

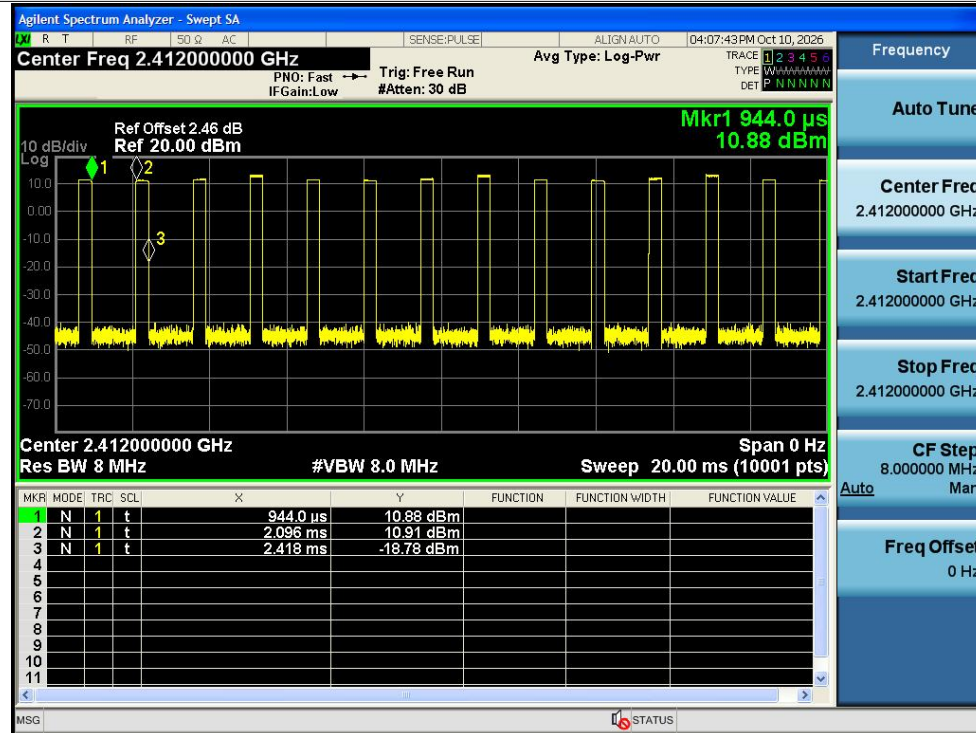
Appendix E 2.4G WIFI

Duty Cycle

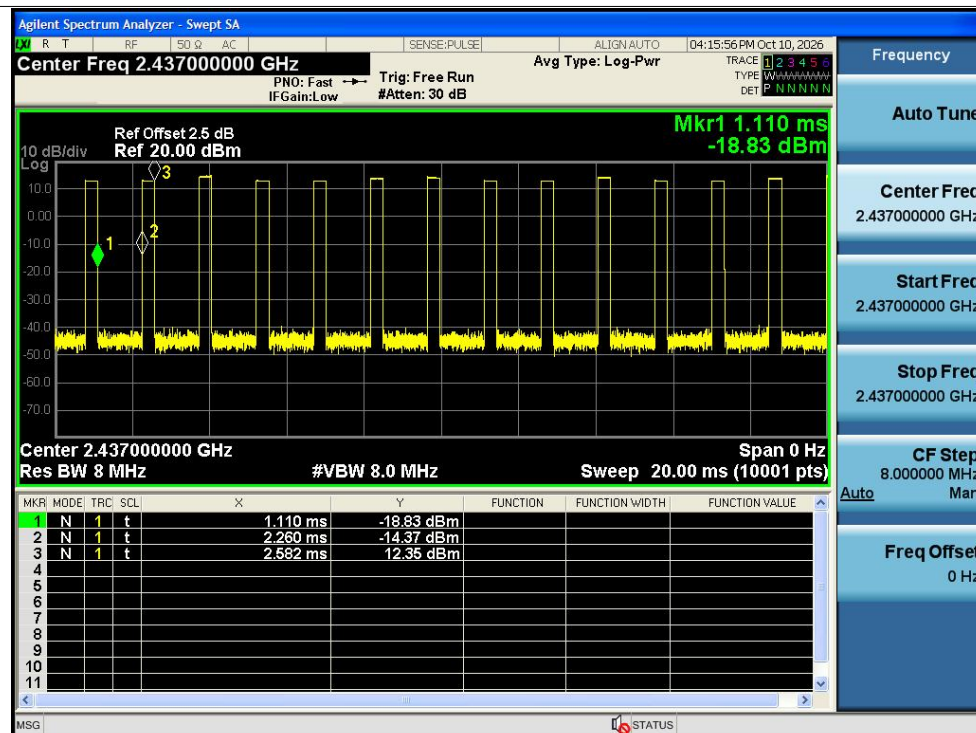
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	21.85	6.61	3.11
NVNT	b	2437	Ant1	21.88	6.6	3.11
NVNT	b	2462	Ant1	21.85	6.61	3.11
NVNT	g	2412	Ant1	10.97	9.6	3.6
NVNT	g	2437	Ant1	10.98	9.59	3.6
NVNT	g	2462	Ant1	10.98	9.59	3.6
NVNT	n20	2412	Ant1	11.59	9.36	3.38
NVNT	n20	2437	Ant1	11.66	9.33	3.36
NVNT	n20	2462	Ant1	11.66	9.33	3.36
NVNT	n40	2422	Ant1	11.13	9.54	3.4
NVNT	n40	2437	Ant1	11.14	9.53	3.4
NVNT	n40	2452	Ant1	11.06	9.56	3.42
NVNT	ax20	2412	Ant1	9.98	10.01	3.76
NVNT	ax20	2437	Ant1	9.98	10.01	3.76
NVNT	ax20	2462	Ant1	9.99	10	3.76
NVNT	ax40	2422	Ant1	10.02	9.99	3.76
NVNT	ax40	2437	Ant1	10.02	9.99	3.76
NVNT	ax40	2452	Ant1	10.02	9.99	3.76

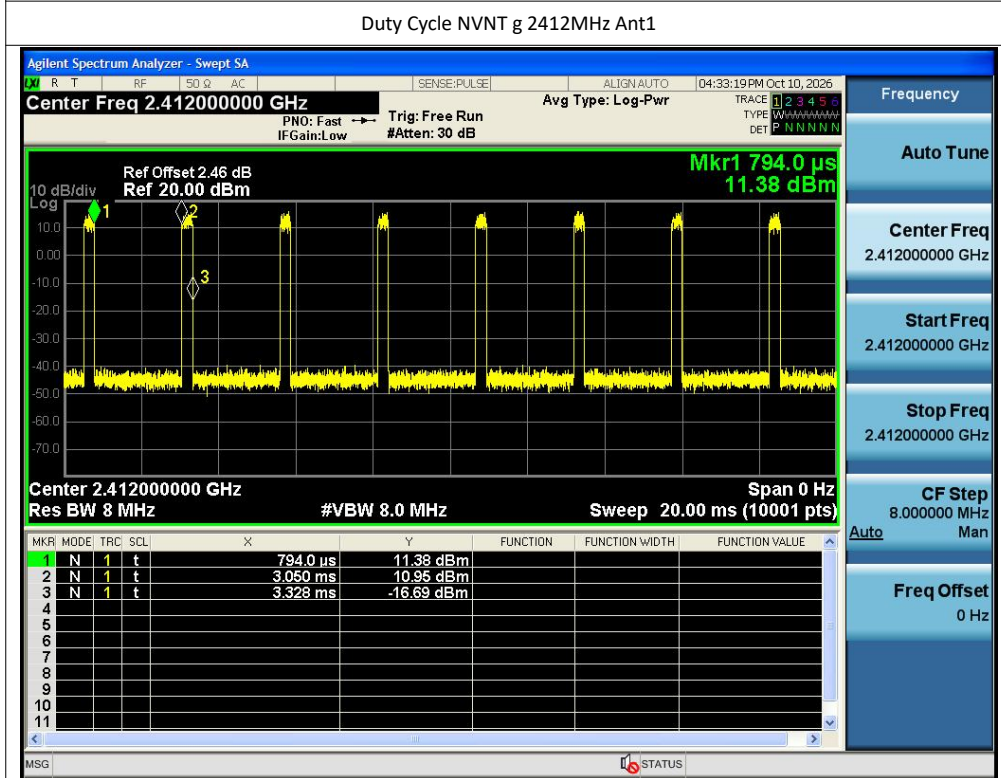
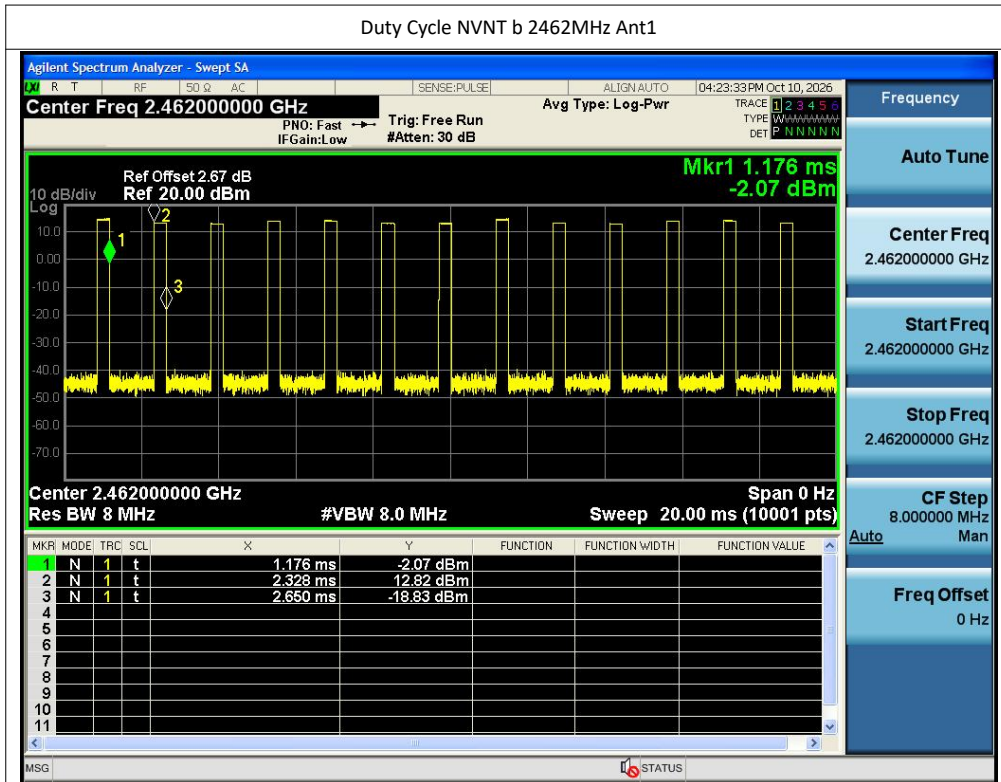
Test Graphs

