



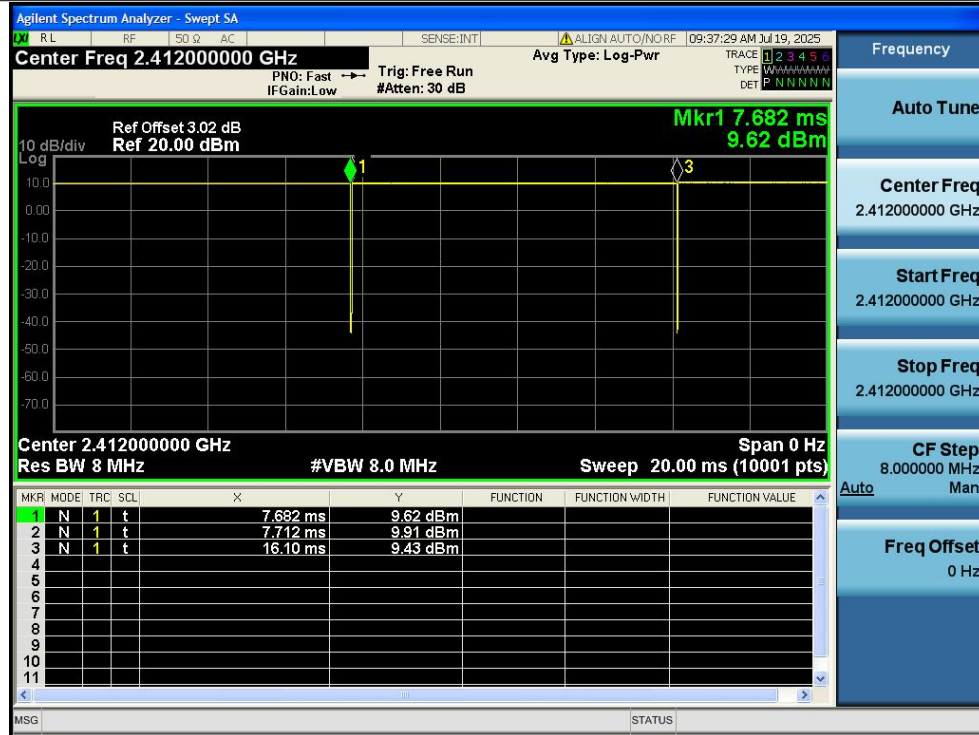
Appendix G 2.4GWIFI-ANT2

Duty Cycle

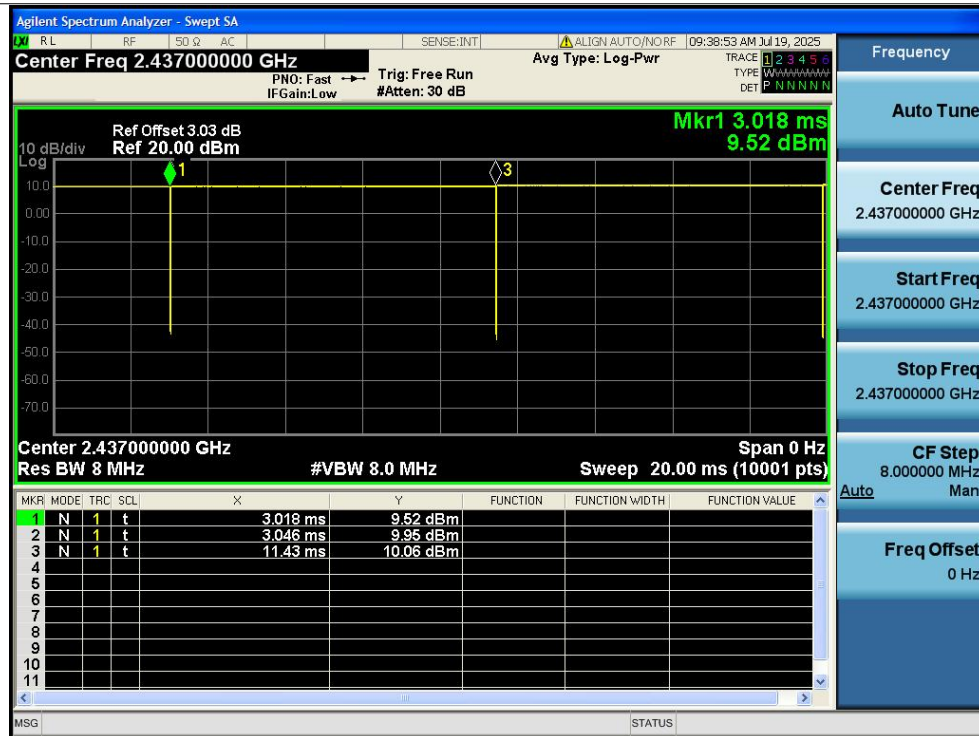
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant2	99.64	0.02	0.12
NVNT	b	2437	Ant2	99.67	0.01	0.12
NVNT	b	2462	Ant2	99.67	0.01	0.12
NVNT	g	2412	Ant2	97.48	0.11	0.72
NVNT	g	2437	Ant2	97.48	0.11	0.72
NVNT	g	2462	Ant2	97.48	0.11	0.72
NVNT	n20	2412	Ant2	97.31	0.12	0.77
NVNT	n20	2437	Ant2	97.31	0.12	0.77
NVNT	n20	2462	Ant2	97.31	0.12	0.77
NVNT	n40	2422	Ant2	94.74	0.23	1.54
NVNT	n40	2437	Ant2	95.01	0.22	1.54
NVNT	n40	2452	Ant2	94.74	0.23	1.54

