

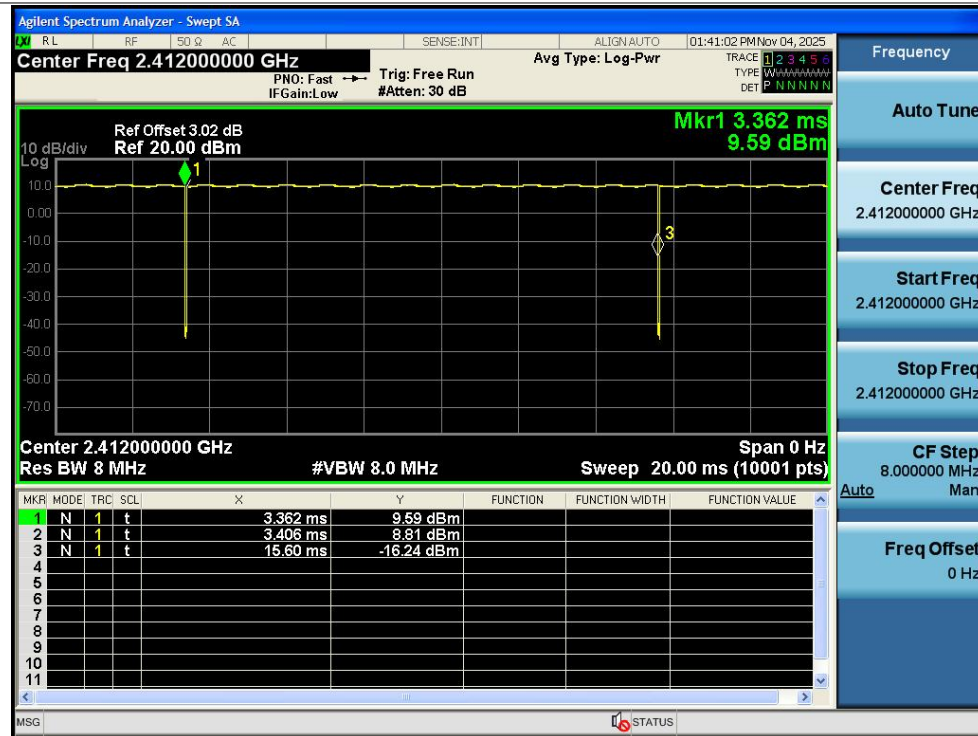
Appendix A 2.4GWIFI

Duty Cycle

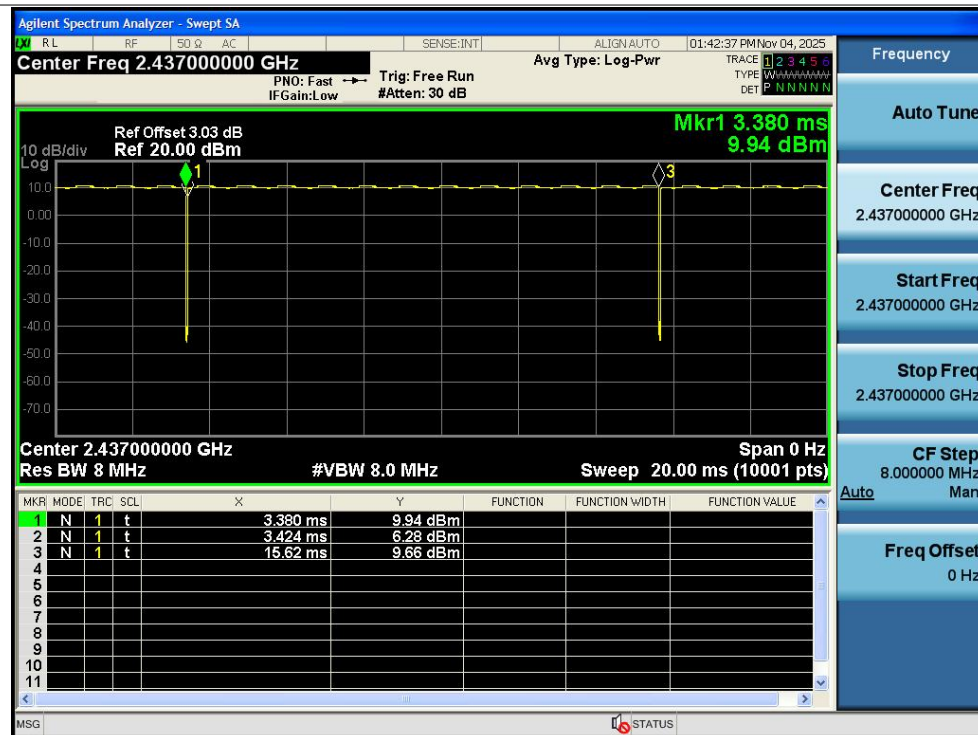
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	99.64	0.02	0.08
NVNT	b	2437	Ant1	99.64	0.02	0.08
NVNT	b	2462	Ant1	99.64	0.02	0.08
NVNT	g	2412	Ant1	97.59	0.11	0.49
NVNT	g	2437	Ant1	97.59	0.11	0.49
NVNT	g	2462	Ant1	97.59	0.11	0.49
NVNT	n20	2412	Ant1	97.42	0.11	0.53
NVNT	n20	2437	Ant1	97.42	0.11	0.53
NVNT	n20	2462	Ant1	97.42	0.11	0.53
NVNT	n40	2422	Ant1	96.07	0.17	1.08
NVNT	n40	2437	Ant1	96.07	0.17	1.08
NVNT	n40	2452	Ant1	96.07	0.17	1.08

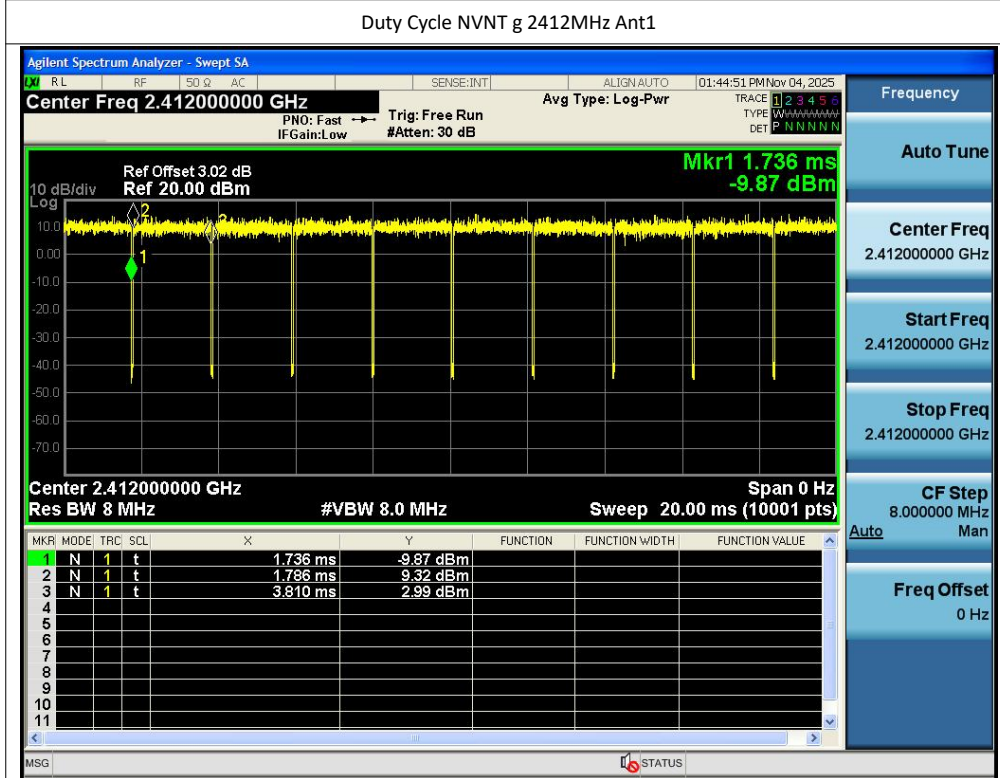
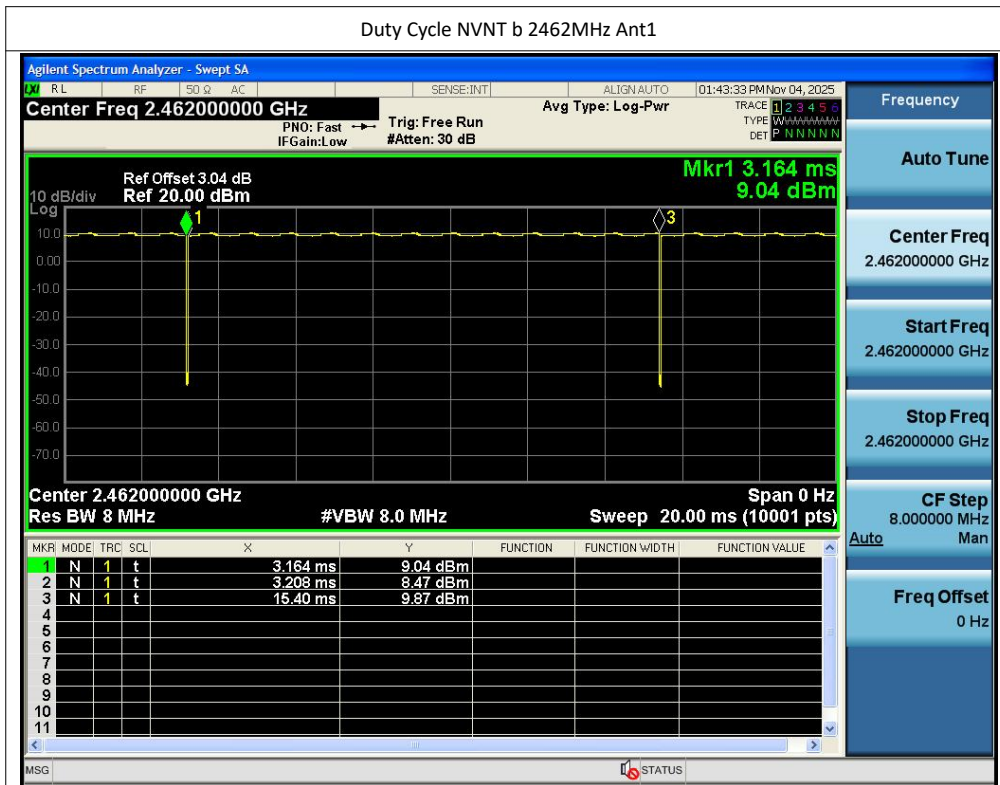
Test Graphs

