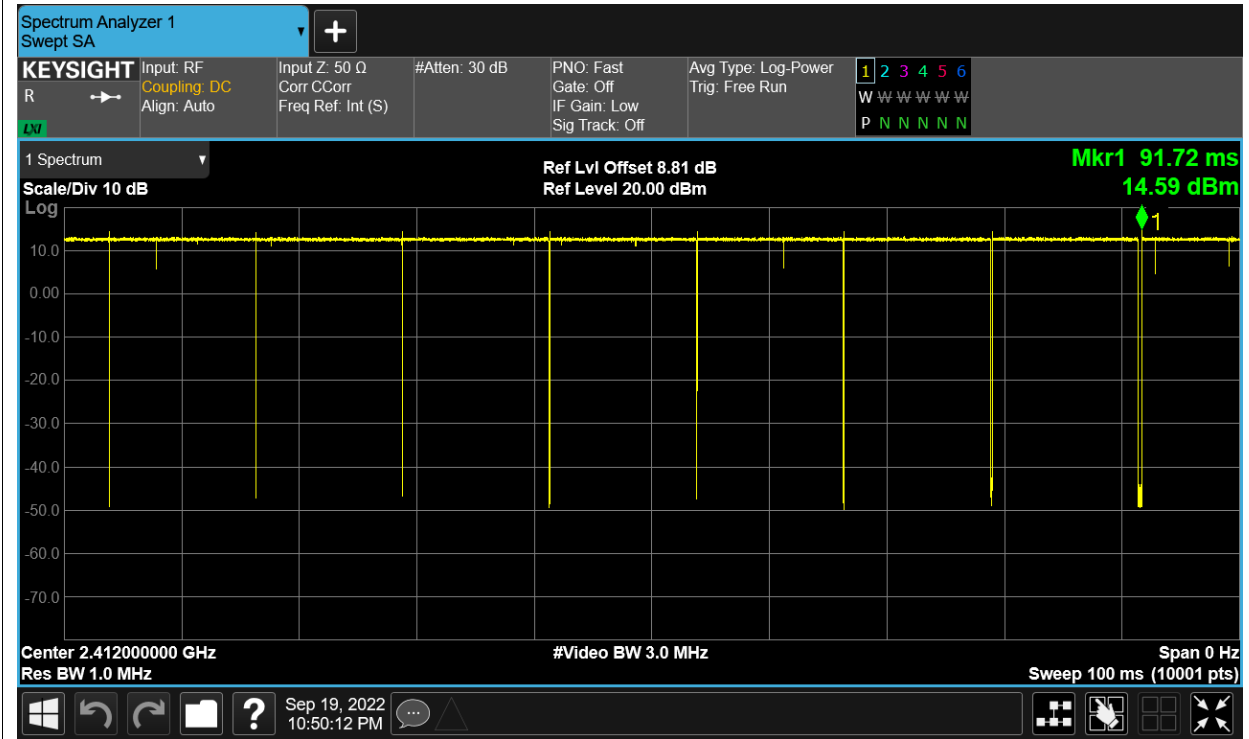


Test Data**Duty Cycle**

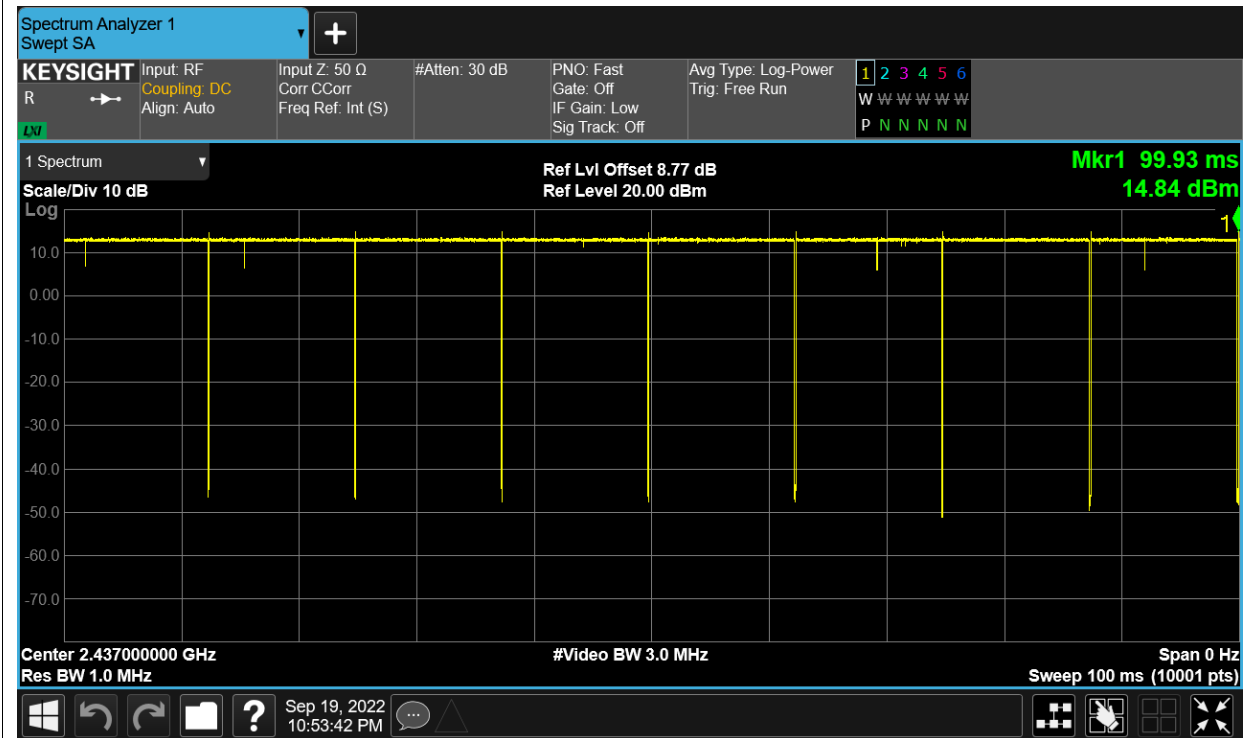
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	b	2412	Ant2	99.16	0.04
NVNT	b	2437	Ant2	99.32	0.03
NVNT	b	2462	Ant2	99.11	0.04
NVNT	g	2412	Ant2	92.26	0.35
NVNT	g	2437	Ant2	94.86	0.23
NVNT	g	2462	Ant2	95.77	0.19
NVNT	n20	2412	Ant2	89.94	0.46
NVNT	n20	2437	Ant2	95.19	0.21
NVNT	n20	2462	Ant2	95.62	0.19
NVNT	n40	2422	Ant2	91.46	0.39
NVNT	n40	2437	Ant2	90.93	0.41
NVNT	n40	2452	Ant2	90.74	0.42

