

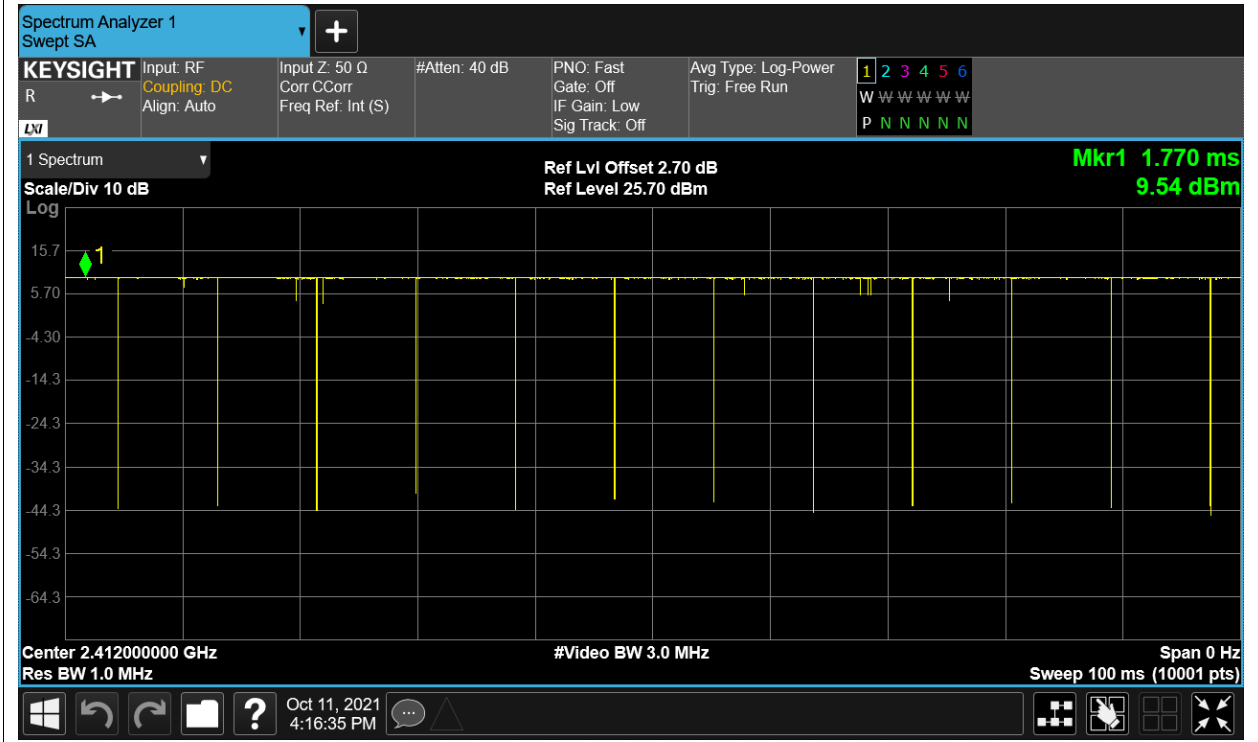
## Test Data

### Duty Cycle

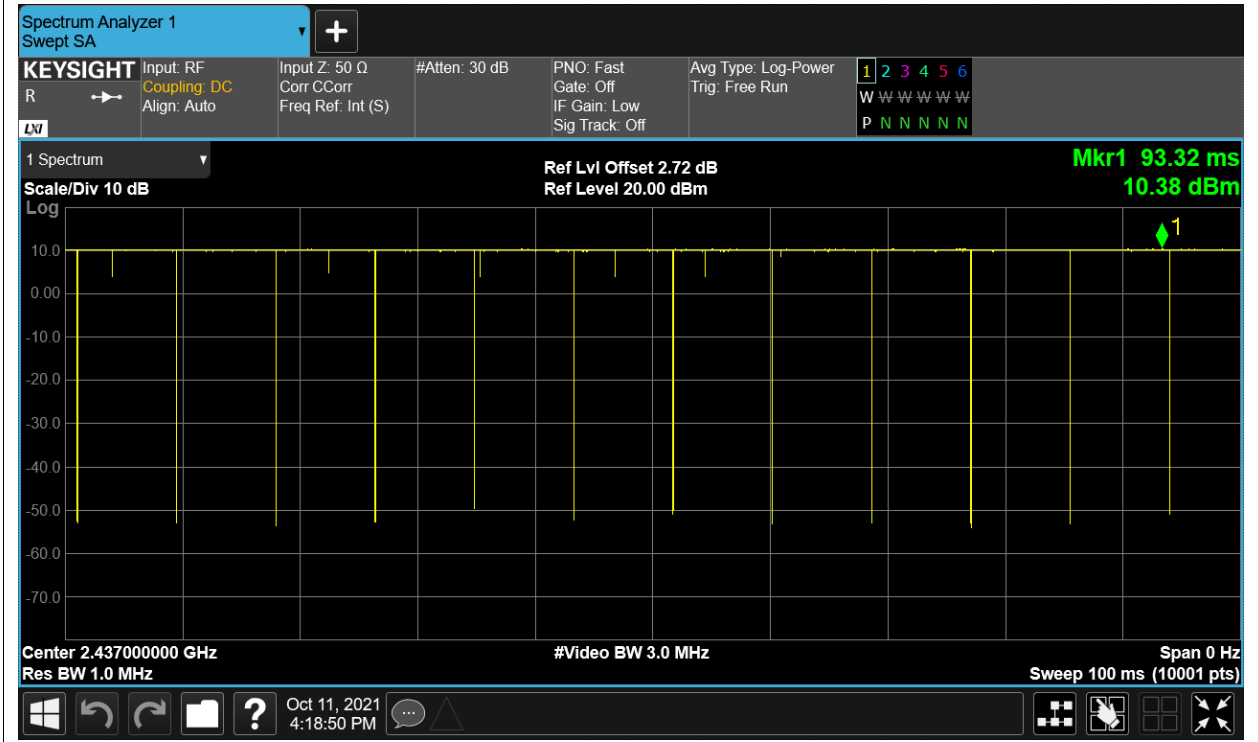
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	b	2412	Ant1	99.76	0.01
NVNT	b	2437	Ant1	99.75	0.01
NVNT	b	2462	Ant1	99.8	0.01
NVNT	b	2412	Ant2	99.76	0.01
NVNT	b	2437	Ant2	99.77	0.01
NVNT	b	2462	Ant2	99.76	0.01
NVNT	g	2412	Ant1	98.05	0.09
NVNT	g	2437	Ant1	98.06	0.09
NVNT	g	2462	Ant1	98.08	0.08
NVNT	g	2412	Ant2	98.03	0.09
NVNT	g	2437	Ant2	98.02	0.09
NVNT	g	2462	Ant2	97.9	0.09
NVNT	n20	2412	Sum	97.93	0.09
NVNT	n20	2437	Sum	97.96	0.09
NVNT	n20	2462	Sum	97.96	0.09

