



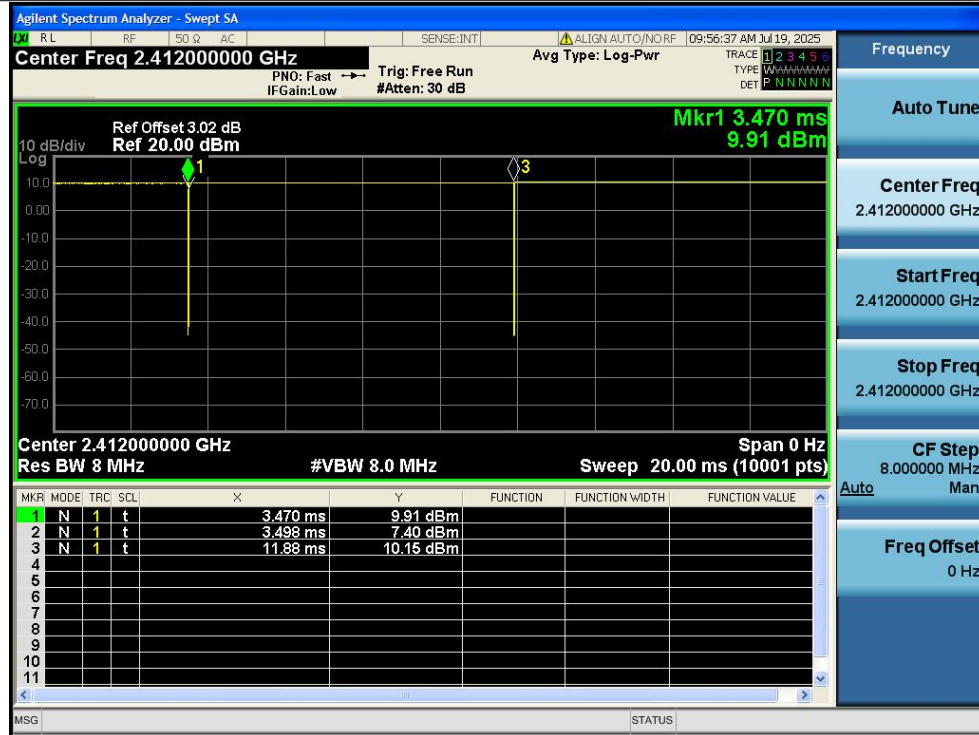
Appendix F 2.4GWIFI-ANT1

Duty Cycle

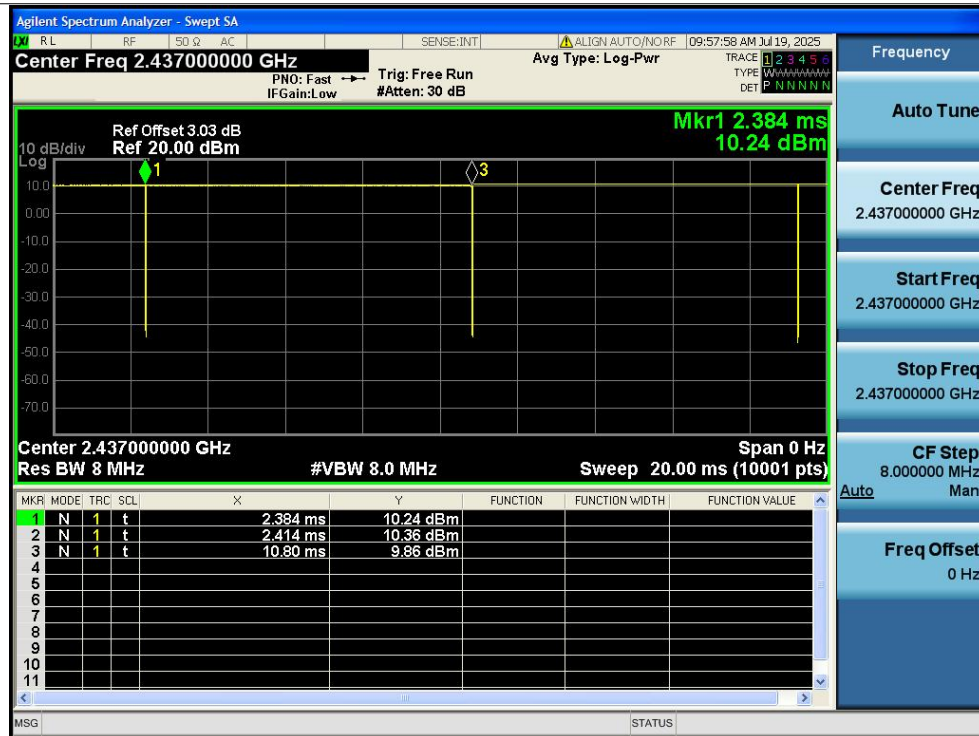
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	99.67	0.01	0.12
NVNT	b	2437	Ant1	99.64	0.02	0.12
NVNT	b	2462	Ant1	99.64	0.02	0.12
NVNT	g	2412	Ant1	97.48	0.11	0.72
NVNT	g	2437	Ant1	97.48	0.11	0.72
NVNT	g	2462	Ant1	97.48	0.11	0.72
NVNT	n20	2412	Ant1	97.31	0.12	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	95.01	0.22	1.54
NVNT	n40	2437	Ant1	94.74	0.23	1.54
NVNT	n40	2452	Ant1	95.01	0.22	1.54

