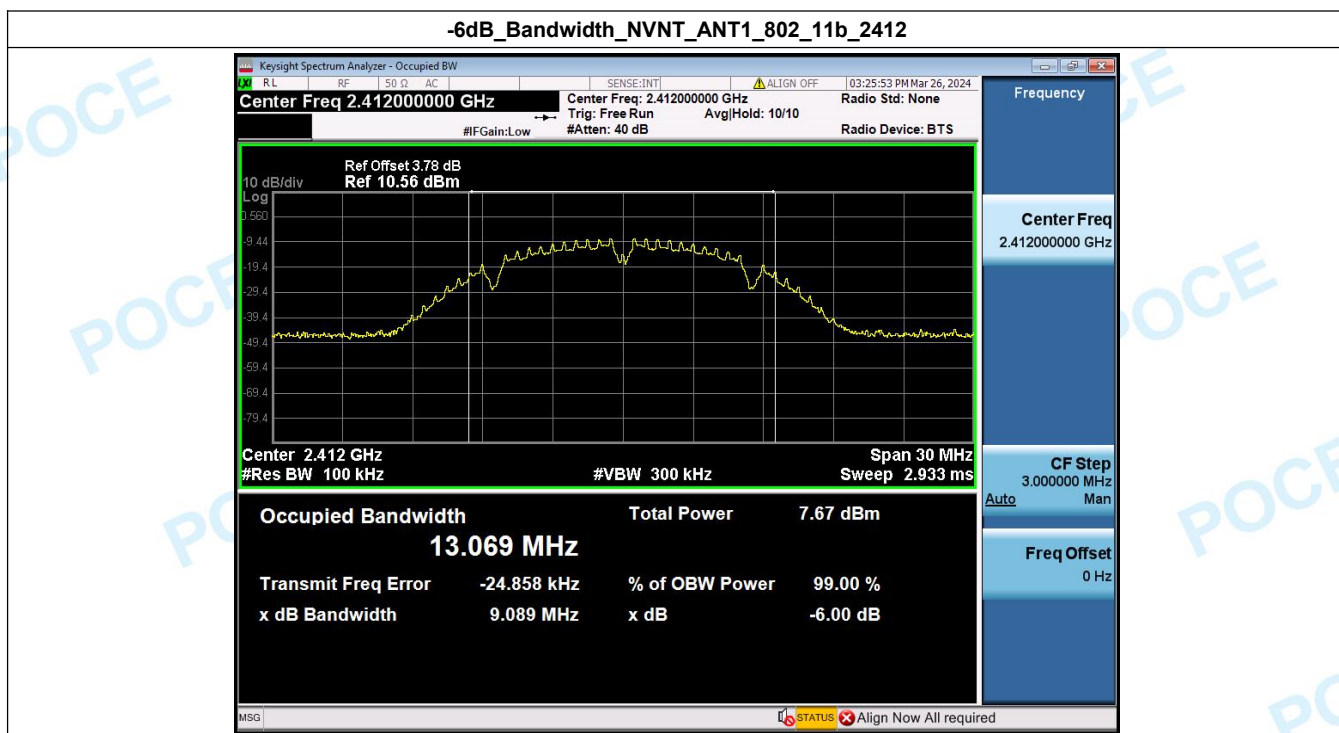


Appendix

HT240321008--2.4G--FCC 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	9.09	500	Pass
NVNT	ANT1	802.11b	2437.00	9.08	500	Pass
NVNT	ANT1	802.11b	2462.00	9.07	500	Pass
NVNT	ANT1	802.11g	2412.00	16.47	500	Pass
NVNT	ANT1	802.11g	2437.00	16.44	500	Pass
NVNT	ANT1	802.11g	2462.00	16.41	500	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	17.61	500	Pass
NVNT	ANT1	802.11n(HT20)	2437.00	17.60	500	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	17.61	500	Pass



