

Appendix Data

Report No.: SZNTT26021741E1-1

FCC ID:2BV7Z-G07

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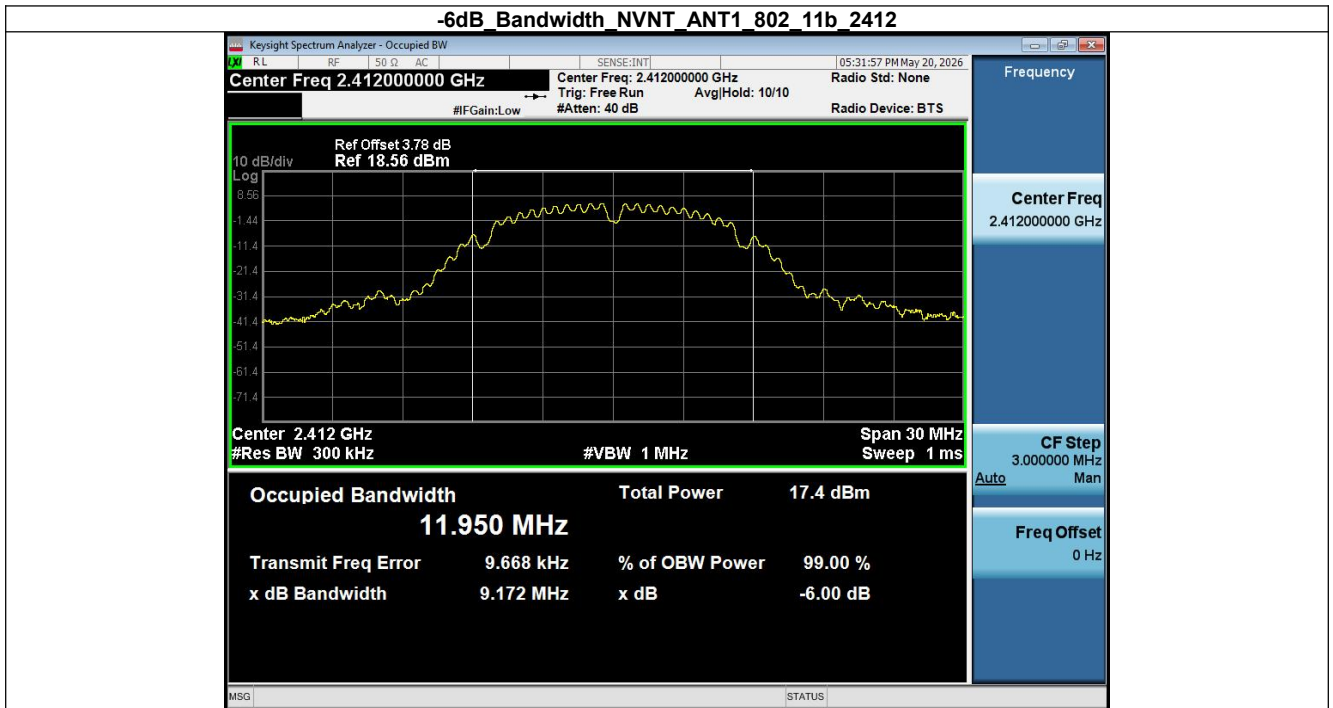
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FCC ID:2BV7R-G07

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	9.17	500	Pass
NVNT	ANT1	802.11b	2437.00	9.17	500	Pass
NVNT	ANT1	802.11b	2462.00	9.20	500	Pass
NVNT	ANT1	802.11g	2412.00	16.41	500	Pass
NVNT	ANT1	802.11g	2437.00	16.43	500	Pass
NVNT	ANT1	802.11g	2462.00	16.44	500	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	17.31	500	Pass
NVNT	ANT1	802.11n(HT20)	2437.00	17.32	500	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	17.47	500	Pass
NVNT	ANT1	802.11n(HT40)	2422.00	36.06	500	Pass
NVNT	ANT1	802.11n(HT40)	2437.00	35.72	500	Pass
NVNT	ANT1	802.11n(HT40)	2452.00	36.01	500	Pass



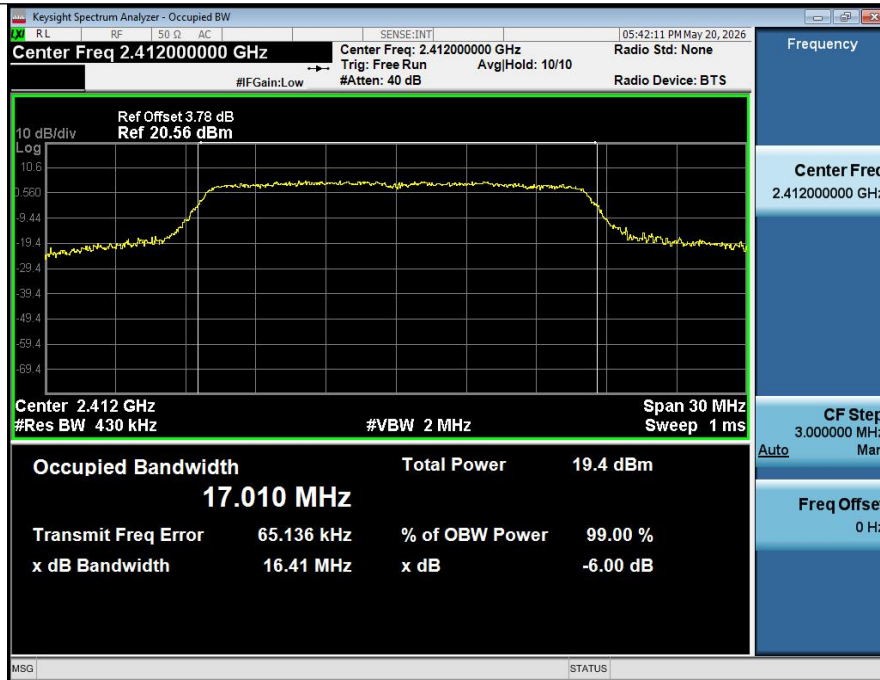
-6dB Bandwidth NVNT ANT1 802 11b 2437



-6dB Bandwidth NVNT_ANT1_802_11b_2462



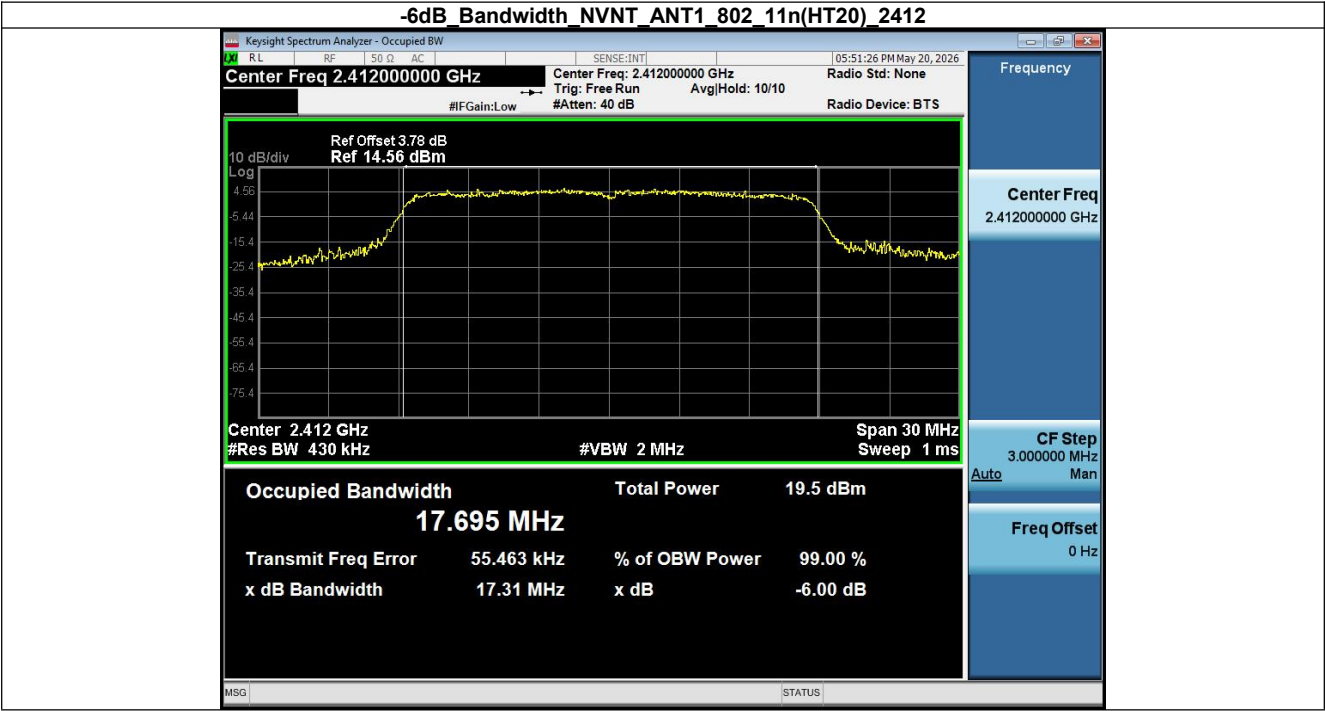
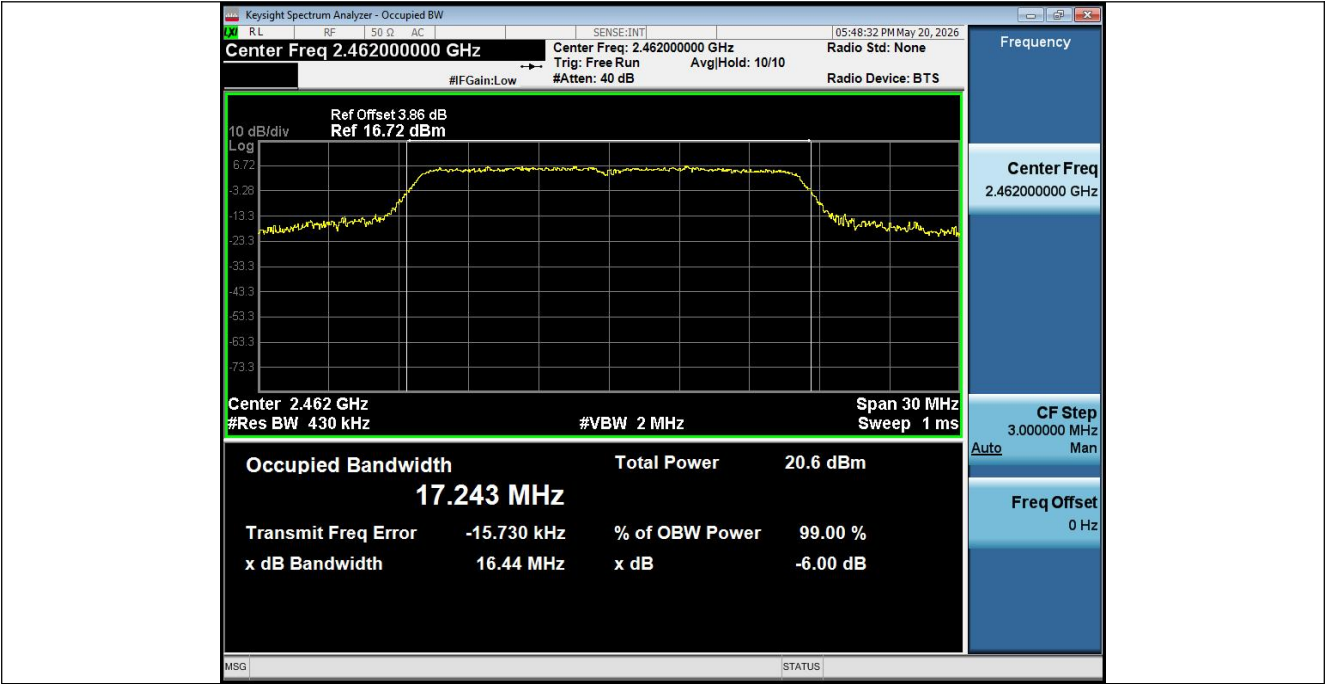
-6dB Bandwidth NVNT_ANT1_802_11g_2412

