

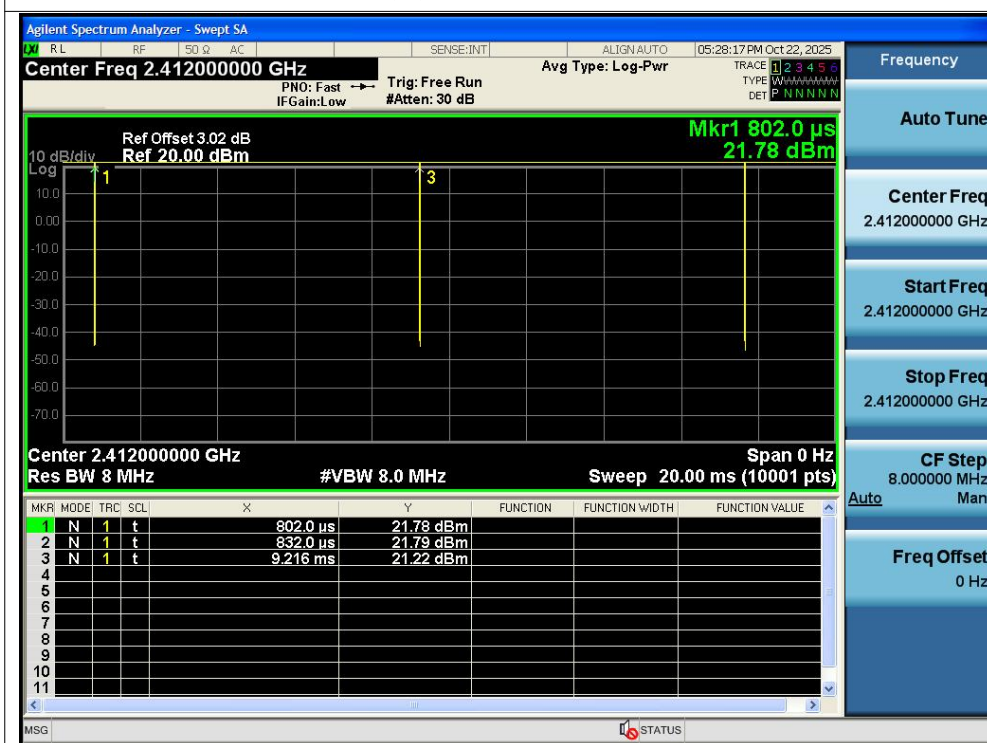
Appendix A 2.4GWIFI

Duty Cycle

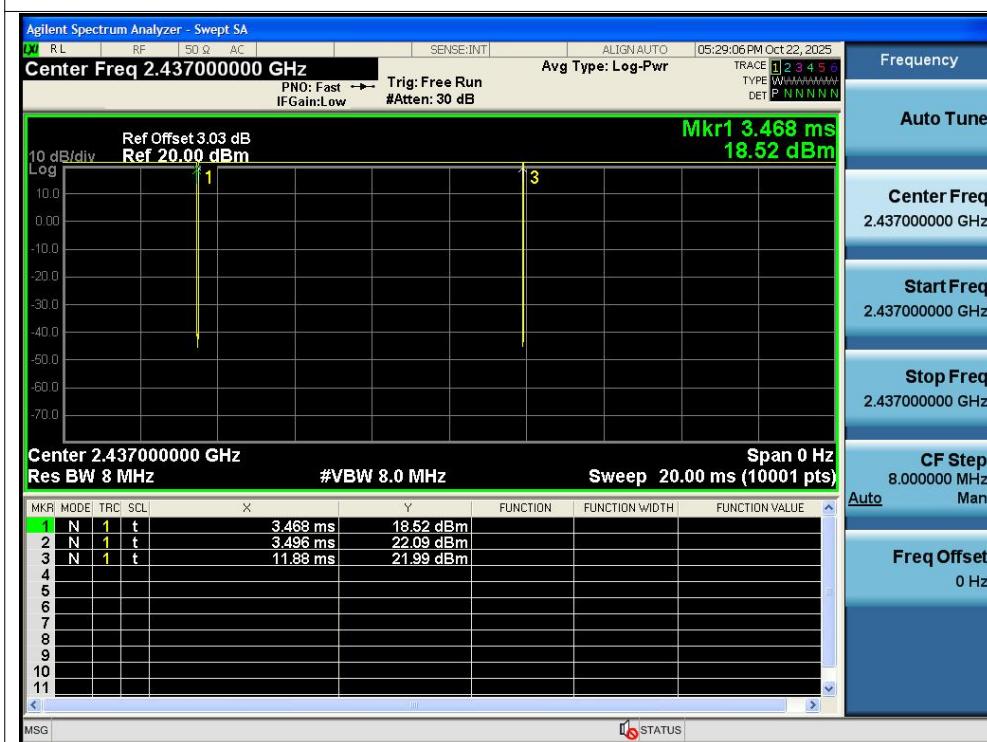
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	99.64	0.02	0.12
NVNT	b	2437	Ant1	99.67	0.01	0.12
NVNT	b	2462	Ant1	99.67	0.01	0.12
NVNT	g	2412	Ant1	97.62	0.1	0.72
NVNT	g	2437	Ant1	97.48	0.11	0.72
NVNT	g	2462	Ant1	97.48	0.11	0.72
NVNT	n20	2412	Ant1	97.46	0.11	0.77
NVNT	n20	2437	Ant1	97.31	0.12	0.77
NVNT	n20	2462	Ant1	97.31	0.12	0.77
NVNT	n40	2422	Ant1	95.31	0.21	1.54
NVNT	n40	2437	Ant1	95.03	0.22	1.54
NVNT	n40	2452	Ant1	95.03	0.22	1.54