Test Graphs

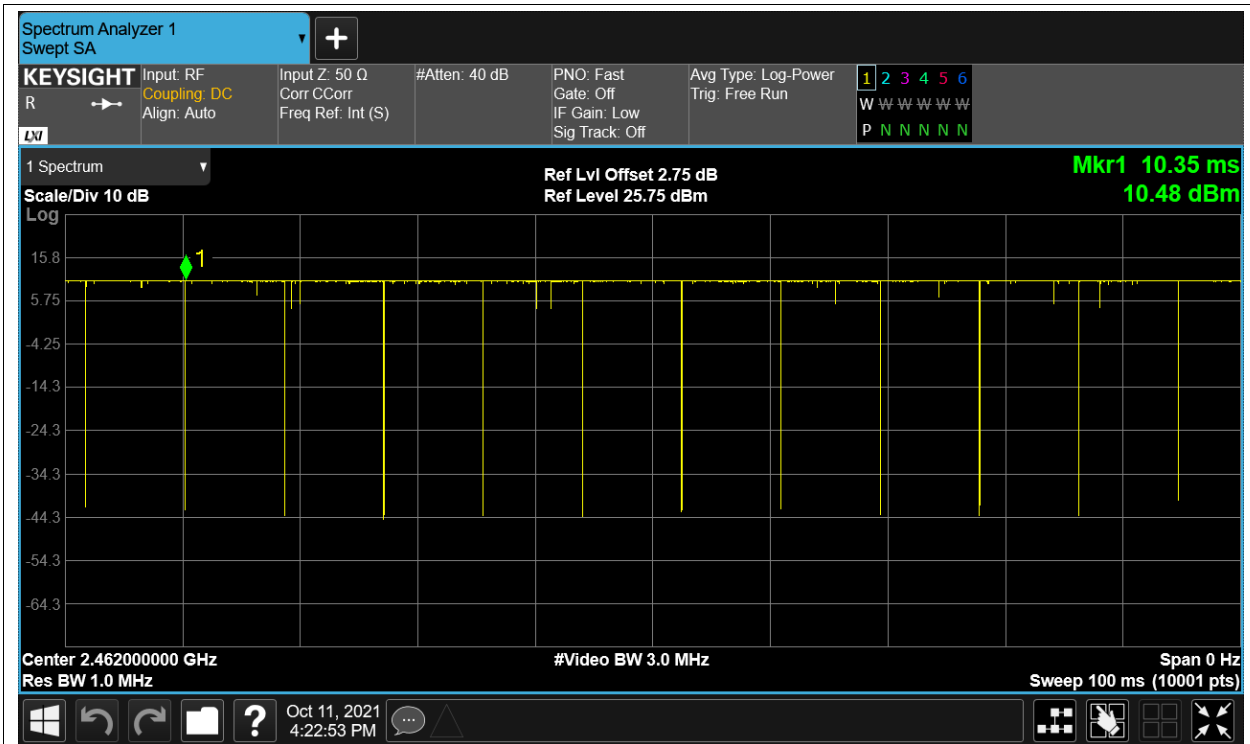
Duty Cycle NVNT b 2412MHz Ant1



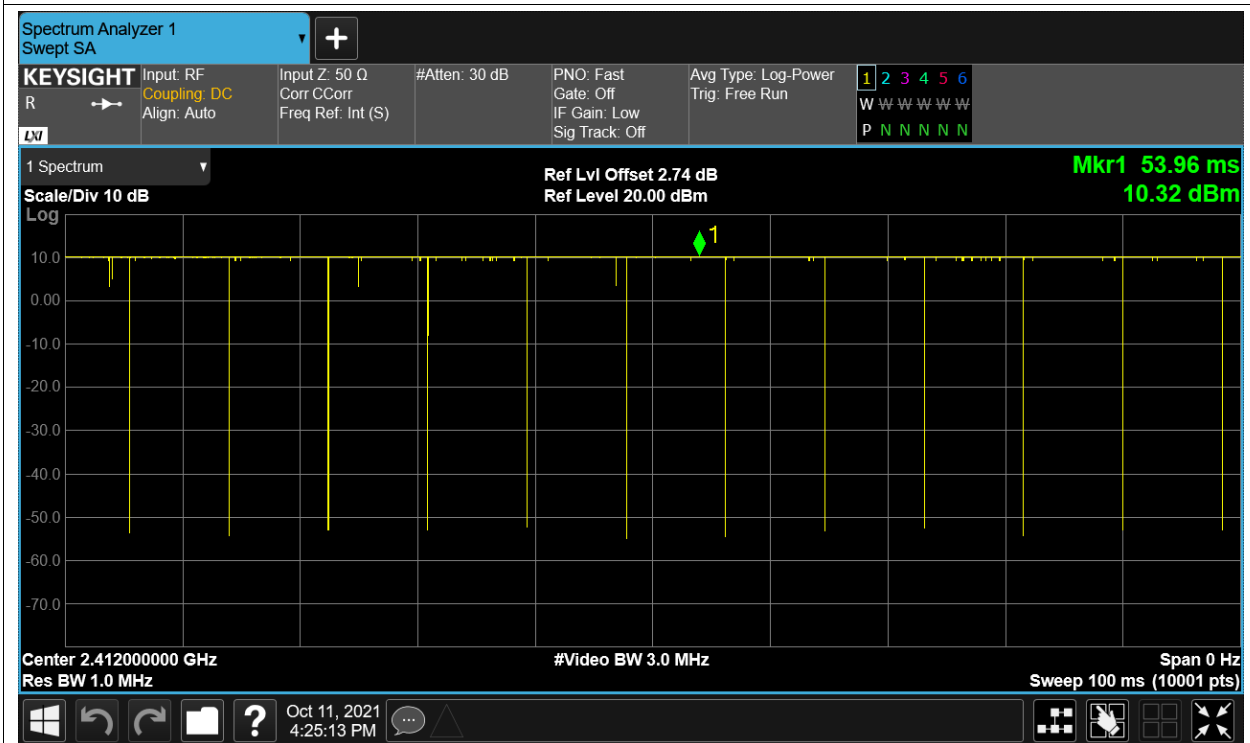
Duty Cycle NVNT b 2437MHz Ant1



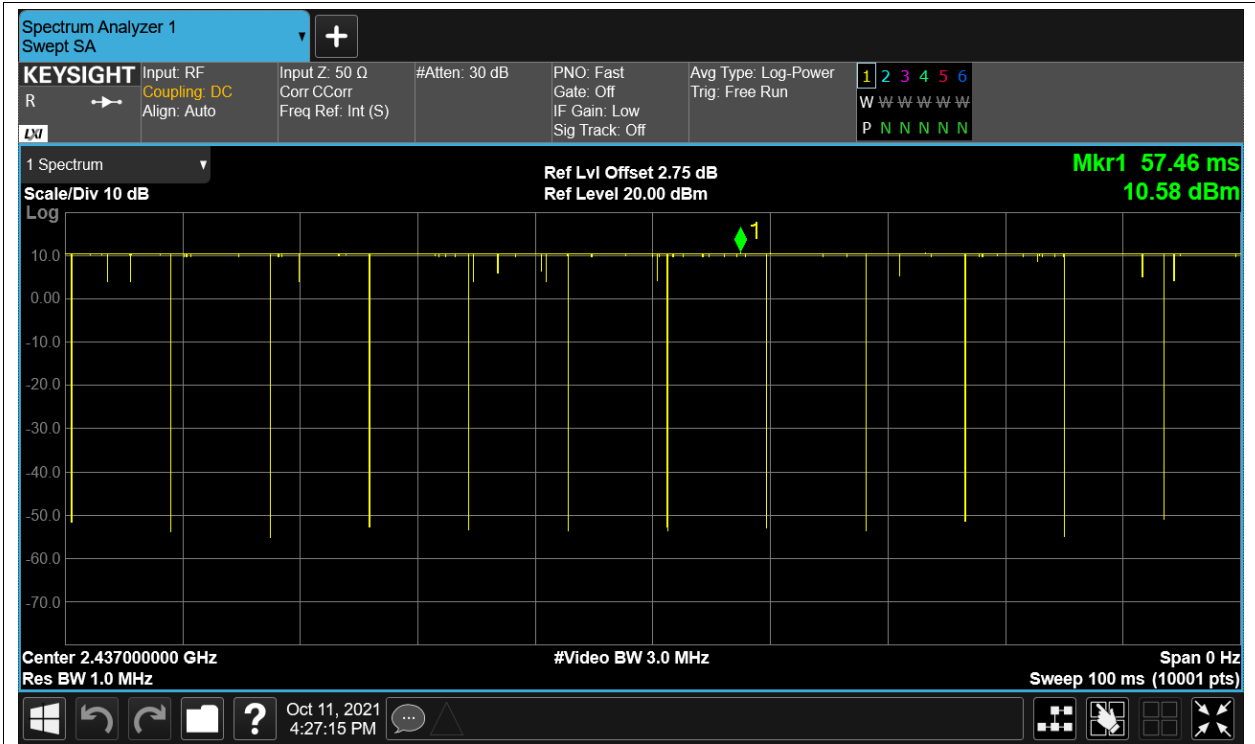
Duty Cycle NVNT b 2462MHz Ant1



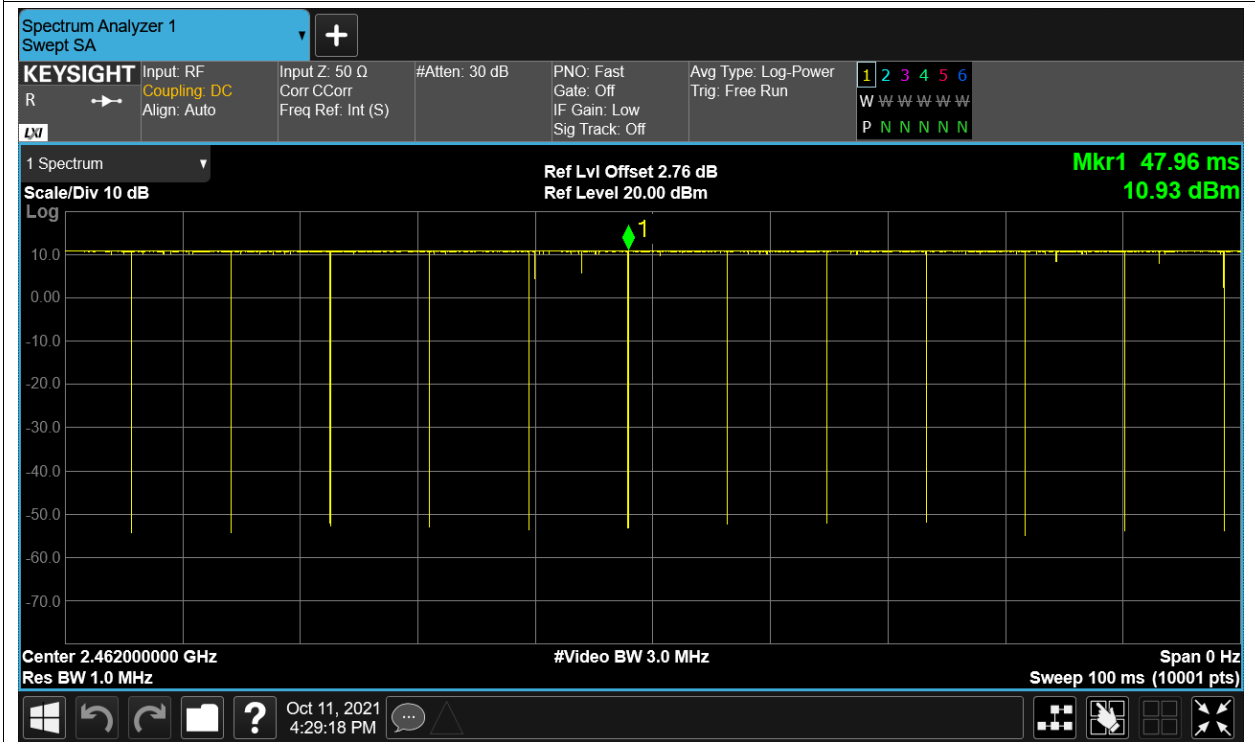
Duty Cycle NVNT b 2412MHz Ant2



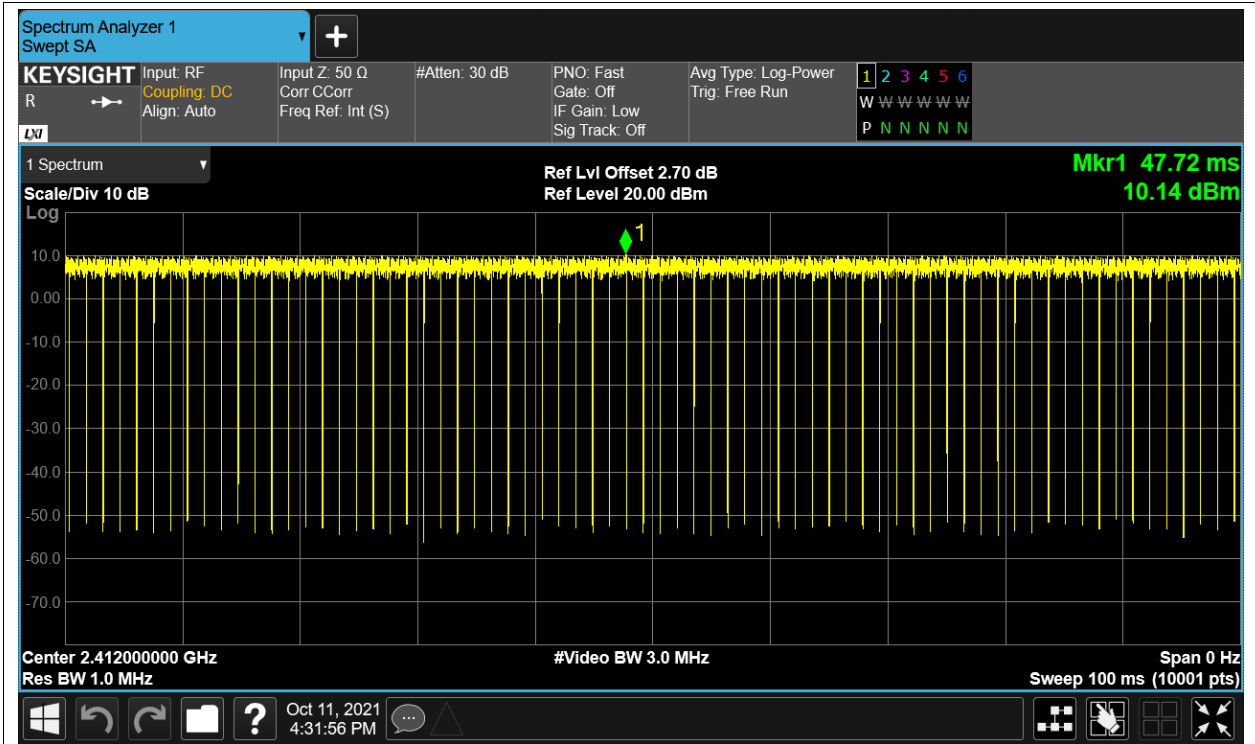
Duty Cycle NVNT b 2437MHz Ant2



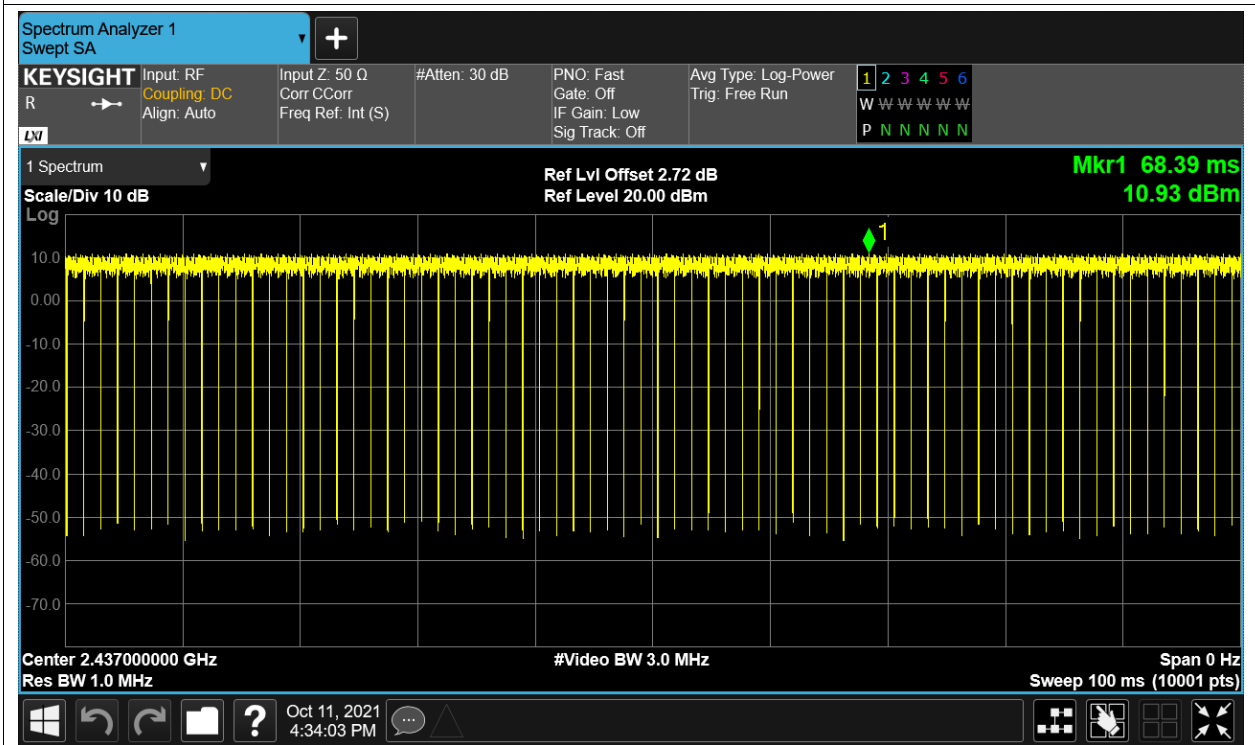
Duty Cycle NVNT b 2462MHz Ant2



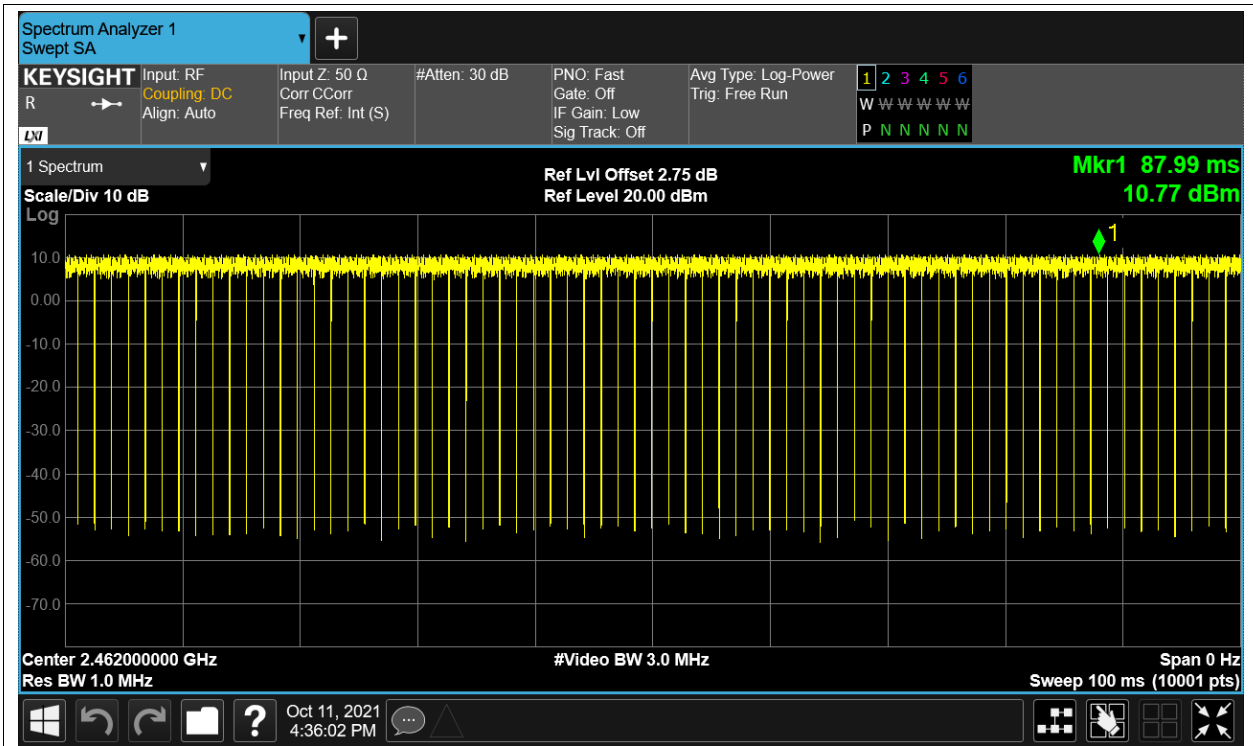
Duty Cycle NVNT g 2412MHz Ant1



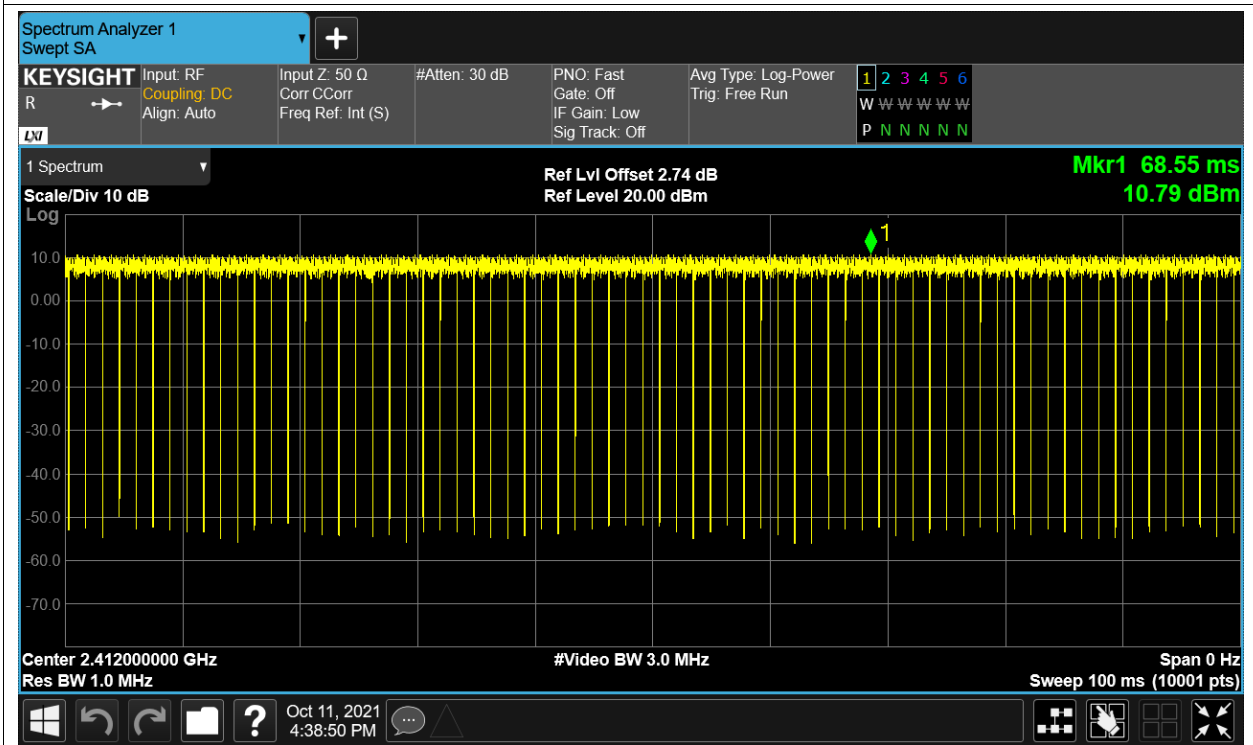
Duty Cycle NVNT g 2437MHz Ant1



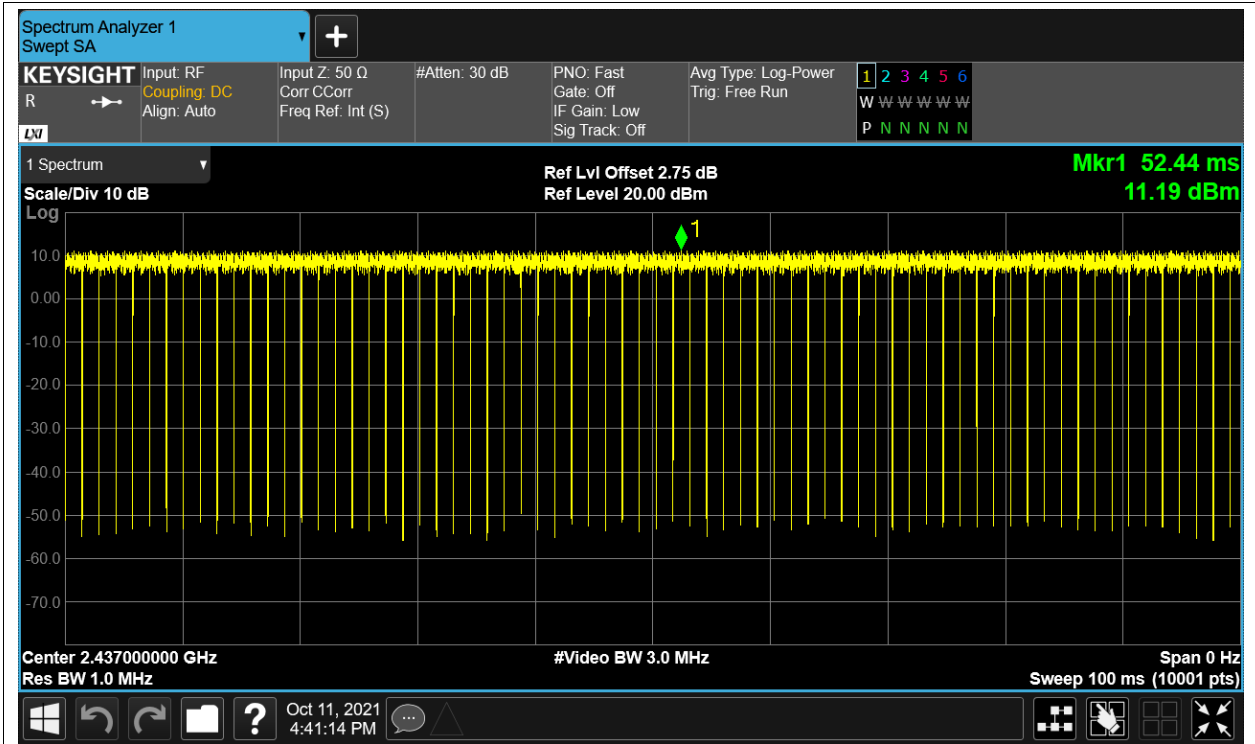
Duty Cycle NVNT g 2462MHz Ant1



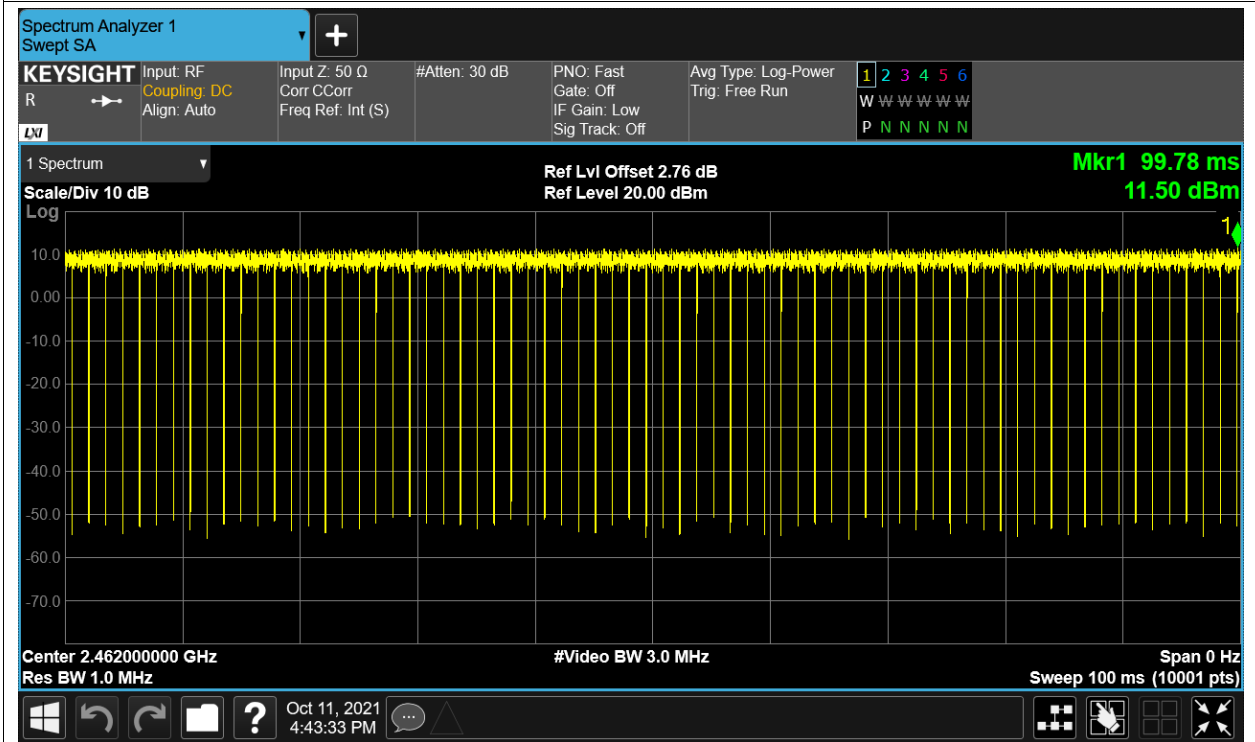
Duty Cycle NVNT g 2412MHz Ant2



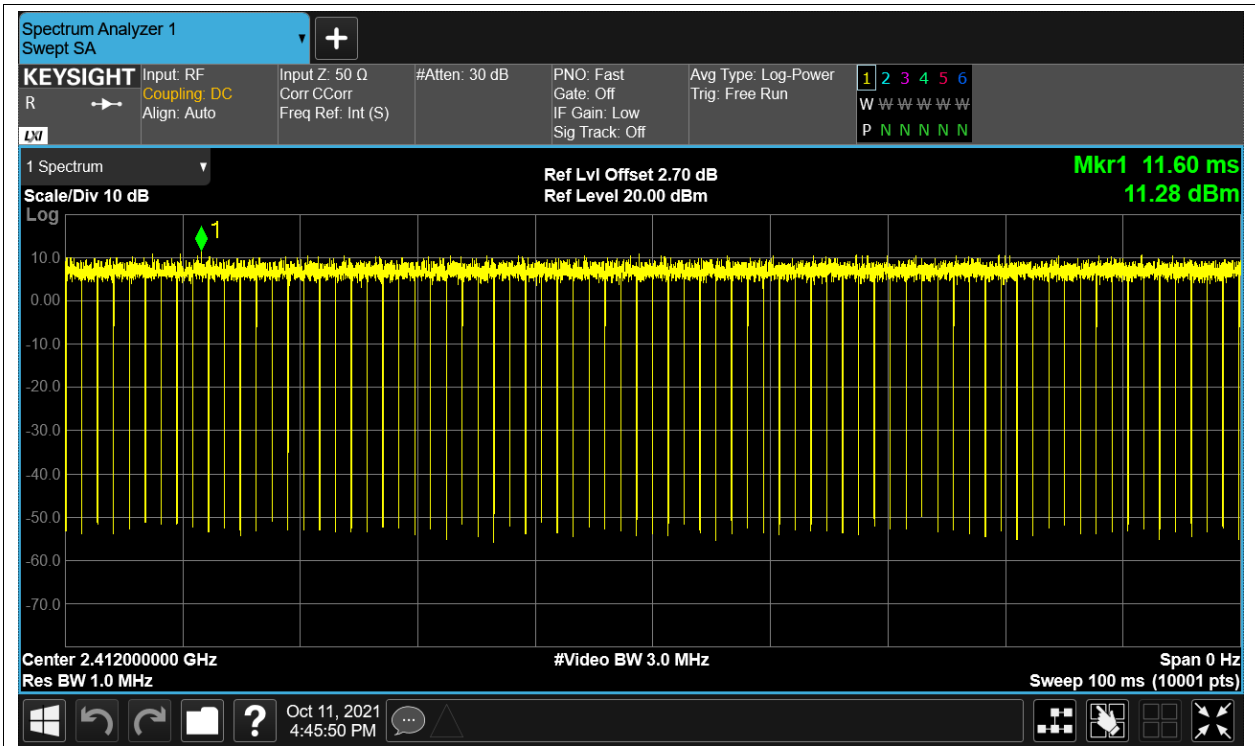
Duty Cycle NVNT g 2437MHz Ant2



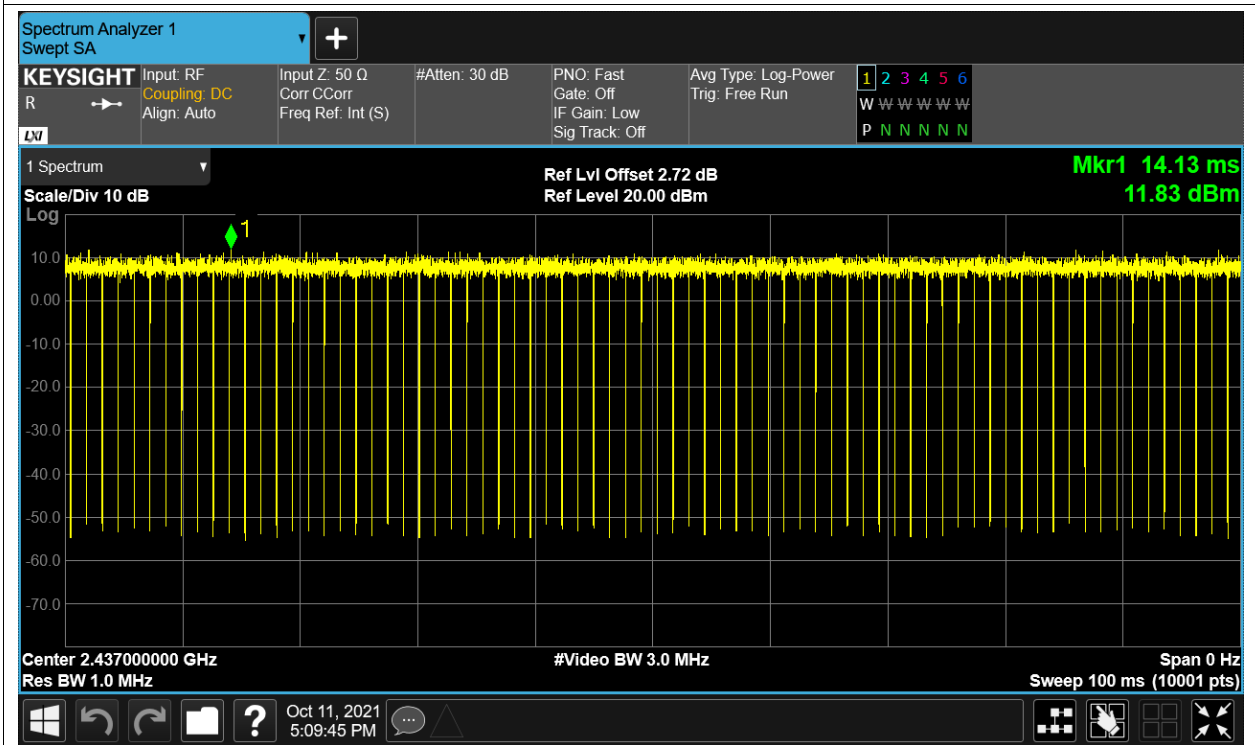
