

4. MAX. Output Power

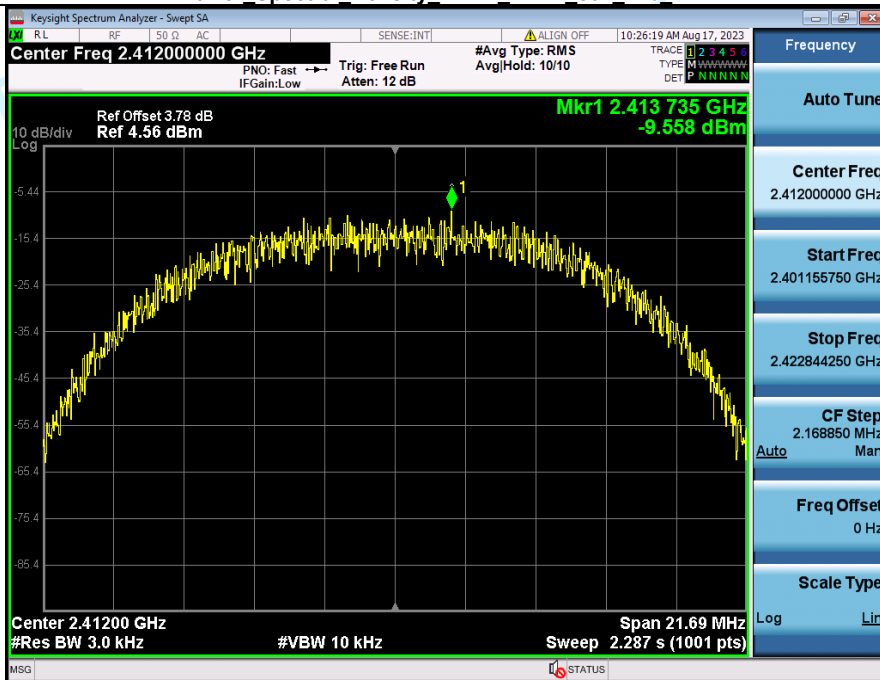
Condition	Antenna	Modulation	Frequency (MHz)	PK Conducted Power(dBm)	Duty factor(dB)	Total Power(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11b	2412.00	19.82	0.00	19.82	30	Pass
NVNT	ANT2	802.11b	2412.00	18.37	0.00	18.37	30	Pass
NVNT	ANT1	802.11b	2437.00	19.55	0.00	19.55	30	Pass
NVNT	ANT2	802.11b	2437.00	19.39	0.00	19.39	30	Pass
NVNT	ANT1	802.11b	2462.00	20.15	0.00	20.15	30	Pass
NVNT	ANT2	802.11b	2462.00	19.06	0.00	19.06	30	Pass
NVNT	ANT1	802.11g	2412.00	20.48	0.00	20.48	30	Pass
NVNT	ANT2	802.11g	2412.00	18.79	0.00	18.79	30	Pass
NVNT	ANT1	802.11g	2437.00	19.99	0.00	19.99	30	Pass
NVNT	ANT2	802.11g	2437.00	18.82	0.00	18.82	30	Pass
NVNT	ANT1	802.11g	2462.00	20.14	0.00	20.14	30	Pass
NVNT	ANT2	802.11g	2462.00	18.65	0.00	18.65	30	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	19.51	0.00	19.51	30	Pass
NVNT	ANT2	802.11n(HT20)	2412.00	18.05	0.00	18.05	30	Pass
NVNT	ANT1	802.11n(HT20)	2437.00	18.93	0.00	18.93	30	Pass
NVNT	ANT2	802.11n(HT20)	2437.00	17.86	0.00	17.86	30	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	19.29	0.00	19.29	30	Pass
NVNT	ANT2	802.11n(HT20)	2462.00	18.02	0.00	18.02	30	Pass
NVNT	ANT1	802.11n(HT40)	2422.00	16.28	0.00	16.28	30	Pass
NVNT	ANT2	802.11n(HT40)	2422.00	15.46	0.00	15.46	30	Pass
NVNT	ANT1	802.11n(HT40)	2437.00	16.01	0.00	16.01	30	Pass
NVNT	ANT2	802.11n(HT40)	2437.00	15.41	0.00	15.41	30	Pass
NVNT	ANT1	802.11n(HT40)	2452.00	15.85	0.00	15.85	30	Pass
NVNT	ANT2	802.11n(HT40)	2452.00	14.92	0.00	14.92	30	Pass

Condition	Antenna	Mode	Frequency(MHz)	MIMO_Conducted_Power(dBm)	Limit(dBm)	Result
NVNT	MIMO_TX	802.11n(HT20)	2412.00	21.85	30	Pass
NVNT	MIMO_TX	802.11n(HT20)	2437.00	21.44	30	Pass
NVNT	MIMO_TX	802.11n(HT20)	2462.00	21.71	30	Pass
NVNT	MIMO_TX	802.11n(HT40)	2422.00	18.90	30	Pass
NVNT	MIMO_TX	802.11n(HT40)	2437.00	18.73	30	Pass
NVNT	MIMO_TX	802.11n(HT40)	2452.00	18.42	30	Pass

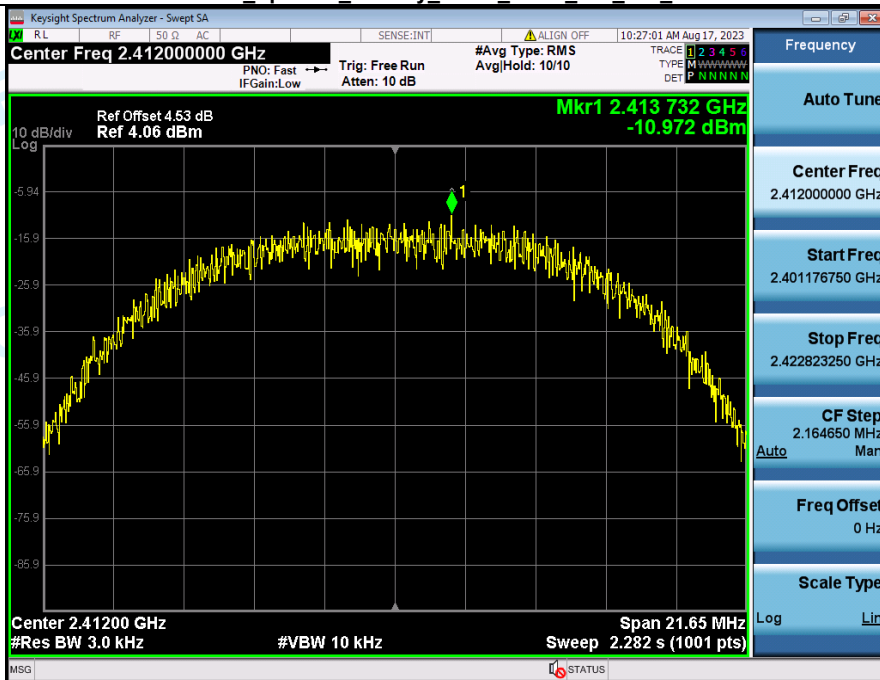
5. Power Spectral Density

Condition	Antenna	Modulation	Frequency (MHz)	PSD(dBm/3kHz)	limit(dBm/3kHz)	Result
NVNT	ANT1	802.11b	2412.00	-9.56	8	Pass
NVNT	ANT2	802.11b	2412.00	-10.97	8	Pass
NVNT	ANT1	802.11b	2437.00	-9.87	8	Pass
NVNT	ANT2	802.11b	2437.00	-10.07	8	Pass
NVNT	ANT1	802.11b	2462.00	-9.21	8	Pass
NVNT	ANT2	802.11b	2462.00	-10.44	8	Pass
NVNT	ANT1	802.11g	2412.00	-13.43	8	Pass
NVNT	ANT2	802.11g	2412.00	-16.00	8	Pass
NVNT	ANT1	802.11g	2437.00	-14.01	8	Pass
NVNT	ANT2	802.11g	2437.00	-15.79	8	Pass
NVNT	ANT1	802.11g	2462.00	-13.83	8	Pass
NVNT	ANT2	802.11g	2462.00	-15.91	8	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	-14.88	8	Pass
NVNT	ANT2	802.11n(HT20)	2412.00	-16.00	8	Pass
NVNT	ANT1	802.11n(HT20)	2437.00	-15.25	8	Pass
NVNT	ANT2	802.11n(HT20)	2437.00	-16.79	8	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	-14.97	8	Pass
NVNT	ANT2	802.11n(HT20)	2462.00	-16.28	8	Pass
NVNT	ANT1	802.11n(HT40)	2422.00	-19.89	8	Pass
NVNT	ANT2	802.11n(HT40)	2422.00	-20.85	8	Pass
NVNT	ANT1	802.11n(HT40)	2437.00	-20.26	8	Pass
NVNT	ANT2	802.11n(HT40)	2437.00	-20.89	8	Pass
NVNT	ANT1	802.11n(HT40)	2452.00	-20.40	8	Pass
NVNT	ANT2	802.11n(HT40)	2452.00	-21.38	8	Pass

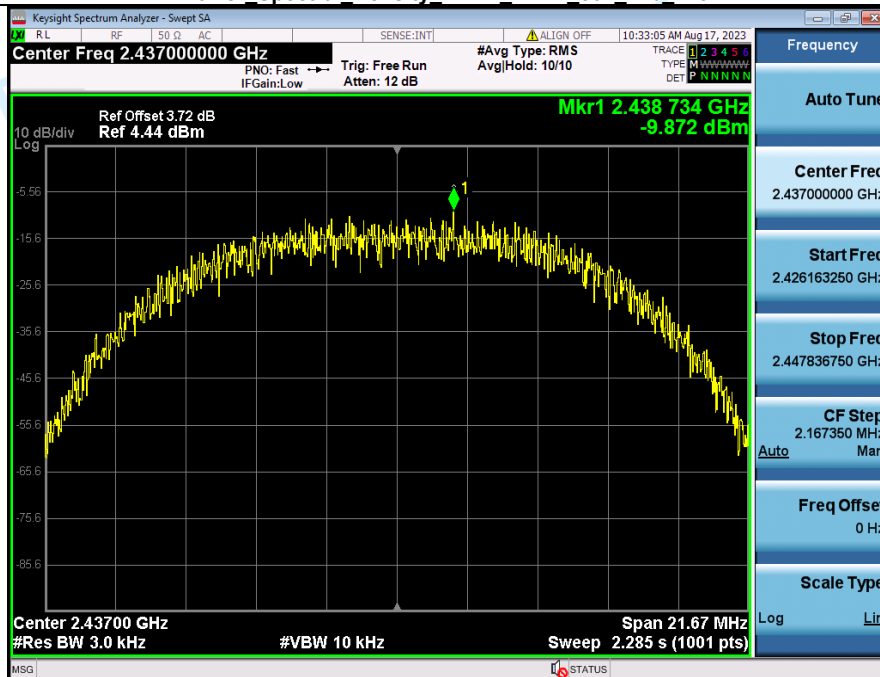
Power Spectral Density NVNT ANT1 802 11b 2412



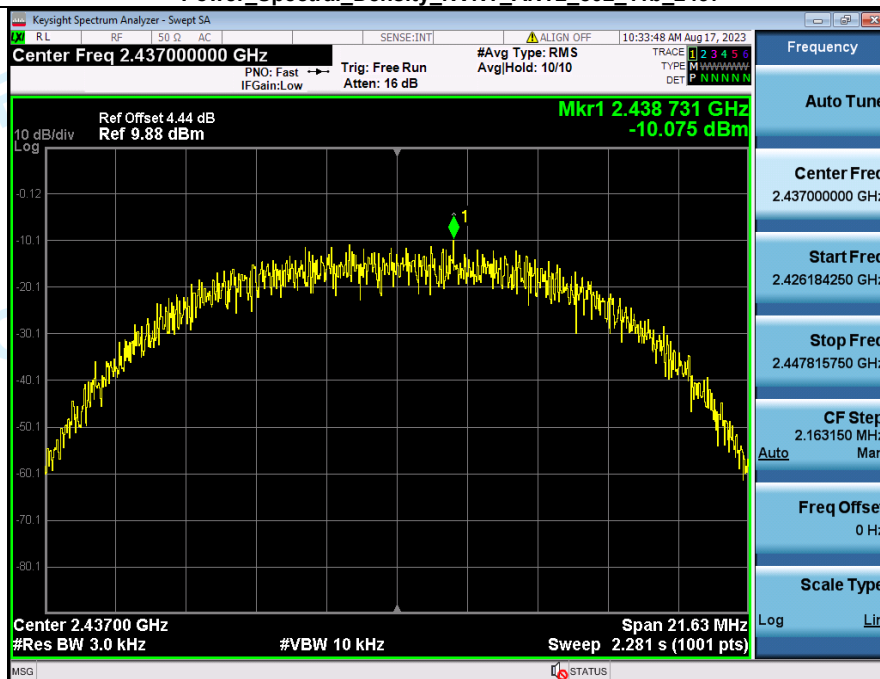
Power Spectral Density NVNT ANT2 802 11b 2412



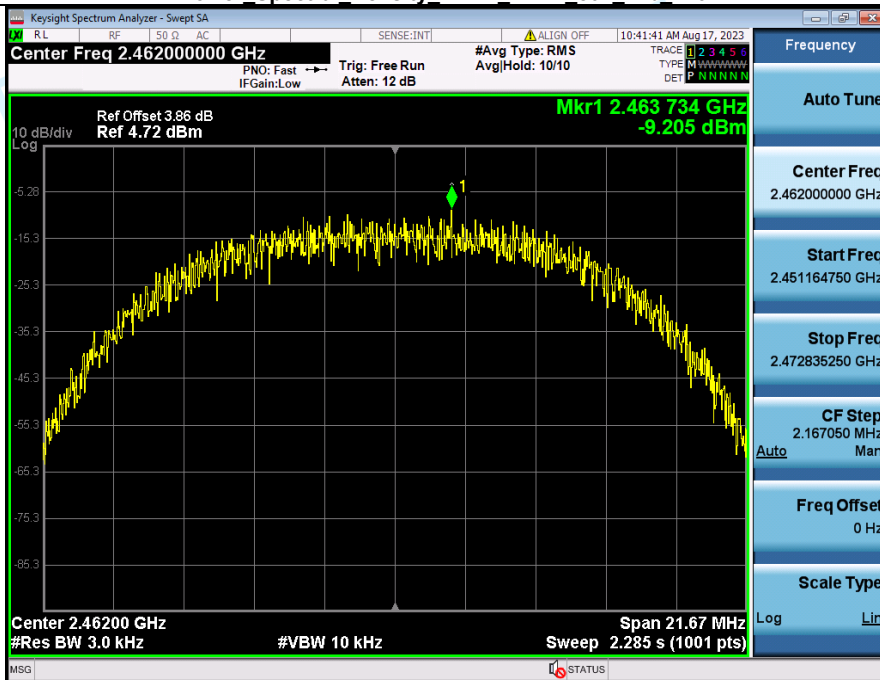
Power Spectral Density NVNT ANT1 802 11b 2437



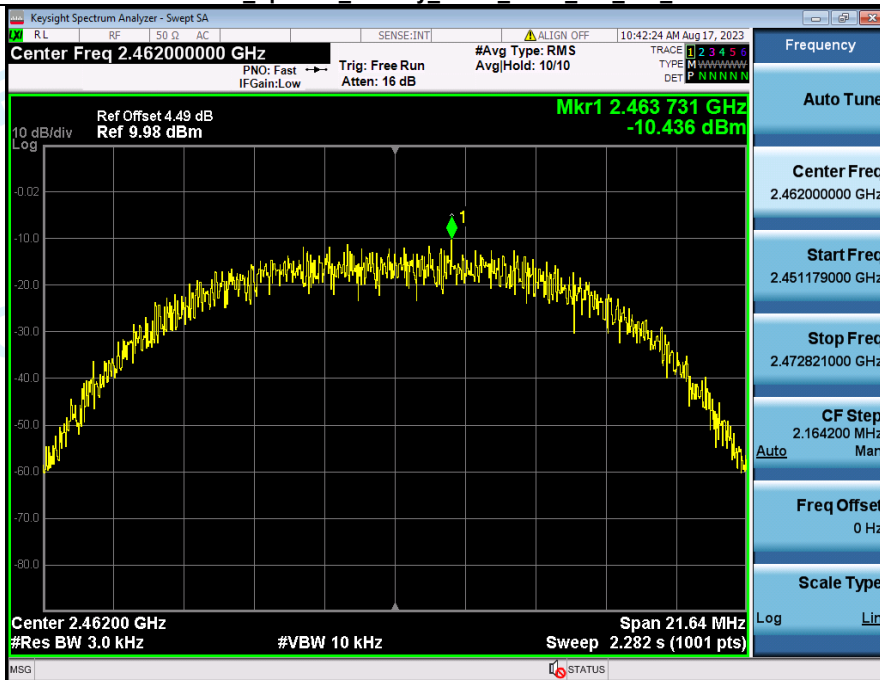
Power Spectral Density NVNT ANT2 802 11b 2437



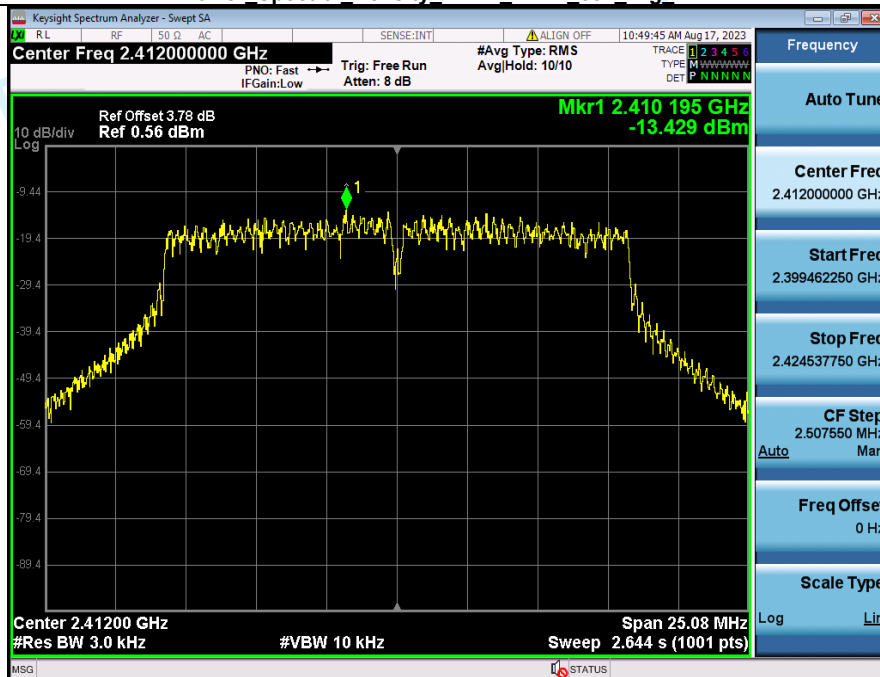
Power Spectral Density NVNT ANT1 802 11b 2462



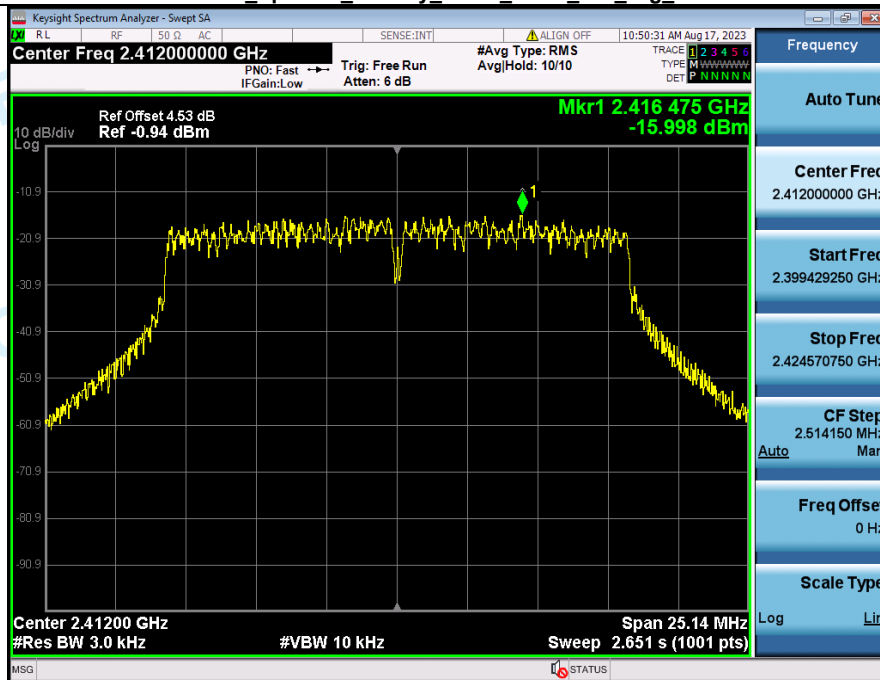
Power Spectral Density NVNT ANT2 802 11b 2462



