

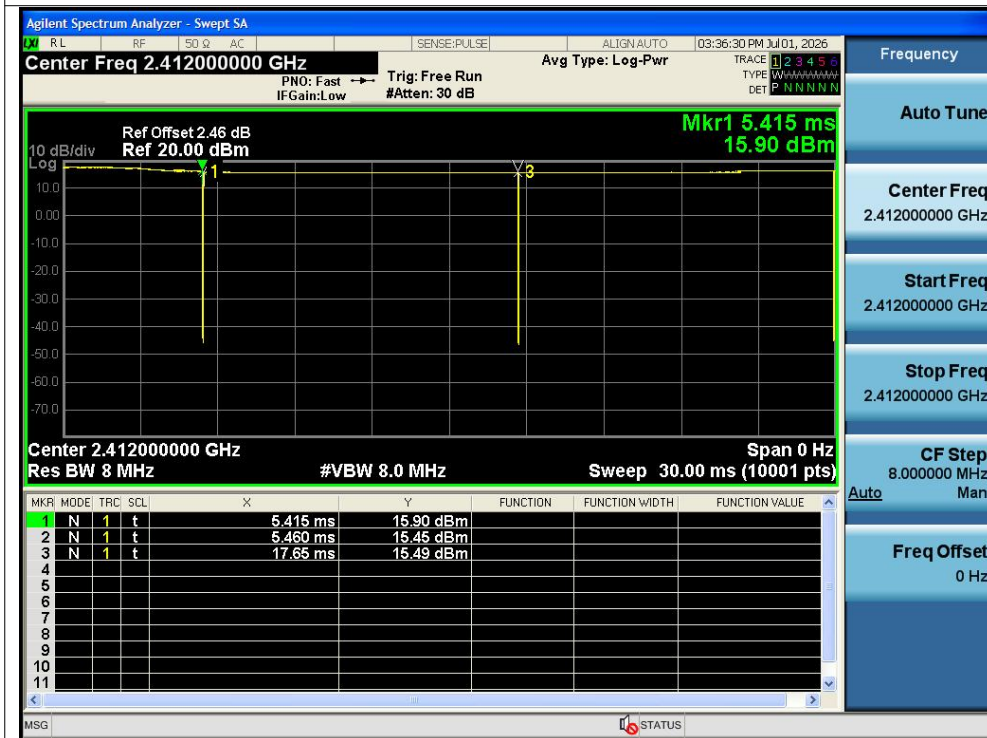
Appendix D 2.4G WIFI

Duty Cycle

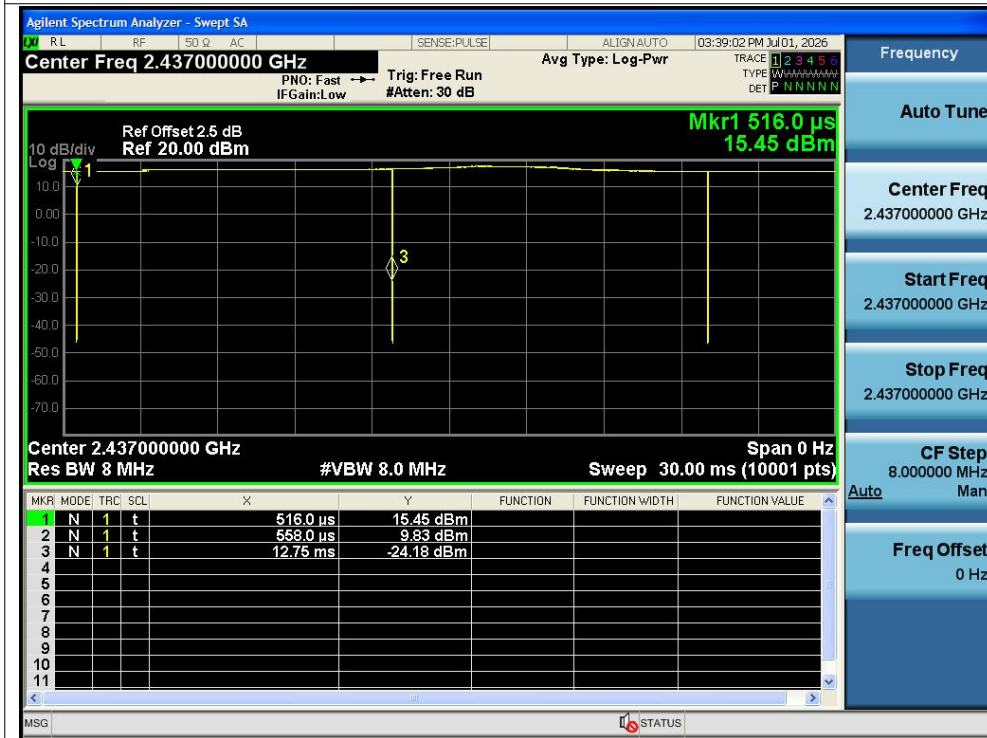
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	99.63	0.02	0.08
NVNT	b	2437	Ant1	99.66	0.01	0.08
NVNT	b	2462	Ant1	99.63	0.02	0.08
NVNT	b	2412	Ant2	97.68	0.1	0.49
NVNT	b	2437	Ant2	99.66	0.01	0.08
NVNT	b	2462	Ant2	99.66	0.01	0.08
NVNT	g	2412	Ant1	97.54	0.11	0.49
NVNT	g	2437	Ant1	97.54	0.11	0.49
NVNT	g	2462	Ant1	97.68	0.1	0.49
NVNT	g	2412	Ant2	97.54	0.11	0.49
NVNT	g	2437	Ant2	97.68	0.1	0.49
NVNT	g	2462	Ant2	97.54	0.11	0.49
NVNT	n20	2412	Sum	97.52	0.11	0.53
NVNT	n20	2437	Sum	96.15	0.17	0.79
NVNT	n20	2462	Sum	97.37	0.12	0.53
NVNT	n40	2422	Sum	95.96	0.18	1.08
NVNT	n40	2437	Sum	96.27	0.17	1.08
NVNT	n40	2452	Sum	95.96	0.18	1.08