Duty Cycle NVNT g 2462MHz Ant2



Duty Cycle NVNT n20 2412MHz Sum

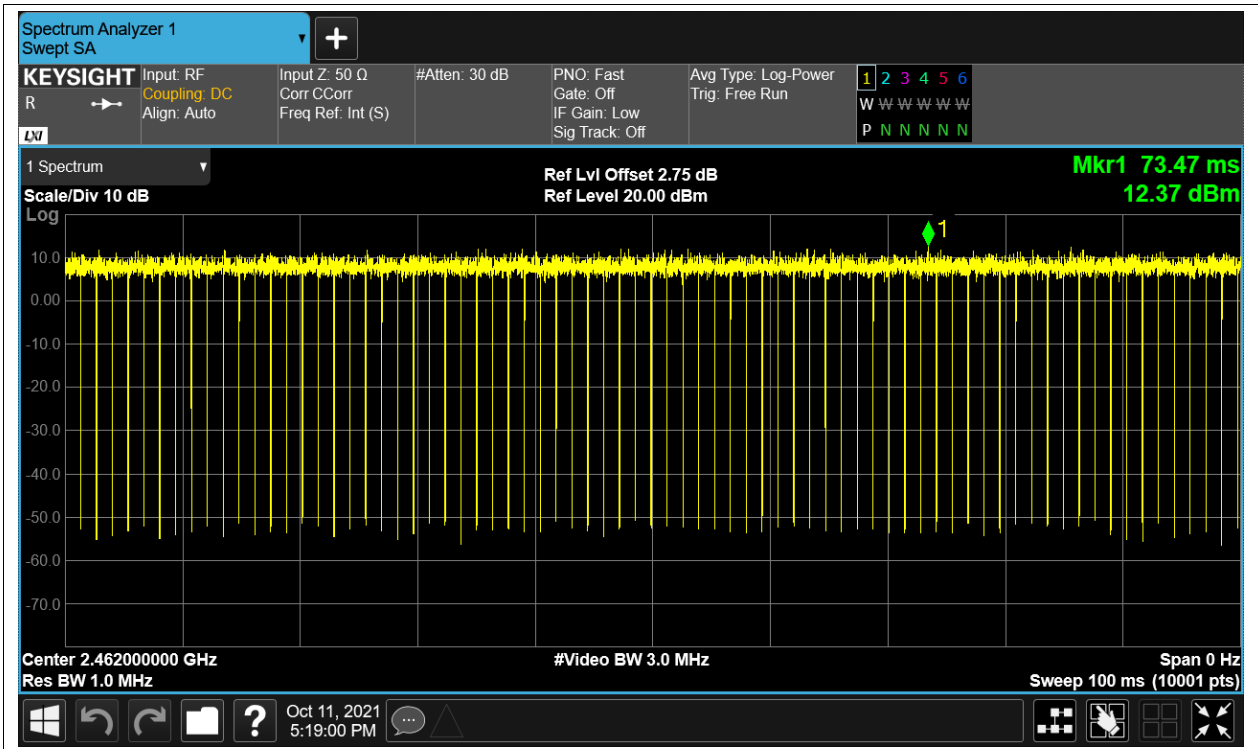


Duty Cycle NVNT n20 2437MHz Sum



Duty Cycle NVNT n20 2462MHz Sum



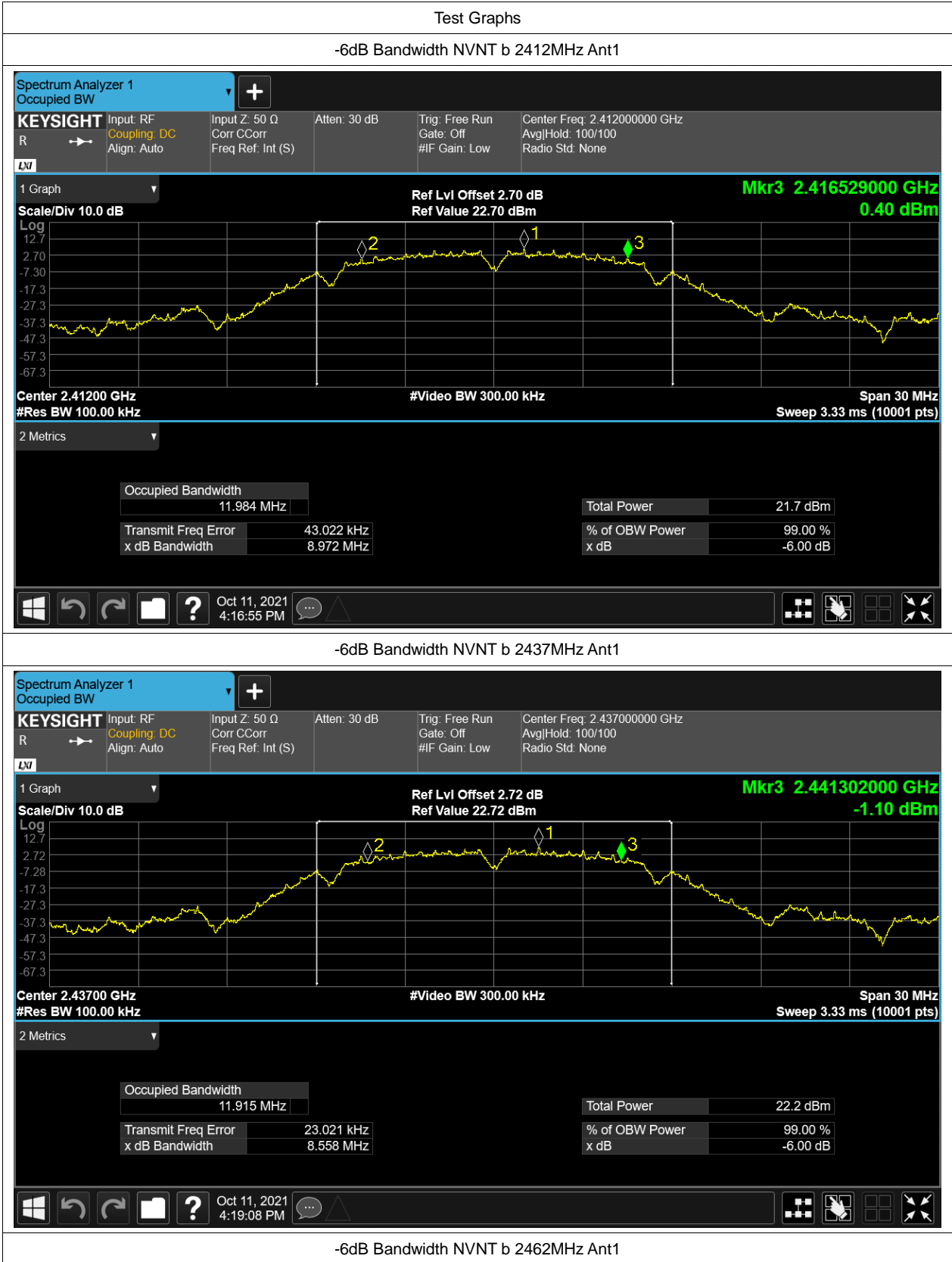


## Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	15.17	0.01	15.18	30	Pass
NVNT	b	2437	Ant1	15.5	0.01	15.51	30	Pass
NVNT	b	2462	Ant1	15.53	0.01	15.54	30	Pass
NVNT	b	2412	Ant2	15.24	0.01	15.25	30	Pass
NVNT	b	2437	Ant2	15.76	0.01	15.77	30	Pass
NVNT	b	2462	Ant2	15.67	0.01	15.68	30	Pass
NVNT	g	2412	Ant1	15.05	0.09	15.14	30	Pass
NVNT	g	2437	Ant1	15.4	0.09	15.49	30	Pass
NVNT	g	2462	Ant1	15.5	0.08	15.58	30	Pass
NVNT	g	2412	Ant2	15.33	0.09	15.42	30	Pass
NVNT	g	2437	Ant2	16.05	0.09	16.14	30	Pass
NVNT	g	2462	Ant2	15.96	0.09	16.05	30	Pass
NVNT	n20	2412	Ant1	12.89	0.09	13.98	30	Pass
NVNT	n20	2412	Ant2	13.57	0.09	13.66	30	Pass
NVNT	n20	2412	Sum	16.25	0.09	16.34	30	Pass