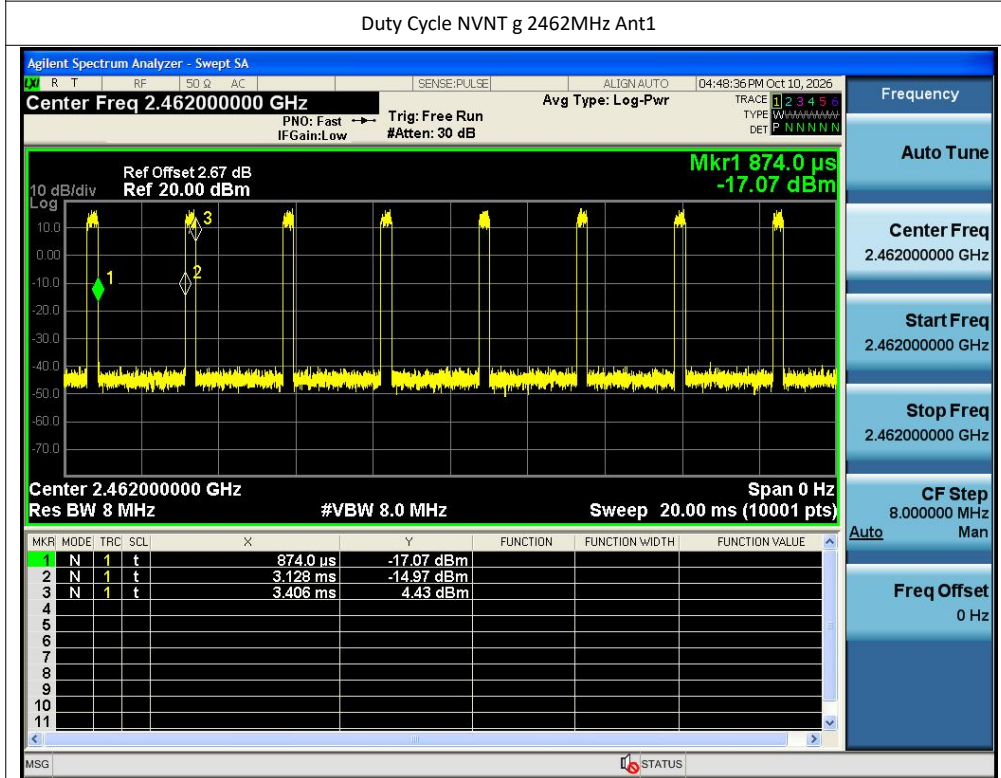
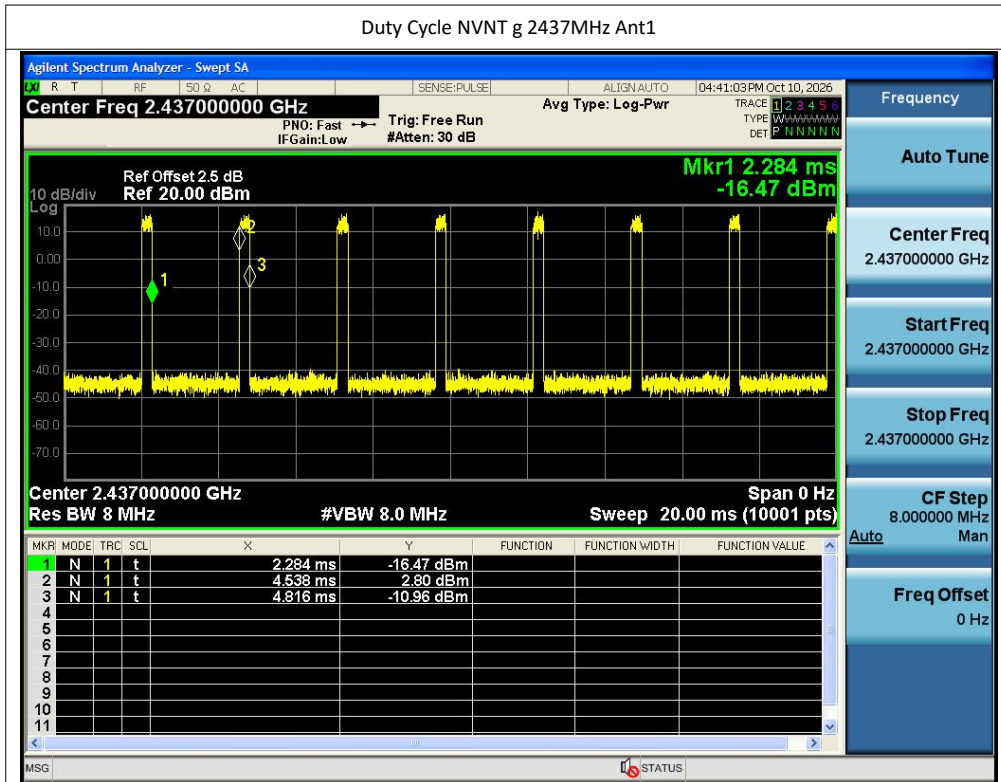
Duty Cycle NVNT b 2412MHz Ant1