Test Graphs

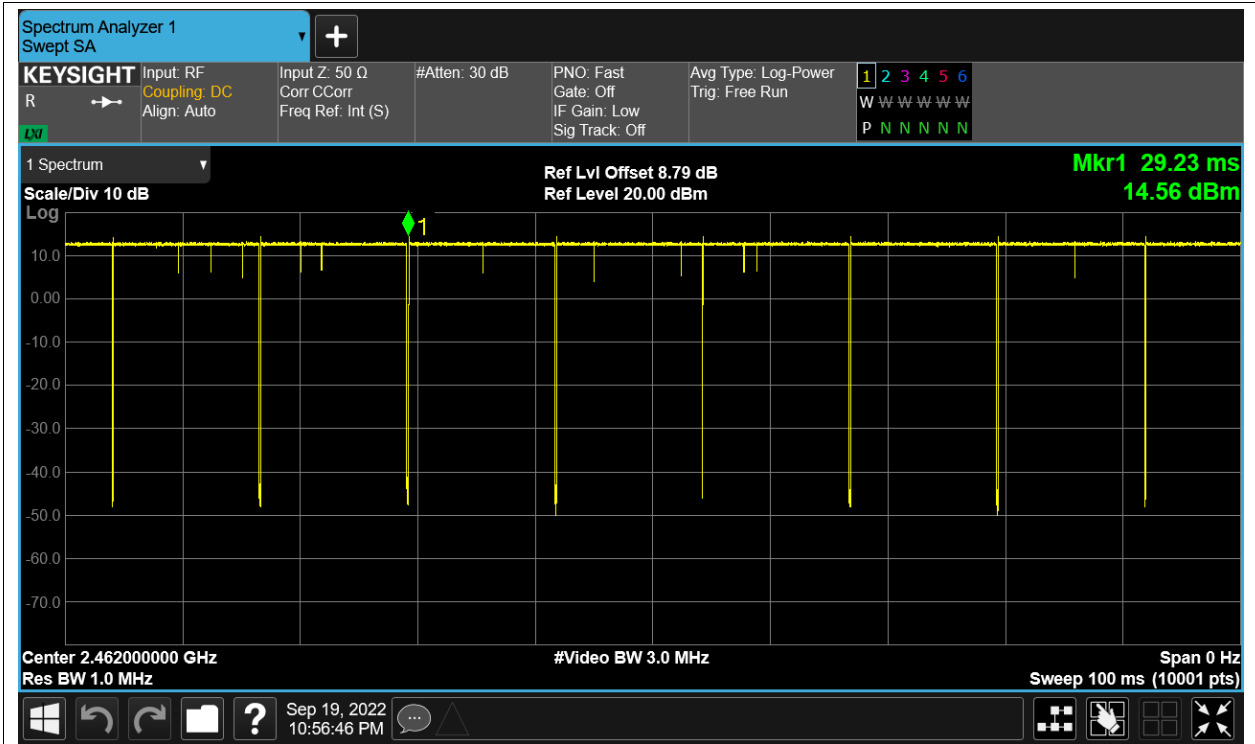
Duty Cycle NVNT b 2412MHz Ant2



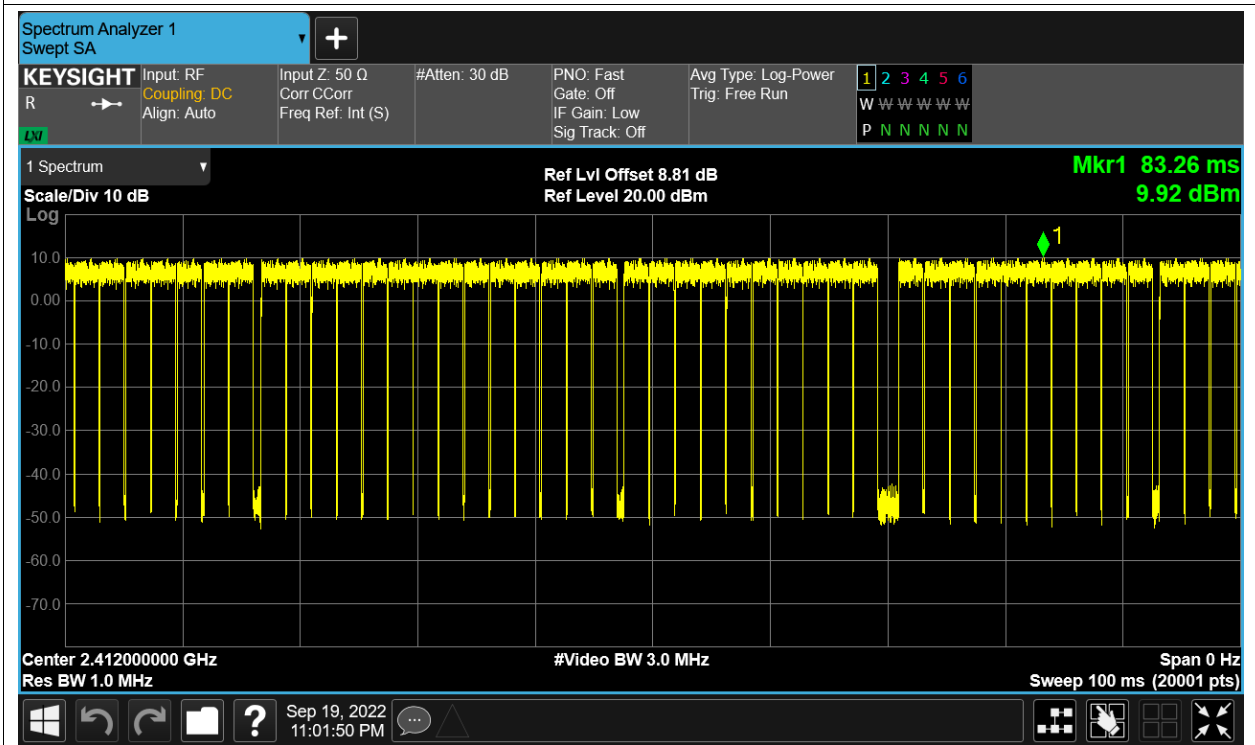
Duty Cycle NVNT b 2437MHz Ant2



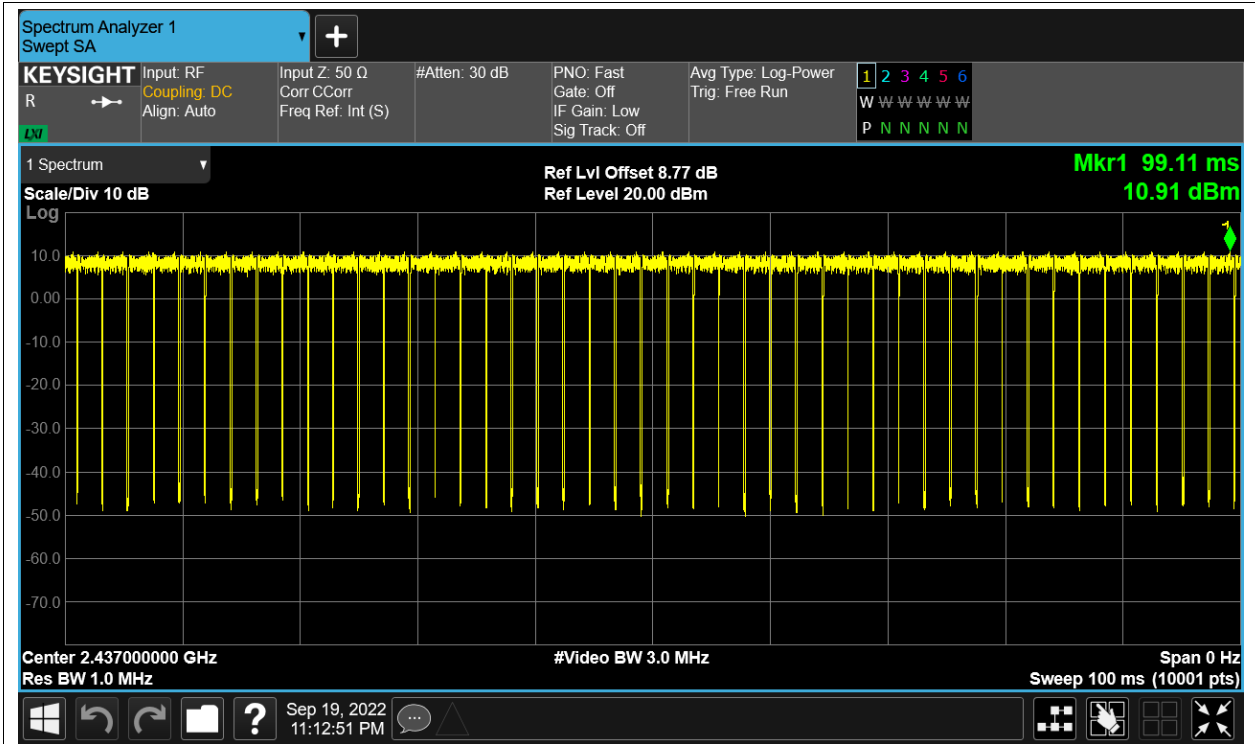
Duty Cycle NVNT b 2462MHz Ant2



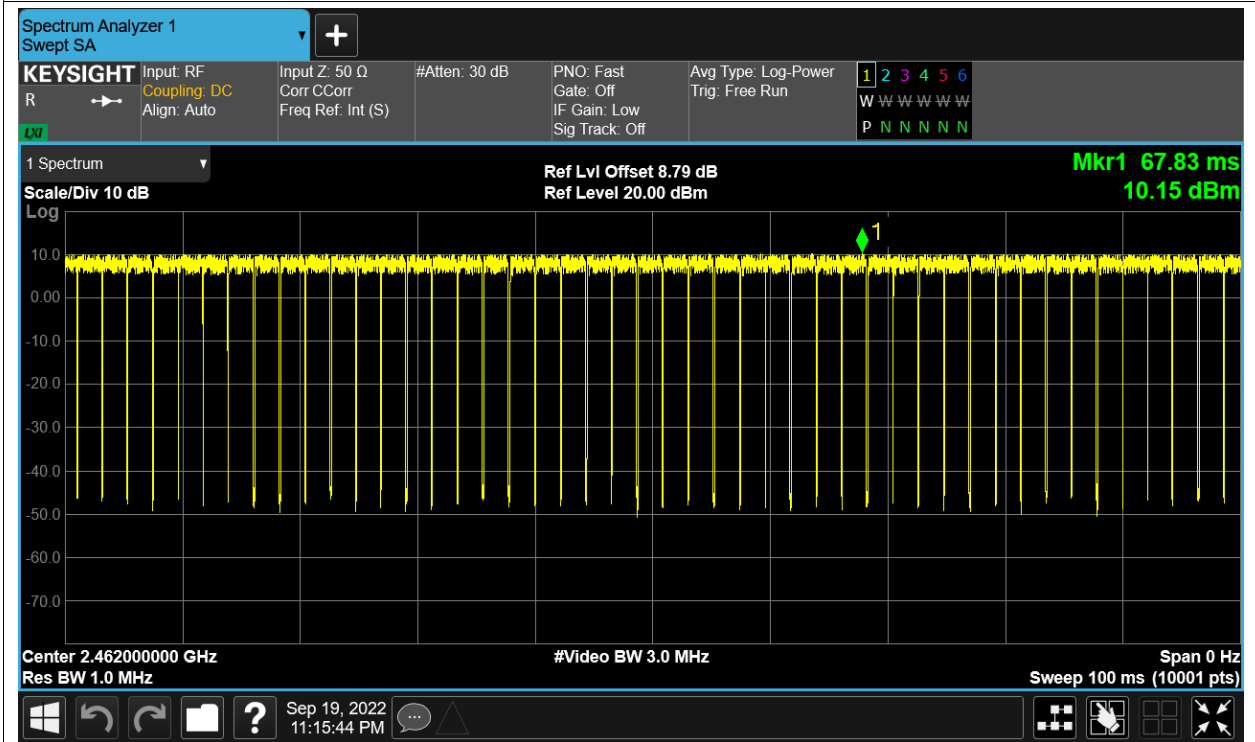
Duty Cycle NVNT g 2412MHz Ant2



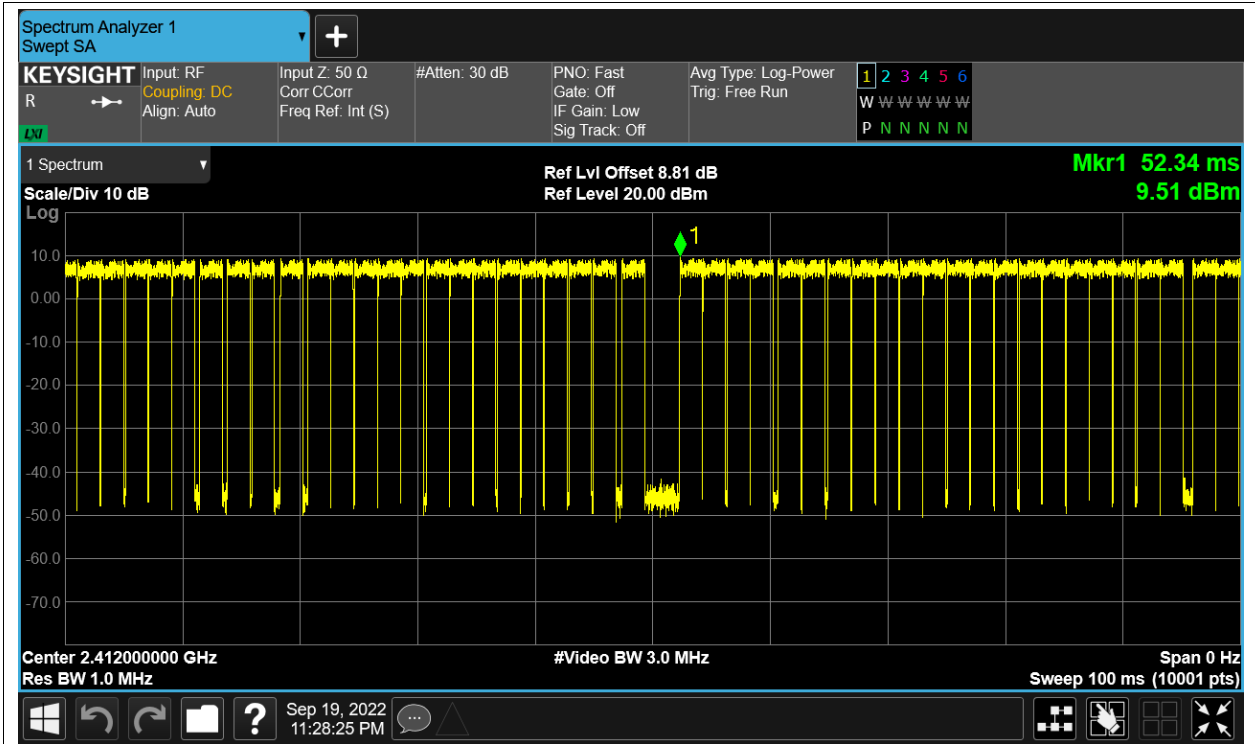
Duty Cycle NVNT g 2437MHz Ant2



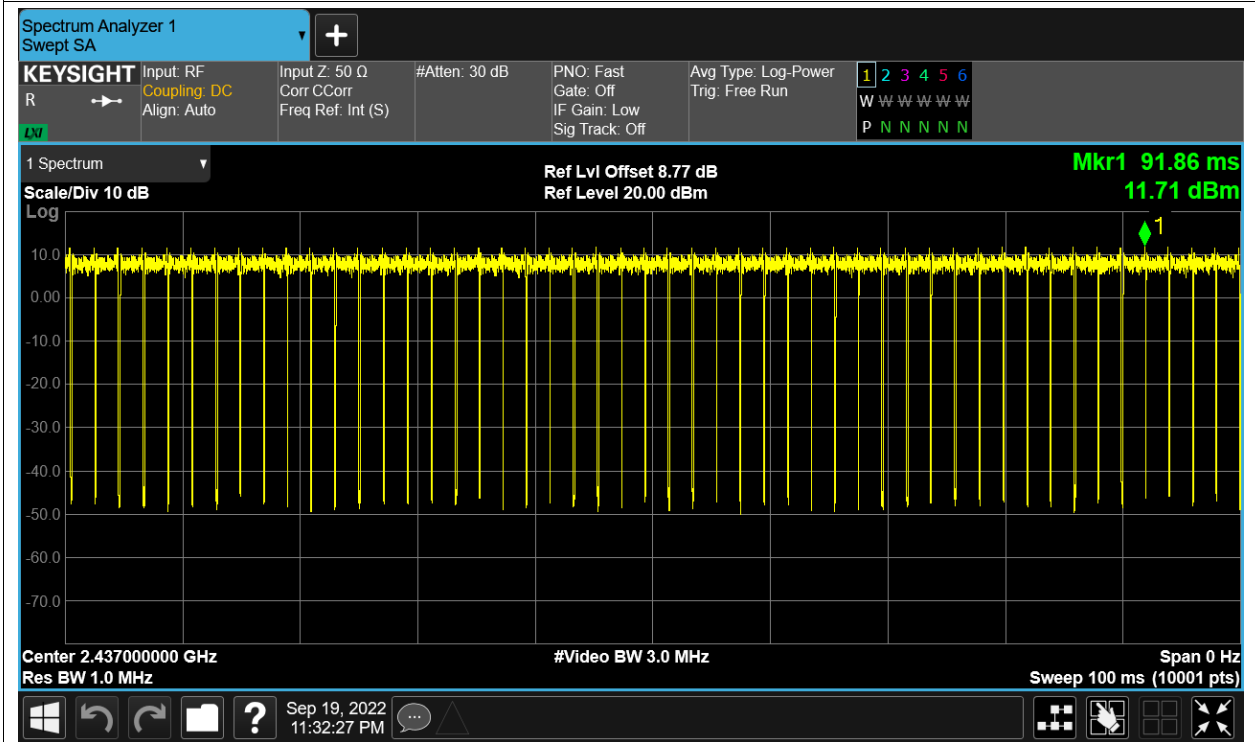
Duty Cycle NVNT g 2462MHz Ant2



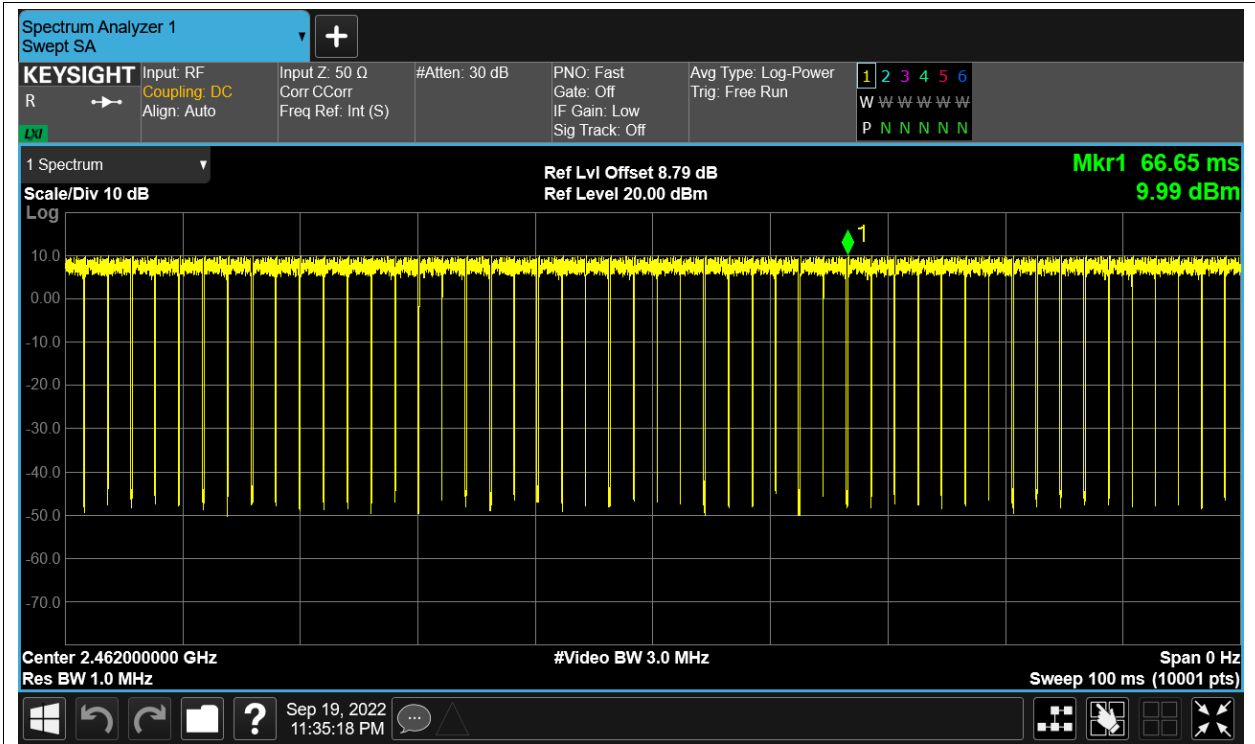
Duty Cycle NVNT n20 2412MHz Ant2



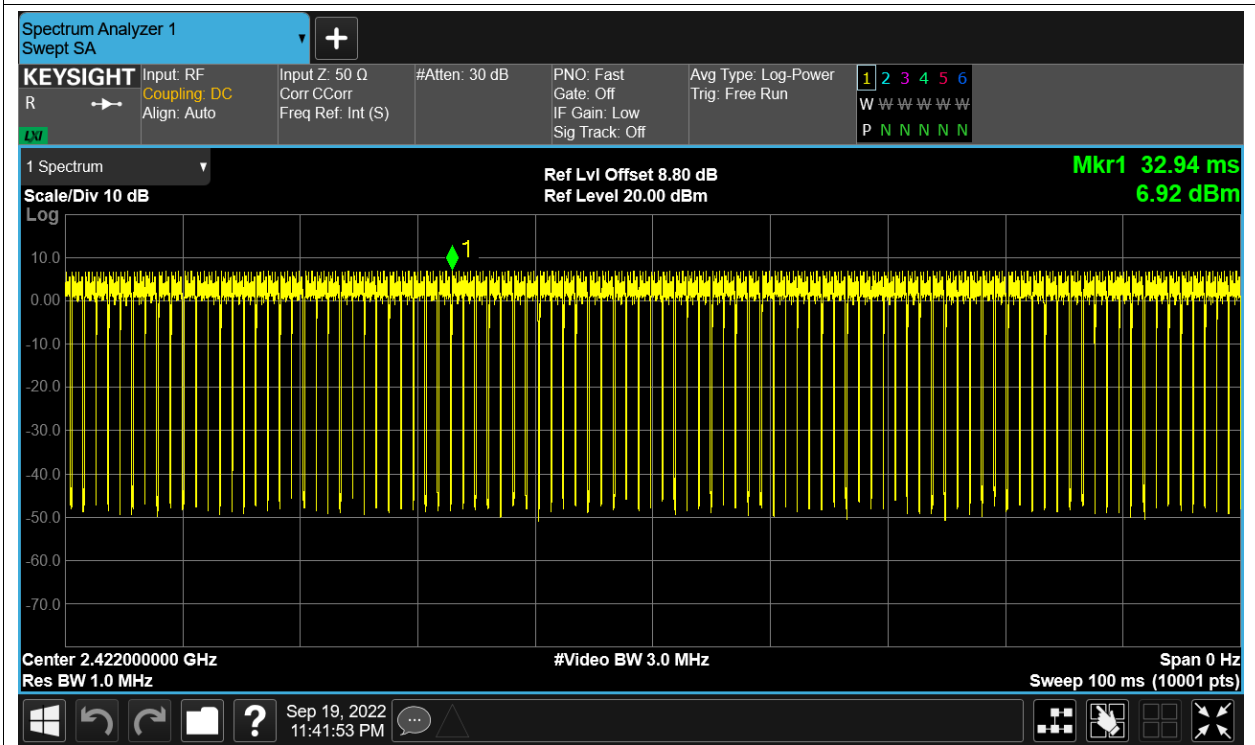
Duty Cycle NVNT n20 2437MHz Ant2



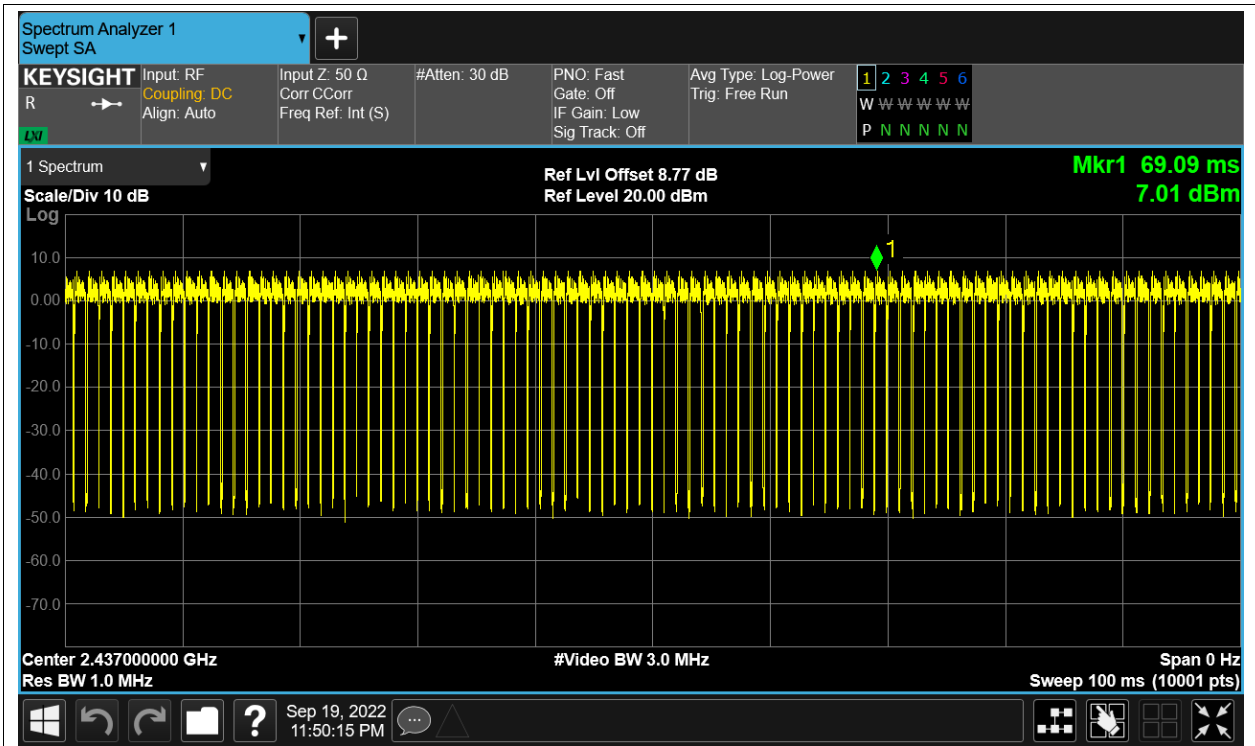
Duty Cycle NVNT n20 2462MHz Ant2



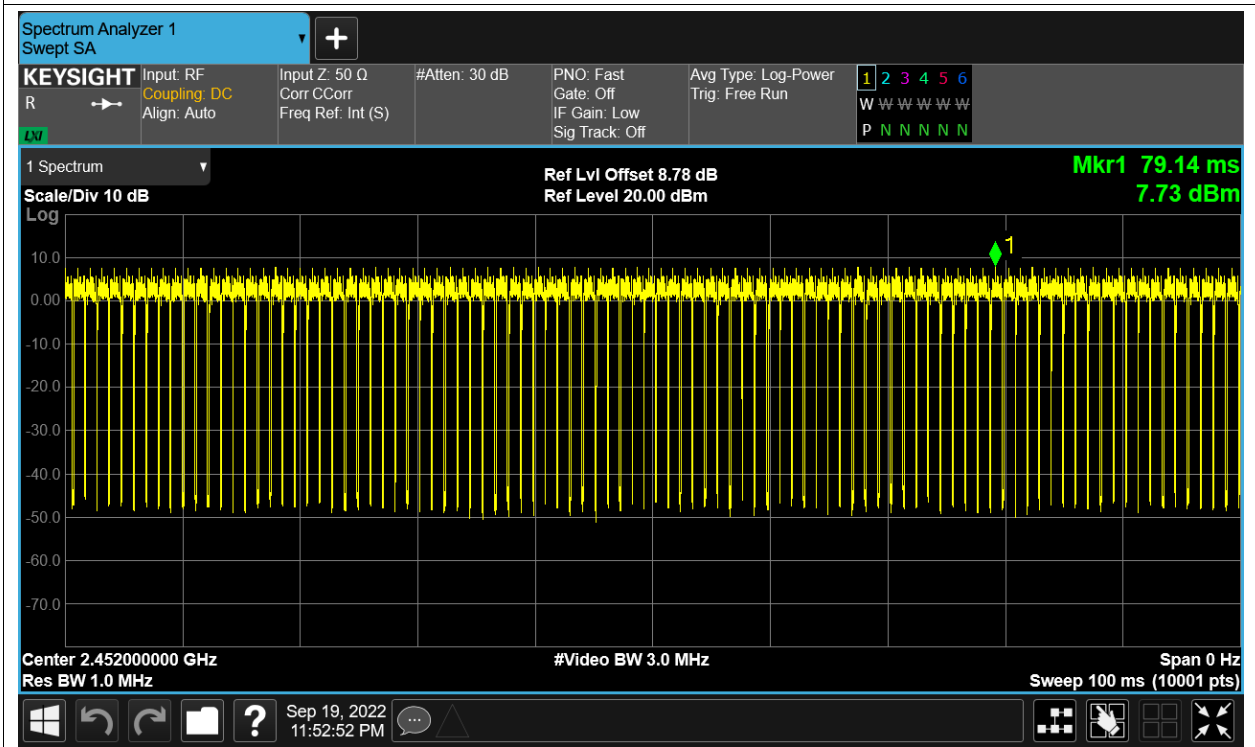
Duty Cycle NVNT n40 2422MHz Ant2



Duty Cycle NVNT n40 2437MHz Ant2



Duty Cycle NVNT n40 2452MHz Ant2

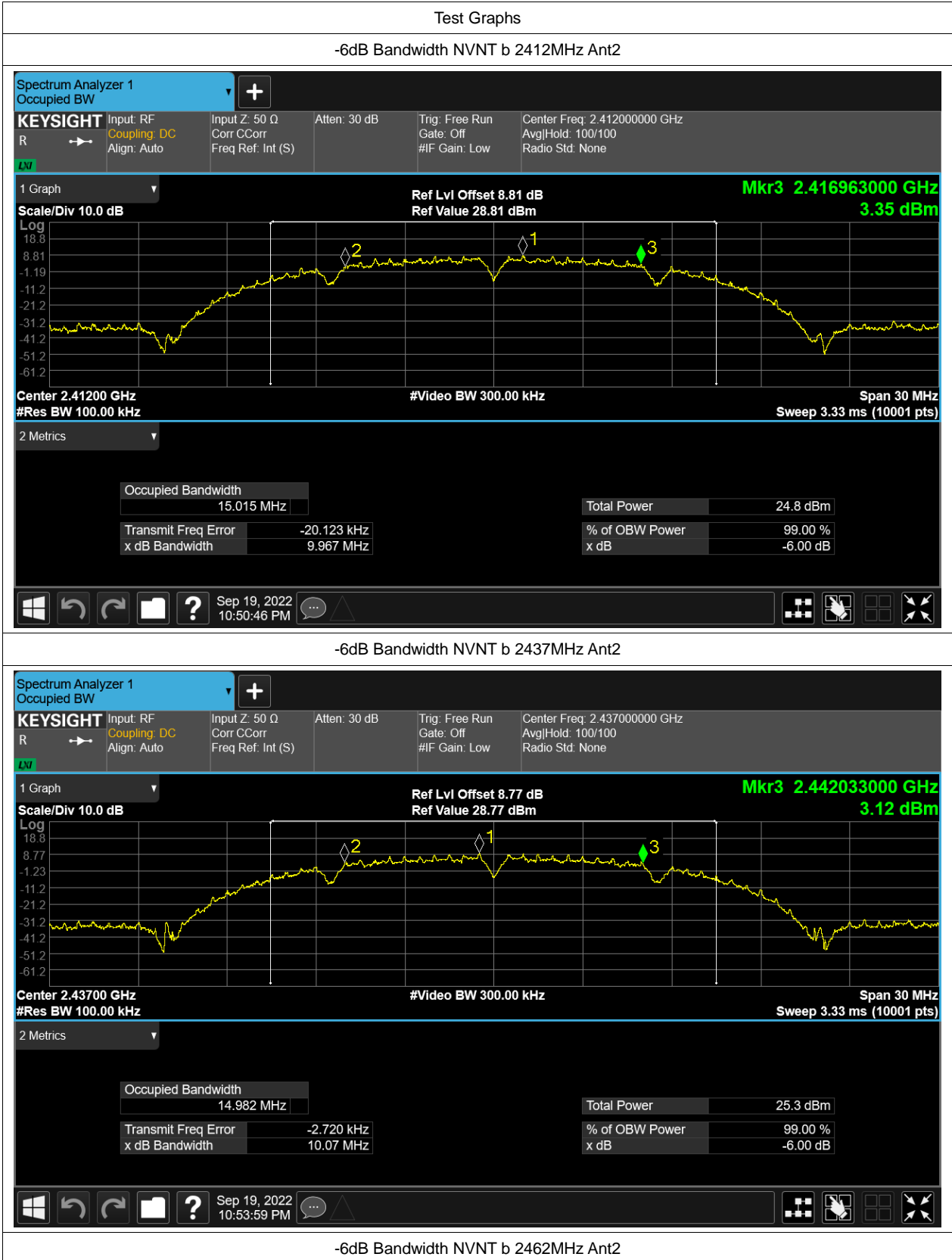


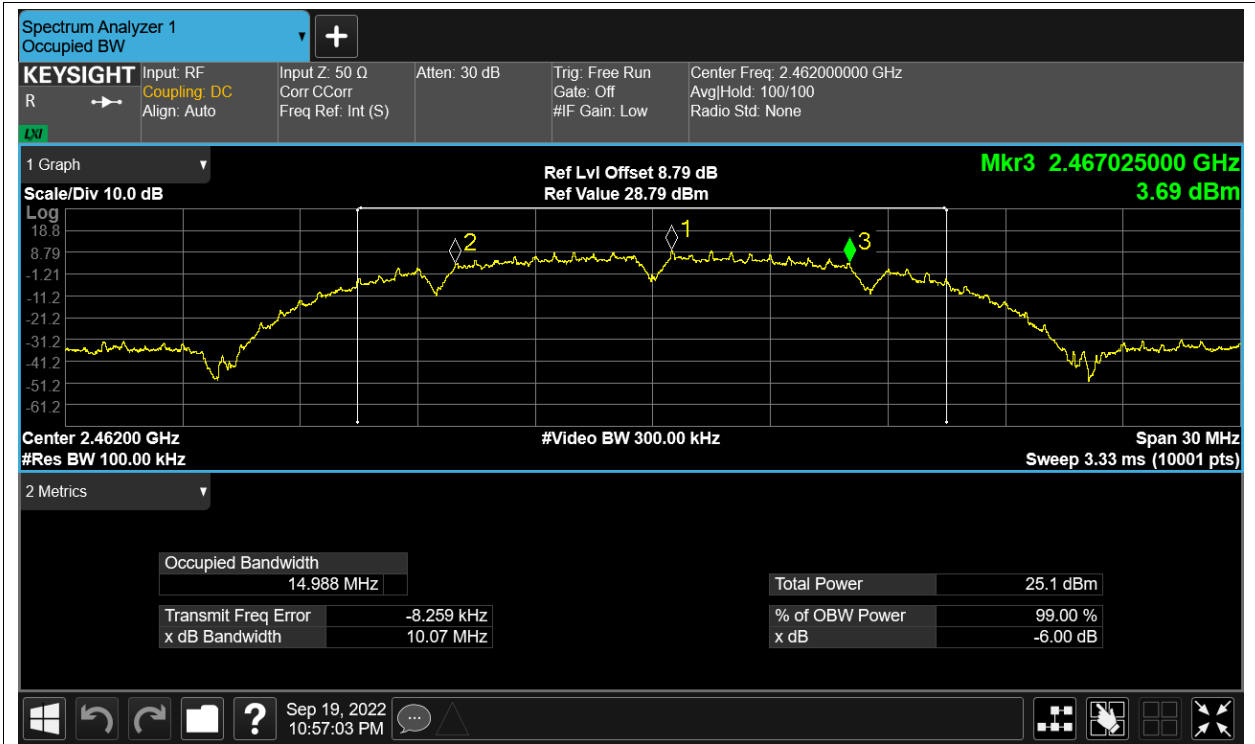
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant2	18.42	0.04	18.46	30	Pass
NVNT	b	2437	Ant2	18.53	0.03	18.56	30	Pass
NVNT	b	2462	Ant2	18.26	0.04	18.3	30	Pass
NVNT	g	2412	Ant2	15.95	0.35	16.3	30	Pass
NVNT	g	2437	Ant2	16.32	0.23	16.55	30	Pass
NVNT	g	2462	Ant2	16.05	0.19	16.24	30	Pass
NVNT	n20	2412	Ant2	15.89	0.46	16.35	30	Pass
NVNT	n20	2437	Ant2	16.35	0.21	16.56	30	Pass
NVNT	n20	2462	Ant2	15.99	0.19	16.18	30	Pass
NVNT	n40	2422	Ant2	16.66	0.39	17.05	30	Pass
NVNT	n40	2437	Ant2	16.44	0.41	16.85	30	Pass
NVNT	n40	2452	Ant2	16.4	0.42	16.82	30	Pass

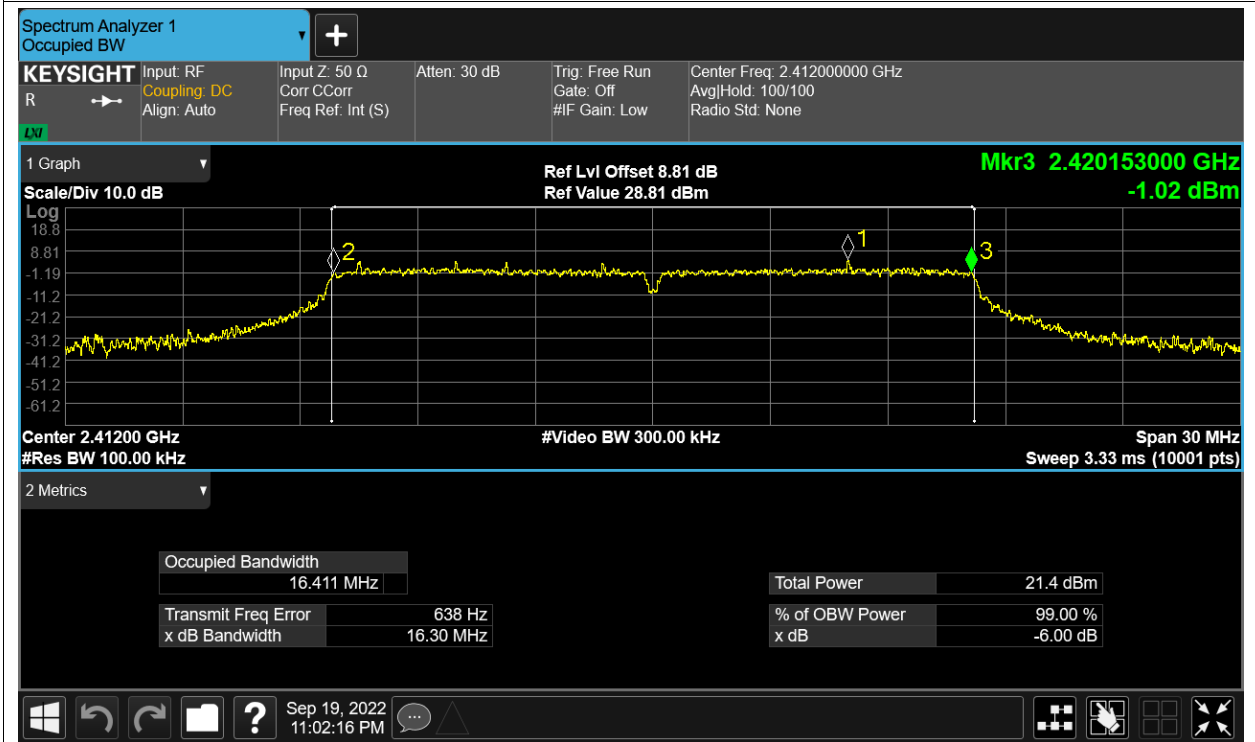
-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit	Verdic
NVNT	b	2412	Ant2	9.967	0.5	Pass
NVNT	b	2437	Ant2	10.071	0.5	Pass
NVNT	b	2462	Ant2	10.066	0.5	Pass
NVNT	g	2412	Ant2	16.304	0.5	Pass
NVNT	g	2437	Ant2	16.342	0.5	Pass
NVNT	g	2462	Ant2	16.326	0.5	Pass
NVNT	n20	2412	Ant2	16.67	0.5	Pass
NVNT	n20	2437	Ant2	17.534	0.5	Pass
NVNT	n20	2462	Ant2	17.297	0.5	Pass
NVNT	n40	2422	Ant2	35.518	0.5	Pass
NVNT	n40	2437	Ant2	35.339	0.5	Pass
NVNT	n40	2452	Ant2	35.797	0.5	Pass