NVNT	n20	2437	Ant1	15.34	0.09	15.43	30	Pass
NVNT	n20	2437	Ant2	15.97	0.09	16.06	30	Pass
NVNT	n20	2437	Sum	18.677	0.09	18.767	30	Pass
NVNT	n20	2462	Ant1	15.62	0.09	15.71	30	Pass
NVNT	n20	2462	Ant2	15.95	0.09	16.04	30	Pass
NVNT	n20	2462	Sum	18.798	0.09	18.888	30	Pass

## -6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	8.972	0.5	Pass
NVNT	b	2437	Ant1	8.558	0.5	Pass
NVNT	b	2462	Ant1	9.088	0.5	Pass
NVNT	b	2412	Ant2	9.044	0.5	Pass
NVNT	b	2437	Ant2	8.543	0.5	Pass
NVNT	b	2462	Ant2	9.004	0.5	Pass
NVNT	g	2412	Ant1	16.344	0.5	Pass
NVNT	g	2437	Ant1	16.306	0.5	Pass
NVNT	g	2462	Ant1	16.33	0.5	Pass
NVNT	g	2412	Ant2	16.344	0.5	Pass
NVNT	g	2437	Ant2	16.356	0.5	Pass
NVNT	g	2462	Ant2	16.322	0.5	Pass
NVNT	n20	2412	Ant1	17.56	0.5	Pass
NVNT	n20	2412	Ant2	15.377	0.5	Pass
NVNT	n20	2437	Ant1	17.576	0.5	Pass
NVNT	n20	2437	Ant2	17.59	0.5	Pass
NVNT	n20	2462	Ant1	17.571	0.5	Pass
NVNT	n20	2462	Ant2	17.591	0.5	Pass

