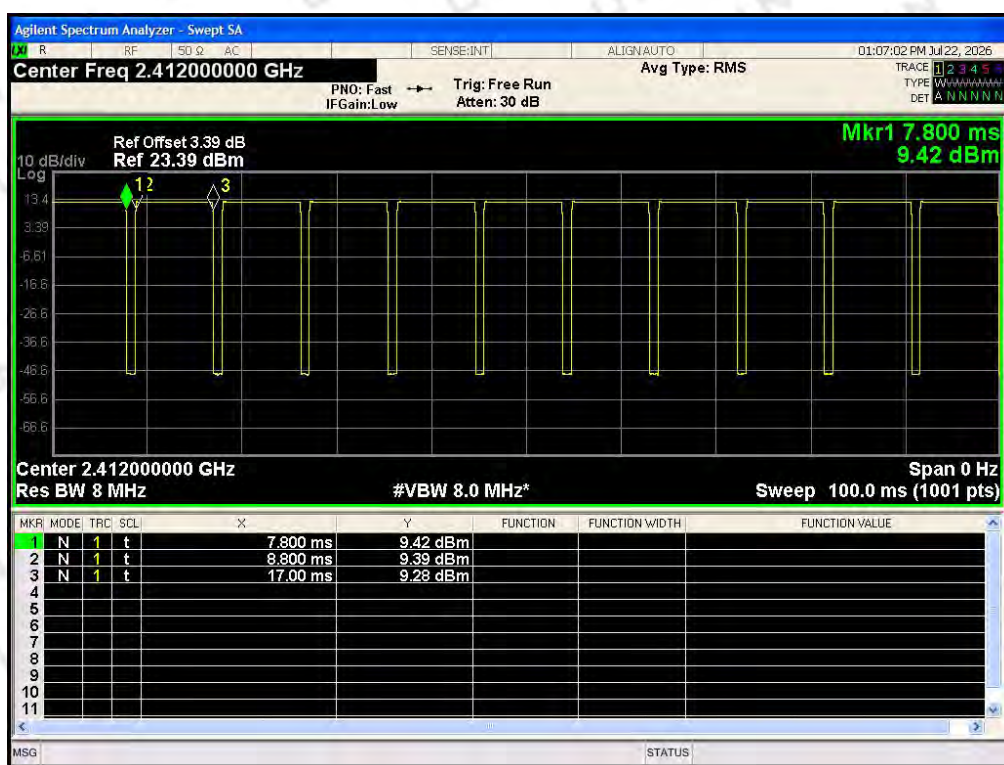


2.4G WIFI RF test data

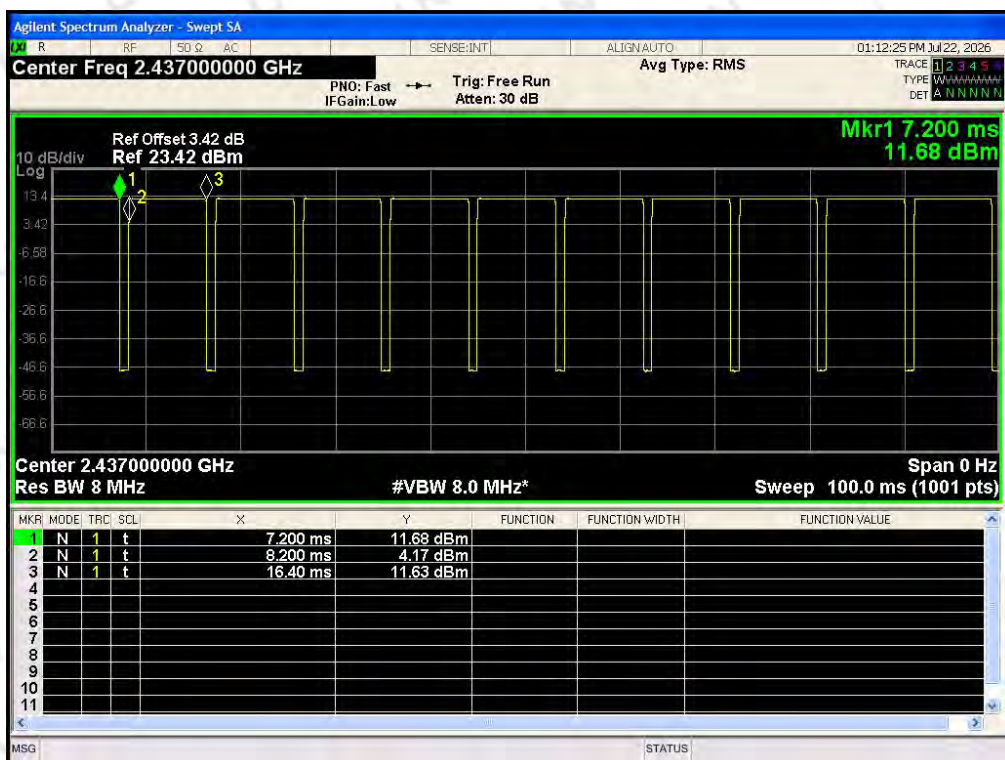
Duty Cycle

Condition	Mode	Frequency (MHz)	Duty Cycle (%)	Correction Factor (dB)
NVNT	802.11b	2412	89.13	0.5
NVNT	802.11b	2437	89.13	0.5
NVNT	802.11b	2462	89.13	0.5
NVNT	802.11g	2412	58.33	2.34
NVNT	802.11g	2437	58.33	2.34
NVNT	802.11g	2462	57.45	2.41
NVNT	802.11n(HT20)	2412	55.56	2.55
NVNT	802.11n(HT20)	2437	54.35	2.65
NVNT	802.11n(HT20)	2462	56.52	2.48

