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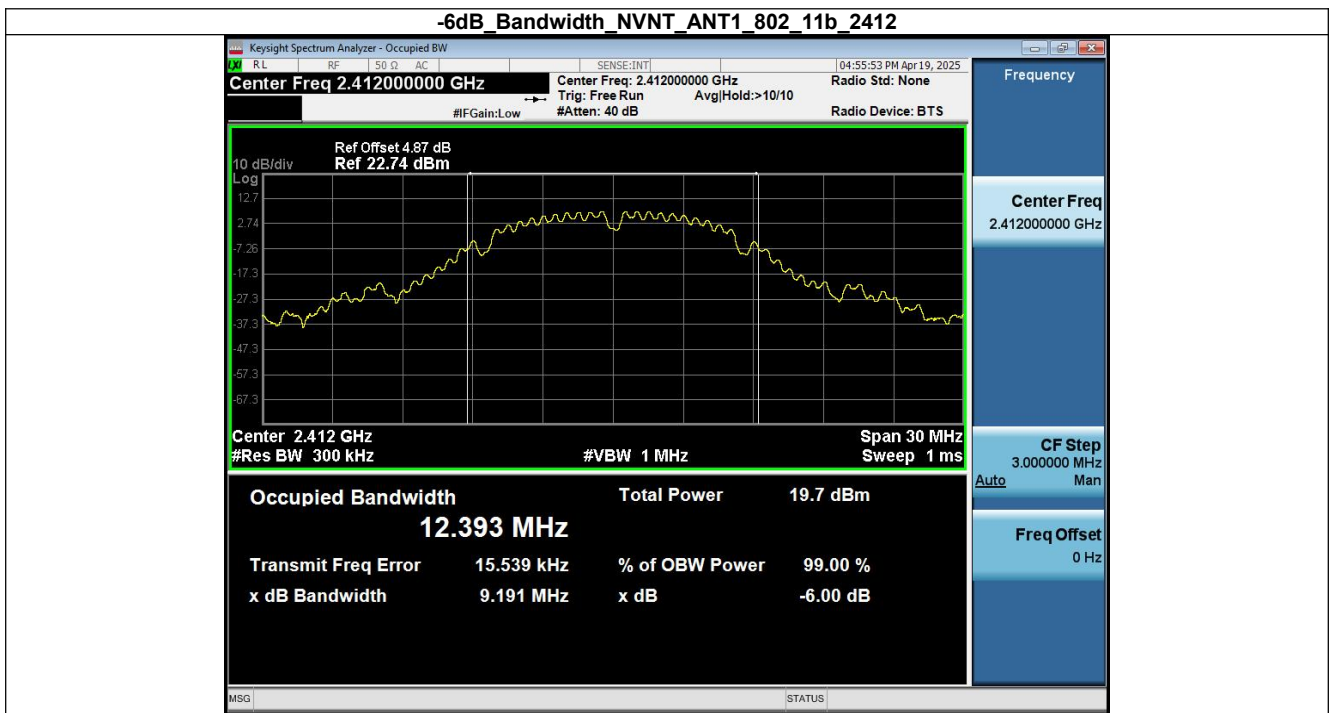
6. Spurious Emission32

FCC ID:2AYE6-FP221

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	9.19	500	Pass
NVNT	ANT1	802.11b	2437.00	9.15	500	Pass
NVNT	ANT1	802.11b	2462.00	9.22	500	Pass
NVNT	ANT1	802.11g	2412.00	16.44	500	Pass
NVNT	ANT1	802.11g	2437.00	16.50	500	Pass
NVNT	ANT1	802.11g	2462.00	16.35	500	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	17.32	500	Pass
NVNT	ANT1	802.11n(HT20)	2437.00	17.41	500	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	17.19	500	Pass
NVNT	ANT1	802.11n(HT40)	2422.00	36.29	500	Pass
NVNT	ANT1	802.11n(HT40)	2437.00	36.20	500	Pass
NVNT	ANT1	802.11n(HT40)	2452.00	36.39	500	Pass

