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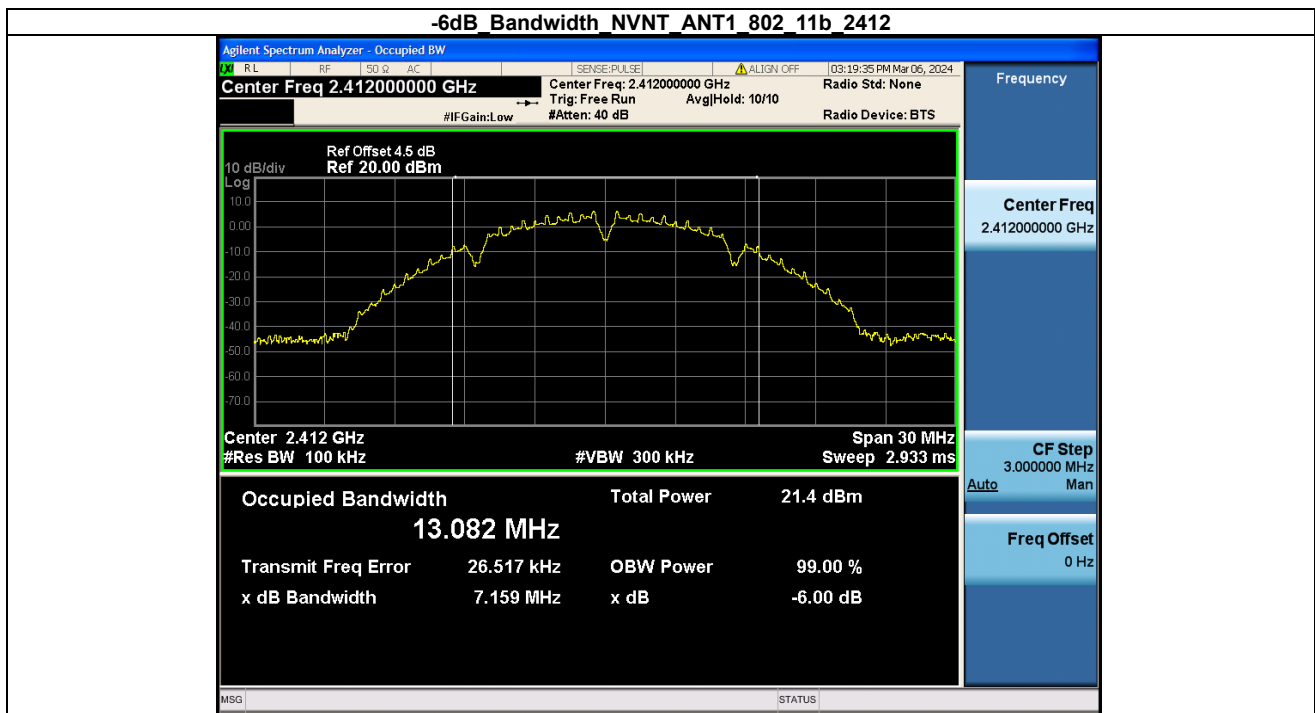
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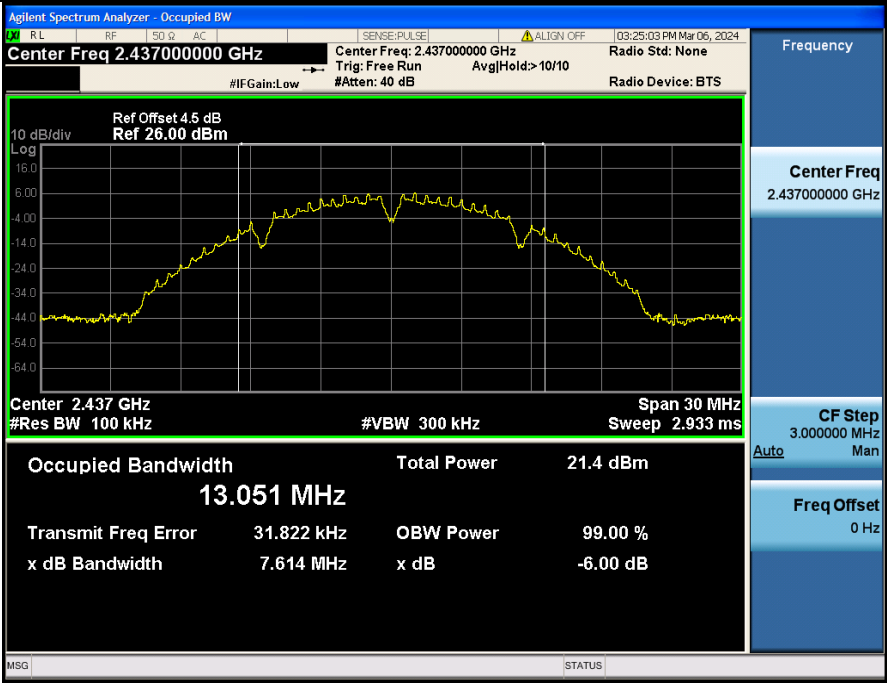
6. Spurious Emission 49

1. -6dB Bandwidth

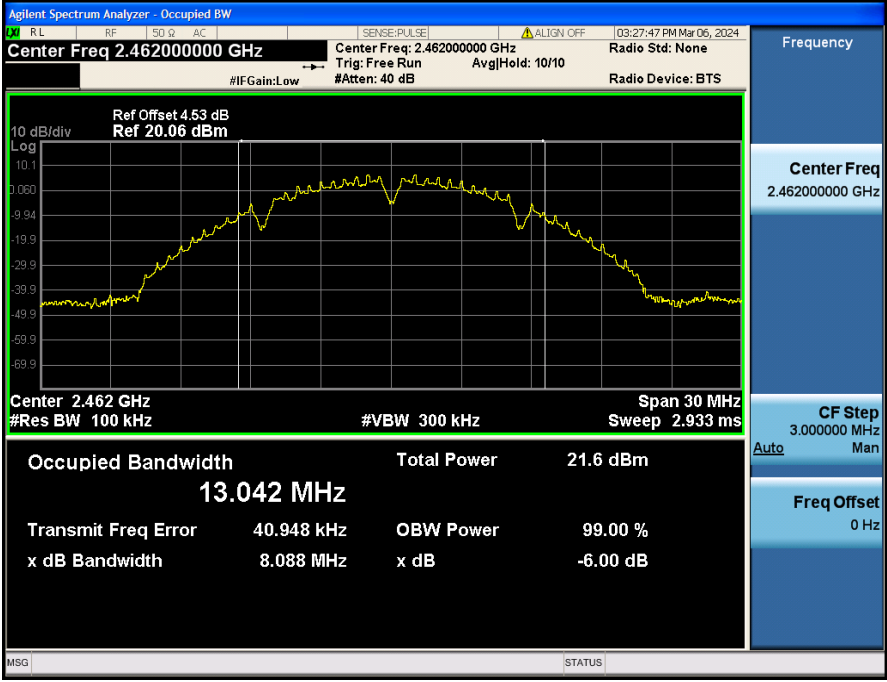
Condition	Antenna	Modulation	Frequency (MHz)	-6dB BW(MHz)	limit(kHz)	Result
NVNT	ANT1	802.11b	2412.00	7.16	500	Pass
NVNT	ANT1	802.11b	2437.00	7.61	500	Pass
NVNT	ANT1	802.11b	2462.00	8.09	500	Pass
NVNT	ANT1	802.11g	2412.00	15.08	500	Pass
NVNT	ANT1	802.11g	2437.00	15.13	500	Pass
NVNT	ANT1	802.11g	2462.00	15.09	500	Pass
HVNT	ANT1	802.11n(HT20)	2412.00	17.80	500	Pass
NVNT	ANT1	802.11n(HT20)	2437.00	15.10	500	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	13.84	500	Pass
HVNT	ANT1	802.11ax(HE20)	2412.00	19.16	500	Pass
HVNT	ANT1	802.11ax(HE20)	2437.00	19.18	500	Pass
HVNT	ANT1	802.11ax(HE20)	2462.00	19.14	500	Pass
HVNT	ANT1	802.11n(HT40)	2422.00	36.57	500	Pass
HVNT	ANT1	802.11n(HT40)	2437.00	36.55	500	Pass
HVNT	ANT1	802.11n(HT40)	2452.00	36.57	500	Pass
HVNT	ANT1	802.11ax(HE40)	2422.00	38.28	500	Pass
HVNT	ANT1	802.11ax(HE40)	2437.00	38.22	500	Pass
HVNT	ANT1	802.11ax(HE40)	2452.00	38.22	500	Pass



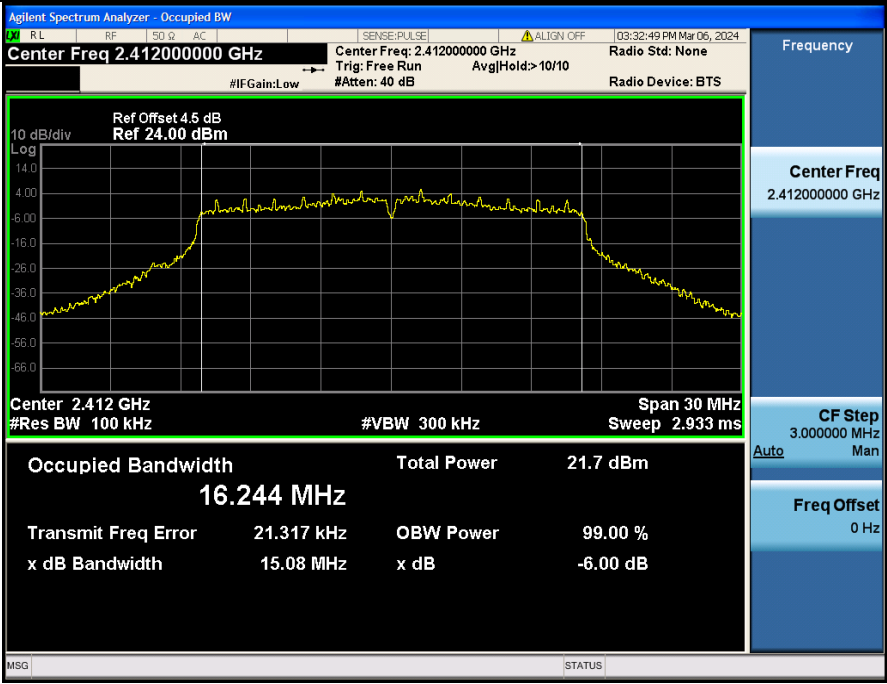
-6dB Bandwidth NVNT ANT1 802 11b 2437



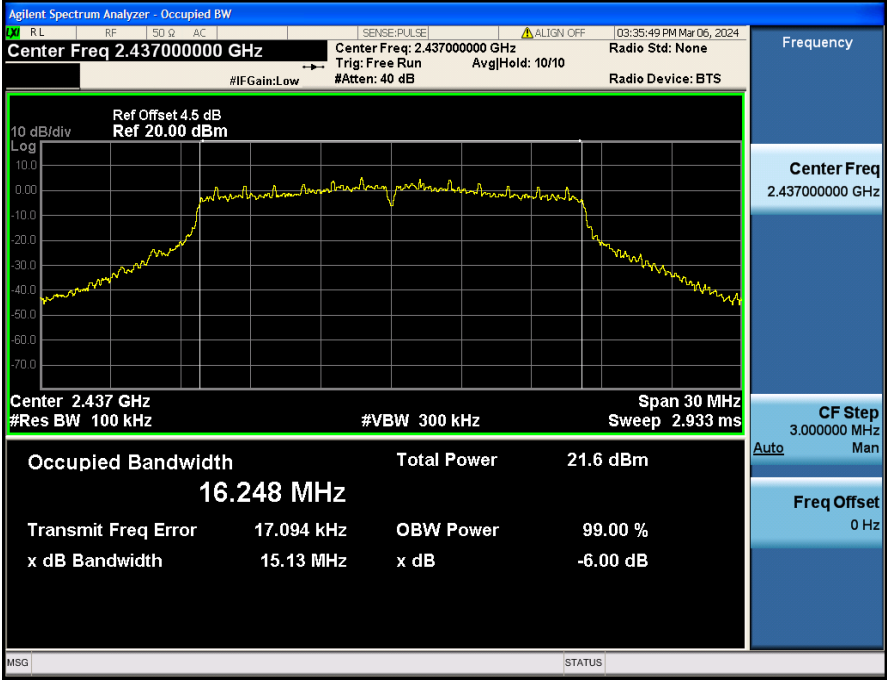
-6dB_Bandwidth_NVNT_ANT1_802_11b_2462



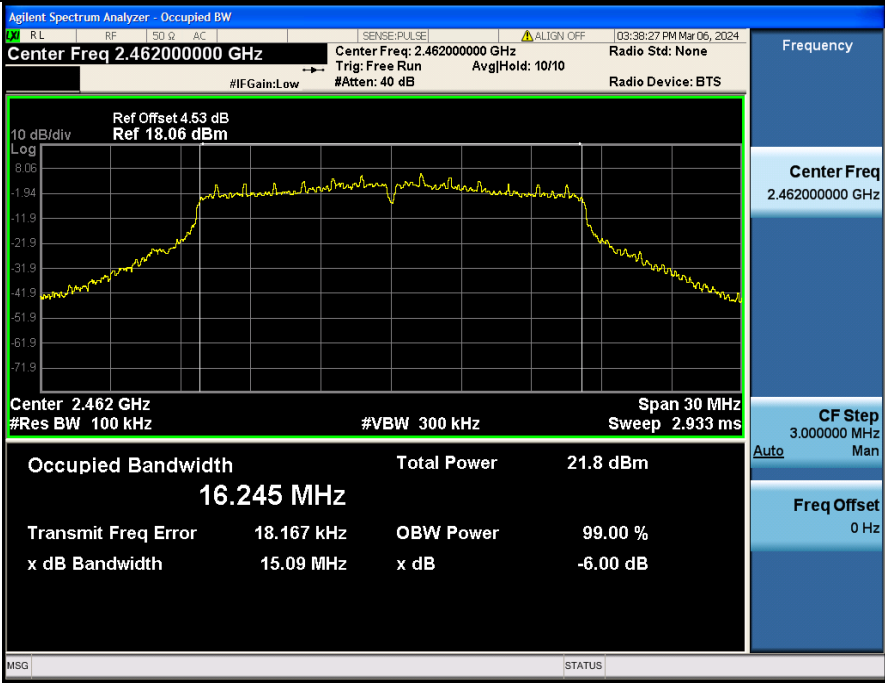
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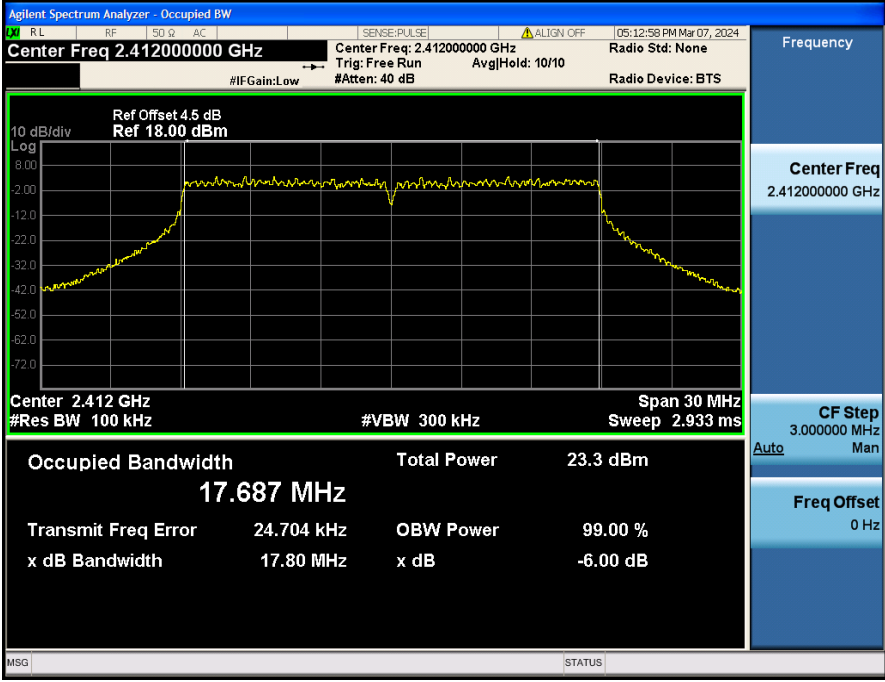
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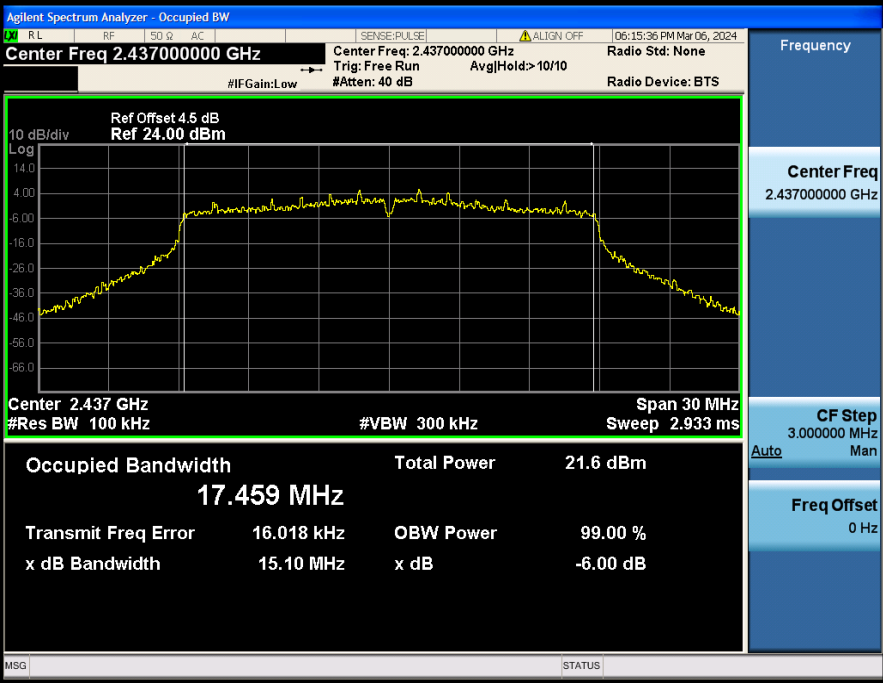
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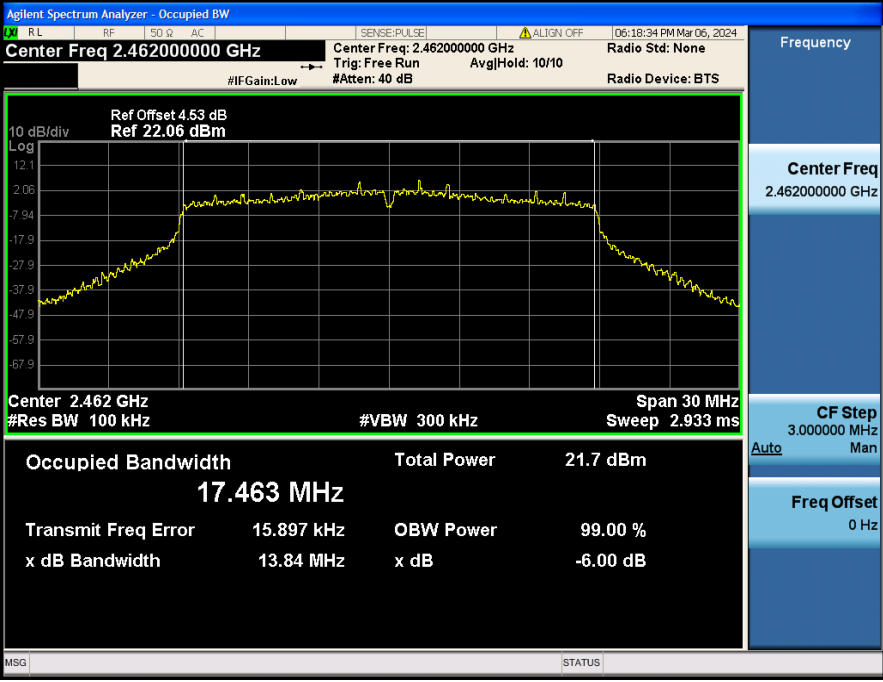
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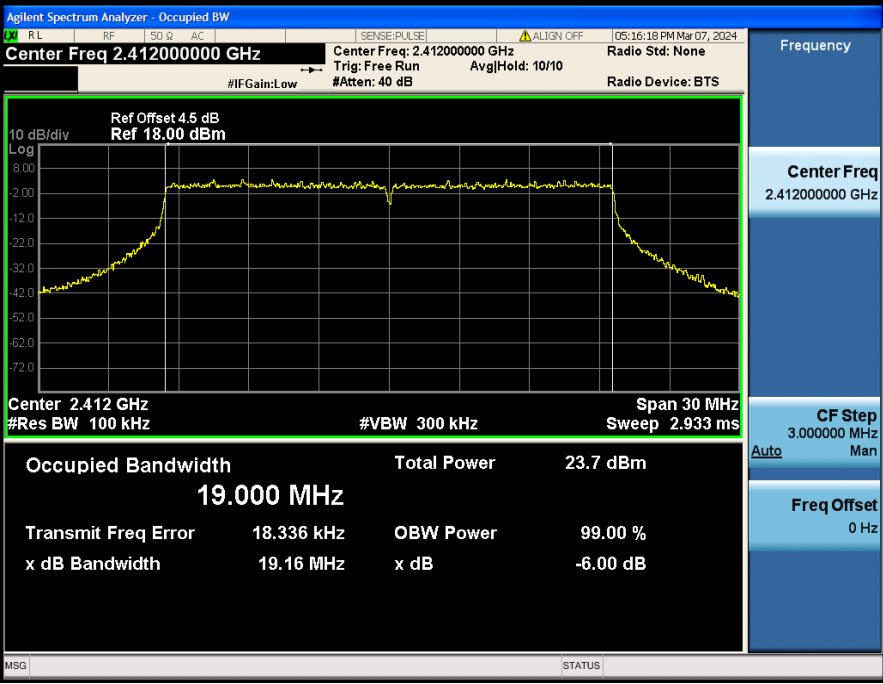
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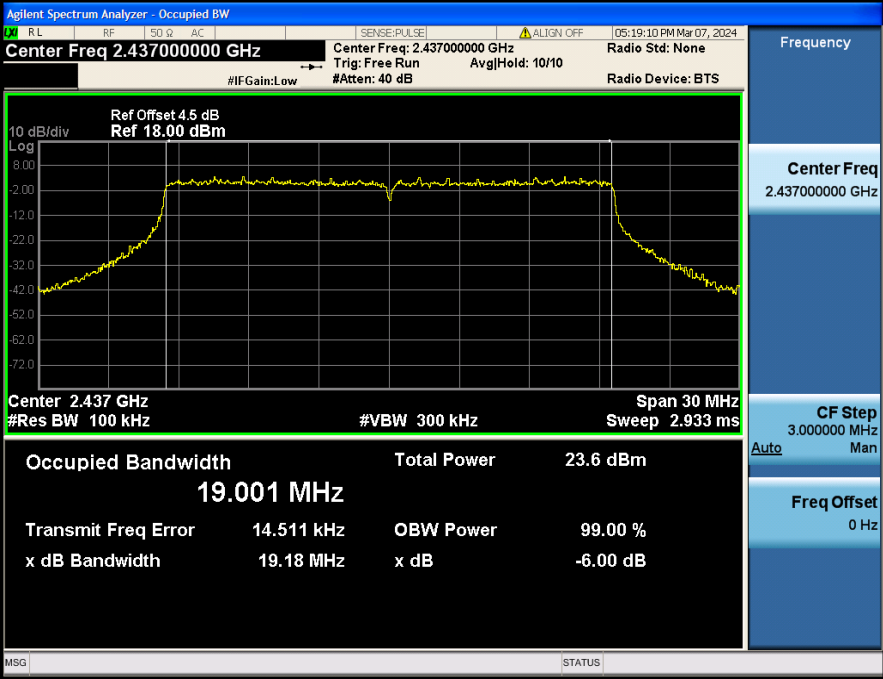
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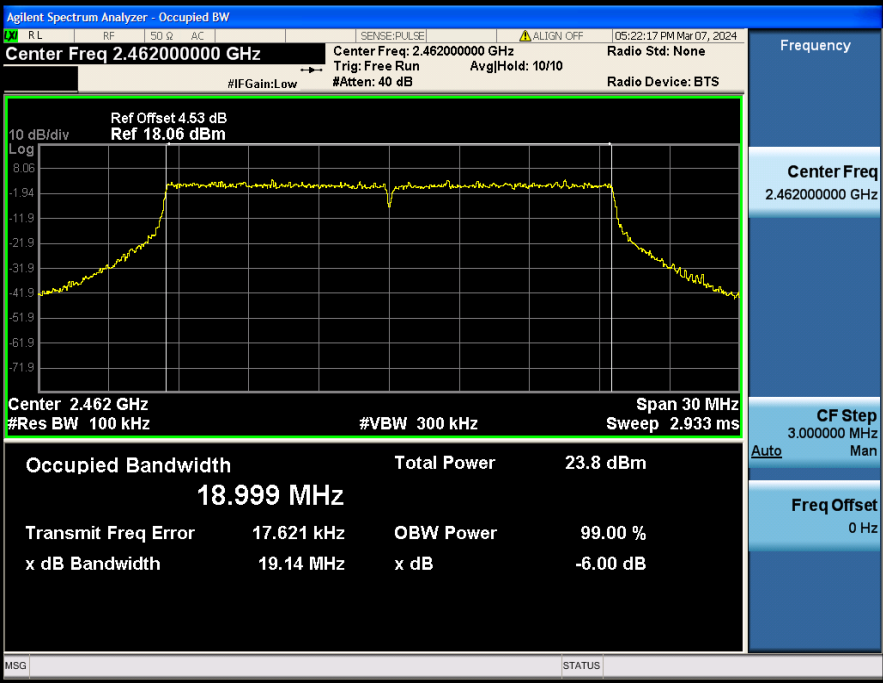
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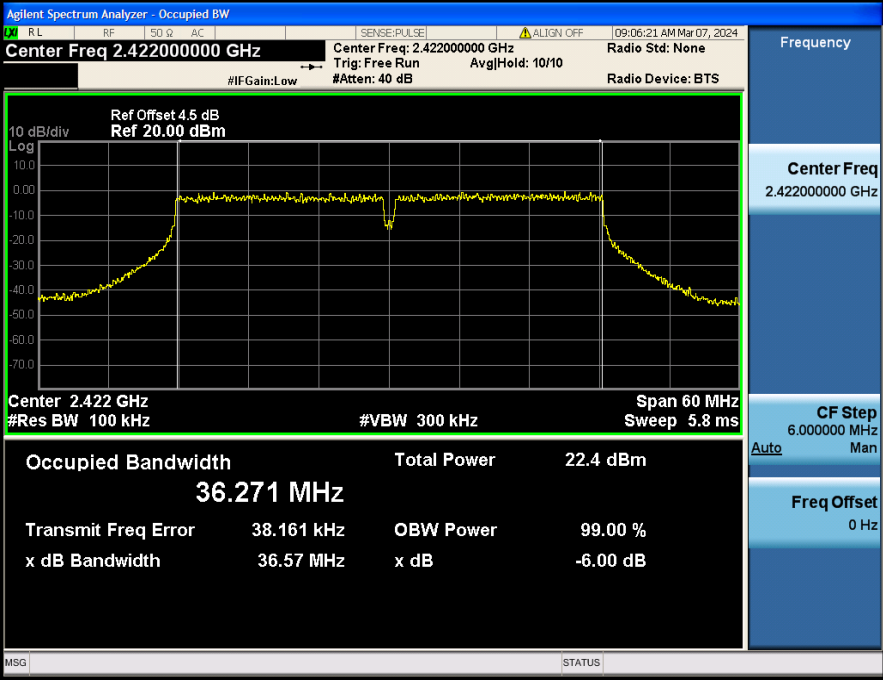
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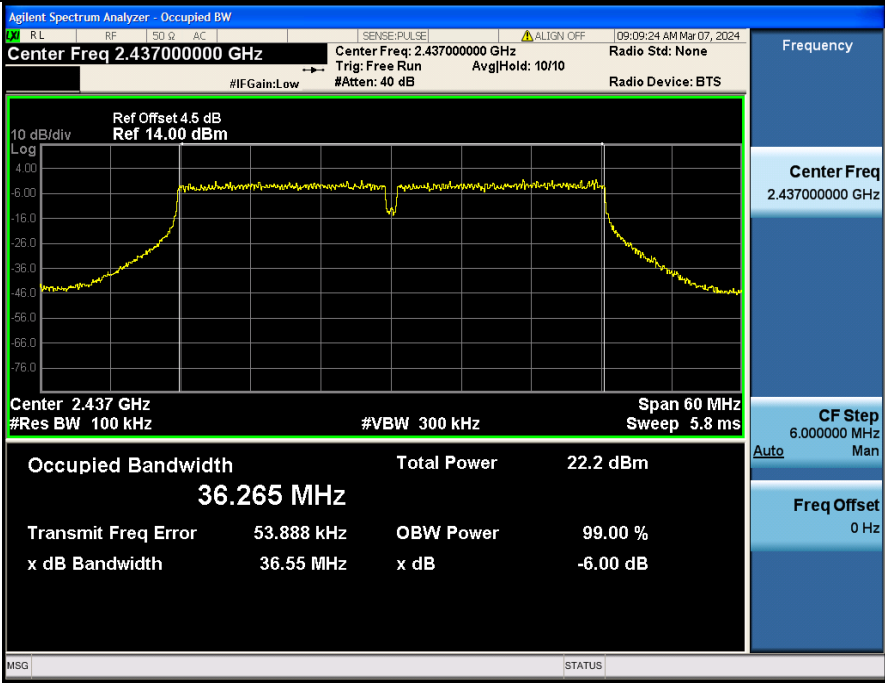
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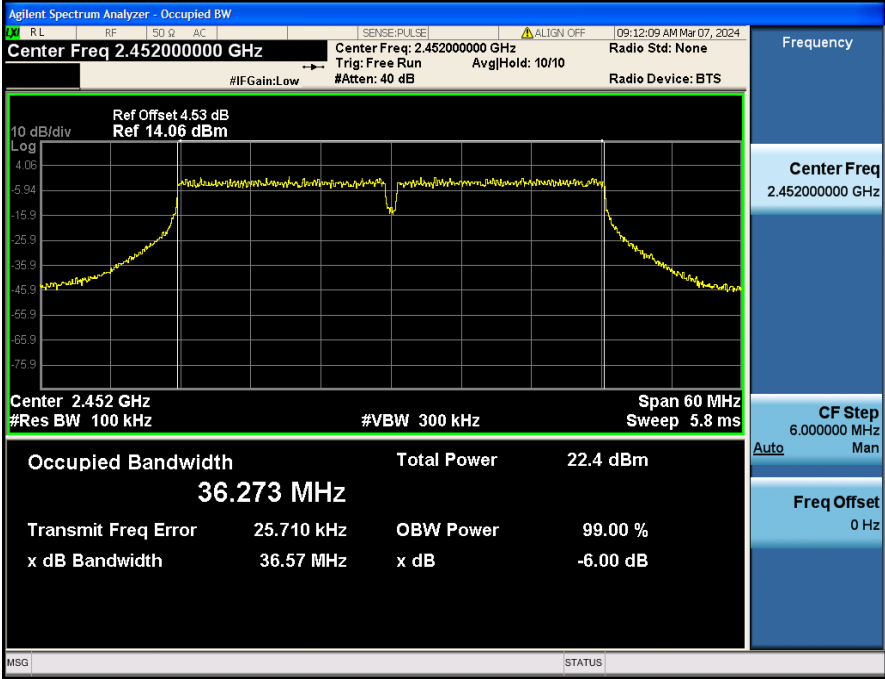
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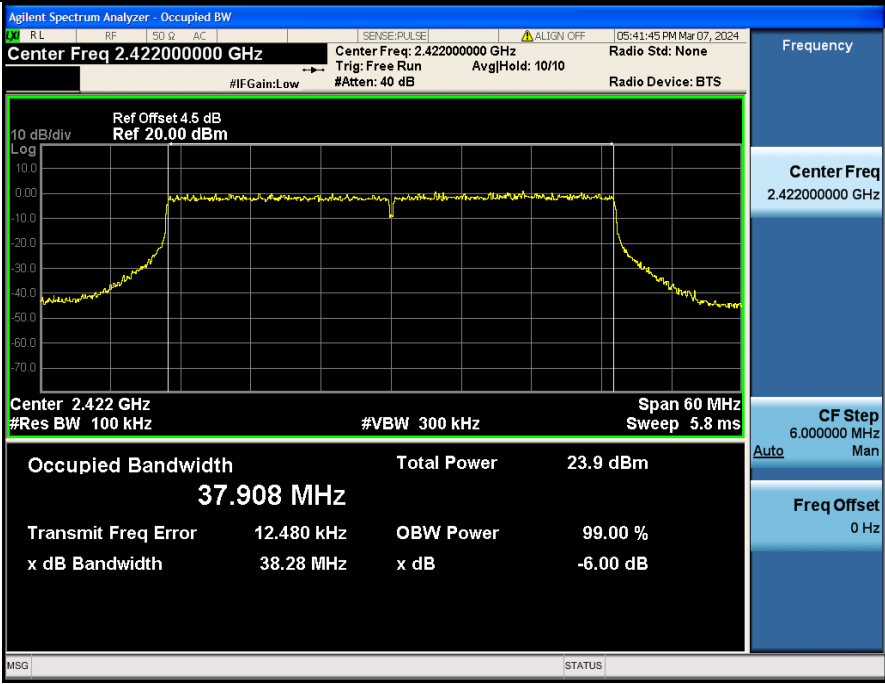
-6dB_Bandwidth_HVNT_ANT1_802_11n(HT40)_2437



