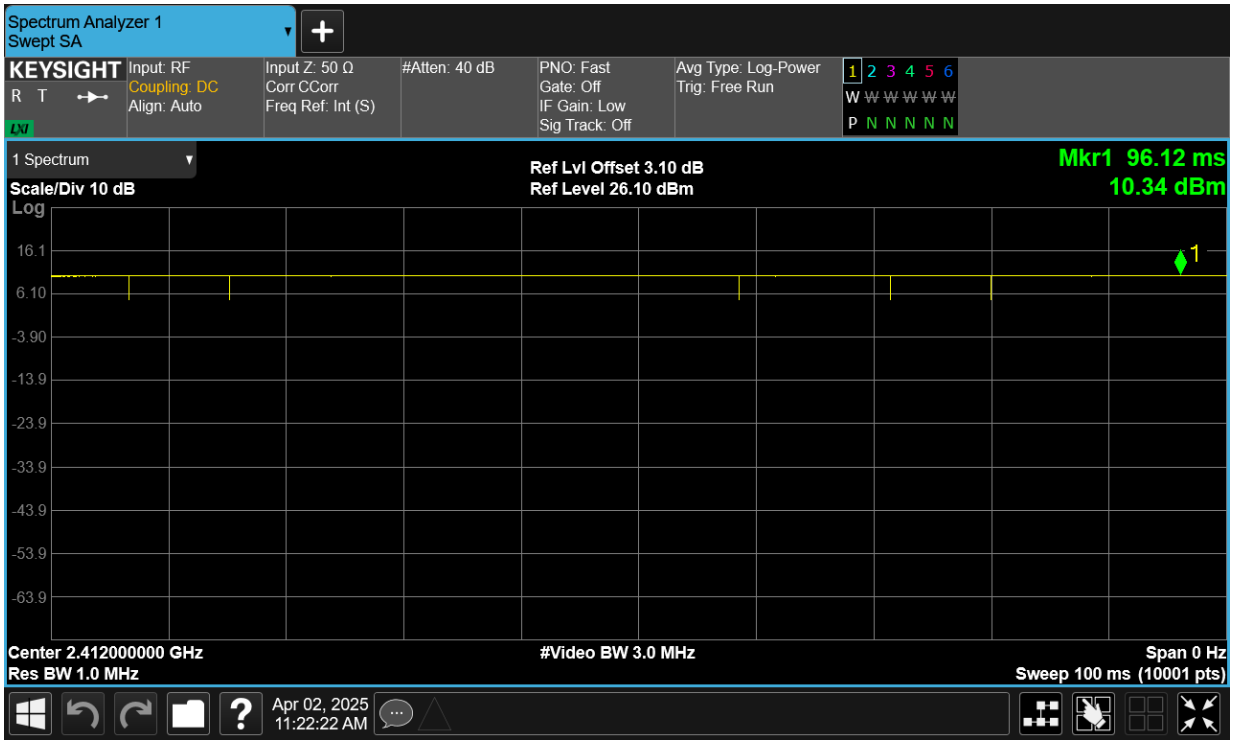
Test Data

Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	b	2412	Ant0	100	0
NVNT	b	2437	Ant0	100	0
NVNT	b	2462	Ant0	100	0
NVNT	b	2412	Ant8	100	0
NVNT	b	2437	Ant8	100	0
NVNT	b	2462	Ant8	100	0
NVNT	g	2412	Ant0	100	0
NVNT	g	2437	Ant0	100	0
NVNT	g	2462	Ant0	100	0
NVNT	g	2412	Ant8	100	0
NVNT	g	2437	Ant8	100	0
NVNT	g	2462	Ant8	100	0
NVNT	n20	2412	Sum	100	0
NVNT	n20	2437	Sum	100	0
NVNT	n20	2462	Sum	100	0
NVNT	n40	2422	Sum	100	0
NVNT	n40	2437	Sum	100	0
NVNT	n40	2452	Sum	100	0

