



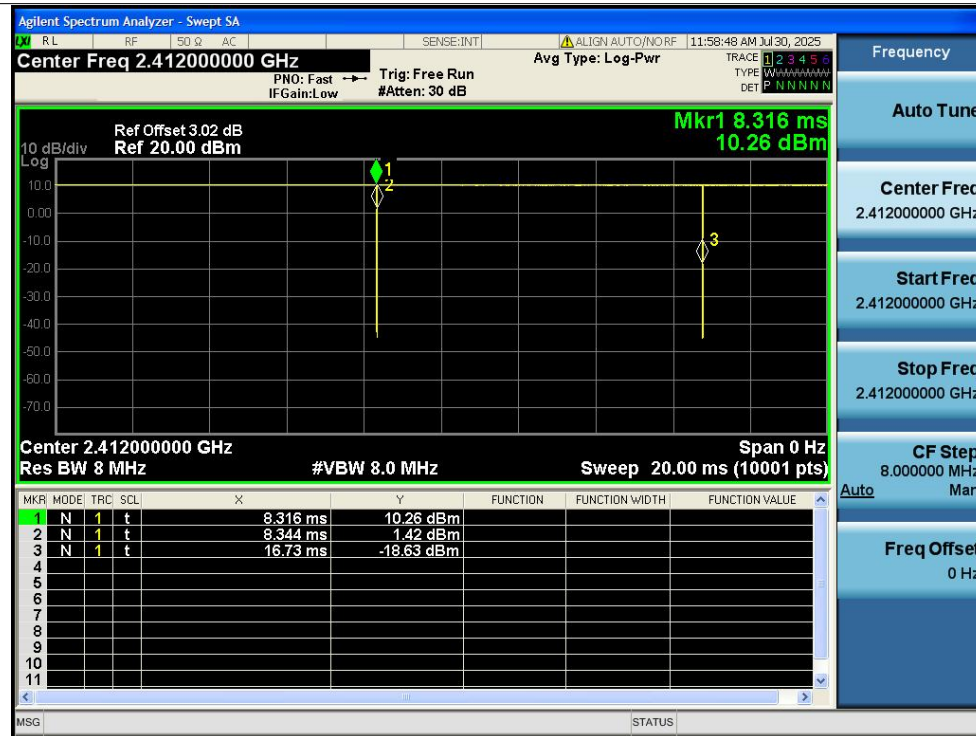
Appendix B 2.4GWIFI

Duty Cycle

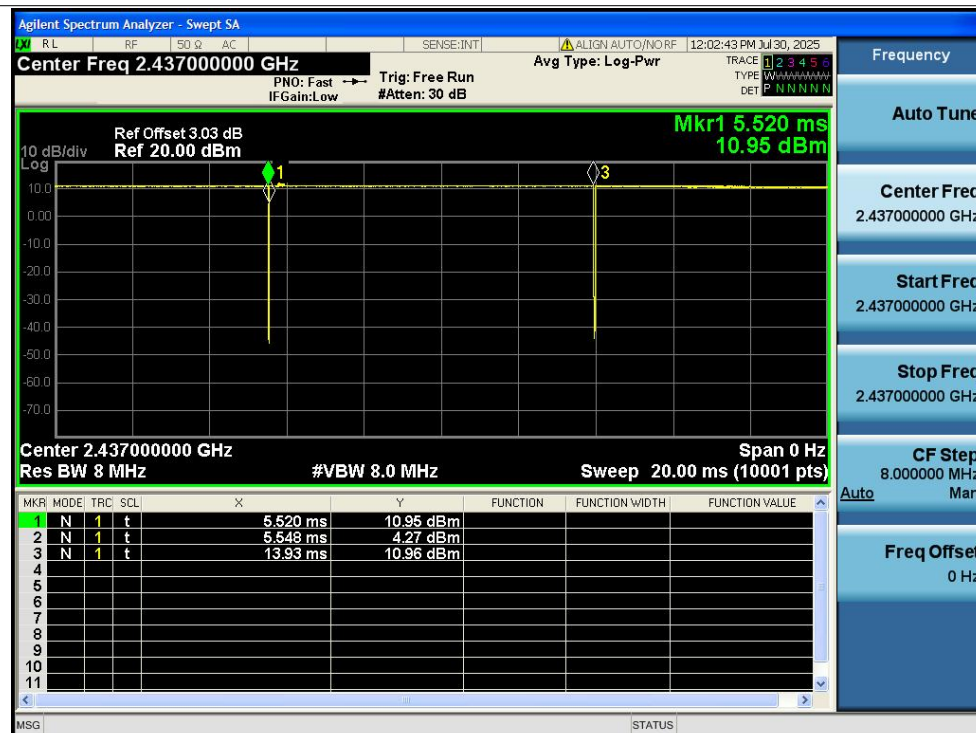
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	Ant1	99.67	0.01	0.12
NVNT	b	2437	Ant1	99.67	0.01	0.12
NVNT	b	2462	Ant1	99.67	0.01	0.12
NVNT	g	2412	Ant1	97.48	0.11	0.72
NVNT	g	2437	Ant1	97.48	0.11	0.72
NVNT	g	2462	Ant1	97.48	0.11	0.72
NVNT	n20	2412	Ant1	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	97.31	0.12	0.77
NVNT	n40	2437	Ant1	97.31	0.12	0.77
NVNT	n40	2452	Ant1	97.45	0.11	0.77
NVNT	ax20	2412	Ant1	98.86	0.05	0.25
NVNT	ax20	2437	Ant1	98.81	0.05	0.25
NVNT	ax20	2462	Ant1	98.81	0.05	0.25
NVNT	ax40	2422	Ant1	98.81	0.05	0.25
NVNT	ax40	2437	Ant1	98.81	0.05	0.25
NVNT	ax40	2452	Ant1	98.86	0.05	0.25

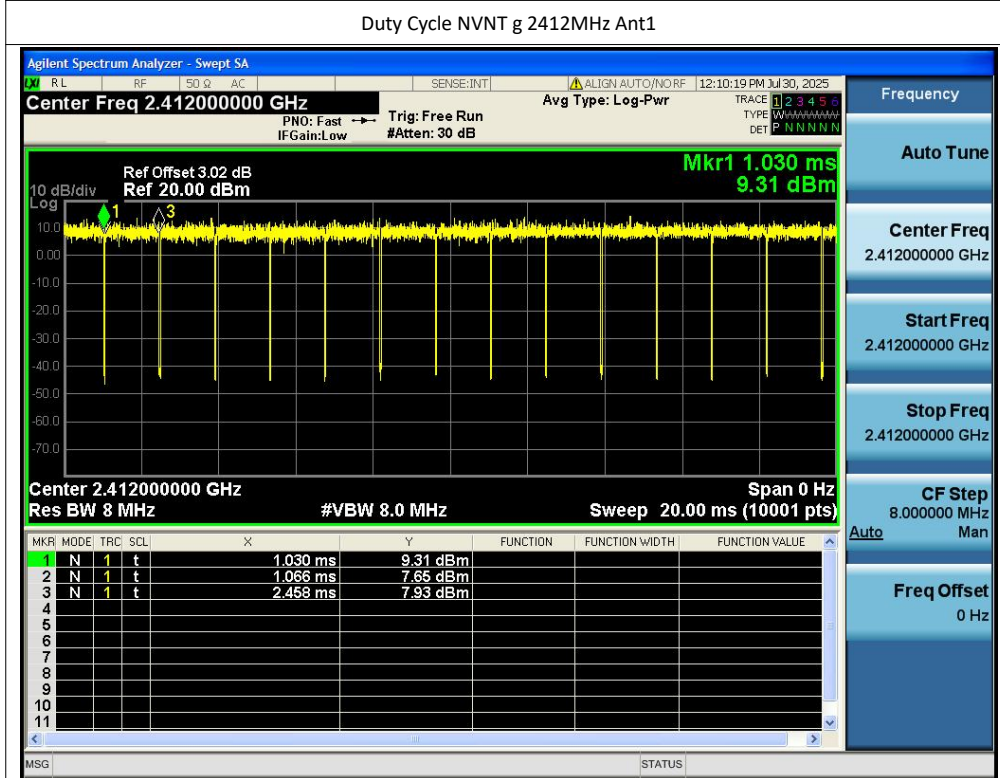
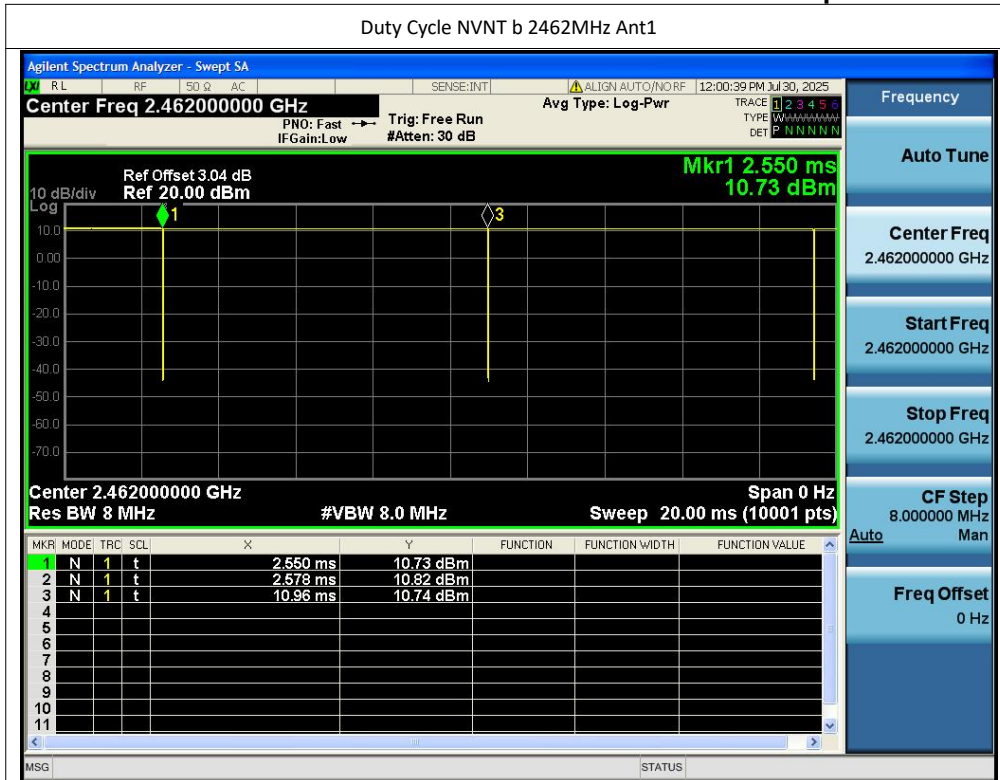
Test Graphs