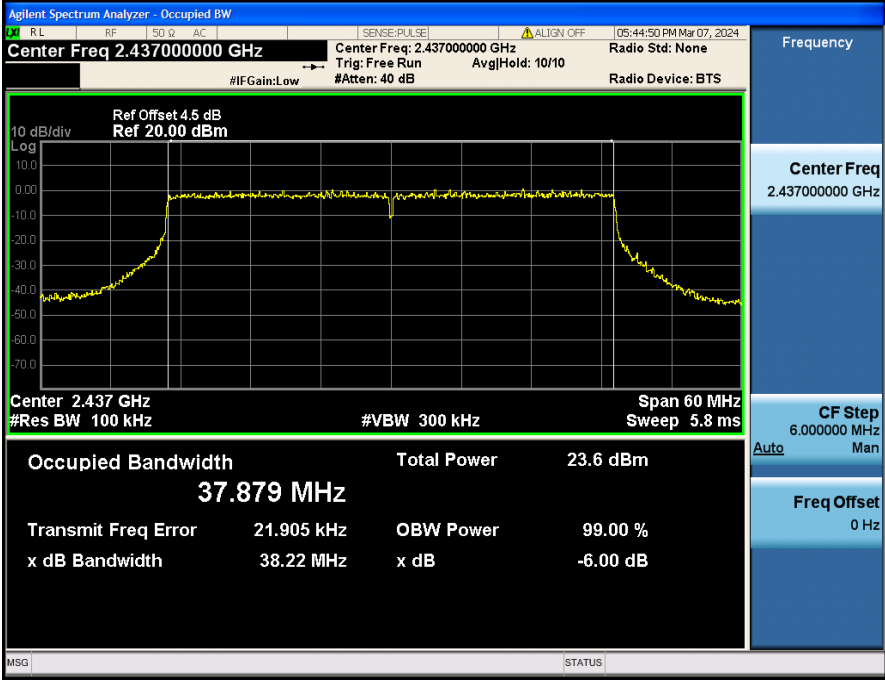
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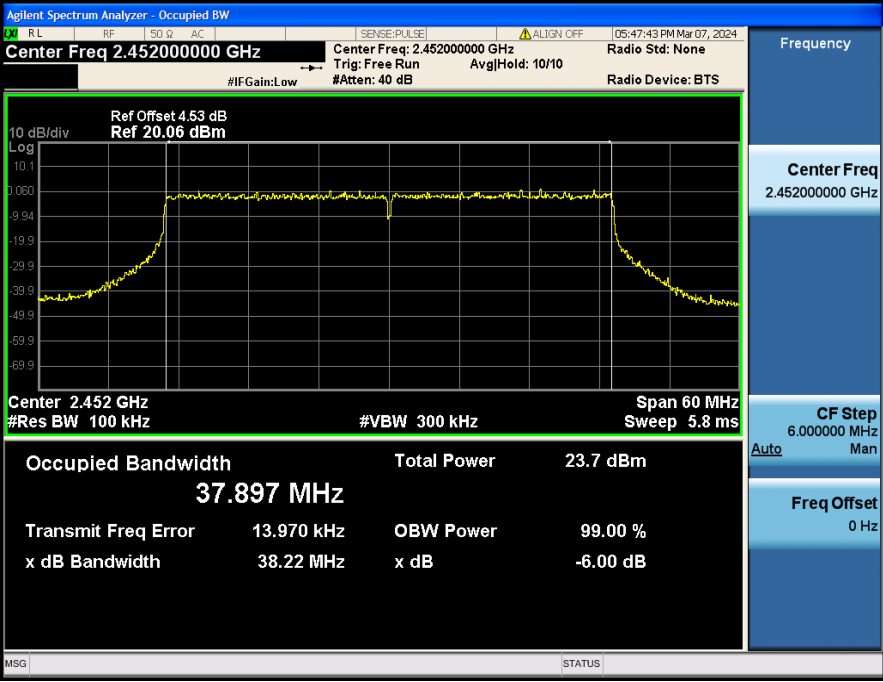
-6dB_Bandwidth_HVNT_ANT1_802_11ax(HE40)_2422



-6dB_Bandwidth_HVNT_ANT1_802_11ax(HE40)_2437



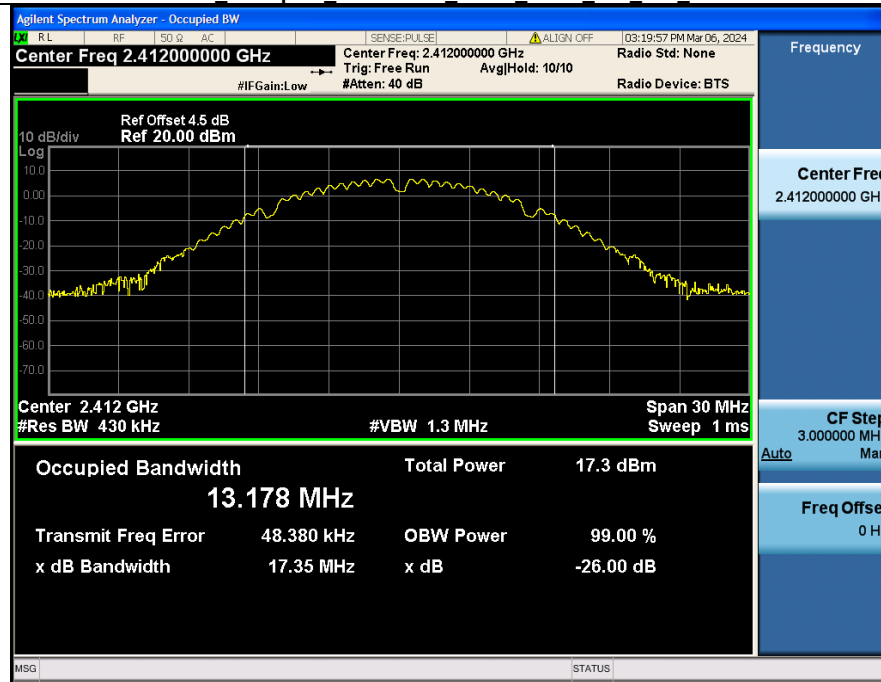
-6dB_Bandwidth_HVNT_ANT1_802_11ax(HE40)_2452



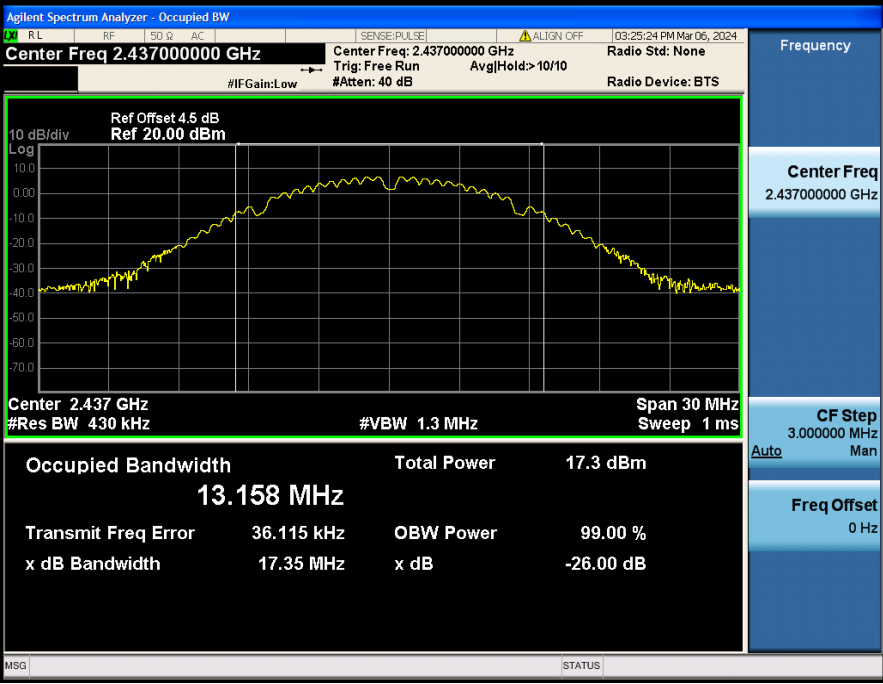
2. 99% Occupied Bandwidth

Condition	Antenna	Modulation	Frequency (MHz)	99% BW (MHz)
NVNT	ANT1	802.11b	2412.00	13.178
NVNT	ANT1	802.11b	2437.00	13.158
NVNT	ANT1	802.11b	2462.00	13.156
NVNT	ANT1	802.11g	2412.00	16.363
NVNT	ANT1	802.11g	2437.00	16.407
NVNT	ANT1	802.11g	2462.00	16.375
HVNT	ANT1	802.11n(HT20)	2412.00	18.172
NVNT	ANT1	802.11n(HT20)	2437.00	17.591
NVNT	ANT1	802.11n(HT20)	2462.00	17.575
HVNT	ANT1	802.11ax(HE20)	2412.00	19.295
HVNT	ANT1	802.11ax(HE20)	2437.00	19.313
HVNT	ANT1	802.11ax(HE20)	2462.00	19.301
HVNT	ANT1	802.11n(HT40)	2422.00	37.176
HVNT	ANT1	802.11n(HT40)	2437.00	37.128
HVNT	ANT1	802.11n(HT40)	2452.00	37.122
HVNT	ANT1	802.11ax(HE40)	2422.00	38.314
HVNT	ANT1	802.11ax(HE40)	2437.00	38.352
HVNT	ANT1	802.11ax(HE40)	2452.00	38.397

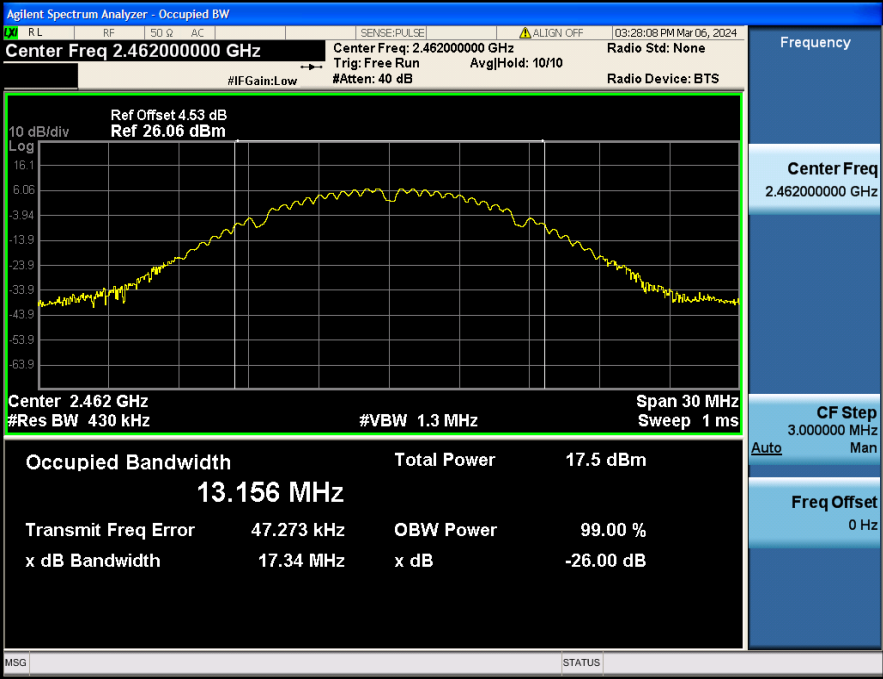
99% Occupied Bandwidth NVNT ANT1 802.11b 2412



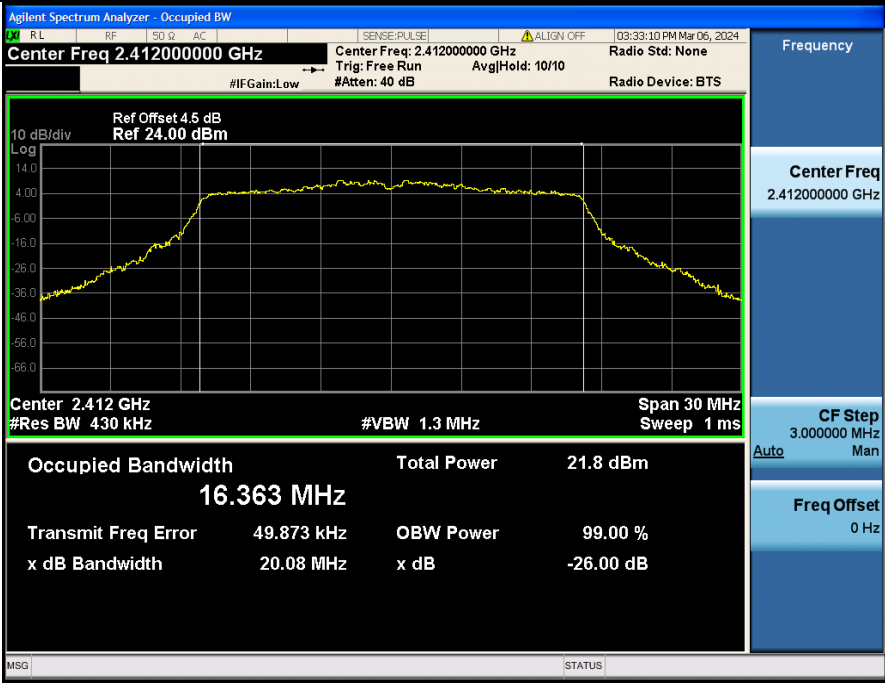
99% Occupied Bandwidth NVNT ANT1 802.11b 2437



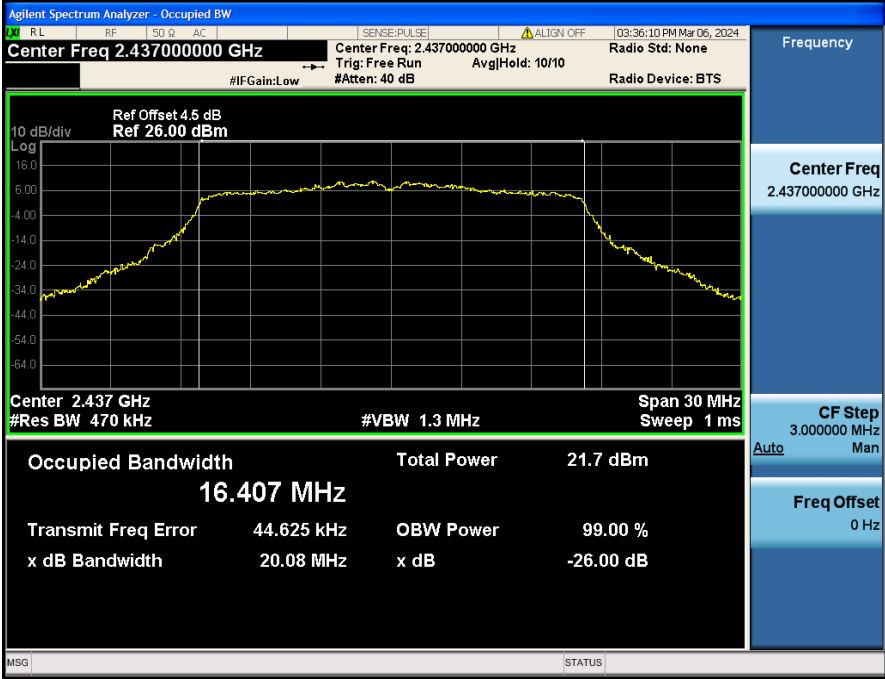
99%_Occupied_Bandwidth_NVNT_ANT1_802_11b_2462



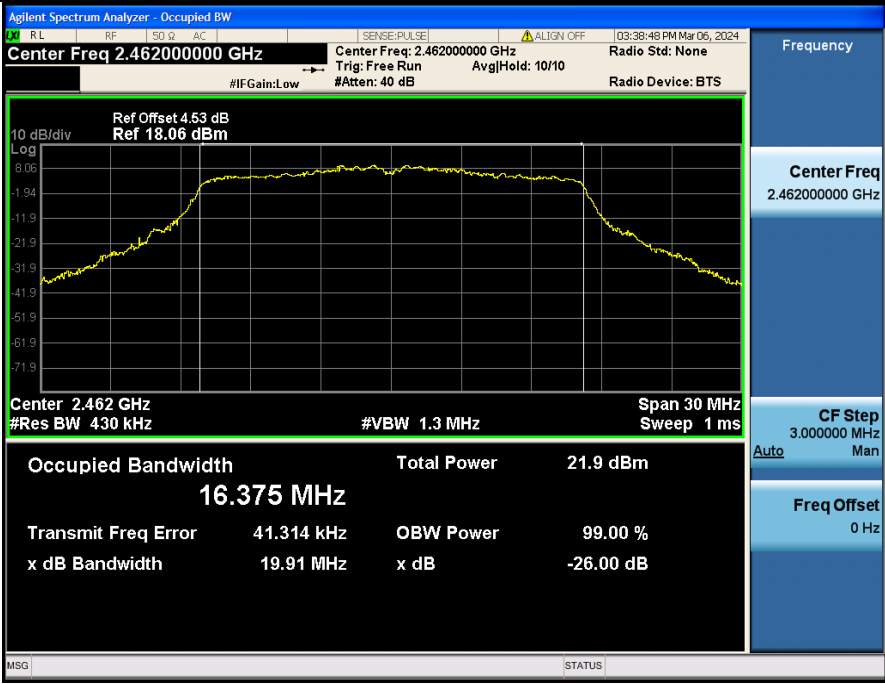
99%_Occupied_Bandwidth_NVNT_ANT1_802_11g_2412



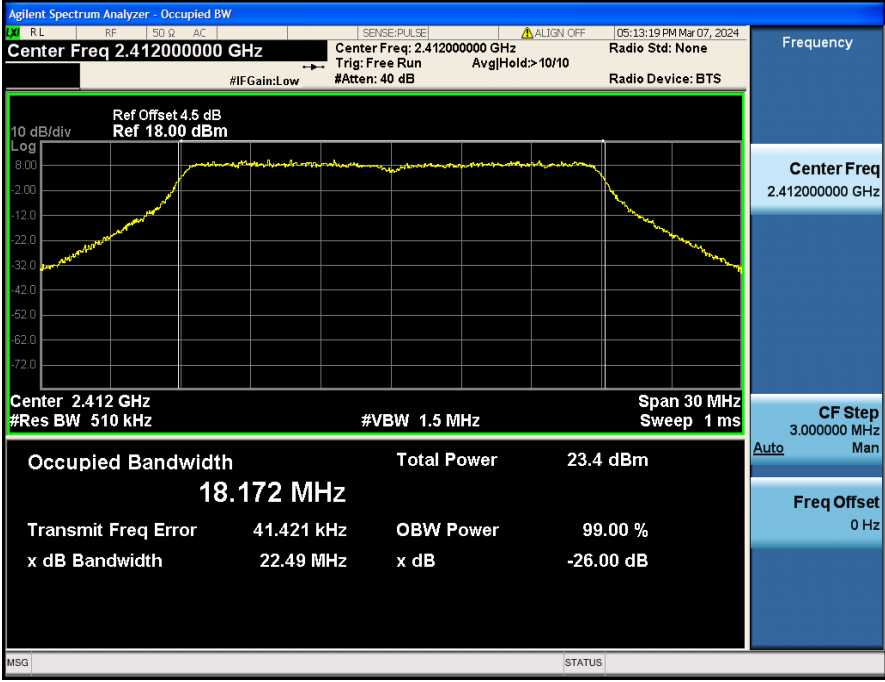
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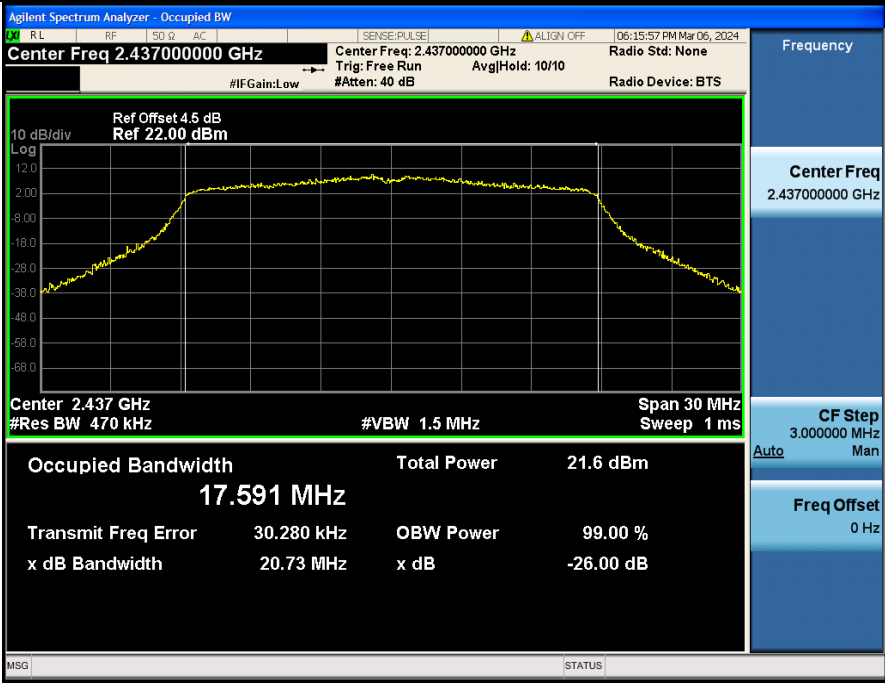
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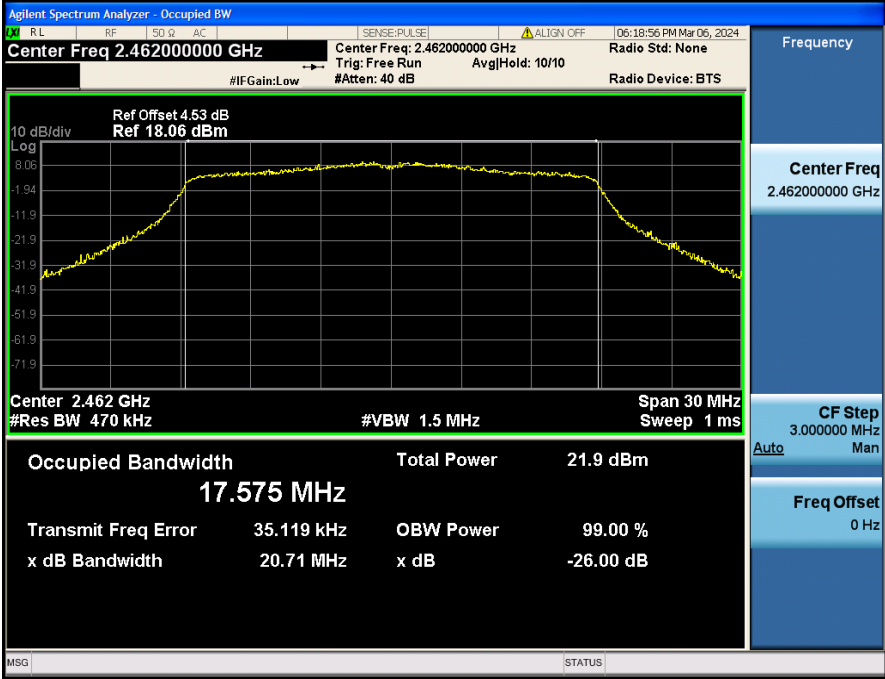
99%_Occupied_Bandwidth_HVNT_ANT1_802_11n(HT20)_2412