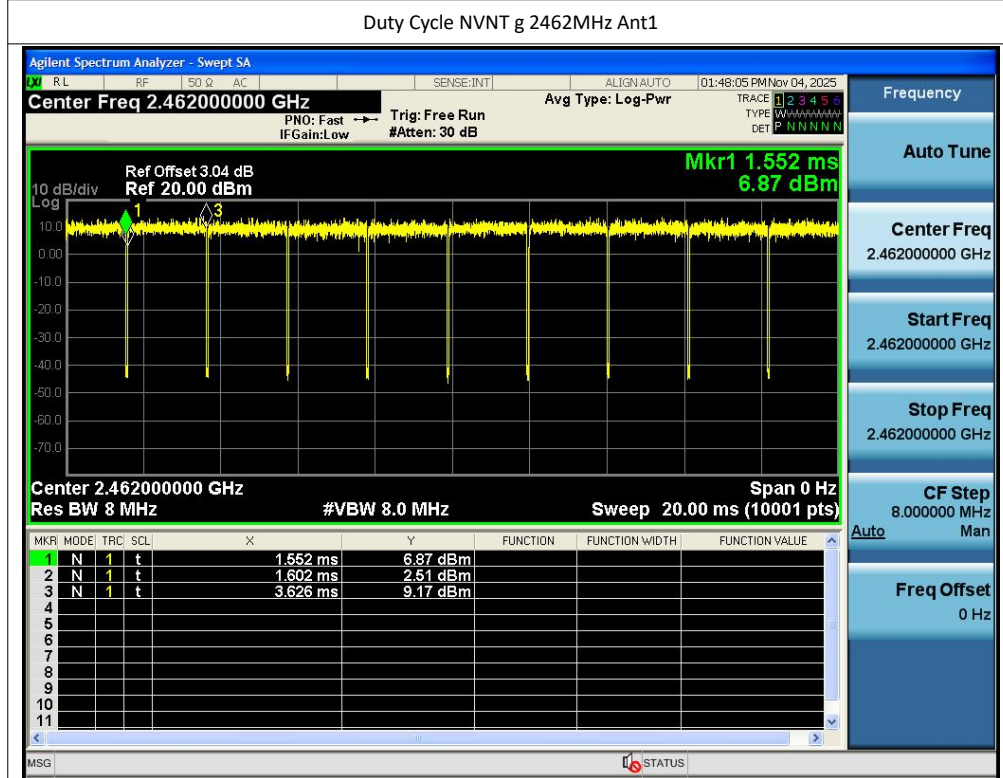
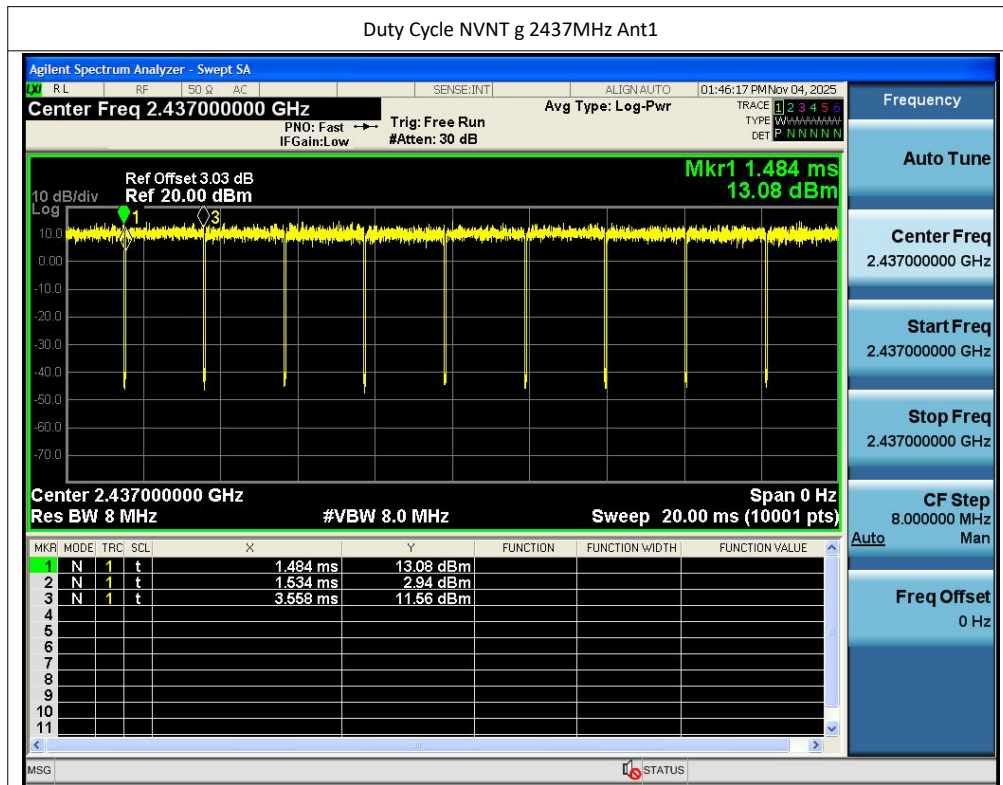
Duty Cycle NVNT b 2412MHz Ant1