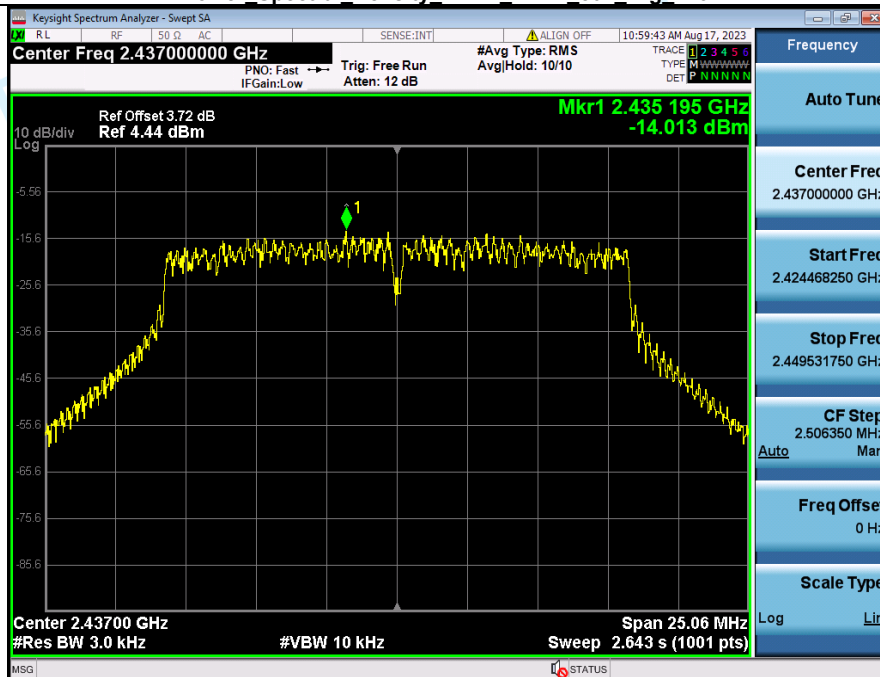
Power Spectral Density NVNT ANT1 802 11g 2412



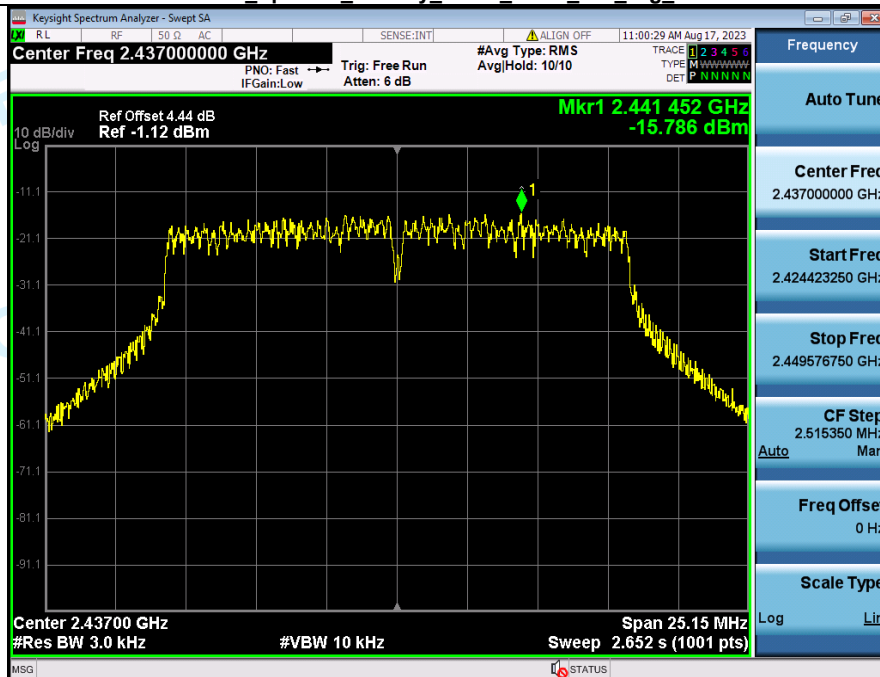
Power Spectral Density NVNT ANT2 802 11g 2412



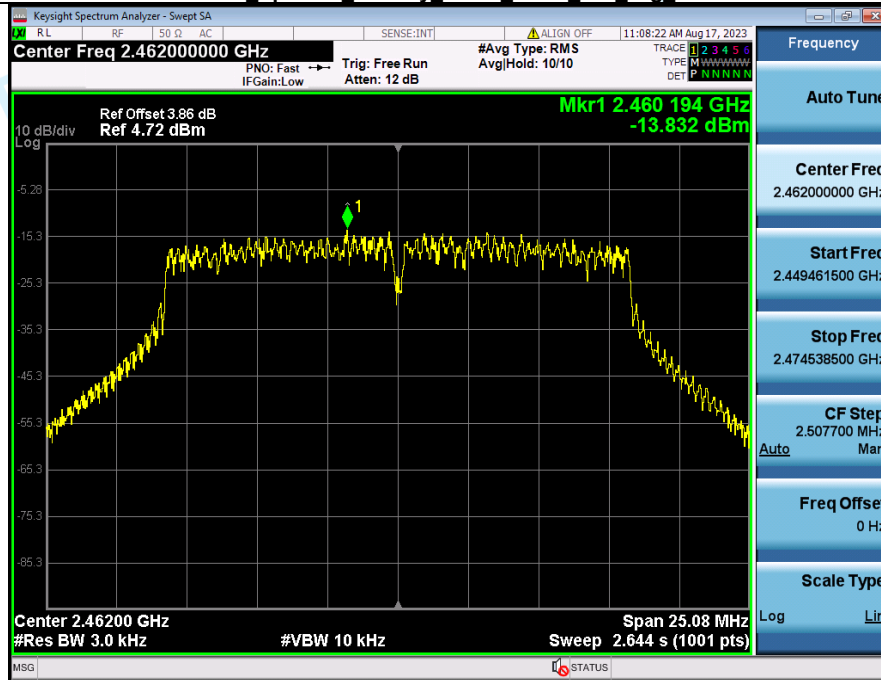
Power Spectral Density NVNT ANT1 802 11g 2437



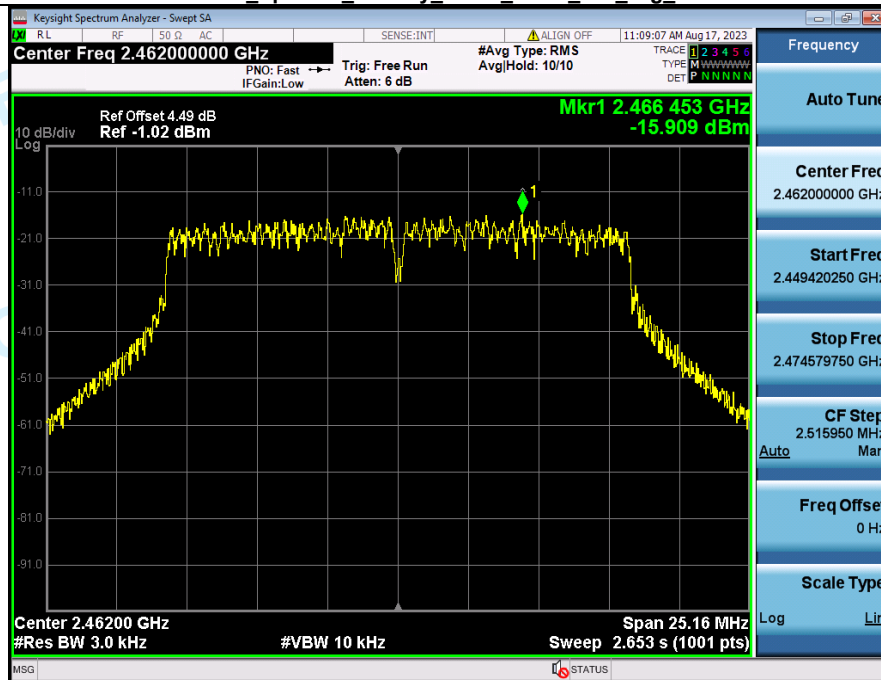
Power Spectral Density NVNT ANT2 802 11g 2437



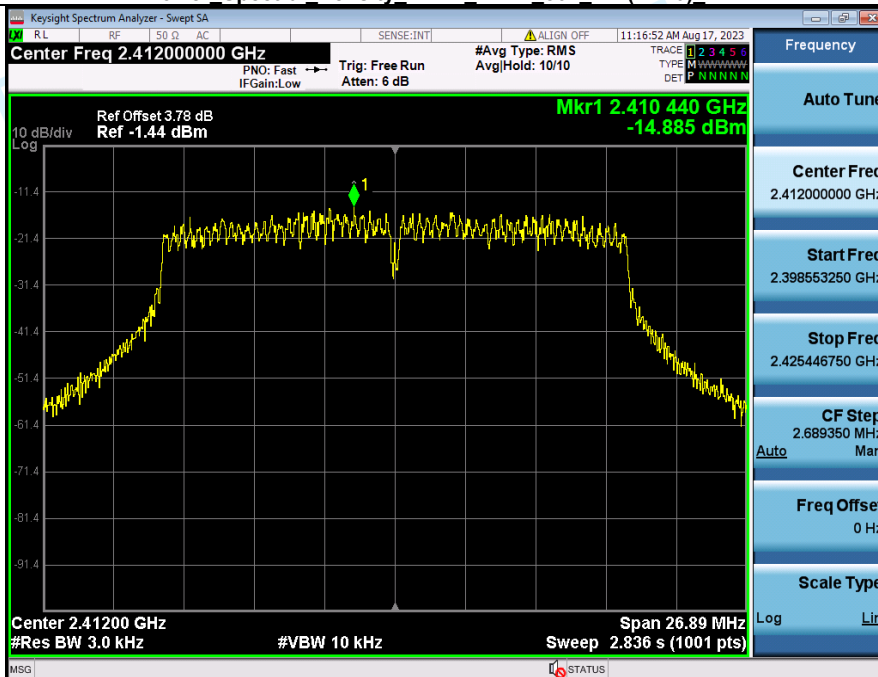
Power Spectral Density NVNT ANT1 802 11g 2462



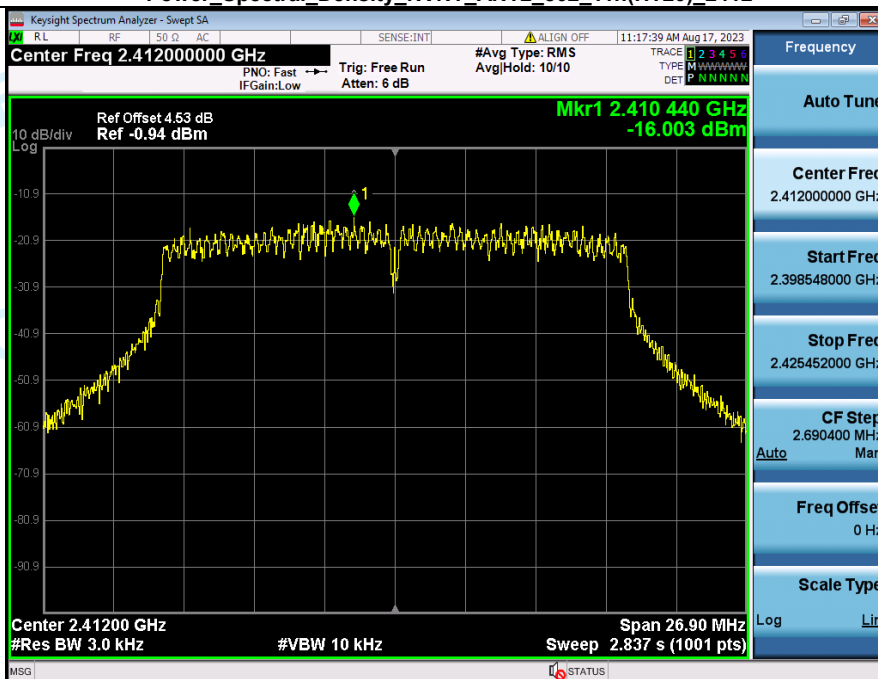
Power Spectral Density NVNT ANT2 802 11g 2462



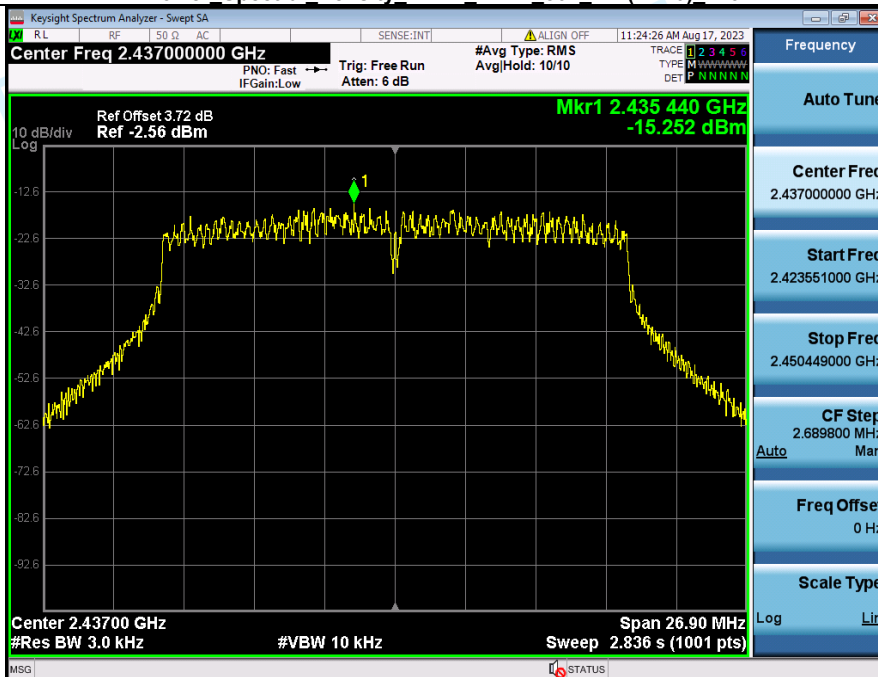
Power Spectral Density NVNT ANT1 802 11n(HT20) 2412



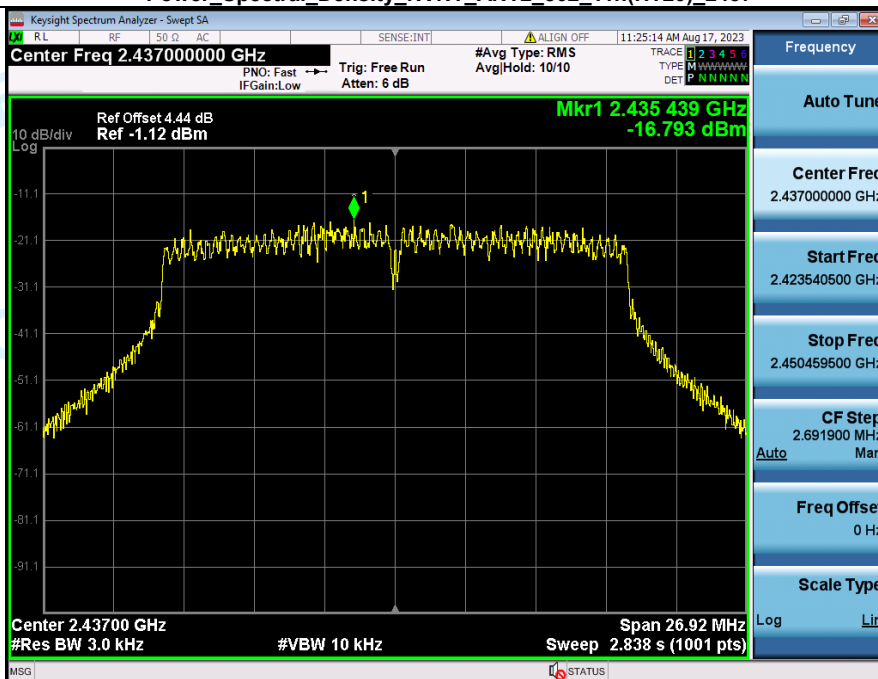
Power Spectral Density NVNT ANT2 802 11n(HT20) 2412



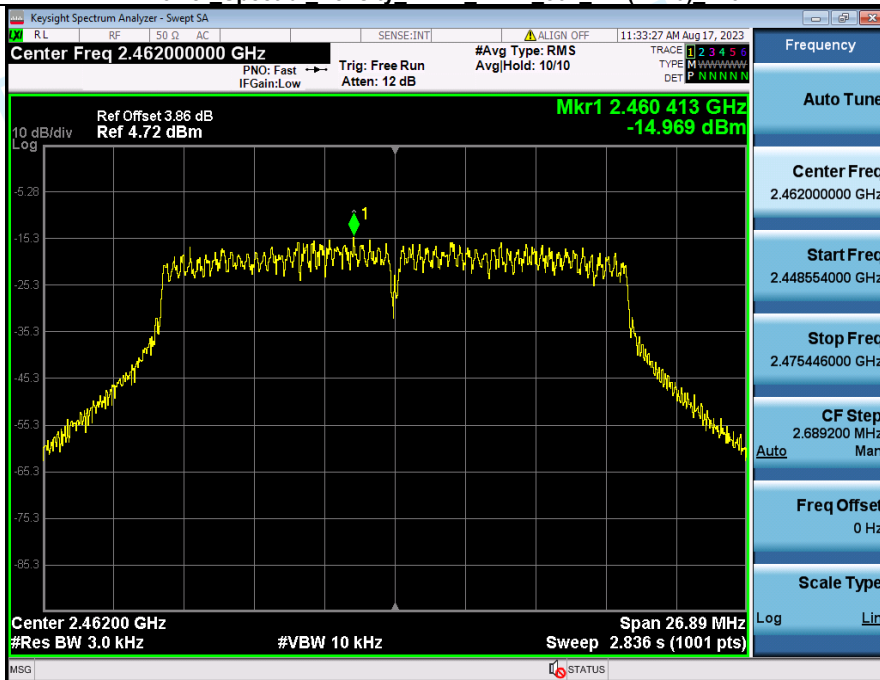
Power Spectral Density NVNT ANT1 802 11n(HT20) 2437



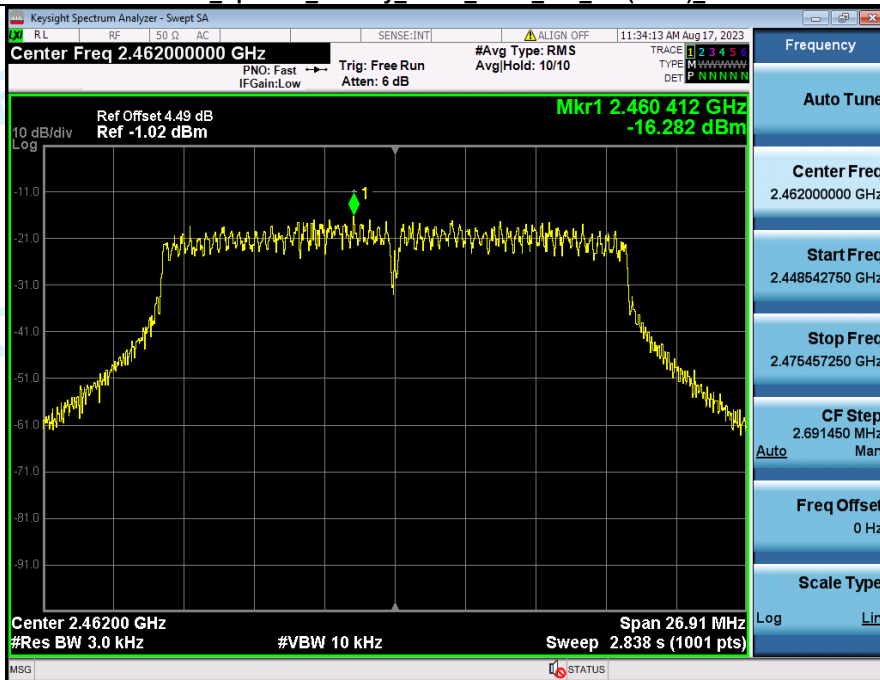
Power Spectral Density NVNT ANT2 802 11n(HT20) 2437