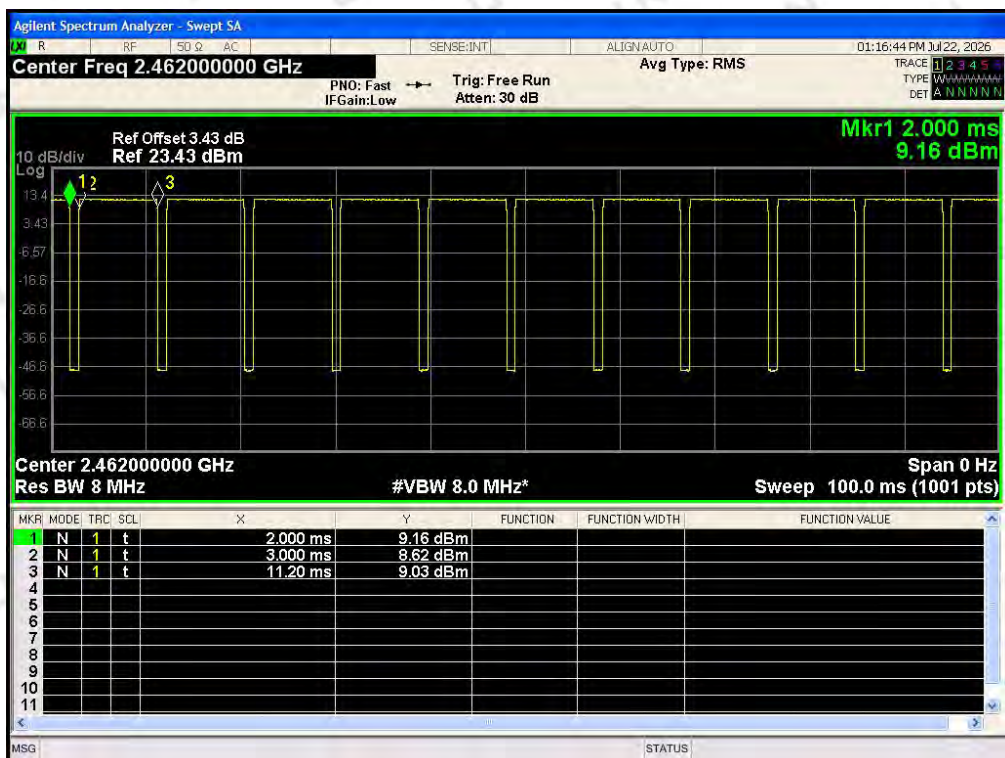
Duty Cycle NVNT 802.11b 2412MHz



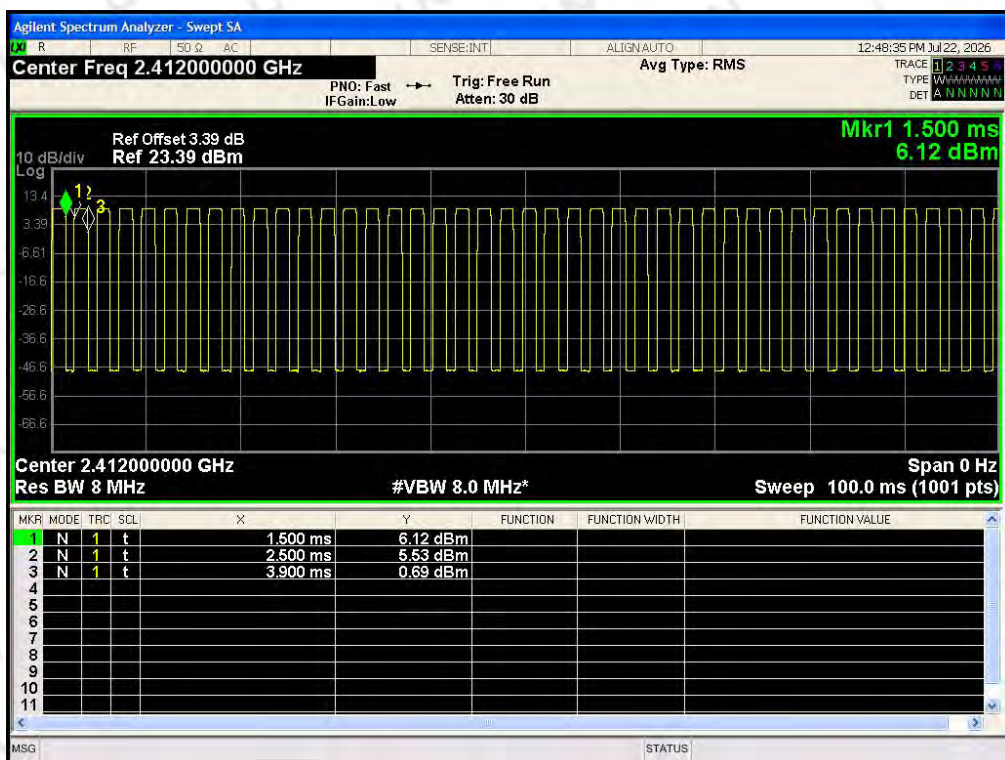
Duty Cycle NVNT 802.11b 2437MHz



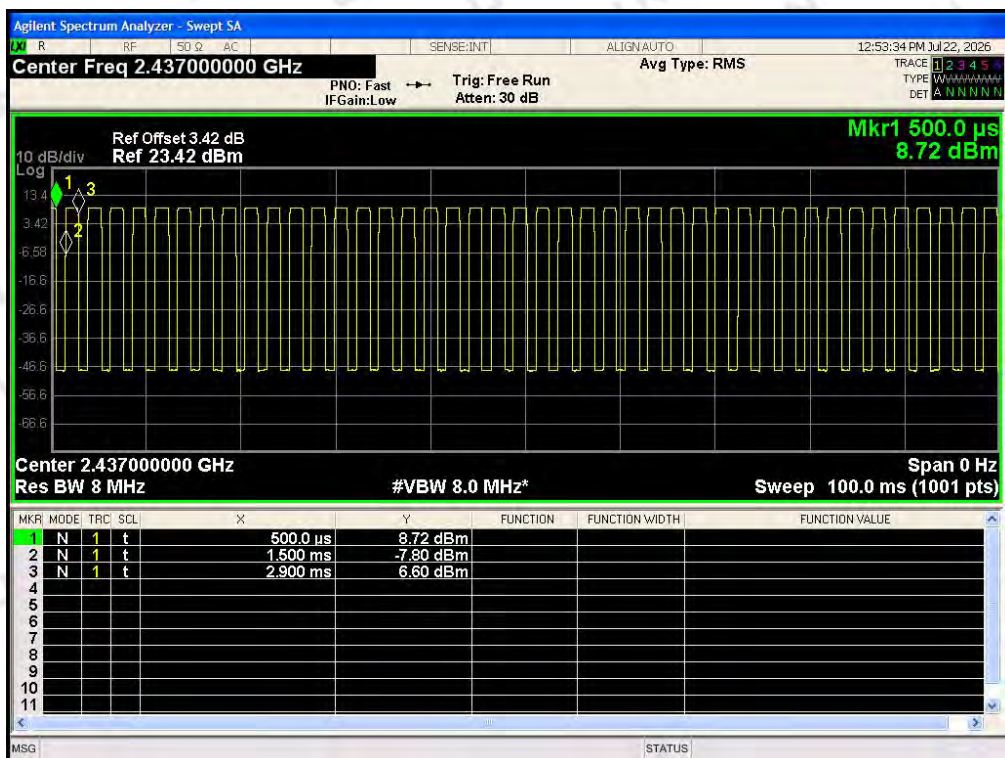
Duty Cycle NVNT 802.11b 2462MHz



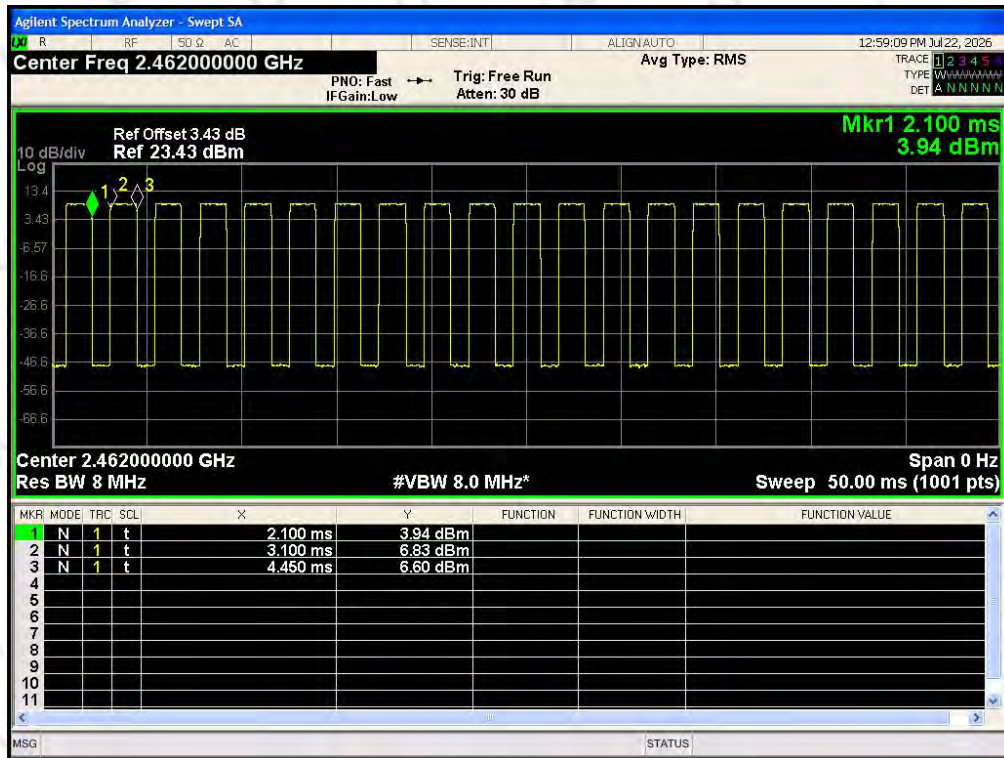
Duty Cycle NVNT 802.11g 2412MHz



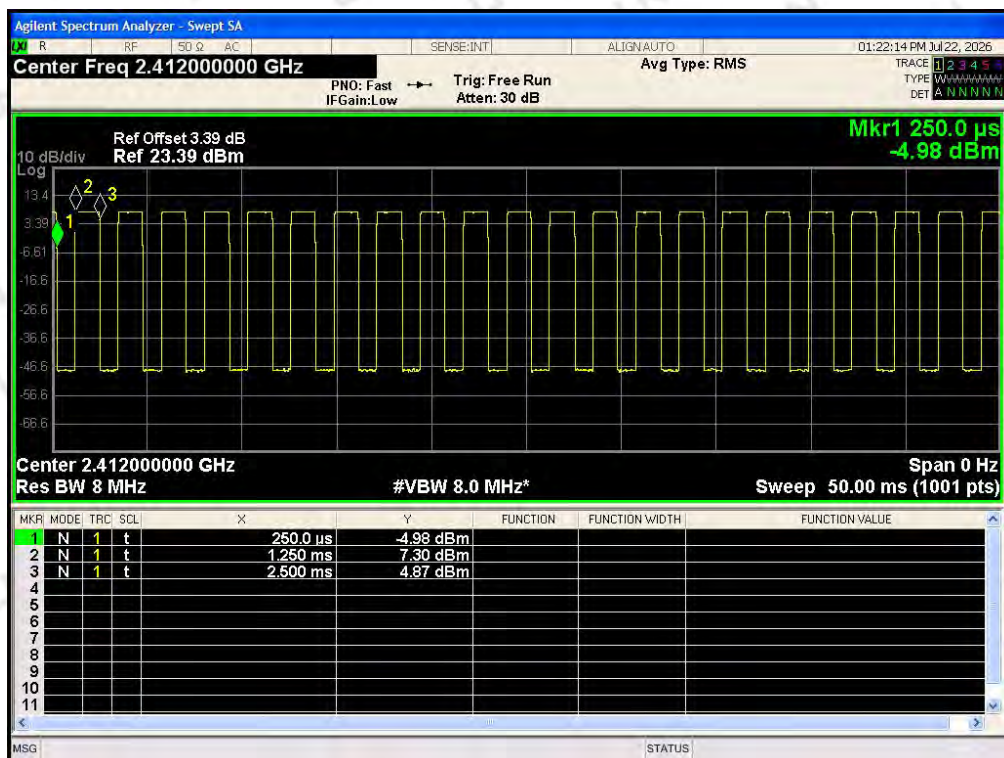
Duty Cycle NVNT 802.11g 2437MHz



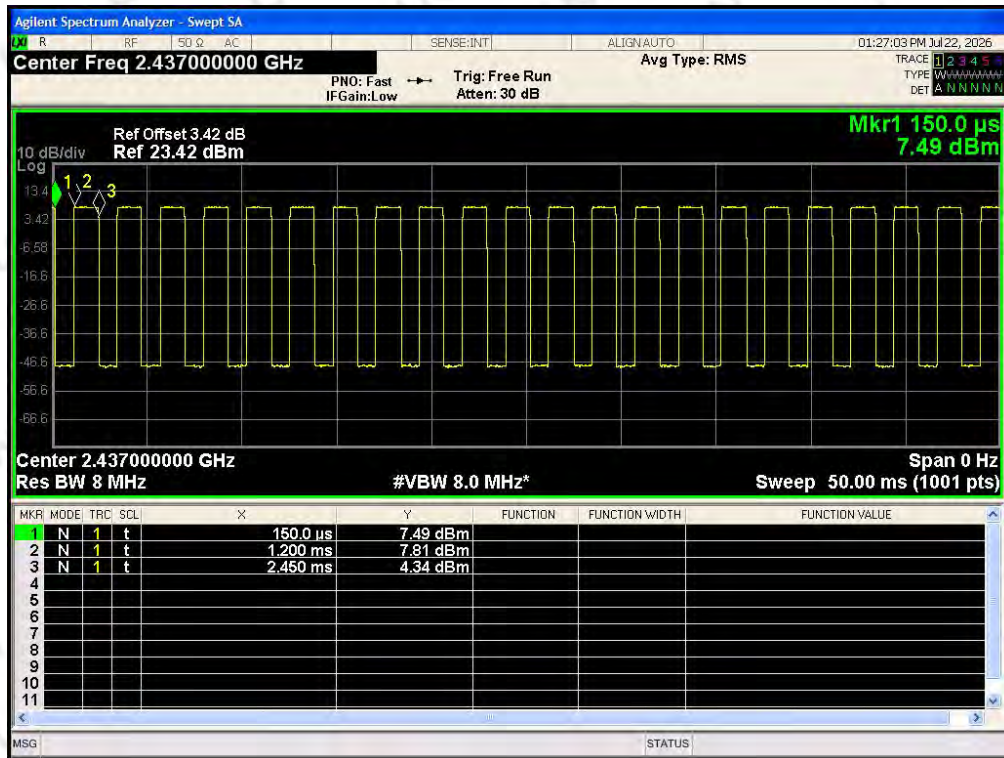
Duty Cycle NVNT 802.11g 2462MHz



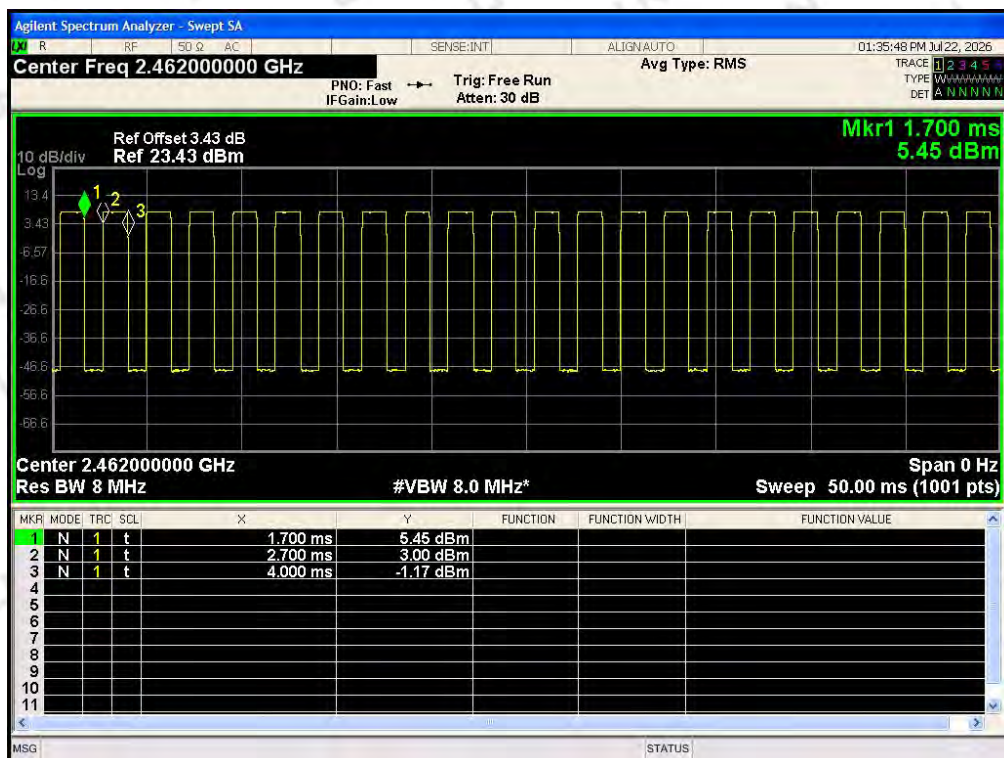
Duty Cycle NVNT 802.11n(HT20) 2412MHz



Duty Cycle NVNT 802.11n(HT20) 2437MHz



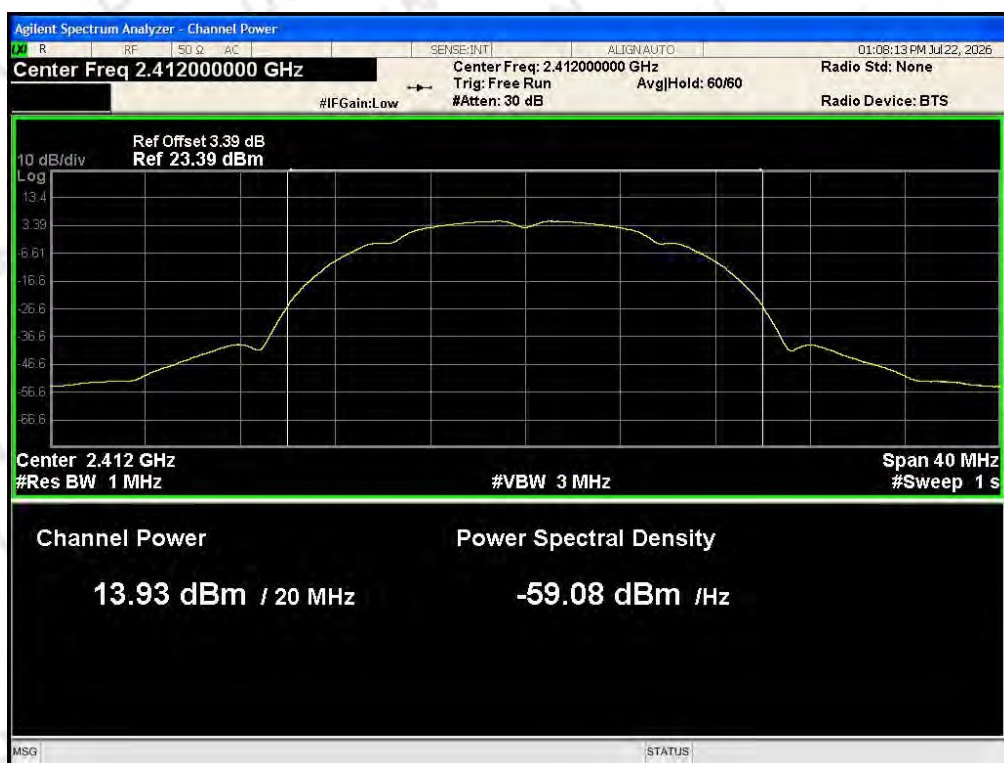
Duty Cycle NVNT 802.11n(HT20) 2462MHz



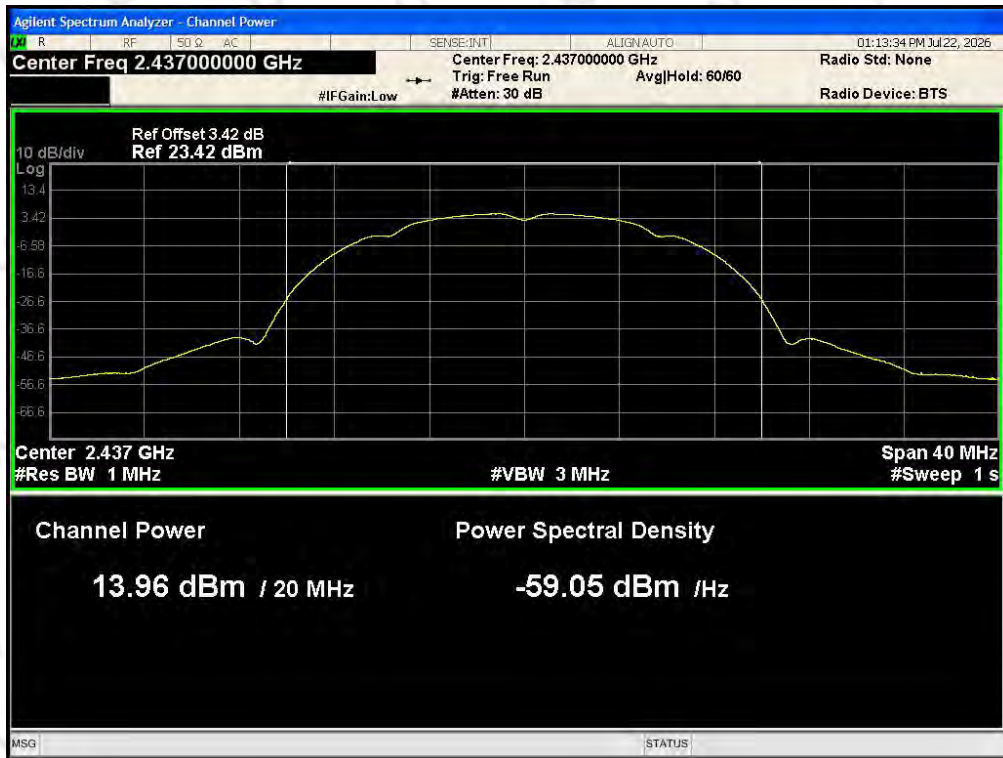
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	802.11b	2412	Ant 1	13.929	0.5	14.429	30	Pass
NVNT	802.11b	2437	Ant 1	13.964	0.5	14.464	30	Pass
NVNT	802.11b	2462	Ant 1	13.547	0.5	14.047	30	Pass
NVNT	802.11g	2412	Ant 1	12.975	2.34	15.315	30	Pass
NVNT	802.11g	2437	Ant 1	13.017	2.34	15.357	30	Pass
NVNT	802.11g	2462	Ant 1	12.931	2.41	15.341	30	Pass
NVNT	802.11n(HT20)	2412	Ant 1	11.947	2.55	14.497	30	Pass
NVNT	802.11n(HT20)	2437	Ant 1	12.027	2.65	14.677	30	Pass
NVNT	802.11n(HT20)	2462	Ant 1	11.901	2.48	14.381	30	Pass