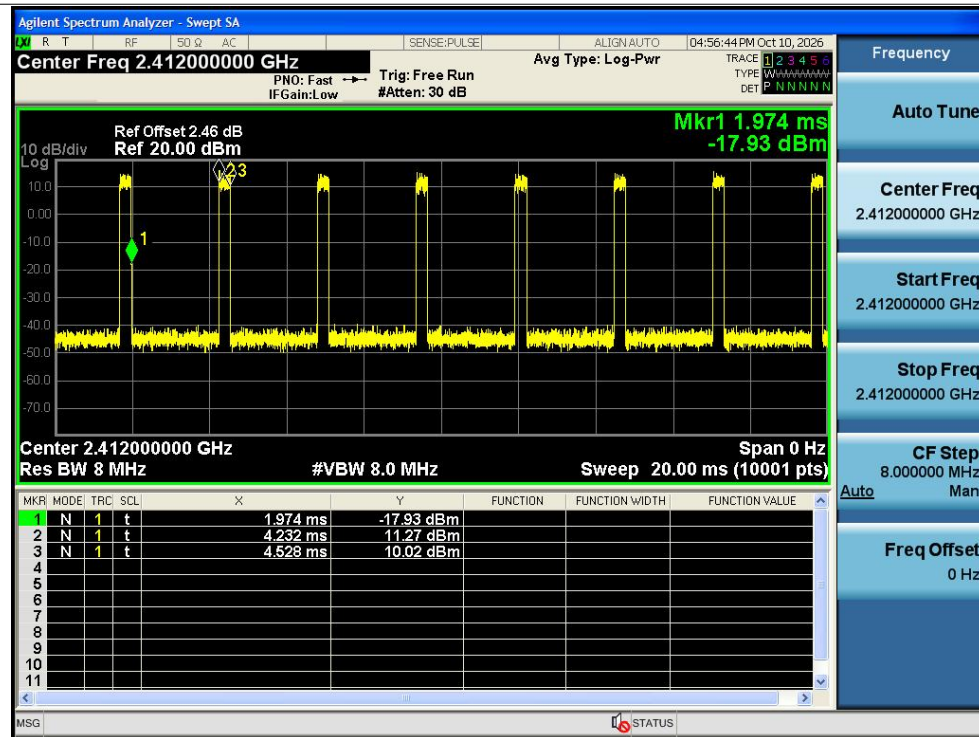
Duty Cycle NVNT b 2437MHz Ant1



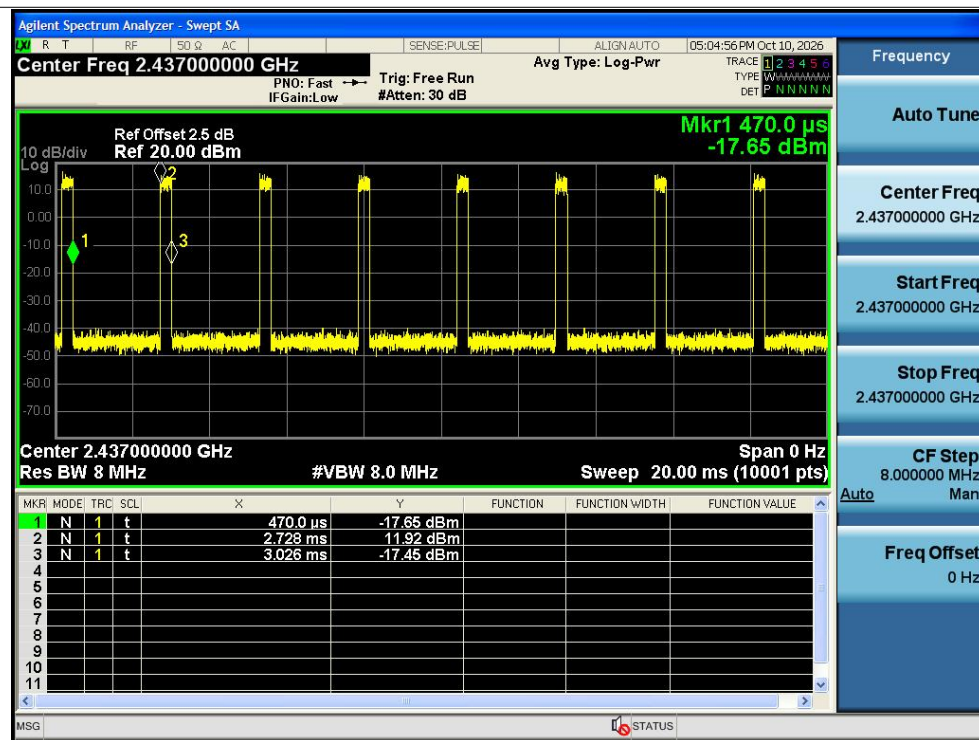




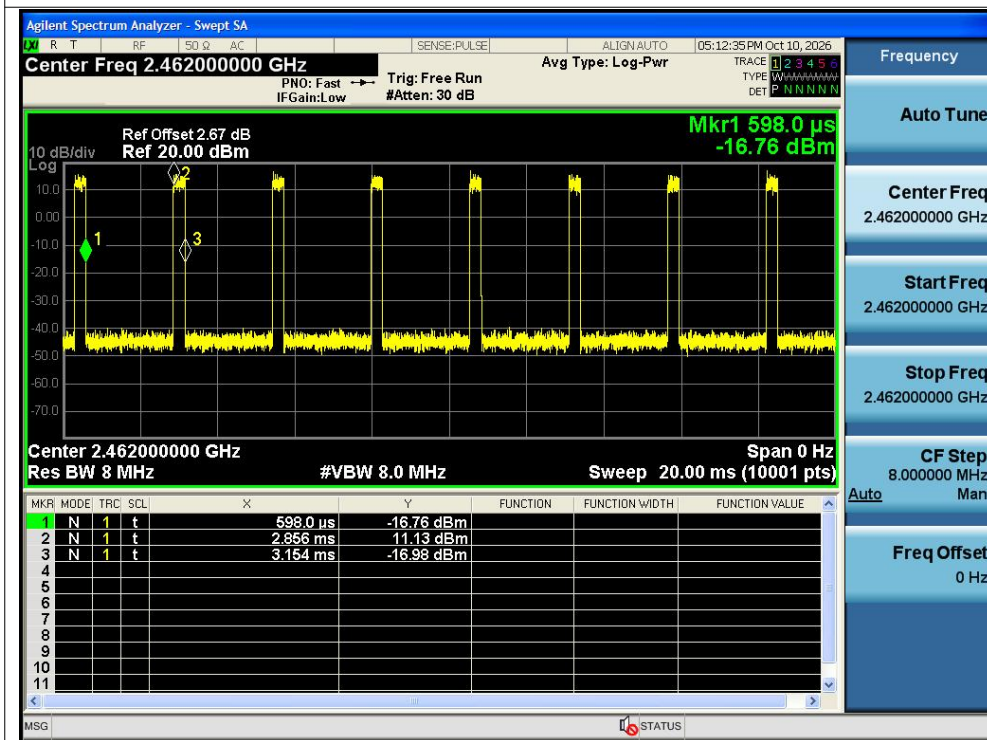
Duty Cycle NVNT n20 2412MHz Ant1



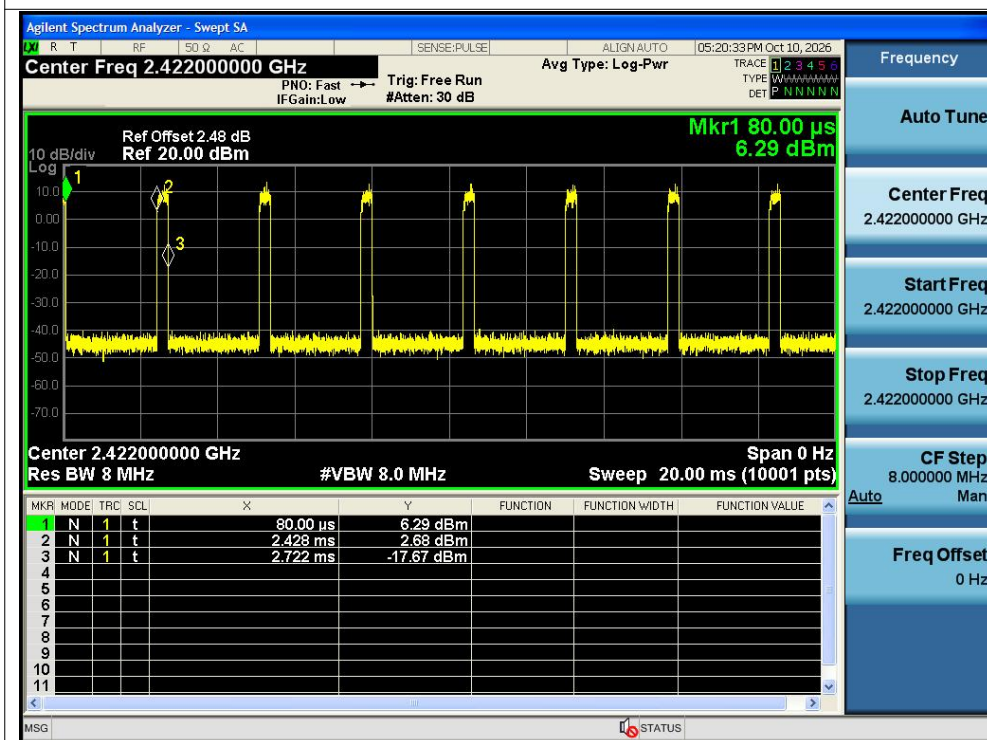
Duty Cycle NVNT n20 2437MHz Ant1



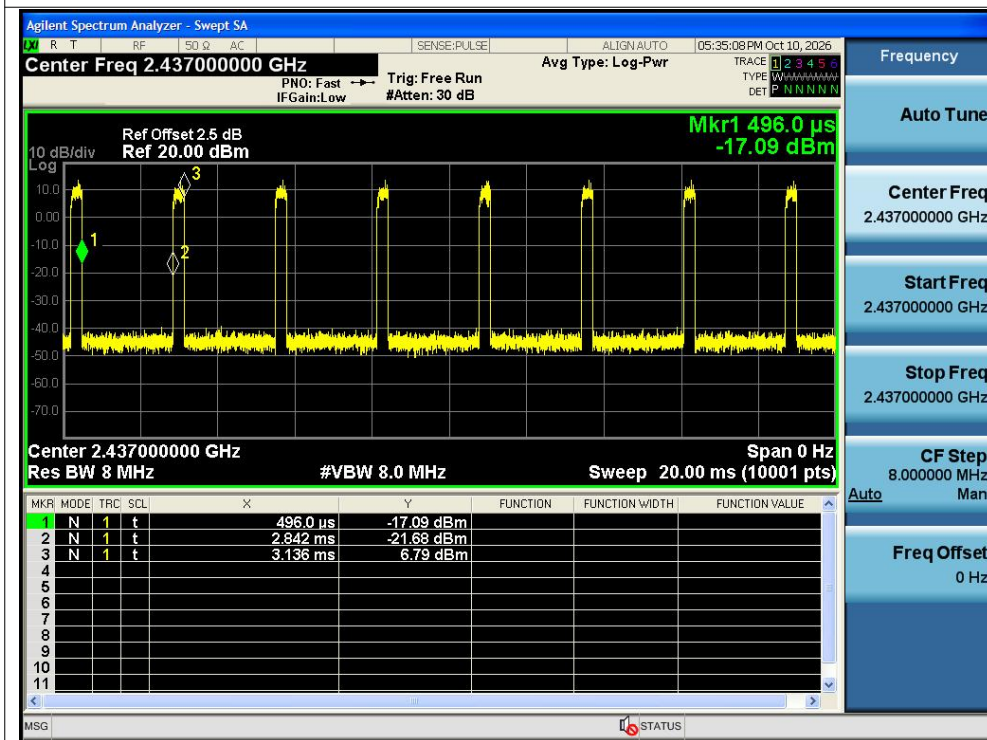
Duty Cycle NVNT n20 2462MHz Ant1



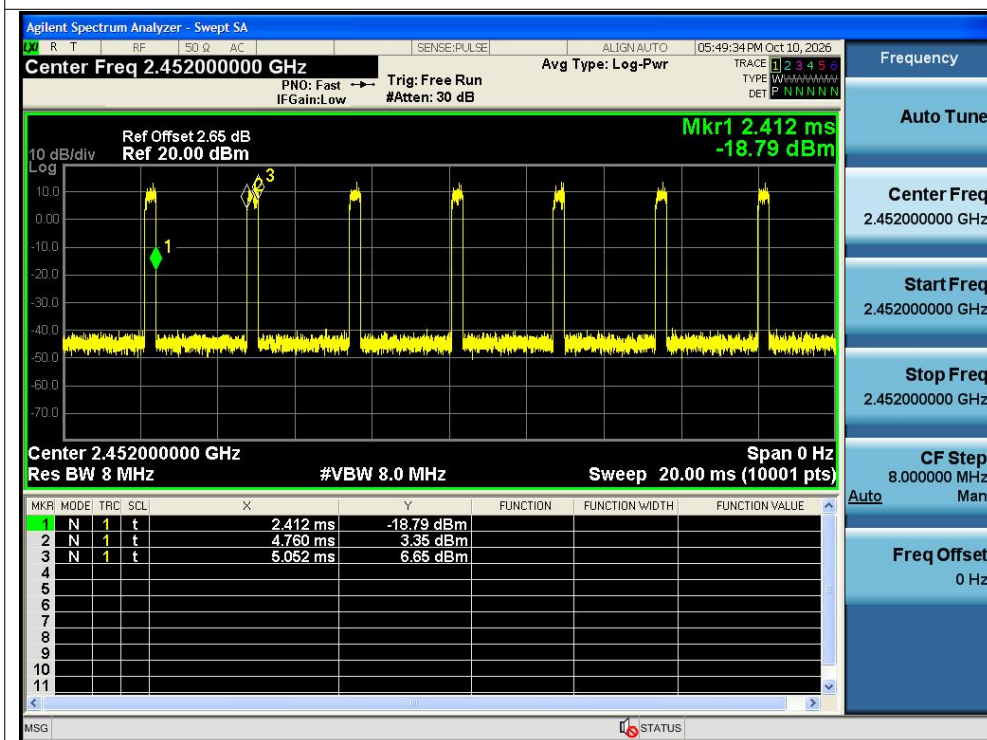
Duty Cycle NVNT n40 2422MHz Ant1



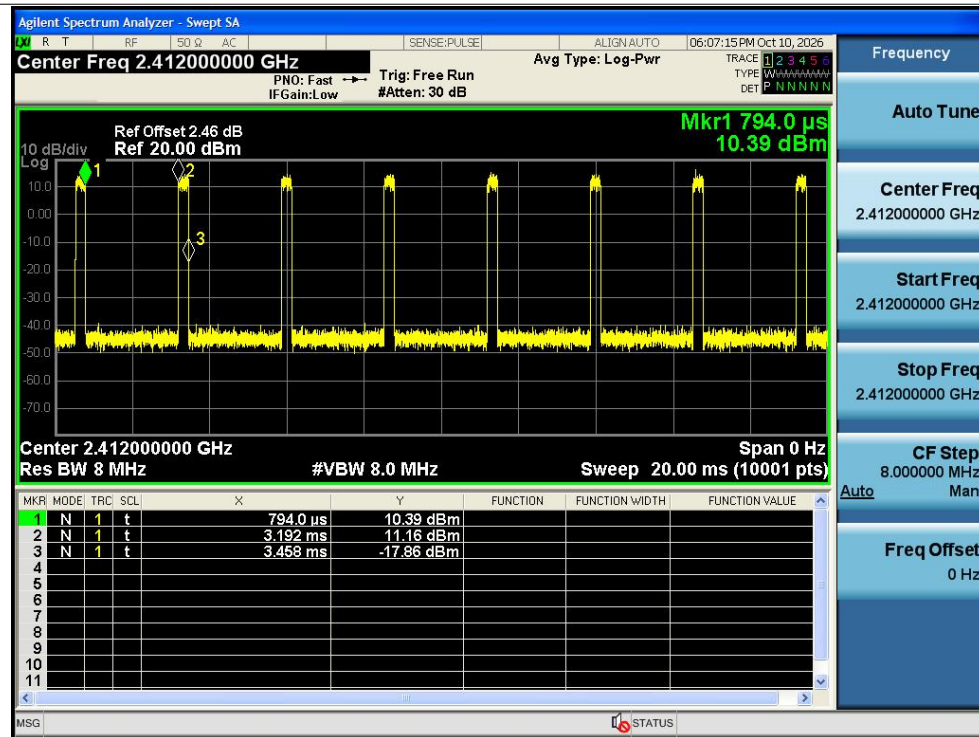
Duty Cycle NVNT n40 2437MHz Ant1



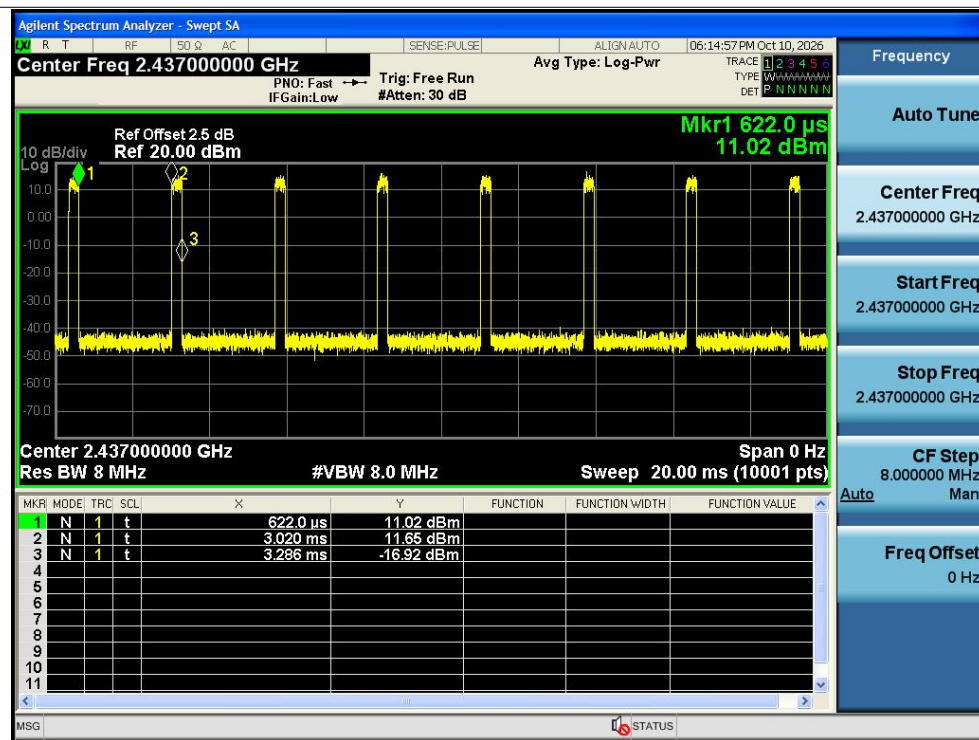
Duty Cycle NVNT n40 2452MHz Ant1



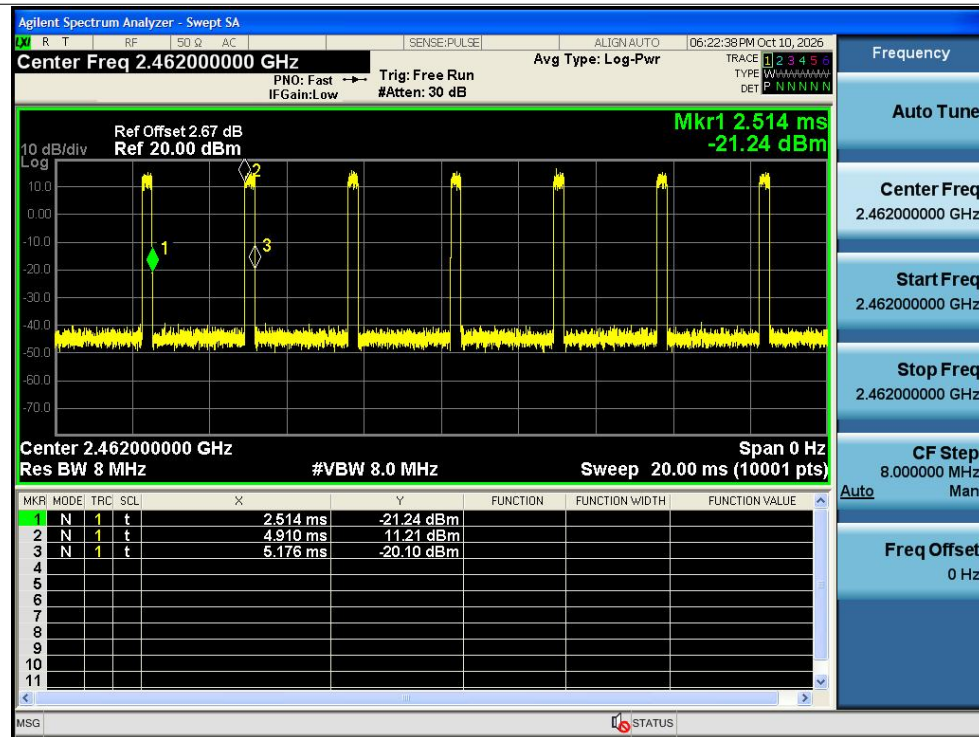
Duty Cycle NVNT ax20 2412MHz Ant1