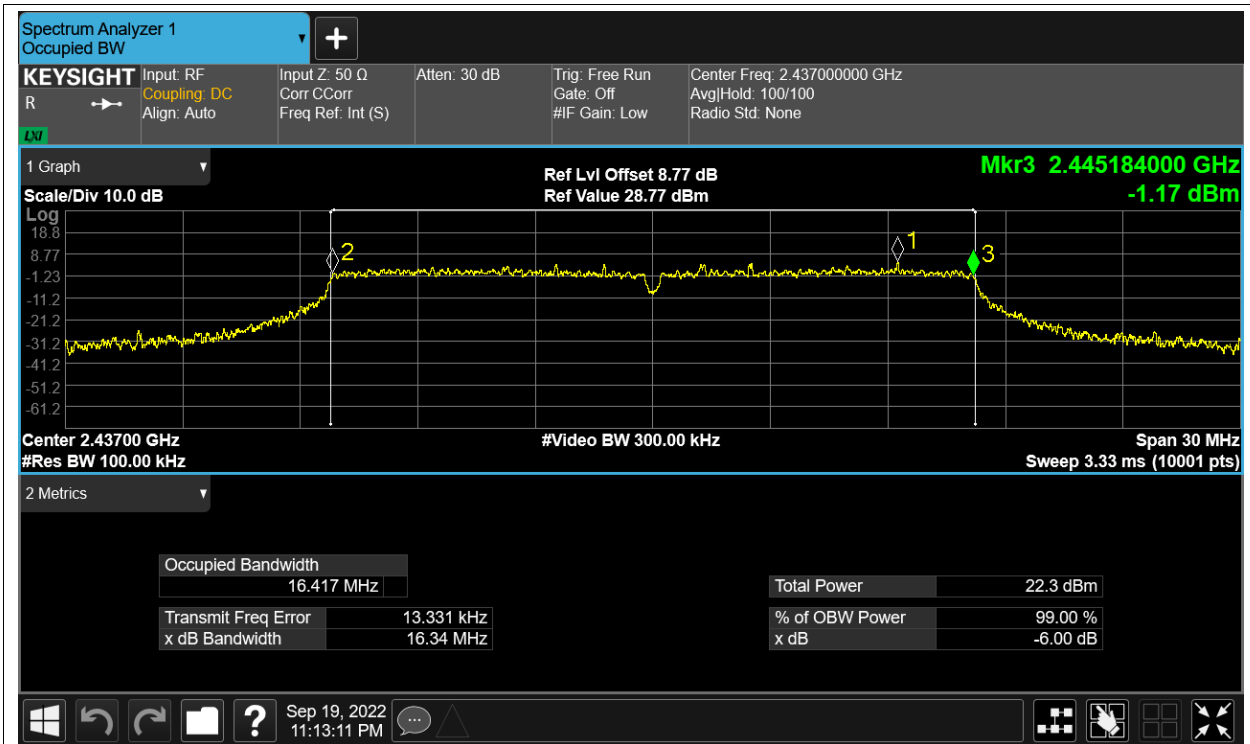




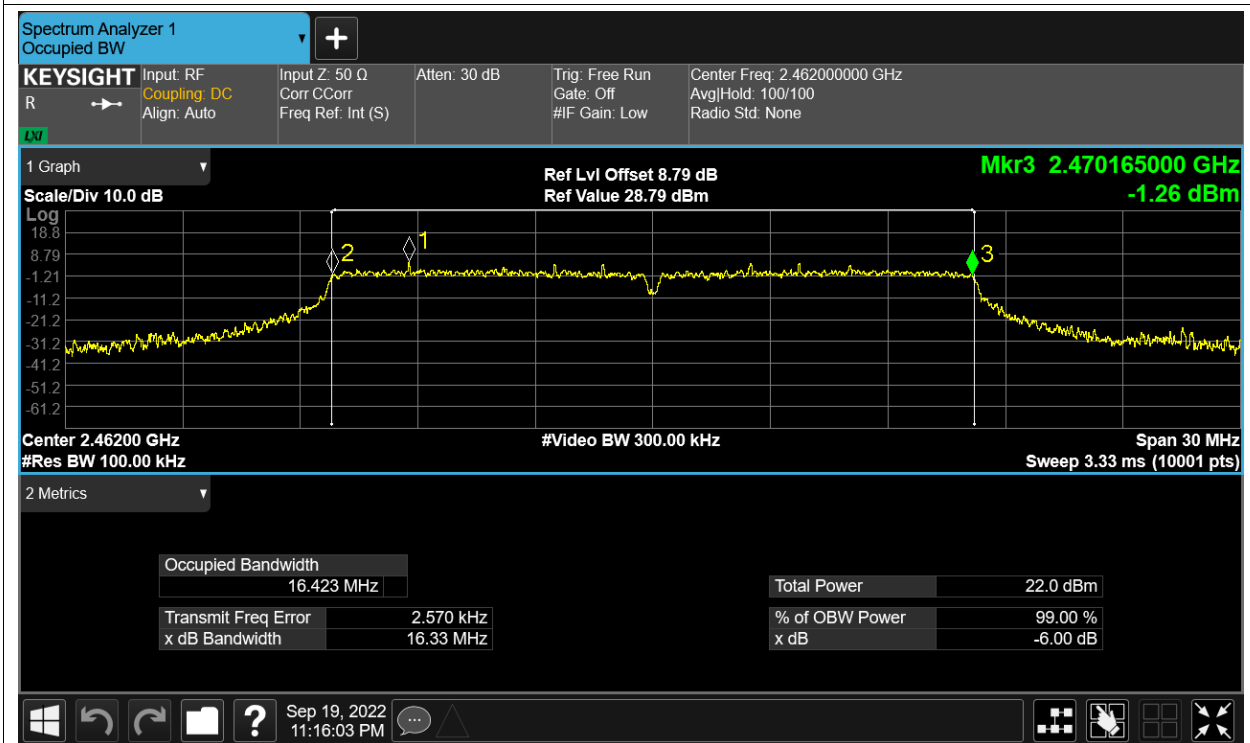
-6dB Bandwidth NVNT g 2412MHz Ant2



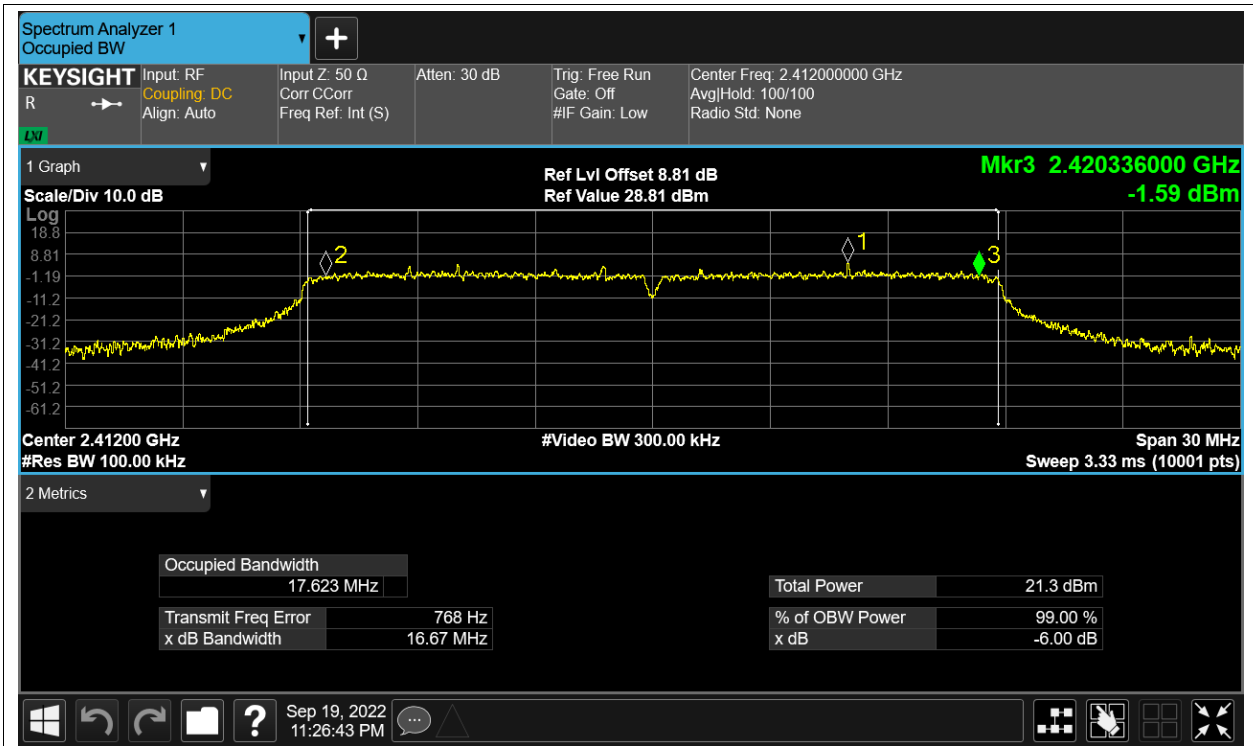
-6dB Bandwidth NVNT g 2437MHz Ant2



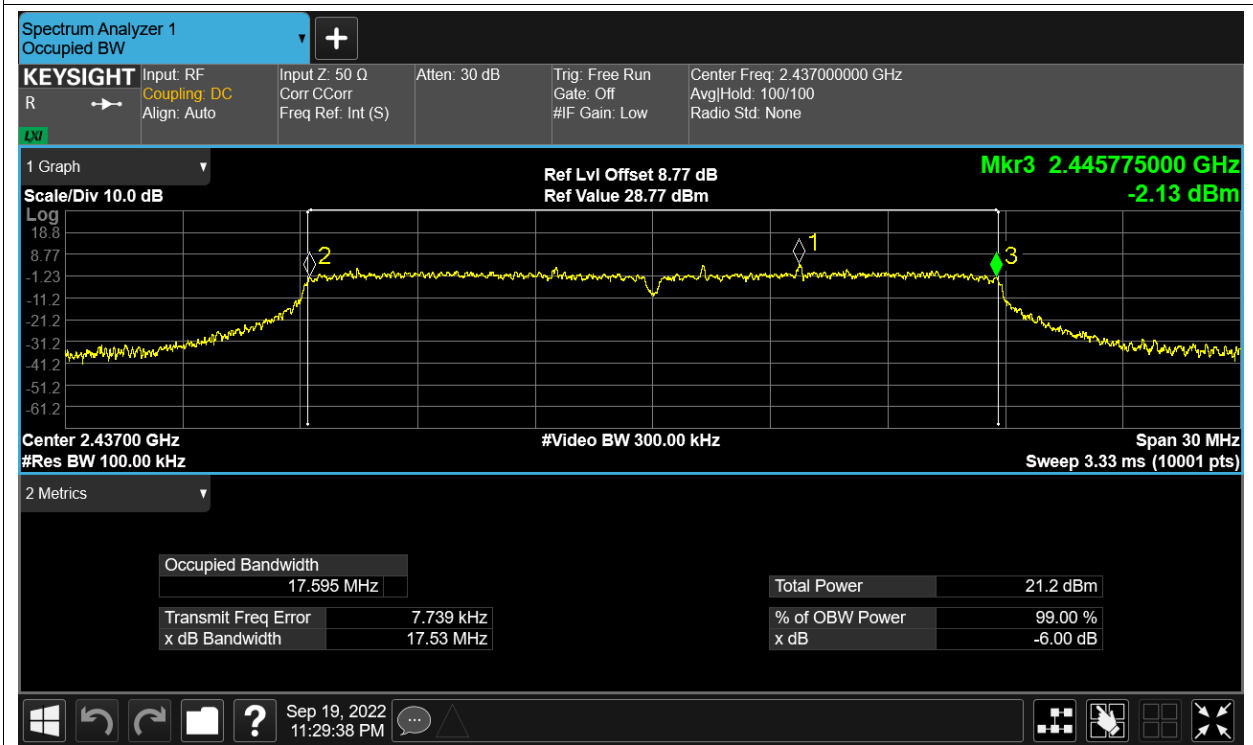
-6dB Bandwidth NVNT g 2462MHz Ant2



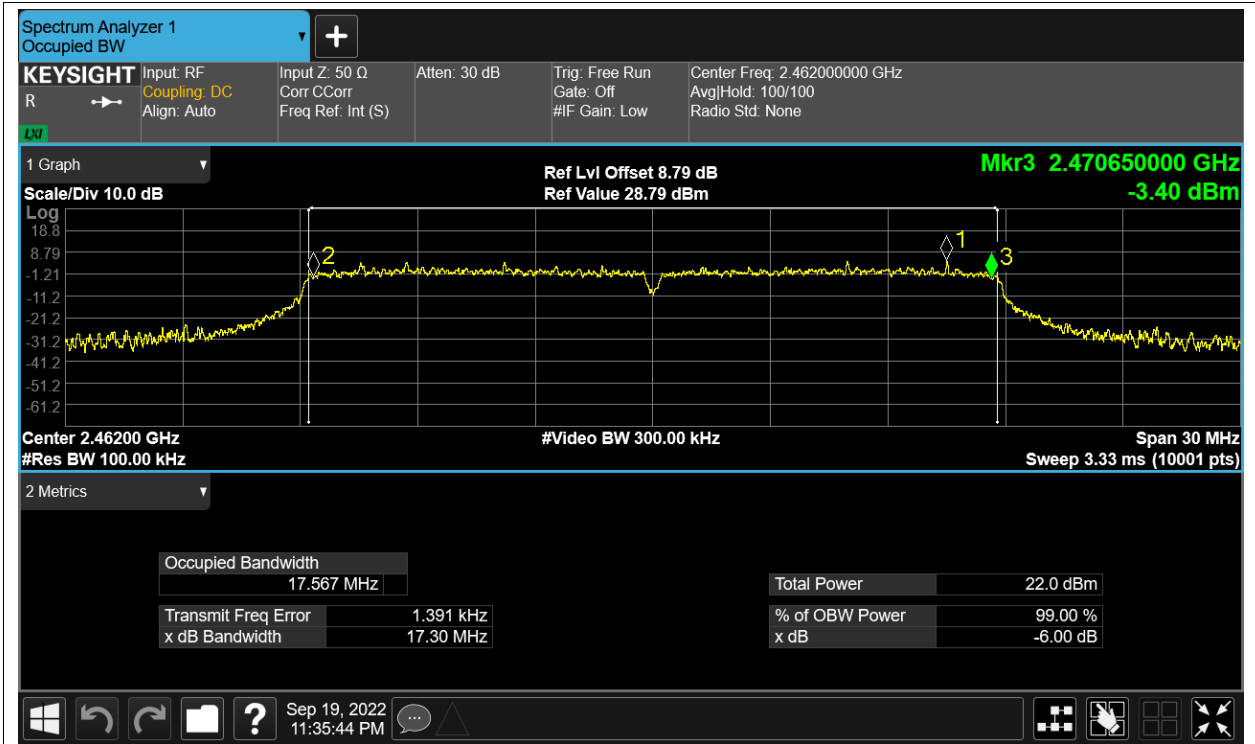
-6dB Bandwidth NVNT n20 2412MHz Ant2



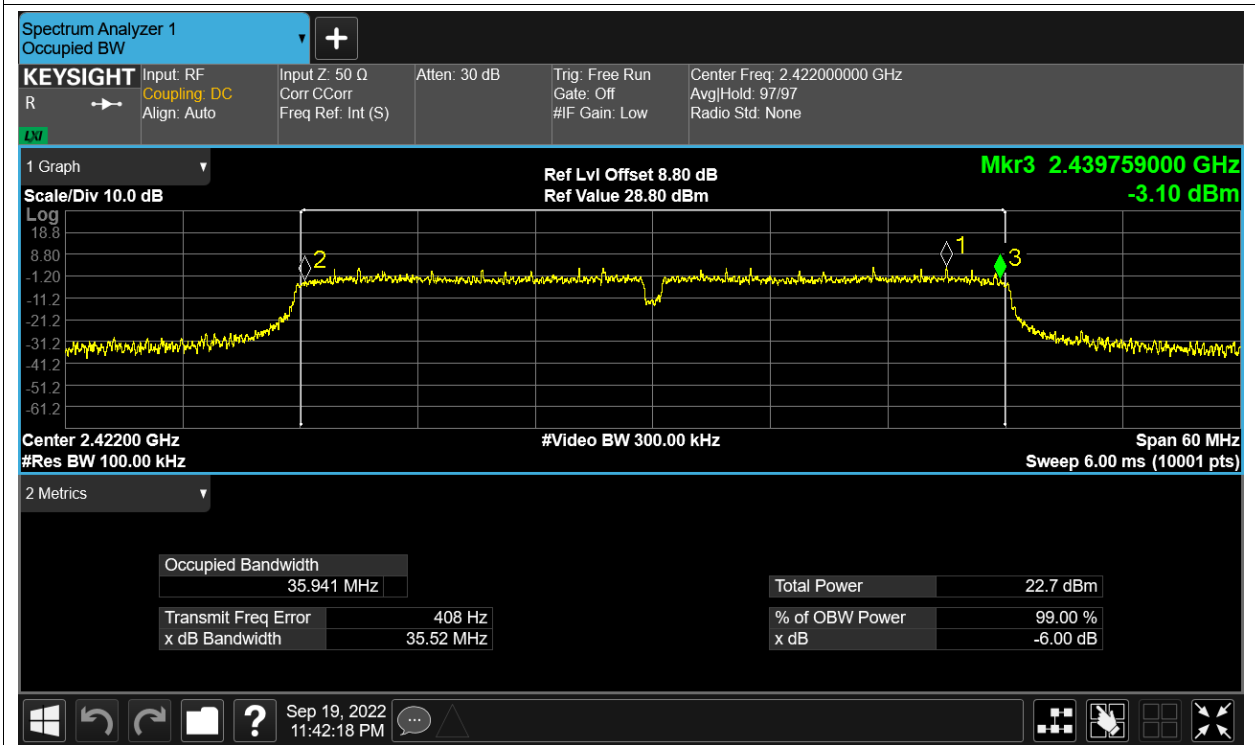
-6dB Bandwidth NVNT n20 2437MHz Ant2



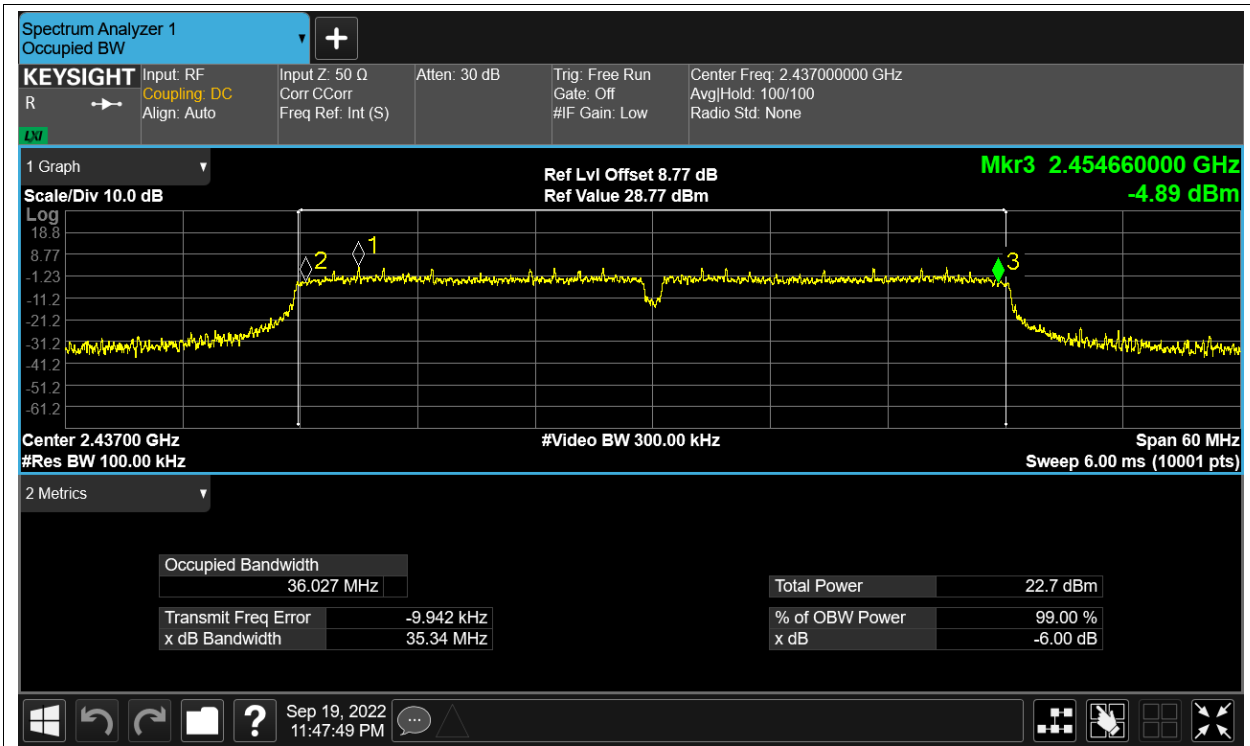
-6dB Bandwidth NVNT n20 2462MHz Ant2



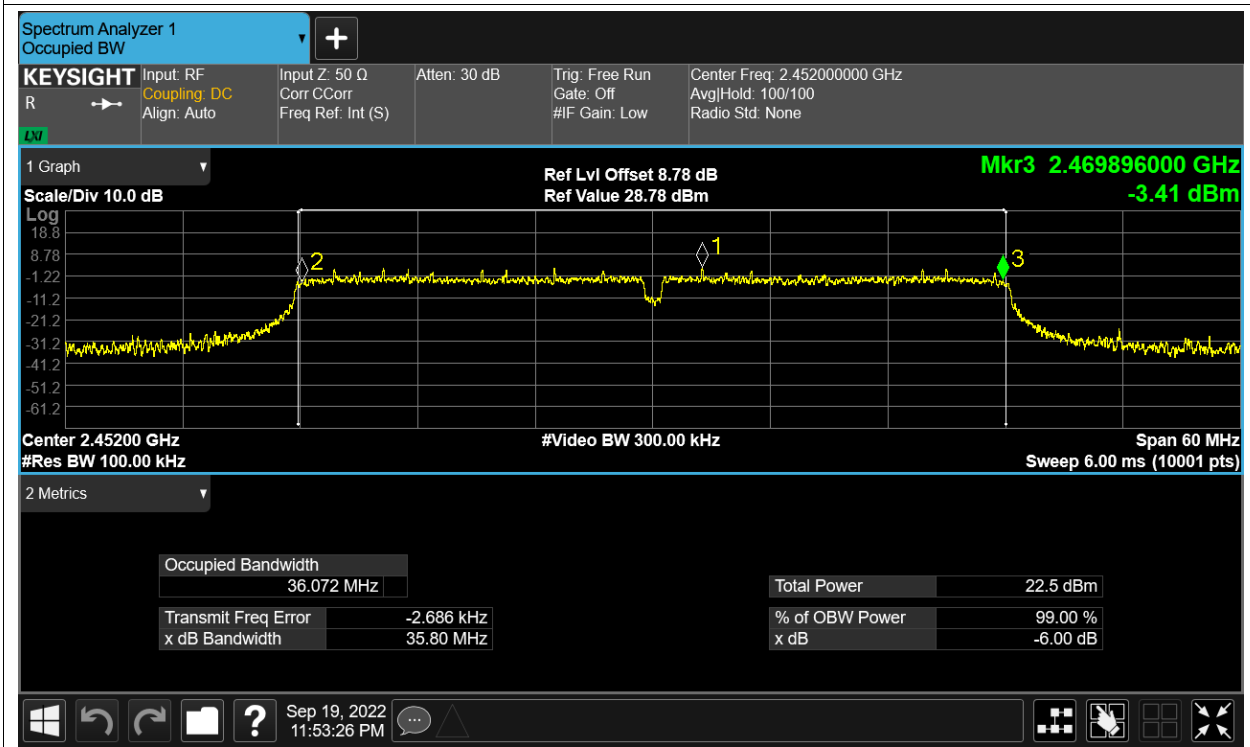
-6dB Bandwidth NVNT n40 2422MHz Ant2



-6dB Bandwidth NVNT n40 2437MHz Ant2



-6dB Bandwidth NVNT n40 2452MHz Ant2

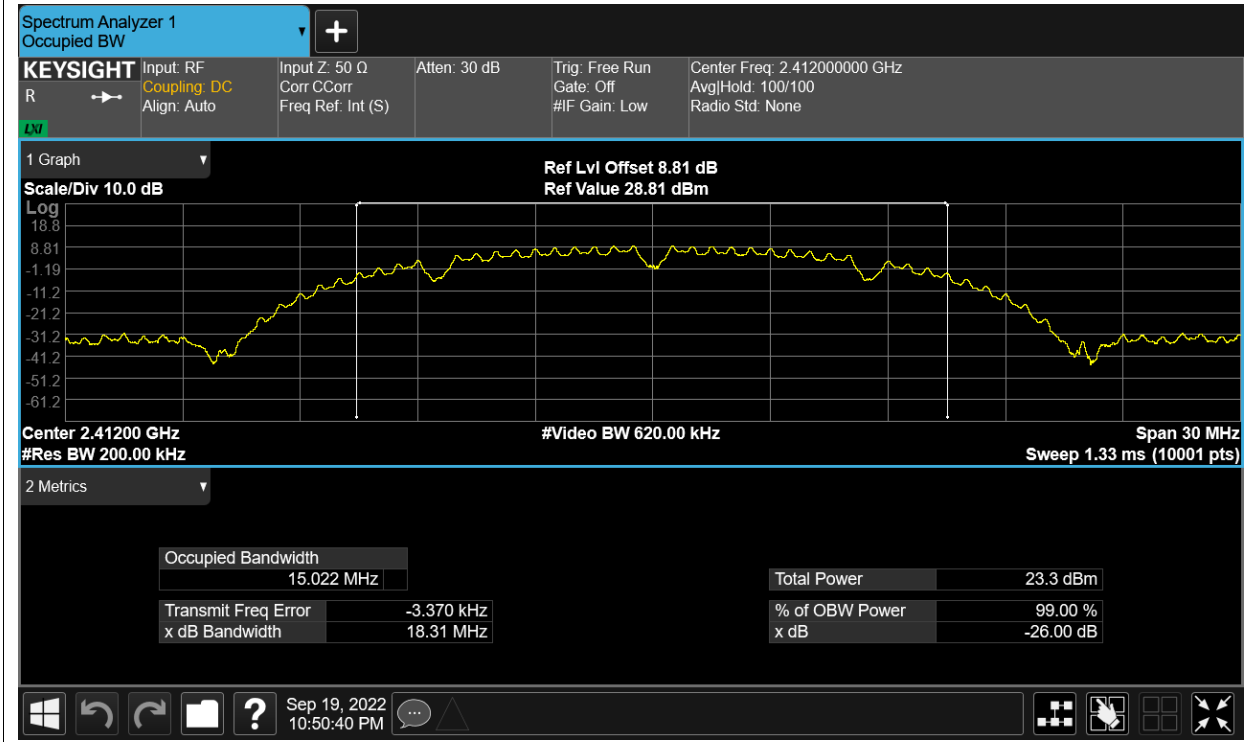


Occupied Channel Bandwidth

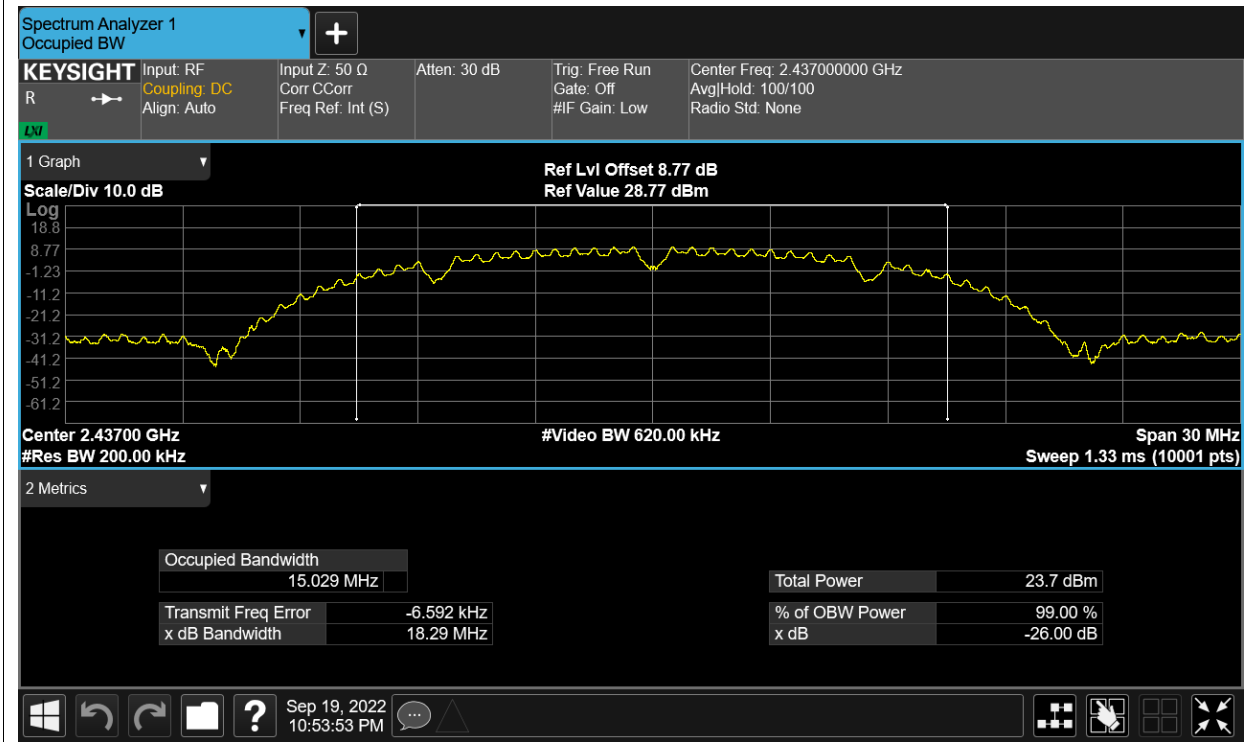
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant2	15.02176969
NVNT	b	2437	Ant2	15.02901534
NVNT	b	2462	Ant2	15.0055097
NVNT	g	2412	Ant2	16.53448871
NVNT	g	2437	Ant2	16.54162362
NVNT	g	2462	Ant2	16.51801237
NVNT	n20	2412	Ant2	17.63783205
NVNT	n20	2437	Ant2	17.63655593
NVNT	n20	2462	Ant2	17.58990509
NVNT	n40	2422	Ant2	36.04799962
NVNT	n40	2437	Ant2	36.17838641
NVNT	n40	2452	Ant2	36.1940251