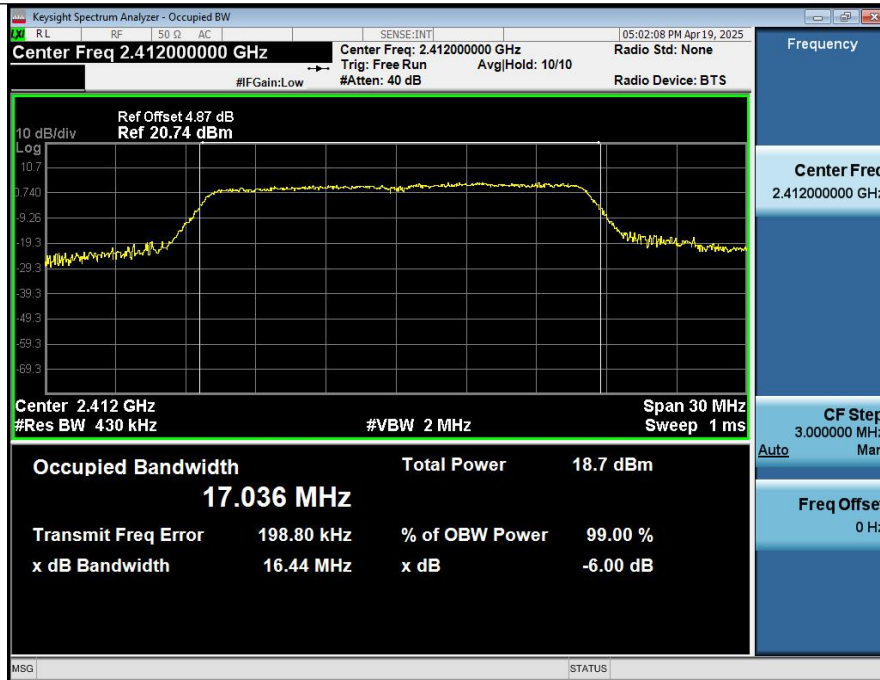




-6dB Bandwidth NVNT_ANT1_802_11b_2462



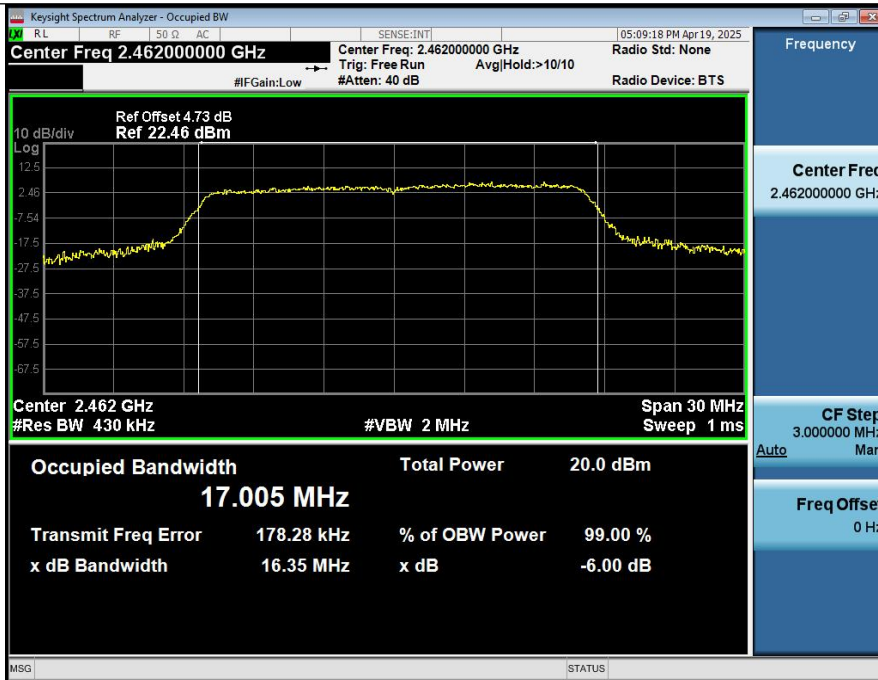
-6dB Bandwidth NVNT_ANT1_802_11g_2412



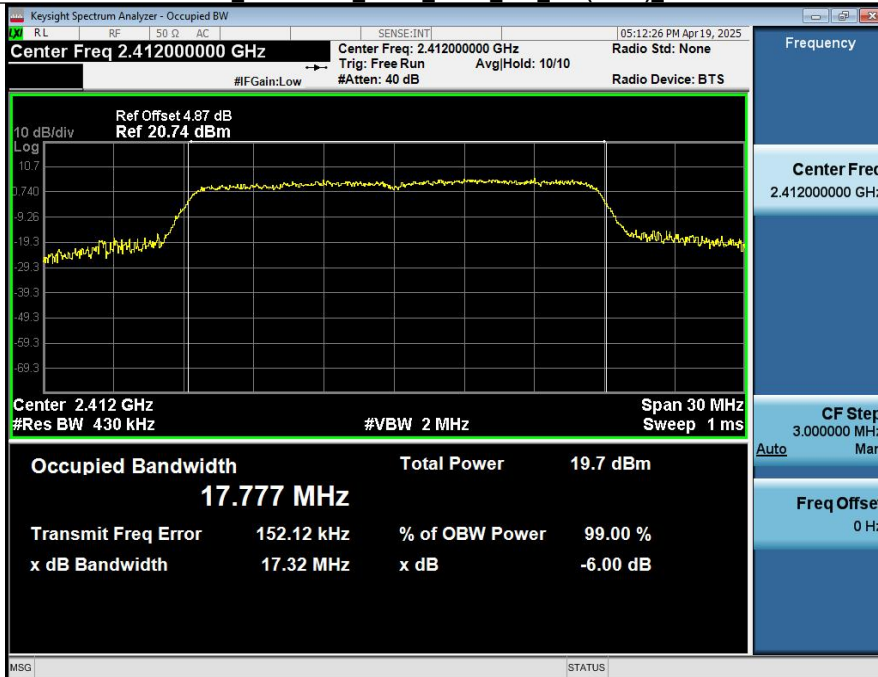
-6dB_Bandwidth_NVNT_ANT1_802_11g_2437



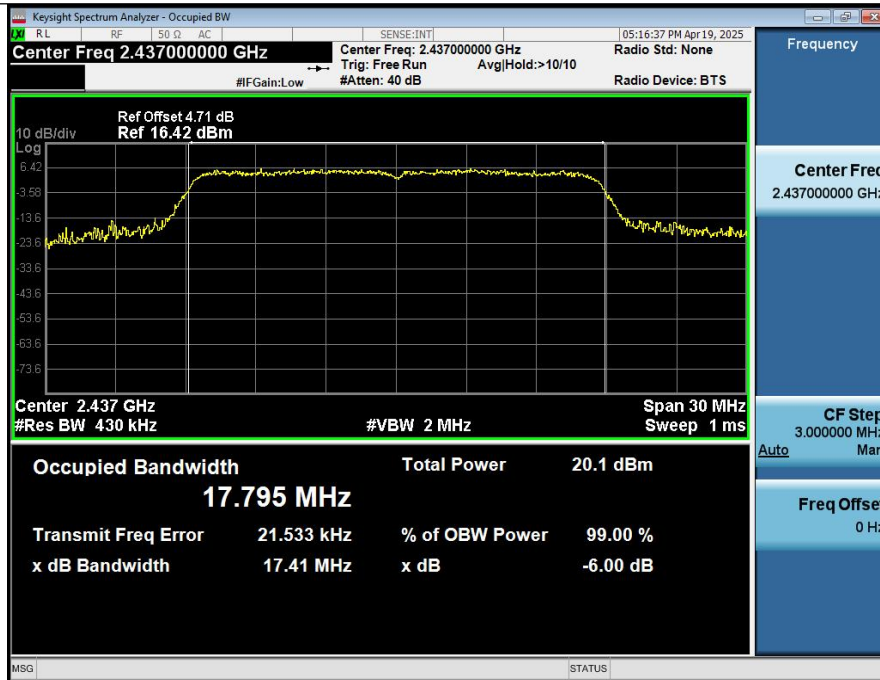
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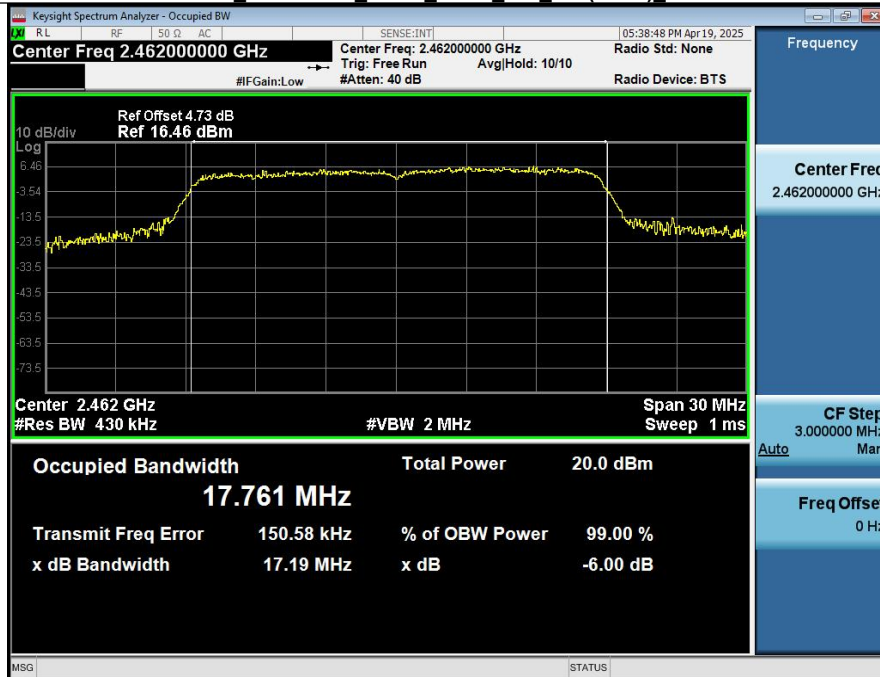
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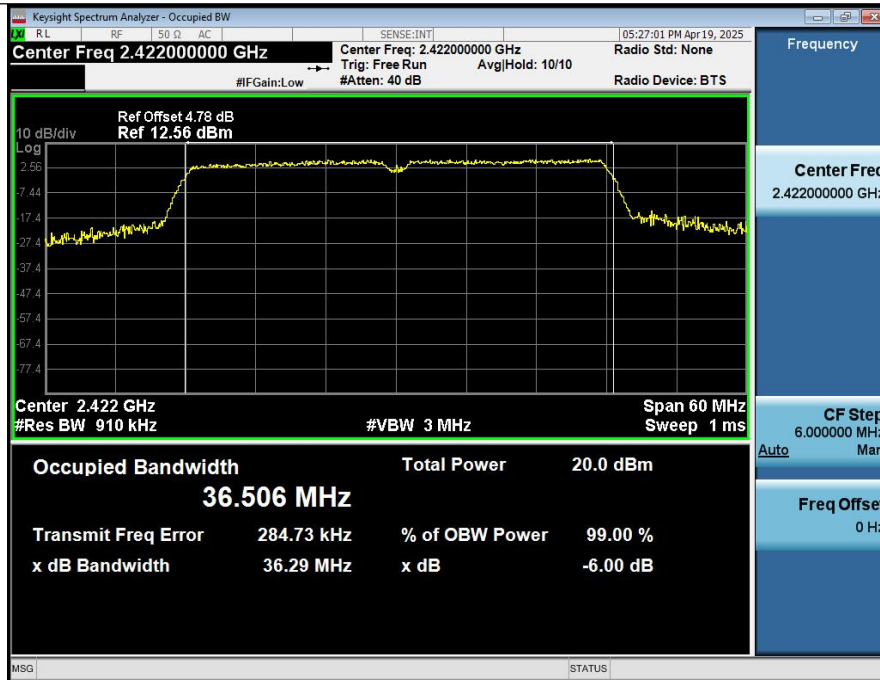
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-6dB_Bandwidth_NVNT_ANT1_802_11n(HT20)_2462