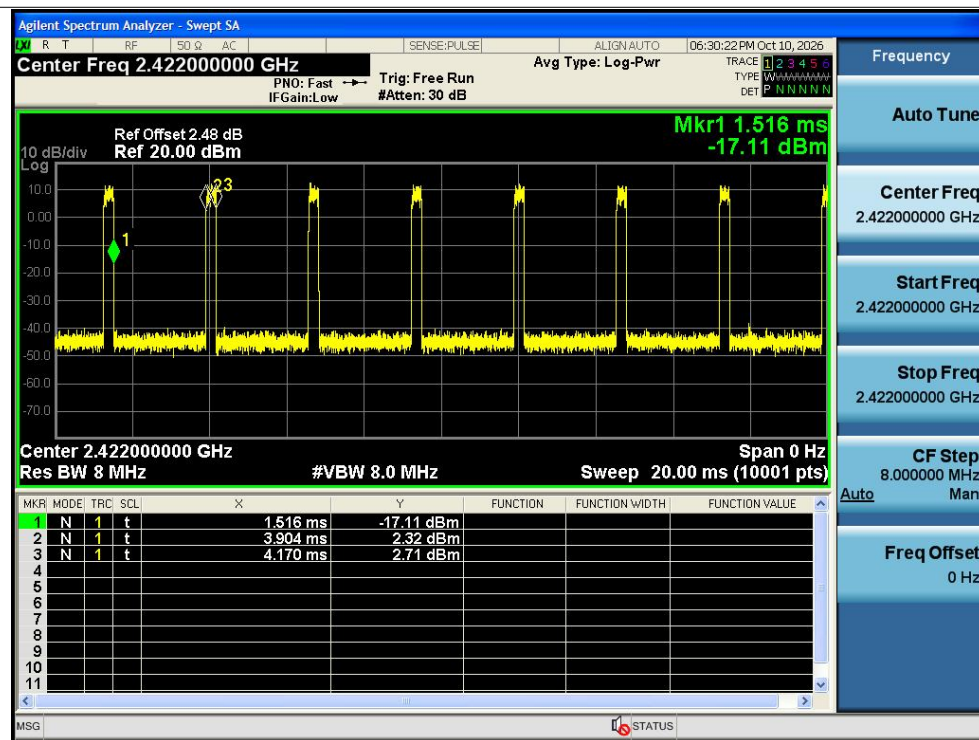
Duty Cycle NVNT ax20 2437MHz Ant1



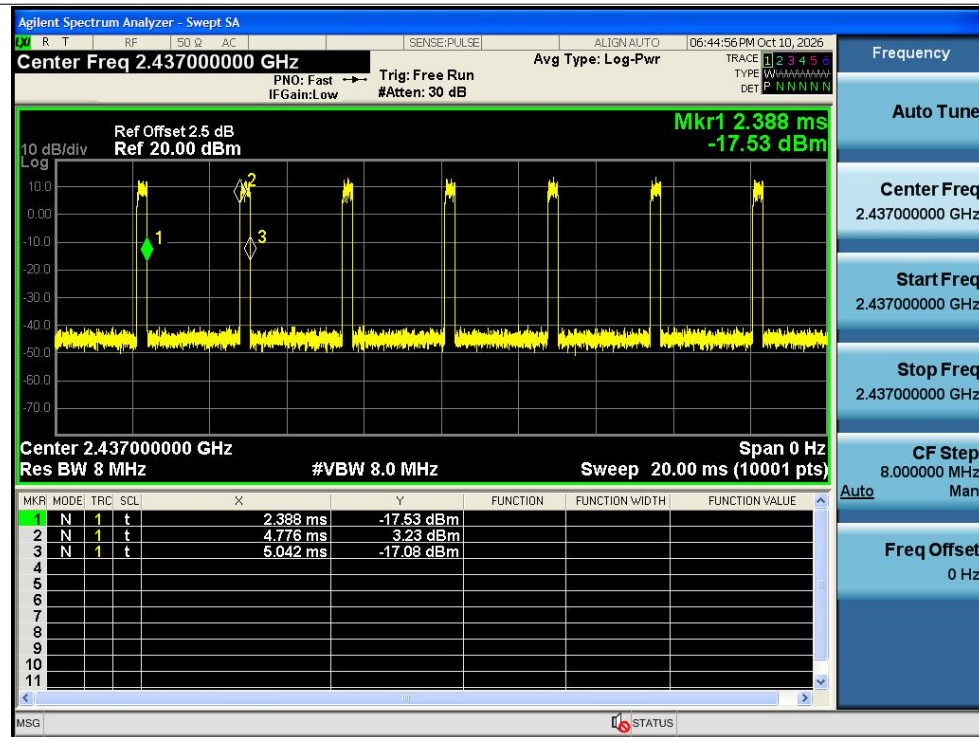
Duty Cycle NVNT ax20 2462MHz Ant1



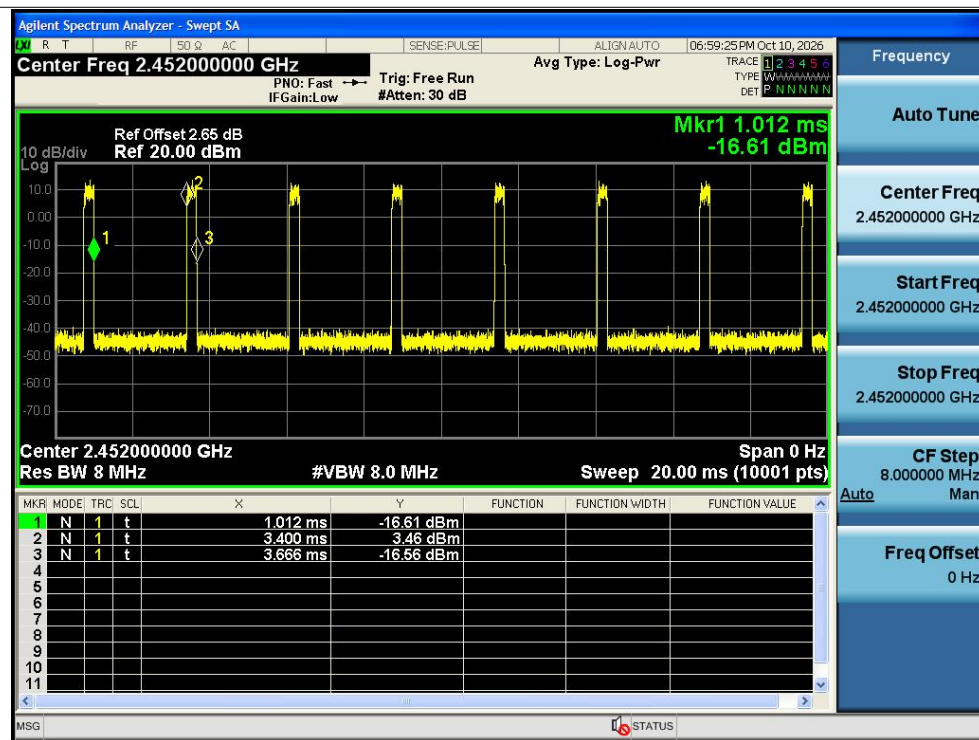
Duty Cycle NVNT ax40 2422MHz Ant1



Duty Cycle NVNT ax40 2437MHz Ant1



Duty Cycle NVNT ax40 2452MHz Ant1

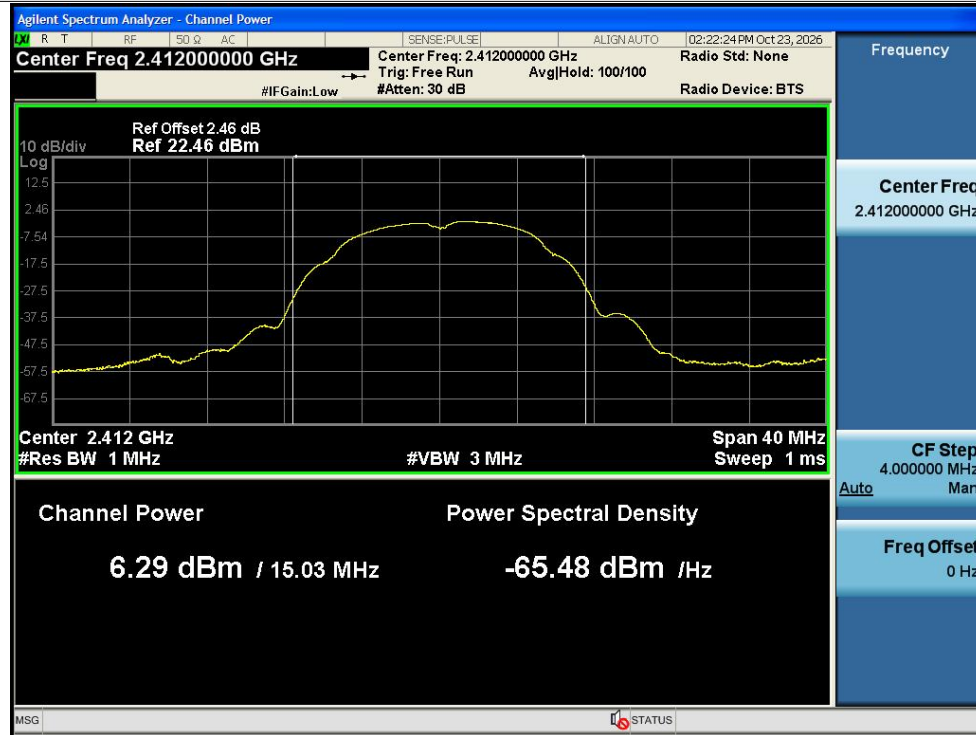


Maximum Conducted Output Power

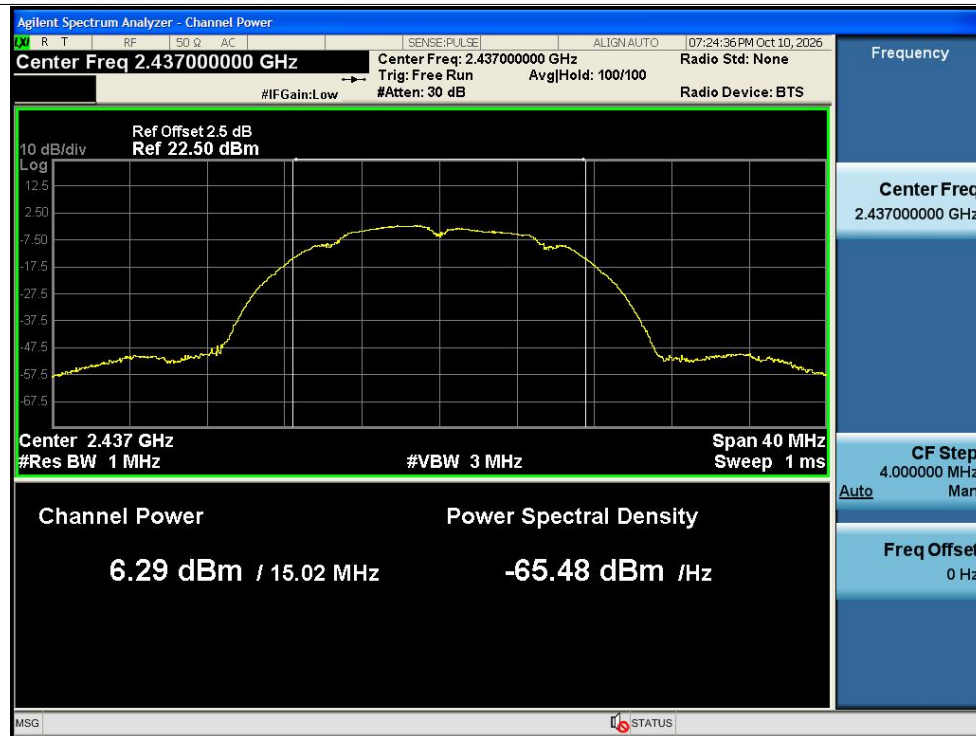
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	6.29	6.61	12.9	30	Pass
NVNT	b	2437	Ant1	6.29	6.6	12.89	30	Pass
NVNT	b	2462	Ant1	6.33	6.61	12.94	30	Pass
NVNT	g	2412	Ant1	3.18	9.6	12.78	30	Pass
NVNT	g	2437	Ant1	2.54	9.59	12.13	30	Pass