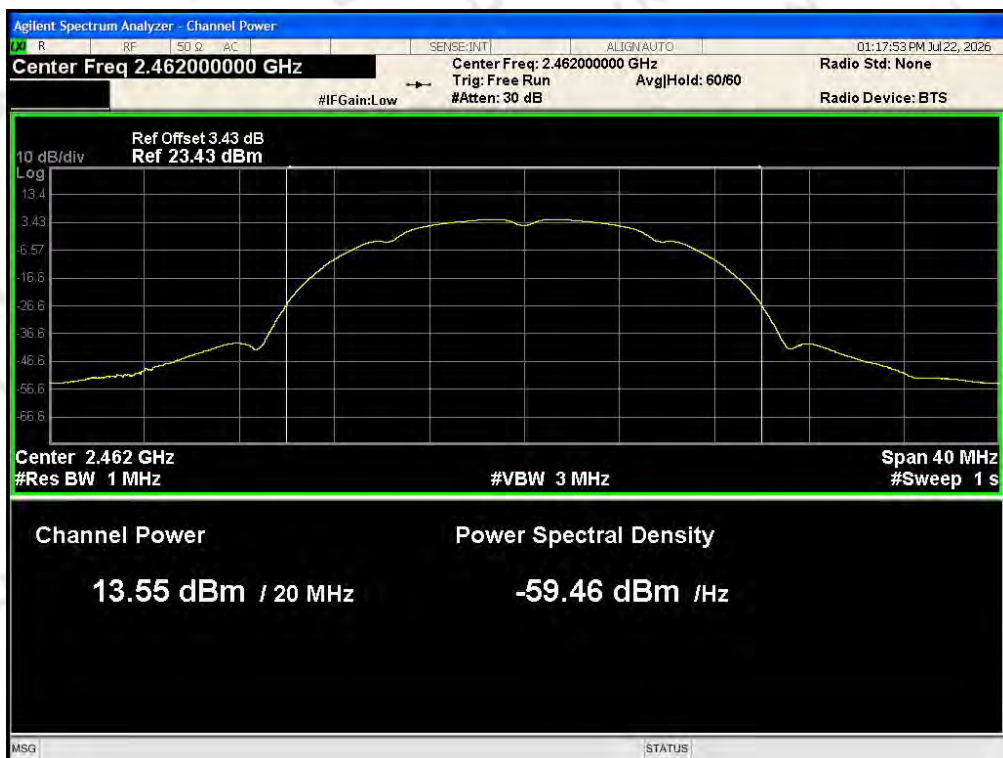
Power NVNT 802.11b 2412MHz Ant1



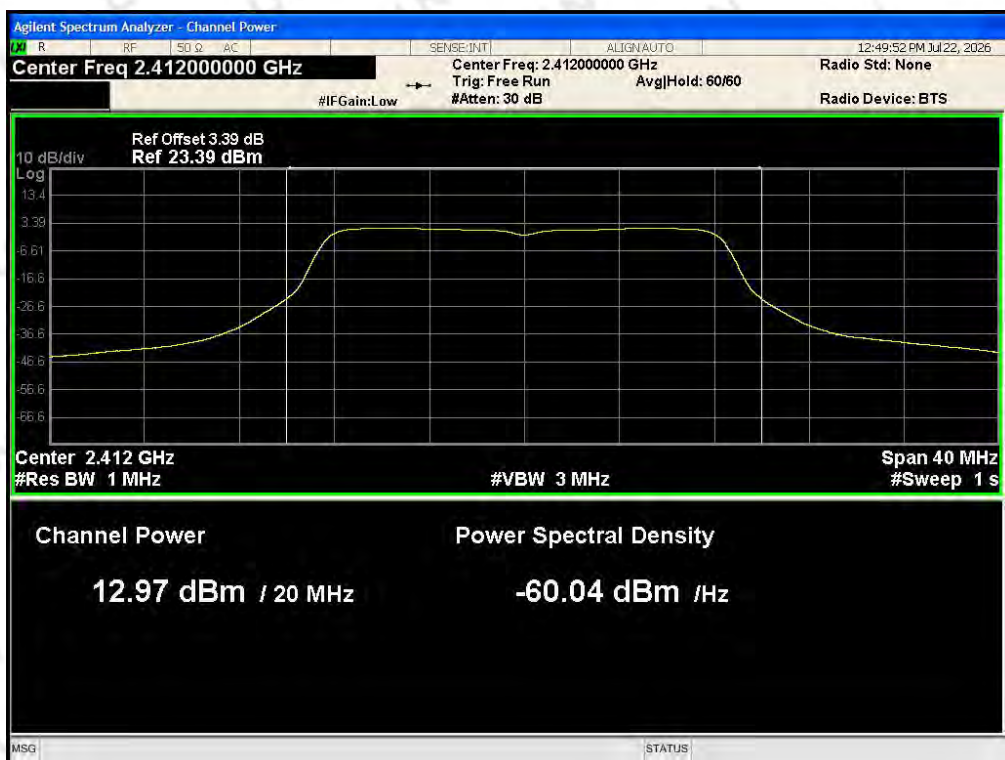
Power NVNT 802.11b 2437MHz Ant1



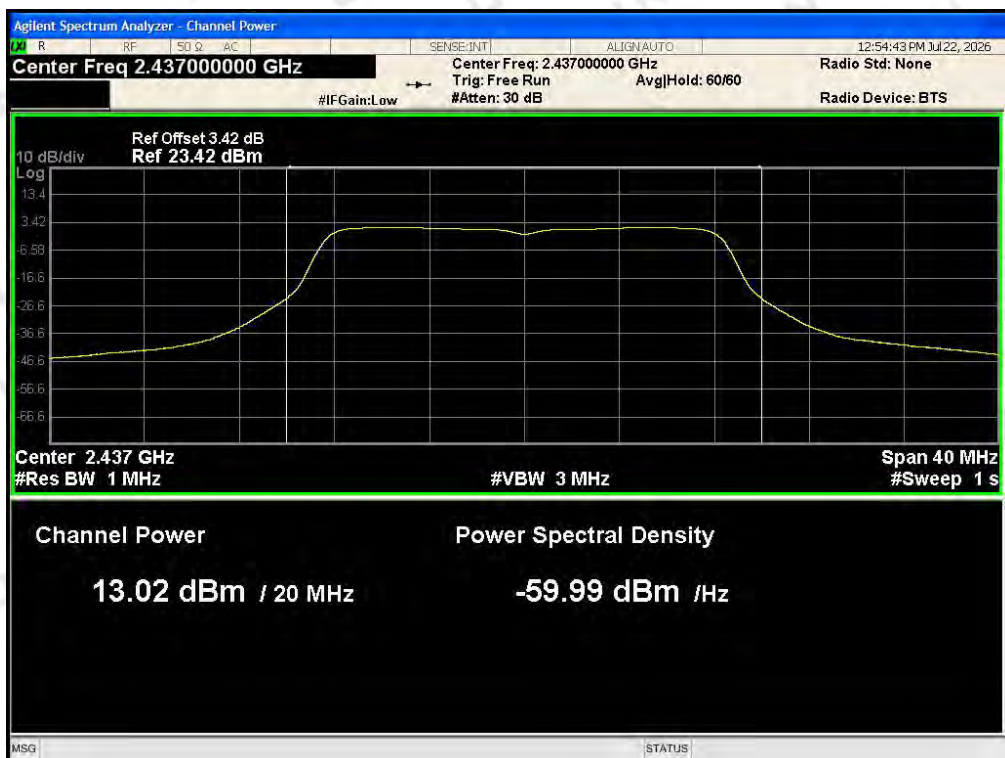
Power NVNT 802.11b 2462MHz Ant1



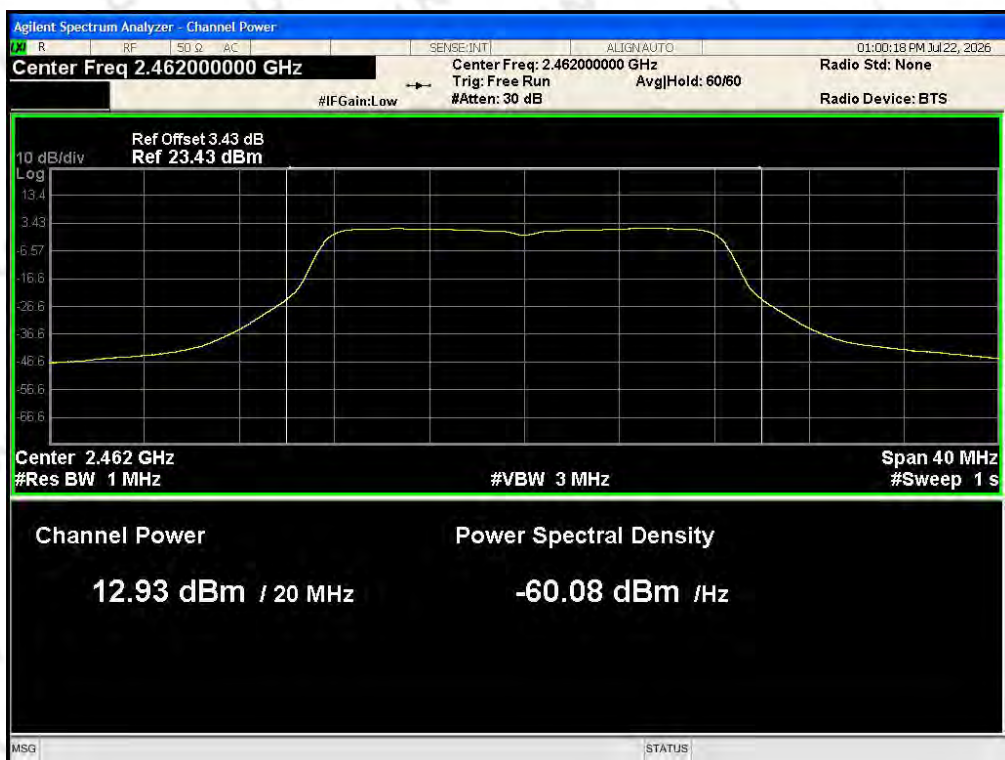
Power NVNT 802.11g 2412MHz Ant1



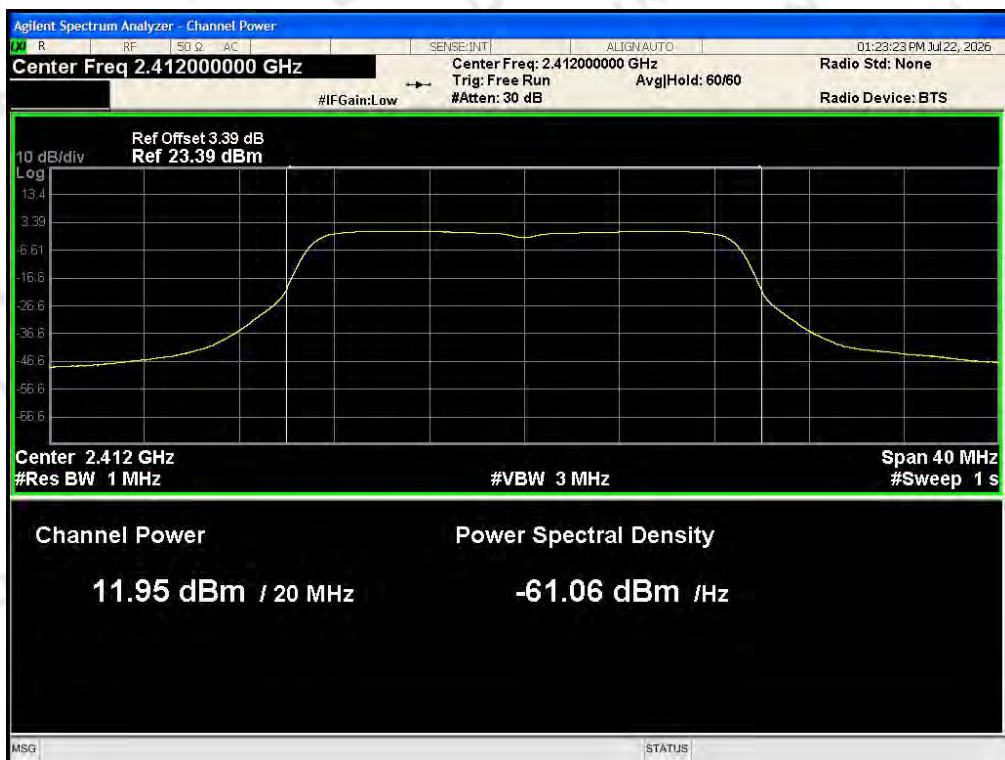
Power NVNT 802.11g 2437MHz Ant1



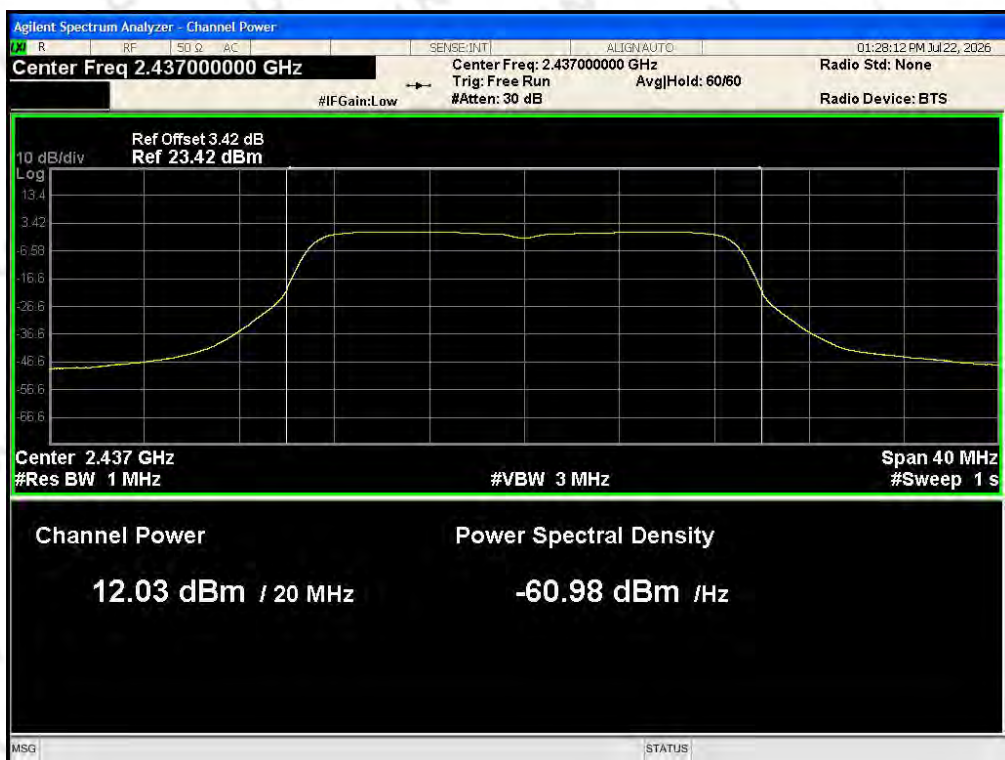
Power NVNT 802.11g 2462MHz Ant1



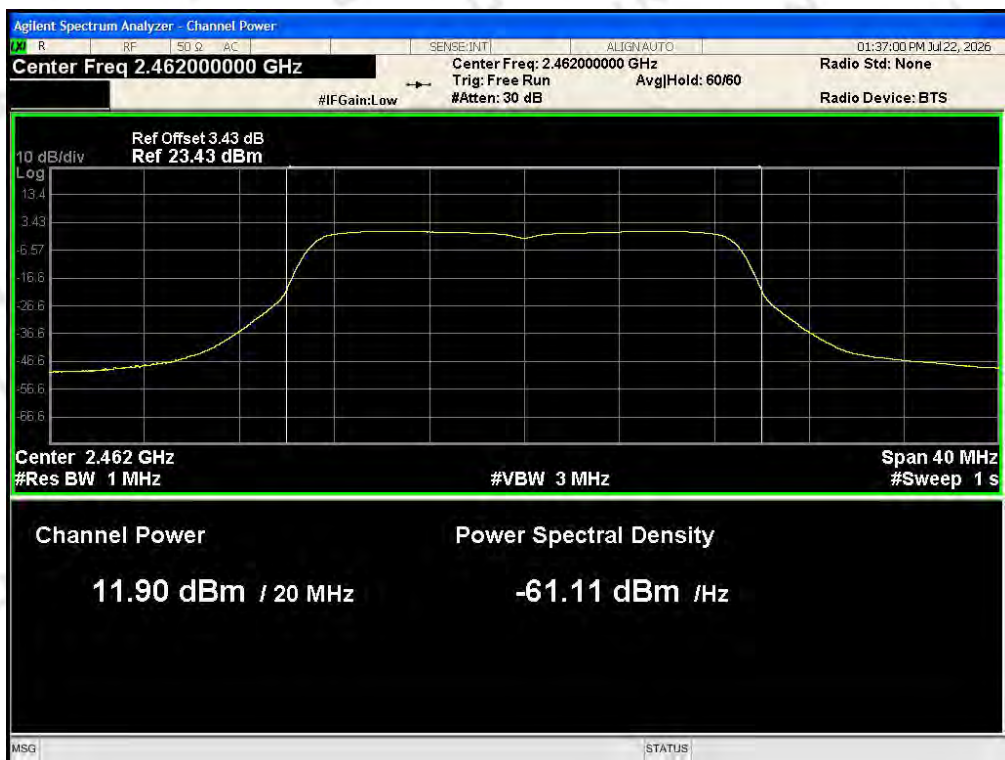
Power NVNT 802.11n(HT20) 2412MHz Ant1



Power NVNT 802.11n(HT20) 2437MHz Ant1



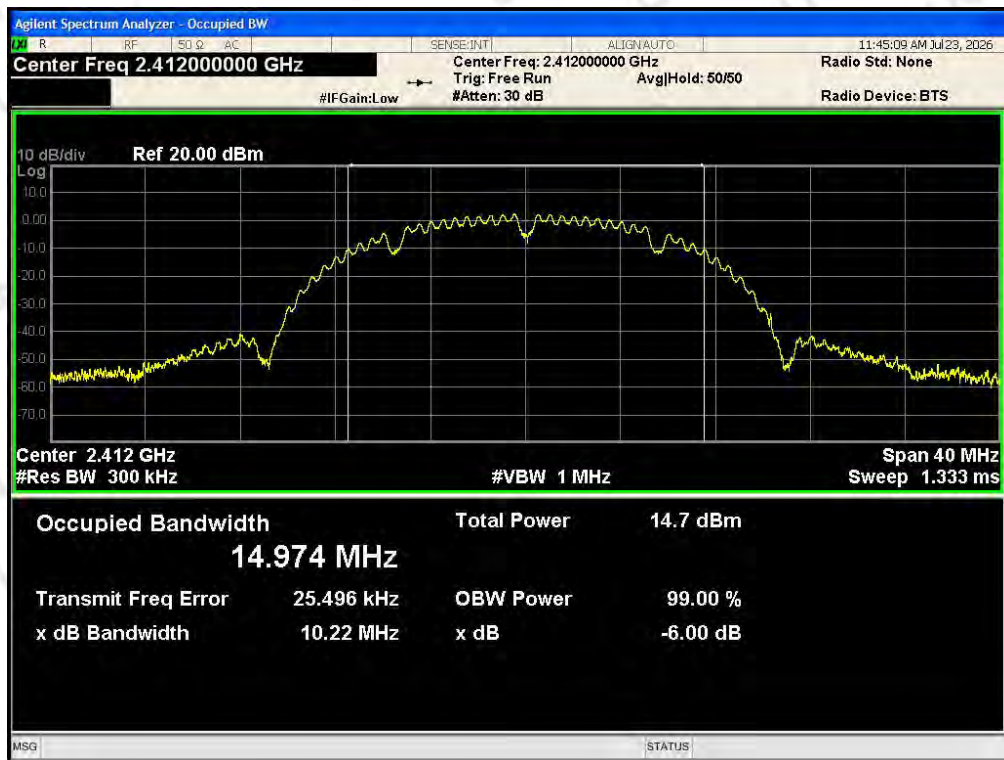