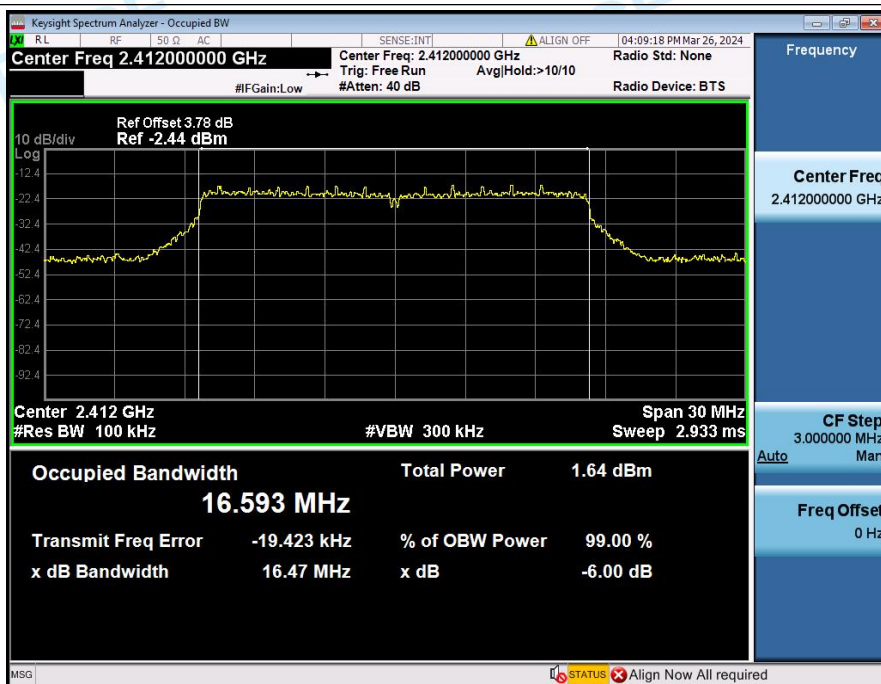
-6dB_Bandwidth_NVNT_ANT1_802_11b_2437



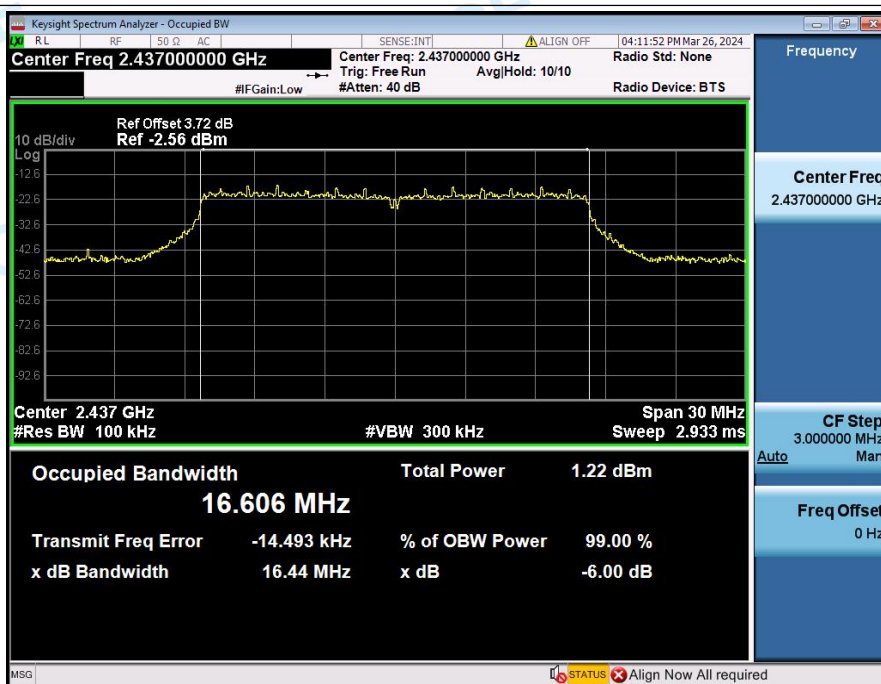
-6dB_Bandwidth_NVNT_ANT1_802_11b_2462



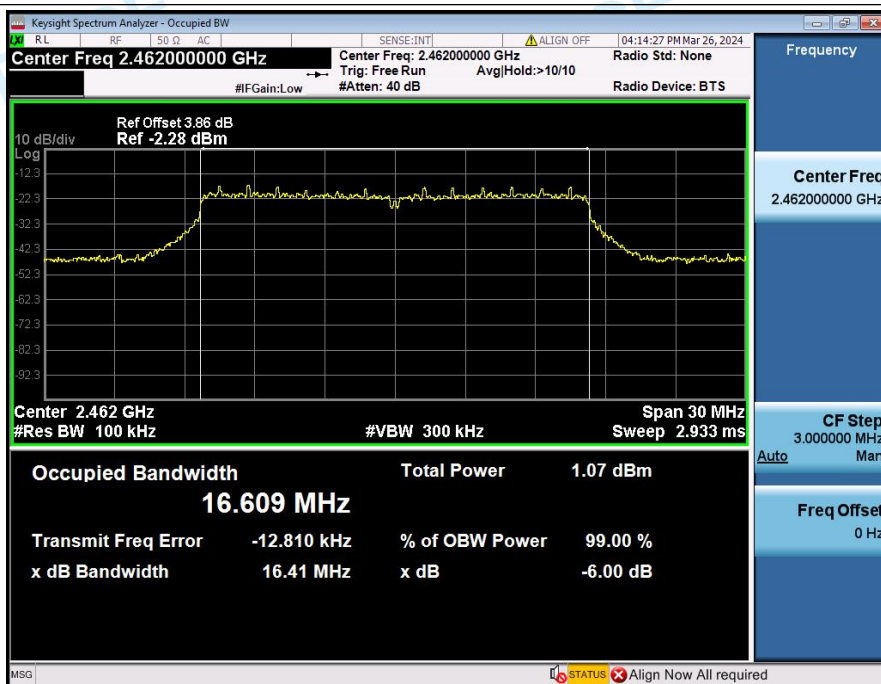
-6dB_Bandwidth_NVNT_ANT1_802_11g_2412



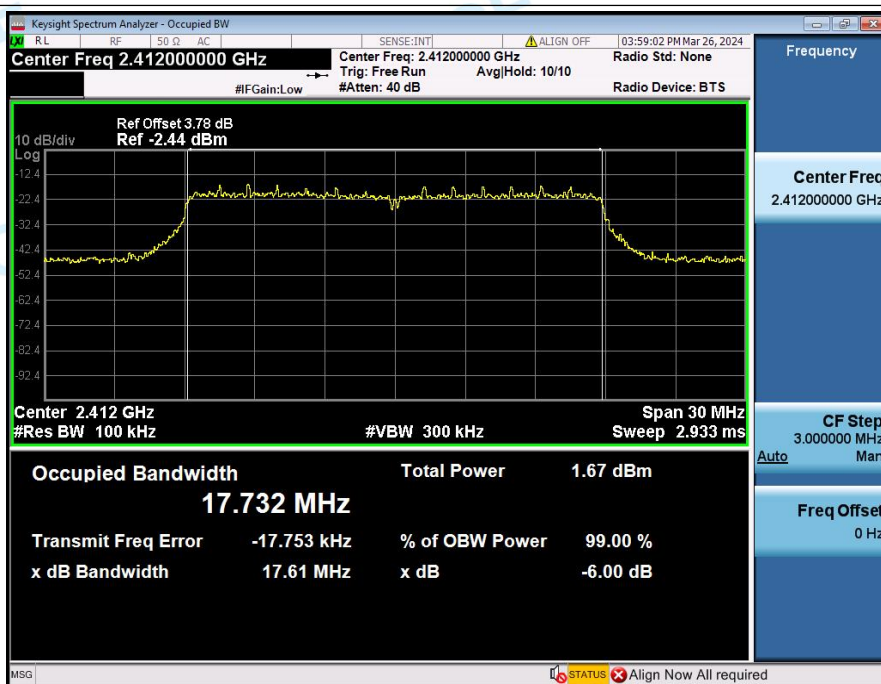
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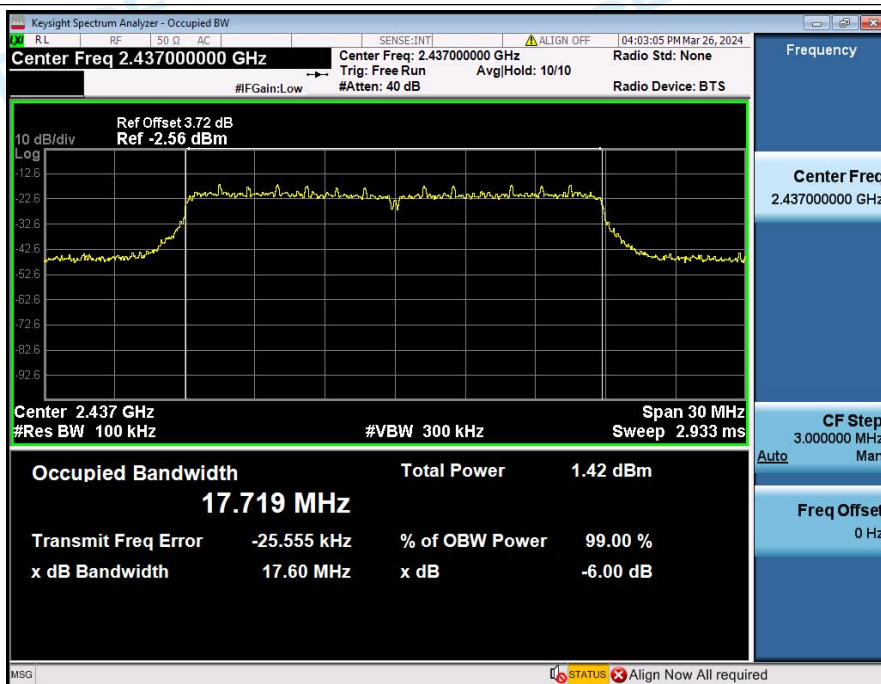
-6dB_Bandwidth_NVNT_ANT1_802_11g_2462