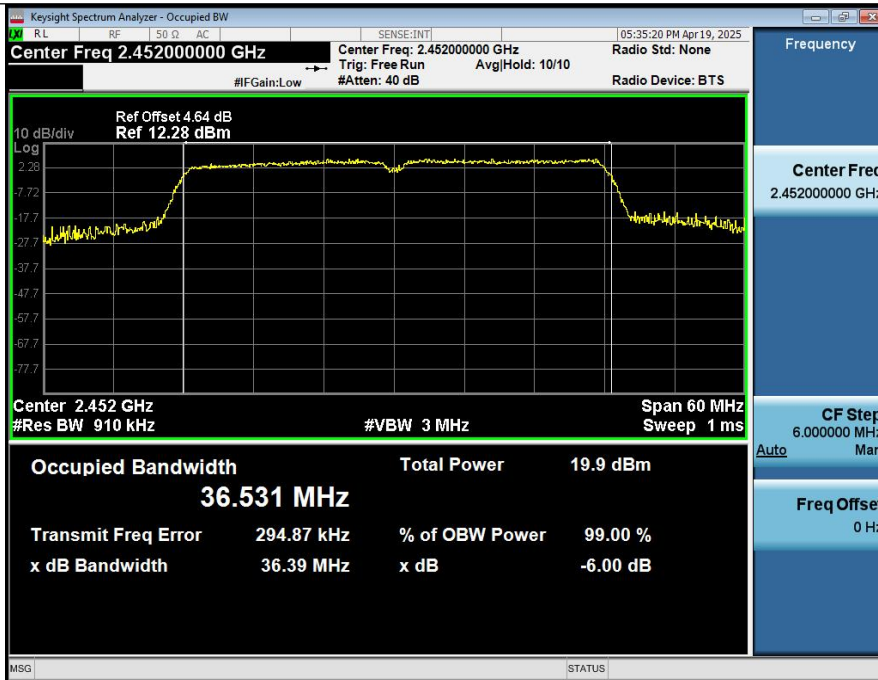
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-6dB_Bandwidth_NVNT_ANT1_802_11n(HT40)_2437



-6dB_Bandwidth_NVNT_ANT1_802_11n(HT40)_2452

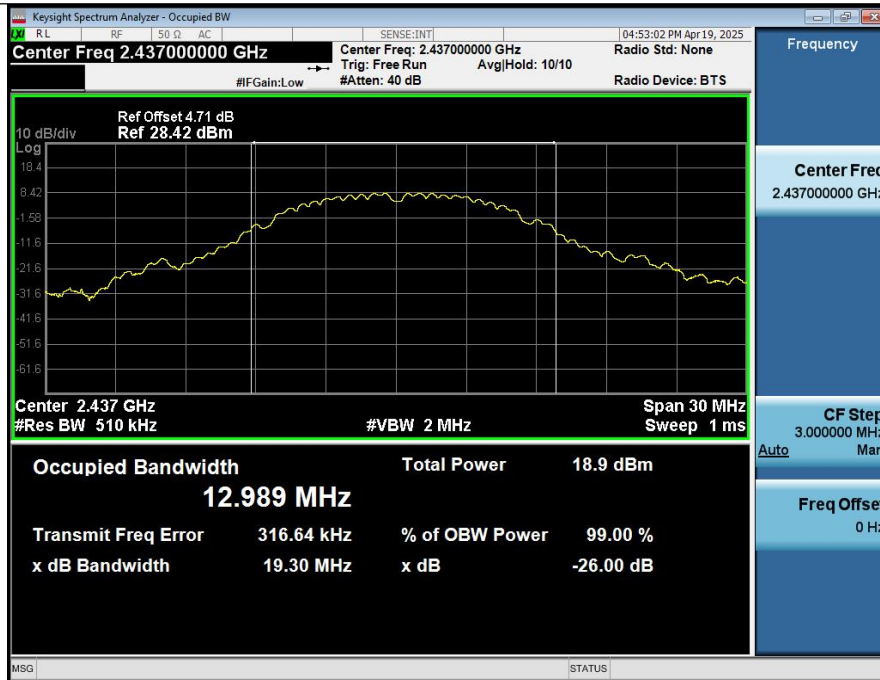


2. 99% Occupied Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	99% BW (MHz)
NVNT	ANT1	802.11b	2412.00	12.408
NVNT	ANT1	802.11b	2437.00	12.989
NVNT	ANT1	802.11b	2462.00	12.609
NVNT	ANT1	802.11g	2412.00	17.191
NVNT	ANT1	802.11g	2437.00	17.157
NVNT	ANT1	802.11g	2462.00	17.197
NVNT	ANT1	802.11n(HT20)	2412.00	17.915
NVNT	ANT1	802.11n(HT20)	2437.00	17.906
NVNT	ANT1	802.11n(HT20)	2462.00	17.776
NVNT	ANT1	802.11n(HT40)	2422.00	36.558
NVNT	ANT1	802.11n(HT40)	2437.00	36.548
NVNT	ANT1	802.11n(HT40)	2452.00	36.513



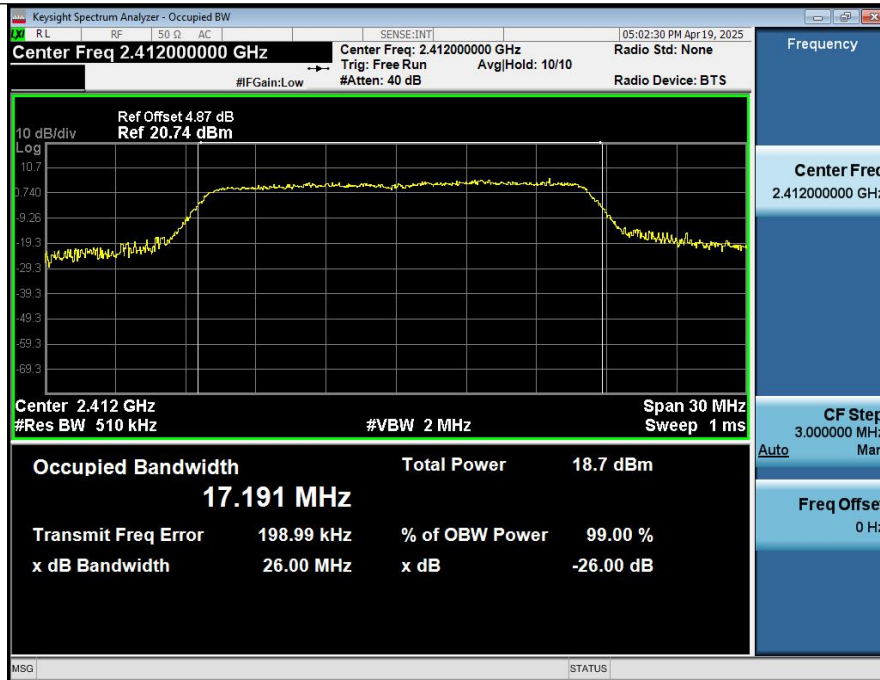
99% Occupied Bandwidth NVNT ANT1 802_11b_2437