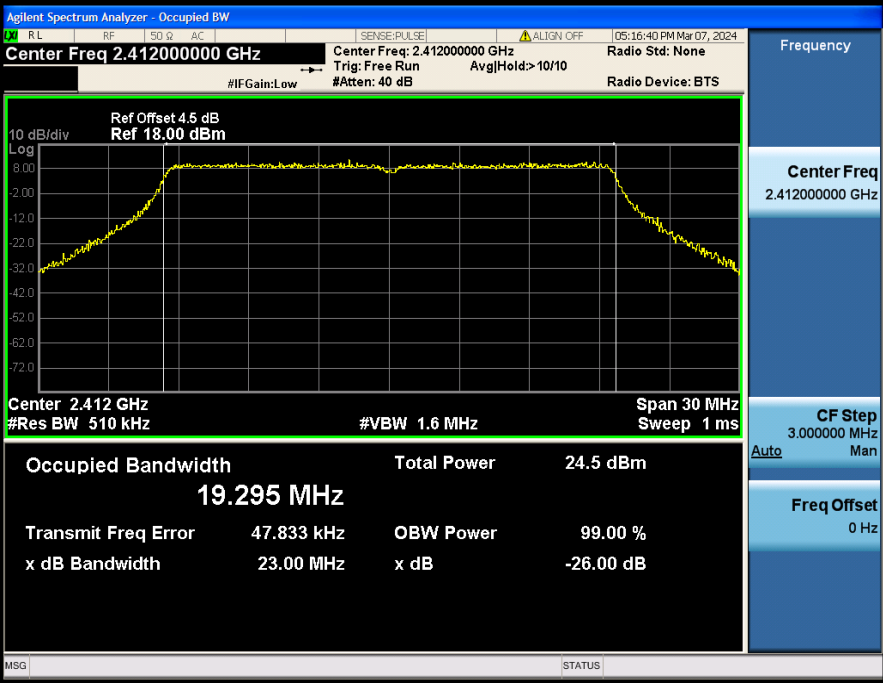
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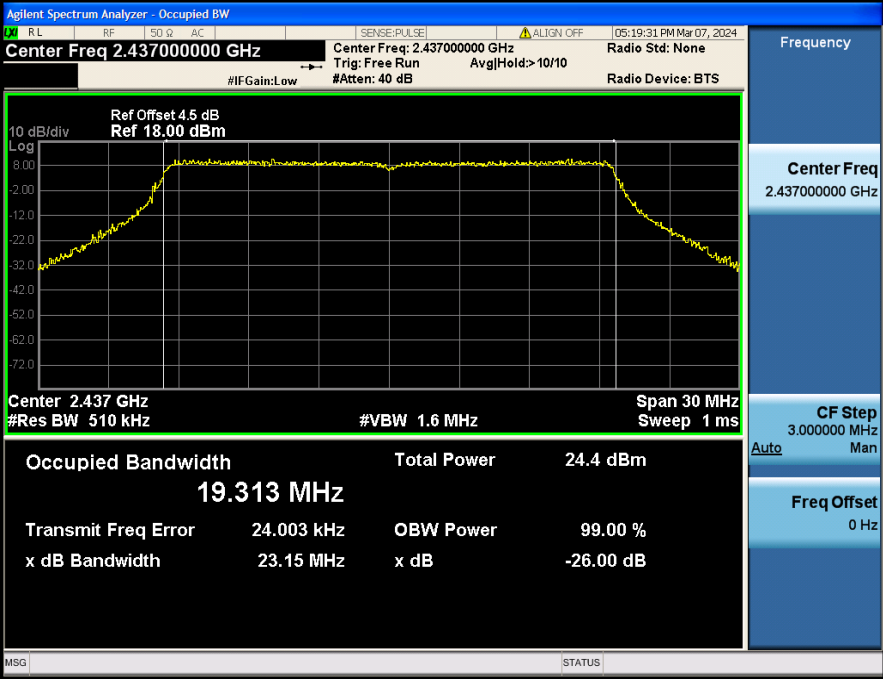
99%_Occupied_Bandwidth_NVNT_ANT1_802_11n(HT20)_2462



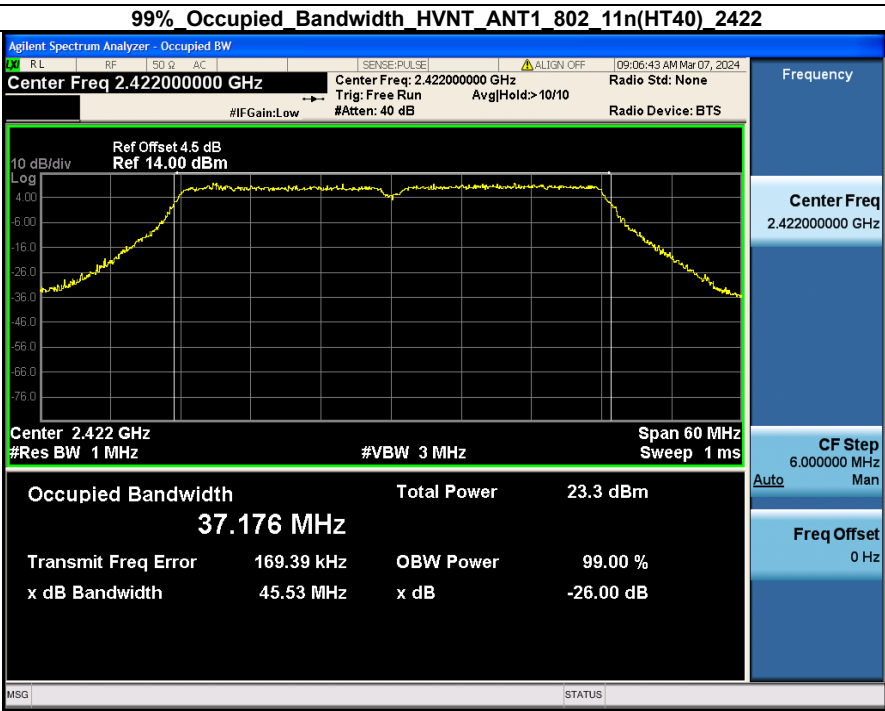
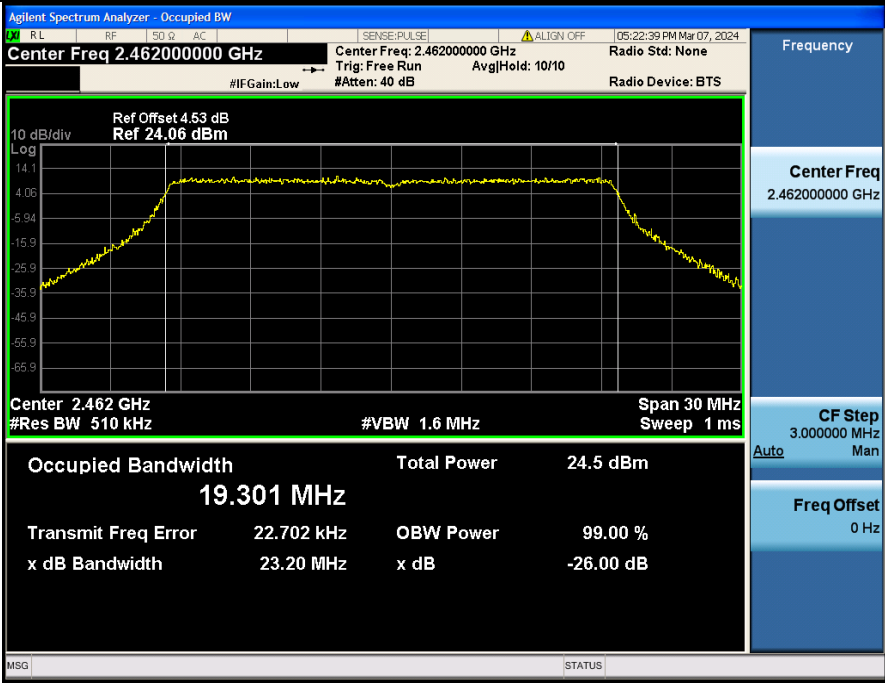
99%_Occupied_Bandwidth_HVNT_ANT1_802_11ax(HE20)_2412



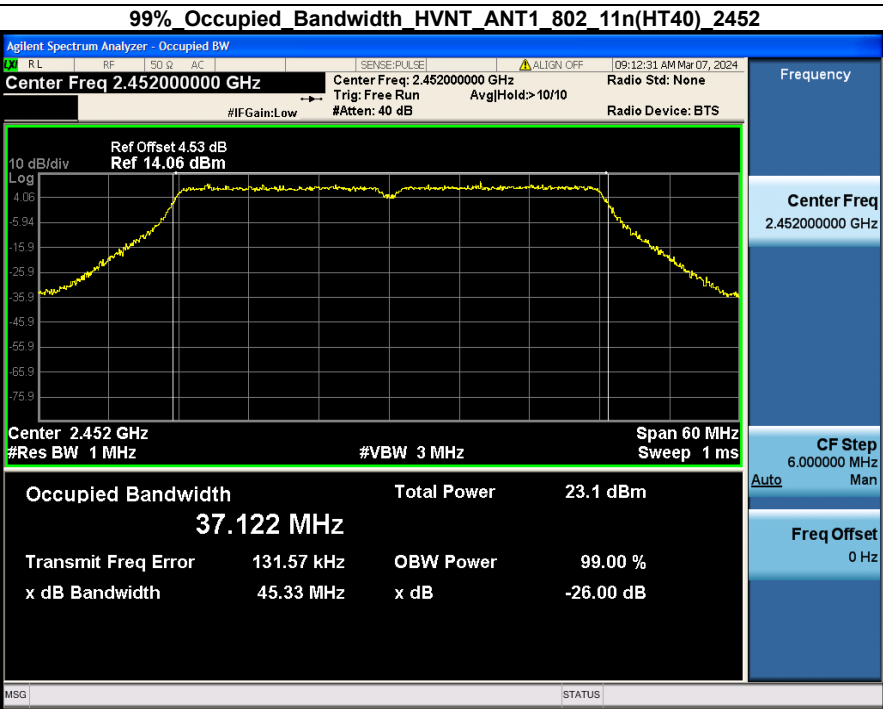
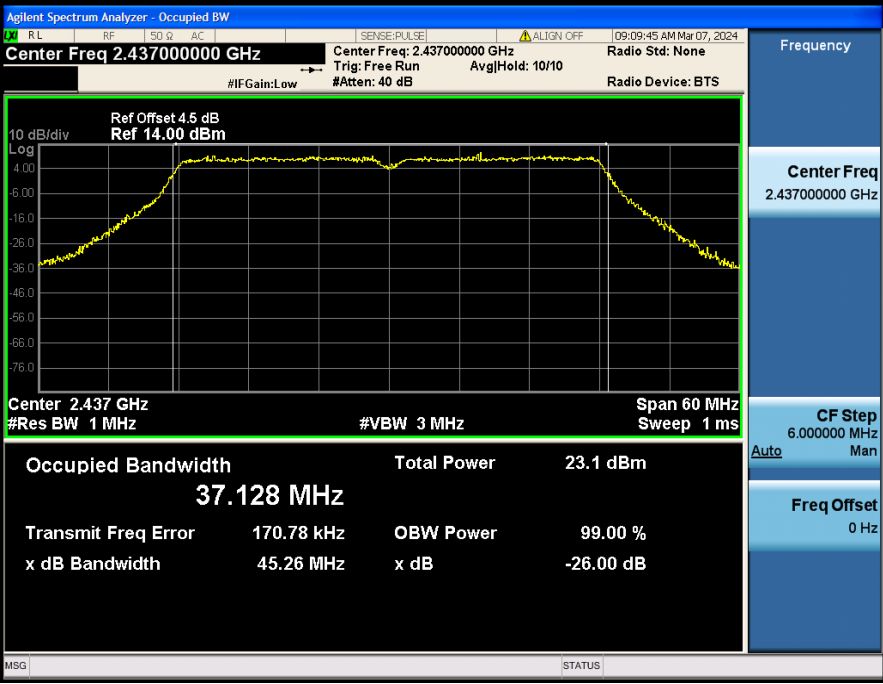
99%_Occupied_Bandwidth_HVNT_ANT1_802_11ax(HE20)_2437



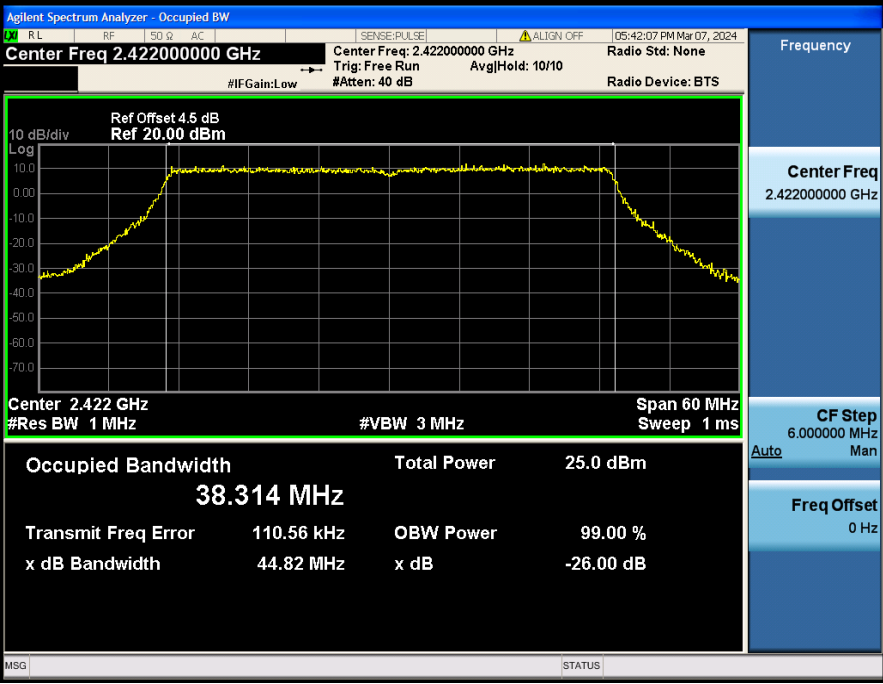
99%_Occupied_Bandwidth_HVNT_ANT1_802_11ax(HE20)_2462



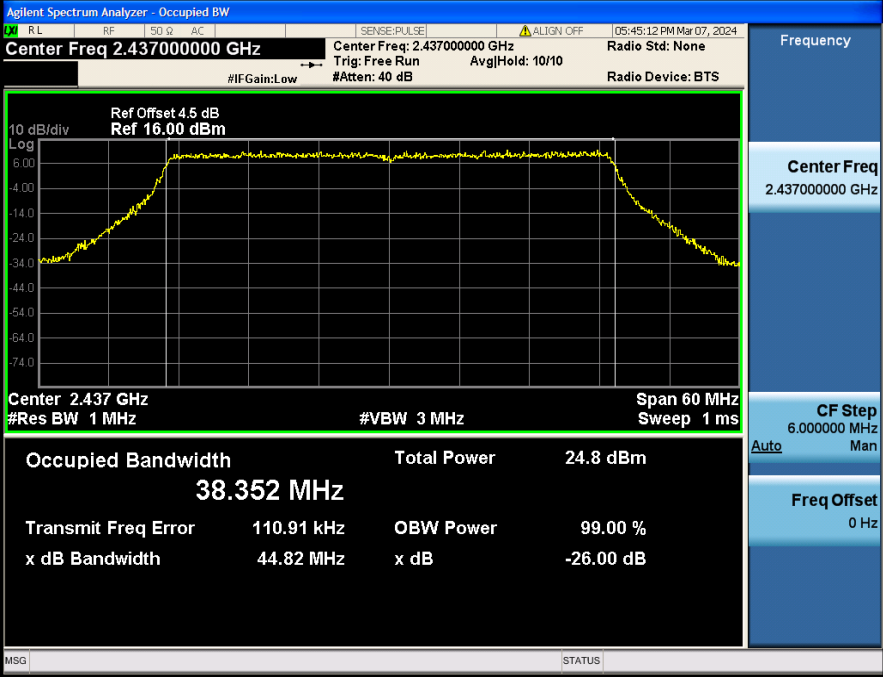
99%_Occupied_Bandwidth_HVNT_ANT1_802_11n(HT40)_2437



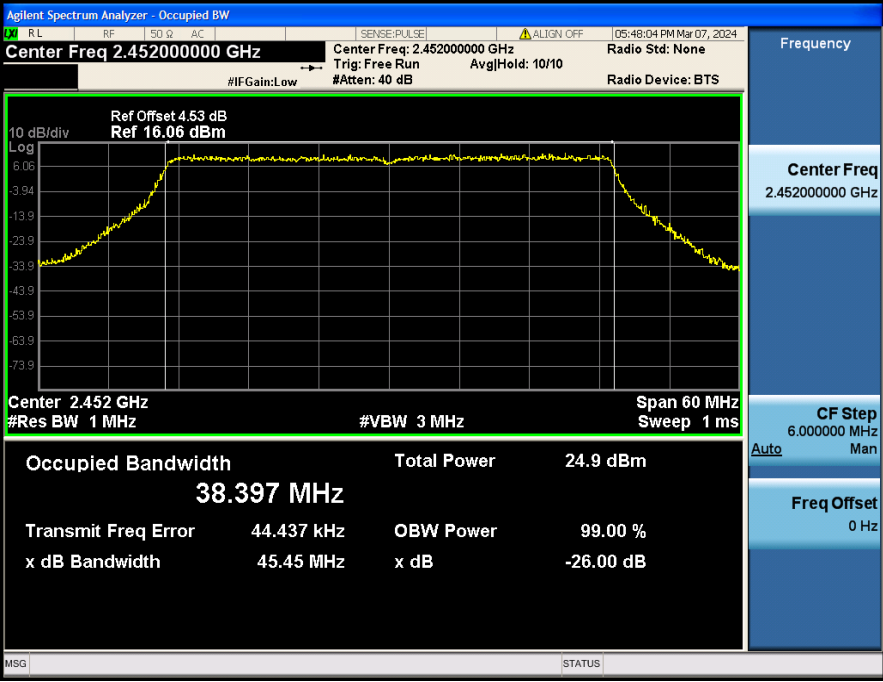
99%_Occupied_Bandwidth_HVNT_ANT1_802_11ax(HE40)_2422



99%_Occupied_Bandwidth_HVNT_ANT1_802_11ax(HE40)_2437

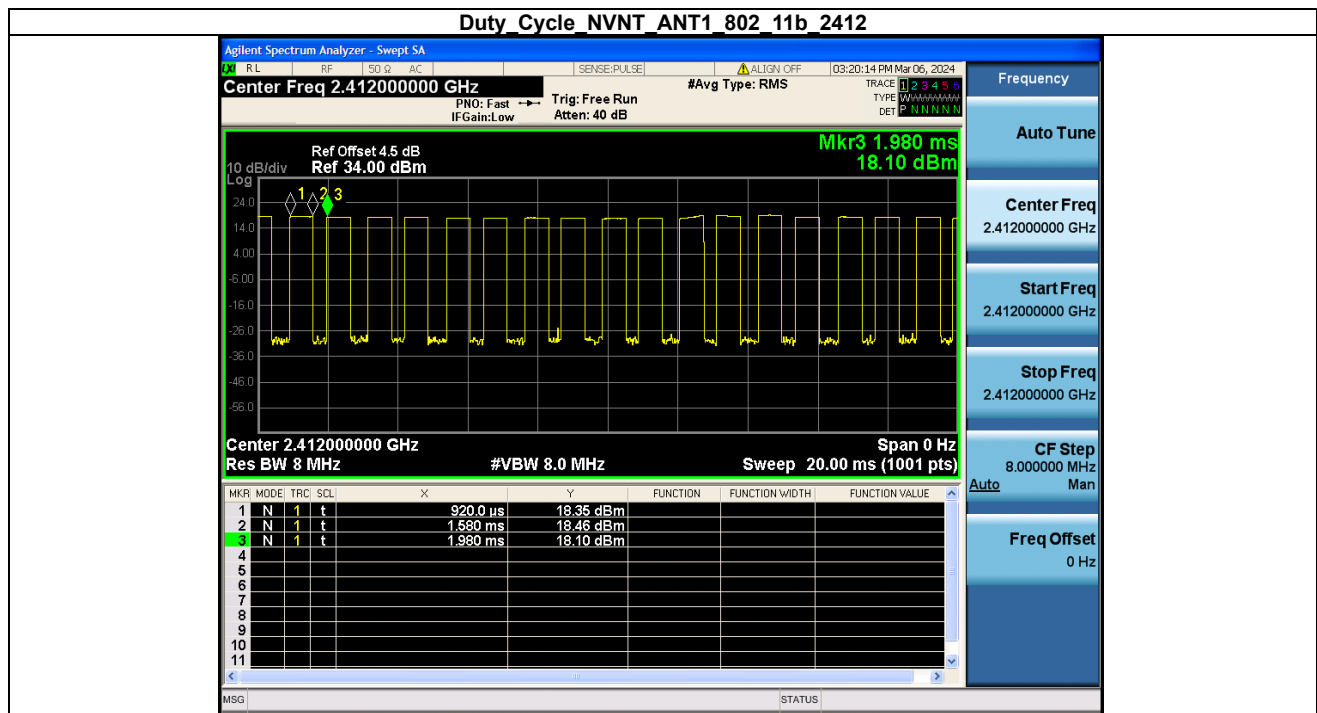


99%_Occupied_Bandwidth_HVNT_ANT1_802_11ax(HE40)_2452

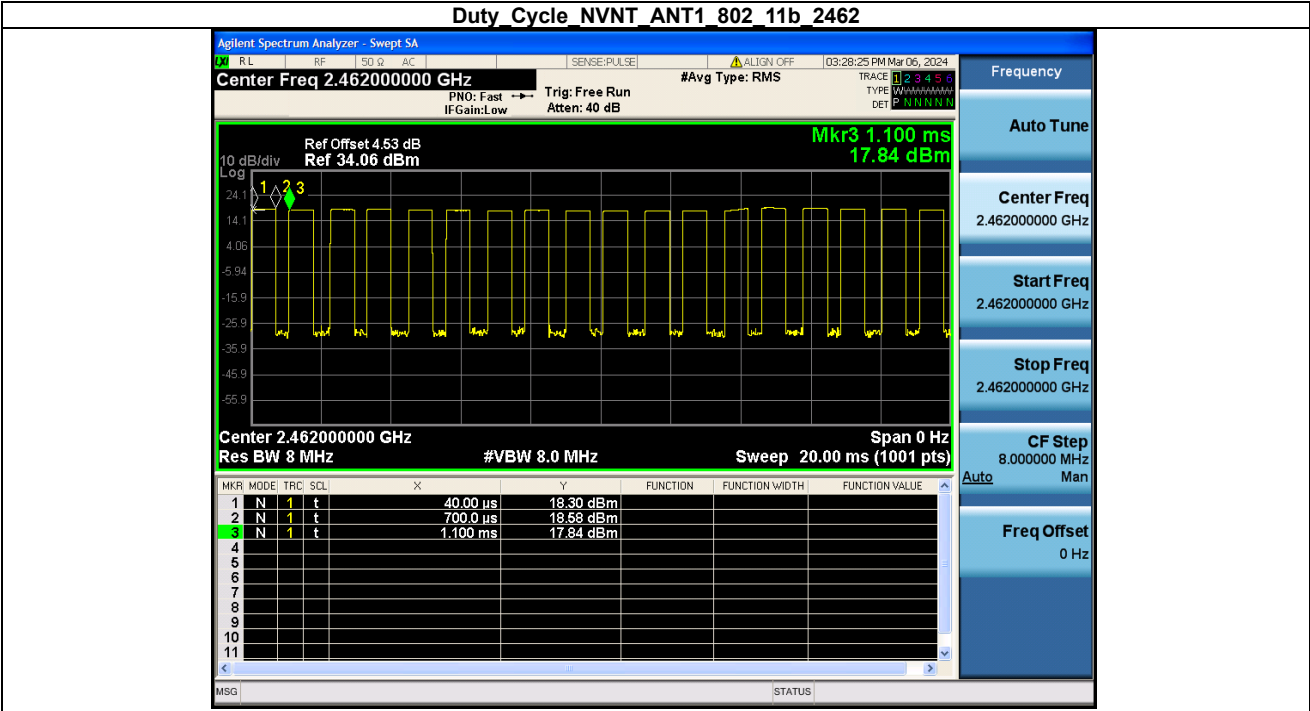
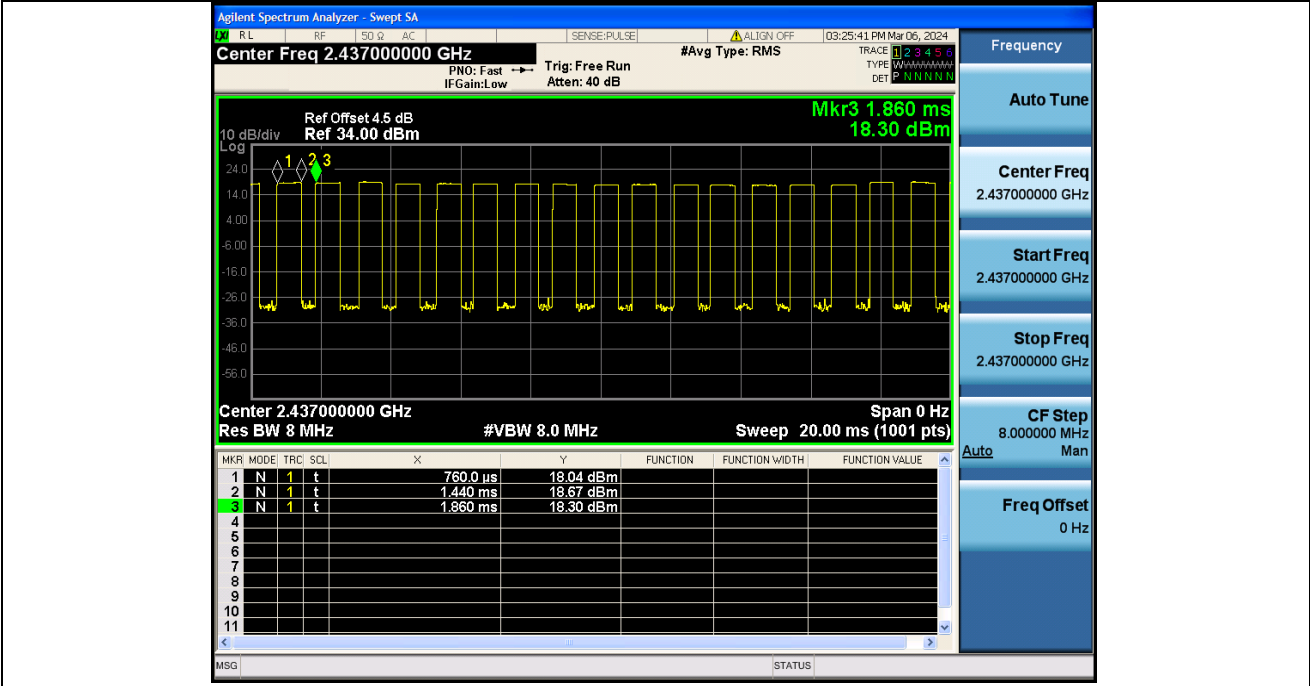