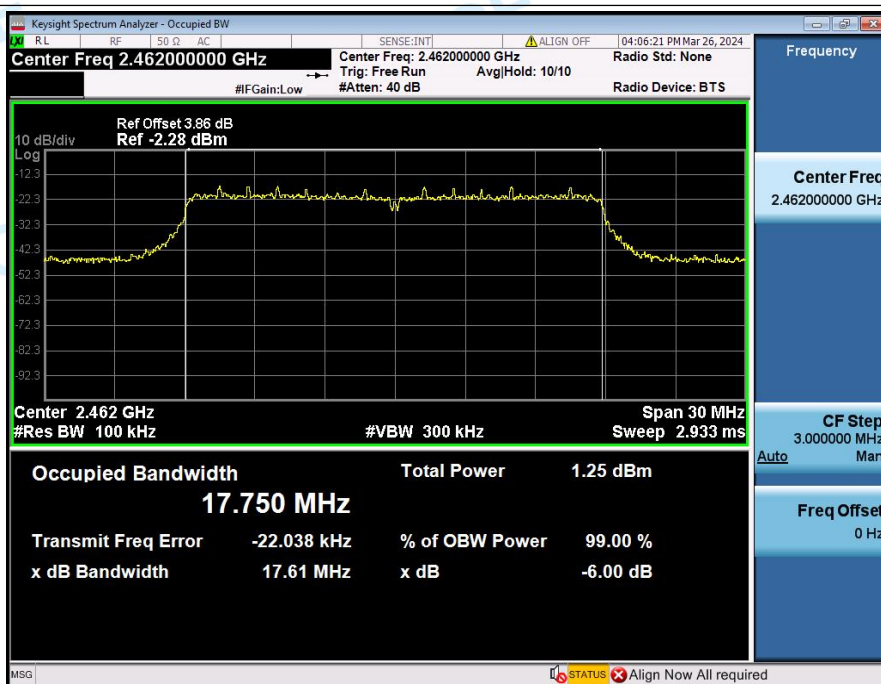
-6dB_Bandwidth_NVNT_ANT1_802_11n(HT20)_2412



-6dB_Bandwidth_NVNT_ANT1_802_11n(HT20)_2437



-6dB_Bandwidth_NVNT_ANT1_802_11n(HT20)_2462



2. 99% Occupied Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	99% BW(MHz)
NVNT	ANT1	802.11b	2412.00	13.465
NVNT	ANT1	802.11b	2437.00	13.519
NVNT	ANT1	802.11b	2462.00	13.559
NVNT	ANT1	802.11g	2412.00	17.623
NVNT	ANT1	802.11g	2437.00	17.647
NVNT	ANT1	802.11g	2462.00	17.671
NVNT	ANT1	802.11n(HT20)	2412.00	18.478
NVNT	ANT1	802.11n(HT20)	2437.00	18.479
NVNT	ANT1	802.11n(HT20)	2462.00	18.456

99%_Occupied_Bandwidth_NVNT_ANT1_802_11b_2412



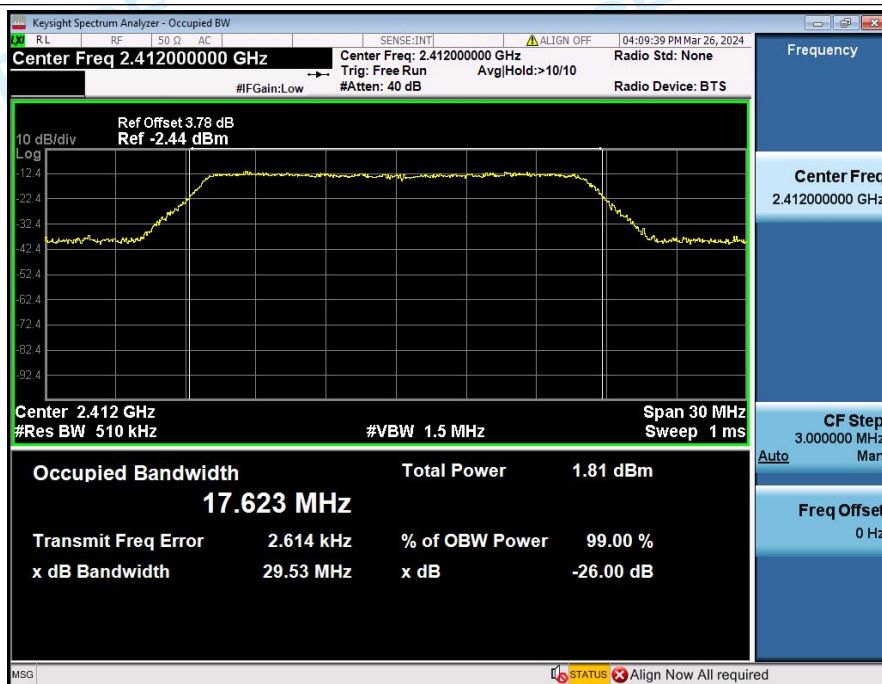
99%_Occupied_Bandwidth_NVNT_ANT1_802_11b_2437