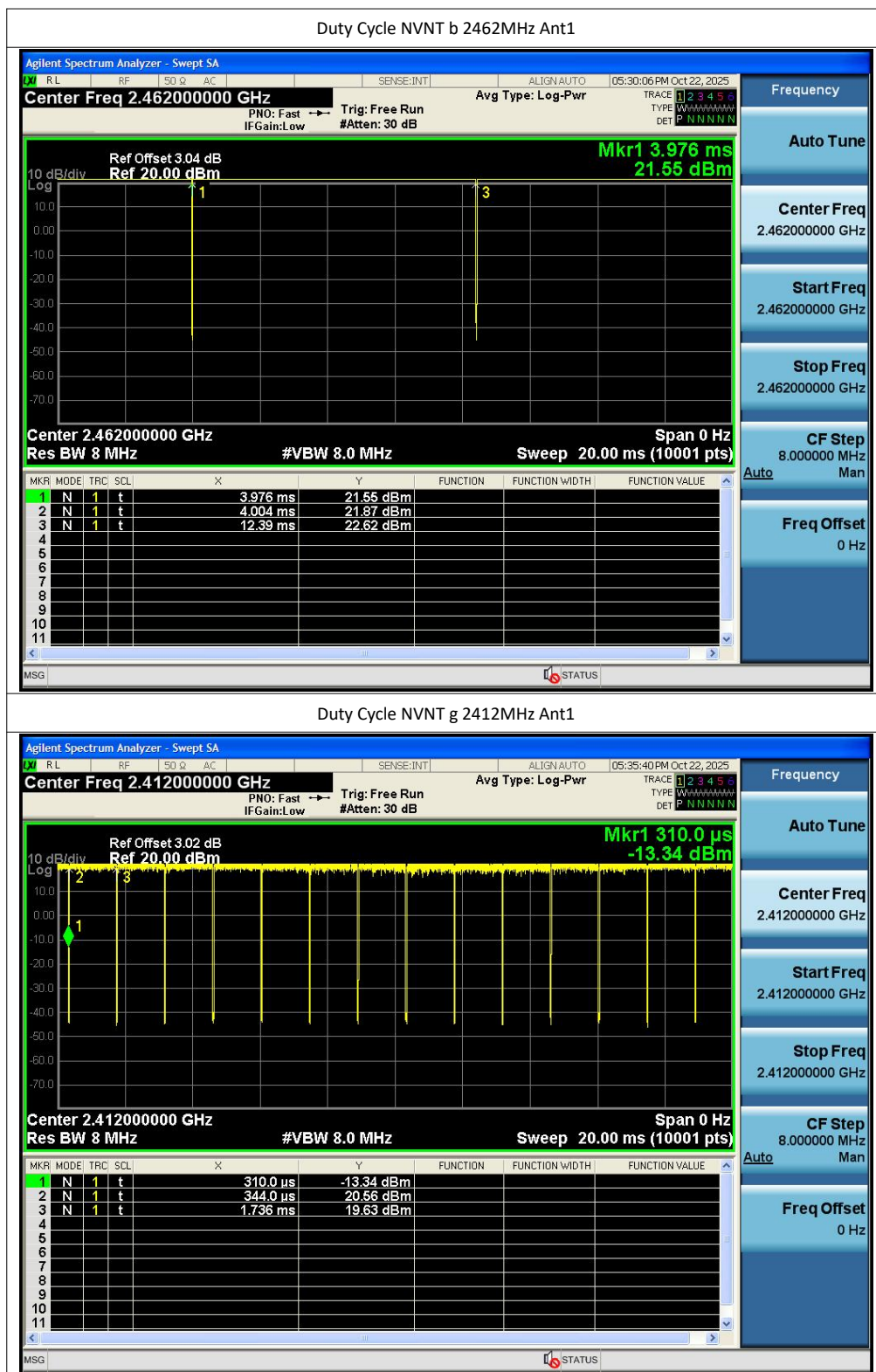
Test Graphs

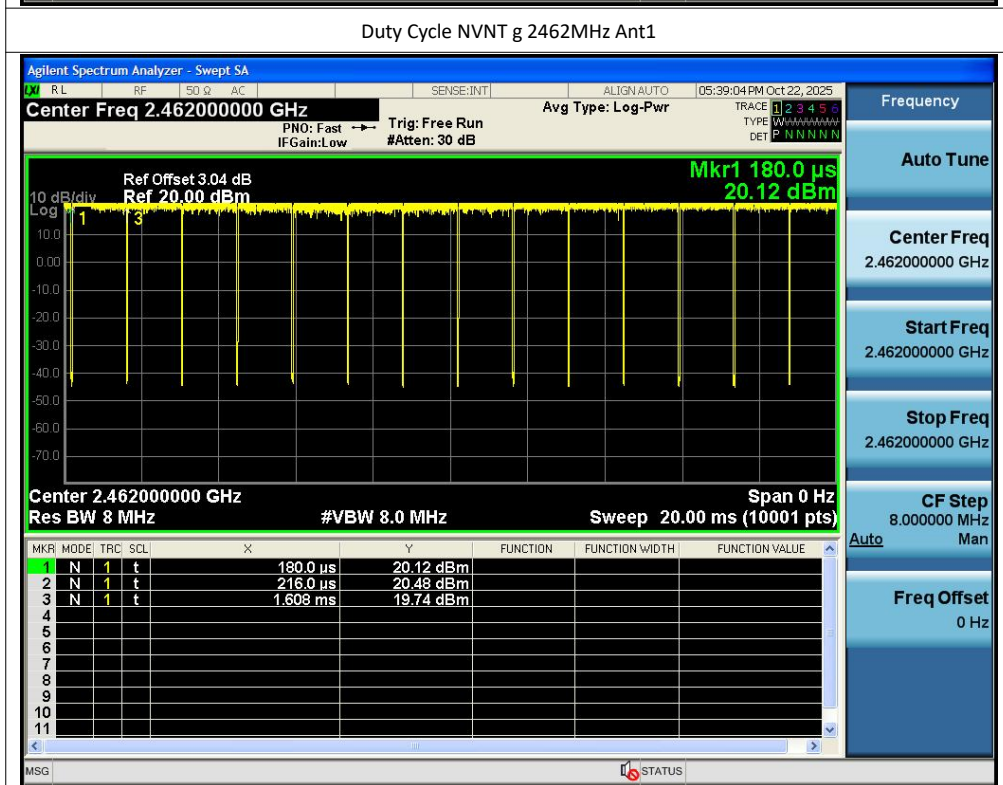
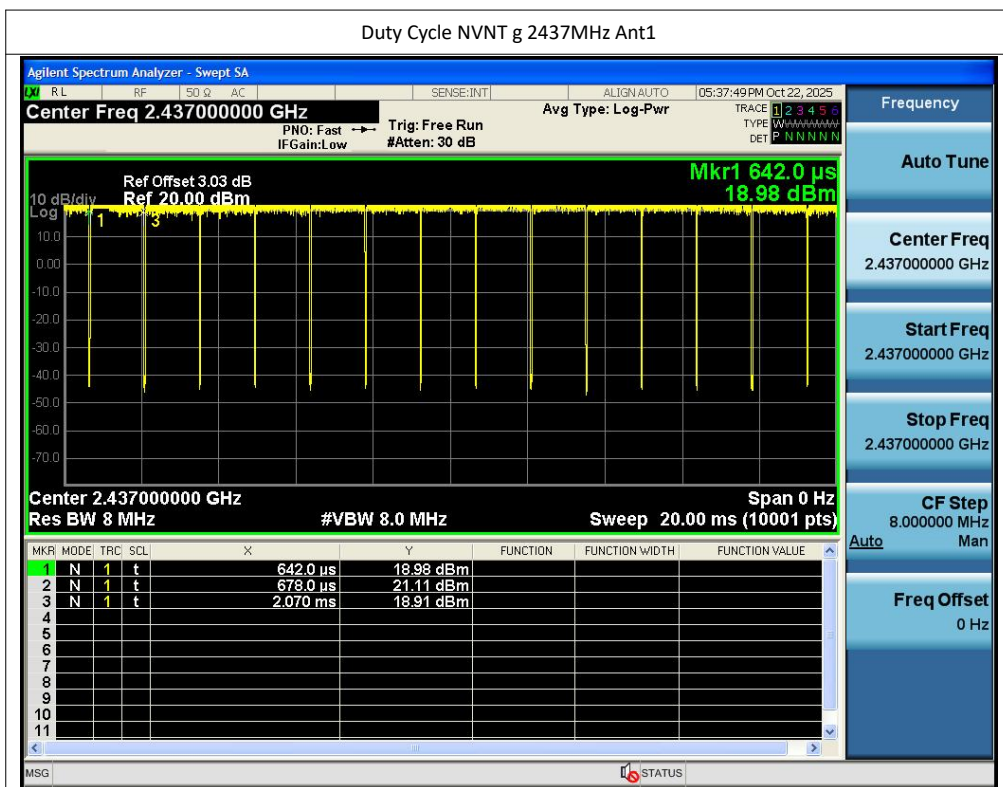
Duty Cycle NVNT b 2412MHz Ant1