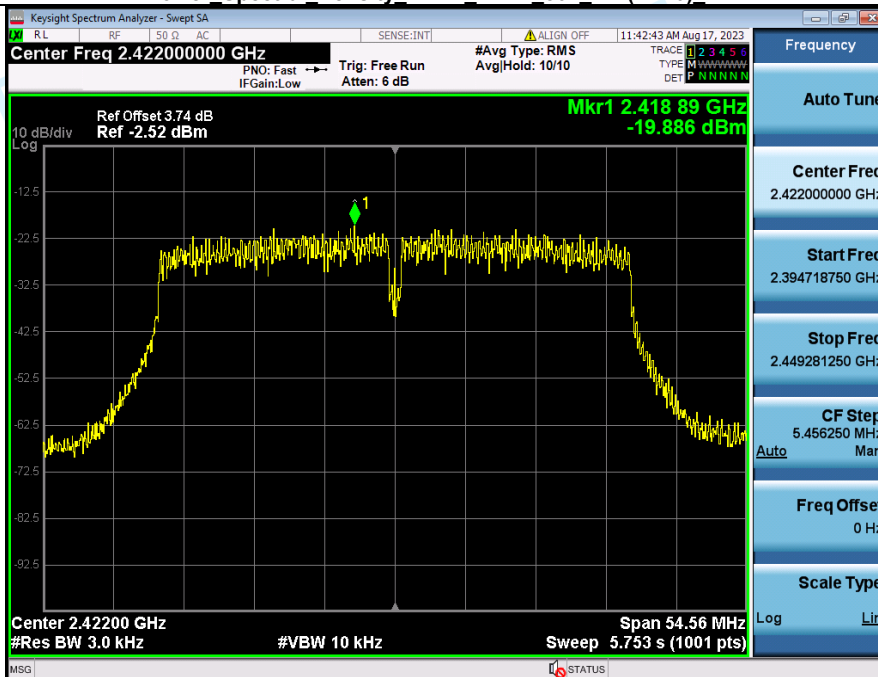
Power Spectral Density NVNT ANT1 802 11n(HT20) 2462



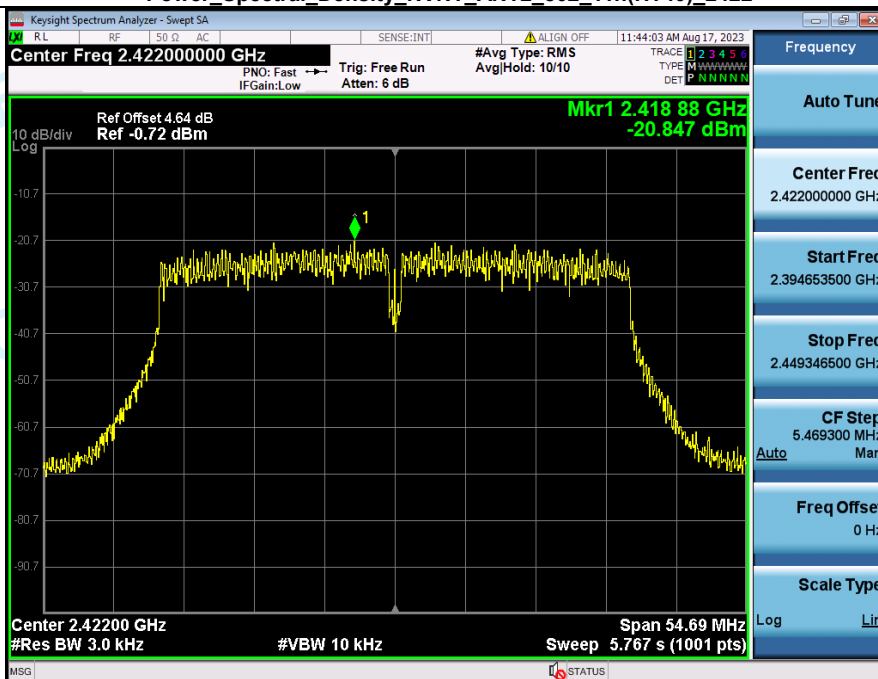
Power Spectral Density NVNT ANT2 802 11n(HT20) 2462



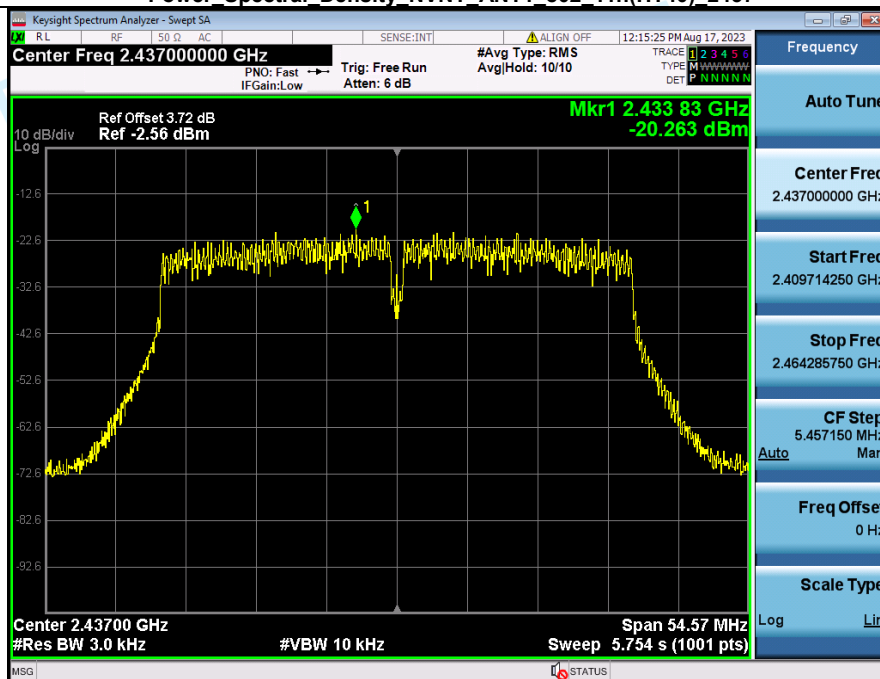
Power Spectral Density NVNT ANT1 802 11n(HT40) 2422



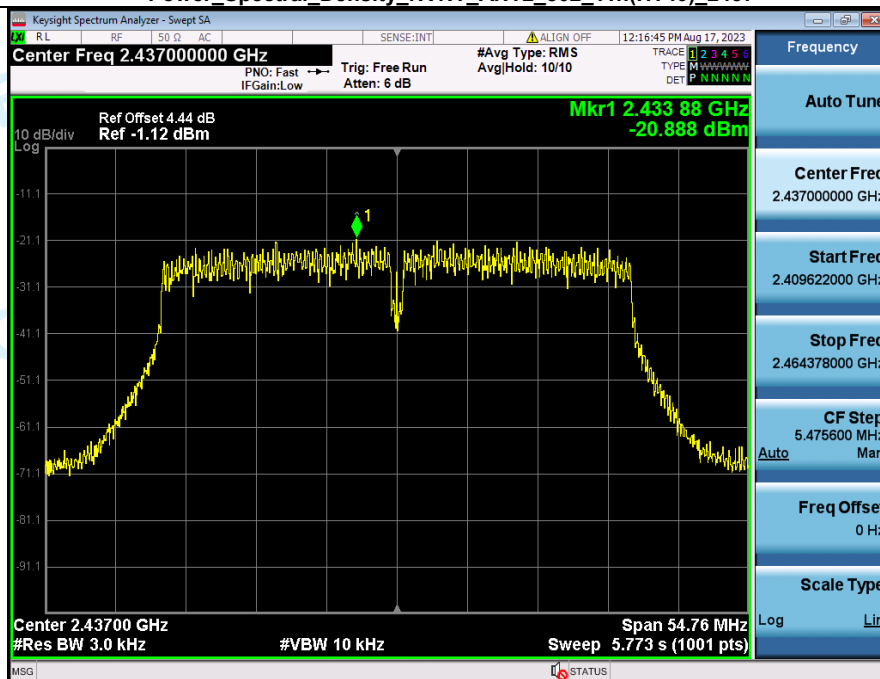
Power Spectral Density NVNT ANT2 802 11n(HT40) 2422

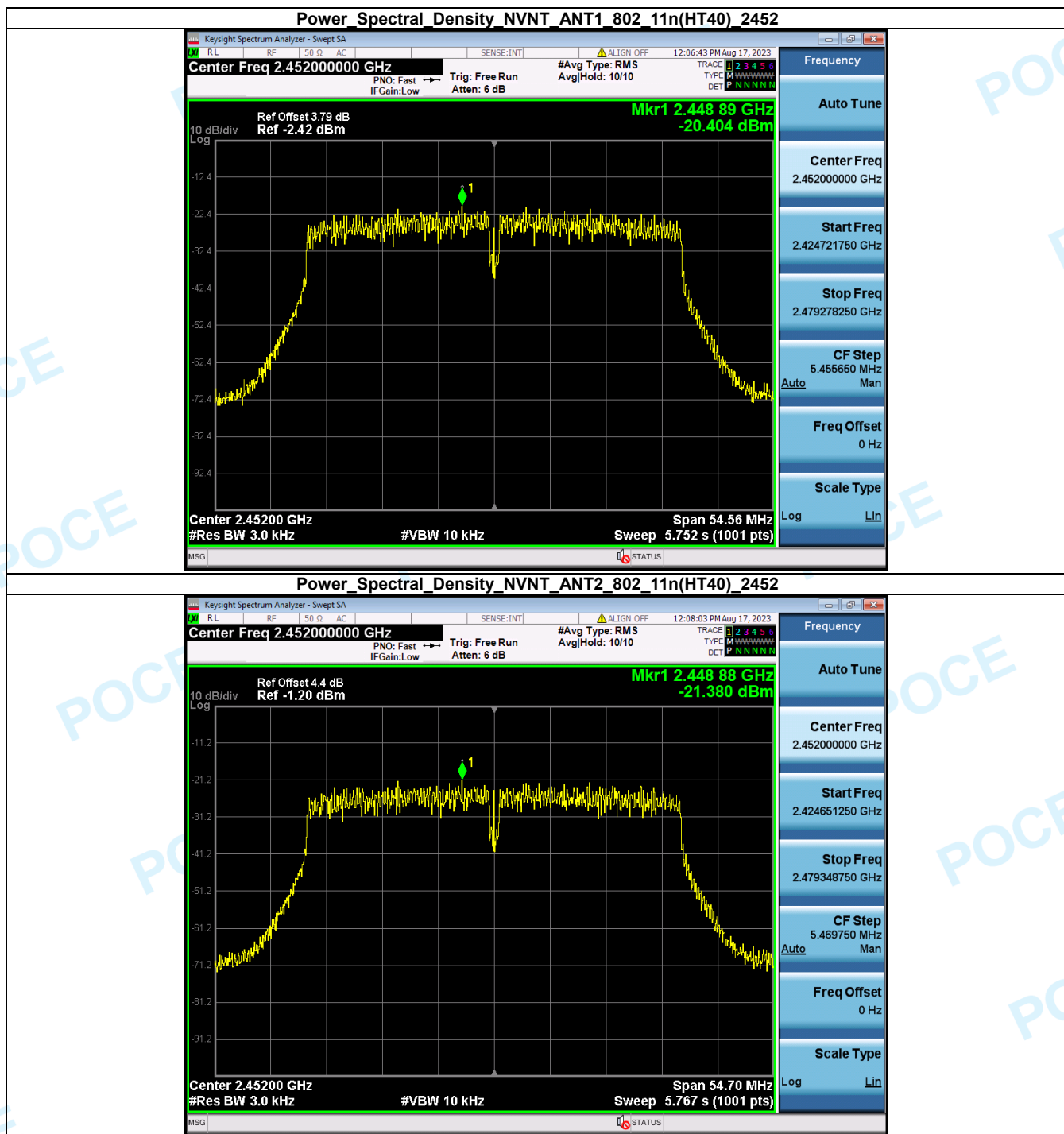


Power Spectral Density NVNT ANT1 802 11n(HT40) 2437



Power Spectral Density NVNT ANT2 802 11n(HT40) 2437

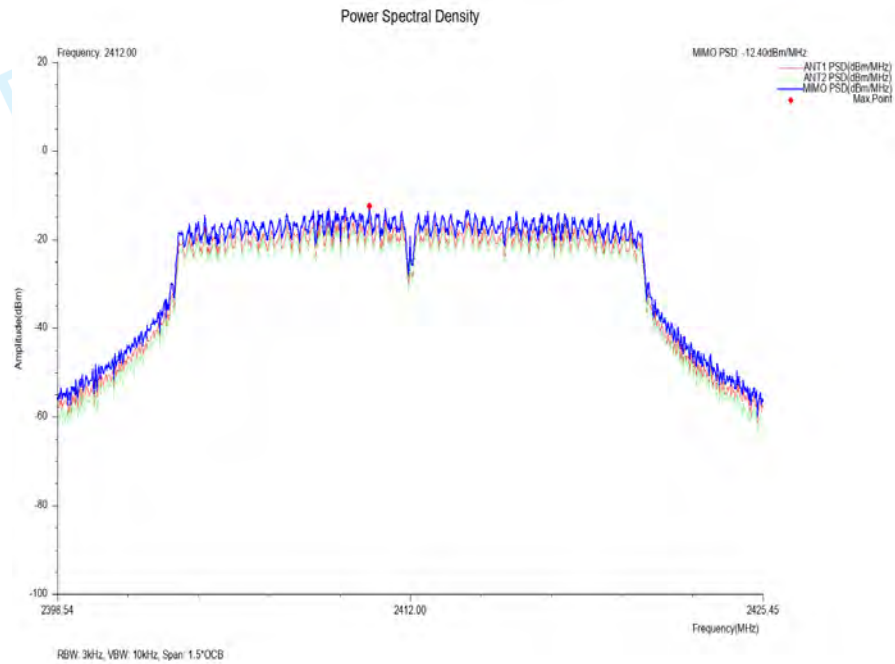




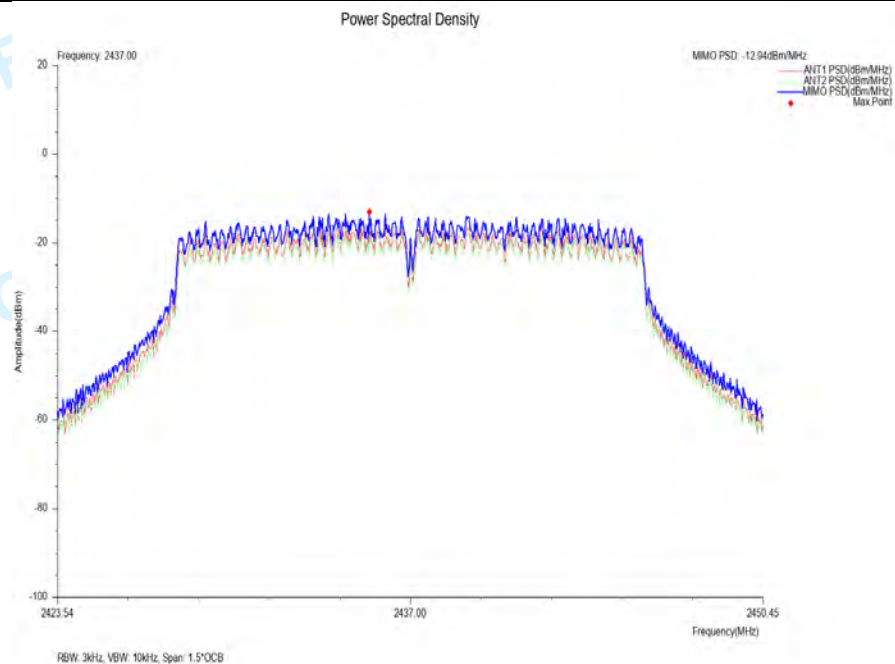
Condition	Antenna	Mode	Frequency (MHz)	PSD(dBm/3kHz)	limit(dBm/3kHz)	Result
NVNT	MIMO_TX	802.11n(HT20)	2412.00	-12.40	7.99	Pass
NVNT	MIMO_TX	802.11n(HT20)	2437.00	-12.94	7.99	Pass
NVNT	MIMO_TX	802.11n(HT20)	2462.00	-12.57	7.99	Pass
NVNT	MIMO_TX	802.11n(HT40)	2422.00	-17.33	7.99	Pass
NVNT	MIMO_TX	802.11n(HT40)	2437.00	-18.10	7.99	Pass
NVNT	MIMO_TX	802.11n(HT40)	2452.00	-17.85	7.99	Pass

Note: MIMO limit=limit-(6.01-6)=8-0.01=7.99 dBm

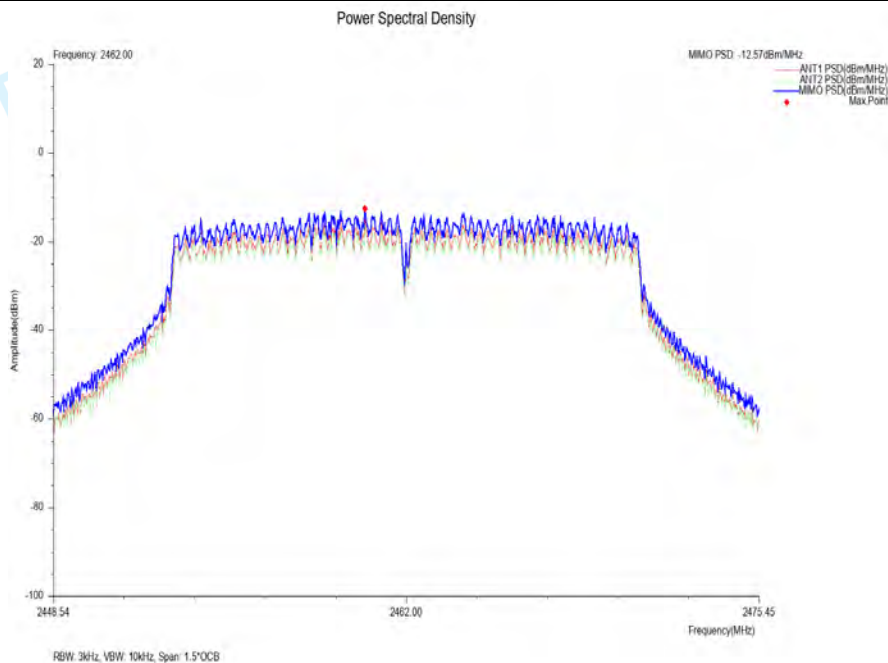
NVNT_MIMO_TX_802_11n(HT20) Power Spectral Density_2412



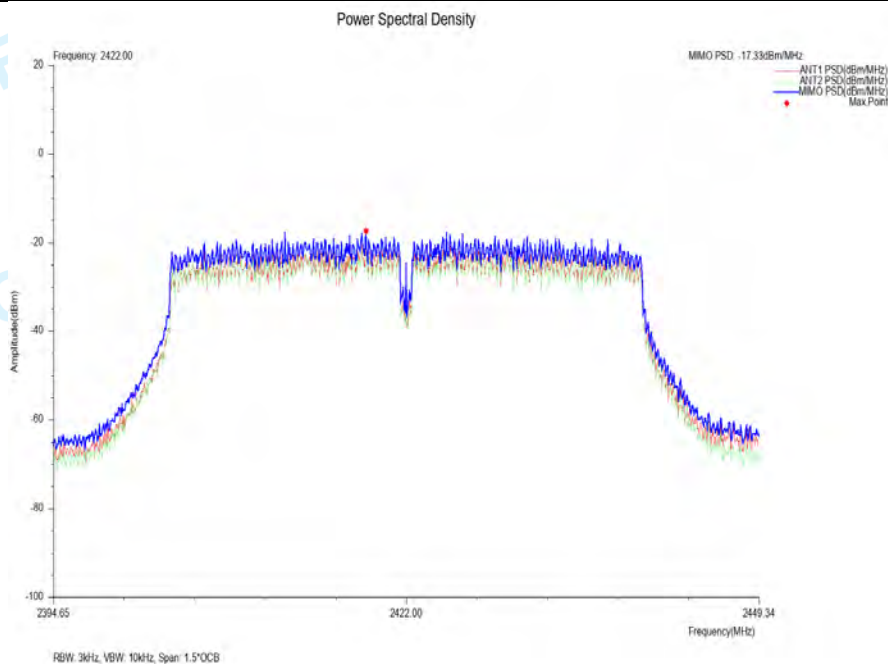
NVNT_MIMO_TX_802_11n(HT20) Power Spectral Density_2437