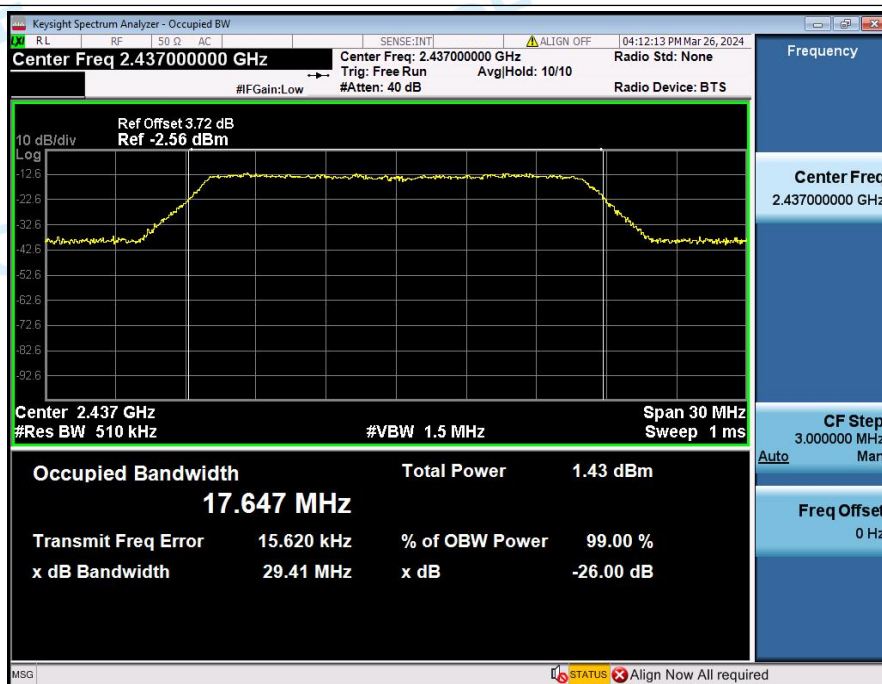
99%_Occupied_Bandwidth_NVNT_ANT1_802_11b_2462



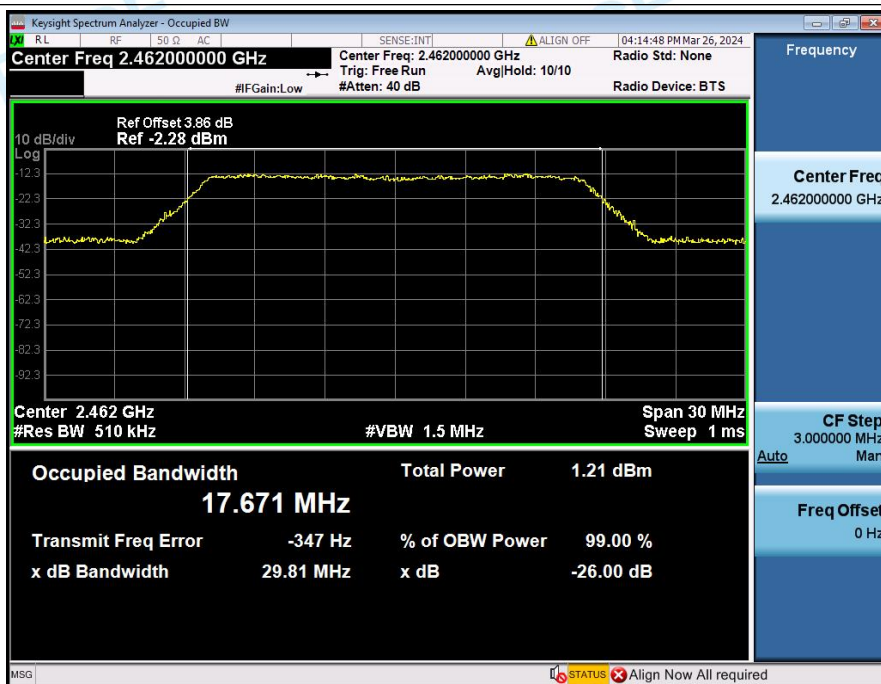
99%_Occupied_Bandwidth_NVNT_ANT1_802_11g_2412



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



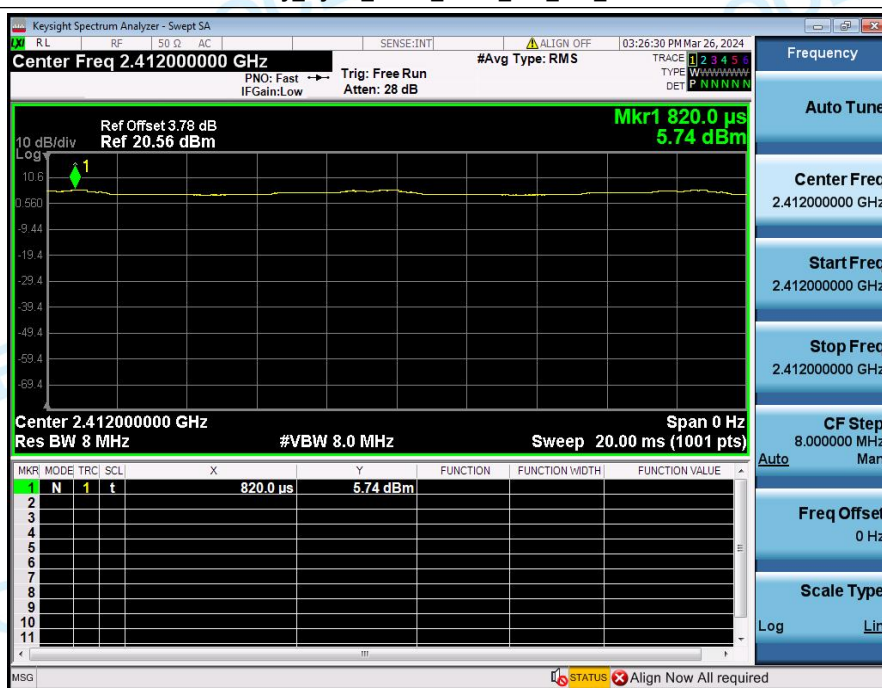
99%_Occupied_Bandwidth_NVNT_ANT1_802_11n(HT20)_2462