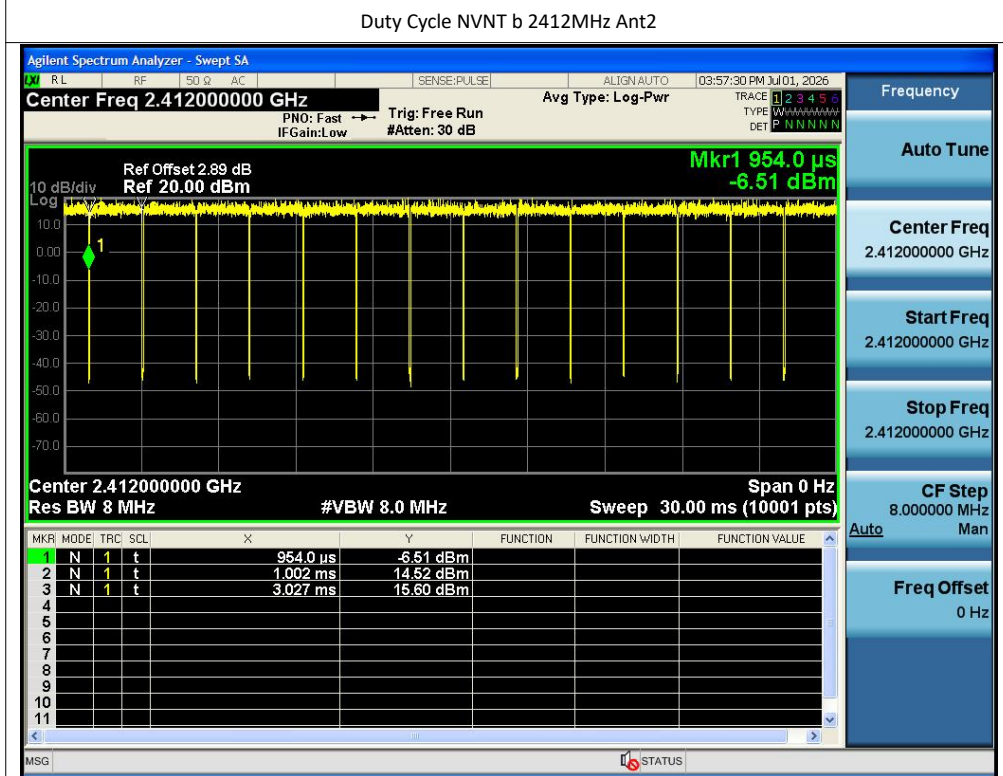
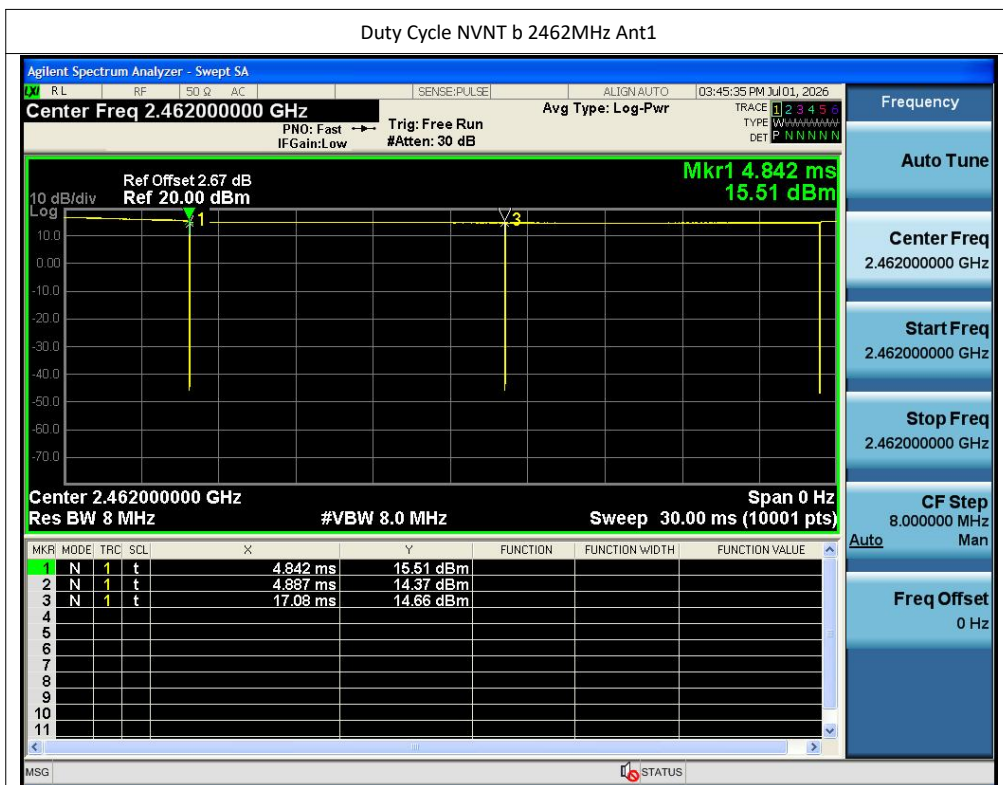
Test Graphs

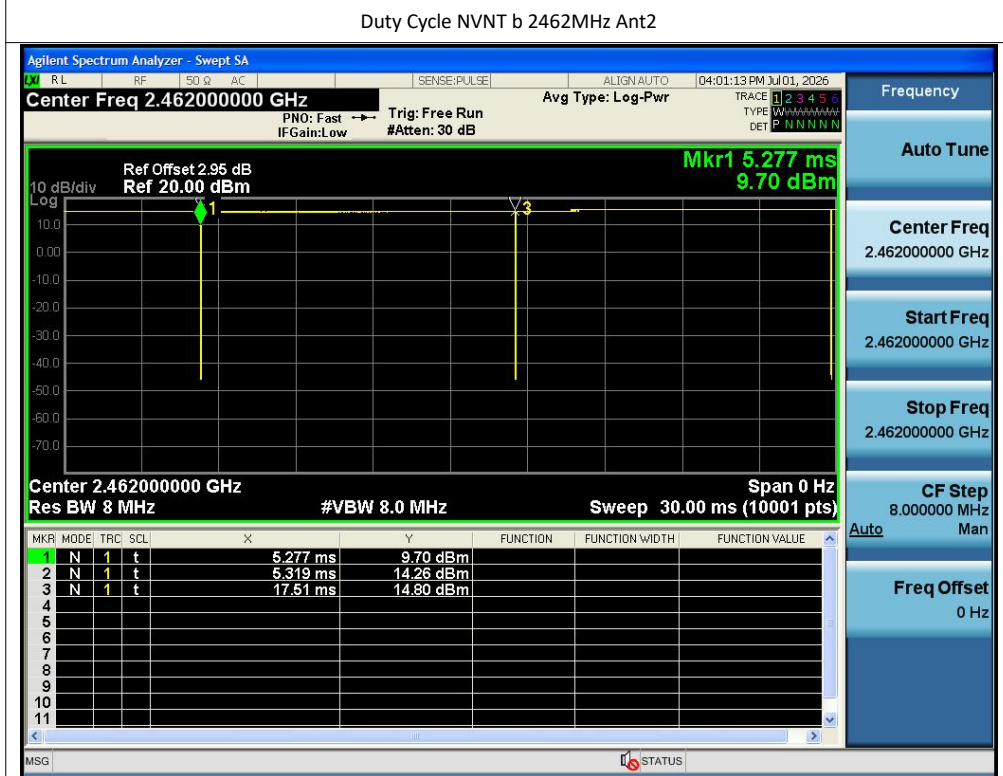
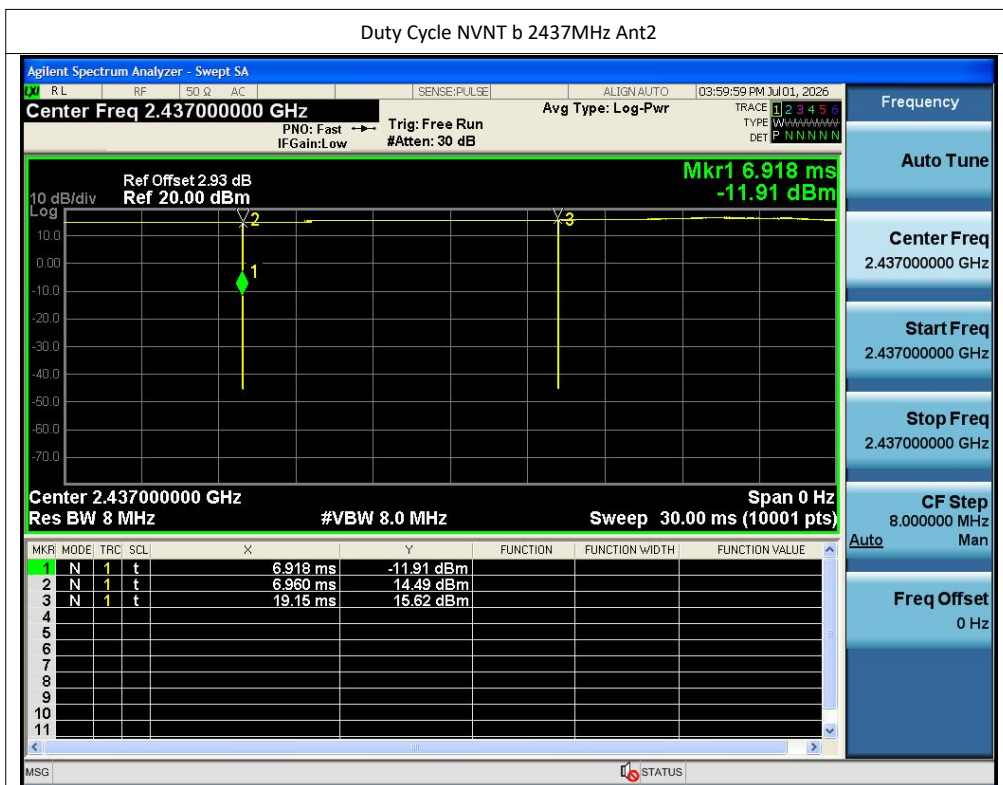
Duty Cycle NVNT b 2412MHz Ant1