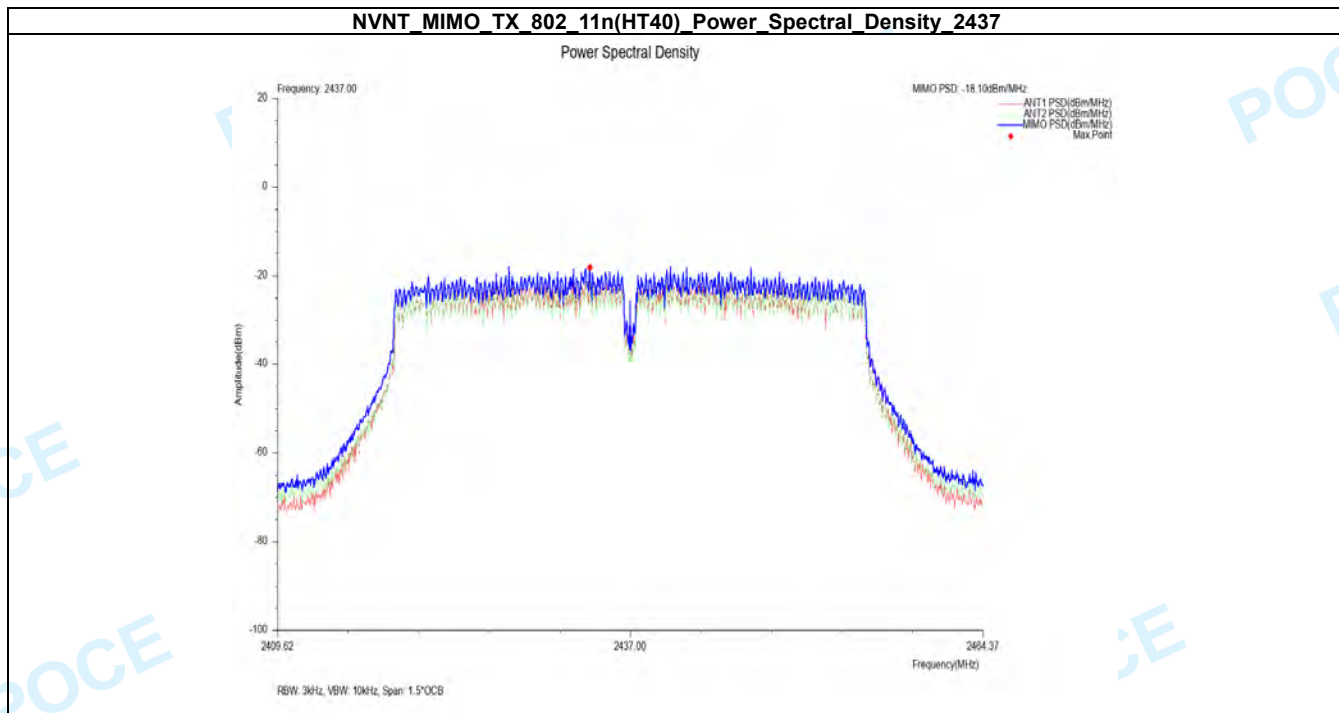
NVNT_MIMO_TX_802_11n(HT20) Power Spectral Density_2462



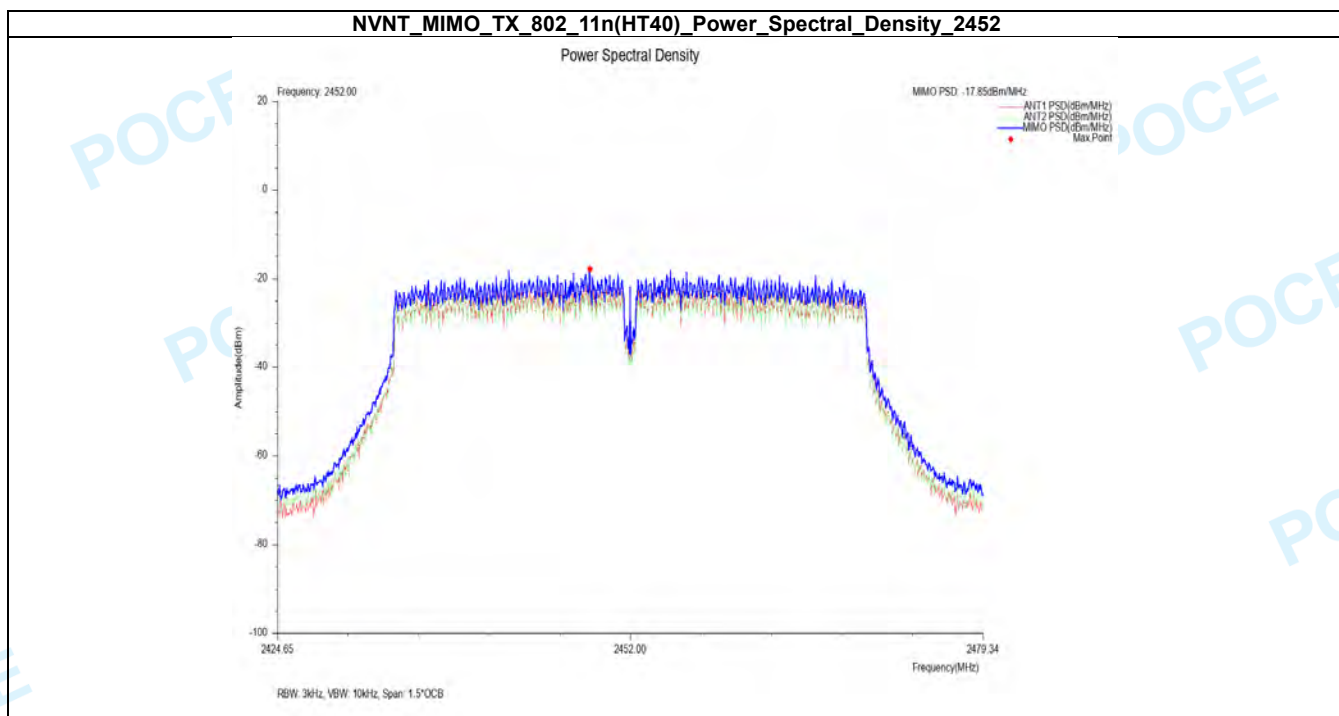
NVNT_MIMO_TX_802_11n(HT40) Power Spectral Density_2422



NVNT_MIMO_TX_802_11n(HT40) Power Spectral Density_2437



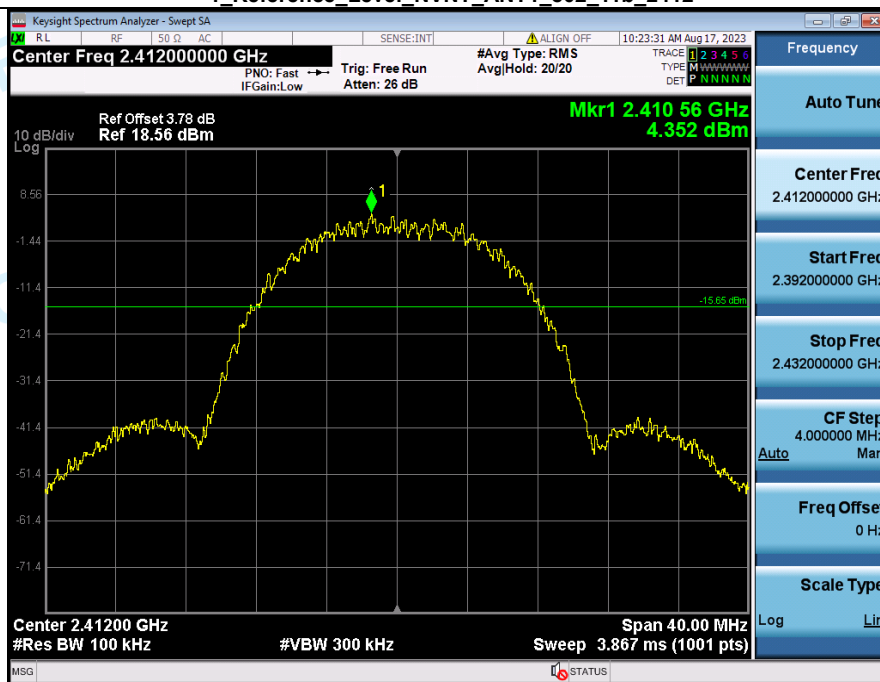
NVNT_MIMO_TX_802_11n(HT40) Power Spectral Density_2452



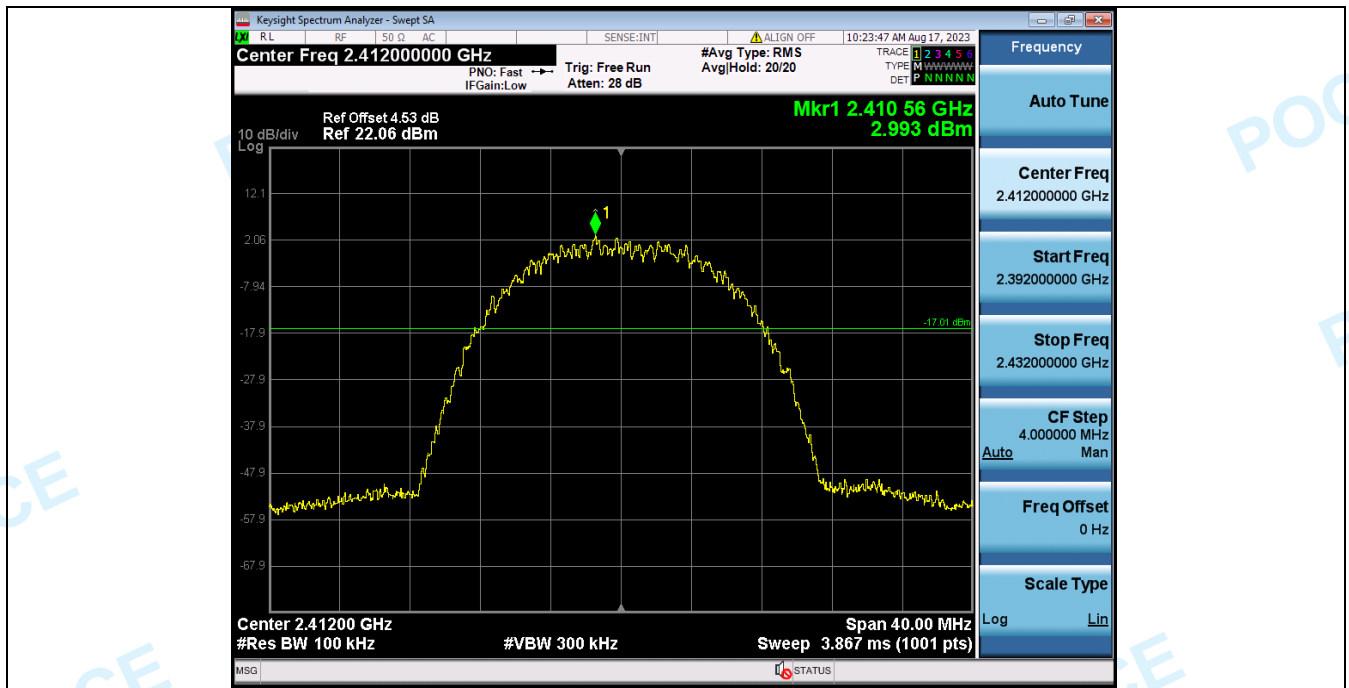
6. Spurious Emission

Condition	Antenna	Modulation	TX_Frequency (MHz)	Max. Mark frequency(MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11b	2412.00	24533.061	-48.894	-15.648	Pass
NVNT	ANT2	802.11b	2412.00	24520.576	-48.647	-15.648	Pass
NVNT	ANT1	802.11b	2437.00	24957.551	-45.174	-16.128	Pass
NVNT	ANT2	802.11b	2437.00	24563.025	-44.063	-16.128	Pass
NVNT	ANT1	802.11b	2462.00	24897.623	-48.936	-15.380	Pass
NVNT	ANT2	802.11b	2462.00	24520.576	-48.339	-15.380	Pass
NVNT	ANT1	802.11g	2412.00	24912.605	-53.289	-20.100	Pass
NVNT	ANT2	802.11g	2412.00	24518.079	-52.375	-20.100	Pass
NVNT	ANT1	802.11g	2437.00	24553.037	-55.153	-20.645	Pass
NVNT	ANT2	802.11g	2437.00	24540.552	-54.872	-20.645	Pass
NVNT	ANT1	802.11g	2462.00	24490.612	-49.535	-20.513	Pass
NVNT	ANT2	802.11g	2462.00	24940.072	-48.200	-20.513	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	24927.587	-55.069	-21.386	Pass
NVNT	ANT2	802.11n(HT20)	2412.00	24538.055	-54.592	-21.386	Pass
NVNT	ANT1	802.11n(HT20)	2437.00	24523.073	-55.279	-21.843	Pass
NVNT	ANT2	802.11n(HT20)	2437.00	24548.043	-54.666	-21.843	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	24485.618	-55.766	-21.468	Pass
NVNT	ANT2	802.11n(HT20)	2462.00	24590.492	-54.577	-21.468	Pass
NVNT	ANT1	802.11n(HT40)	2422.00	2581.934	-60.476	-27.237	Pass
NVNT	ANT2	802.11n(HT40)	2422.00	1920.229	-57.241	-27.237	Pass
NVNT	ANT1	802.11n(HT40)	2437.00	2507.024	-60.365	-27.443	Pass
NVNT	ANT2	802.11n(HT40)	2437.00	1920.229	-57.635	-27.443	Pass
NVNT	ANT1	802.11n(HT40)	2452.00	2531.994	-58.011	-27.815	Pass
NVNT	ANT2	802.11n(HT40)	2452.00	1920.229	-58.085	-27.815	Pass

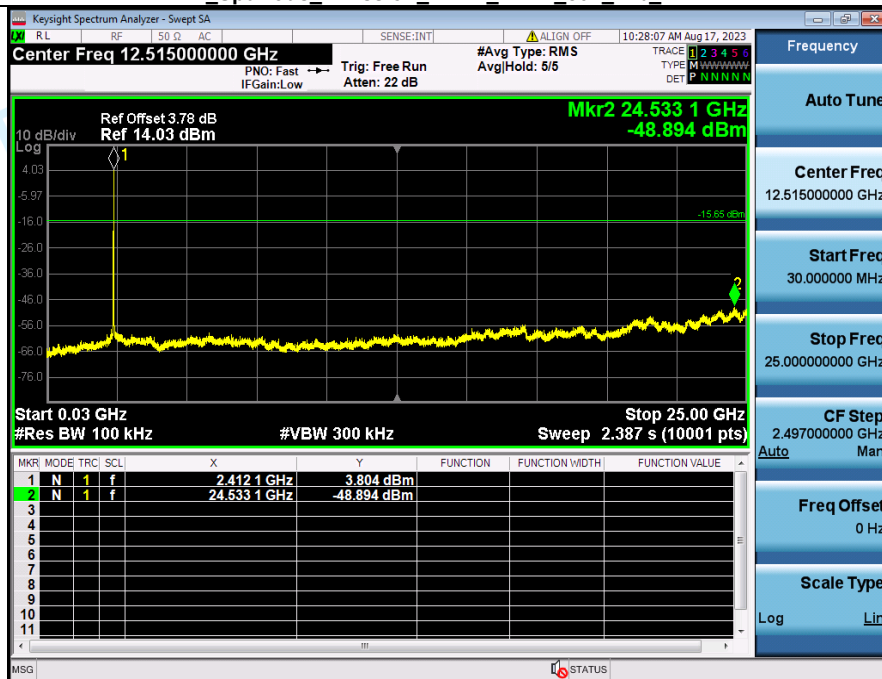
1_Reference_Level_NVNT_ANT1_802_11b_2412



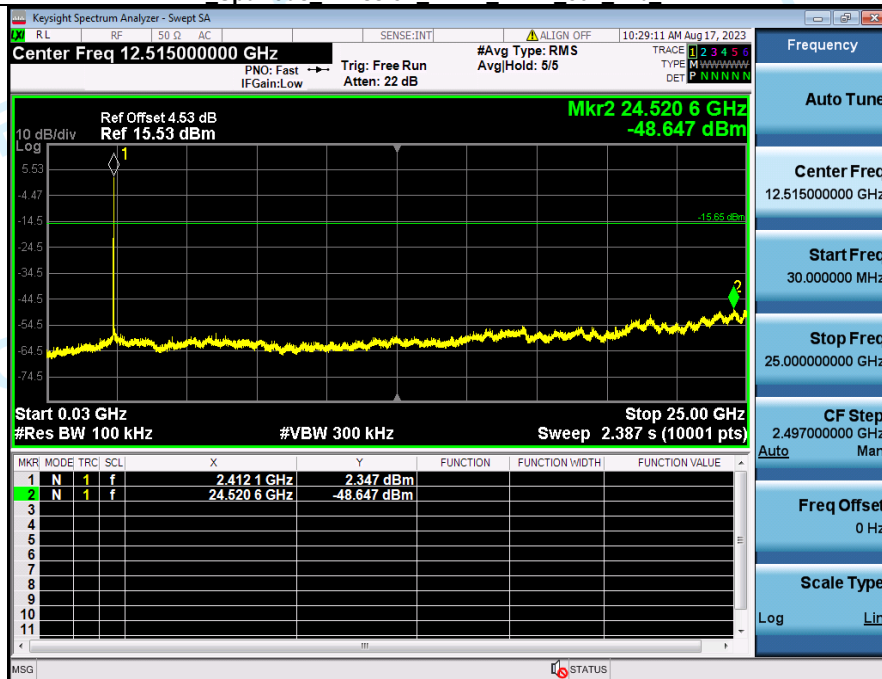
1_Reference_Level_NVNT_ANT2_802_11b_2412



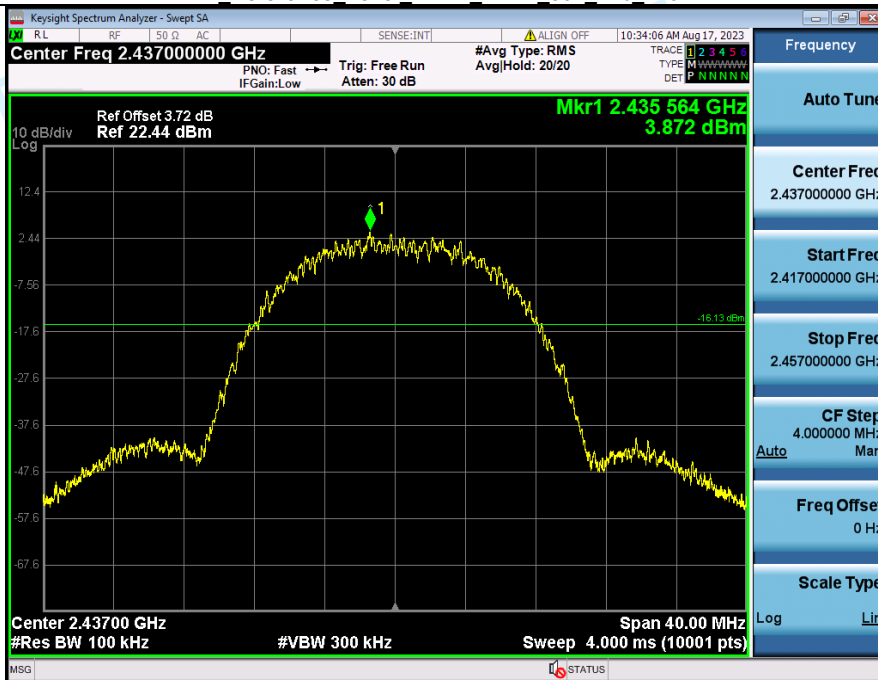
2 Spurious Emission NVNT ANT1 802 11b 2412



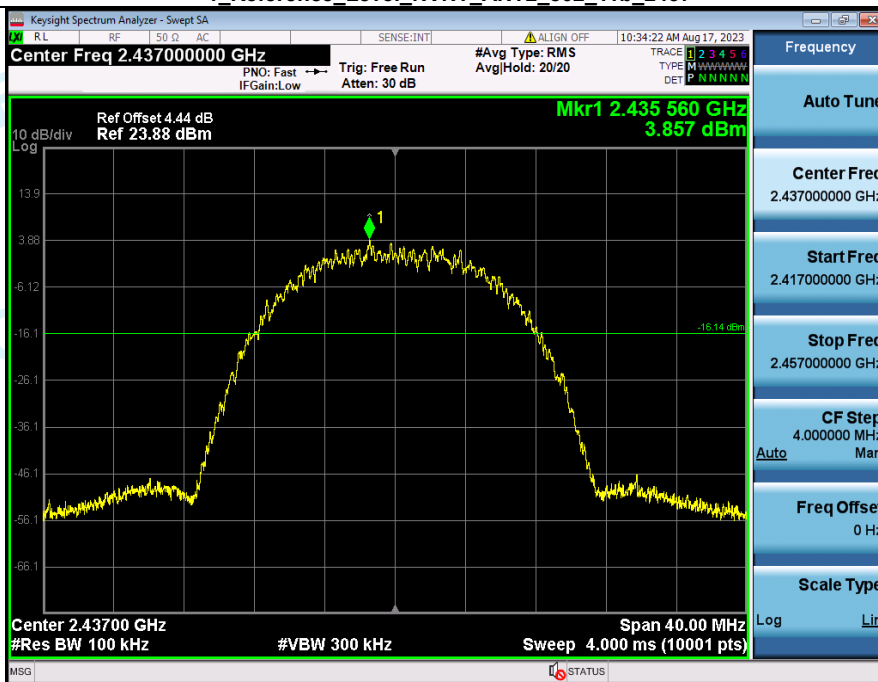
2 Spurious Emission NVNT ANT2 802 11b 2412