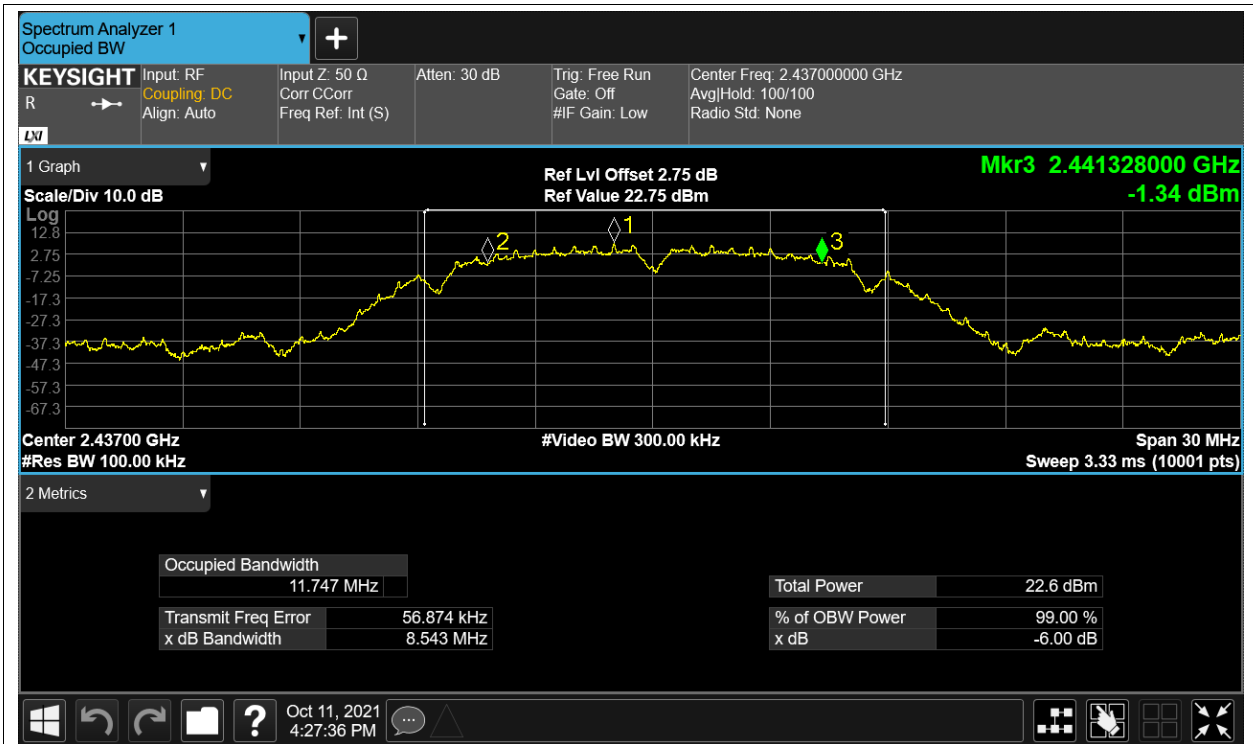




-6dB Bandwidth NVNT b 2412MHz Ant2



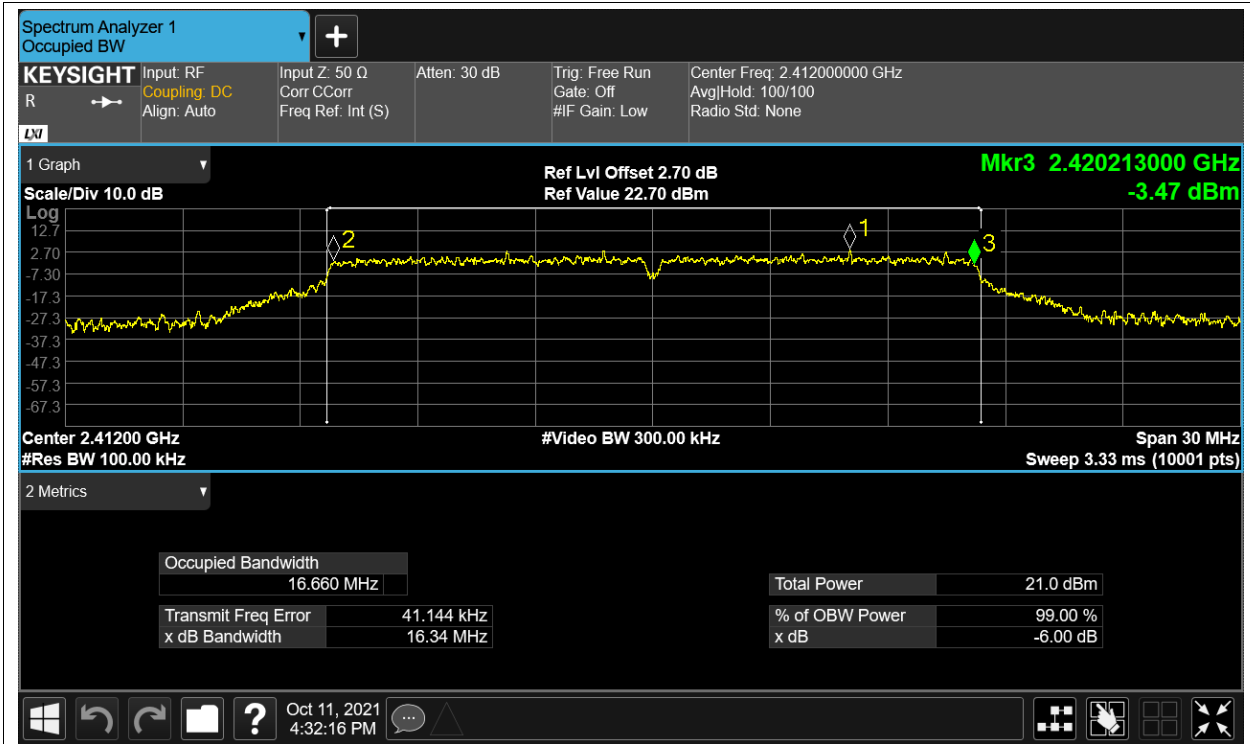
-6dB Bandwidth NVNT b 2437MHz Ant2



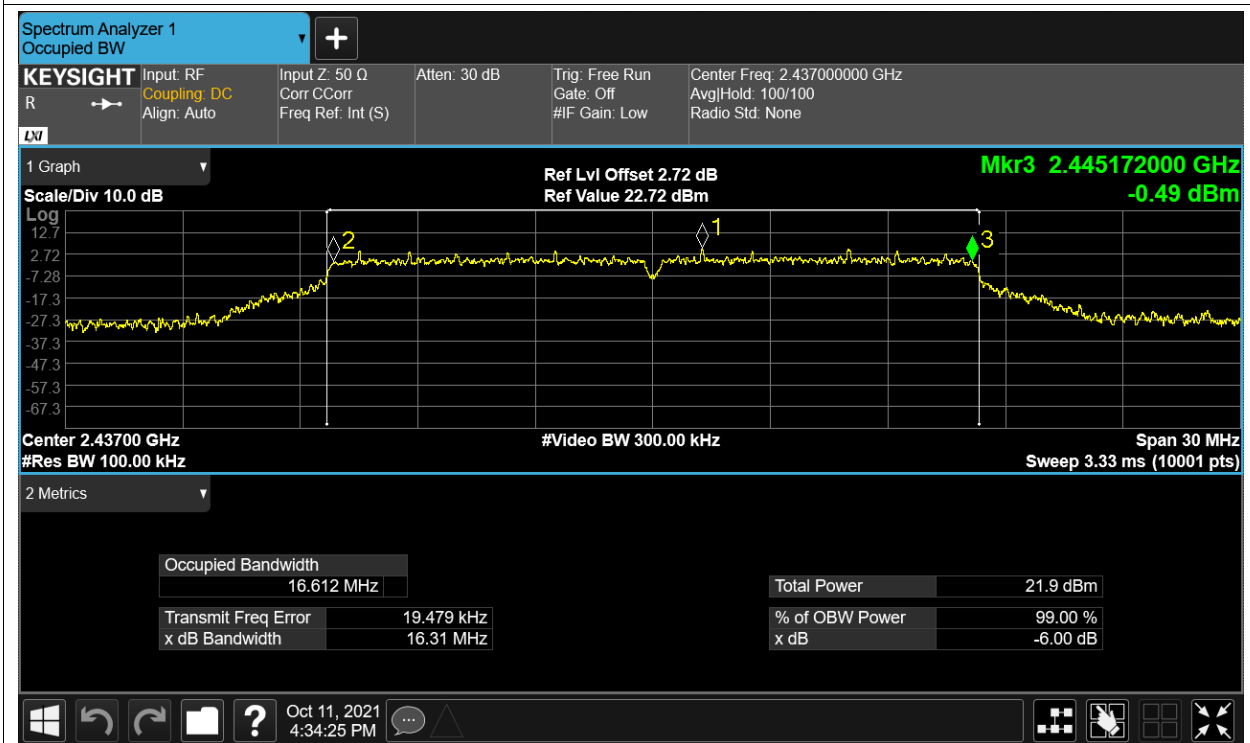
-6dB Bandwidth NVNT b 2462MHz Ant2



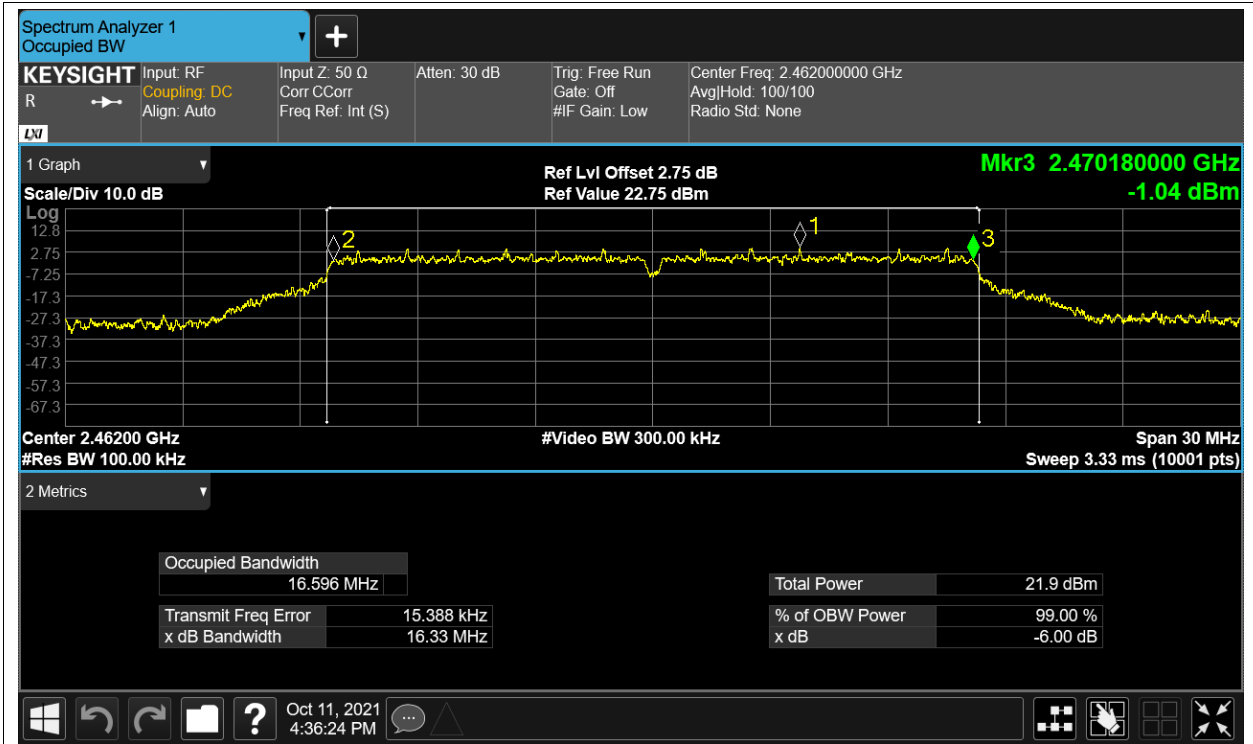
-6dB Bandwidth NVNT g 2412MHz Ant1



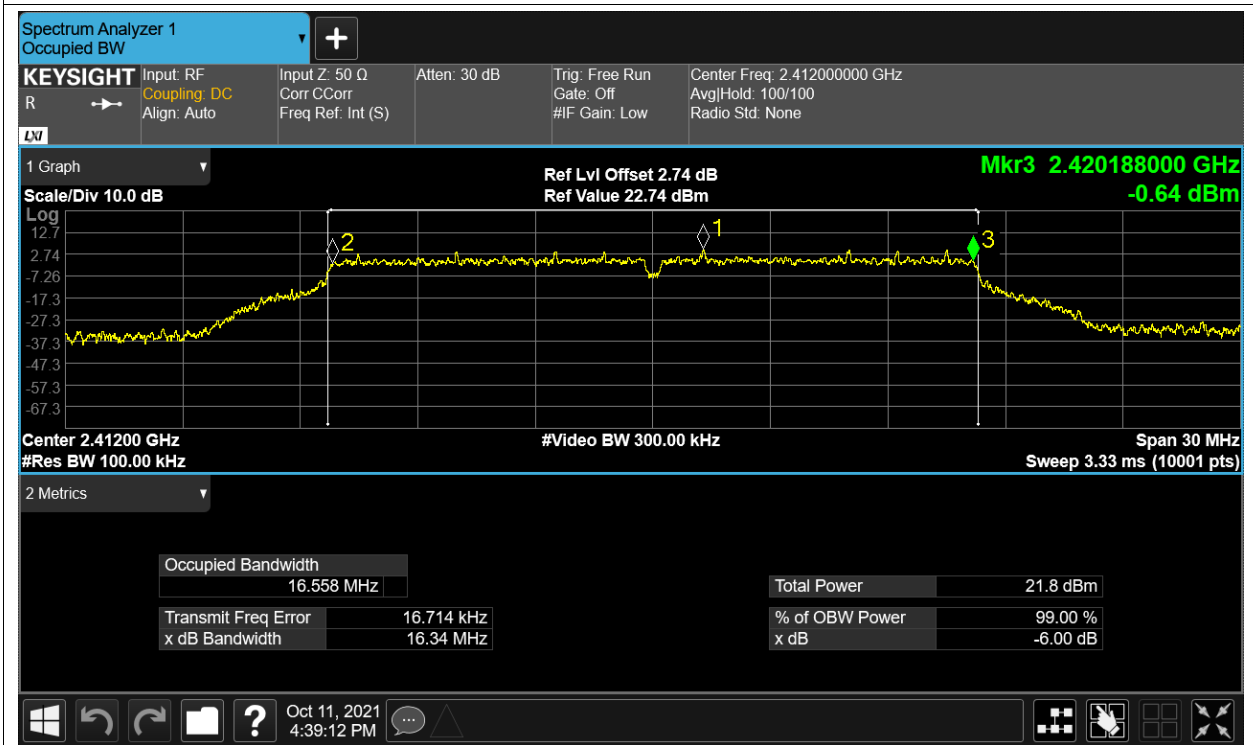
-6dB Bandwidth NVNT g 2437MHz Ant1



-6dB Bandwidth NVNT g 2462MHz Ant1

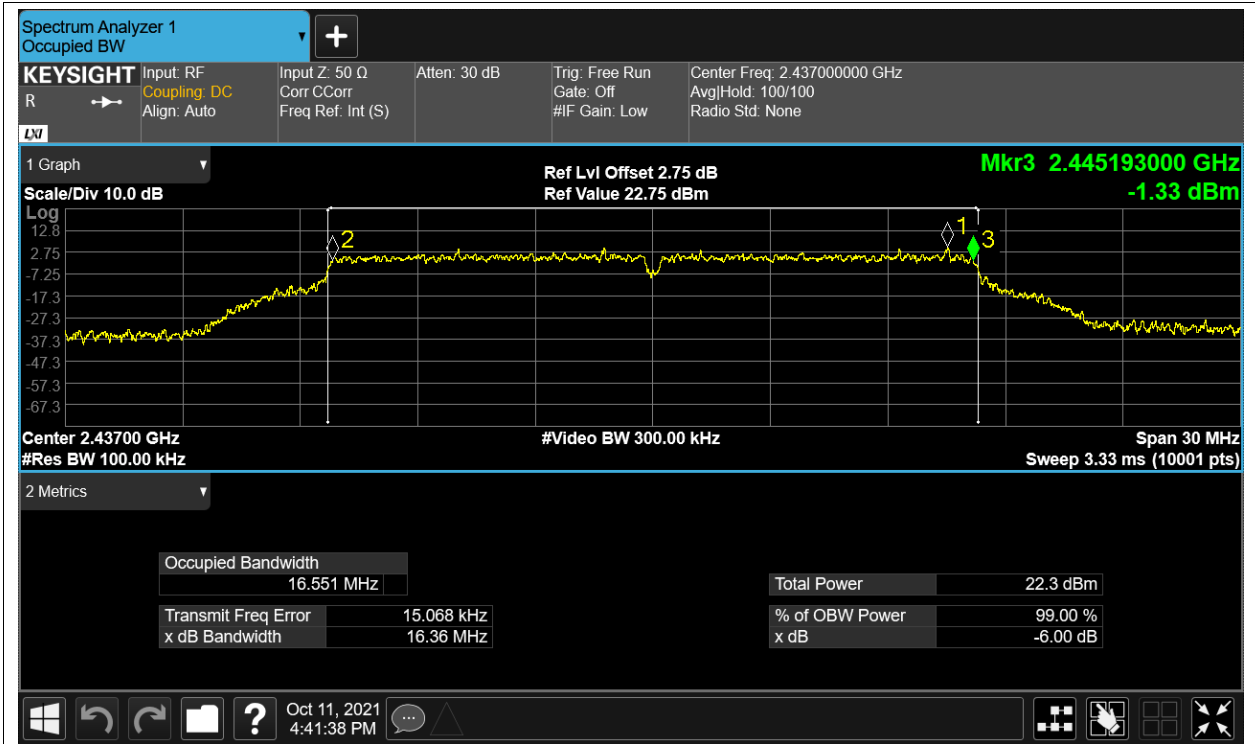


-6dB Bandwidth NVNT g 2412MHz Ant2

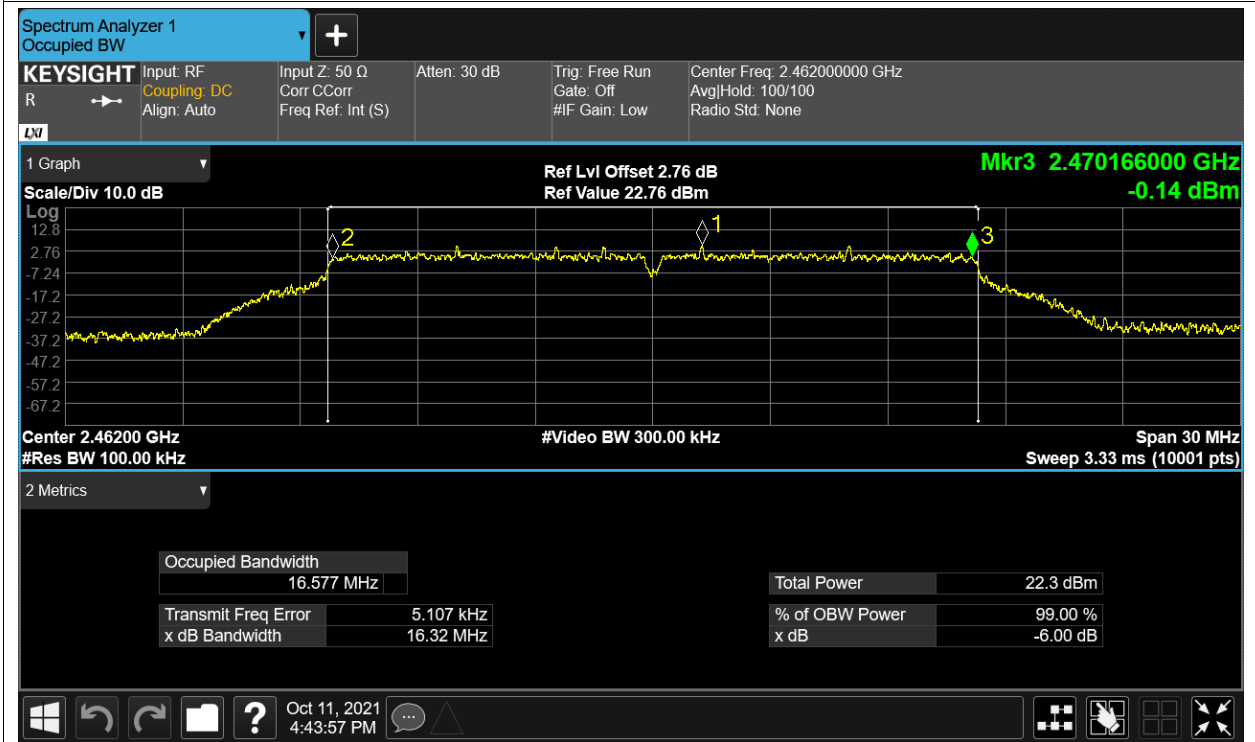


-6dB Bandwidth NVNT g 2437MHz Ant2