99% Occupied Bandwidth NVNT ANT1_802_11b_2462



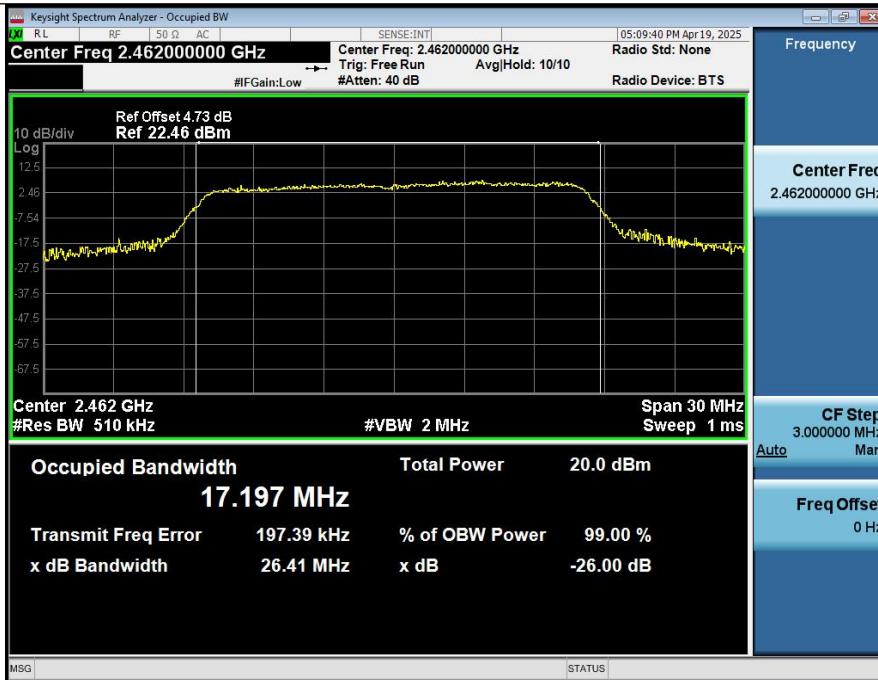
99% Occupied Bandwidth NVNT ANT1_802_11g_2412



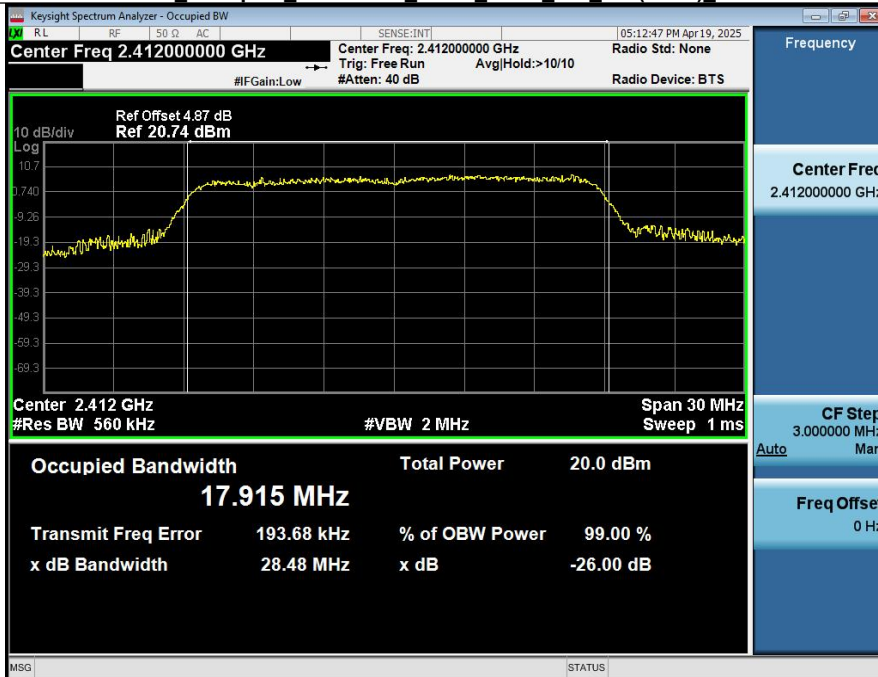
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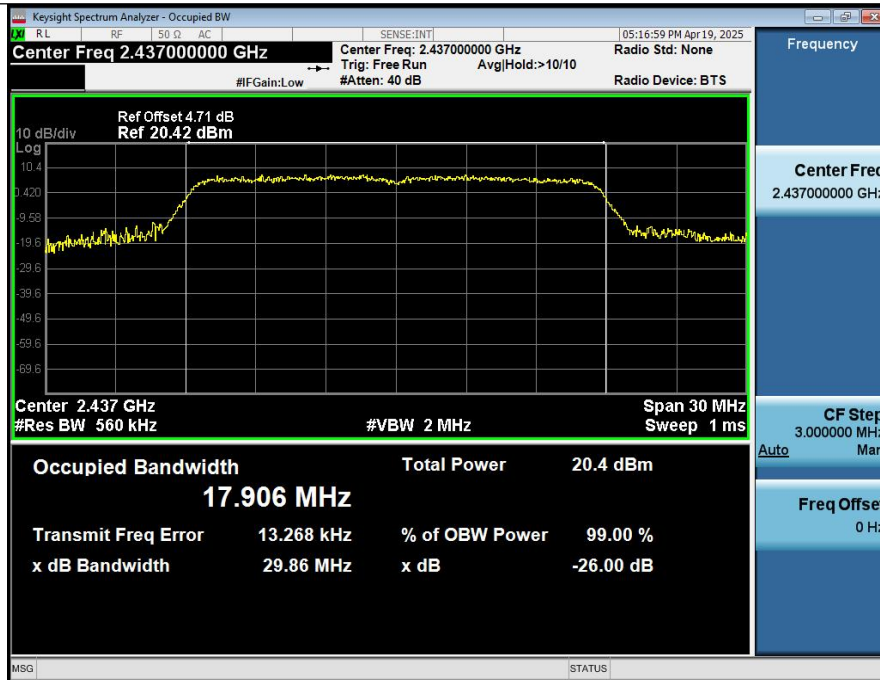
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99%_Occupied_Bandwidth_NVNT_ANT1_802_11n(HT20)_2412