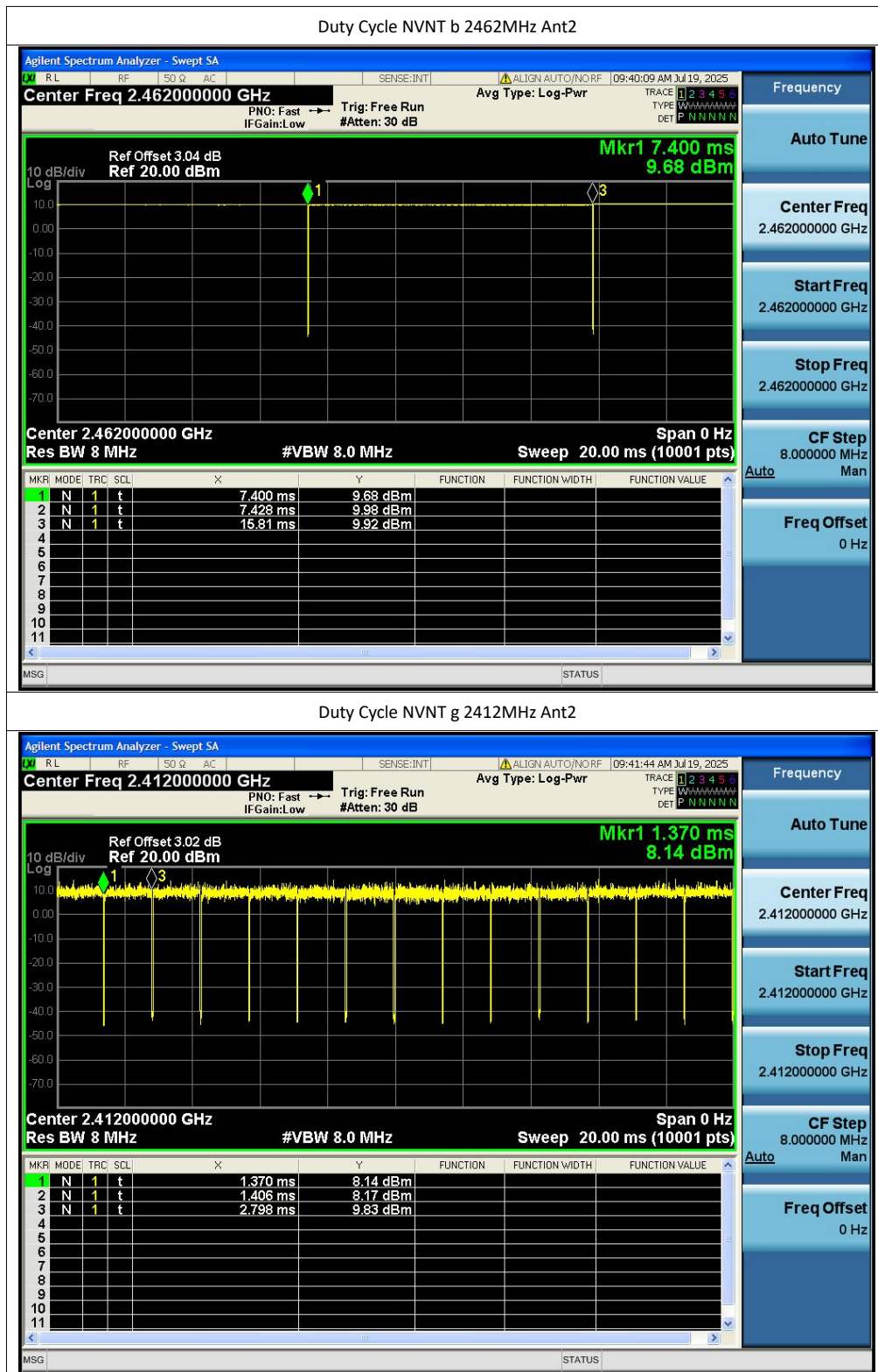
Test Graphs

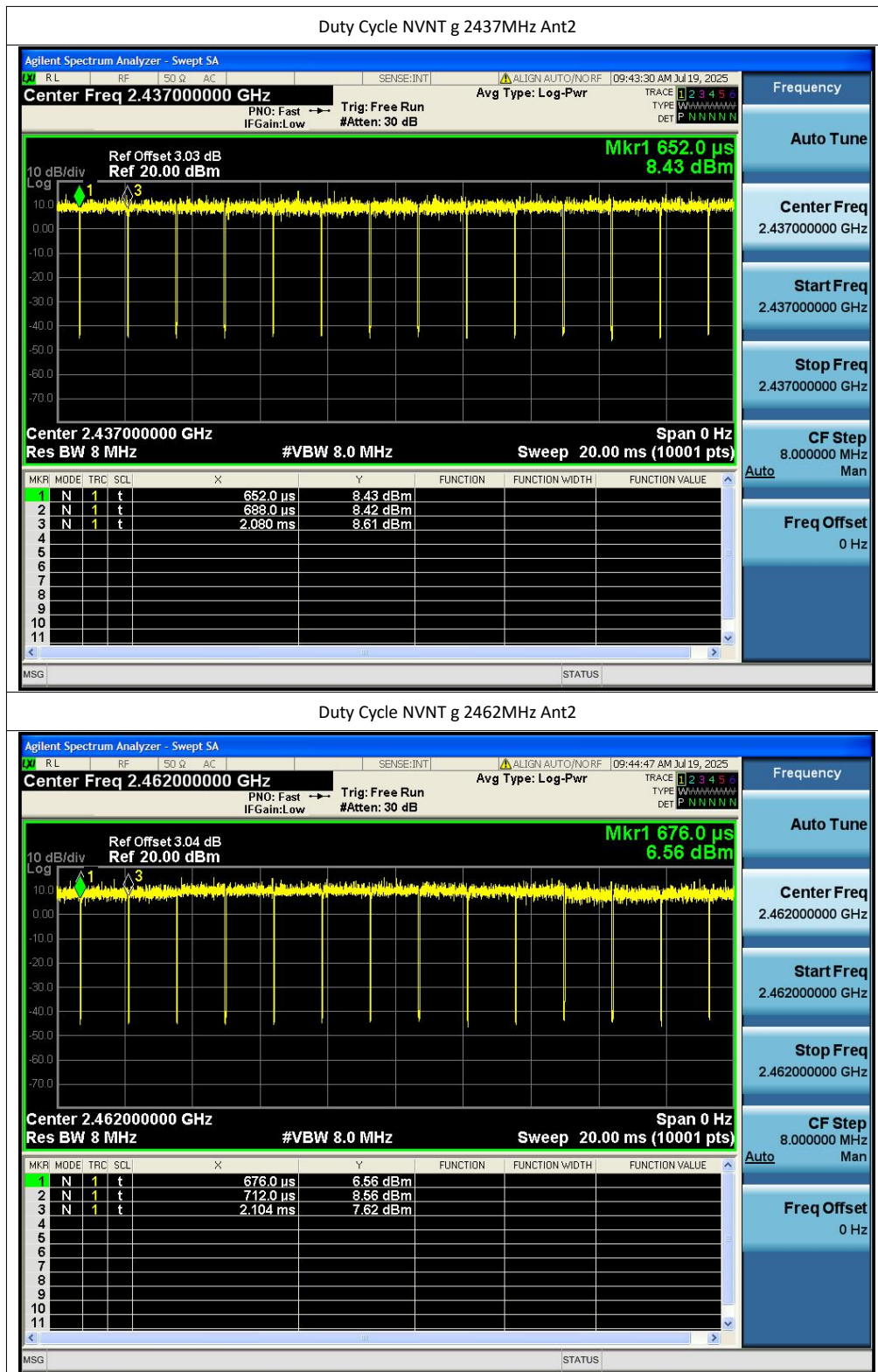
Duty Cycle NVNT b 2412MHz Ant2

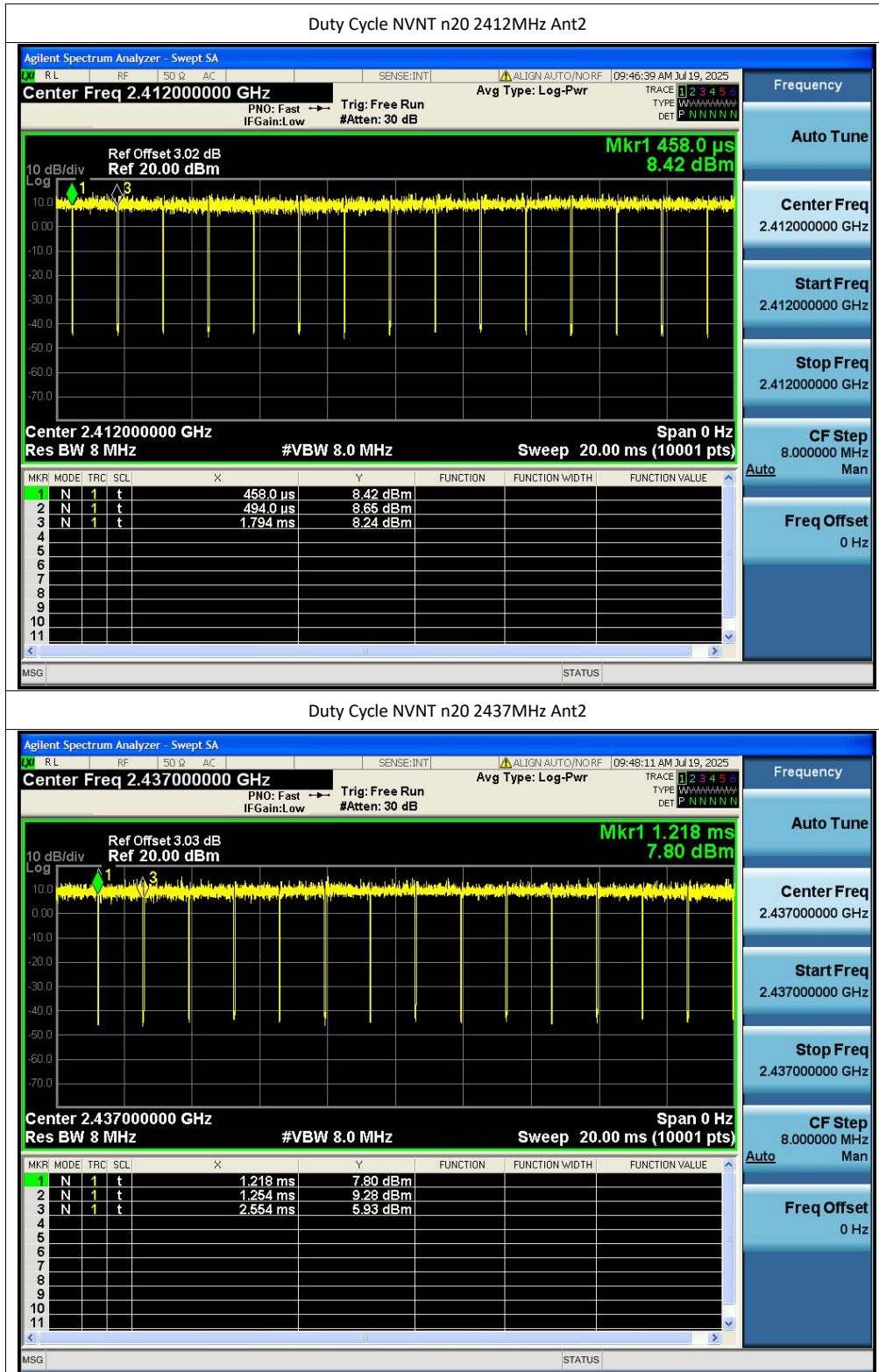


Duty Cycle NVNT b 2437MHz Ant2

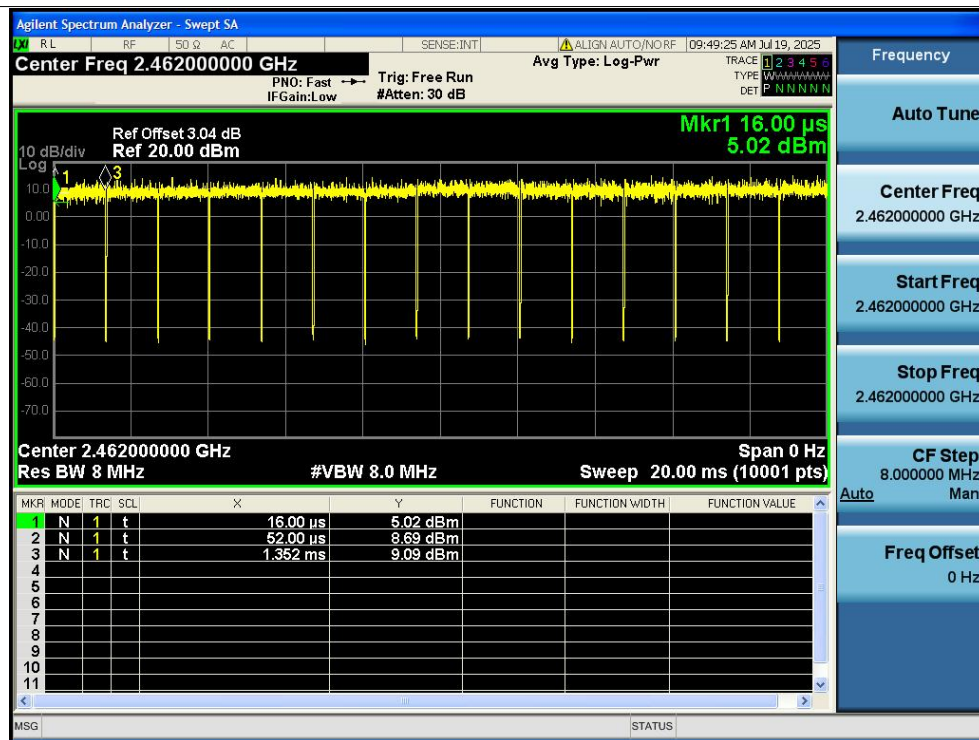




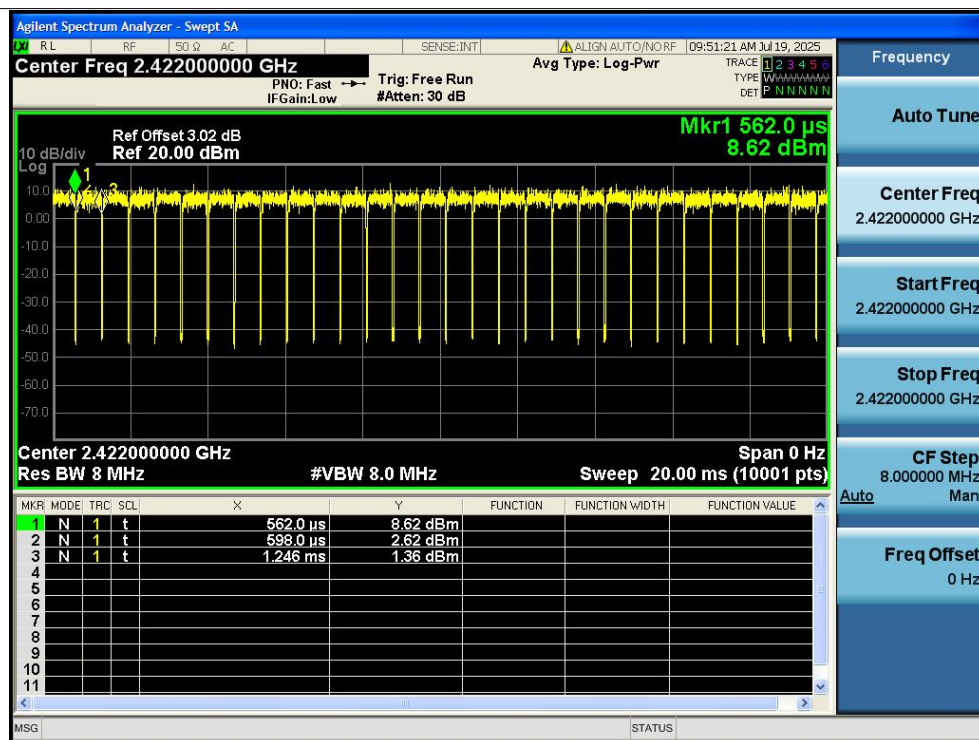


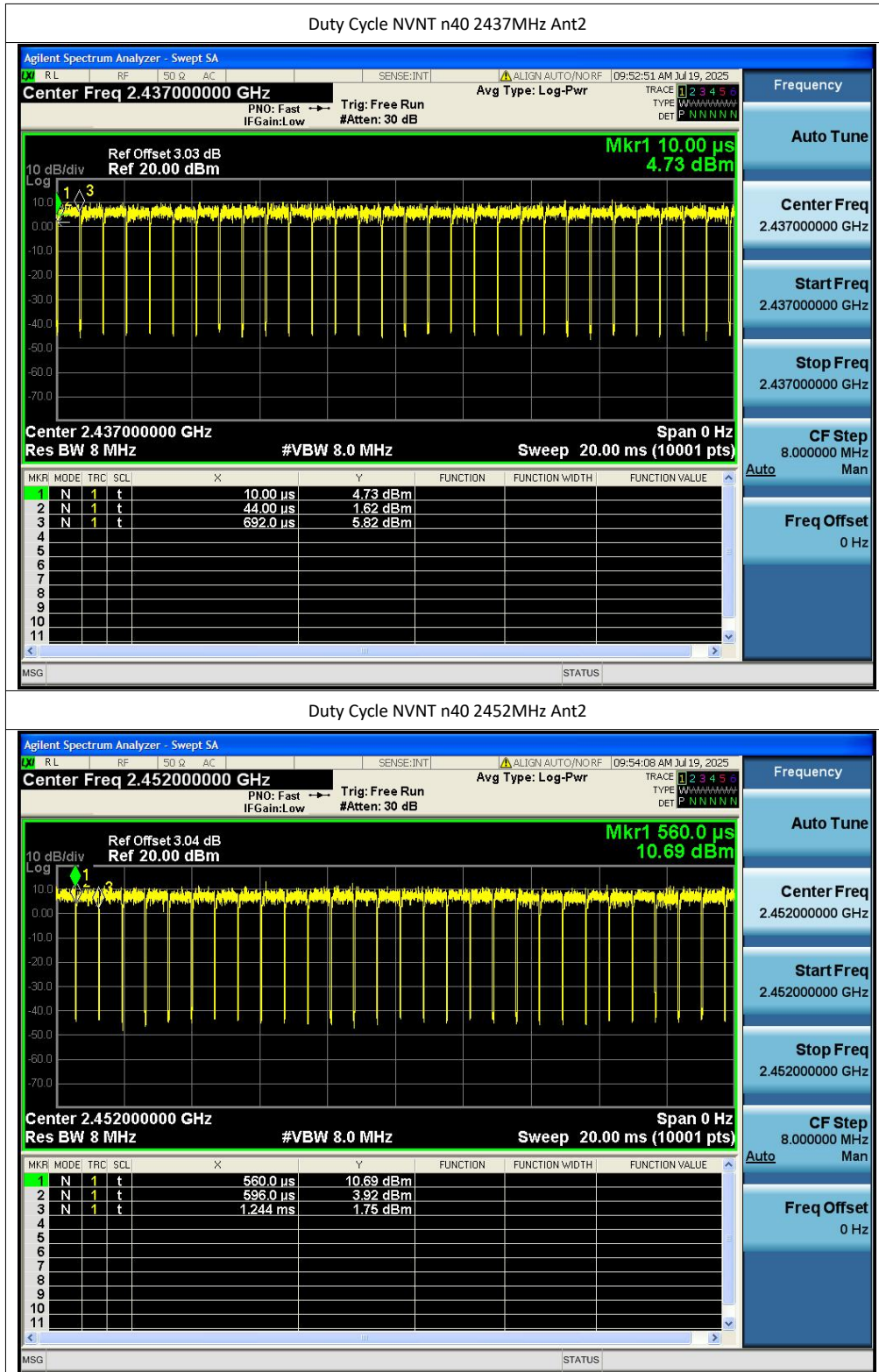


Duty Cycle NVNT n20 2462MHz Ant2