Test Graphs

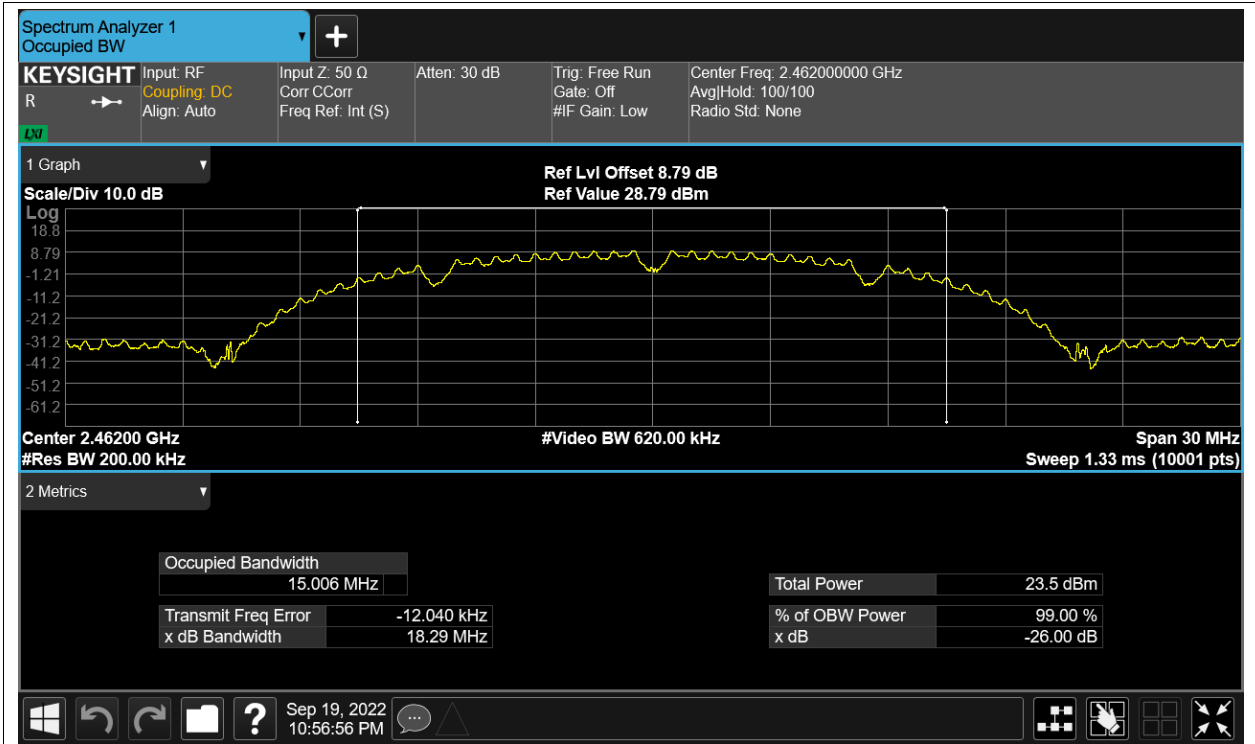
OBW NVNT b 2412MHz Ant2



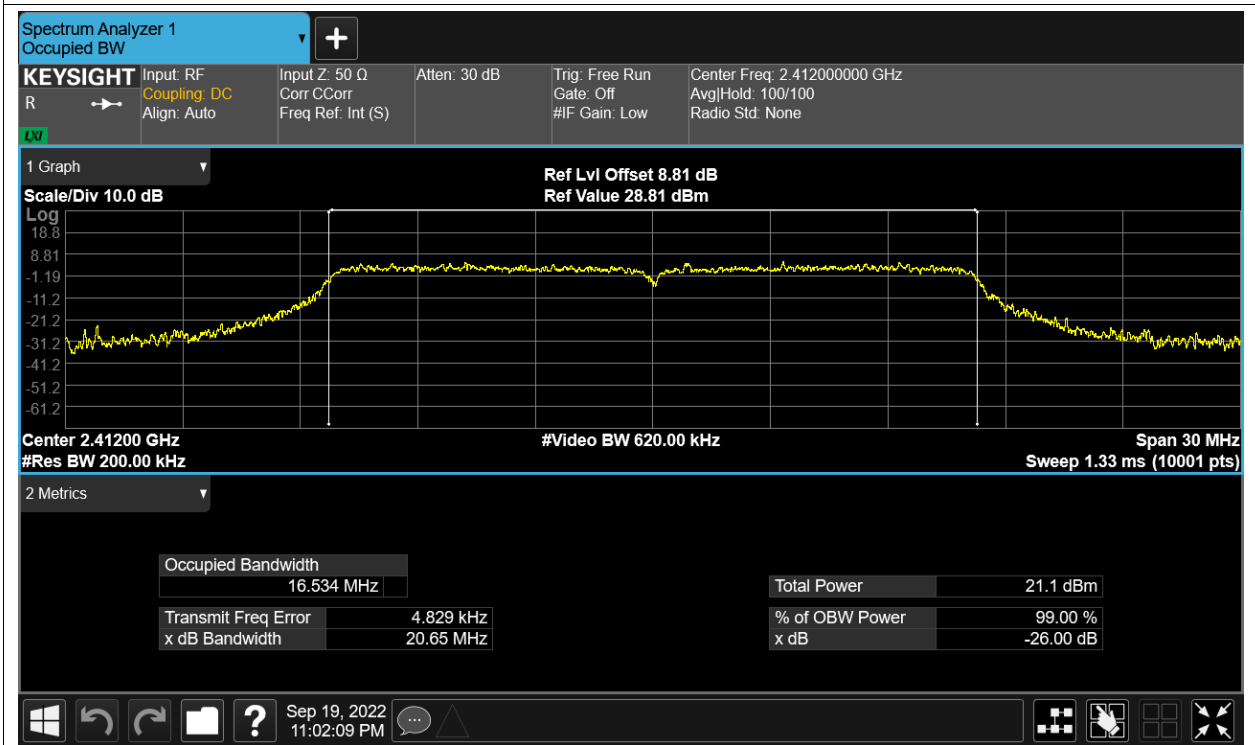
OBW NVNT b 2437MHz Ant2



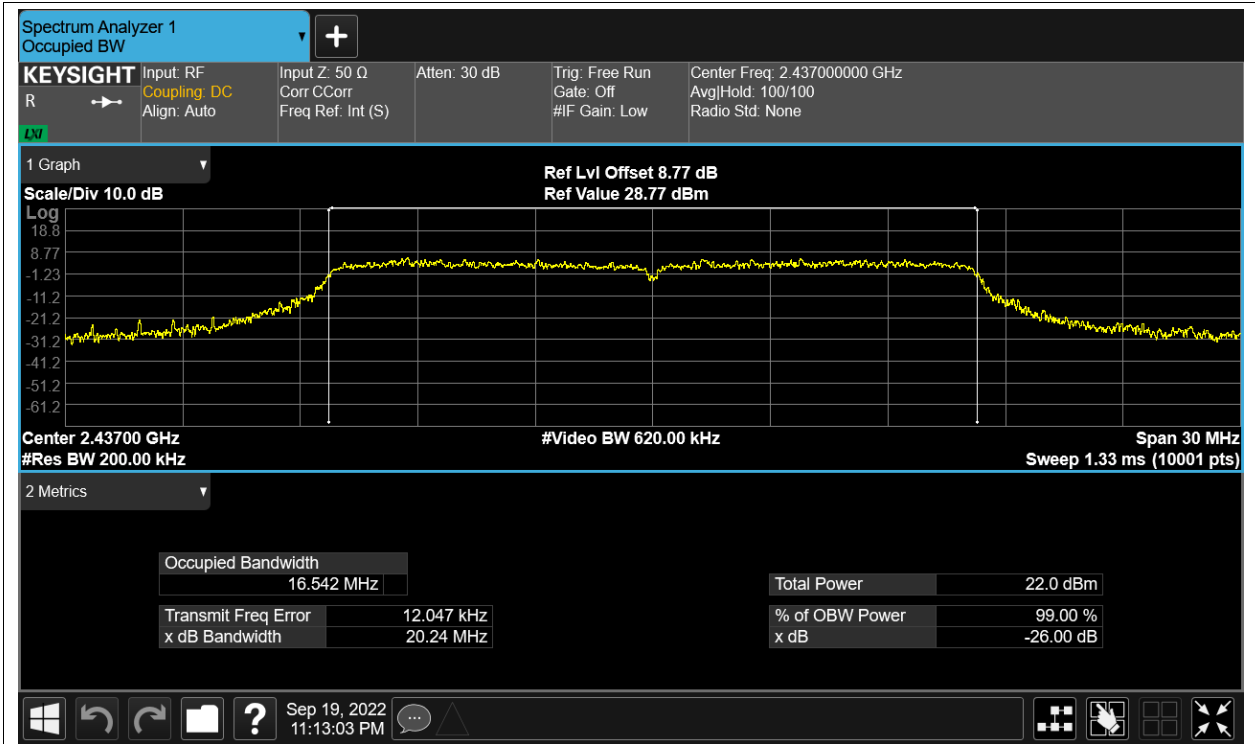
OBW NVNT b 2462MHz Ant2



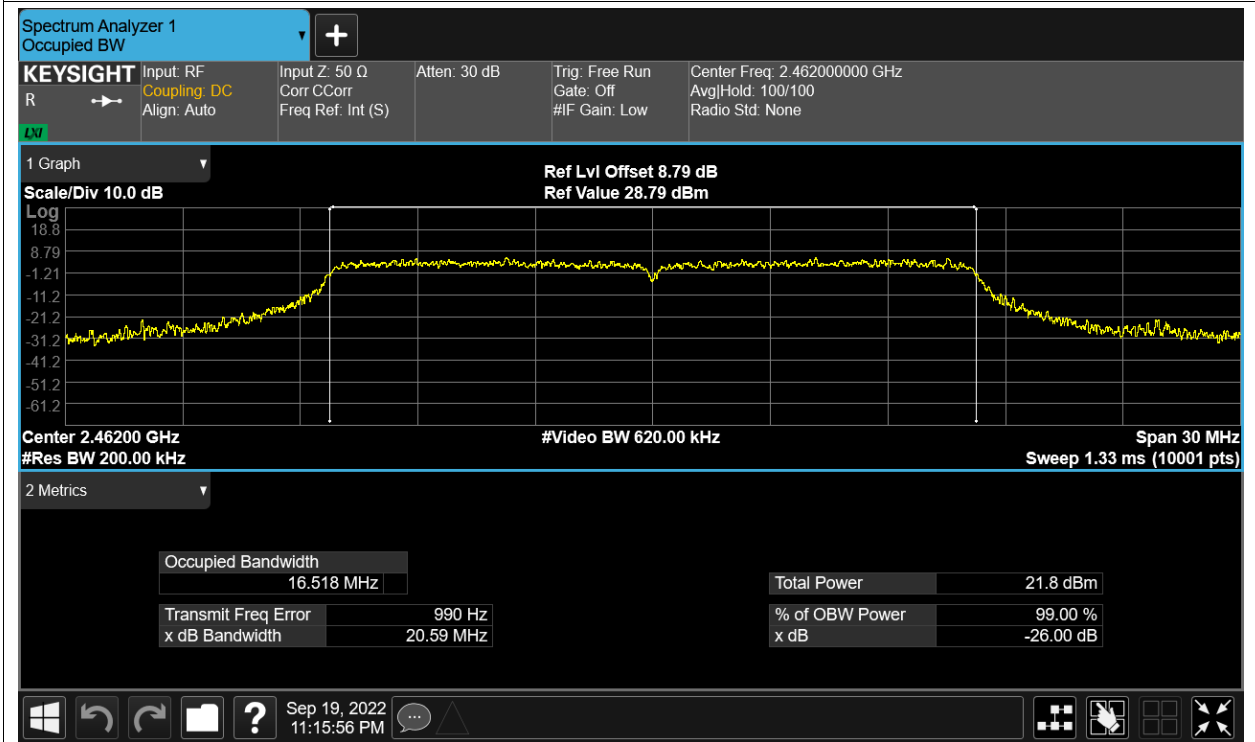
OBW NVNT g 2412MHz Ant2



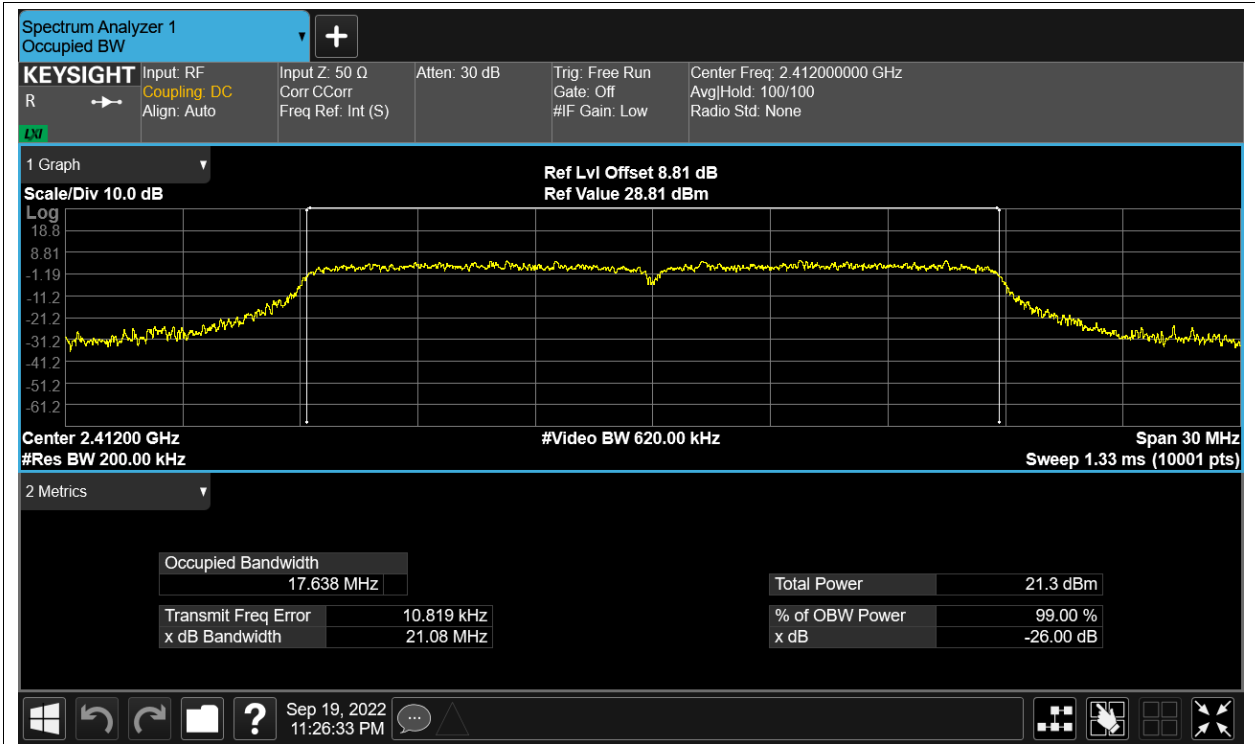
OBW NVNT g 2437MHz Ant2



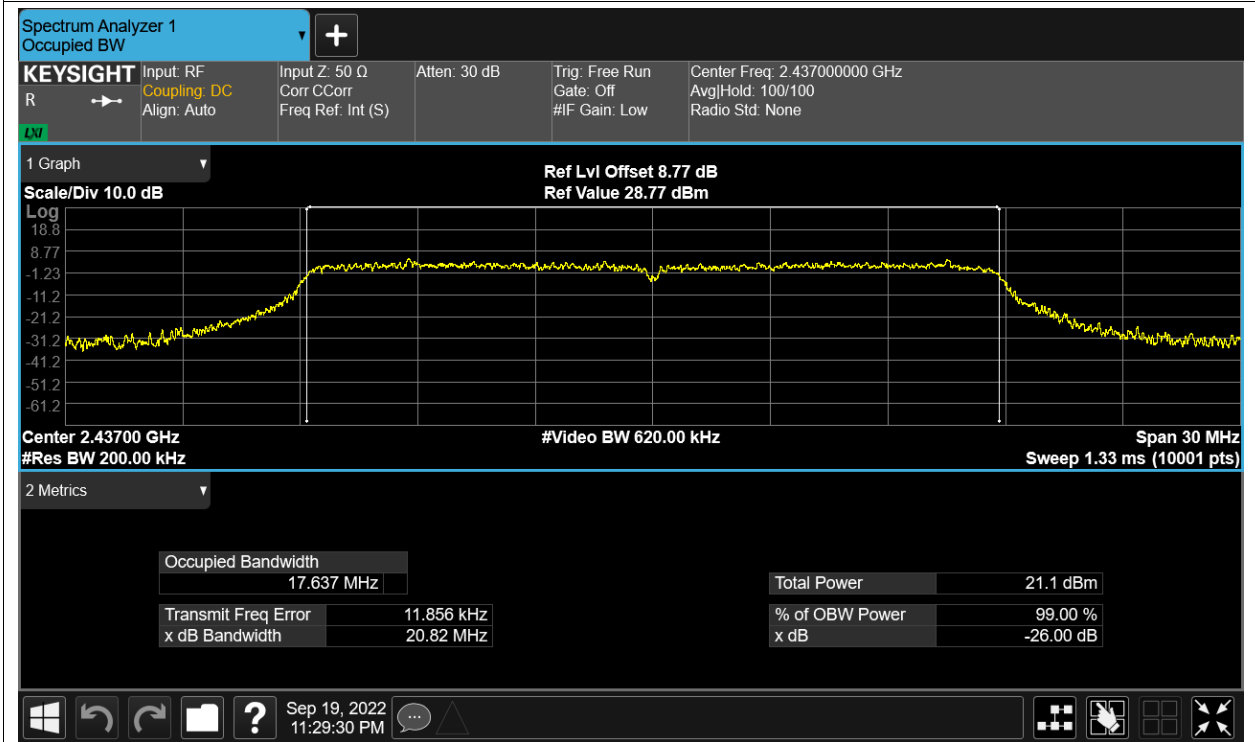
OBW NVNT g 2462MHz Ant2



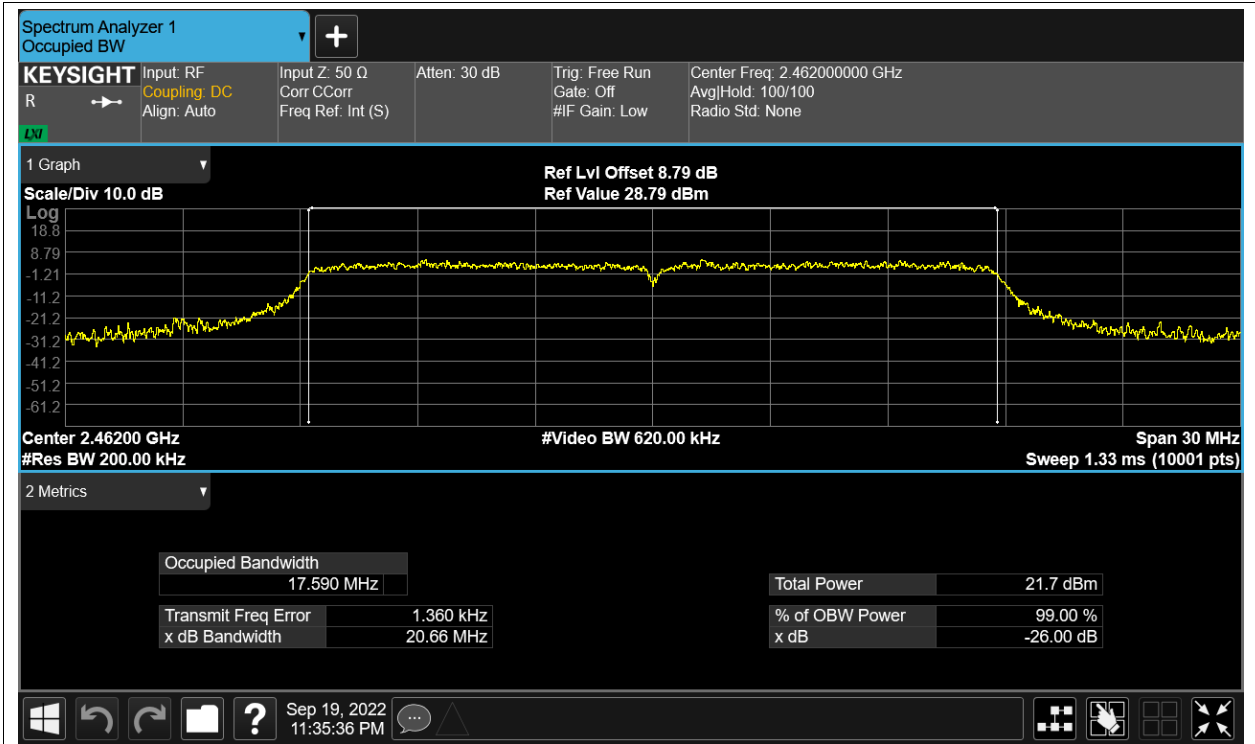
OBW NVNT n20 2412MHz Ant2



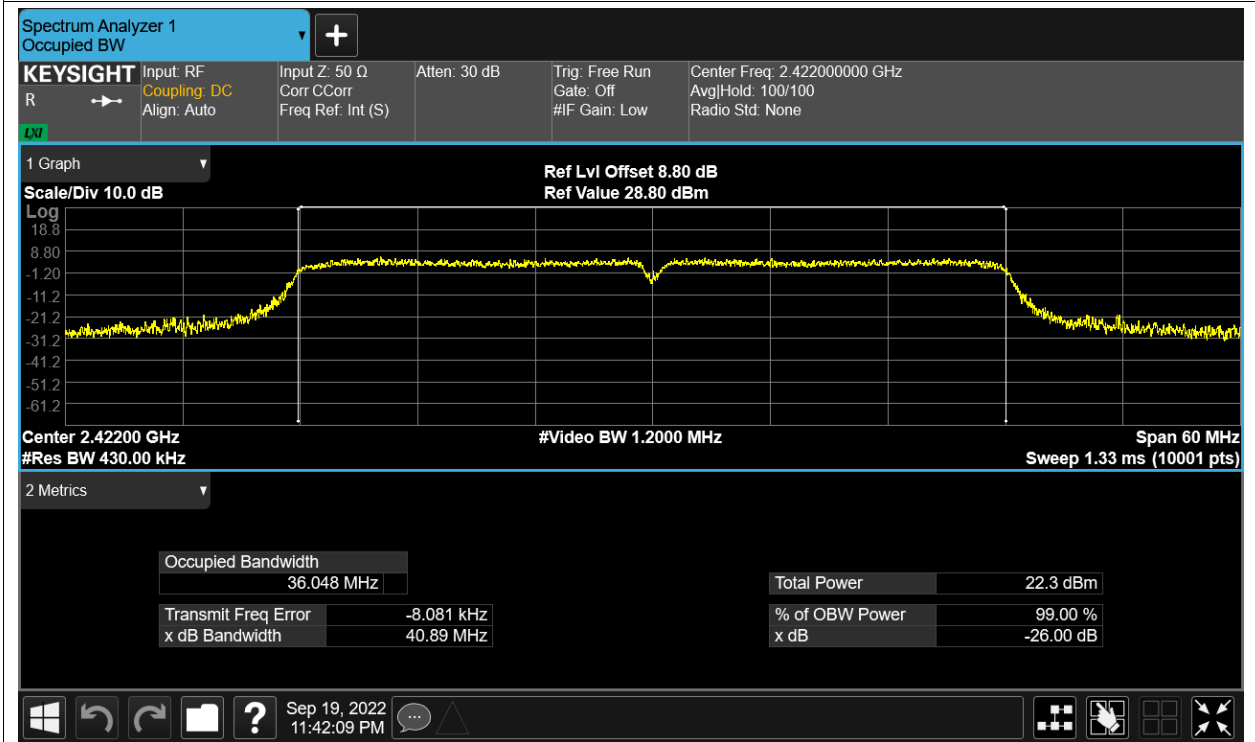
OBW NVNT n20 2437MHz Ant2



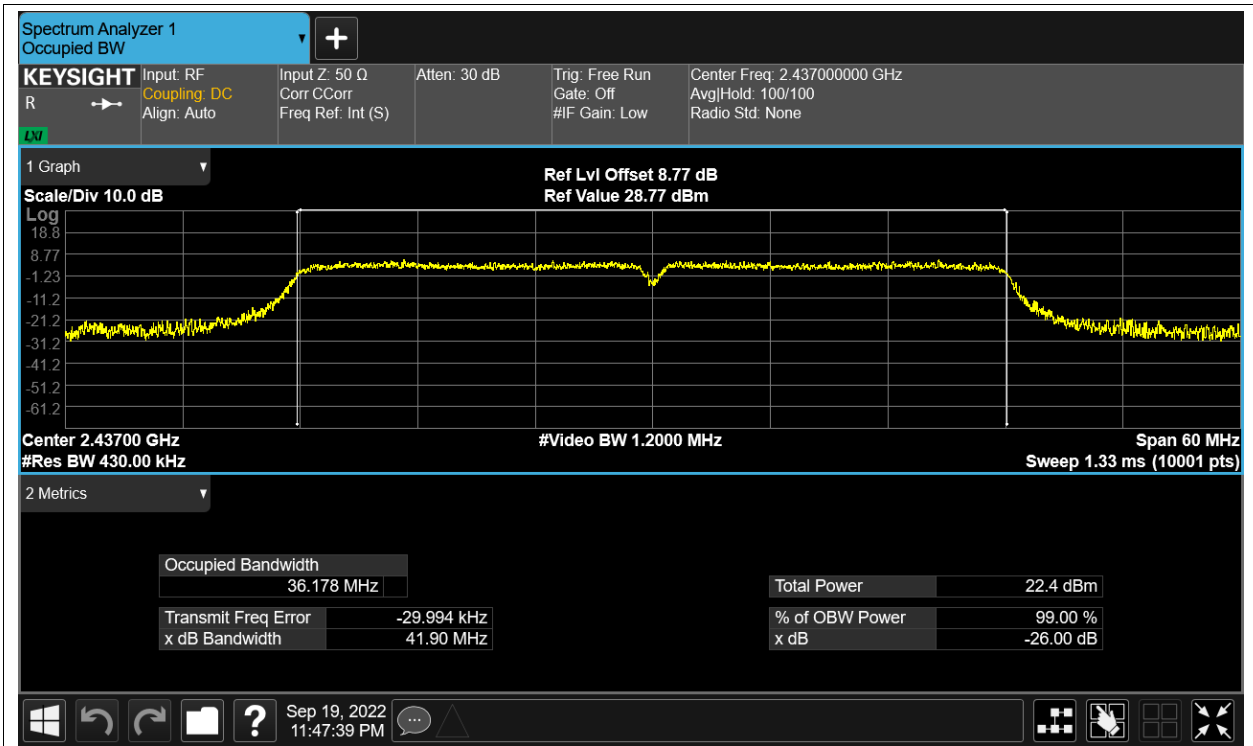
OBW NVNT n20 2462MHz Ant2



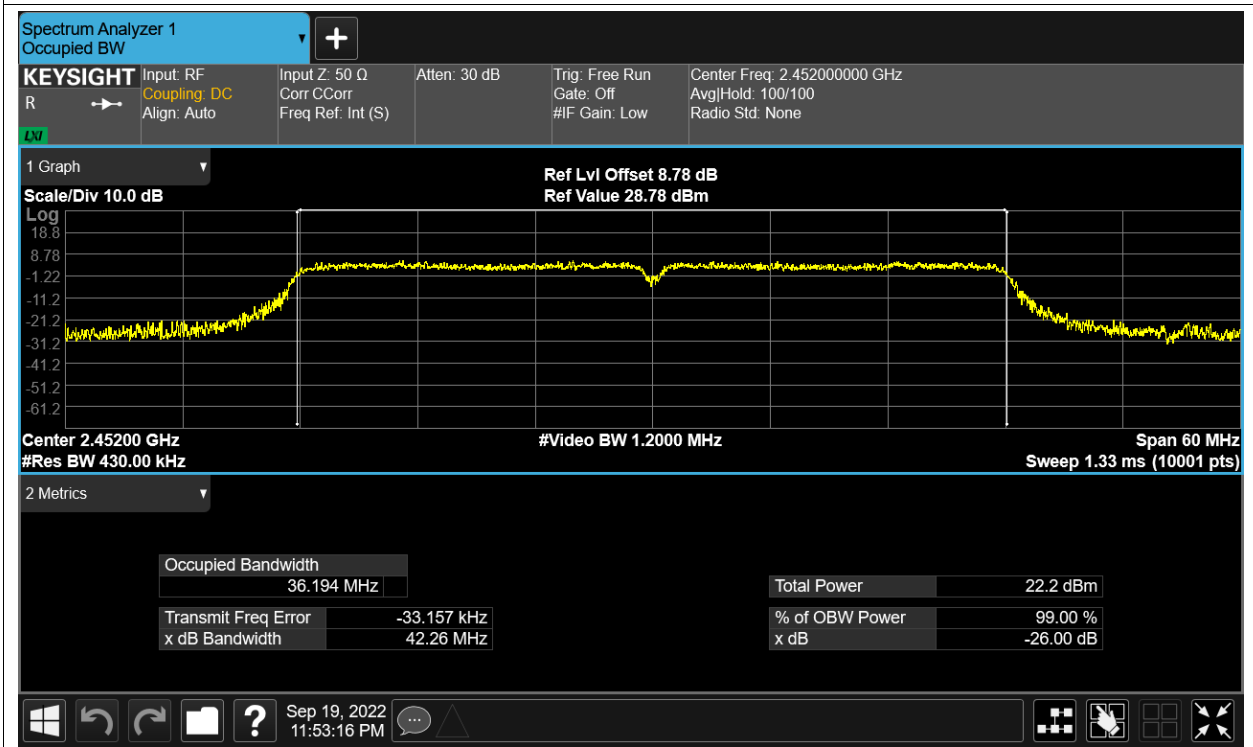
OBW NVNT n40 2422MHz Ant2



OBW NVNT n40 2437MHz Ant2



OBW NVNT n40 2452MHz Ant2



Maximum Power Spectral Density Level

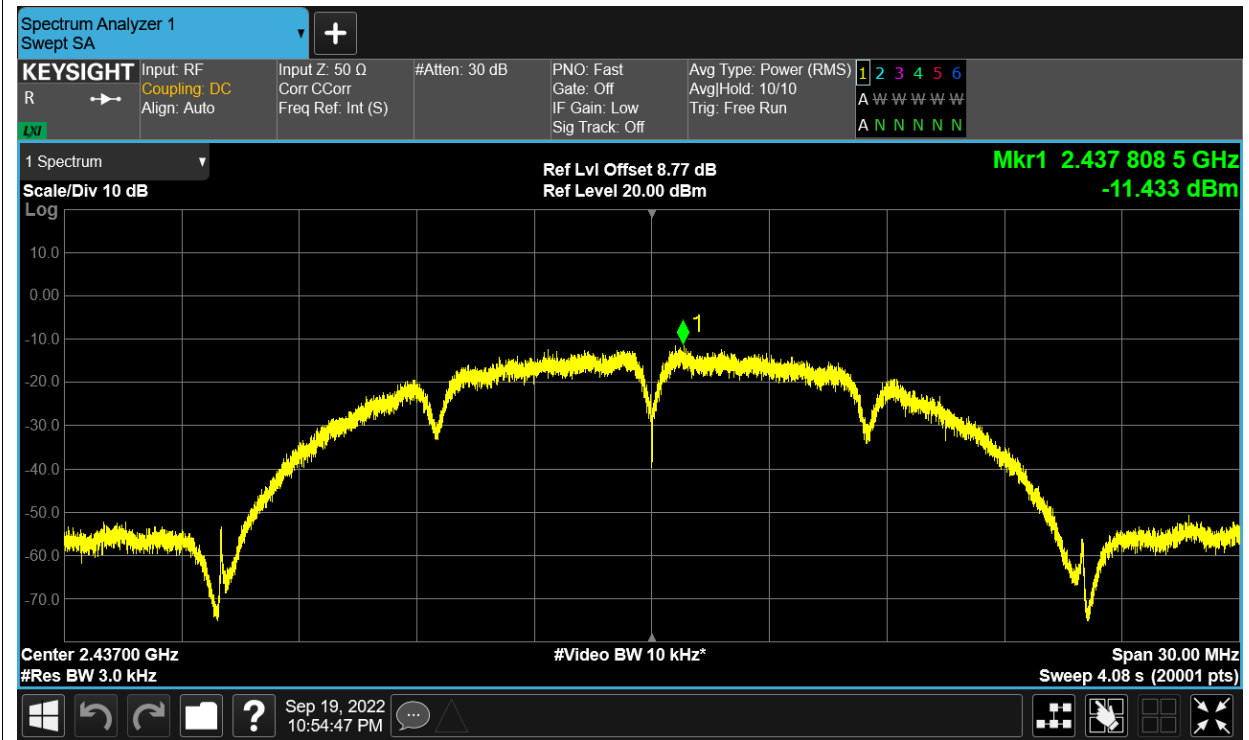
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant2	-12.509	8	Pass
NVNT	b	2437	Ant2	-11.433	8	Pass
NVNT	b	2462	Ant2	-10.994	8	Pass
NVNT	g	2412	Ant2	-15.025	8	Pass
NVNT	g	2437	Ant2	-14.336	8	Pass
NVNT	g	2462	Ant2	-14.337	8	Pass
NVNT	n20	2412	Ant2	-14.963	8	Pass
NVNT	n20	2437	Ant2	-14.57	8	Pass
NVNT	n20	2462	Ant2	-14.803	8	Pass
NVNT	n40	2422	Ant2	-15.668	8	Pass
NVNT	n40	2437	Ant2	-15.773	8	Pass
NVNT	n40	2452	Ant2	-16.607	8	Pass