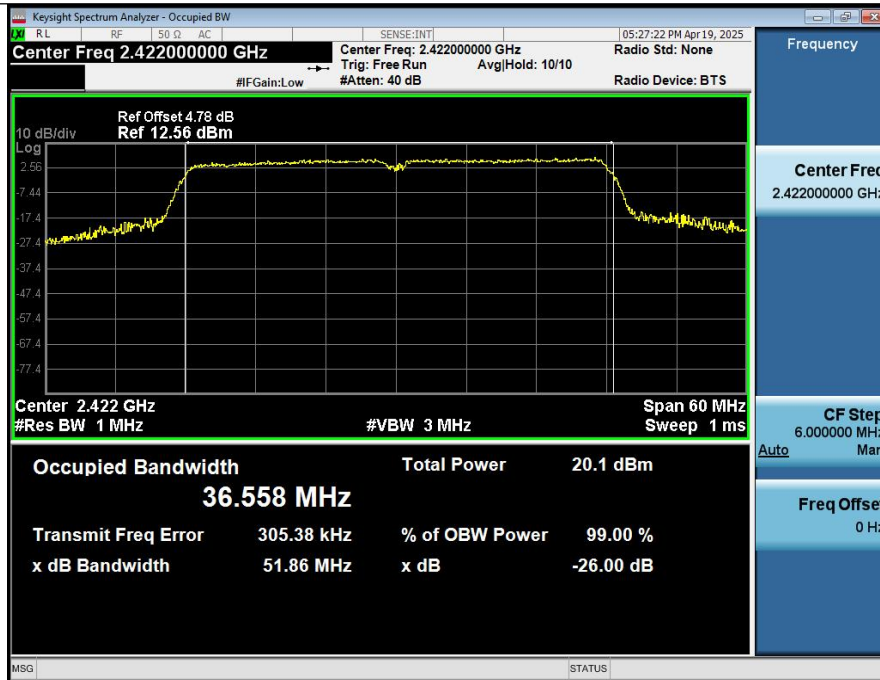
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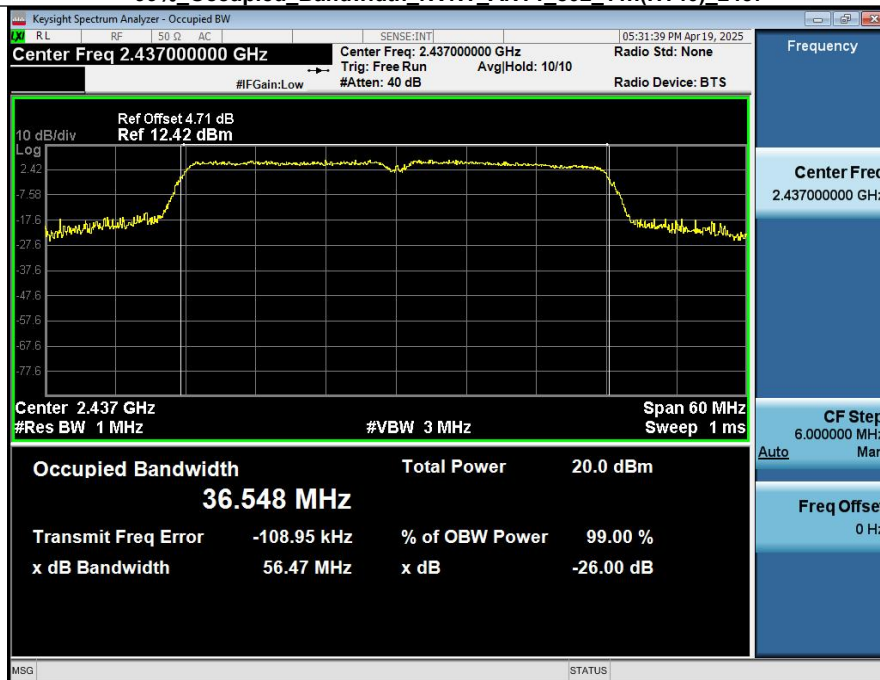
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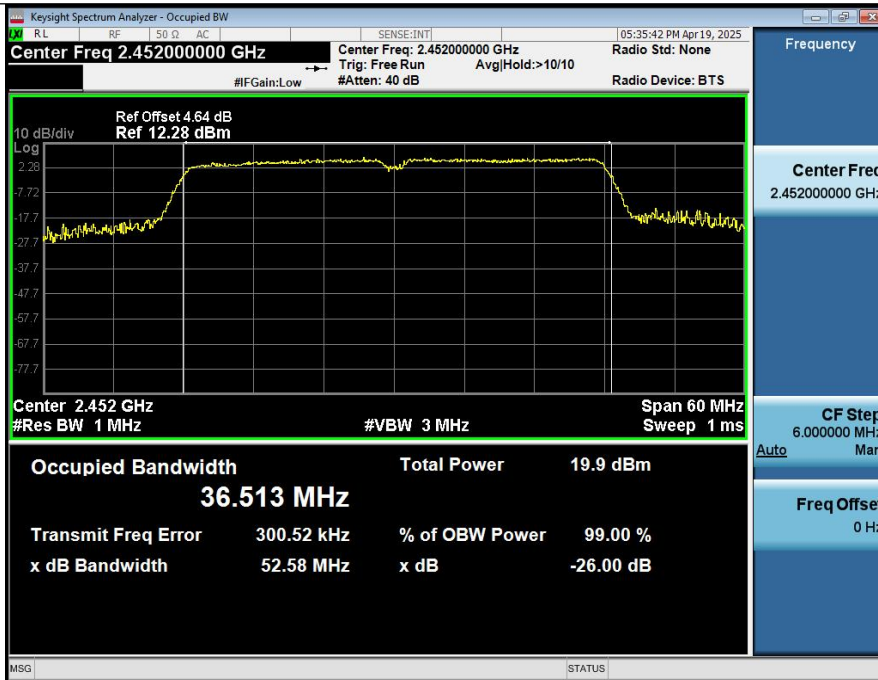
99%_Occupied_Bandwidth_NVNT_ANT1_802_11n(HT40)_2422



99%_Occupied_Bandwidth_NVNT_ANT1_802_11n(HT40)_2437



99%_Occupied_Bandwidth_NVNT_ANT1_802_11n(HT40)_2452



3. MAX. Output Power

Condition	Antenna	Modulation	Frequency (MHz)	Detector	Conducted Power(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11b	2412.00	Peak	18.25	30	Pass
NVNT	ANT1	802.11b	2437.00	Peak	18.91	30	Pass
NVNT	ANT1	802.11b	2462.00	Peak	19.16	30	Pass
NVNT	ANT1	802.11g	2412.00	Peak	18.28	30	Pass
NVNT	ANT1	802.11g	2437.00	Peak	18.72	30	Pass
NVNT	ANT1	802.11g	2462.00	Peak	19.57	30	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	Peak	19.31	30	Pass
NVNT	ANT1	802.11n(HT20)	2437.00	Peak	19.73	30	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	Peak	19.64	30	Pass
NVNT	ANT1	802.11n(HT40)	2422.00	Peak	19.09	30	Pass
NVNT	ANT1	802.11n(HT40)	2437.00	Peak	19.02	30	Pass
NVNT	ANT1	802.11n(HT40)	2452.00	Peak	18.98	30	Pass