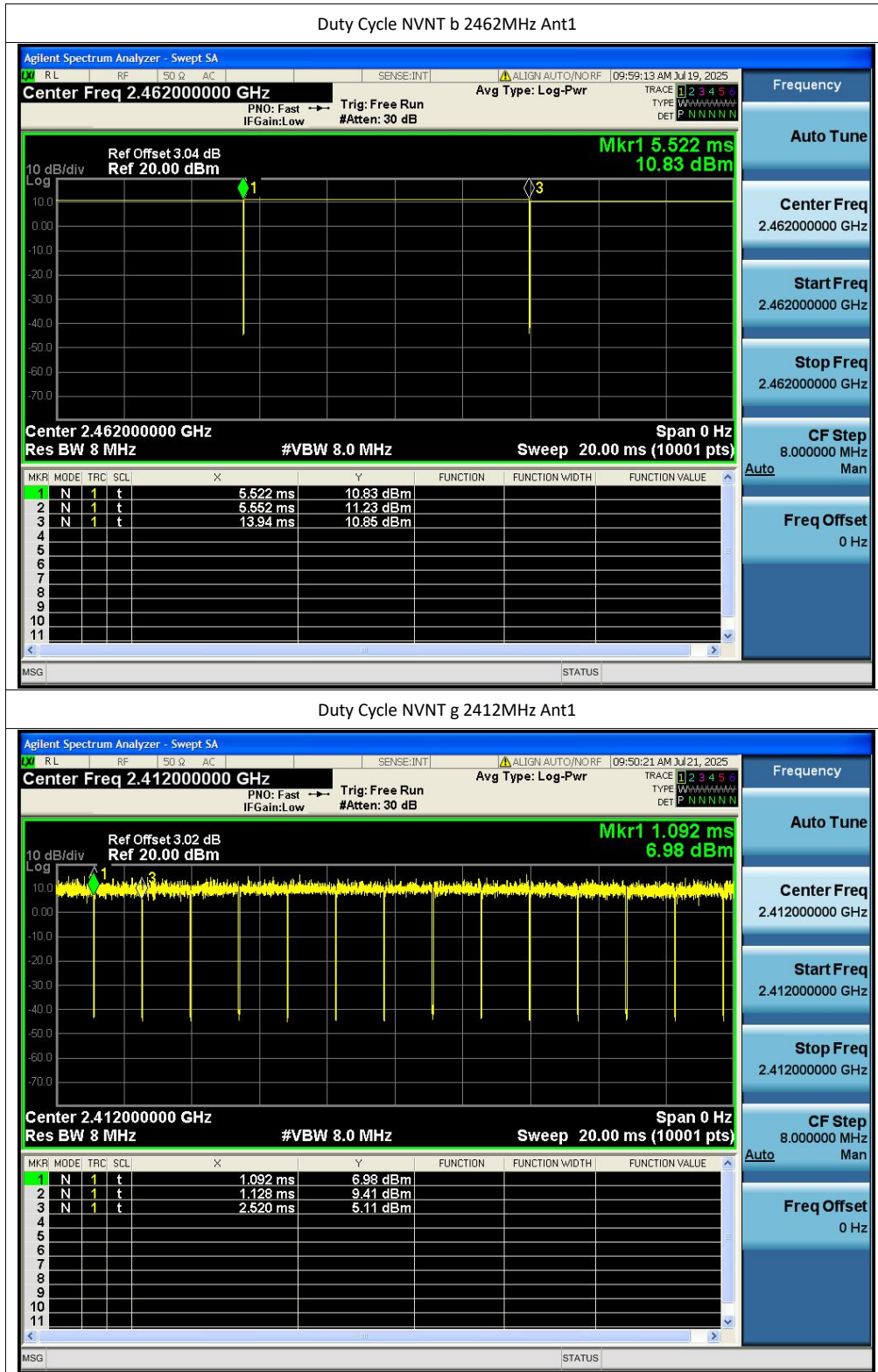
Test Graphs

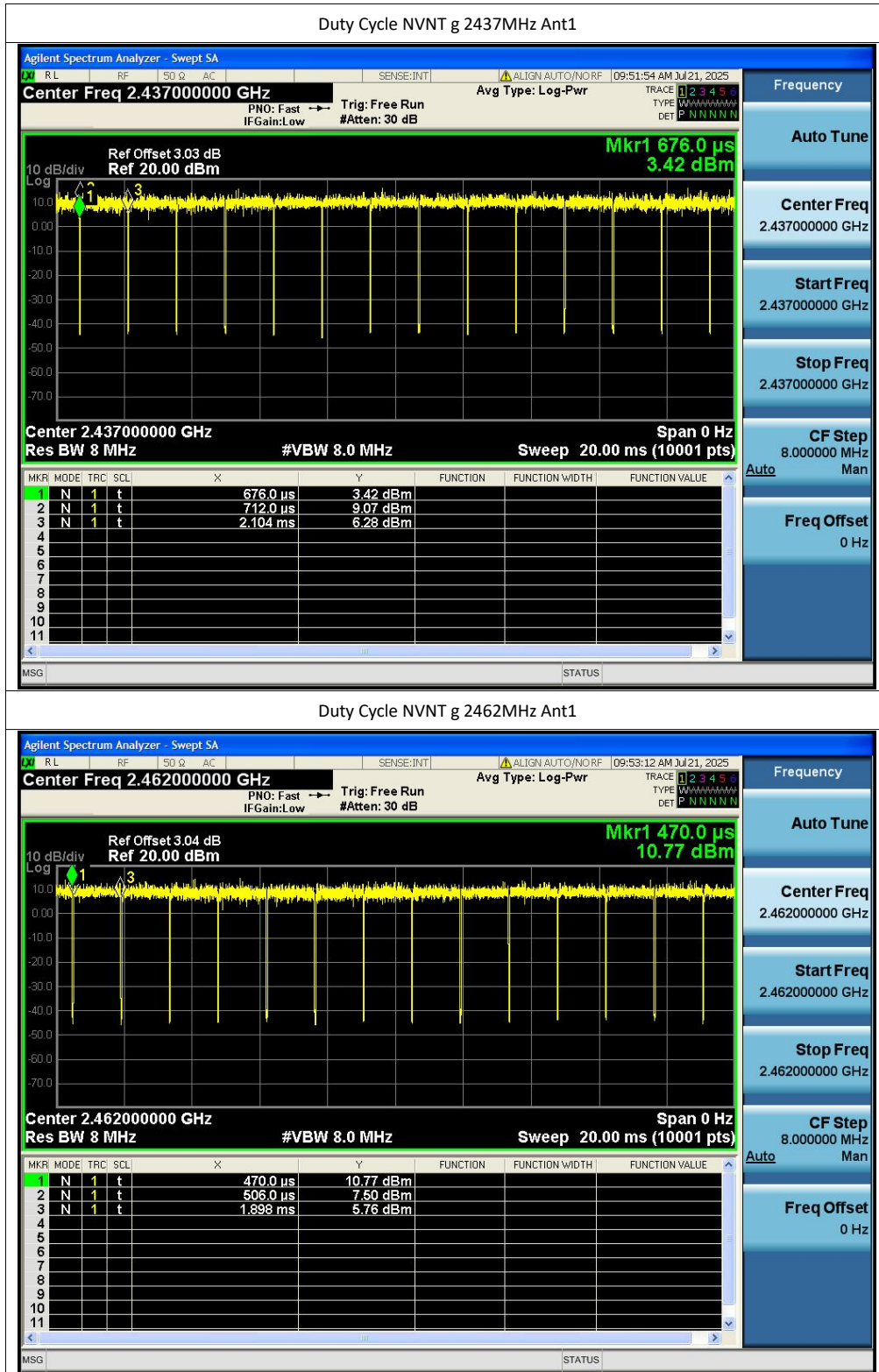
Duty Cycle NVNT b 2412MHz Ant1

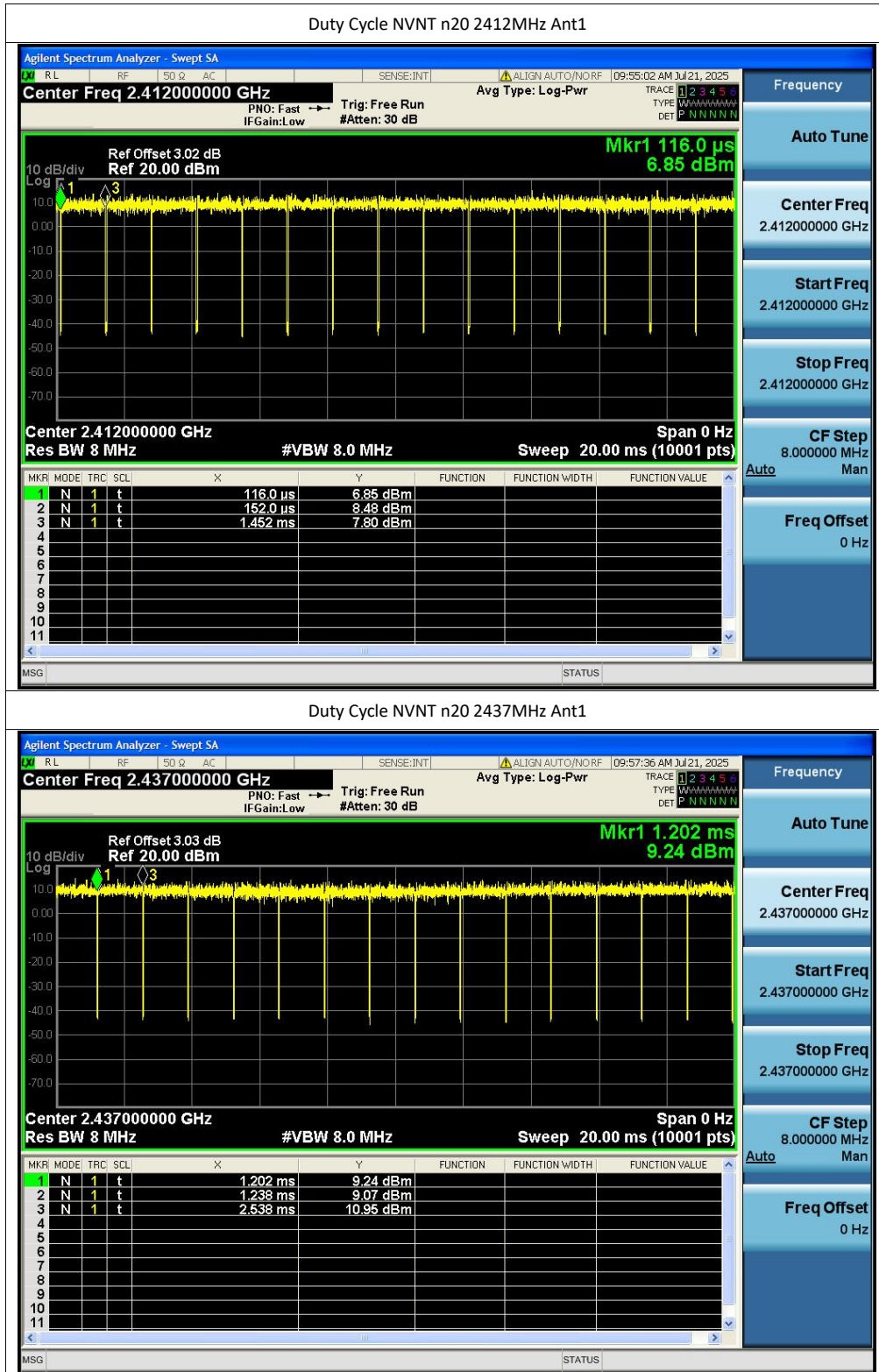


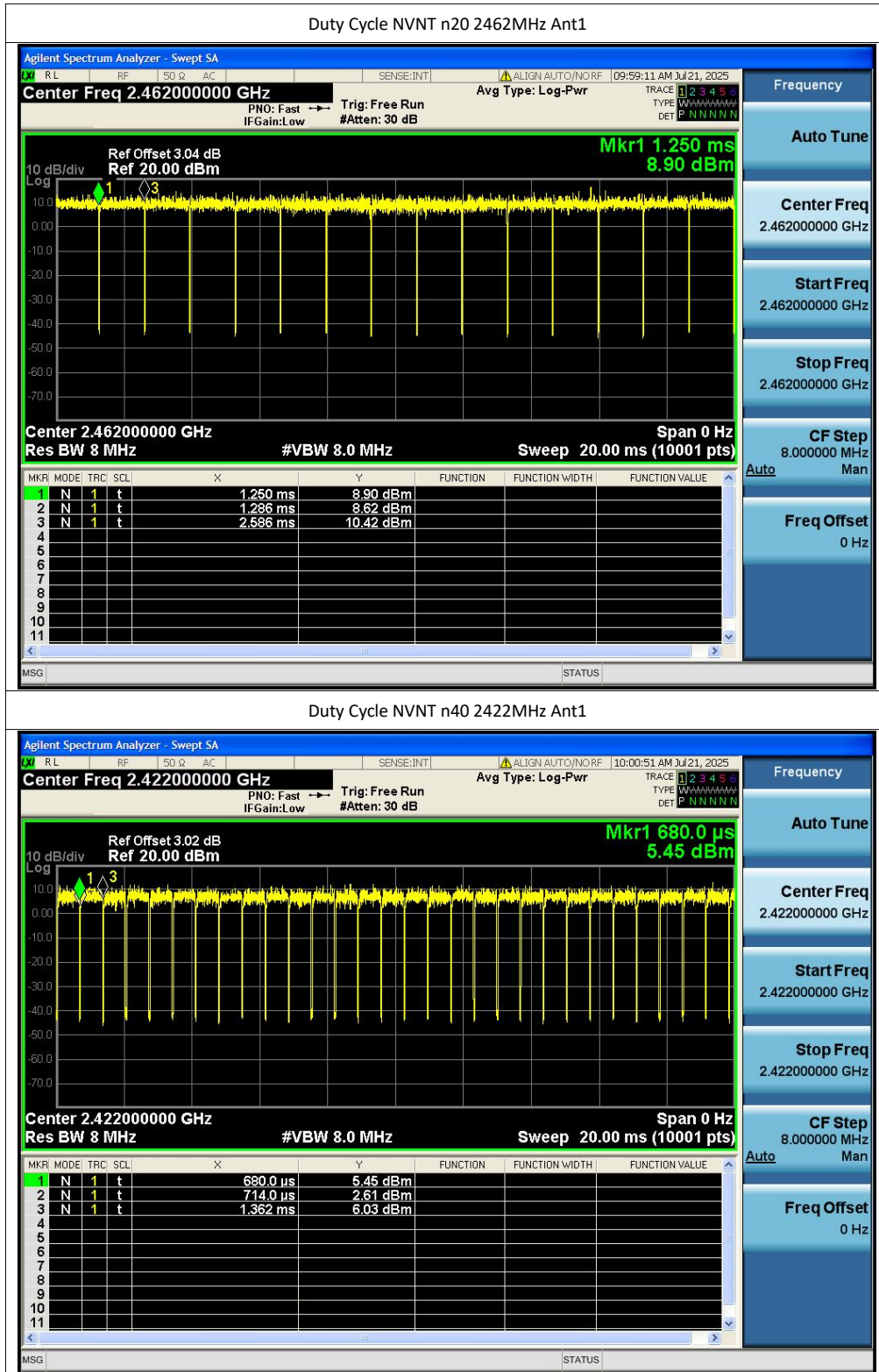
Duty Cycle NVNT b 2437MHz Ant1

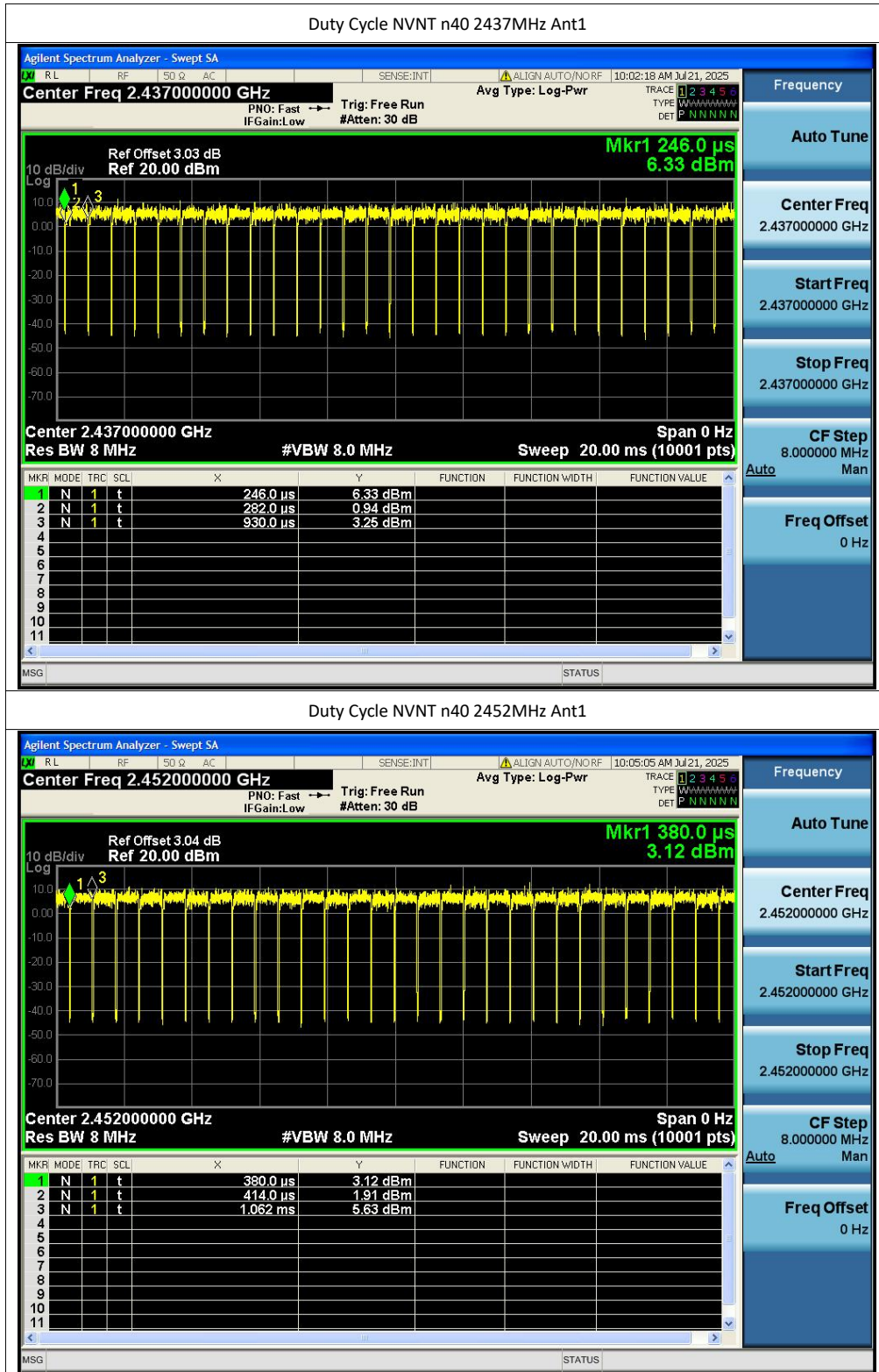














Maximum Conducted Output Power