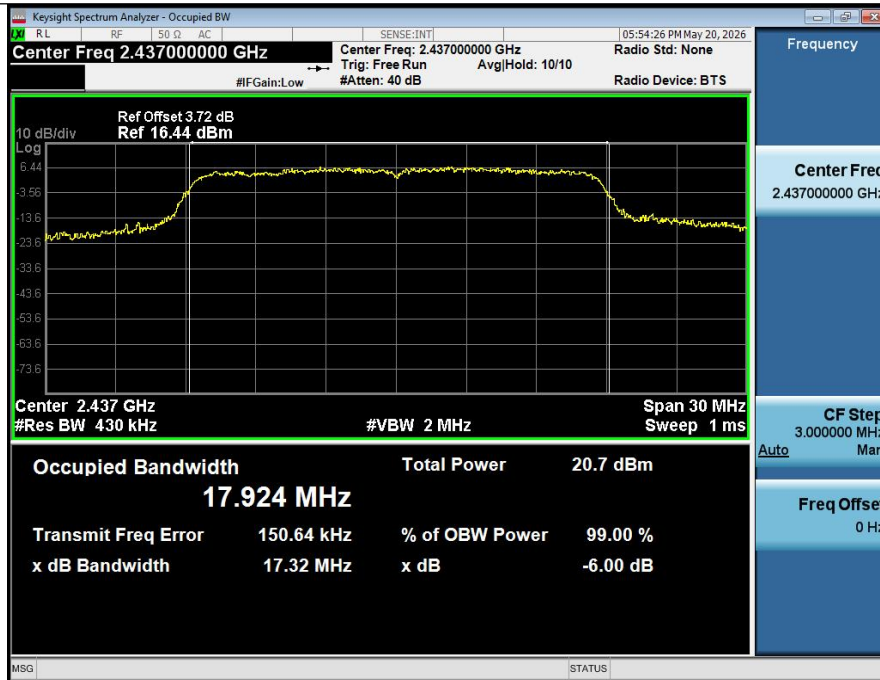


-6dB_Bandwidth_NVNT_ANT1_802_11g_2437

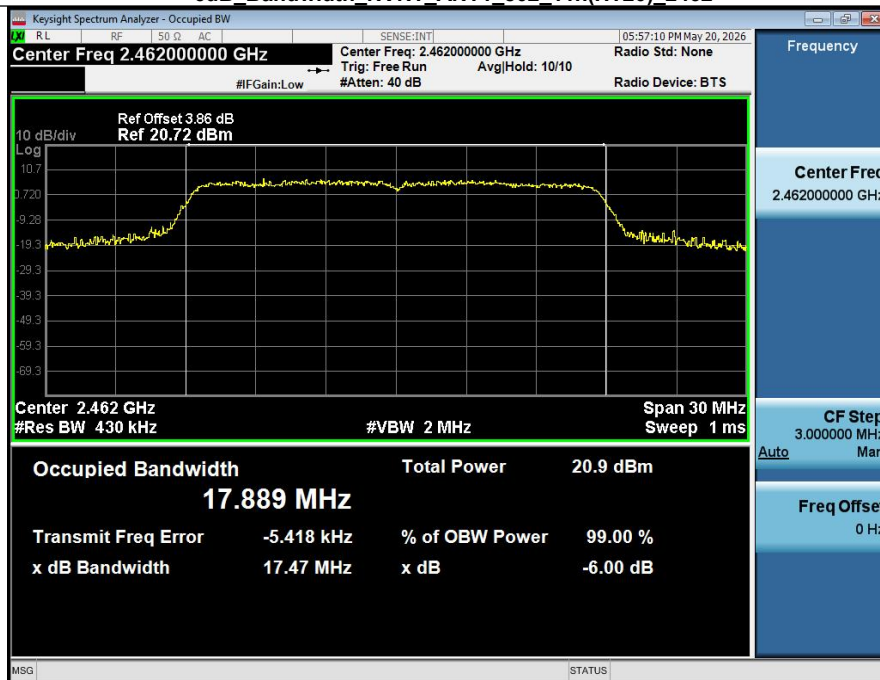


-6dB_Bandwidth_NVNT_ANT1_802_11g_2462





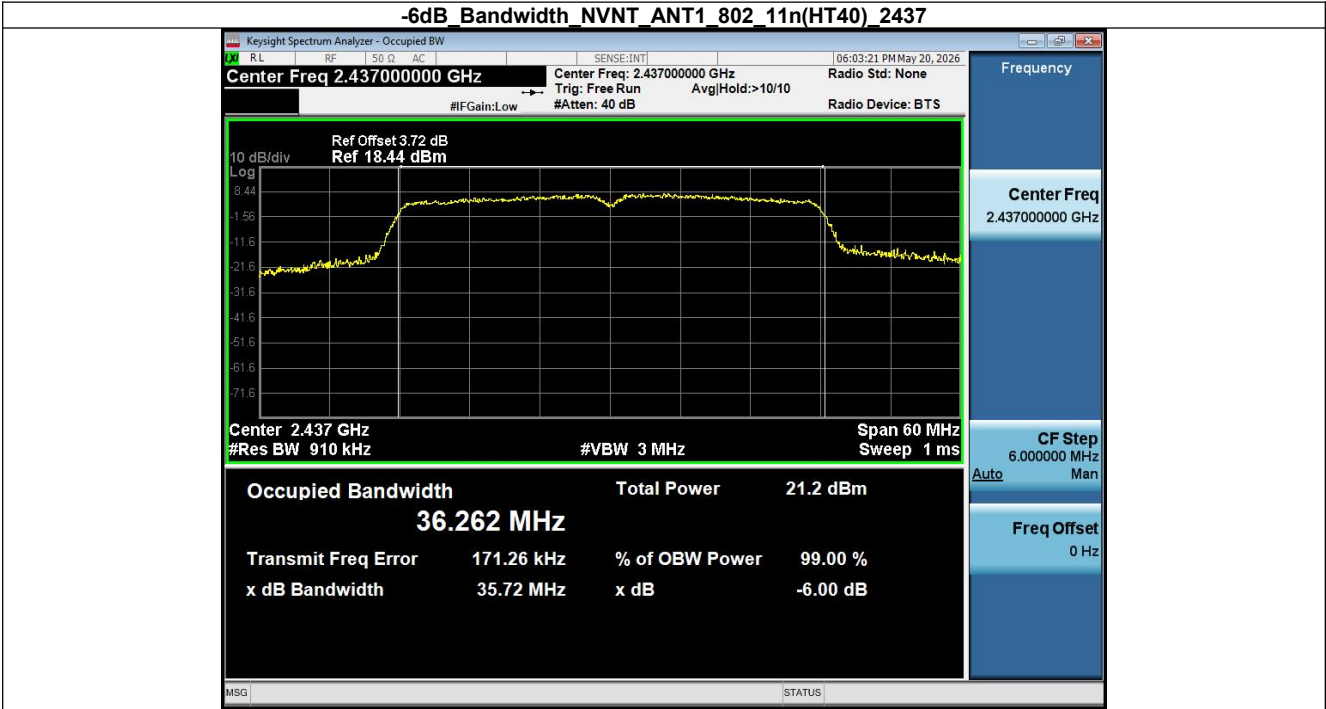
-6dB_Bandwidth_NVNT_ANT1_802_11n(HT20)_2462