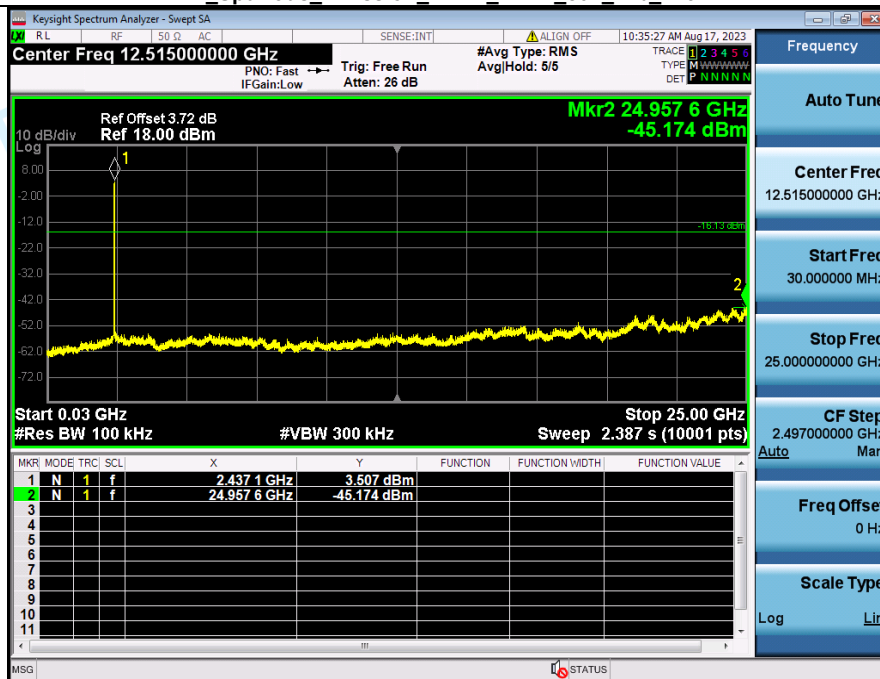
1 Reference Level NVNT ANT1 802 11b 2437



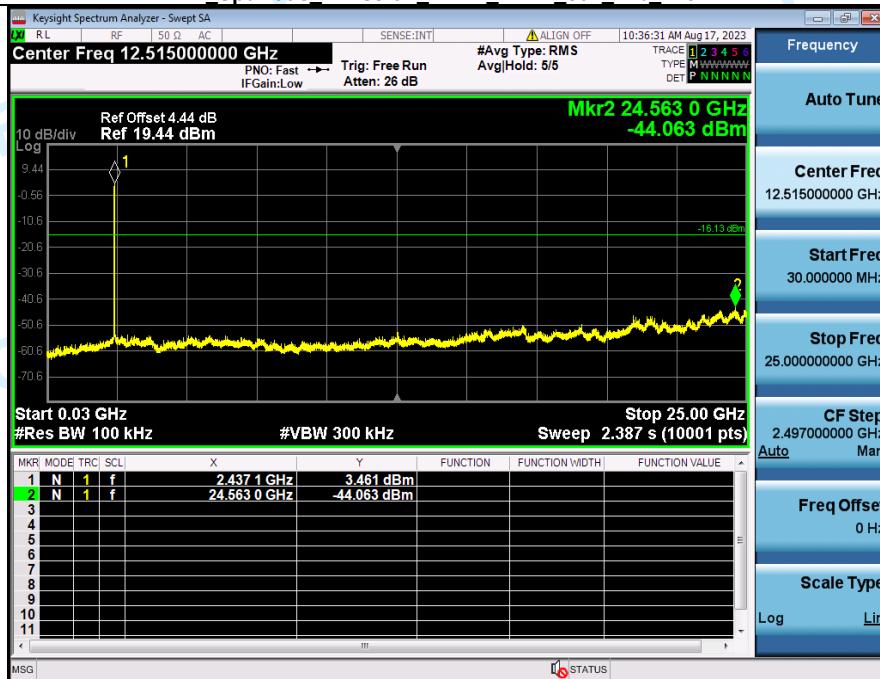
1 Reference Level NVNT ANT2 802 11b 2437



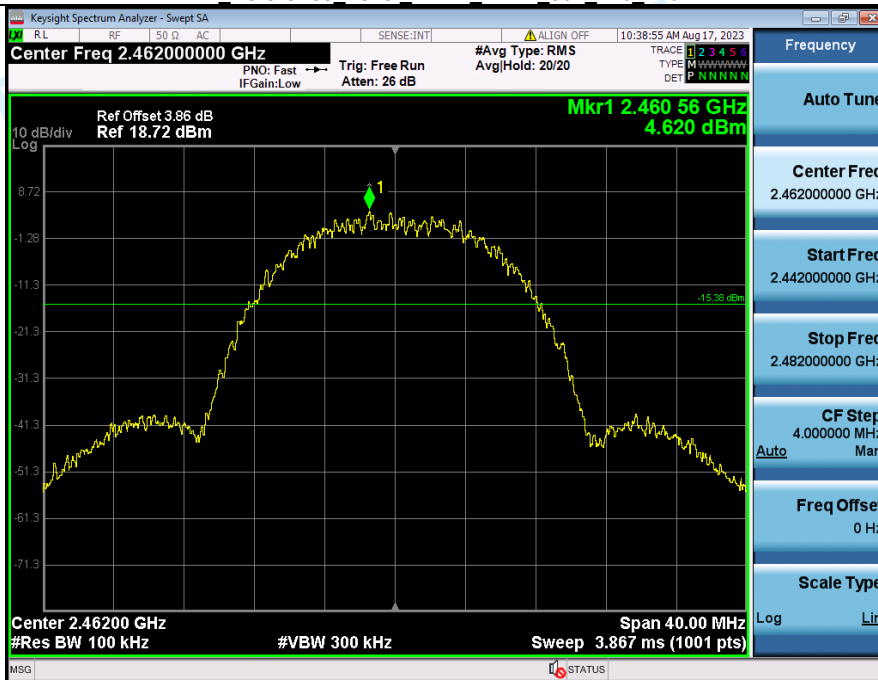
2 Spurious Emission NVNT ANT1 802 11b 2437



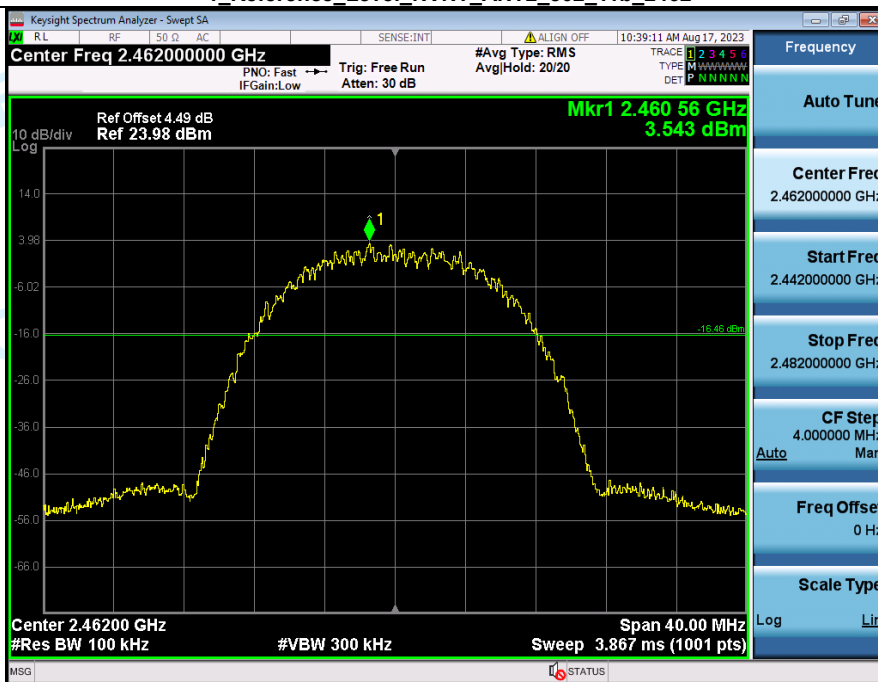
2 Spurious Emission NVNT ANT2 802 11b 2437



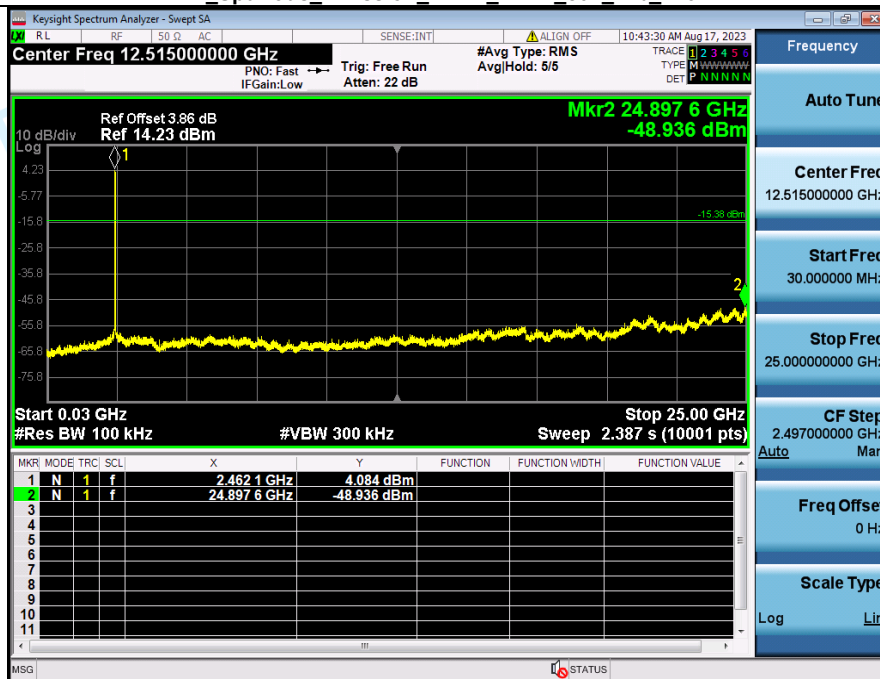
1 Reference Level NVNT ANT1 802 11b 2462



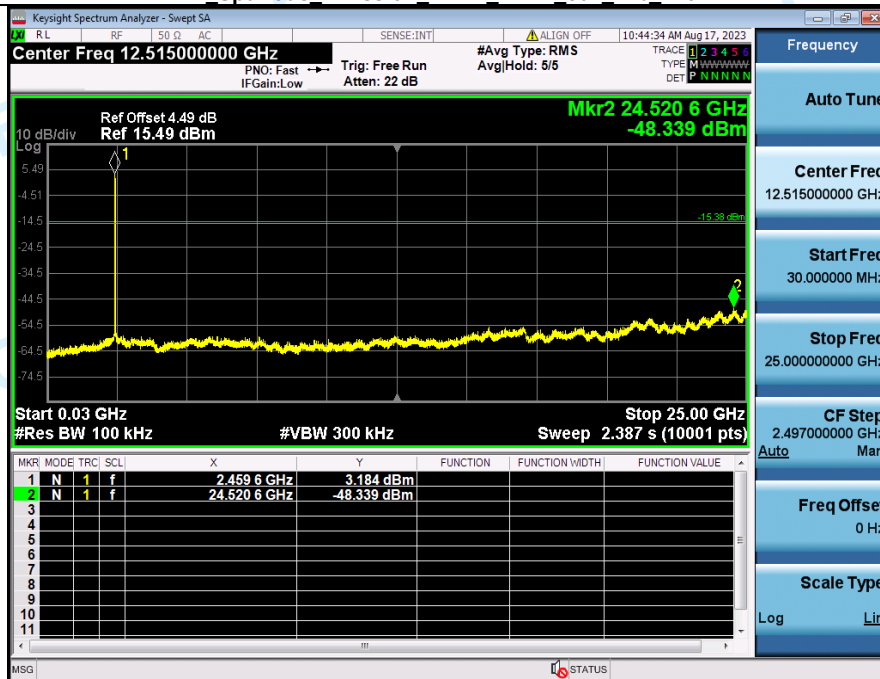
1 Reference Level NVNT ANT2 802 11b 2462



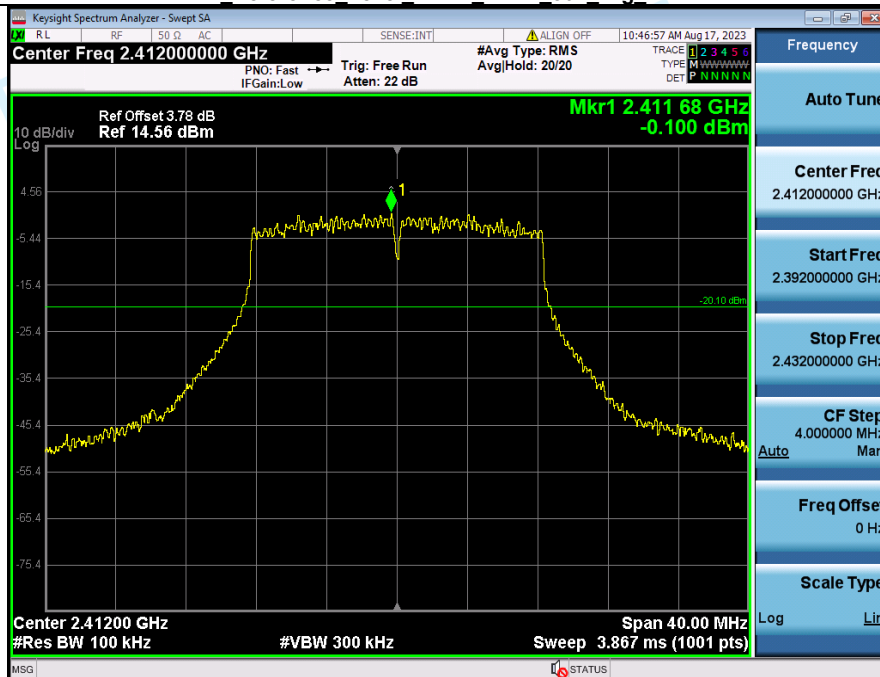
2 Spurious Emission NVNT ANT1 802 11b 2462



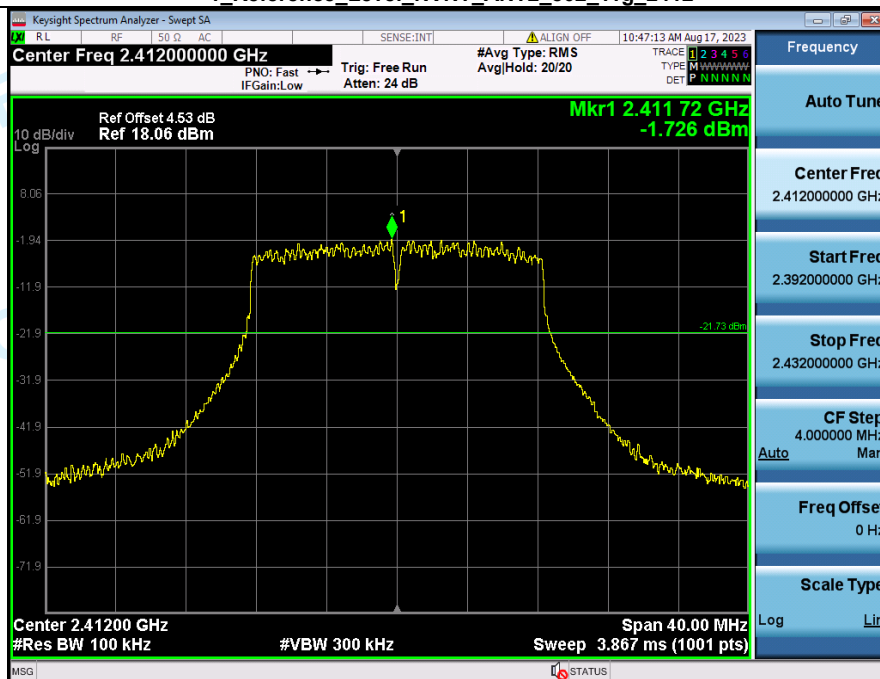
2 Spurious Emission NVNT ANT2 802 11b 2462



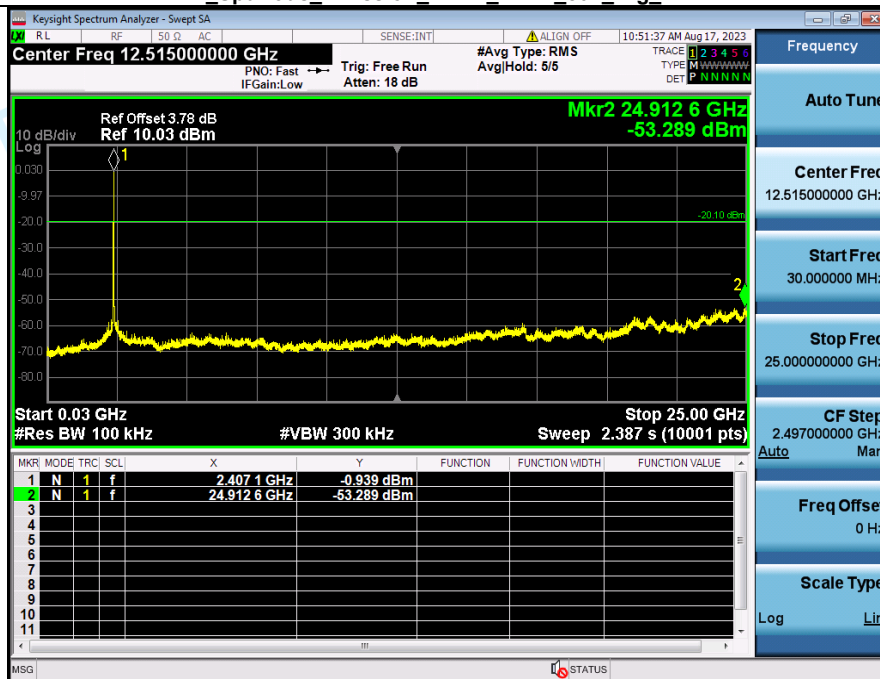
1 Reference Level NVNT ANT1 802 11g 2412



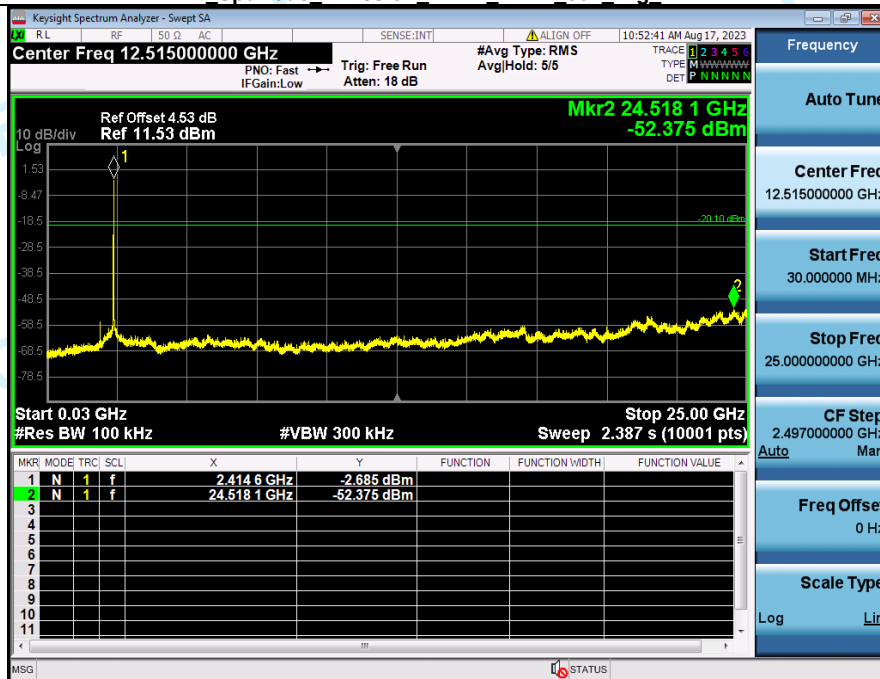
1 Reference Level NVNT ANT2 802 11g 2412