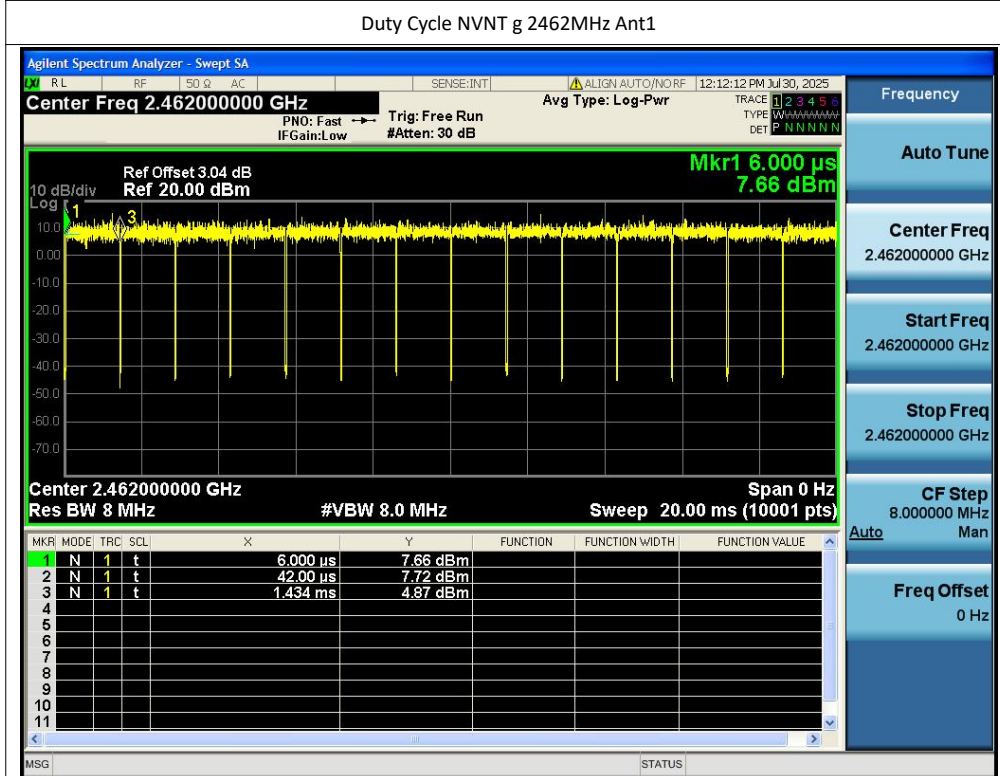
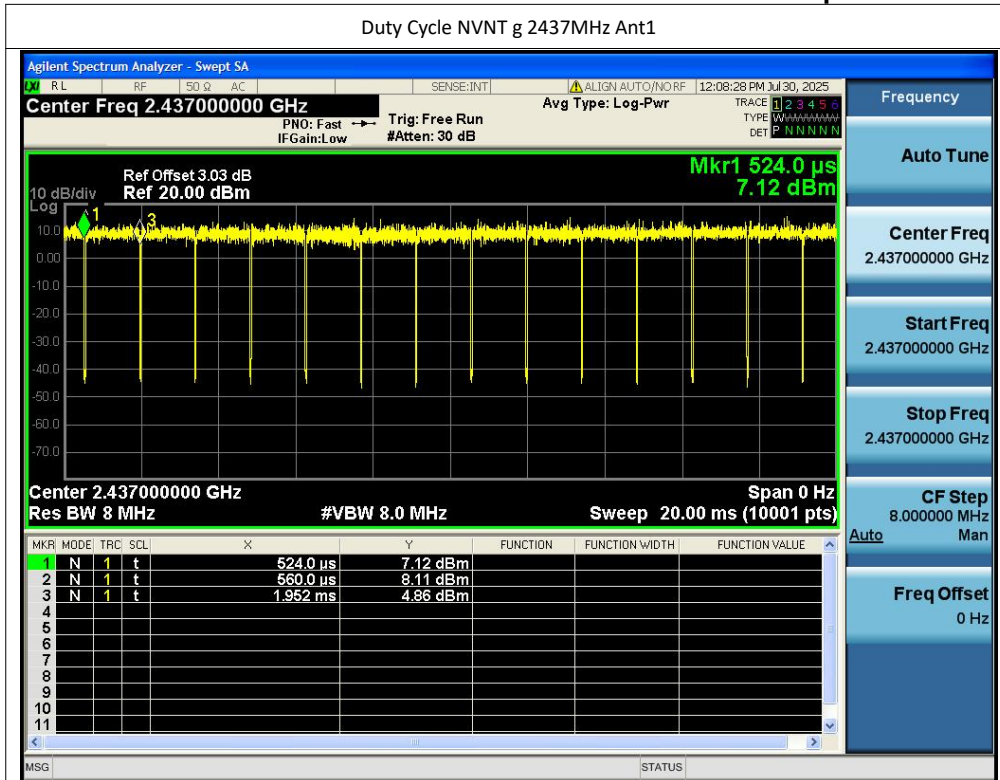
Duty Cycle NVNT b 2412MHz Ant1