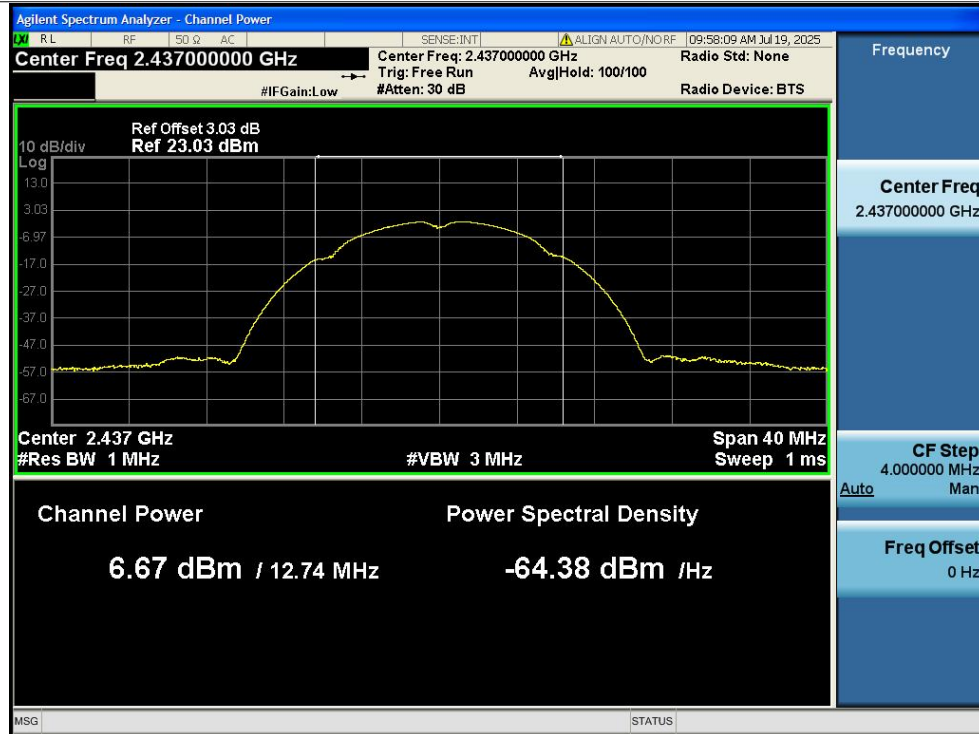
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	6.54	0.01	6.55	30	Pass
NVNT	b	2437	Ant1	6.67	0.02	6.69	30	Pass
NVNT	b	2462	Ant1	6.76	0.02	6.78	30	Pass
NVNT	g	2412	Ant1	6.49	0.11	6.6	30	Pass
NVNT	g	2437	Ant1	6.81	0.11	6.92	30	Pass
NVNT	g	2462	Ant1	5.78	0.11	5.89	30	Pass