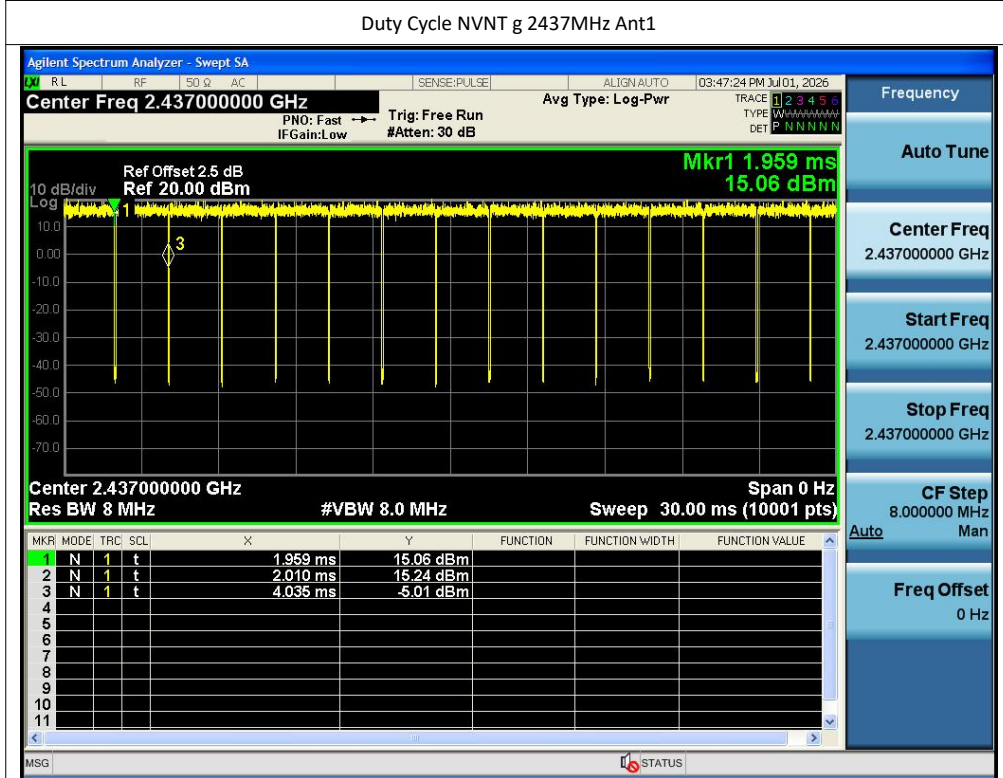
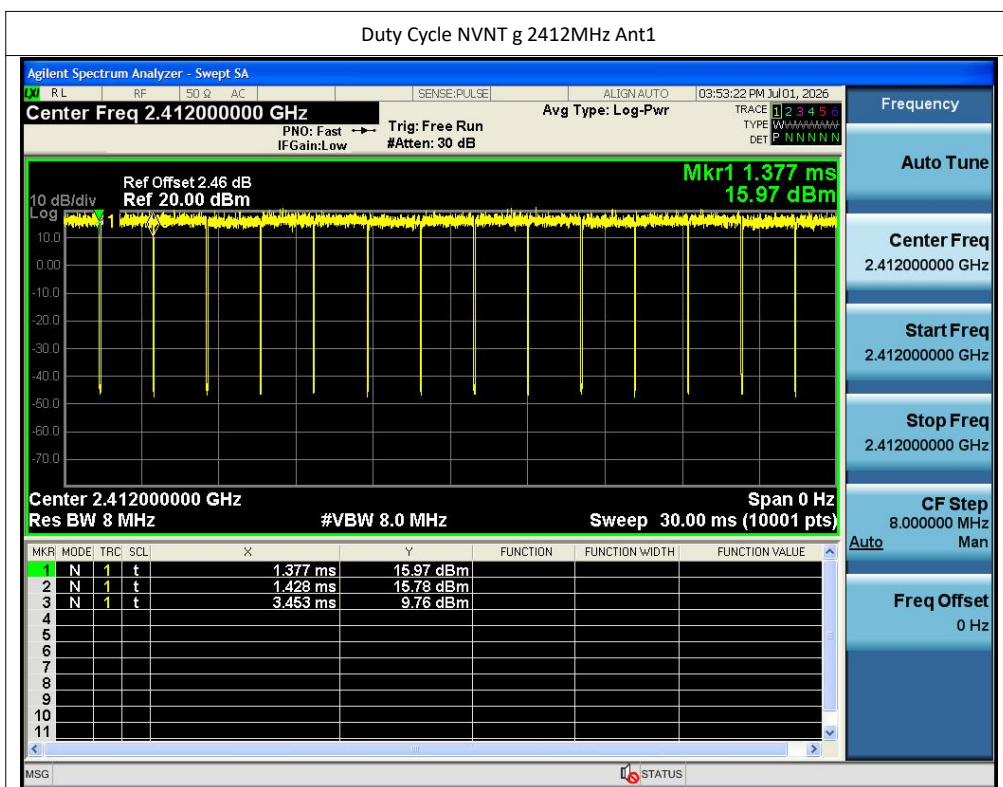


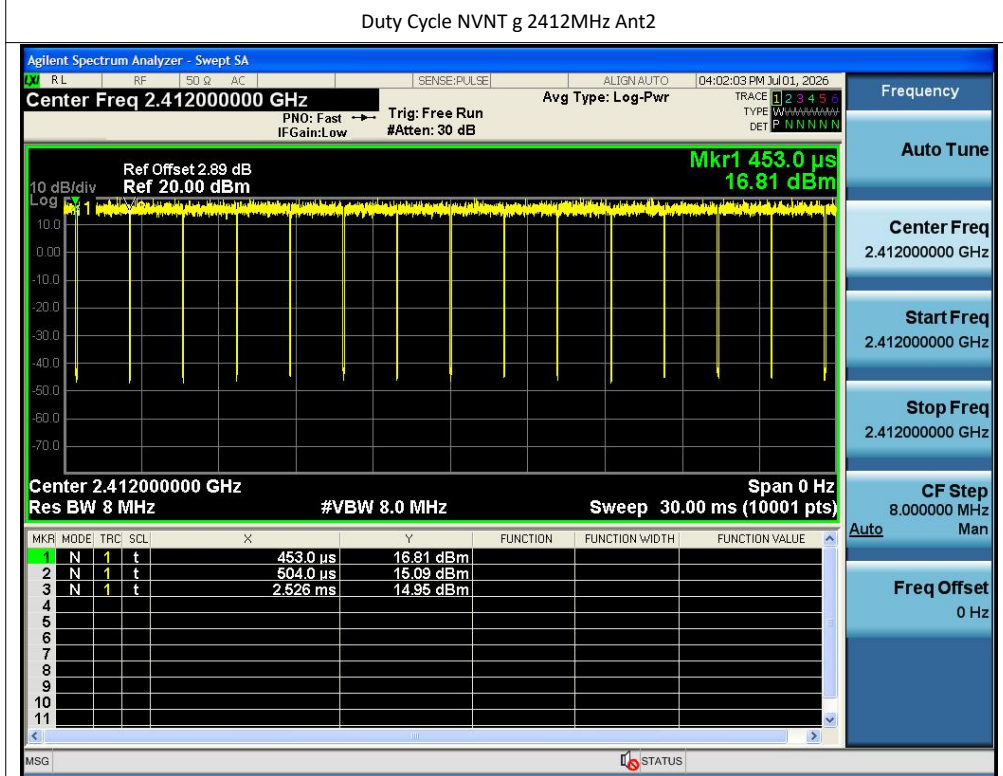
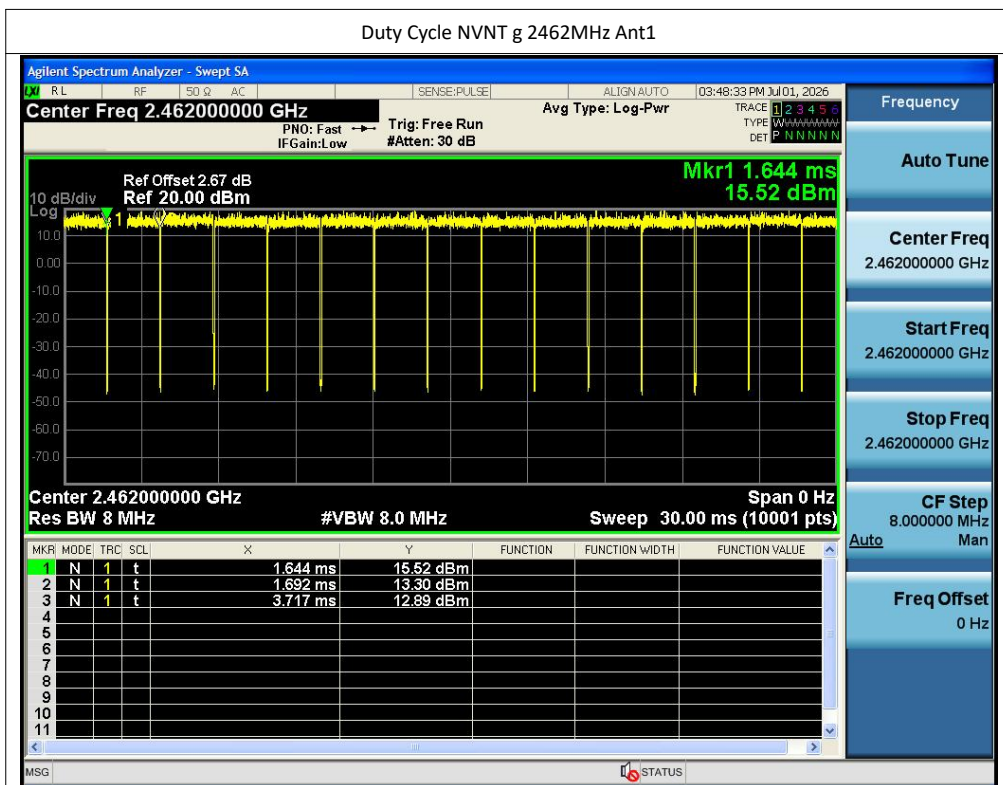
Duty Cycle NVNT b 2437MHz Ant1