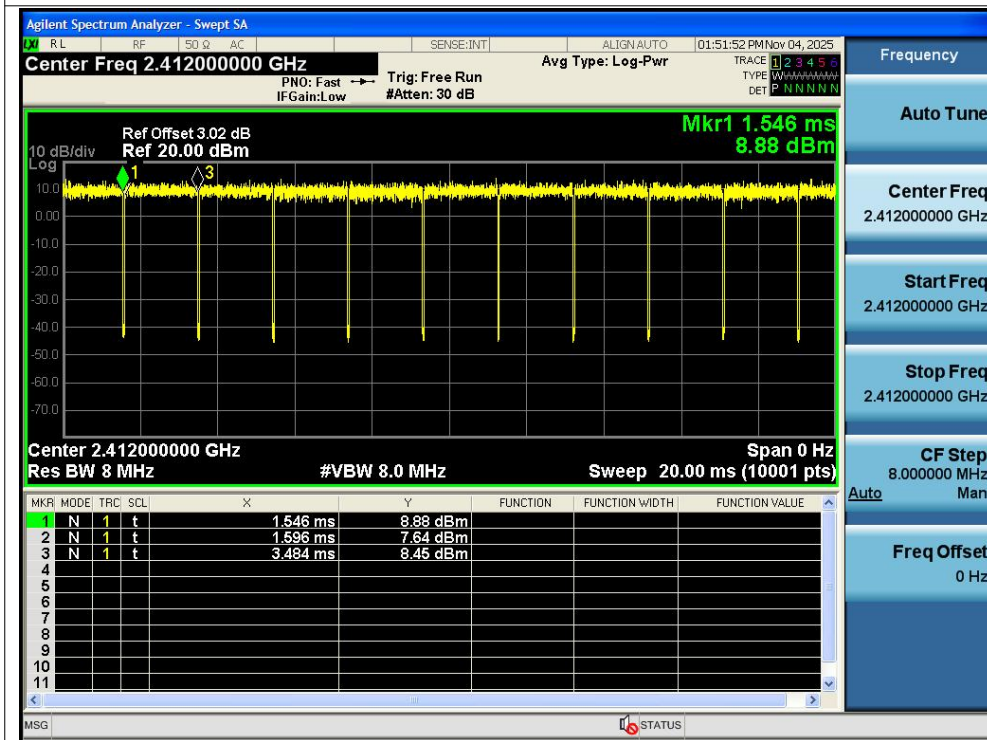
Duty Cycle NVNT b 2437MHz Ant1



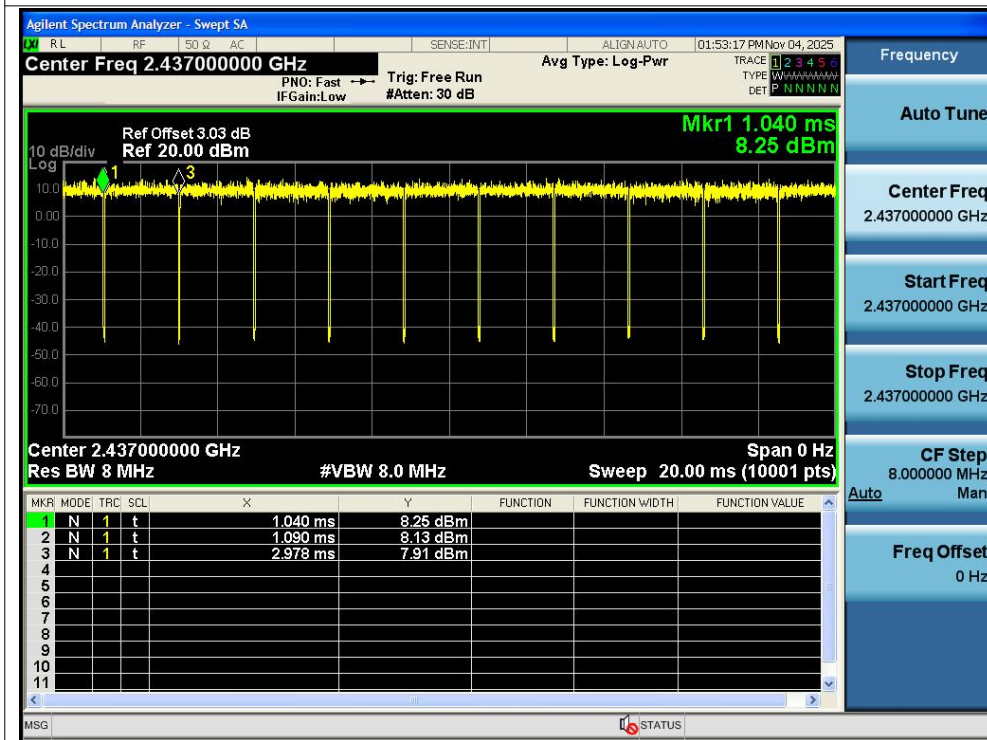




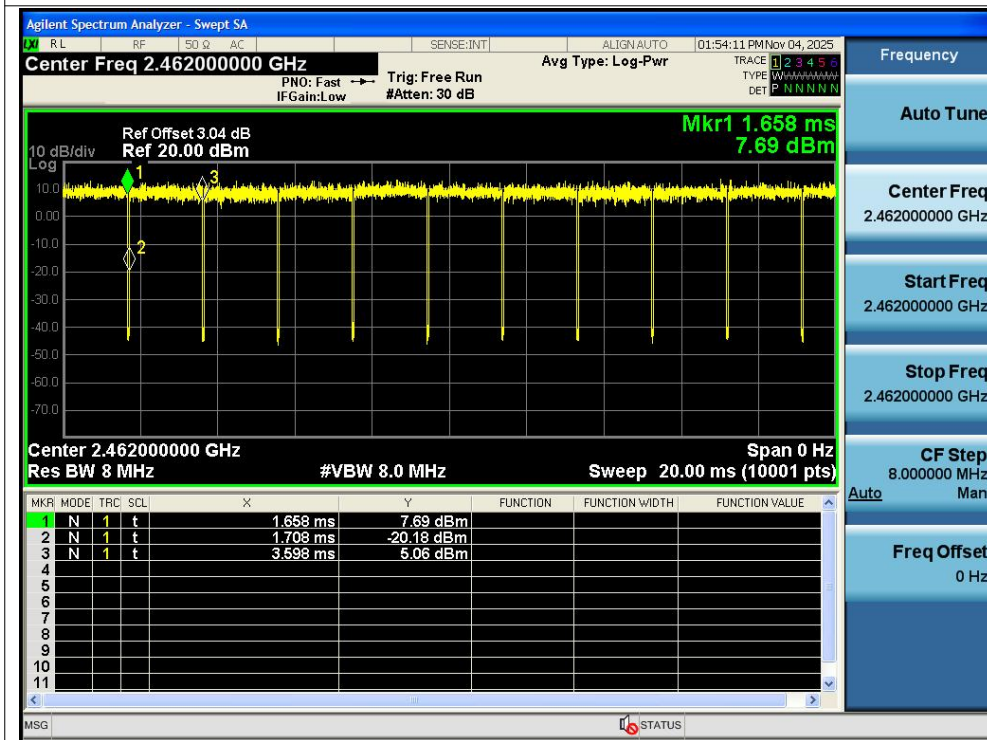
Duty Cycle NVNT n20 2412MHz Ant1



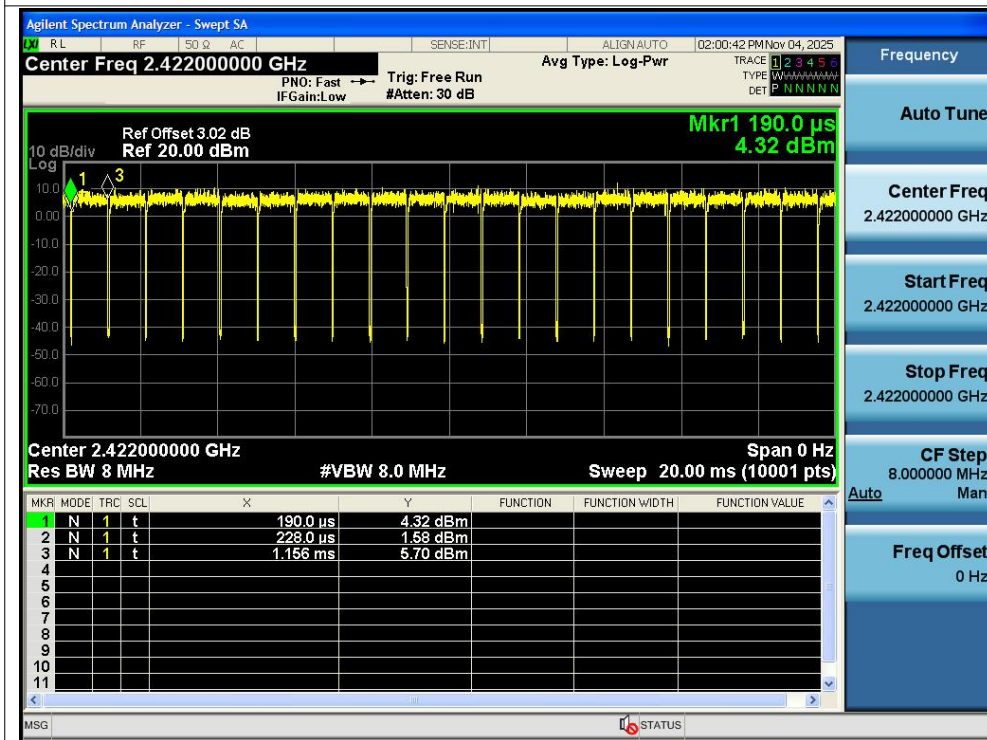
Duty Cycle NVNT n20 2437MHz Ant1



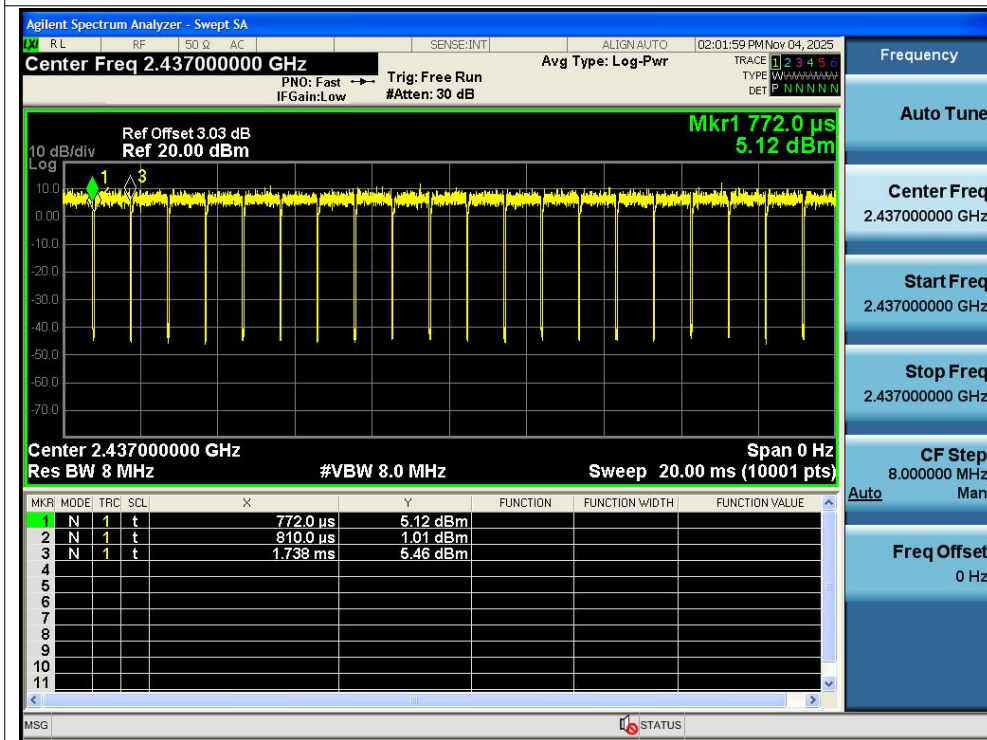
Duty Cycle NVNT n20 2462MHz Ant1



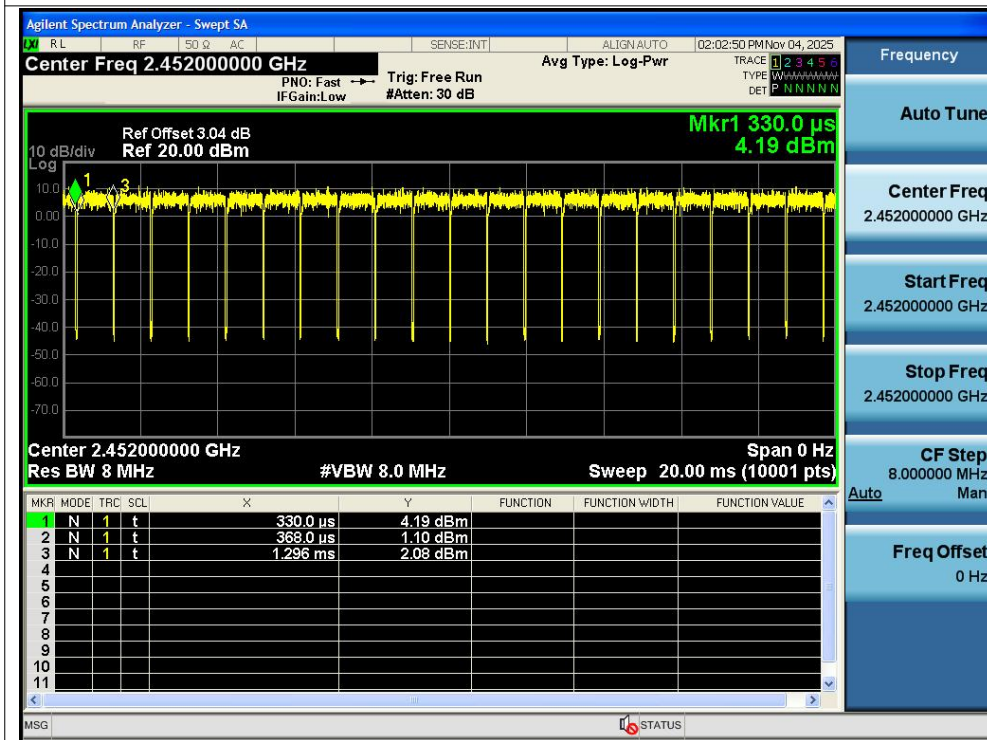
Duty Cycle NVNT n40 2422MHz Ant1



Duty Cycle NVNT n40 2437MHz Ant1



Duty Cycle NVNT n40 2452MHz Ant1

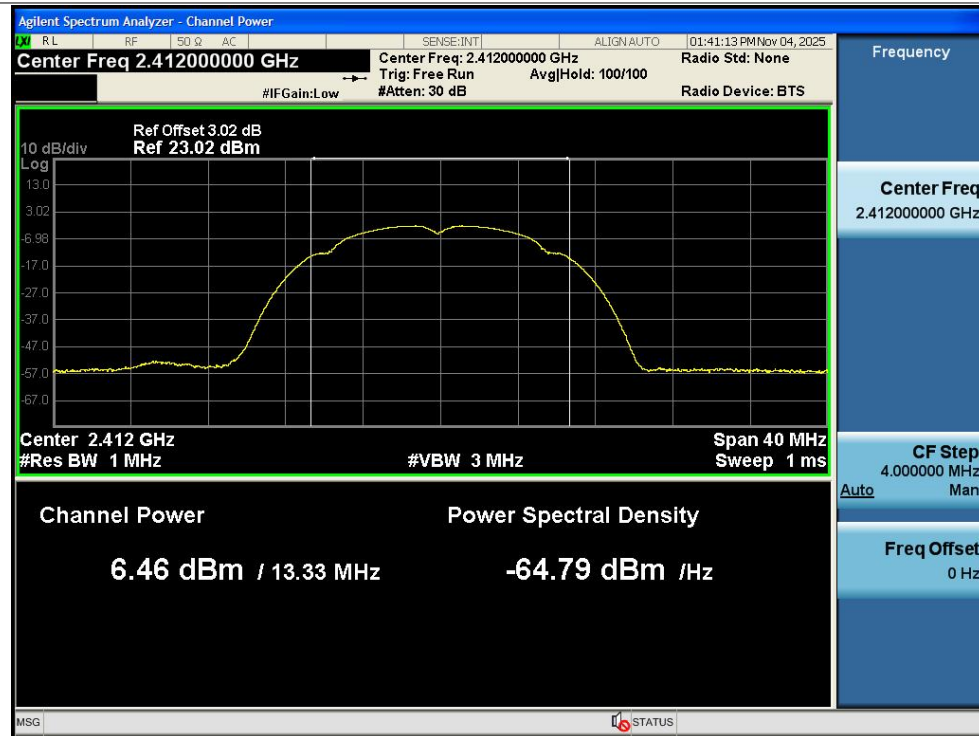


Maximum Conducted Output Power