-6dB_Bandwidth_NVNT_ANT1_802_11n(HT40)_2422



-6dB_Bandwidth_NVNT_ANT1_802_11n(HT40)_2437

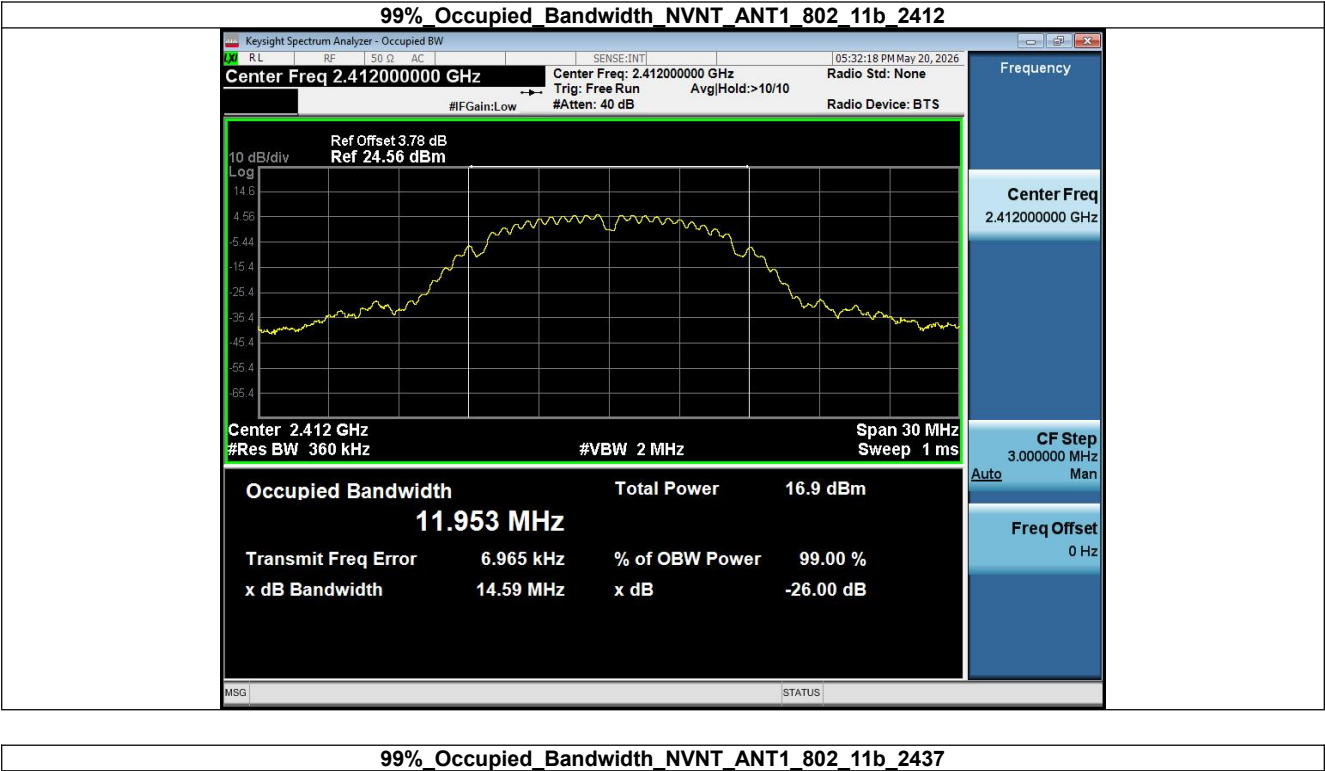


-6dB_Bandwidth_NVNT_ANT1_802_11n(HT40)_2452



2. 99% Occupied Bandwidth

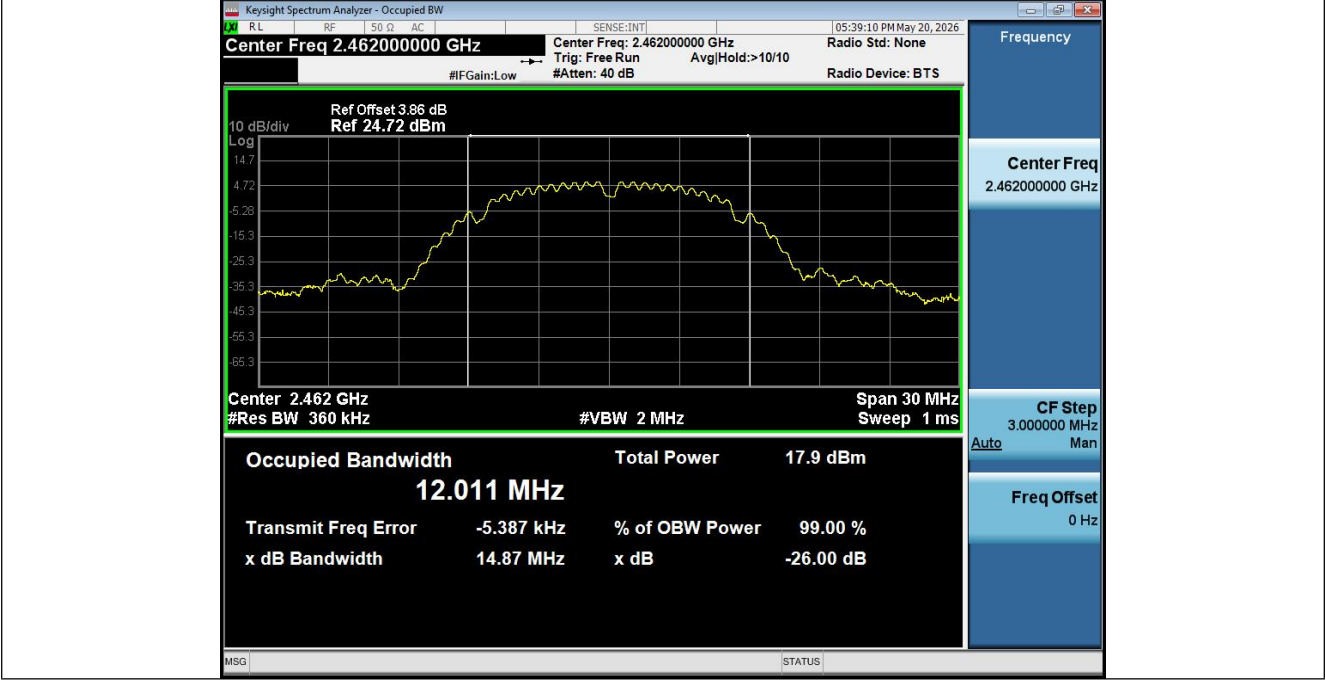
Condition	Antenna	Modulation	Frequency (MHz)	99% BW (MHz)
NVNT	ANT1	802.11b	2412.00	11.953
NVNT	ANT1	802.11b	2437.00	12.106
NVNT	ANT1	802.11b	2462.00	12.011
NVNT	ANT1	802.11g	2412.00	17.318
NVNT	ANT1	802.11g	2437.00	18.573
NVNT	ANT1	802.11g	2462.00	17.528
NVNT	ANT1	802.11n(HT20)	2412.00	17.818
NVNT	ANT1	802.11n(HT20)	2437.00	18.198
NVNT	ANT1	802.11n(HT20)	2462.00	17.995
NVNT	ANT1	802.11n(HT40)	2422.00	36.807
NVNT	ANT1	802.11n(HT40)	2437.00	36.309
NVNT	ANT1	802.11n(HT40)	2452.00	36.570



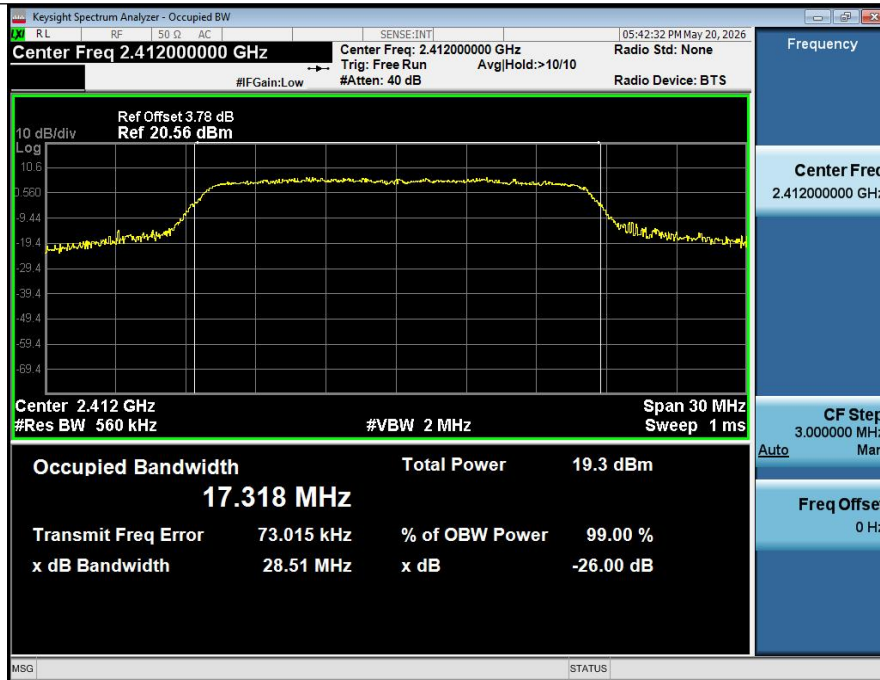
99% Occupied Bandwidth NVNT ANT1 802_11b_2437