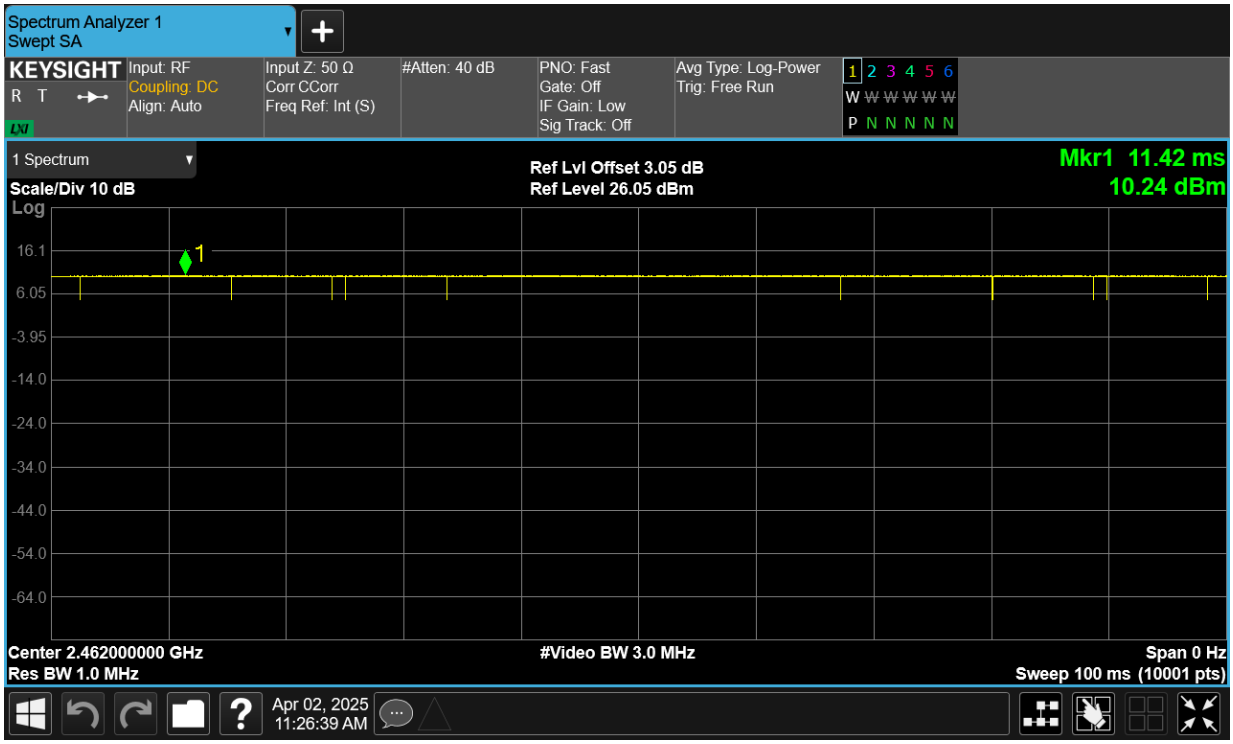
Test Graphs

Duty Cycle NVNT b 2412MHz Ant0

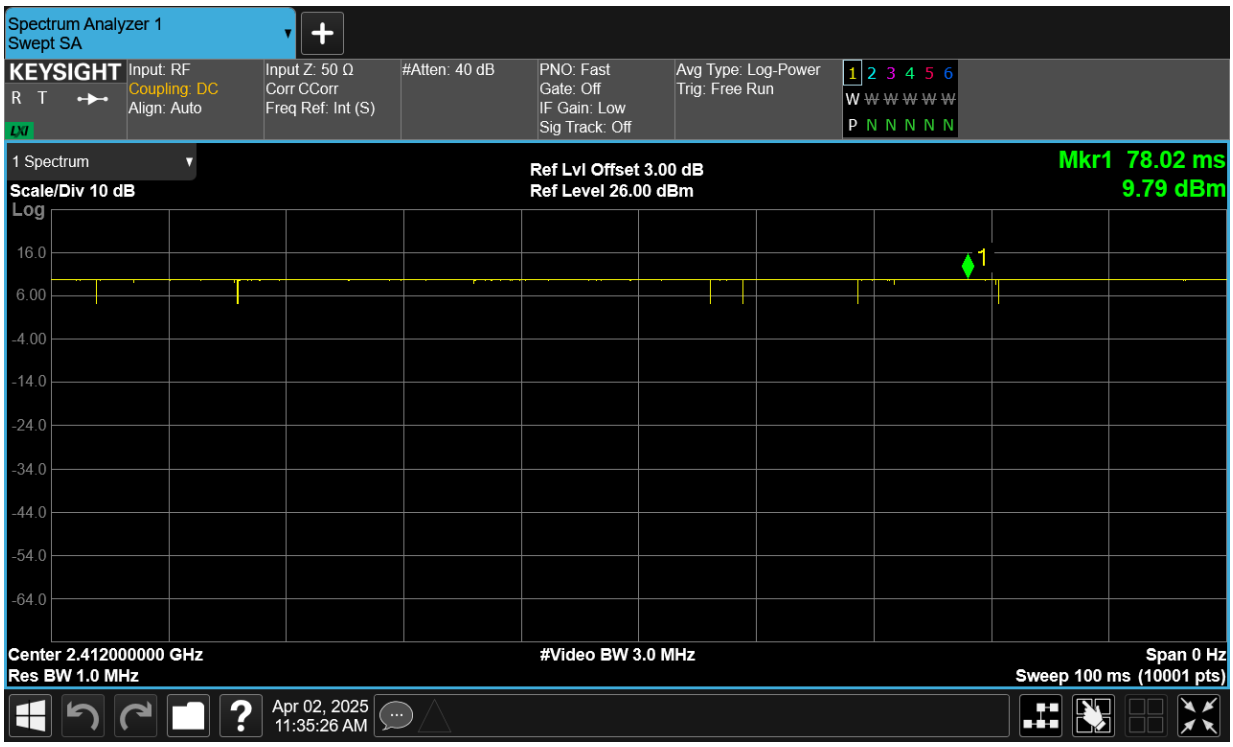


Duty Cycle NVNT b 2437MHz Ant0

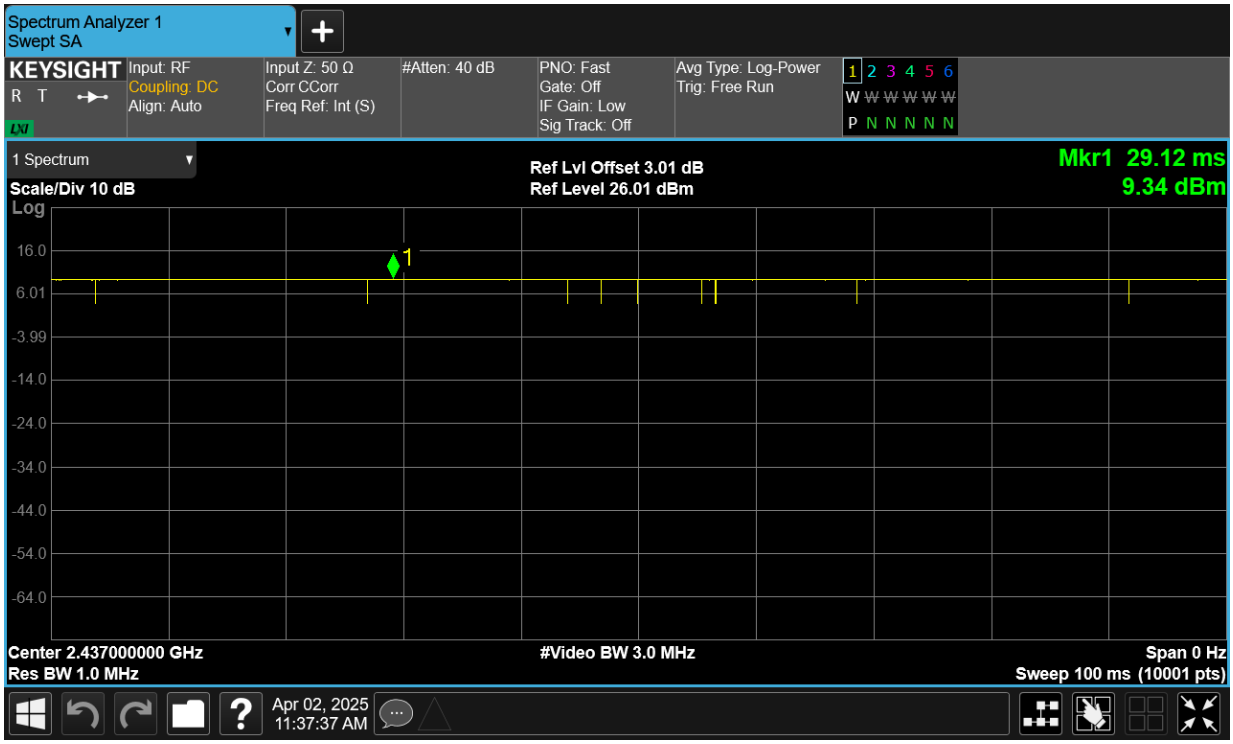
Duty Cycle NVNT b 2462MHz Ant0



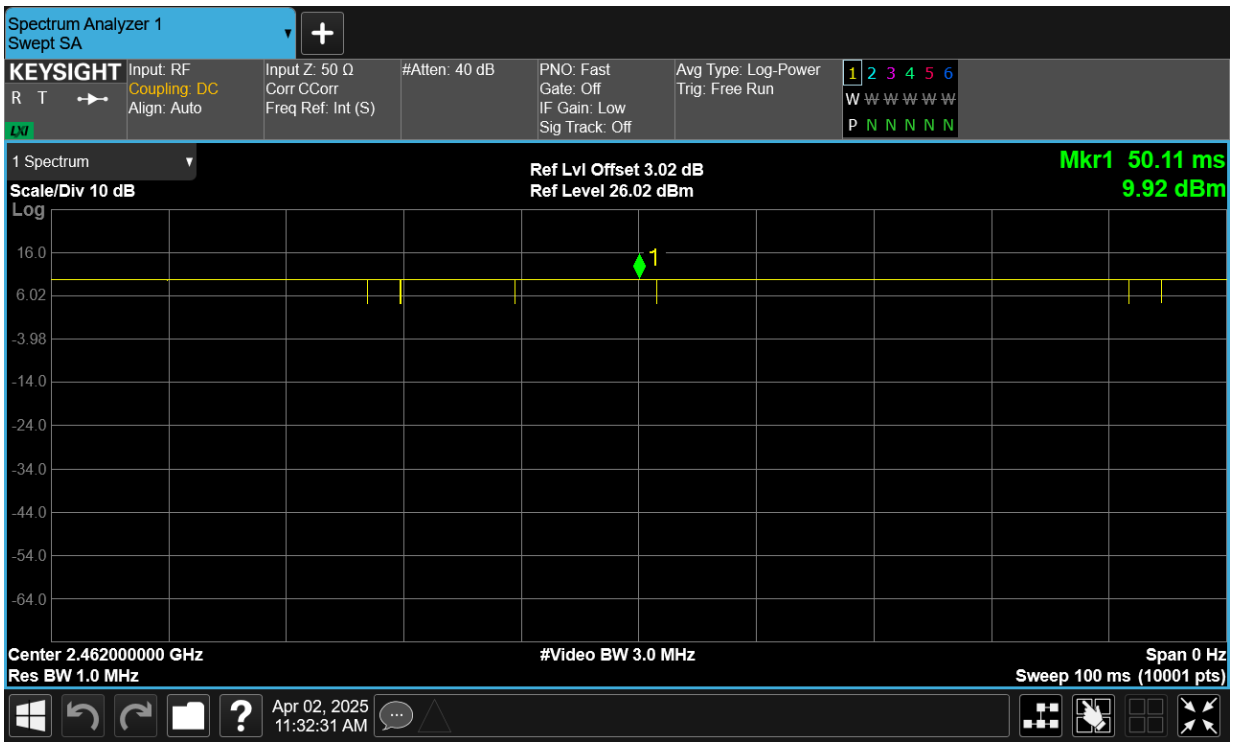
Duty Cycle NVNT b 2412MHz Ant8



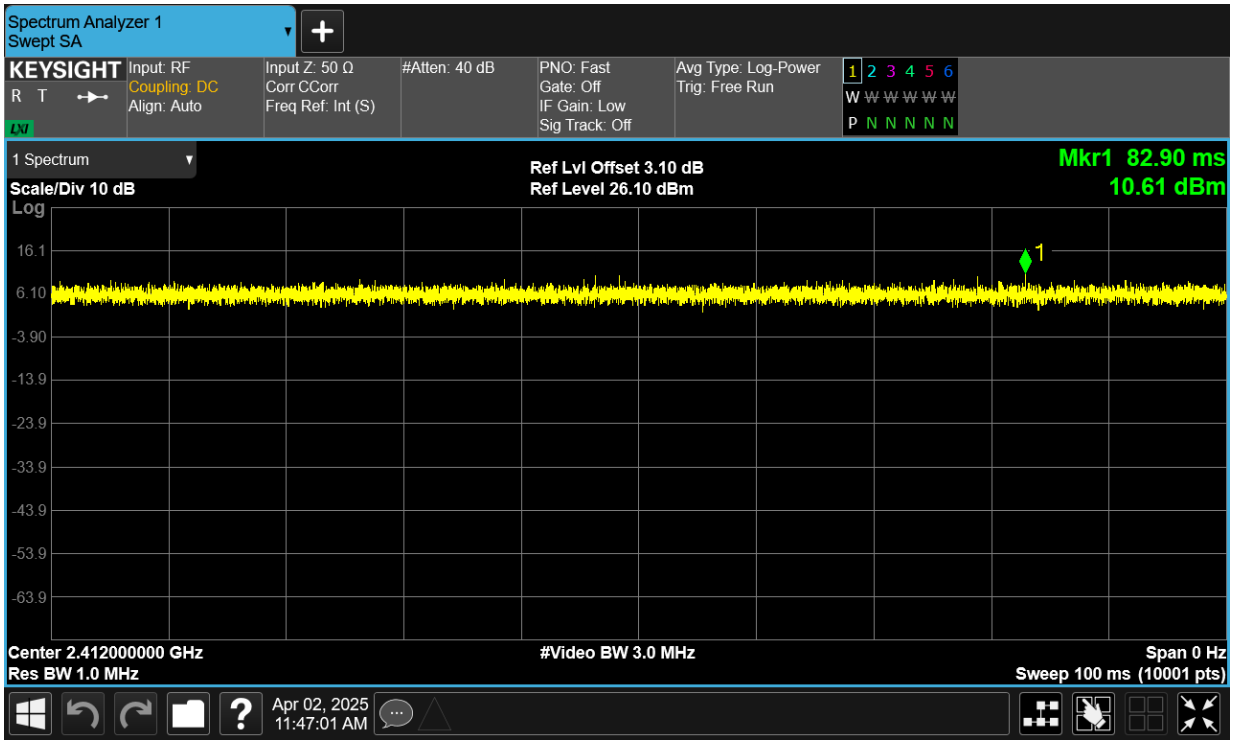
Duty Cycle NVNT b 2437MHz Ant8



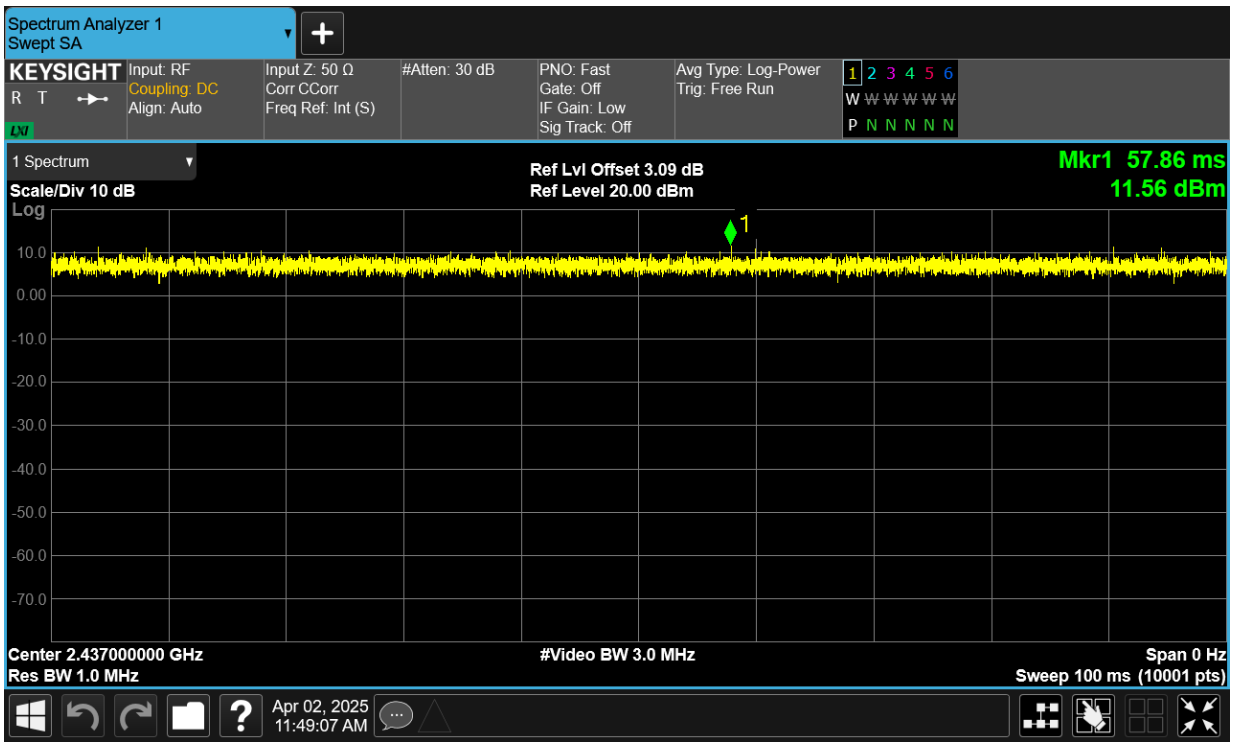
Duty Cycle NVNT b 2462MHz Ant8



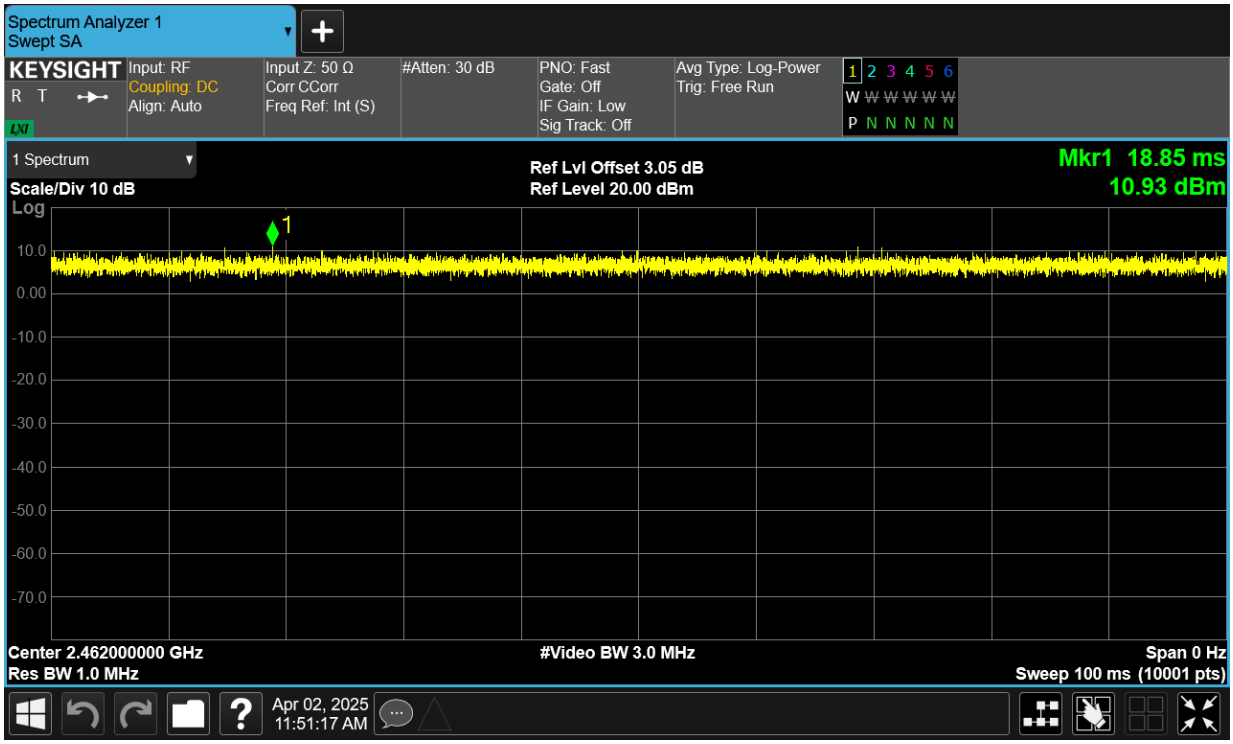
Duty Cycle NVNT g 2412MHz Ant0



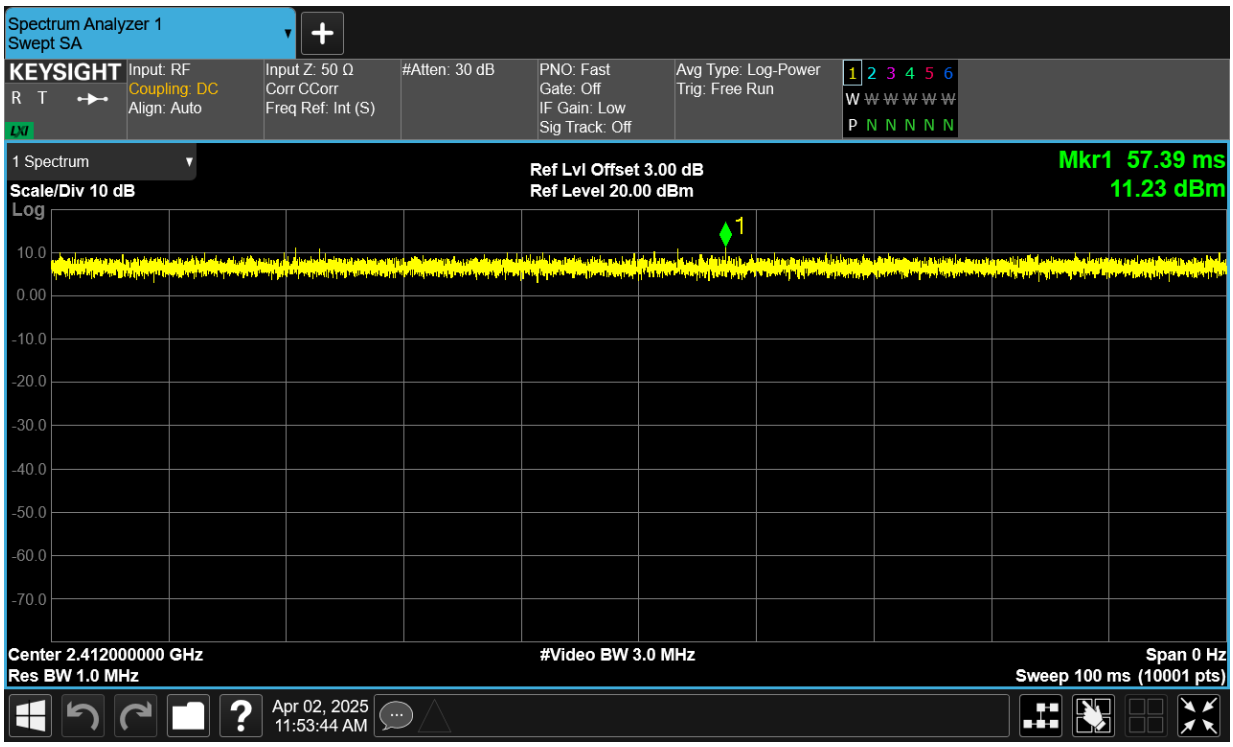
Duty Cycle NVNT g 2437MHz Ant0



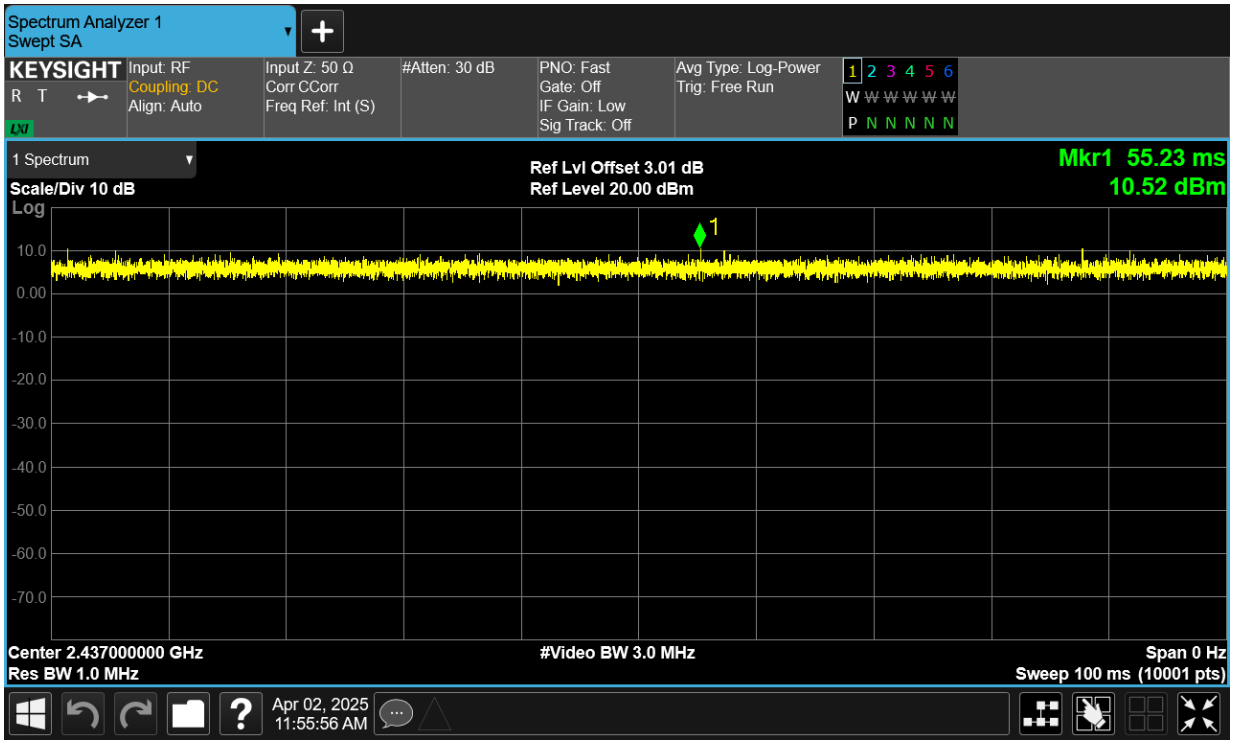
Duty Cycle NVNT g 2462MHz Ant0



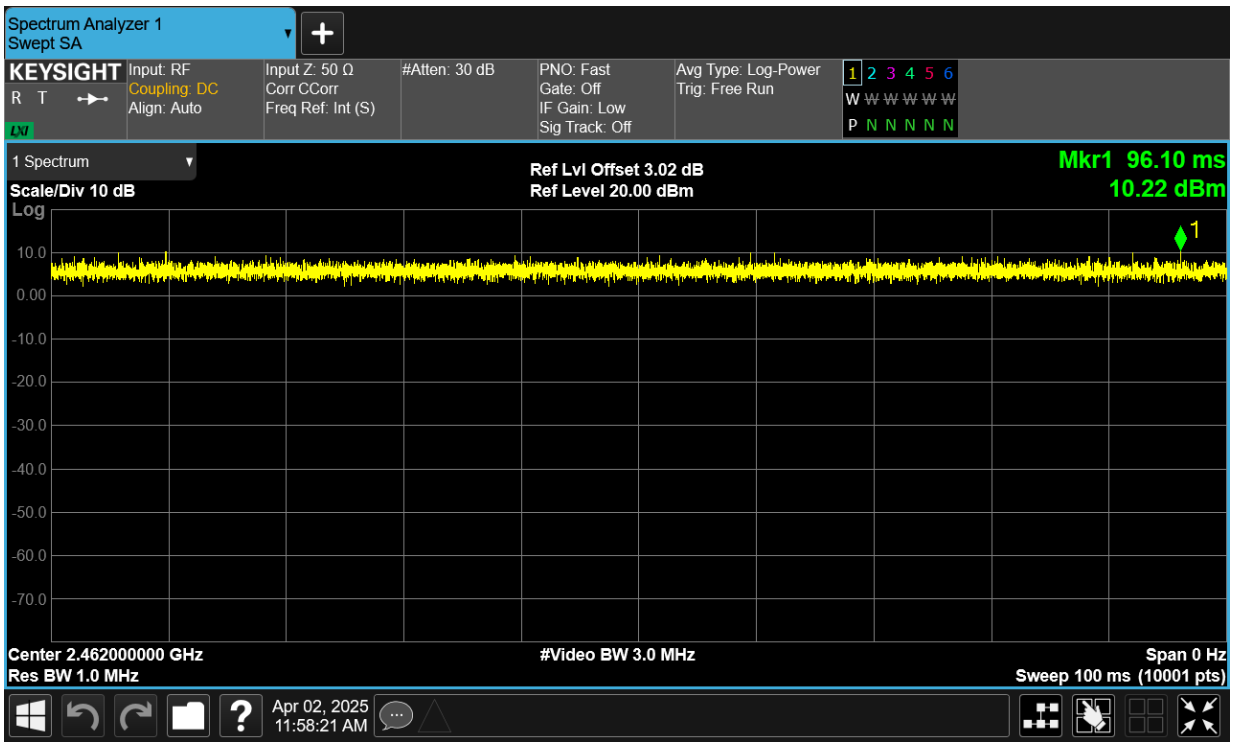
Duty Cycle NVNT g 2412MHz Ant8



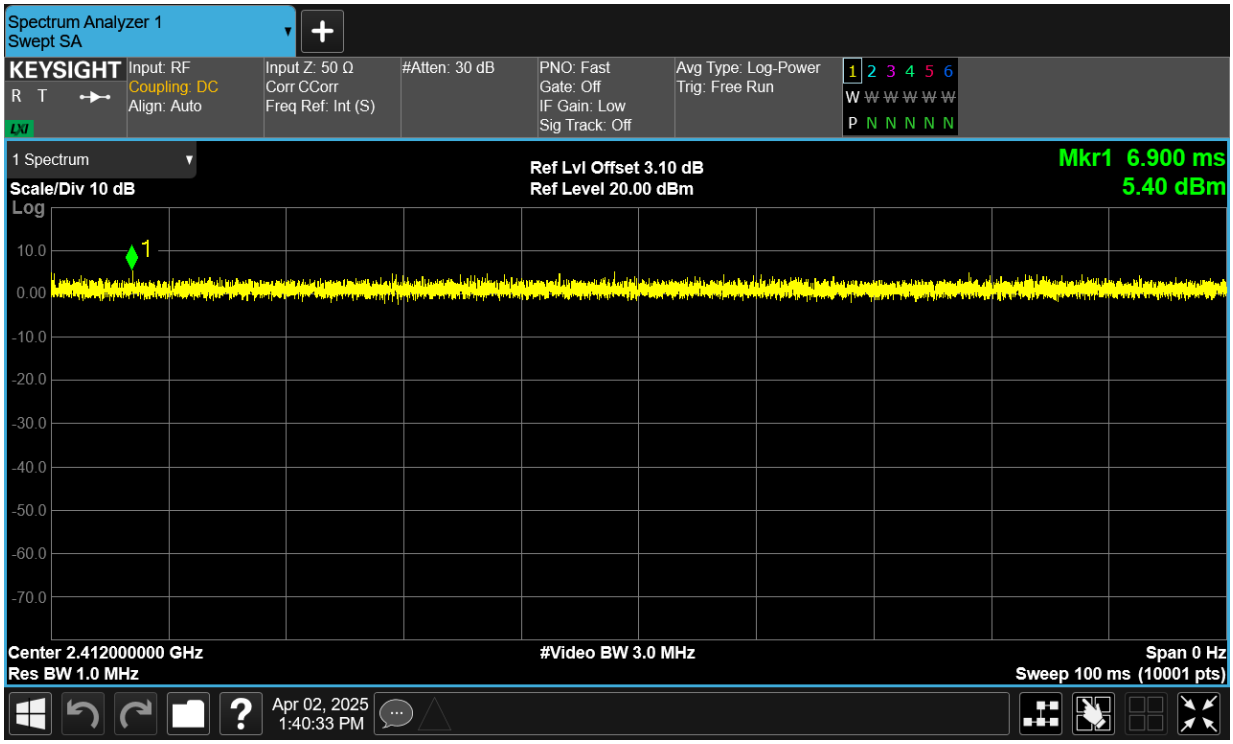
Duty Cycle NVNT g 2437MHz Ant8



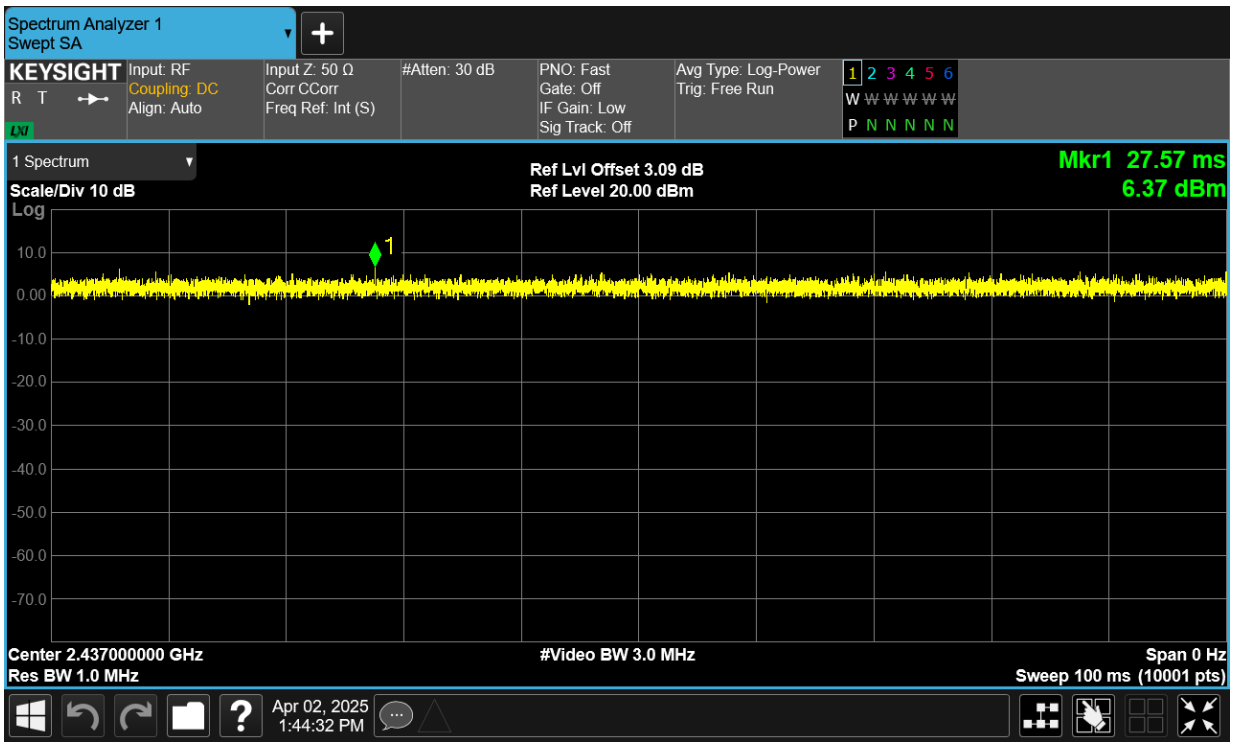
Duty Cycle NVNT g 2462MHz Ant8



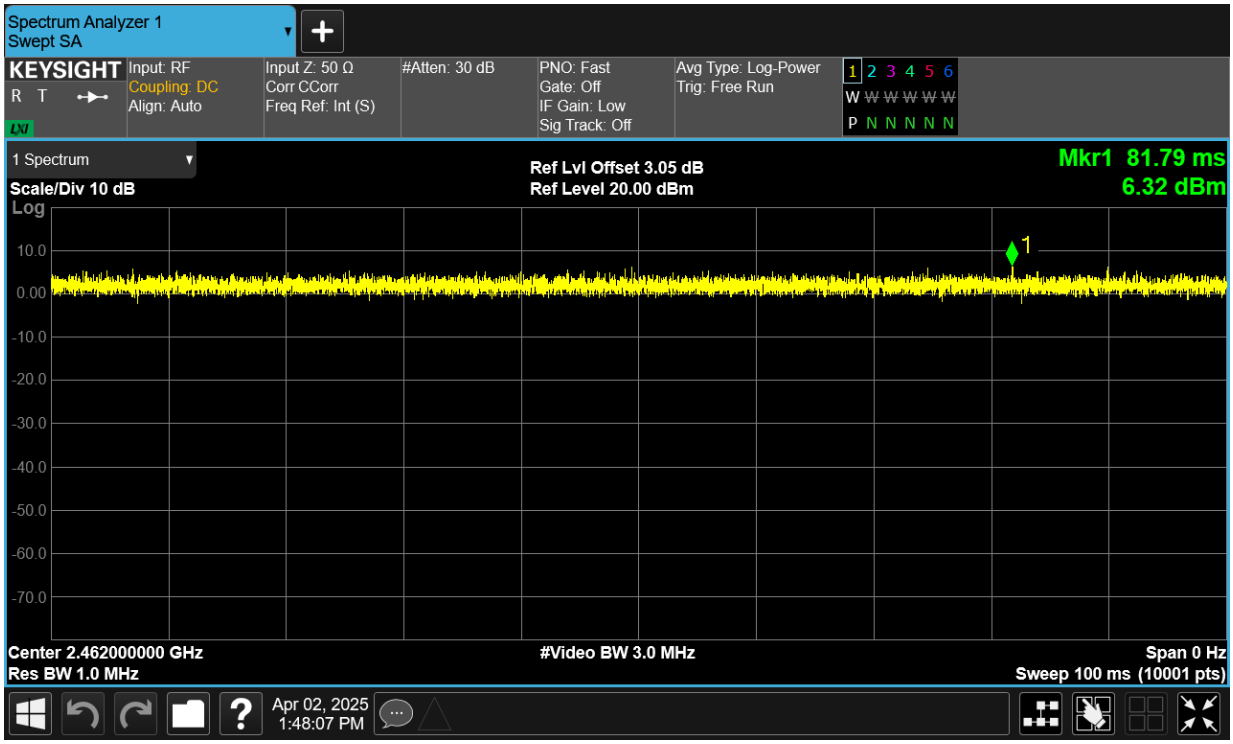
Duty Cycle NVNT n20 2412MHz Sum



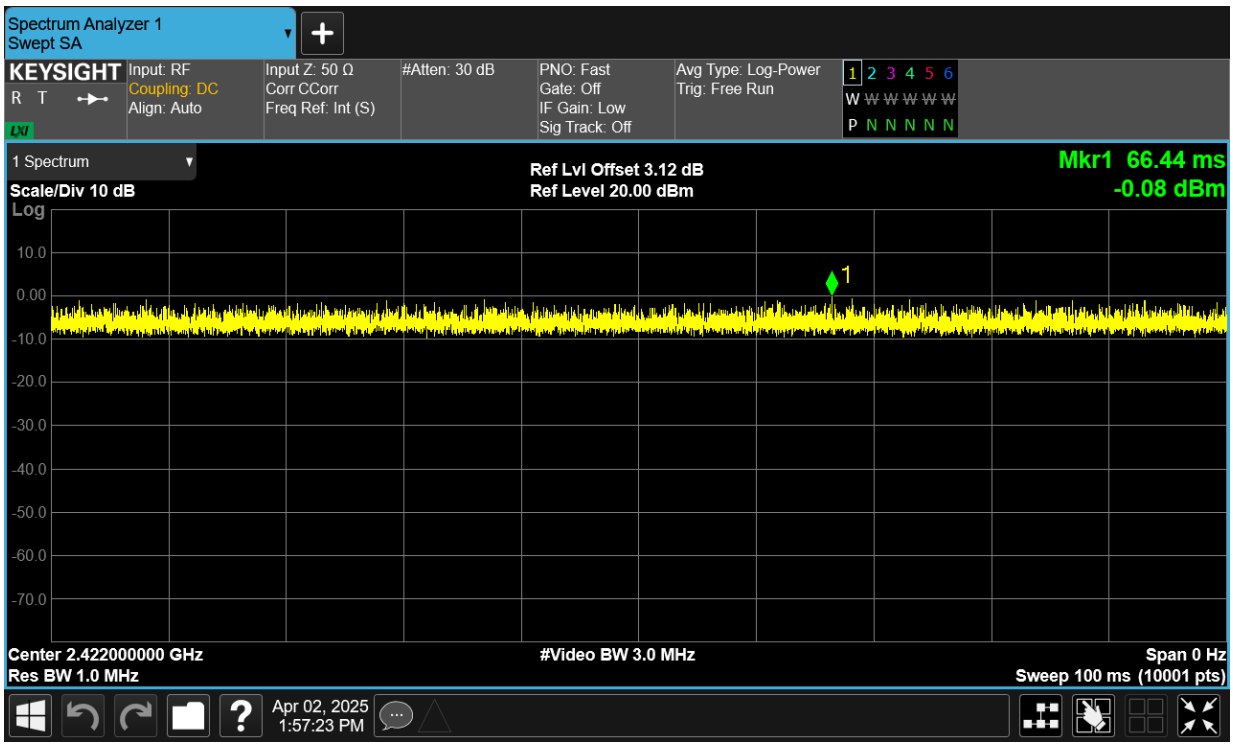
Duty Cycle NVNT n20 2437MHz Sum



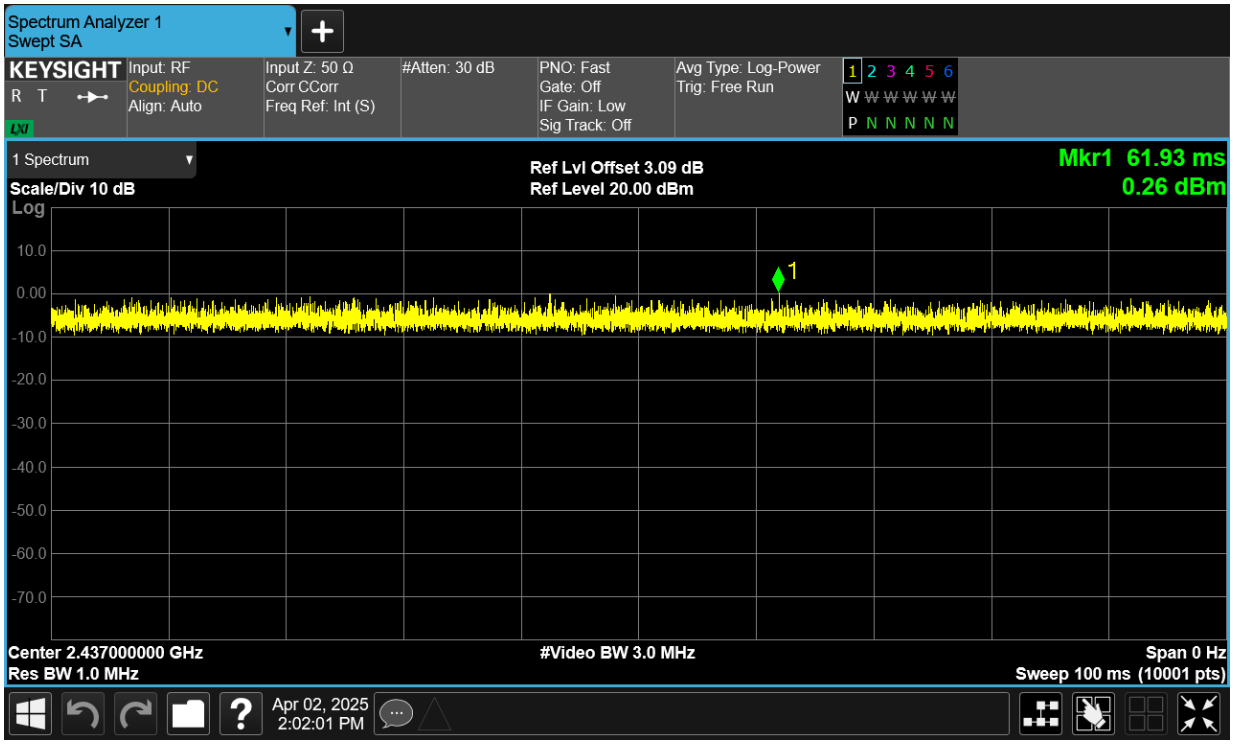
Duty Cycle NVNT n20 2462MHz Sum



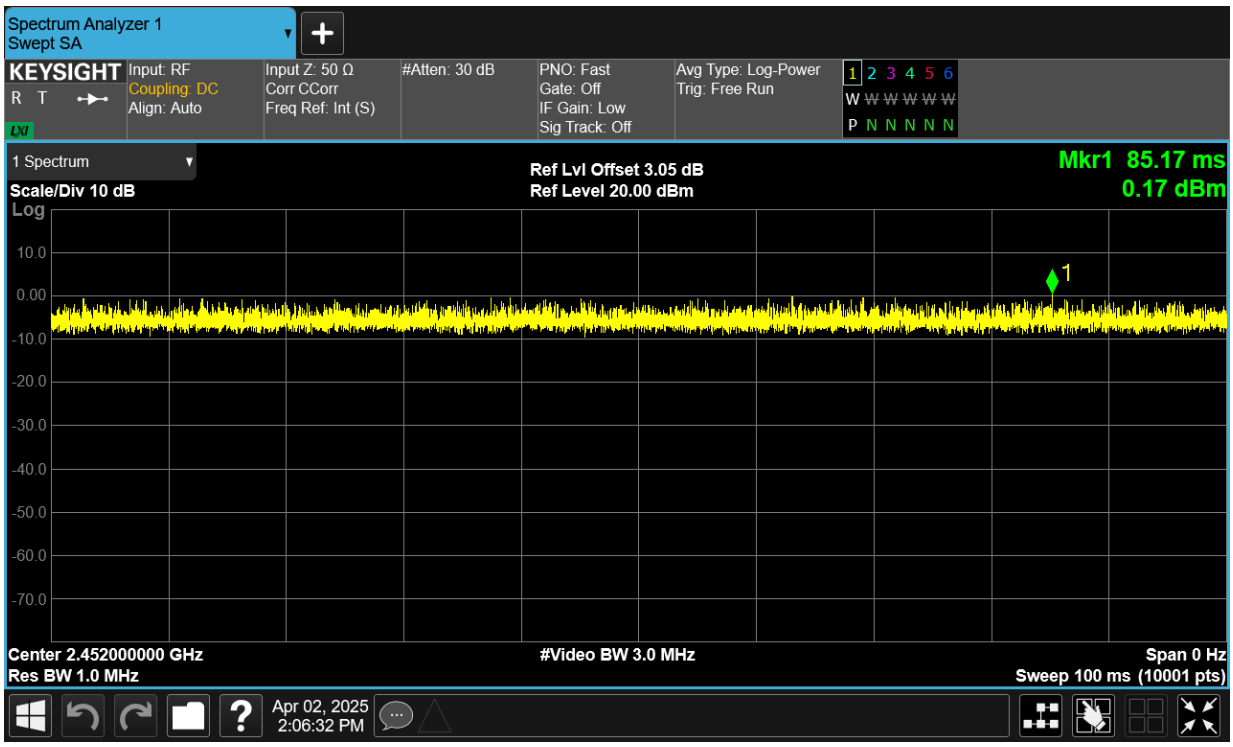
Duty Cycle NVNT n40 2422MHz Sum



Duty Cycle NVNT n40 2437MHz Sum



Duty Cycle NVNT n40 2452MHz Sum



Maximum Conducted Output Power

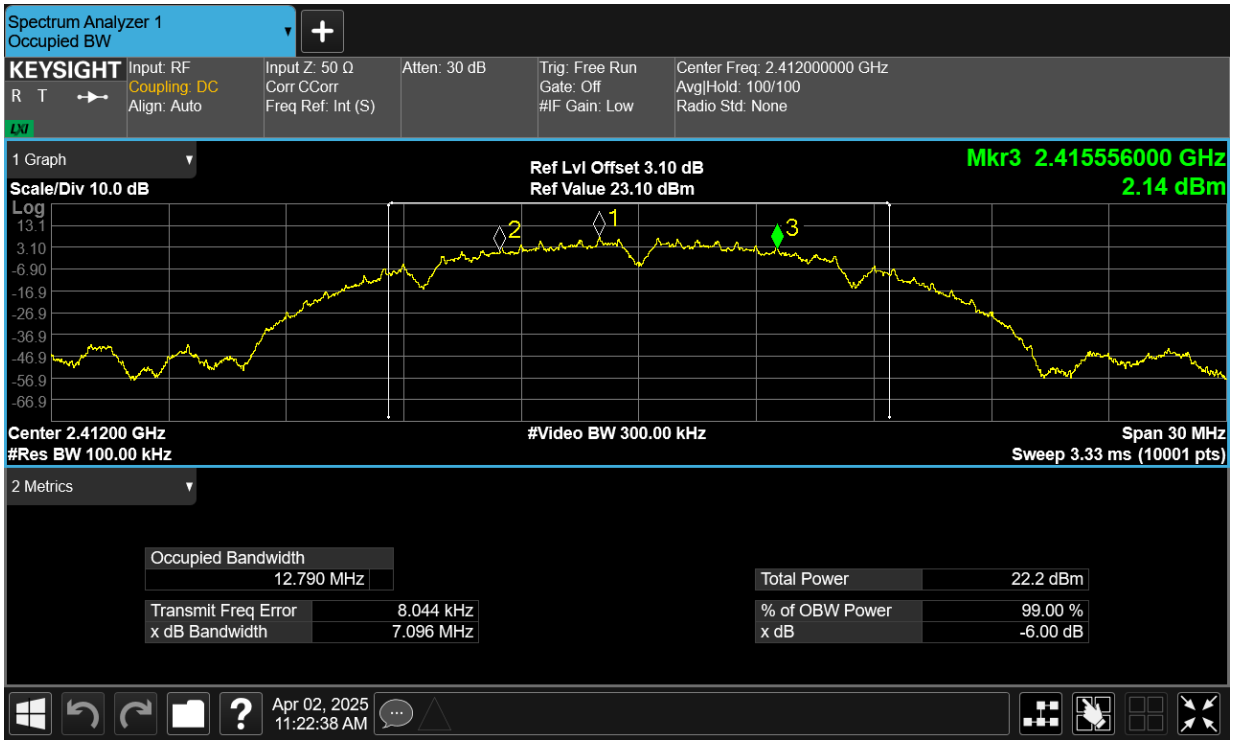
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant0	15.33	0	15.33	30	Pass
NVNT	b	2437	Ant0	15.85	0	15.85	30	Pass
NVNT	b	2462	Ant0	15.66	0	15.66	30	Pass
NVNT	b	2412	Ant8	14.95	0	14.95	30	Pass
NVNT	b	2437	Ant8	14.41	0	14.41	30	Pass
NVNT	b	2462	Ant8	15.25	0	15.25	30	Pass
NVNT	g	2412	Ant0	13.55	0	13.55	30	Pass
NVNT	g	2437	Ant0	14.3	0	14.3	30	Pass
NVNT	g	2462	Ant0	13.94	0	13.94	30	Pass
NVNT	g	2412	Ant8	13.76	0	13.76	30	Pass
NVNT	g	2437	Ant8	13.01	0	13.01	30	Pass
NVNT	g	2462	Ant8	12.97	0	12.97	30	Pass
NVNT	n20	2412	Ant0	9.09	/	9.09	30	Pass
NVNT	n20	2412	Ant8	8.64	/	8.64	30	Pass
NVNT	n20	2412	Sum	11.881	0	11.881	30	Pass
NVNT	n20	2437	Ant0	9.72	/	9.72	30	Pass
NVNT	n20	2437	Ant8	8.24	/	8.24	30	Pass
NVNT	n20	2437	Sum	12.053	0	12.053	30	Pass
NVNT	n20	2462	Ant0	9.64	/	9.64	30	Pass
NVNT	n20	2462	Ant8	8.49	/	8.49	30	Pass
NVNT	n20	2462	Sum	12.113	0	12.113	30	Pass
NVNT	n40	2422	Ant0	7.08	/	7.08	30	Pass
NVNT	n40	2422	Ant8	6.07	/	6.07	30	Pass
NVNT	n40	2422	Sum	9.615	0	9.615	30	Pass
NVNT	n40	2437	Ant0	7.76	/	7.76	30	Pass
NVNT	n40	2437	Ant8	5.98	/	5.98	30	Pass
NVNT	n40	2437	Sum	9.971	0	9.971	30	Pass
NVNT	n40	2452	Ant0	8.08	/	8.08	30	Pass
NVNT	n40	2452	Ant8	6.43	/	6.43	30	Pass
NVNT	n40	2452	Sum	10.343	0	10.343	30	Pass