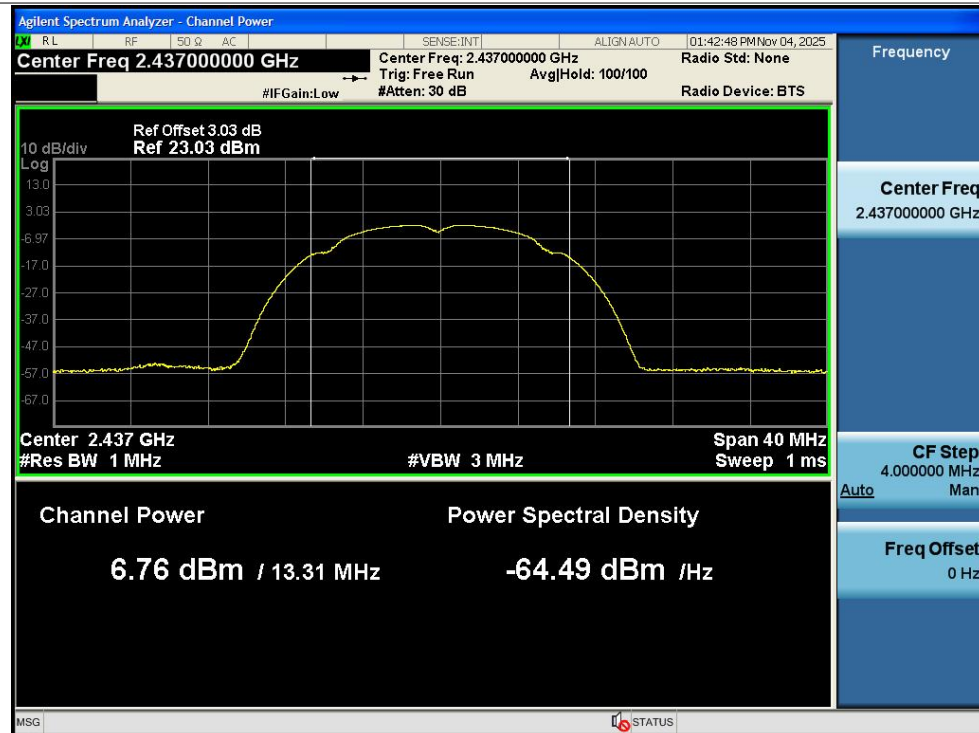
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	6.46	0.02	6.48	30	Pass
NVNT	b	2437	Ant1	6.76	0.02	6.78	30	Pass
NVNT	b	2462	Ant1	6.06	0.02	6.08	30	Pass
NVNT	g	2412	Ant1	6.82	0.11	6.93	30	Pass
NVNT	g	2437	Ant1	6.93	0.11	7.04	30	Pass
NVNT	g	2462	Ant1	6.28	0.11	6.39	30	Pass
NVNT	n20	2412	Ant1	6.14	0.11	6.25	30	Pass
NVNT	n20	2437	Ant1	6.26	0.11	6.37	30	Pass
NVNT	n20	2462	Ant1	6.08	0.11	6.19	30	Pass
NVNT	n40	2422	Ant1	6.71	0.17	6.88	30	Pass
NVNT	n40	2437	Ant1	6.5	0.17	6.67	30	Pass
NVNT	n40	2452	Ant1	6.51	0.17	6.68	30	Pass