NVNT	n20	2412	Ant1	6.49	0.12	6.61	30	Pass
NVNT	n20	2437	Ant1	6.76	0.12	6.88	30	Pass
NVNT	n20	2462	Ant1	6.62	0.12	6.74	30	Pass
NVNT	n40	2422	Ant1	6.74	0.22	6.96	30	Pass
NVNT	n40	2437	Ant1	6	0.23	6.23	30	Pass
NVNT	n40	2452	Ant1	5.91	0.22	6.13	30	Pass

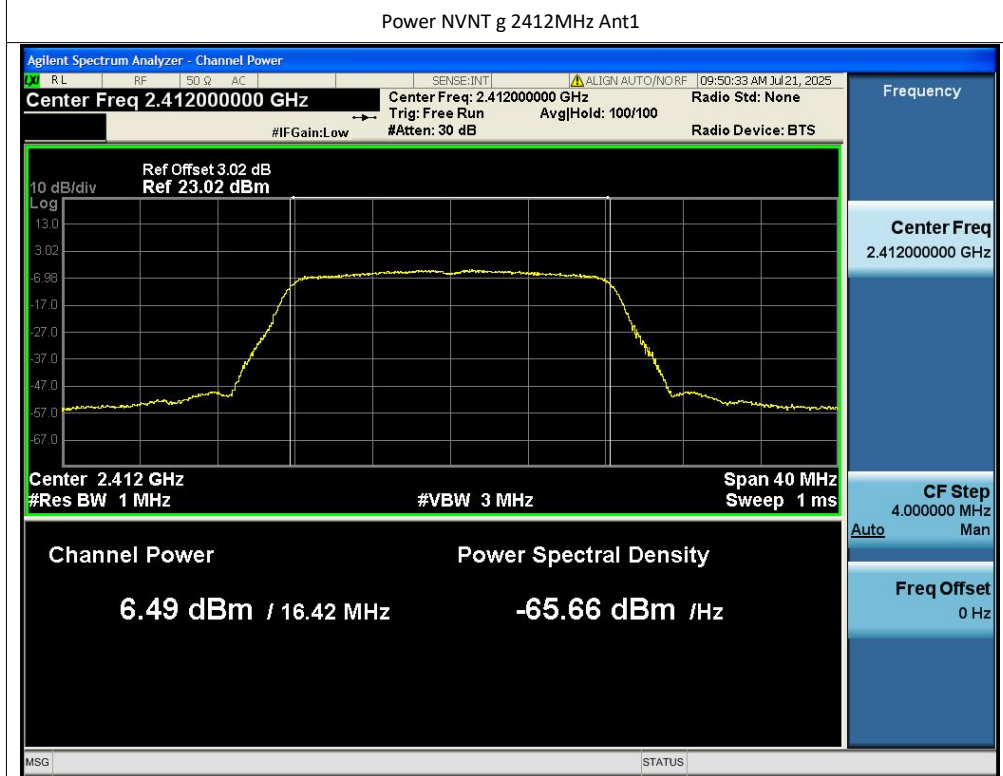
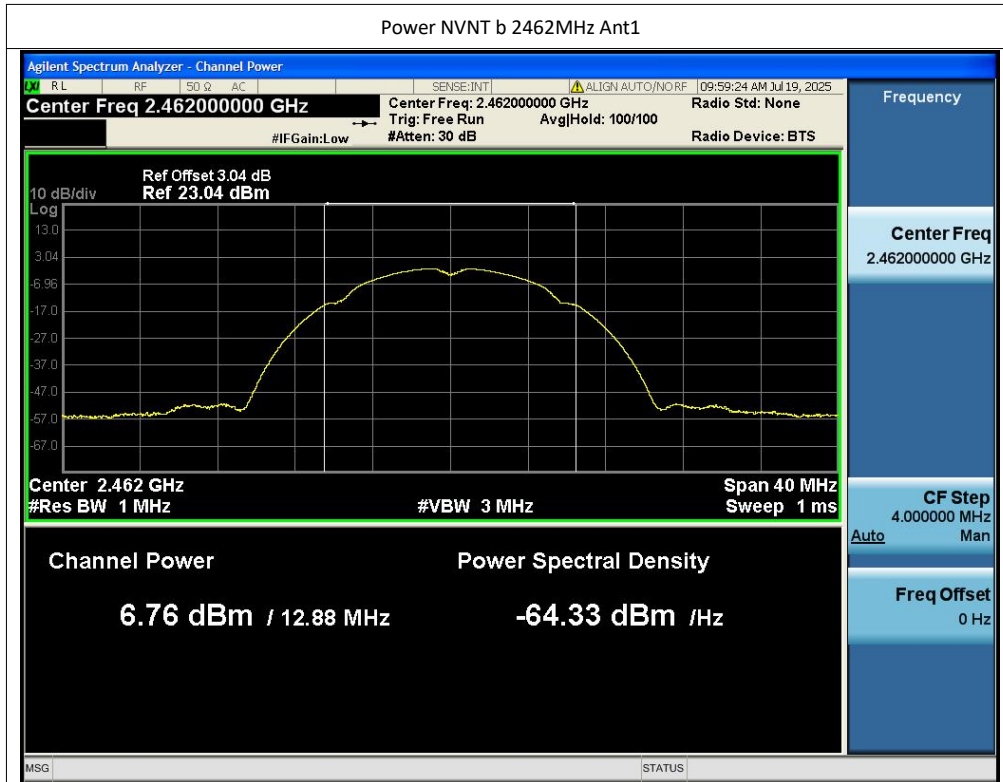
Test Graphs