4. Power Spectral Density

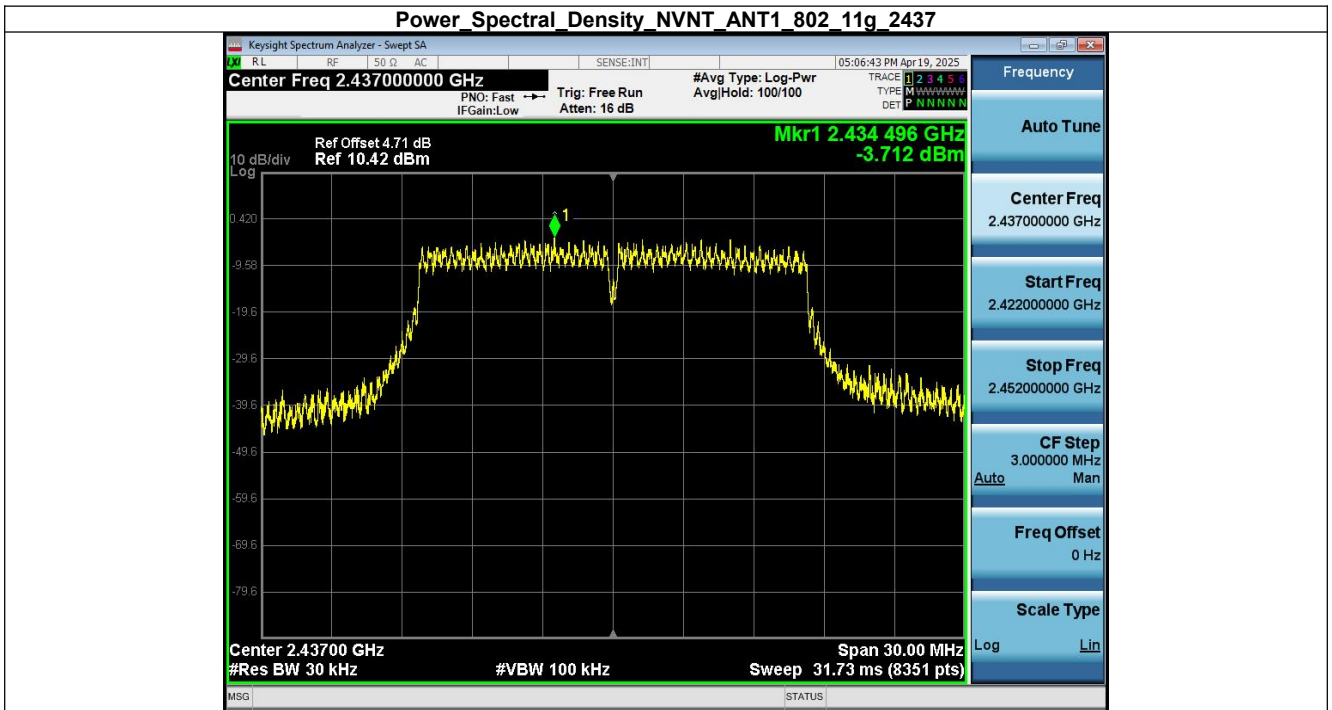
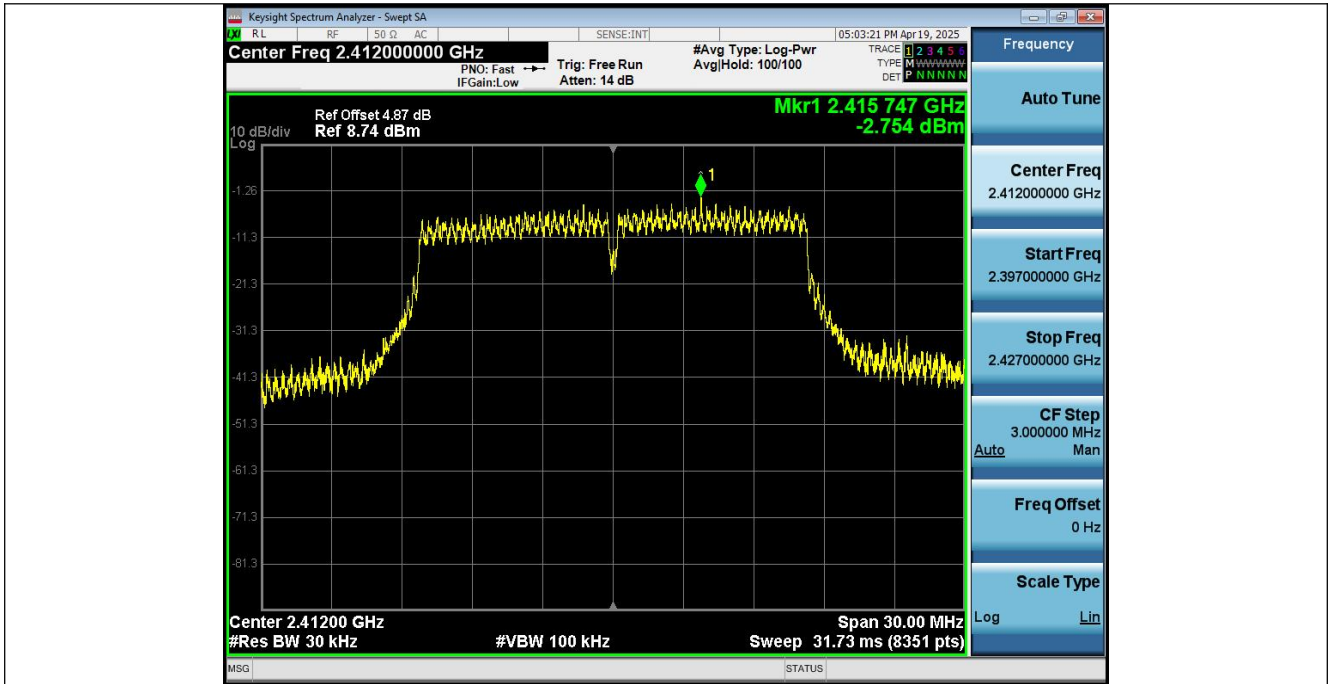
Condition	Antenna	Modulation	Frequency (MHz)	SA_PSD(dBm/30kHz)	RB factor(dB)	PSD(dBm/3kHz)	limit(dBm/3kHz)	Result
NVNT	ANT1	802.11b	2412.00	3.68	-10.00	-6.32	8	Pass
NVNT	ANT1	802.11b	2437.00	5.31	-10.00	-4.69	8	Pass
NVNT	ANT1	802.11b	2462.00	4.15	-10.00	-5.85	8	Pass
NVNT	ANT1	802.11g	2412.00	-2.75	-10.00	-12.75	8	Pass
NVNT	ANT1	802.11g	2437.00	-3.71	-10.00	-13.71	8	Pass
NVNT	ANT1	802.11g	2462.00	-2.27	-10.00	-12.27	8	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	-3.66	-10.00	-13.66	8	Pass
NVNT	ANT1	802.11n(HT20)	2437.00	-3.44	-10.00	-13.44	8	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	-3.35	-10.00	-13.35	8	Pass
NVNT	ANT1	802.11n(HT40)	2422.00	-7.41	-10.00	-17.41	8	Pass
NVNT	ANT1	802.11n(HT40)	2437.00	-7.47	-10.00	-17.47	8	Pass
NVNT	ANT1	802.11n(HT40)	2452.00	-7.63	-10.00	-17.63	8	Pass