-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit(MHz)	Verdic
NVNT	b	2412	Ant0	7.096	0.5	Pass
NVNT	b	2437	Ant0	7.53	0.5	Pass
NVNT	b	2462	Ant0	7.082	0.5	Pass
NVNT	b	2412	Ant8	7.083	0.5	Pass
NVNT	b	2437	Ant8	8.039	0.5	Pass
NVNT	b	2462	Ant8	7.061	0.5	Pass
NVNT	g	2412	Ant0	16.559	0.5	Pass
NVNT	g	2437	Ant0	16.554	0.5	Pass
NVNT	g	2462	Ant0	16.504	0.5	Pass
NVNT	g	2412	Ant8	16.407	0.5	Pass
NVNT	g	2437	Ant8	16.577	0.5	Pass
NVNT	g	2462	Ant8	16.468	0.5	Pass
NVNT	n20	2412	Ant0	17.852	0.5	Pass
NVNT	n20	2412	Ant8	17.79	0.5	Pass
NVNT	n20	2437	Ant0	17.828	0.5	Pass
NVNT	n20	2437	Ant8	17.775	0.5	Pass
NVNT	n20	2462	Ant0	17.82	0.5	Pass
NVNT	n20	2462	Ant8	17.676	0.5	Pass
NVNT	n40	2422	Ant0	36.4	0.5	Pass
NVNT	n40	2422	Ant8	32.548	0.5	Pass
NVNT	n40	2437	Ant0	36.447	0.5	Pass
NVNT	n40	2437	Ant8	36.512	0.5	Pass
NVNT	n40	2452	Ant0	36.4	0.5	Pass
NVNT	n40	2452	Ant8	35.939	0.5	Pass