99% Occupied Bandwidth_NVNT_ANT1_802_11b_2462



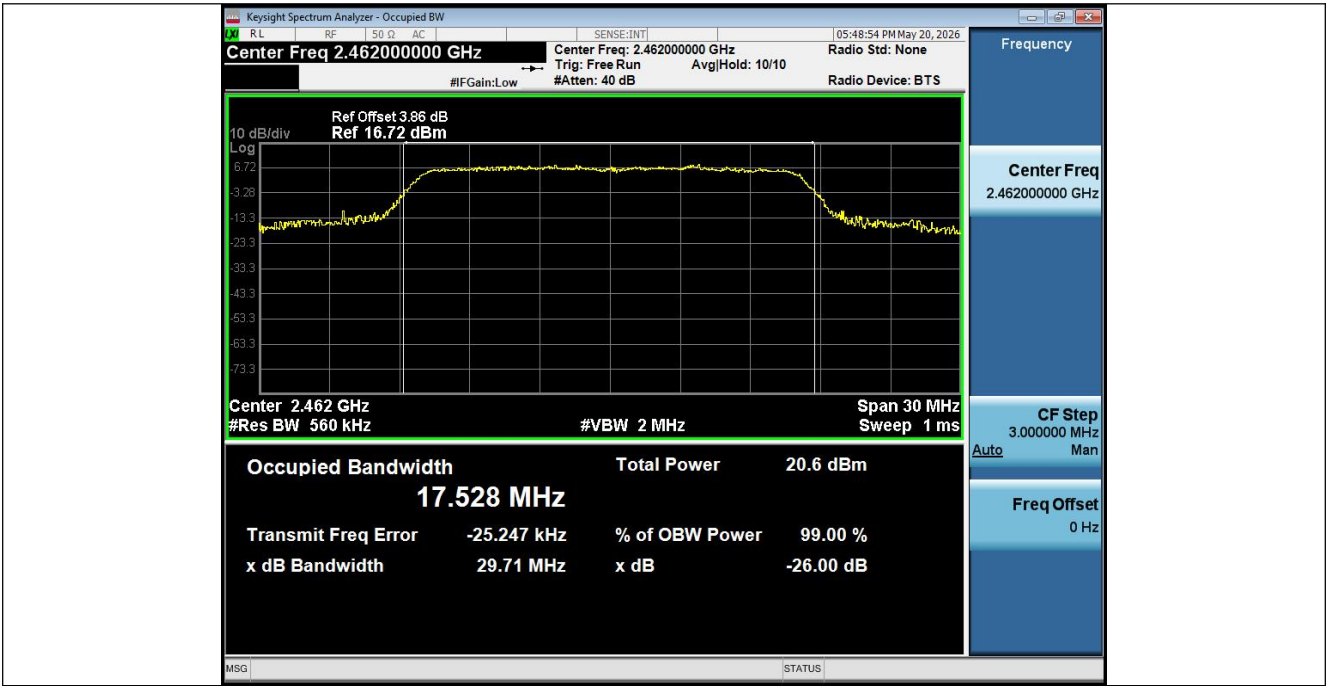
99% Occupied Bandwidth_NVNT_ANT1_802_11g_2412



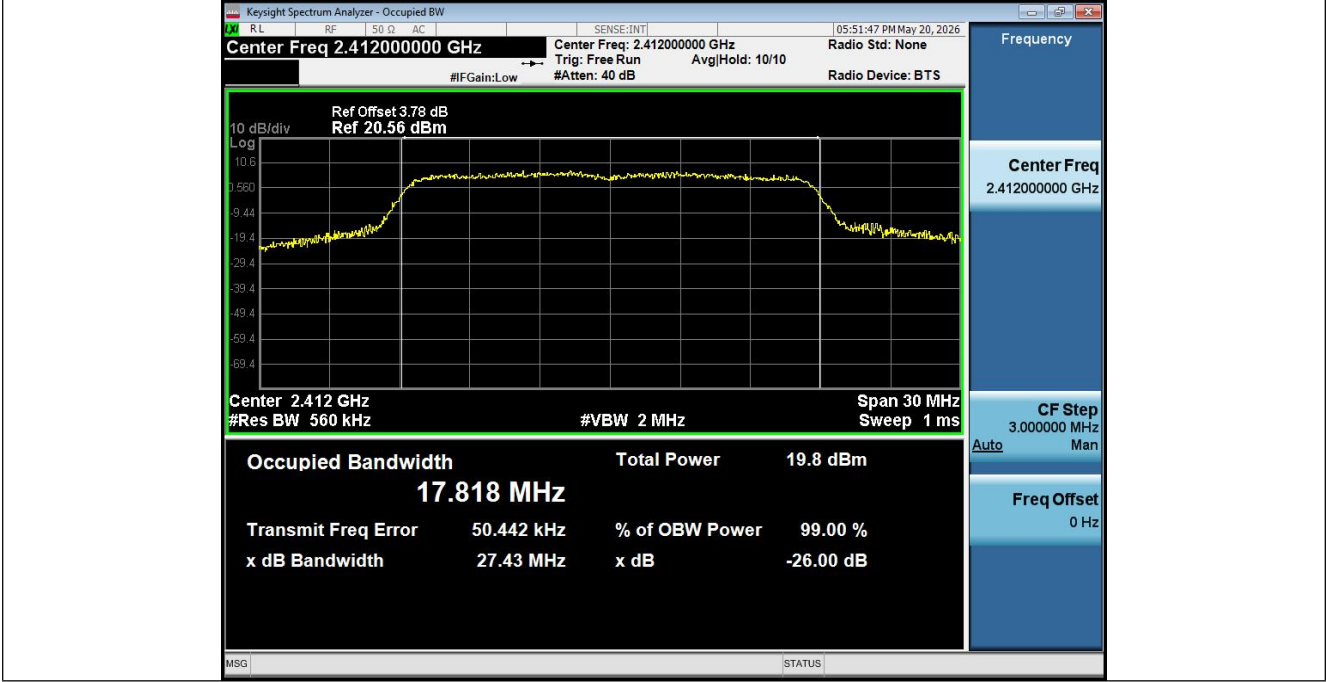
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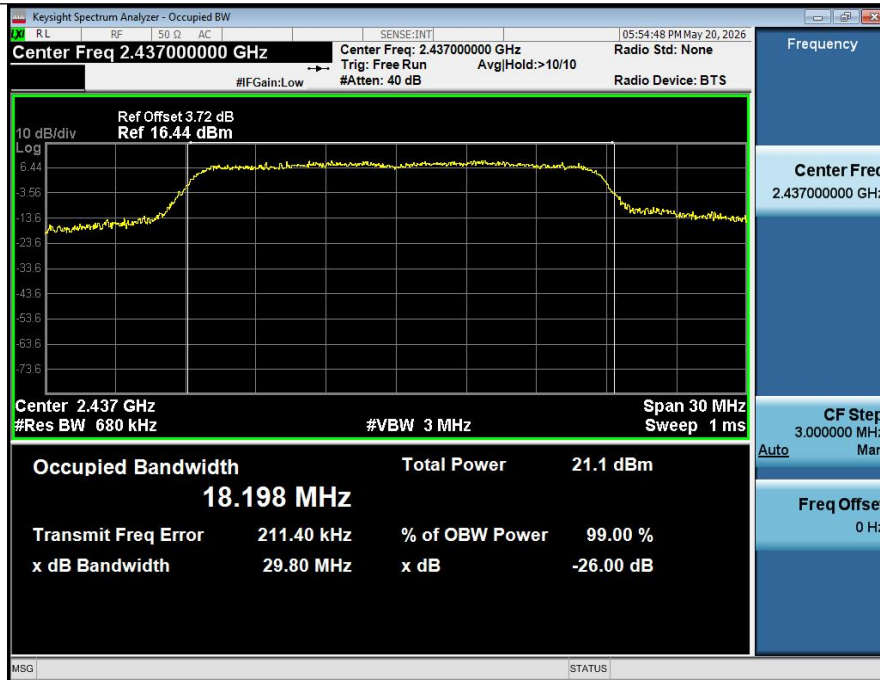
99%_Occupied_Bandwidth_NVNT_ANT1_802_11g_2462



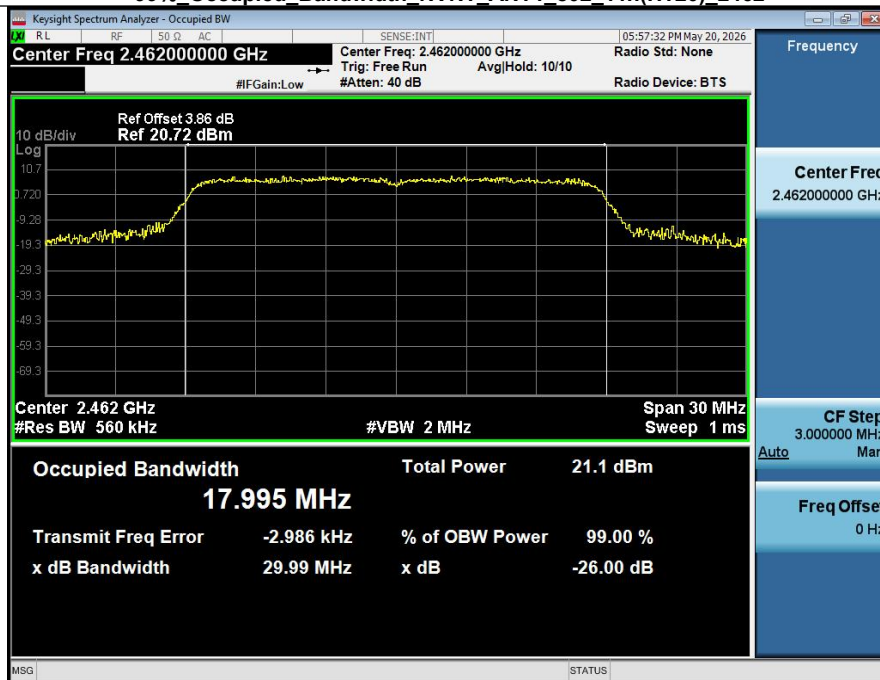
99%_Occupied_Bandwidth_NVNT_ANT1_802_11n(HT20)_2412