Power NVNT 802.11n(HT20) 2462MHz Ant1



-6 dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	802.11b	2412	Ant 1	10.22	0.5	Pass
NVNT	802.11b	2437	Ant 1	10.22	0.5	Pass
NVNT	802.11b	2462	Ant 1	10.23	0.5	Pass
NVNT	802.11g	2412	Ant 1	16.39	0.5	Pass
NVNT	802.11g	2437	Ant 1	16.43	0.5	Pass
NVNT	802.11g	2462	Ant 1	16.40	0.5	Pass
NVNT	802.11n(HT20)	2412	Ant 1	17.45	0.5	Pass
NVNT	802.11n(HT20)	2437	Ant 1	17.38	0.5	Pass
NVNT	802.11n(HT20)	2462	Ant 1	17.43	0.5	Pass

-6 dB Bandwidth NVNT 802.11b 2412MHz Ant1



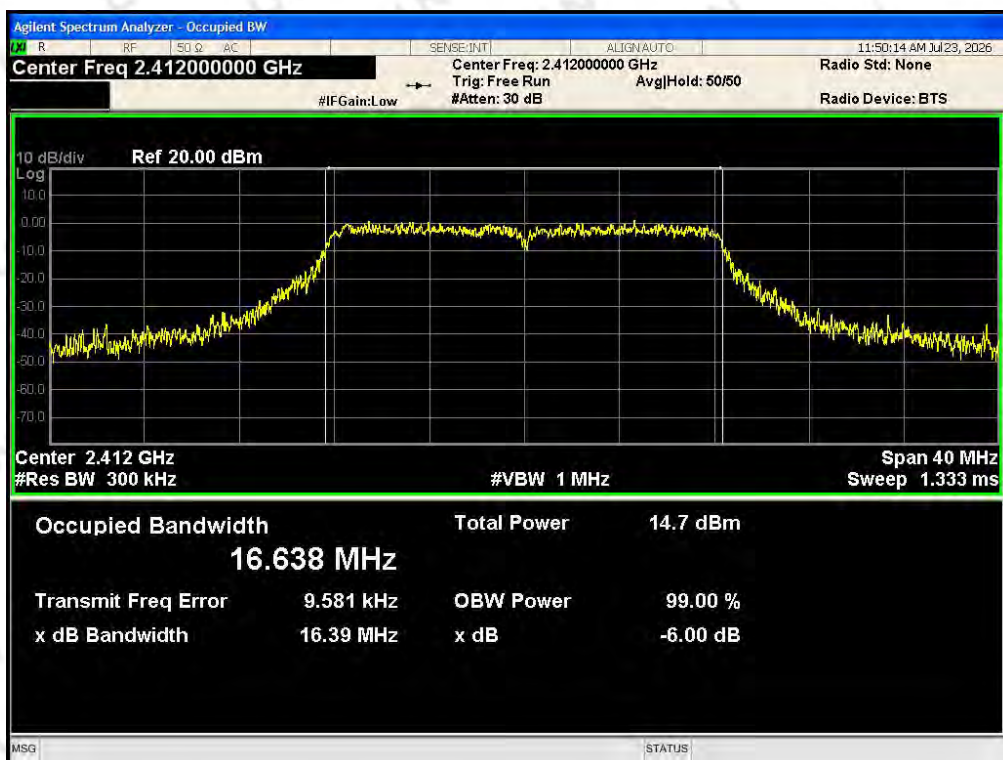
-6 dB Bandwidth NVNT 802.11b 2437MHz Ant1