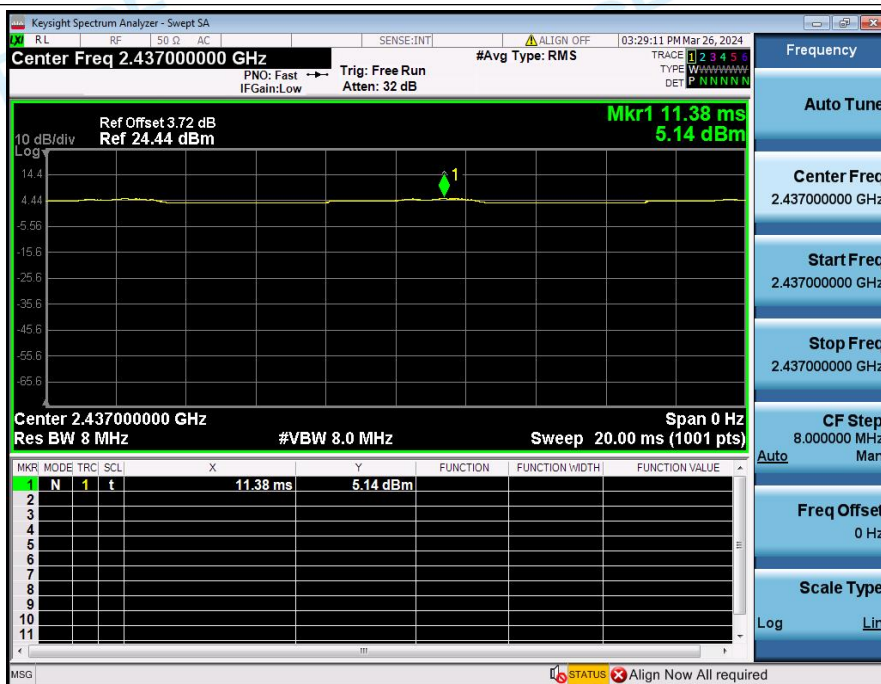
3. Duty Cycle

Condition	Antenna	Modulation	Frequency (MHz)	Duty cycle(%)	Duty factor(dB)
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	92.57	0.34
NVNT	ANT1	802.11g	2437.00	95.49	0.20
NVNT	ANT1	802.11g	2462.00	95.83	0.18
NVNT	ANT1	802.11n(HT20)	2412.00	90.75	0.42
NVNT	ANT1	802.11n(HT20)	2437.00	95.15	0.22
NVNT	ANT1	802.11n(HT20)	2462.00	95.15	0.22