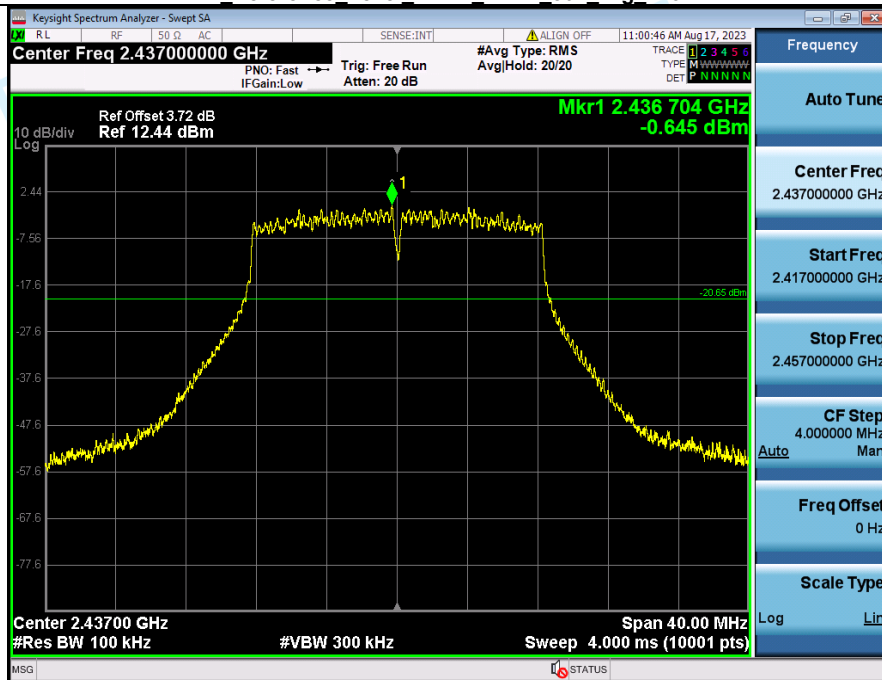
2 Spurious Emission NVNT ANT1 802 11g 2412



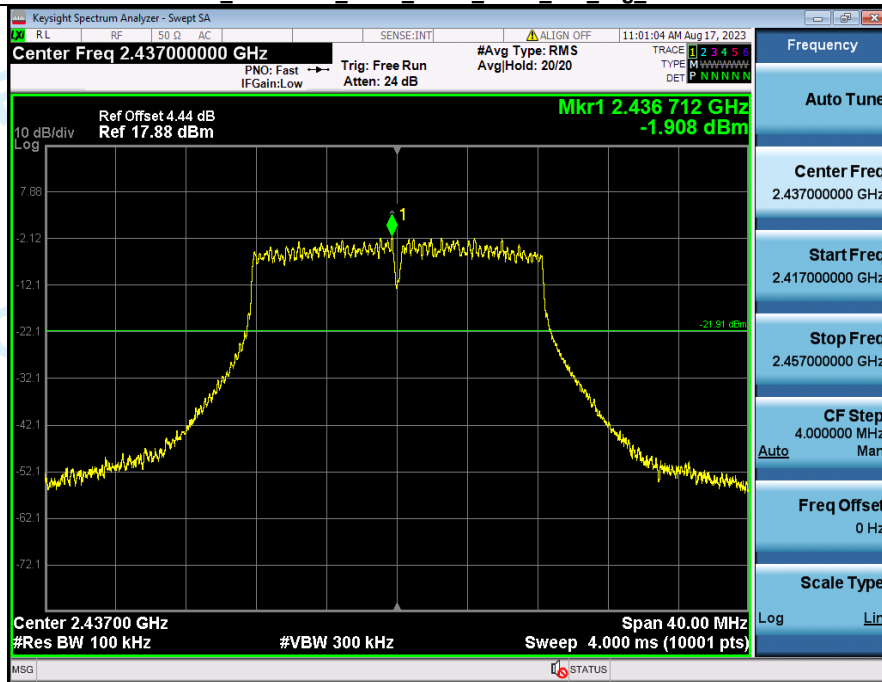
2 Spurious Emission NVNT ANT2 802 11g 2412



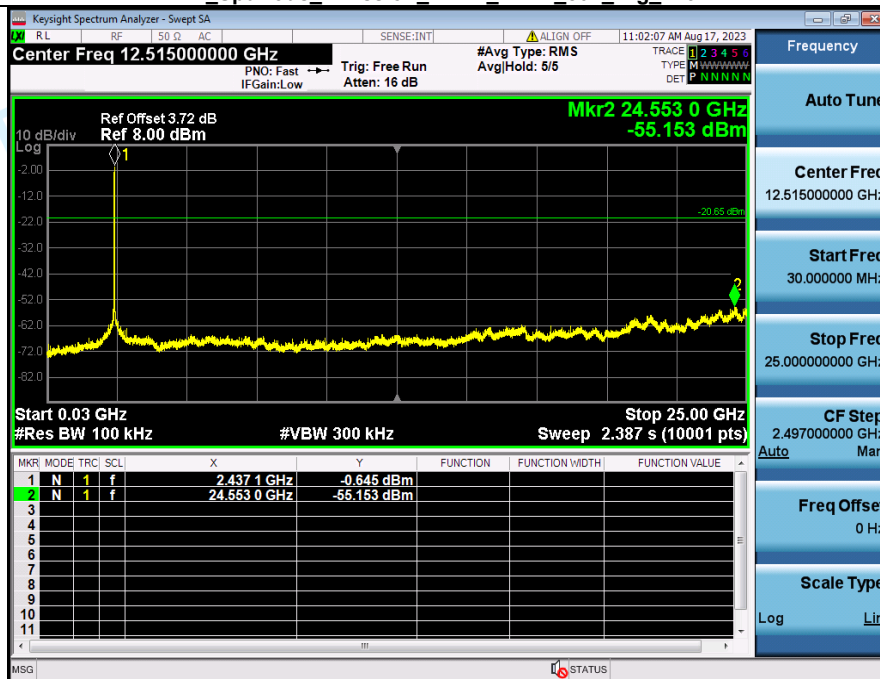
1 Reference Level NVNT ANT1 802 11g 2437



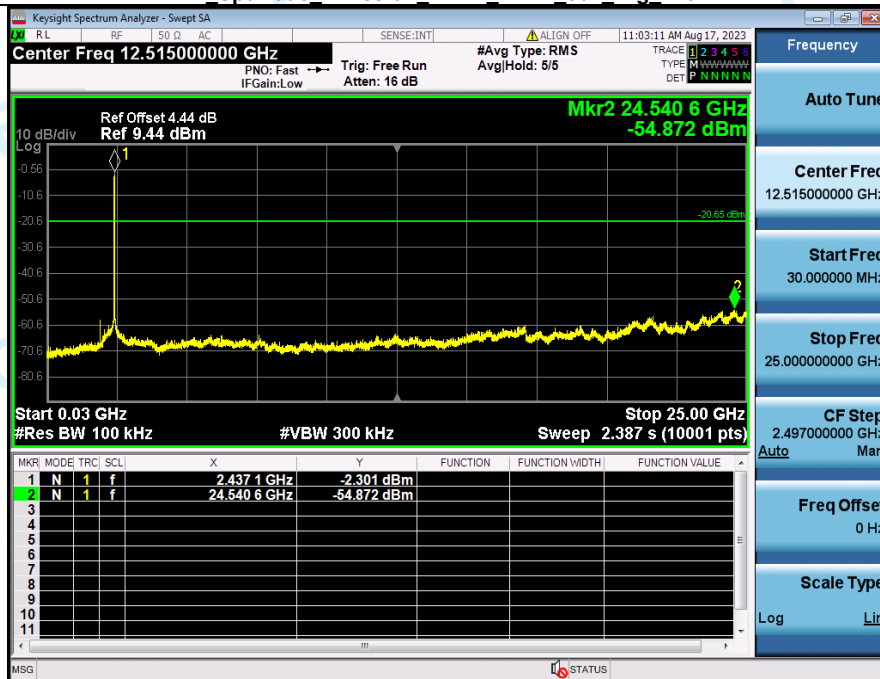
1 Reference Level NVNT ANT2 802 11g 2437



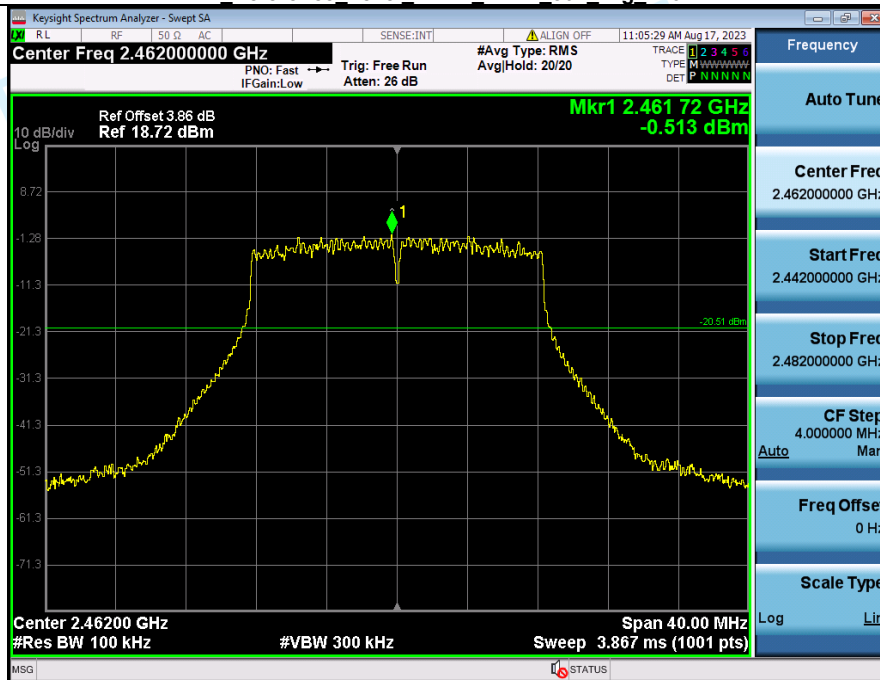
2 Spurious Emission NVNT ANT1 802 11g 2437



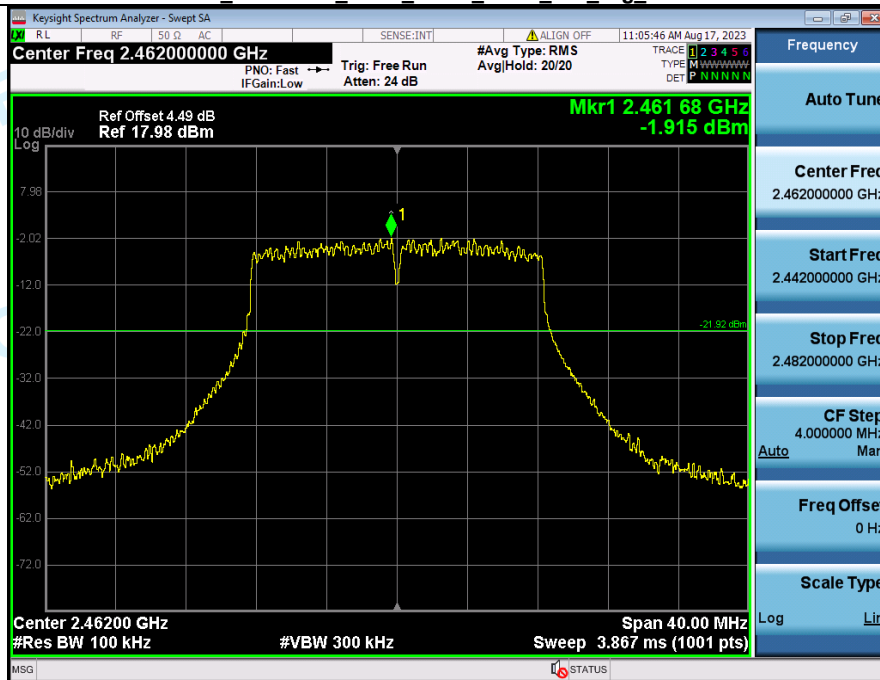
2 Spurious Emission NVNT ANT2 802 11g 2437



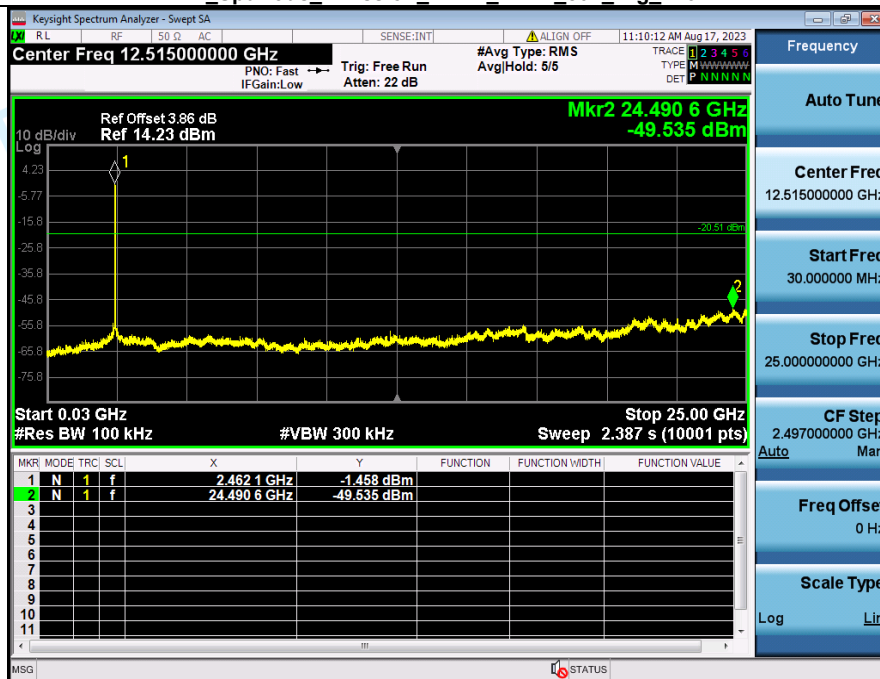
1 Reference Level NVNT ANT1 802 11g 2462



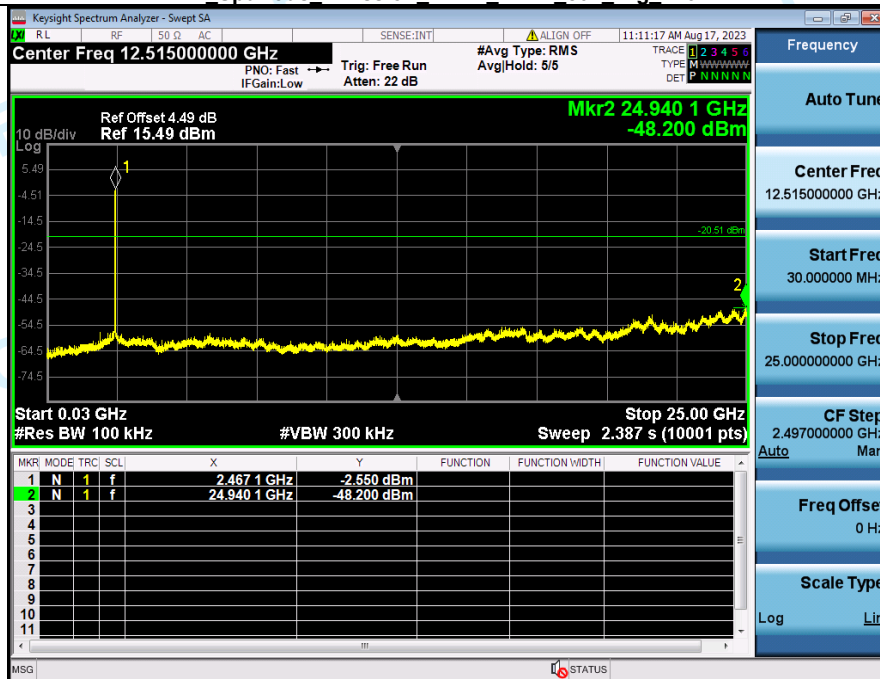
1 Reference Level NVNT ANT2 802 11g 2462



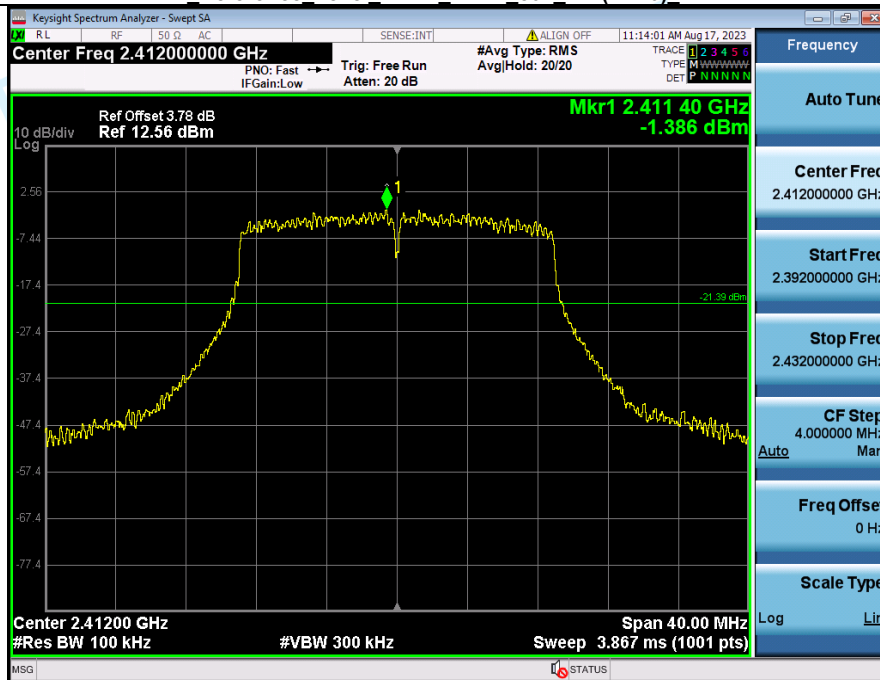
2 Spurious Emission NVNT ANT1 802 11g 2462



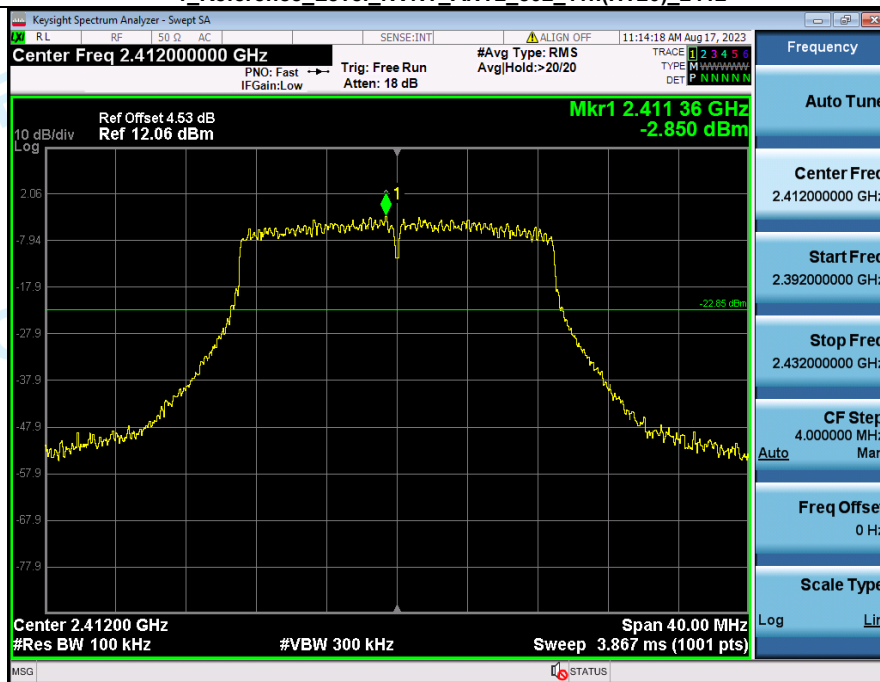
2 Spurious Emission NVNT ANT2 802 11g 2462



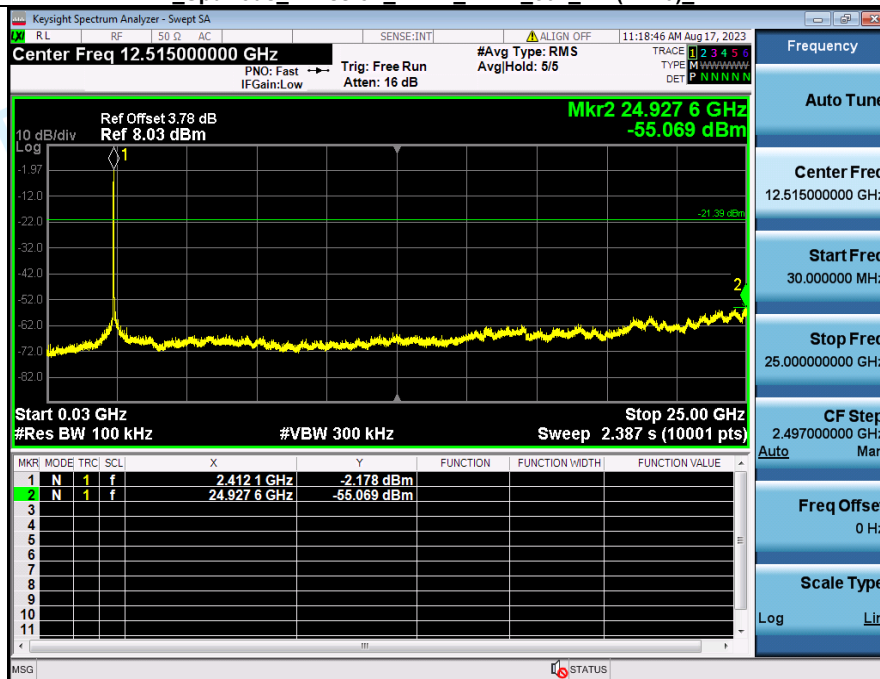
1 Reference Level NVNT ANT1_802_11n(HT20)_2412