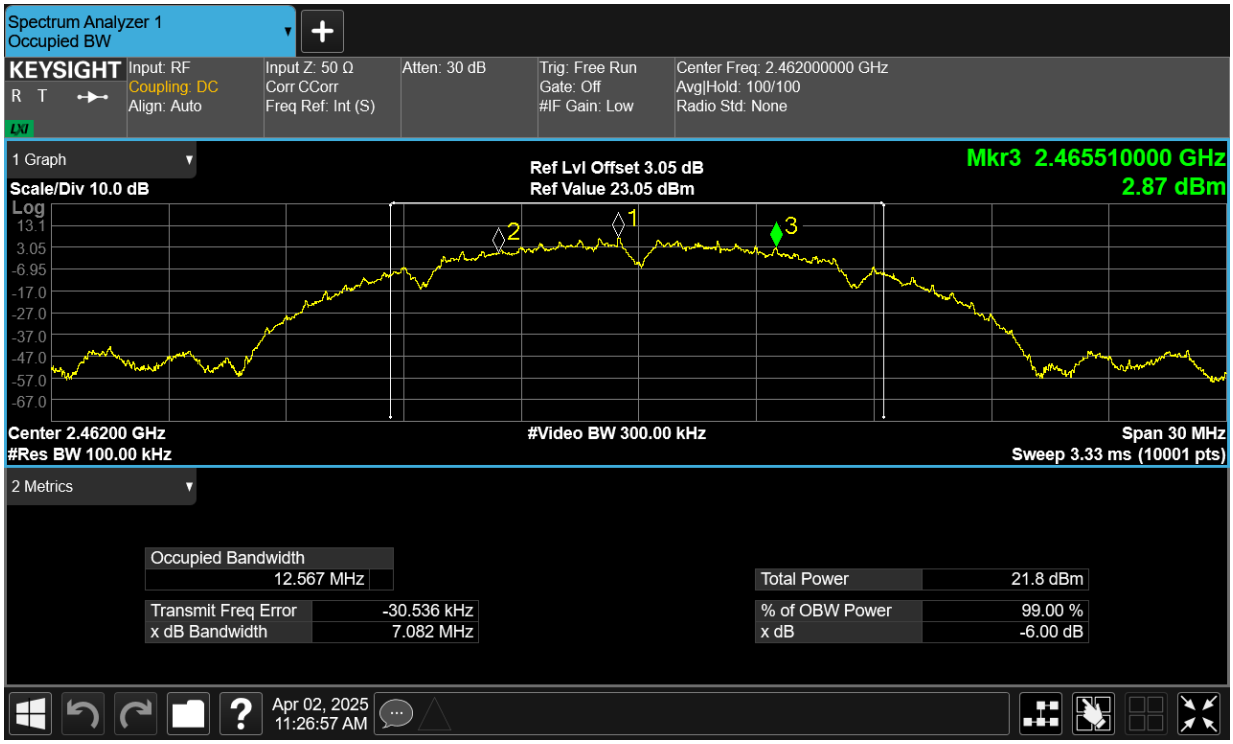
Test Graphs

-6dB Bandwidth NVNT b 2412MHz Ant0



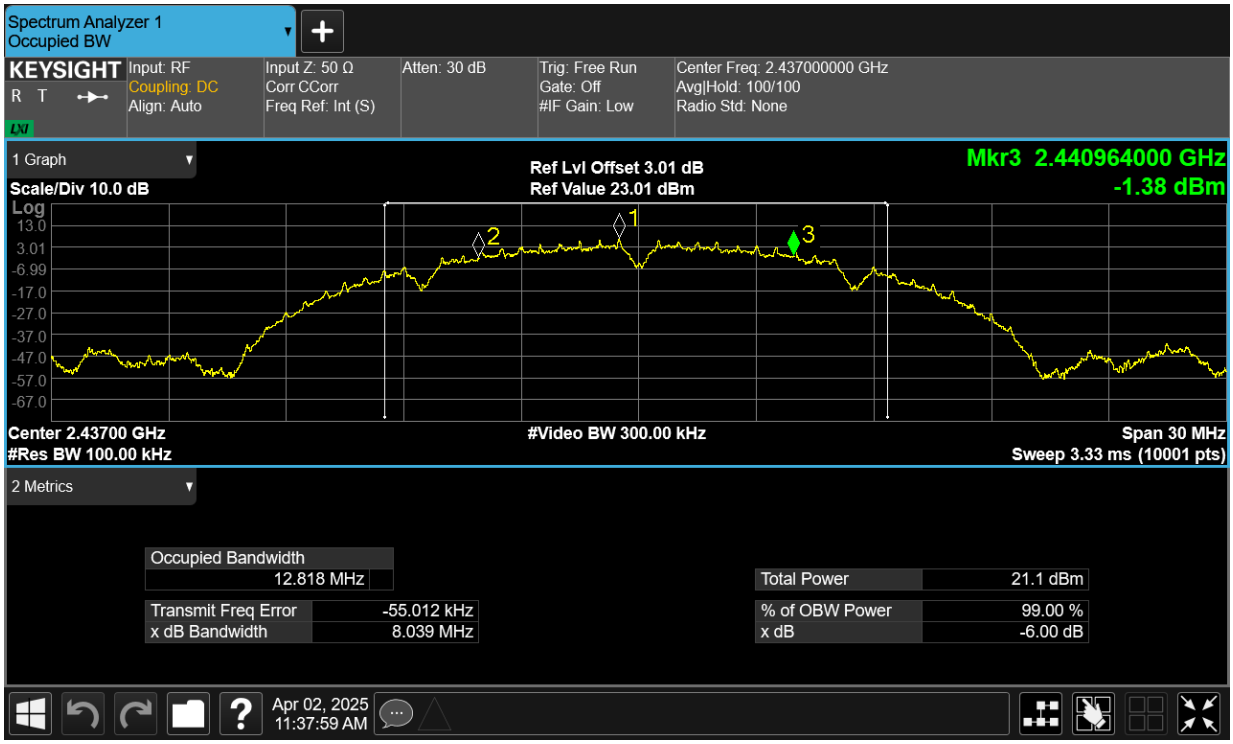
-6dB Bandwidth NVNT b 2437MHz Ant0

-6dB Bandwidth NVNT b 2462MHz Ant0

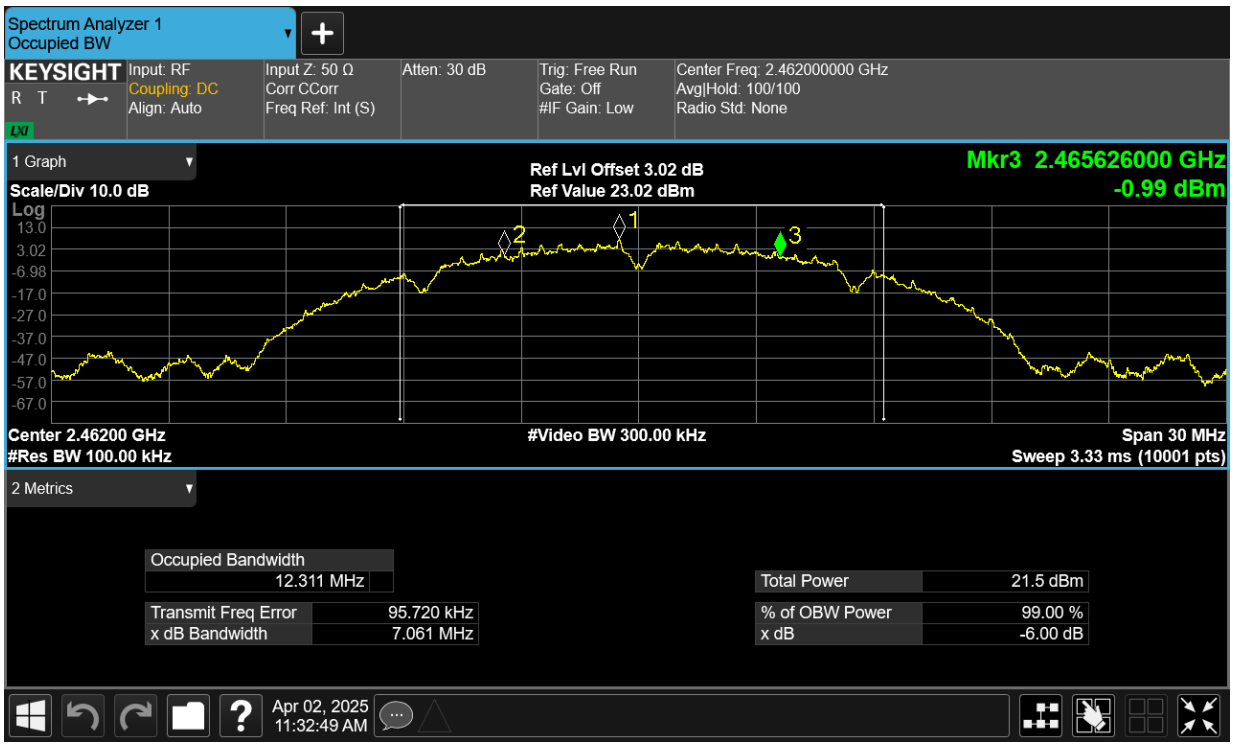


-6dB Bandwidth NVNT b 2412MHz Ant8

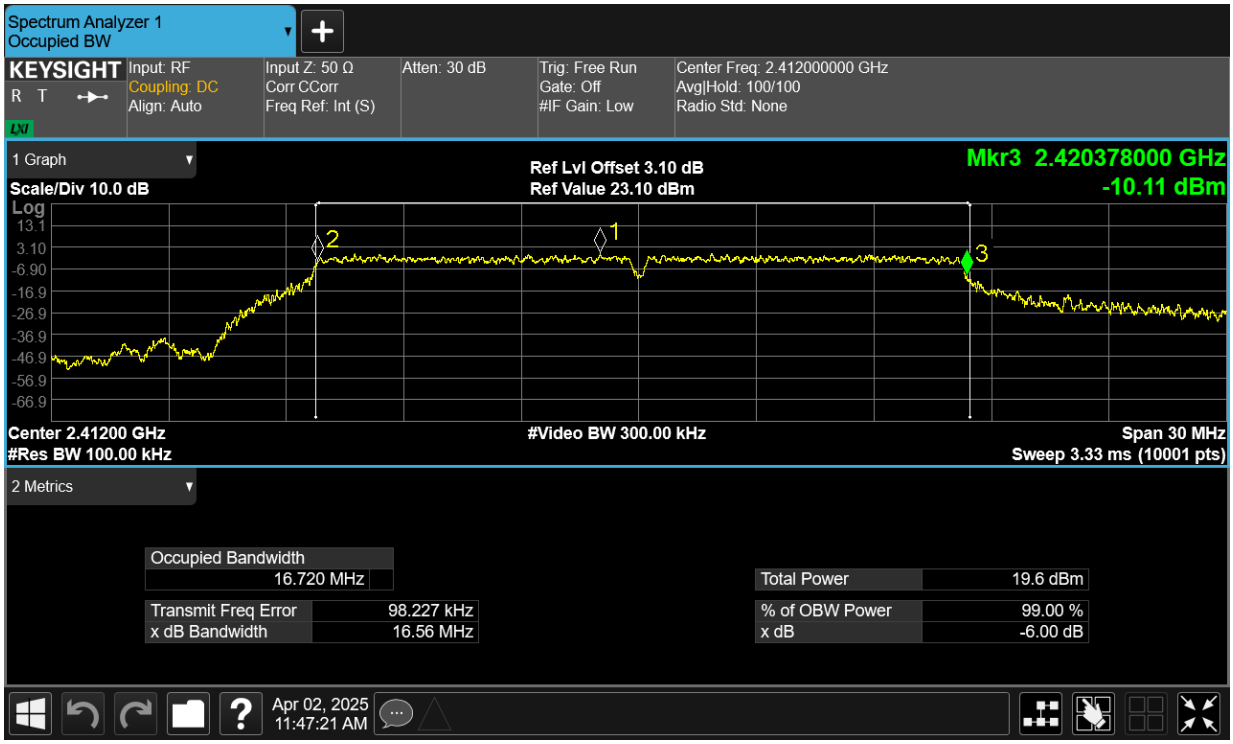
-6dB Bandwidth NVNT b 2437MHz Ant8



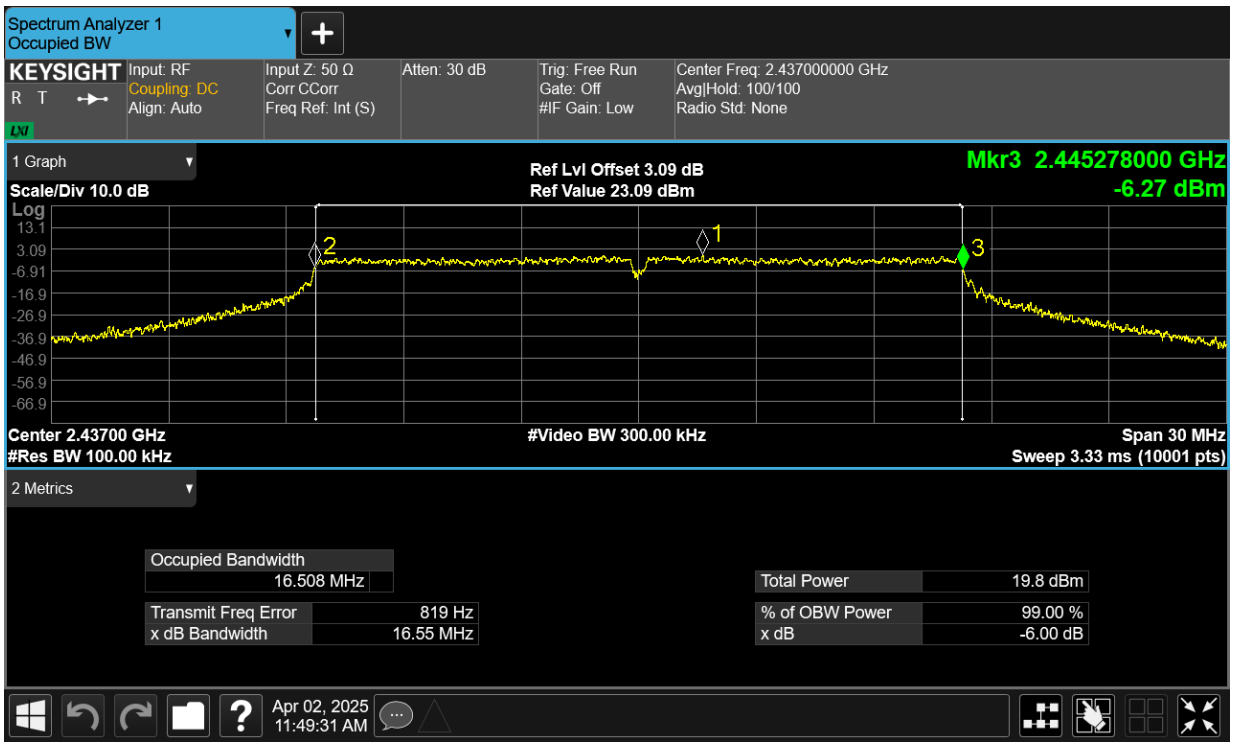
-6dB Bandwidth NVNT b 2462MHz Ant8



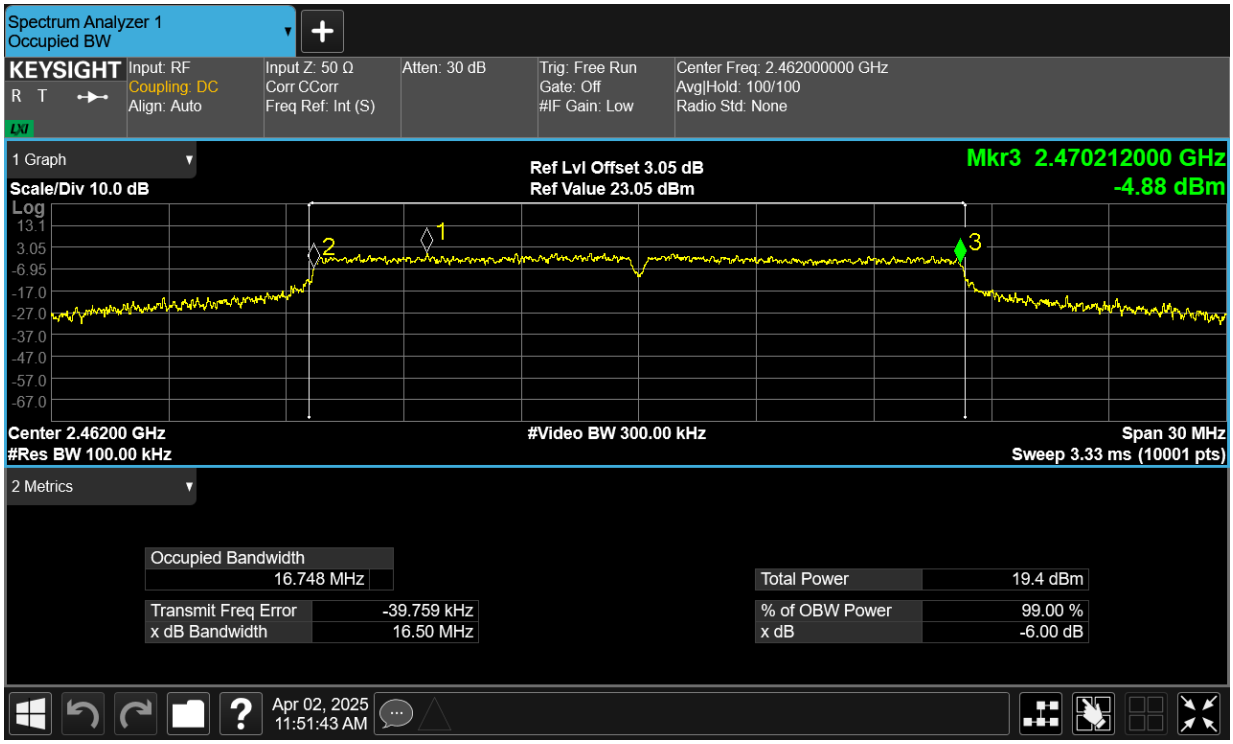
-6dB Bandwidth NVNT g 2412MHz Ant0



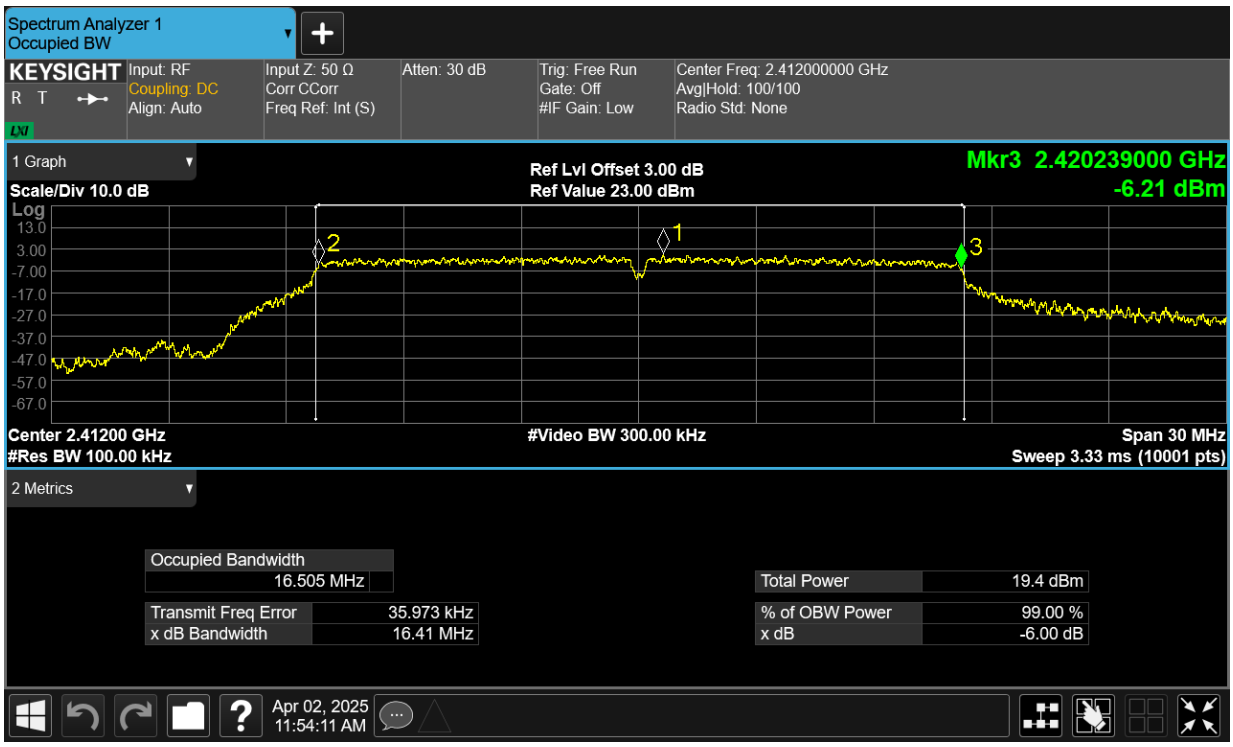
-6dB Bandwidth NVNT g 2437MHz Ant0



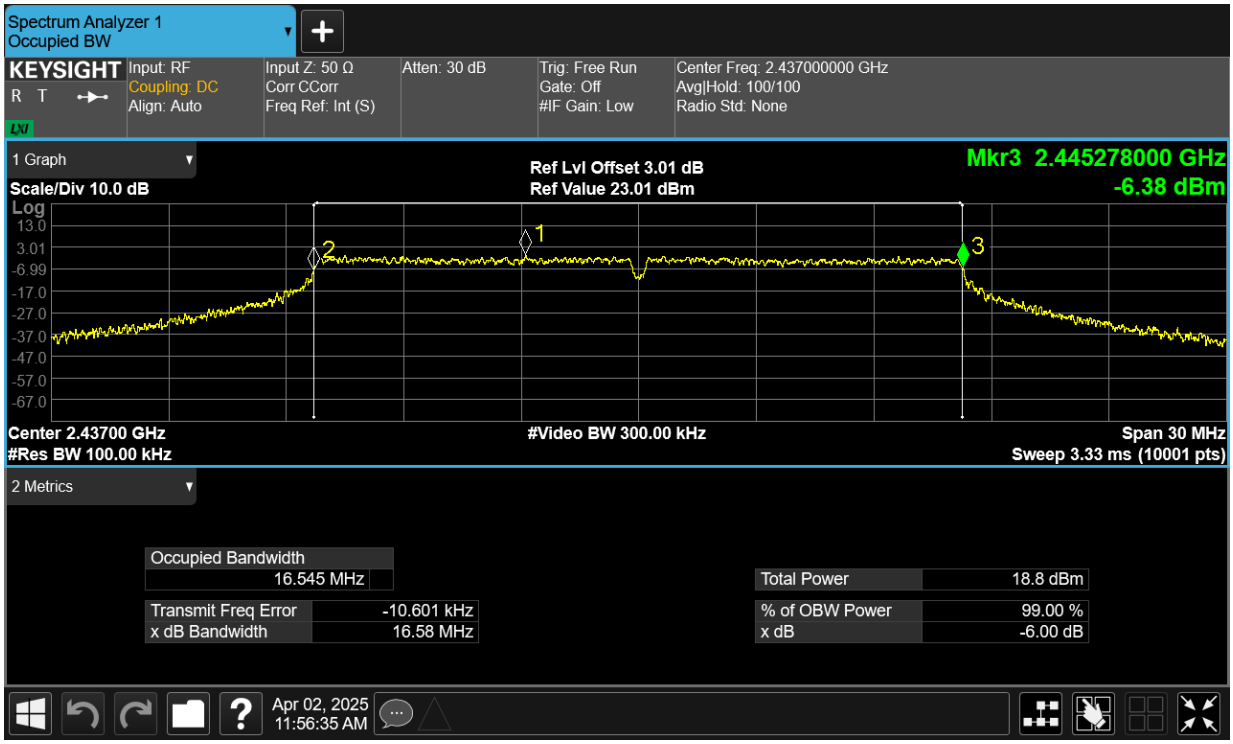
-6dB Bandwidth NVNT g 2462MHz Ant0



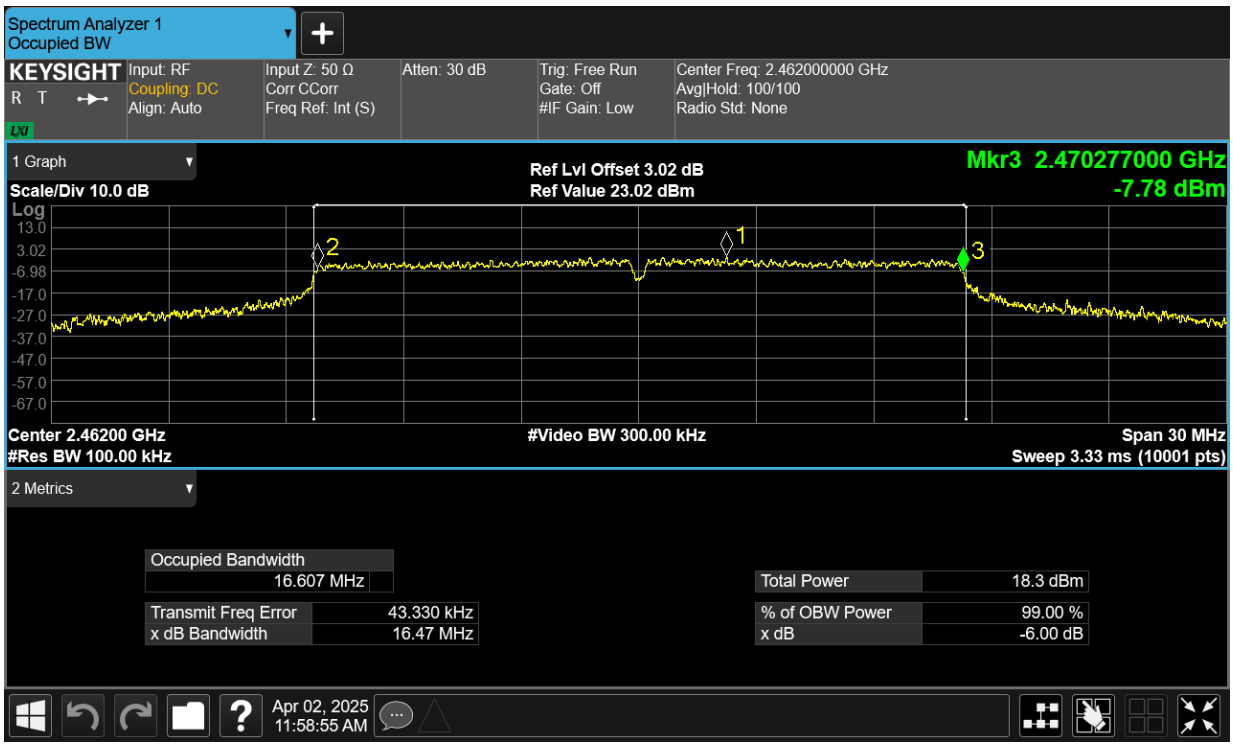
-6dB Bandwidth NVNT g 2412MHz Ant8



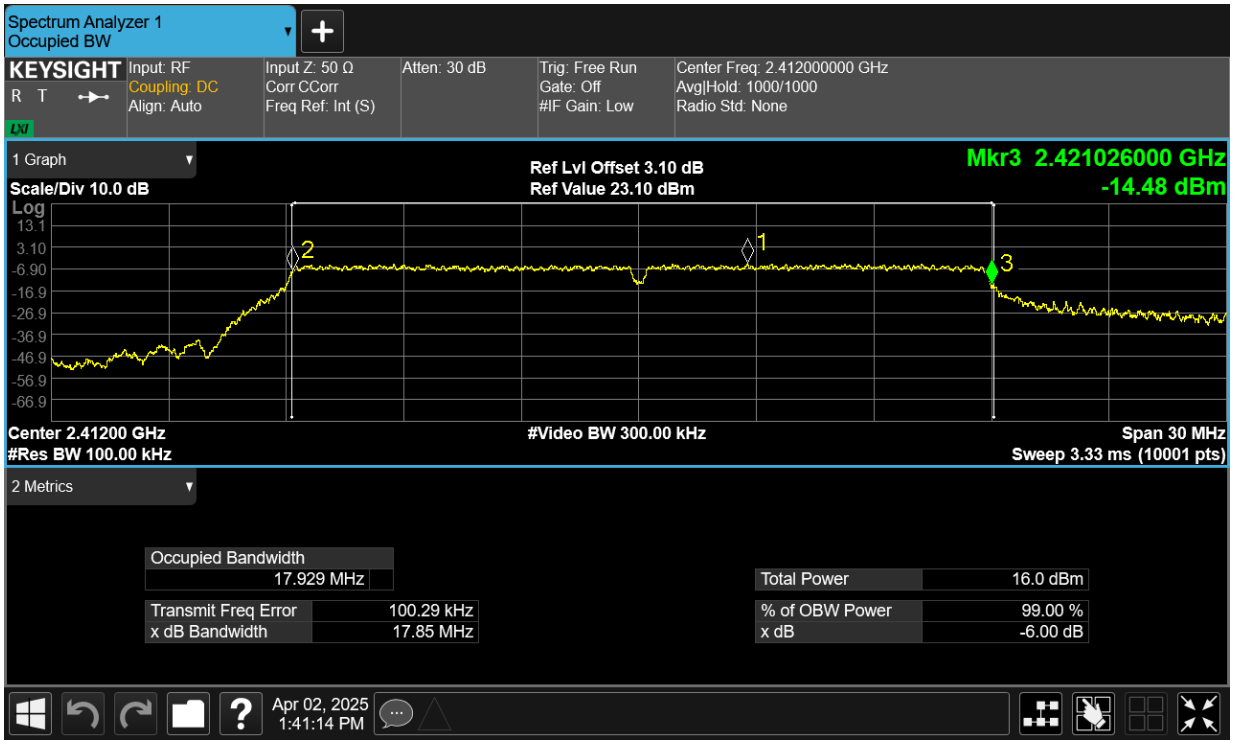
-6dB Bandwidth NVNT g 2437MHz Ant8



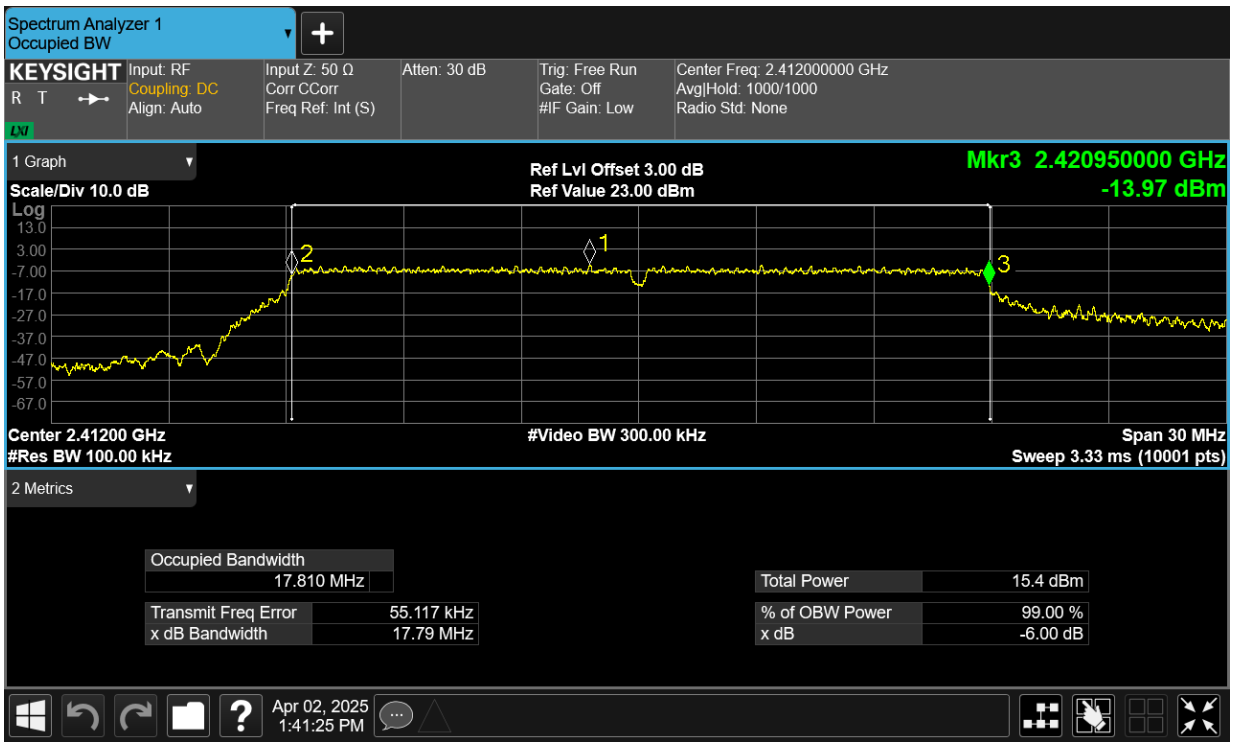
-6dB Bandwidth NVNT g 2462MHz Ant8



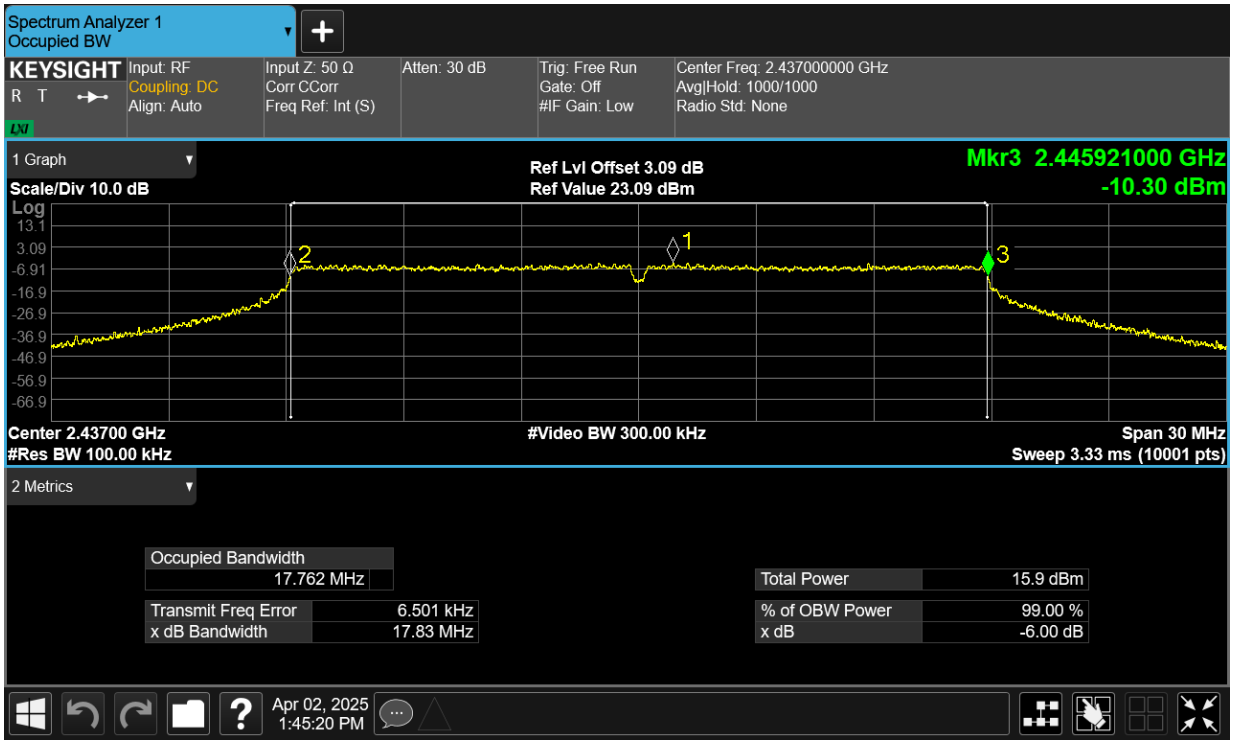
-6dB Bandwidth NVNT n20 2412MHz Ant0