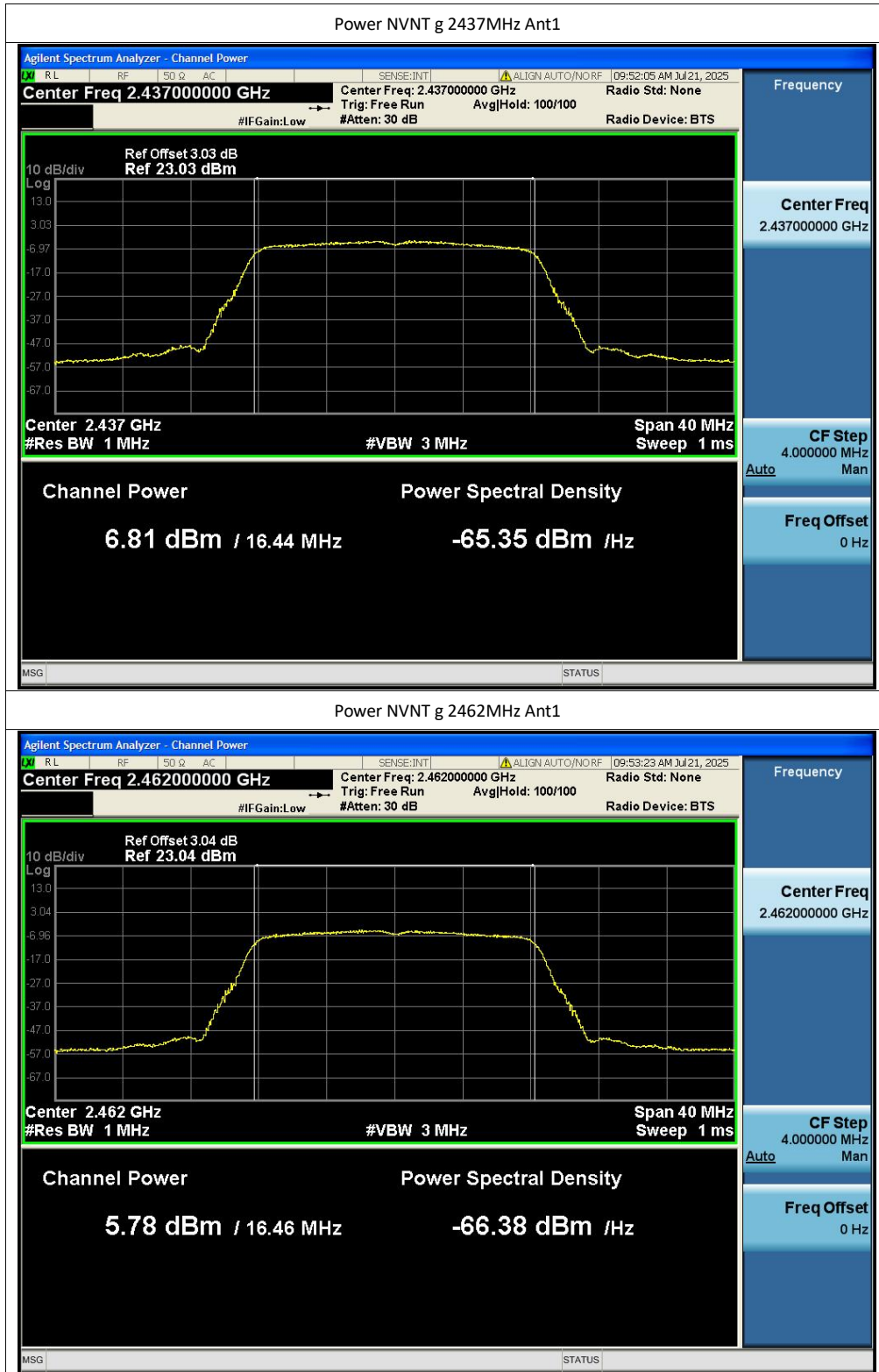
Power NVNT b 2412MHz Ant1

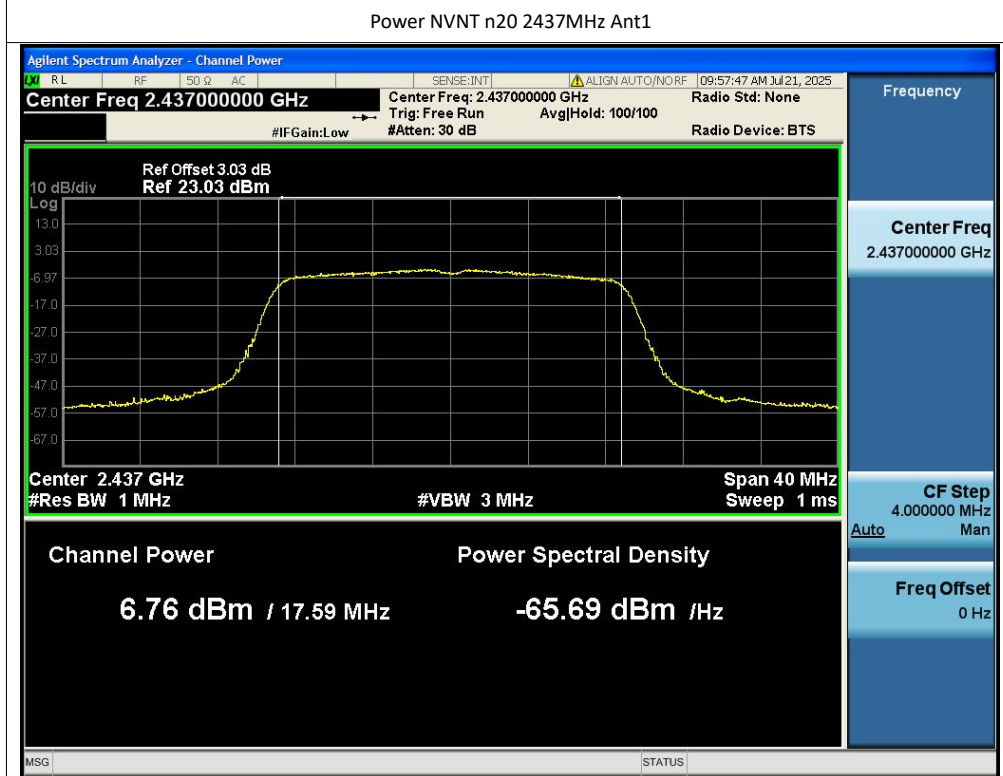
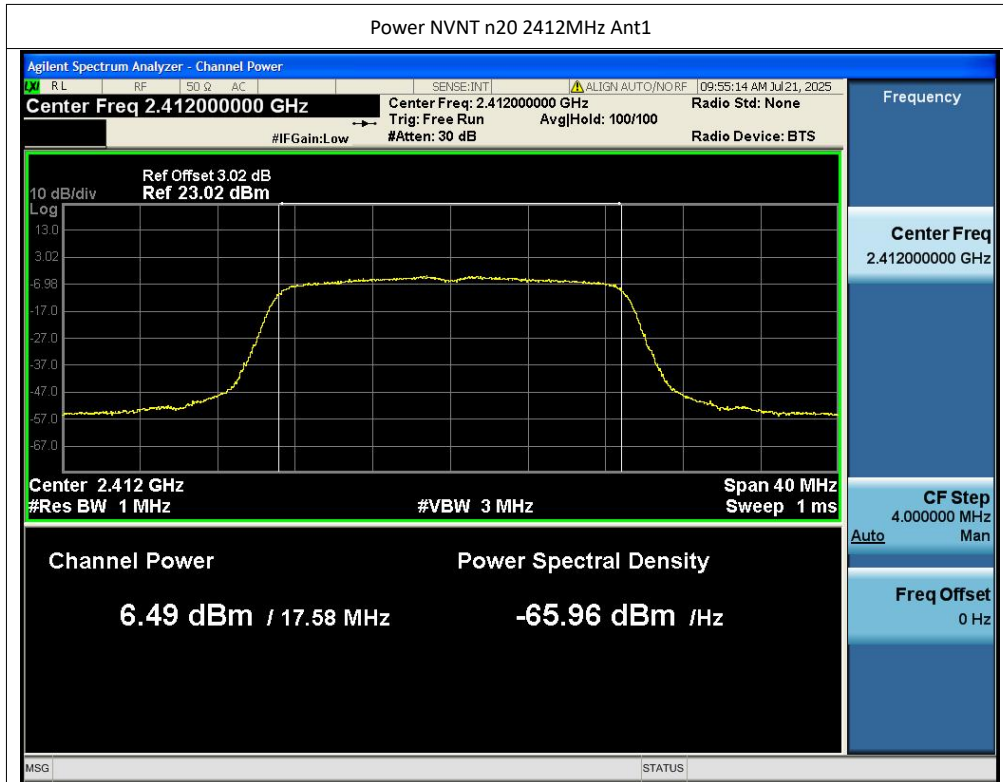