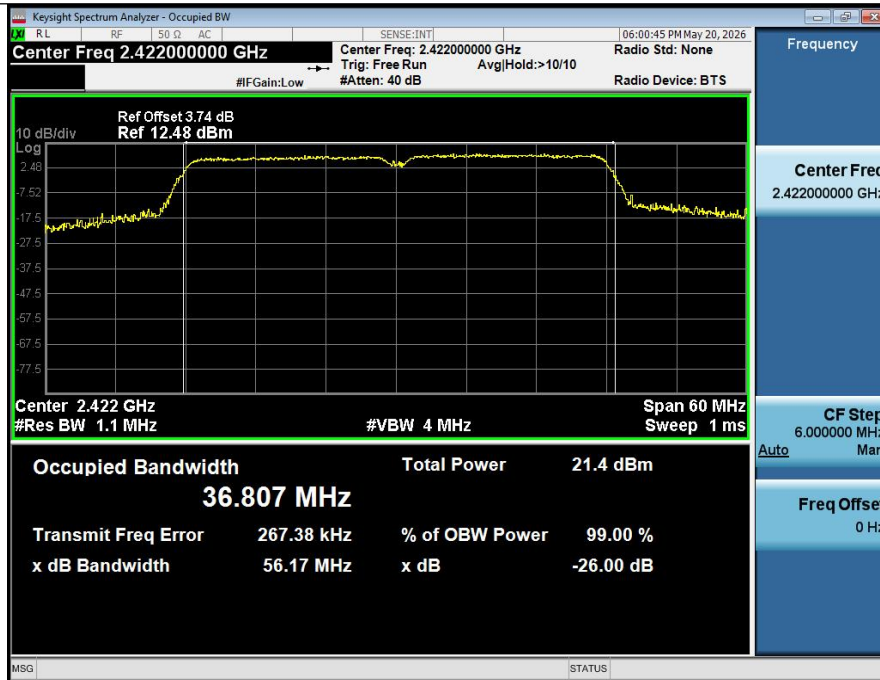
99%_Occupied_Bandwidth_NVNT_ANT1_802_11n(HT20)_2437



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

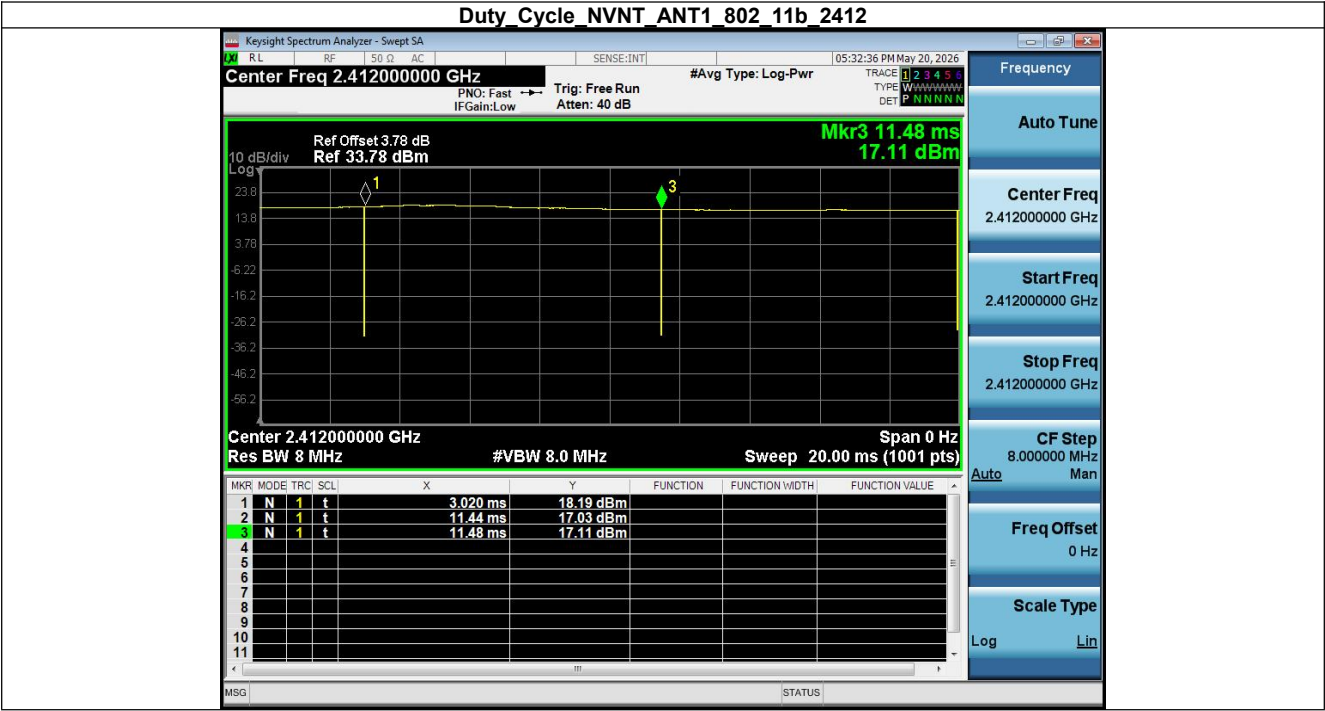


99%_Occupied_Bandwidth_NVNT_ANT1_802_11n(HT40)_2452

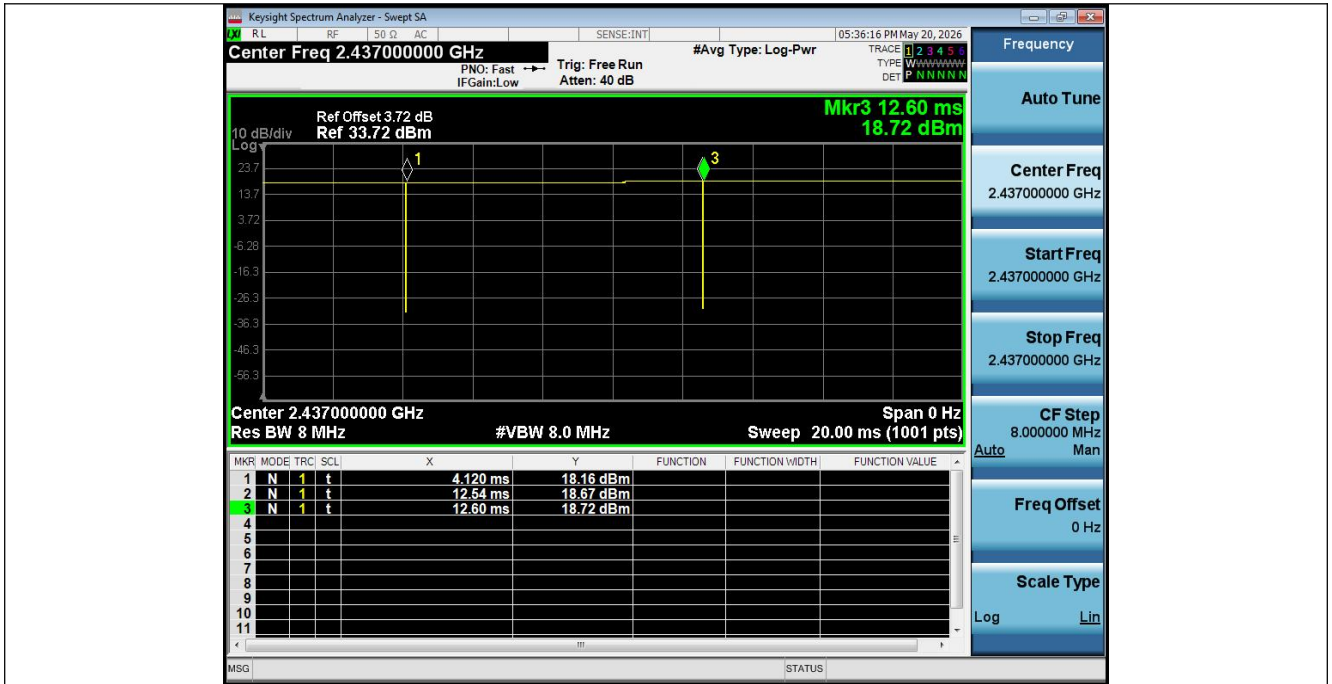


3. Duty Cycle

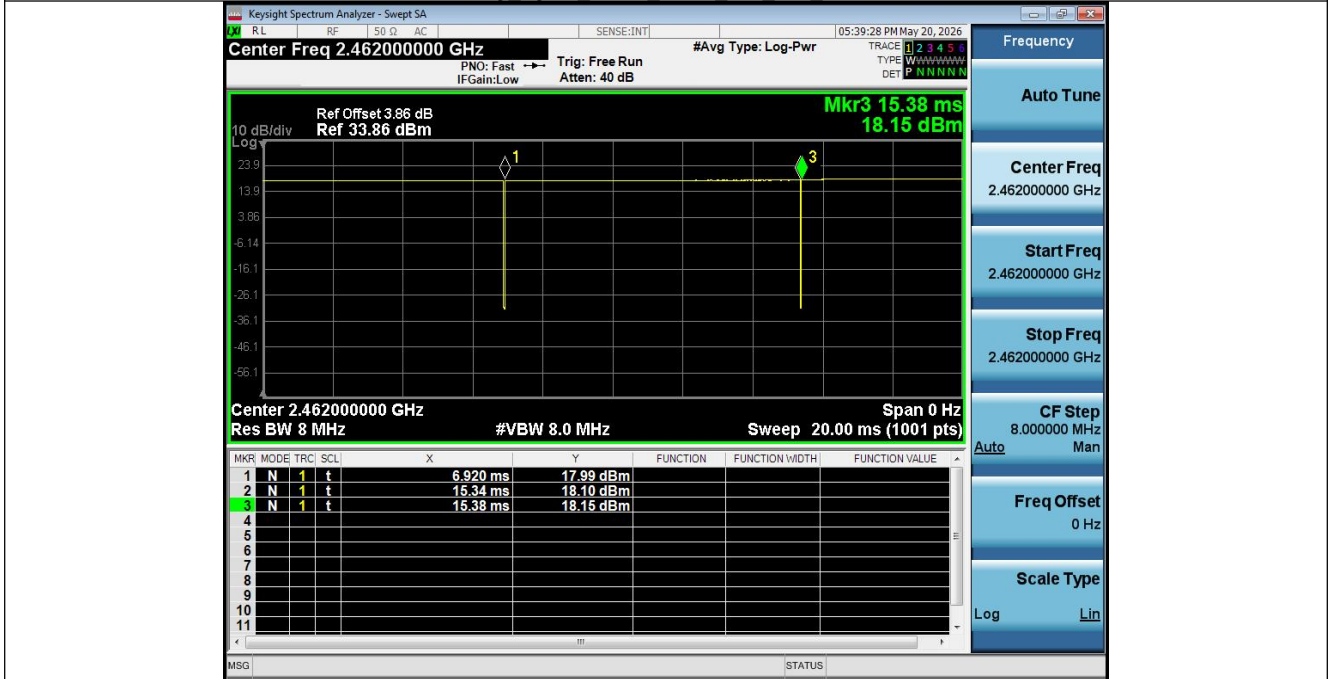
Condition	Antenna	Modulation	Frequency (MHz)	Duty cycle(%)	Duty factor(dB)
NVNT	ANT1	802.11b	2412.00	99.76	0.00
NVNT	ANT1	802.11b	2437.00	99.53	0.00
NVNT	ANT1	802.11b	2462.00	99.76	0.00
NVNT	ANT1	802.11g	2412.00	98.61	0.00
NVNT	ANT1	802.11g	2437.00	97.26	0.12
NVNT	ANT1	802.11g	2462.00	97.26	0.12
NVNT	ANT1	802.11n(HT20)	2412.00	98.36	0.00
NVNT	ANT1	802.11n(HT20)	2437.00	95.16	0.22
NVNT	ANT1	802.11n(HT20)	2462.00	96.77	0.14
NVNT	ANT1	802.11n(HT40)	2422.00	93.75	0.28
NVNT	ANT1	802.11n(HT40)	2437.00	93.75	0.28
NVNT	ANT1	802.11n(HT40)	2452.00	96.88	0.14