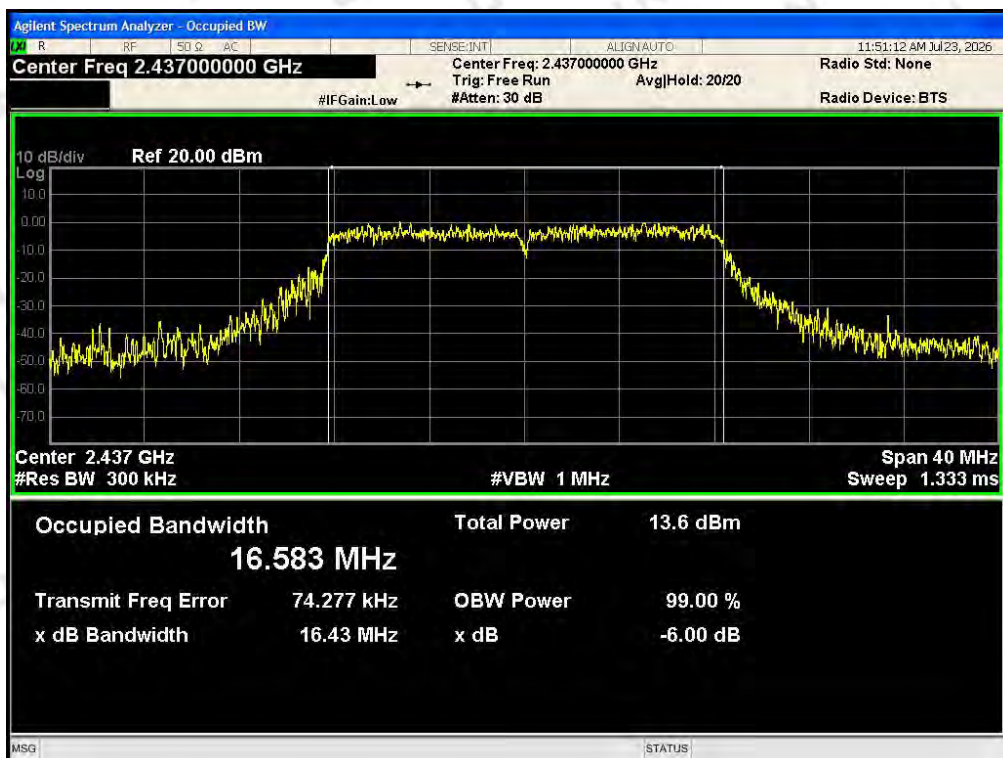
-6 dB Bandwidth NVNT 802.11b 2462MHz Ant1



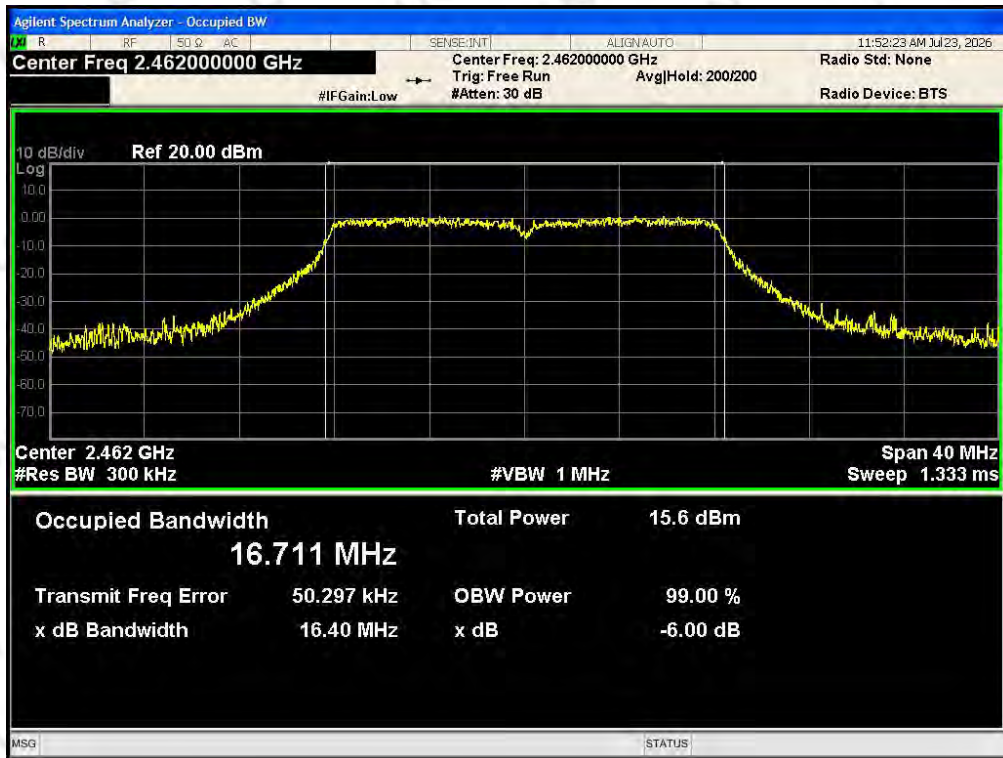
-6 dB Bandwidth NVNT 802.11g 2412MHz Ant1



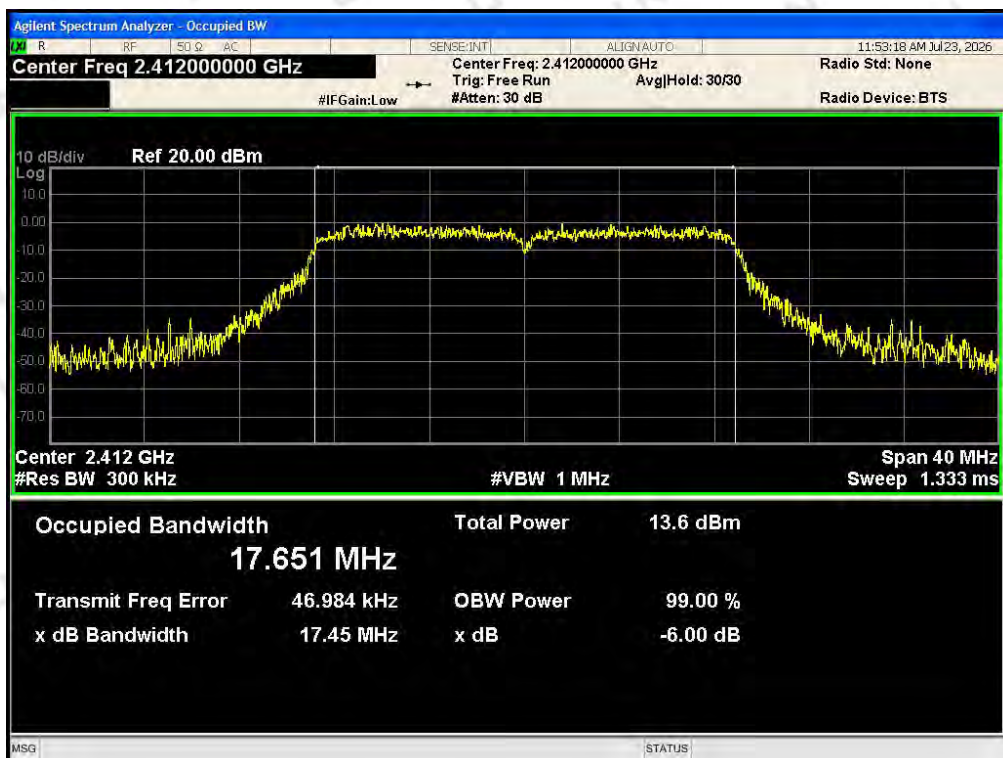
-6 dB Bandwidth NVNT 802.11g 2437MHz Ant1



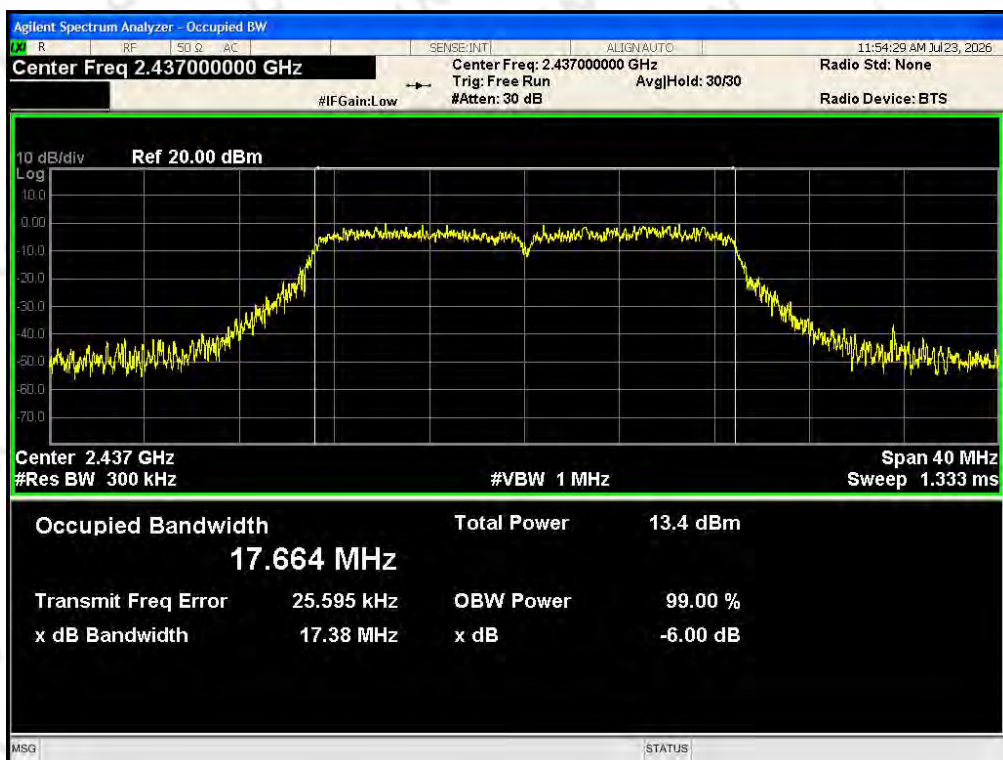
-6 dB Bandwidth NVNT 802.11g 2462MHz Ant1



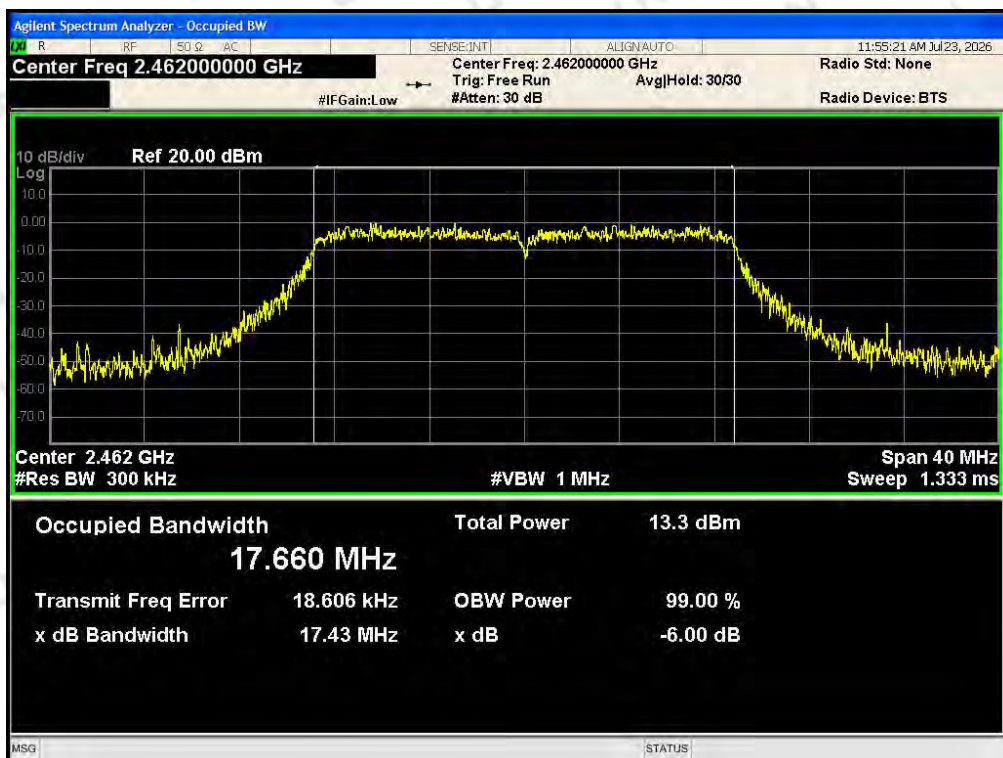
-6 dB Bandwidth NVNT 802.11n(HT20) 2412MHz Ant1



-6 dB Bandwidth NVNT 802.11n(HT20) 2437MHz Ant1



-6 dB Bandwidth NVNT 802.11n(HT20) 2462MHz Ant1



Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/3kHz)	Duty Factor (dB)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	802.11b	2412	Ant 1	-11.093	0.5	-10.593	8	Pass
NVNT	802.11b	2437	Ant 1	-14.87	0.5	-14.37	8	Pass
NVNT	802.11b	2462	Ant 1	-14.887	0.5	-14.387	8	Pass
NVNT	802.11g	2412	Ant 1	-17.675	2.34	-15.335	8	Pass
NVNT	802.11g	2437	Ant 1	-17.764	2.34	-15.424	8	Pass
NVNT	802.11g	2462	Ant 1	-17.608	2.41	-15.198	8	Pass
NVNT	802.11n(HT20)	2412	Ant 1	-19.075	2.55	-16.525	8	Pass
NVNT	802.11n(HT20)	2437	Ant 1	-18.286	2.65	-15.636	8	Pass
NVNT	802.11n(HT20)	2462	Ant 1	-18.352	2.48	-15.872	8	Pass

