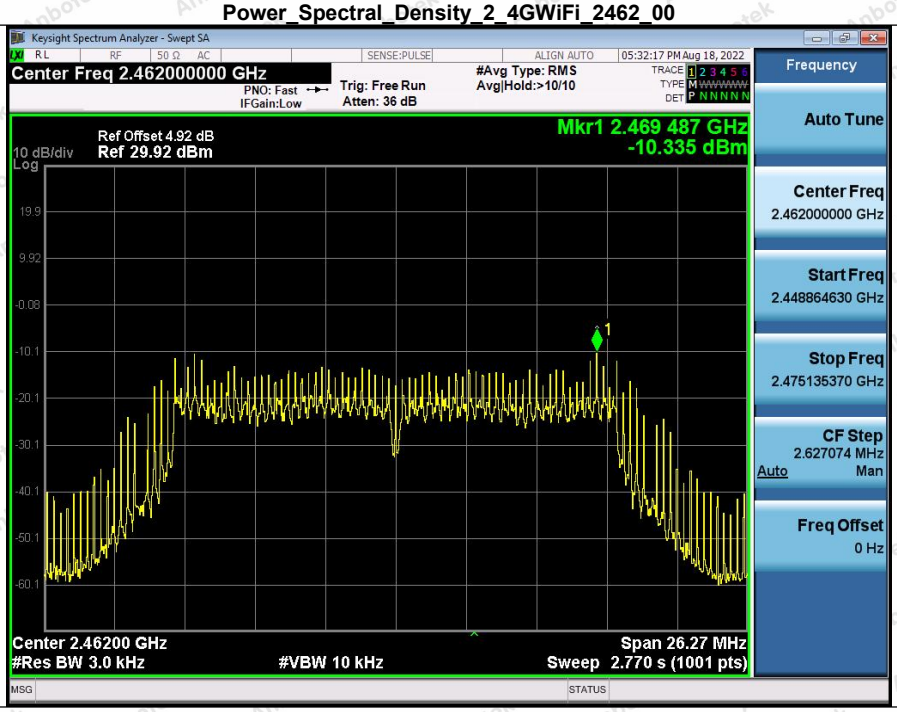
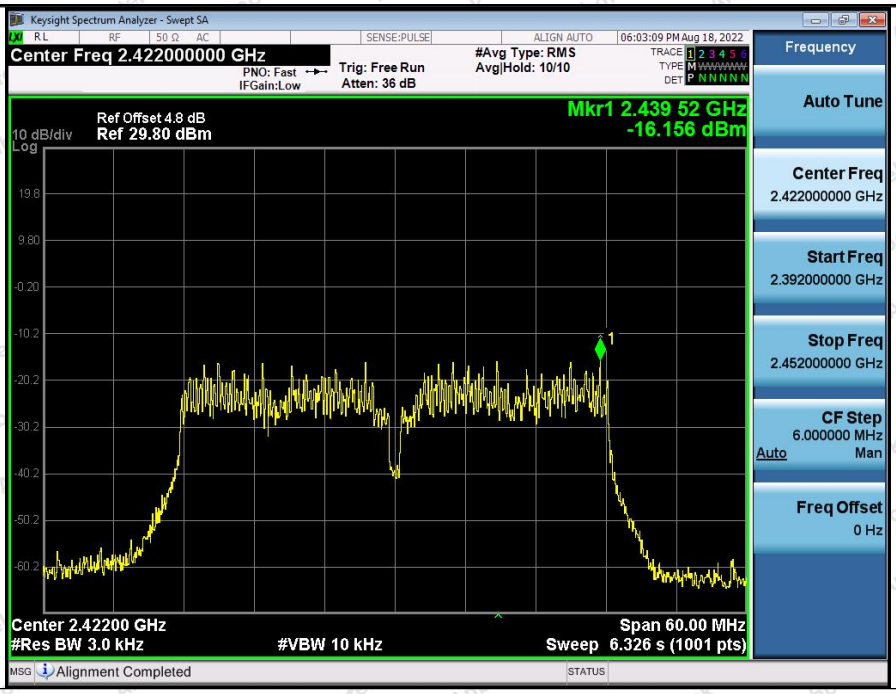