NVNT	g	2462	Ant1	2.37	9.59	11.96	30	Pass
NVNT	n20	2412	Ant1	2.63	9.36	11.99	30	Pass
NVNT	n20	2437	Ant1	3.07	9.33	12.4	30	Pass
NVNT	n20	2462	Ant1	3.01	9.33	12.34	30	Pass
NVNT	n40	2422	Ant1	2.59	9.54	12.13	30	Pass
NVNT	n40	2437	Ant1	2.91	9.53	12.44	30	Pass
NVNT	n40	2452	Ant1	2.44	9.56	12	30	Pass
NVNT	ax20	2412	Ant1	2.56	10.01	12.57	30	Pass
NVNT	ax20	2437	Ant1	2.17	10.01	12.18	30	Pass
NVNT	ax20	2462	Ant1	2.47	10	12.47	30	Pass
NVNT	ax40	2422	Ant1	2.76	9.99	12.75	30	Pass
NVNT	ax40	2437	Ant1	2.57	9.99	12.56	30	Pass
NVNT	ax40	2452	Ant1	1.77	9.99	11.76	30	Pass

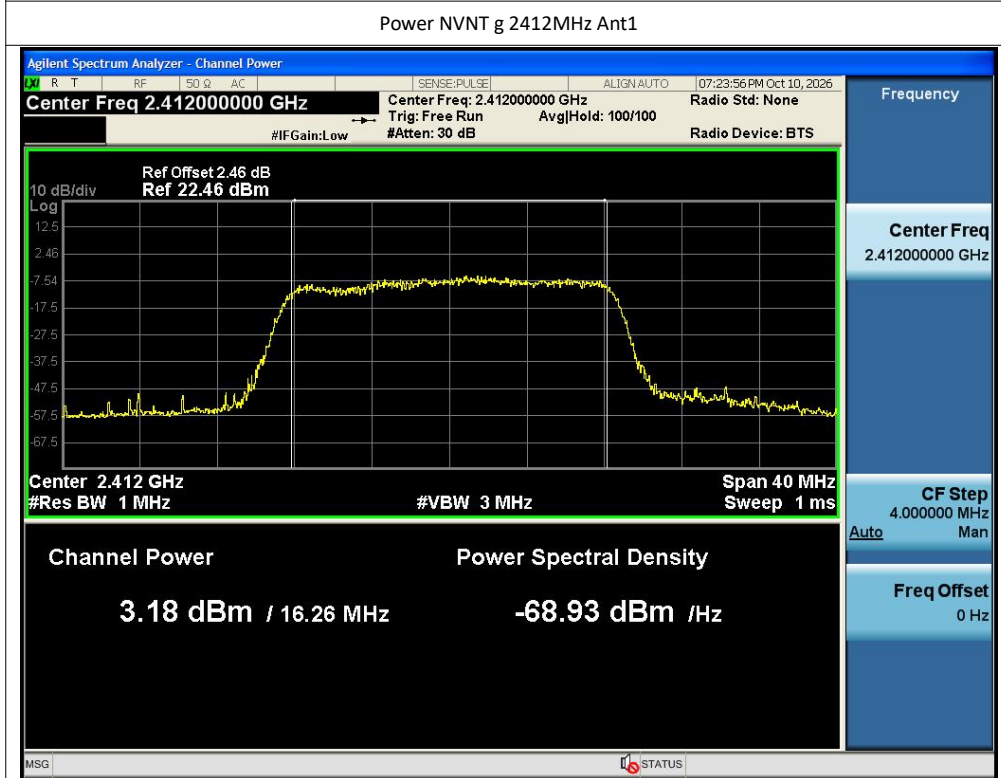
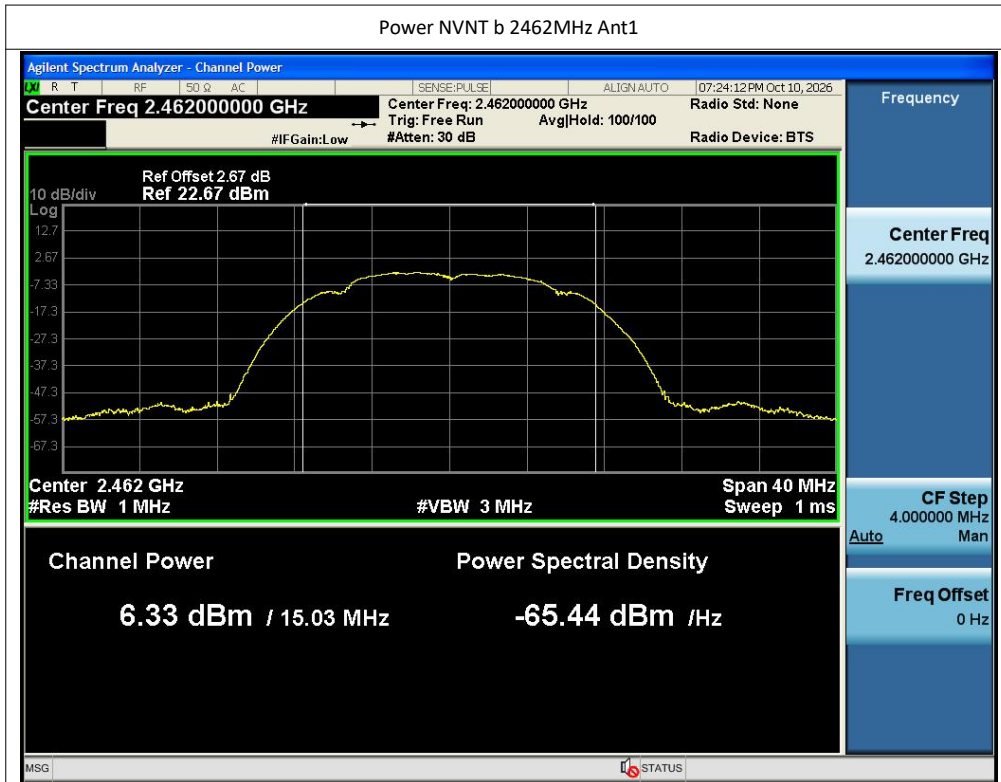
Test Graphs