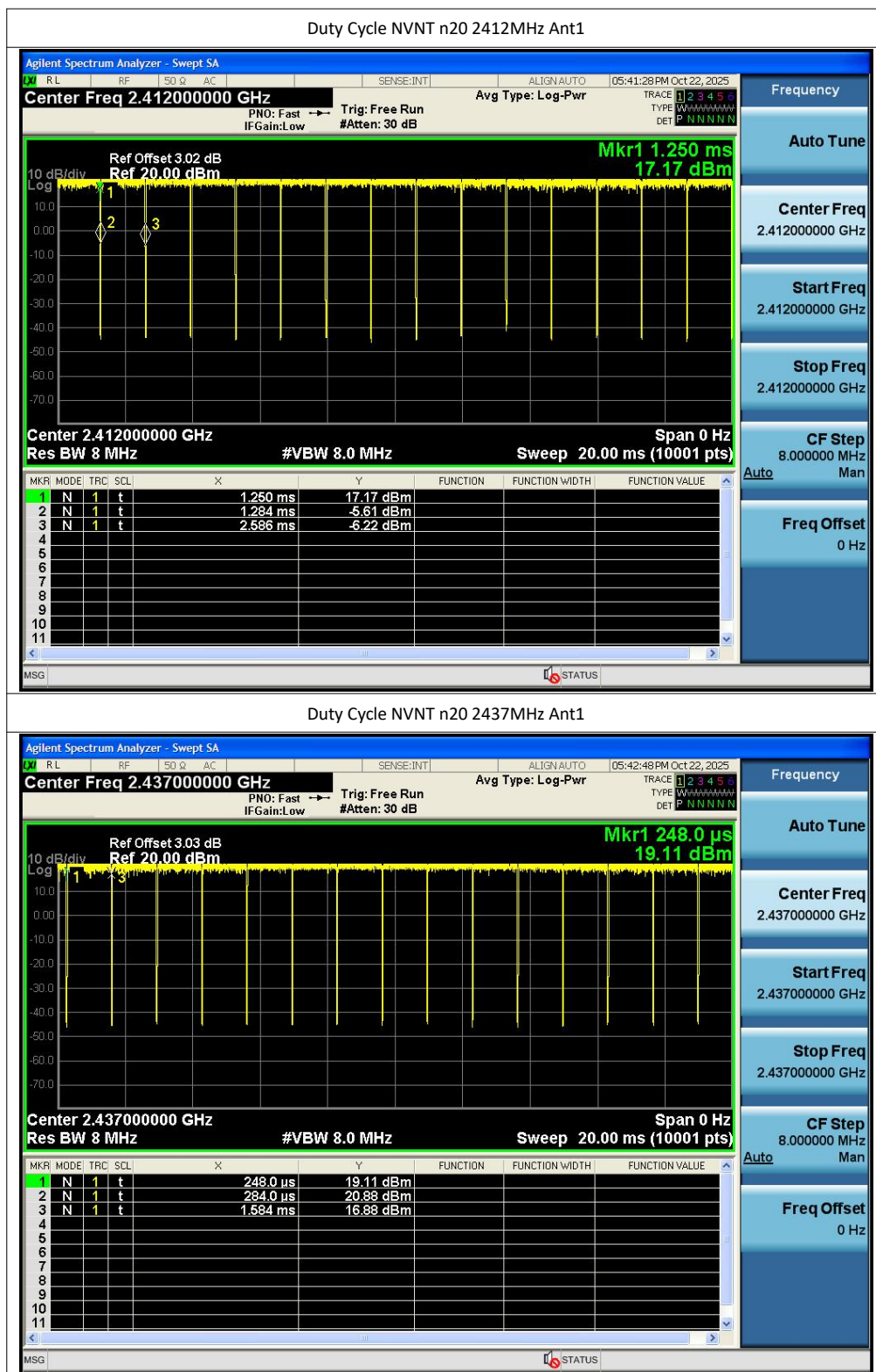


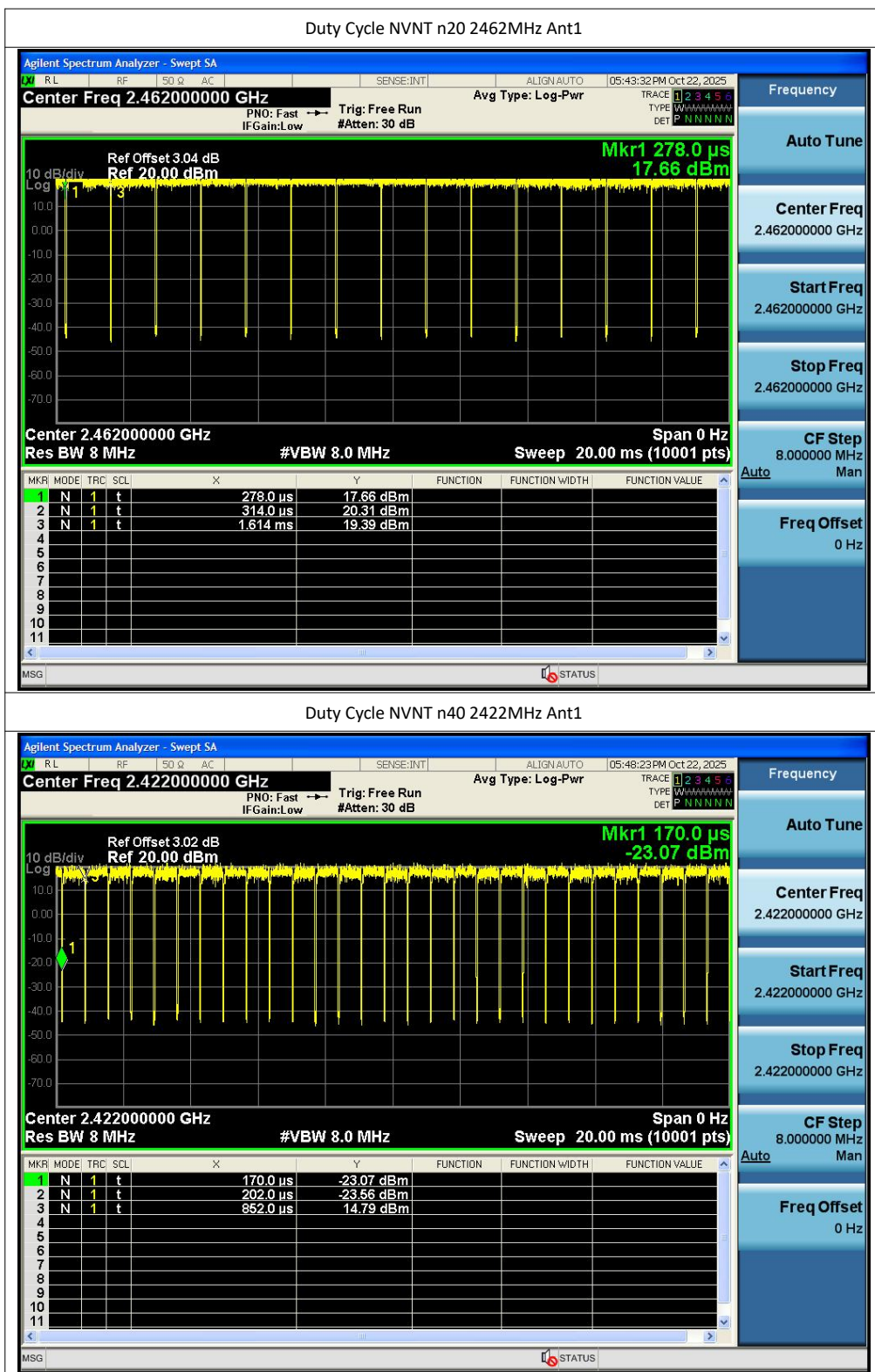
Duty Cycle NVNT b 2437MHz Ant1