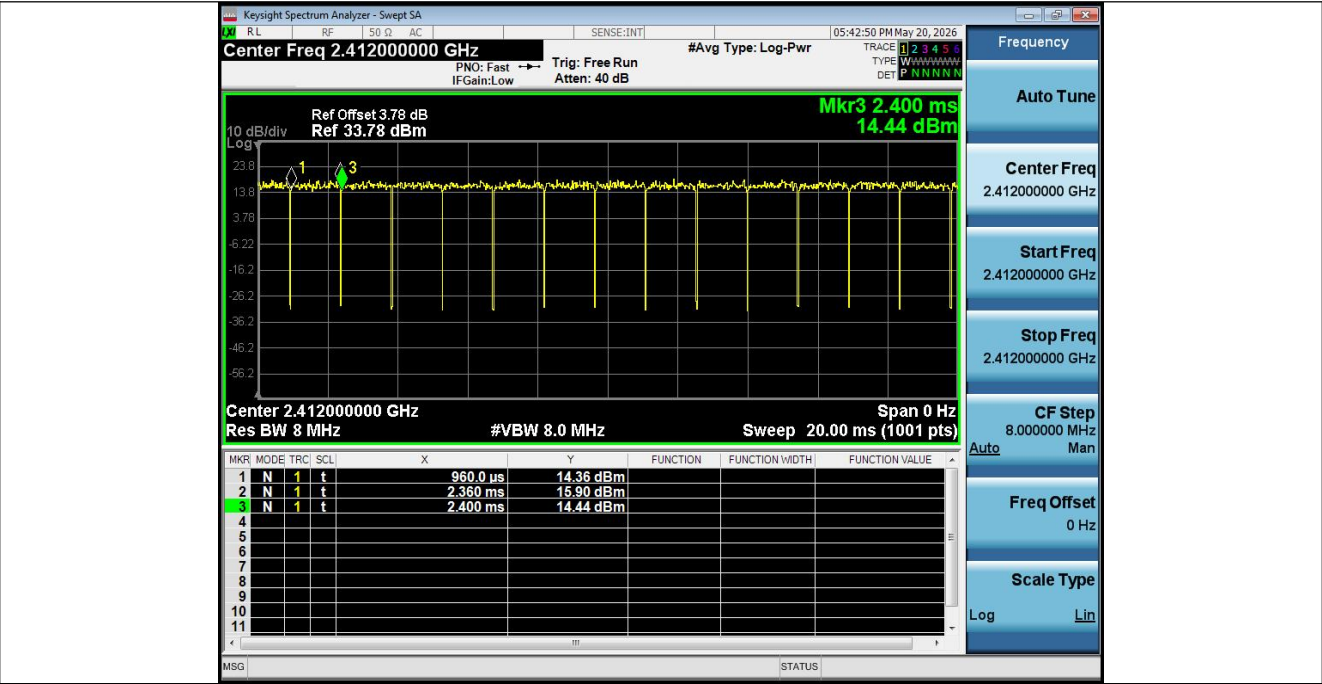
Duty Cycle NVNT ANT1 802 11b 2437



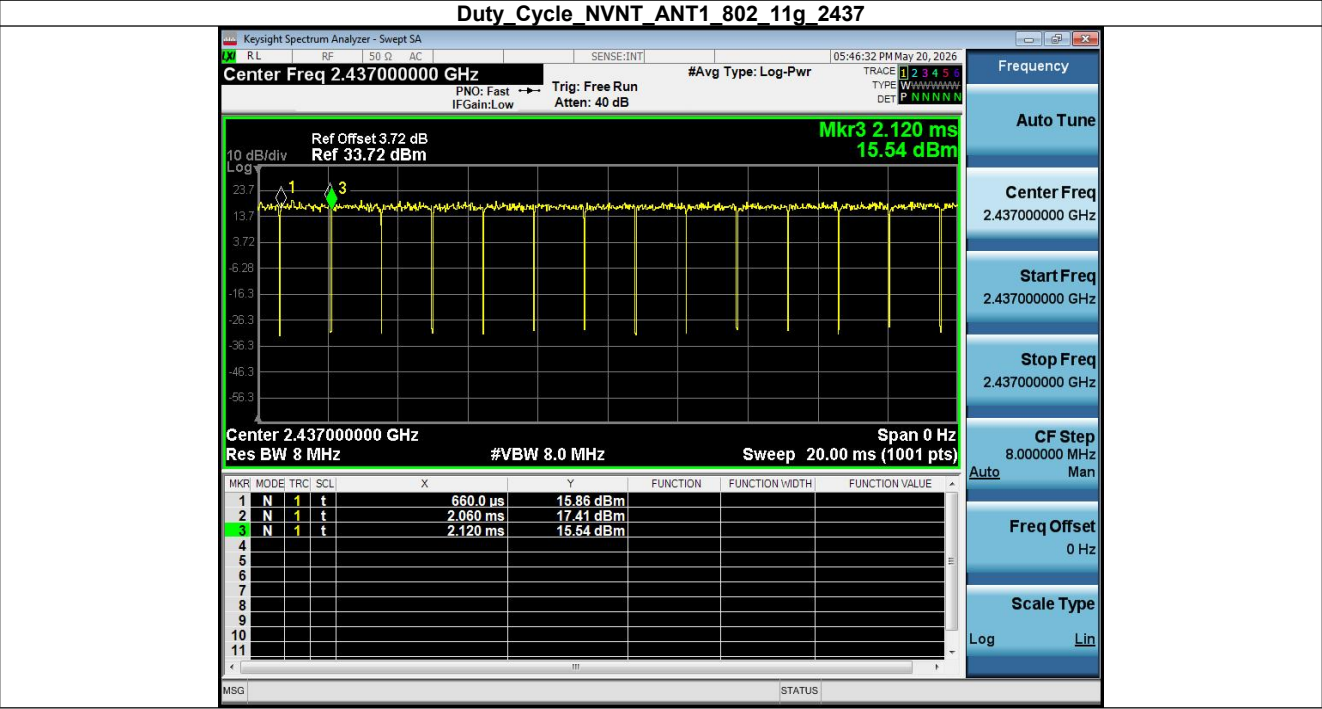
Duty_Cycle_NVNT_ANT1_802_11b_2462



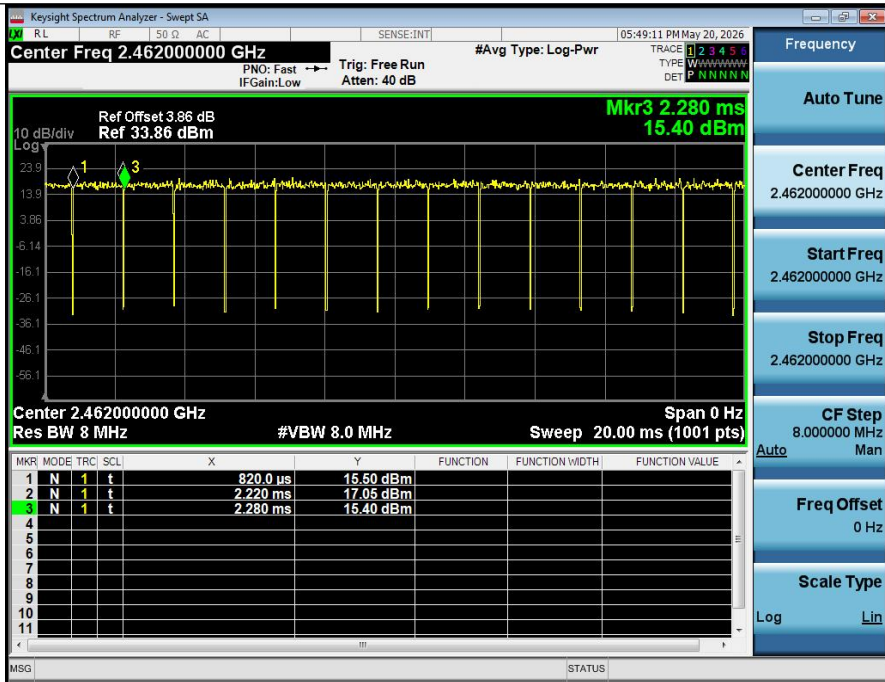
Duty_Cycle_NVNT_ANT1_802_11g_2412