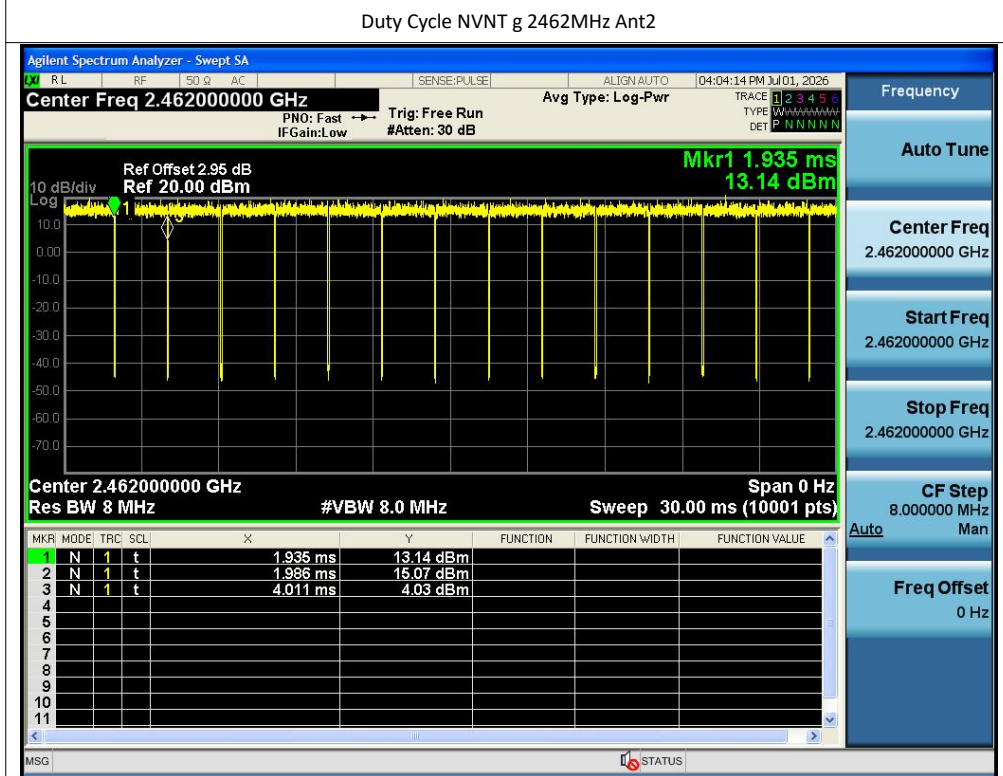
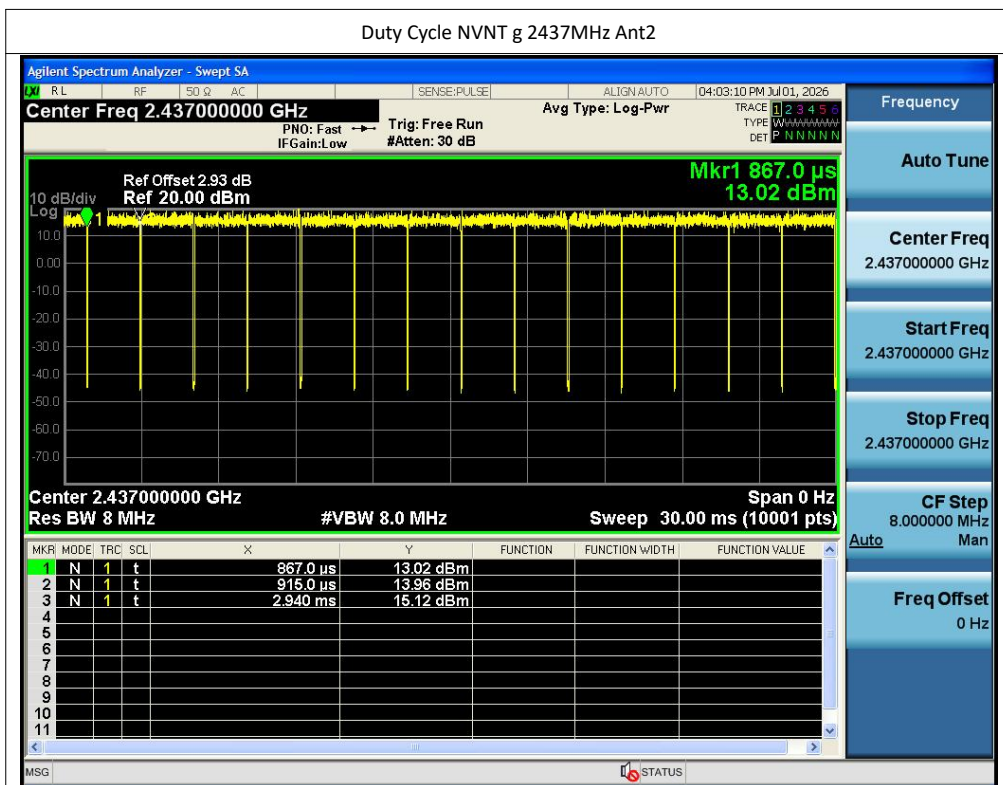