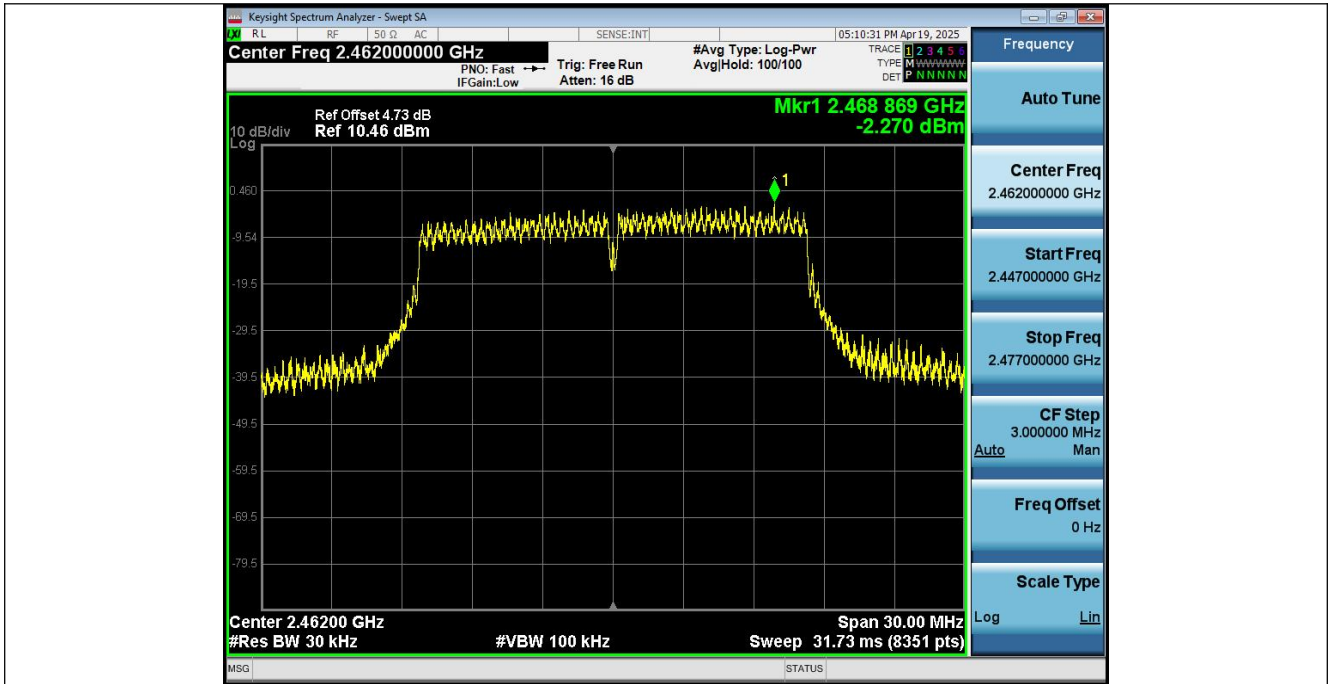
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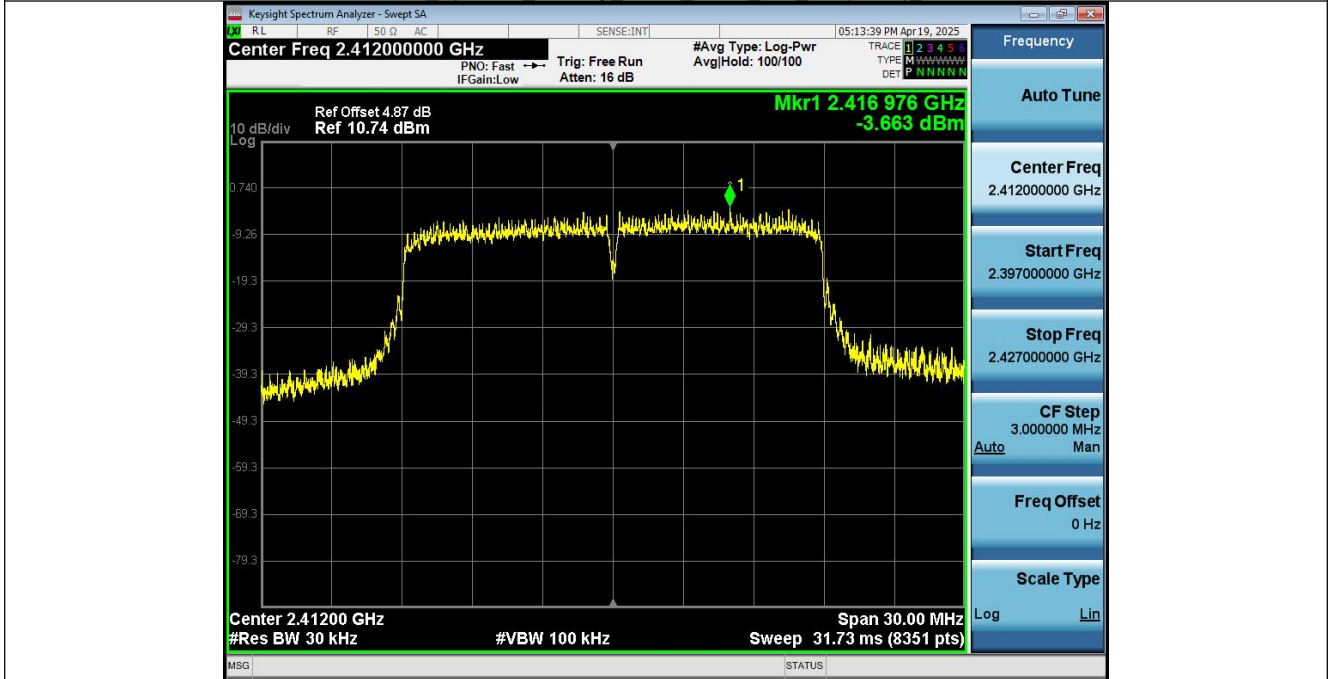
Power Spectral Density NVNT ANT1_802_11g_2412



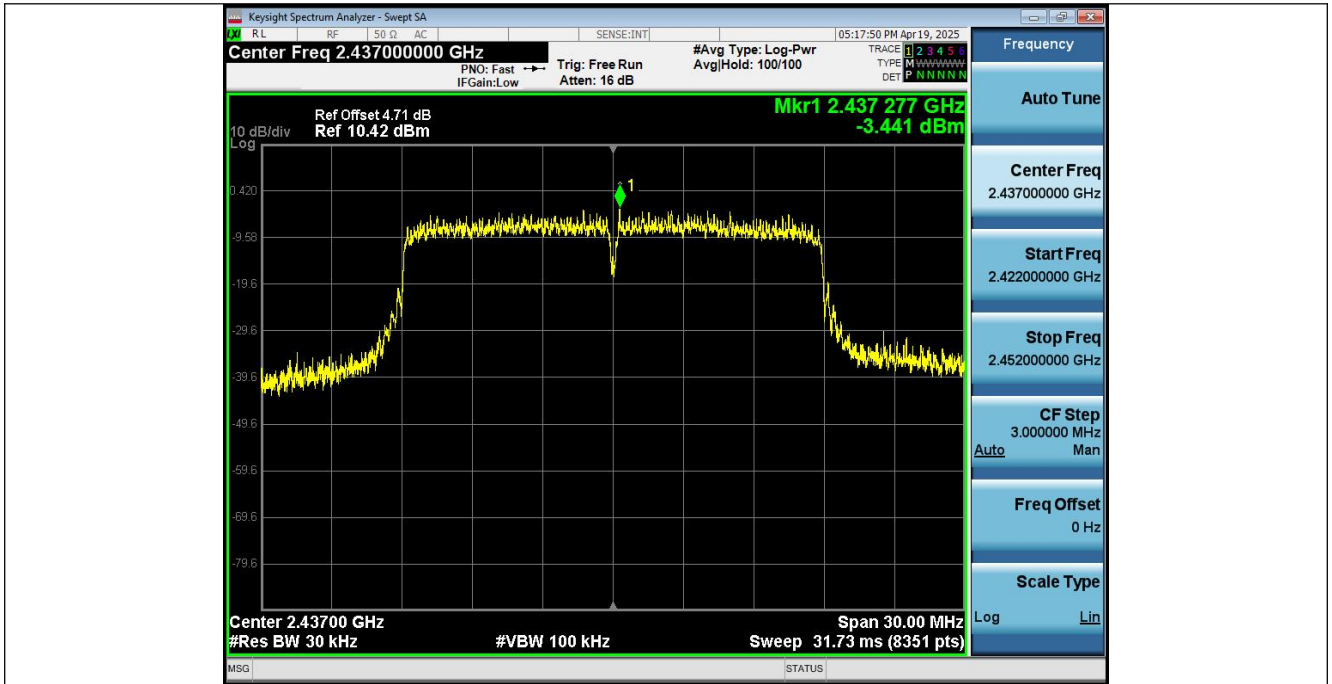
Power Spectral Density NVNT_ANT1_802_11g_2462