PSD NVNT 802.11b 2412MHz Ant1



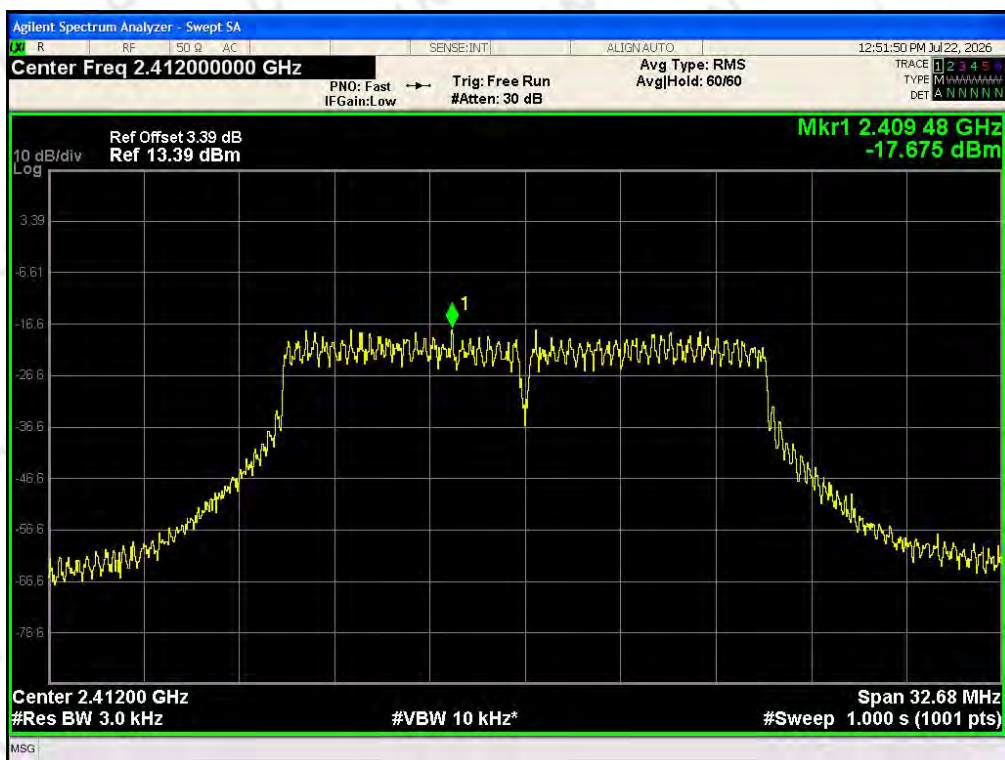
PSD NVNT 802.11b 2437MHz Ant1



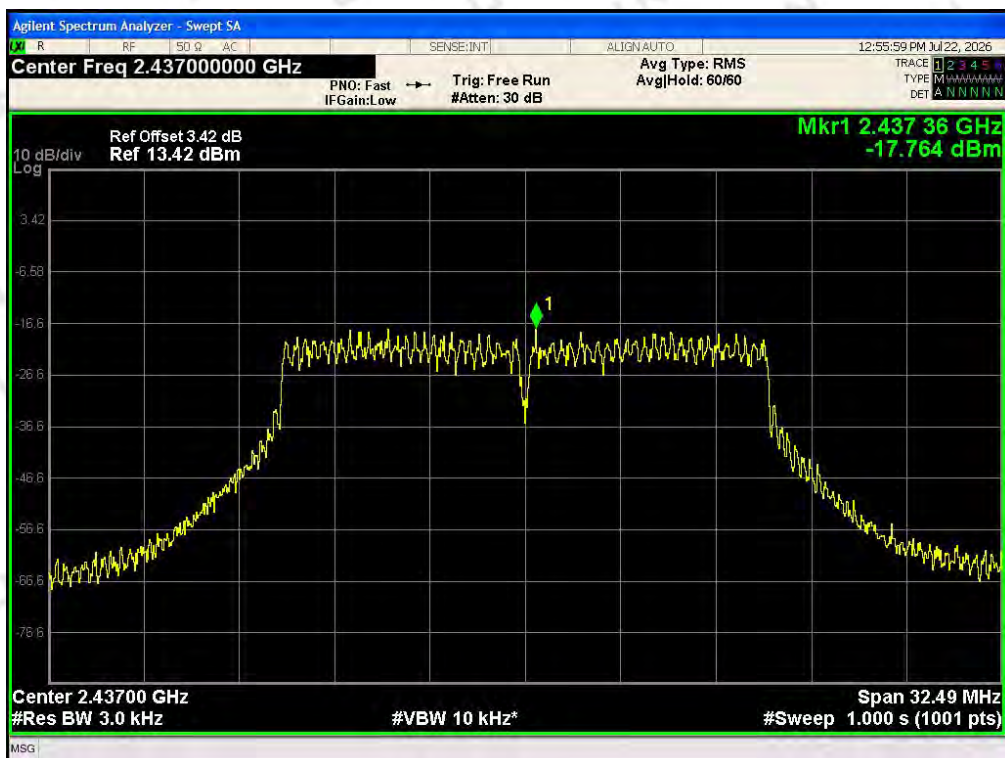
PSD NVNT 802.11b 2462MHz Ant1



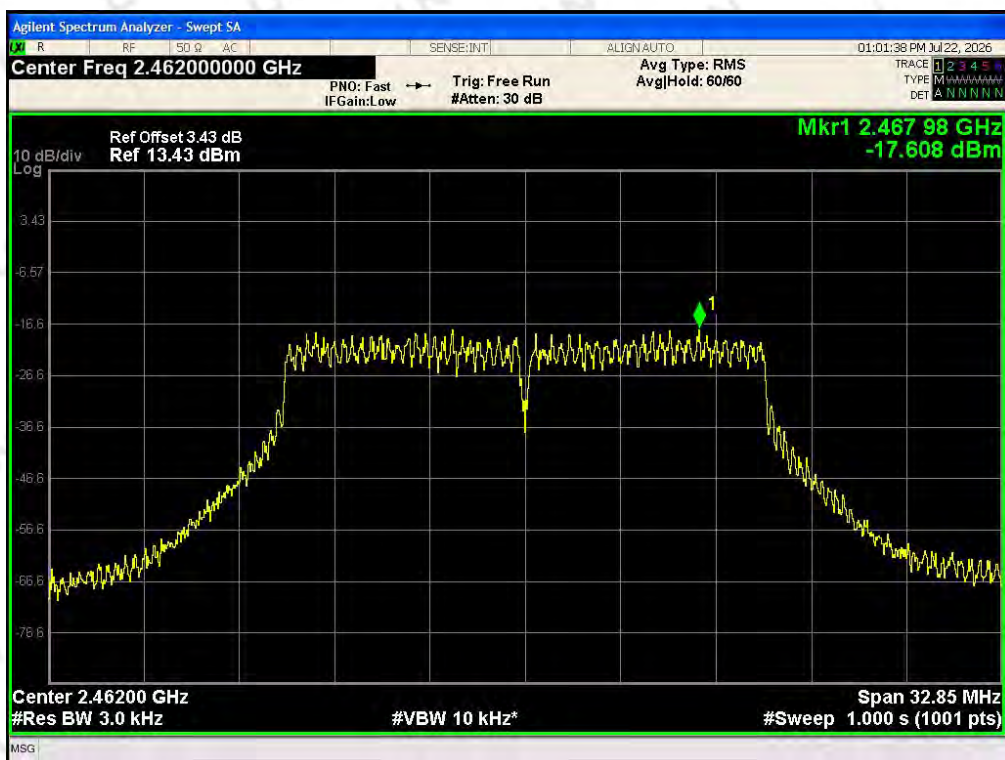
PSD NVNT 802.11g 2412MHz Ant1



PSD NVNT 802.11g 2437MHz Ant1



PSD NVNT 802.11g 2462MHz Ant1



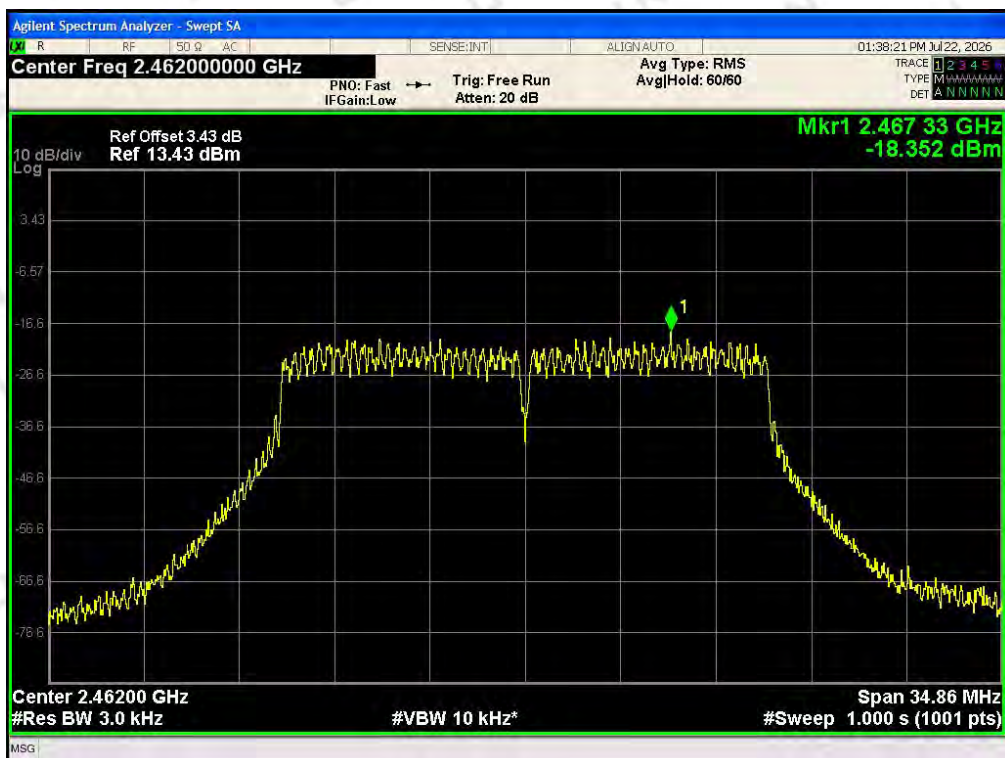
PSD NVNT 802.11n(HT20) 2412MHz Ant1



PSD NVNT 802.11n(HT20) 2437MHz Ant1



PSD NVNT 802.11n(HT20) 2462MHz Ant1



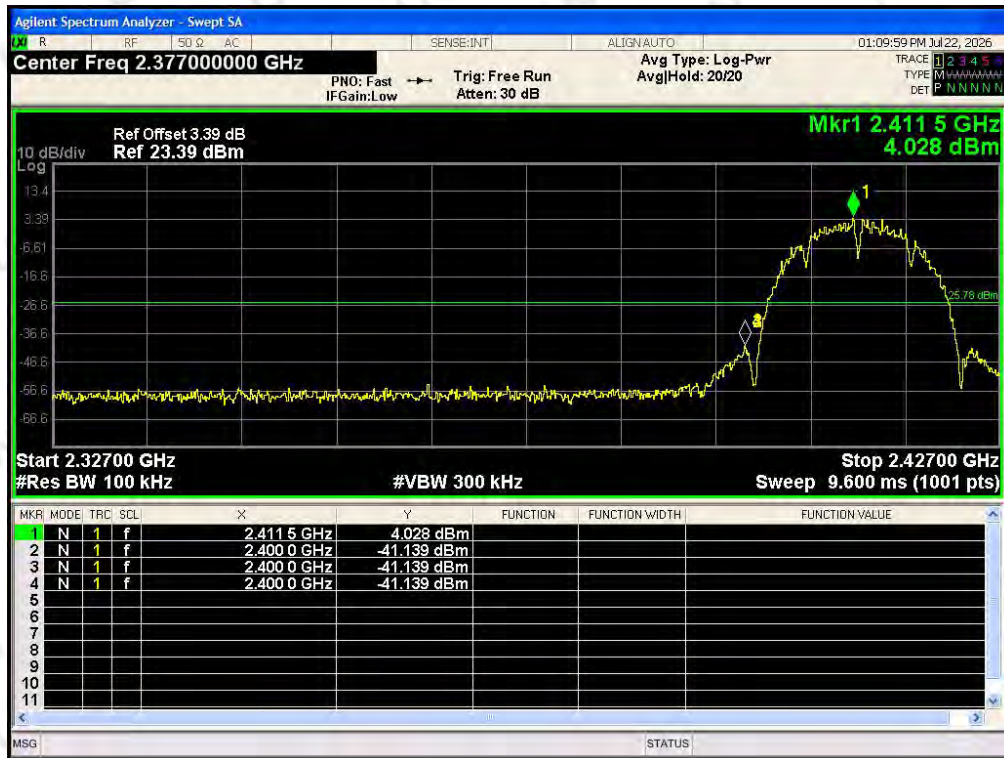
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	802.11b	2412	Ant 1	-45.35	-30	Pass
NVNT	802.11b	2462	Ant 1	-59.077	-30	Pass
NVNT	802.11g	2412	Ant 1	-37.43	-30	Pass
NVNT	802.11g	2462	Ant 1	-47.836	-30	Pass
NVNT	802.11n(HT20)	2412	Ant 1	-36.292	-30	Pass
NVNT	802.11n(HT20)	2462	Ant 1	-49.827	-30	Pass