Duty Cycle NVNT n40 2422MHz Ant2





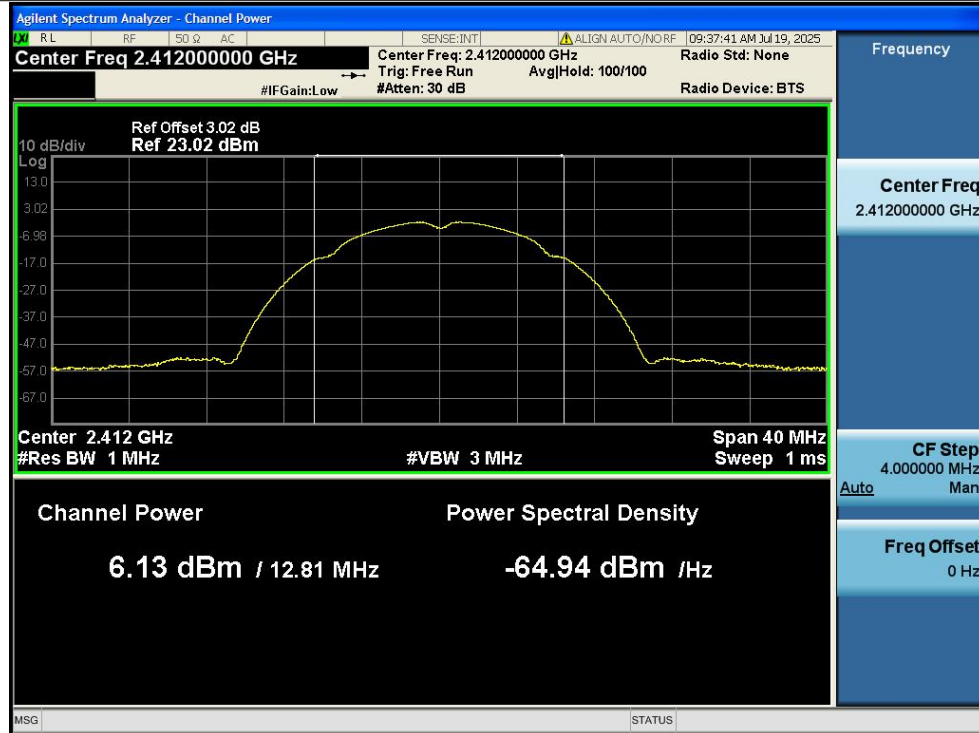


Maximum Conducted Output Power

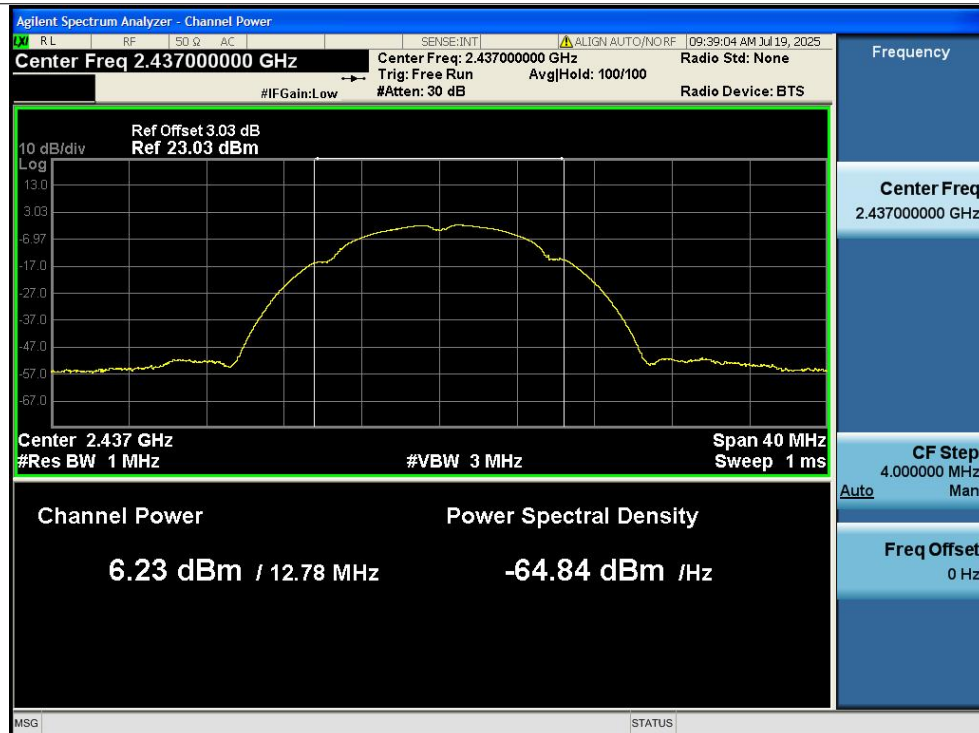
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant2	6.13	0.02	6.15	30	Pass
NVNT	b	2437	Ant2	6.23	0.01	6.24	30	Pass
NVNT	b	2462	Ant2	6.09	0.01	6.1	30	Pass
NVNT	g	2412	Ant2	6.04	0.11	6.15	30	Pass
NVNT	g	2437	Ant2	6.19	0.11	6.3	30	Pass