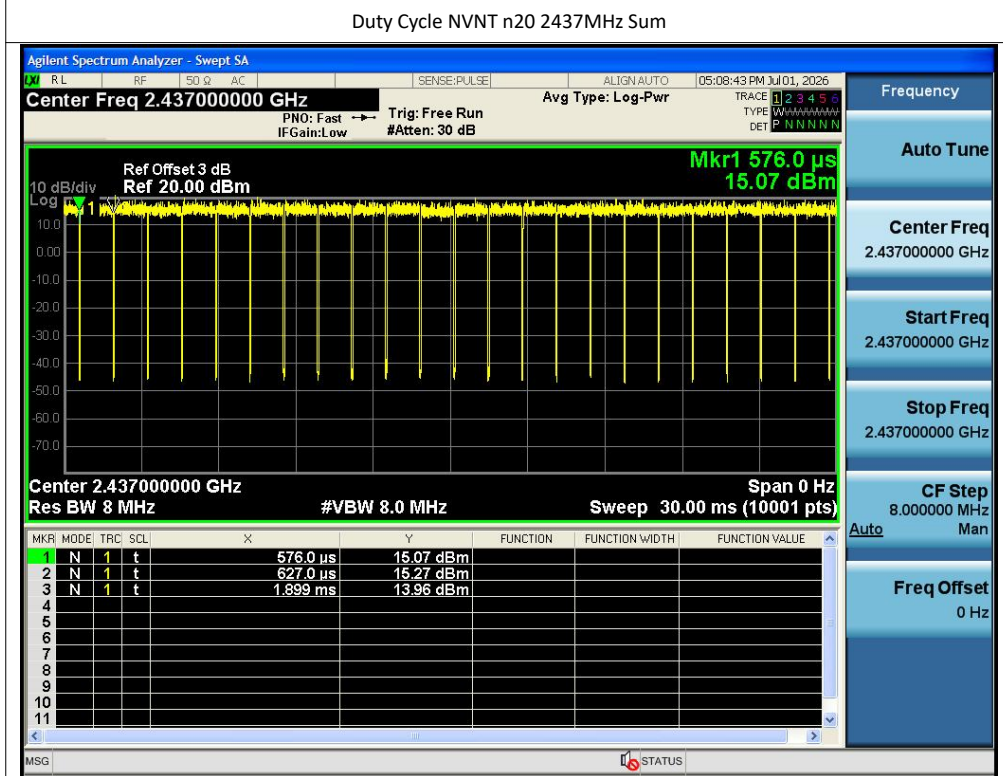
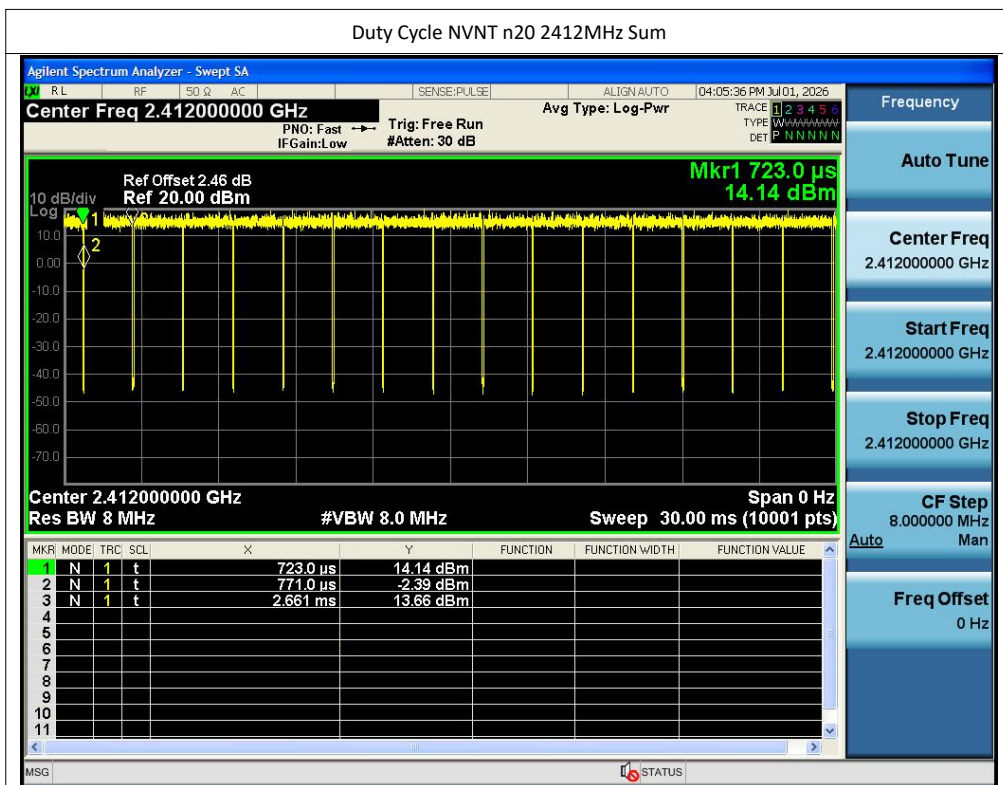