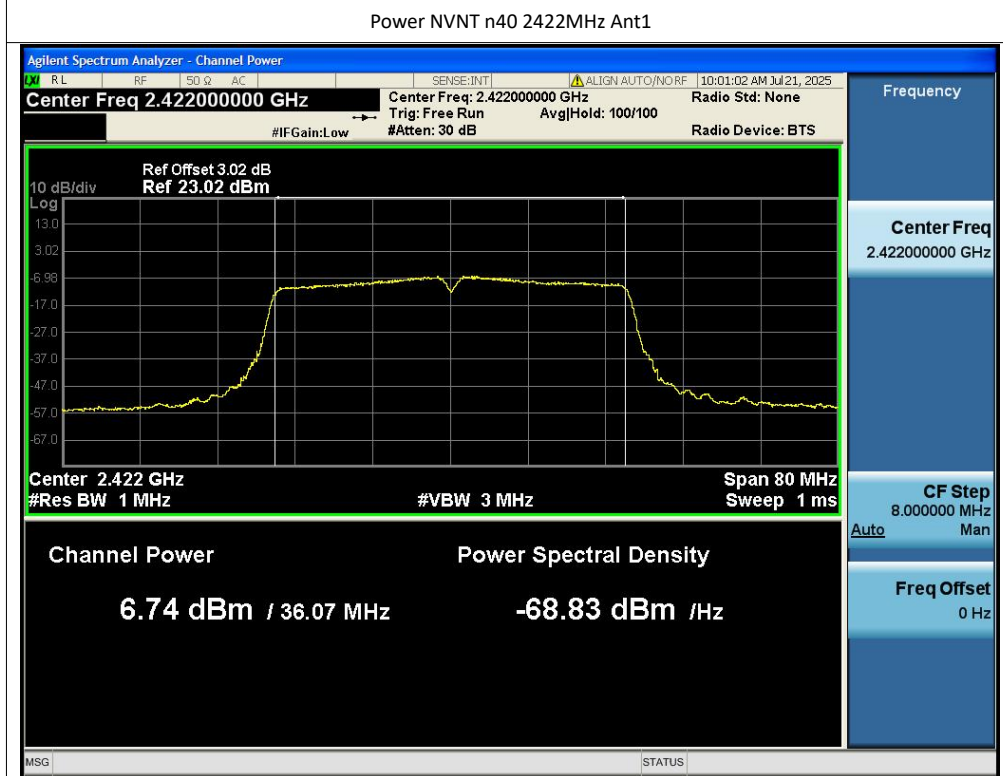
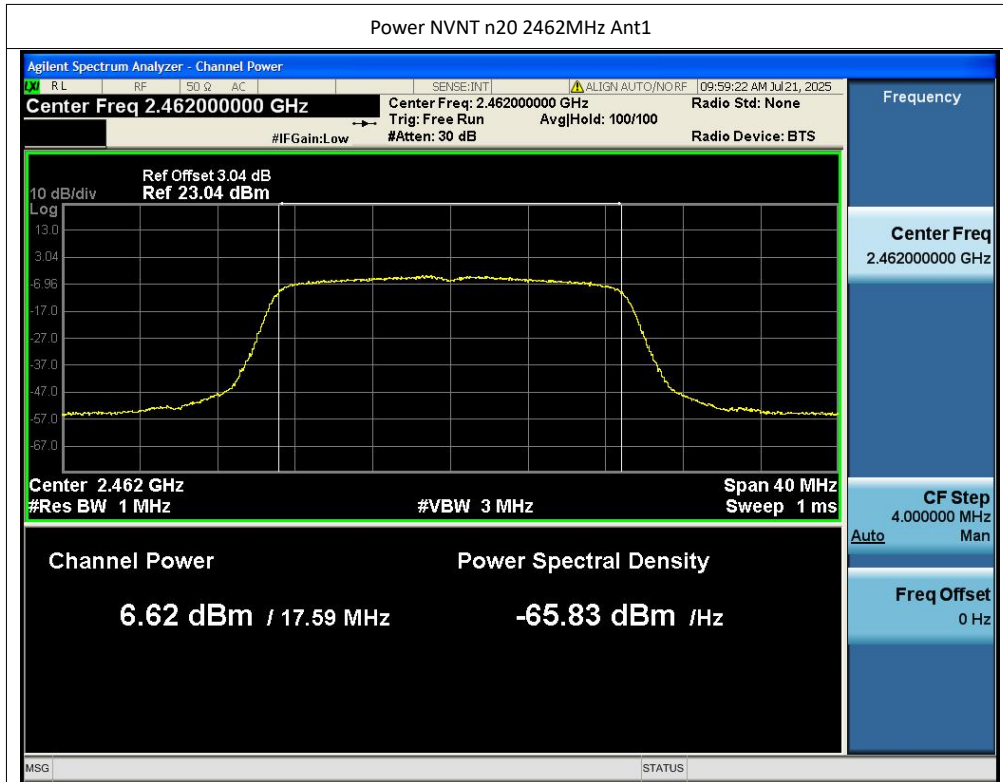
Power NVNT b 2437MHz Ant1