NVNT	g	2462	Ant2	6.14	0.11	6.25	30	Pass
NVNT	n20	2412	Ant2	6.39	0.12	6.51	30	Pass
NVNT	n20	2437	Ant2	6.45	0.12	6.57	30	Pass
NVNT	n20	2462	Ant2	6.46	0.12	6.58	30	Pass
NVNT	n40	2422	Ant2	6.68	0.23	6.91	30	Pass
NVNT	n40	2437	Ant2	6.55	0.22	6.77	30	Pass
NVNT	n40	2452	Ant2	6.64	0.23	6.87	30	Pass

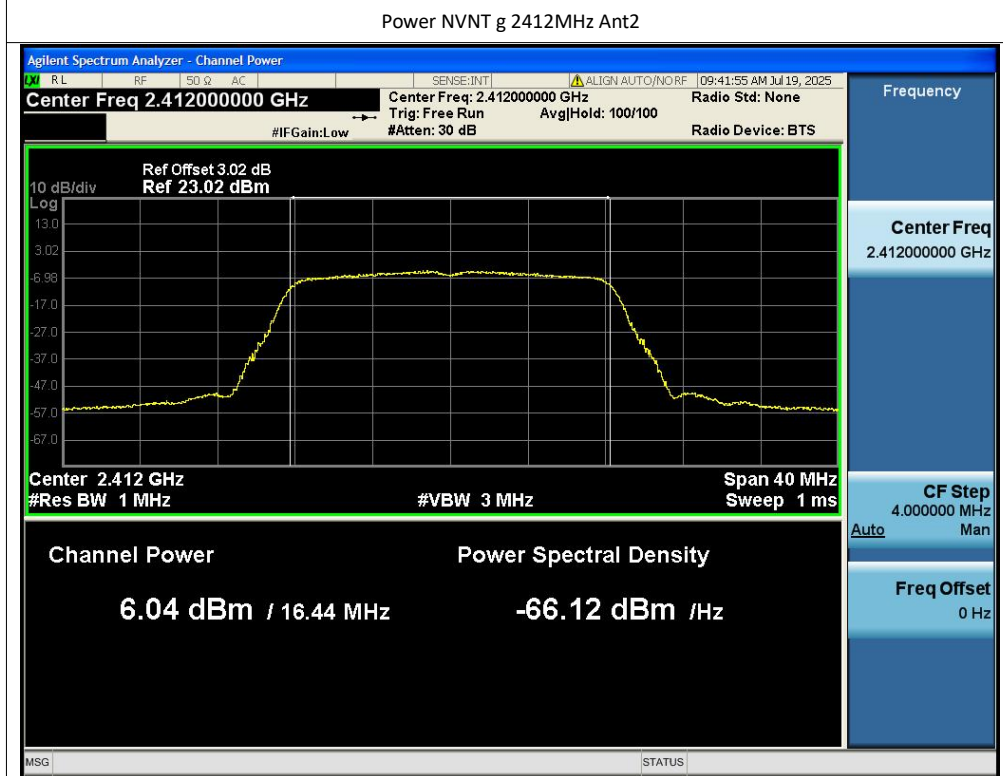
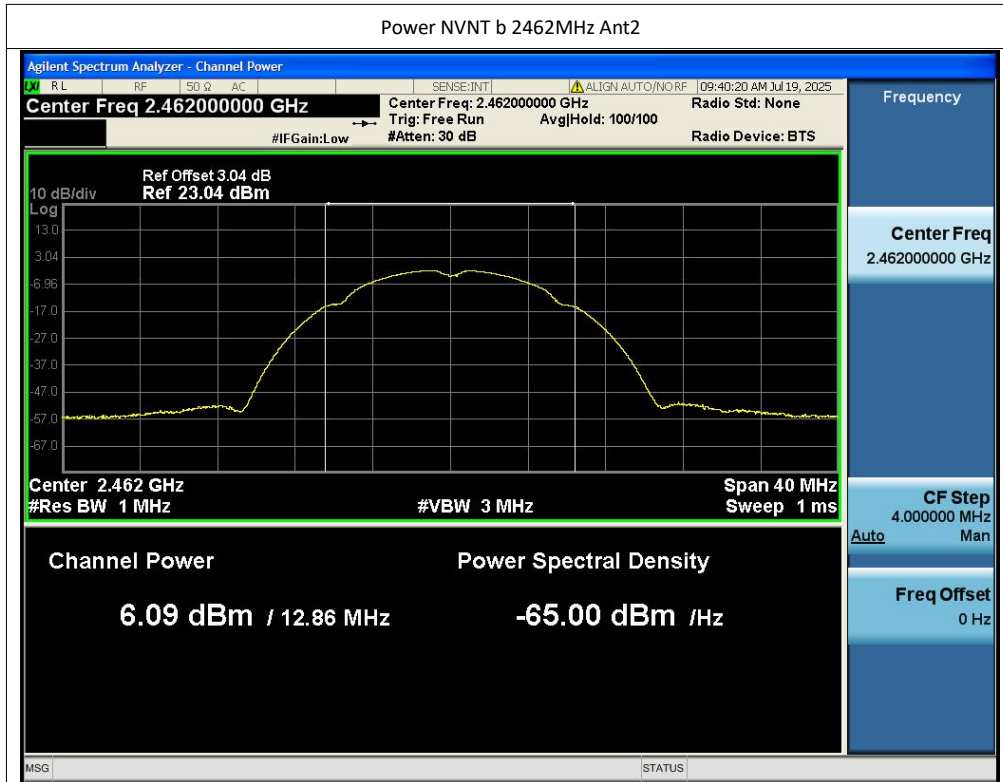
Test Graphs