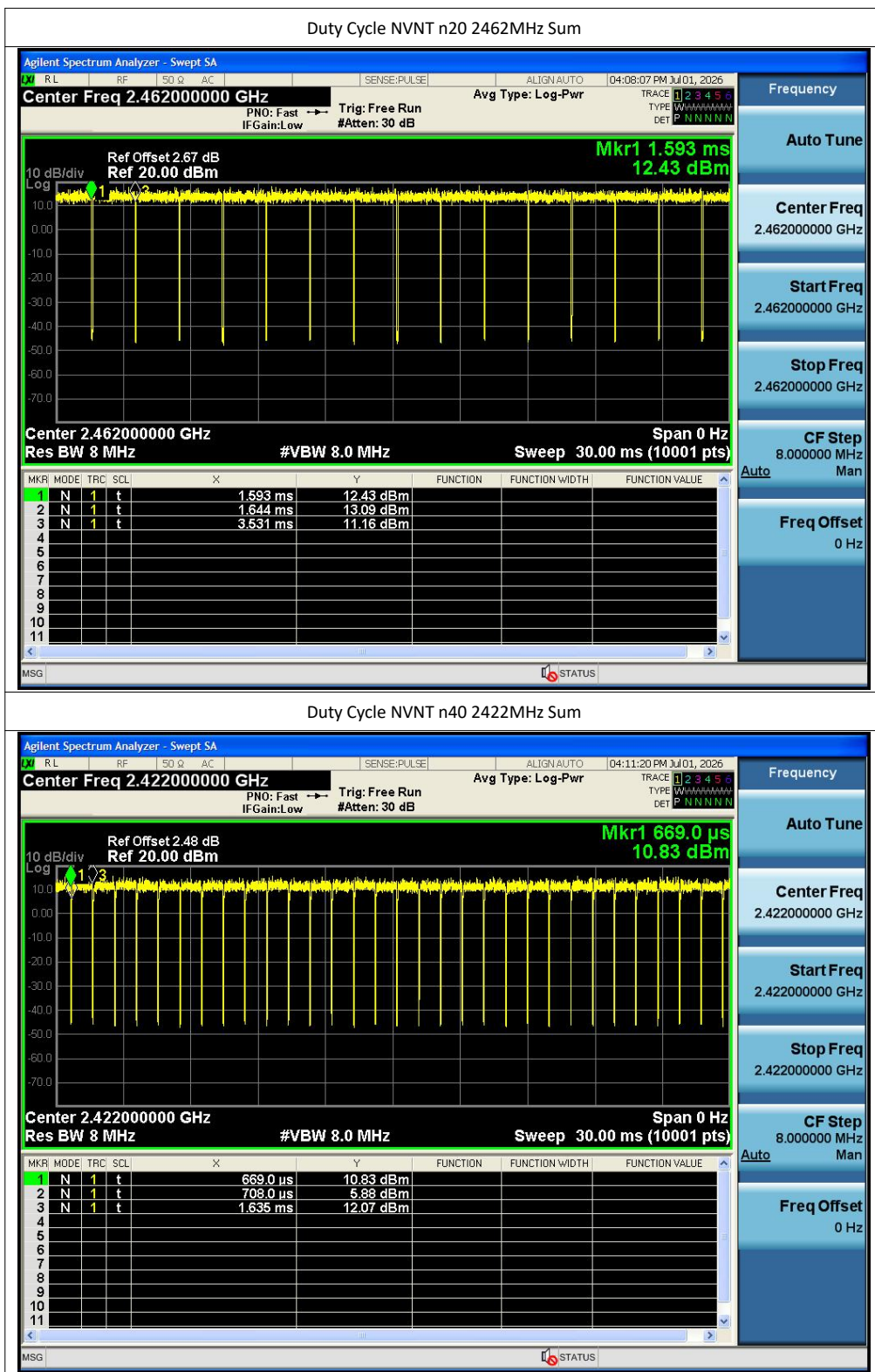


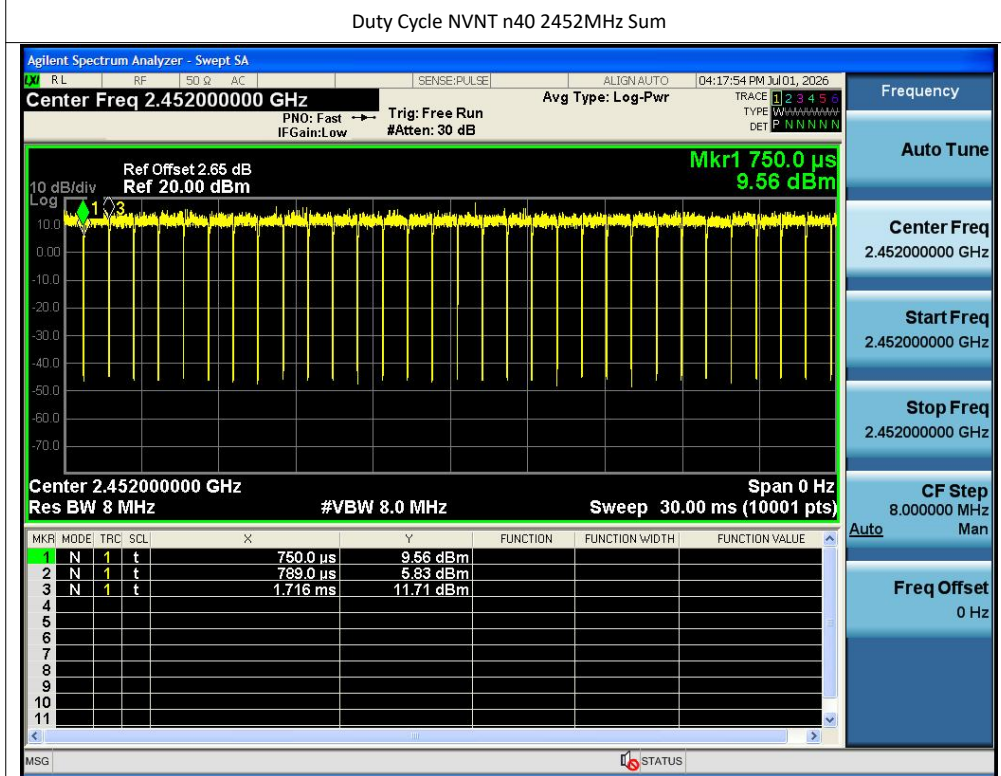
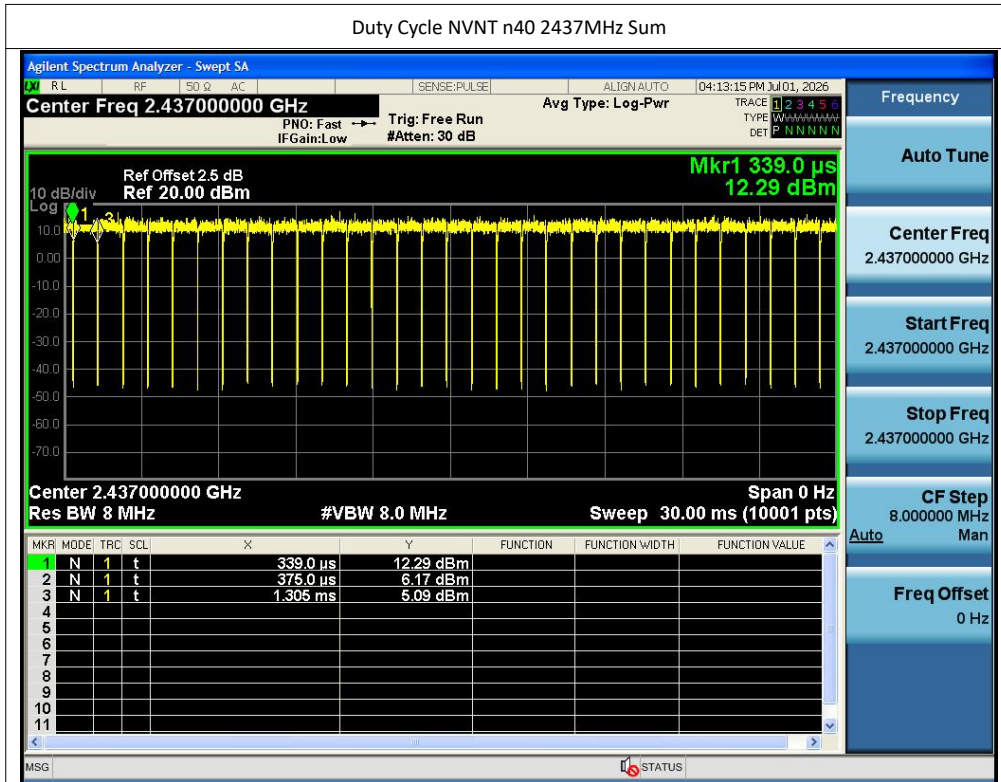