Band Edge NVNT 802.11b 2412MHz Ant1 Ref



Band Edge NVNT 802.11b 2412MHz Ant1 Emission



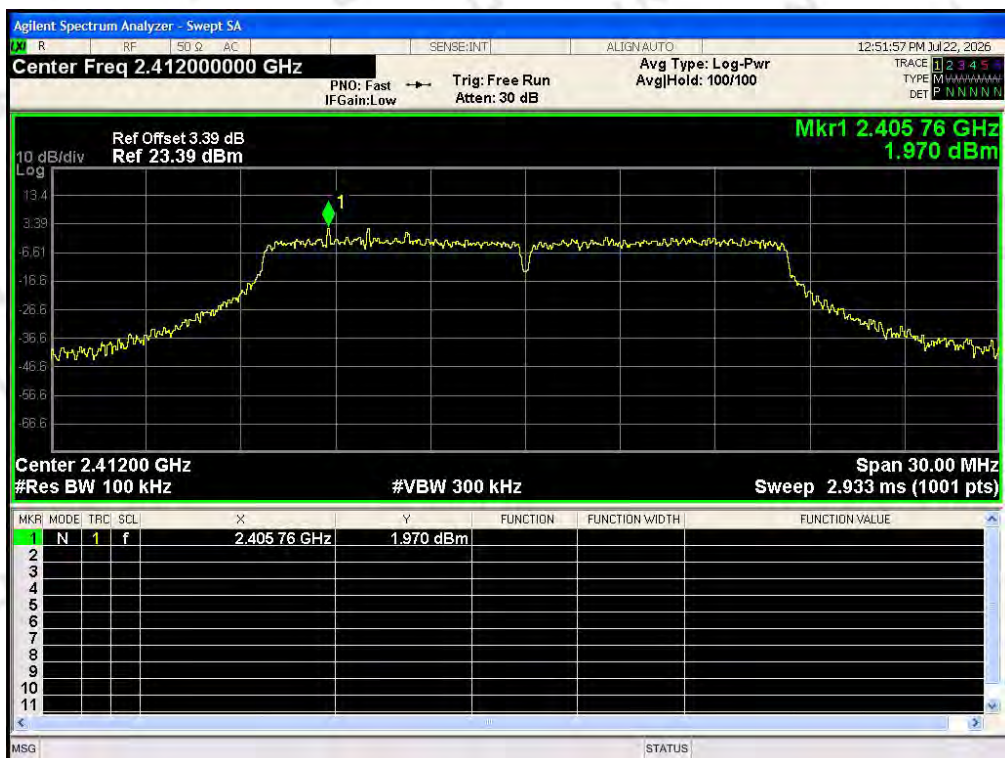
Band Edge NVNT 802.11b 2462MHz Ant1 Ref



Band Edge NVNT 802.11b 2462MHz Ant1 Emission



Band Edge NVNT 802.11g 2412MHz Ant1 Ref



Band Edge NVNT 802.11g 2412MHz Ant1 Emission



Band Edge NVNT 802.11g 2462MHz Ant1 Ref



Band Edge NVNT 802.11g 2462MHz Ant1 Emission



Band Edge NVNT 802.11n(HT20) 2412MHz Ant1 Ref



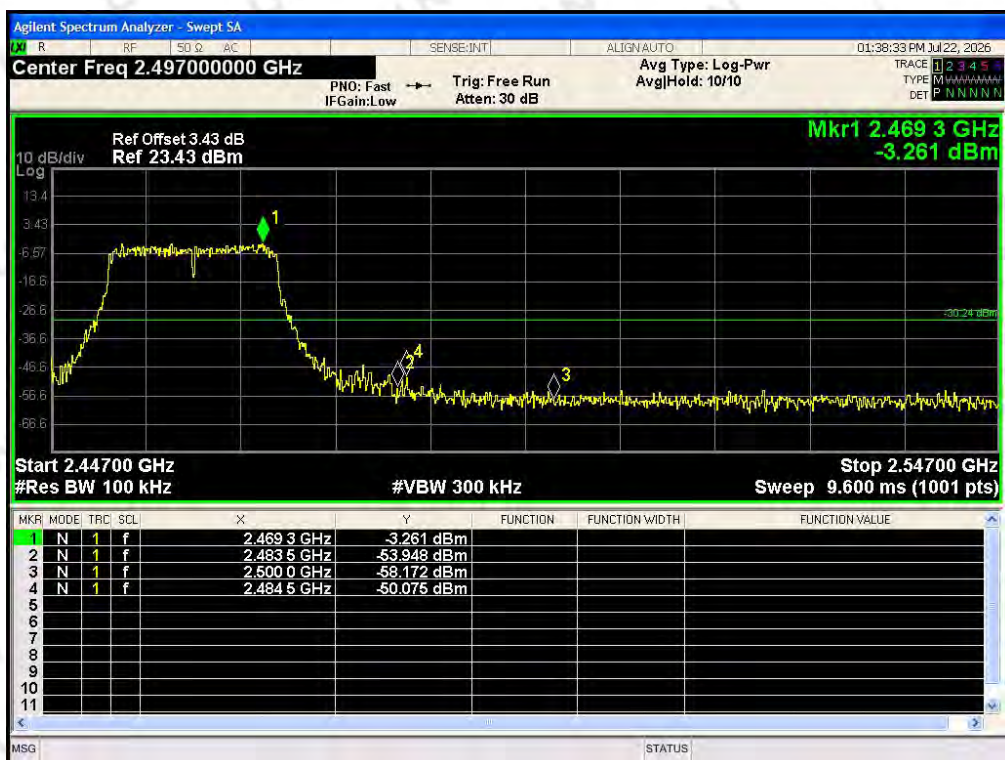
Band Edge NVNT 802.11n(HT20) 2412MHz Ant1 Emission



Band Edge NVNT 802.11n(HT20) 2462MHz Ant1 Ref



Band Edge NVNT 802.11n(HT20) 2462MHz Ant1 Emission



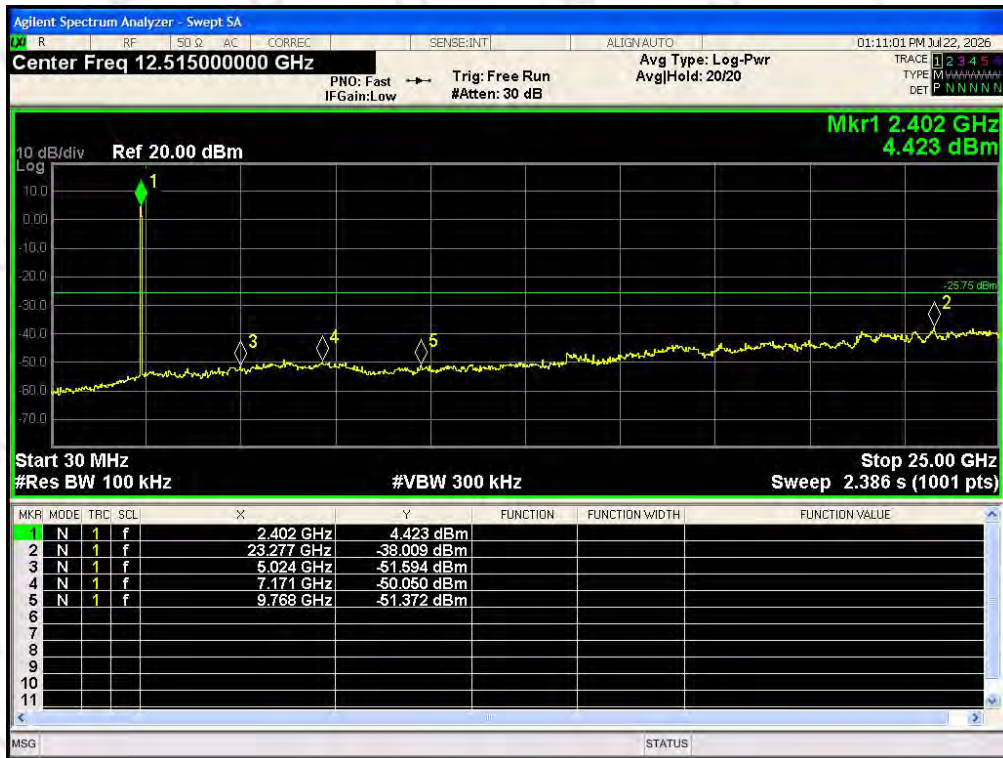
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	802.11b	2412	Ant 1	-42.25	-30	Pass
NVNT	802.11b	2437	Ant 1	-42.281	-30	Pass
NVNT	802.11b	2462	Ant 1	-42.368	-30	Pass
NVNT	802.11g	2412	Ant 1	-40.206	-30	Pass
NVNT	802.11g	2437	Ant 1	-39.356	-30	Pass
NVNT	802.11g	2462	Ant 1	-39.767	-30	Pass
NVNT	802.11n(HT20)	2412	Ant 1	-39.677	-30	Pass
NVNT	802.11n(HT20)	2437	Ant 1	-38.717	-30	Pass
NVNT	802.11n(HT20)	2462	Ant 1	-37.787	-30	Pass

Tx. Spurious NVNT 802.11b 2412MHz Ant1 Ref



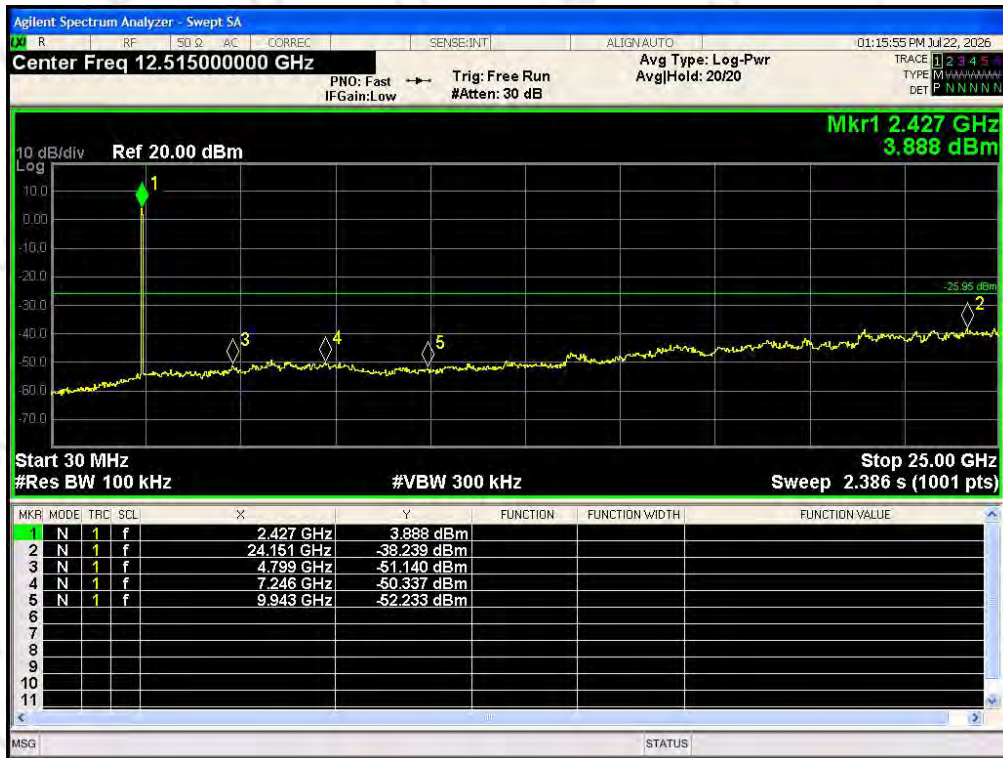
Tx. Spurious NVNT 802.11b 2412MHz Ant1 Emission



Tx. Spurious NVNT 802.11b 2437MHz Ant1 Ref



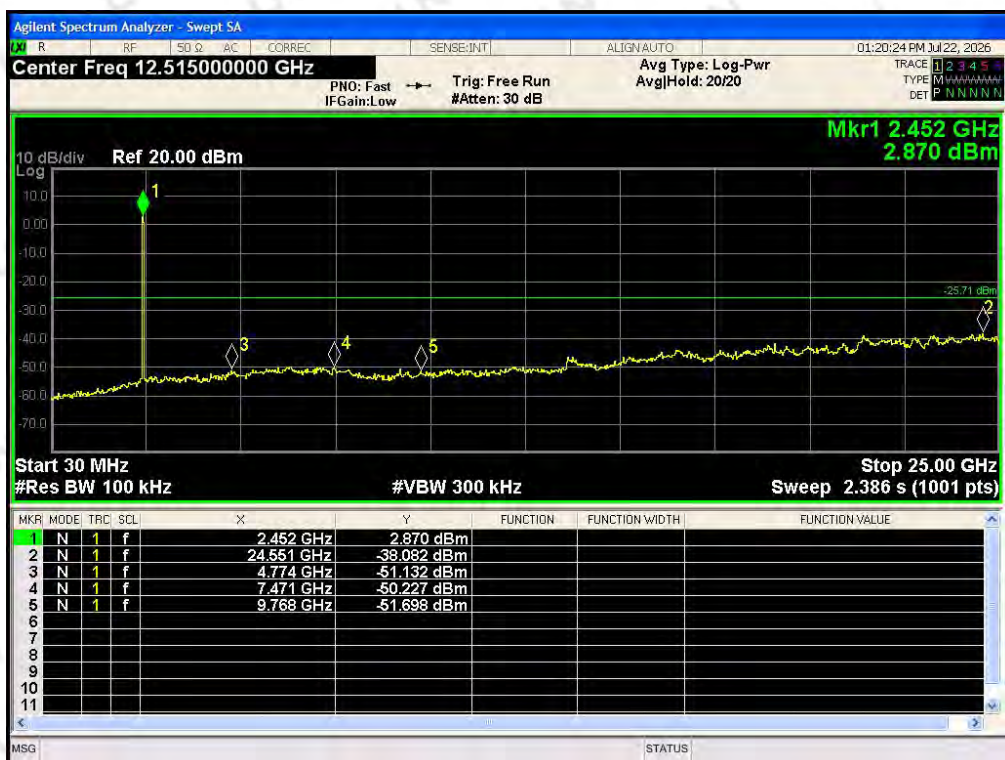
Tx. Spurious NVNT 802.11b 2437MHz Ant1 Emission