Test Graphs

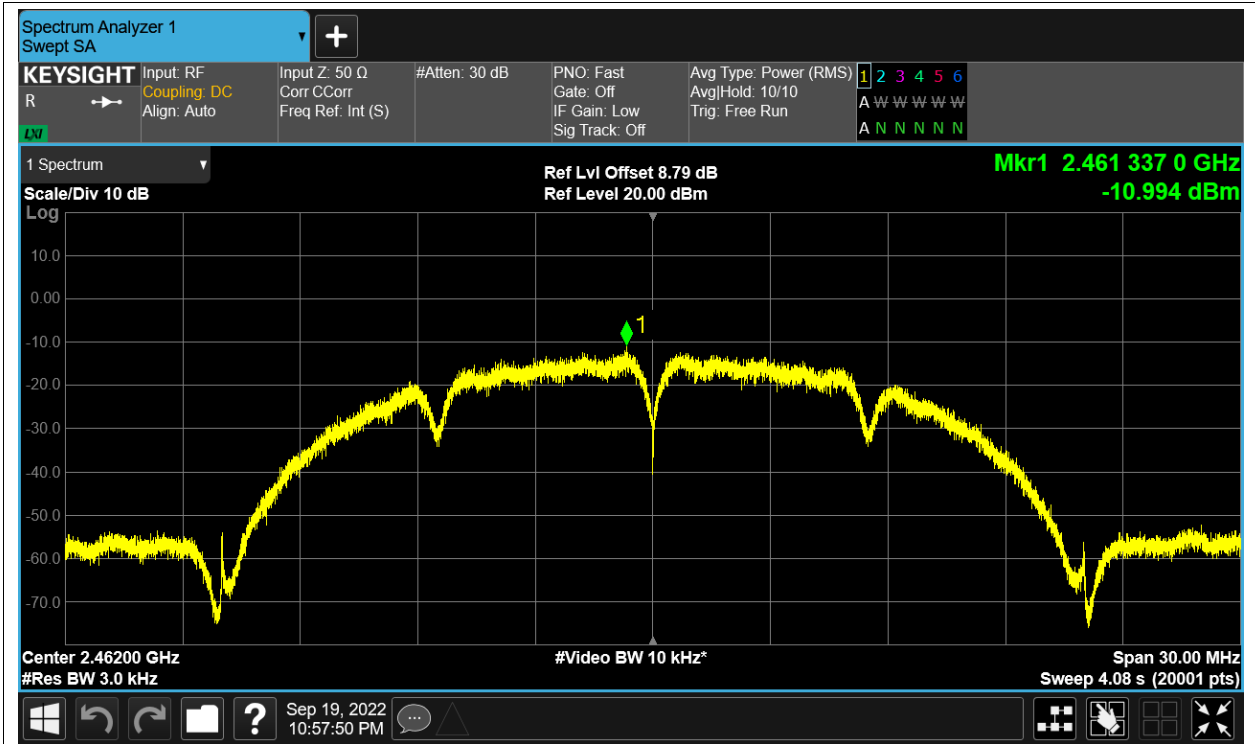
PSD NVNT b 2412MHz Ant2



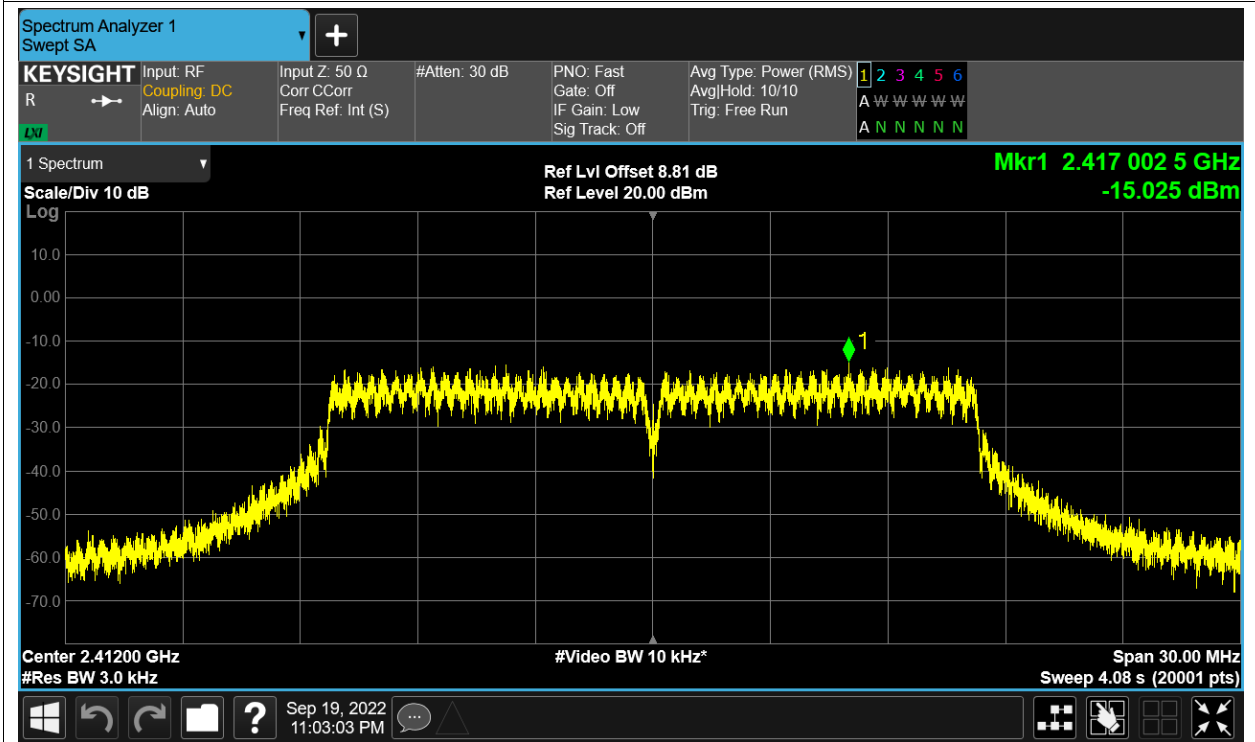
PSD NVNT b 2437MHz Ant2



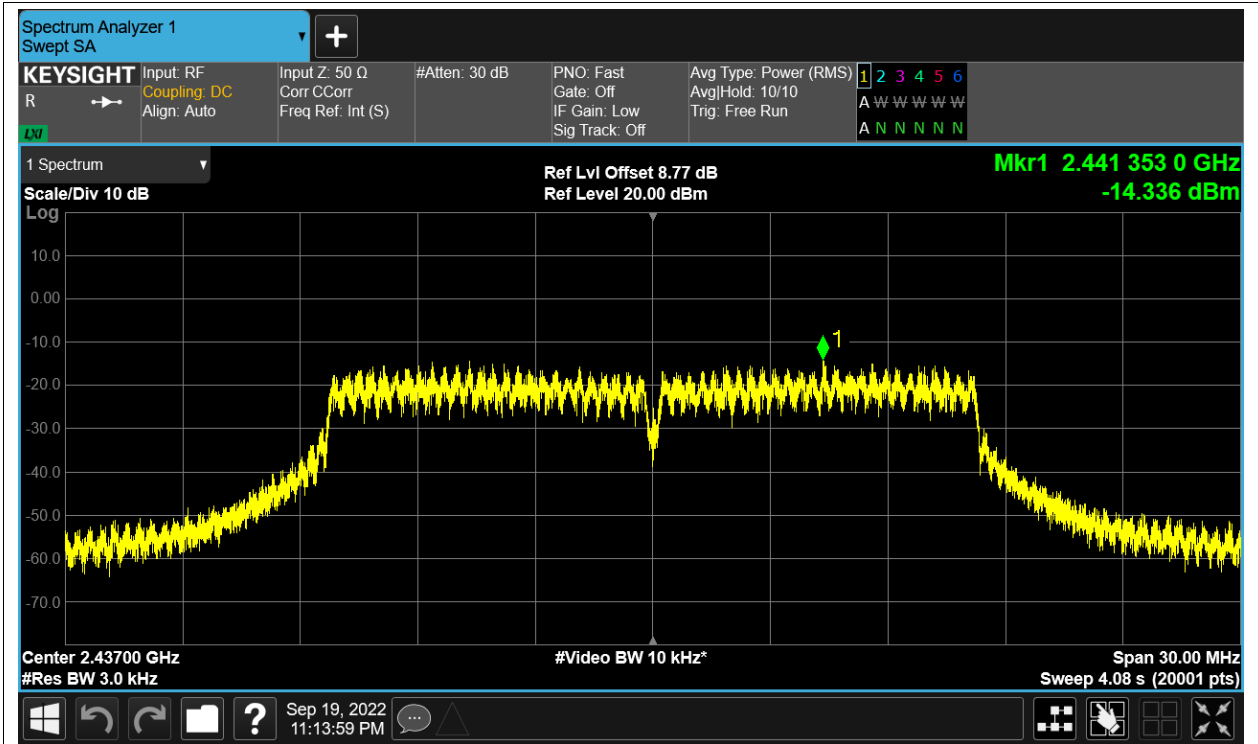
PSD NVNT b 2462MHz Ant2



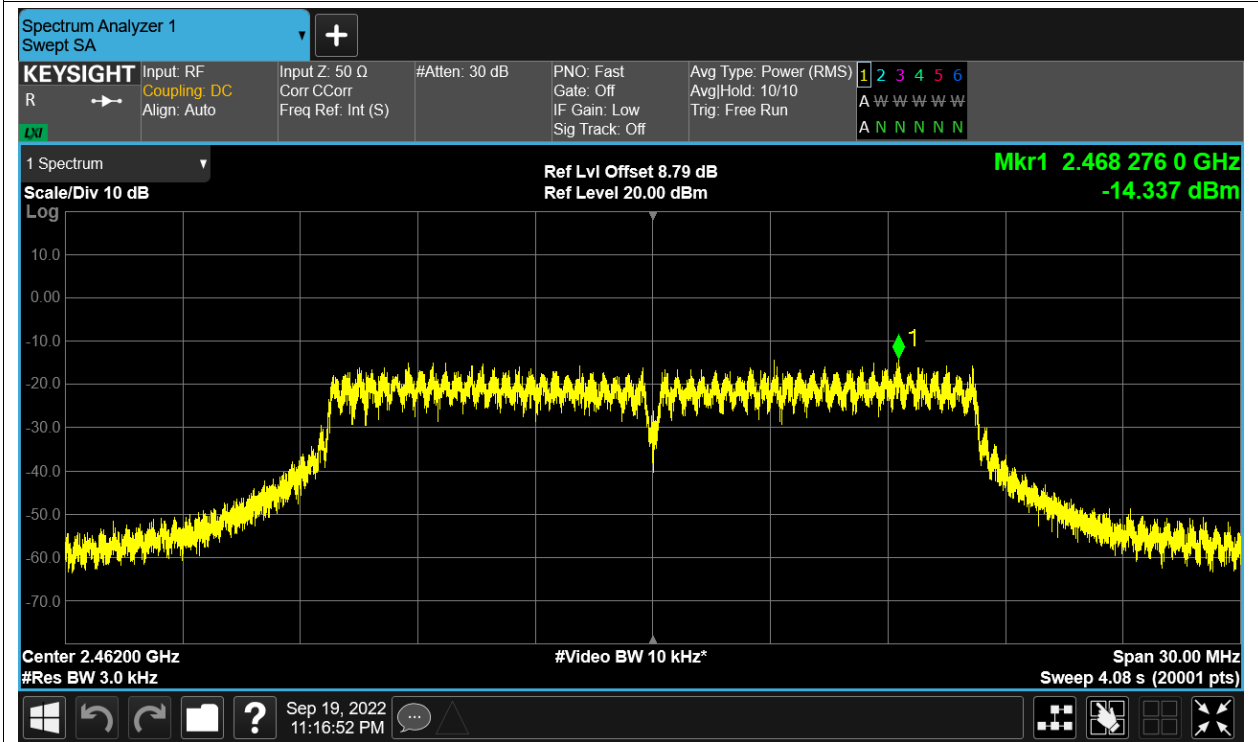
PSD NVNT g 2412MHz Ant2



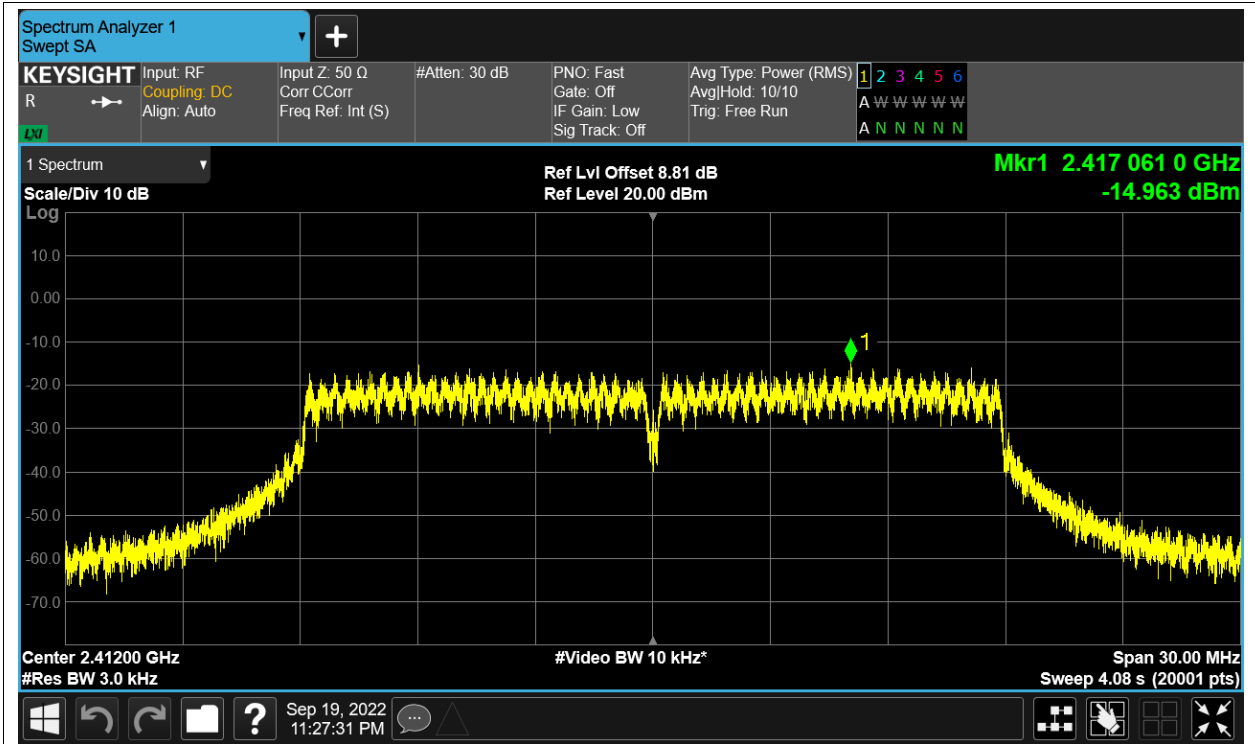
PSD NVNT g 2437MHz Ant2



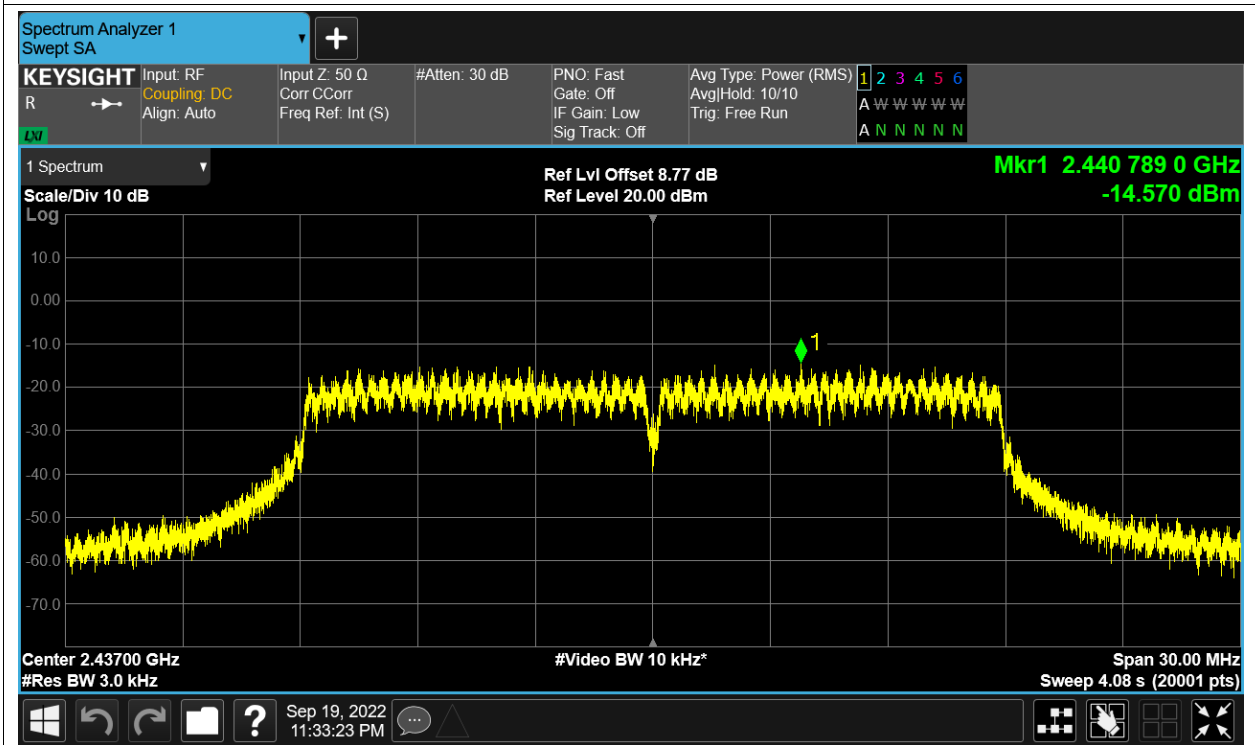
PSD NVNT g 2462MHz Ant2



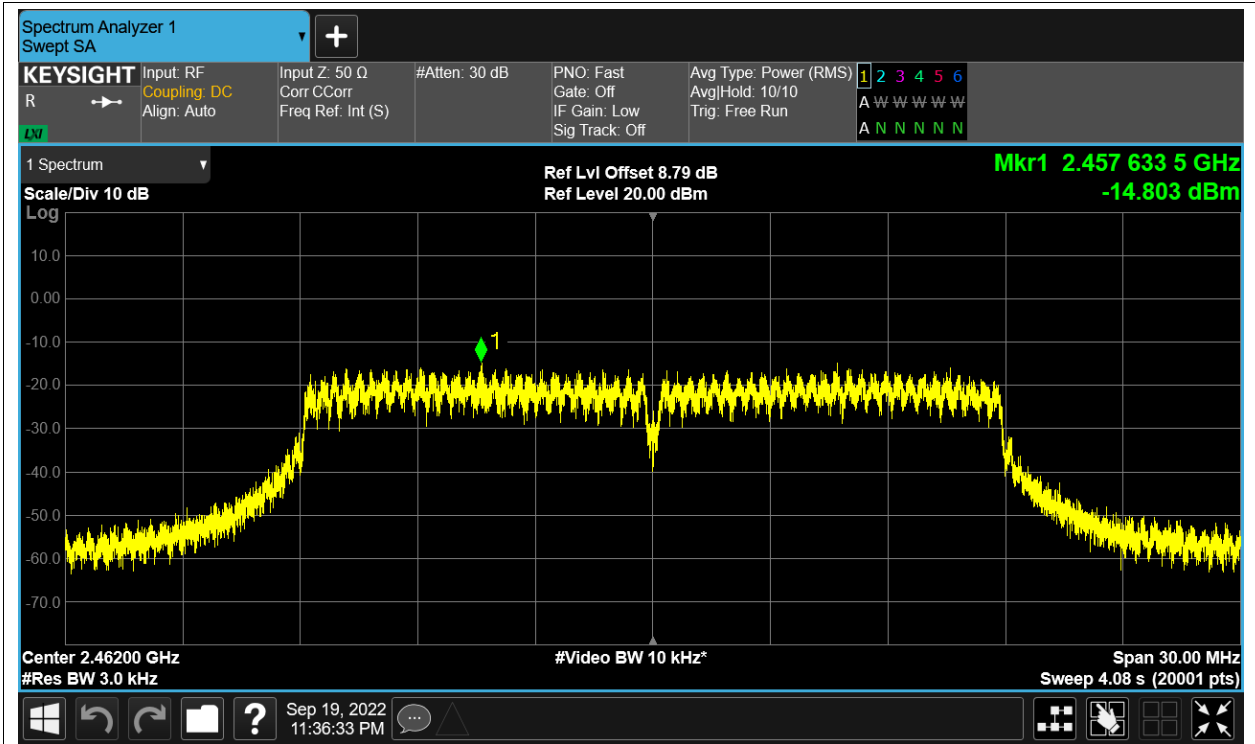
PSD NVNT n20 2412MHz Ant2



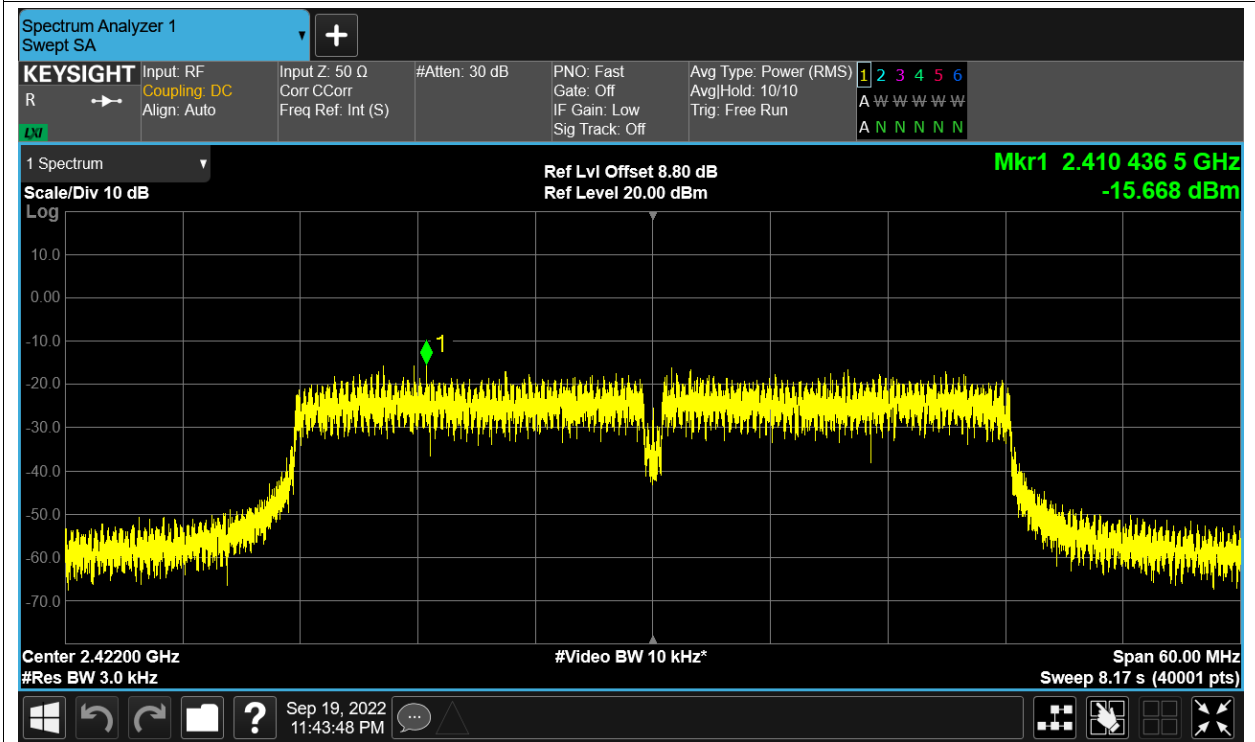
PSD NVNT n20 2437MHz Ant2



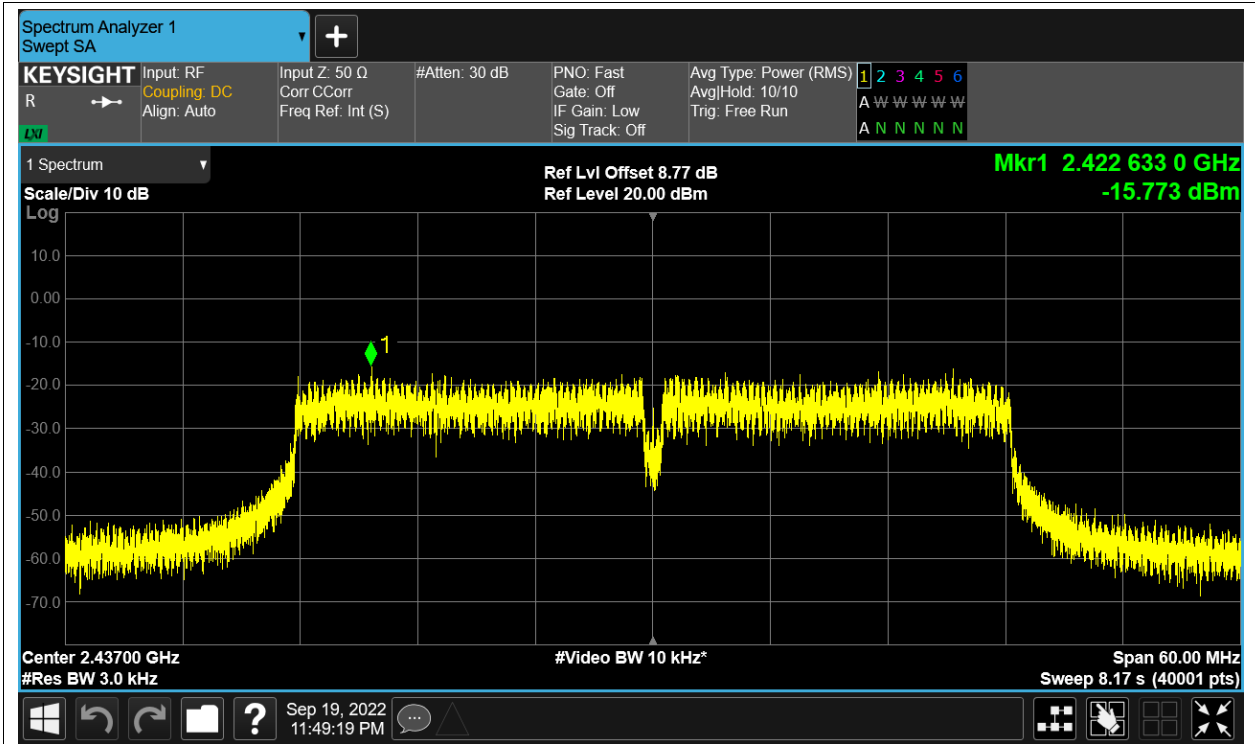
PSD NVNT n20 2462MHz Ant2



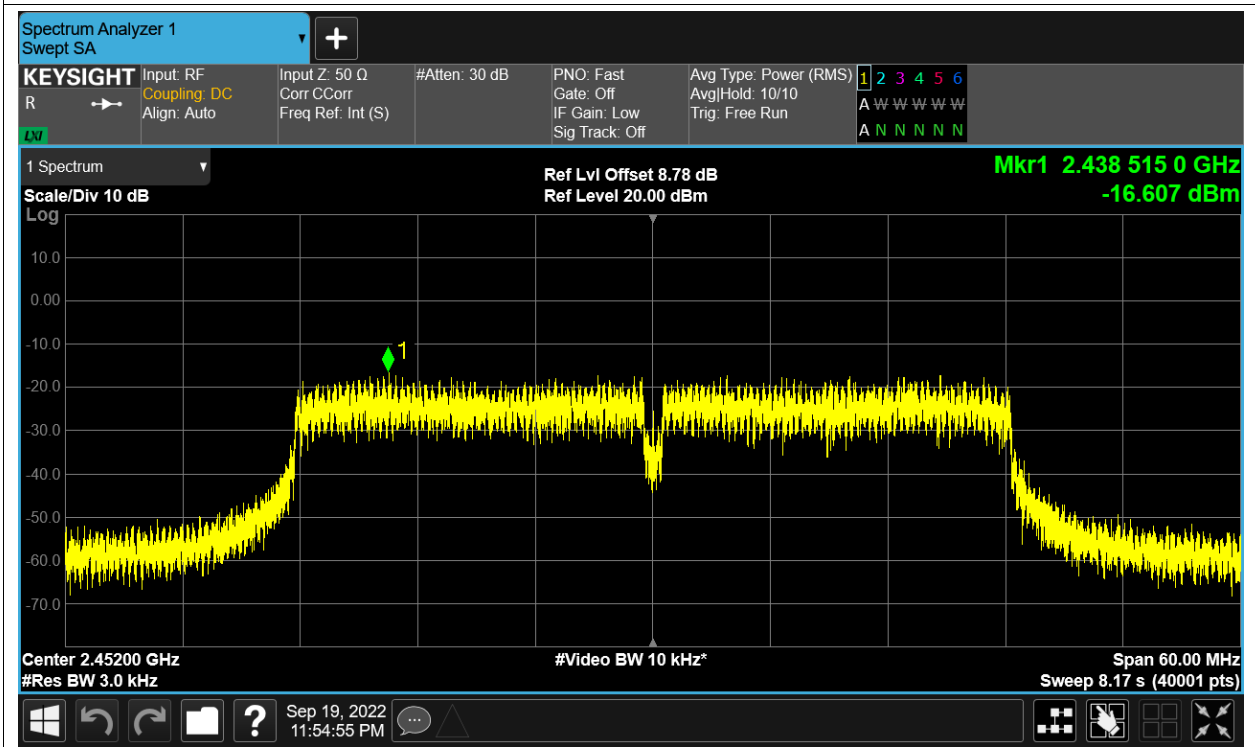
PSD NVNT n40 2422MHz Ant2



PSD NVNT n40 2437MHz Ant2



PSD NVNT n40 2452MHz Ant2

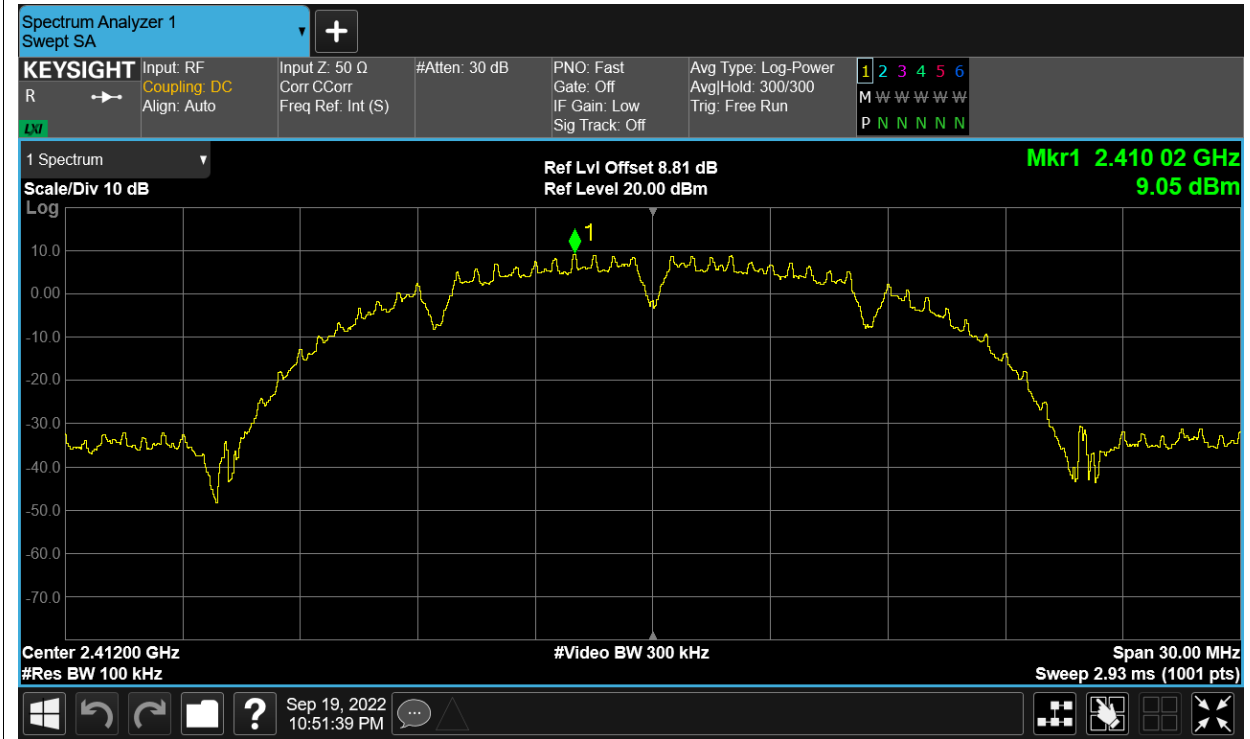


Band Edge

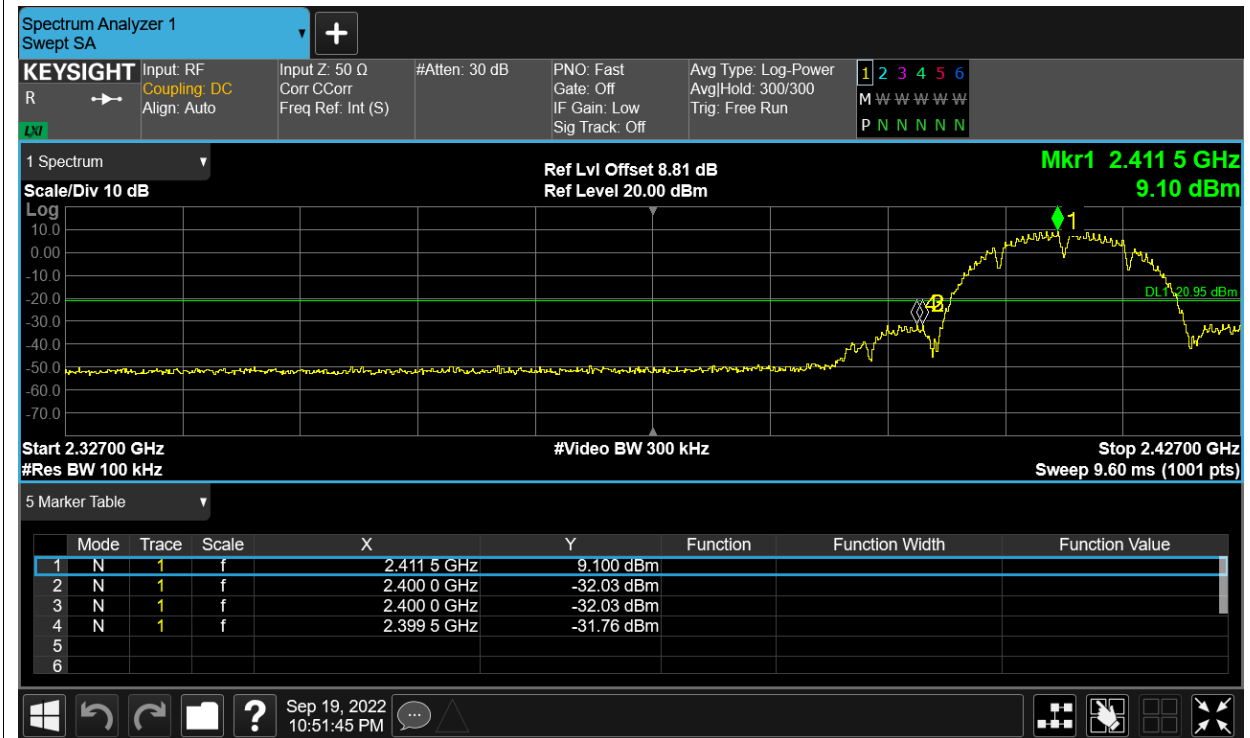
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant2	-40.8	-30	Pass
NVNT	b	2462	Ant2	-57.44	-30	Pass
NVNT	g	2412	Ant2	-32.05	-30	Pass
NVNT	g	2462	Ant2	-43.31	-30	Pass
NVNT	n20	2412	Ant2	-32.38	-30	Pass
NVNT	n20	2462	Ant2	-44.13	-30	Pass
NVNT	n40	2422	Ant2	-30.3	-30	Pass
NVNT	n40	2452	Ant2	-34.26	-30	Pass