3. Duty Cycle

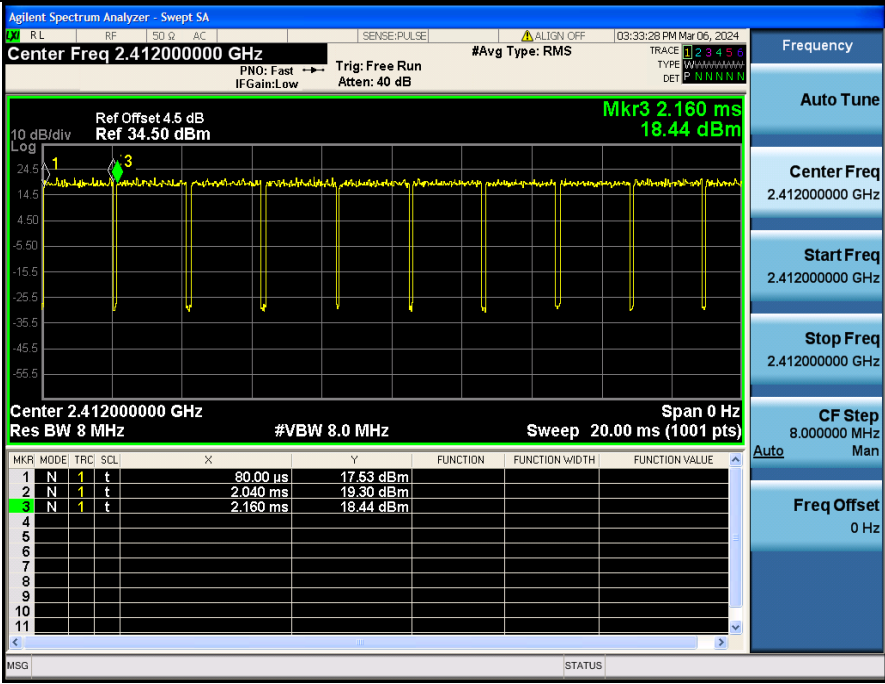
Condition	Antenna	Modulation	Frequency (MHz)	Duty cycle(%)	Duty factor(dB)
NVNT	ANT1	802.11b	2412.00	64.15	1.93
NVNT	ANT1	802.11b	2437.00	63.64	1.96
NVNT	ANT1	802.11b	2462.00	62.26	2.06
NVNT	ANT1	802.11g	2412.00	94.23	0.26
NVNT	ANT1	802.11g	2437.00	94.34	0.25
NVNT	ANT1	802.11g	2462.00	95.19	0.21
HVNT	ANT1	802.11n(HT20)	2412.00	92.52	0.34
NVNT	ANT1	802.11n(HT20)	2437.00	92.86	0.32
NVNT	ANT1	802.11n(HT20)	2462.00	92.20	0.35
HVNT	ANT1	802.11ax(HE20)	2412.00	91.92	0.37
HVNT	ANT1	802.11ax(HE20)	2437.00	91.64	0.38
HVNT	ANT1	802.11ax(HE20)	2462.00	91.92	0.37
HVNT	ANT1	802.11n(HT40)	2422.00	85.27	0.69
HVNT	ANT1	802.11n(HT40)	2437.00	91.89	0.37
HVNT	ANT1	802.11n(HT40)	2452.00	92.20	0.35
HVNT	ANT1	802.11ax(HE40)	2422.00	91.30	0.40
HVNT	ANT1	802.11ax(HE40)	2437.00	91.64	0.38
HVNT	ANT1	802.11ax(HE40)	2452.00	91.92	0.37



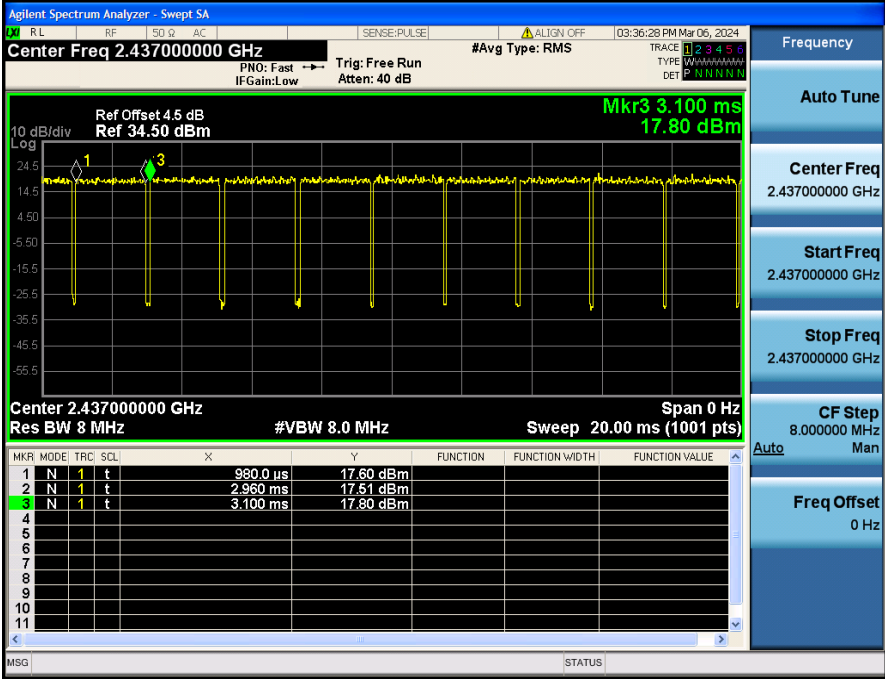
Duty Cycle NVNT ANT1 802 11b 2437



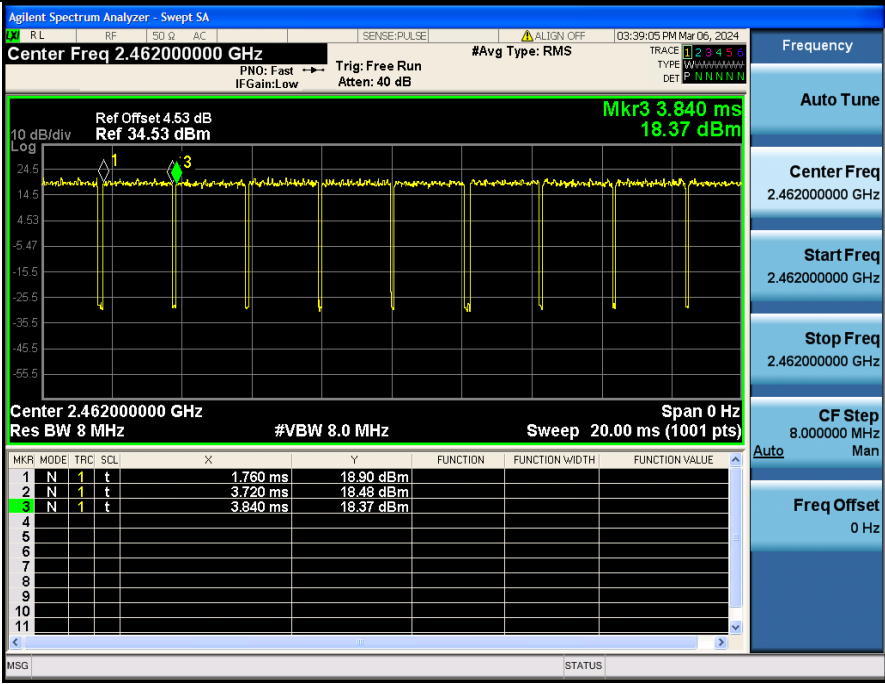
Duty_Cycle_NVNT_ANT1_802_11g_2412



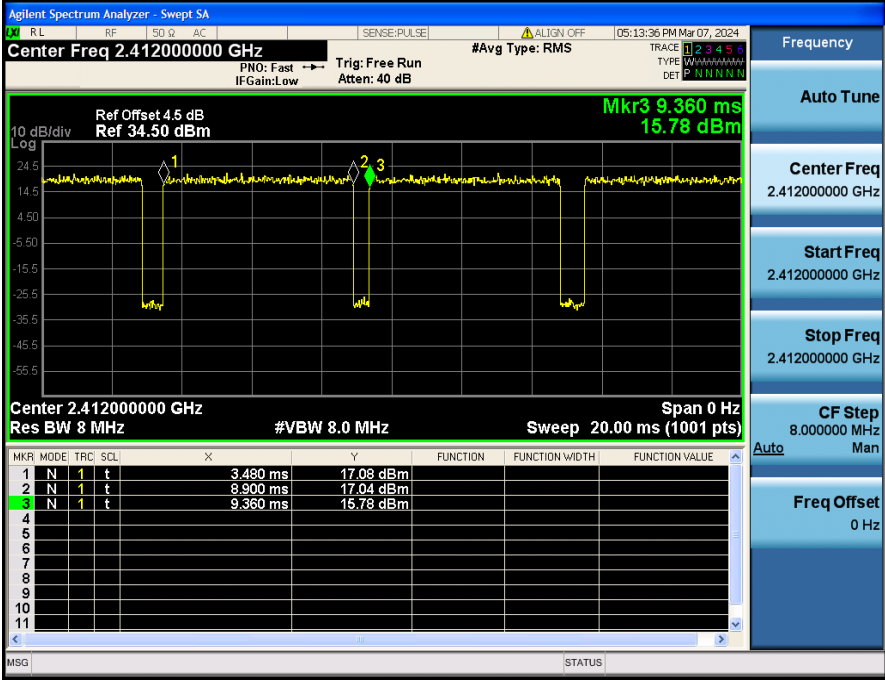
Duty Cycle NVNT_ANT1_802_11g_2437



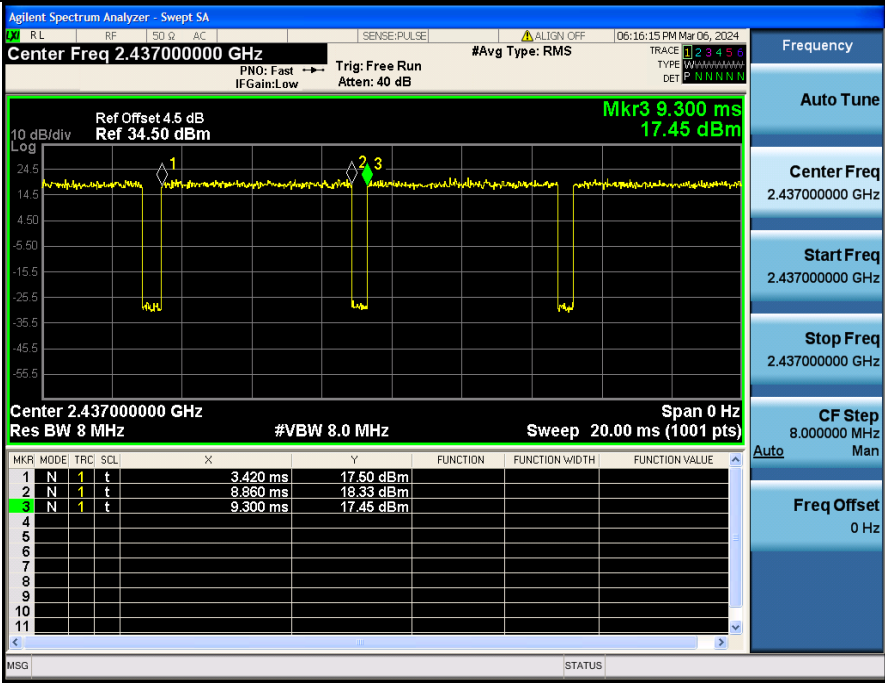
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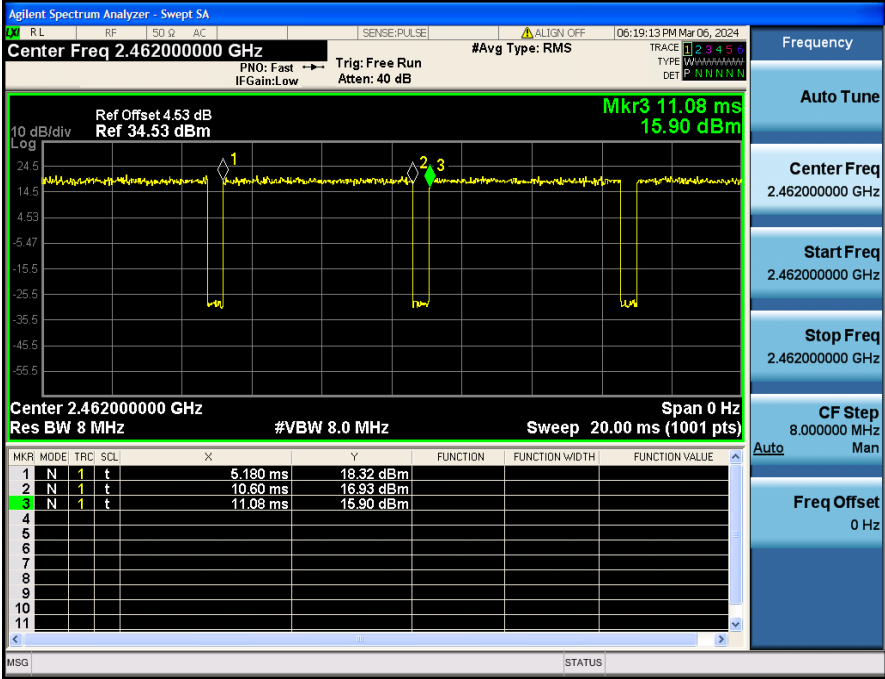
Duty Cycle HVNT_ANT1_802_11n(HT20)_2412



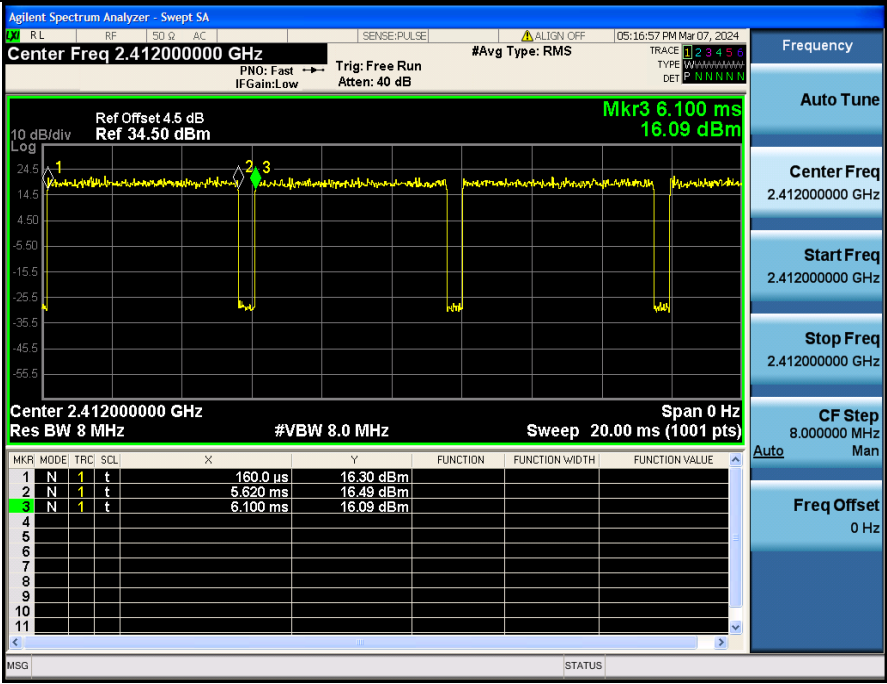
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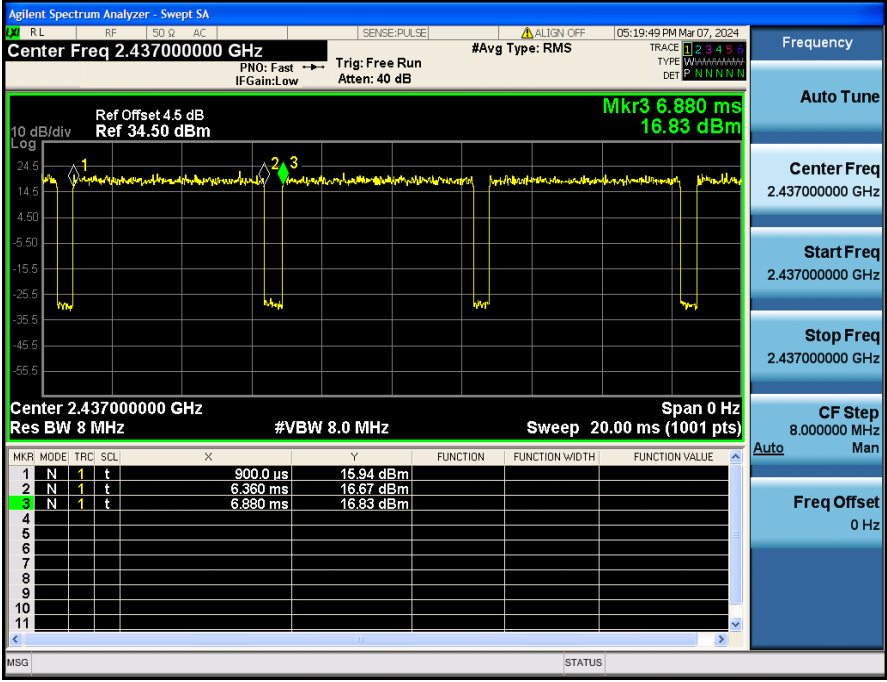
Duty Cycle NVNT ANT1_802_11n(HT20)_2462



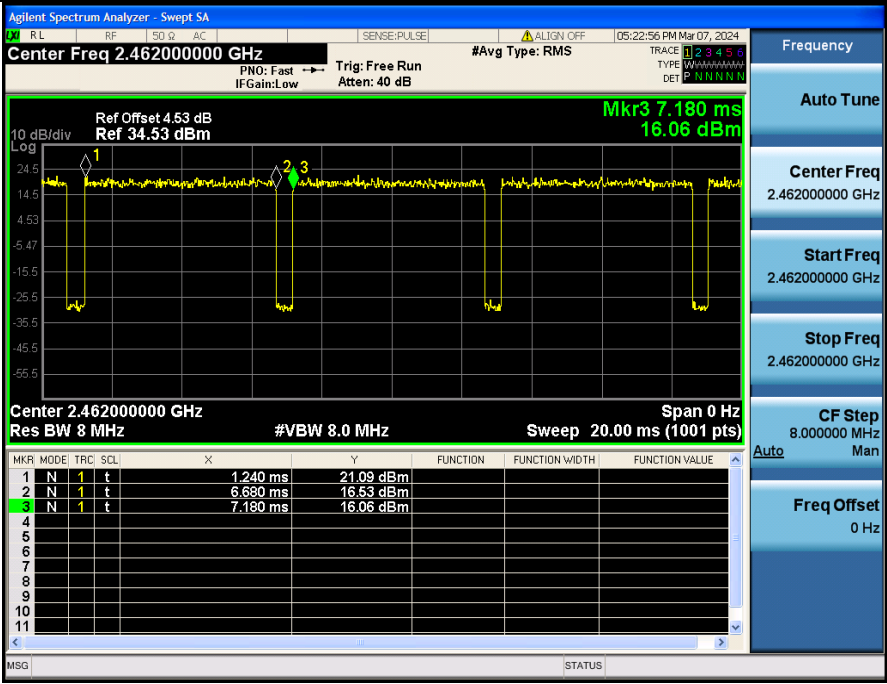
Duty Cycle HVNT ANT1_802_11ax(HE20)_2412



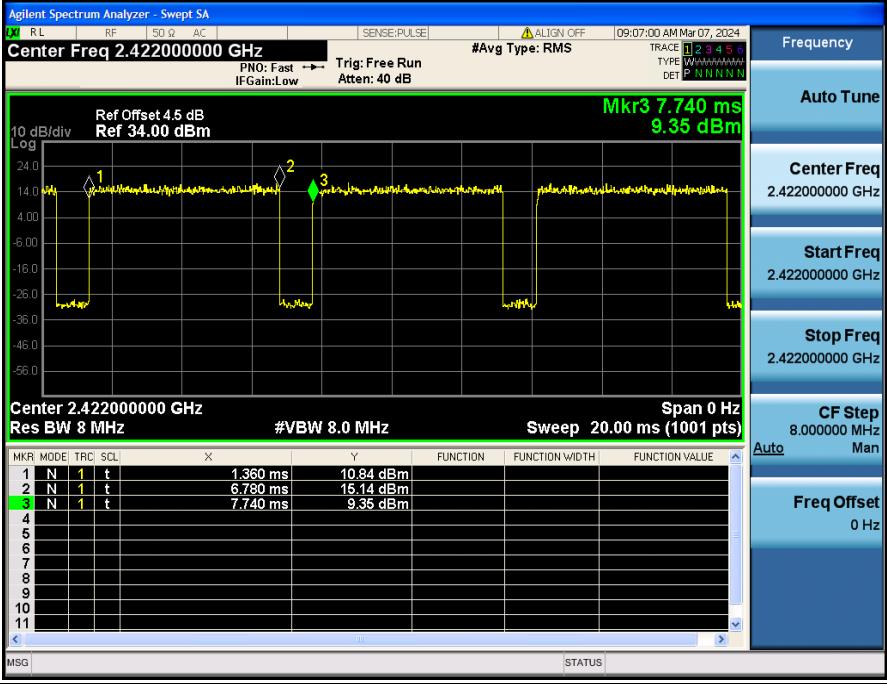
Duty Cycle HVNT_ANT1_802_11ax(HE20)_2437



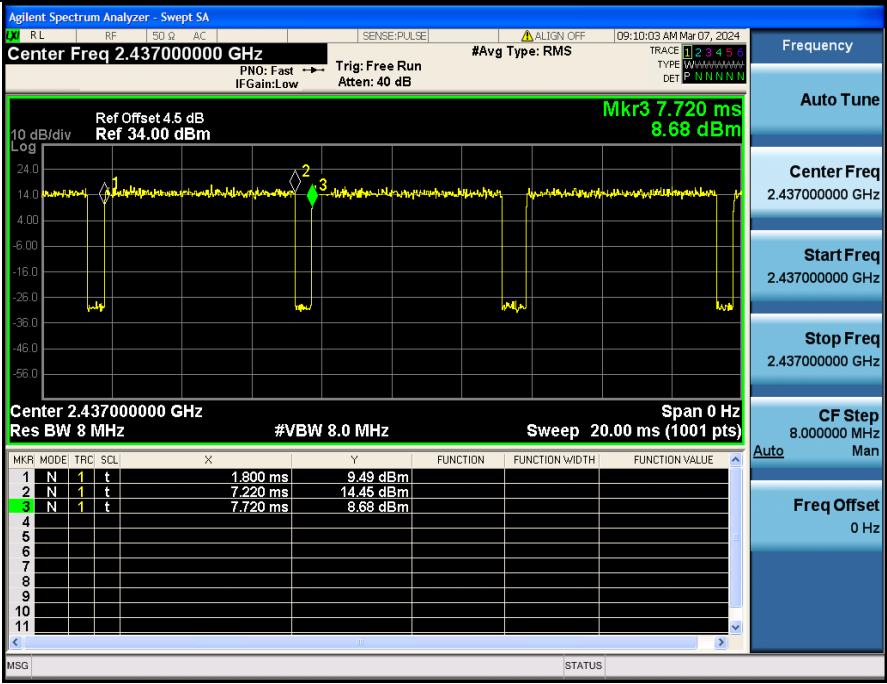
Duty Cycle HVNT_ANT1_802_11ax(HE20)_2462