Duty Cycle NVNT b 2437MHz Ant1

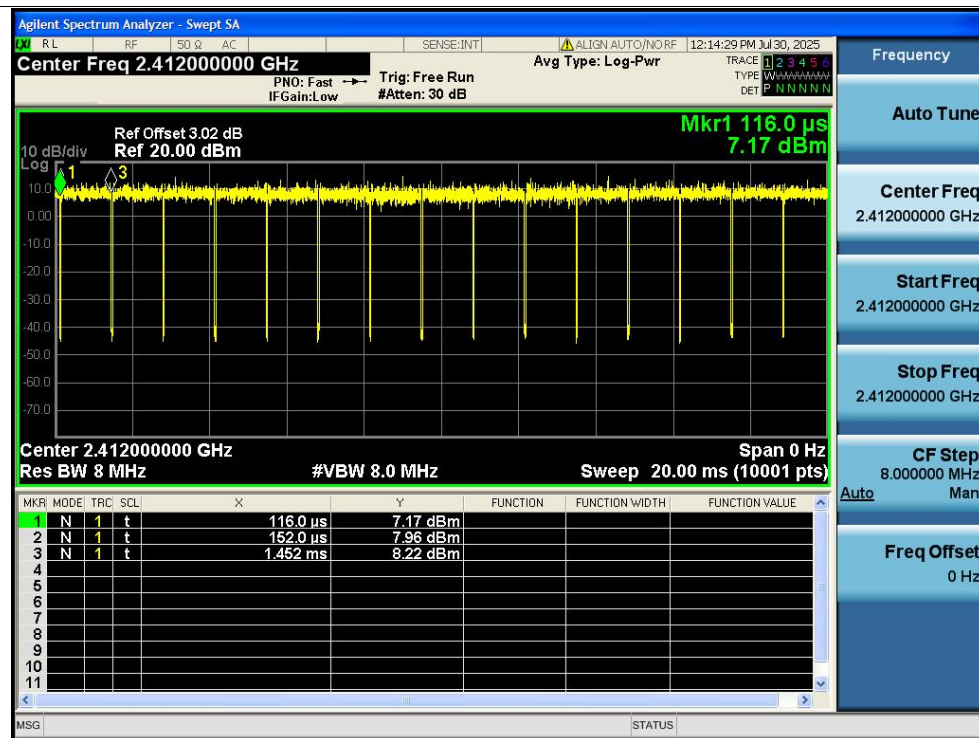




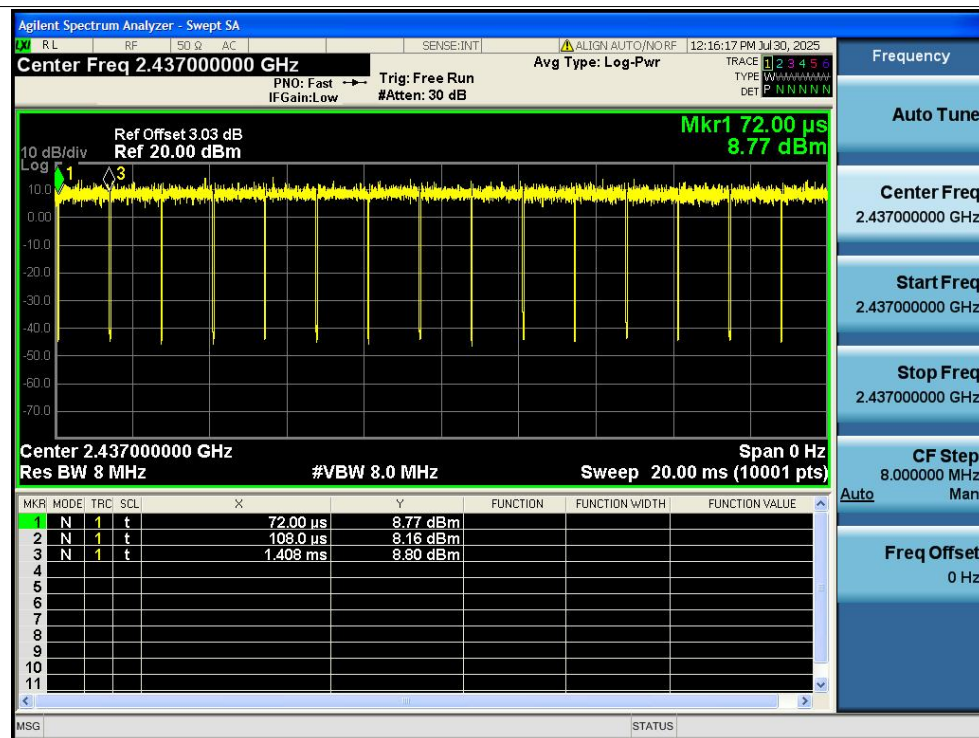




Duty Cycle NVNT n20 2412MHz Ant1

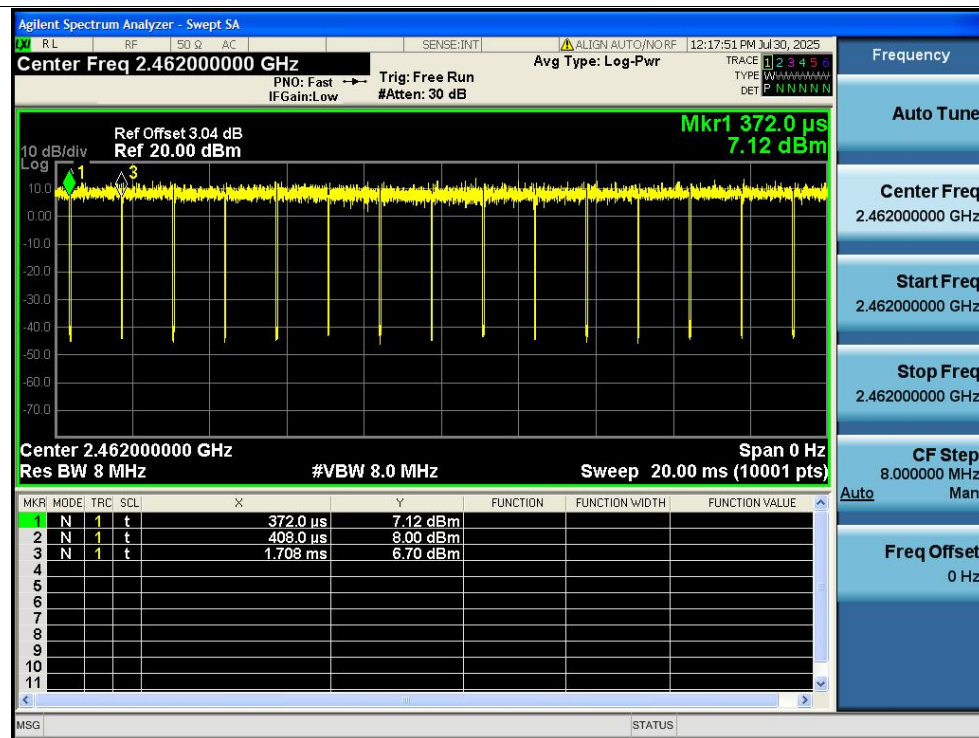


Duty Cycle NVNT n20 2437MHz Ant1

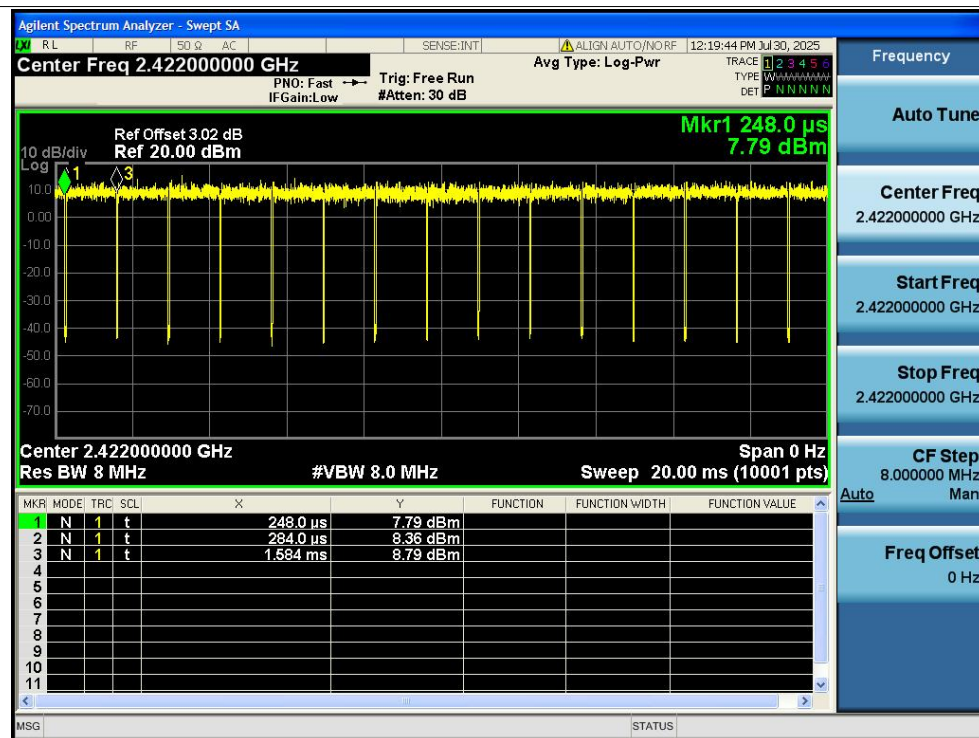




Duty Cycle NVNT n20 2462MHz Ant1

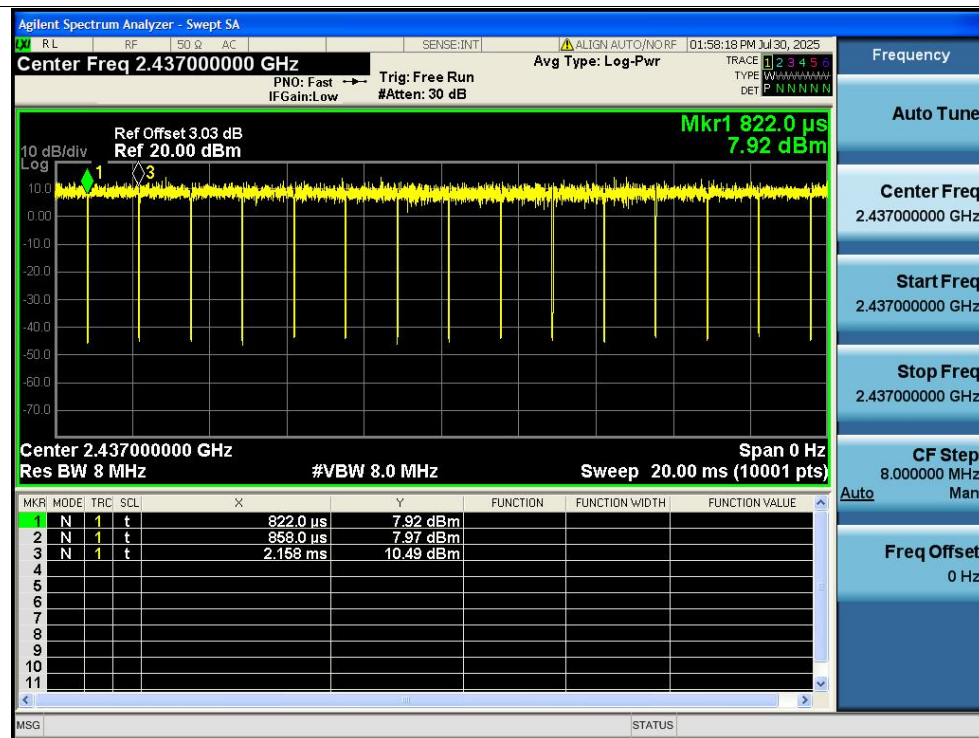


Duty Cycle NVNT n40 2422MHz Ant1

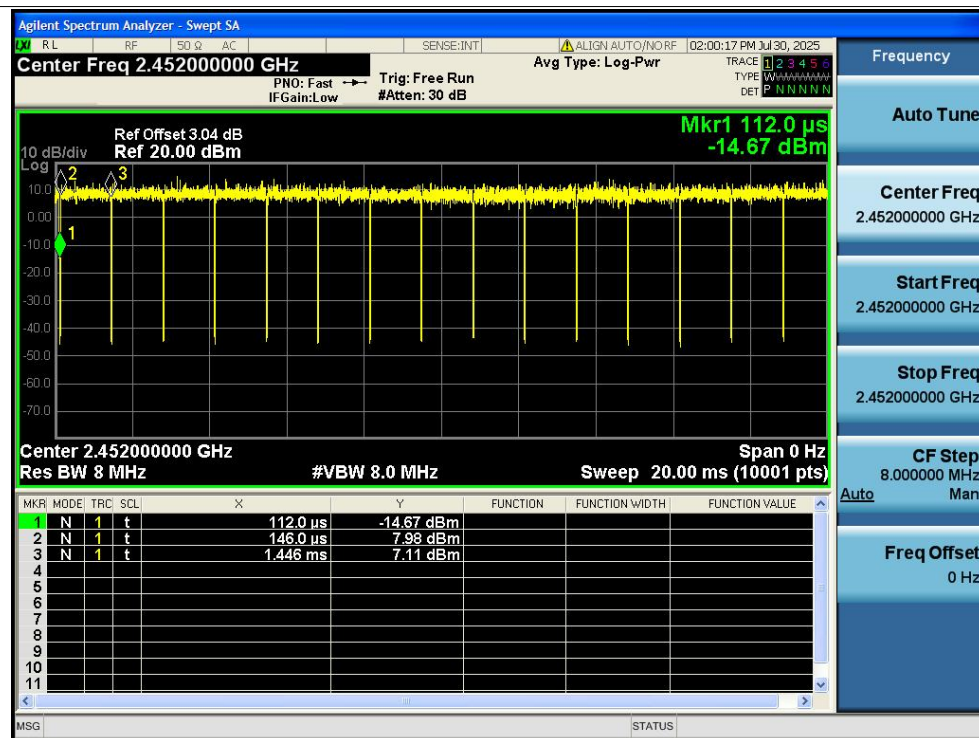




Duty Cycle NVNT n40 2437MHz Ant1

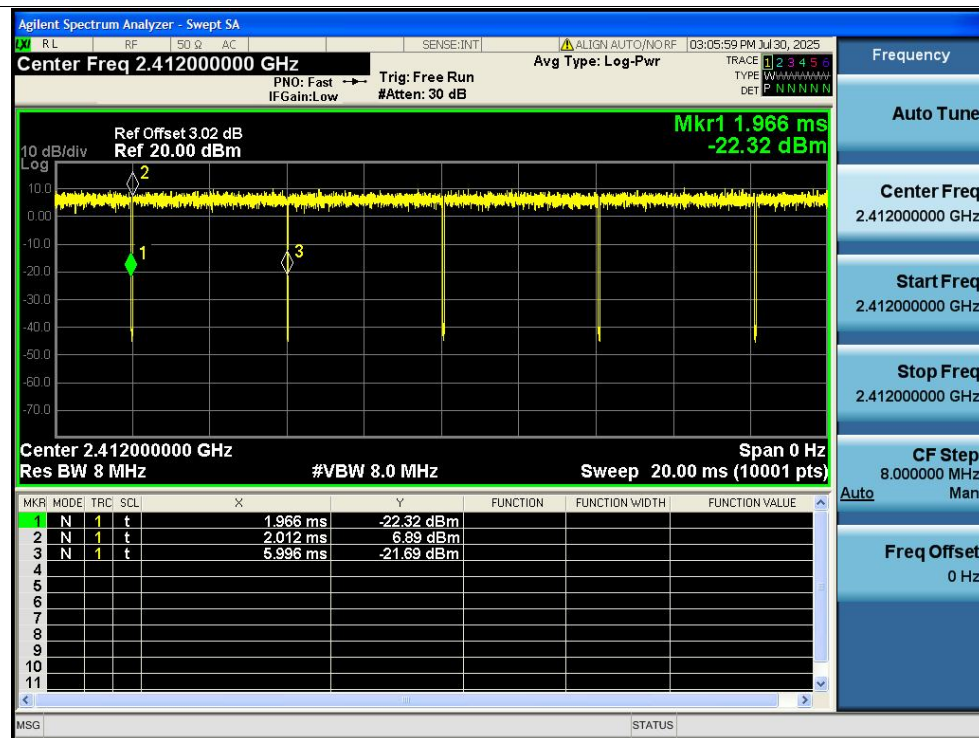


Duty Cycle NVNT n40 2452MHz Ant1

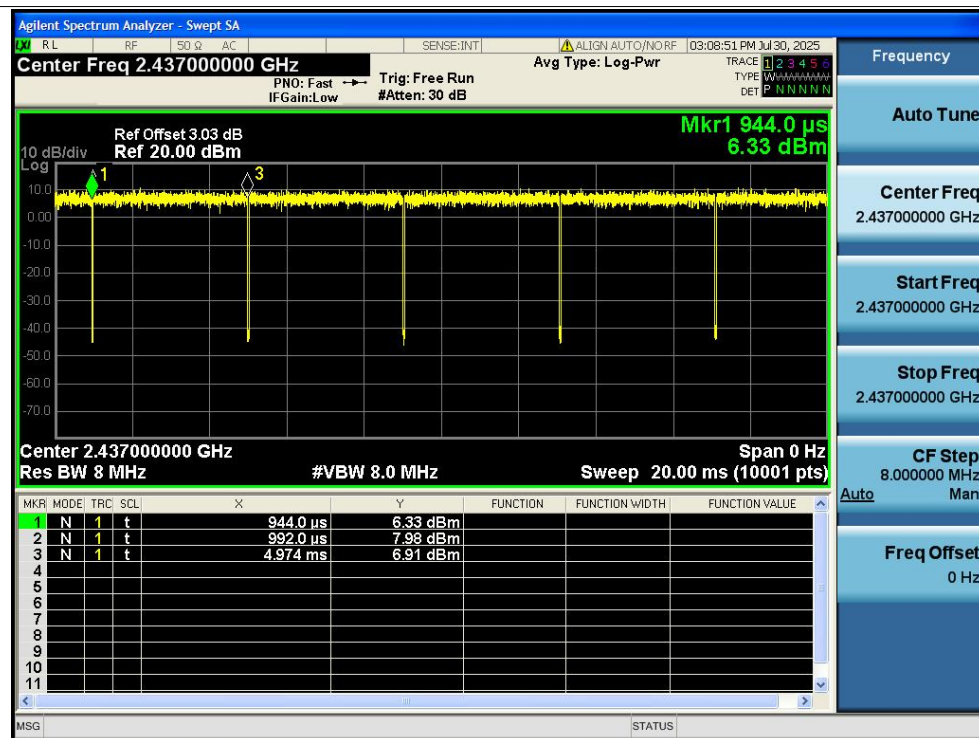




Duty Cycle NVNT ax20 2412MHz Ant1

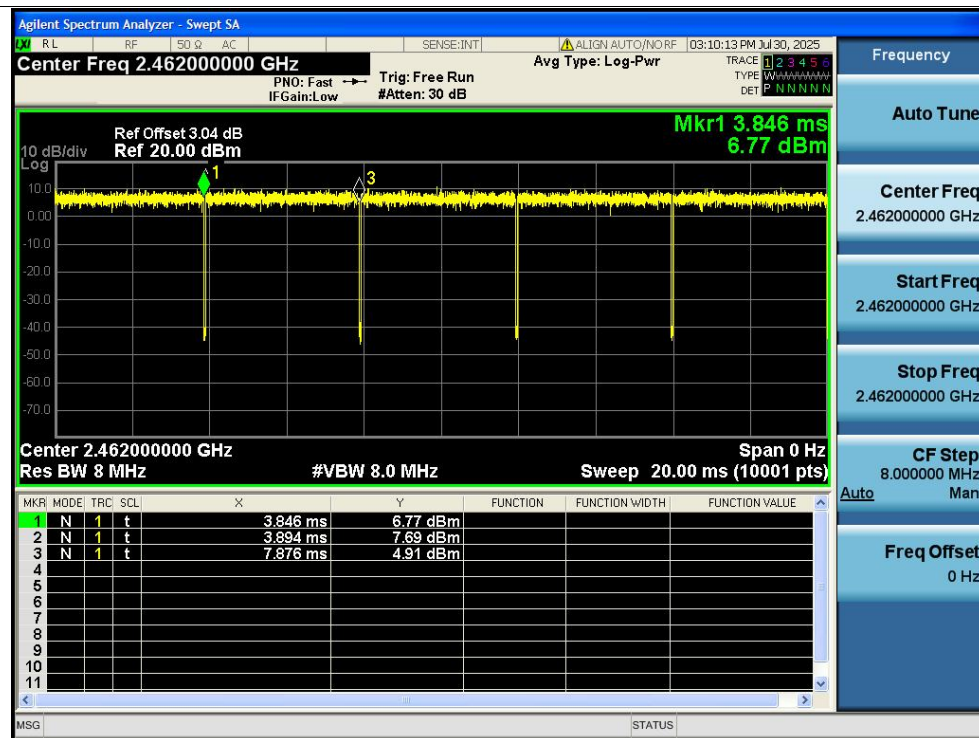


Duty Cycle NVNT ax20 2437MHz Ant1

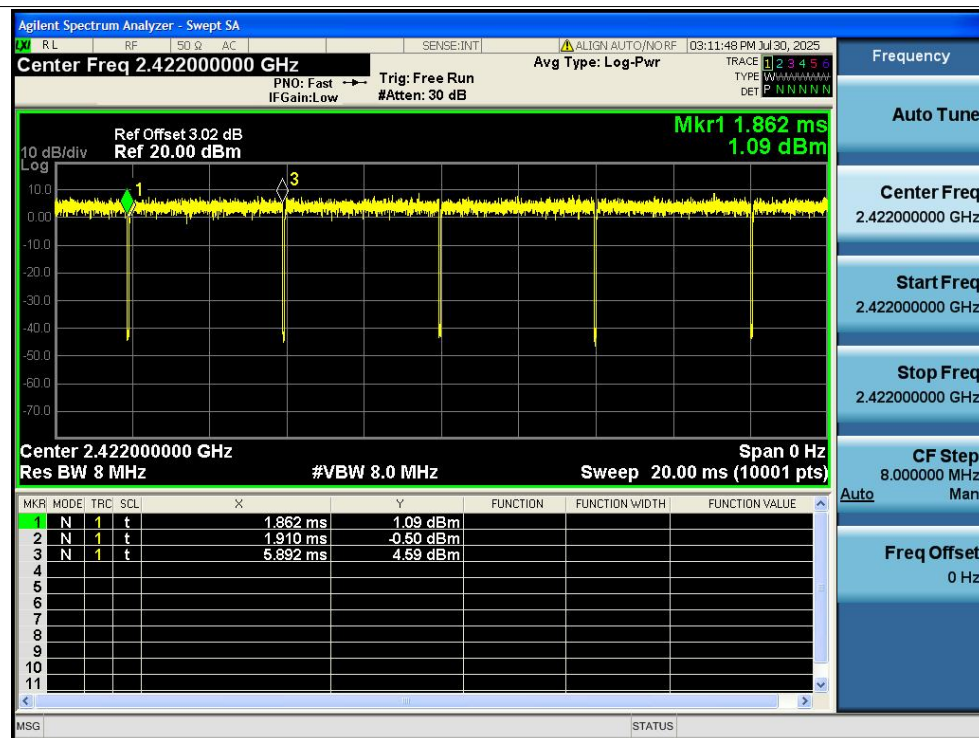




Duty Cycle NVNT ax20 2462MHz Ant1

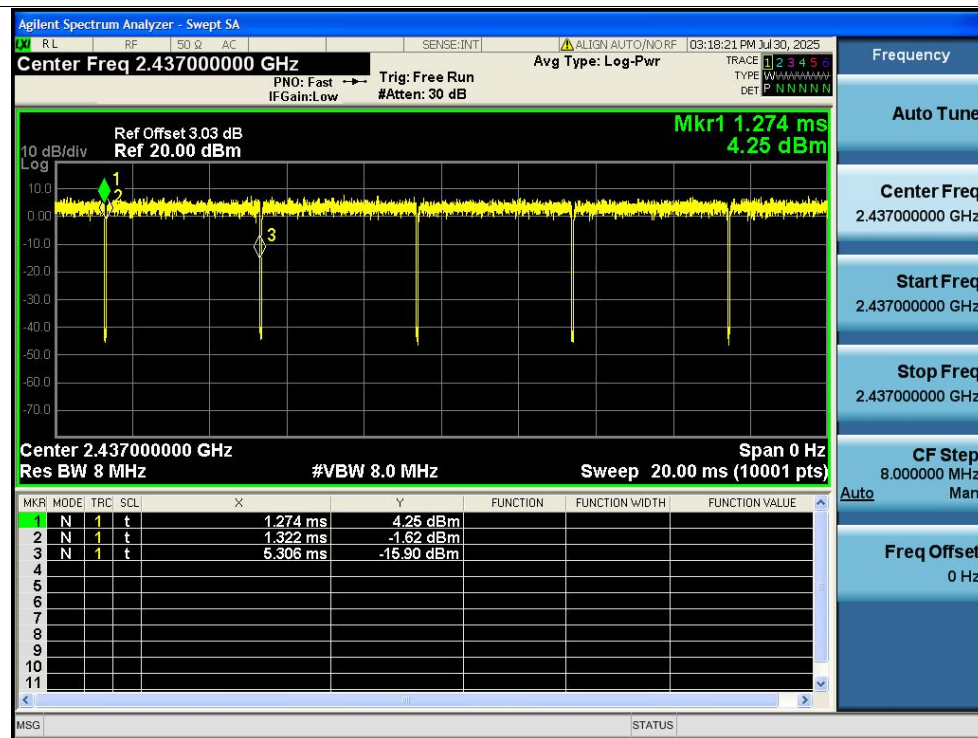


Duty Cycle NVNT ax40 2422MHz Ant1

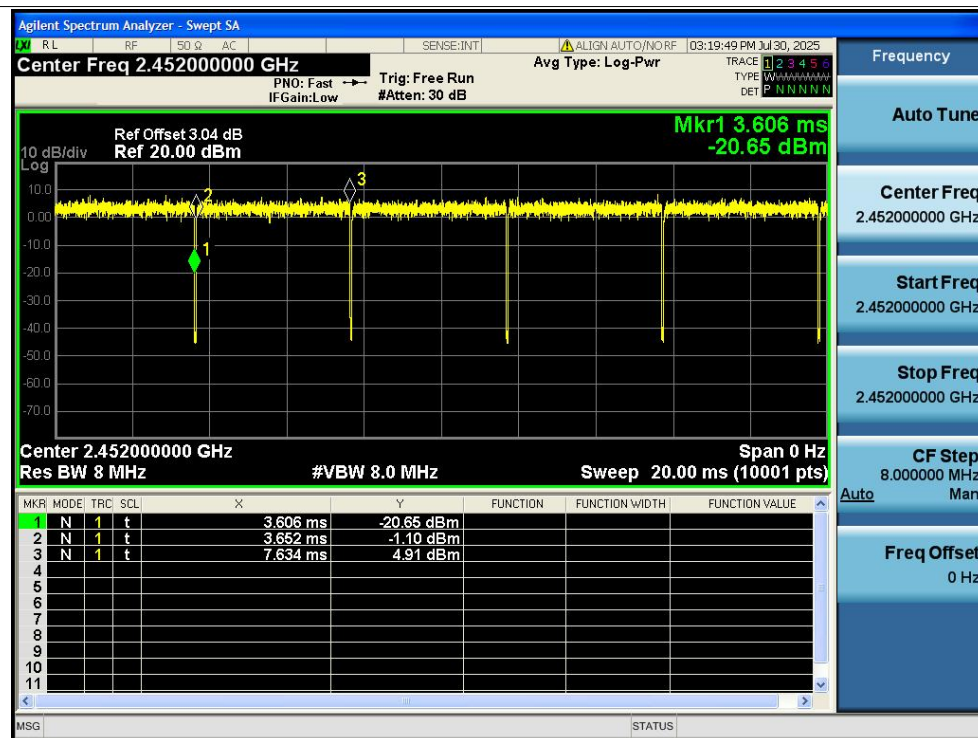