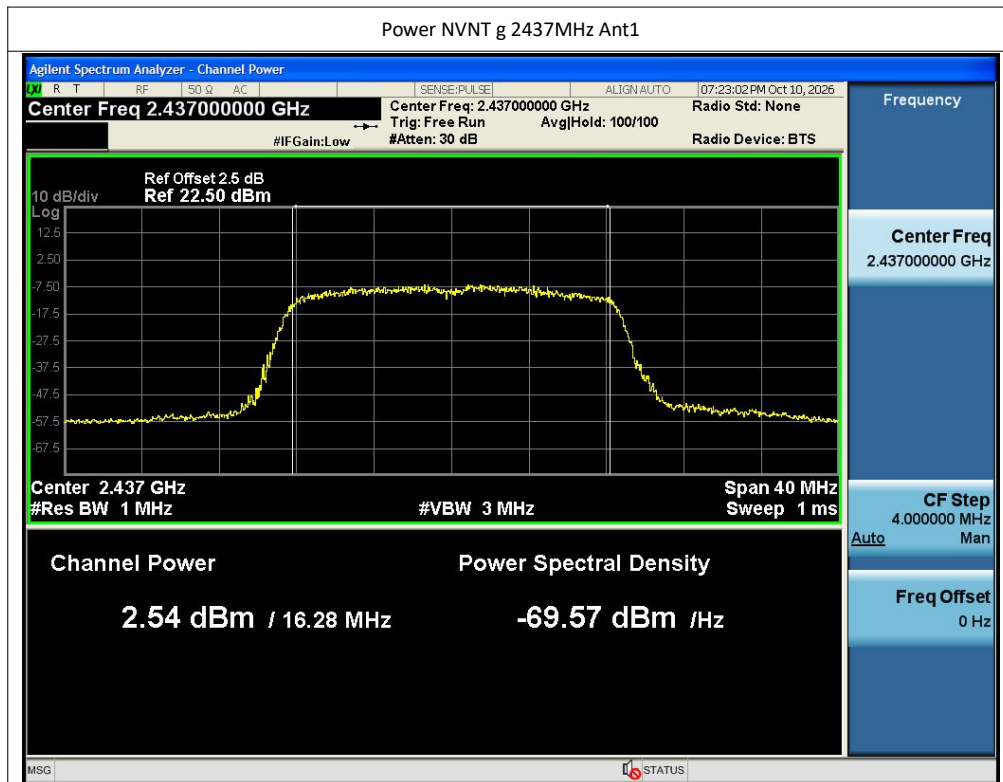
Power NVNT b 2412MHz Ant1

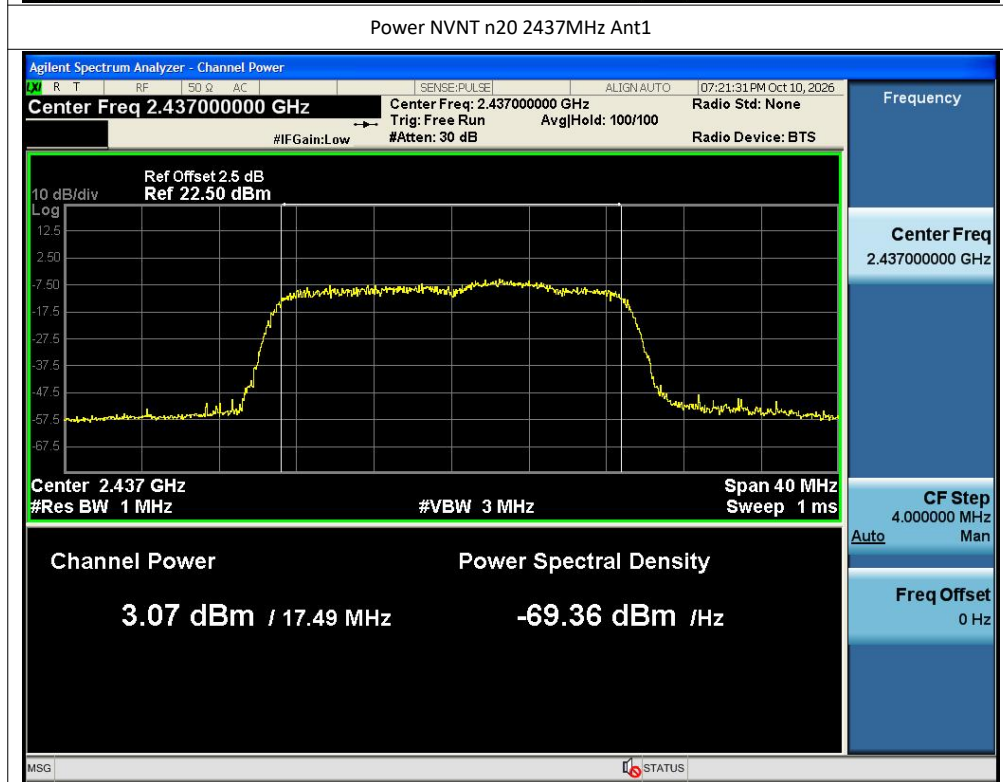
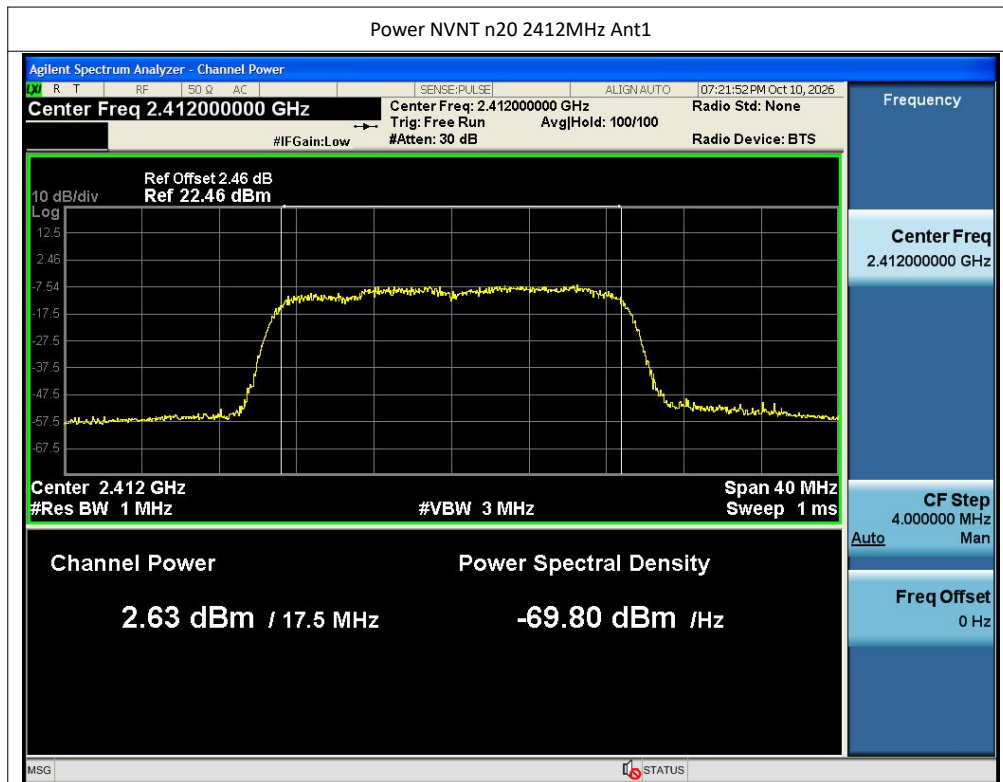


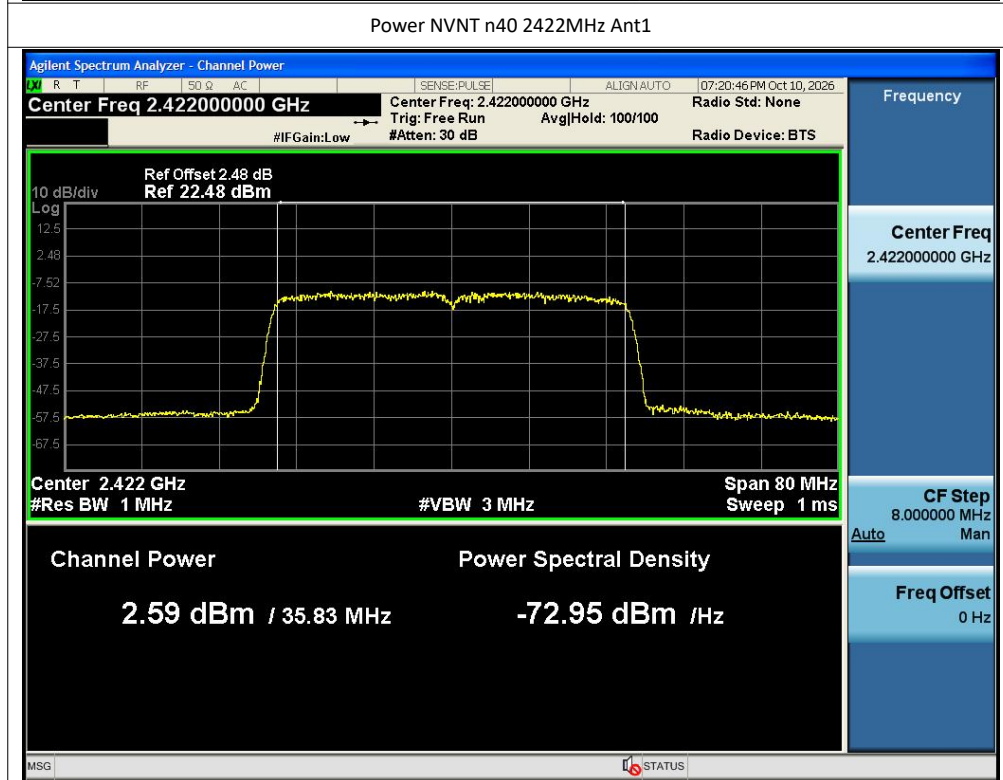
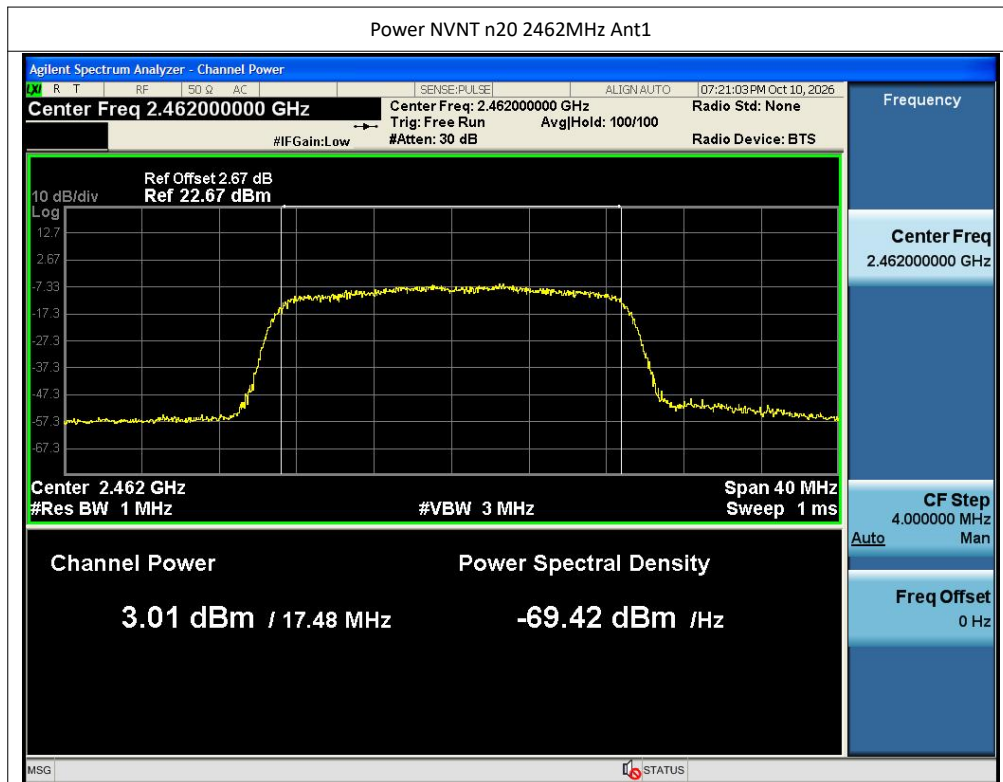
Power NVNT b 2437MHz Ant1