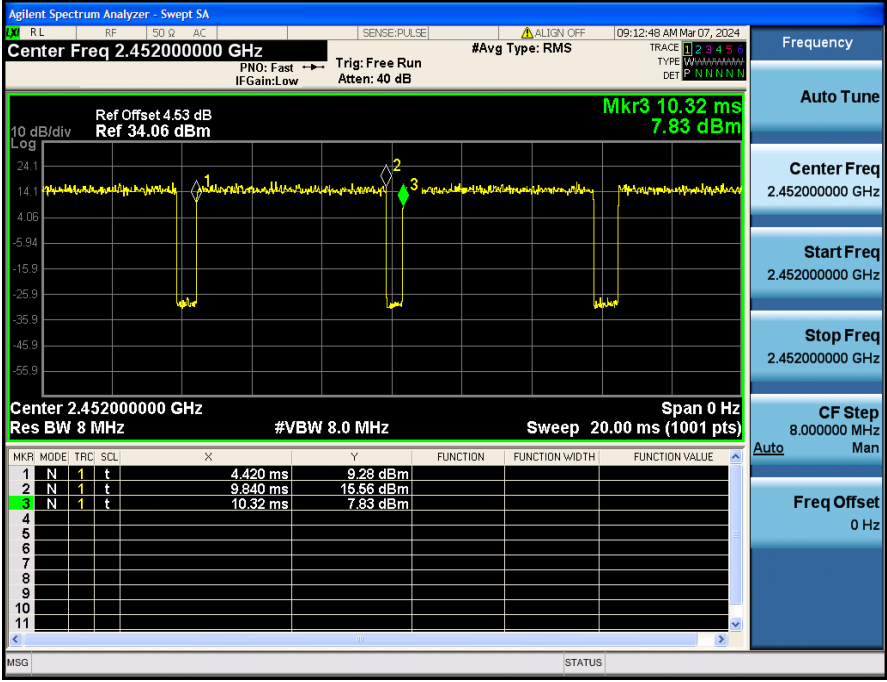
Duty_Cycle_HVNT_ANT1_802_11n(HT40)_2422



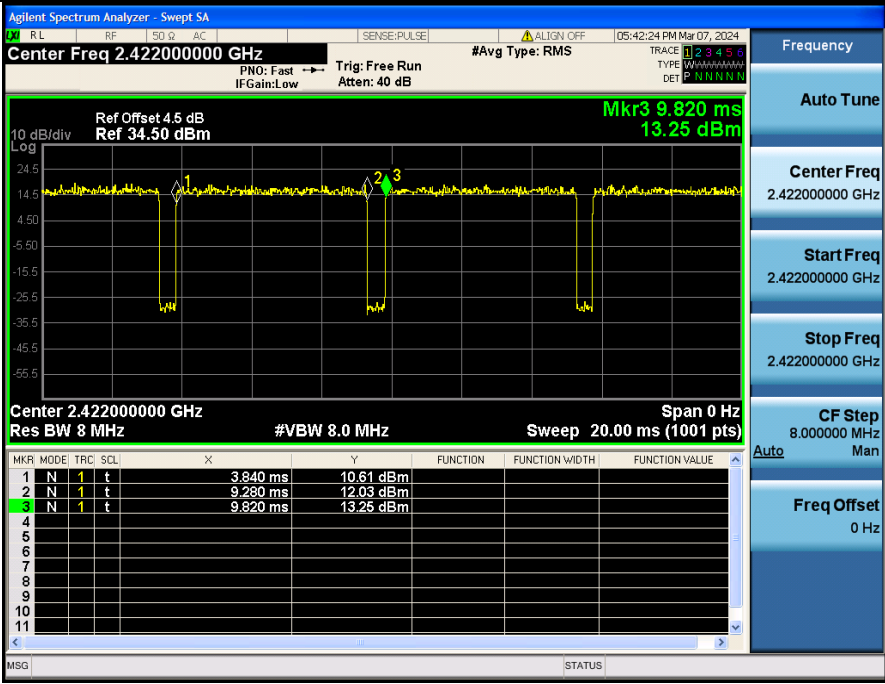
Duty_Cycle_HVNT_ANT1_802_11n(HT40)_2437



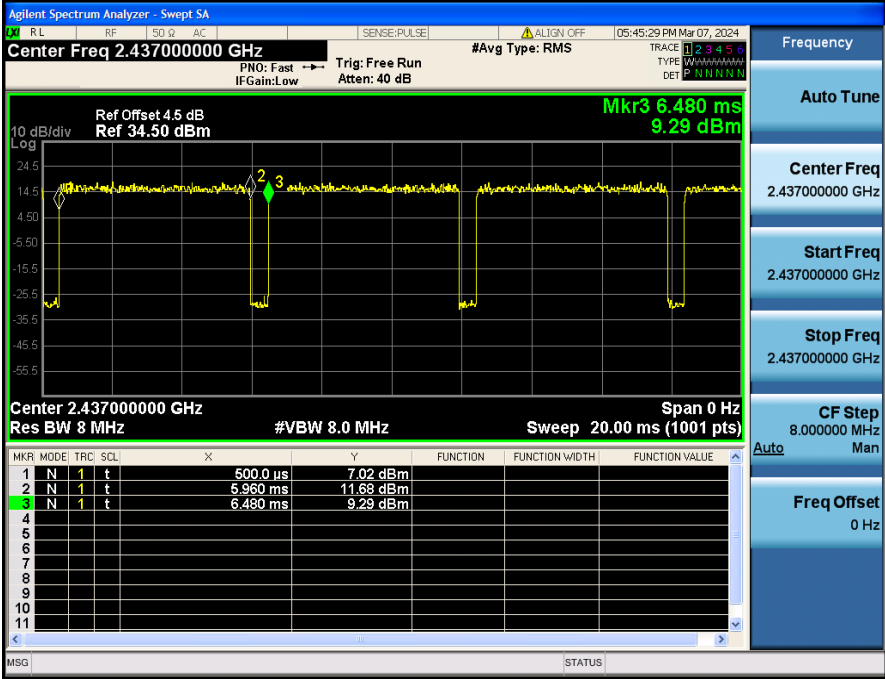
Duty Cycle HVNT_ANT1_802_11n(HT40)_2452



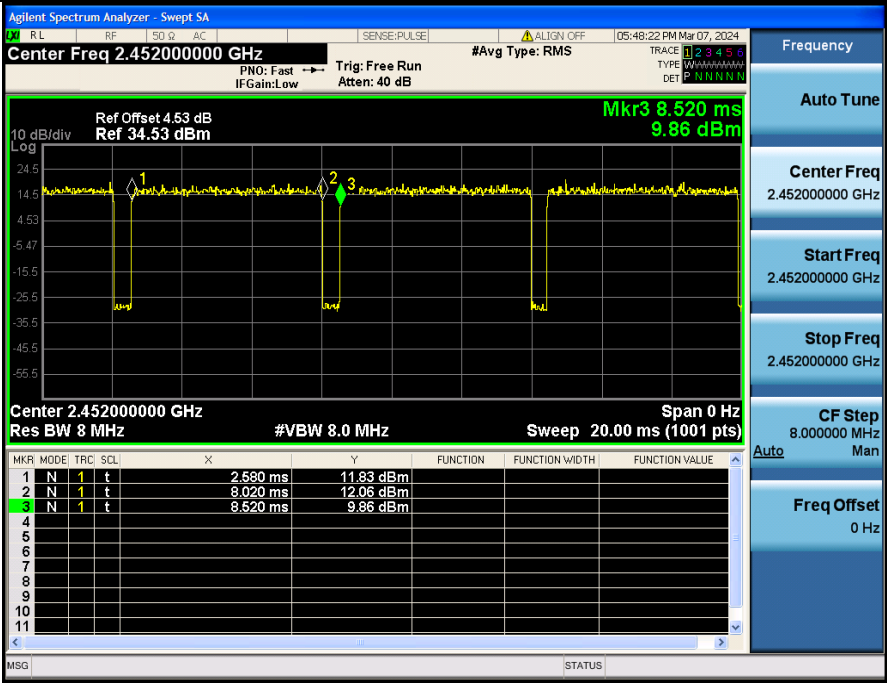
Duty Cycle HVNT_ANT1_802_11ax(HE40)_2422



Duty Cycle_HVNT_ANT1_802_11ax(HE40)_2437



Duty Cycle_HVNT_ANT1_802_11ax(HE40)_2452



4. MAX. Output Power

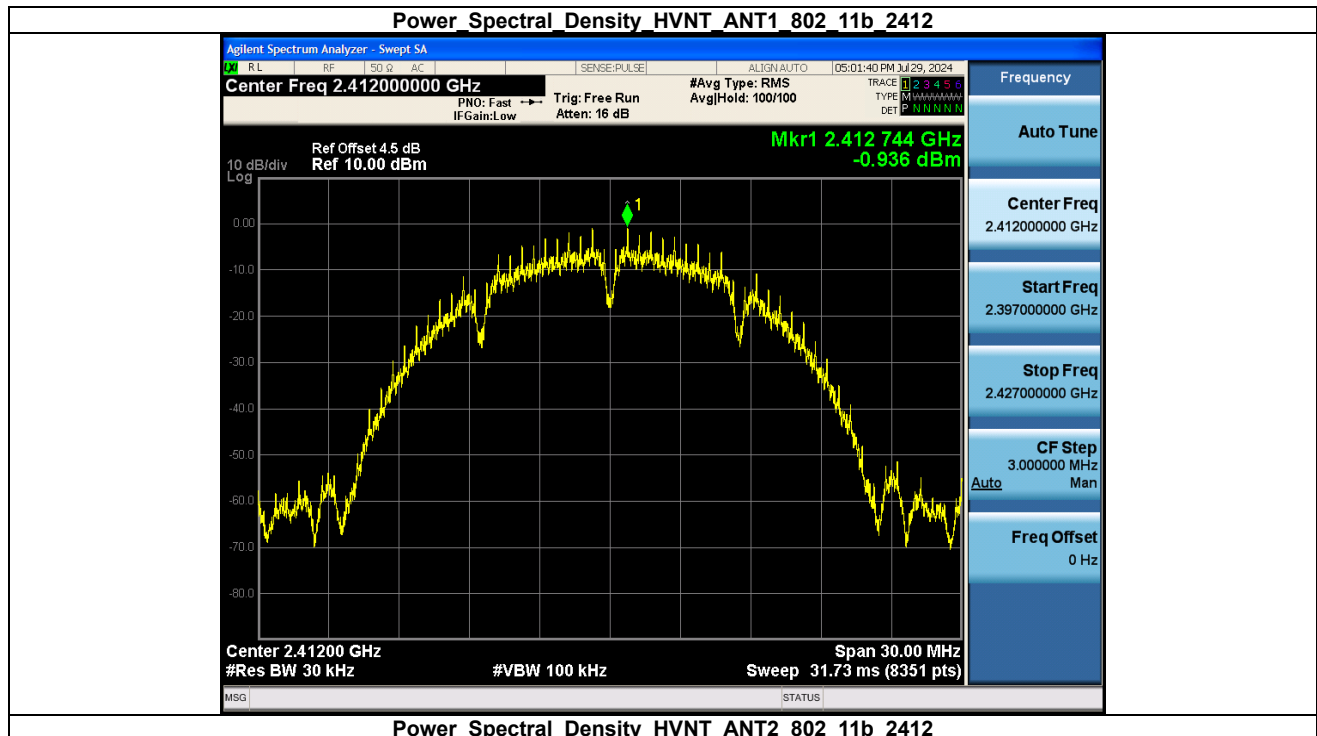
Condition	Antenna	Modulation	Frequency (MHz)	Detector	Conducted Power(dBm)	limit(dBm)	Result
HVNT	ANT1	802.11b	2412.00	Peak	14.48	30	Pass
HVNT	ANT2	802.11b	2412.00	Peak	17.19	30	Pass
HVNT	ANT1	802.11b	2437.00	Peak	14.78	30	Pass
HVNT	ANT2	802.11b	2437.00	Peak	16.95	30	Pass
HVNT	ANT1	802.11b	2462.00	Peak	14.92	30	Pass
HVNT	ANT2	802.11b	2462.00	Peak	17.02	30	Pass
HVNT	ANT1	802.11g	2412.00	Peak	19.48	30	Pass
HVNT	ANT2	802.11g	2412.00	Peak	22.17	30	Pass
HVNT	ANT1	802.11g	2437.00	Peak	19.78	30	Pass
HVNT	ANT2	802.11g	2437.00	Peak	21.76	30	Pass
HVNT	ANT1	802.11g	2462.00	Peak	19.66	30	Pass
HVNT	ANT2	802.11g	2462.00	Peak	21.74	30	Pass
HVNT	ANT1	802.11n(HT20)	2412.00	Peak	19.27	30	Pass
HVNT	ANT2	802.11n(HT20)	2412.00	Peak	22.25	30	Pass
HVNT	ANT1	802.11n(HT20)	2437.00	Peak	19.55	30	Pass
HVNT	ANT2	802.11n(HT20)	2437.00	Peak	22.04	30	Pass
HVNT	ANT1	802.11n(HT20)	2462.00	Peak	19.26	30	Pass
HVNT	ANT2	802.11n(HT20)	2462.00	Peak	22.01	30	Pass
HVNT	ANT1	802.11n(HT40)	2422.00	Peak	20.07	30	Pass
HVNT	ANT2	802.11n(HT40)	2422.00	Peak	22.62	30	Pass
HVNT	ANT1	802.11n(HT40)	2437.00	Peak	20.16	30	Pass
HVNT	ANT2	802.11n(HT40)	2437.00	Peak	22.54	30	Pass
HVNT	ANT1	802.11n(HT40)	2452.00	Peak	20.14	30	Pass
HVNT	ANT2	802.11n(HT40)	2452.00	Peak	22.42	30	Pass
HVNT	ANT1	802.11ax(HE20)	2412.00	Peak	19.11	30	Pass
HVNT	ANT2	802.11ax(HE20)	2412.00	Peak	21.95	30	Pass
HVNT	ANT1	802.11ax(HE20)	2437.00	Peak	19.85	30	Pass
HVNT	ANT2	802.11ax(HE20)	2437.00	Peak	22.36	30	Pass
HVNT	ANT1	802.11ax(HE20)	2462.00	Peak	18.77	30	Pass
HVNT	ANT2	802.11ax(HE20)	2462.00	Peak	22.26	30	Pass
HVNT	ANT1	802.11ax(HE40)	2422.00	Peak	21.26	30	Pass
HVNT	ANT2	802.11ax(HE40)	2422.00	Peak	22.15	30	Pass
HVNT	ANT1	802.11ax(HE40)	2437.00	Peak	20.26	30	Pass
HVNT	ANT2	802.11ax(HE40)	2437.00	Peak	21.86	30	Pass
HVNT	ANT1	802.11ax(HE40)	2452.00	Peak	21.36	30	Pass
HVNT	ANT2	802.11ax(HE40)	2452.00	Peak	21.99	30	Pass

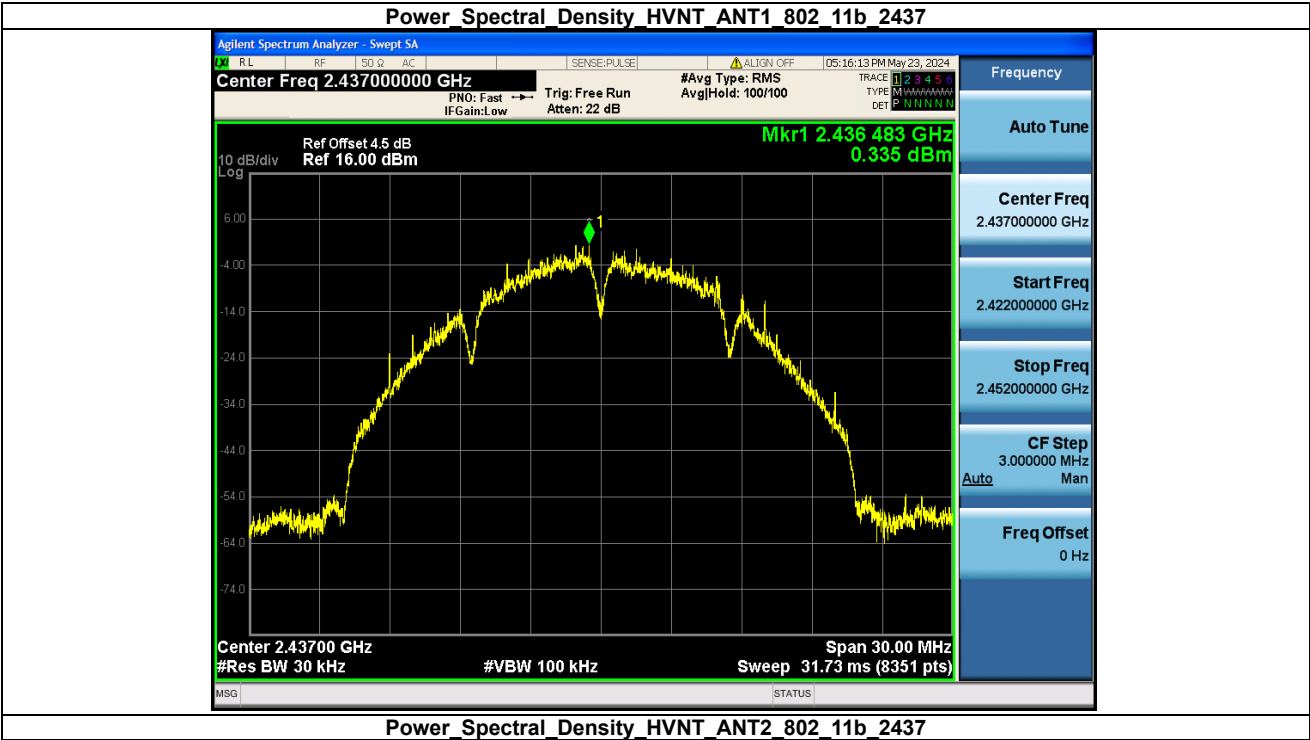
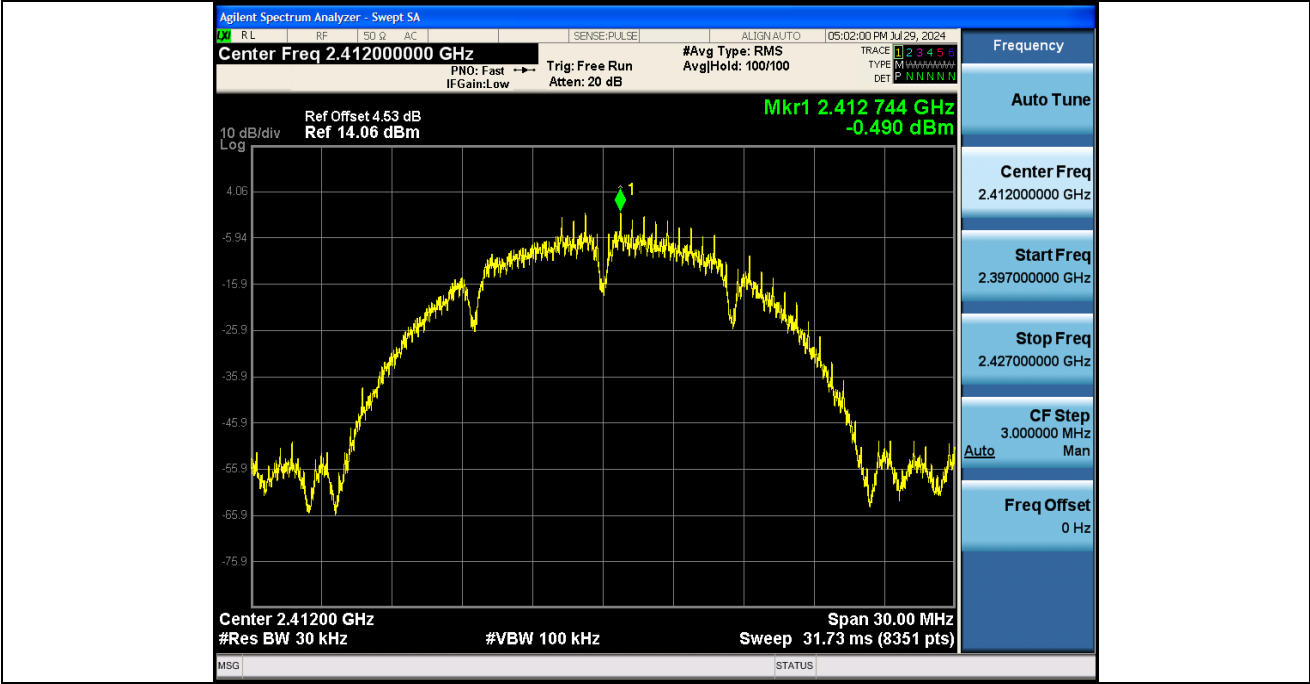
Condition	Antenna	Mode	Frequency(MHz)	MIMO_Conducted_Power(dBm)	Limit(dBm)	Result
HVNT	MIMO_TX	802.11n(HT20)	2412.00	24.02	30	Pass
HVNT	MIMO_TX	802.11n(HT20)	2437.00	23.98	30	Pass
HVNT	MIMO_TX	802.11n(HT20)	2462.00	23.86	30	Pass
HVNT	MIMO_TX	802.11n(HT40)	2422.00	24.54	30	Pass
HVNT	MIMO_TX	802.11n(HT40)	2437.00	24.52	30	Pass
HVNT	MIMO_TX	802.11n(HT40)	2452.00	24.44	30	Pass
HVNT	MIMO_TX	802.11ax(HE20)	2412.00	23.77	30	Pass
HVNT	MIMO_TX	802.11ax(HE20)	2437.00	24.29	30	Pass
HVNT	MIMO_TX	802.11ax(HE20)	2462.00	23.87	30	Pass
HVNT	MIMO_TX	802.11ax(HE40)	2422.00	24.74	30	Pass
HVNT	MIMO_TX	802.11ax(HE40)	2437.00	24.14	30	Pass
HVNT	MIMO_TX	802.11ax(HE40)	2452.00	24.70	30	Pass

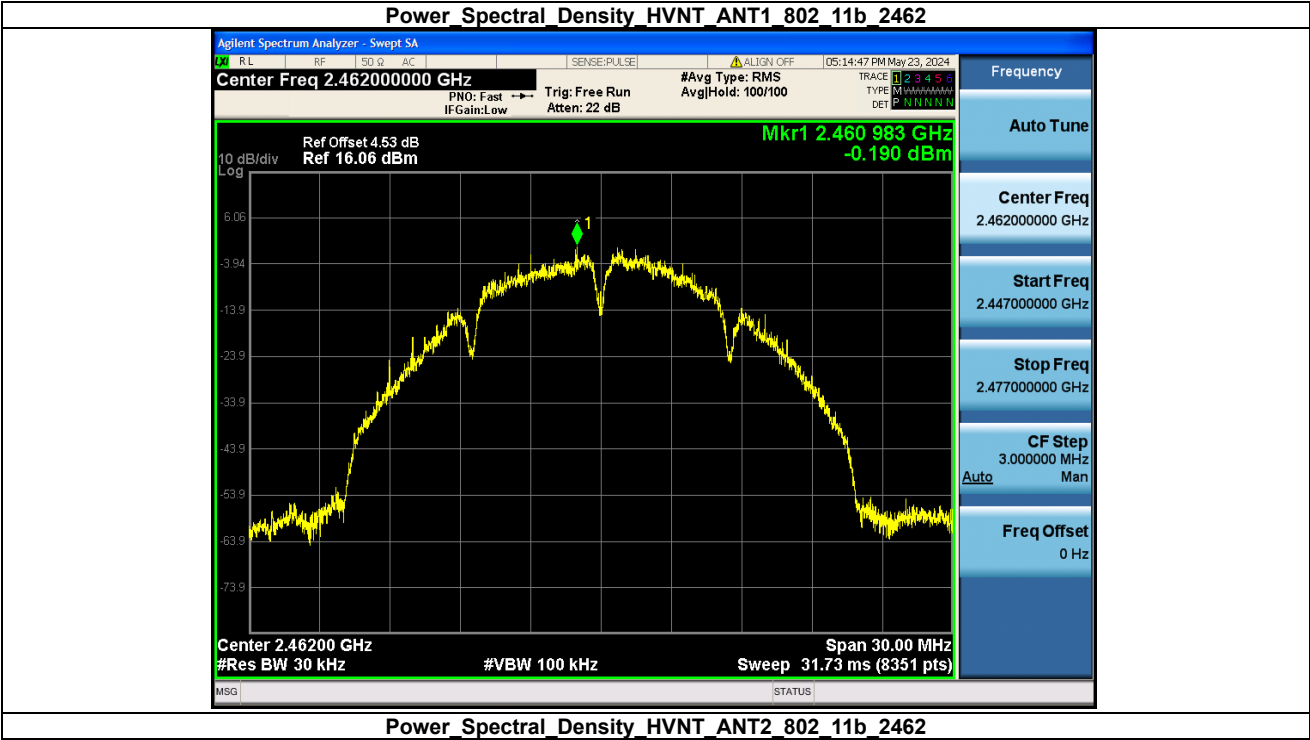
MIMO = ANT1+ ANT2

5. Power Spectral Density

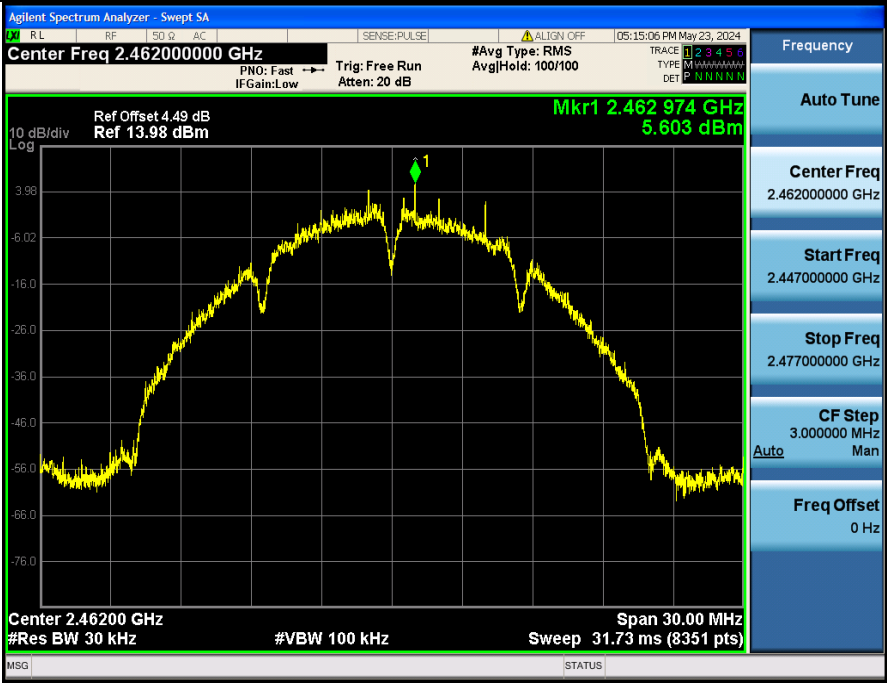
Condition	Antenna	Modulation	Frequency (MHz)	PSD(dBm/30kHz)	Duty factor(dB)	RB factor(dB)	PSD(dBm/3kHz)	limit(dBm/3kHz)	Result
HVNT	ANT1	802.11b	2412.00	-0.94	N/A	-10.00	-10.94	8	Pass
HVNT	ANT2	802.11b	2412.00	-0.49	N/A	-10.00	-10.49	8	Pass
HVNT	ANT1	802.11b	2437.00	0.34	N/A	-10.00	-9.66	8	Pass
HVNT	ANT2	802.11b	2437.00	6.38	N/A	-10.00	-3.62	8	Pass
HVNT	ANT1	802.11b	2462.00	-0.19	N/A	-10.00	-10.19	8	Pass
HVNT	ANT2	802.11b	2462.00	5.60	N/A	-10.00	-4.40	8	Pass
HVNT	ANT1	802.11g	2412.00	-1.61	N/A	-10.00	-11.62	8	Pass
HVNT	ANT2	802.11g	2412.00	1.32	N/A	-10.00	-8.68	8	Pass
HVNT	ANT1	802.11g	2437.00	-5.63	N/A	-10.00	-15.63	8	Pass
HVNT	ANT2	802.11g	2437.00	-4.77	N/A	-10.00	-14.77	8	Pass
HVNT	ANT1	802.11g	2462.00	-1.51	N/A	-10.00	-11.51	8	Pass
HVNT	ANT2	802.11g	2462.00	0.84	N/A	-10.00	-9.16	8	Pass
HVNT	ANT1	802.11n(HT20)	2412.00	-5.40	N/A	-10.00	-15.40	8	Pass
HVNT	ANT2	802.11n(HT20)	2412.00	-5.12	N/A	-10.00	-15.12	8	Pass
HVNT	ANT1	802.11n(HT20)	2437.00	-1.59	N/A	-10.00	-11.59	8	Pass
HVNT	ANT2	802.11n(HT20)	2437.00	0.93	N/A	-10.00	-9.07	8	Pass
HVNT	ANT1	802.11n(HT20)	2462.00	-1.86	N/A	-10.00	-11.86	8	Pass
HVNT	ANT2	802.11n(HT20)	2462.00	-0.23	N/A	-10.00	-10.23	8	Pass
HVNT	ANT1	802.11n(HT40)	2422.00	-4.29	N/A	-10.00	-14.29	8	Pass
HVNT	ANT2	802.11n(HT40)	2422.00	-1.29	N/A	-10.00	-11.29	8	Pass
HVNT	ANT1	802.11n(HT40)	2437.00	-4.35	N/A	-10.00	-14.35	8	Pass
HVNT	ANT2	802.11n(HT40)	2437.00	-2.22	N/A	-10.00	-12.22	8	Pass
HVNT	ANT1	802.11n(HT40)	2452.00	-4.58	N/A	-10.00	-14.58	8	Pass
HVNT	ANT2	802.11n(HT40)	2452.00	-1.66	N/A	-10.00	-11.66	8	Pass