Test Graphs

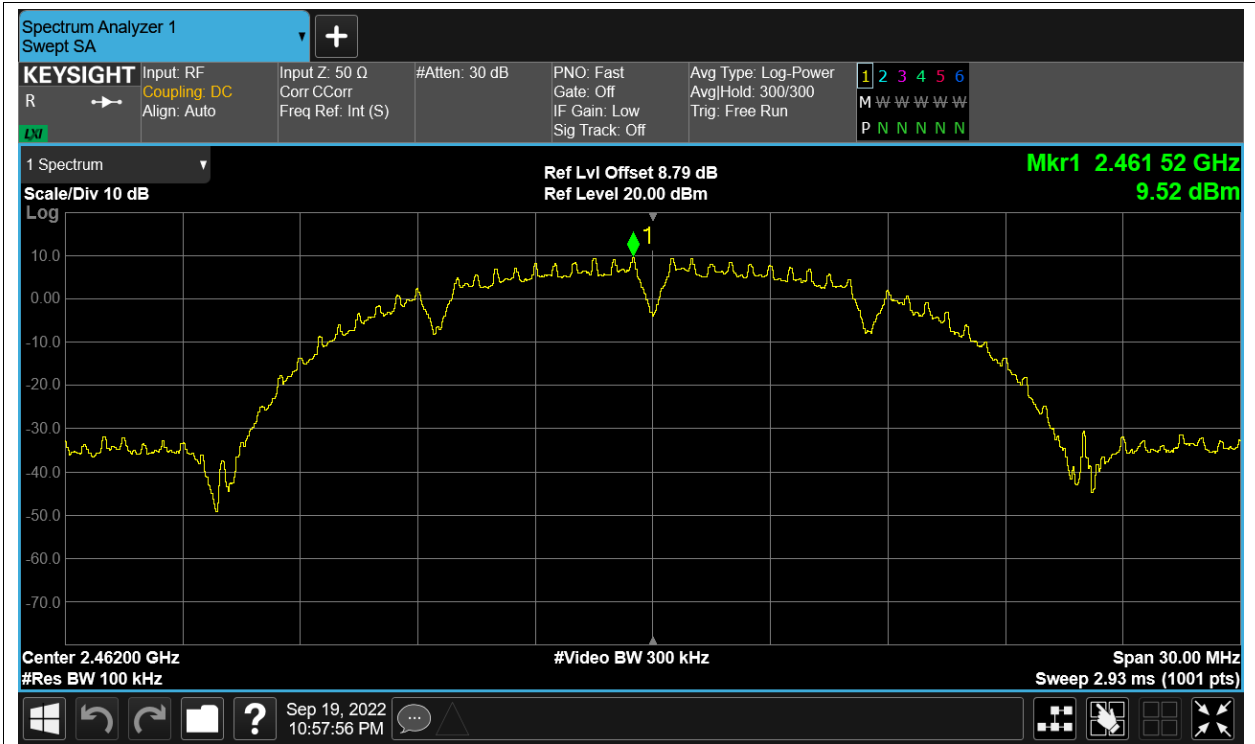
Band Edge NVNT b 2412MHz Ant2 Ref



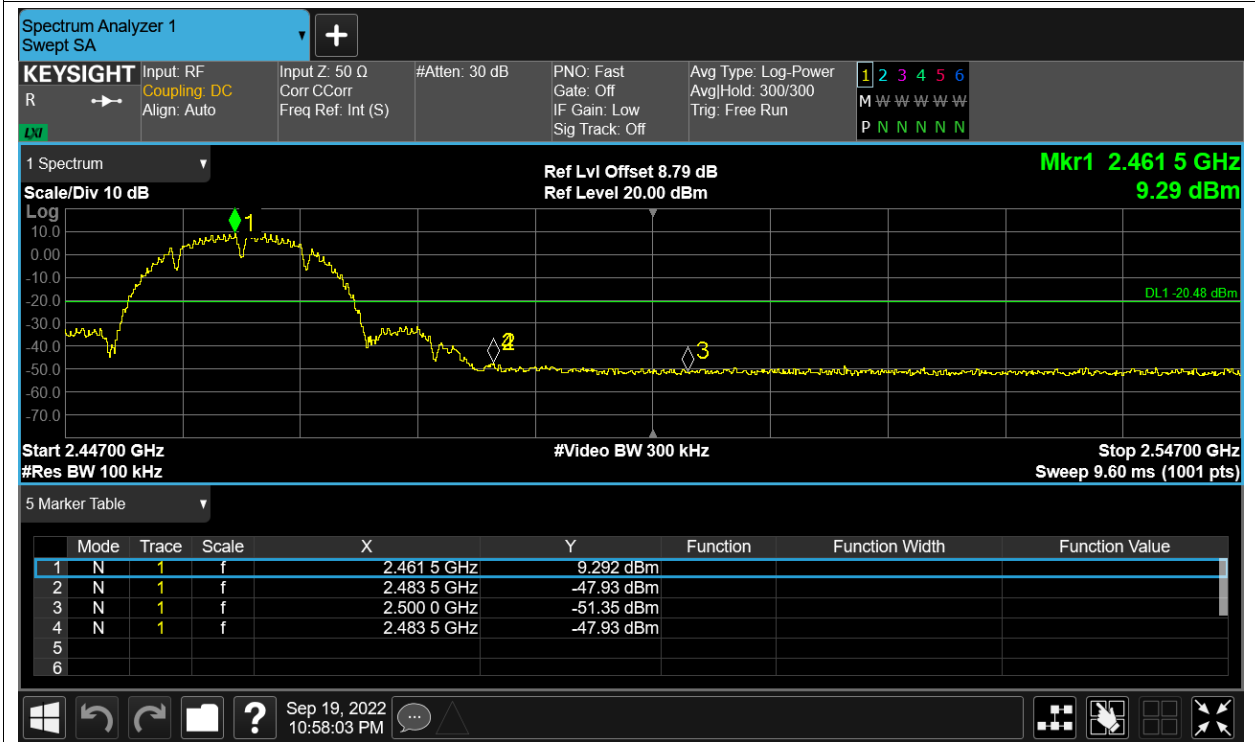
Band Edge NVNT b 2412MHz Ant2 Emission



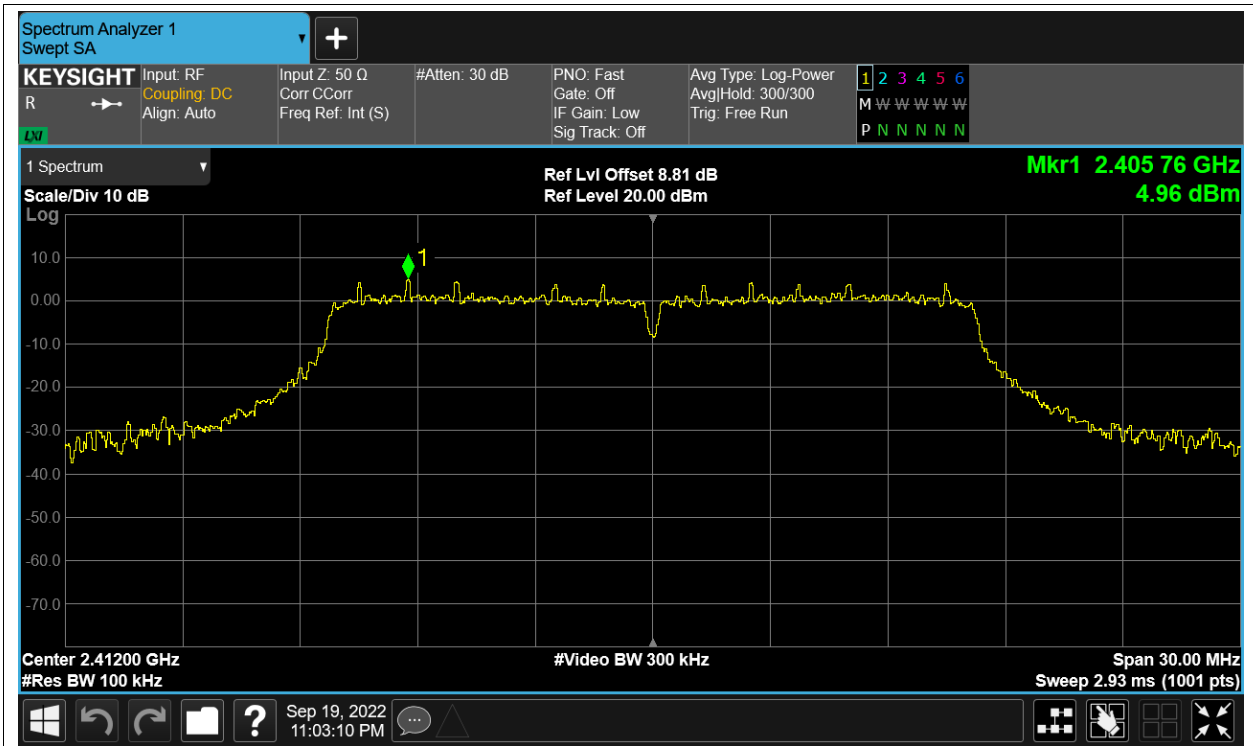
Band Edge NVNT b 2462MHz Ant2 Ref



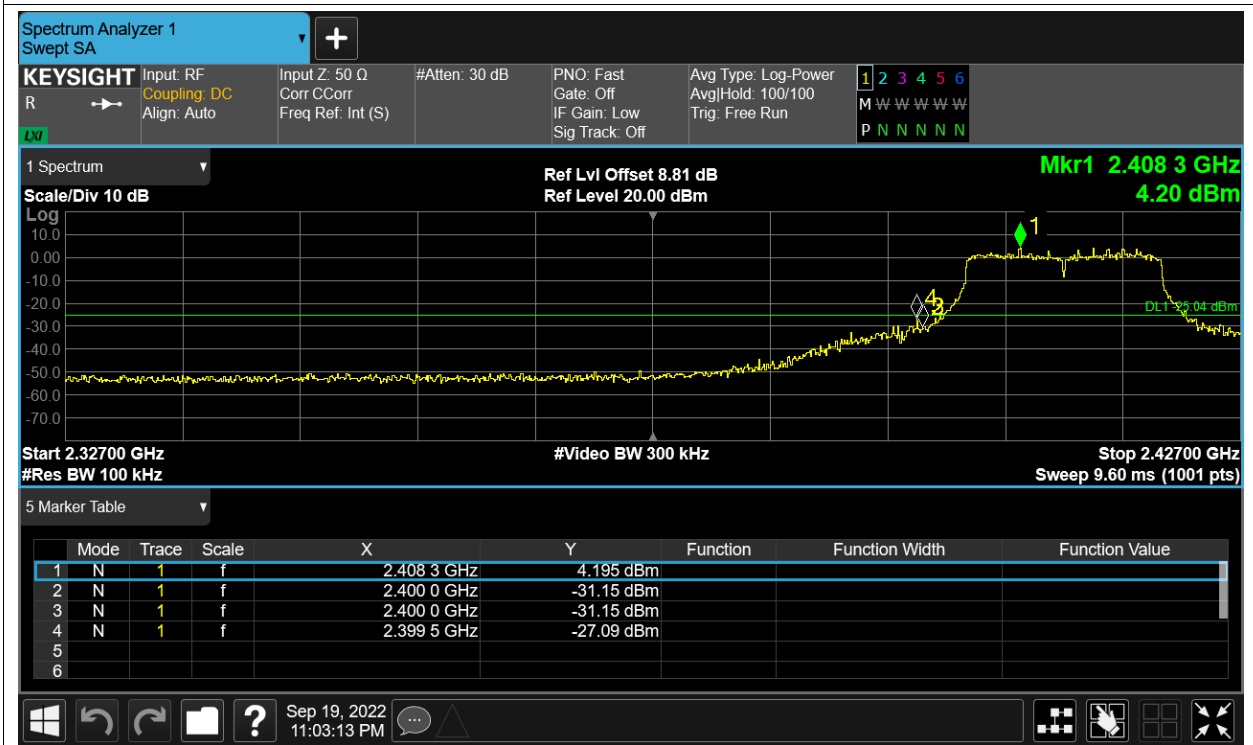
Band Edge NVNT b 2462MHz Ant2 Emission



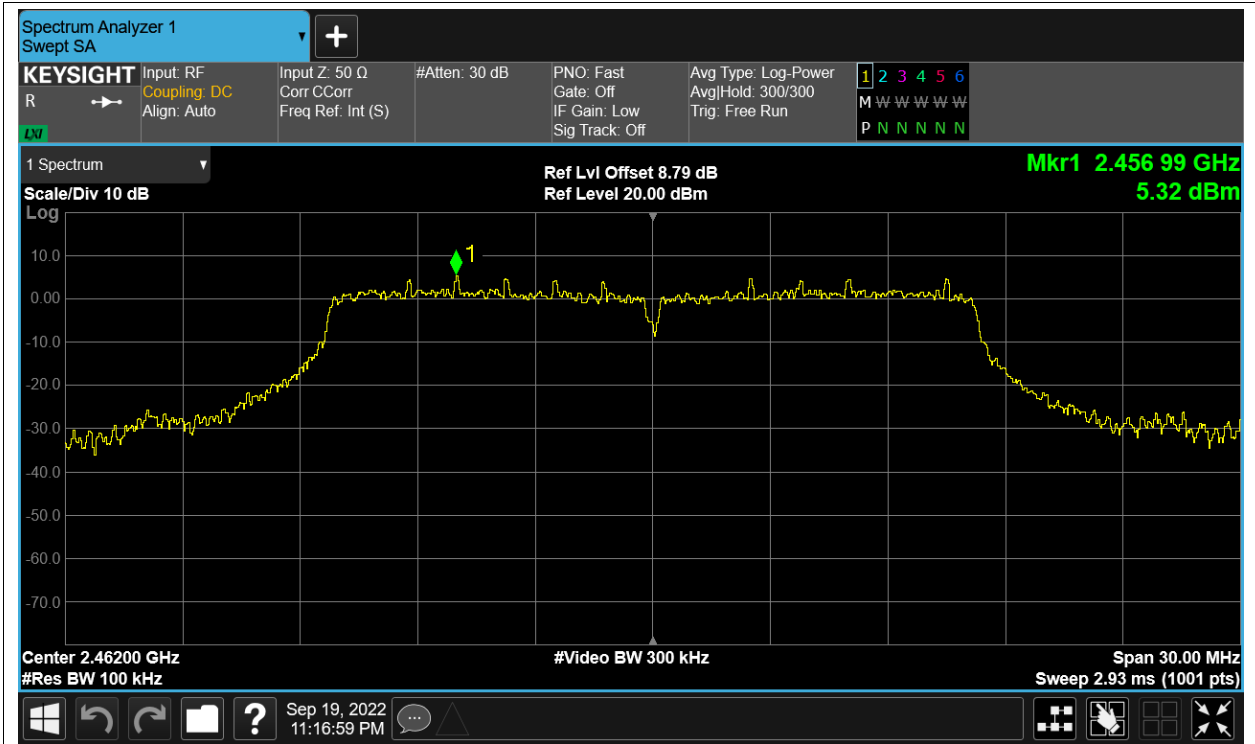
Band Edge NVNT g 2412MHz Ant2 Ref



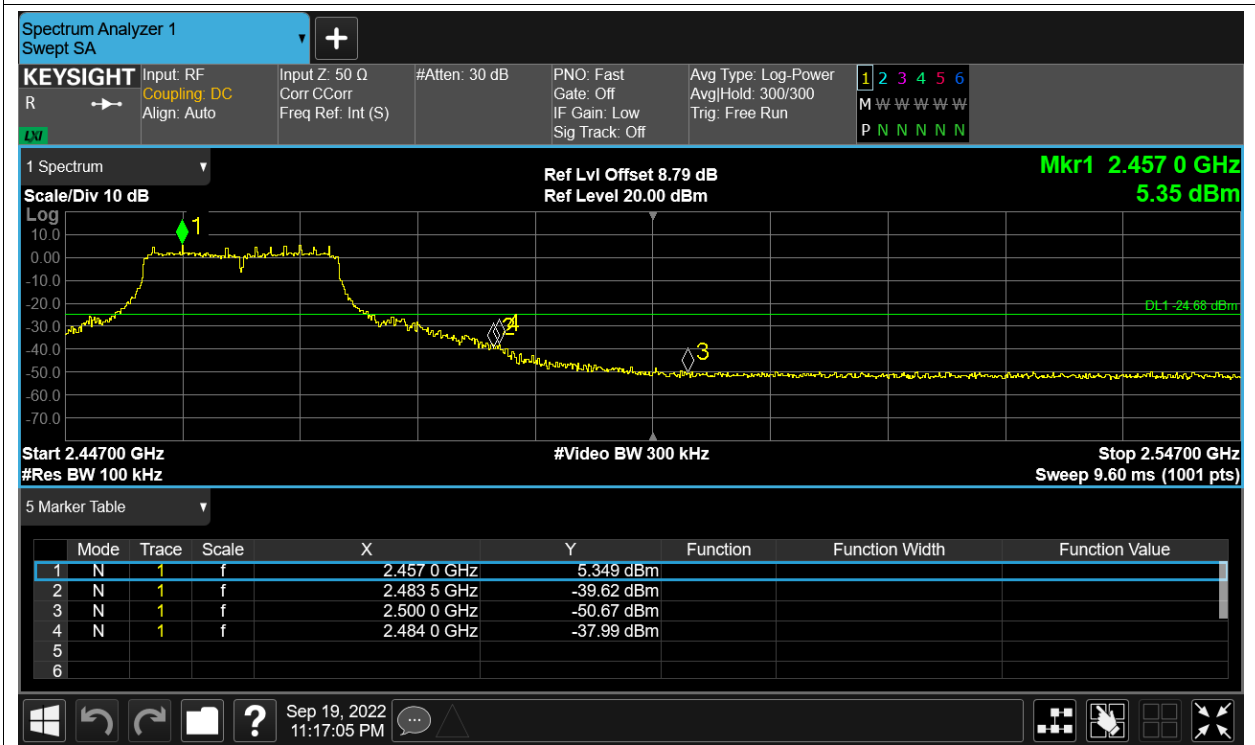
Band Edge NVNT g 2412MHz Ant2 Emission



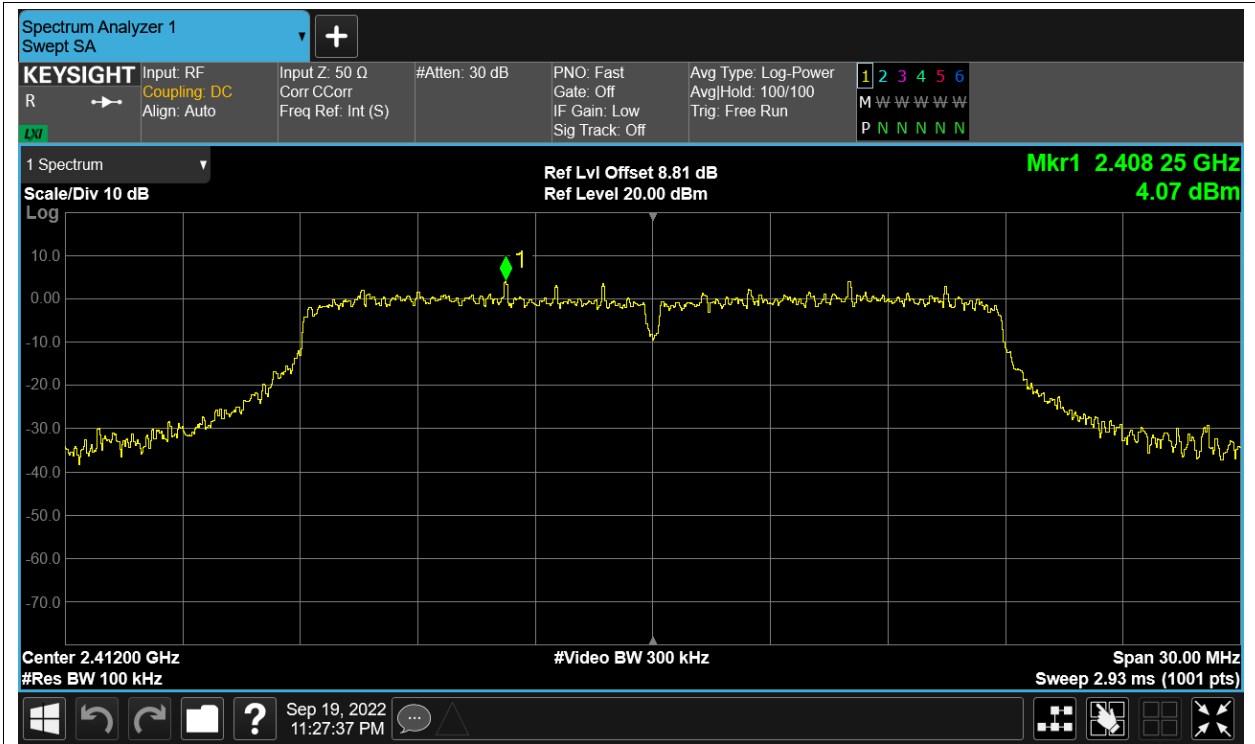
Band Edge NVNT g 2462MHz Ant2 Ref



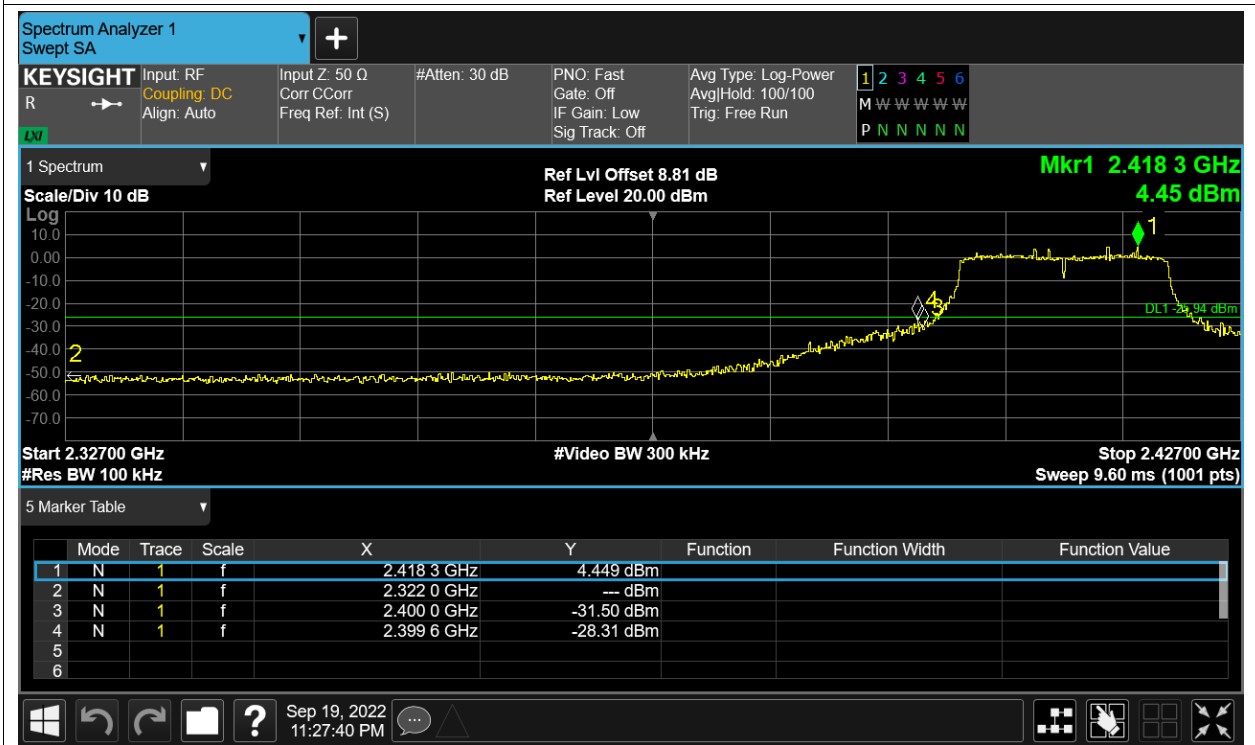
Band Edge NVNT g 2462MHz Ant2 Emission



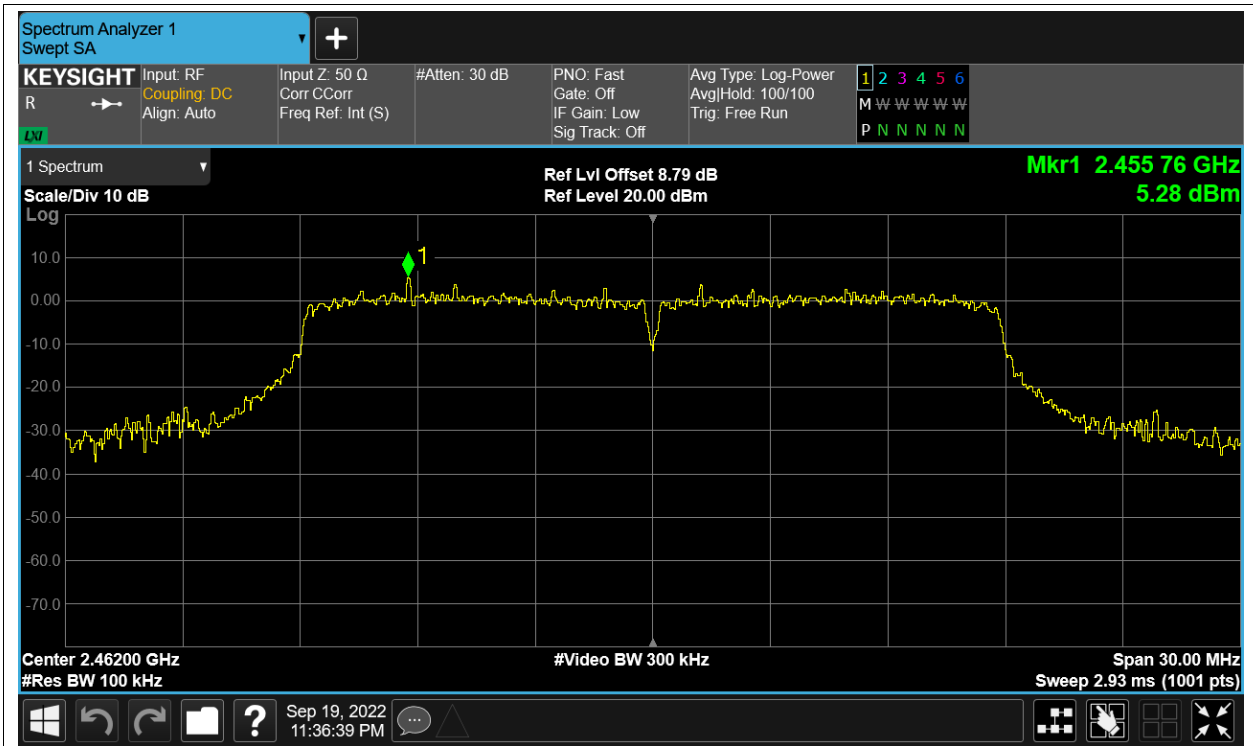
Band Edge NVNT n20 2412MHz Ant2 Ref



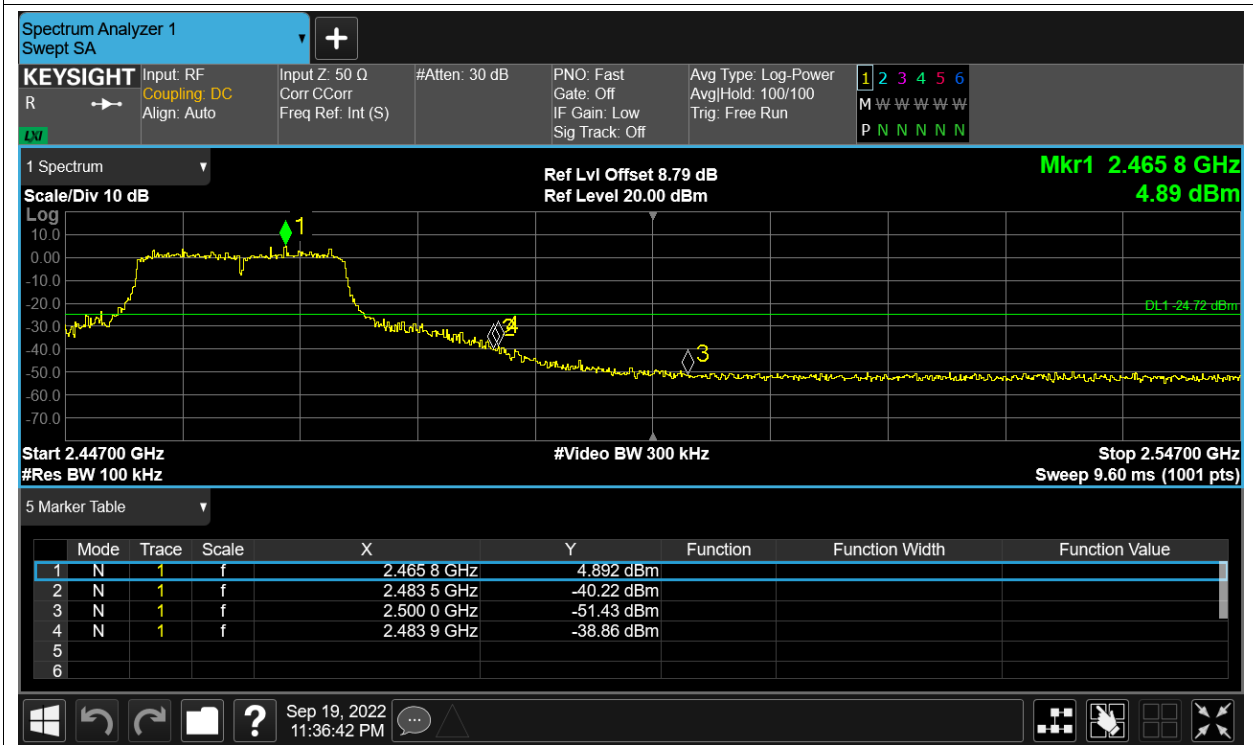
Band Edge NVNT n20 2412MHz Ant2 Emission



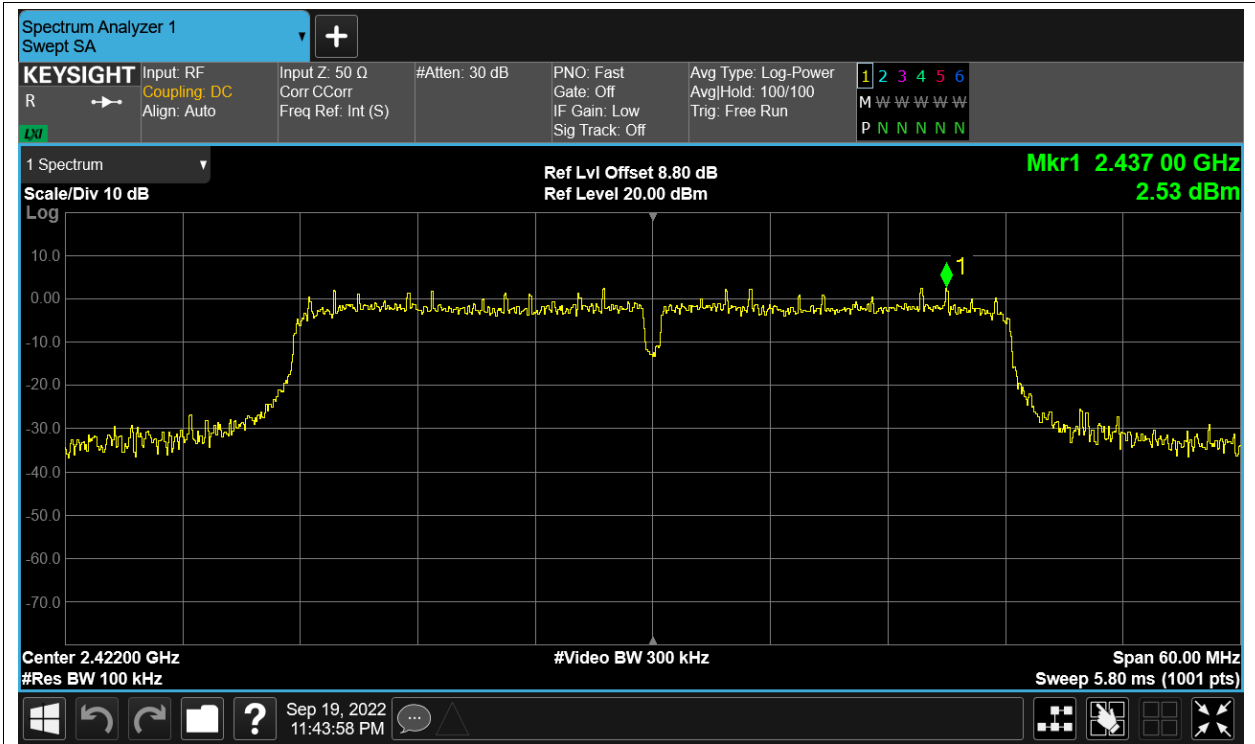
Band Edge NVNT n20 2462MHz Ant2 Ref



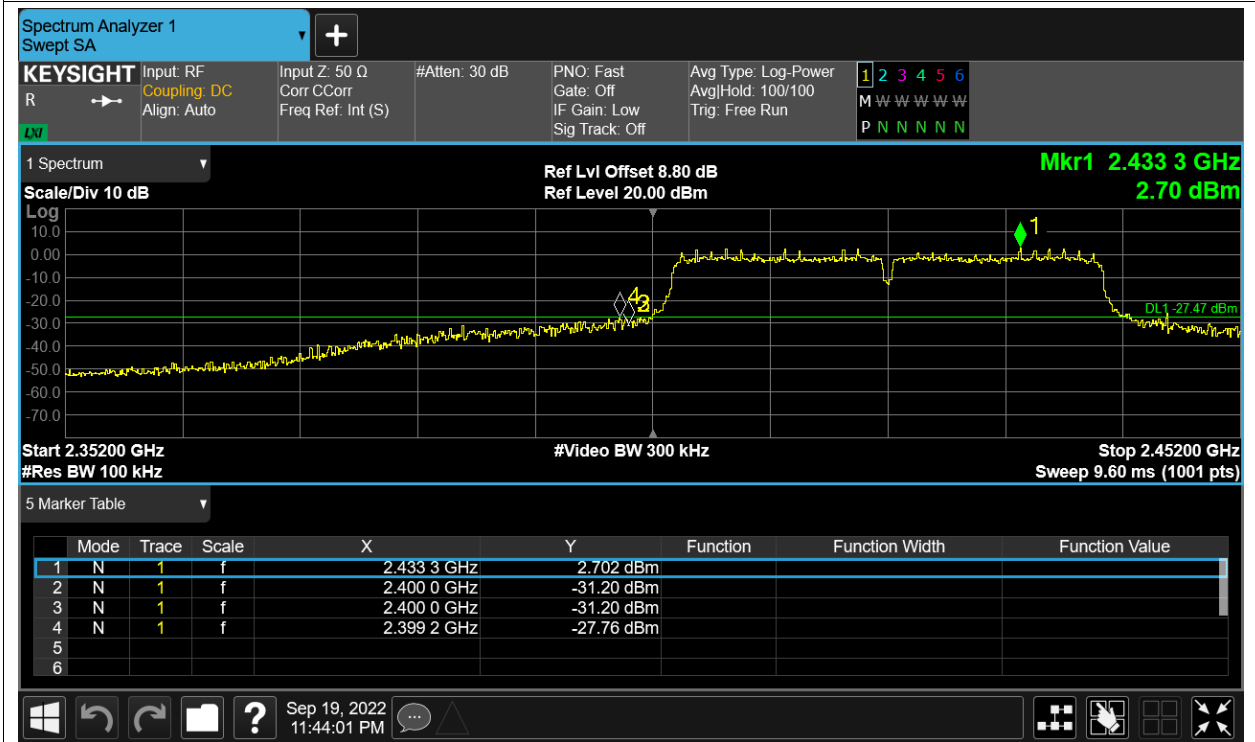
Band Edge NVNT n20 2462MHz Ant2 Emission



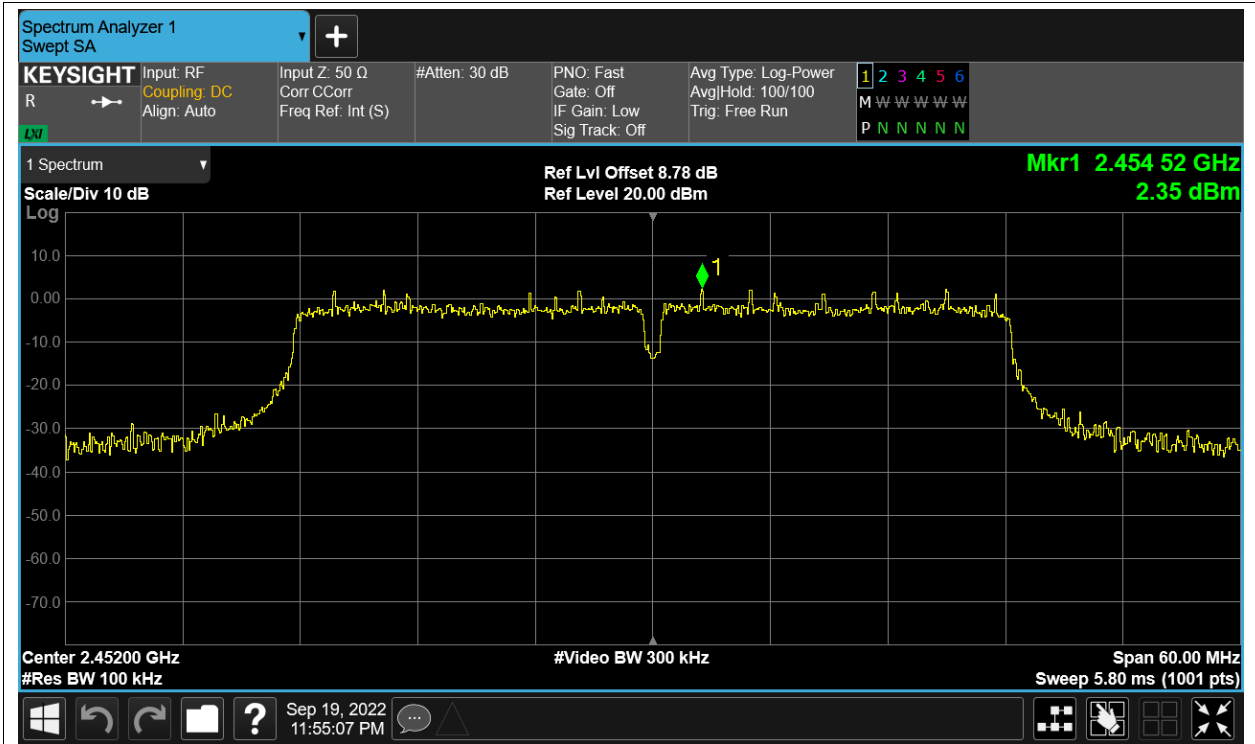
Band Edge NVNT n40 2422MHz Ant2 Ref



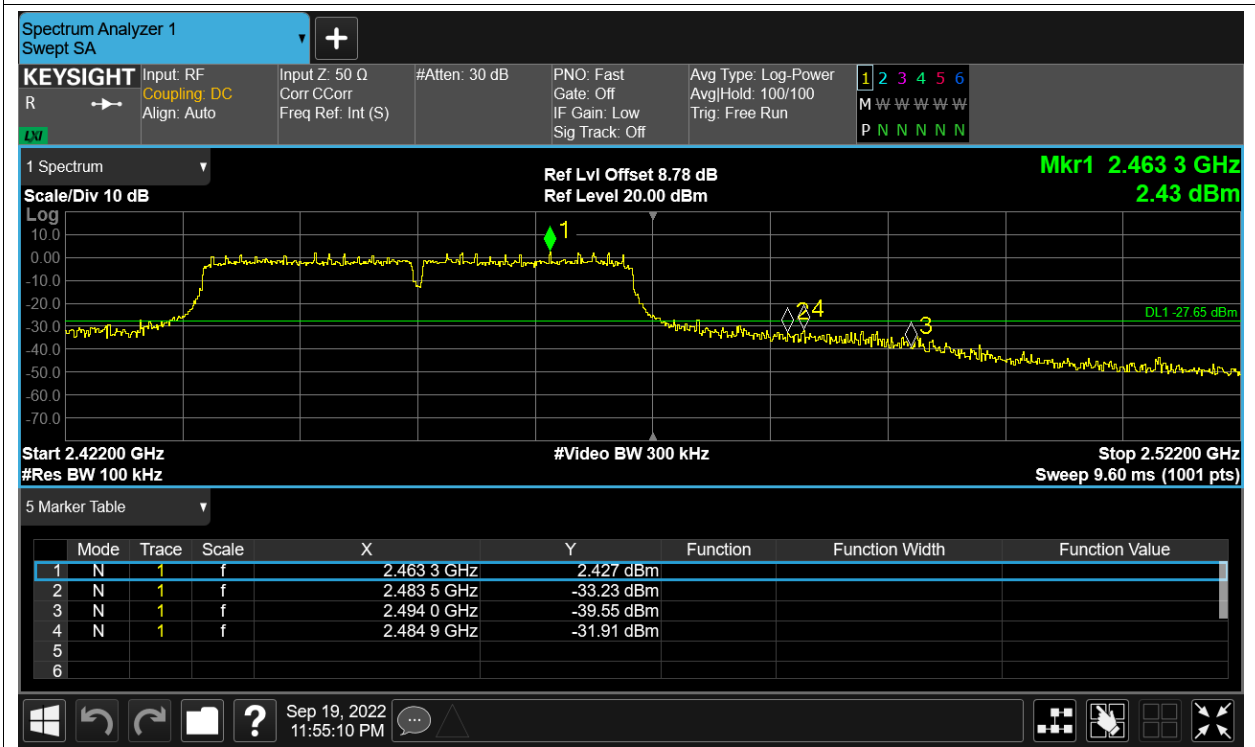
Band Edge NVNT n40 2422MHz Ant2 Emission



Band Edge NVNT n40 2452MHz Ant2 Ref



Band Edge NVNT n40 2452MHz Ant2 Emission

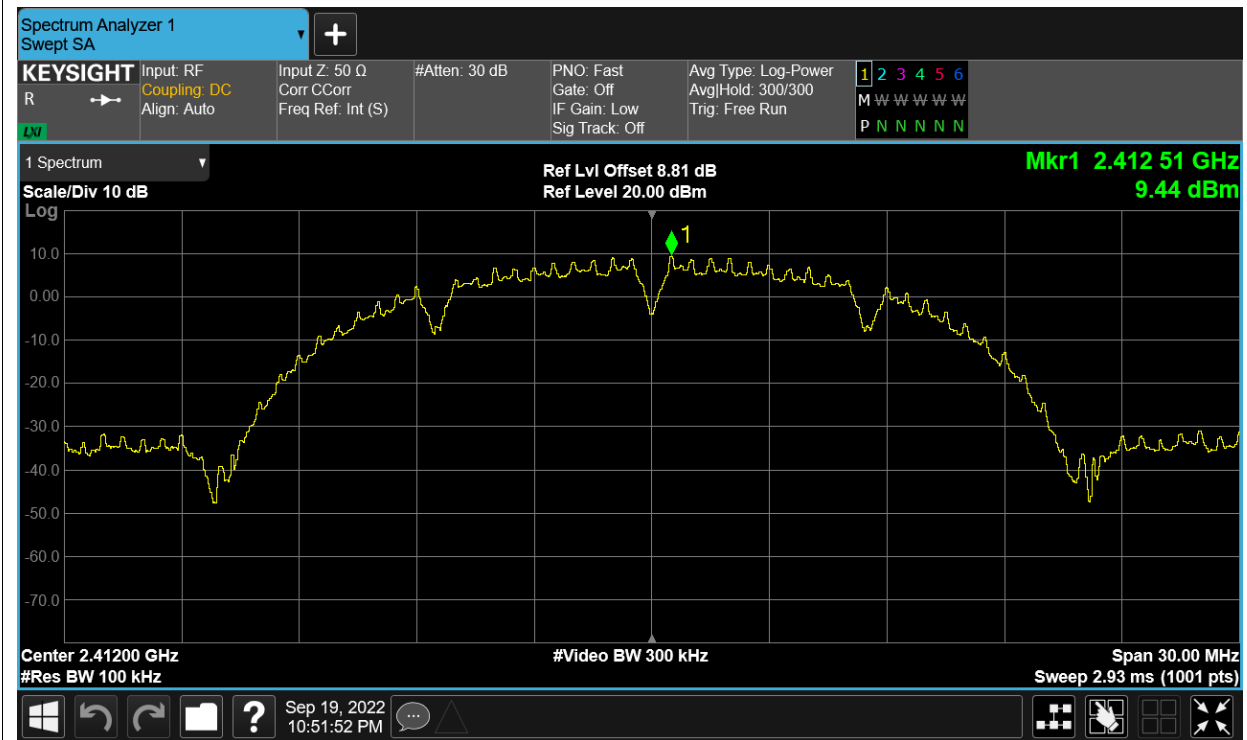


Conducted RF Spurious Emission

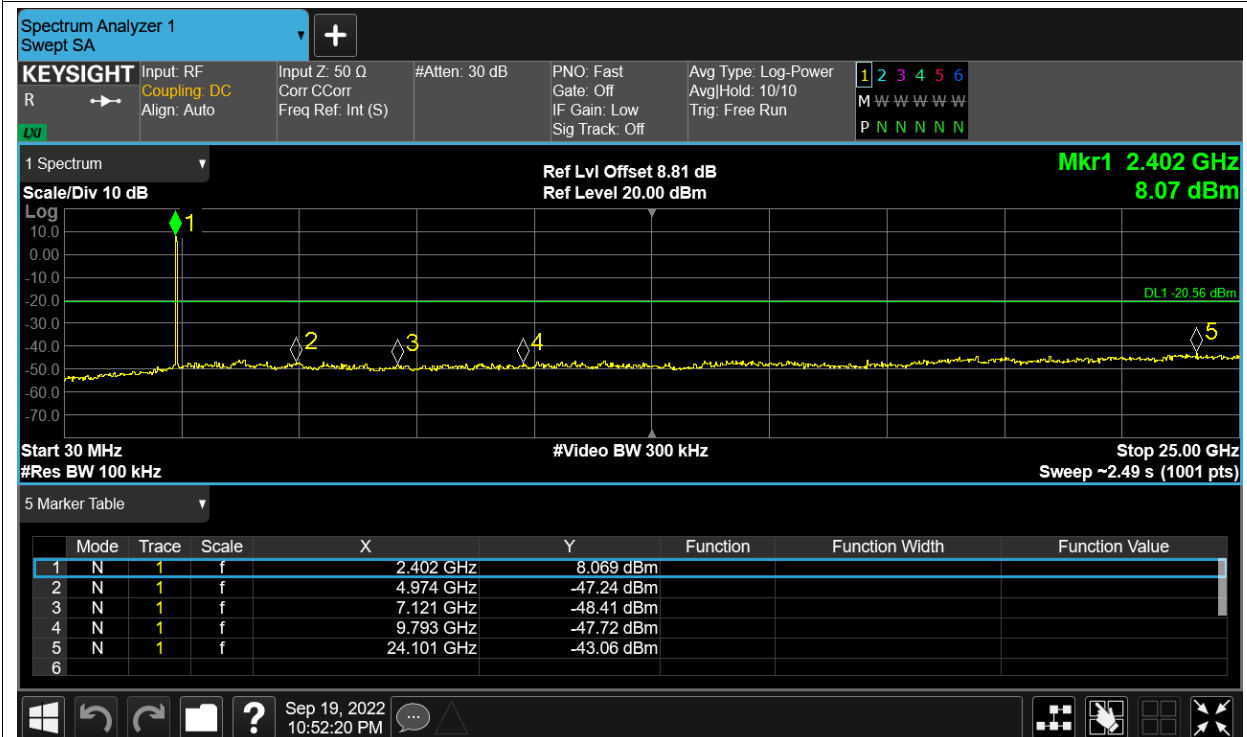
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant2	-52.49	-30	Pass
NVNT	b	2437	Ant2	-52.86	-30	Pass
NVNT	b	2462	Ant2	-52.51	-30	Pass
NVNT	g	2412	Ant2	-47.29	-30	Pass
NVNT	g	2437	Ant2	-48.76	-30	Pass
NVNT	g	2462	Ant2	-48.45	-30	Pass
NVNT	n20	2412	Ant2	-48.37	-30	Pass
NVNT	n20	2437	Ant2	-47.12	-30	Pass
NVNT	n20	2462	Ant2	-54	-30	Pass
NVNT	n40	2422	Ant2	-45.89	-30	Pass
NVNT	n40	2437	Ant2	-46.01	-30	Pass
NVNT	n40	2452	Ant2	-35.9	-30	Pass