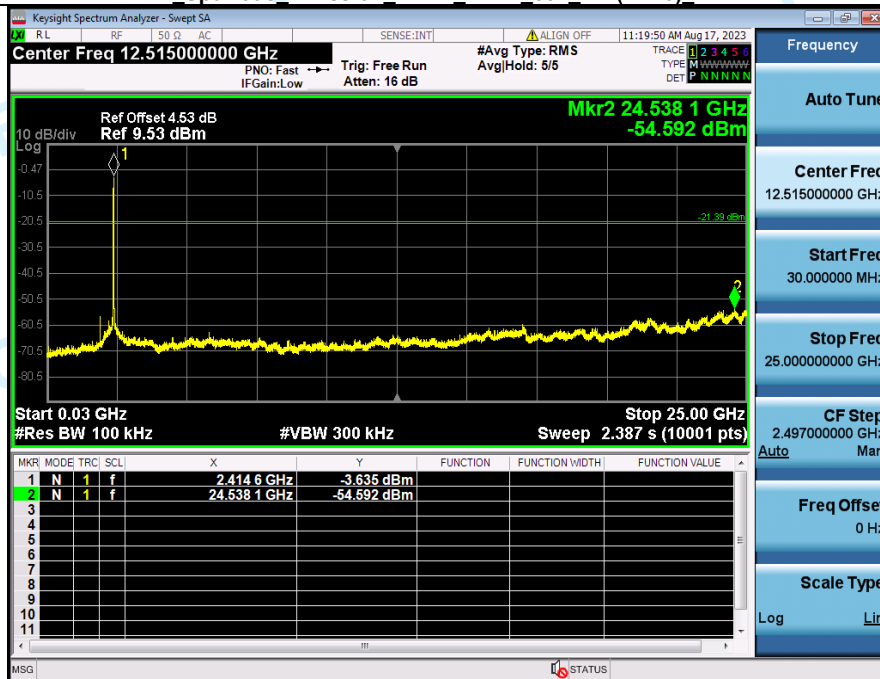
1 Reference Level NVNT ANT2_802_11n(HT20)_2412



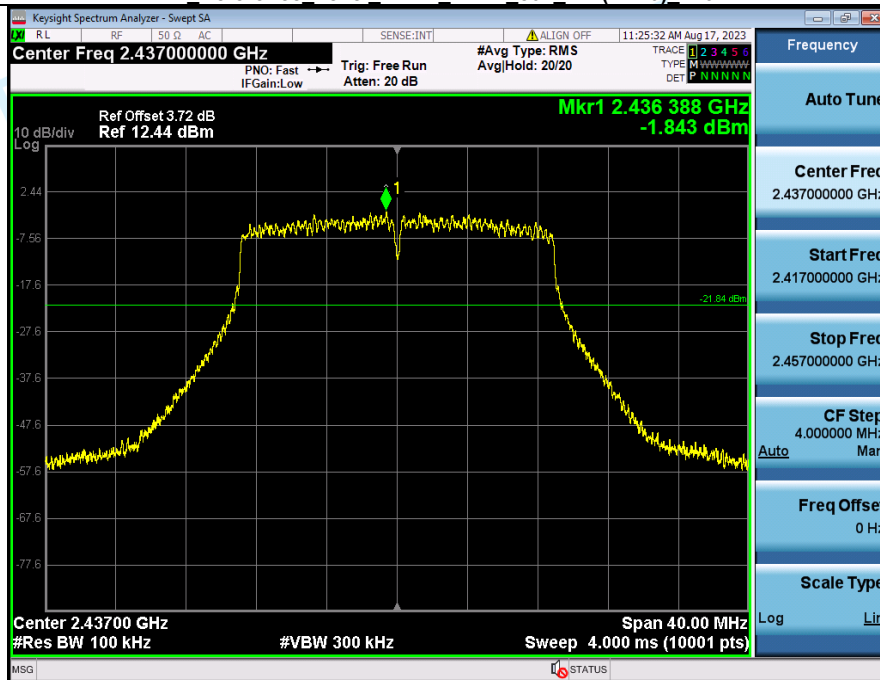
2 Spurious Emission NVNT ANT1_802_11n(HT20) 2412



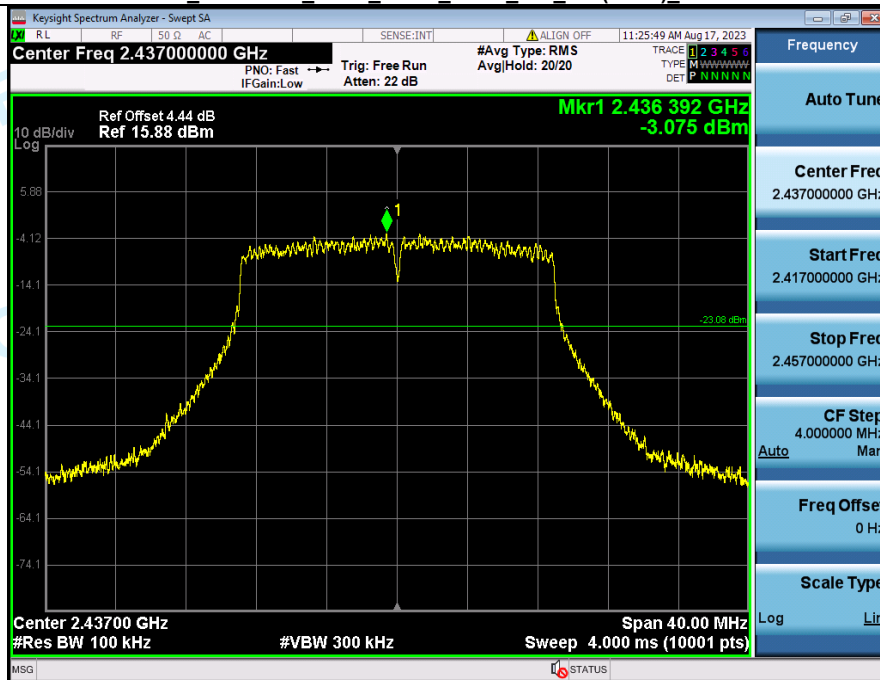
2 Spurious Emission NVNT ANT2_802_11n(HT20) 2412



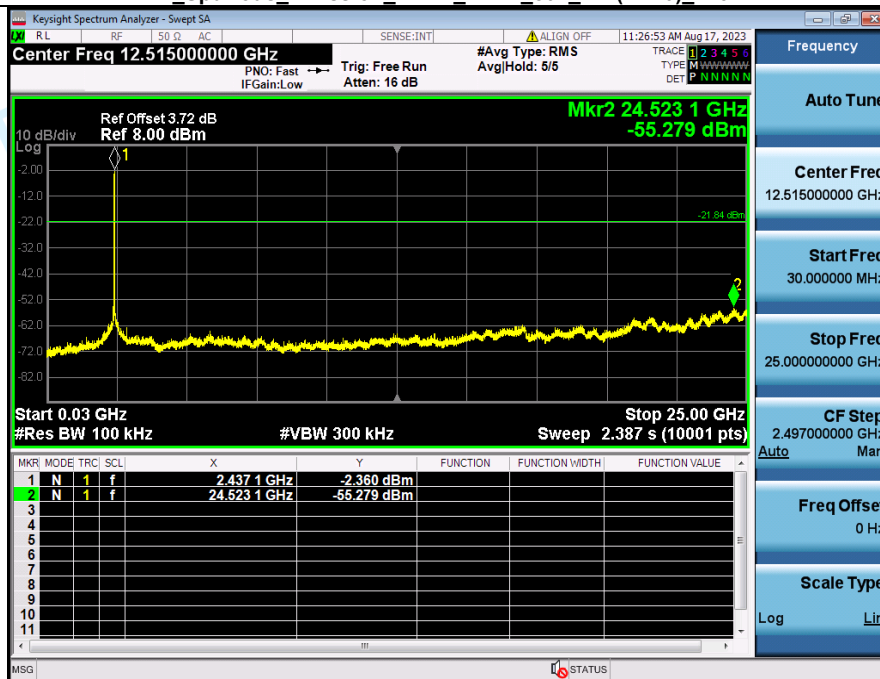
1 Reference Level NVNT ANT1_802_11n(HT20)_2437



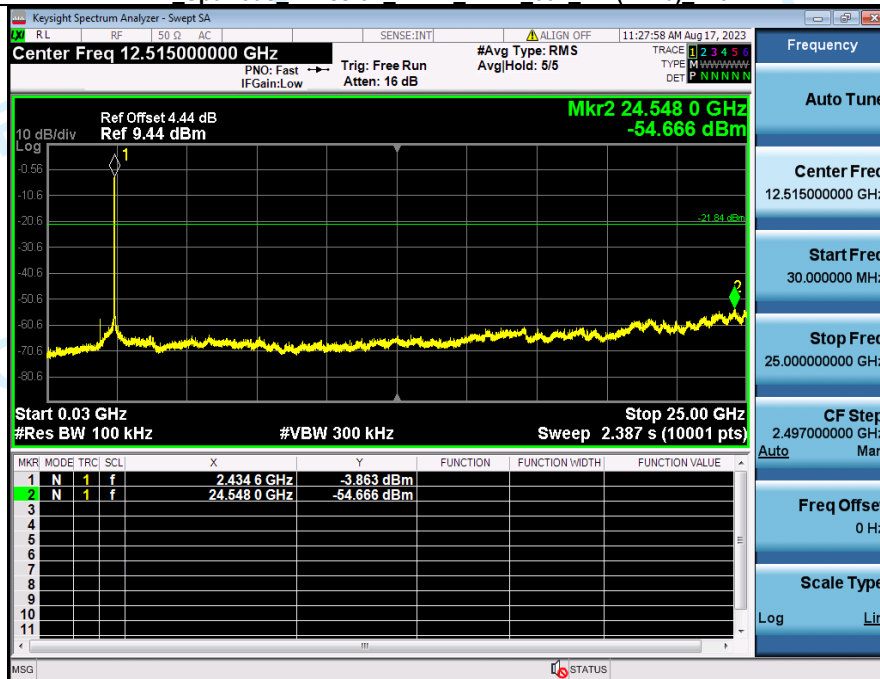
1 Reference Level NVNT ANT2_802_11n(HT20)_2437



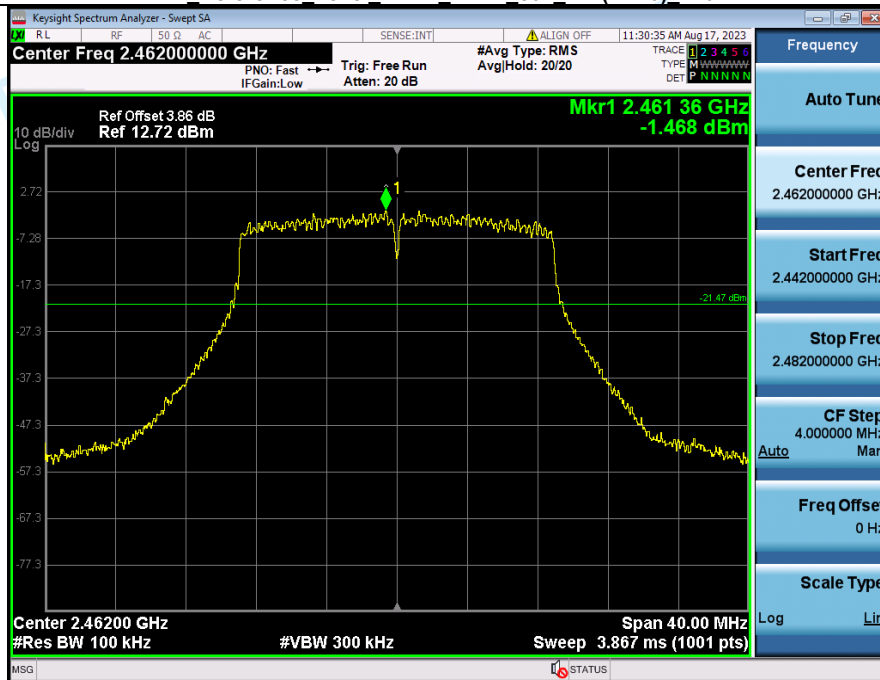
2 Spurious Emission NVNT_ANT1_802_11n(HT20)_2437



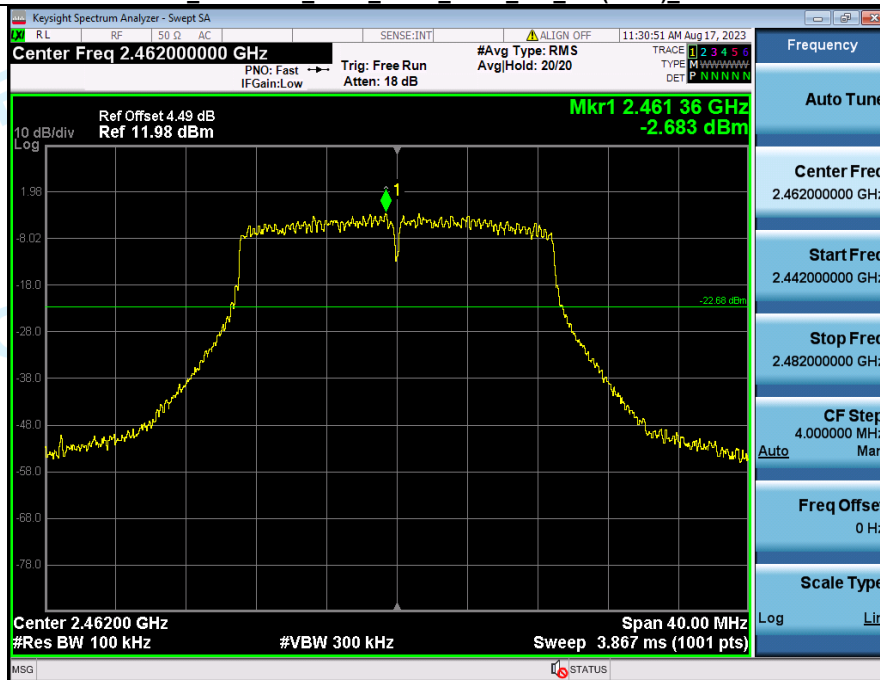
2 Spurious Emission NVNT_ANT2_802_11n(HT20)_2437



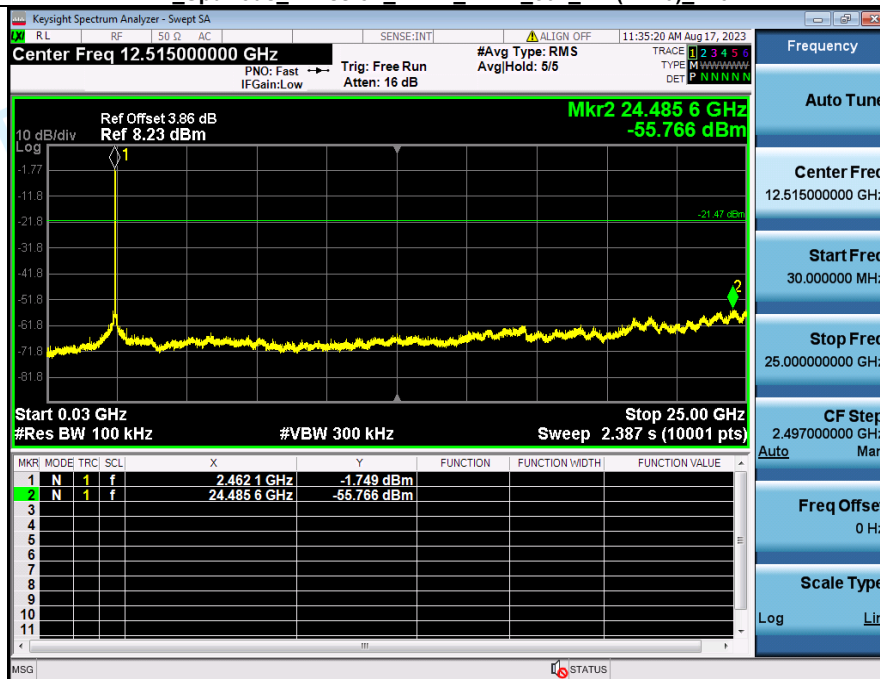
1 Reference Level NVNT ANT1_802_11n(HT20)_2462



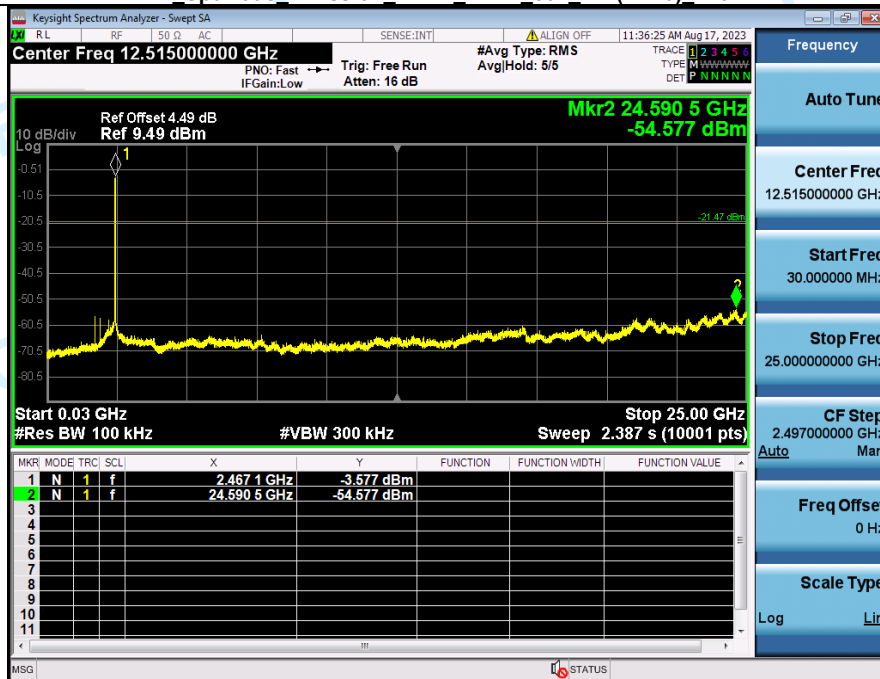
1 Reference Level NVNT ANT2_802_11n(HT20)_2462



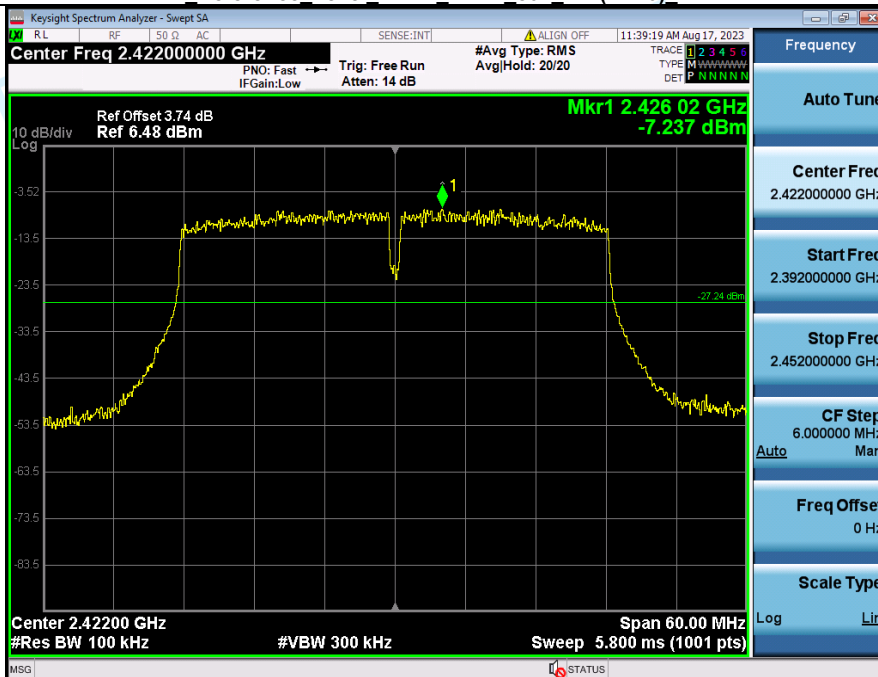
2 Spurious Emission NVNT_ANT1_802_11n(HT20) 2462