Test Graphs

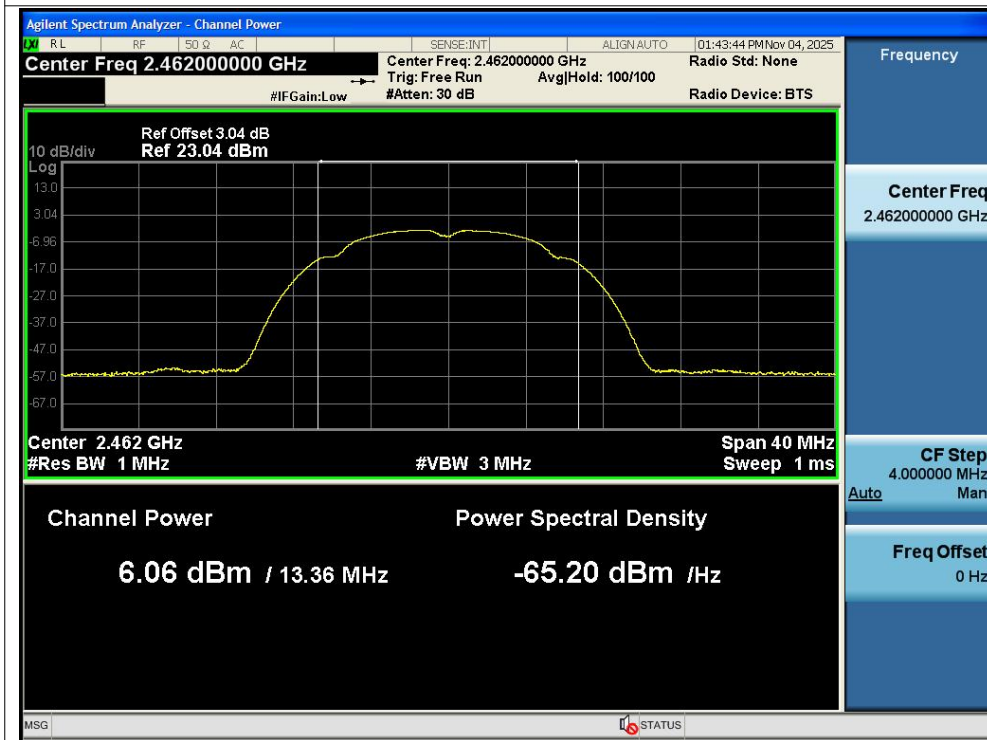
Power NVNT b 2412MHz Ant1



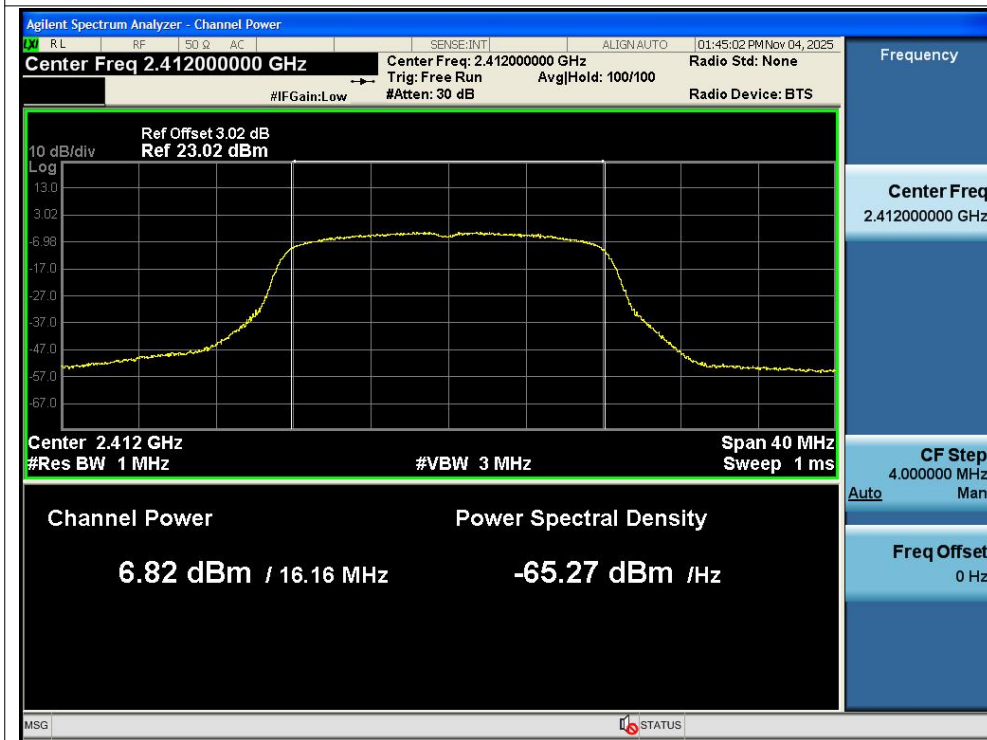
Power NVNT b 2437MHz Ant1



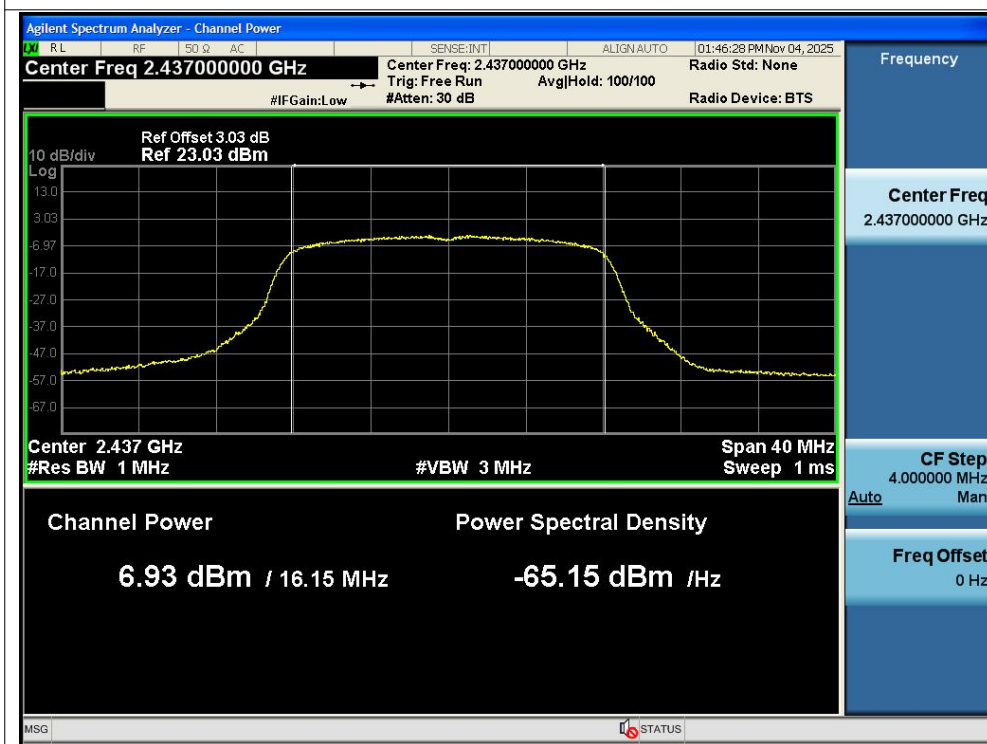