Test Graphs

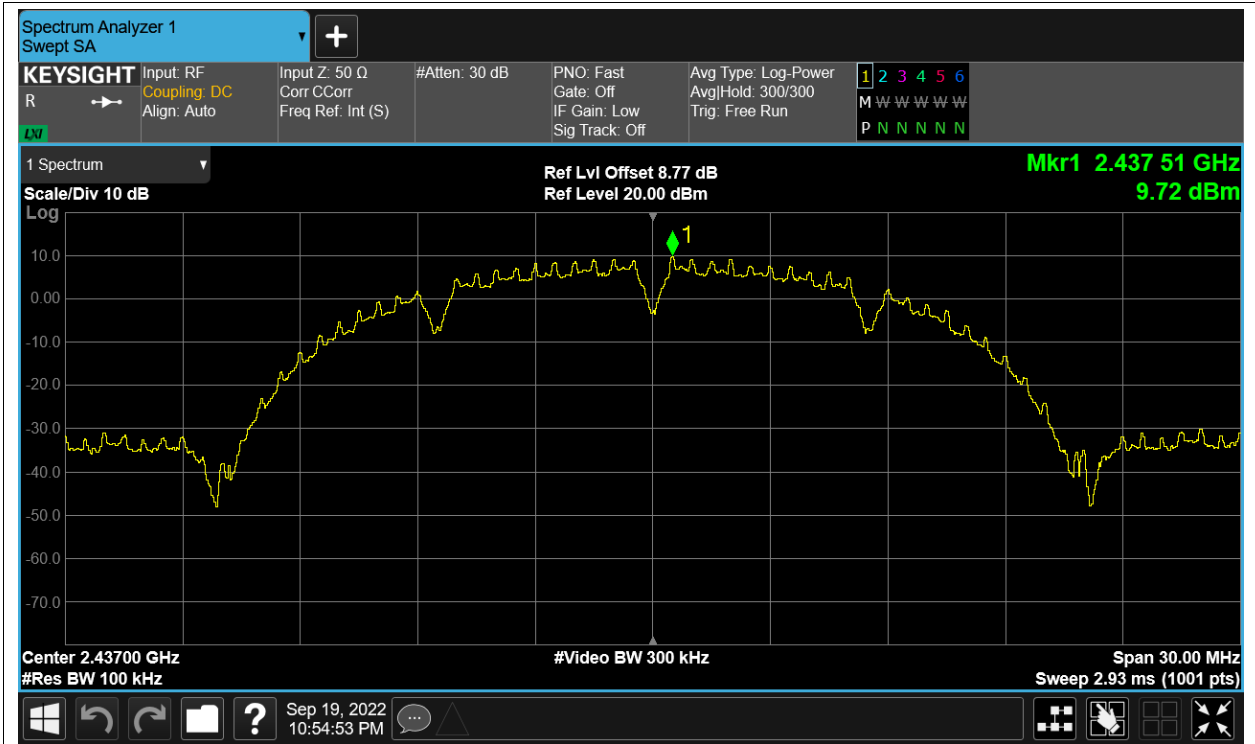
Tx. Spurious NVNT b 2412MHz Ant2 Ref



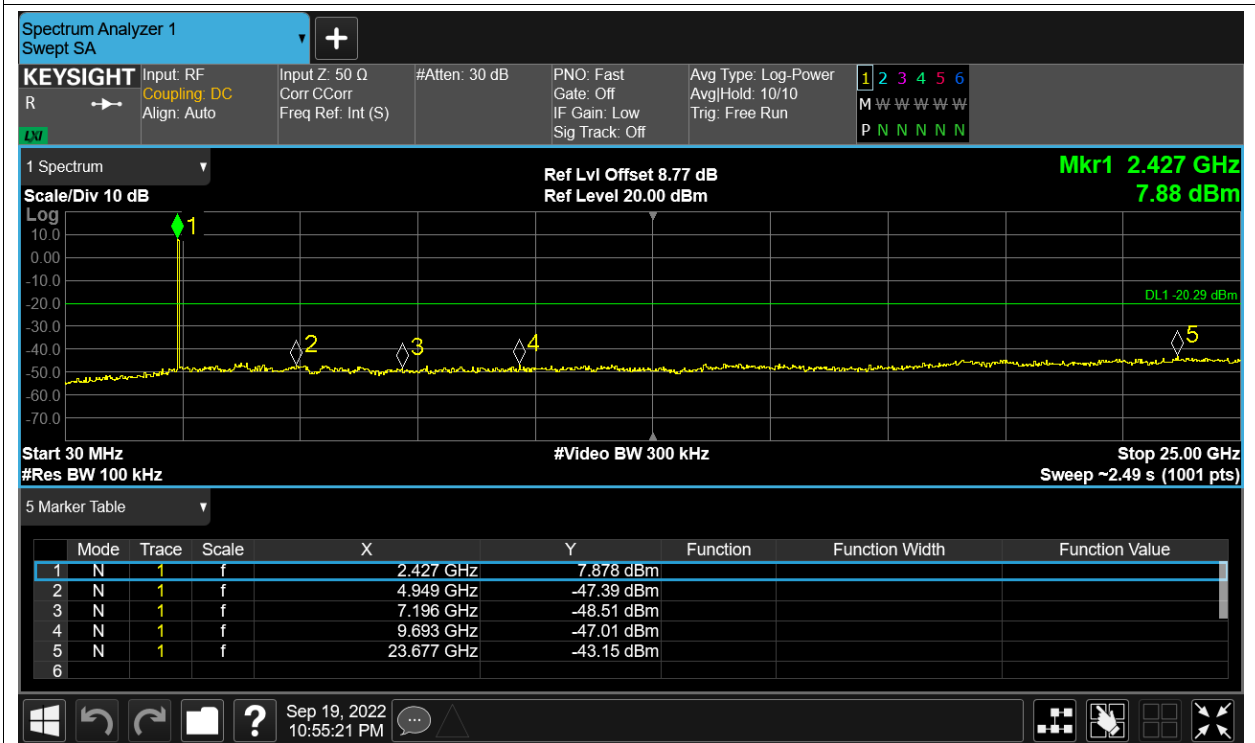
Tx. Spurious NVNT b 2412MHz Ant2 Emission



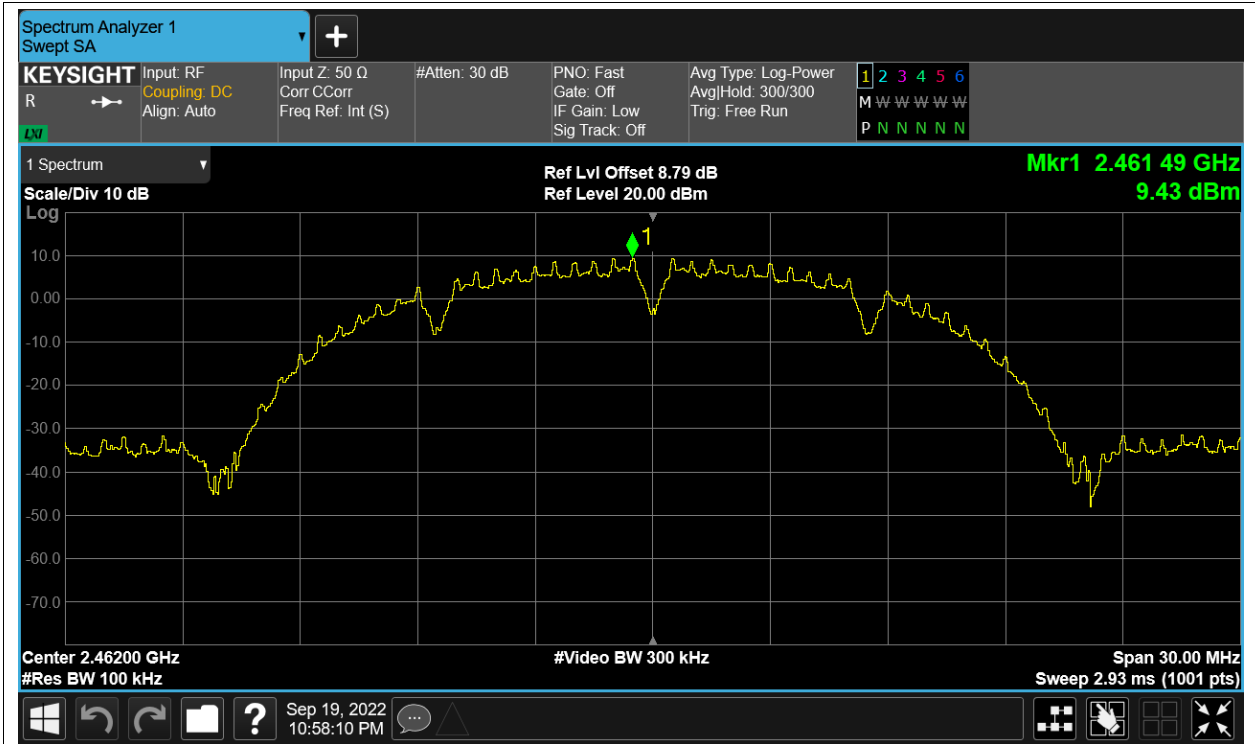
Tx. Spurious NVNT b 2437MHz Ant2 Ref



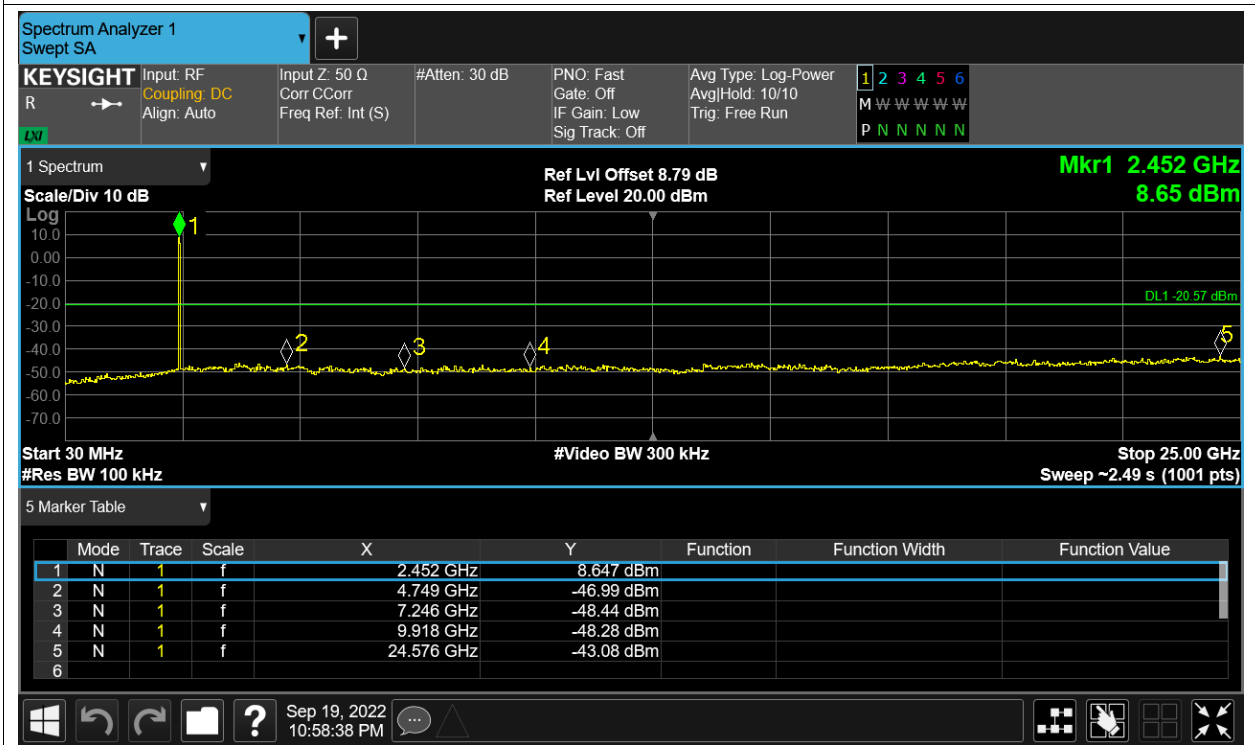
Tx. Spurious NVNT b 2437MHz Ant2 Emission



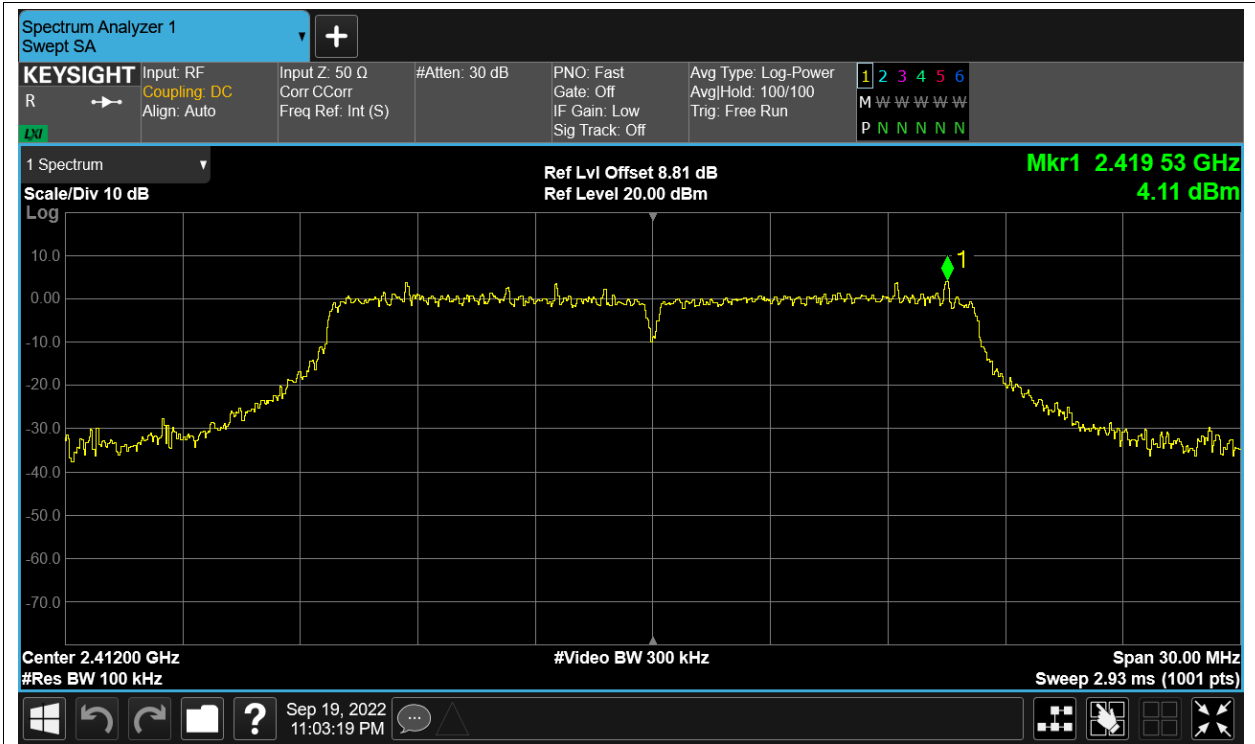
Tx. Spurious NVNT b 2462MHz Ant2 Ref



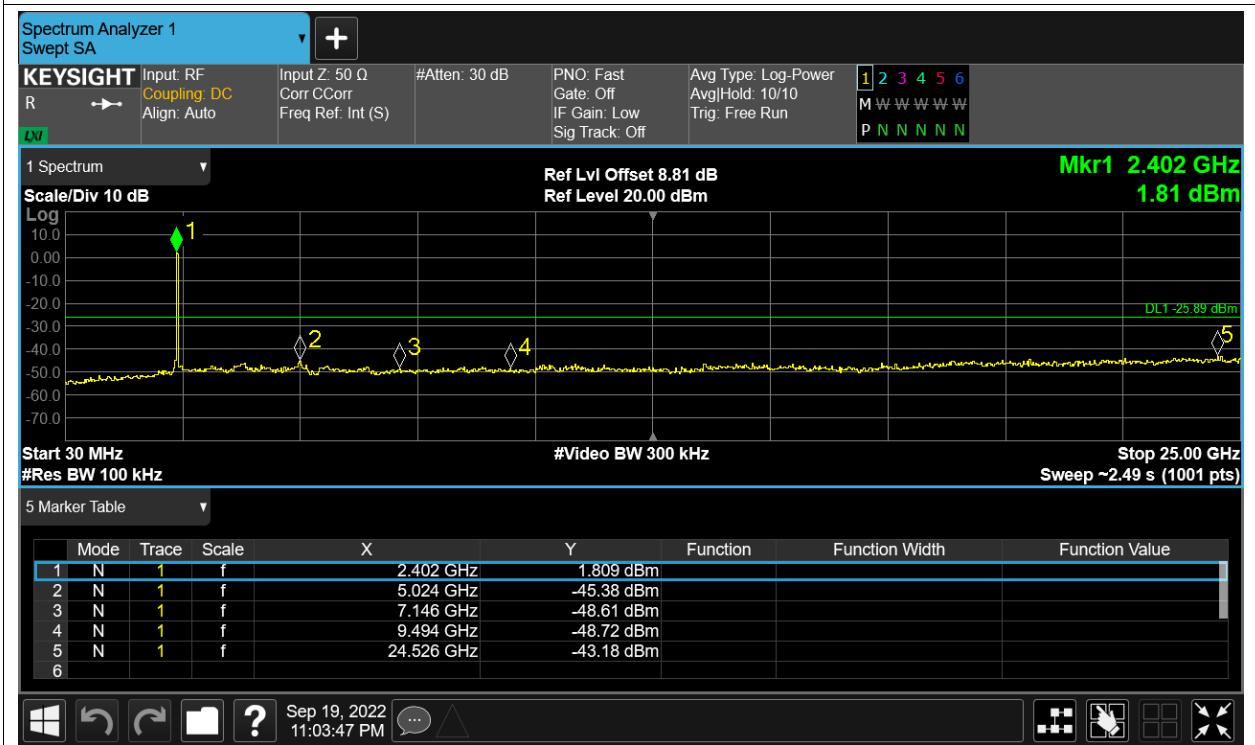
Tx. Spurious NVNT b 2462MHz Ant2 Emission



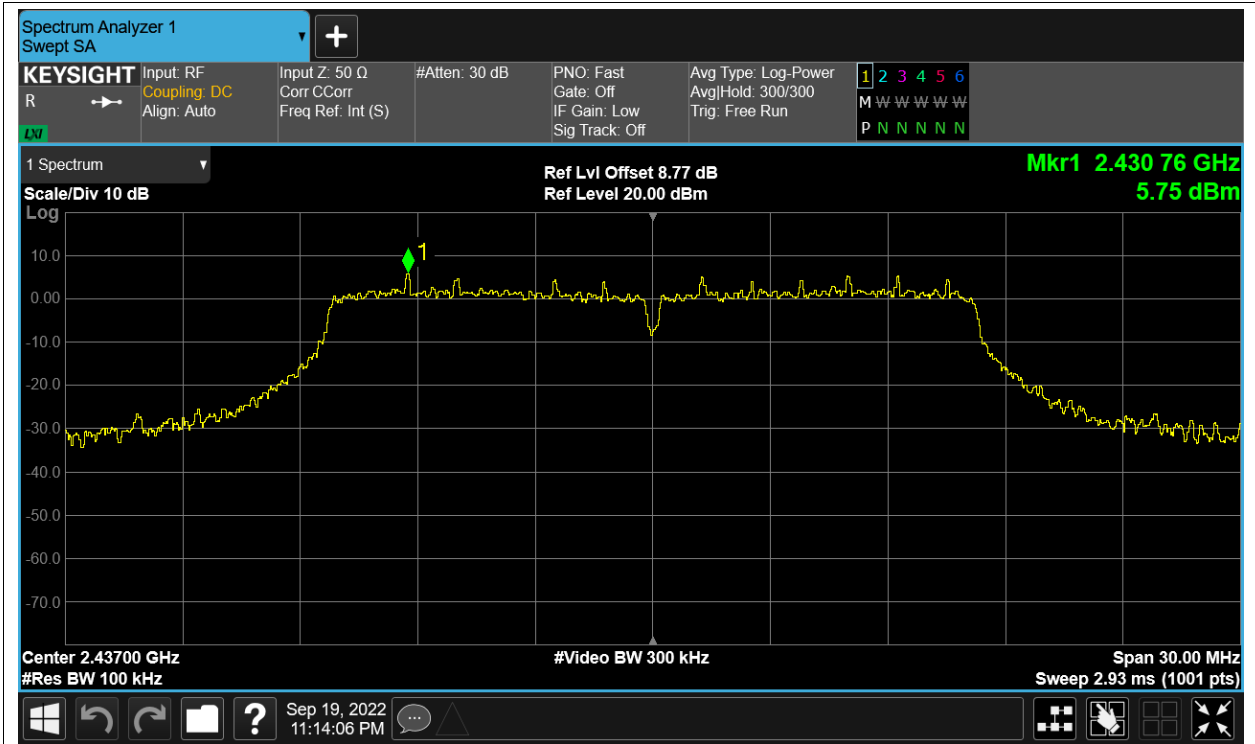
Tx. Spurious NVNT g 2412MHz Ant2 Ref



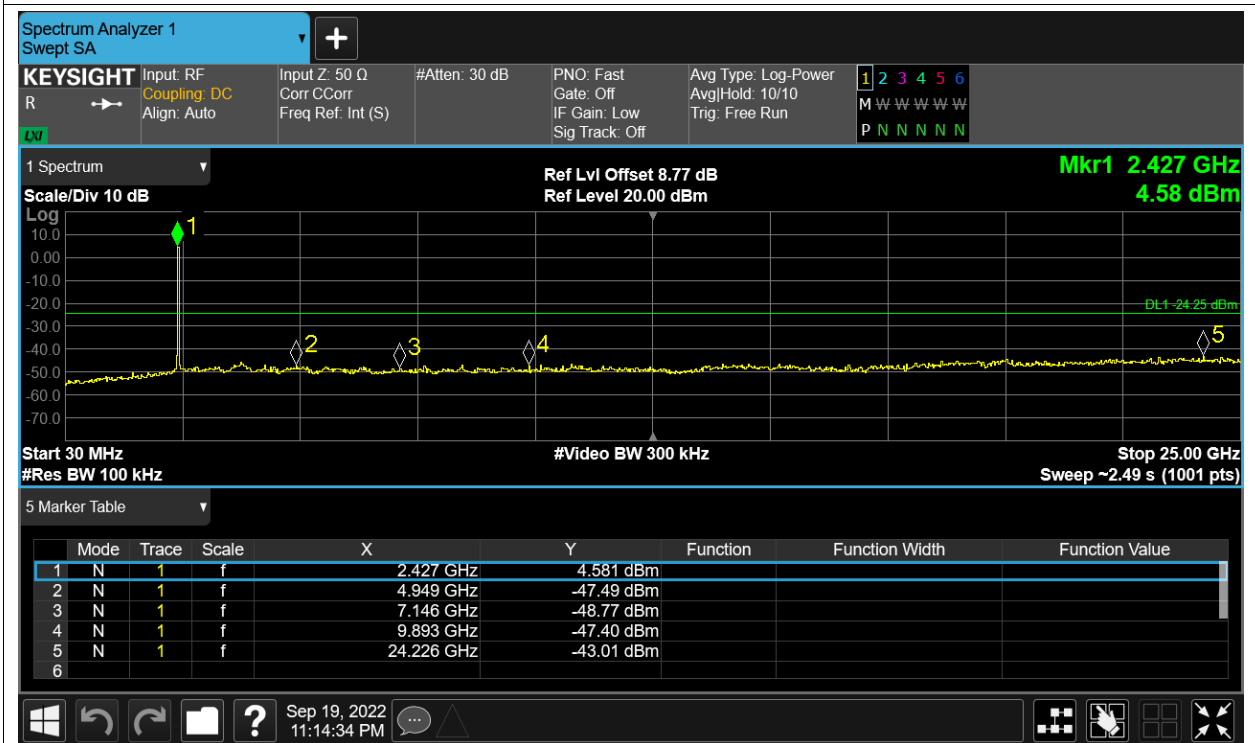
Tx. Spurious NVNT g 2412MHz Ant2 Emission



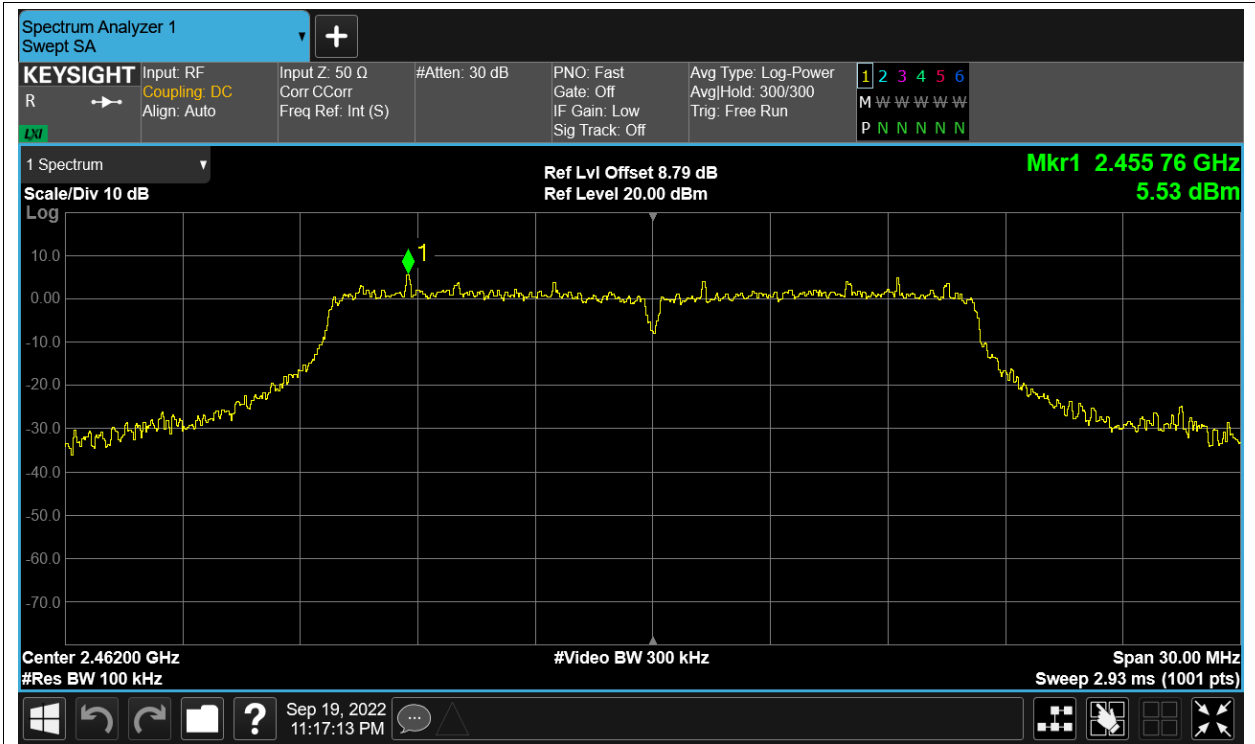
Tx. Spurious NVNT g 2437MHz Ant2 Ref



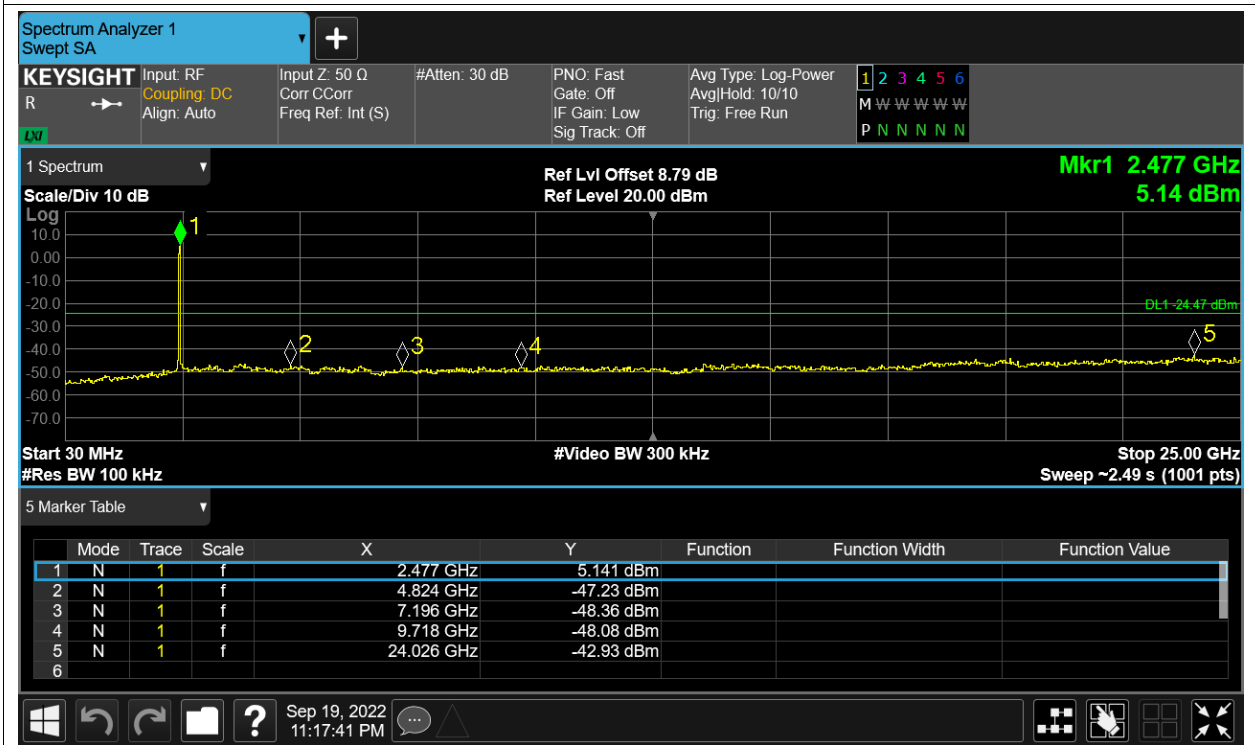
Tx. Spurious NVNT g 2437MHz Ant2 Emission