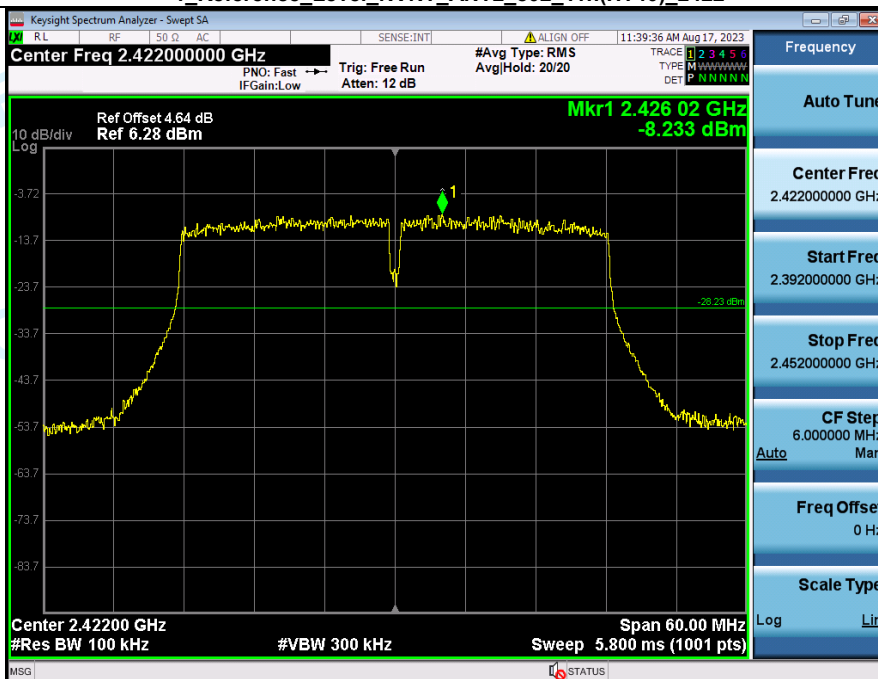
2 Spurious Emission NVNT_ANT2_802_11n(HT20) 2462



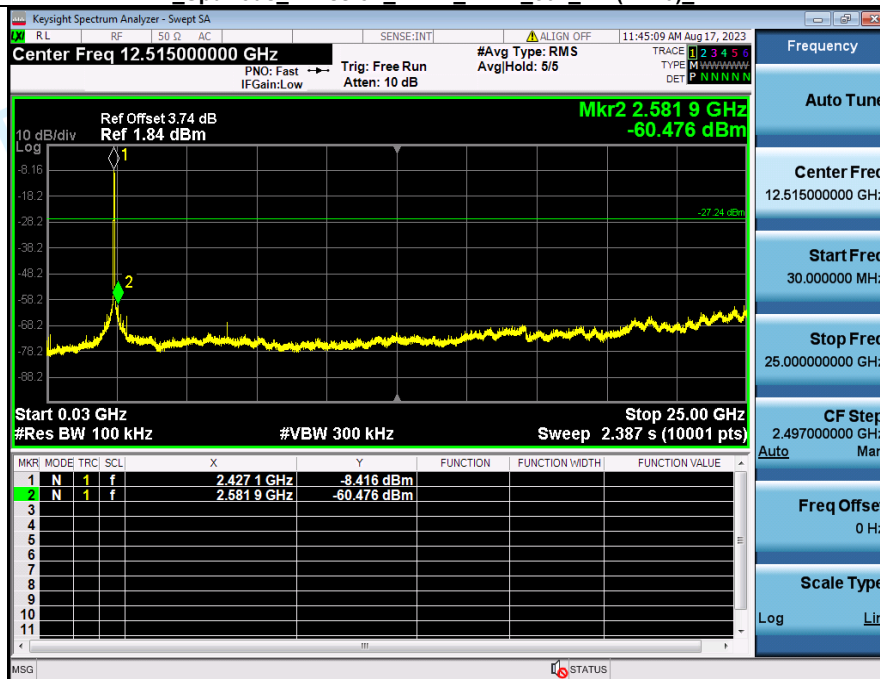
1 Reference Level NVNT ANT1_802_11n(HT40)_2422



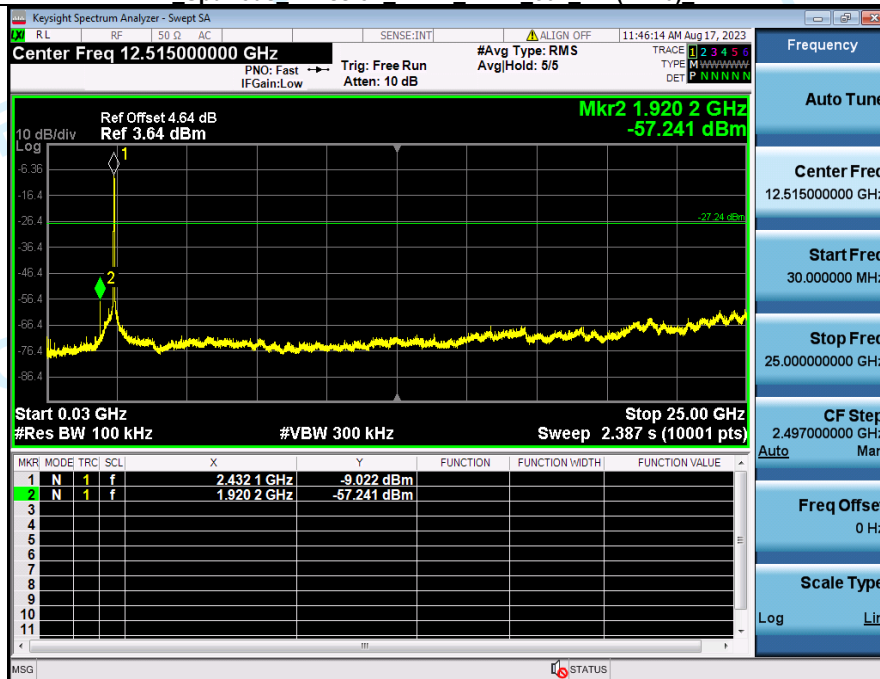
1 Reference Level NVNT ANT2_802_11n(HT40)_2422



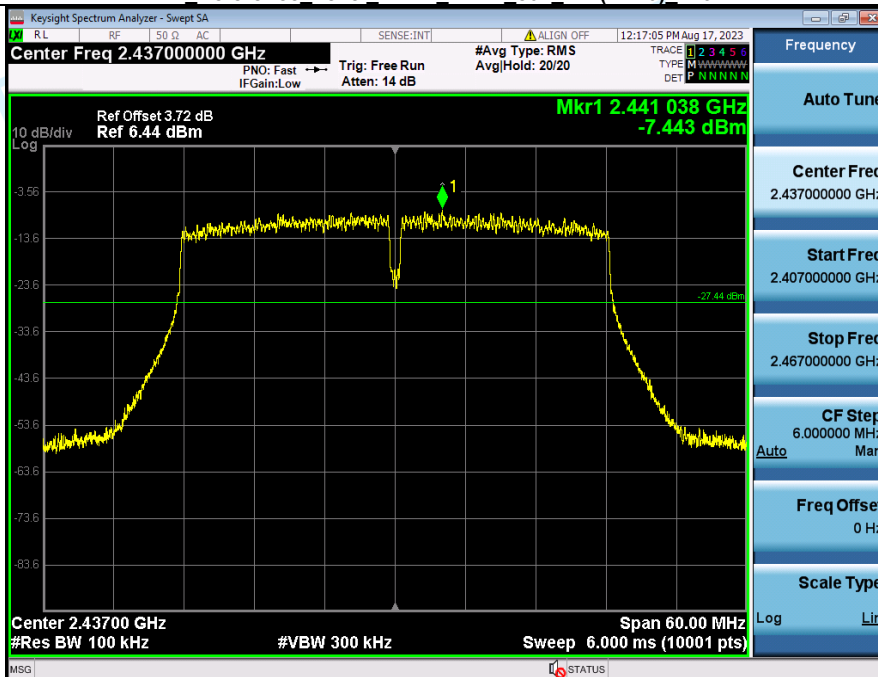
2 Spurious Emission NVNT_ANT1_802_11n(HT40) 2422



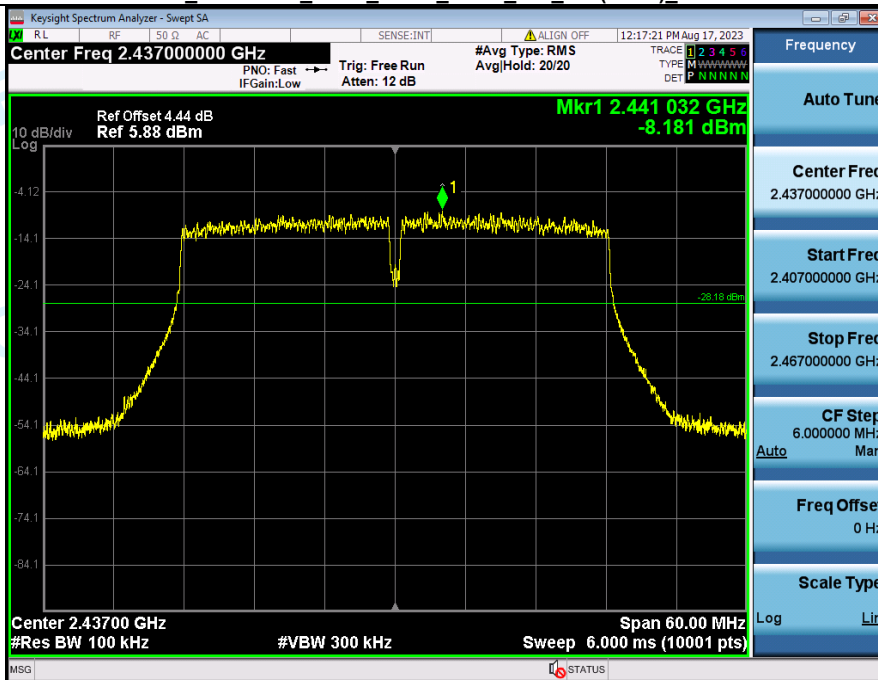
2 Spurious Emission NVNT_ANT2_802_11n(HT40) 2422



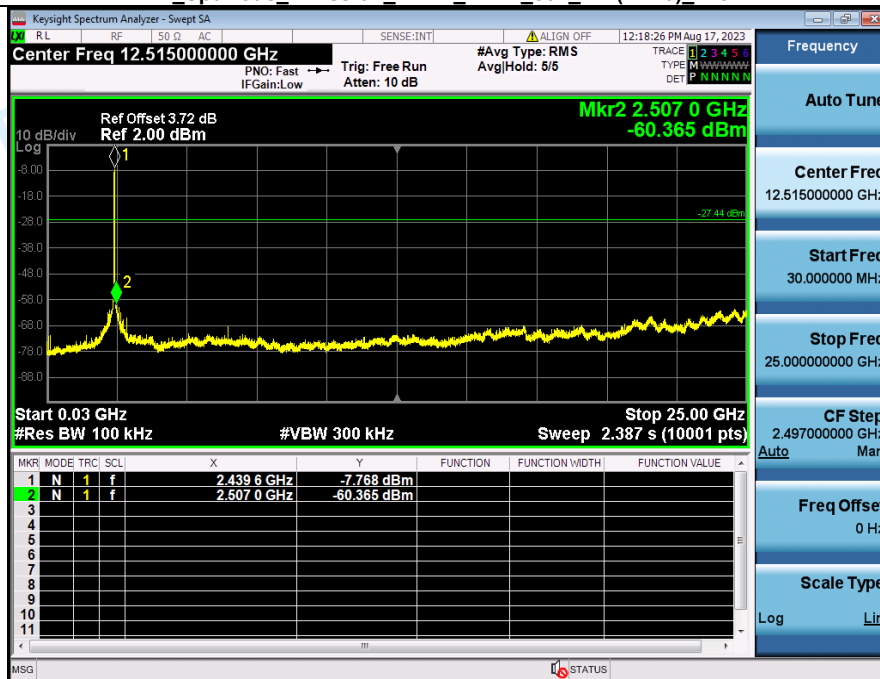
1 Reference Level NVNT ANT1_802_11n(HT40)_2437



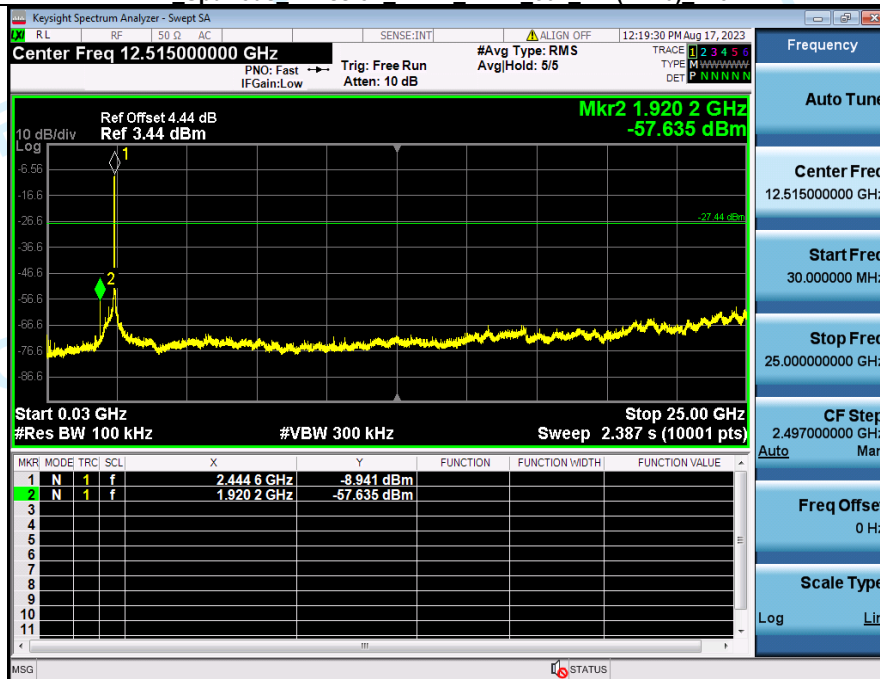
1 Reference Level NVNT ANT2_802_11n(HT40)_2437



2 Spurious Emission NVNT_ANT1_802_11n(HT40) 2437



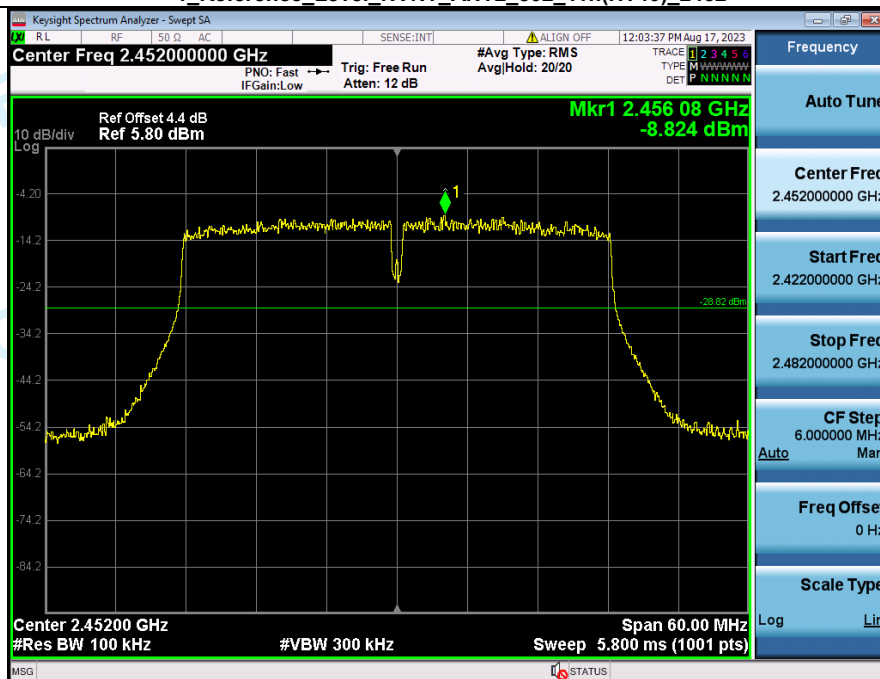
2 Spurious Emission NVNT_ANT2_802_11n(HT40) 2437



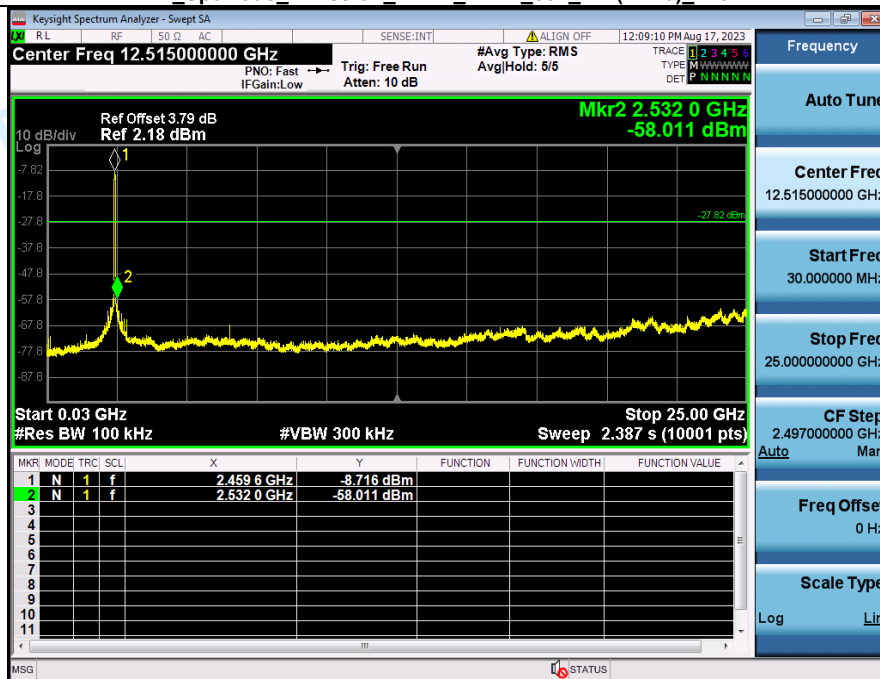
1 Reference Level NVNT ANT1_802_11n(HT40)_2452



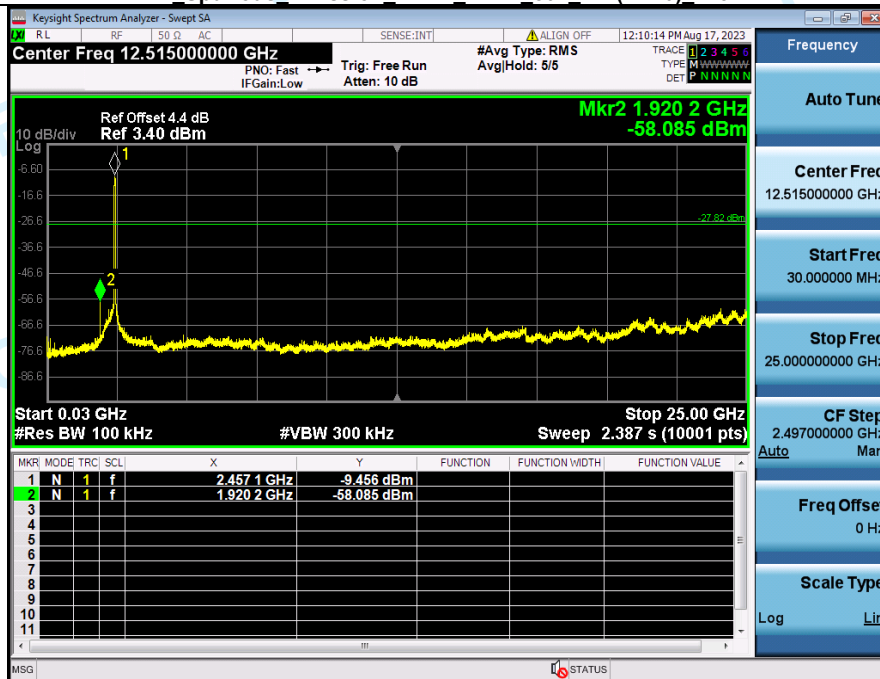
1 Reference Level NVNT ANT2_802_11n(HT40)_2452



2 Spurious Emission NVNT ANT1 802_11n(HT40) 2452



2 Spurious Emission NVNT ANT2 802_11n(HT40) 2452



***** End of Report *****