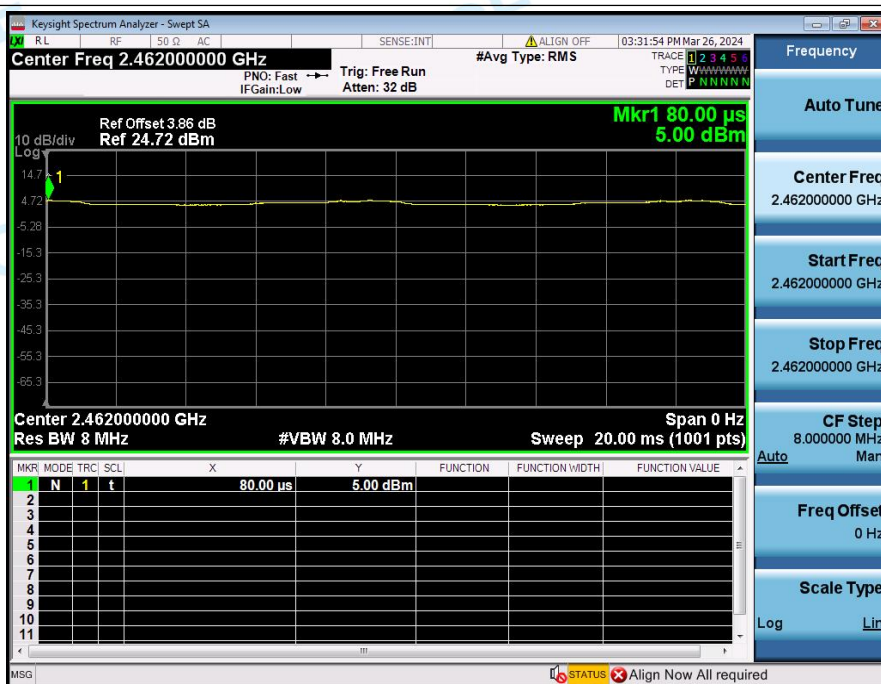
Duty_Cycle_NVNT_ANT1_802_11b_2412



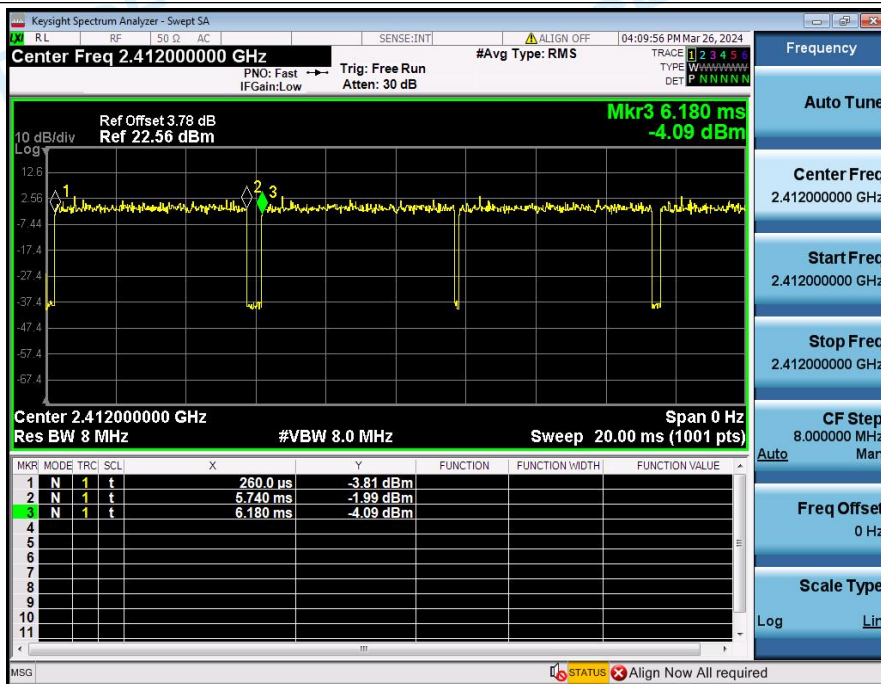
Duty_Cycle_NVNT_ANT1_802_11b_2437



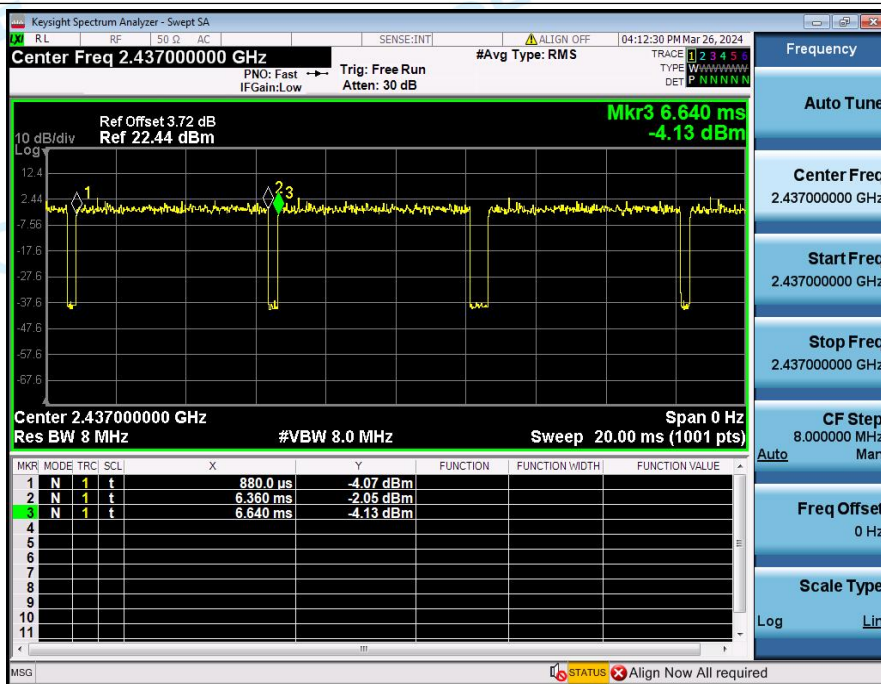
Duty_Cycle_NVNT_ANT1_802_11b_2462



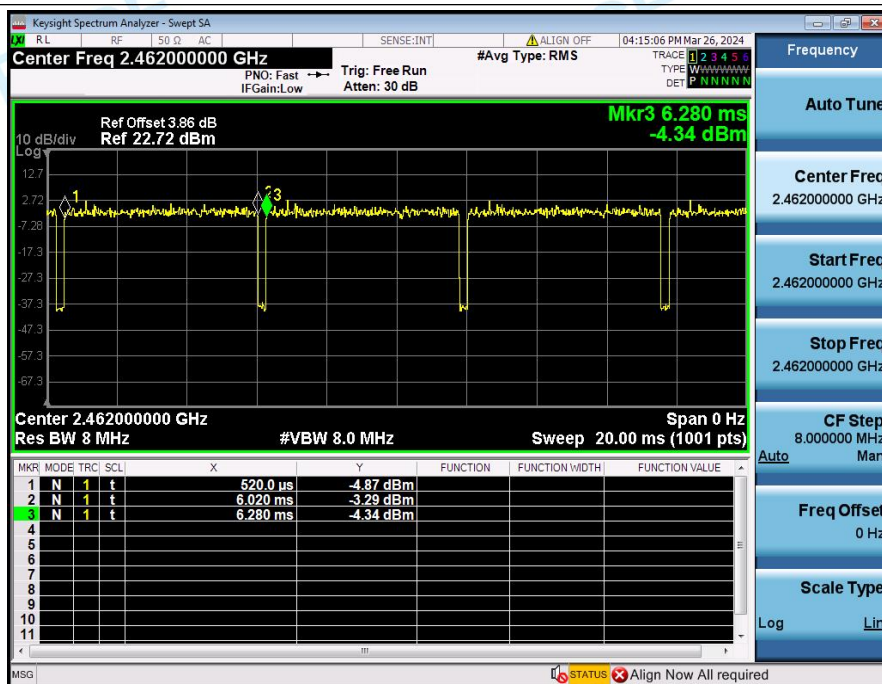
Duty_Cycle_NVNT_ANT1_802_11g_2412



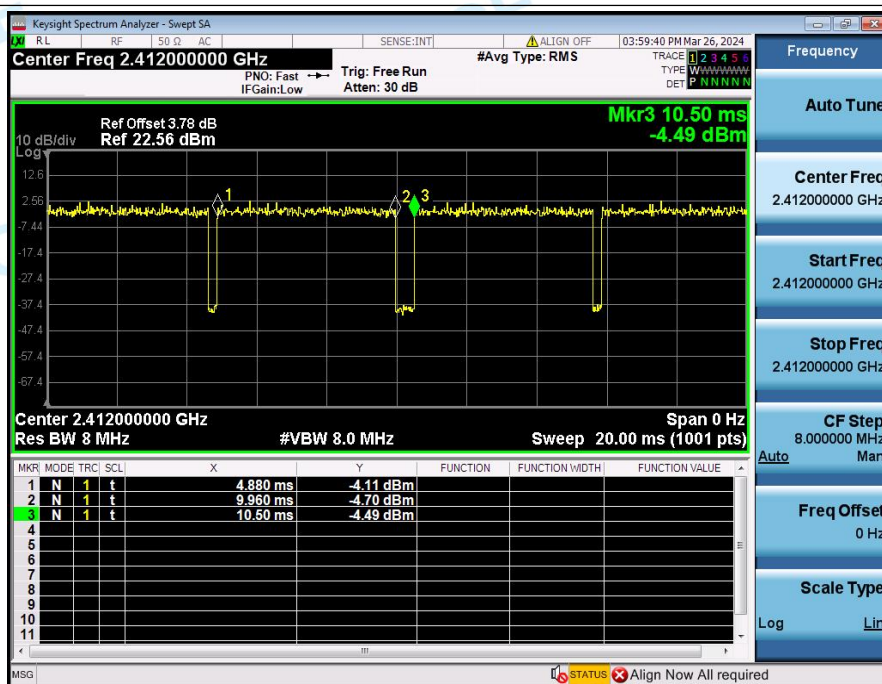
Duty_Cycle_NVNT_ANT1_802_11g_2437



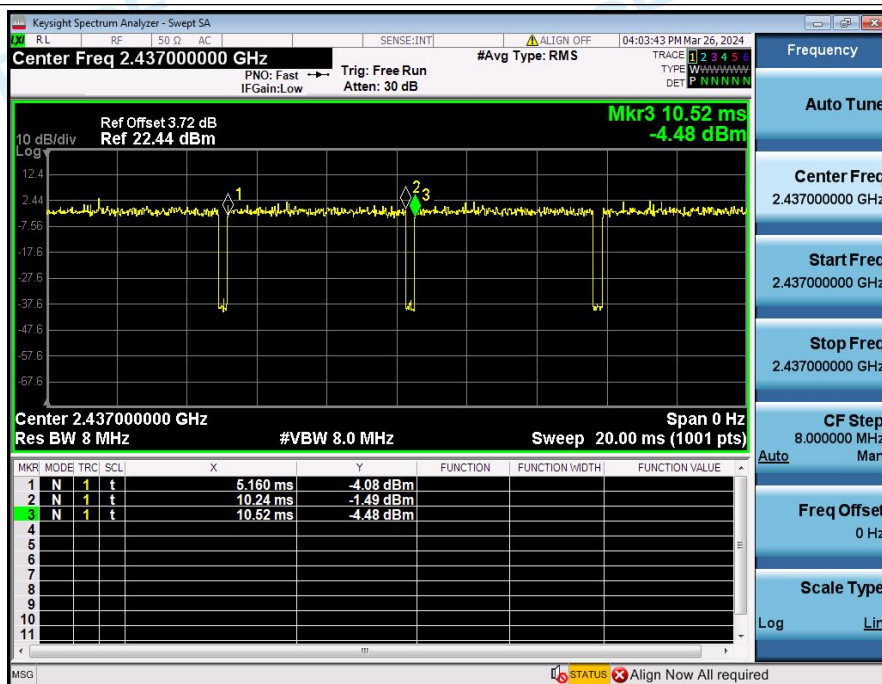
Duty_Cycle_NVNT_ANT1_802_11g_2462



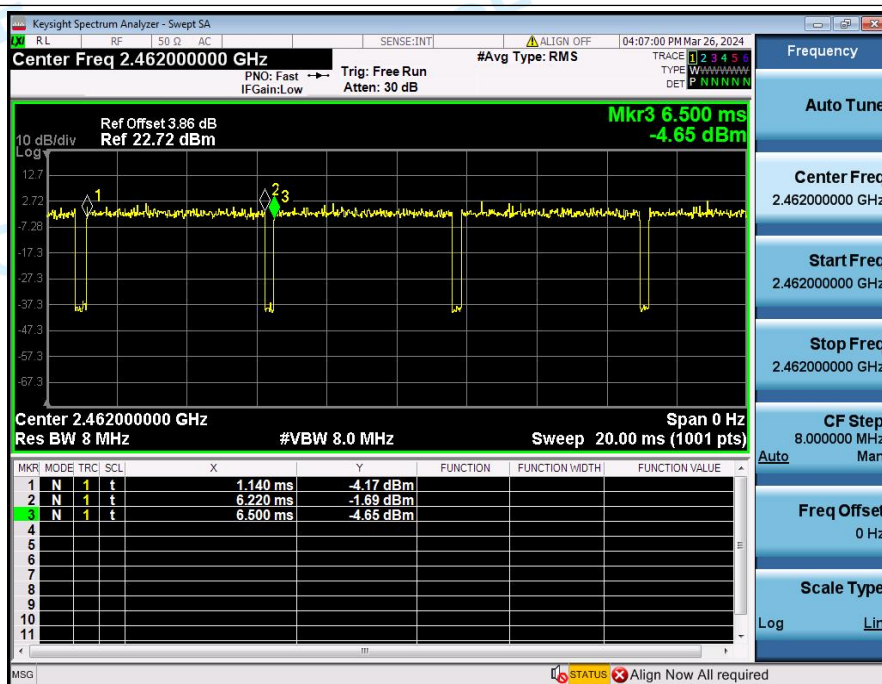