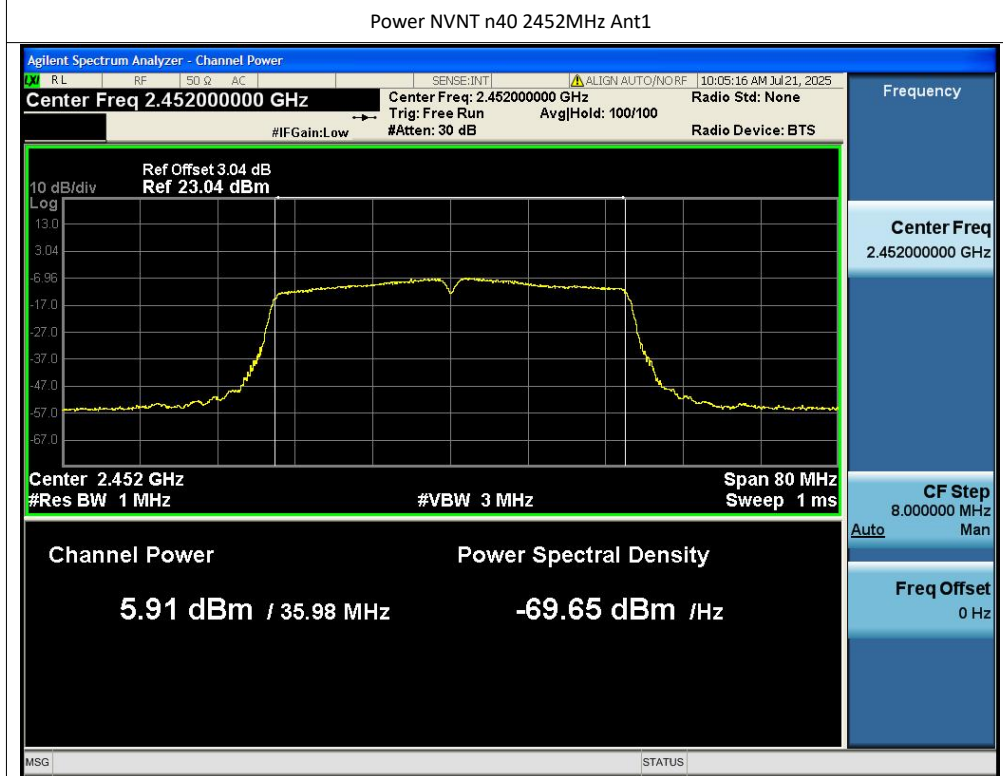
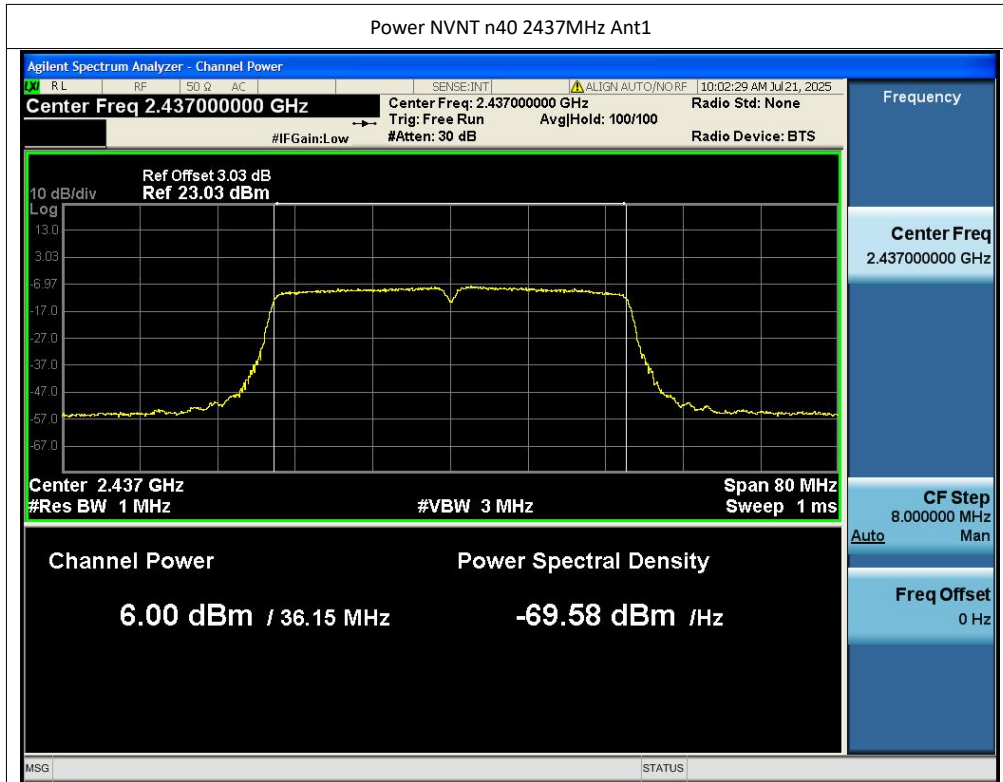












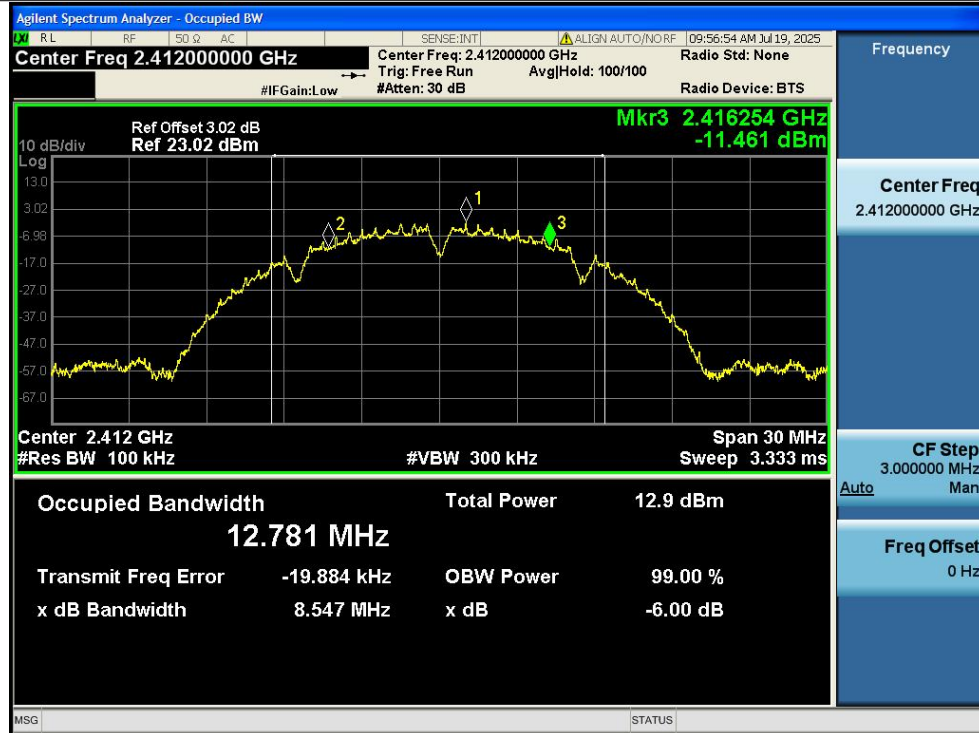


-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	8.547	0.5	Pass
NVNT	b	2437	Ant1	8.045	0.5	Pass
NVNT	b	2462	Ant1	8.02	0.5	Pass
NVNT	g	2412	Ant1	15.269	0.5	Pass
NVNT	g	2437	Ant1	15.912	0.5	Pass
NVNT	g	2462	Ant1	16.012	0.5	Pass
NVNT	n20	2412	Ant1	14.701	0.5	Pass
NVNT	n20	2437	Ant1	16.911	0.5	Pass
NVNT	n20	2462	Ant1	15.036	0.5	Pass
NVNT	n40	2422	Ant1	35.104	0.5	Pass
NVNT	n40	2437	Ant1	35.297	0.5	Pass
NVNT	n40	2452	Ant1	35.072	0.5	Pass