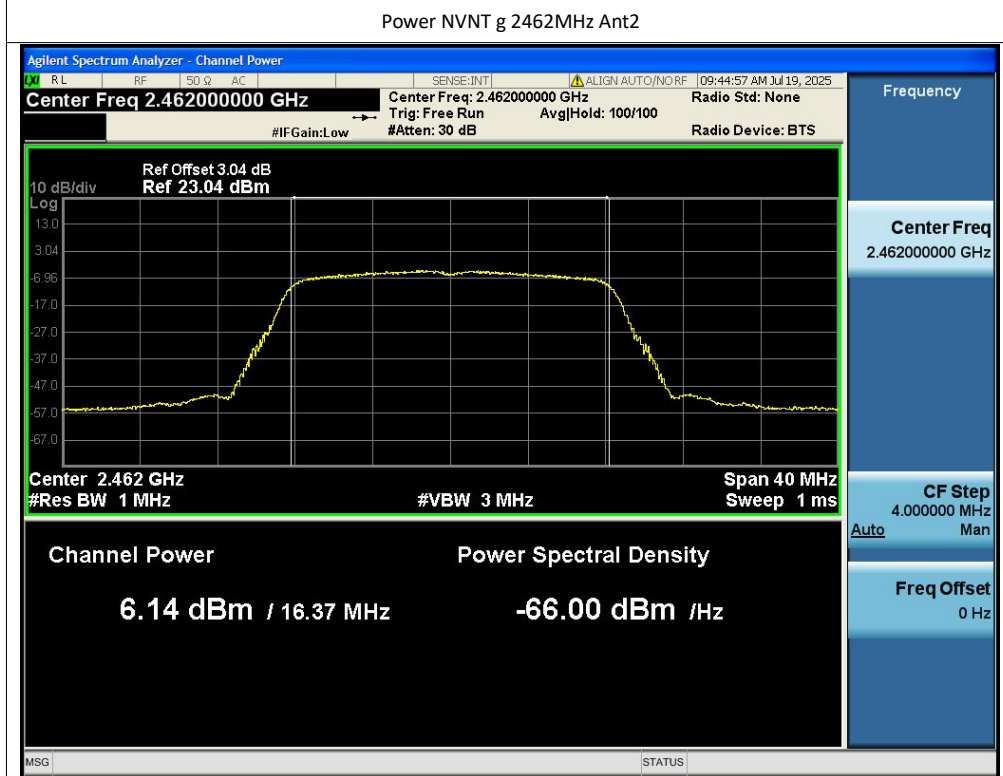
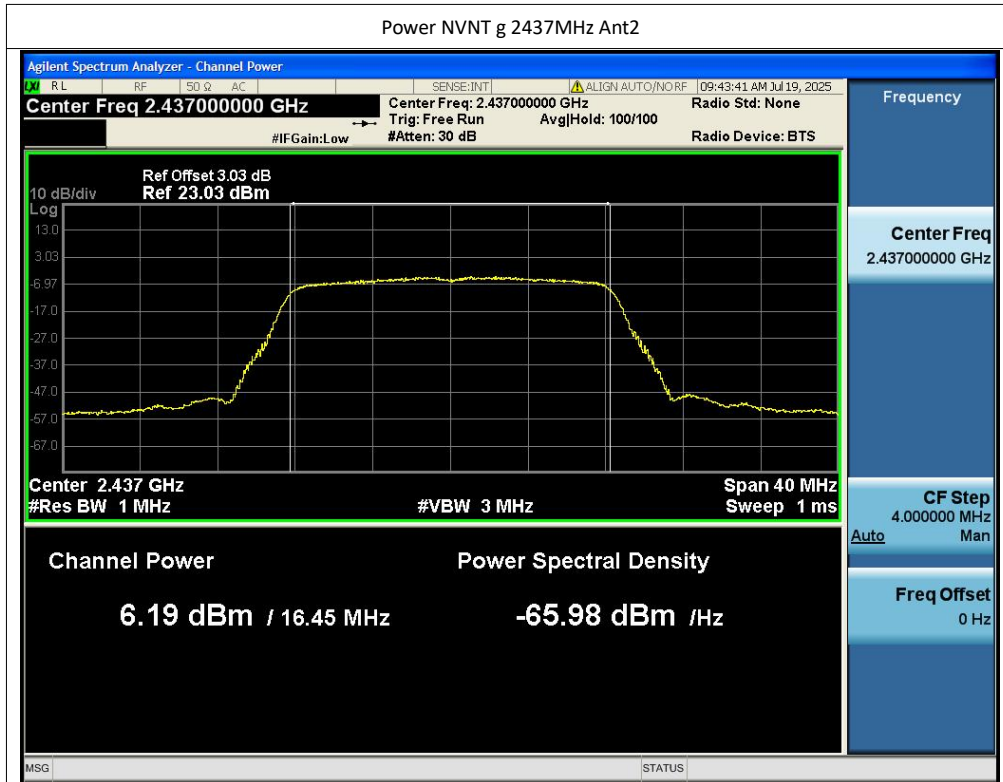
Power NVNT b 2412MHz Ant2

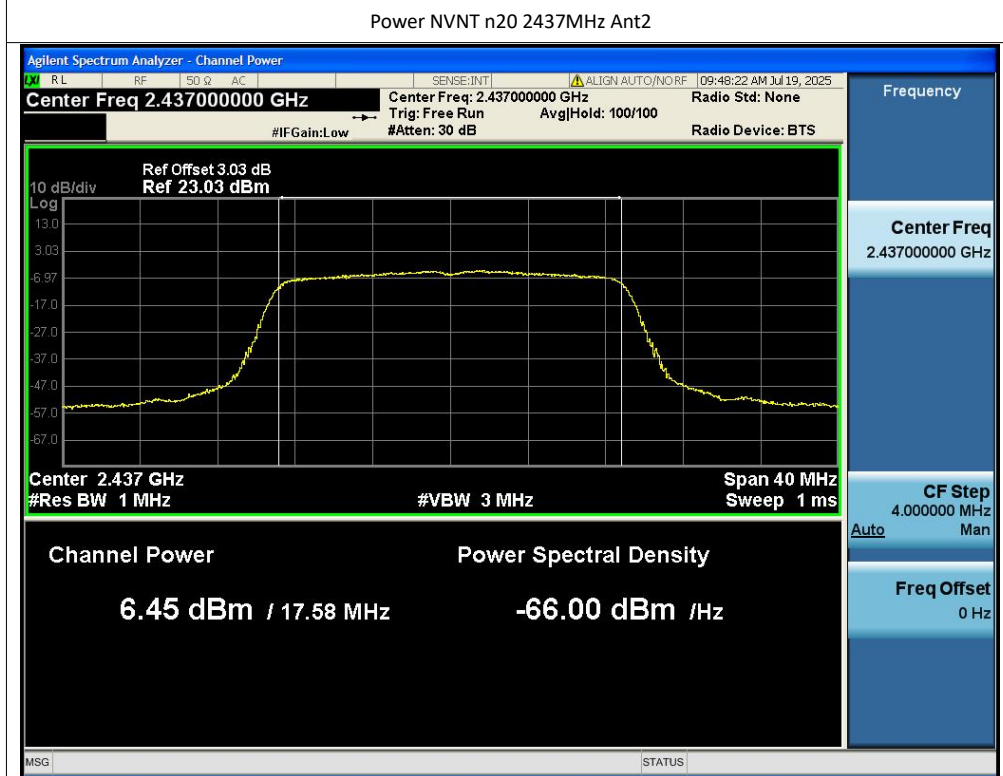
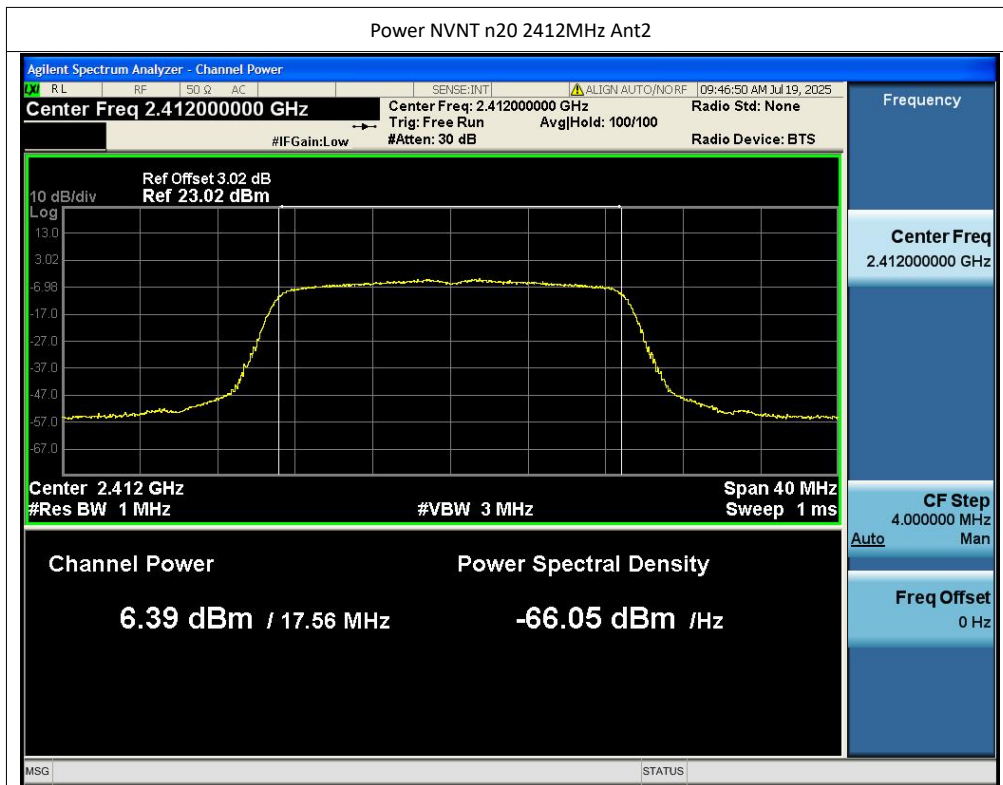