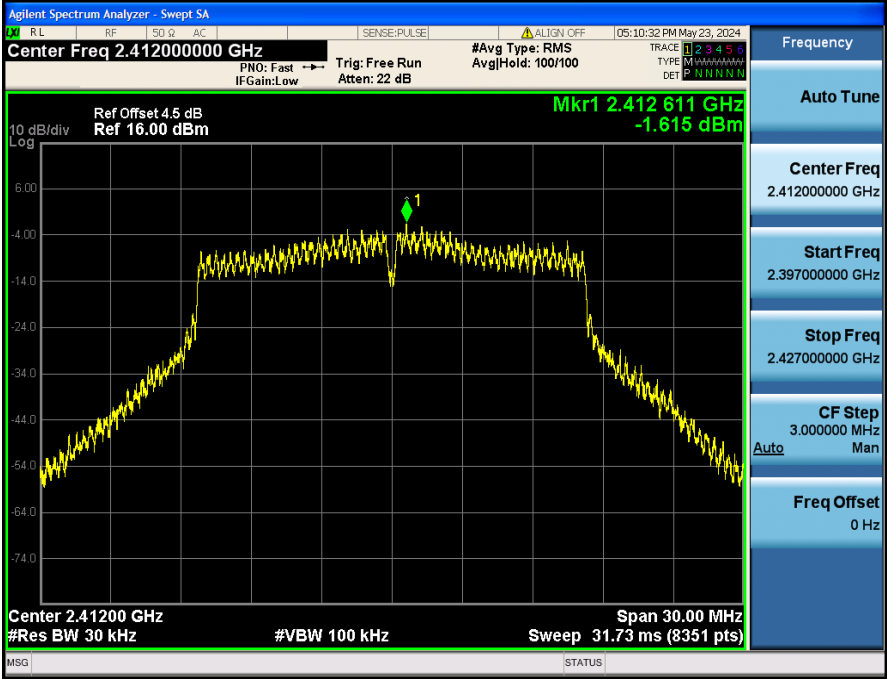




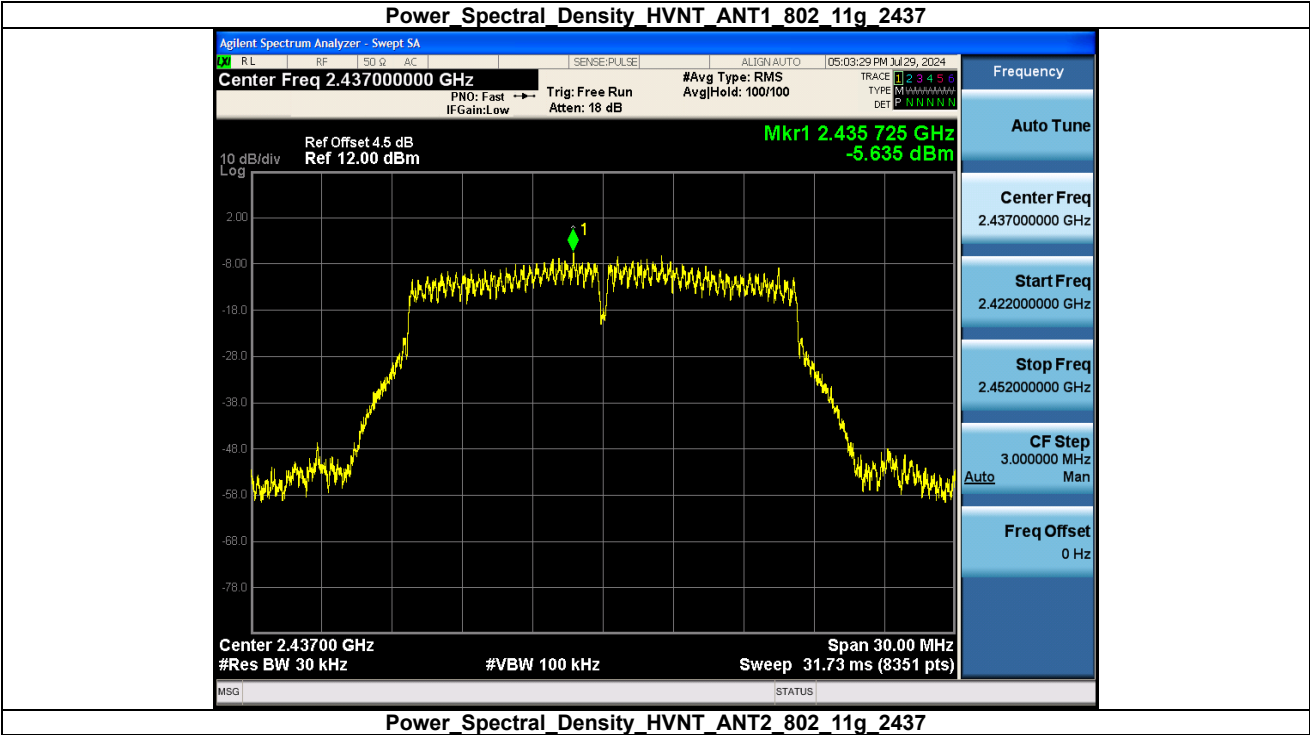
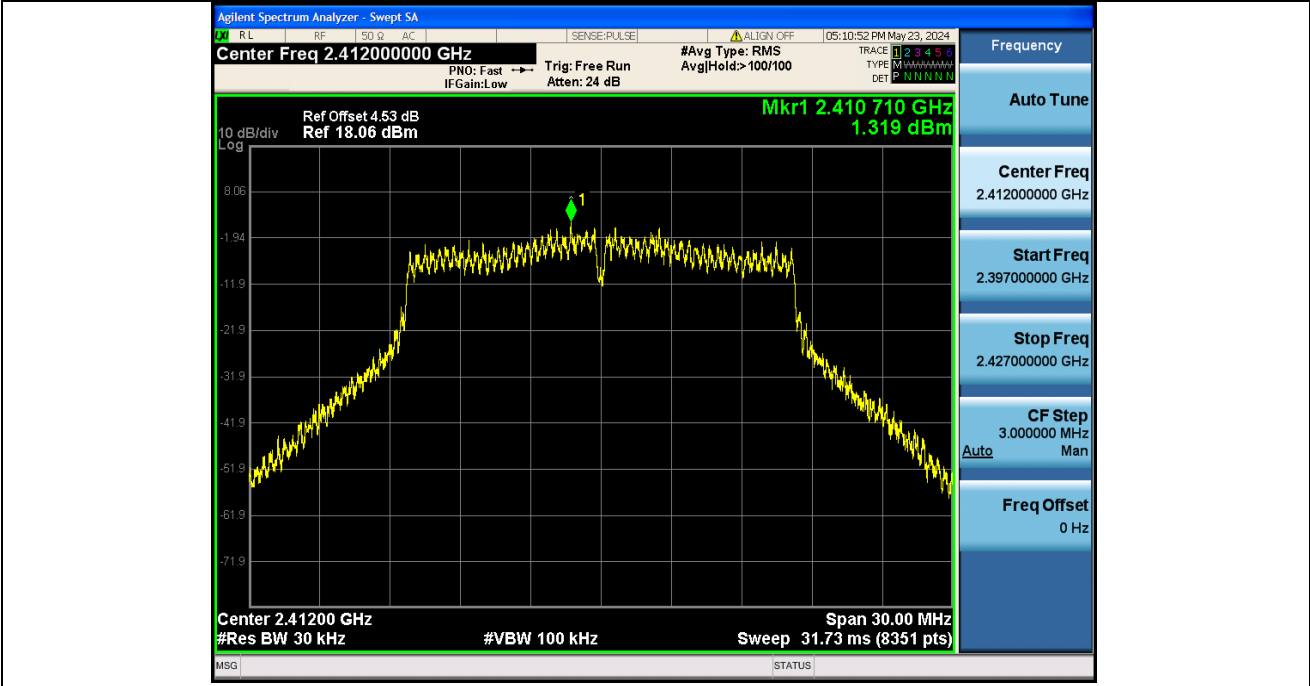
Power Spectral Density HVNT ANT2 802 11b 2462



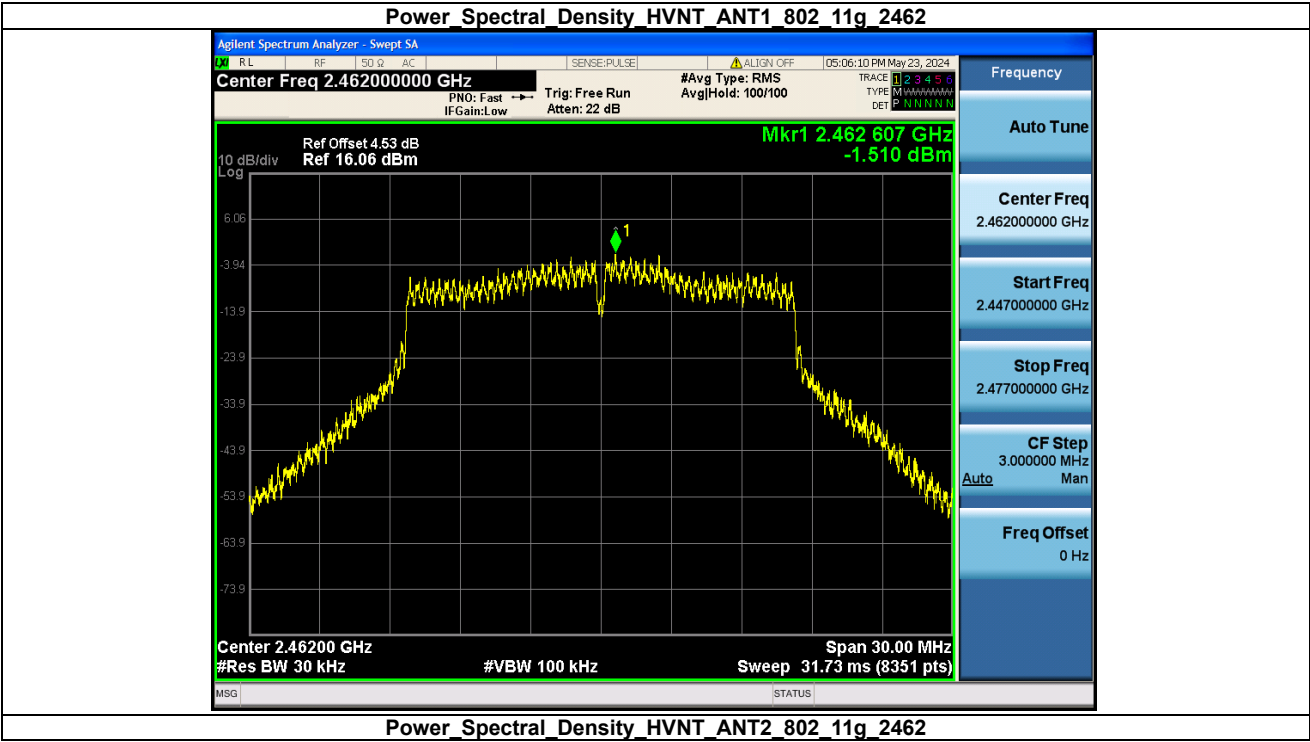
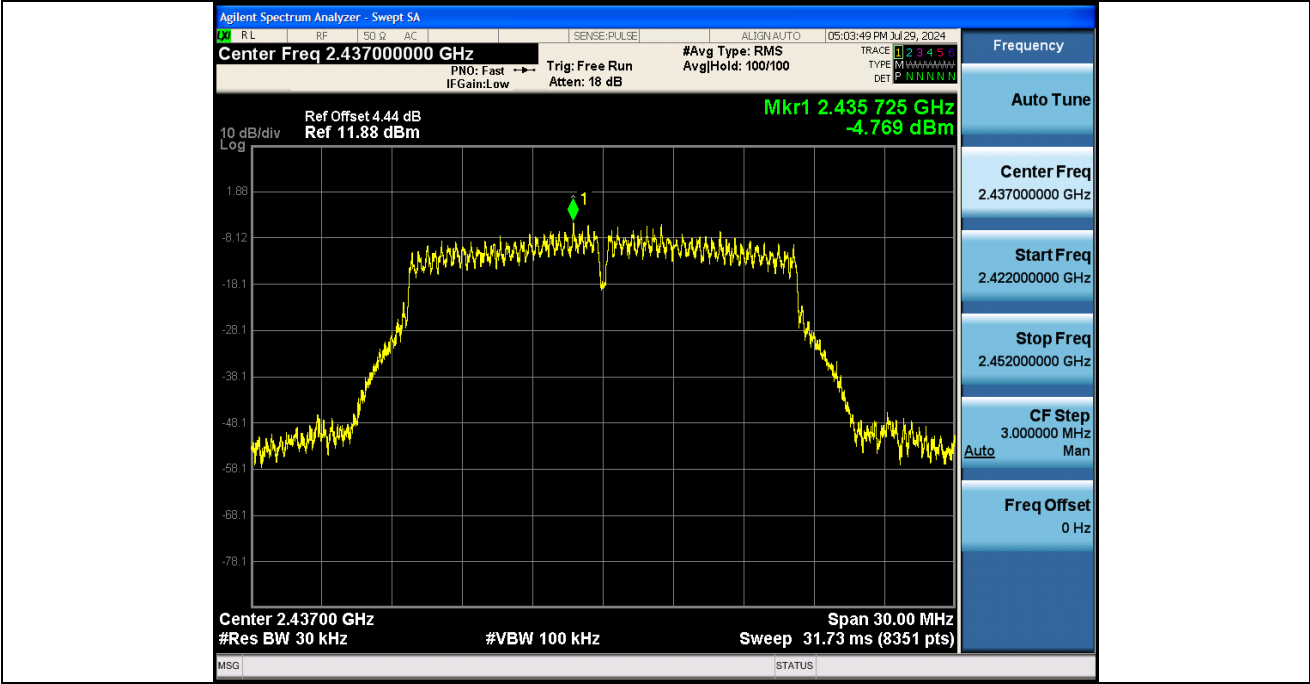
Power Spectral Density HVNT ANT1_802_11g_2412

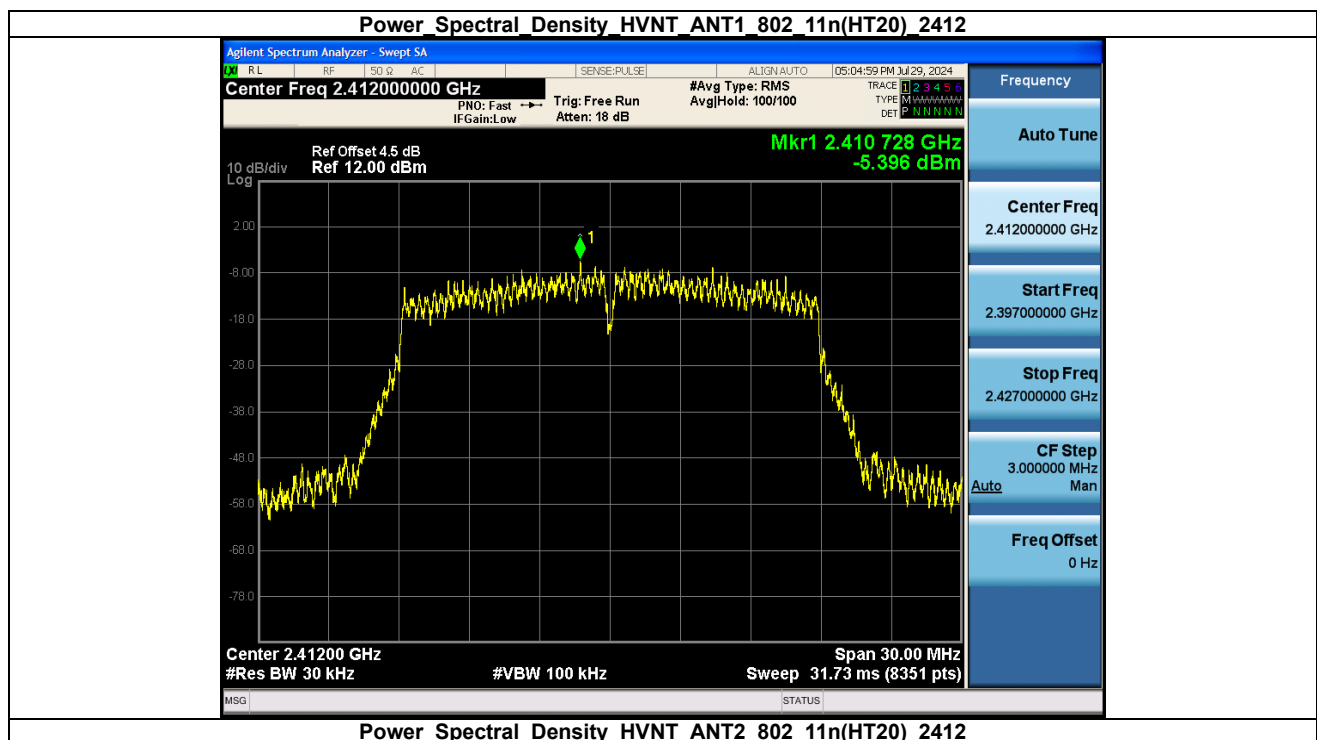
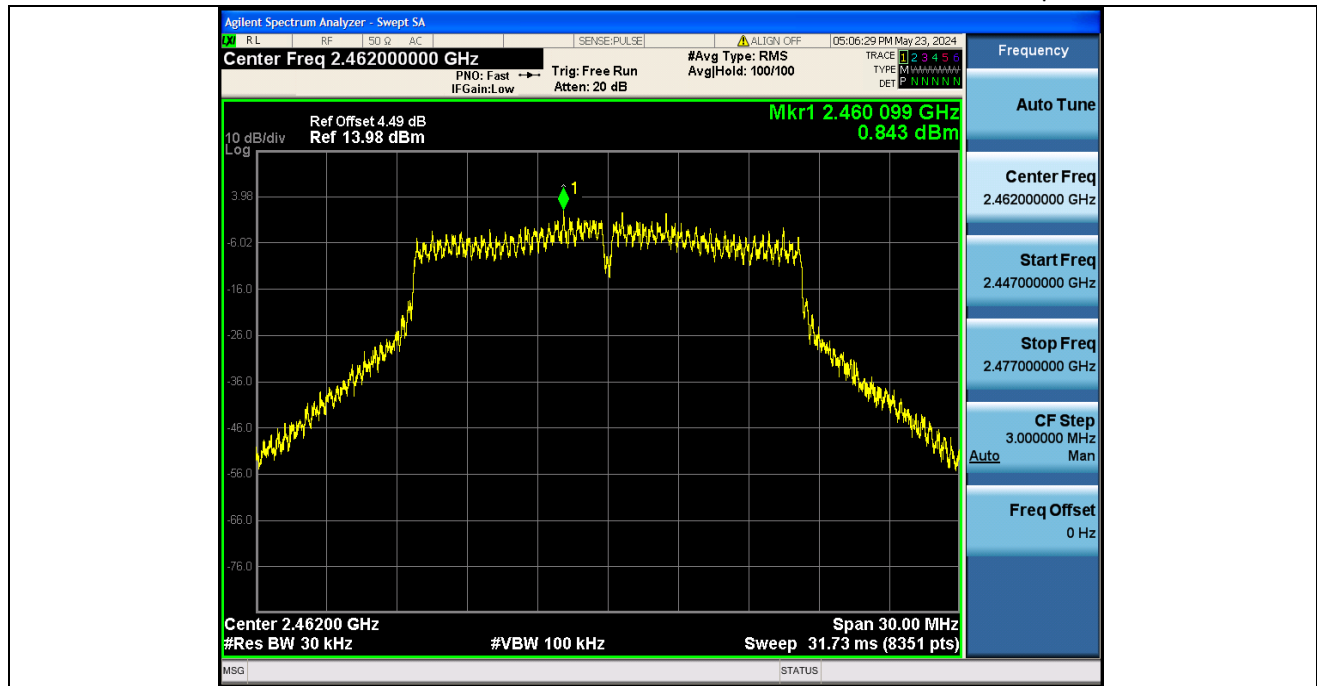


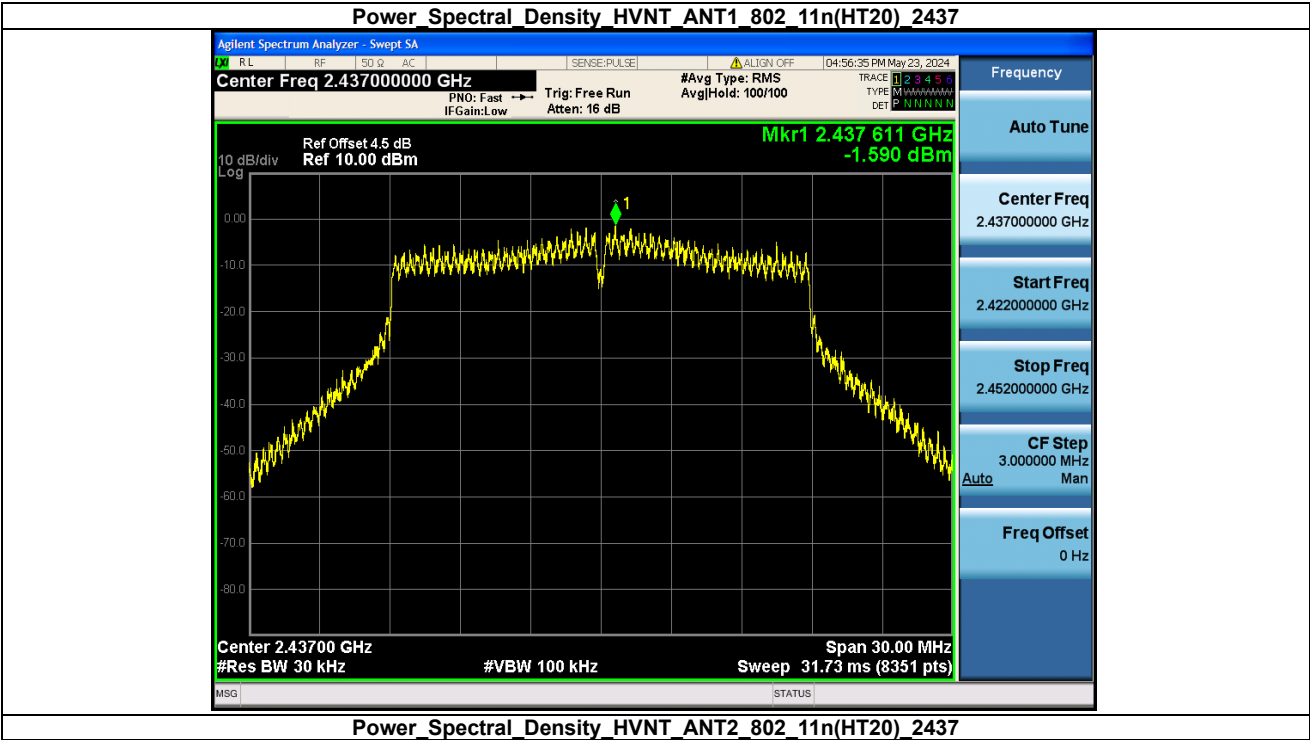
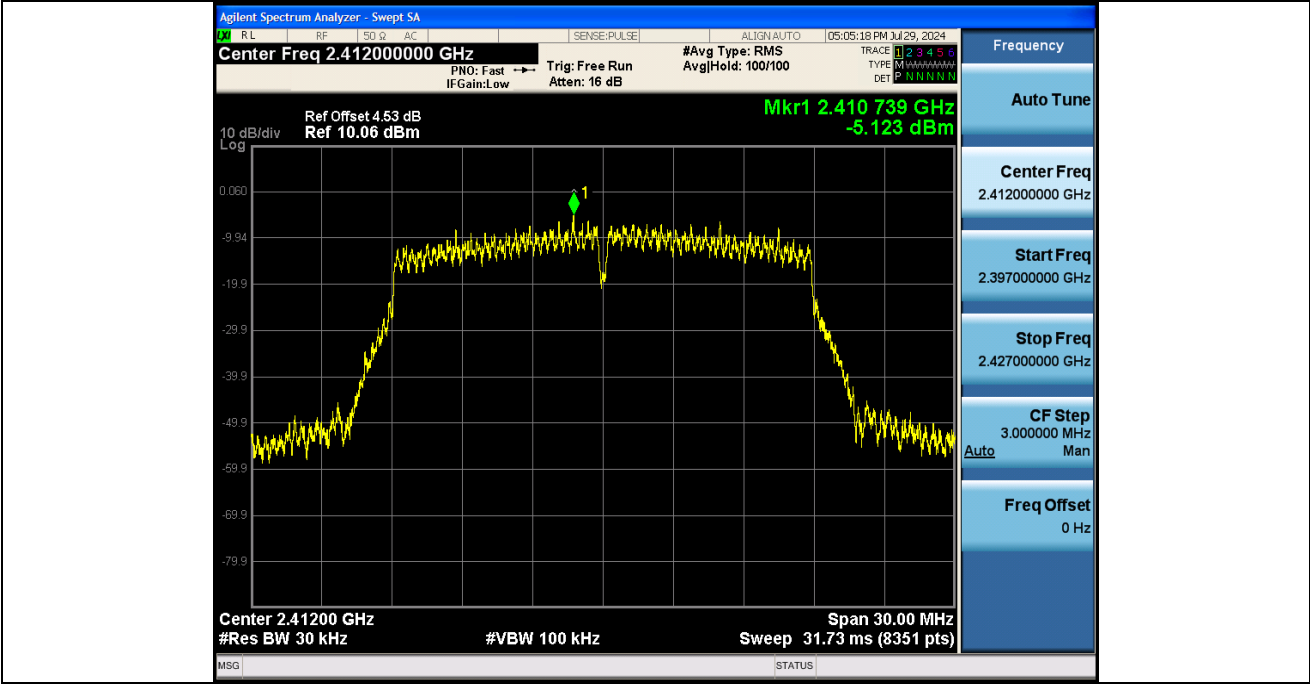
Power Spectral Density HVNT ANT2_802_11g_2412



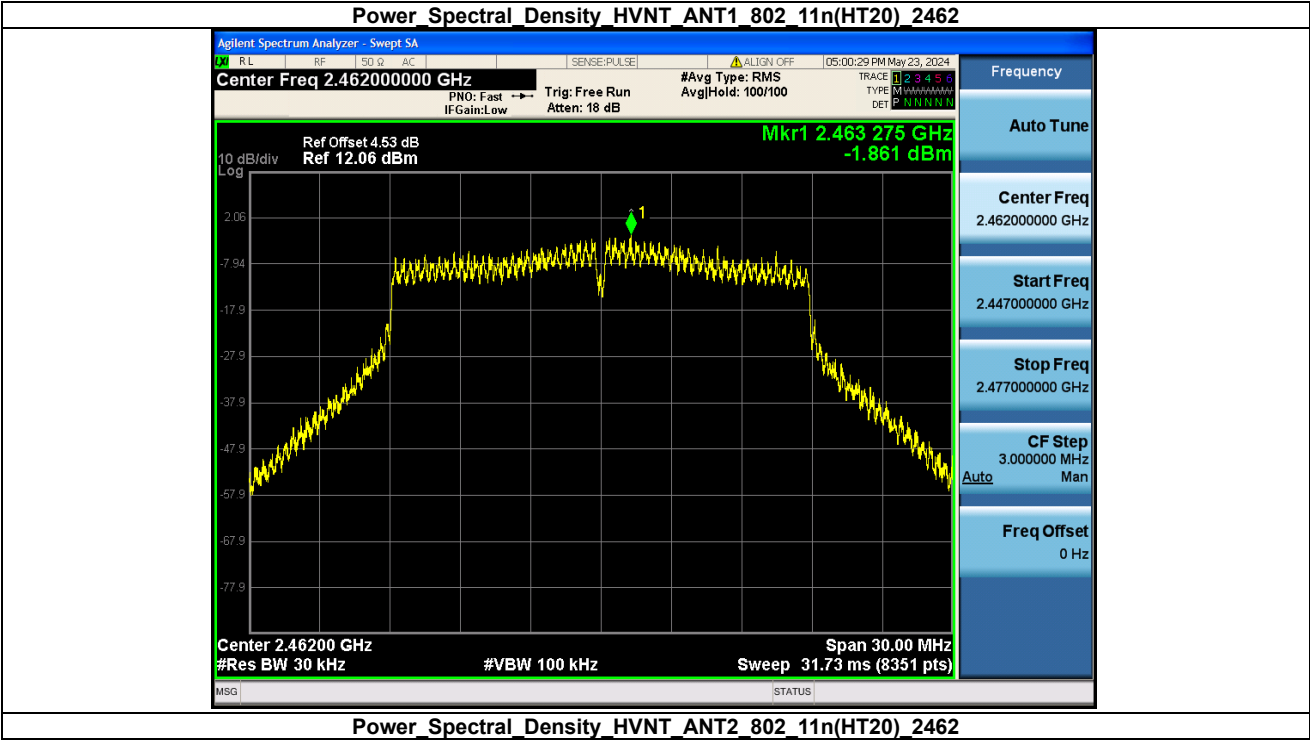
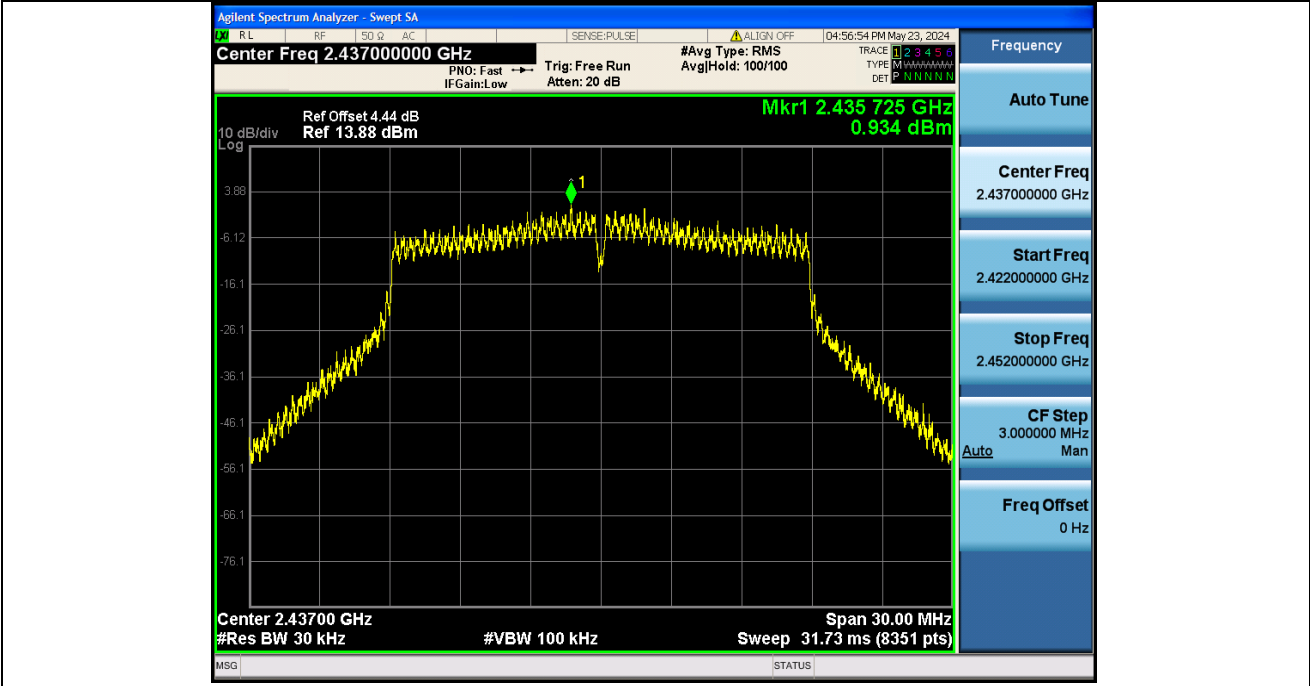
Power Spectral Density HVNT ANT2 802 11g 2437