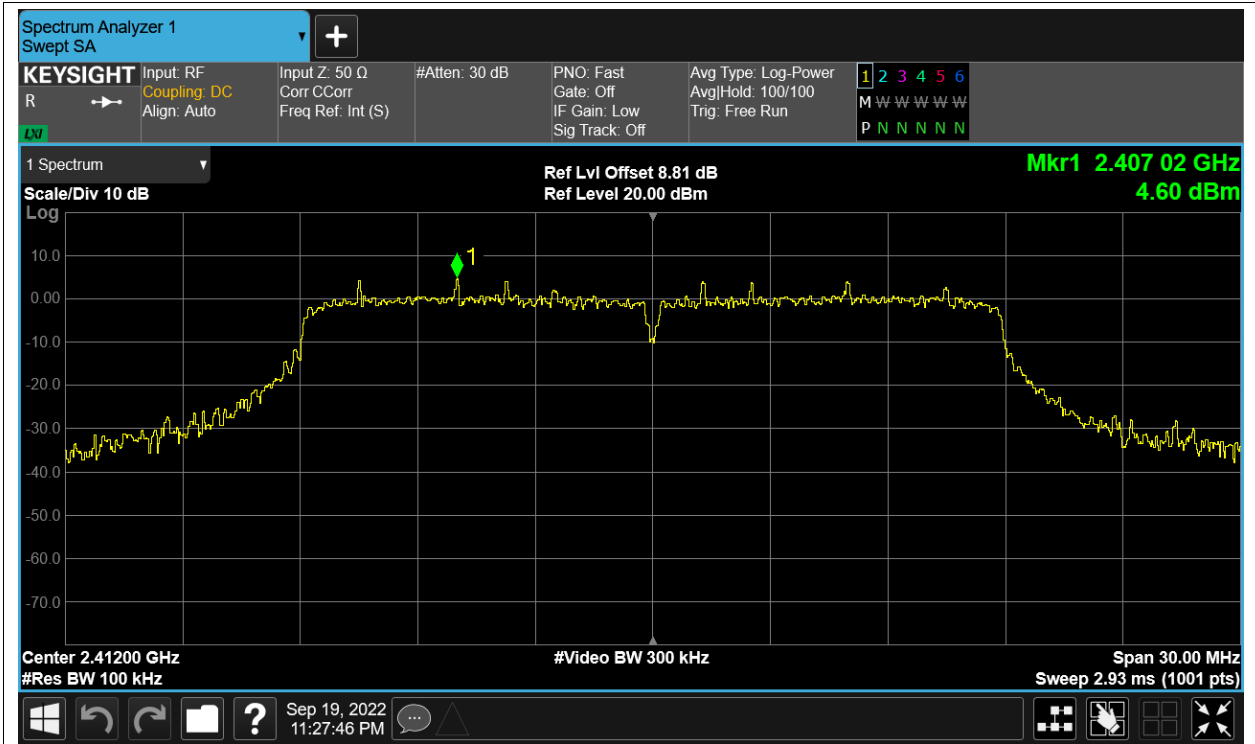
Tx. Spurious NVNT g 2462MHz Ant2 Ref



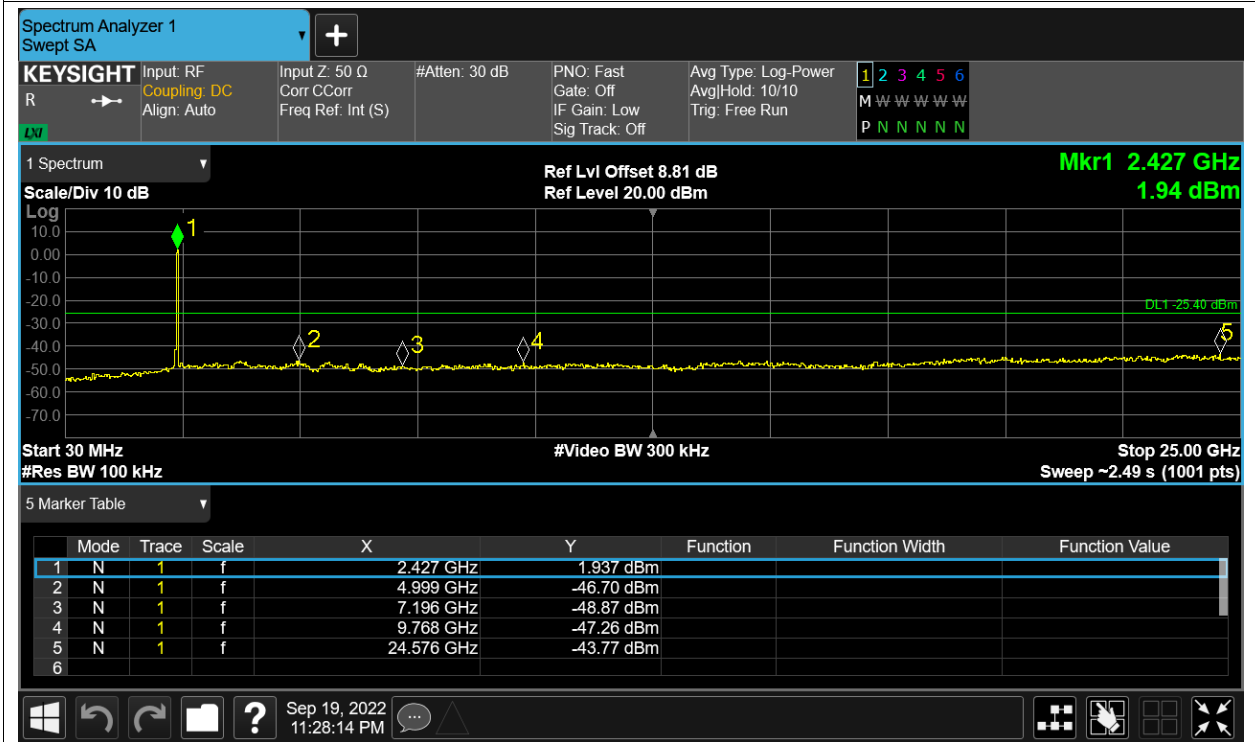
Tx. Spurious NVNT g 2462MHz Ant2 Emission



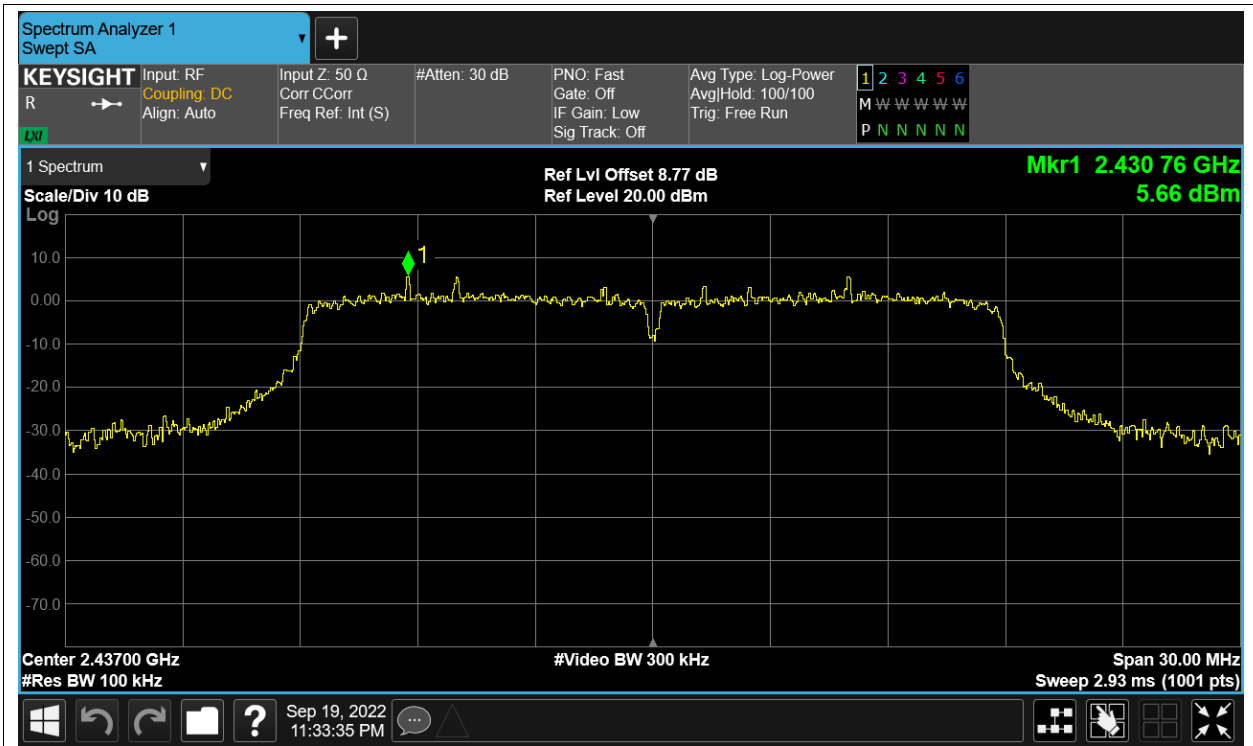
Tx. Spurious NVNT n20 2412MHz Ant2 Ref



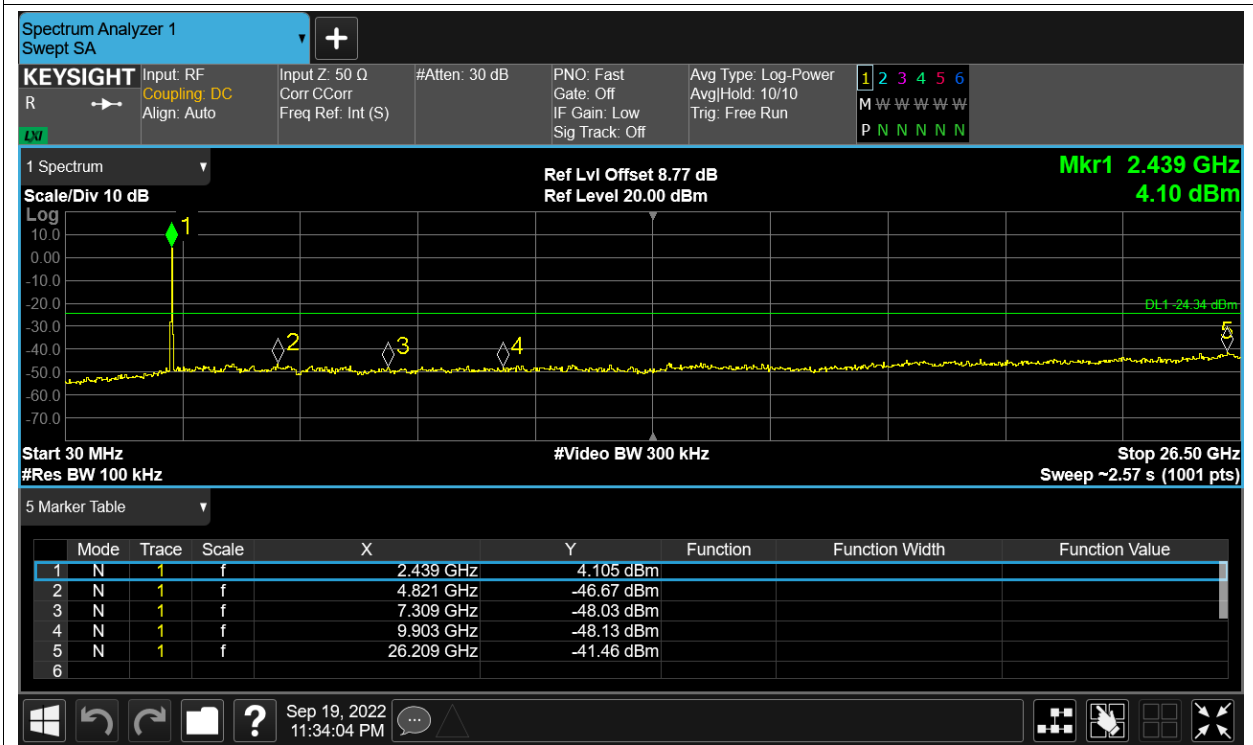
Tx. Spurious NVNT n20 2412MHz Ant2 Emission



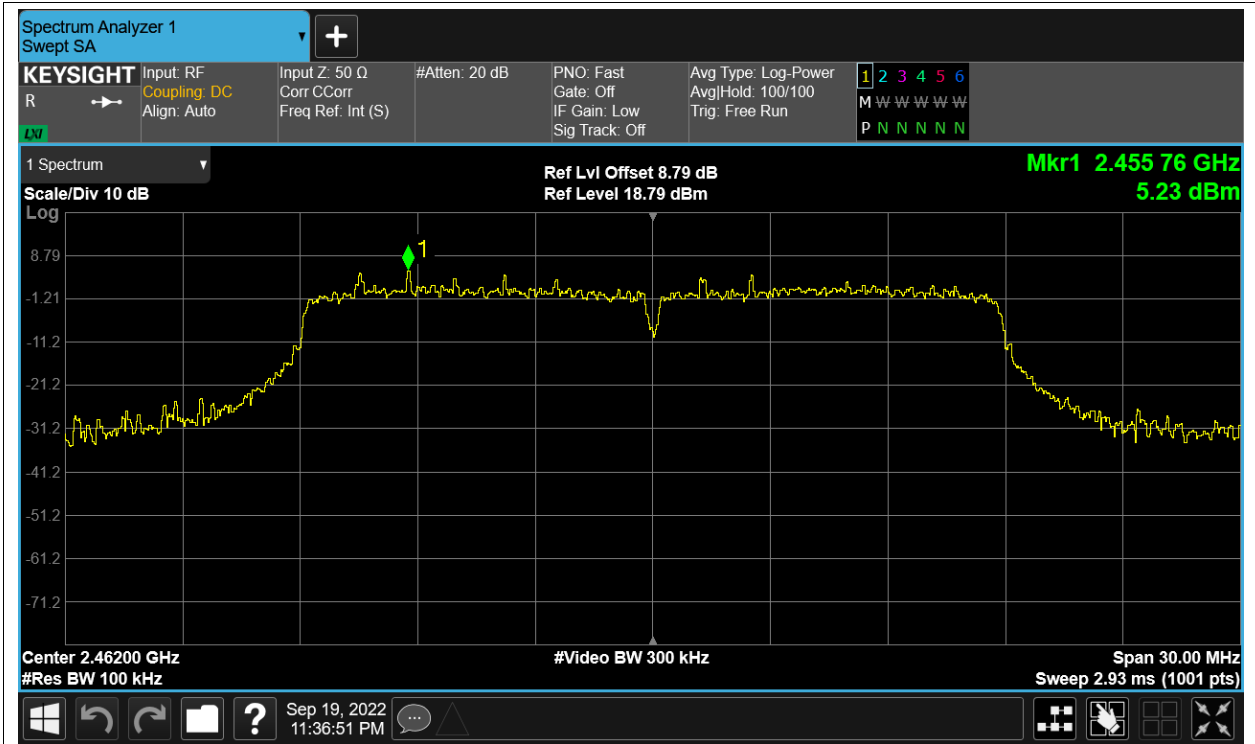
Tx. Spurious NVNT n20 2437MHz Ant2 Ref



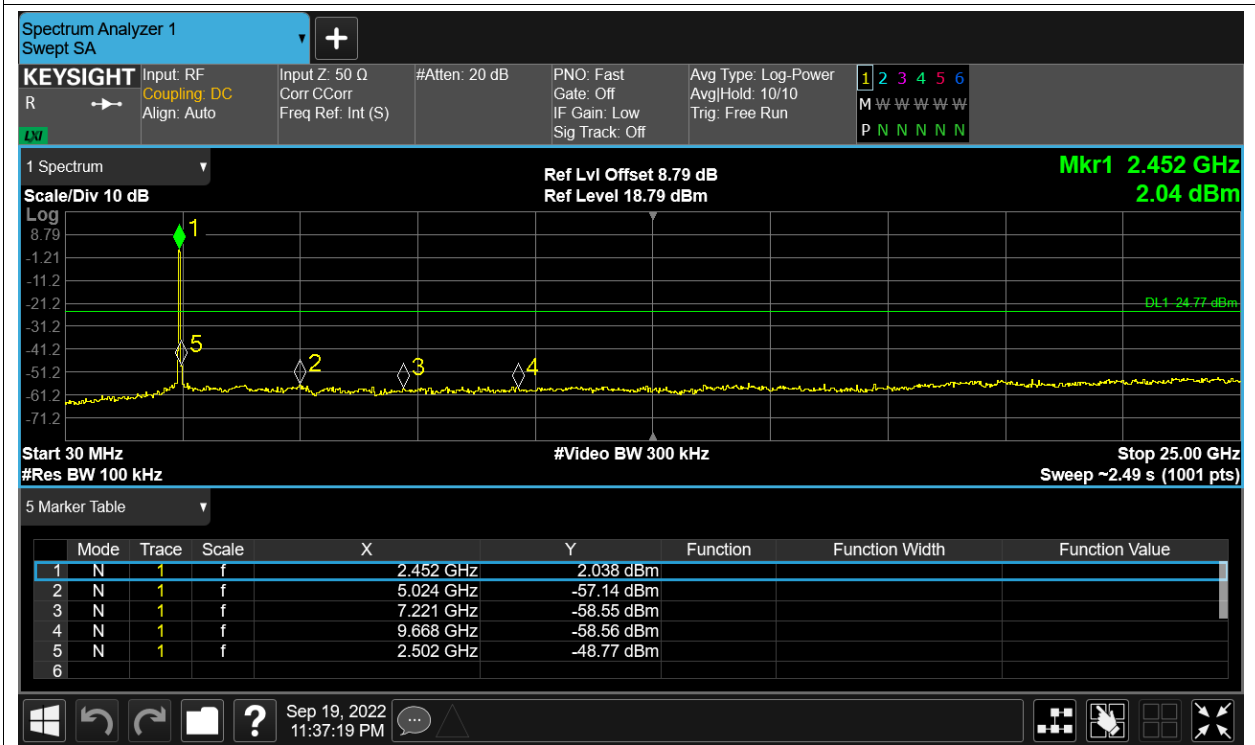
Tx. Spurious NVNT n20 2437MHz Ant2 Emission



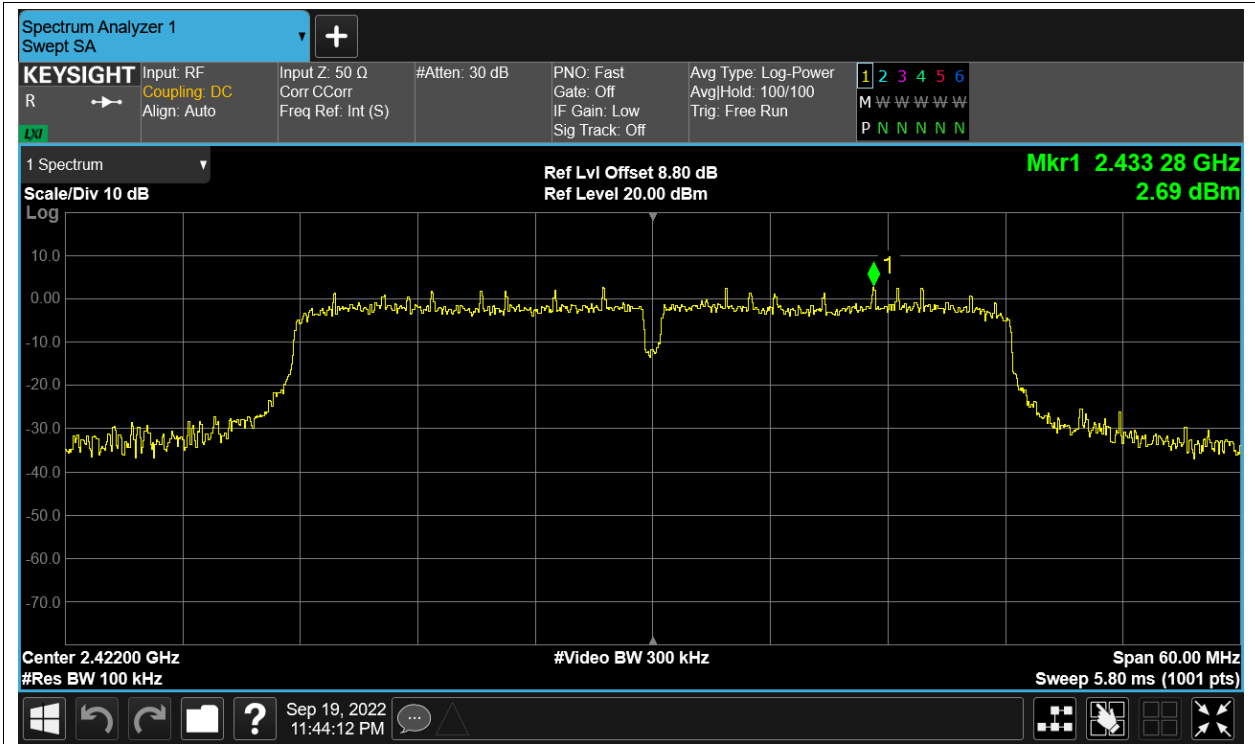
Tx. Spurious NVNT n20 2462MHz Ant2 Ref



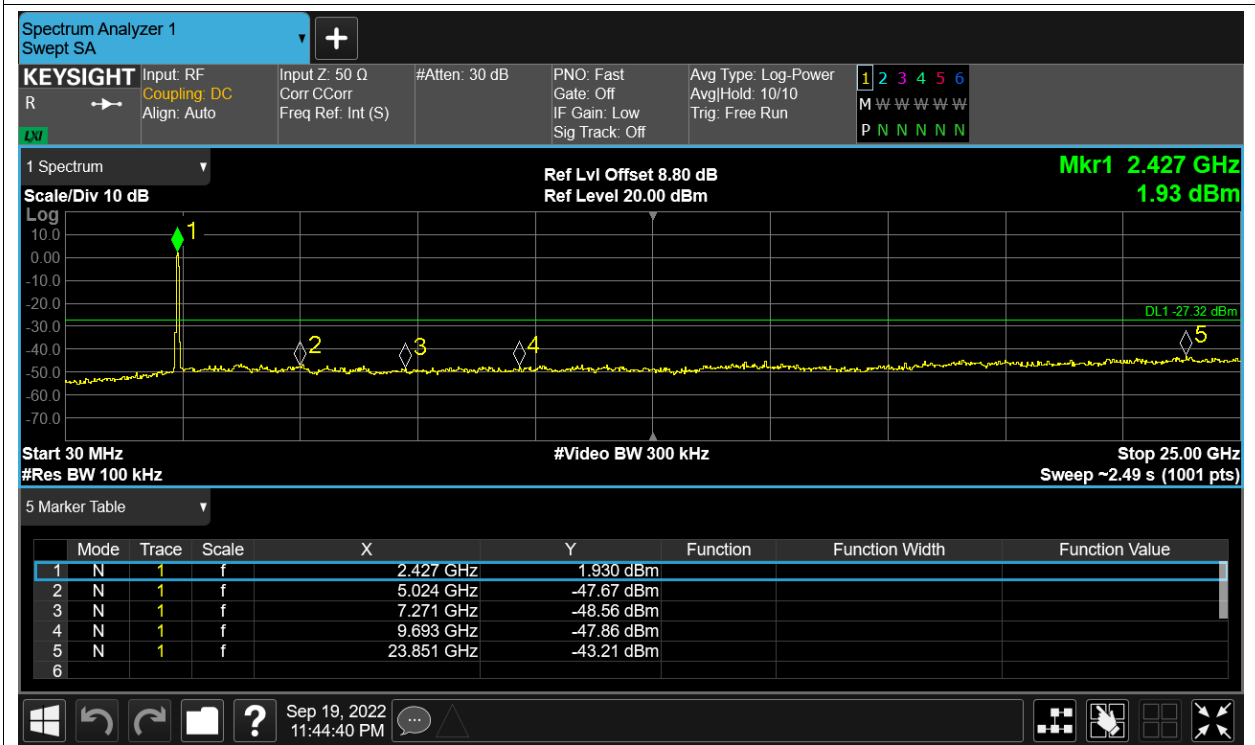
Tx. Spurious NVNT n20 2462MHz Ant2 Emission



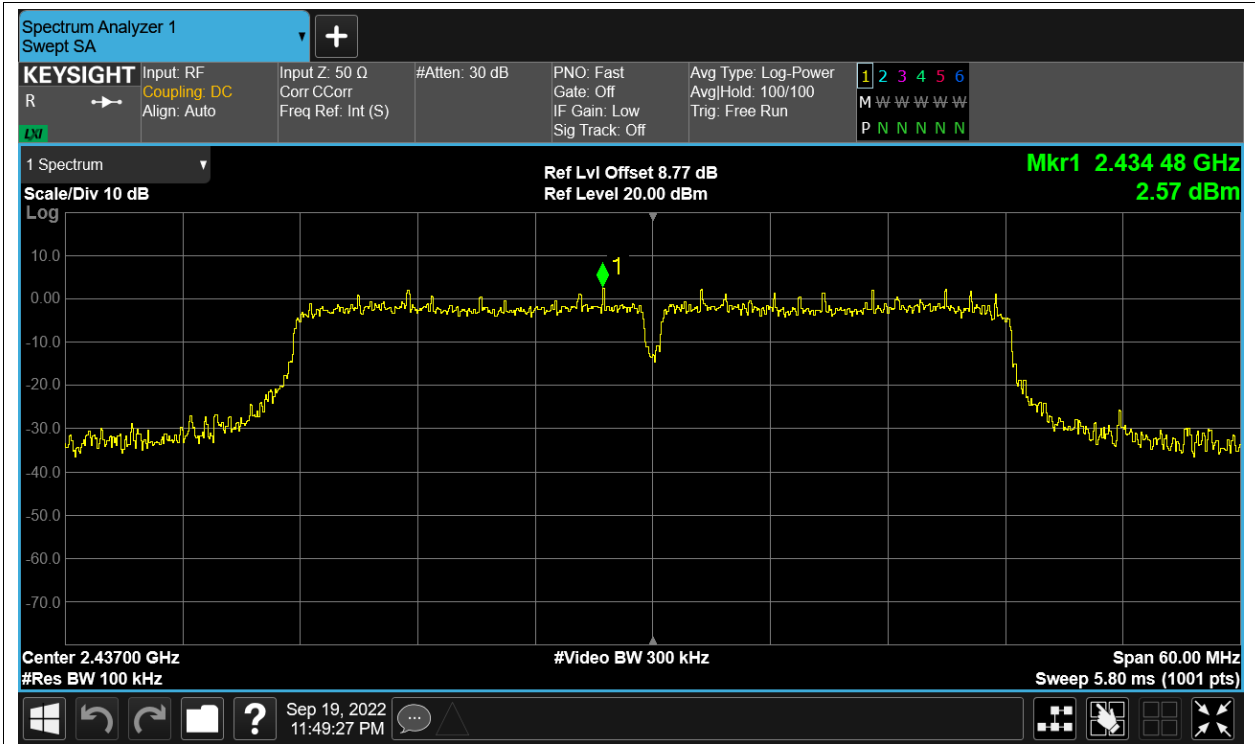
Tx. Spurious NVNT n40 2422MHz Ant2 Ref



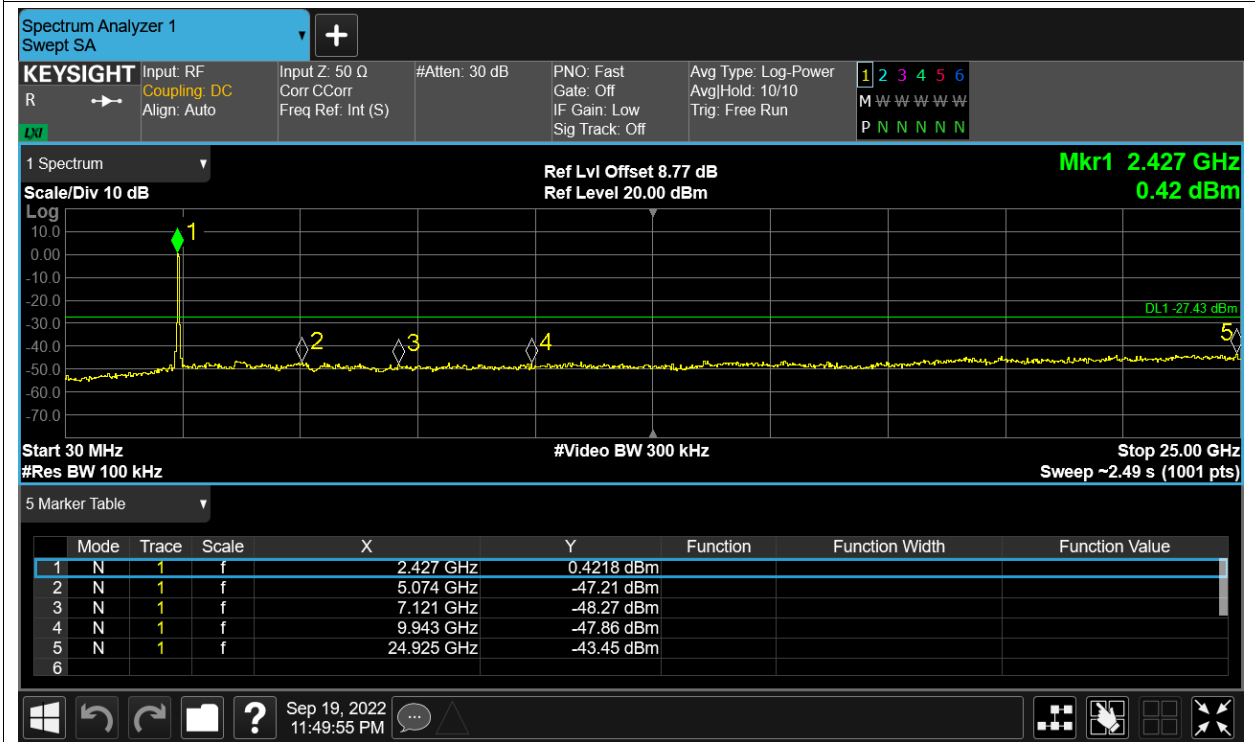
Tx. Spurious NVNT n40 2422MHz Ant2 Emission



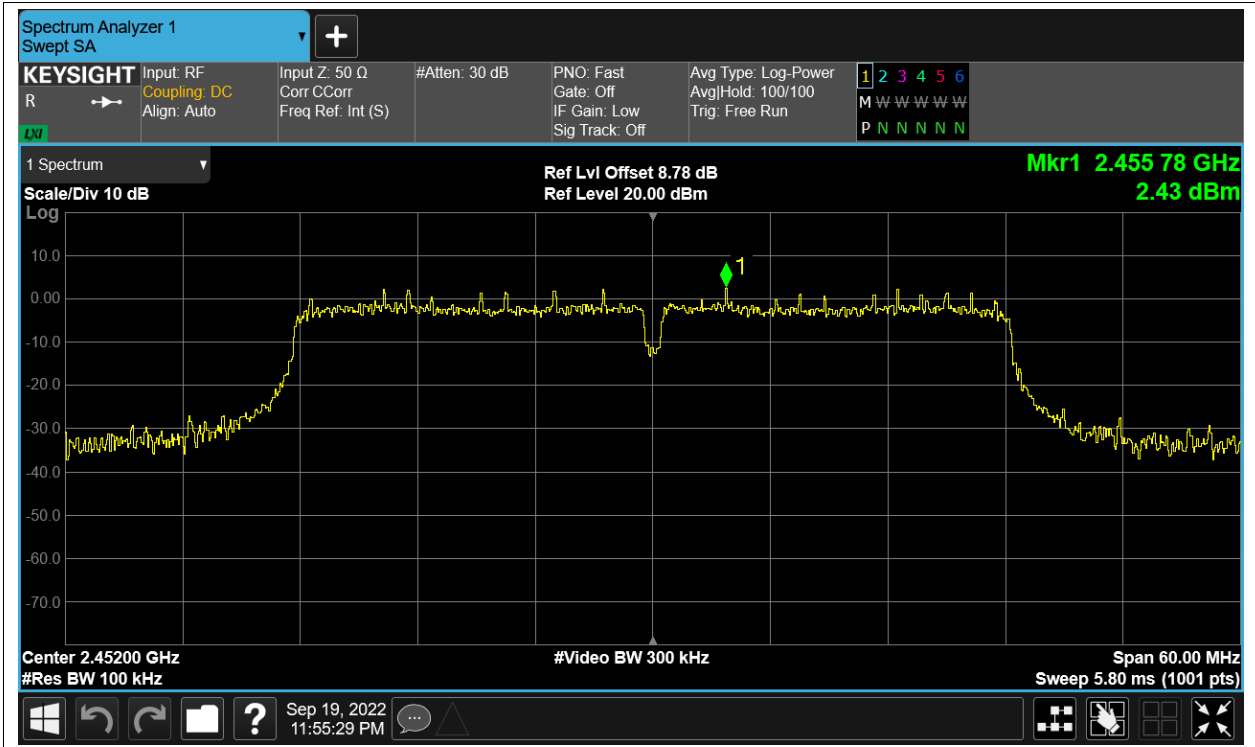
Tx. Spurious NVNT n40 2437MHz Ant2 Ref



Tx. Spurious NVNT n40 2437MHz Ant2 Emission



Tx. Spurious NVNT n40 2452MHz Ant2 Ref



Tx. Spurious NVNT n40 2452MHz Ant2 Emission