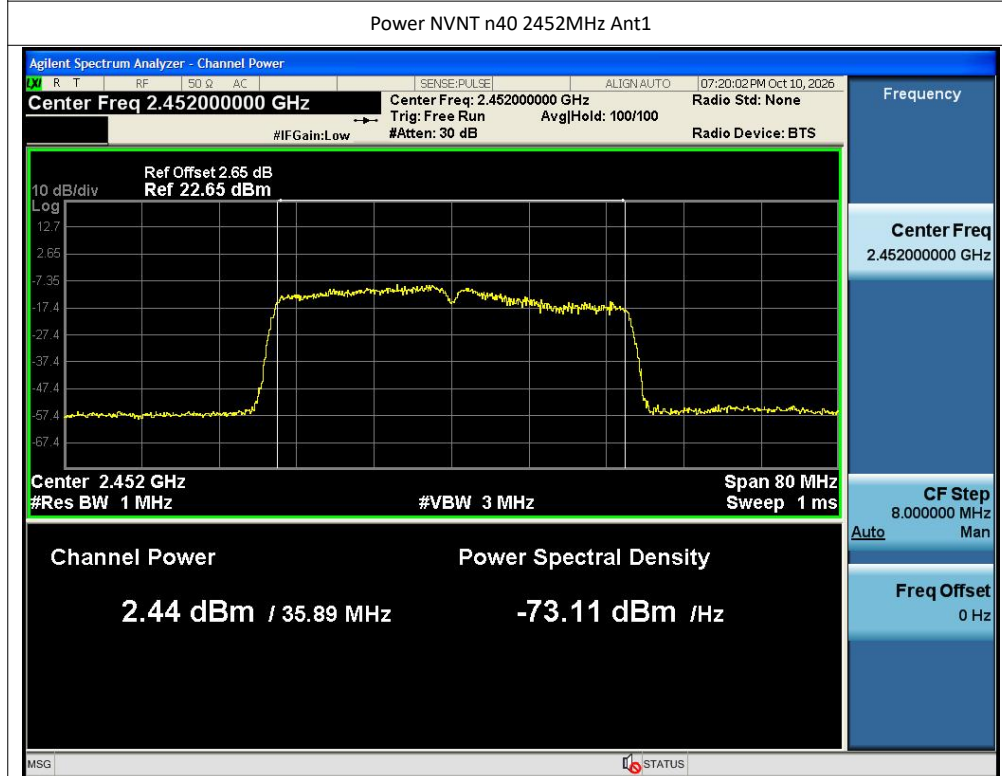
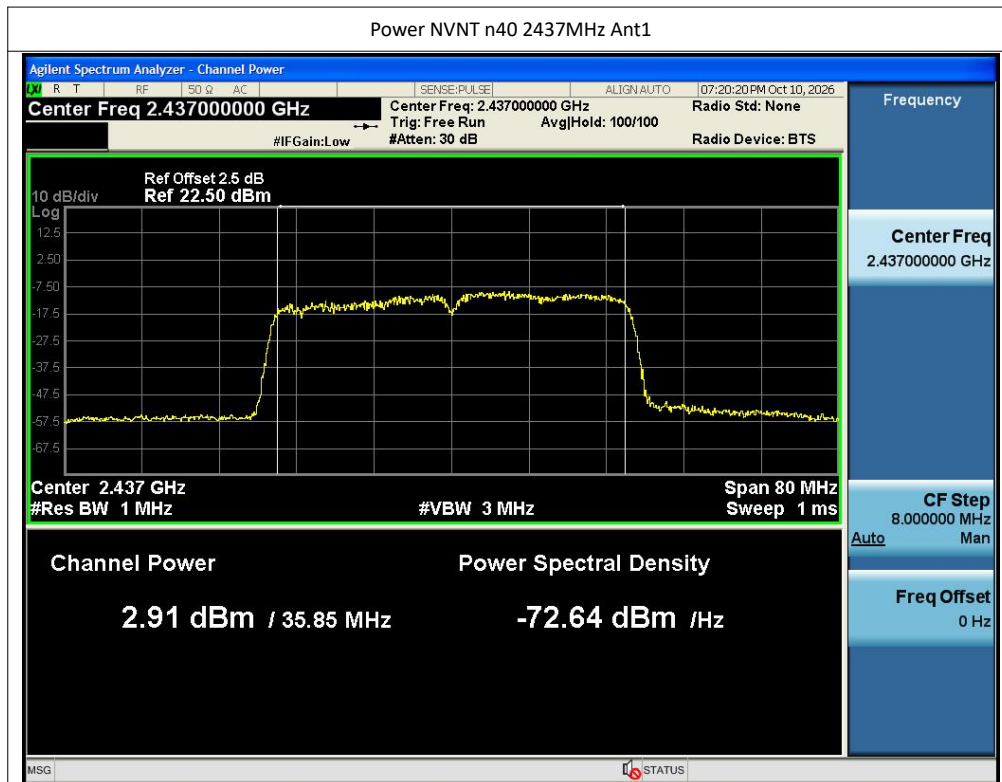


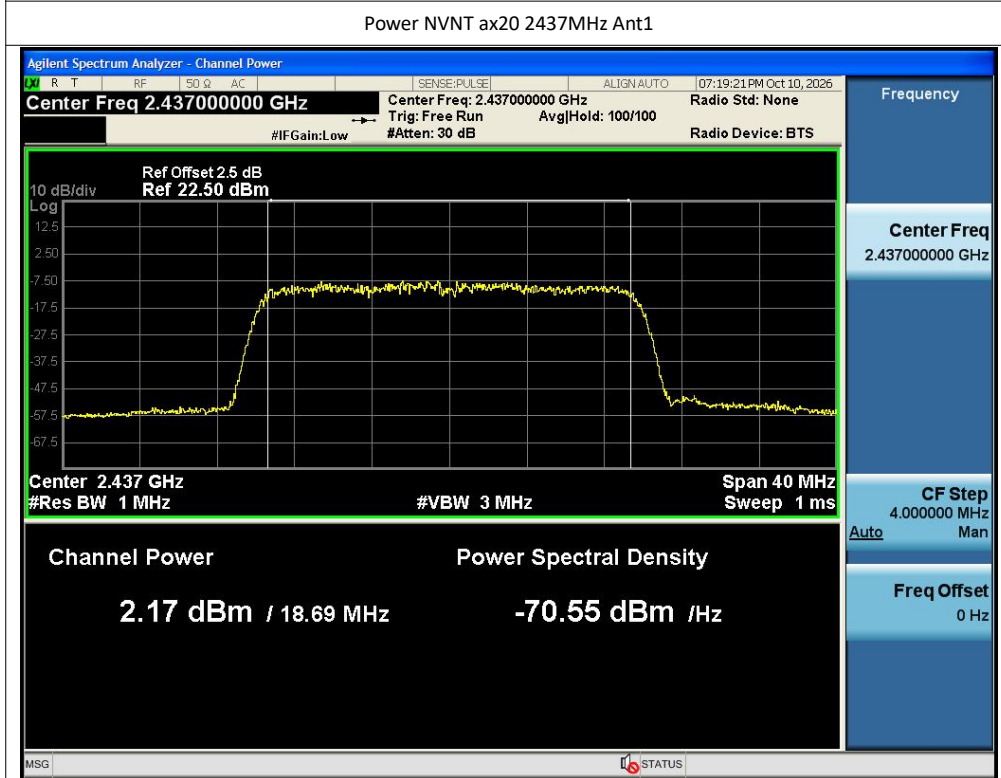
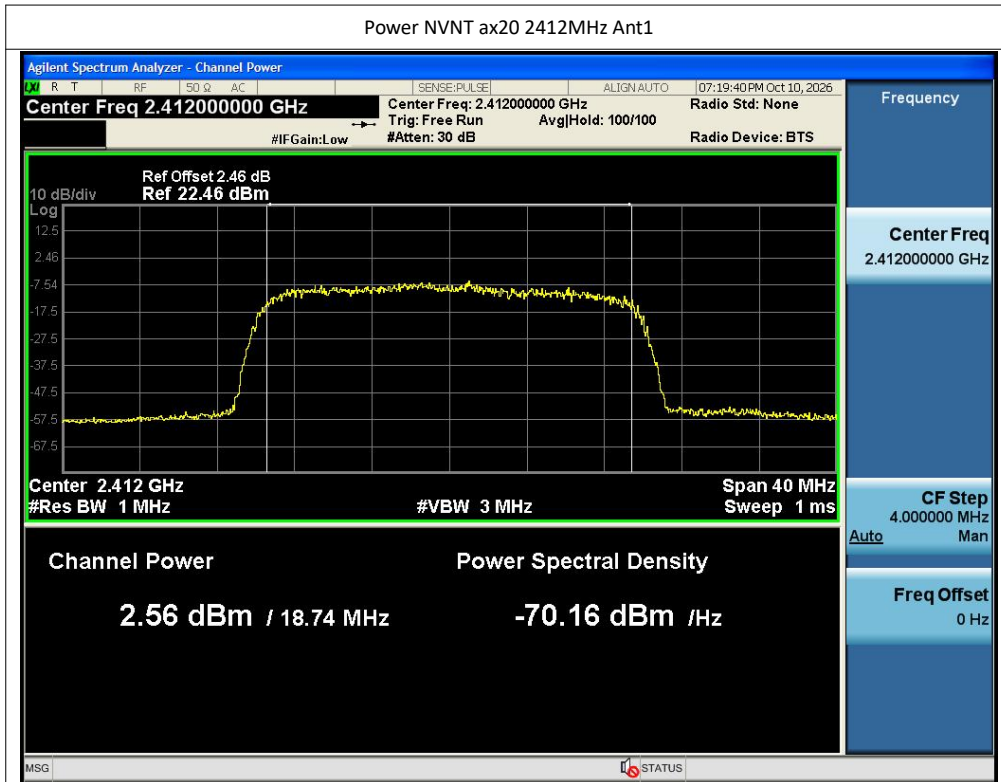