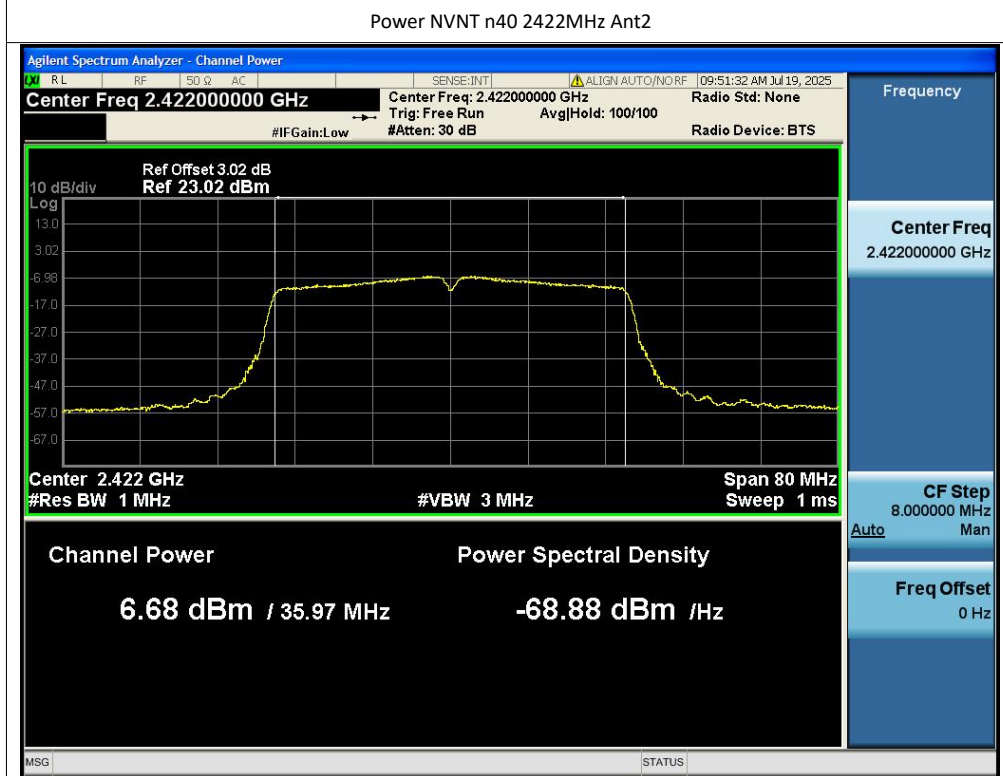
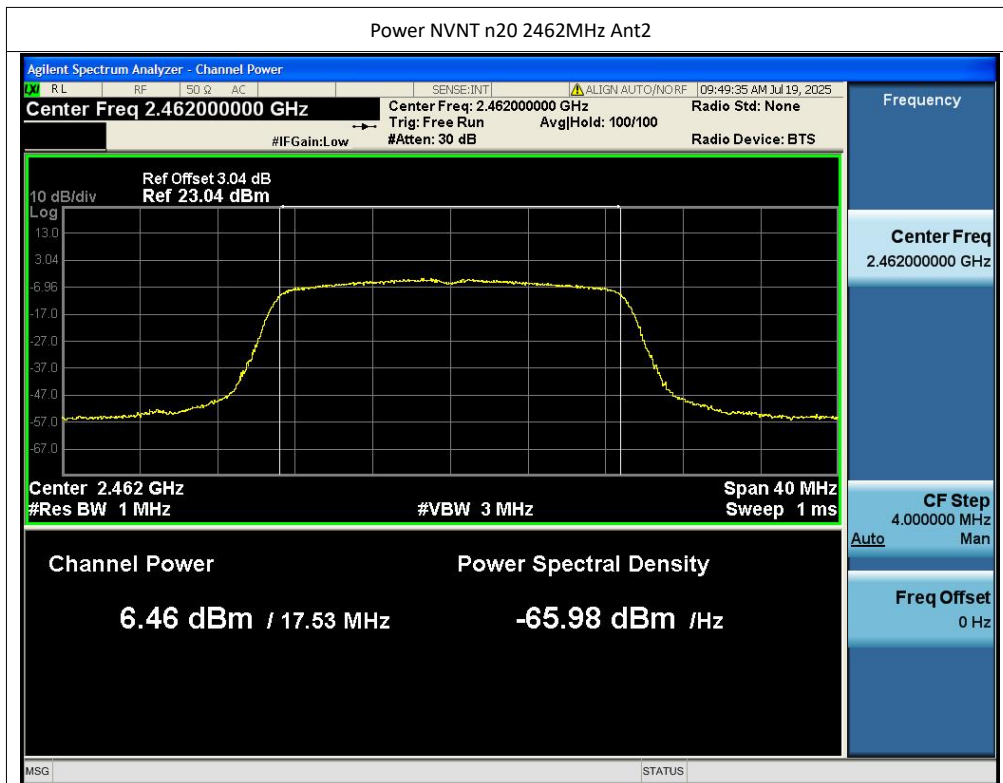
Power NVNT b 2437MHz Ant2

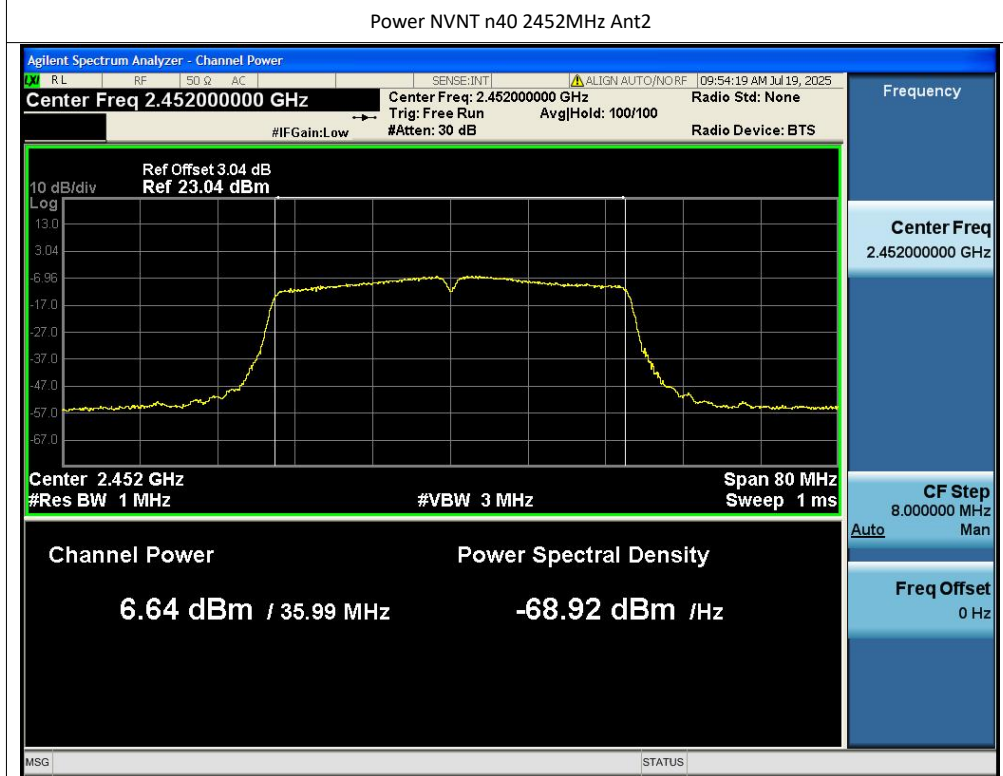
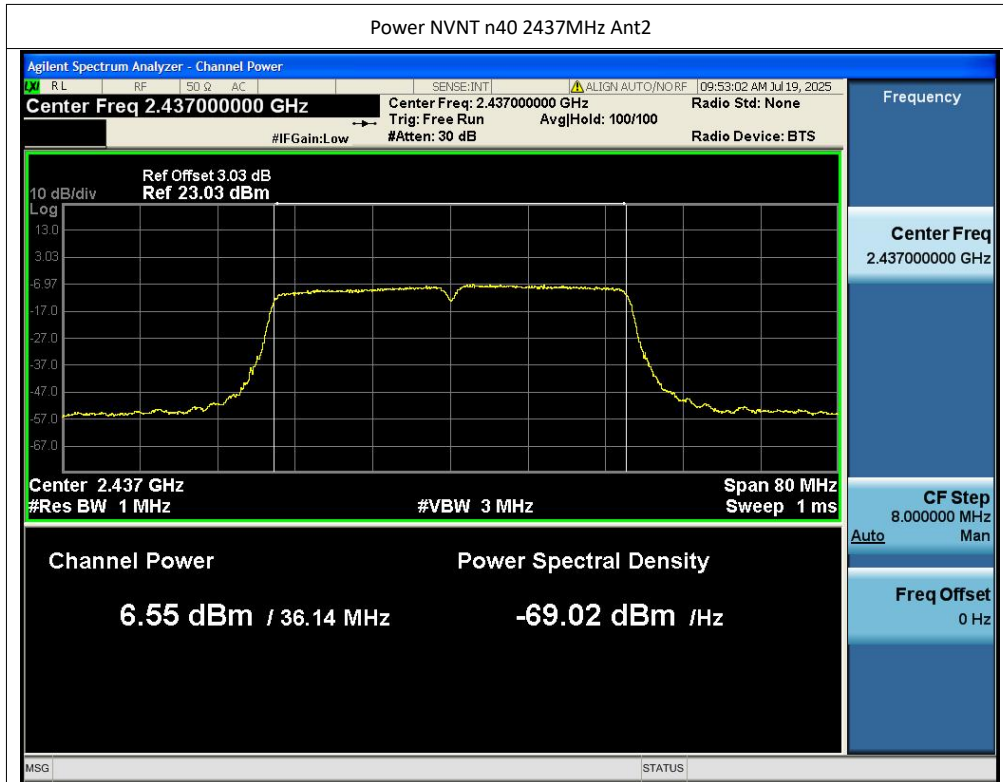