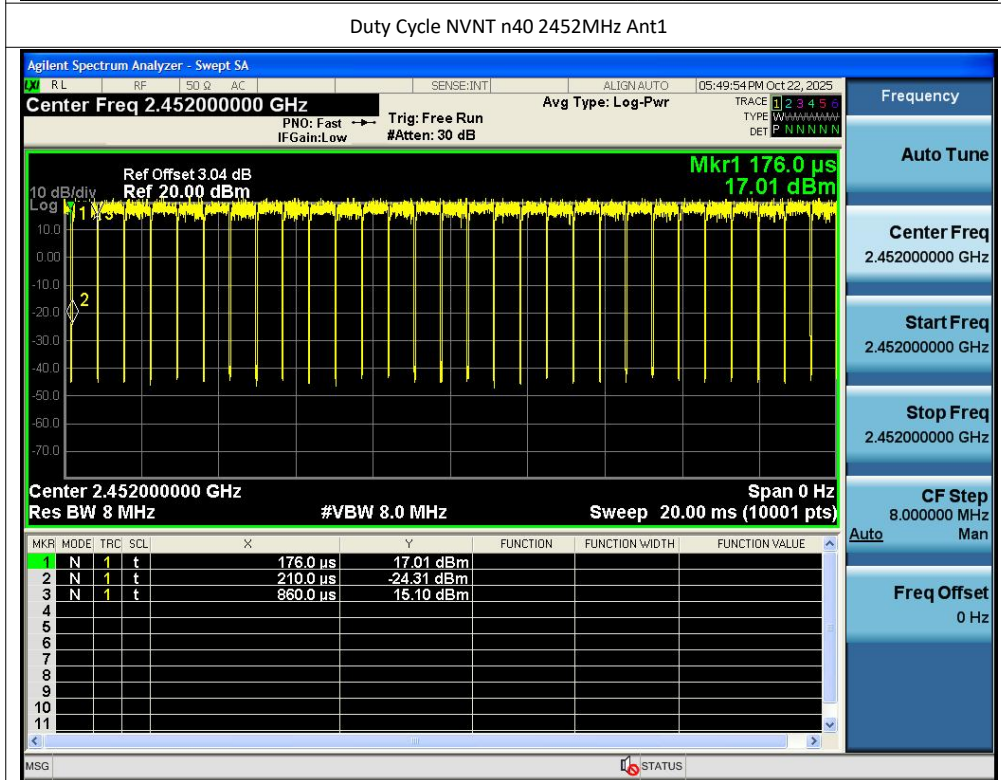
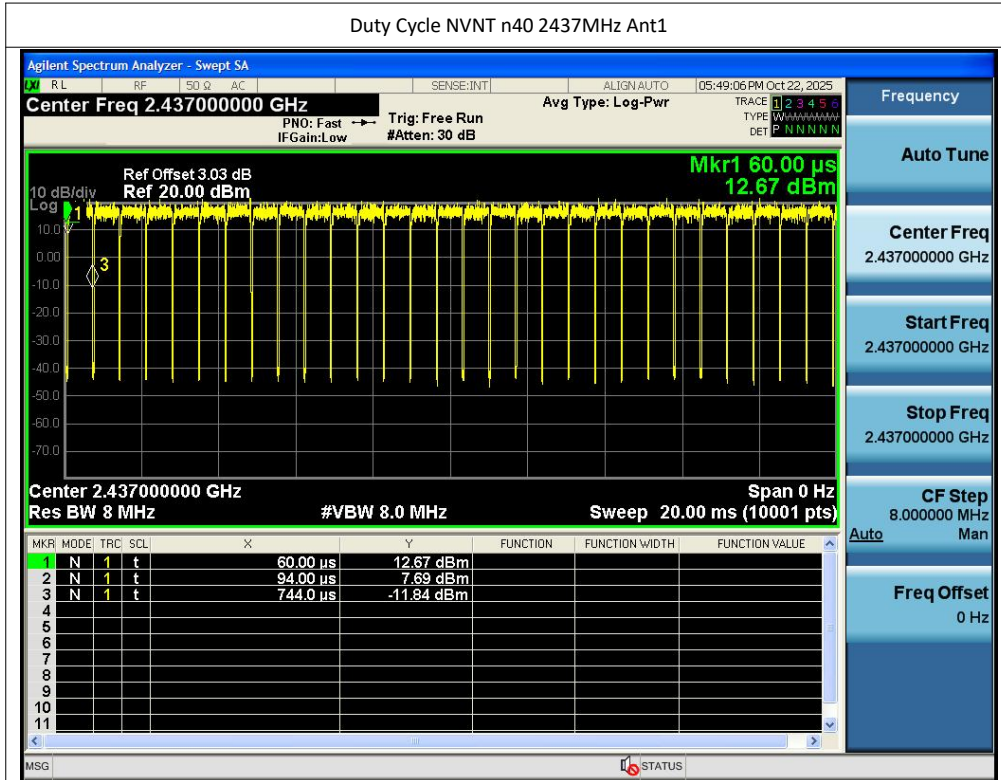