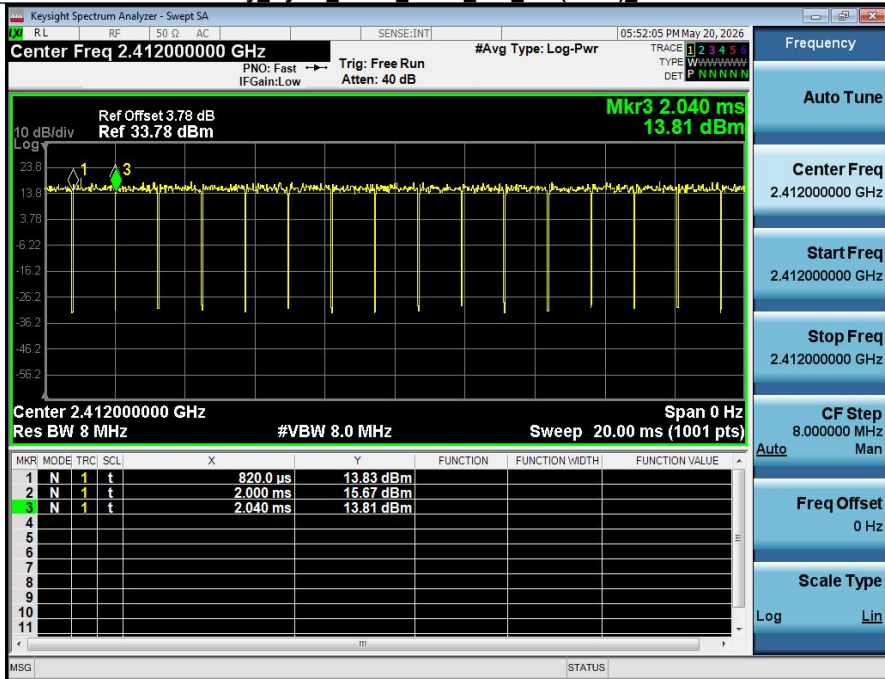
Duty_Cycle_NVNT_ANT1_802_11g_2437



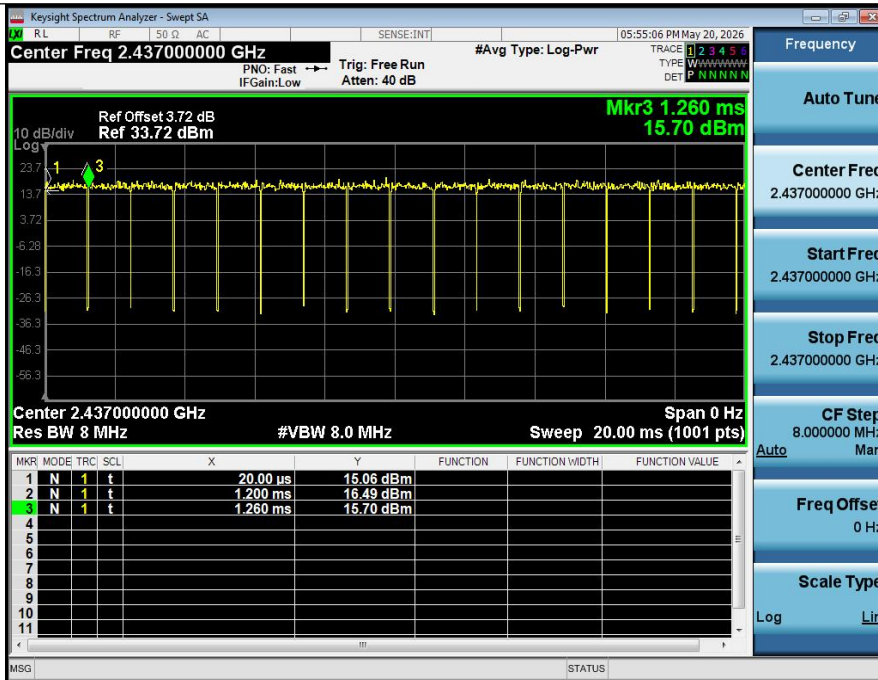
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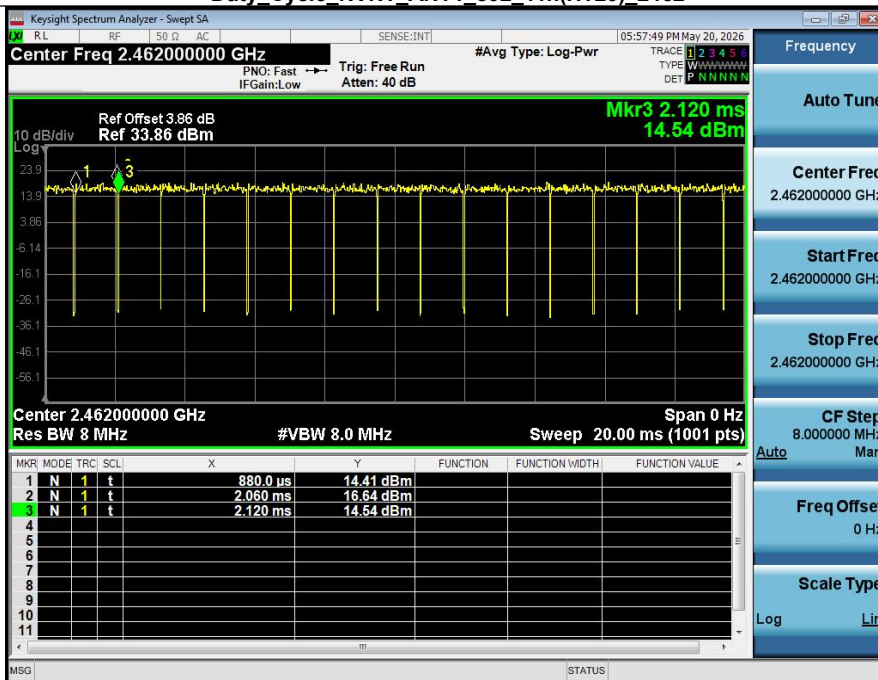
Duty_Cycle_NVNT_ANT1_802_11n(HT20)_2412