Duty_Cycle_NVNT_ANT1_802_11n(HT20)_2412



Duty_Cycle_NVNT_ANT1_802_11n(HT20)_2437



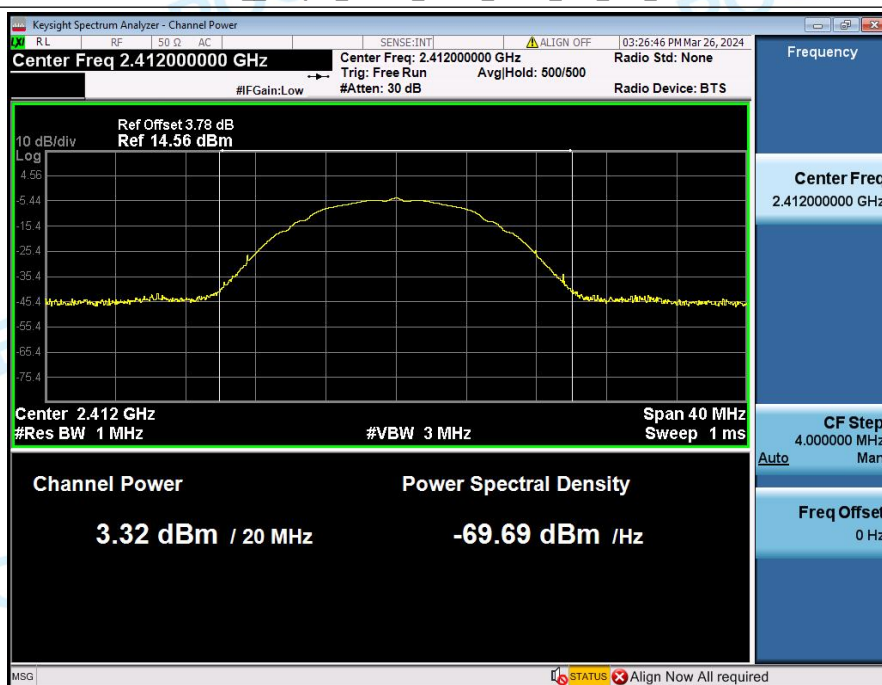
Duty_Cycle_NVNT_ANT1_802_11n(HT20)_2462



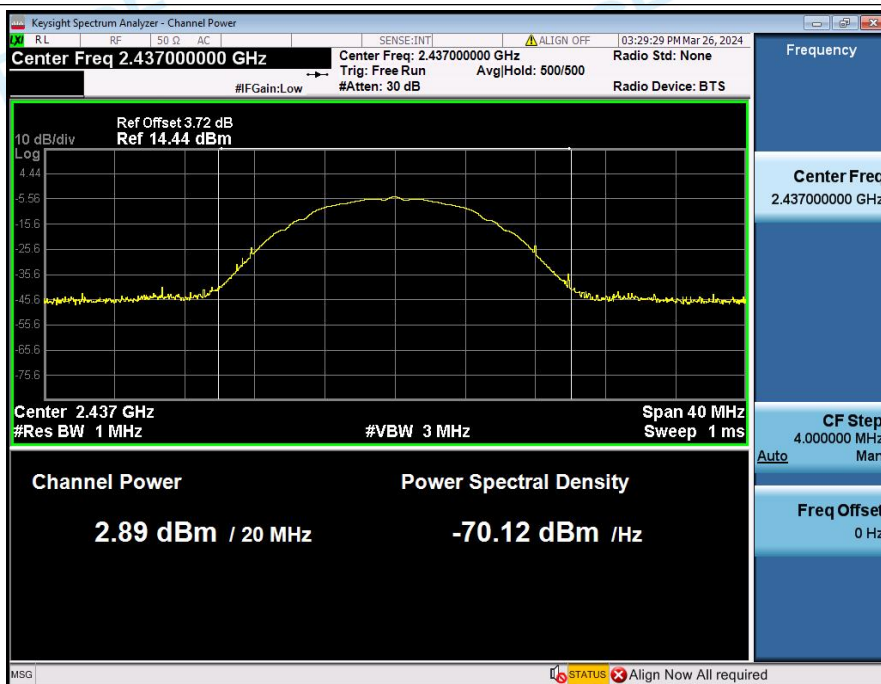
4. MAX. Output Power

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	3.32	N/A	3.32	30	Pass
NVNT	ANT1	802.11b	2437.00	Peak	2.89	N/A	2.89	30	Pass
NVNT	ANT1	802.11b	2462.00	Peak	2.74	N/A	2.74	30	Pass
NVNT	ANT1	802.11g	2412.00	Peak	2.47	N/A	2.47	30	Pass
NVNT	ANT1	802.11g	2437.00	Peak	2.11	N/A	2.11	30	Pass