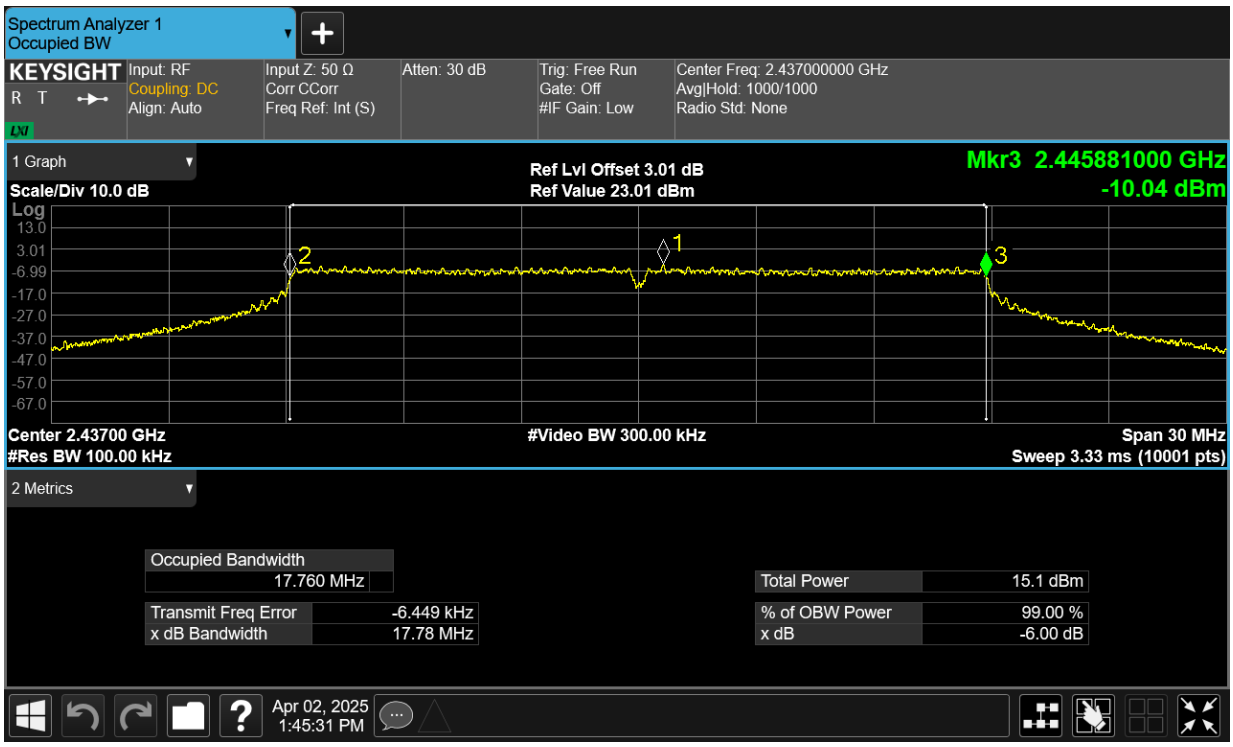
-6dB Bandwidth NVNT n20 2412MHz Ant8



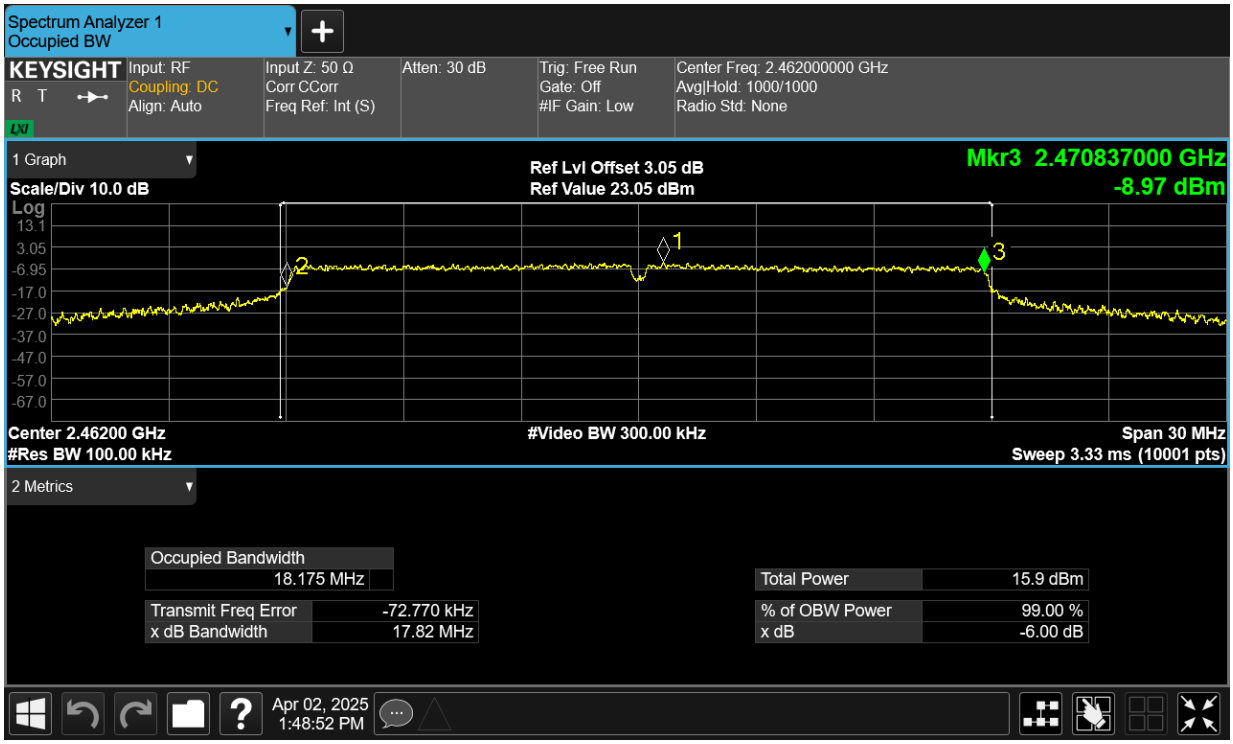
-6dB Bandwidth NVNT n20 2437MHz Ant0



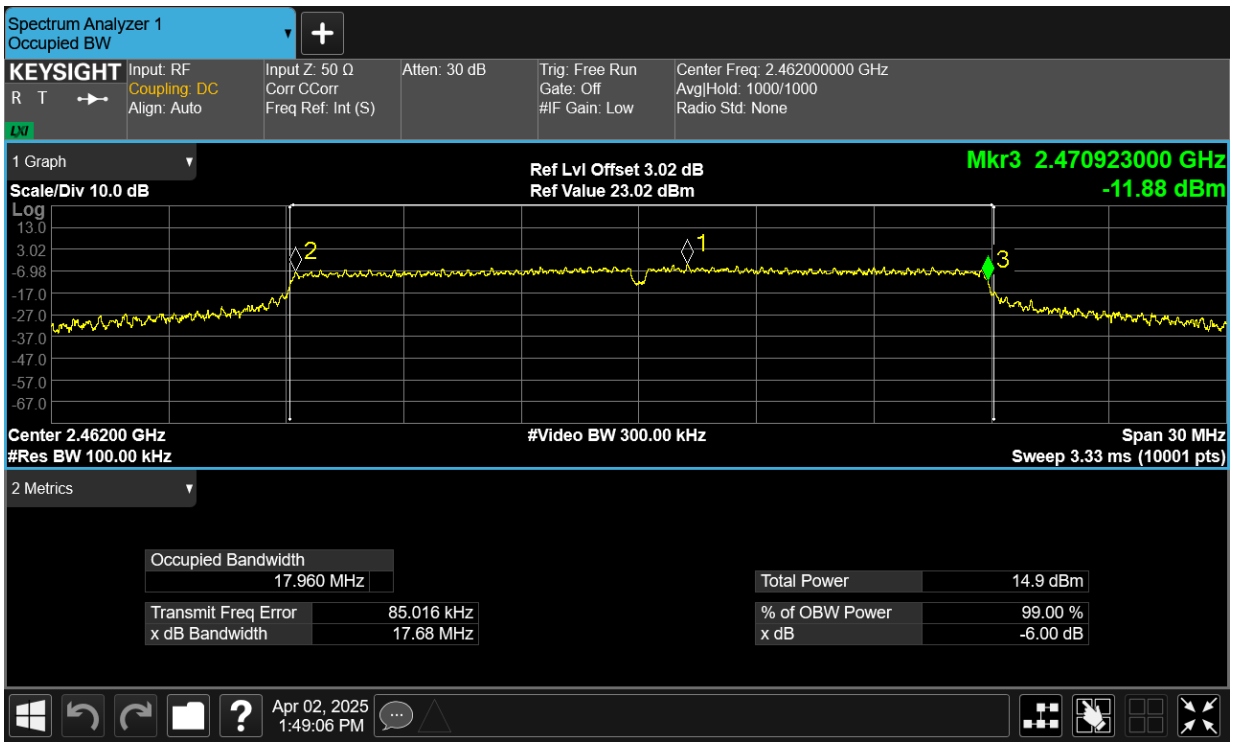
-6dB Bandwidth NVNT n20 2437MHz Ant8



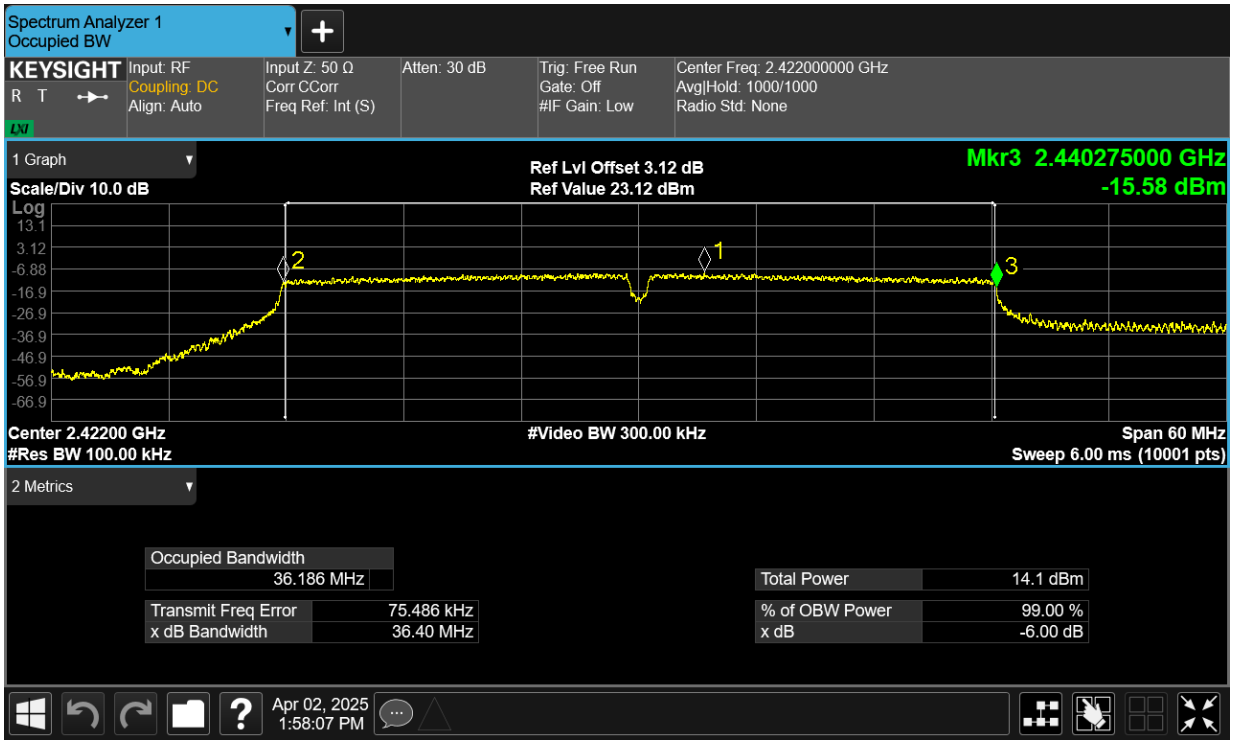
-6dB Bandwidth NVNT n20 2462MHz Ant0



-6dB Bandwidth NVNT n20 2462MHz Ant8

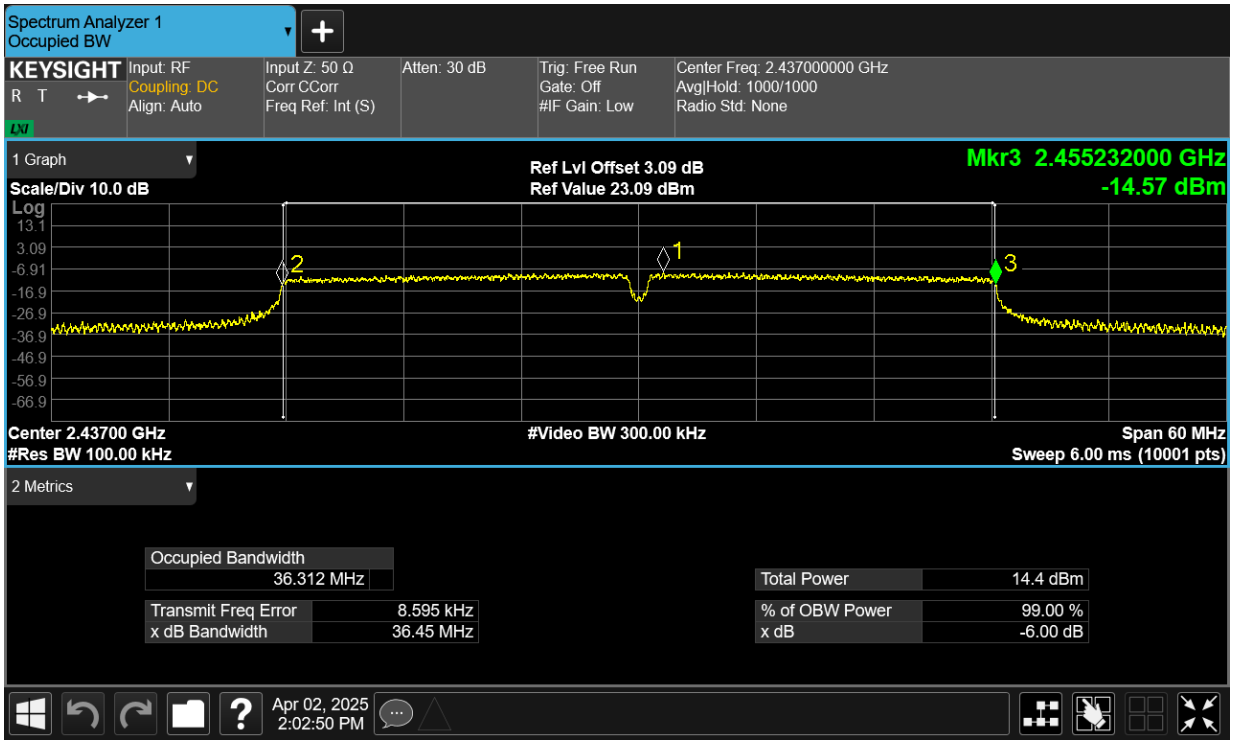


-6dB Bandwidth NVNT n40 2422MHz Ant0

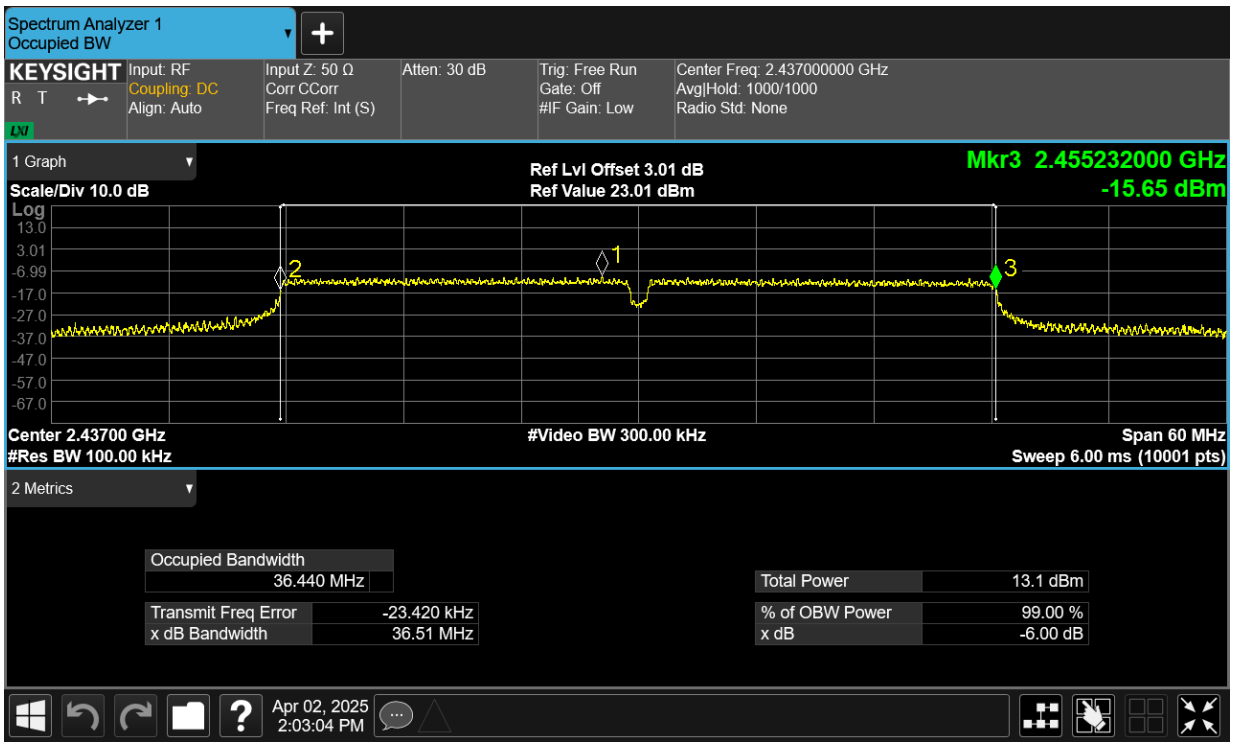


-6dB Bandwidth NVNT n40 2422MHz Ant8

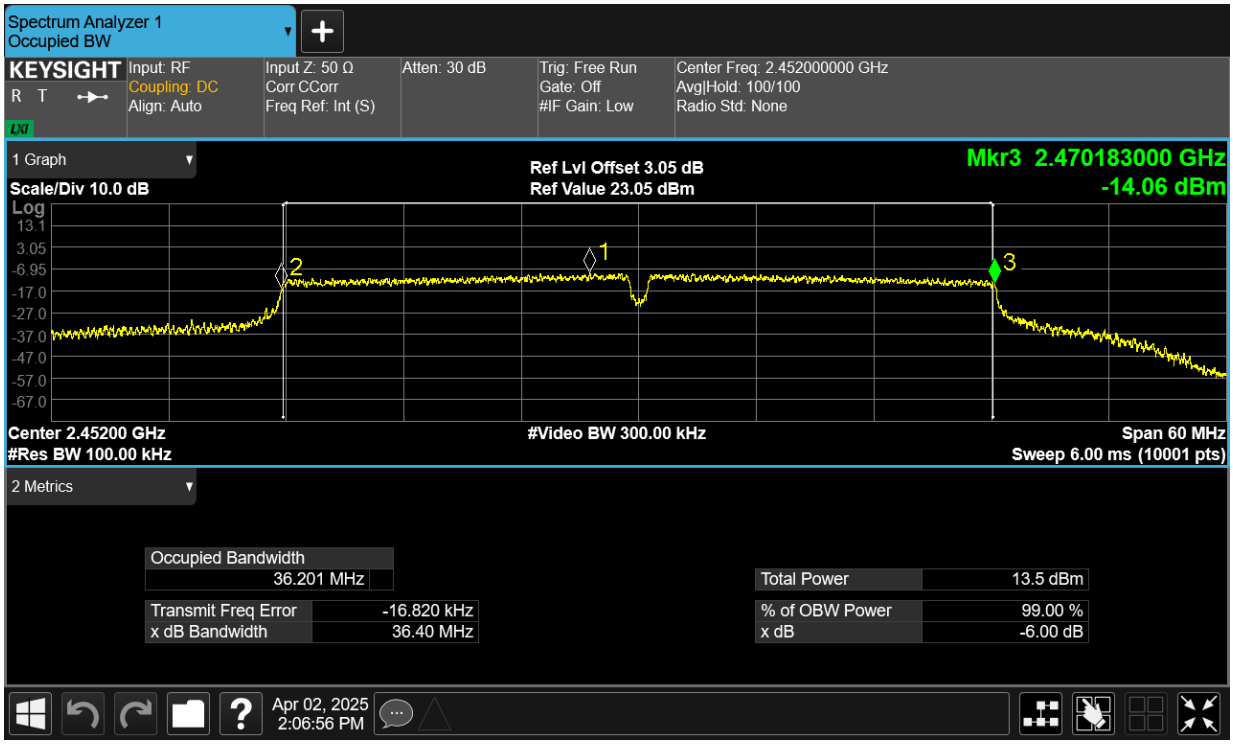
-6dB Bandwidth NVNT n40 2437MHz Ant0



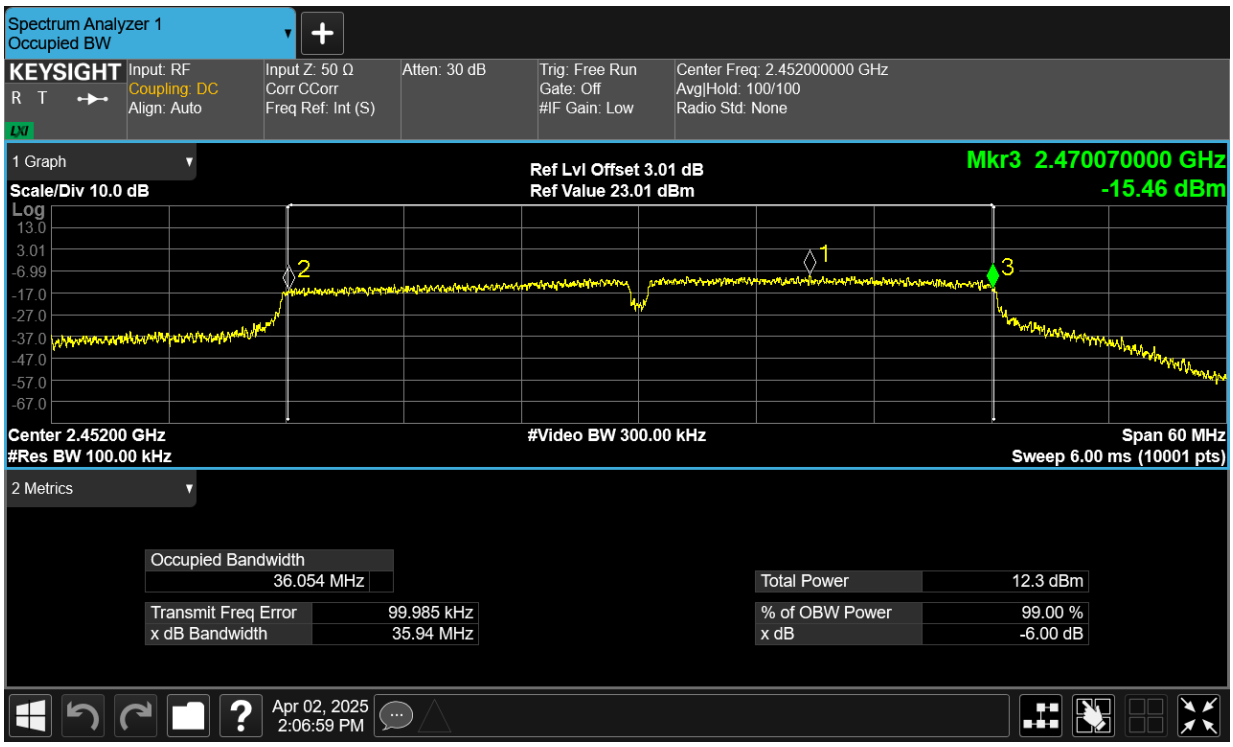
-6dB Bandwidth NVNT n40 2437MHz Ant8



-6dB Bandwidth NVNT n40 2452MHz Ant0



-6dB Bandwidth NVNT n40 2452MHz Ant8

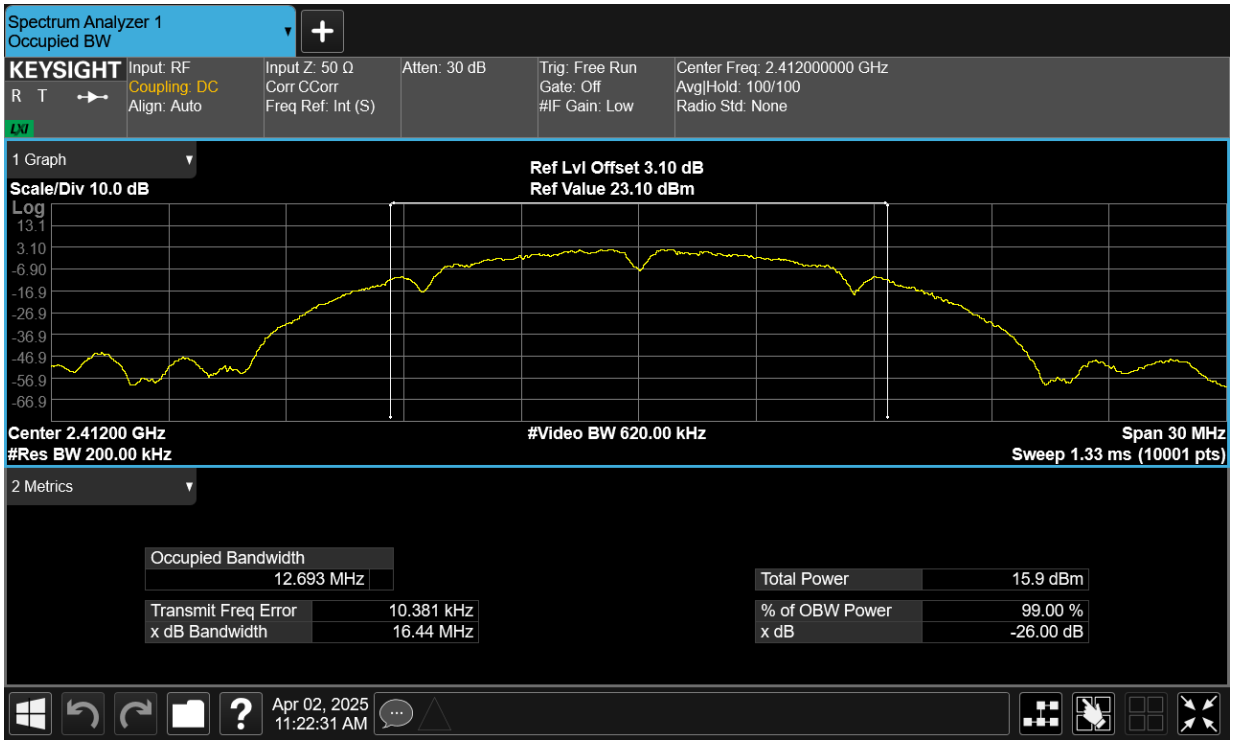


Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant0	12.693
NVNT	b	2437	Ant0	12.737
NVNT	b	2462	Ant0	12.603
NVNT	b	2412	Ant8	12.543
NVNT	b	2437	Ant8	12.839