Duty Cycle NVNT ax40 2437MHz Ant1



Duty Cycle NVNT ax40 2452MHz Ant1





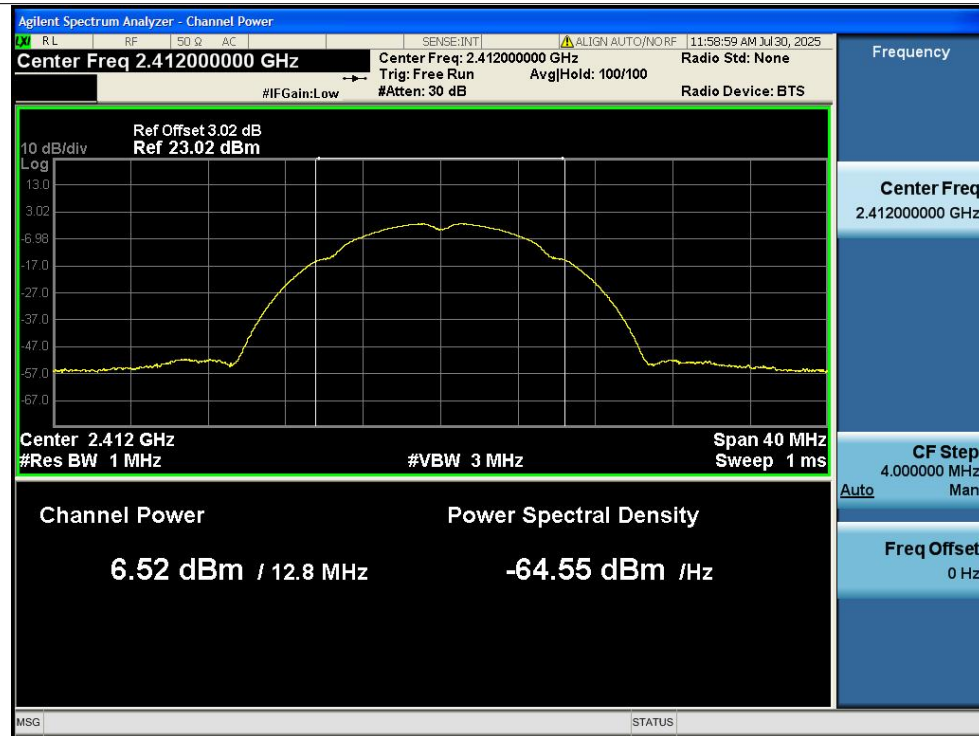
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	6.52	0.01	6.53	30	Pass
NVNT	b	2437	Ant1	6.94	0.01	6.95	30	Pass
NVNT	b	2462	Ant1	6.83	0.01	6.84	30	Pass
NVNT	g	2412	Ant1	5.63	0.11	5.74	30	Pass
NVNT	g	2437	Ant1	5.82	0.11	5.93	30	Pass
NVNT	g	2462	Ant1	5.77	0.11	5.88	30	Pass
NVNT	n20	2412	Ant1	5.49	0.12	5.61	30	Pass
NVNT	n20	2437	Ant1	5.39	0.12	5.51	30	Pass
NVNT	n20	2462	Ant1	5.46	0.12	5.58	30	Pass
NVNT	n40	2422	Ant1	5.71	0.12	5.83	30	Pass
NVNT	n40	2437	Ant1	5.38	0.12	5.5	30	Pass
NVNT	n40	2452	Ant1	5.4	0.11	5.51	30	Pass
NVNT	ax20	2412	Ant1	4.76	0.05	4.81	30	Pass
NVNT	ax20	2437	Ant1	5.52	0.05	5.57	30	Pass
NVNT	ax20	2462	Ant1	5.17	0.05	5.22	30	Pass
NVNT	ax40	2422	Ant1	5.31	0.05	5.36	30	Pass
NVNT	ax40	2437	Ant1	4.92	0.05	4.97	30	Pass
NVNT	ax40	2452	Ant1	4.83	0.05	4.88	30	Pass