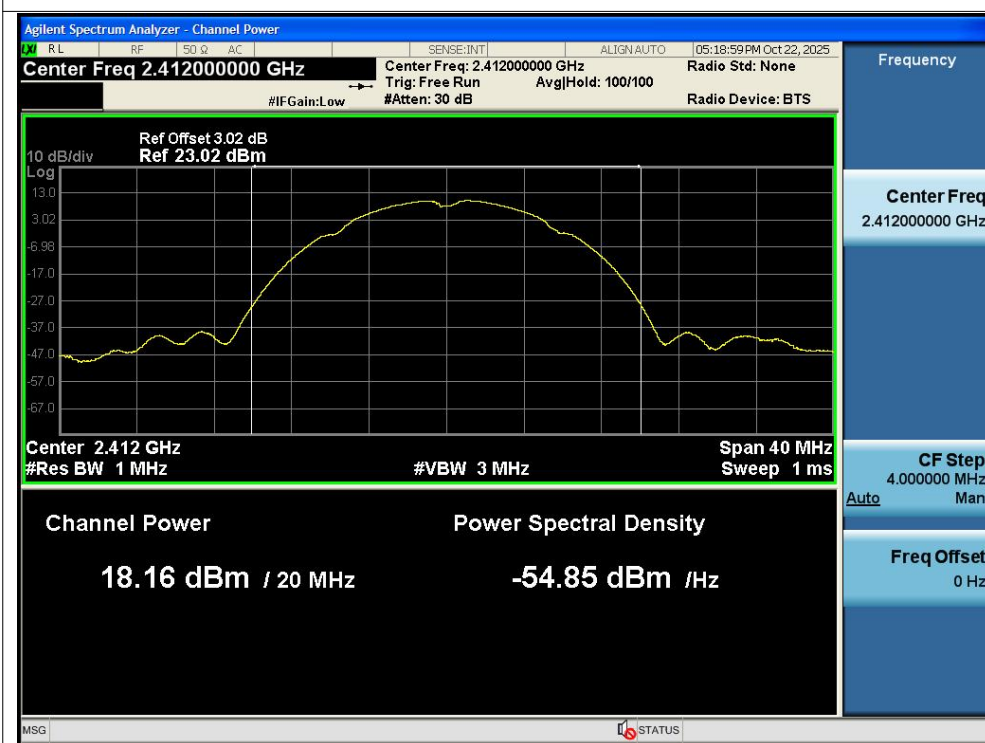


Maximum Conducted Output Power

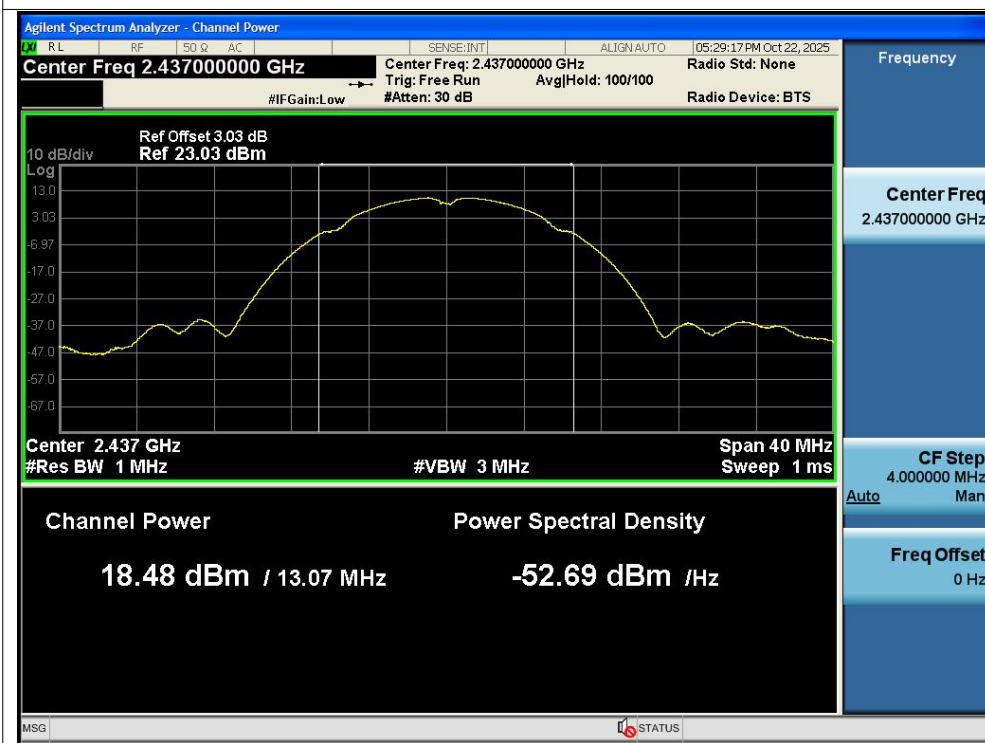
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	18.16	0.02	18.18	30	Pass
NVNT	b	2437	Ant1	18.48	0.01	18.49	30	Pass
NVNT	b	2462	Ant1	18.32	0.01	18.33	30	Pass
NVNT	g	2412	Ant1	18.02	0.1	18.12	30	Pass
NVNT	g	2437	Ant1	17.99	0.11	18.1	30	Pass
NVNT	g	2462	Ant1	17.9	0.11	18.01	30	Pass
NVNT	n20	2412	Ant1	17.9	0.11	18.01	30	Pass
NVNT	n20	2437	Ant1	17.91	0.12	18.03	30	Pass
NVNT	n20	2462	Ant1	17.81	0.12	17.93	30	Pass
NVNT	n40	2422	Ant1	17.14	0.21	17.35	30	Pass
NVNT	n40	2437	Ant1	16.97	0.22	17.19	30	Pass
NVNT	n40	2452	Ant1	17.05	0.22	17.27	30	Pass