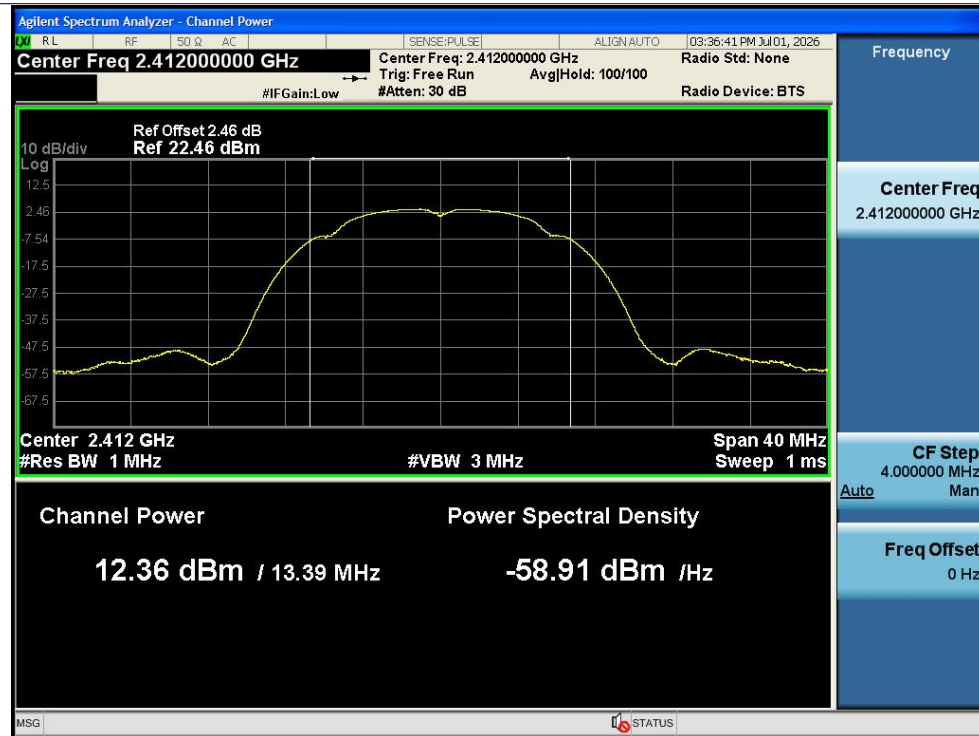


Maximum Conducted Output Power

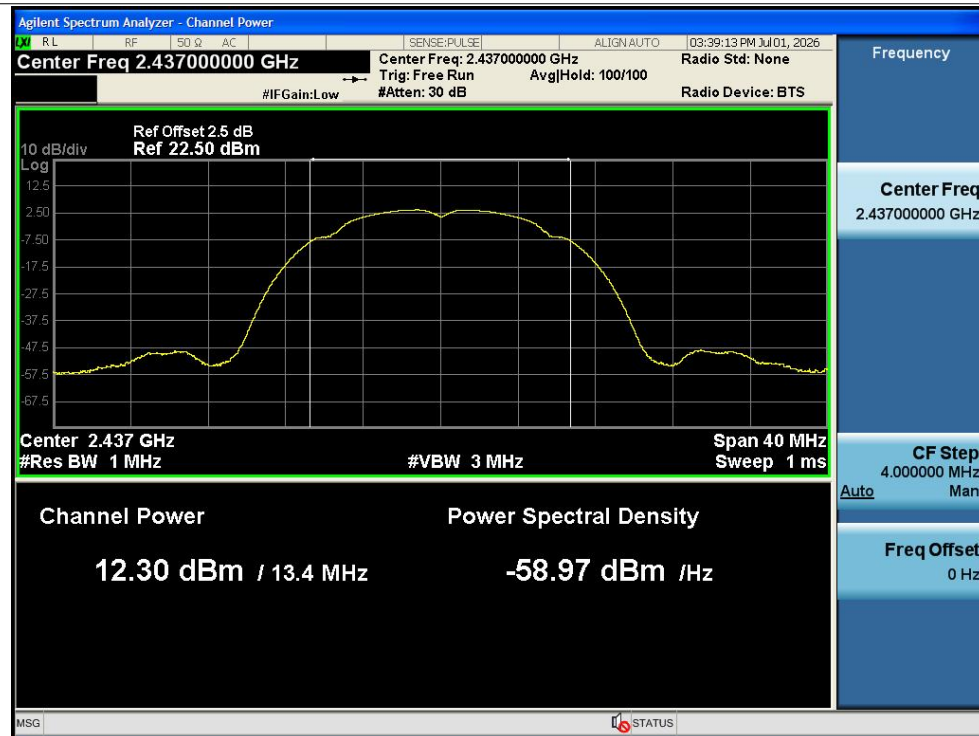
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	12.36	0.02	12.38	30	Pass
NVNT	b	2437	Ant1	12.3	0.01	12.31	30	Pass
NVNT	b	2462	Ant1	11.93	0.02	11.95	30	Pass
NVNT	b	2412	Ant2	12.23	0.1	12.33	30	Pass
NVNT	b	2437	Ant2	11.7	0.01	11.71	30	Pass
NVNT	b	2462	Ant2	11.56	0.01	11.57	30	Pass
NVNT	g	2412	Ant1	12.55	0.11	12.66	30	Pass
NVNT	g	2437	Ant1	12.52	0.11	12.63	30	Pass
NVNT	g	2462	Ant1	12.01	0.1	12.11	30	Pass
NVNT	g	2412	Ant2	12.28	0.11	12.39	30	Pass
NVNT	g	2437	Ant2	12.18	0.1	12.28	30	Pass
NVNT	g	2462	Ant2	11.81	0.11	11.92	30	Pass
NVNT	n20	2412	Ant1	11.59	0.11	11.7	30	Pass
NVNT	n20	2412	Ant2	11.99	0.11	12.1	30	Pass
NVNT	n20	2412	Sum	14.8	0.11	14.91	30	Pass
NVNT	n20	2437	Ant1	11.91	0.17	12.08	30	Pass
NVNT	n20	2437	Ant2	12	0.17	12.17	30	Pass
NVNT	n20	2437	Sum	14.97	0.17	15.14	30	Pass
NVNT	n20	2462	Ant1	11.86	0.12	11.98	30	Pass
NVNT	n20	2462	Ant2	12.49	0.12	12.61	30	Pass
NVNT	n20	2462	Sum	15.2	0.12	15.32	30	Pass
NVNT	n40	2422	Ant1	11.84	0.18	12.02	30	Pass
NVNT	n40	2422	Ant2	12.59	0.18	12.77	30	Pass
NVNT	n40	2422	Sum	15.24	0.18	15.42	30	Pass
NVNT	n40	2437	Ant1	11.73	0.17	11.9	30	Pass
NVNT	n40	2437	Ant2	12.22	0.17	12.39	30	Pass
NVNT	n40	2437	Sum	14.99	0.17	15.16	30	Pass
NVNT	n40	2452	Ant1	12.51	0.18	12.69	30	Pass
NVNT	n40	2452	Ant2	12.78	0.18	12.96	30	Pass
NVNT	n40	2452	Sum	15.66	0.18	15.84	30	Pass

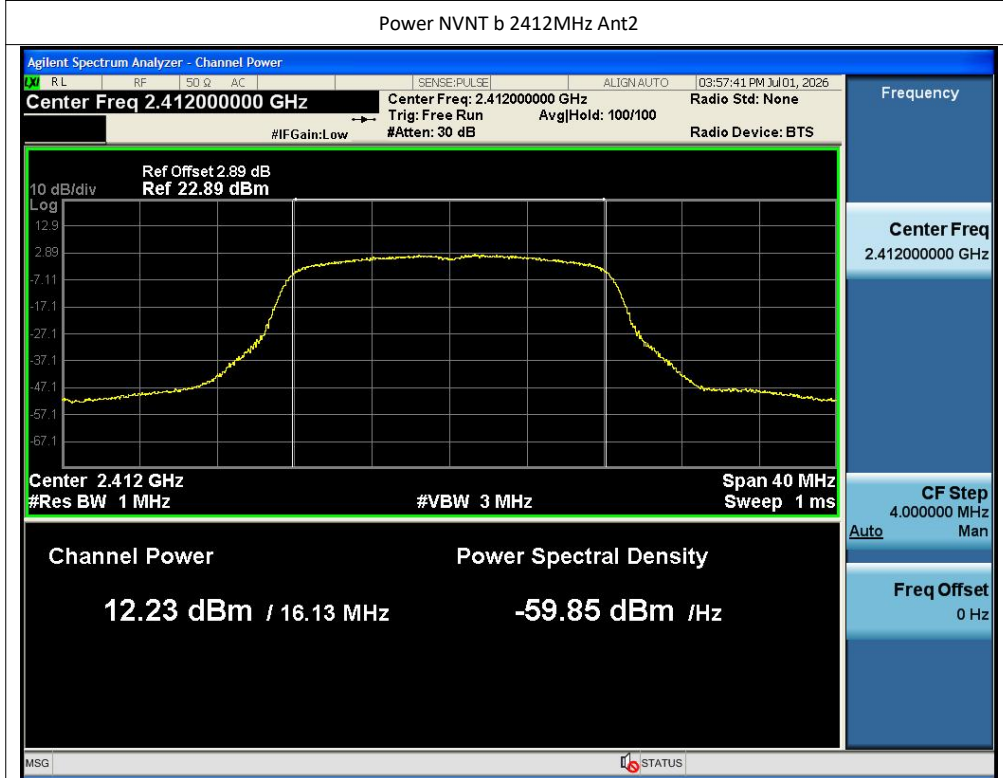
Test Graphs

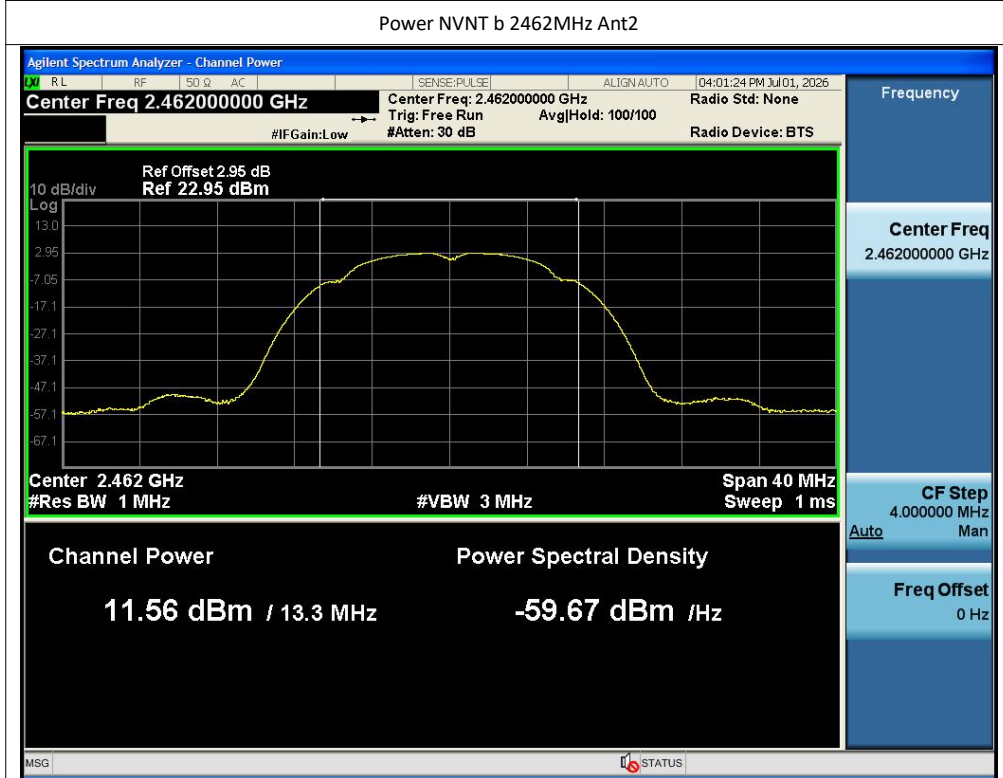
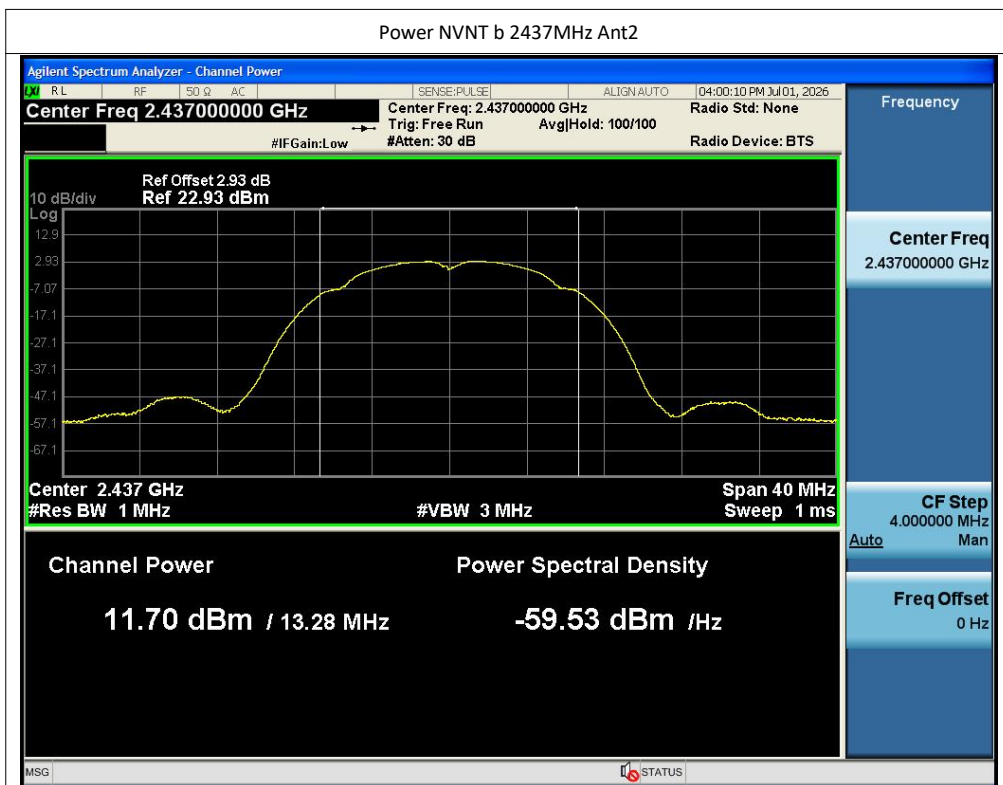
Power NVNT b 2412MHz Ant1