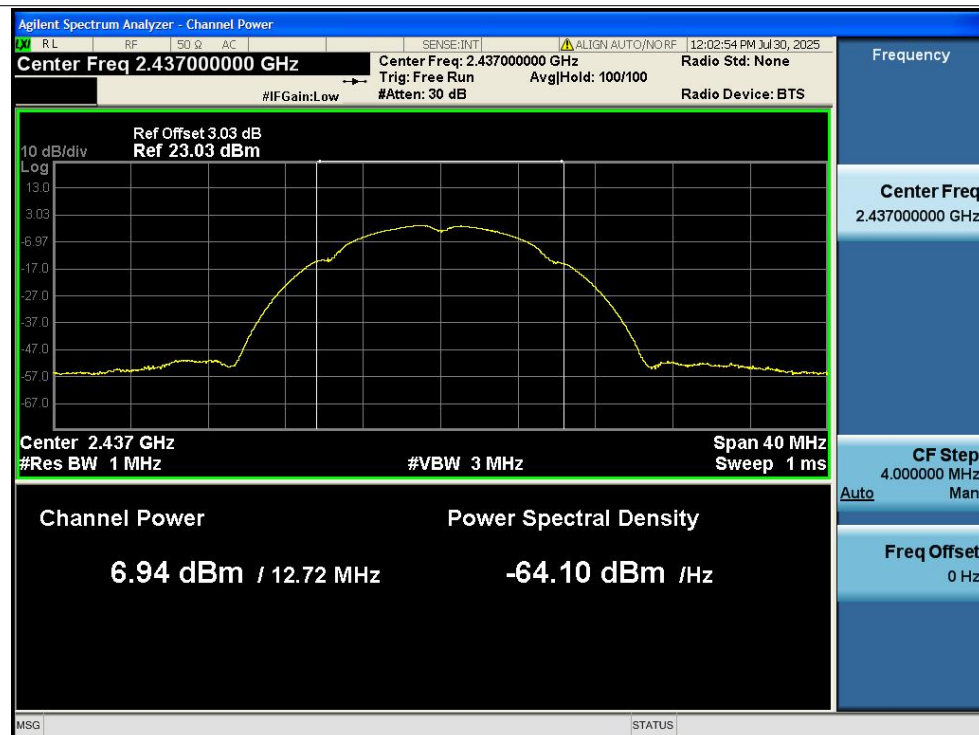


Test Graphs

Power NVNT b 2412MHz Ant1

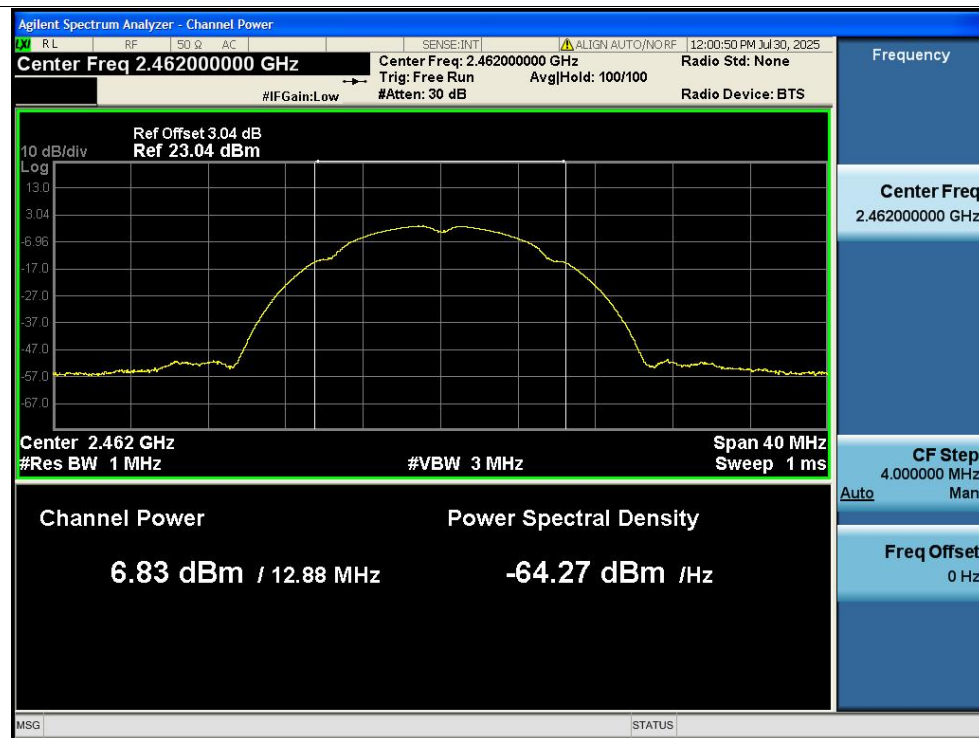


Power NVNT b 2437MHz Ant1

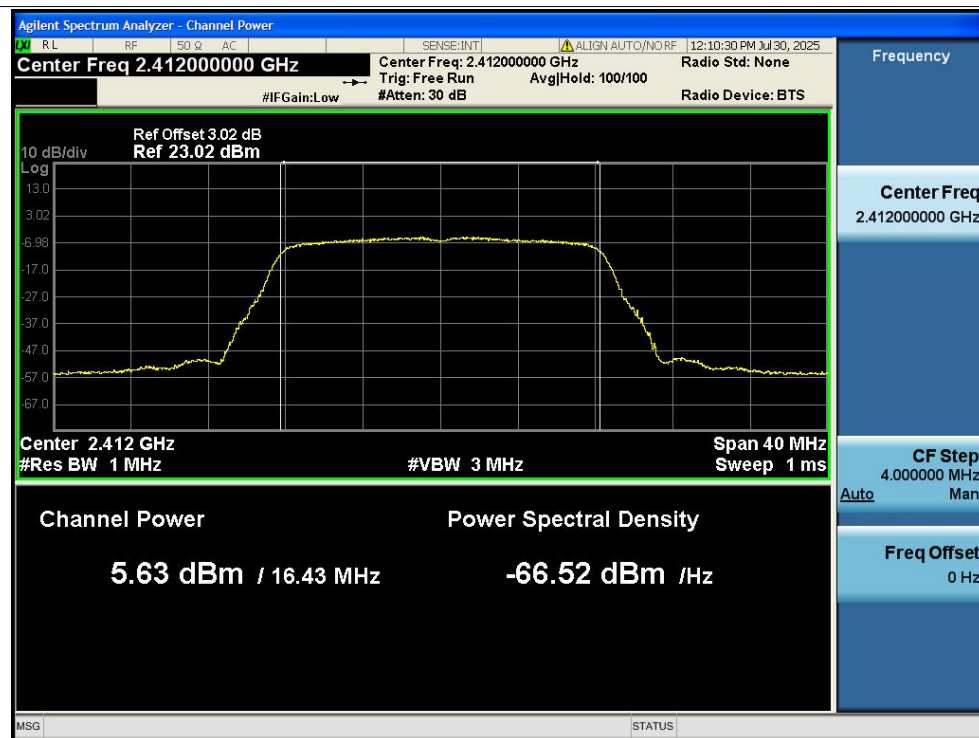




Power NVNT b 2462MHz Ant1

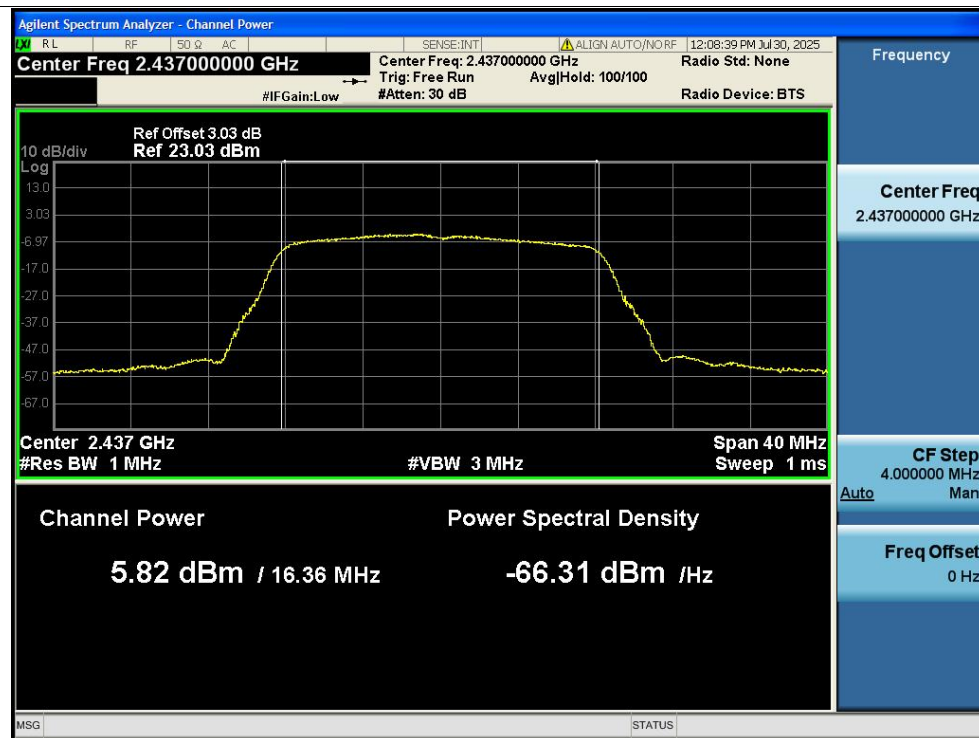


Power NVNT g 2412MHz Ant1

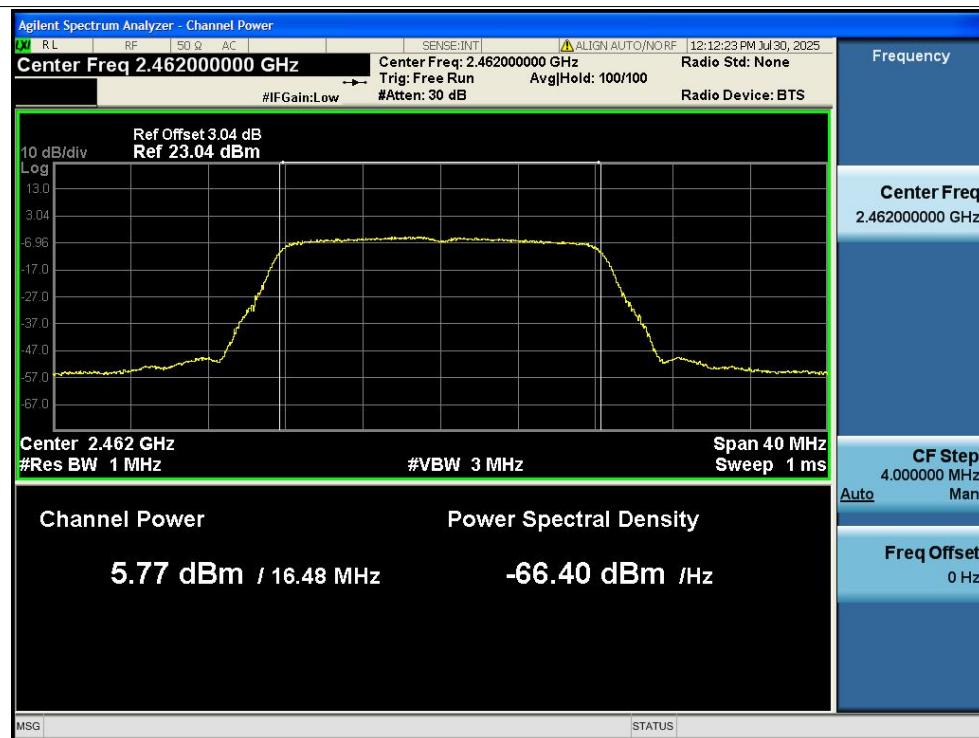




Power NVNT g 2437MHz Ant1

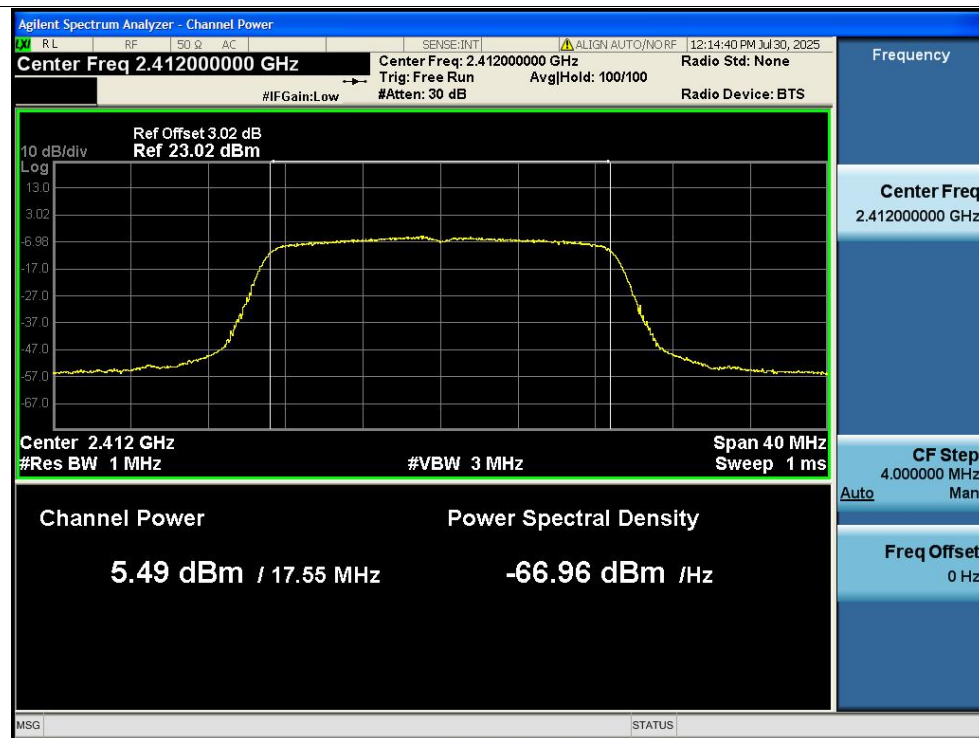


Power NVNT g 2462MHz Ant1

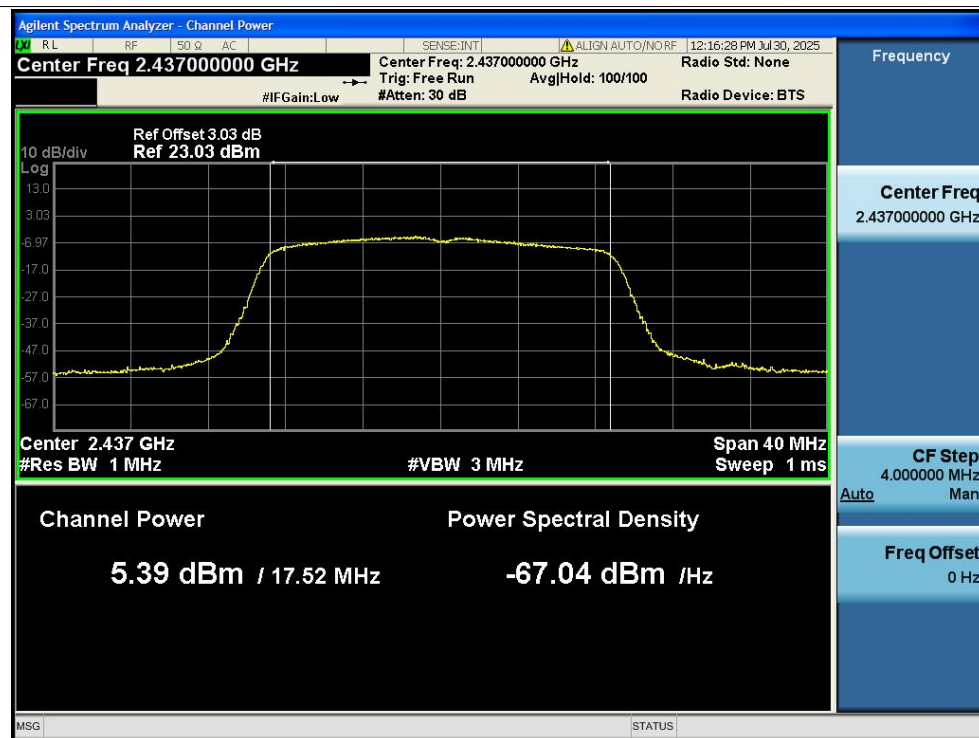




Power NVNT n20 2412MHz Ant1

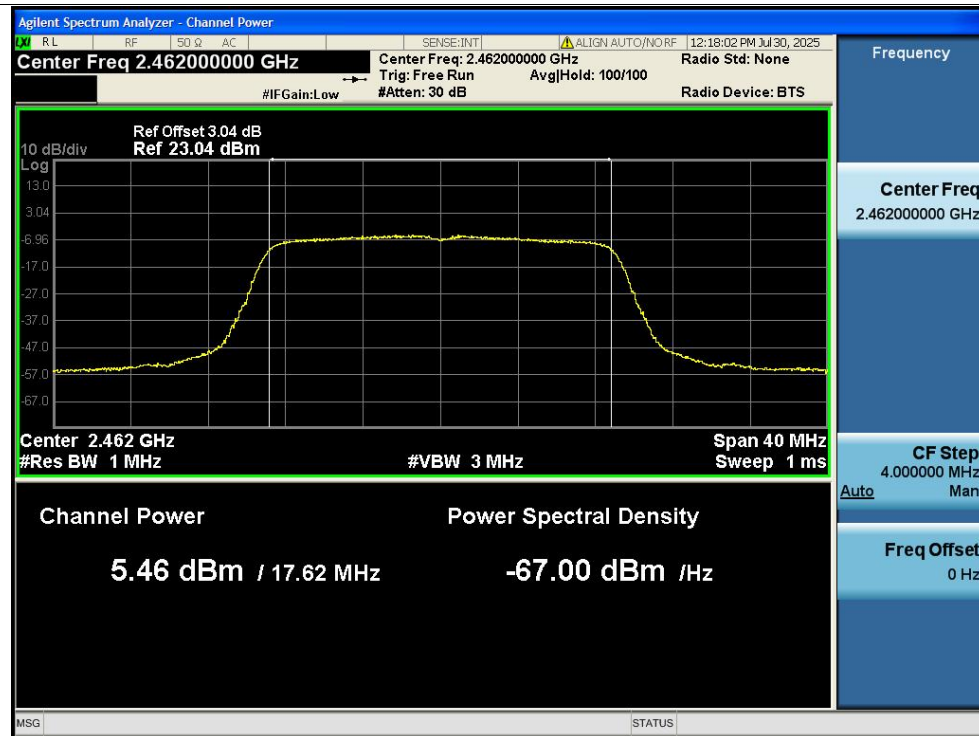


Power NVNT n20 2437MHz Ant1