NVNT	b	2462	Ant8	12.327
NVNT	g	2412	Ant0	16.945
NVNT	g	2437	Ant0	16.673
NVNT	g	2462	Ant0	16.954
NVNT	g	2412	Ant8	16.678
NVNT	g	2437	Ant8	16.703
NVNT	g	2462	Ant8	16.796
NVNT	n20	2412	Ant0	18.089
NVNT	n20	2412	Ant8	17.98
NVNT	n20	2437	Ant0	17.954
NVNT	n20	2437	Ant8	17.898
NVNT	n20	2462	Ant0	18.339
NVNT	n20	2462	Ant8	18.154
NVNT	n40	2422	Ant0	36.332
NVNT	n40	2422	Ant8	35.94
NVNT	n40	2437	Ant0	36.609
NVNT	n40	2437	Ant8	36.676
NVNT	n40	2452	Ant0	36.285
NVNT	n40	2452	Ant8	36.141

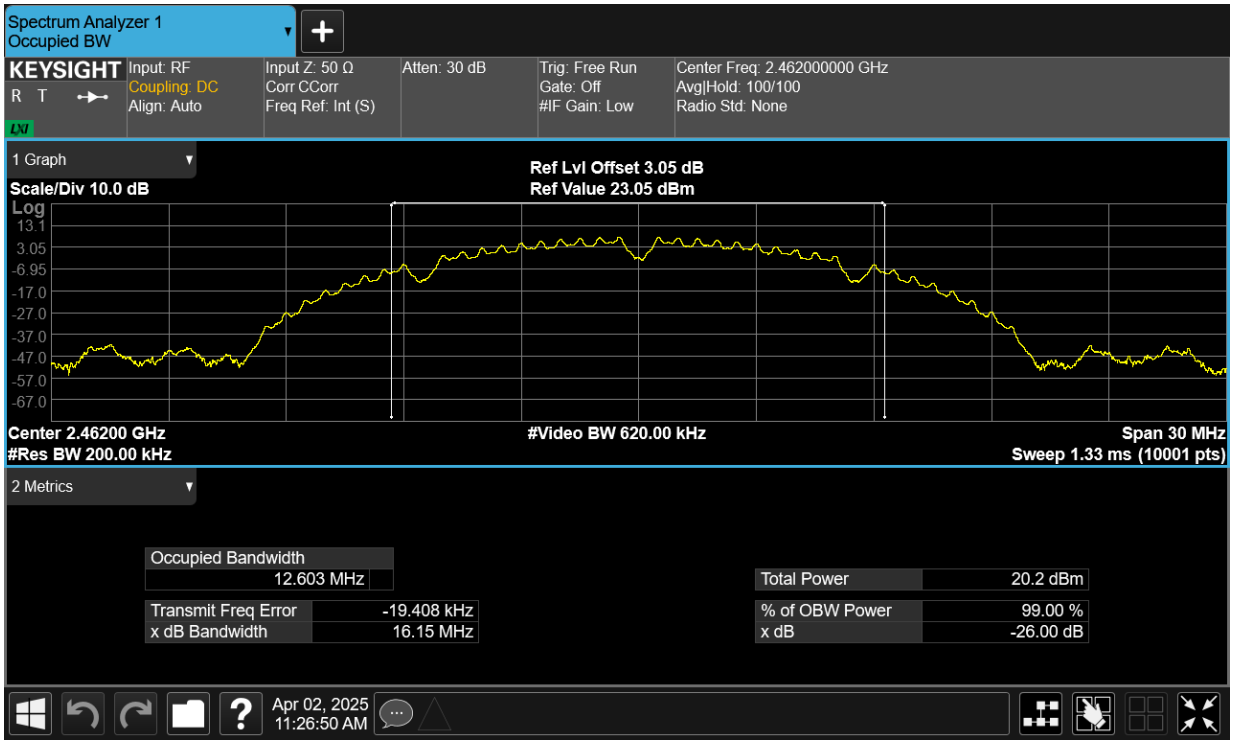
Test Graphs

OBW NVNT b 2412MHz Ant0



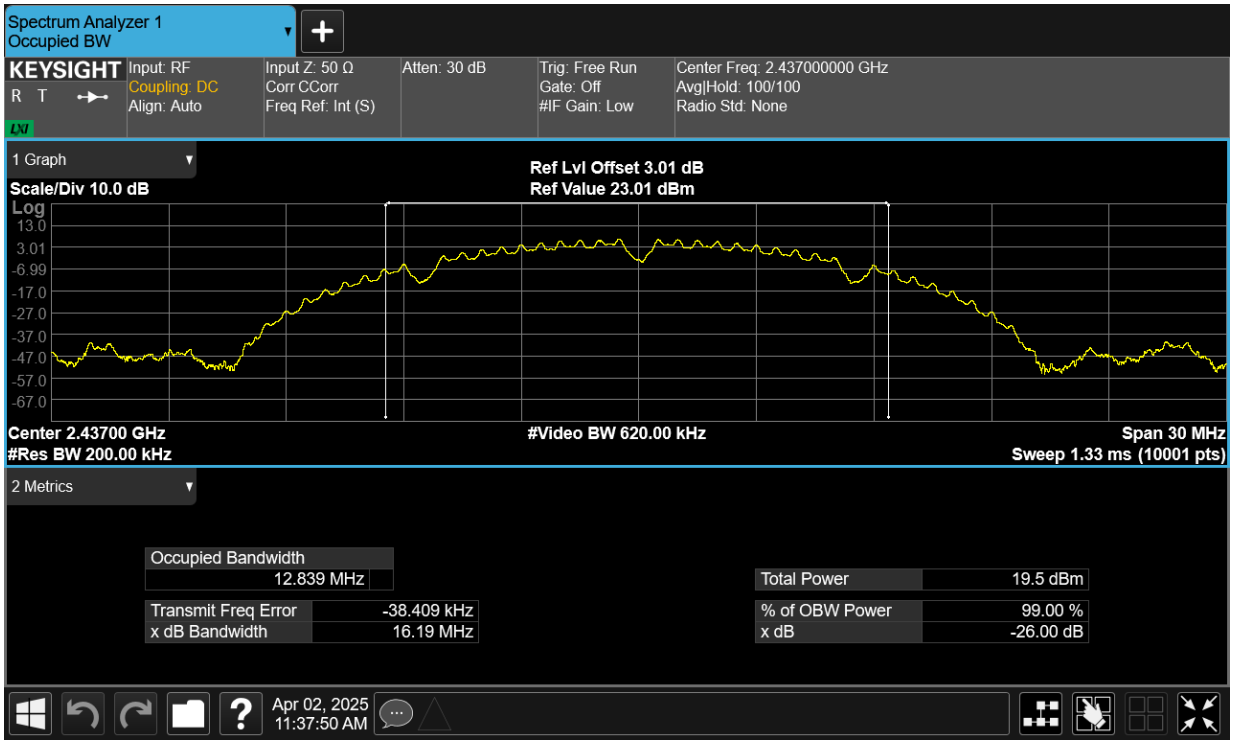
OBW NVNT b 2437MHz Ant0

OBW NVNT b 2462MHz Ant0



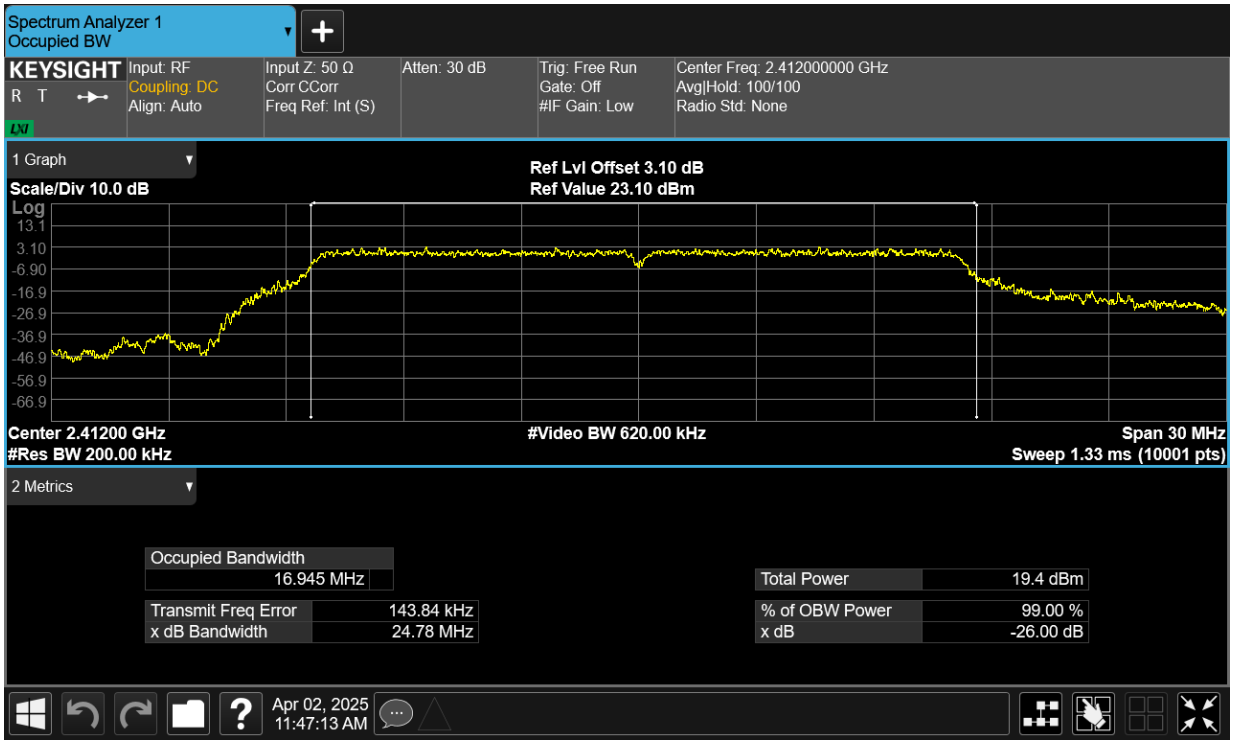
OBW NVNT b 2412MHz Ant8

OBW NVNT b 2437MHz Ant8



OBW NVNT b 2462MHz Ant8

OBW NVNT g 2412MHz Ant0



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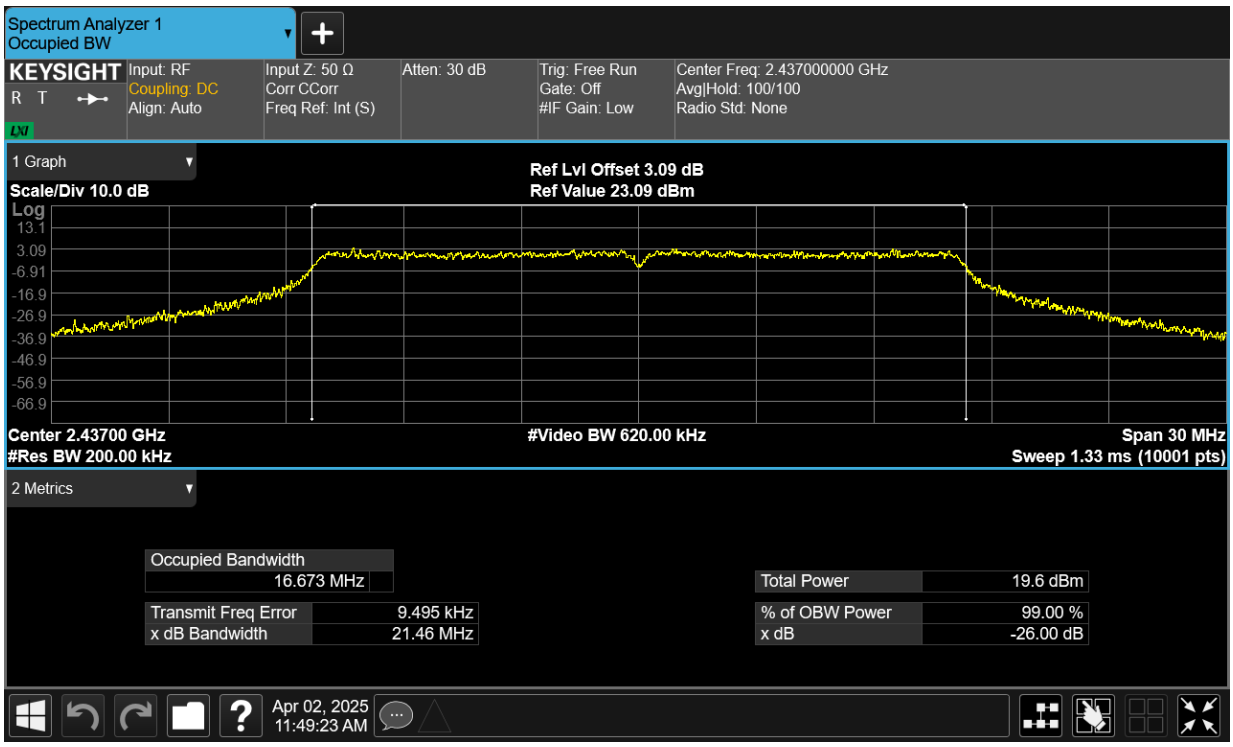
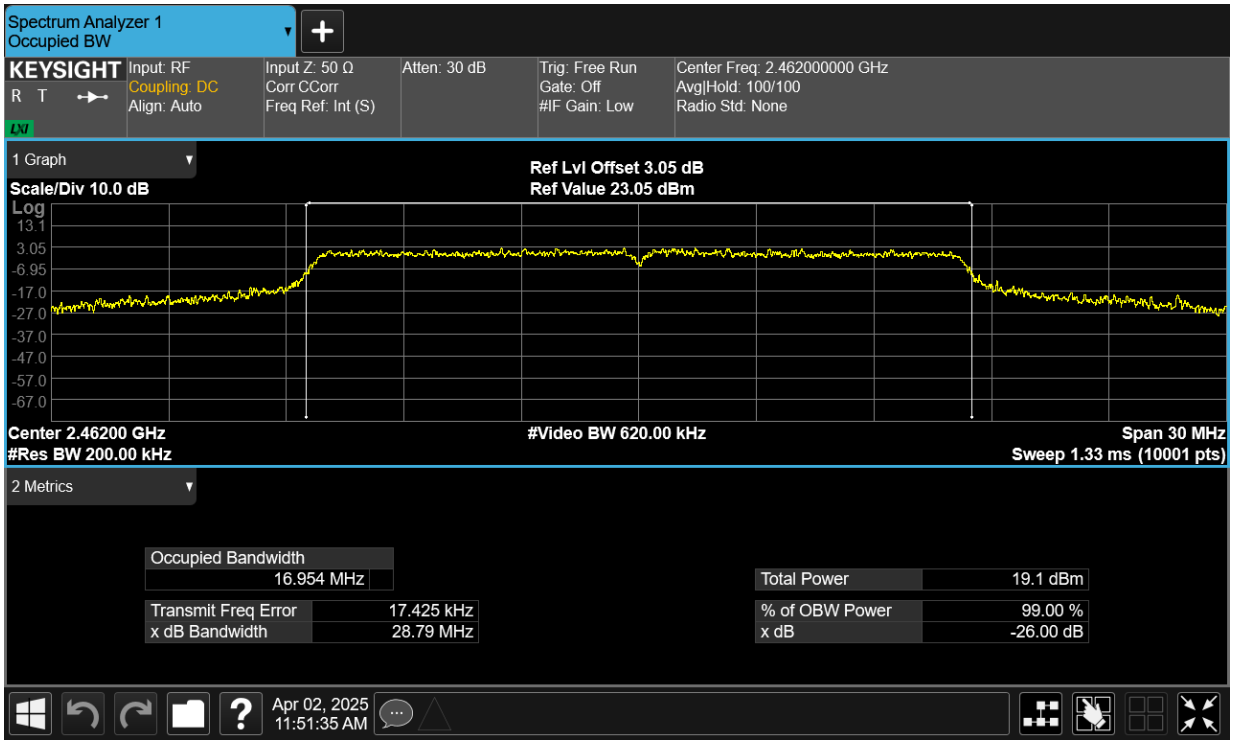
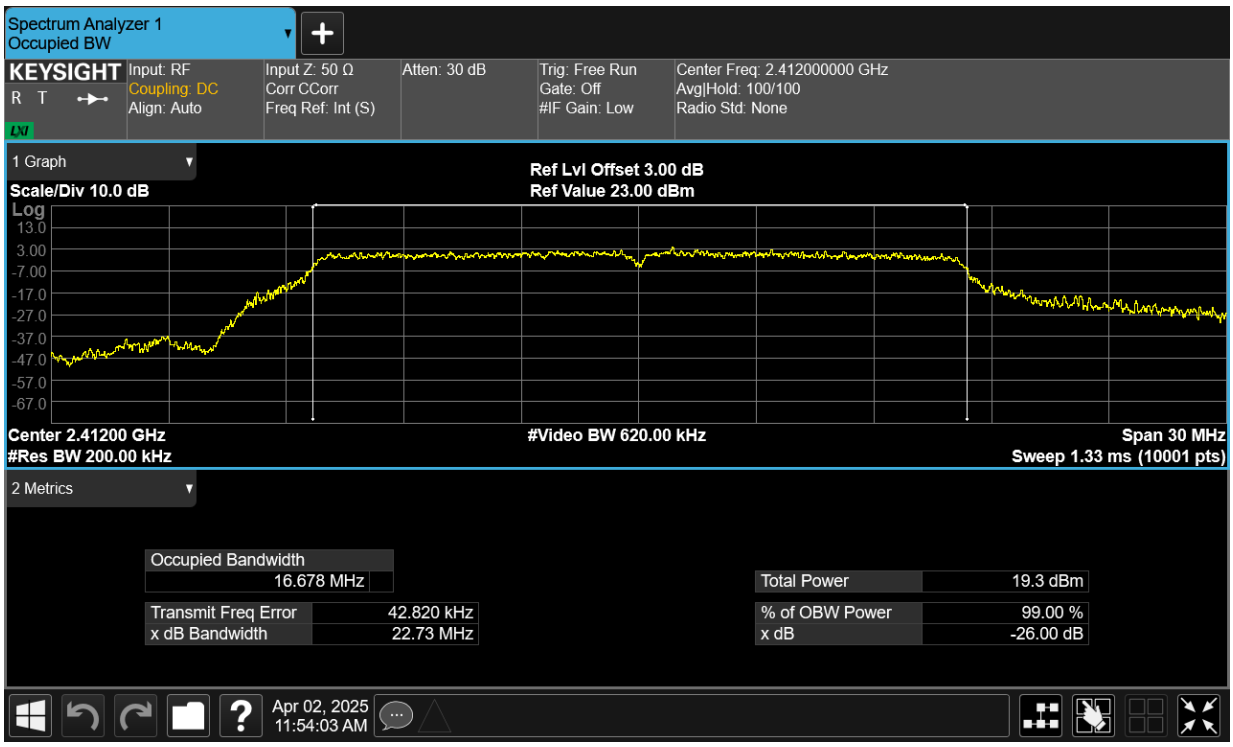