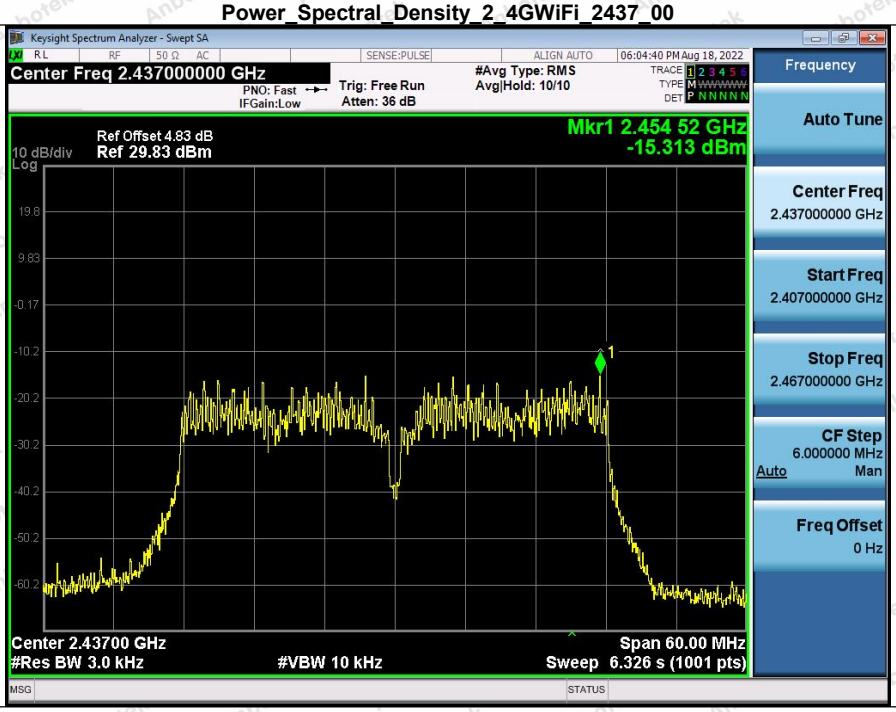