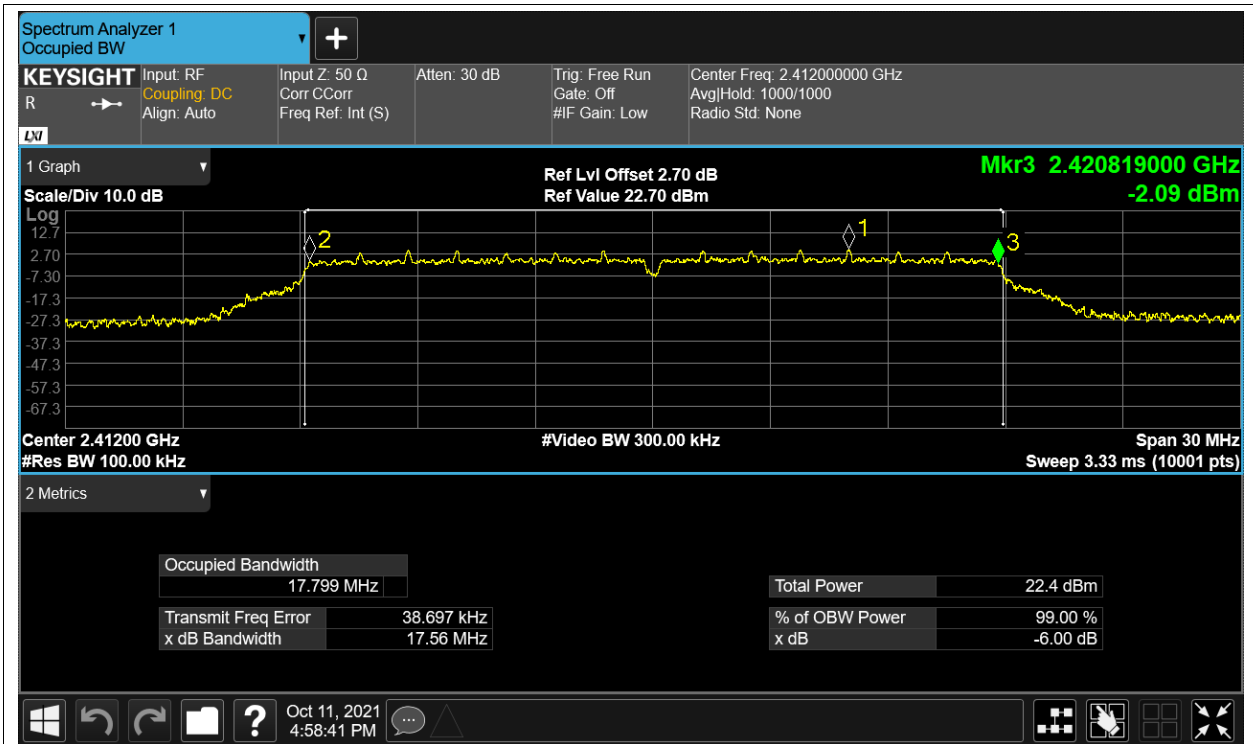




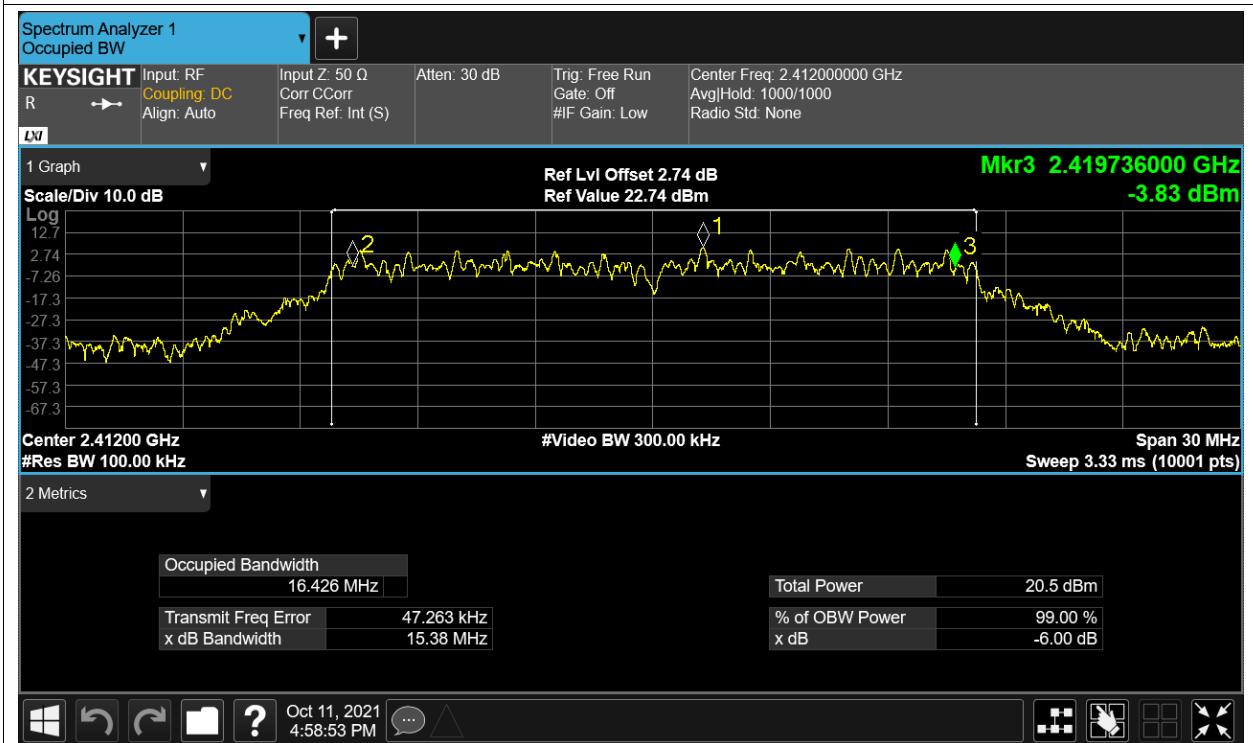
-6dB Bandwidth NVNT g 2462MHz Ant2



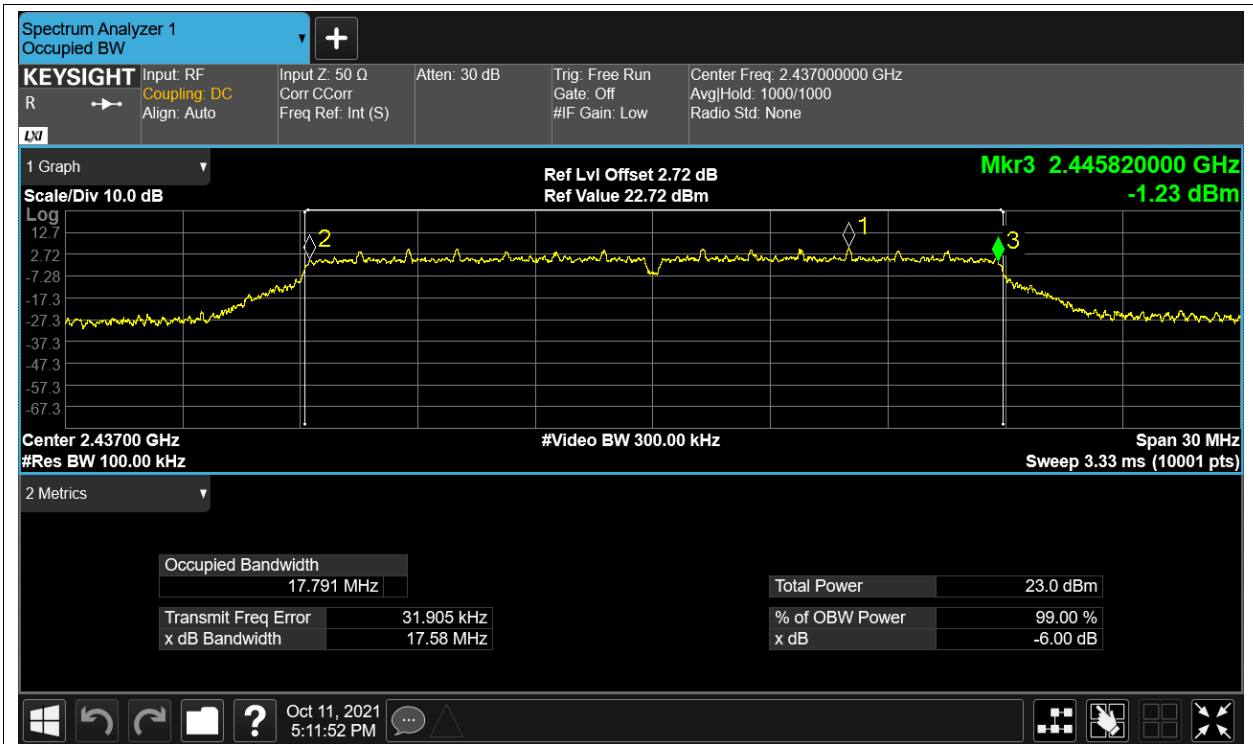
-6dB Bandwidth NVNT n20 2412MHz Ant1



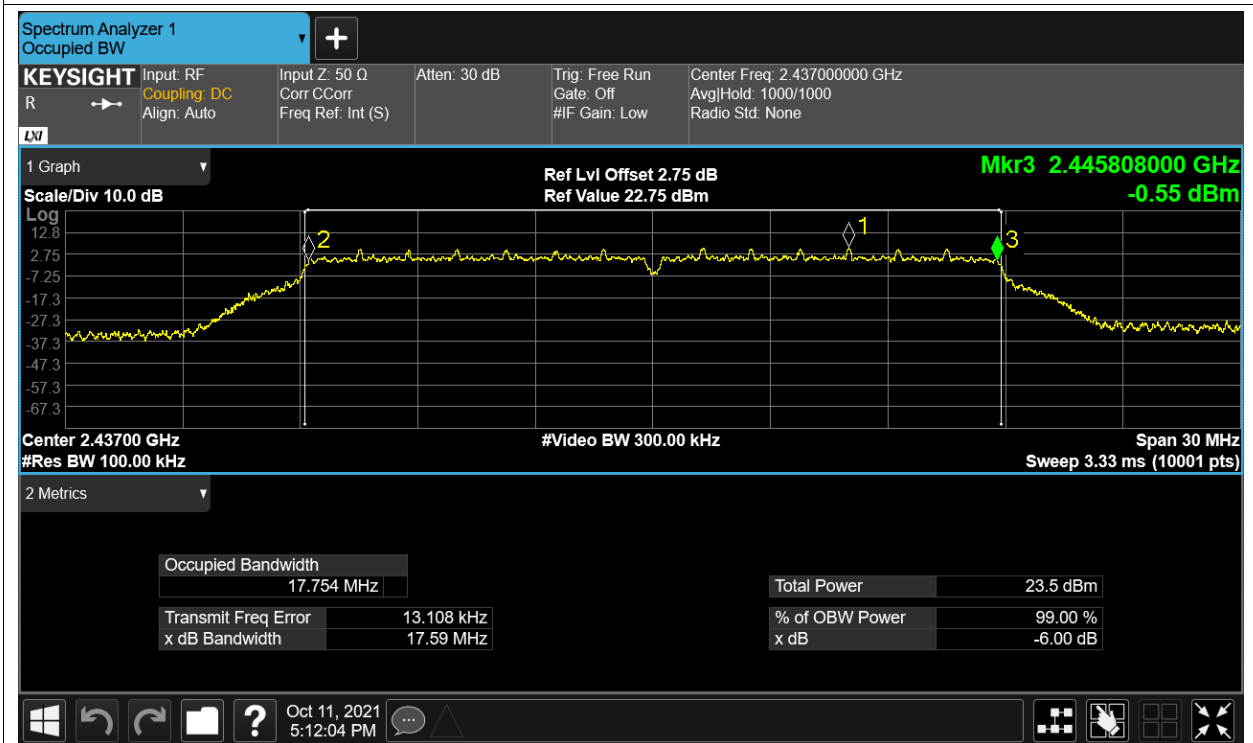
-6dB Bandwidth NVNT n20 2412MHz Ant2



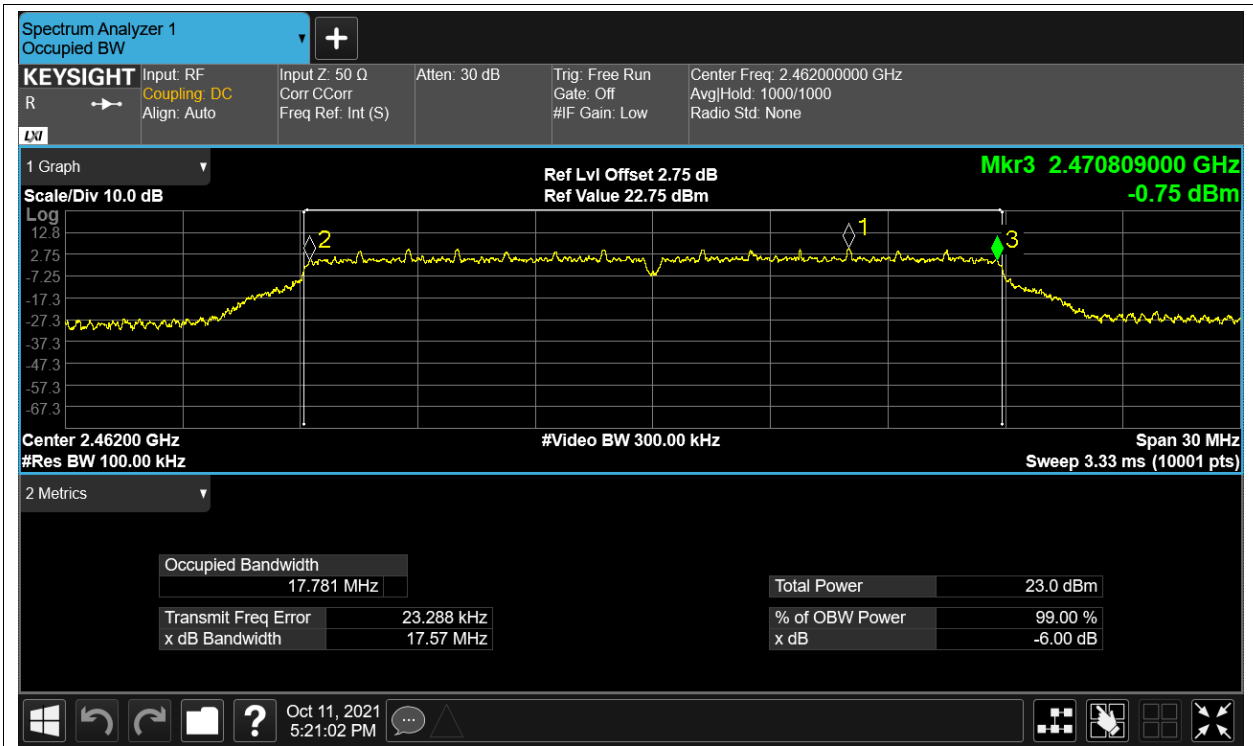
-6dB Bandwidth NVNT n20 2437MHz Ant1



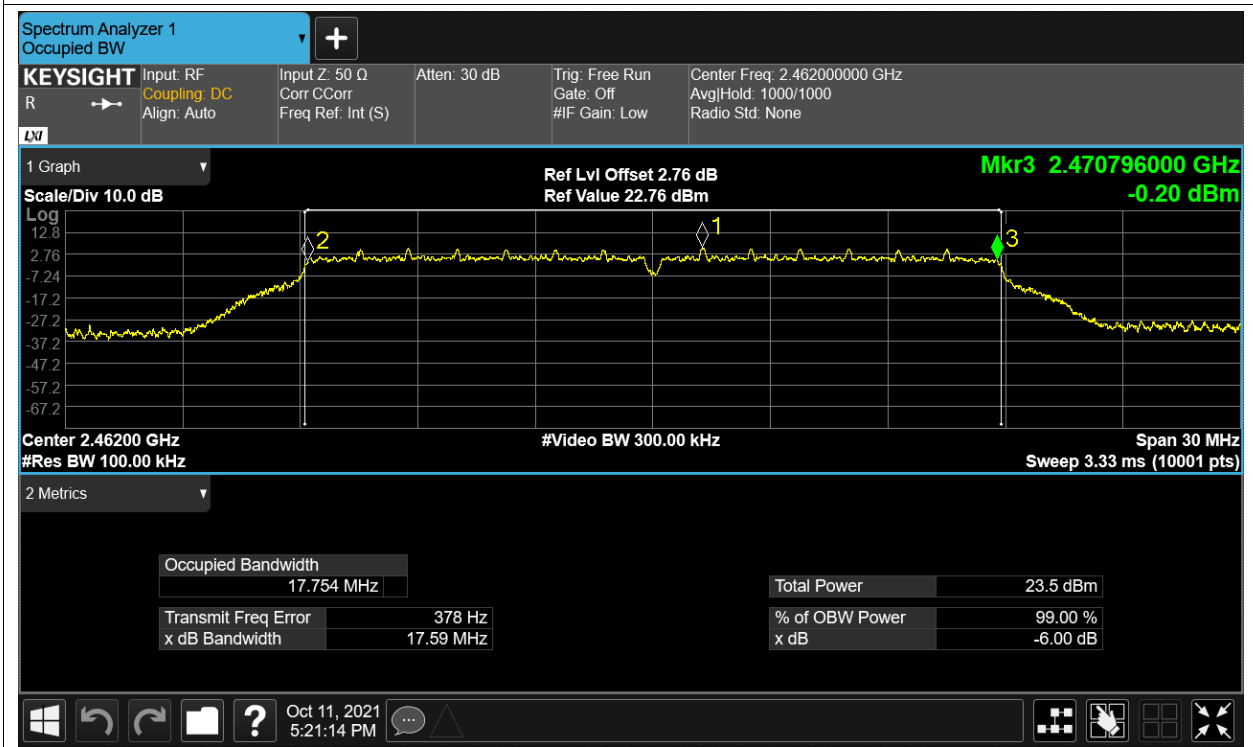
-6dB Bandwidth NVNT n20 2437MHz Ant2



-6dB Bandwidth NVNT n20 2462MHz Ant1

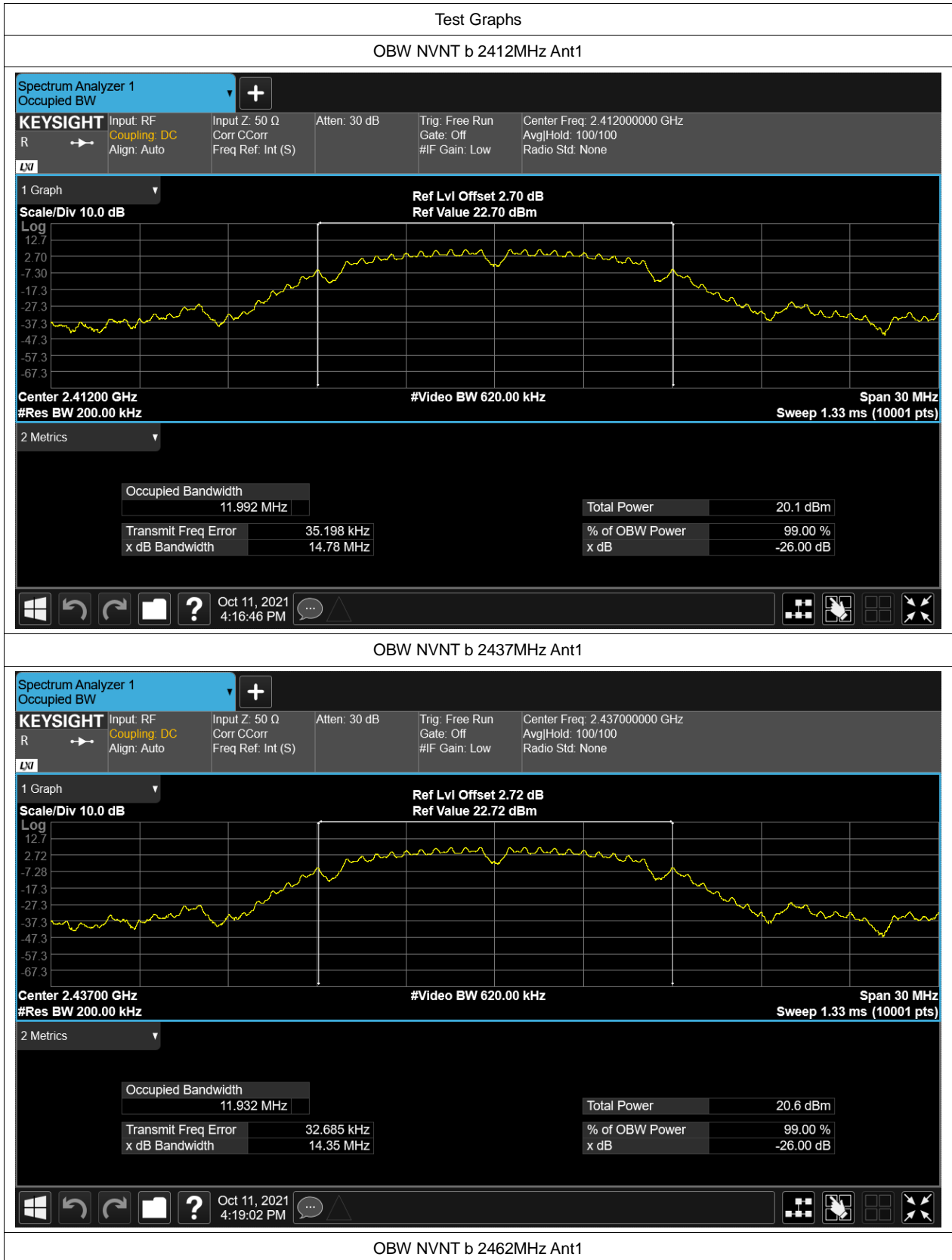


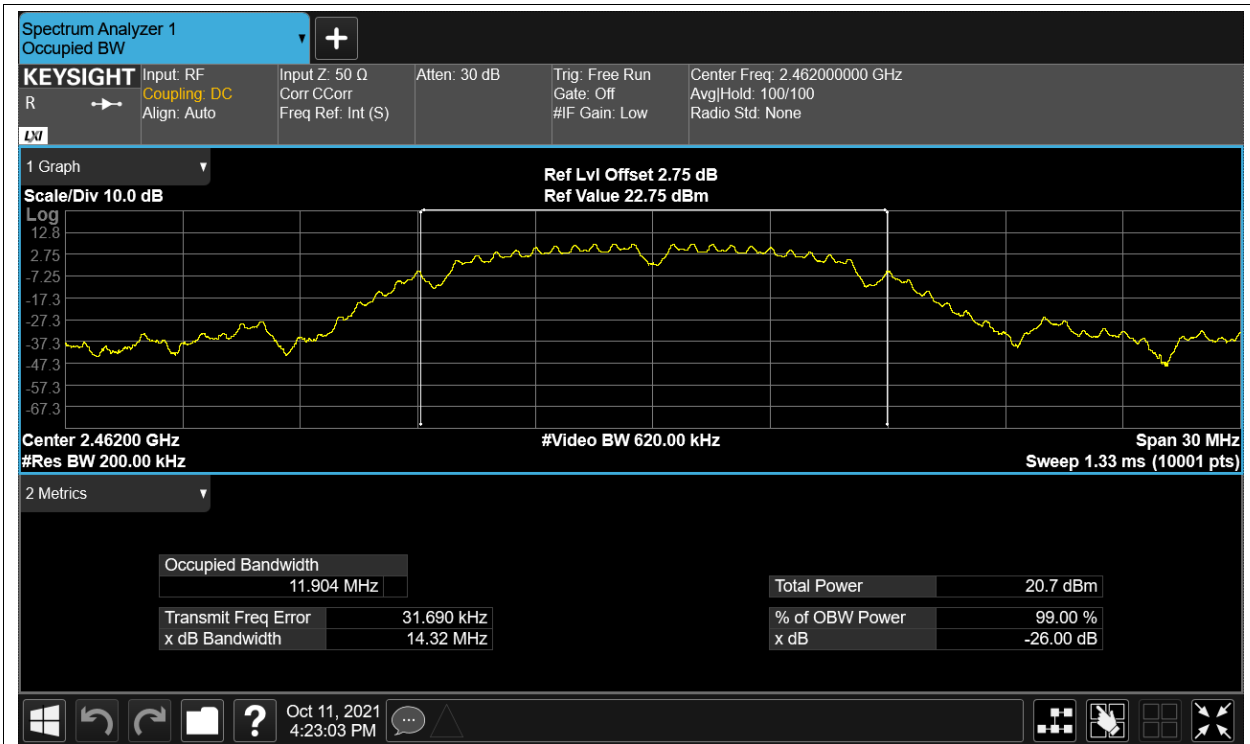
-6dB Bandwidth NVNT n20 2462MHz Ant2