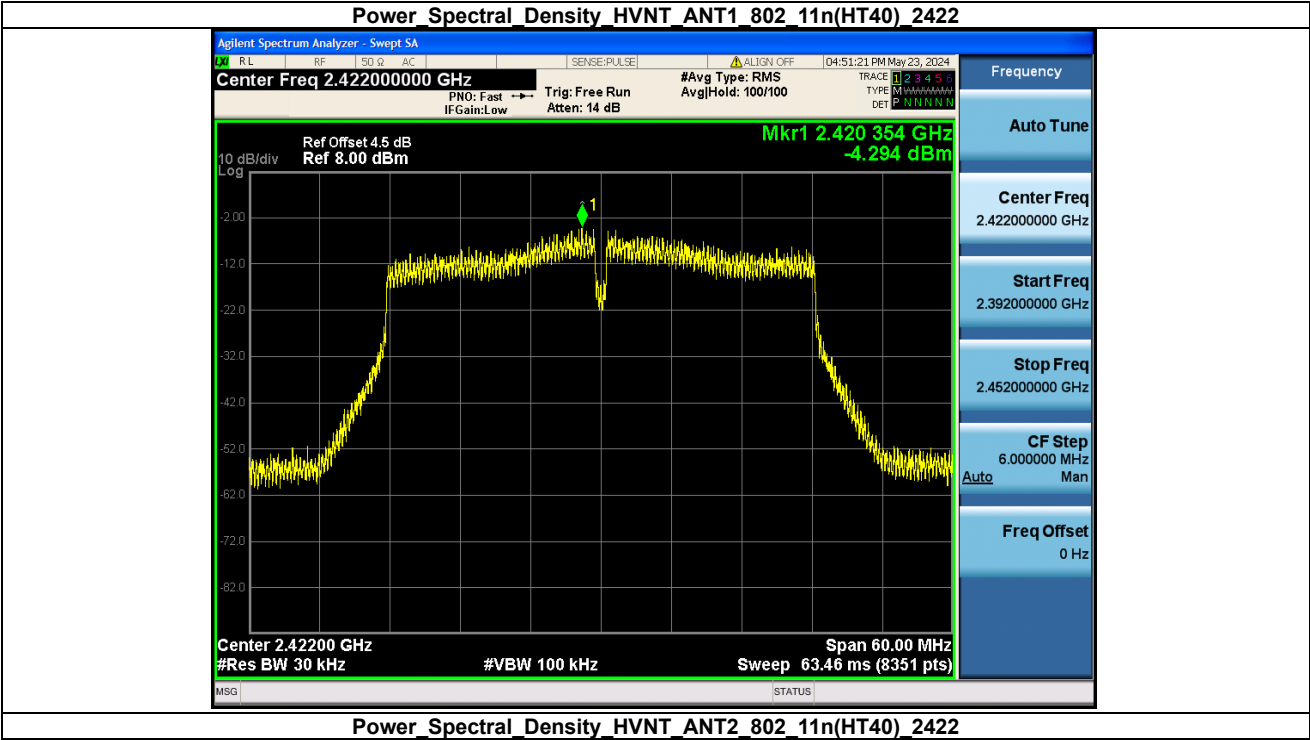
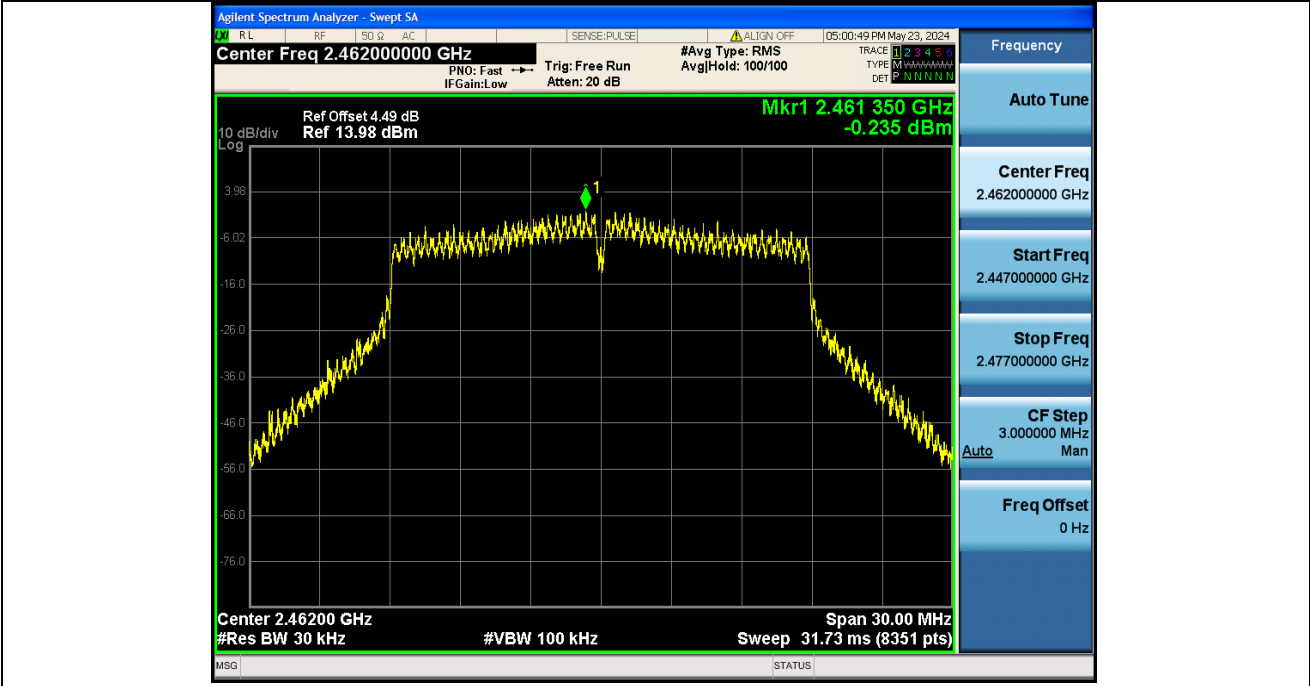




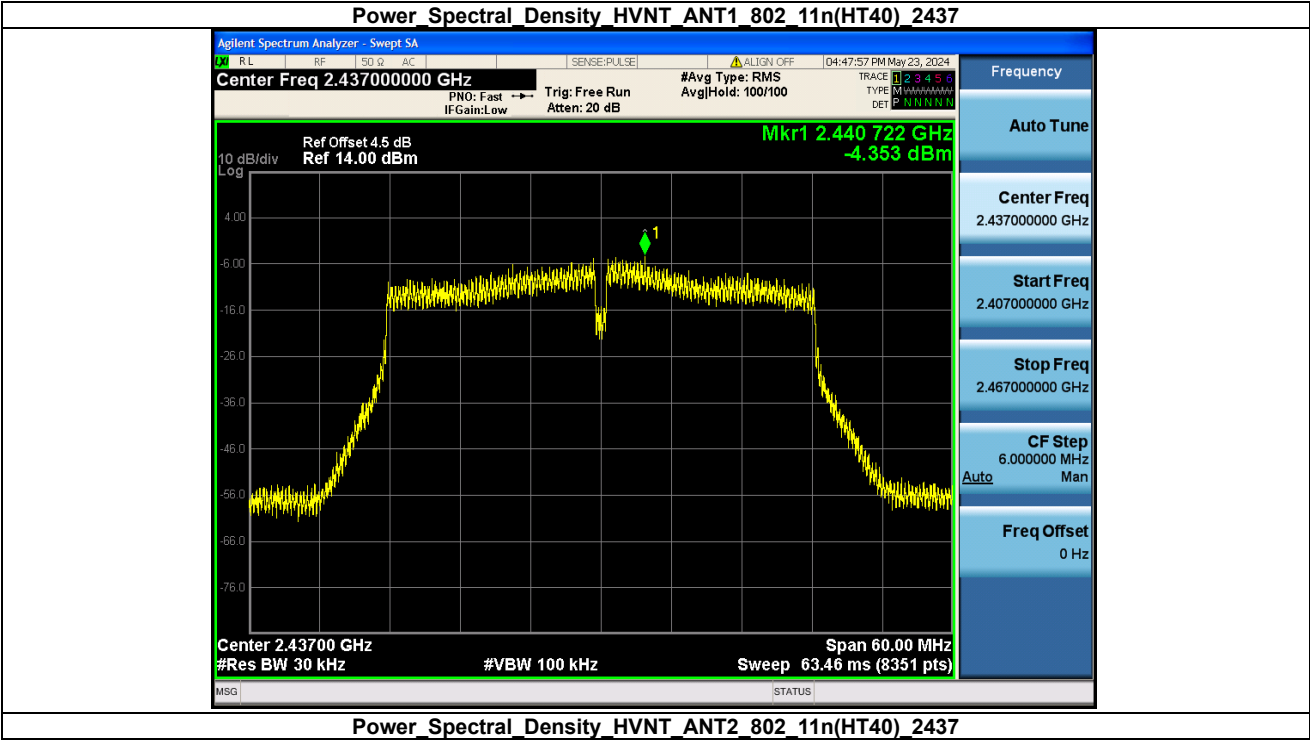
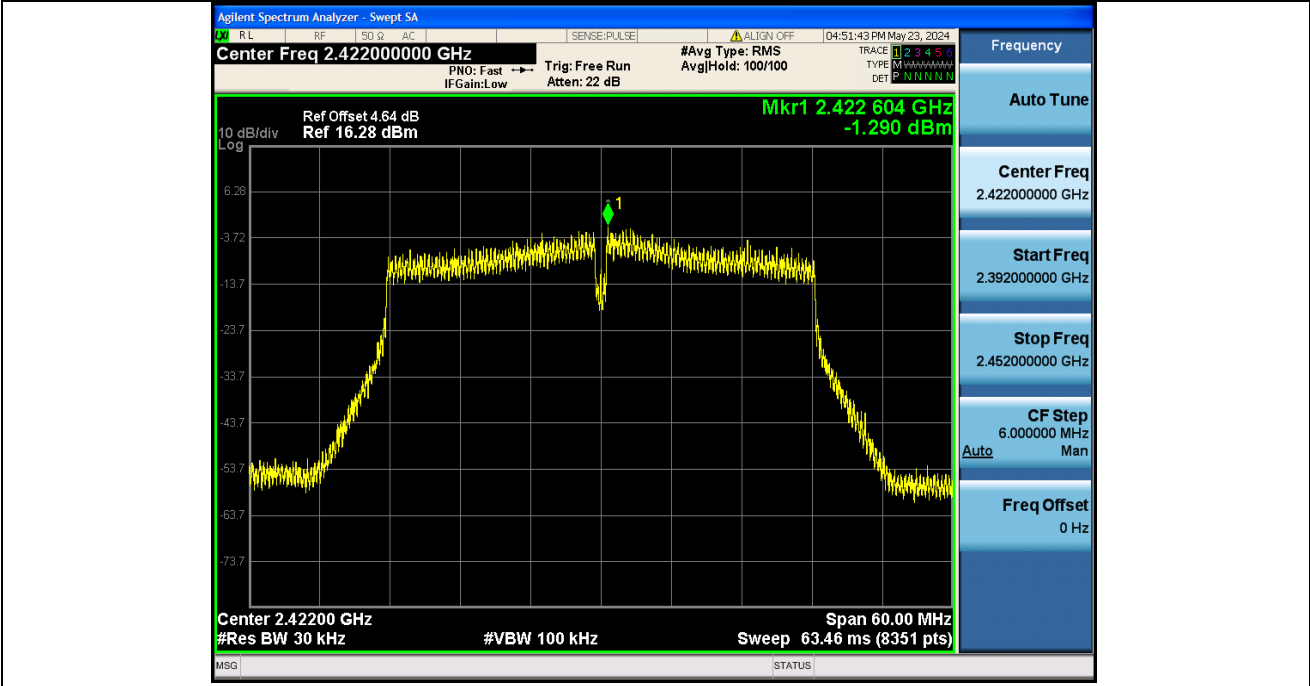
Power Spectral Density HVNT ANT2 802 11n(HT20) 2437



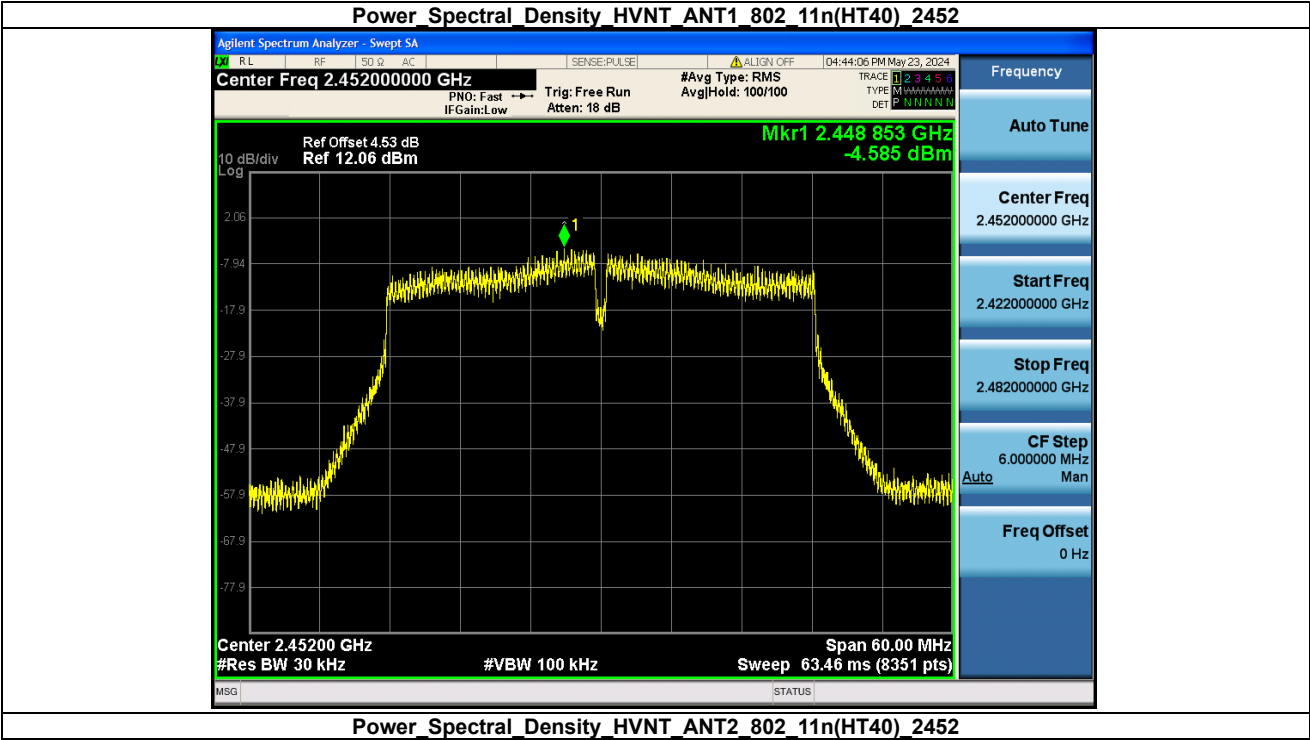
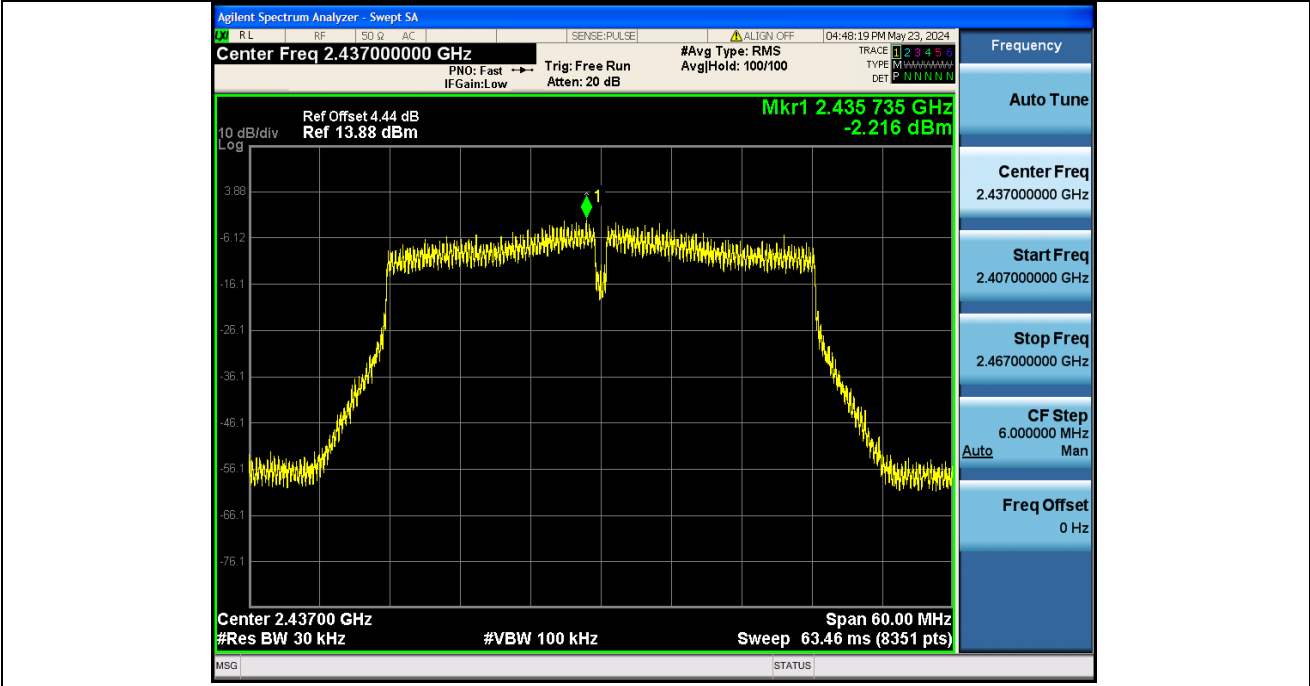
Power Spectral Density HVNT ANT2_802_11n(HT20)_2462



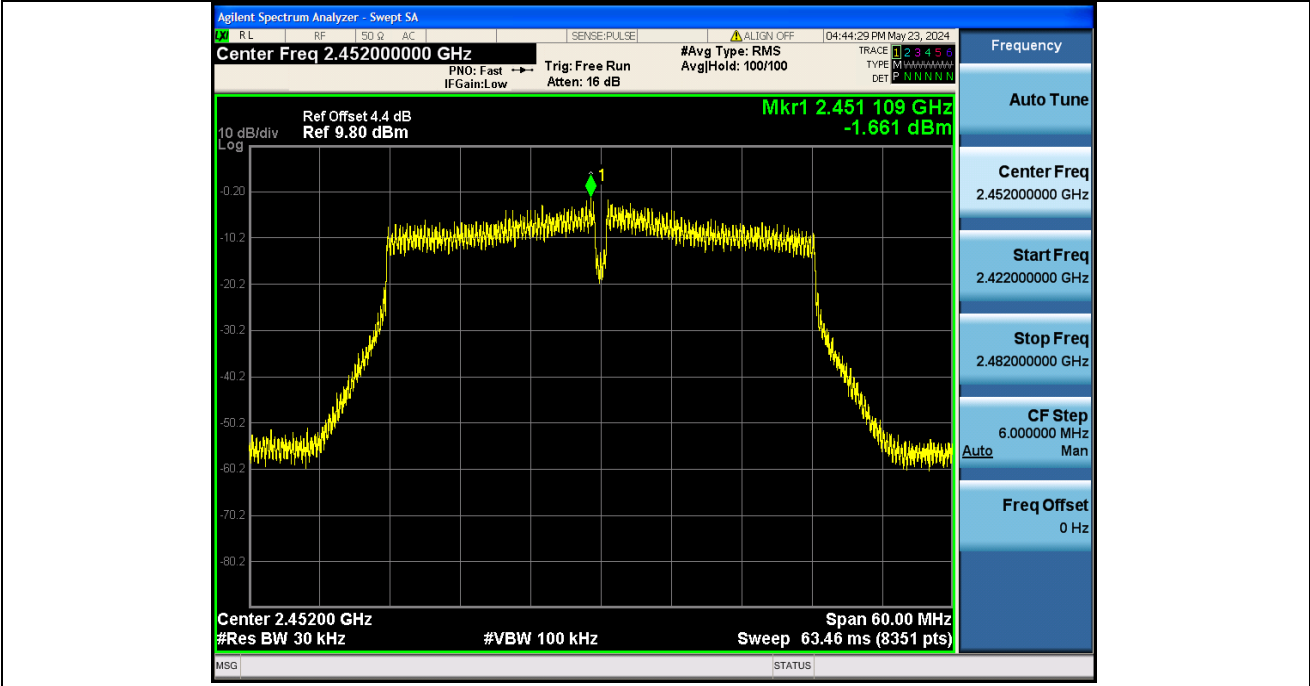
Power Spectral Density HVNT ANT2_802_11n(HT40)_2422



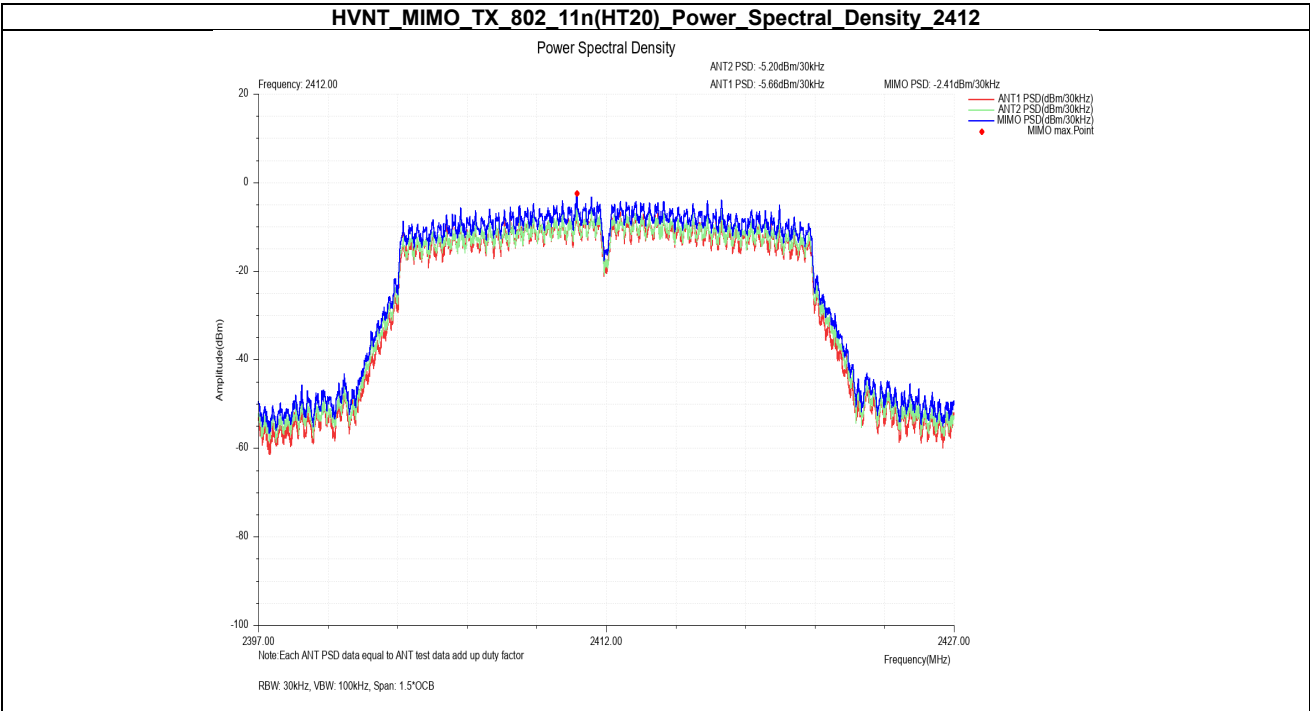
Power Spectral Density HVNT ANT2_802_11n(HT40)_2437