Power NVNT b 2462MHz Ant1



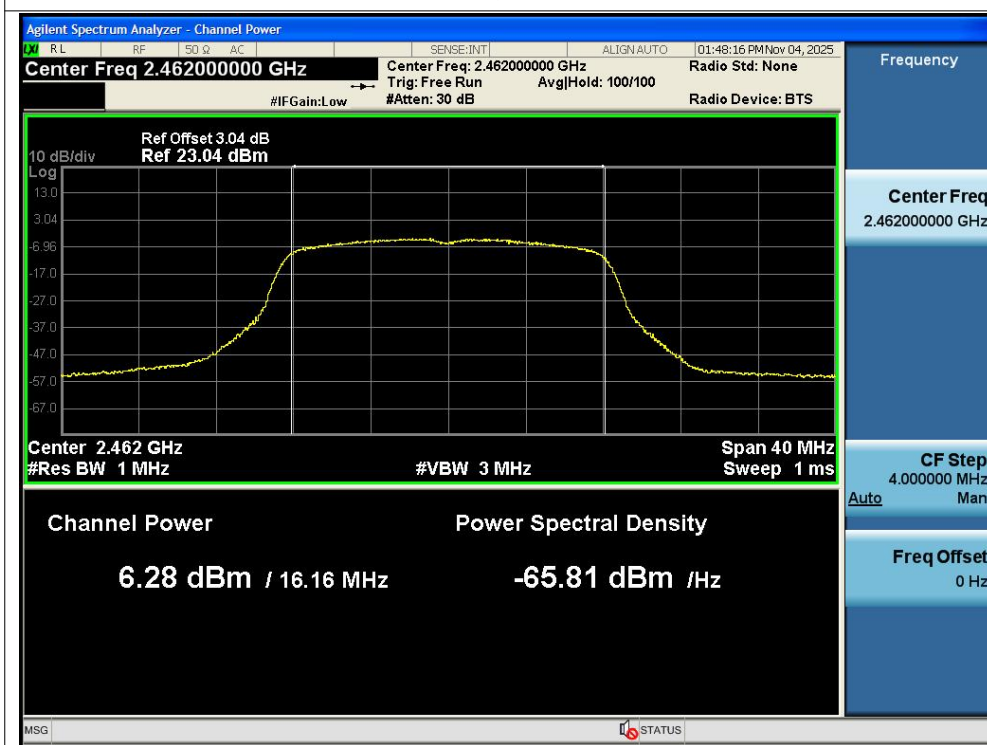
Power NVNT g 2412MHz Ant1

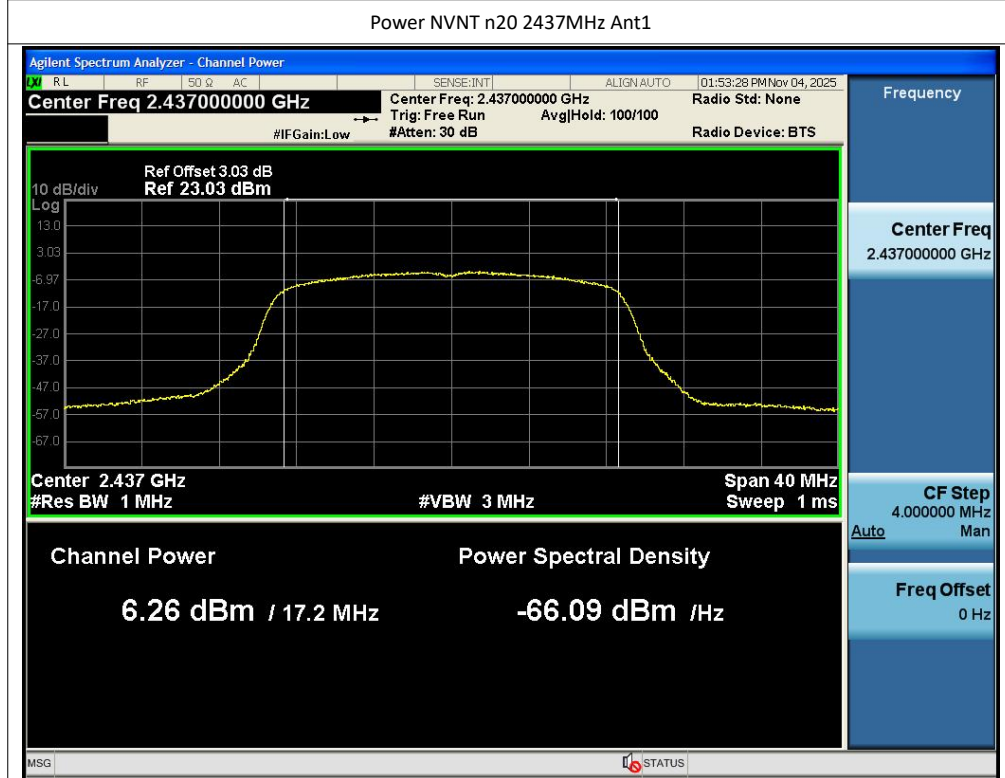
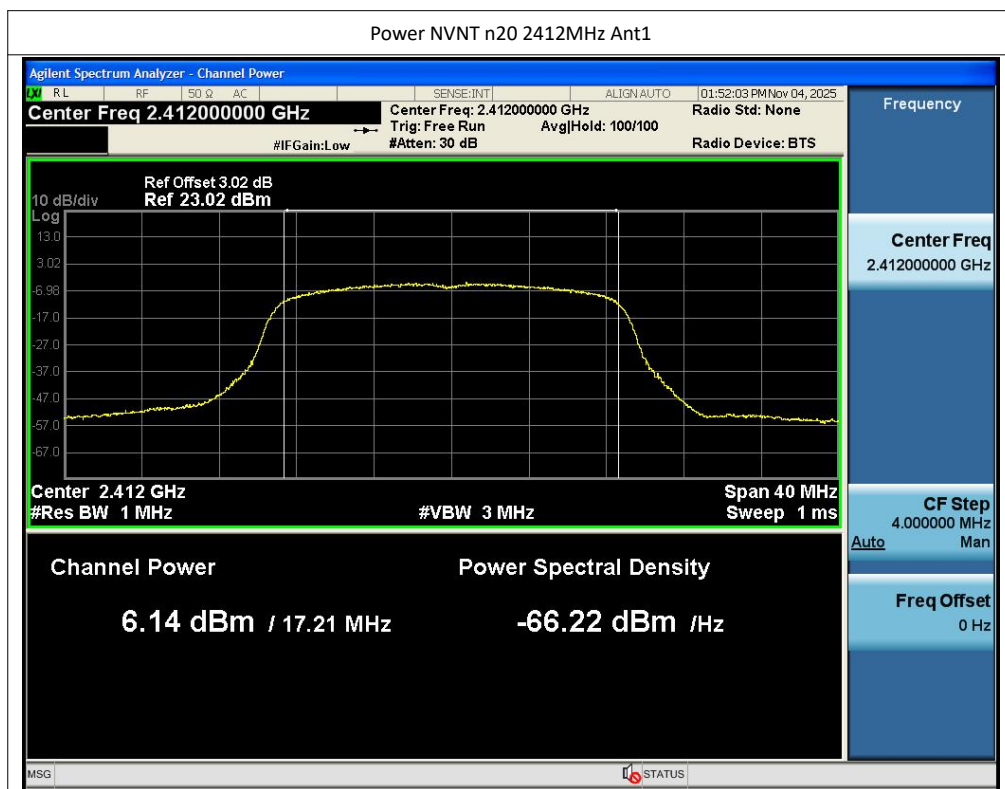