NVNT	ANT1	802.11g	2462.00	Peak	1.88	N/A	1.88	30	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	Peak	2.37	N/A	2.37	30	Pass
NVNT	ANT1	802.11n(HT20)	2437.00	Peak	1.99	N/A	1.99	30	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	Peak	1.88	N/A	1.88	30	Pass

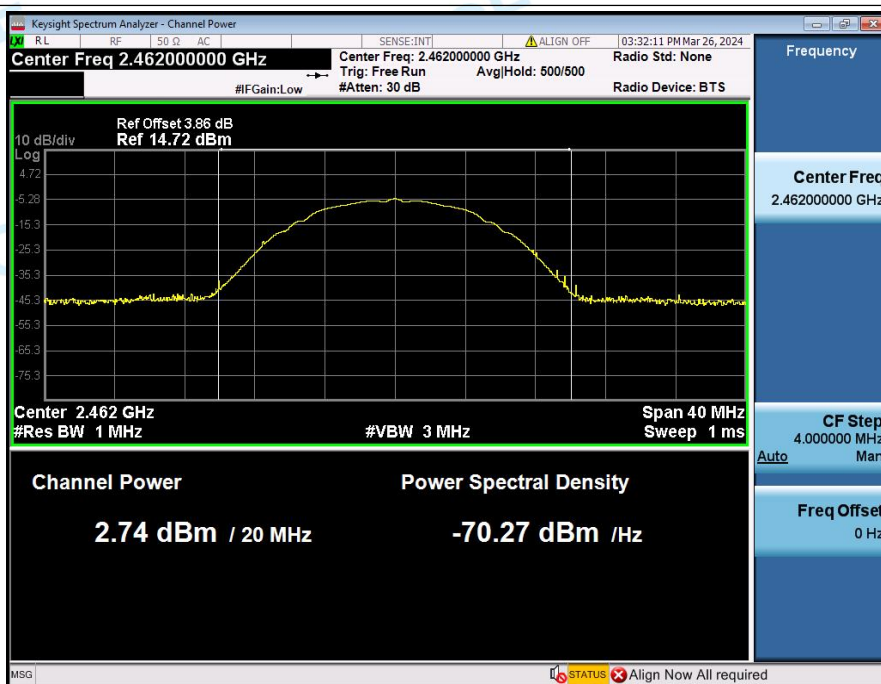
MAX_ Output_Power_NVNT_ANT1_802_11b_2412



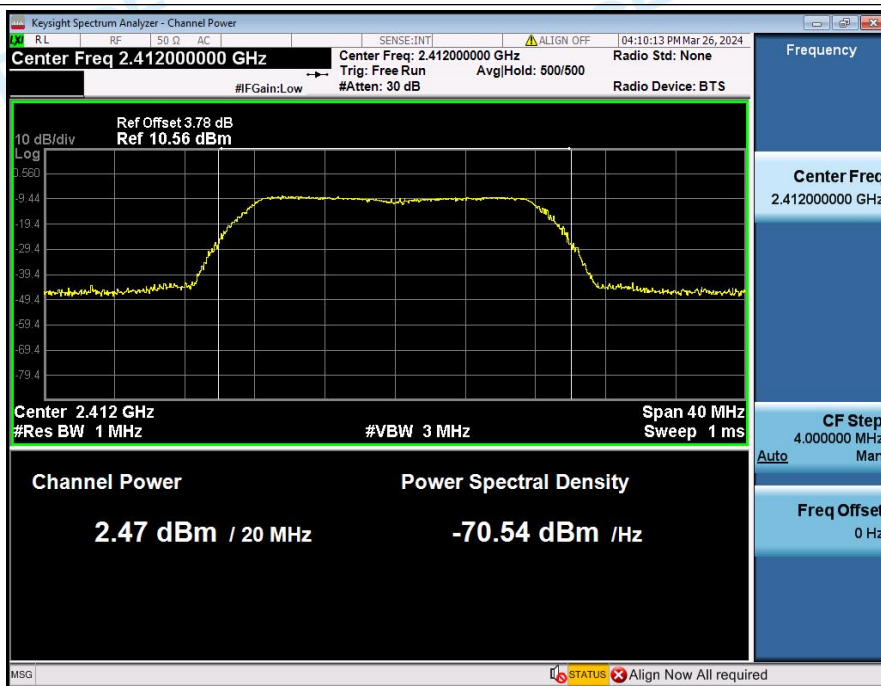
MAX__Output_Power_NVNT_ANT1_802_11b_2437



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