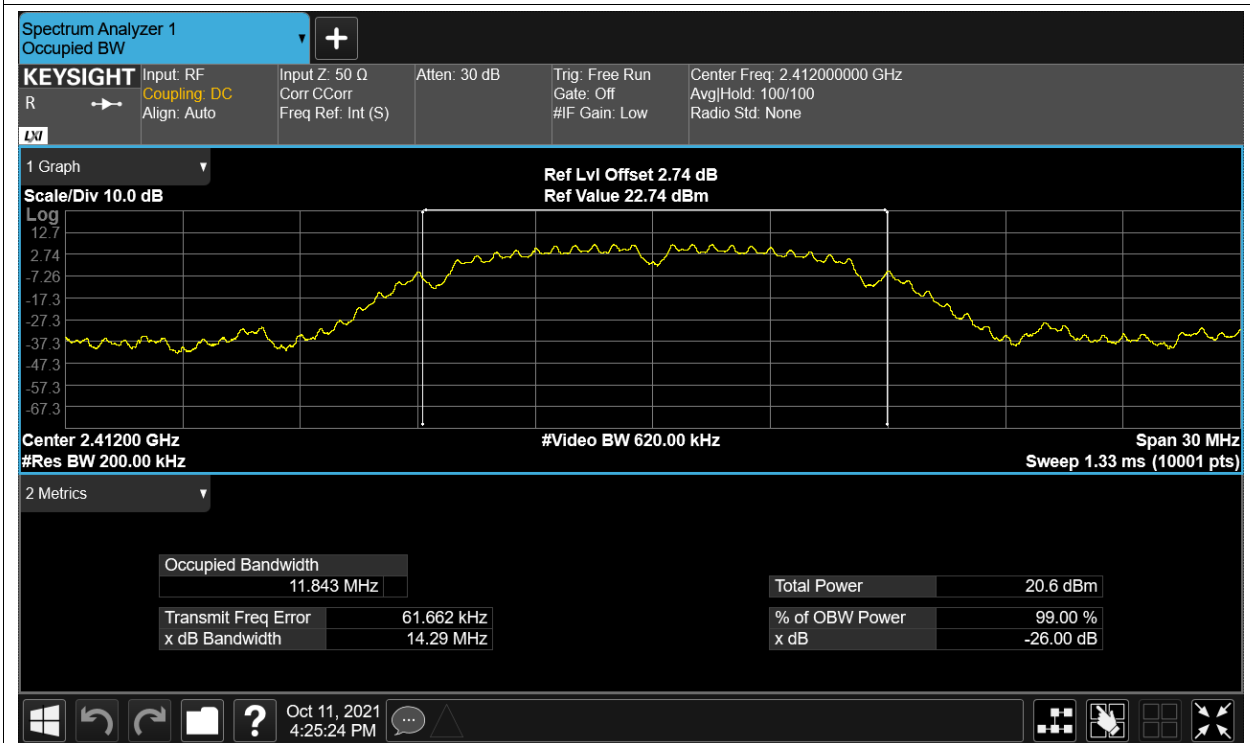
## Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	11.99181173
NVNT	b	2437	Ant1	11.93238473
NVNT	b	2462	Ant1	11.9044843
NVNT	b	2412	Ant2	11.84308885
NVNT	b	2437	Ant2	11.78260024
NVNT	b	2462	Ant2	11.77726166
NVNT	g	2412	Ant1	16.85622765
NVNT	g	2437	Ant1	16.81281646
NVNT	g	2462	Ant1	16.83953444
NVNT	g	2412	Ant2	16.72635927
NVNT	g	2437	Ant2	16.74152713
NVNT	g	2462	Ant2	16.77576718
NVNT	n20	2412	Ant1	17.99365069
NVNT	n20	2412	Ant2	16.58522107
NVNT	n20	2437	Ant1	17.94470795
NVNT	n20	2437	Ant2	17.92616653
NVNT	n20	2462	Ant1	17.98286778
NVNT	n20	2462	Ant2	17.9145297