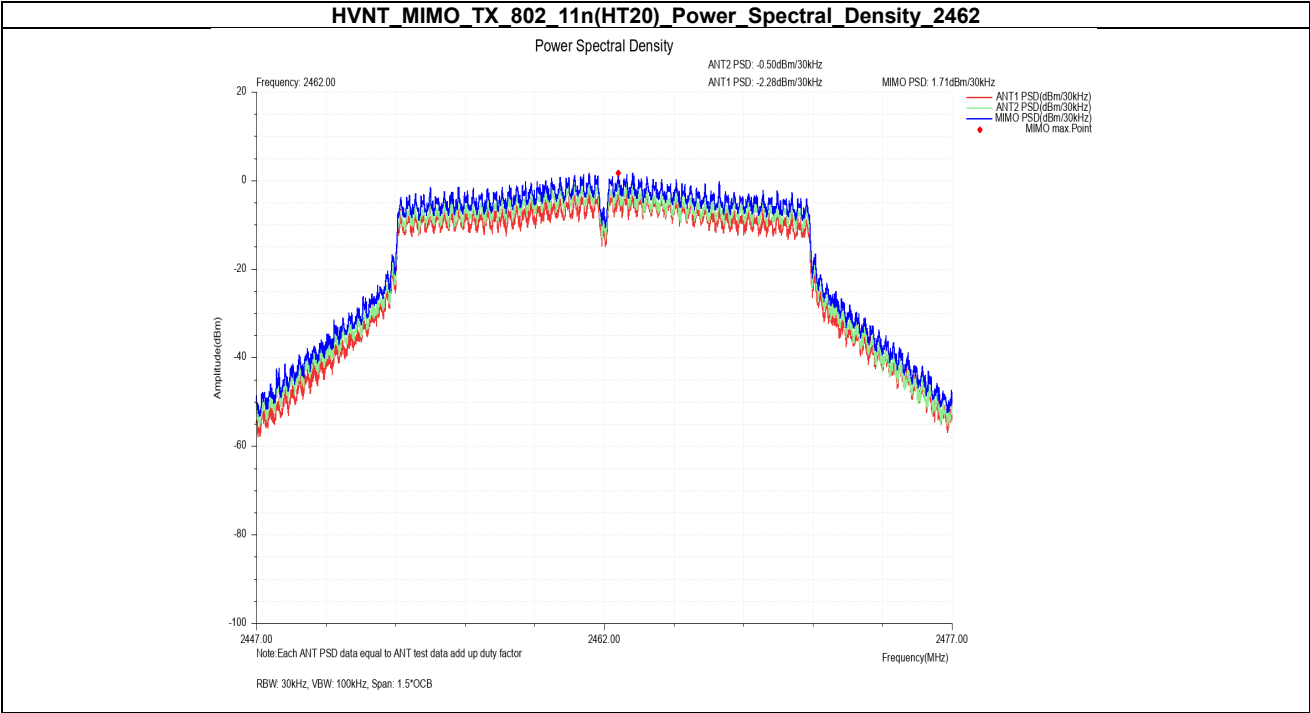
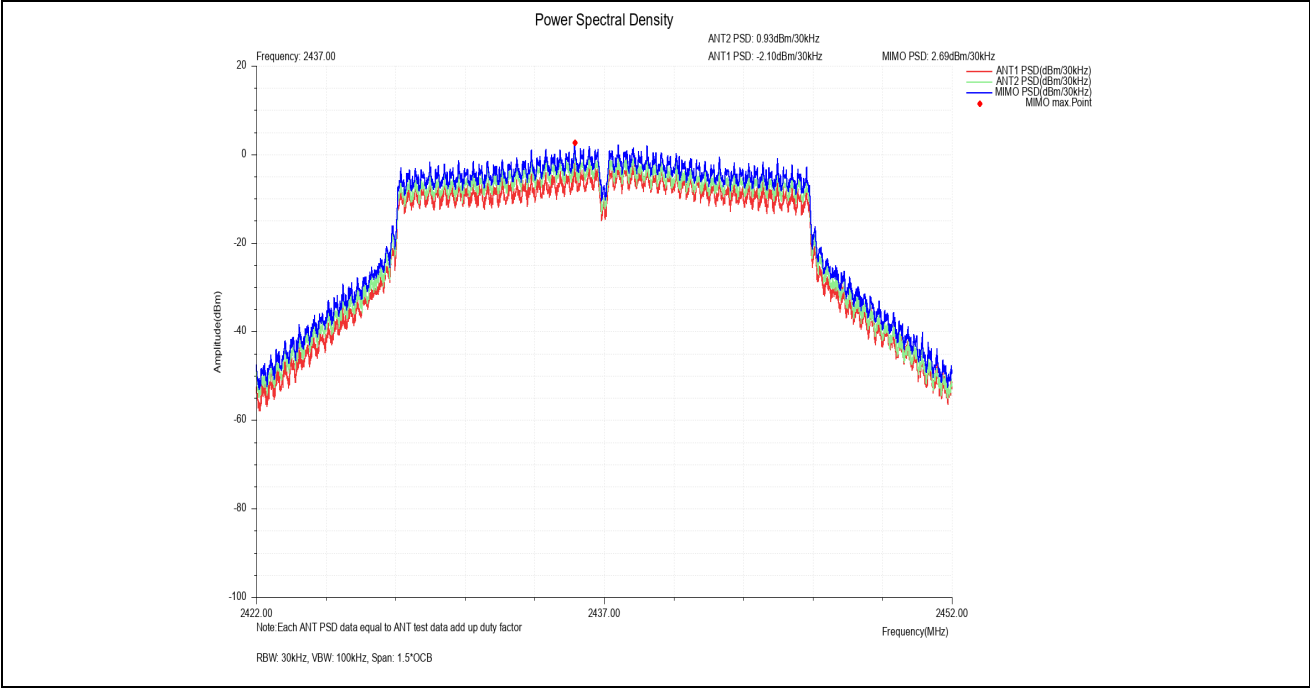
Power Spectral Density HVNT ANT2_802_11n(HT40)_2452



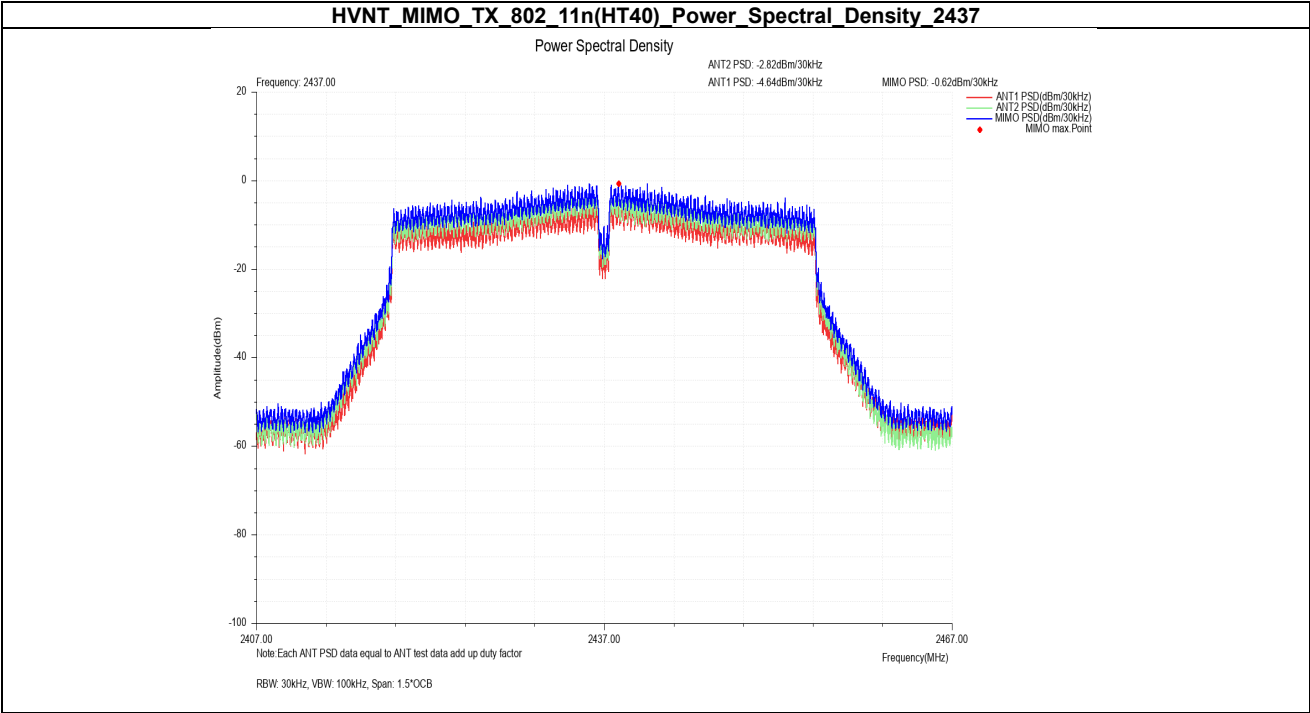
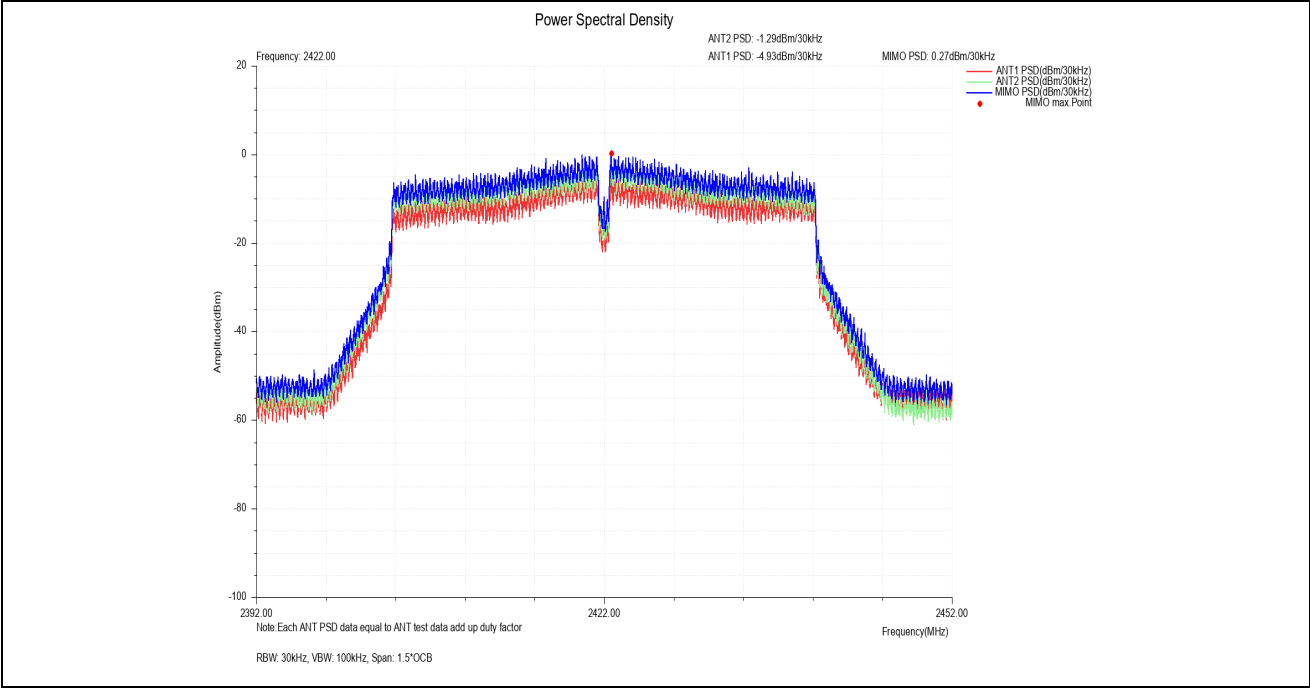
Condition	Antenna	Mode	Frequency(MHz)	MIMO PSD(dBm/30kHz)	RB Factor(dB)	MIMO PSD(dBm/3kHz)	limit(dBm/3kHz)	Result
HVNT	MIMO TX	802.11n(HT20)	2412.00	-2.41	-10	-12.41	8	Pass
HVNT	MIMO TX	802.11n(HT20)	2437.00	2.69	-10	-7.31	8	Pass
HVNT	MIMO TX	802.11n(HT20)	2462.00	1.71	-10	-8.29	8	Pass
HVNT	MIMO TX	802.11n(HT40)	2422.00	0.27	-10	-9.73	8	Pass
HVNT	MIMO TX	802.11n(HT40)	2437.00	-0.62	-10	-10.62	8	Pass
HVNT	MIMO TX	802.11n(HT40)	2452.00	-0.24	-10	-10.24	8	Pass



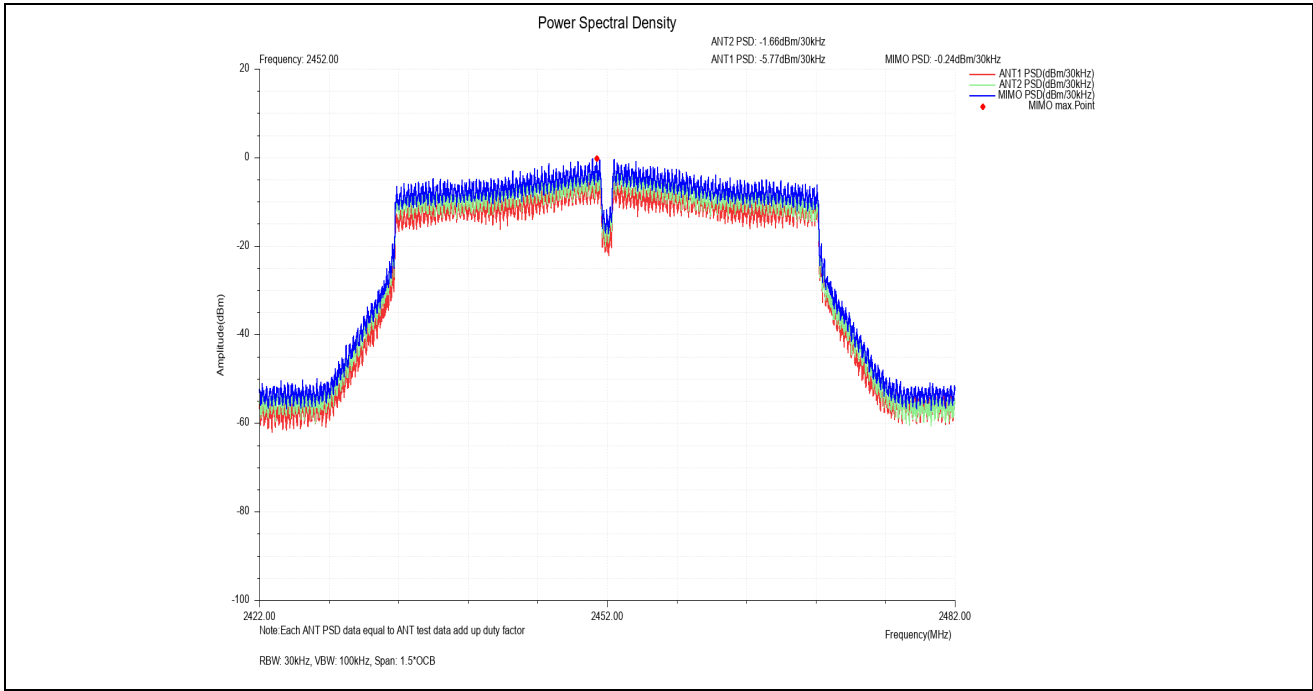
HVNT_MIMO_TX_802_11n(HT20)_Power Spectral Density 2437



HVNT_MIMO_TX_802_11n(HT40)_Power_Spectral_Density_2422



HVNT_MIMO_TX_802_11n(HT40)_Power_Spectral_Density_2452



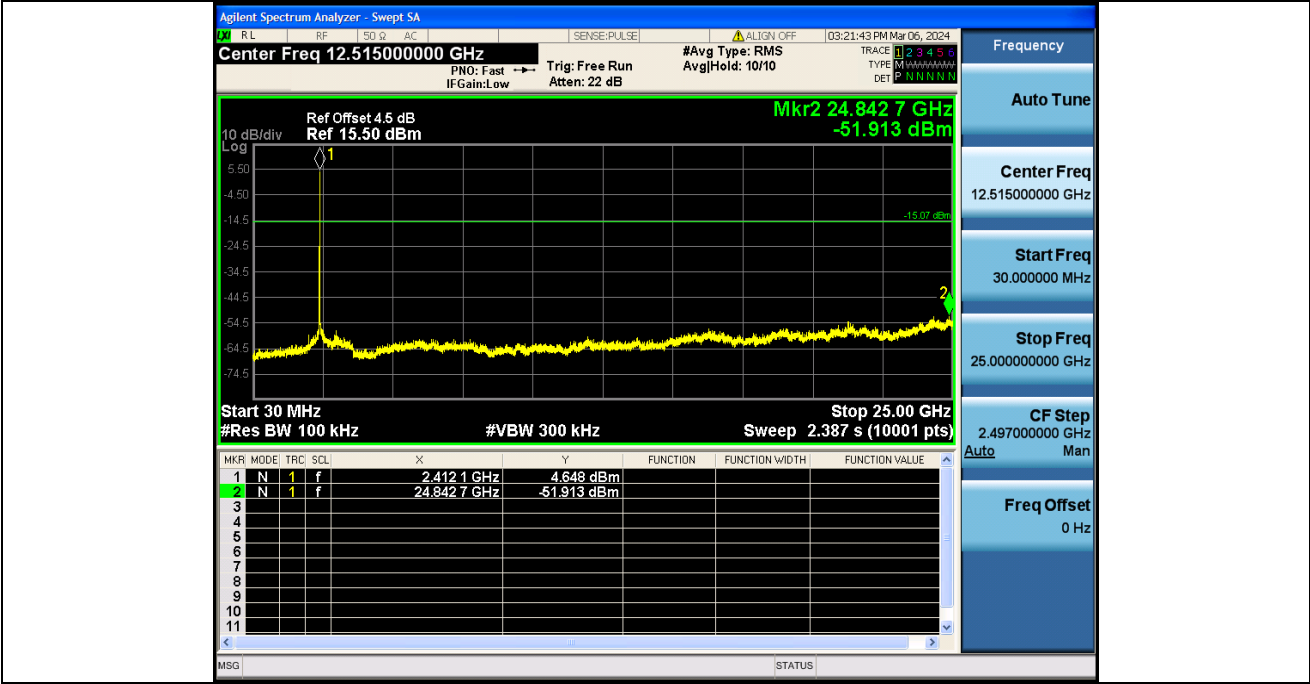
6. Spurious Emission

Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark_frequency(MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11b	2412.00	24842.689	-51.913	-15.068	Pass
NVNT	ANT1	802.11b	2437.00	24897.623	-52.520	-14.929	Pass
NVNT	ANT1	802.11b	2462.00	24865.162	-52.242	-14.139	Pass
NVNT	ANT1	802.11g	2412.00	24832.701	-54.997	-14.473	Pass
NVNT	ANT1	802.11g	2437.00	24890.132	-51.480	-15.525	Pass
NVNT	ANT1	802.11g	2462.00	24847.683	-48.388	-15.330	Pass
HVNT	ANT1	802.11n(HT20)	2412.00	24957.551	-54.801	-16.271	Pass
NVNT	ANT1	802.11n(HT20)	2437.00	24403.217	-54.861	-17.431	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	24323.313	-54.434	-17.462	Pass
HVNT	ANT1	802.11ax(HE20)	2412.00	24842.689	-47.723	-16.894	Pass
HVNT	ANT1	802.11ax(HE20)	2437.00	24705.354	-53.748	-17.305	Pass
HVNT	ANT1	802.11ax(HE20)	2462.00	2502.030	-53.731	-16.625	Pass
HVNT	ANT1	802.11n(HT40)	2422.00	2502.030	-54.307	-20.689	Pass
HVNT	ANT1	802.11n(HT40)	2437.00	2502.030	-54.614	-20.306	Pass
HVNT	ANT1	802.11n(HT40)	2452.00	24338.295	-52.697	-20.261	Pass
HVNT	ANT1	802.11ax(HE40)	2422.00	2507.024	-53.515	-20.006	Pass
HVNT	ANT1	802.11ax(HE40)	2437.00	24273.373	-51.583	-19.639	Pass
HVNT	ANT1	802.11ax(HE40)	2452.00	24792.749	-52.334	-19.672	Pass

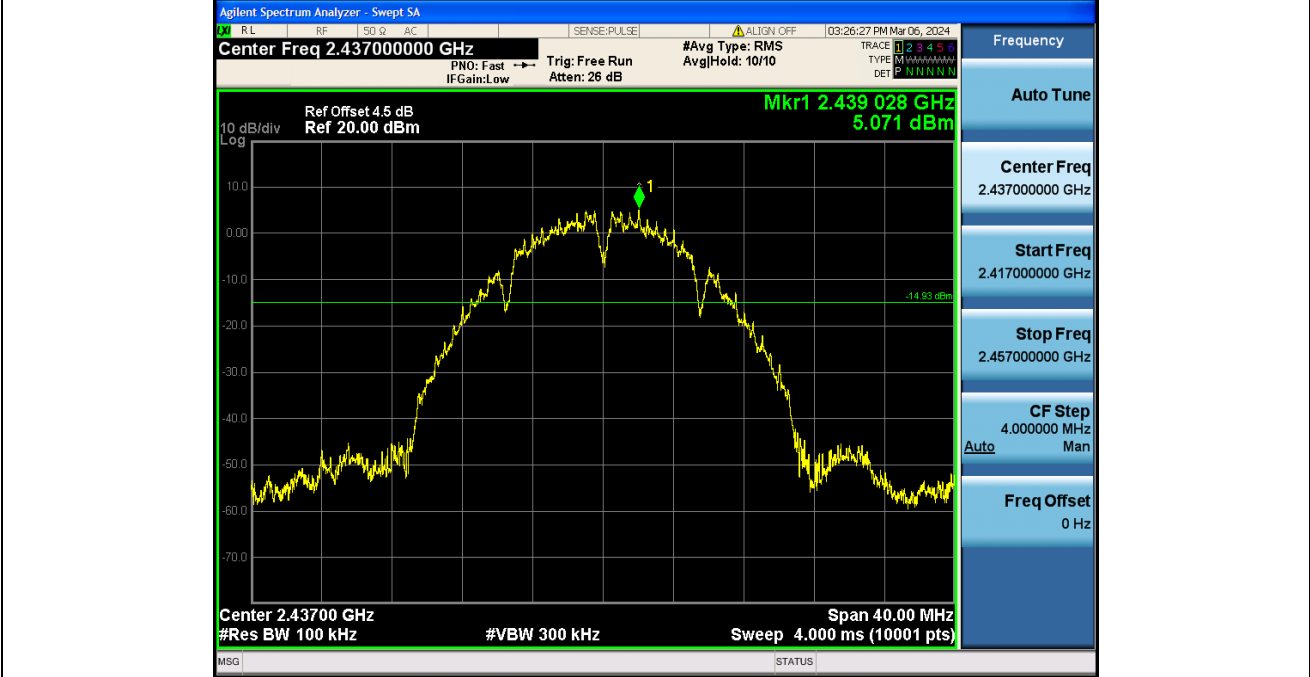
1 Reference Level NVNT ANT1 802 11b 2412



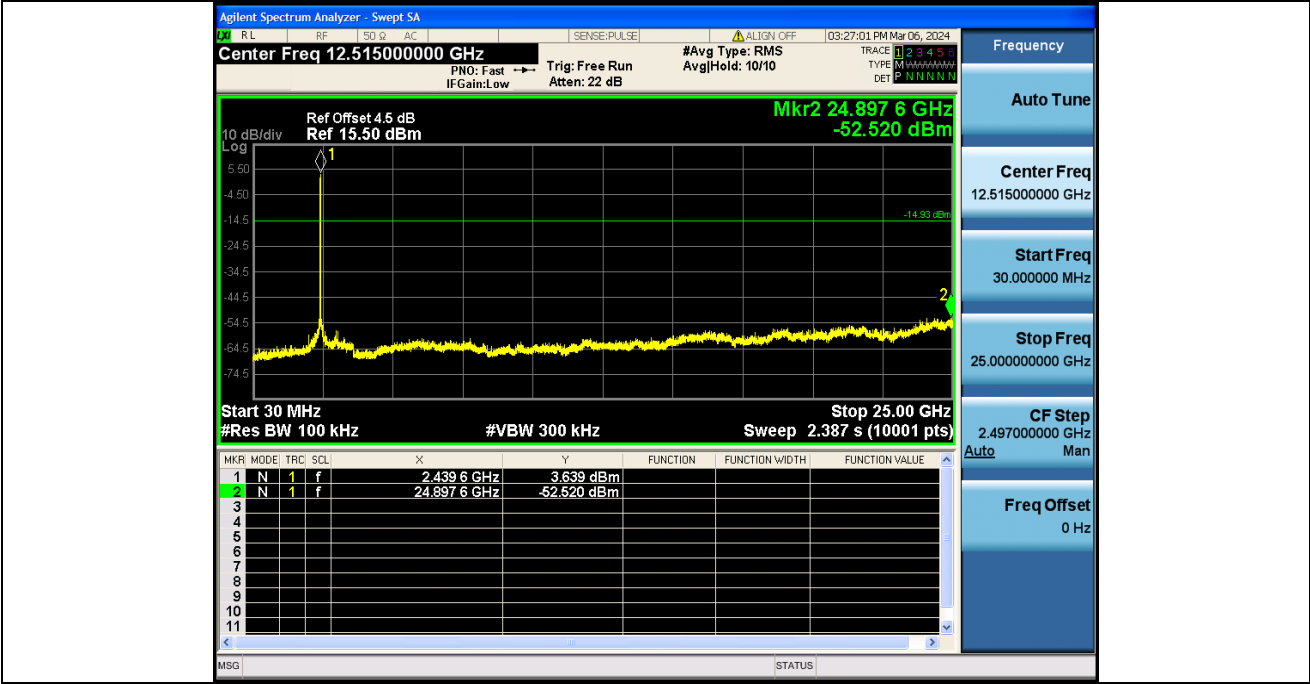
2 Spurious Emission NVNT ANT1 802 11b 2412



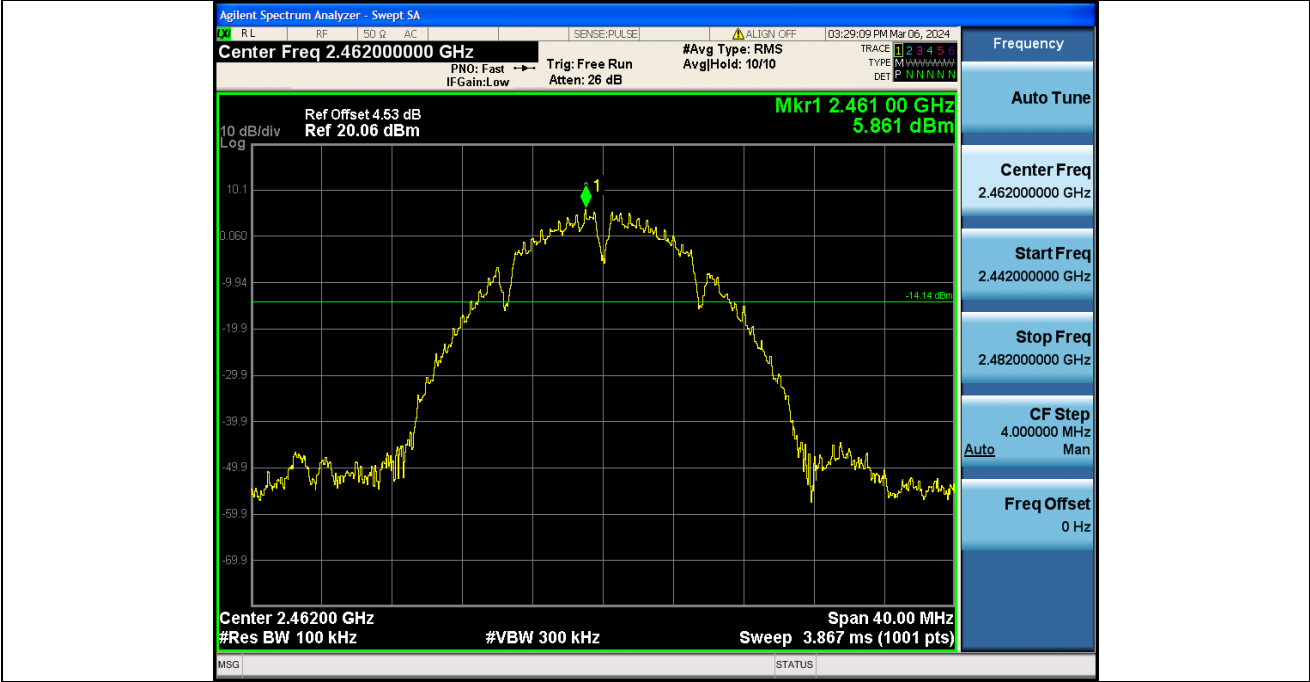
1 Reference Level NVNT_ANT1_802_11b_2437



2_Spurious_Emission_NVNT_ANT1_802_11b_2437



1 Reference Level NVNT_ANT1_802_11b_2462



2_Spurious_Emission_NVNT_ANT1_802_11b_2462