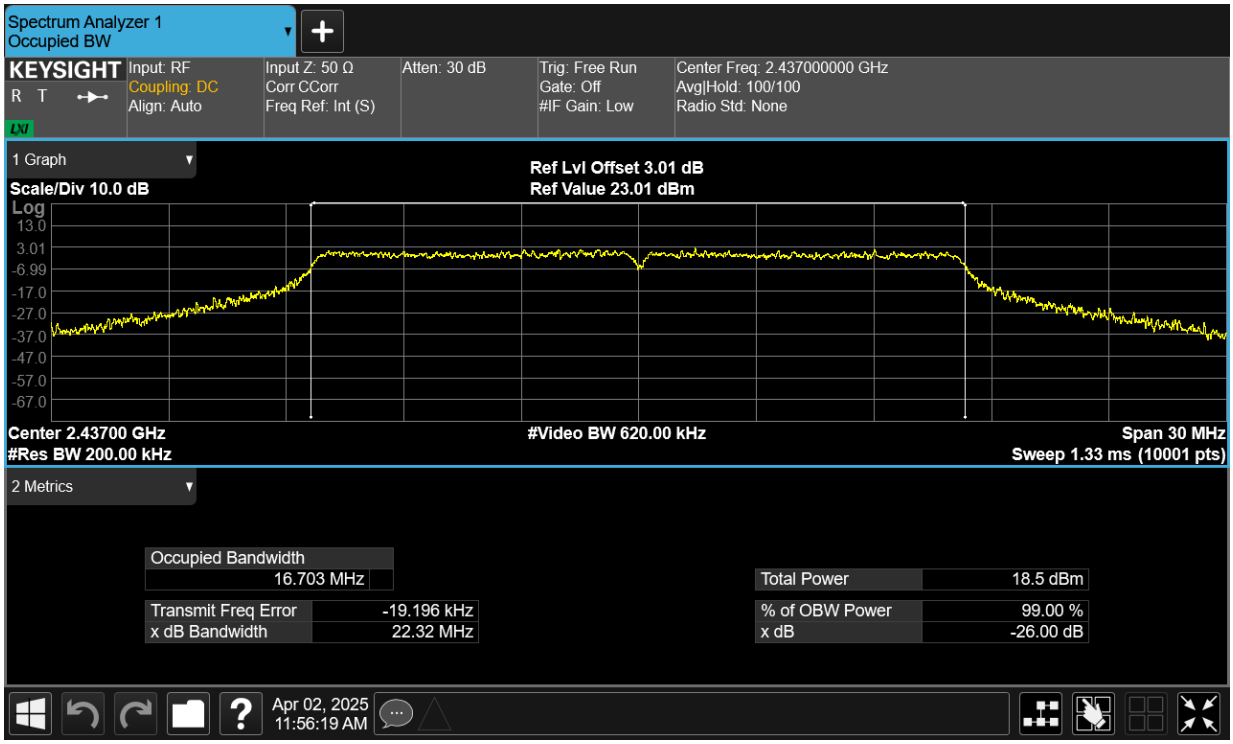
OBW NVNT g 2462MHz Ant0



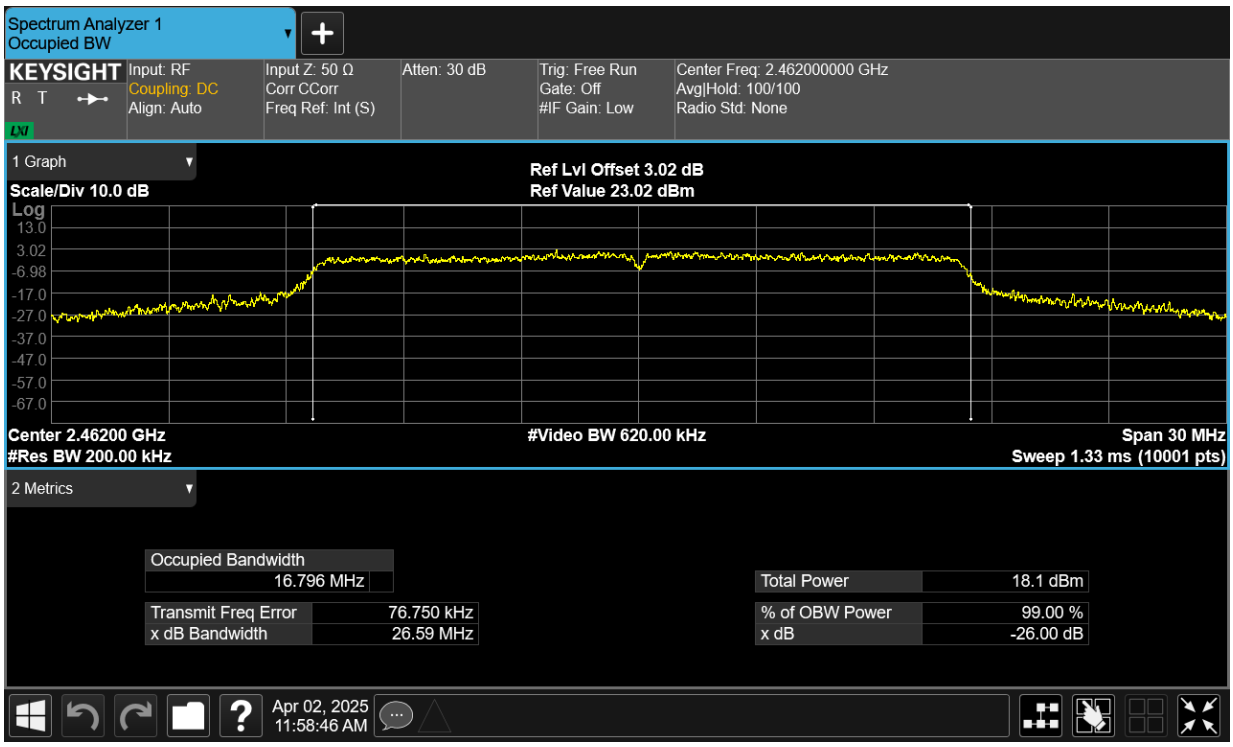
OBW NVNT g 2412MHz Ant8



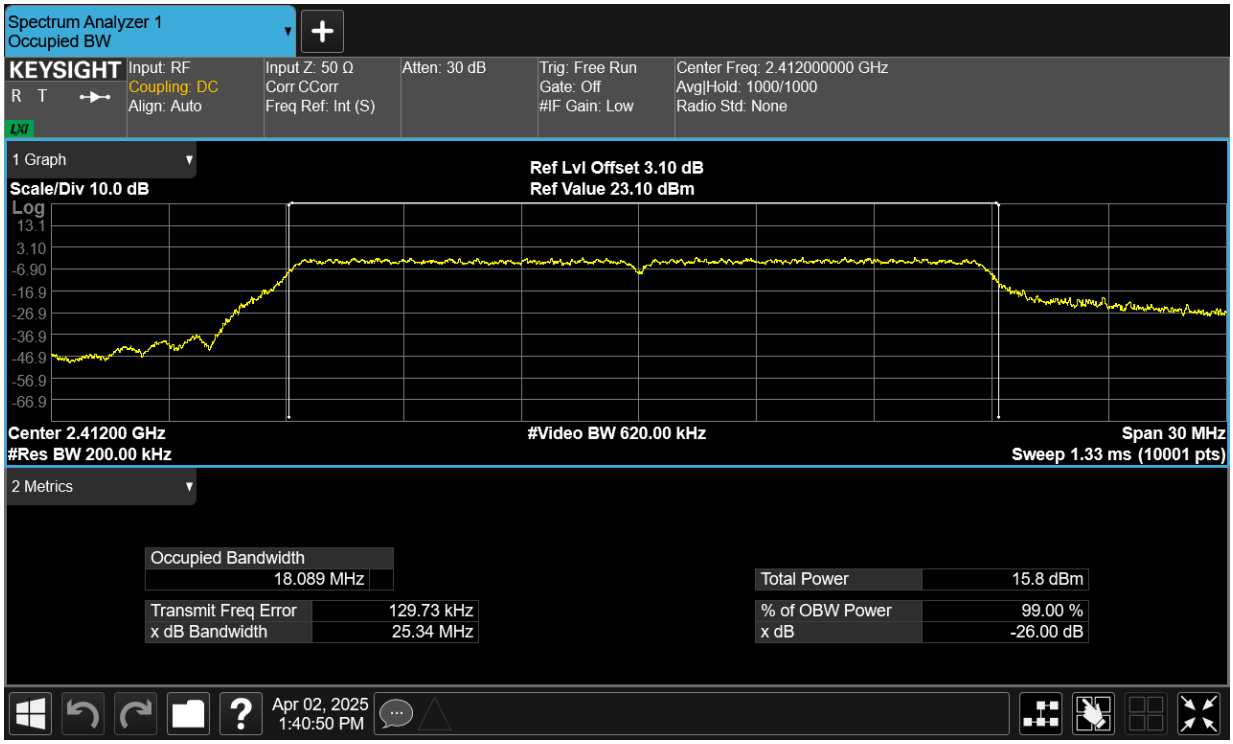
OBW NVNT g 2437MHz Ant8



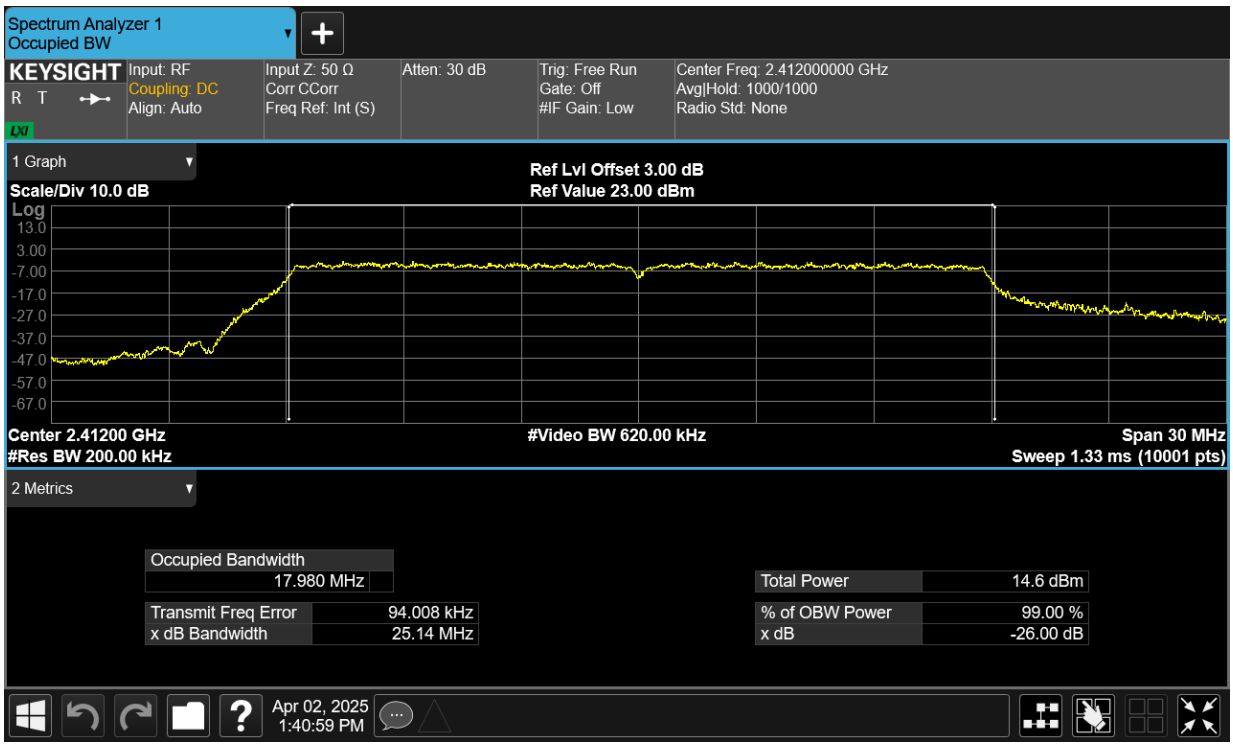
OBW NVNT g 2462MHz Ant8



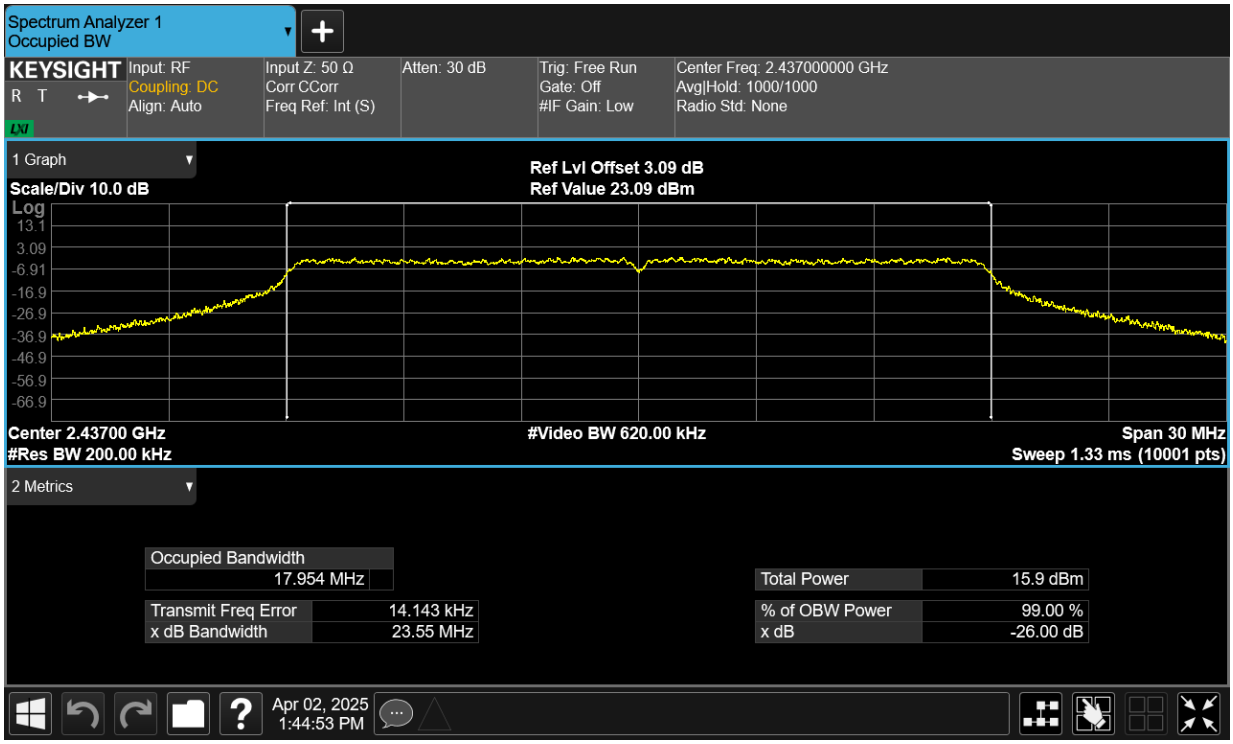
OBW NVNT n20 2412MHz Ant0



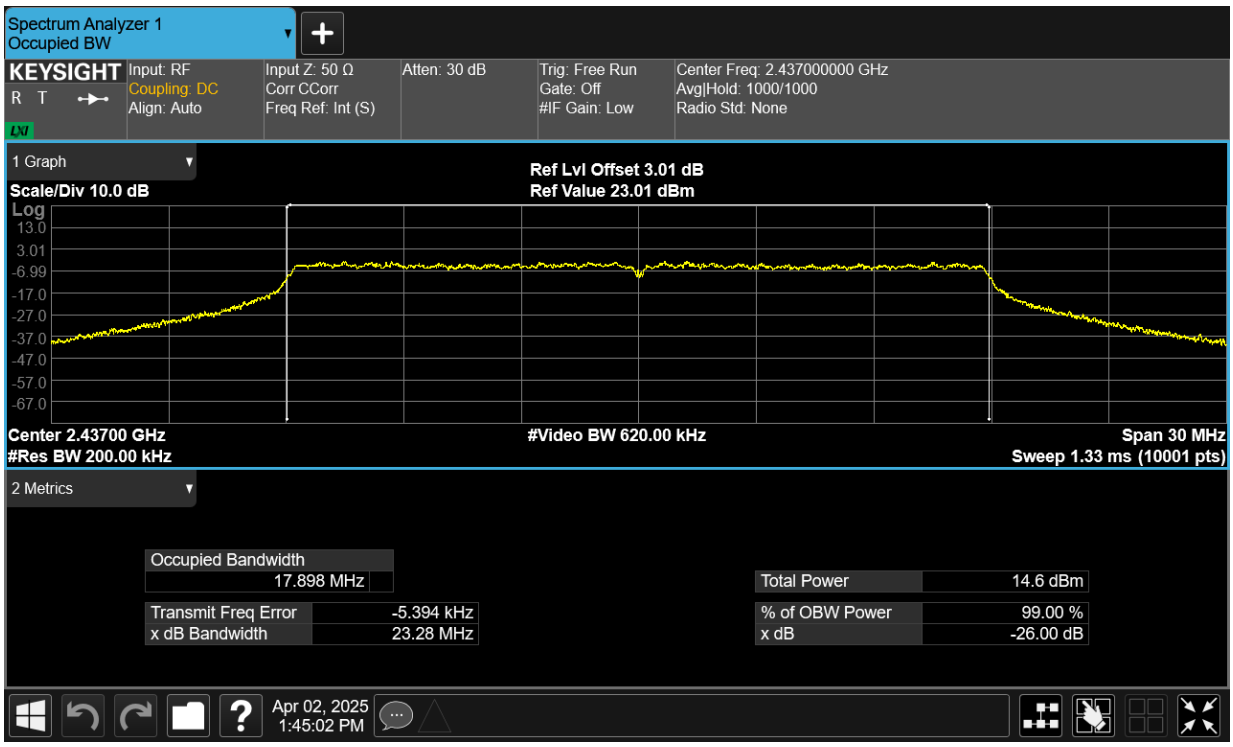
OBW NVNT n20 2412MHz Ant8



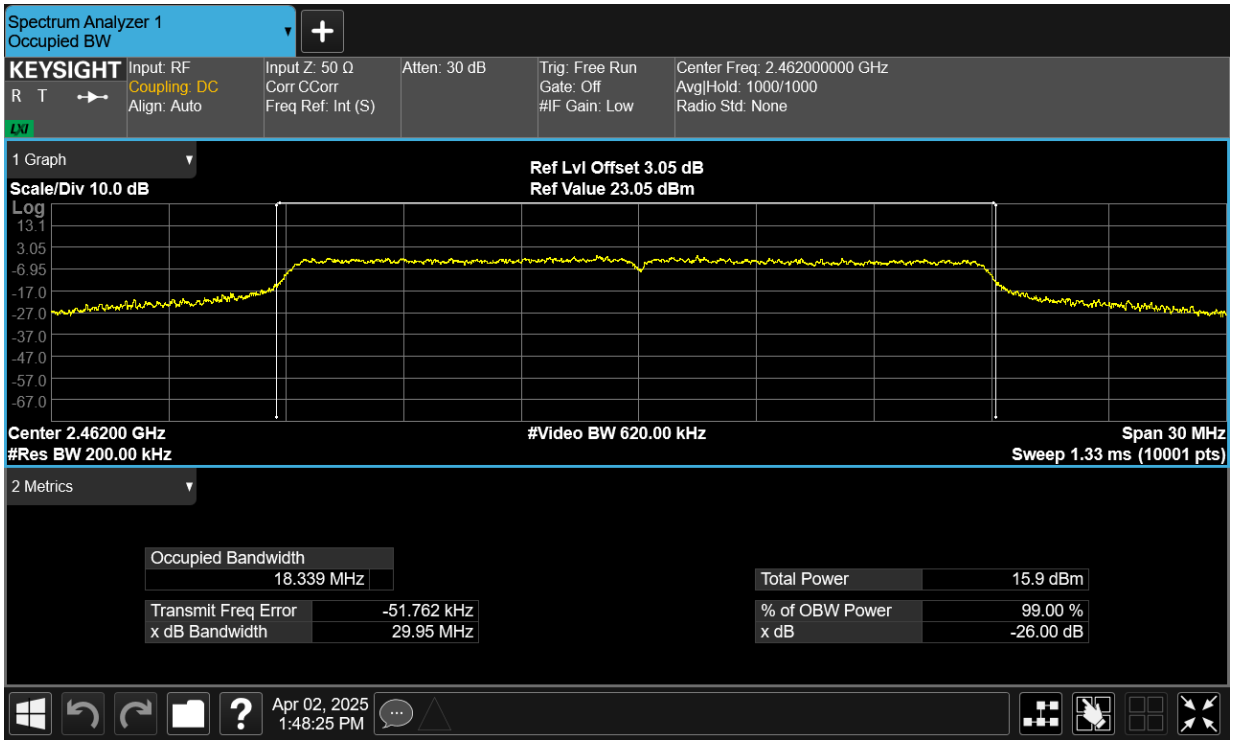
OBW NVNT n20 2437MHz Ant0



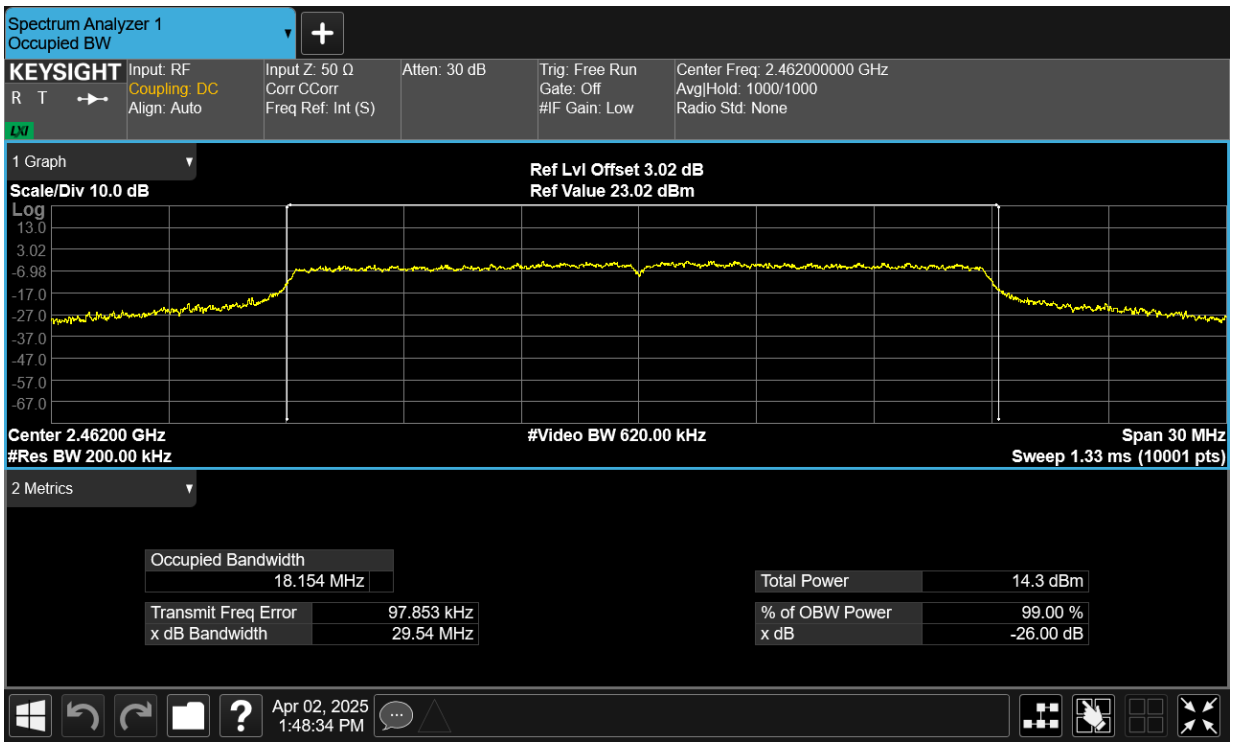
OBW NVNT n20 2437MHz Ant8



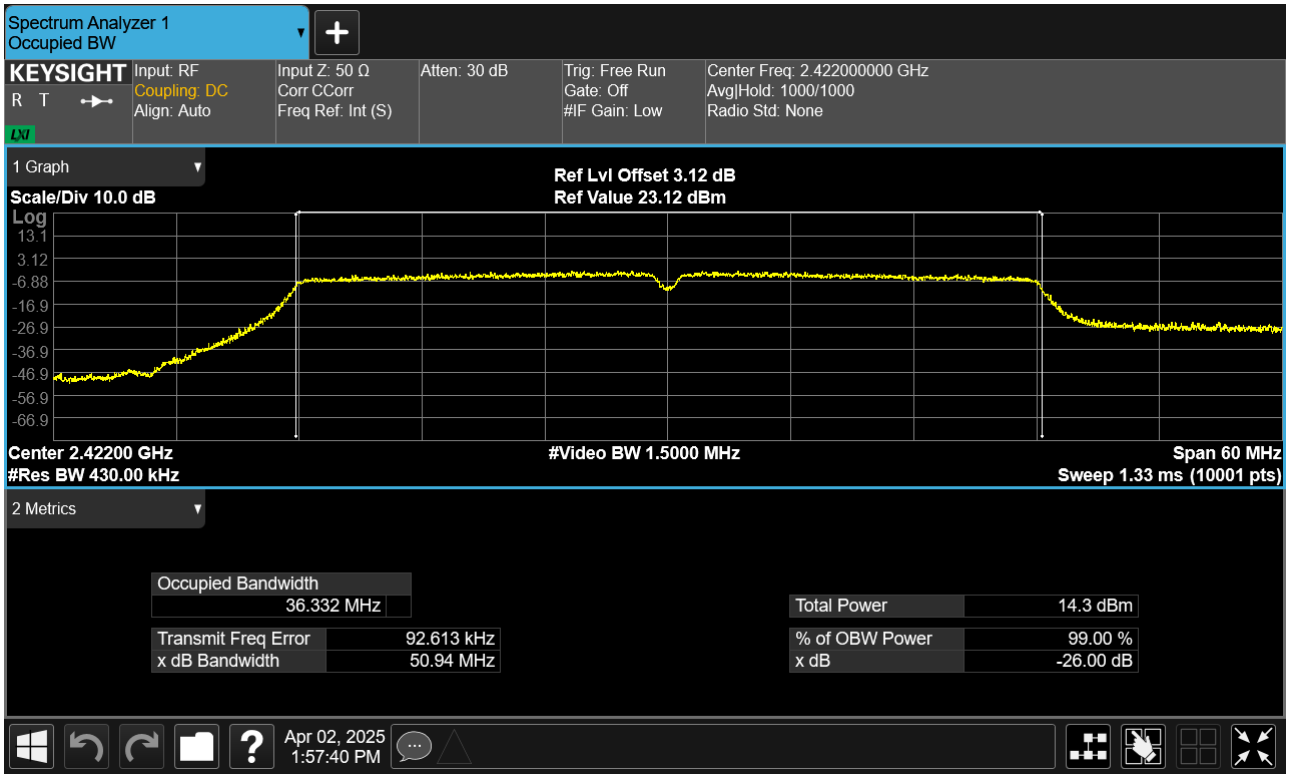
OBW NVNT n20 2462MHz Ant0



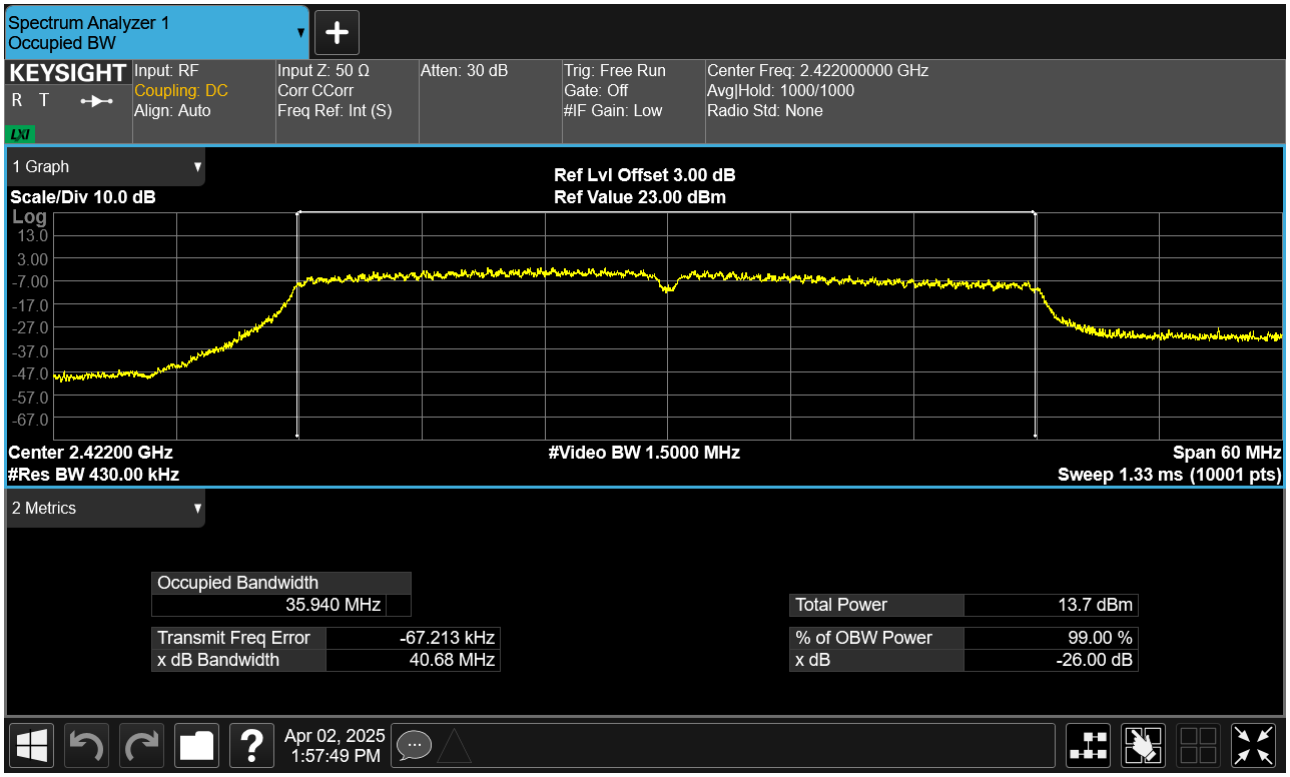
OBW NVNT n20 2462MHz Ant8



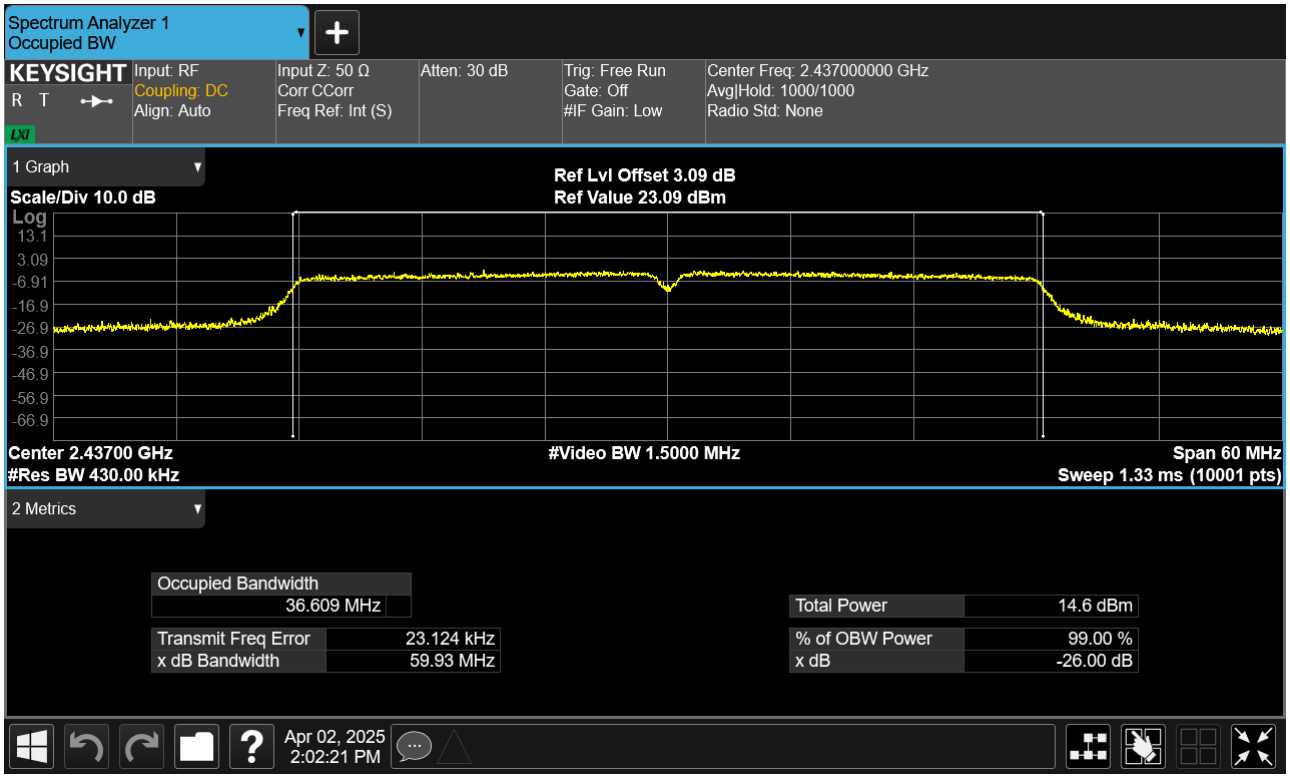
OBW NVNT n40 2422MHz Ant0



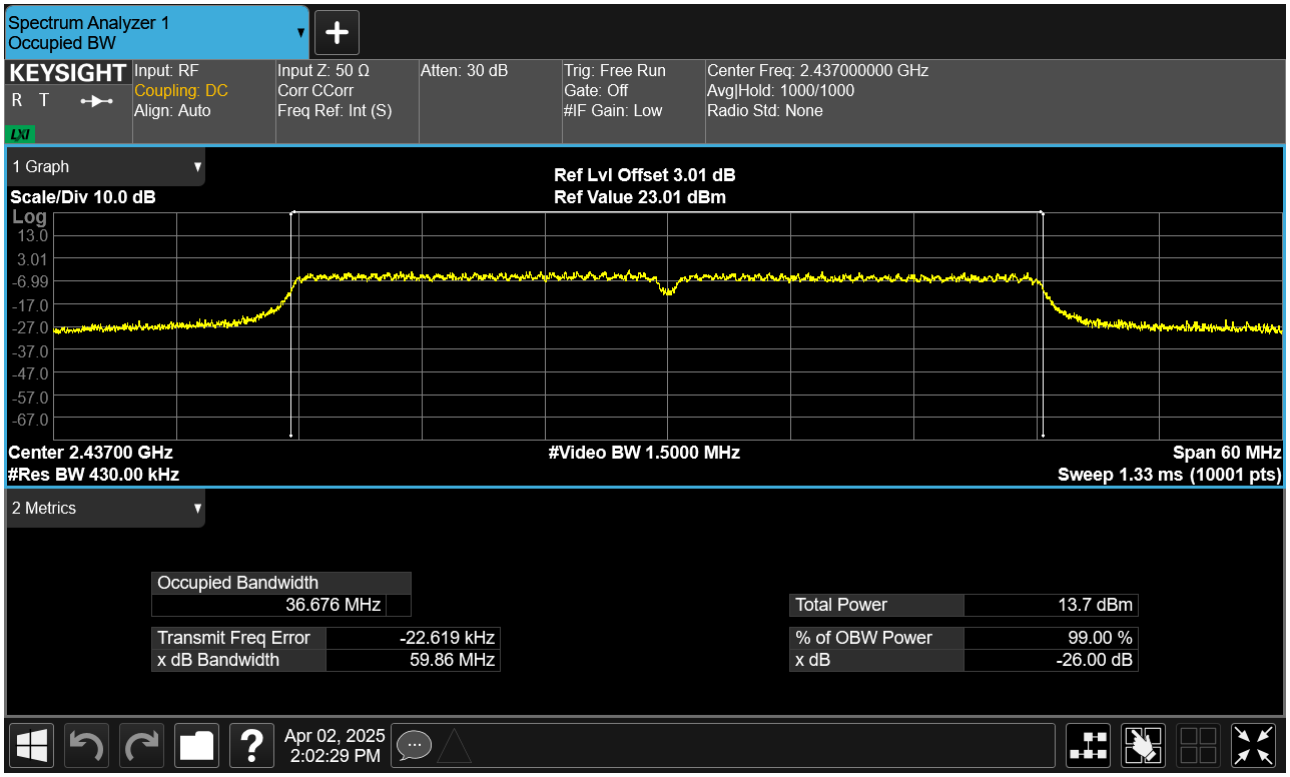
OBW NVNT n40 2422MHz Ant8



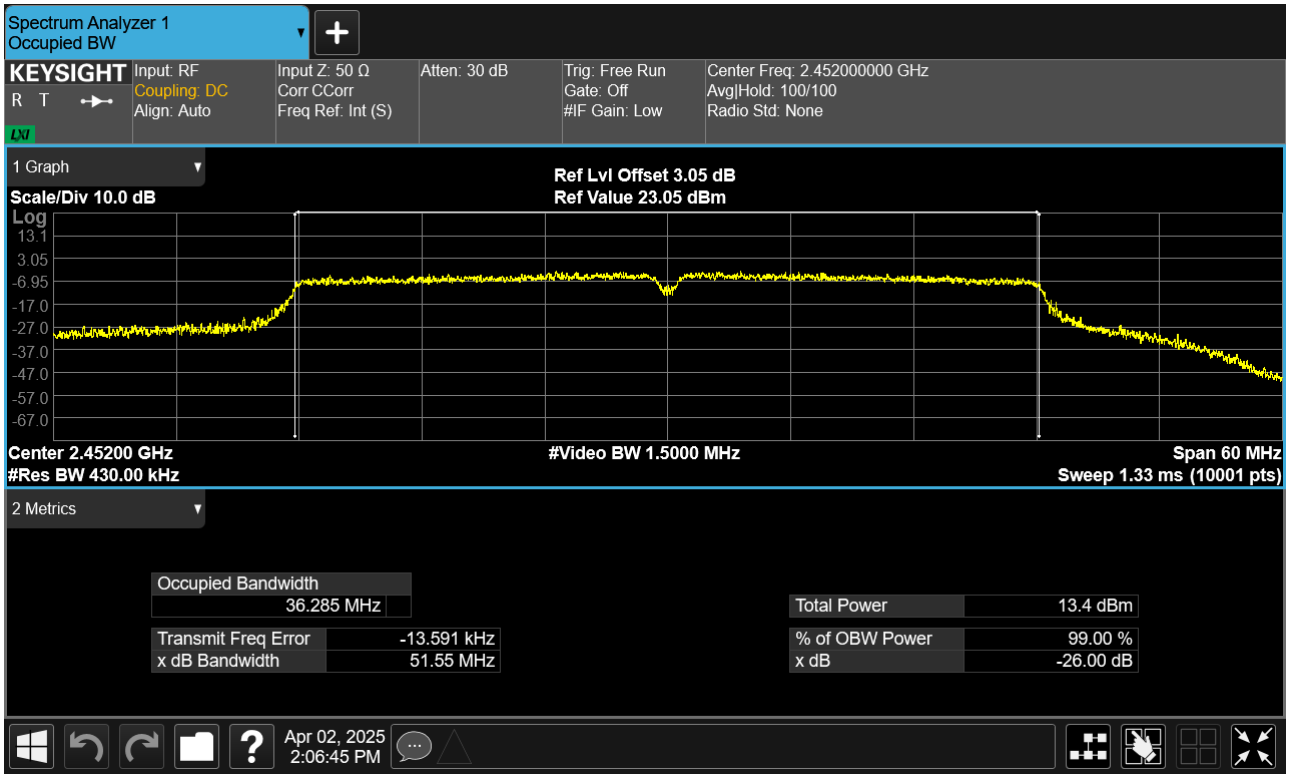
OBW NVNT n40 2437MHz Ant0



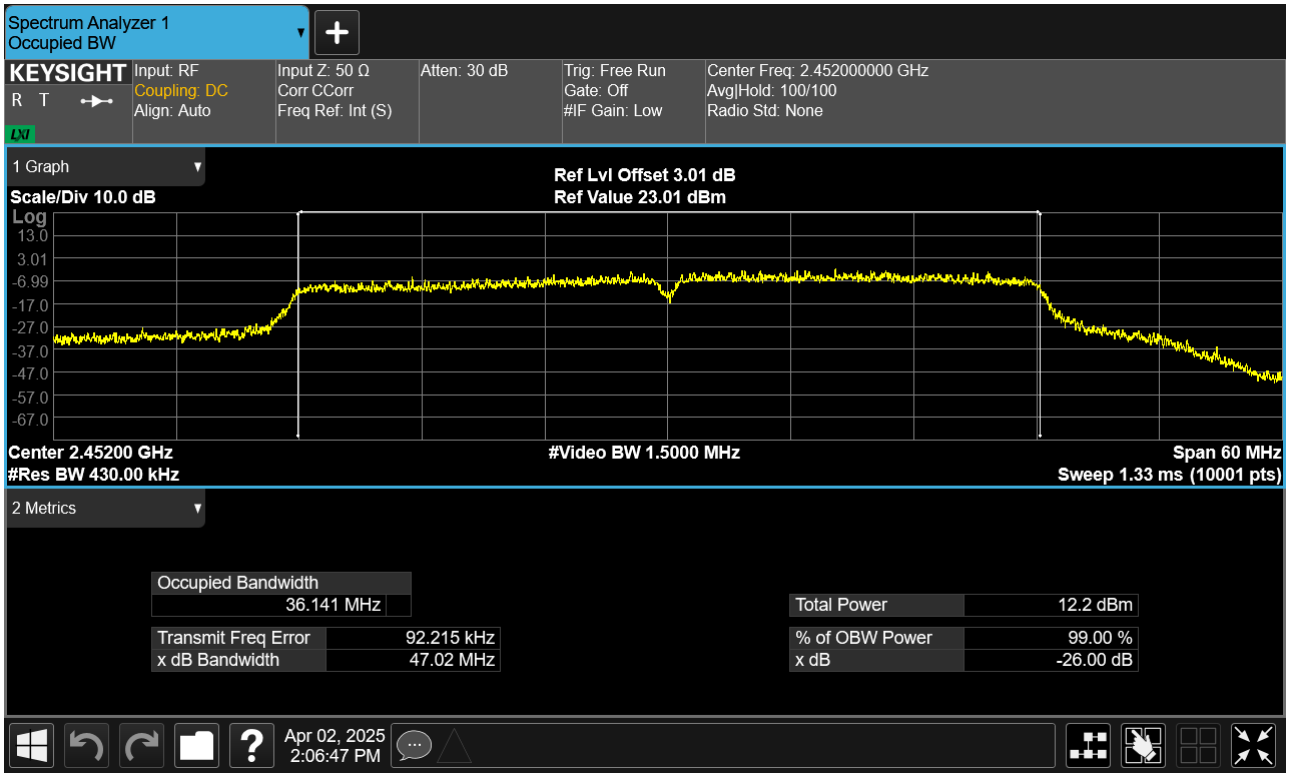
OBW NVNT n40 2437MHz Ant8



OBW NVNT n40 2452MHz Ant0



OBW NVNT n40 2452MHz Ant8

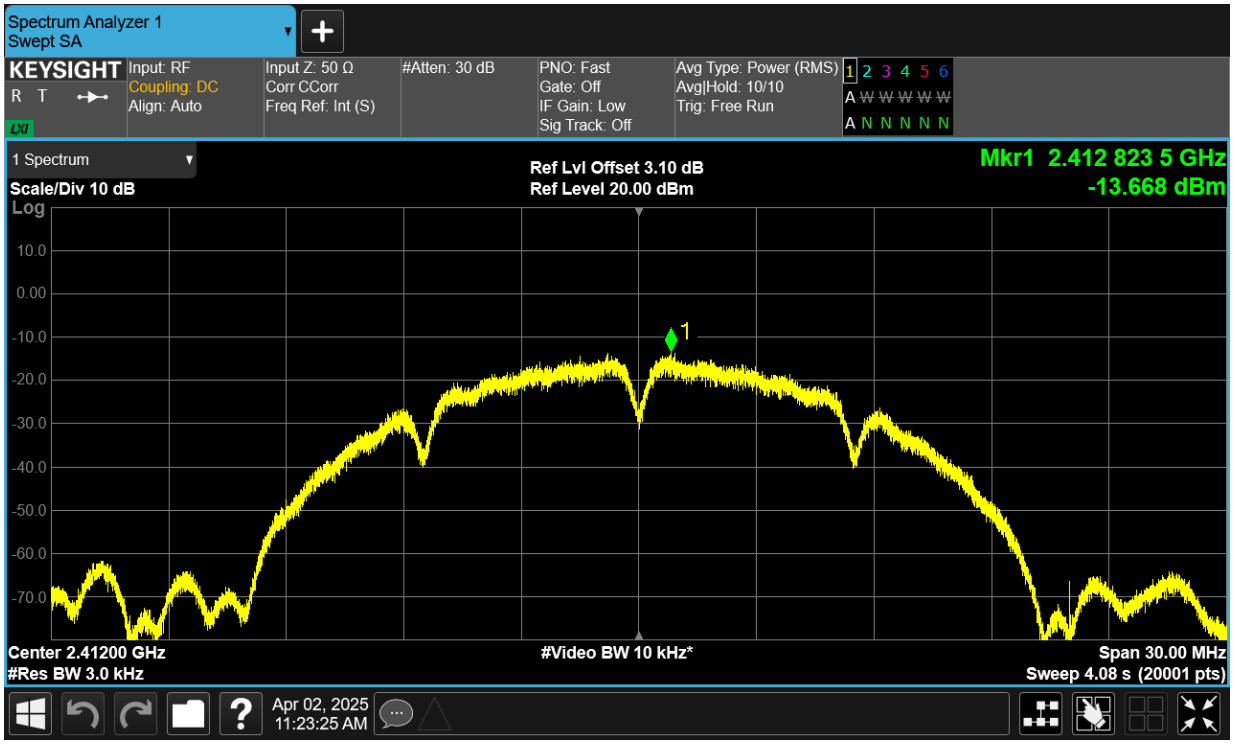


Maximum Power Spectral Density Level

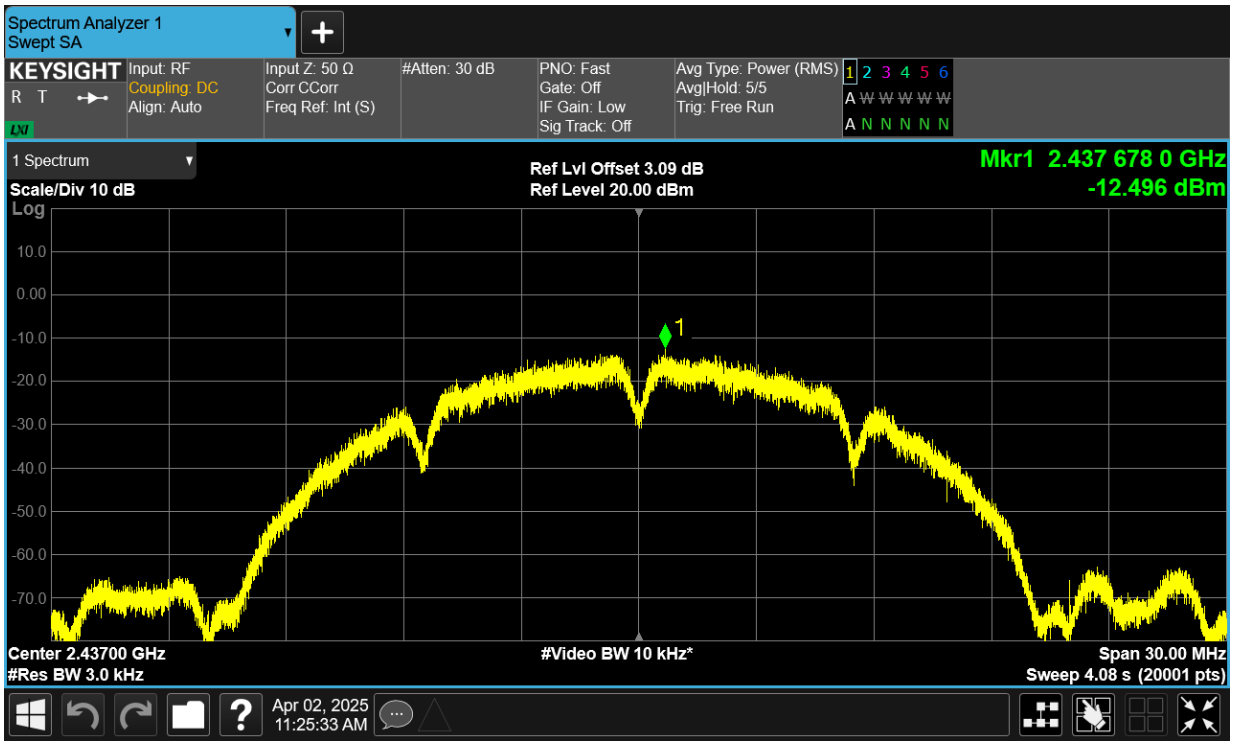
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
NVNT	b	2412	Ant0	-13.668	8	Pass
NVNT	b	2437	Ant0	-12.496	8	Pass
NVNT	b	2462	Ant0	-13.207	8	Pass
NVNT	b	2412	Ant8	-12.518	8	Pass
NVNT	b	2437	Ant8	-14.212	8	Pass
NVNT	b	2462	Ant8	-13.024	8	Pass
NVNT	g	2412	Ant0	-17.292	8	Pass
NVNT	g	2437	Ant0	-17.644	8	Pass
NVNT	g	2462	Ant0	-16.155	8	Pass
NVNT	g	2412	Ant8	-16.855	8	Pass
NVNT	g	2437	Ant8	-17.733	8	Pass
NVNT	g	2462	Ant8	-18.407	8	Pass
NVNT	n20	2412	Ant0	-22.438	8	Pass
NVNT	n20	2412	Ant8	-23.052	8	Pass
NVNT	n20	2412	Sum	-19.724	8	Pass
NVNT	n20	2437	Ant0	-22.089	8	Pass
NVNT	n20	2437	Ant8	-22.507	8	Pass
NVNT	n20	2437	Sum	-19.283	8	Pass
NVNT	n20	2462	Ant0	-21.918	8	Pass
NVNT	n20	2462	Ant8	-23.082	8	Pass
NVNT	n20	2462	Sum	-19.451	8	Pass
NVNT	n40	2422	Ant0	-26.91	8	Pass
NVNT	n40	2422	Ant8	-26.732	8	Pass
NVNT	n40	2422	Sum	-23.81	8	Pass
NVNT	n40	2437	Ant0	-25.67	8	Pass
NVNT	n40	2437	Ant8	-28.325	8	Pass
NVNT	n40	2437	Sum	-23.787	8	Pass
NVNT	n40	2452	Ant0	-25.528	8	Pass
NVNT	n40	2452	Ant8	-27.01	8	Pass
NVNT	n40	2452	Sum	-23.196	8	Pass