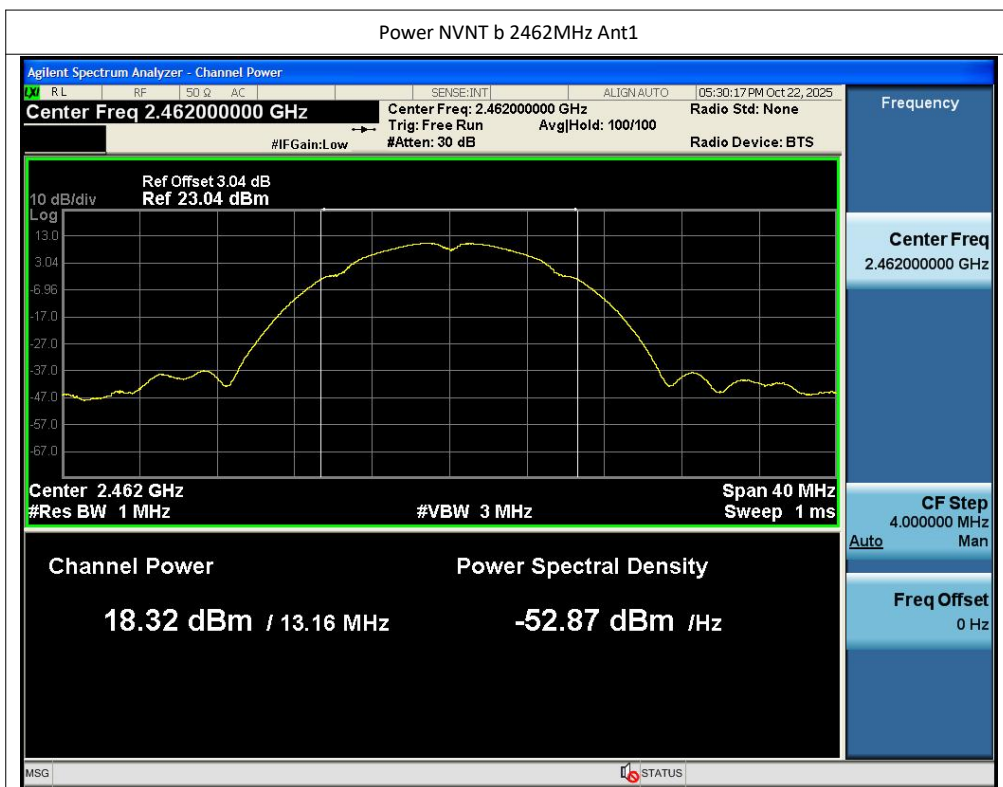
Test Graphs

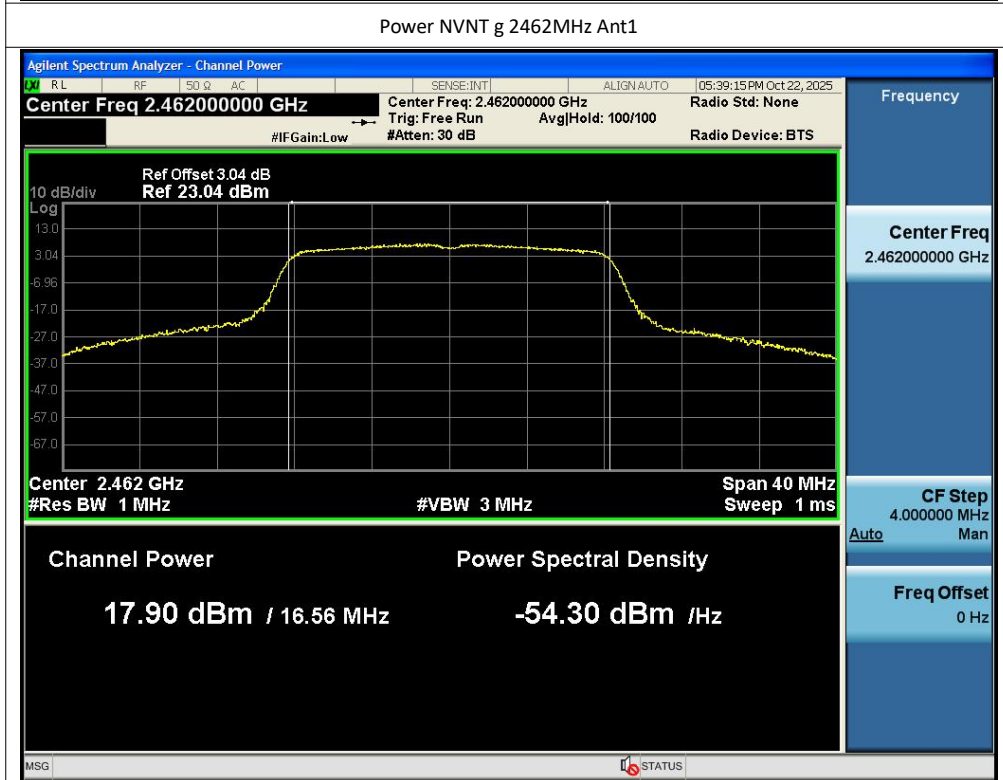
Power NVNT b 2412MHz Ant1

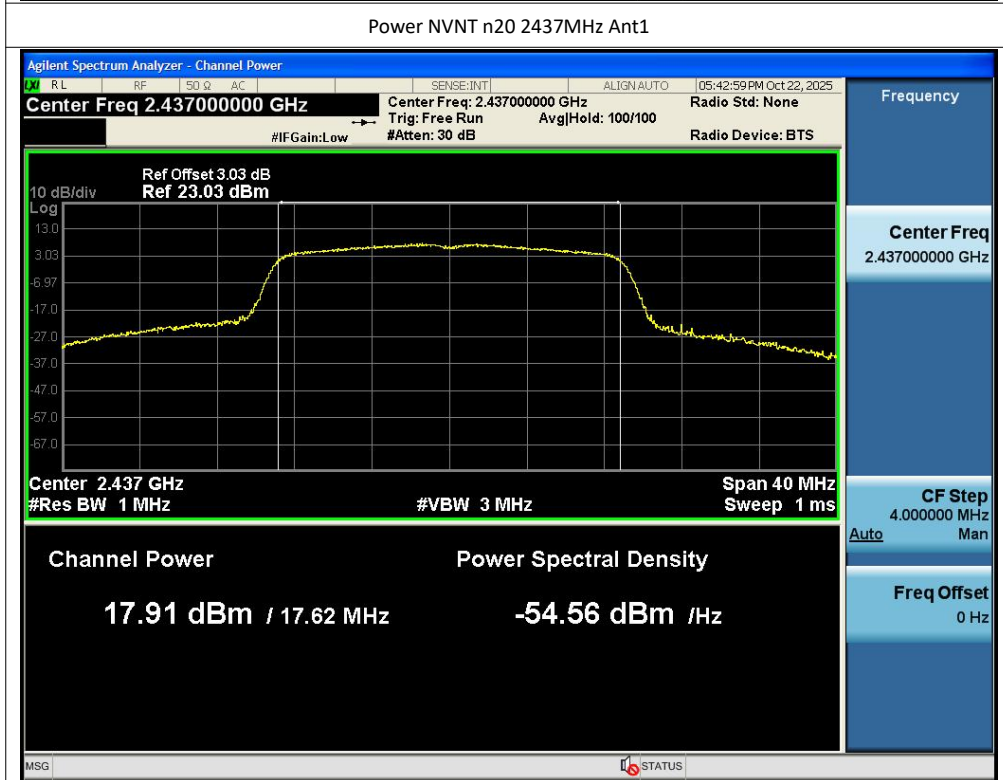


Power NVNT b 2437MHz Ant1

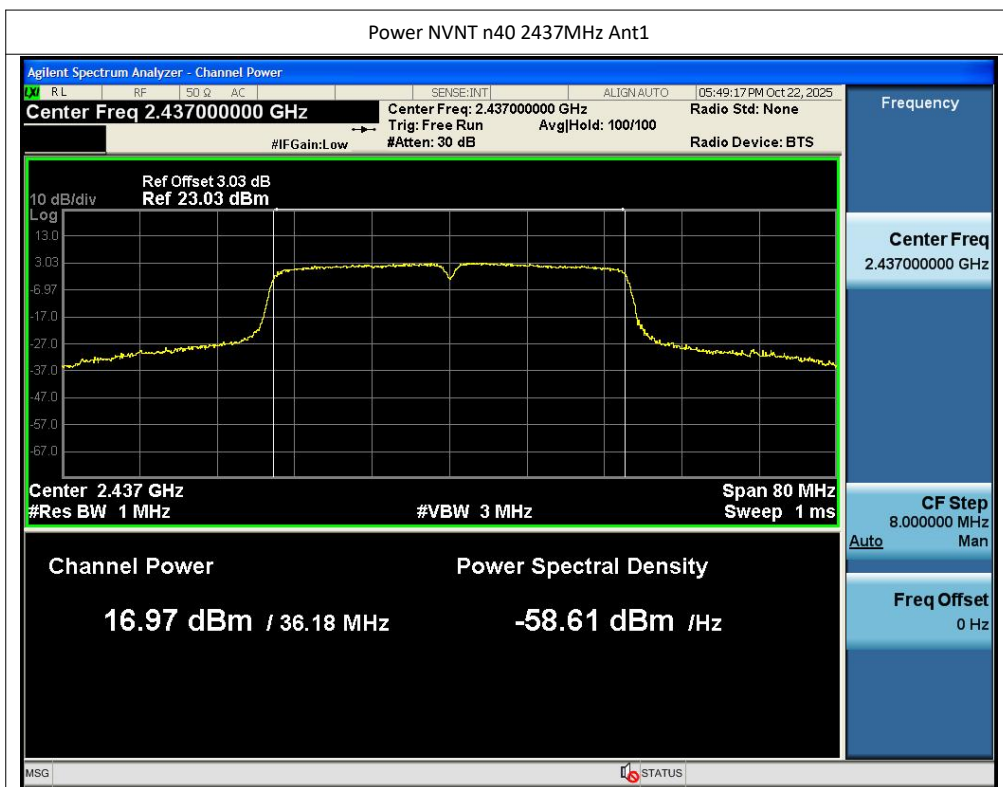












-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	8.126	0.5	Pass
NVNT	b	2437	Ant1	8.124	0.5	Pass
NVNT	b	2462	Ant1	8.125	0.5	Pass
NVNT	g	2412	Ant1	16.17	0.5	Pass
NVNT	g	2437	Ant1	15.88	0.5	Pass
NVNT	g	2462	Ant1	15.96	0.5	Pass
NVNT	n20	2412	Ant1	17.1	0.5	Pass
NVNT	n20	2437	Ant1	17.19	0.5	Pass
NVNT	n20	2462	Ant1	17.19	0.5	Pass
NVNT	n40	2422	Ant1	35.61	0.5	Pass
NVNT	n40	2437	Ant1	36.01	0.5	Pass
NVNT	n40	2452	Ant1	35.54	0.5	Pass