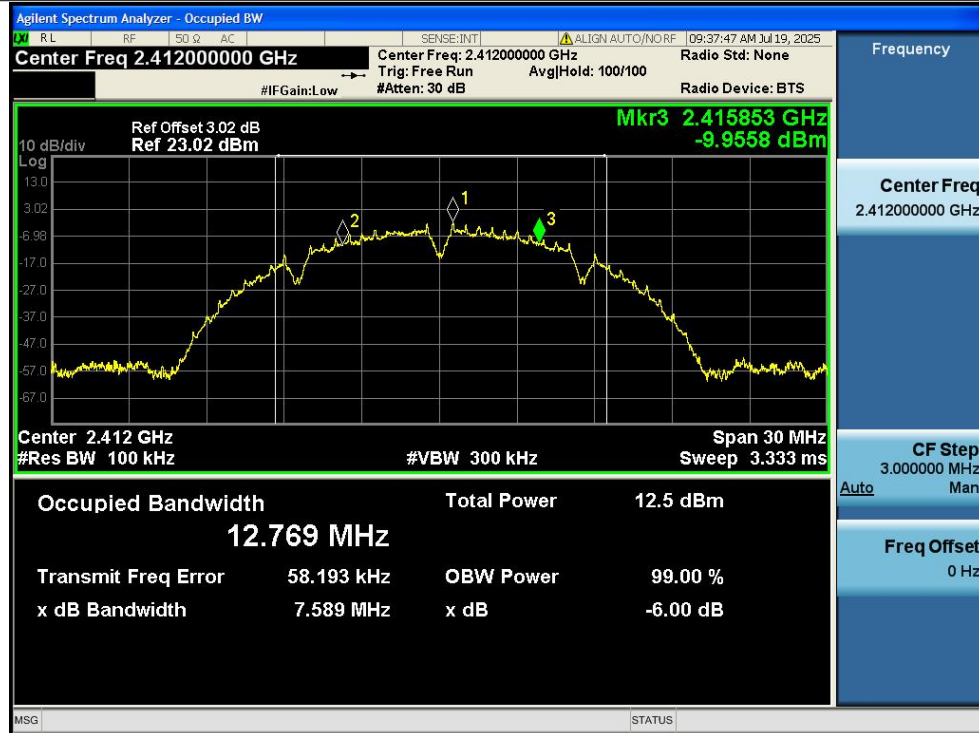


-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant2	7.589	0.5	Pass
NVNT	b	2437	Ant2	7.071	0.5	Pass
NVNT	b	2462	Ant2	8.585	0.5	Pass
NVNT	g	2412	Ant2	15.006	0.5	Pass
NVNT	g	2437	Ant2	15.239	0.5	Pass
NVNT	g	2462	Ant2	13.395	0.5	Pass
NVNT	n20	2412	Ant2	14.16	0.5	Pass
NVNT	n20	2437	Ant2	15.344	0.5	Pass
NVNT	n20	2462	Ant2	14.79	0.5	Pass
NVNT	n40	2422	Ant2	35.082	0.5	Pass
NVNT	n40	2437	Ant2	35.299	0.5	Pass
NVNT	n40	2452	Ant2	35.082	0.5	Pass