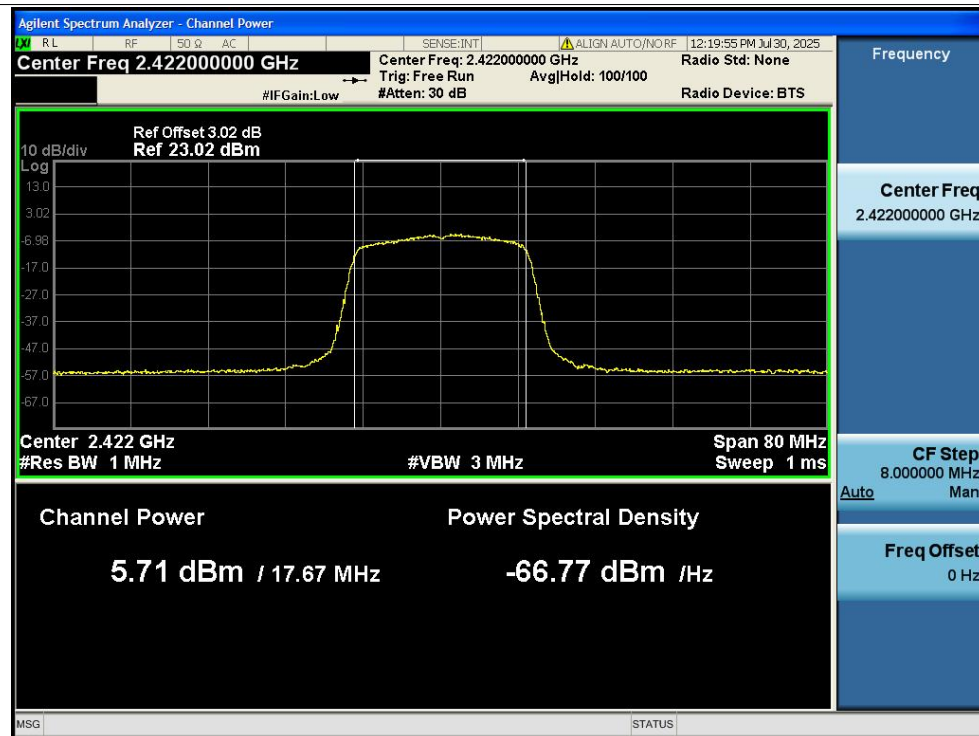




Power NVNT n20 2462MHz Ant1

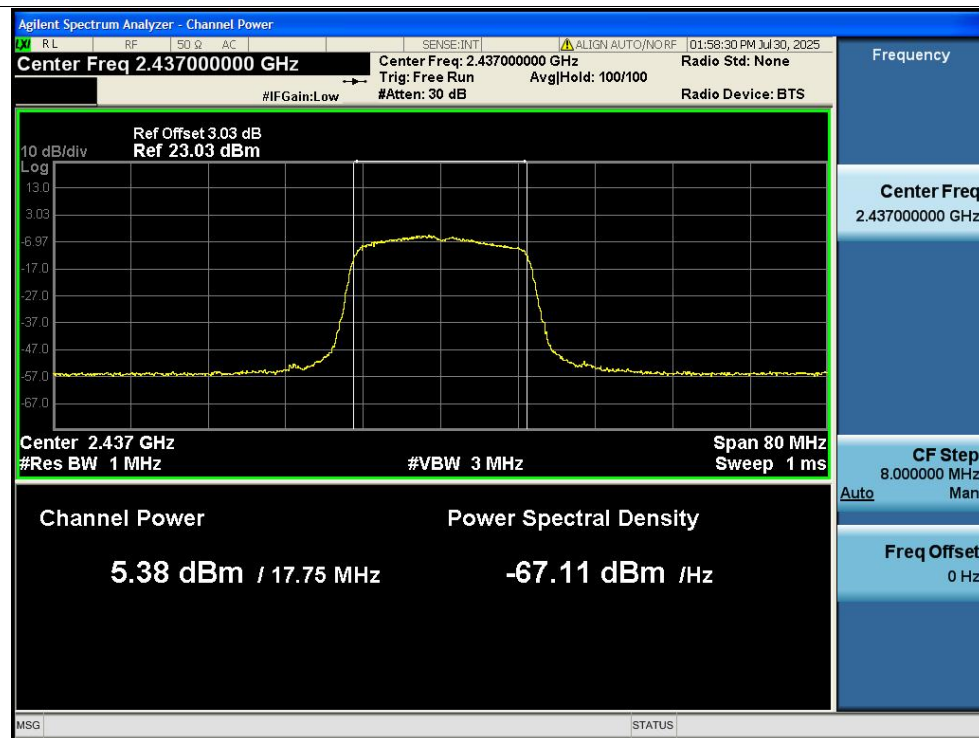


Power NVNT n40 2422MHz Ant1

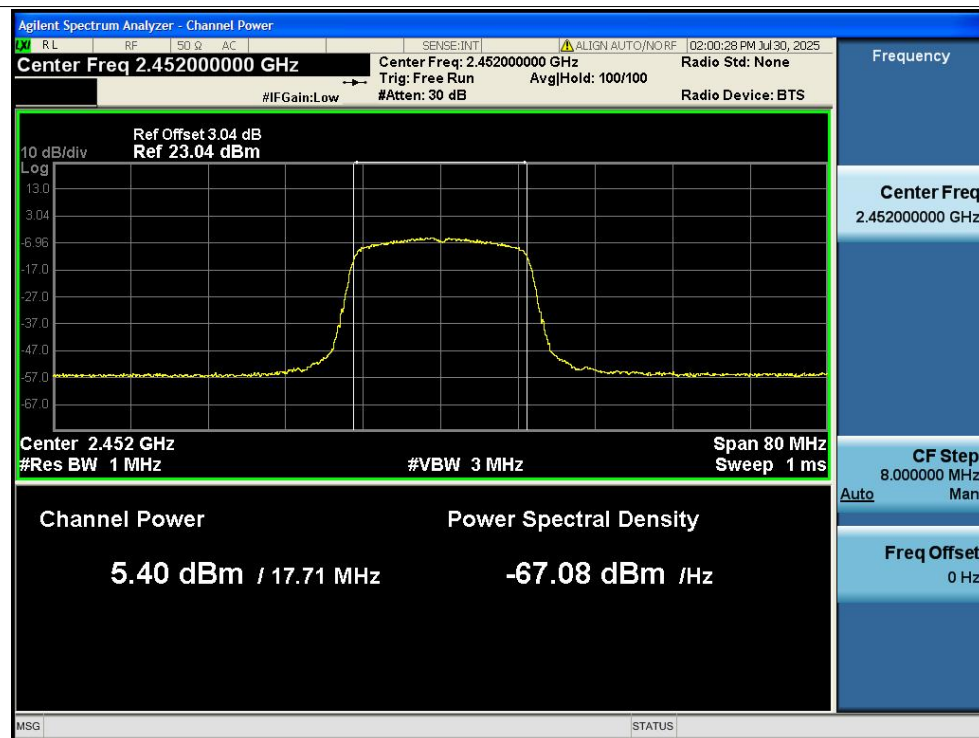




Power NVNT n40 2437MHz Ant1

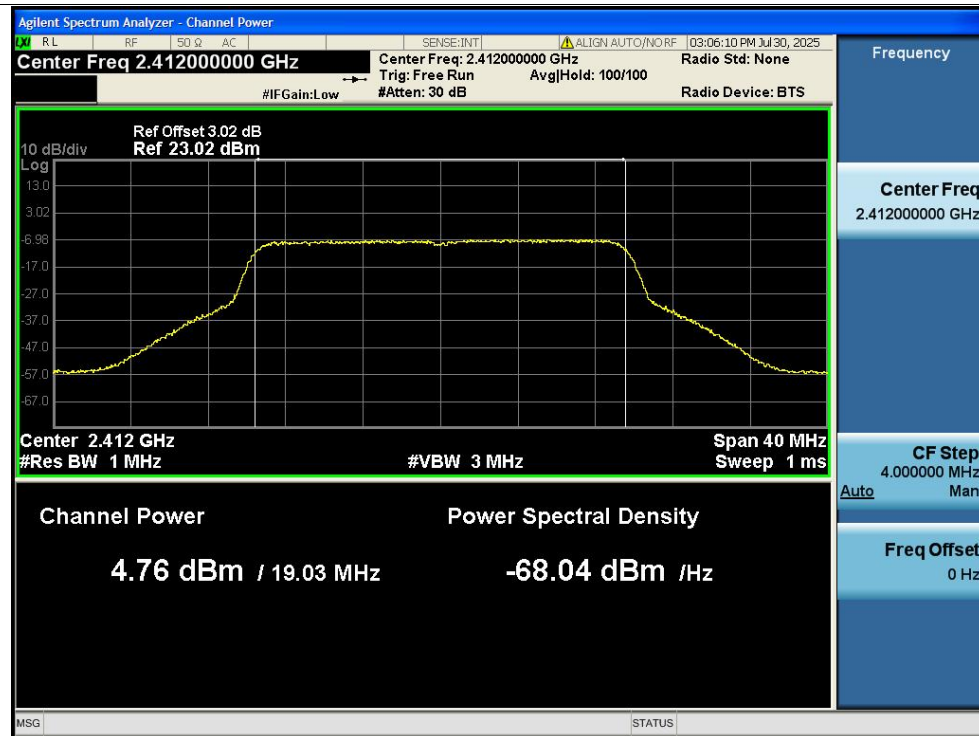


Power NVNT n40 2452MHz Ant1

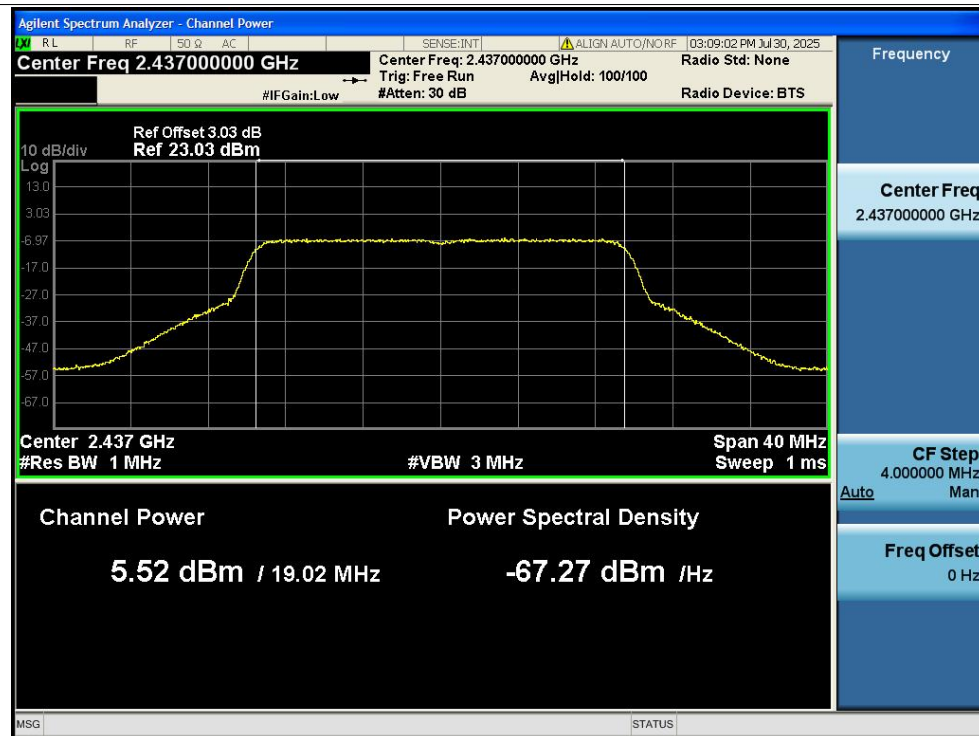




Power NVNT ax20 2412MHz Ant1

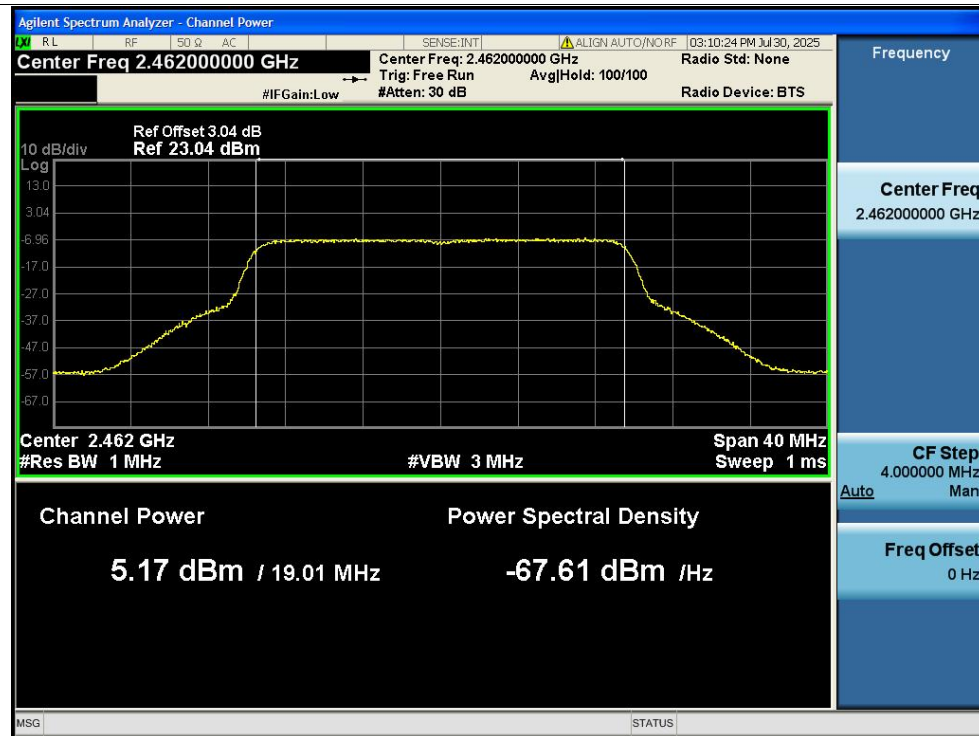


Power NVNT ax20 2437MHz Ant1

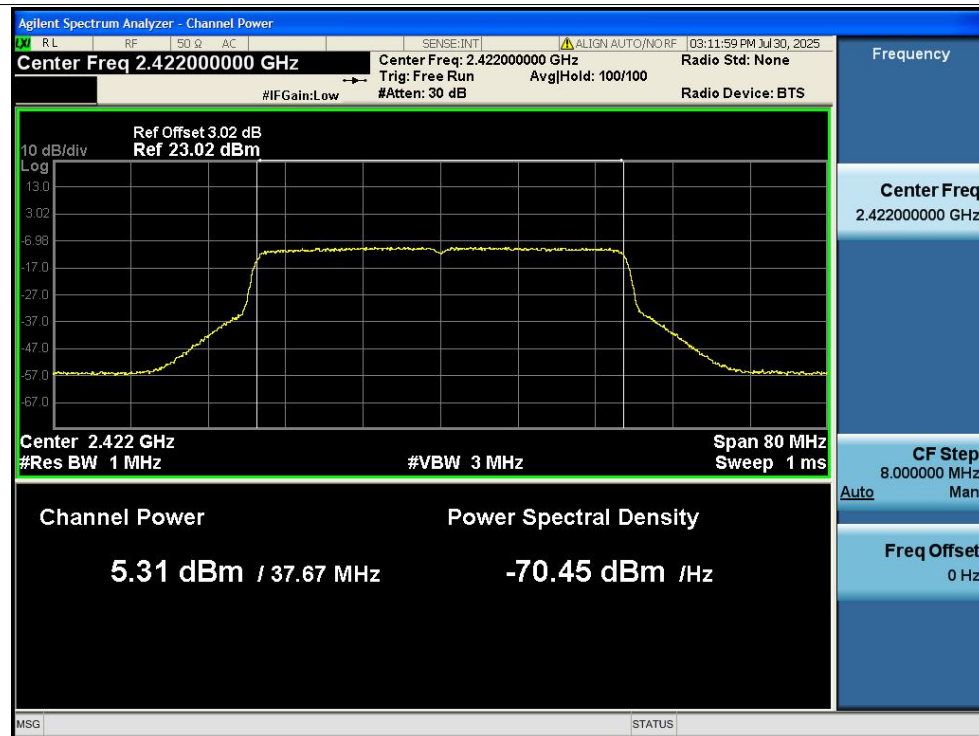




Power NVNT ax20 2462MHz Ant1

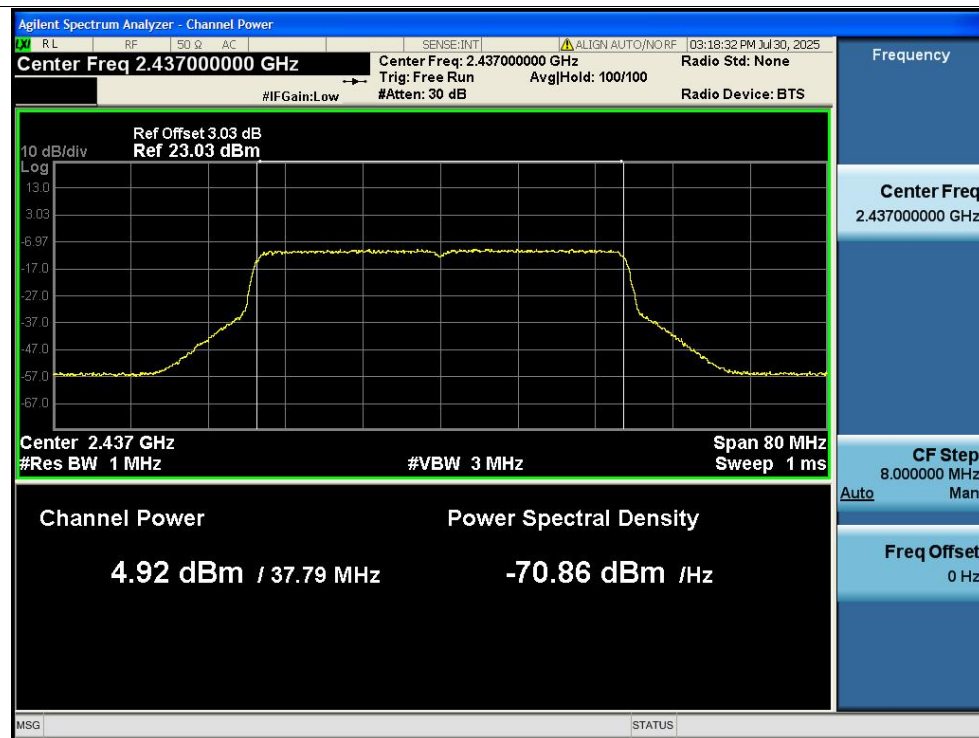


Power NVNT ax40 2422MHz Ant1

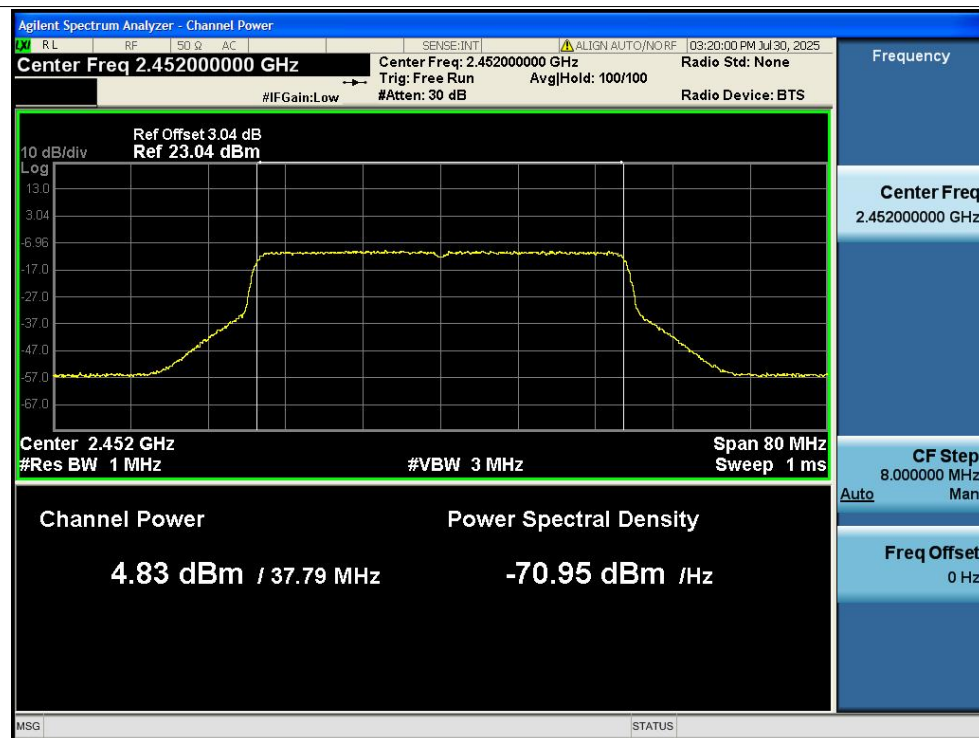