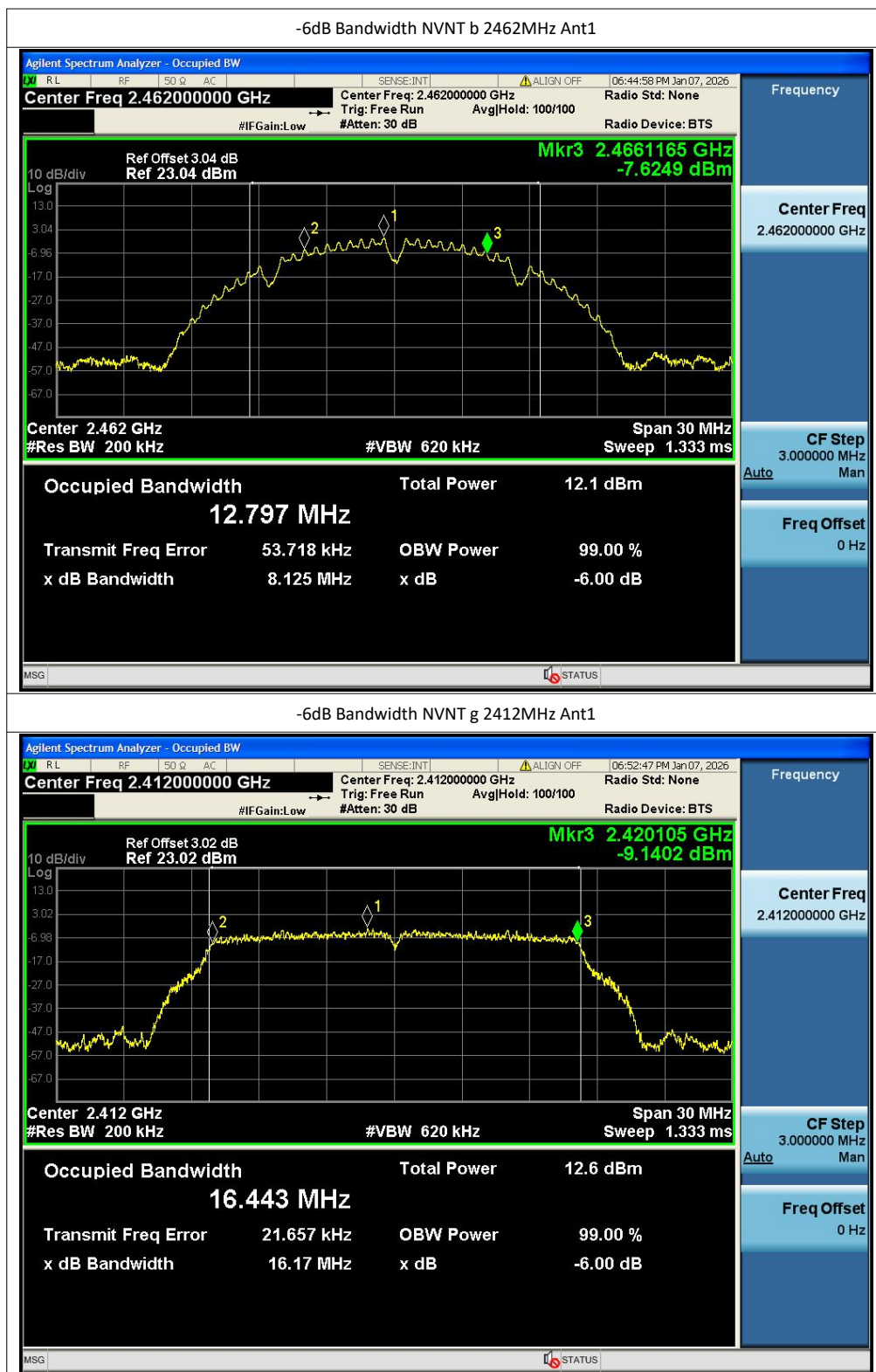
Test Graphs

-6dB Bandwidth NVNT b 2412MHz Ant1

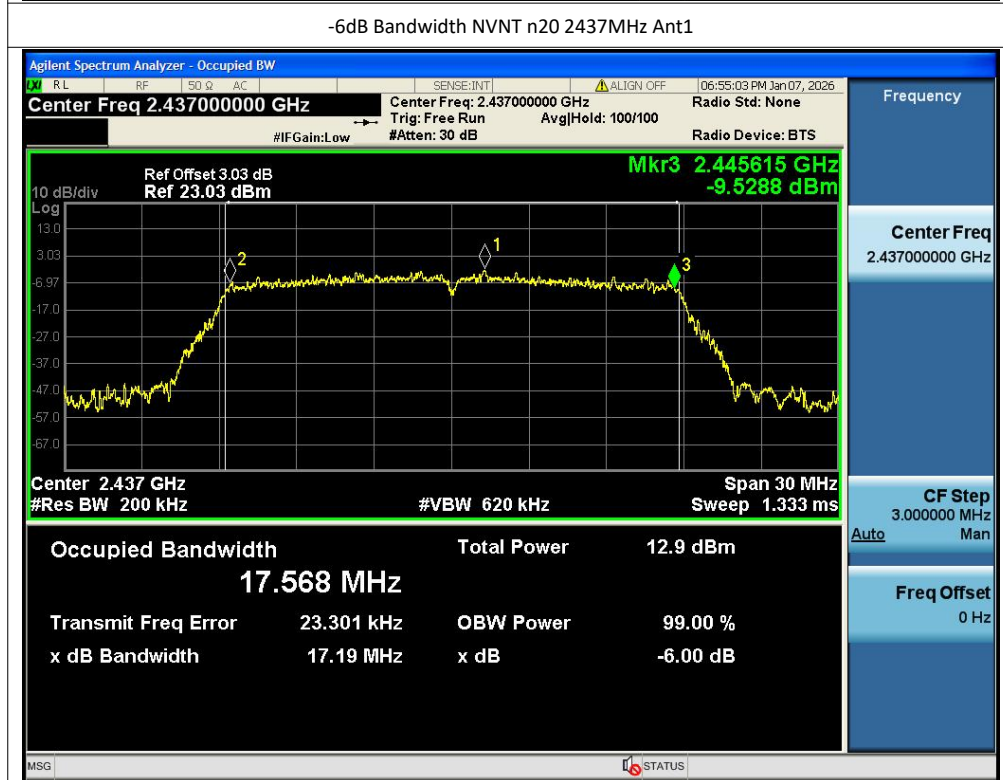
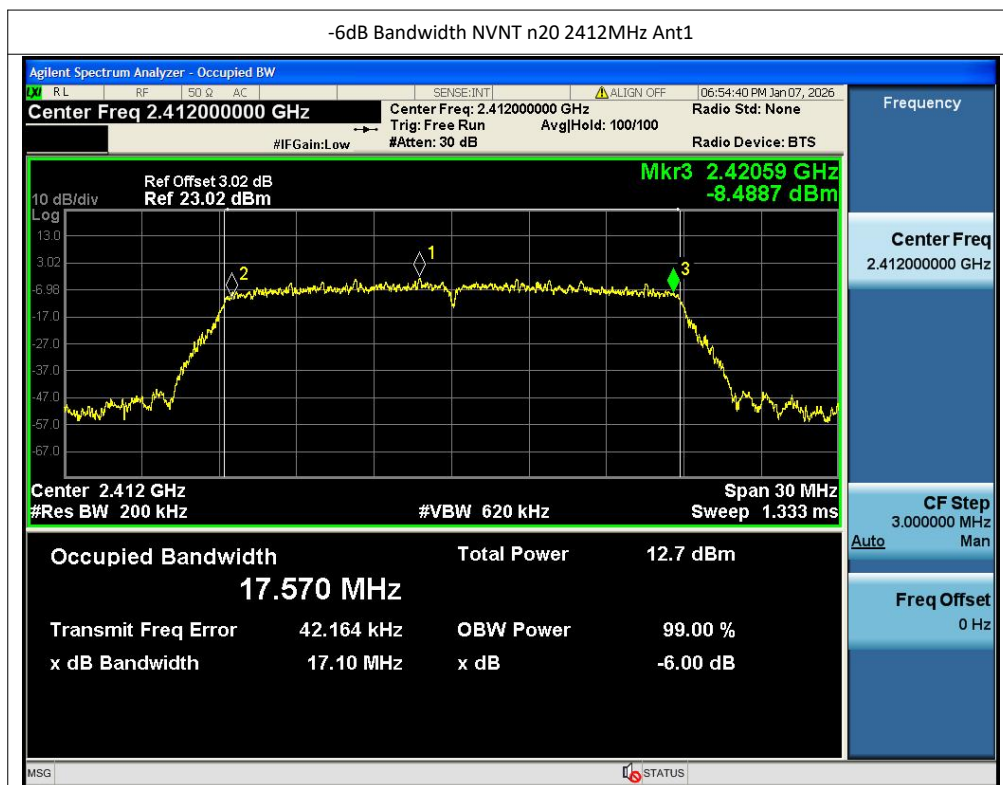