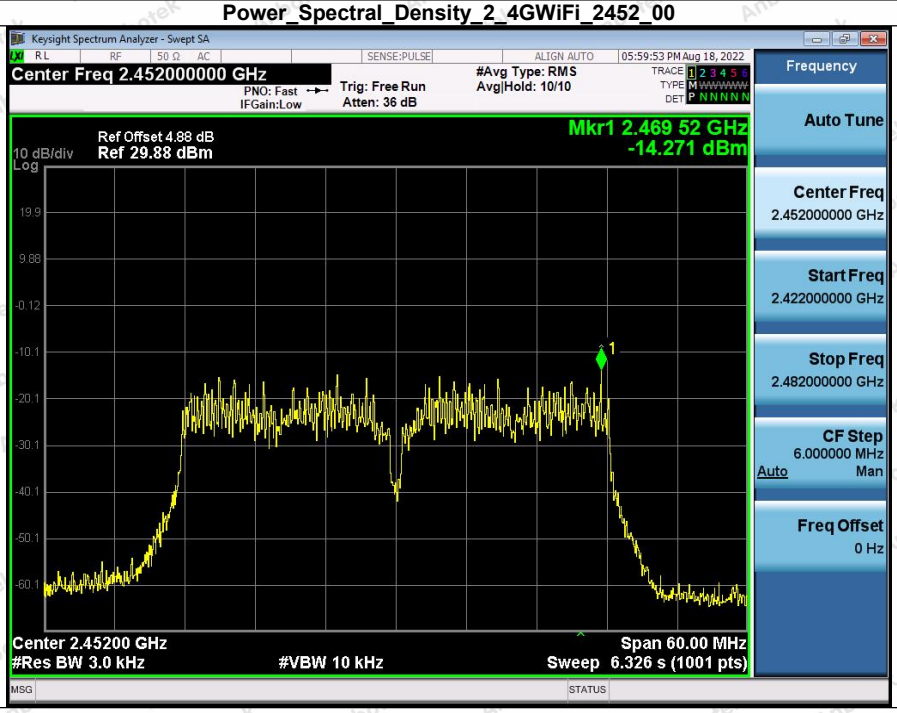
Power_Spectral_Density_2_4GWiFi_2422_00



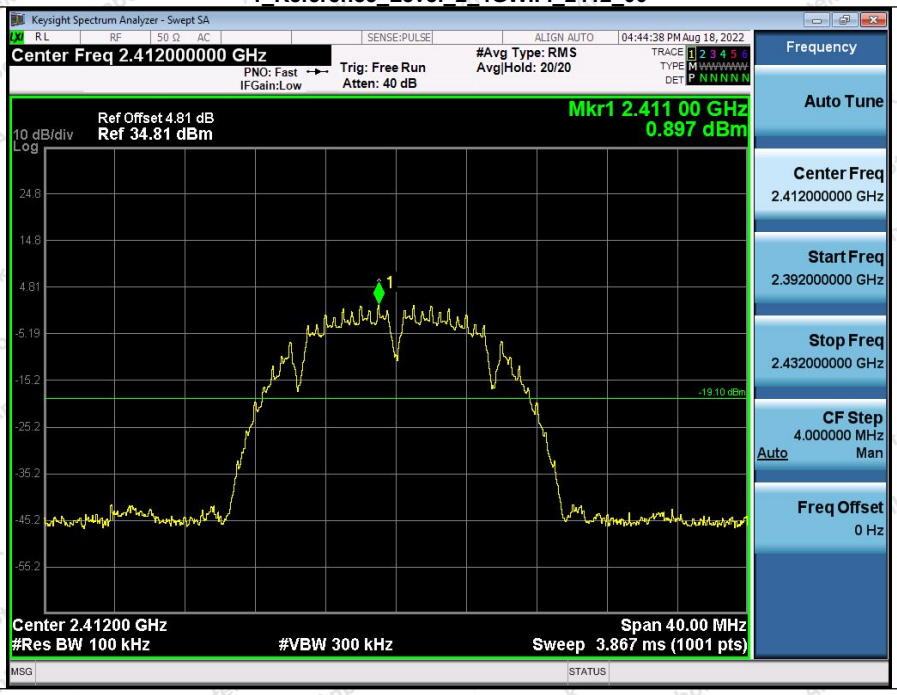
Power_Spectral_Density_2_4GWiFi_2437_00



Power_Spectral_Density_2_4GWiFi_2452_00



7. Spurious Emission

Condition	Antenna	Modulation	Start Frequency (MHz)	Stop Frequency (MHz)	Max. Mark_frequency(MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11b	30	25000	24882.64	-34.55	-19.10	Pass
NVNT	ANT1	802.11b	30	25000	24525.57	-31.22	-15.73	Pass
NVNT	ANT1	802.11b	30	25000	24545.55	-35.18	-17.25	Pass
NVNT	ANT1	802.11g	30	25000	24810.23	-31.36	-21.62	Pass
NVNT	ANT1	802.11g	30	25000	24765.33	-30.64	-21.34	Pass
NVNT	ANT1	802.11g	30	25000	24495.61	-34.95	-20.81	Pass
NVNT	ANT1	802.11n(HT20)	30	25000	24423.19	-35.32	-21.52	Pass
NVNT	ANT1	802.11n(HT20)	30	25000	24722.83	-31.72	-23.16	Pass
NVNT	ANT1	802.11n(HT20)	30	25000	24463.15	-34.16	-23.27	Pass
NVNT	ANT1	802.11n(HT40)	30	25000	24767.78	-31.75	-23.73	Pass
NVNT	ANT1	802.11n(HT40)	30	25000	24862.67	-31.77	-23.22	Pass
NVNT	ANT1	802.11n(HT40)	30	25000	24795.25	-34.73	-23.36	Pass

1_Reference_Level_2_4GWiFi_2412_00