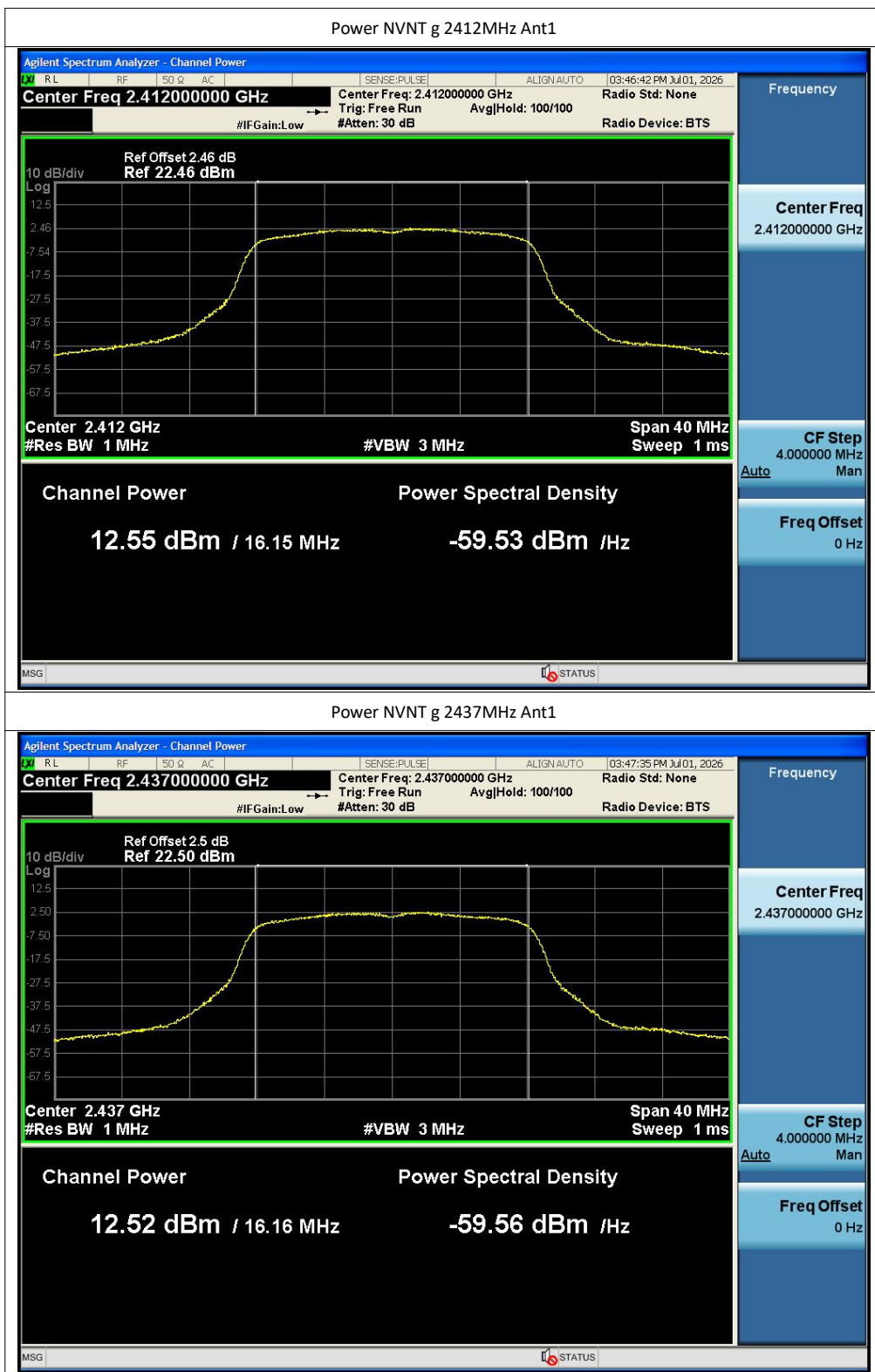


Power NVNT b 2437MHz Ant1

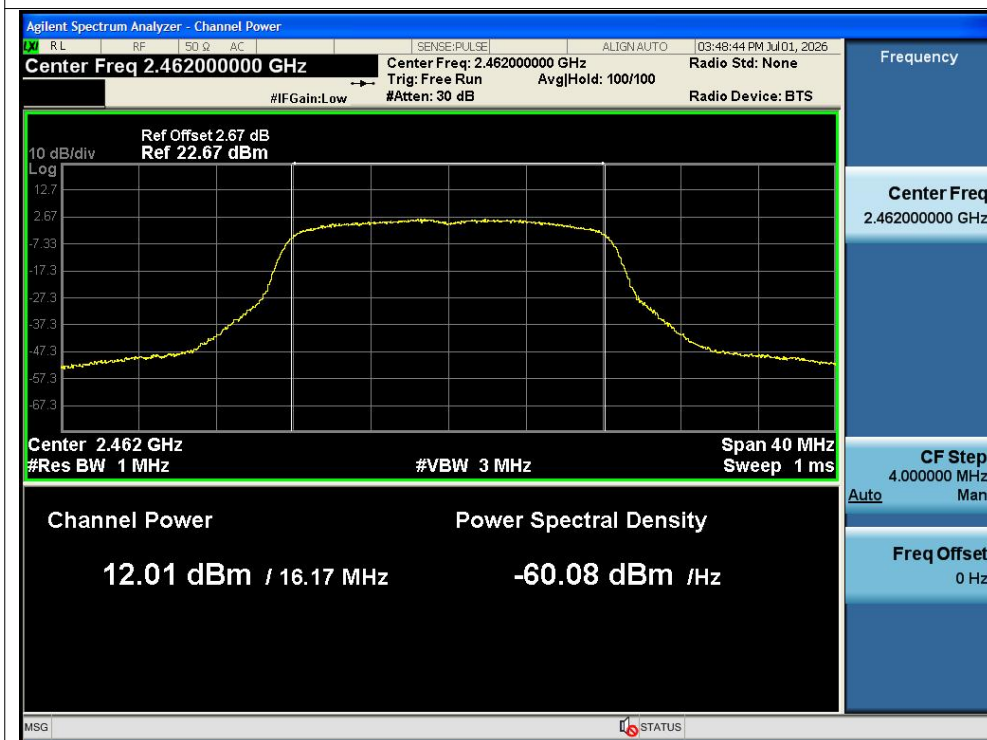








Power NVNT g 2462MHz Ant1



Power NVNT g 2412MHz Ant2