Test Graphs

PSD NVNT b 2412MHz Ant0

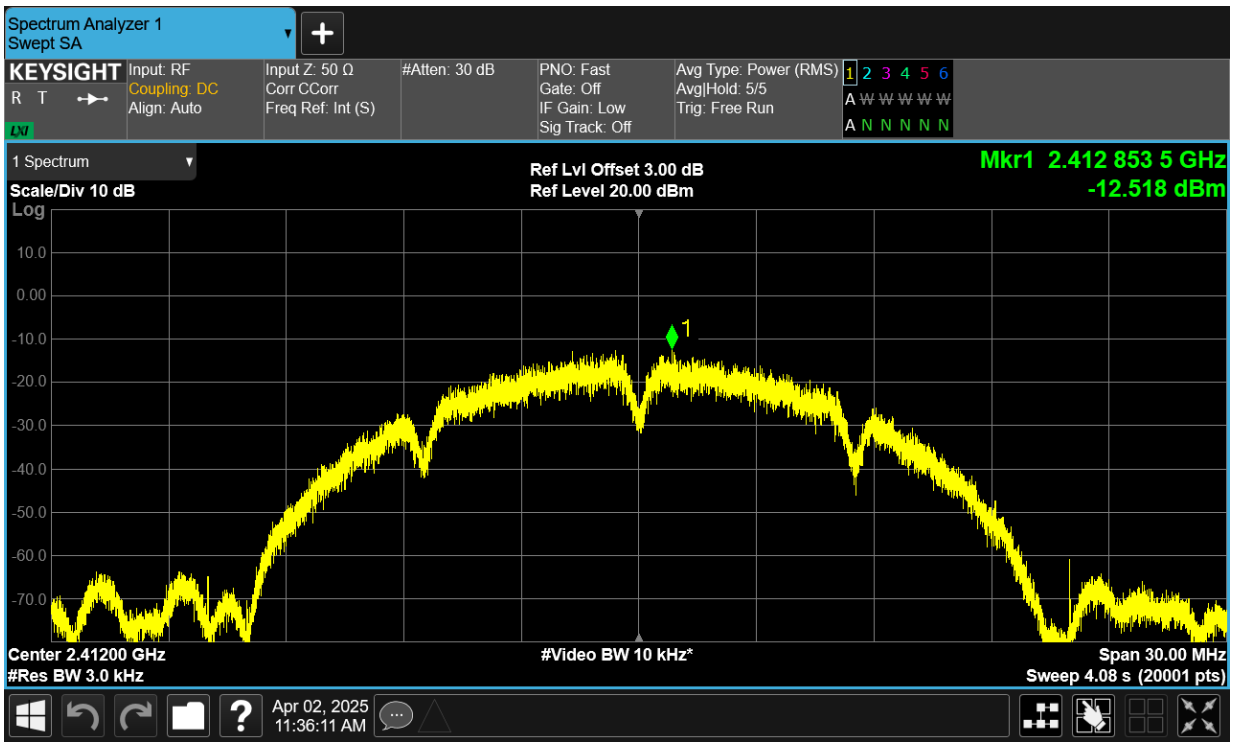


PSD NVNT b 2437MHz Ant0

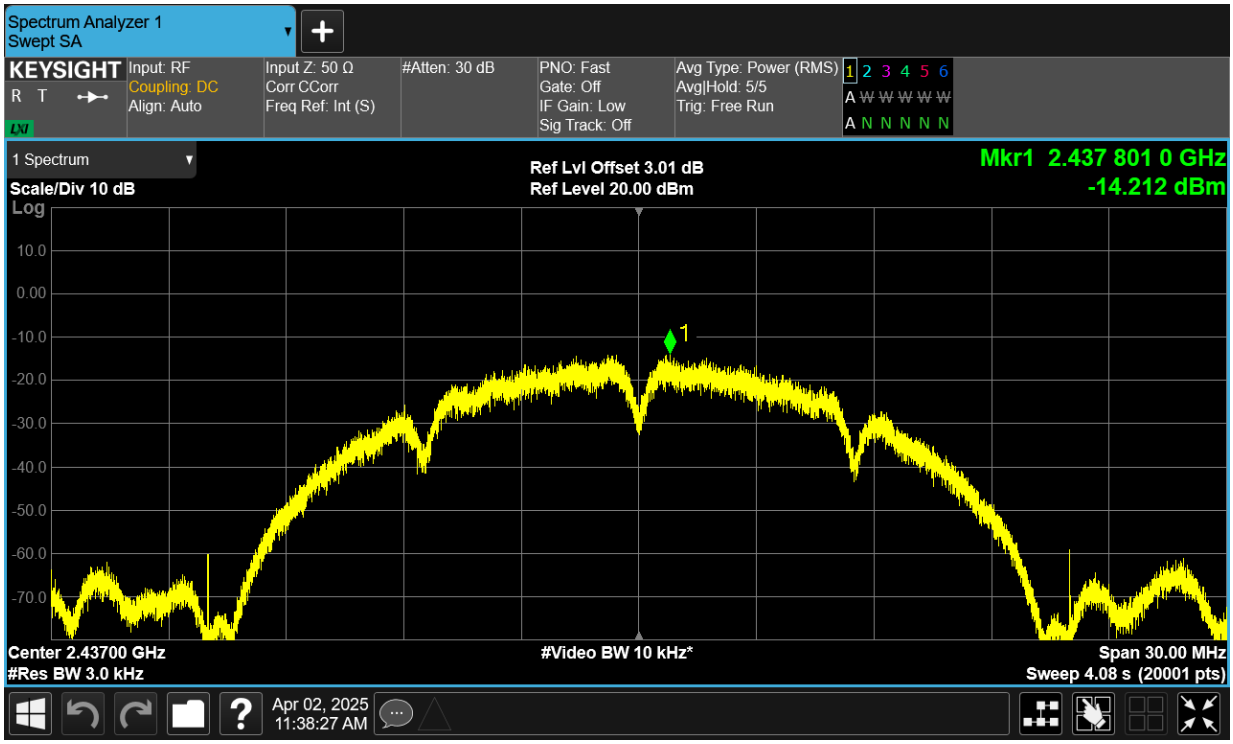


PSD NVNT b 2462MHz Ant0

PSD NVNT b 2412MHz Ant8

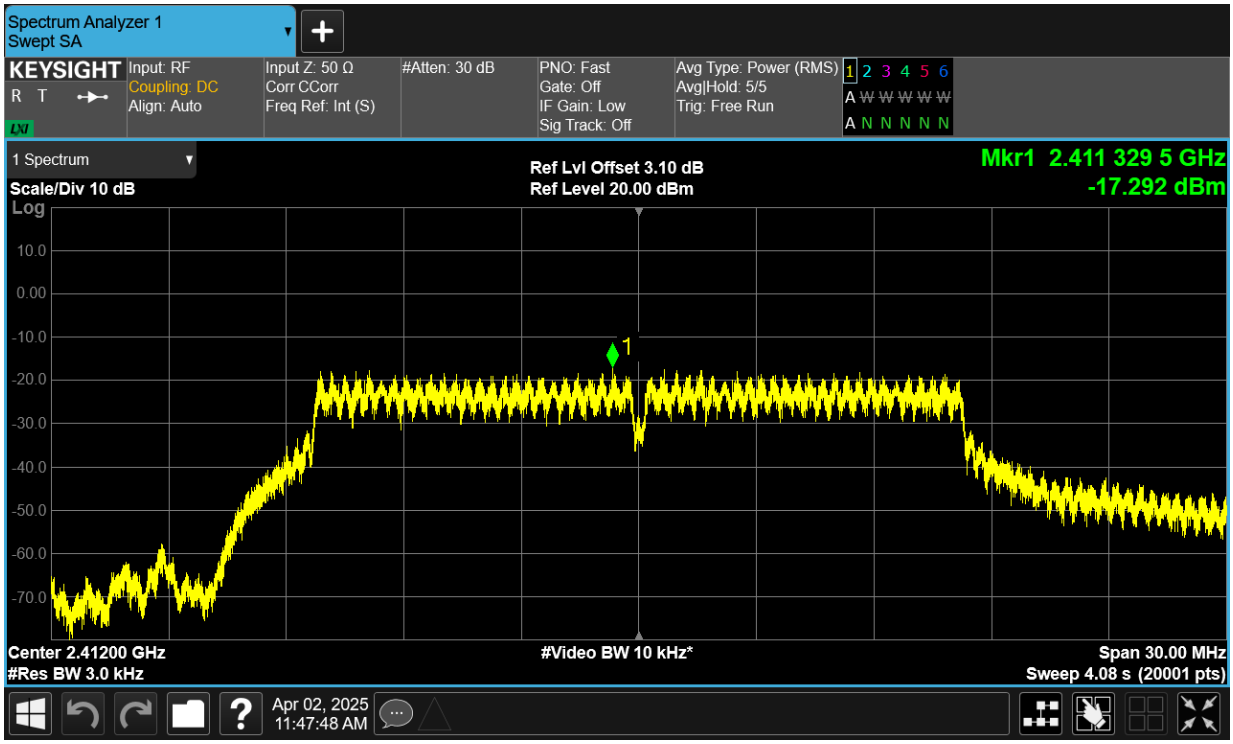


PSD NVNT b 2437MHz Ant8

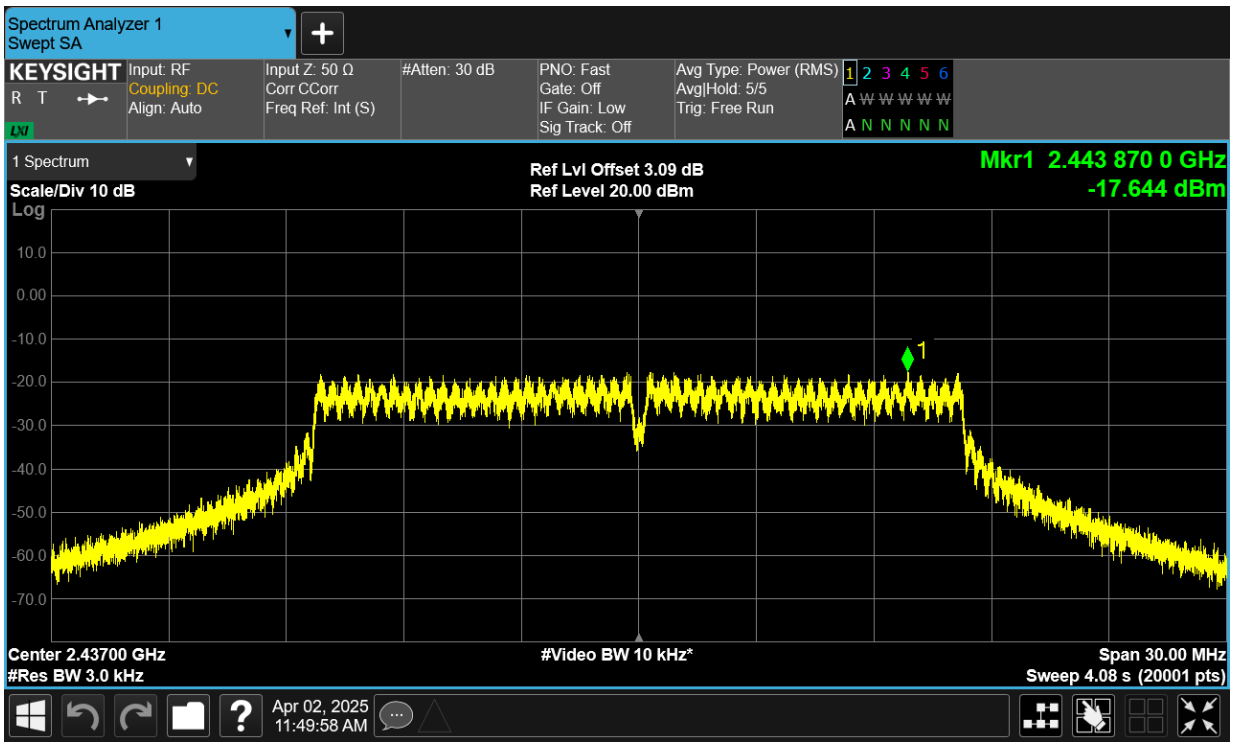


PSD NVNT b 2462MHz Ant8

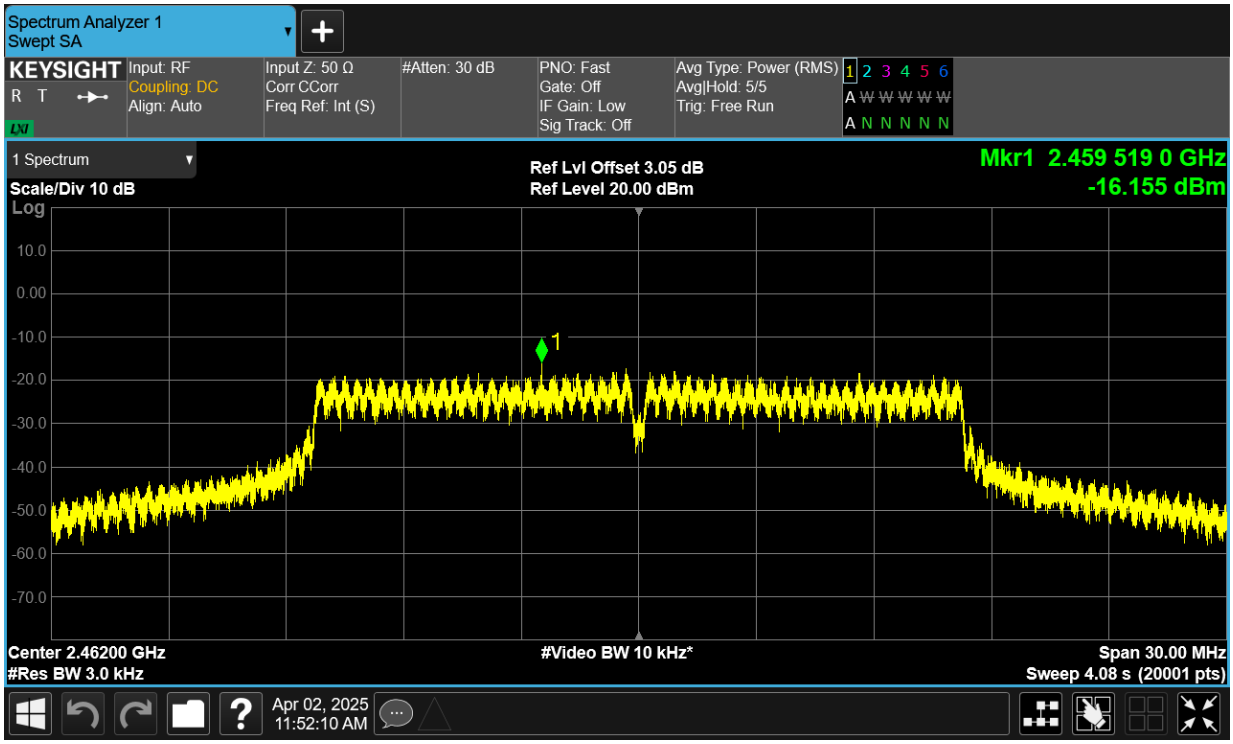
PSD NVNT g 2412MHz Ant0



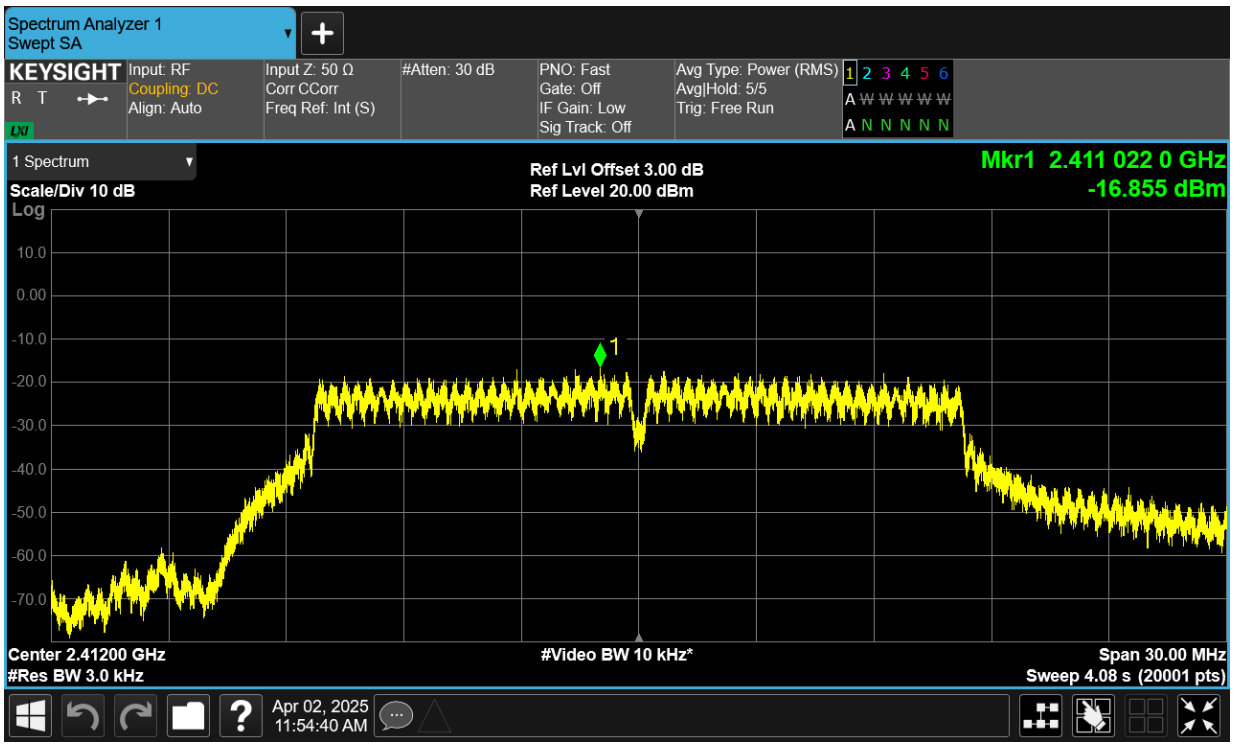
PSD NVNT g 2437MHz Ant0



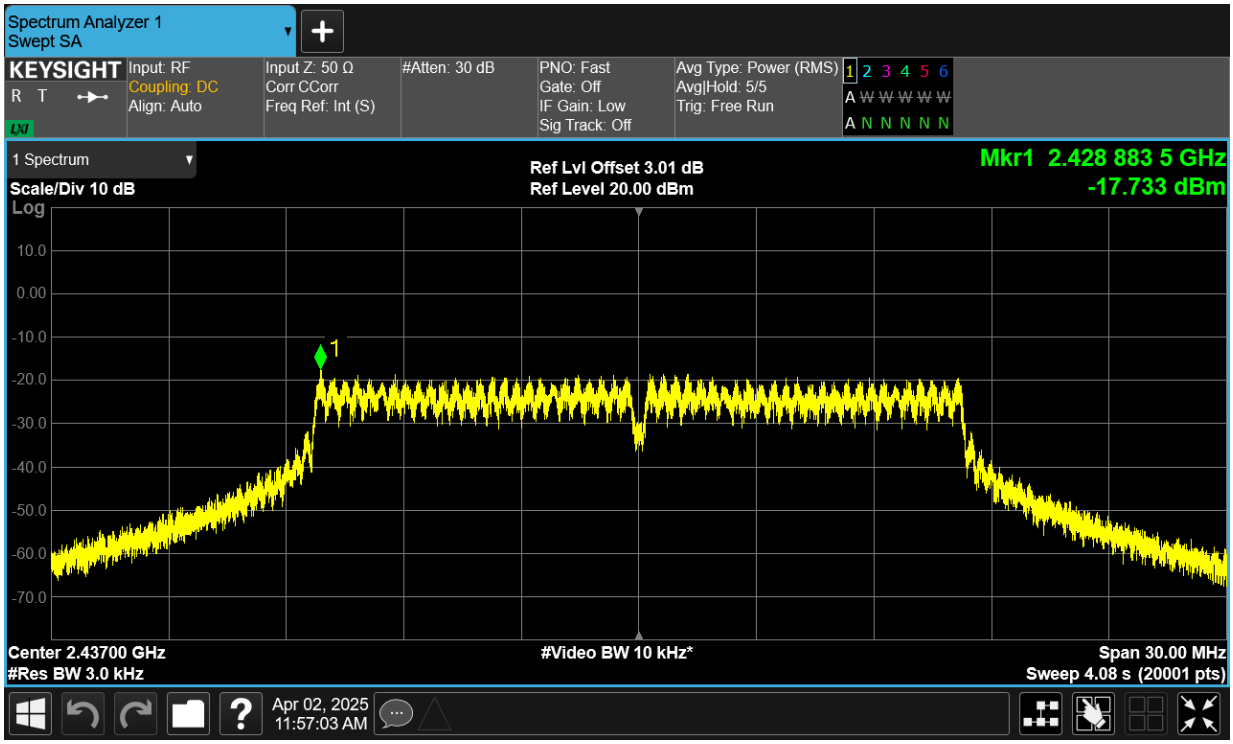
PSD NVNT g 2462MHz Ant0



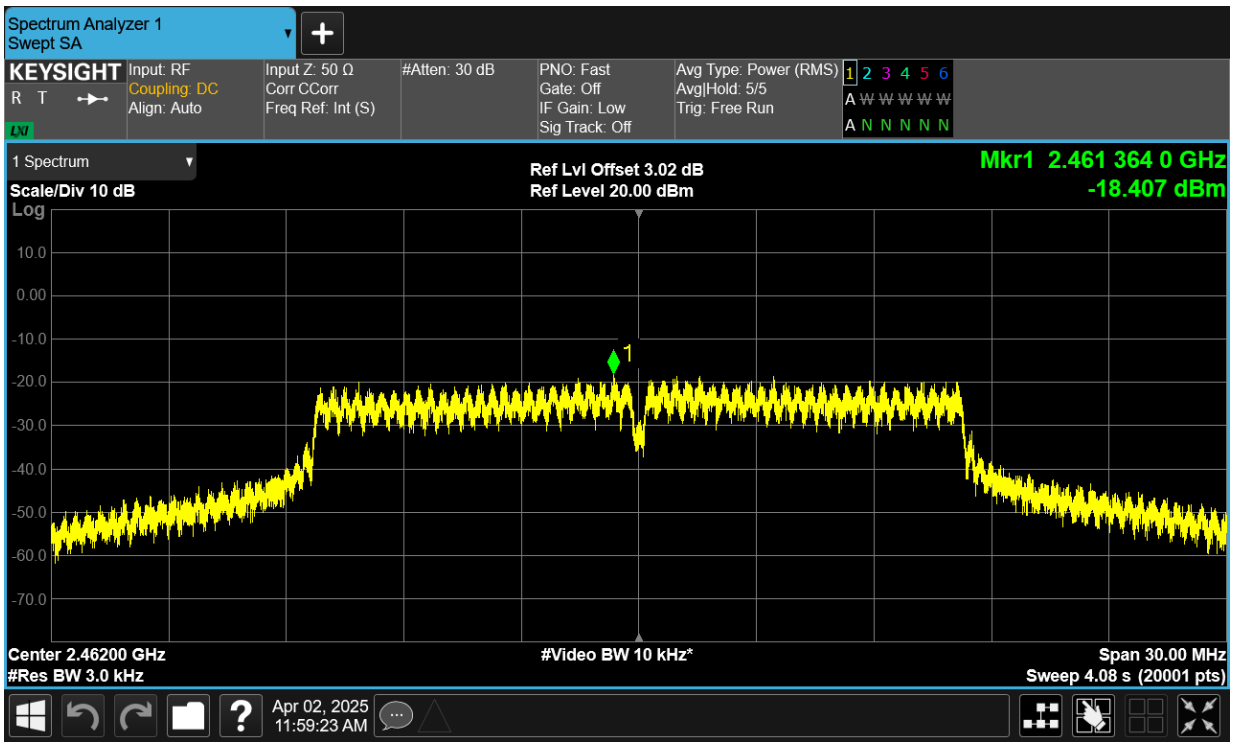
PSD NVNT g 2412MHz Ant8



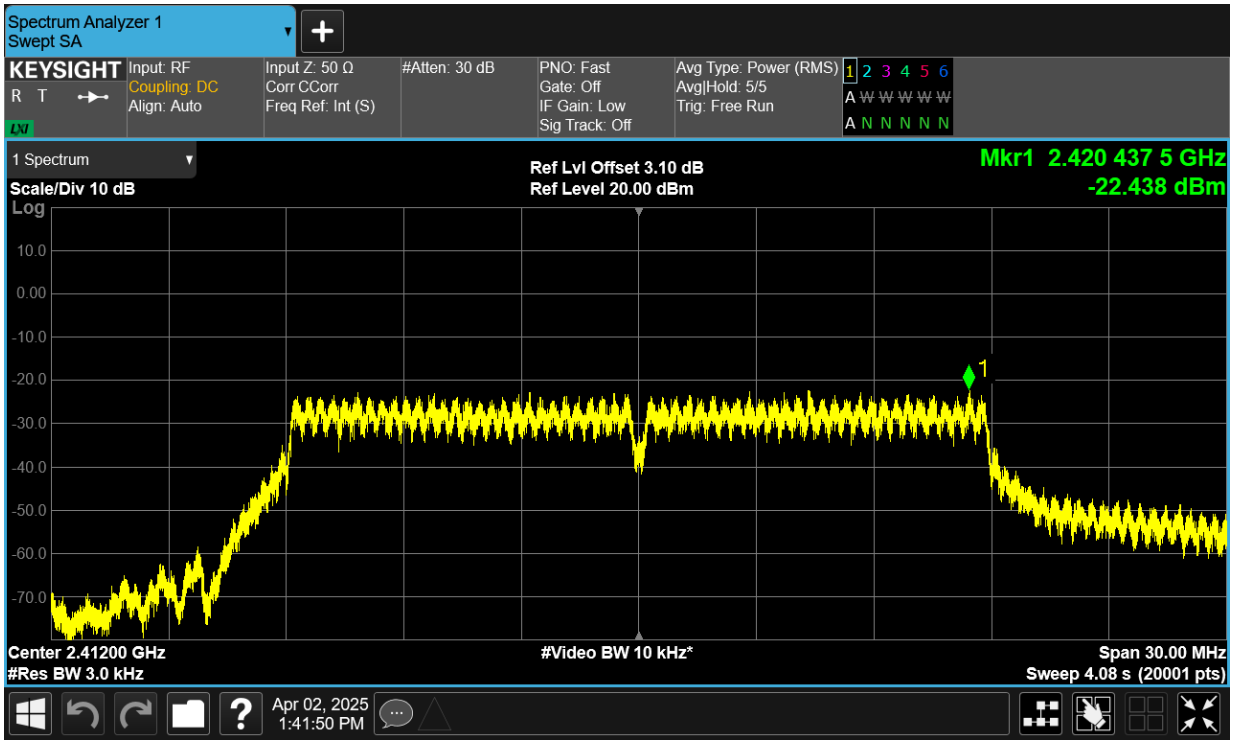
PSD NVNT g 2437MHz Ant8



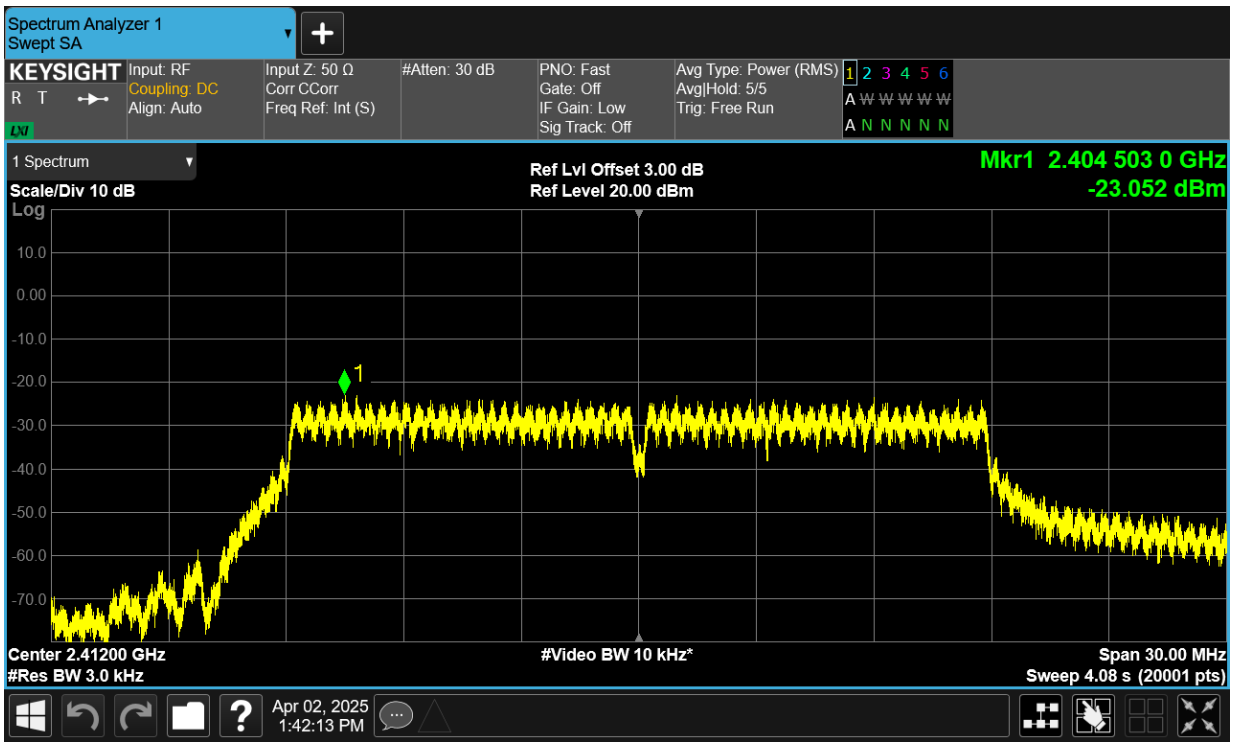
PSD NVNT g 2462MHz Ant8



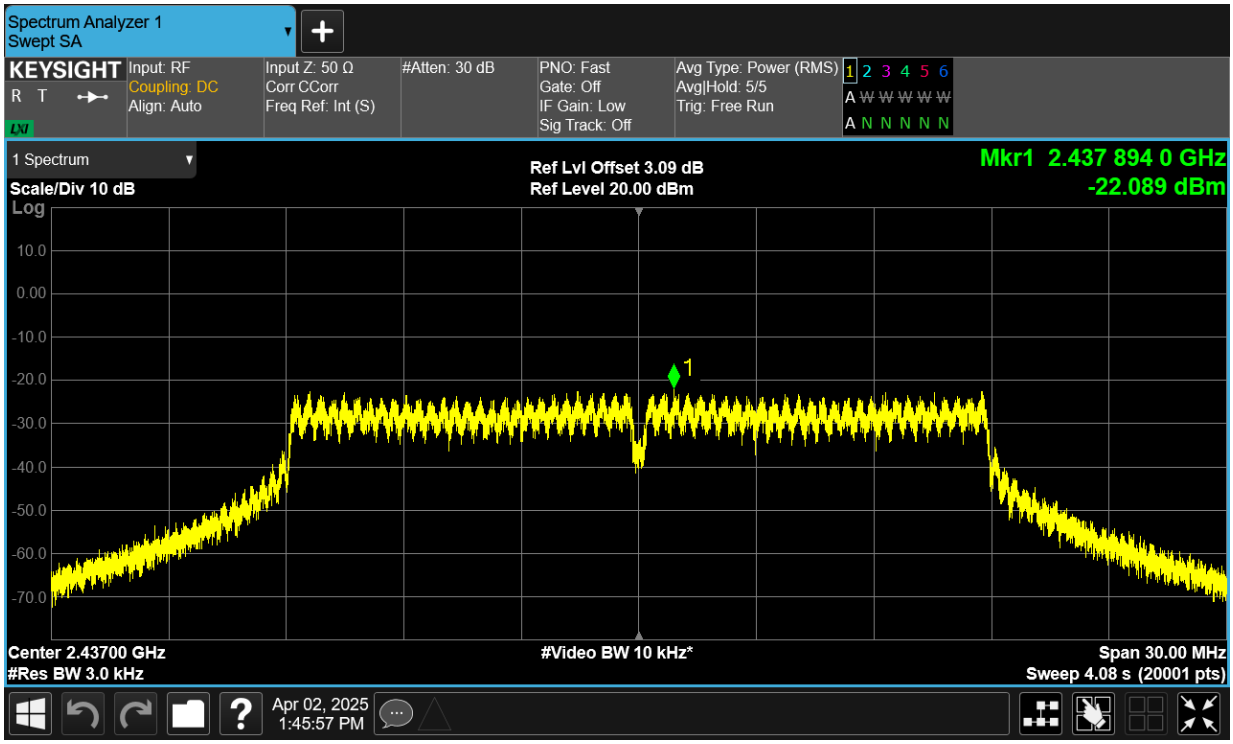
PSD NVNT n20 2412MHz Ant0



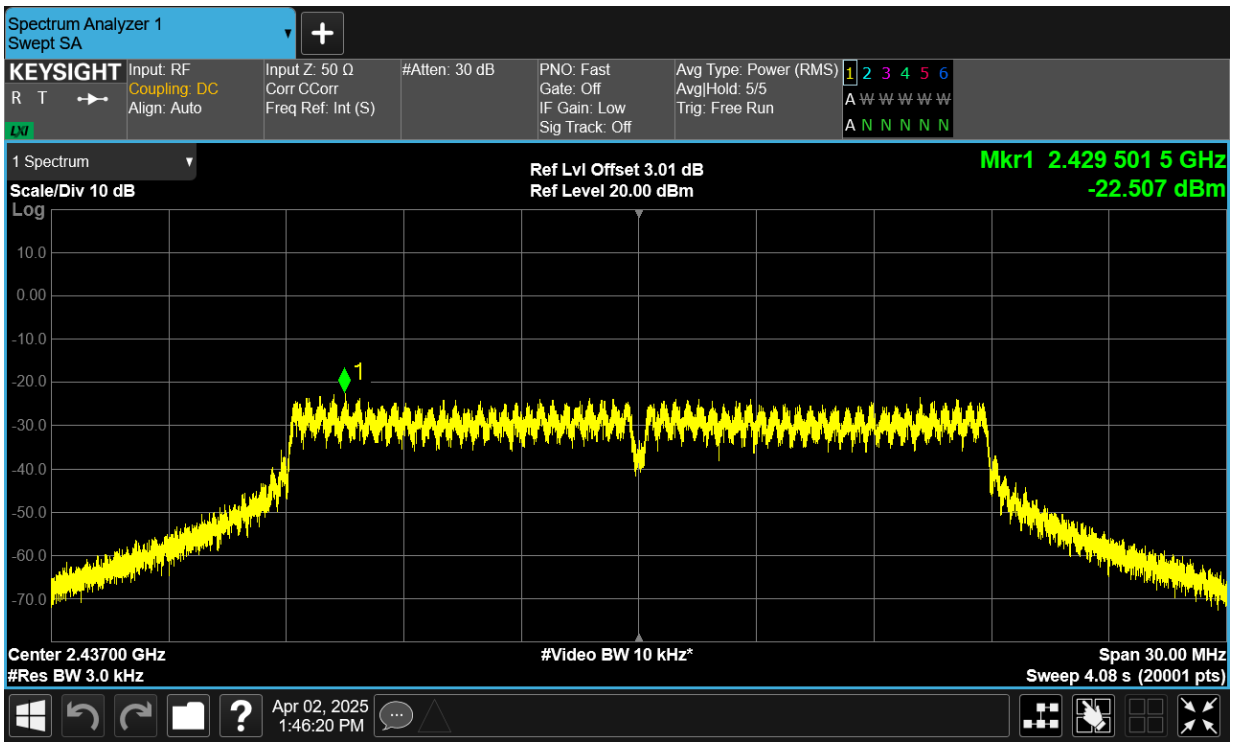
PSD NVNT n20 2412MHz Ant8



PSD NVNT n20 2437MHz Ant0



PSD NVNT n20 2437MHz Ant8



PSD NVNT n20 2462MHz Ant0