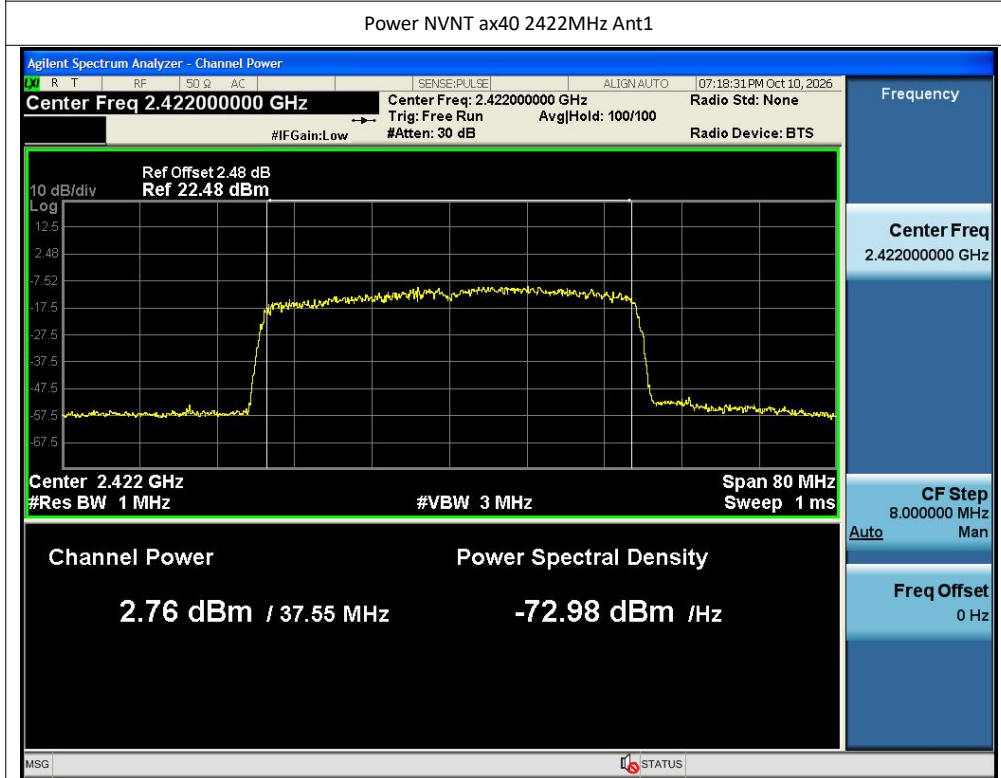
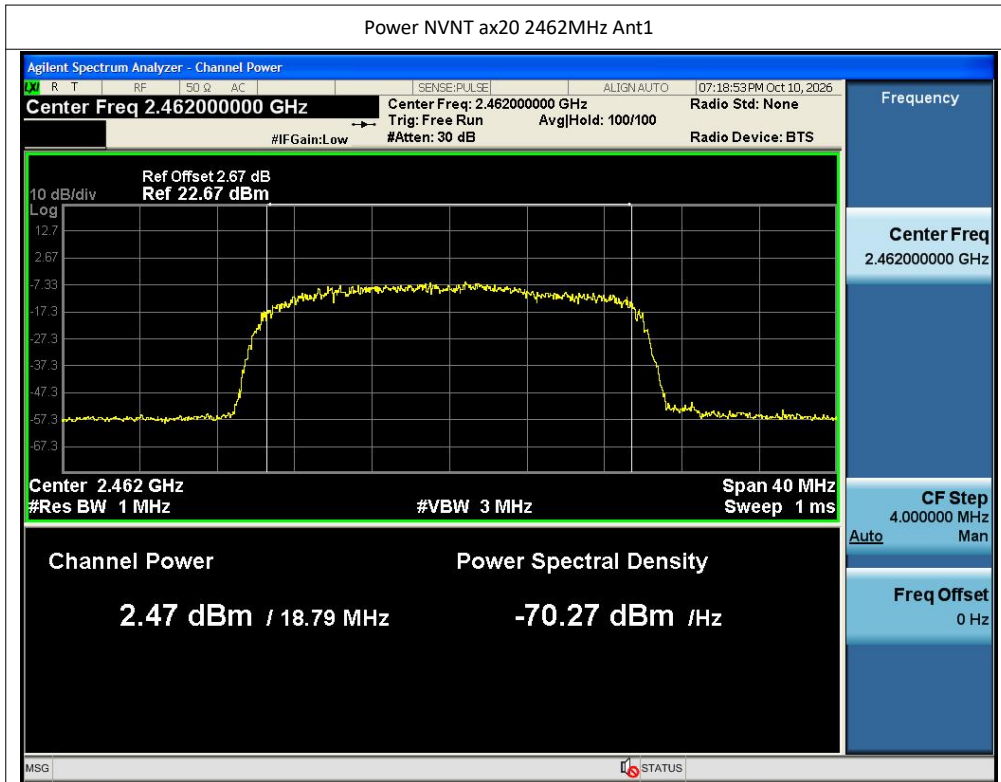


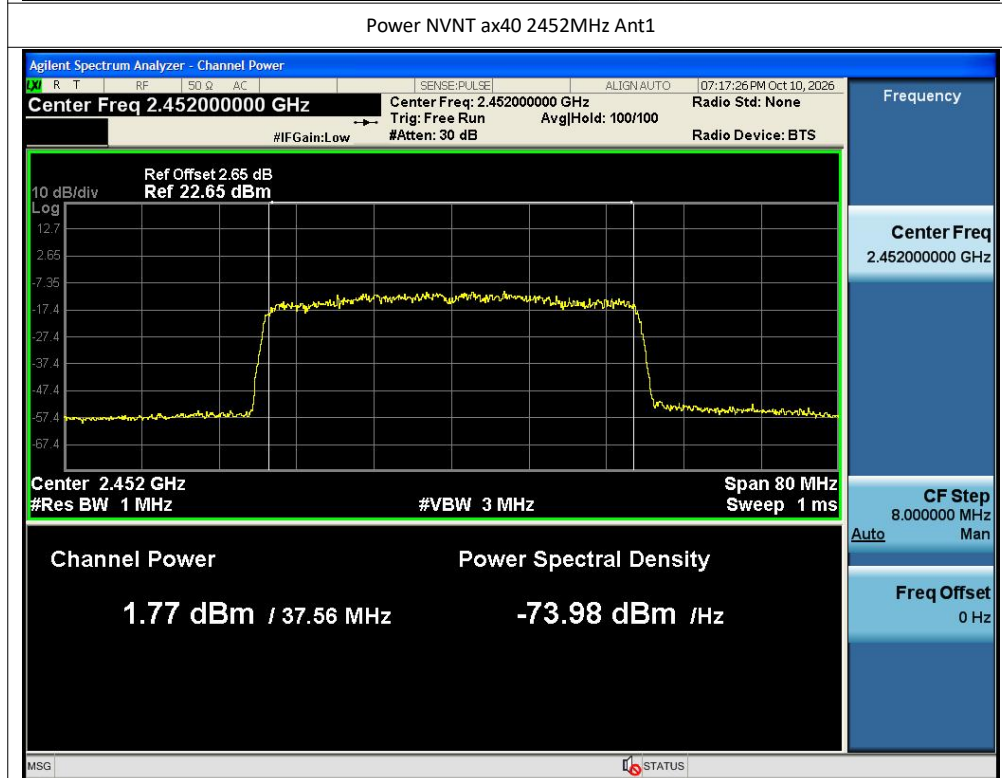
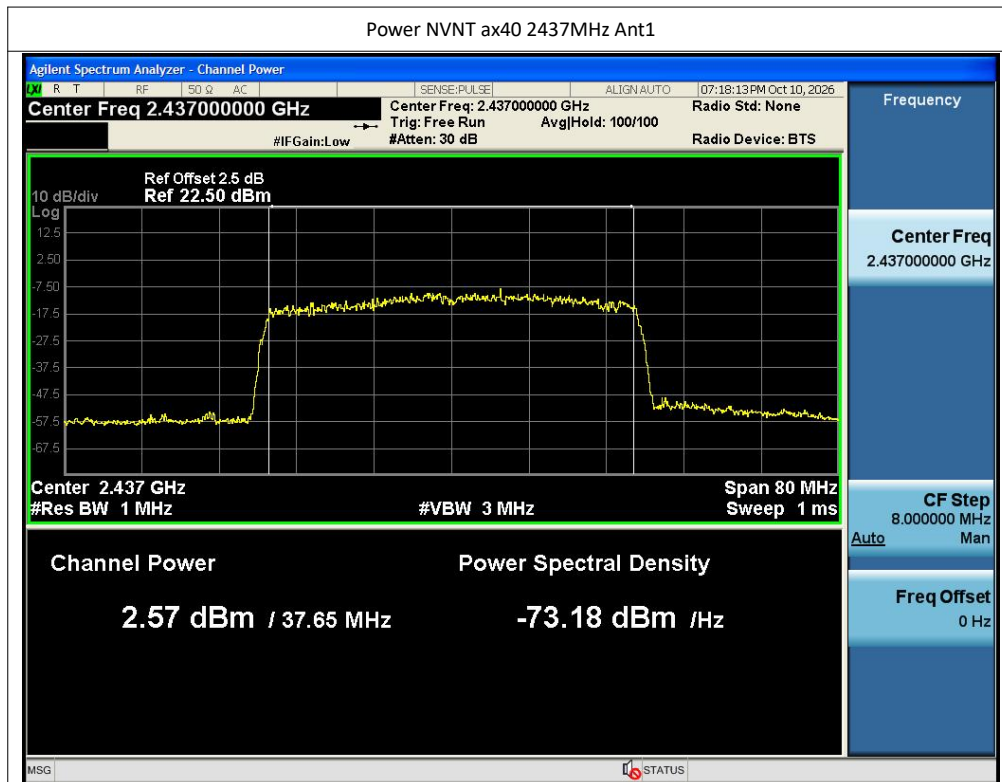










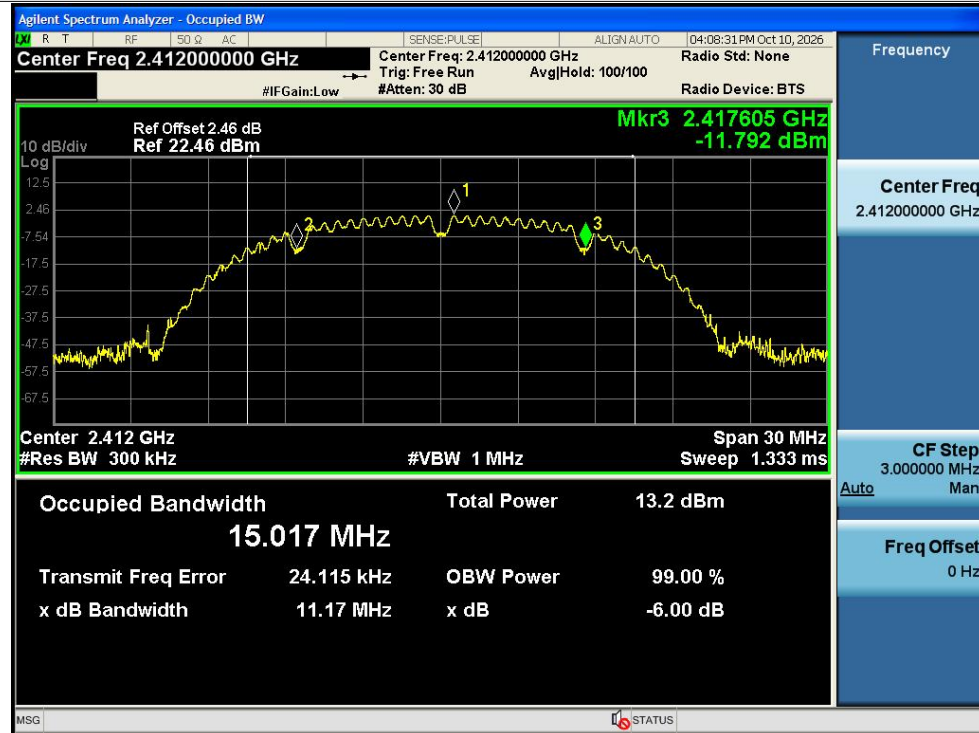


-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	11.17	0.5	Pass
NVNT	b	2437	Ant1	10.27	0.5	Pass
NVNT	b	2462	Ant1	11.18	0.5	Pass
NVNT	g	2412	Ant1	16.21	0.5	Pass
NVNT	g	2437	Ant1	15.99	0.5	Pass
NVNT	g	2462	Ant1	15.93	0.5	Pass
NVNT	n20	2412	Ant1	17.39	0.5	Pass
NVNT	n20	2437	Ant1	17.34	0.5	Pass
NVNT	n20	2462	Ant1	17.05	0.5	Pass
NVNT	n40	2422	Ant1	35.79	0.5	Pass
NVNT	n40	2437	Ant1	35.48	0.5	Pass
NVNT	n40	2452	Ant1	35.72	0.5	Pass
NVNT	ax20	2412	Ant1	16.46	0.5	Pass
NVNT	ax20	2437	Ant1	18.2	0.5	Pass
NVNT	ax20	2462	Ant1	18.49	0.5	Pass
NVNT	ax40	2422	Ant1	36.88	0.5	Pass
NVNT	ax40	2437	Ant1	37.73	0.5	Pass
NVNT	ax40	2452	Ant1	37.21	0.5	Pass

Test Graphs

-6dB Bandwidth NVNT b 2412MHz Ant1



-6dB Bandwidth NVNT b 2437MHz Ant1