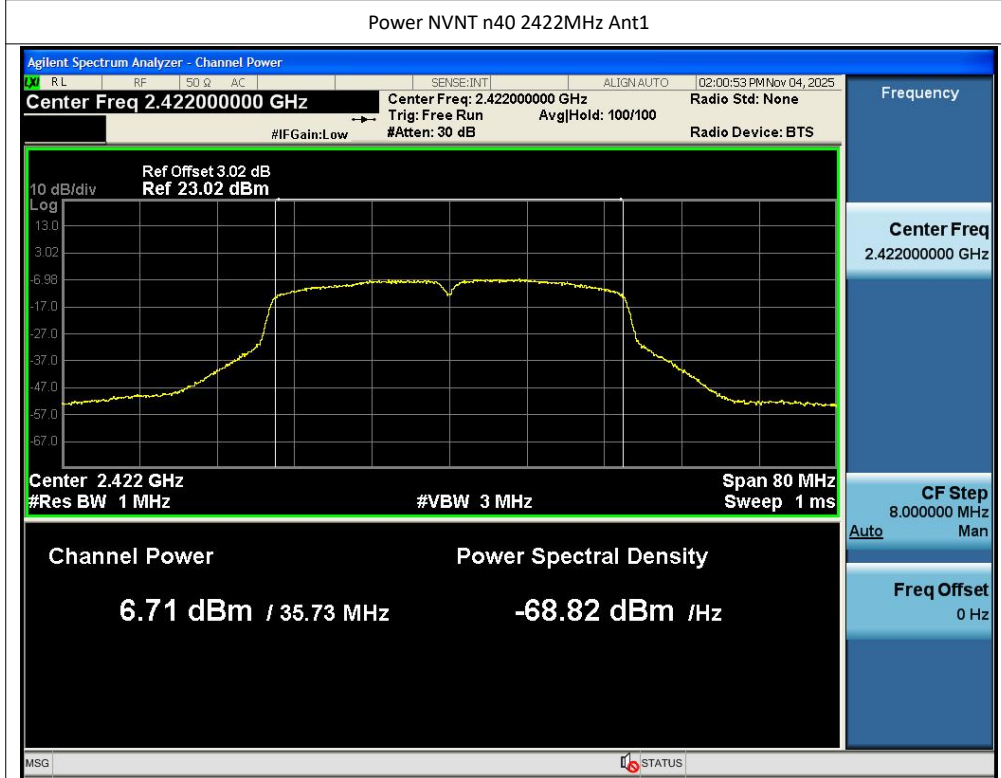
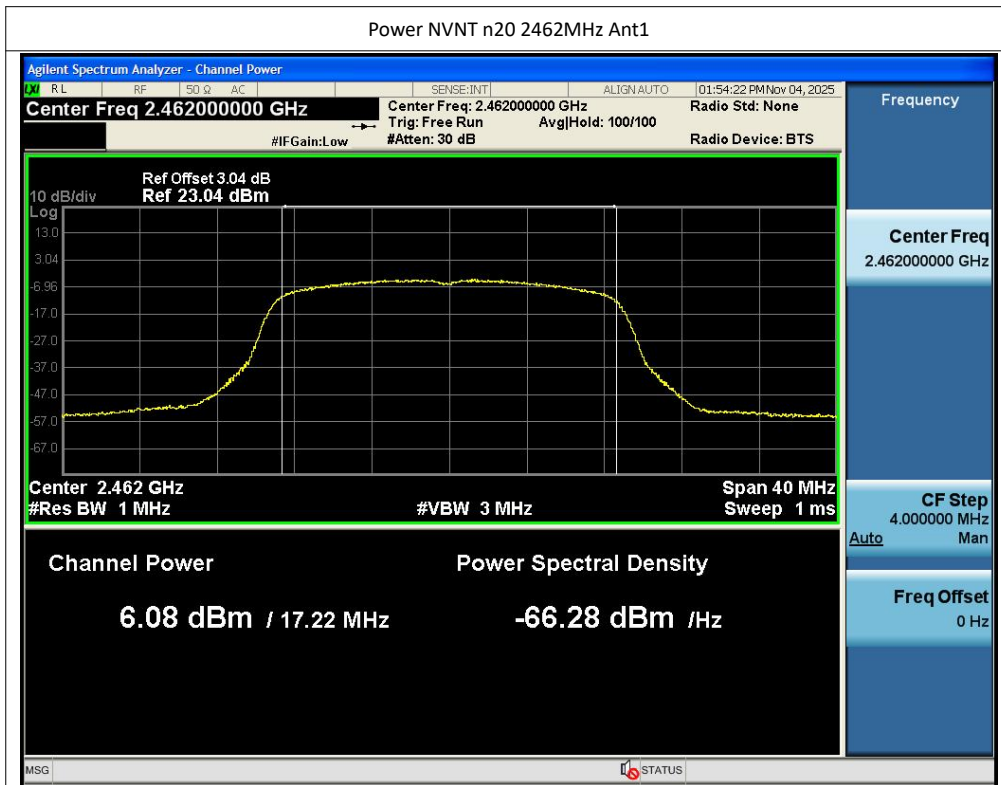
Power NVNT g 2437MHz Ant1



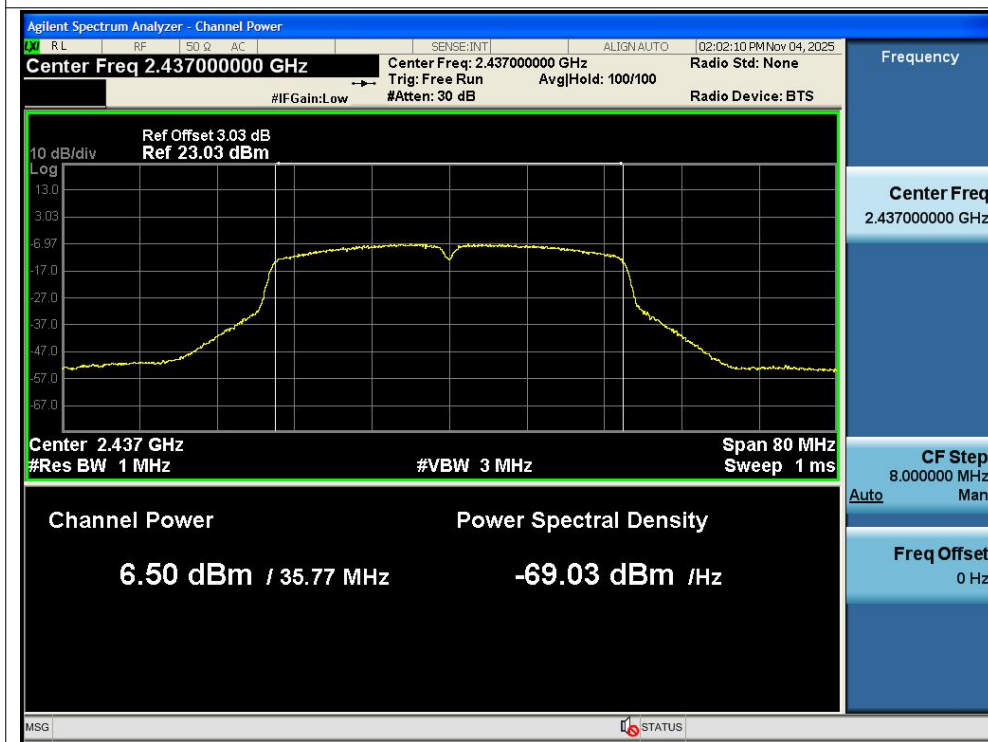
Power NVNT g 2462MHz Ant1



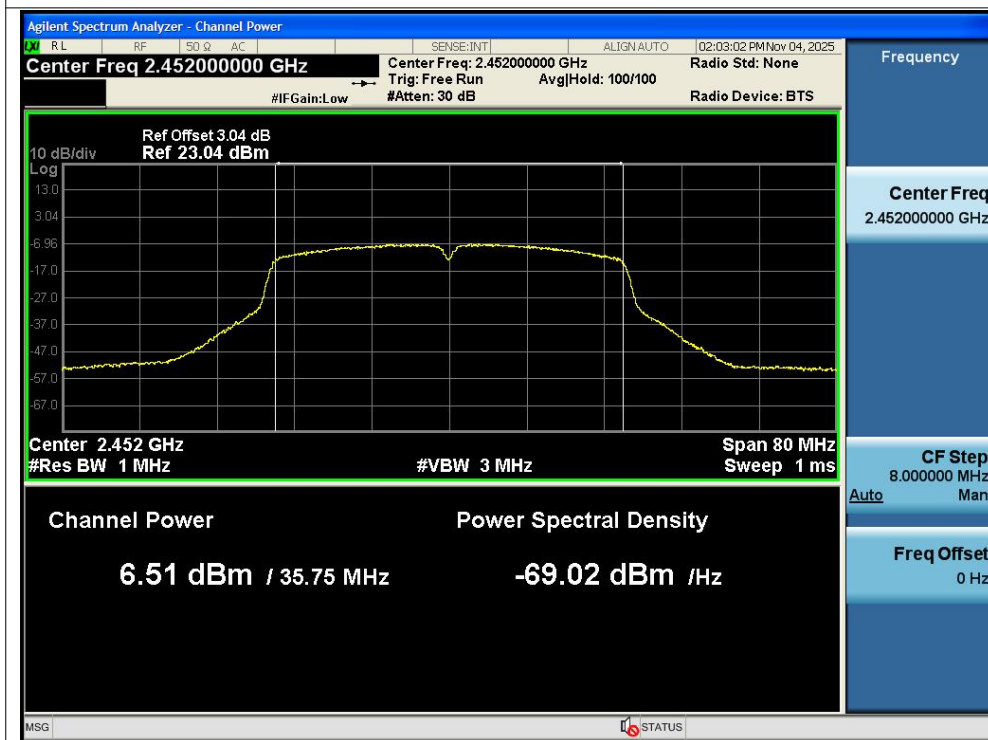




Power NVNT n40 2437MHz Ant1



Power NVNT n40 2452MHz Ant1



-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	8.054	0.5	Pass
NVNT	b	2437	Ant1	8.124	0.5	Pass
NVNT	b	2462	Ant1	8.105	0.5	Pass
NVNT	g	2412	Ant1	15.57	0.5	Pass
NVNT	g	2437	Ant1	15.96	0.5	Pass
NVNT	g	2462	Ant1	15.63	0.5	Pass
NVNT	n20	2412	Ant1	17.16	0.5	Pass
NVNT	n20	2437	Ant1	17.11	0.5	Pass
NVNT	n20	2462	Ant1	17.3	0.5	Pass
NVNT	n40	2422	Ant1	35.1	0.5	Pass
NVNT	n40	2437	Ant1	35.29	0.5	Pass
NVNT	n40	2452	Ant1	35.63	0.5	Pass