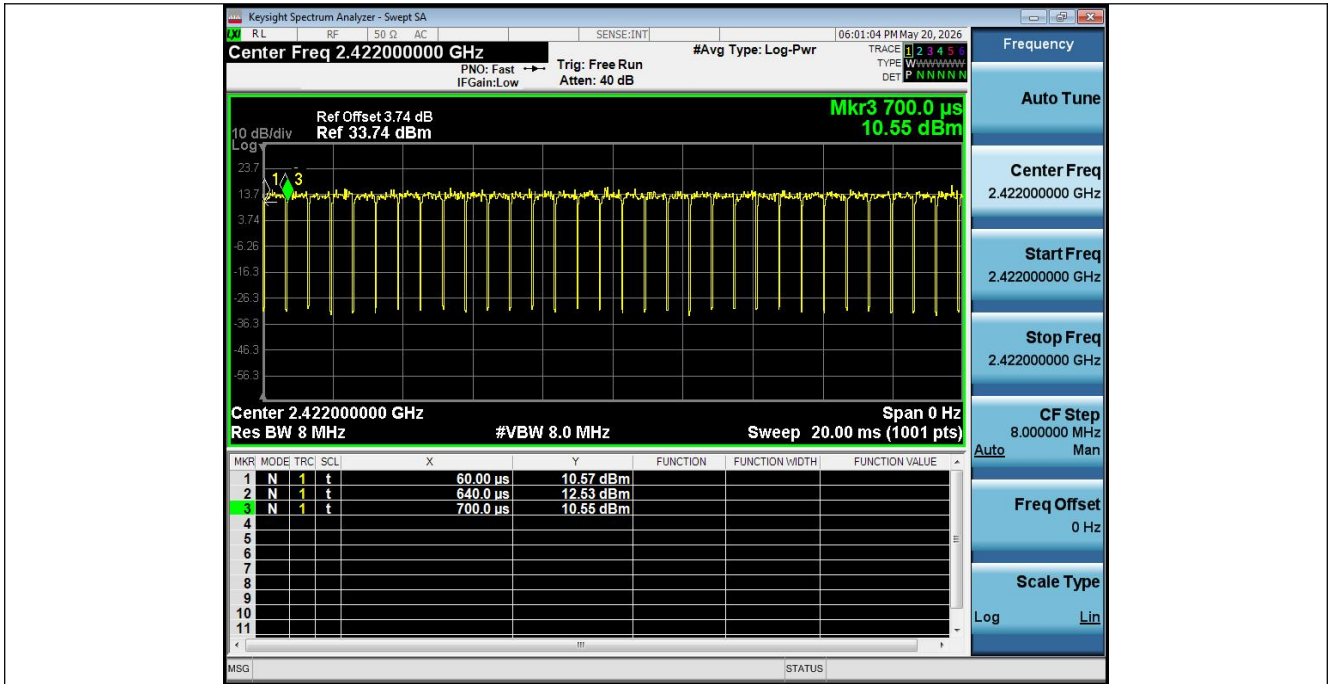
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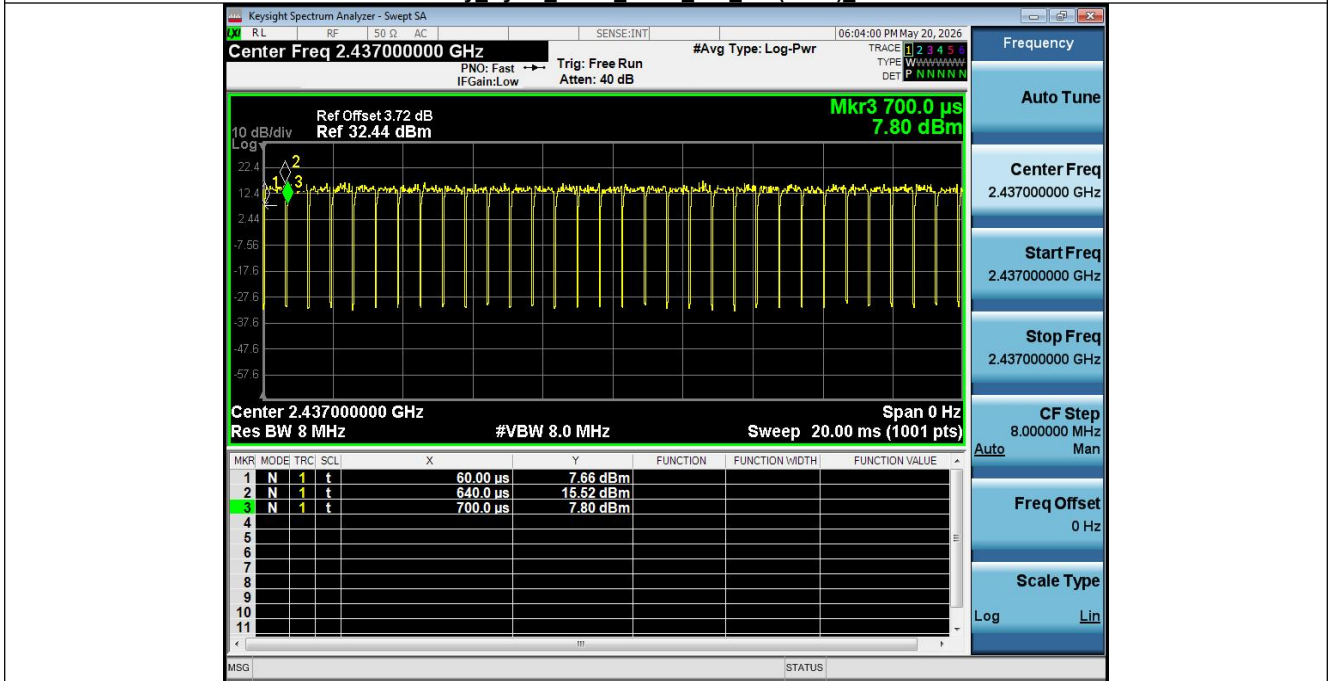
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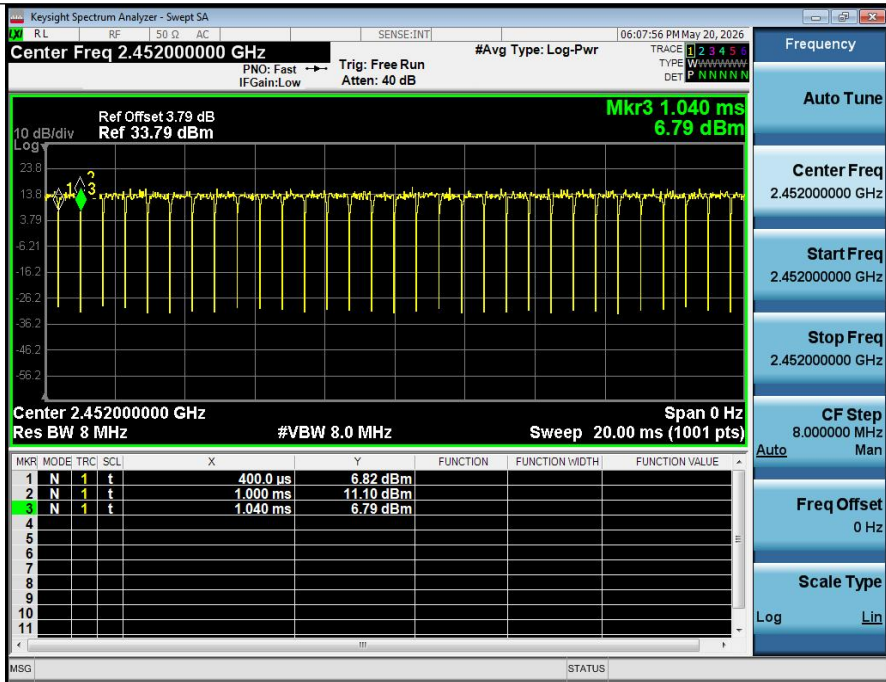
Duty_Cycle_NVNT_ANT1_802_11n(HT40)_2422



Duty_Cycle_NVNT_ANT1_802_11n(HT40)_2437



Duty_Cycle_NVNT_ANT1_802_11n(HT40)_2452



4. MAX. Output Power

Condition	Antenna	Modulation	Frequency (MHz)	Detector	Conducted Power(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11b	2412.00	Peak	15.99	30	Pass
NVNT	ANT1	802.11b	2437.00	Peak	17.54	30	Pass
NVNT	ANT1	802.11b	2462.00	Peak	17.29	30	Pass
NVNT	ANT1	802.11g	2412.00	Peak	15.48	30	Pass
NVNT	ANT1	802.11g	2437.00	Peak	17.23	30	Pass
NVNT	ANT1	802.11g	2462.00	Peak	17.08	30	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	Peak	15.18	30	Pass
NVNT	ANT1	802.11n(HT20)	2437.00	Peak	17.41	30	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	Peak	17.22	30	Pass
NVNT	ANT1	802.11n(HT40)	2422.00	Peak	14.27	30	Pass
NVNT	ANT1	802.11n(HT40)	2437.00	Peak	16.32	30	Pass
NVNT	ANT1	802.11n(HT40)	2452.00	Peak	16.05	30	Pass

5. Power Spectral Density

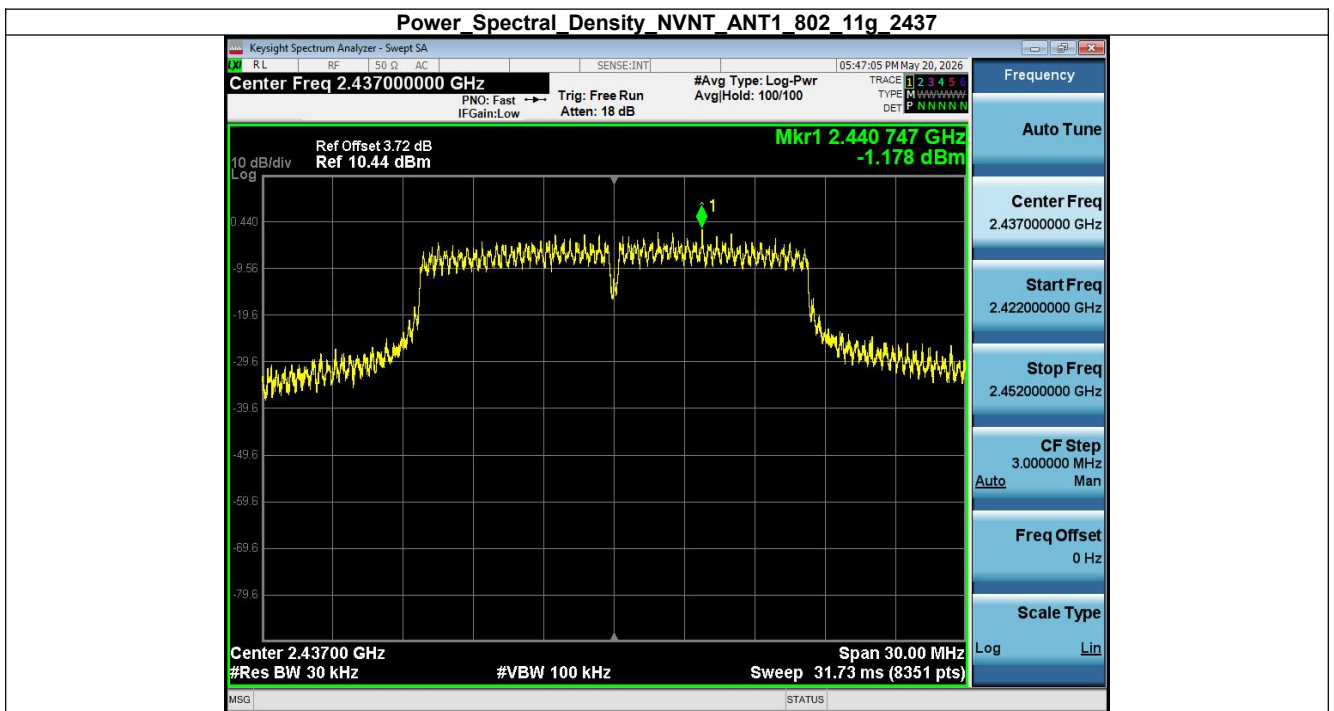
Condition	Antenna	Modulation	Frequency (MHz)	SA_PSD(dBm/30kHz)	RB factor(dB)	PSD(dBm/3kHz)	limit(dBm/3kHz)	Result
NVNT	ANT1	802.11b	2412.00	1.27	-10.00	-8.73	8	Pass
NVNT	ANT1	802.11b	2437.00	2.13	-10.00	-7.87	8	Pass
NVNT	ANT1	802.11b	2462.00	2.30	-10.00	-7.70	8	Pass
NVNT	ANT1	802.11g	2412.00	-3.38	-10.00	-13.38	8	Pass
NVNT	ANT1	802.11g	2437.00	-1.18	-10.00	-11.18	8	Pass
NVNT	ANT1	802.11g	2462.00	-1.64	-10.00	-11.64	8	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	-4.02	-10.00	-14.02	8	Pass
NVNT	ANT1	802.11n(HT20)	2437.00	-2.67	-10.00	-12.67	8	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	-2.63	-10.00	-12.63	8	Pass
NVNT	ANT1	802.11n(HT40)	2422.00	-6.08	-10.00	-16.08	8	Pass
NVNT	ANT1	802.11n(HT40)	2437.00	-5.53	-10.00	-15.53	8	Pass
NVNT	ANT1	802.11n(HT40)	2452.00	-5.82	-10.00	-15.82	8	Pass



Power_Spectral_Density_NVNT_ANT1_802_11b_2437



Power_Spectral_Density_NVNT_ANT1_802_11g_2412



Power Spectral Density NVNT_ANT1_802_11g_2462