Power NVNT ax40 2437MHz Ant1



Power NVNT ax40 2452MHz Ant1



**-6dB Bandwidth**

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	7.065	0.5	Pass
NVNT	b	2437	Ant1	8.076	0.5	Pass
NVNT	b	2462	Ant1	7.544	0.5	Pass
NVNT	g	2412	Ant1	15.347	0.5	Pass
NVNT	g	2437	Ant1	13.791	0.5	Pass
NVNT	g	2462	Ant1	15.485	0.5	Pass
NVNT	n20	2412	Ant1	16.219	0.5	Pass
NVNT	n20	2437	Ant1	15.439	0.5	Pass
NVNT	n20	2462	Ant1	16.52	0.5	Pass
NVNT	n40	2422	Ant1	15.251	0.5	Pass
NVNT	n40	2437	Ant1	14.049	0.5	Pass
NVNT	n40	2452	Ant1	14.203	0.5	Pass
NVNT	ax20	2412	Ant1	18.668	0.5	Pass
NVNT	ax20	2437	Ant1	18.828	0.5	Pass
NVNT	ax20	2462	Ant1	18.585	0.5	Pass
NVNT	ax40	2422	Ant1	37.406	0.5	Pass
NVNT	ax40	2437	Ant1	37.746	0.5	Pass
NVNT	ax40	2452	Ant1	37.713	0.5	Pass



Test Graphs

-6dB Bandwidth NVNT b 2412MHz Ant1



-6dB Bandwidth NVNT b 2437MHz Ant1





-6dB Bandwidth NVNT b 2462MHz Ant1

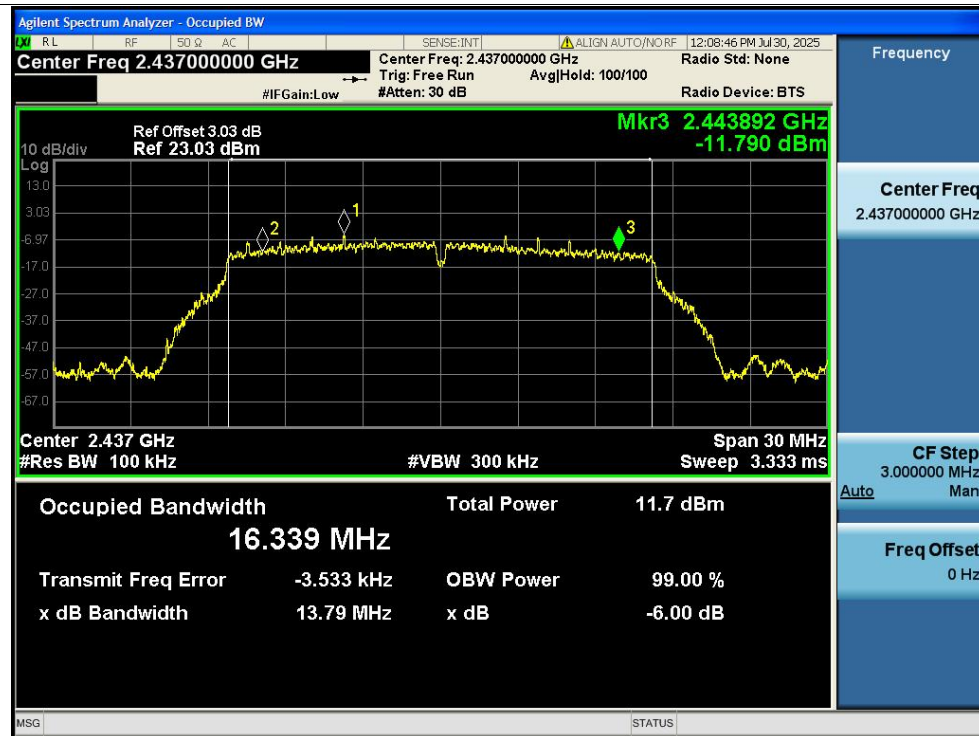


-6dB Bandwidth NVNT g 2412MHz Ant1

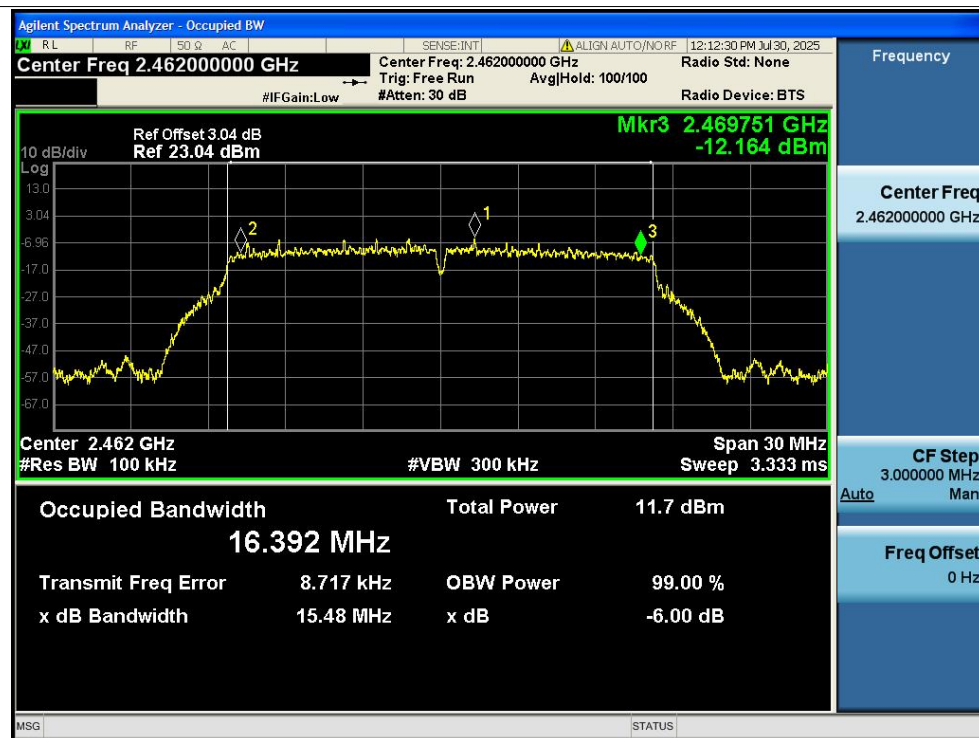




-6dB Bandwidth NVNT g 2437MHz Ant1

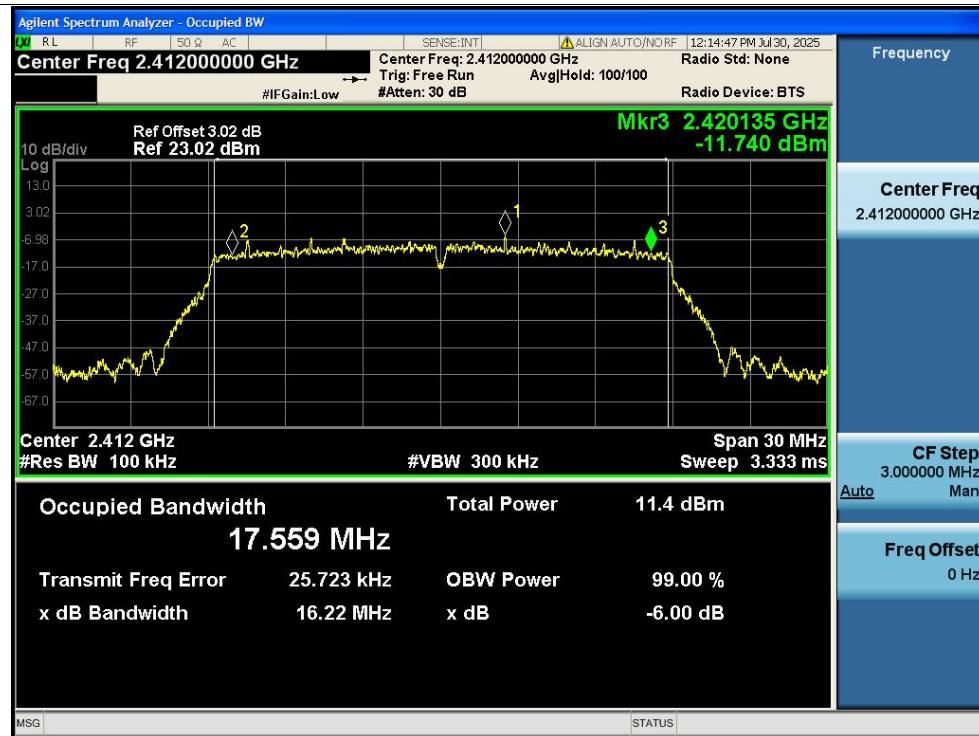


-6dB Bandwidth NVNT g 2462MHz Ant1





-6dB Bandwidth NVNT n20 2412MHz Ant1



-6dB Bandwidth NVNT n20 2437MHz Ant1