Test Graphs

-6dB Bandwidth NVNT b 2412MHz Ant1



-6dB Bandwidth NVNT b 2437MHz Ant1



-6dB Bandwidth NVNT b 2462MHz Ant1



-6dB Bandwidth NVNT g 2412MHz Ant1



-6dB Bandwidth NVNT g 2437MHz Ant1



-6dB Bandwidth NVNT g 2462MHz Ant1



-6dB Bandwidth NVNT n20 2412MHz Ant1



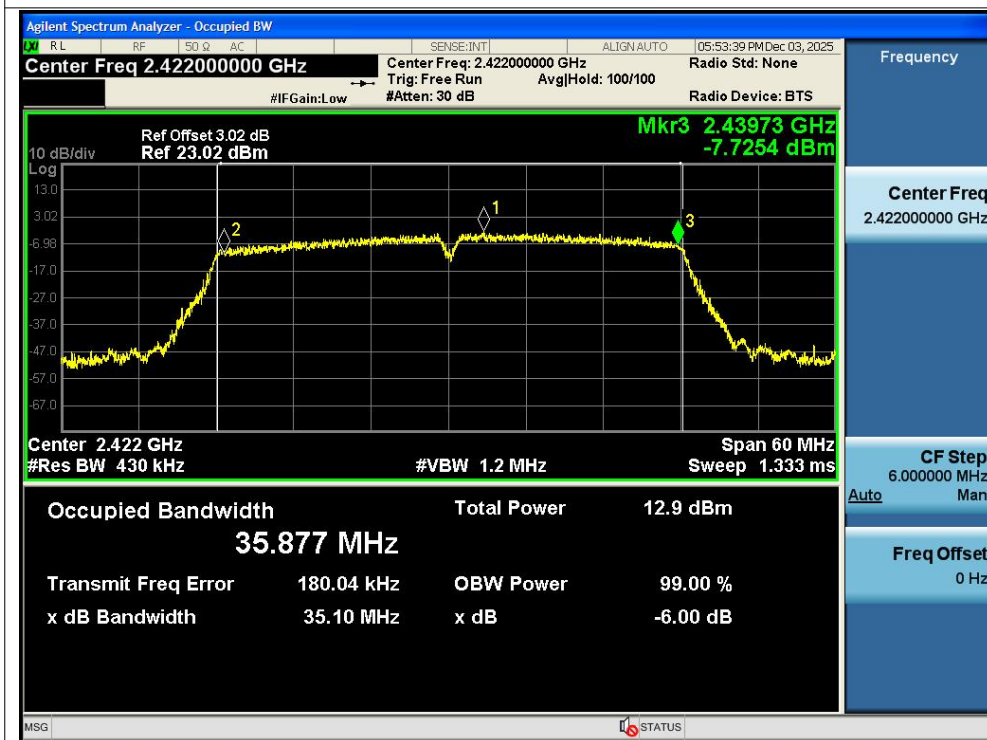
-6dB Bandwidth NVNT n20 2437MHz Ant1



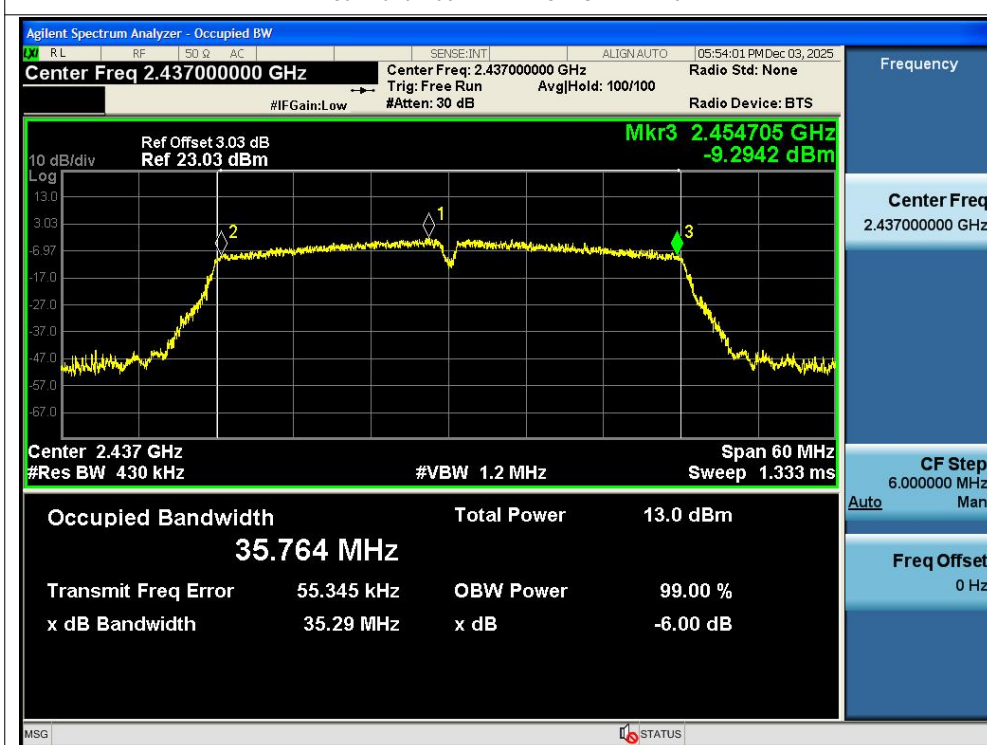
-6dB Bandwidth NVNT n20 2462MHz Ant1



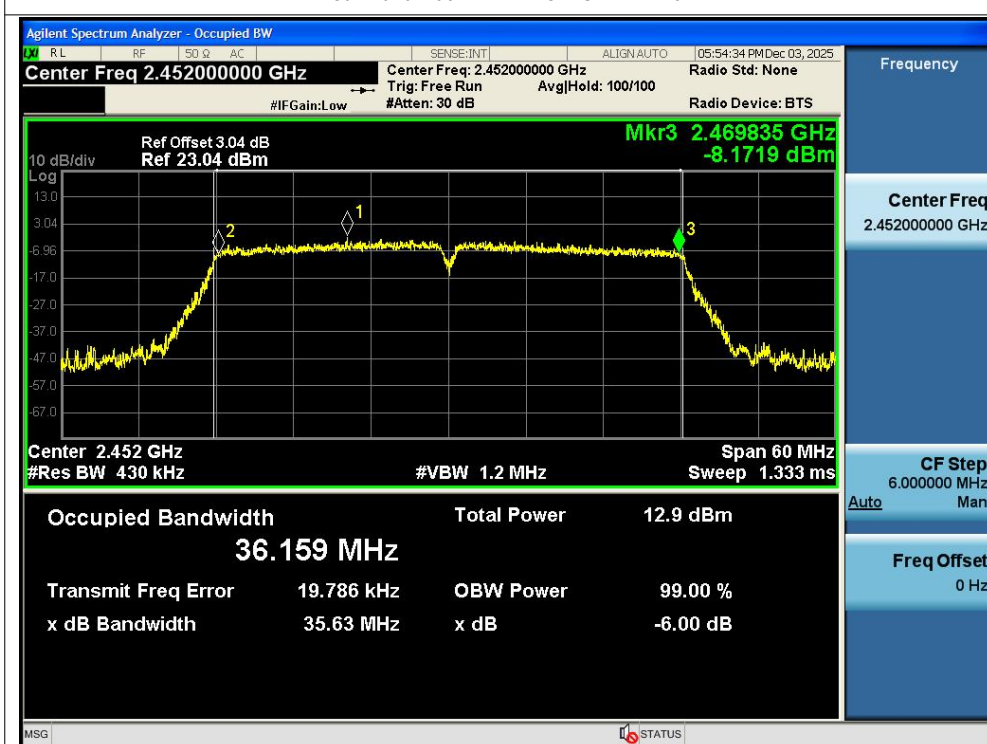
-6dB Bandwidth NVNT n40 2422MHz Ant1



-6dB Bandwidth NVNT n40 2437MHz Ant1



-6dB Bandwidth NVNT n40 2452MHz Ant1



Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	13.329
NVNT	b	2437	Ant1	13.314
NVNT	b	2462	Ant1	13.359
NVNT	g	2412	Ant1	16.16
NVNT	g	2437	Ant1	16.152
NVNT	g	2462	Ant1	16.162
NVNT	n20	2412	Ant1	17.211
NVNT	n20	2437	Ant1	17.198
NVNT	n20	2462	Ant1	17.217
NVNT	n40	2422	Ant1	35.731
NVNT	n40	2437	Ant1	35.766
NVNT	n40	2452	Ant1	35.751