Tx. Spurious NVNT 802.11b 2462MHz Ant1 Ref



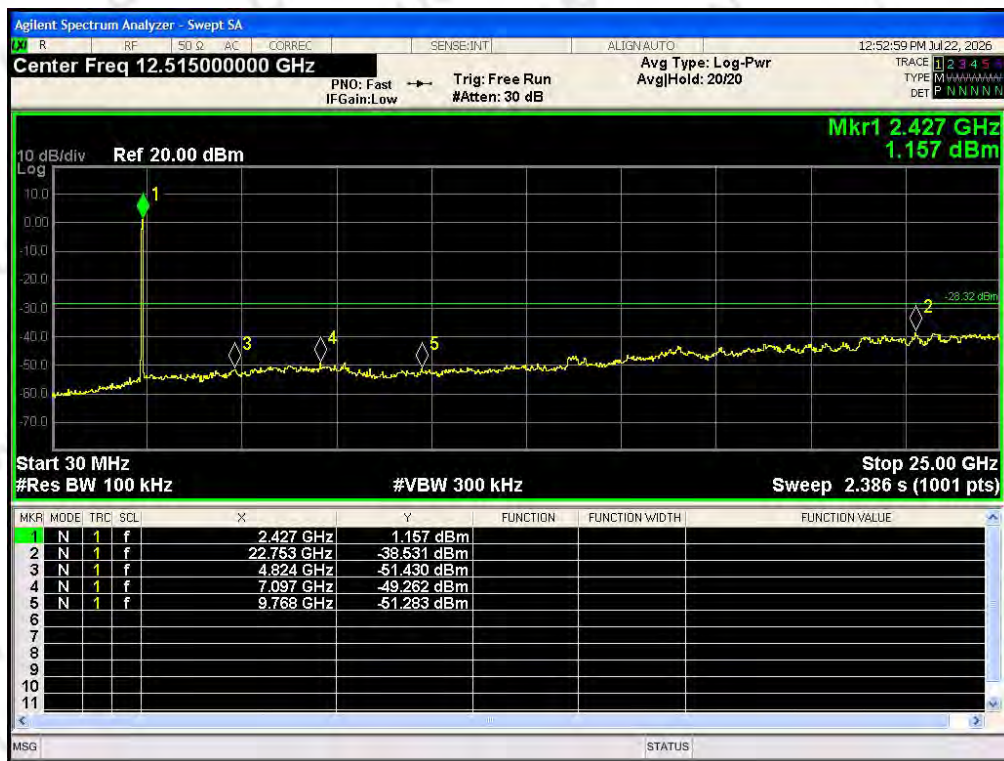
Tx. Spurious NVNT 802.11b 2462MHz Ant1 Emission



Tx. Spurious NVNT 802.11g 2412MHz Ant1 Ref



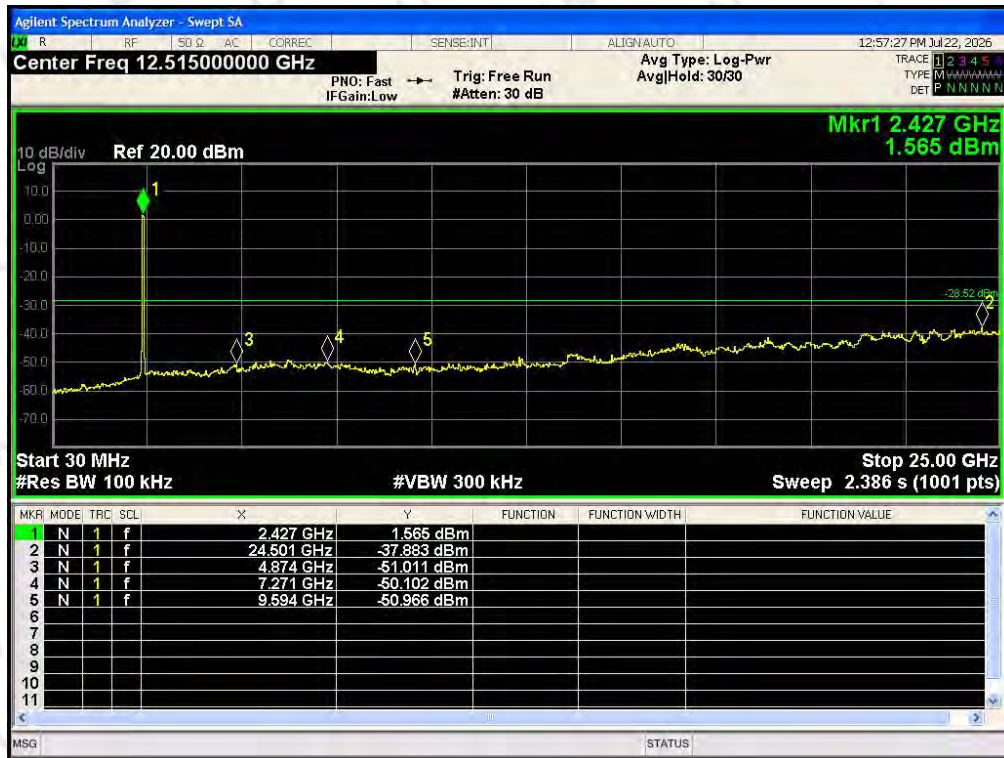
Tx. Spurious NVNT 802.11g 2412MHz Ant1 Emission



Tx. Spurious NVNT 802.11g 2437MHz Ant1 Ref



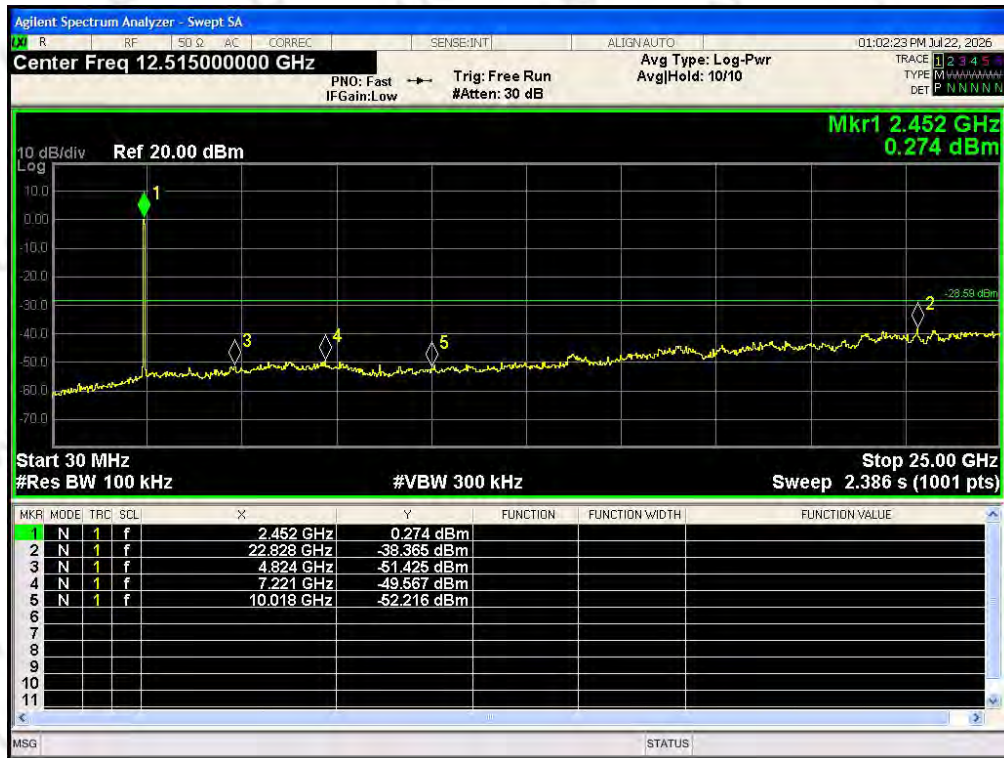
Tx. Spurious NVNT 802.11g 2437MHz Ant1 Emission



Tx. Spurious NVNT 802.11g 2462MHz Ant1 Ref



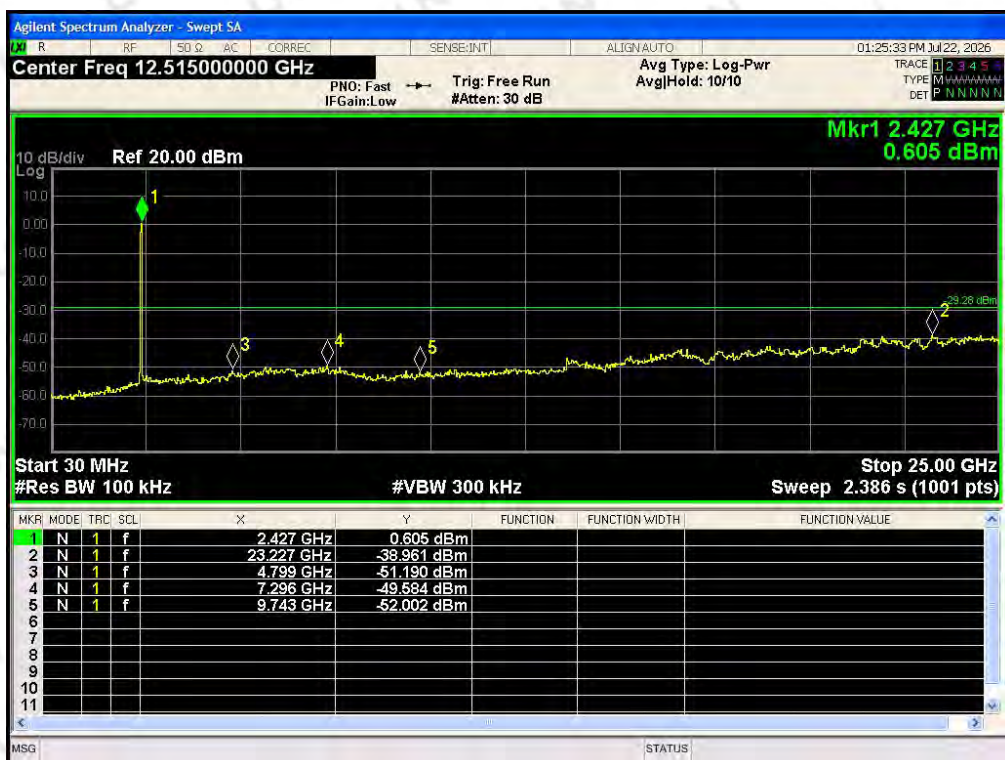
Tx. Spurious NVNT 802.11g 2462MHz Ant1 Emission



Tx. Spurious NVNT 802.11n(HT20) 2412MHz Ant1 Ref



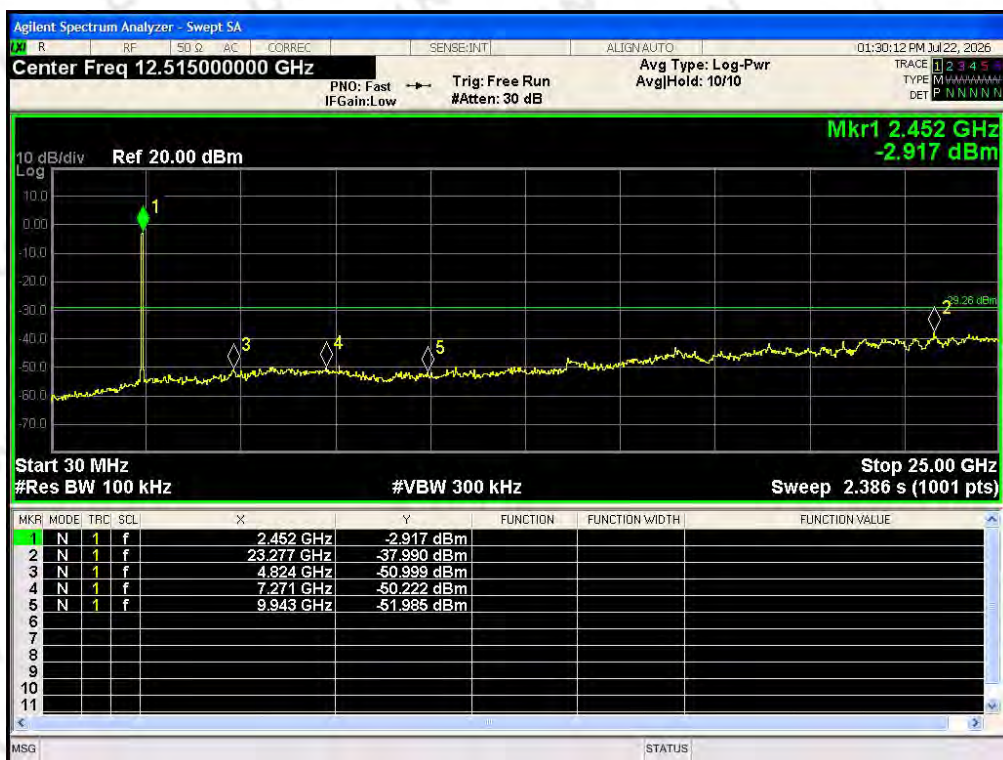
Tx. Spurious NVNT 802.11n(HT20) 2412MHz Ant1 Emission



Tx. Spurious NVNT 802.11n(HT20) 2437MHz Ant1 Ref



Tx. Spurious NVNT 802.11n(HT20) 2437MHz Ant1 Emission



Tx. Spurious NVNT 802.11n(HT20) 2462MHz Ant1 Ref



Tx. Spurious NVNT 802.11n(HT20) 2462MHz Ant1 Emission