Test Graphs

-6dB Bandwidth NVNT b 2412MHz Ant2



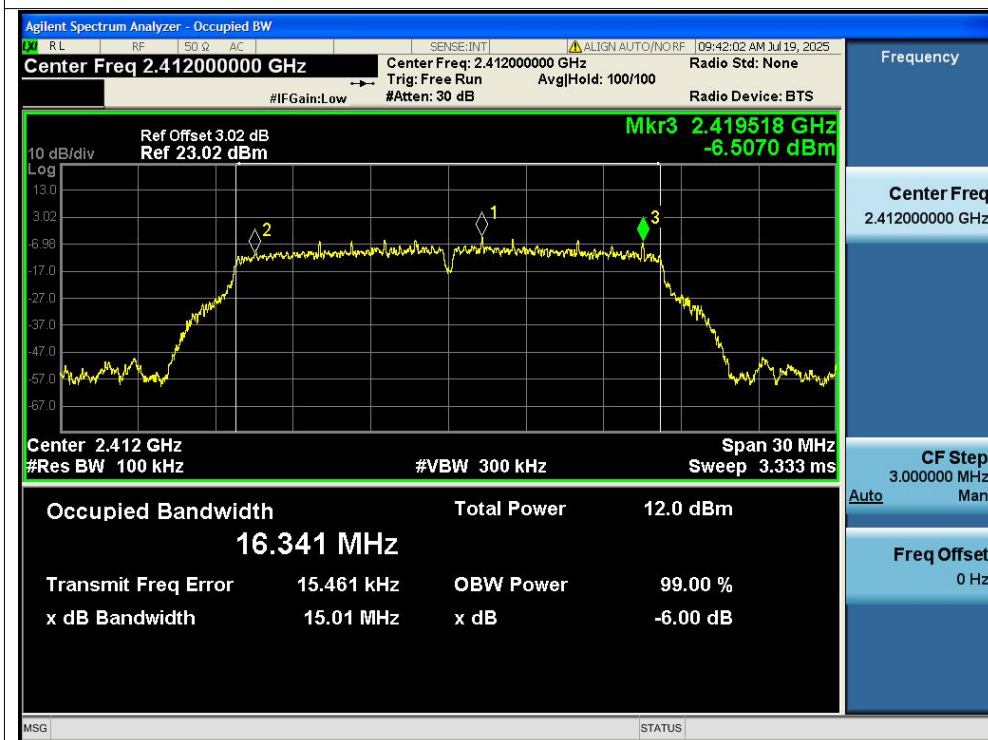
-6dB Bandwidth NVNT b 2437MHz Ant2



-6dB Bandwidth NVNT b 2462MHz Ant2



-6dB Bandwidth NVNT g 2412MHz Ant2



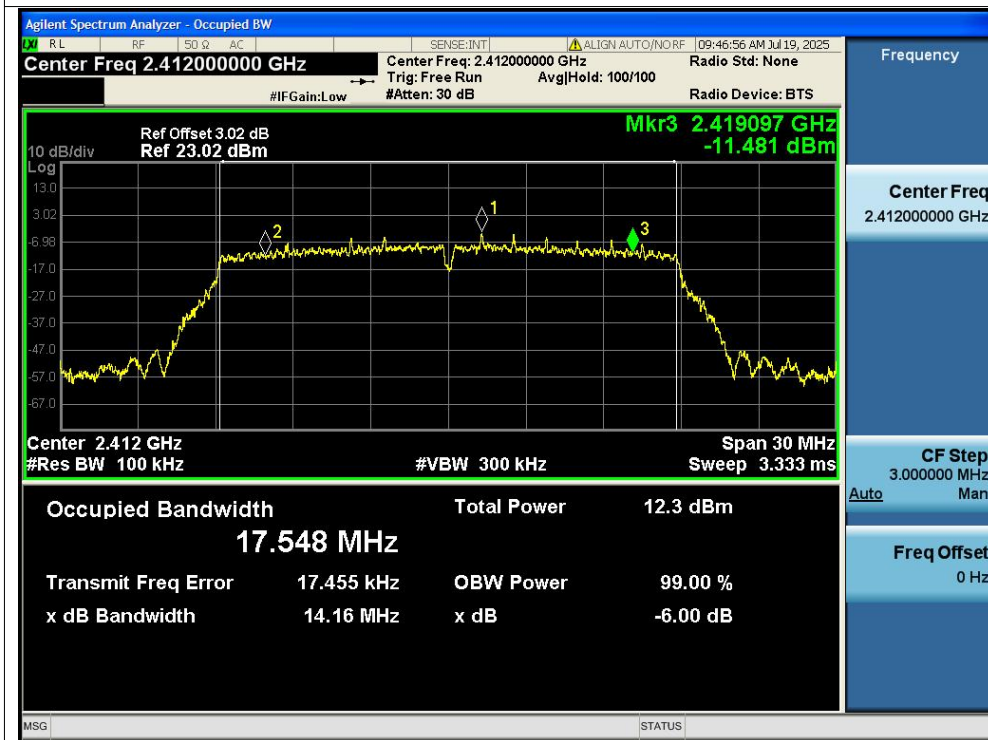
-6dB Bandwidth NVNT g 2437MHz Ant2



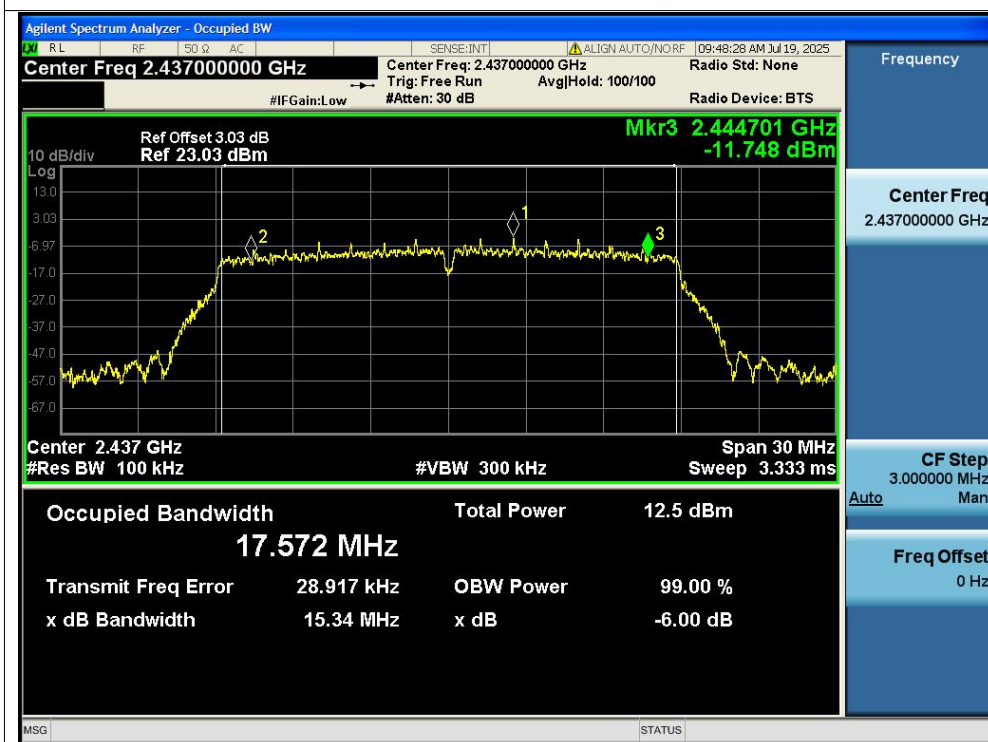
-6dB Bandwidth NVNT g 2462MHz Ant2

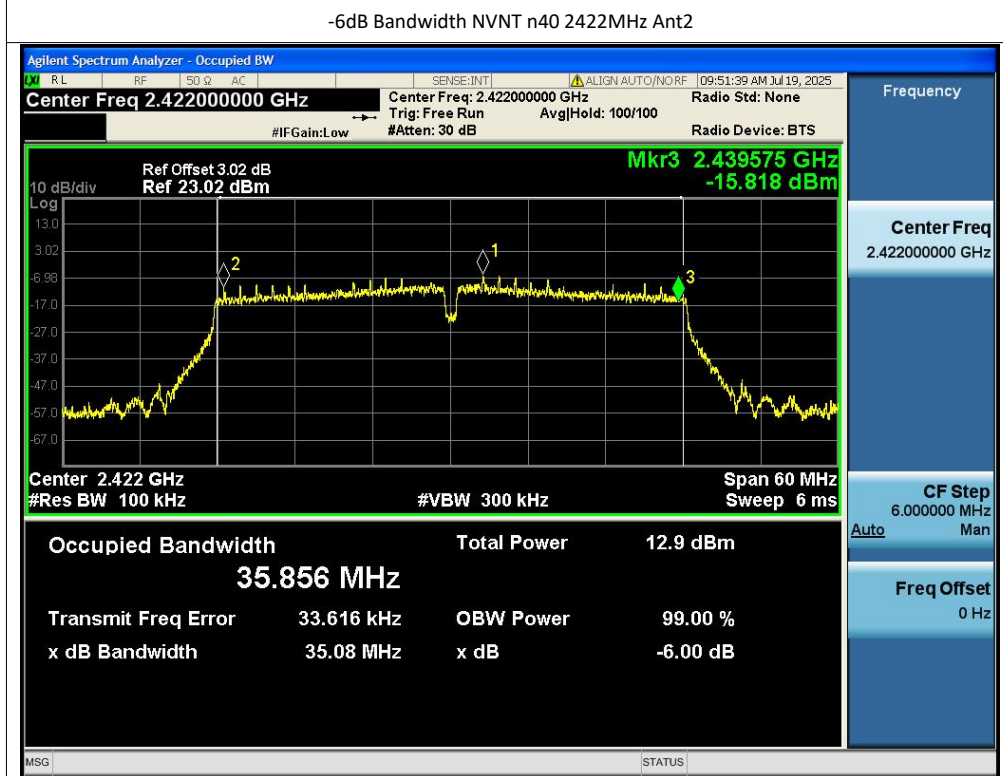
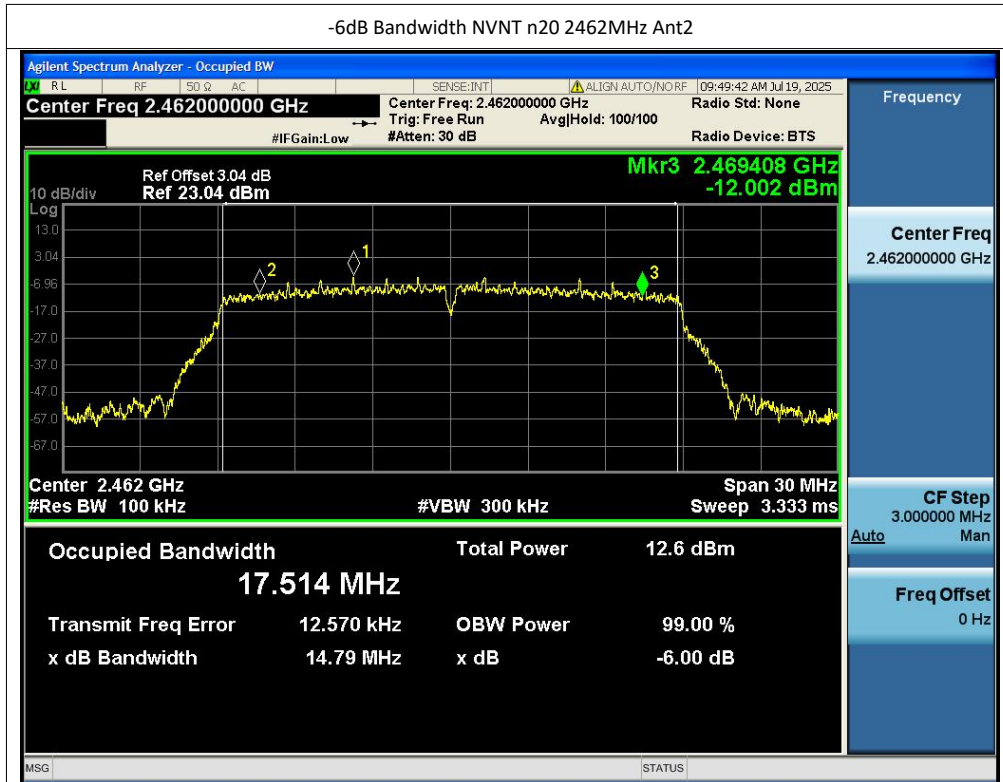


-6dB Bandwidth NVNT n20 2412MHz Ant2

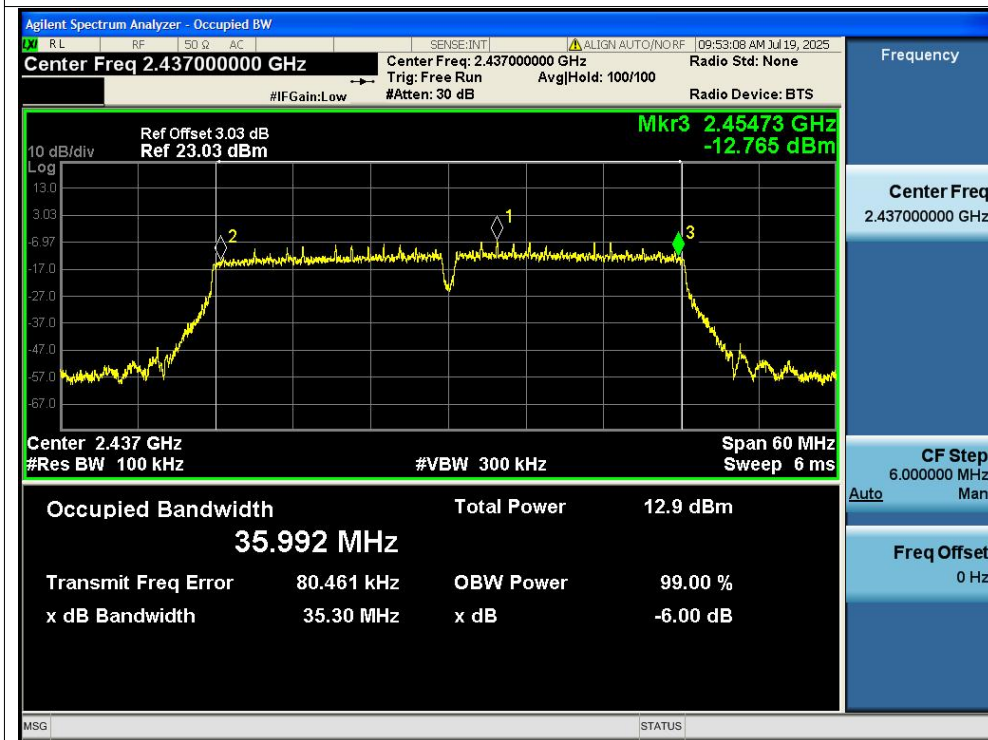


-6dB Bandwidth NVNT n20 2437MHz Ant2





-6dB Bandwidth NVNT n40 2437MHz Ant2



-6dB Bandwidth NVNT n40 2452MHz Ant2





Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant2	12.809
NVNT	b	2437	Ant2	12.782
NVNT	b	2462	Ant2	12.857
NVNT	g	2412	Ant2	16.441
NVNT	g	2437	Ant2	16.452
NVNT	g	2462	Ant2	16.371
NVNT	n20	2412	Ant2	17.56
NVNT	n20	2437	Ant2	17.575
NVNT	n20	2462	Ant2	17.531
NVNT	n40	2422	Ant2	35.966
NVNT	n40	2437	Ant2	36.135
NVNT	n40	2452	Ant2	35.991