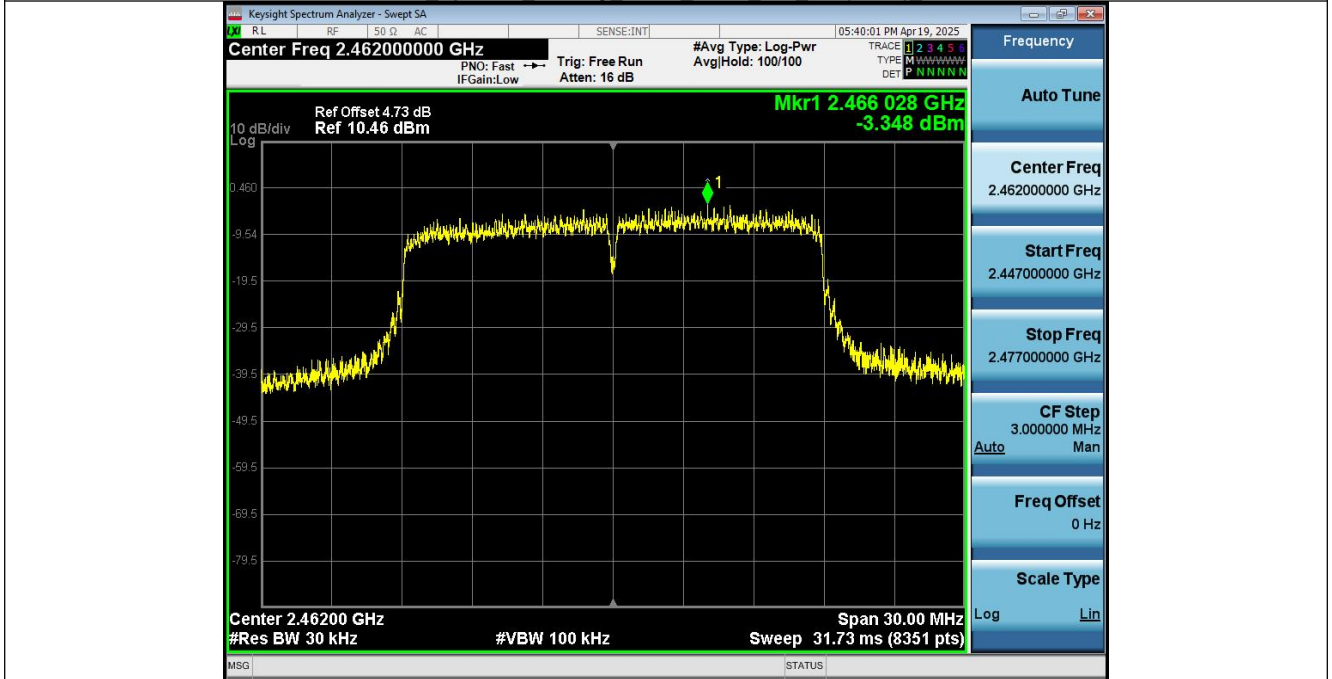
Power_Spectral_Density_NVNT_ANT1_802_11n(HT20)_2412



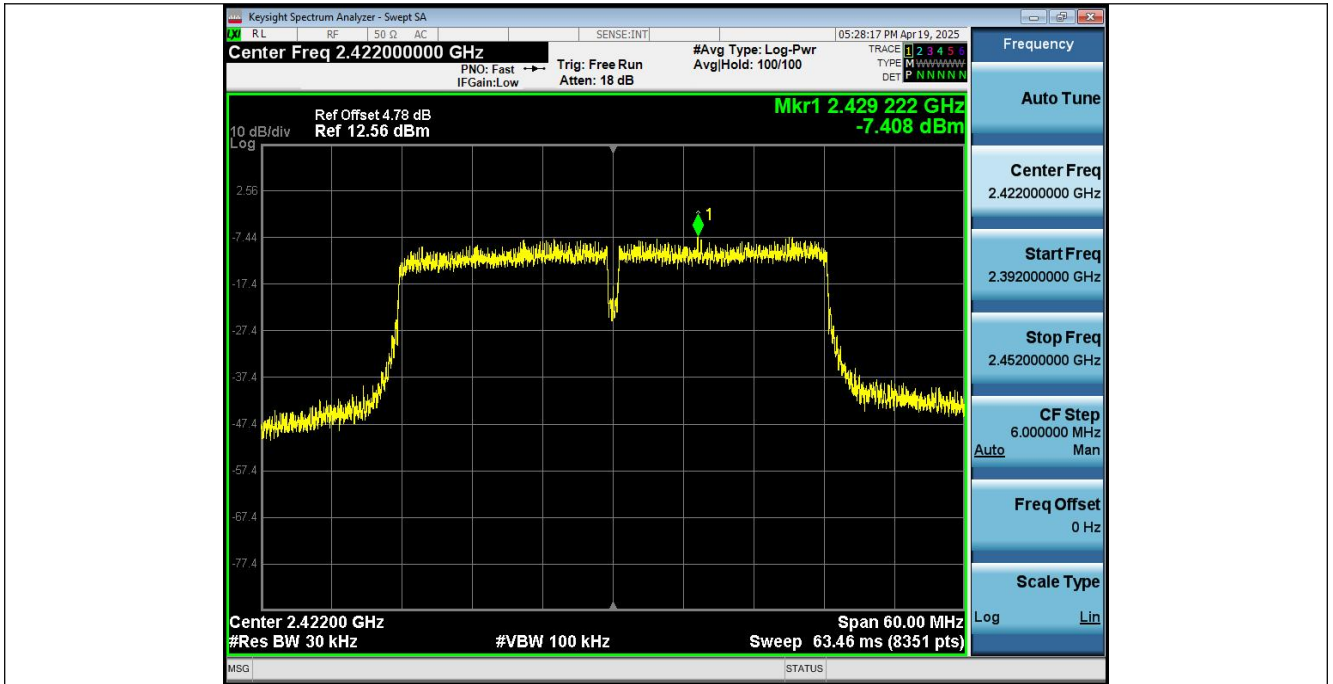
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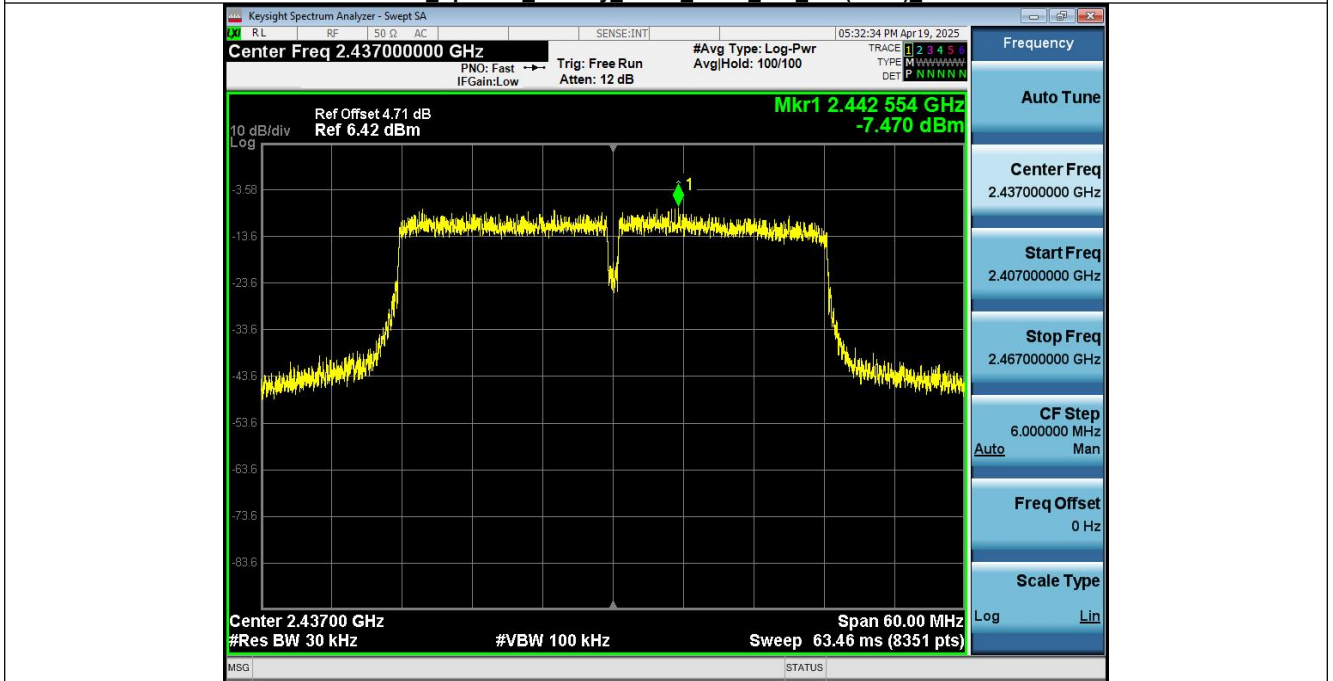
Power Spectral Density NVNT ANT1 802 11n(HT20) 2462



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