Test Graphs

-6dB Bandwidth NVNT b 2412MHz Ant1



-6dB Bandwidth NVNT b 2437MHz Ant1



-6dB Bandwidth NVNT b 2462MHz Ant1



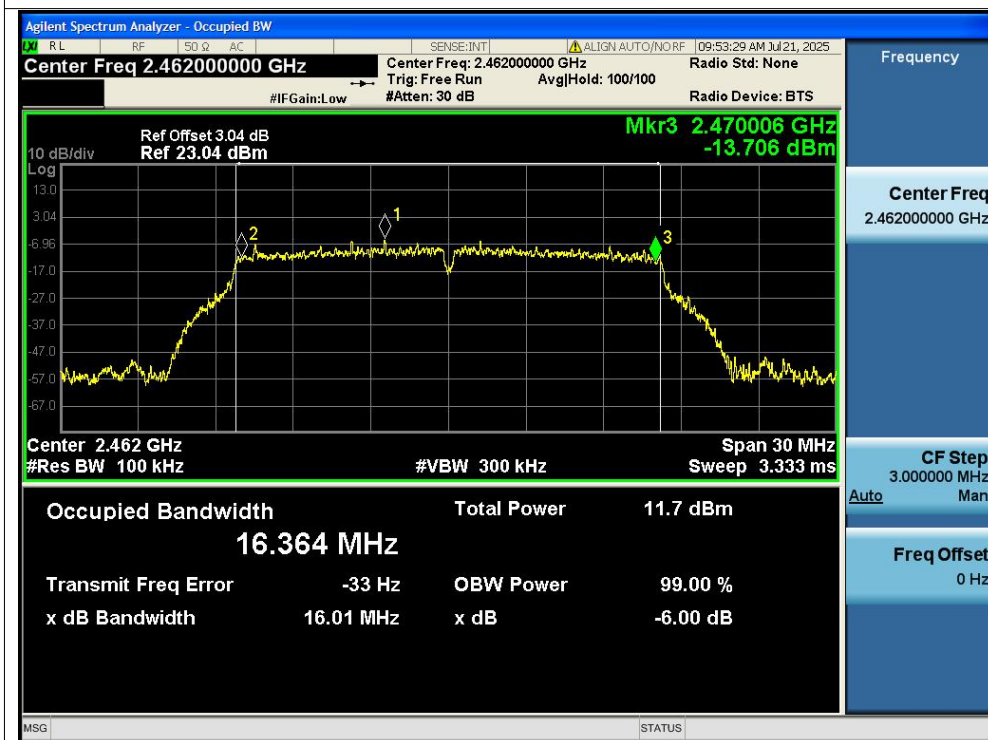
-6dB Bandwidth NVNT g 2412MHz Ant1



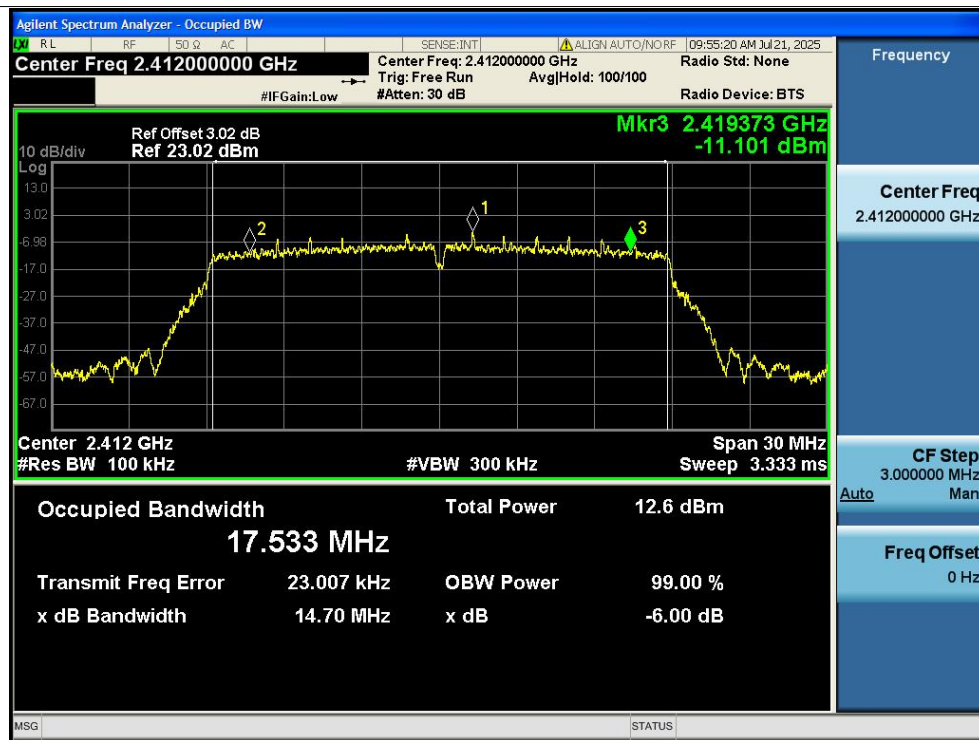
-6dB Bandwidth NVNT g 2437MHz Ant1



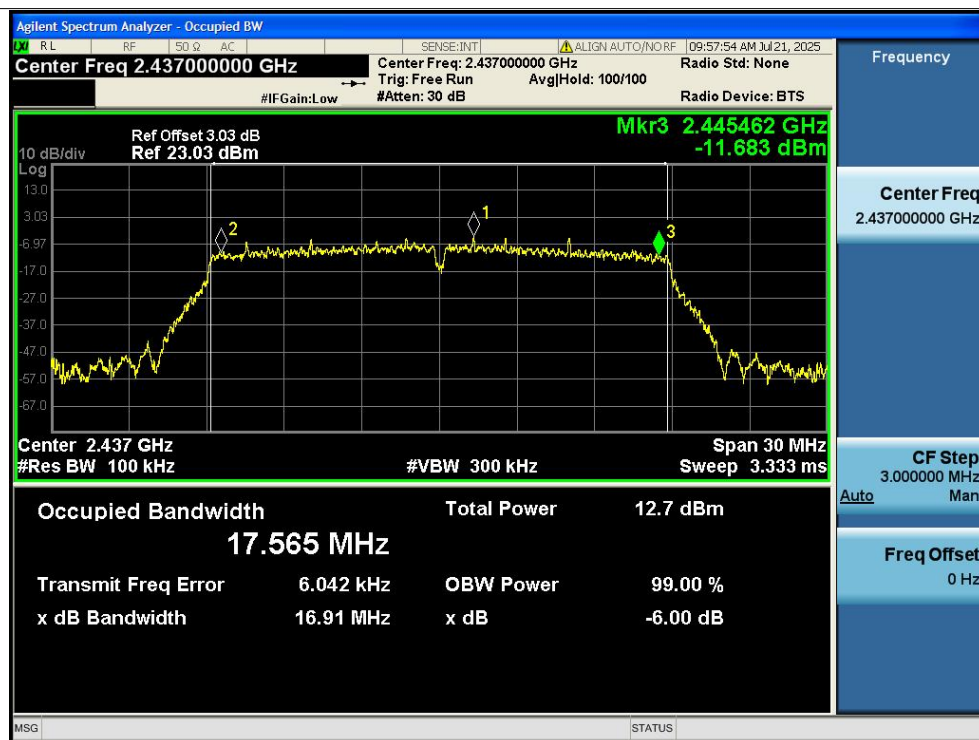
-6dB Bandwidth NVNT g 2462MHz Ant1



-6dB Bandwidth NVNT n20 2412MHz Ant1



-6dB Bandwidth NVNT n20 2437MHz Ant1



-6dB Bandwidth NVNT n20 2462MHz Ant1



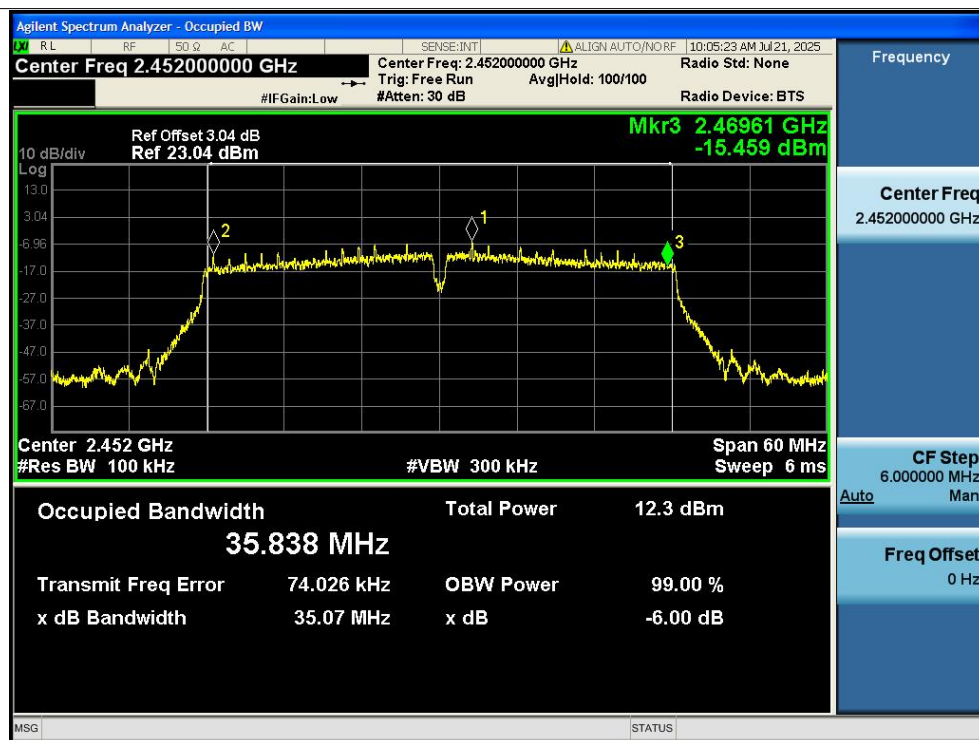
-6dB Bandwidth NVNT n40 2422MHz Ant1



-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	12.811
NVNT	b	2437	Ant1	12.74
NVNT	b	2462	Ant1	12.876
NVNT	g	2412	Ant1	16.417
NVNT	g	2437	Ant1	16.441
NVNT	g	2462	Ant1	16.462
NVNT	n20	2412	Ant1	17.577
NVNT	n20	2437	Ant1	17.594
NVNT	n20	2462	Ant1	17.588
NVNT	n40	2422	Ant1	36.066
NVNT	n40	2437	Ant1	36.152
NVNT	n40	2452	Ant1	35.979