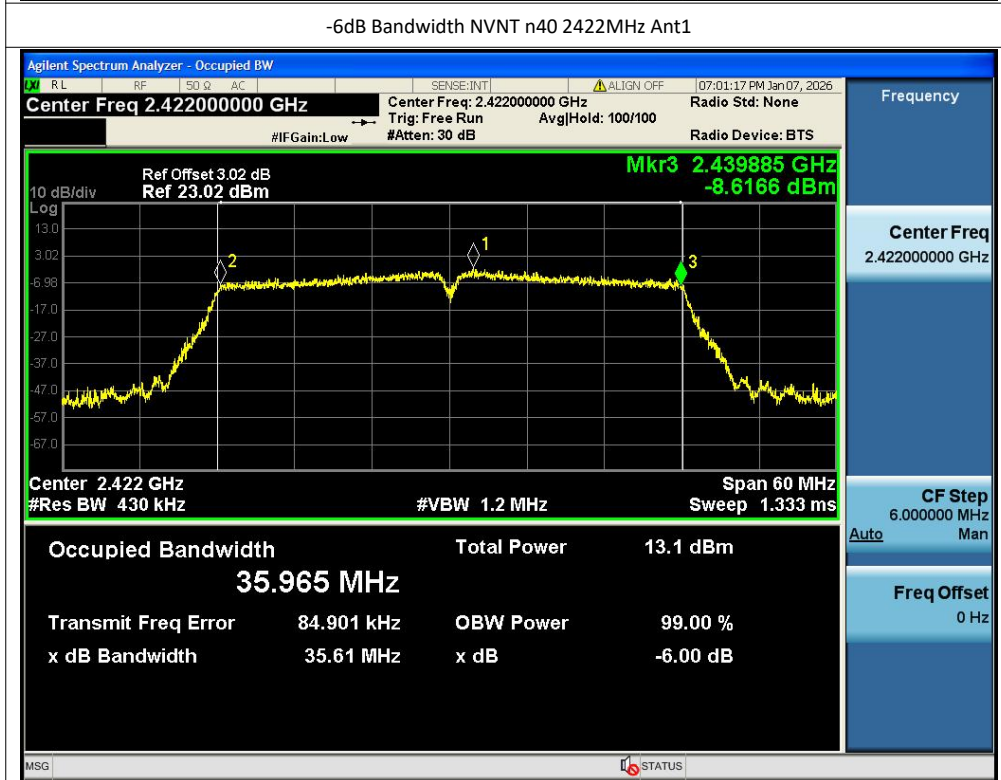
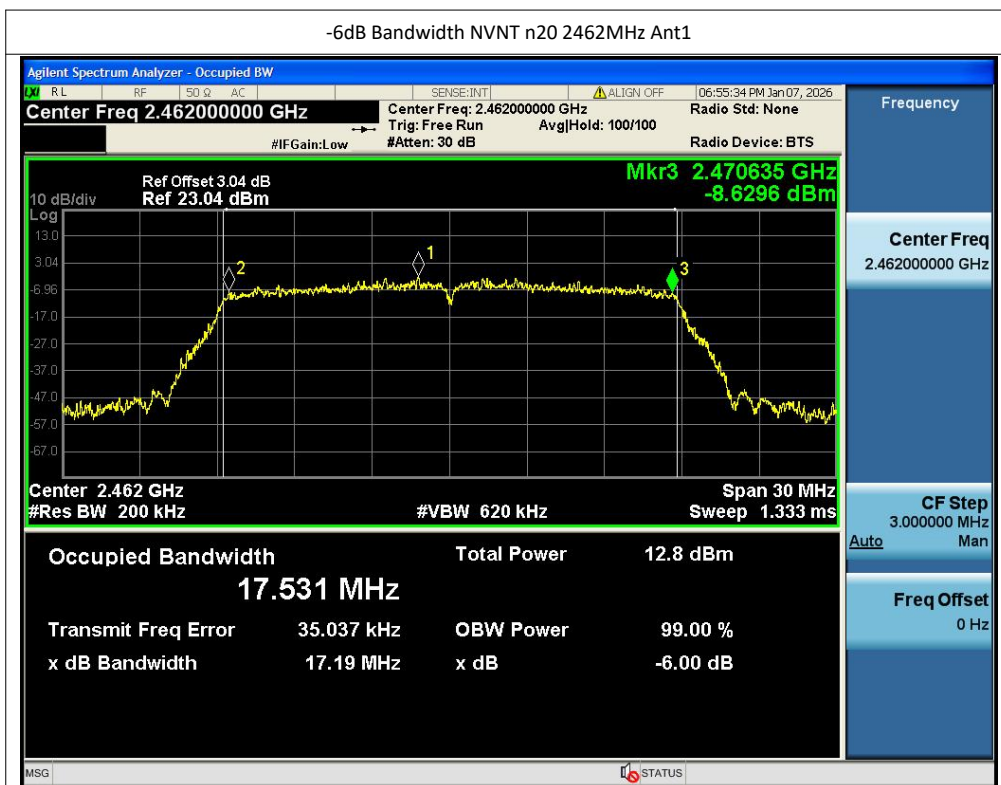
-6dB Bandwidth NVNT b 2437MHz Ant1



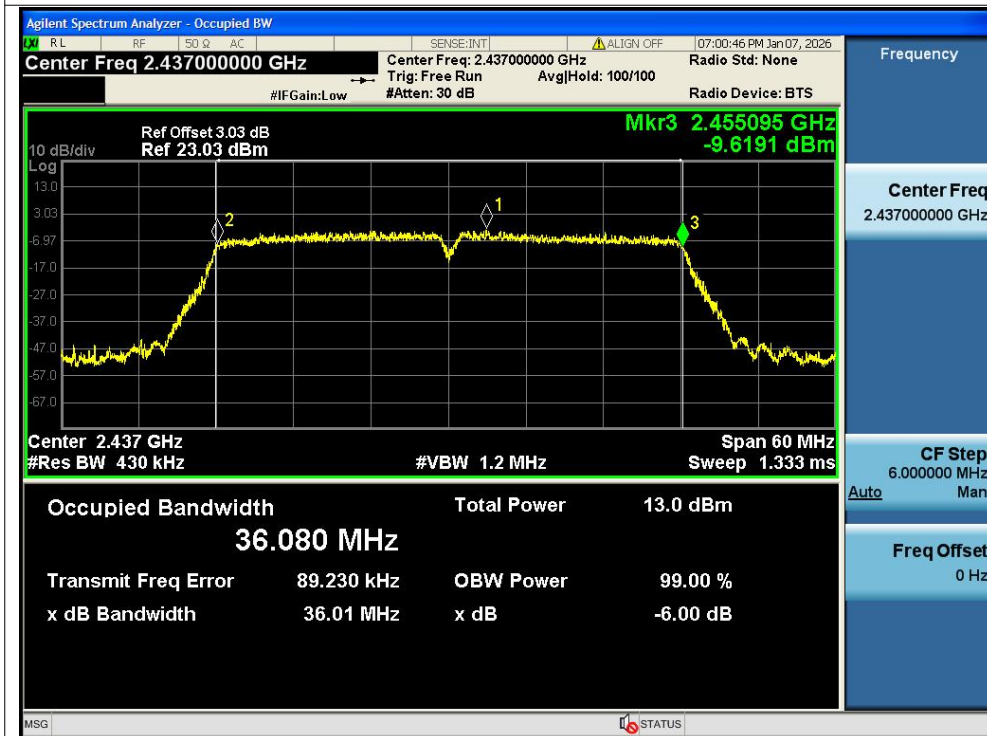








-6dB Bandwidth NVNT n40 2437MHz Ant1



-6dB Bandwidth NVNT n40 2452MHz Ant1



Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	13.044
NVNT	b	2437	Ant1	13.074
NVNT	b	2462	Ant1	13.16
NVNT	g	2412	Ant1	16.553
NVNT	g	2437	Ant1	16.509
NVNT	g	2462	Ant1	16.564
NVNT	n20	2412	Ant1	17.614
NVNT	n20	2437	Ant1	17.623
NVNT	n20	2462	Ant1	17.659
NVNT	n40	2422	Ant1	36.108
NVNT	n40	2437	Ant1	36.183
NVNT	n40	2452	Ant1	36.1