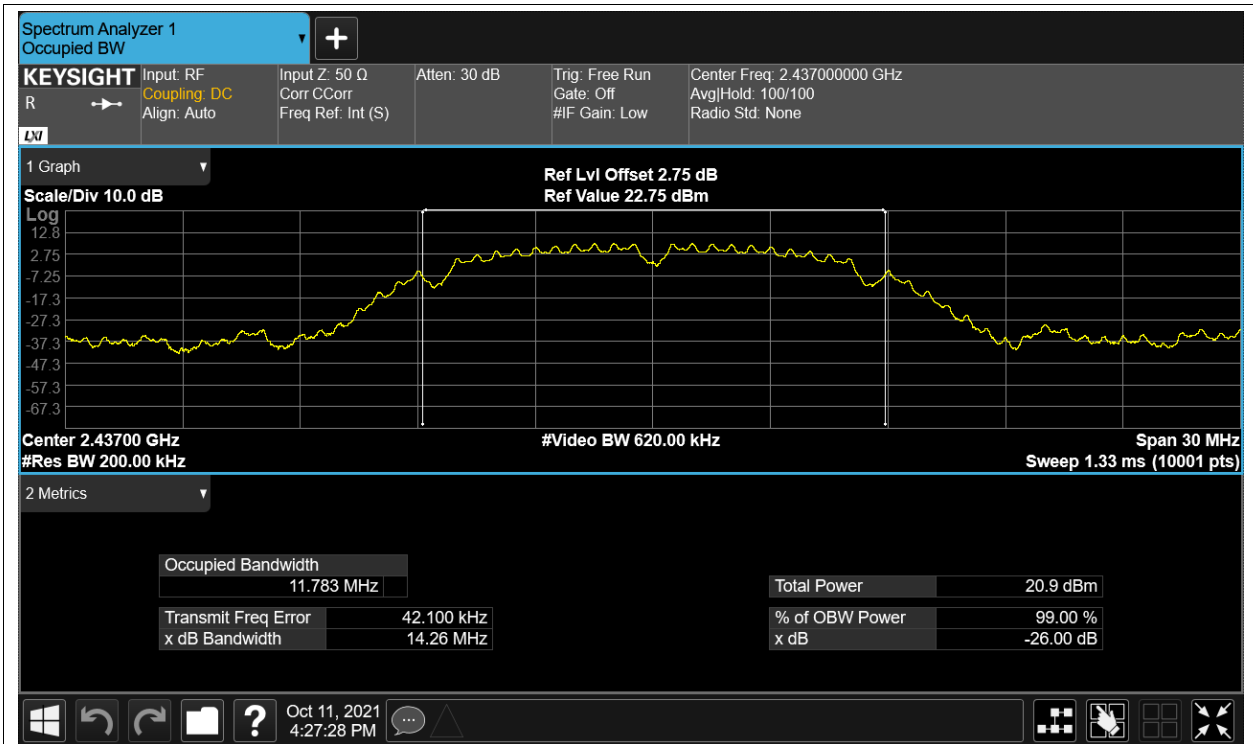




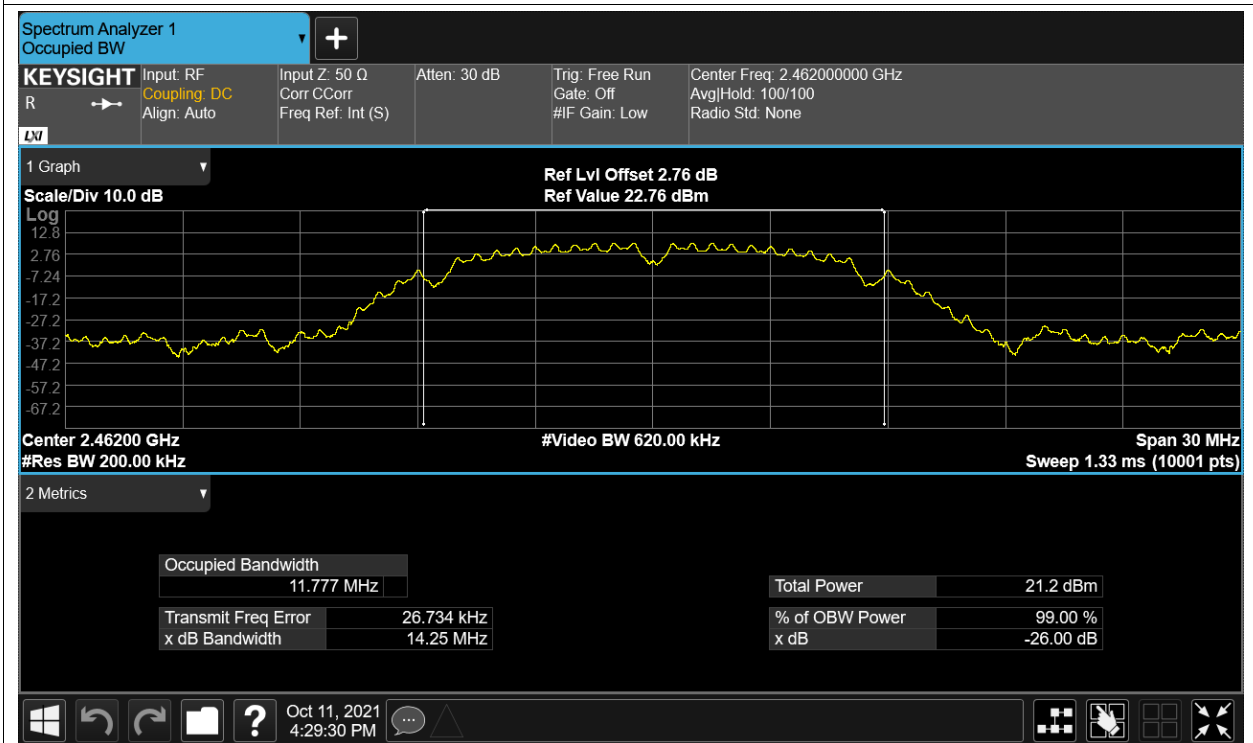
OBW NVNT b 2412MHz Ant2



OBW NVNT b 2437MHz Ant2

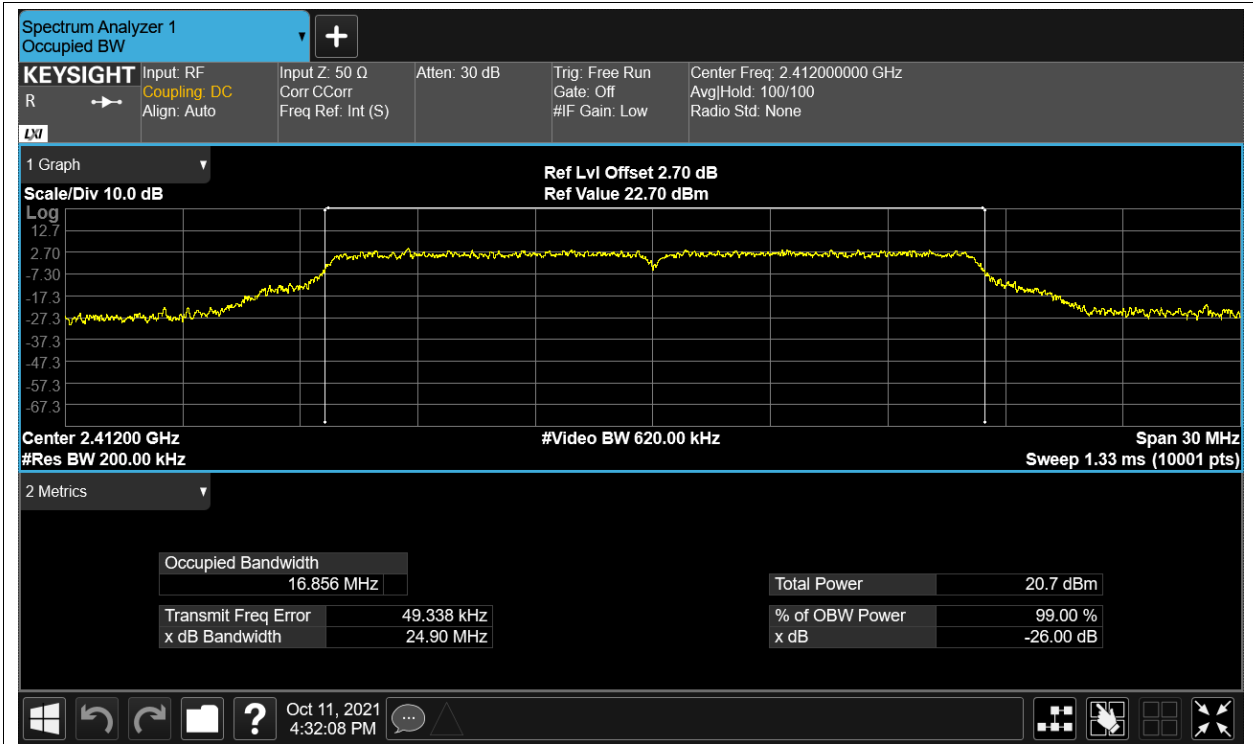


OBW NVNT b 2462MHz Ant2

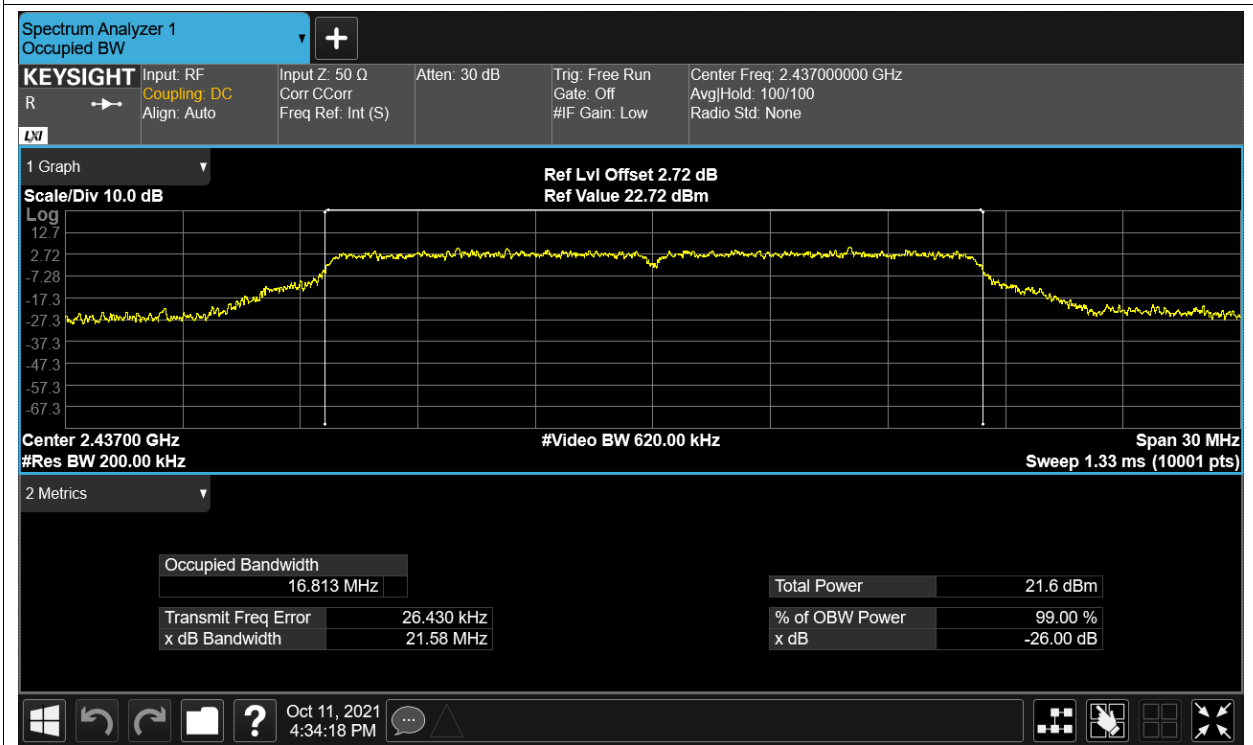


OBW NVNT g 2412MHz Ant1

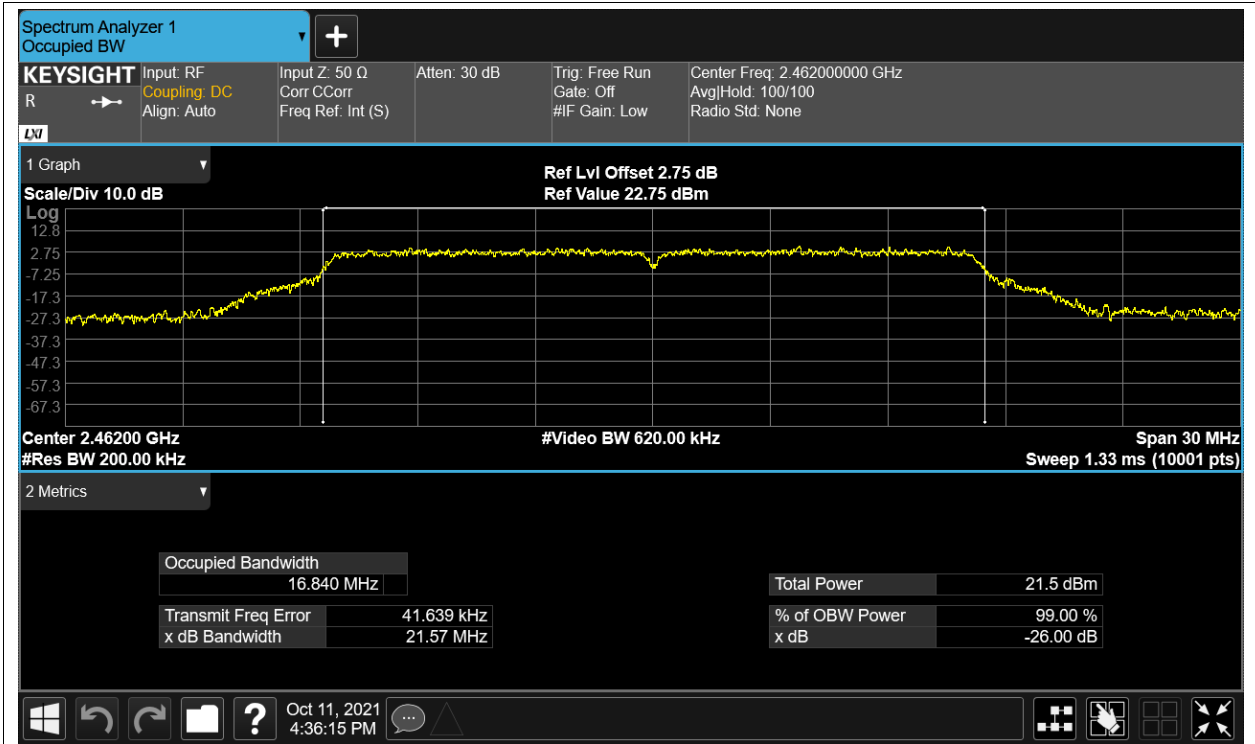




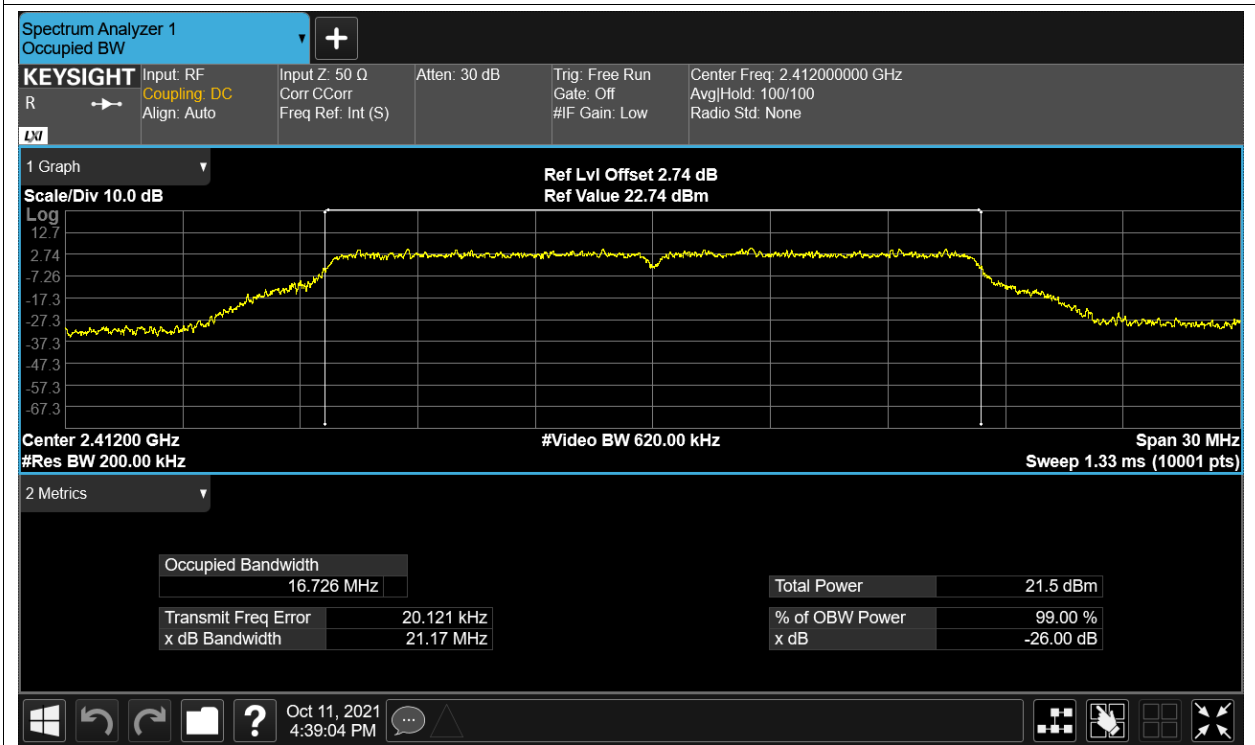
OBW NVNT g 2437MHz Ant1



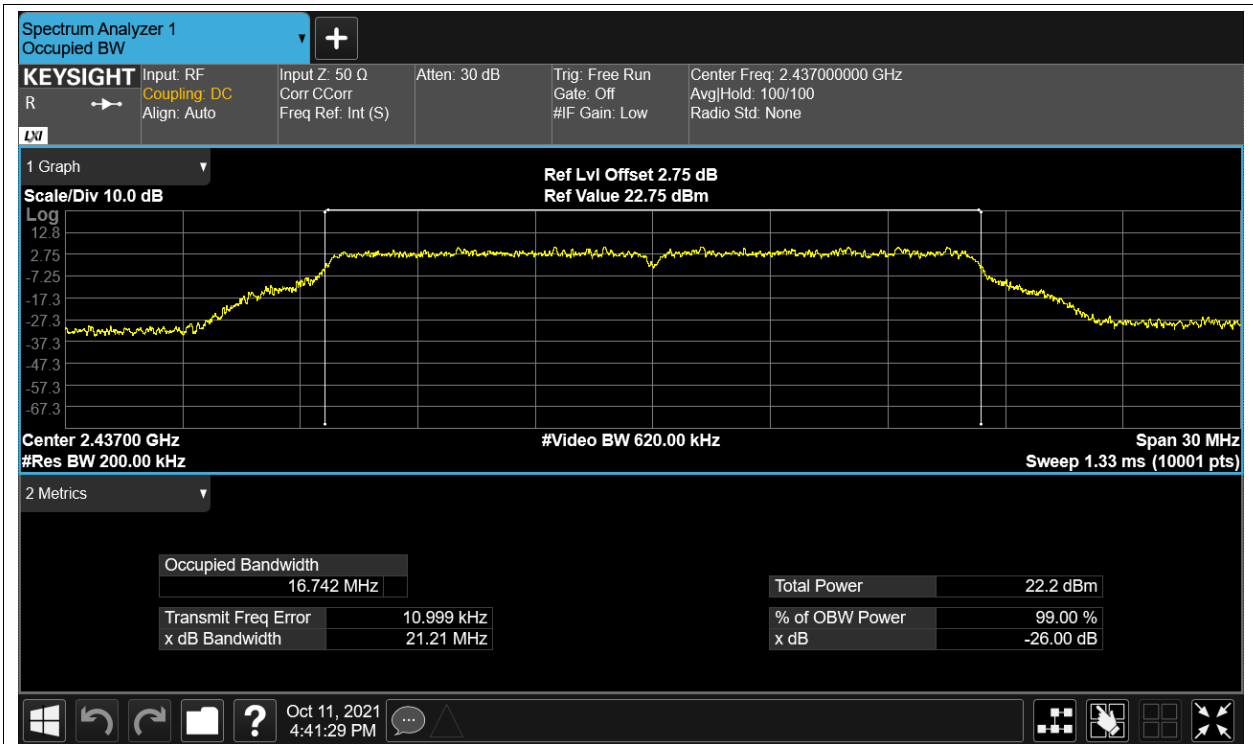
OBW NVNT g 2462MHz Ant1



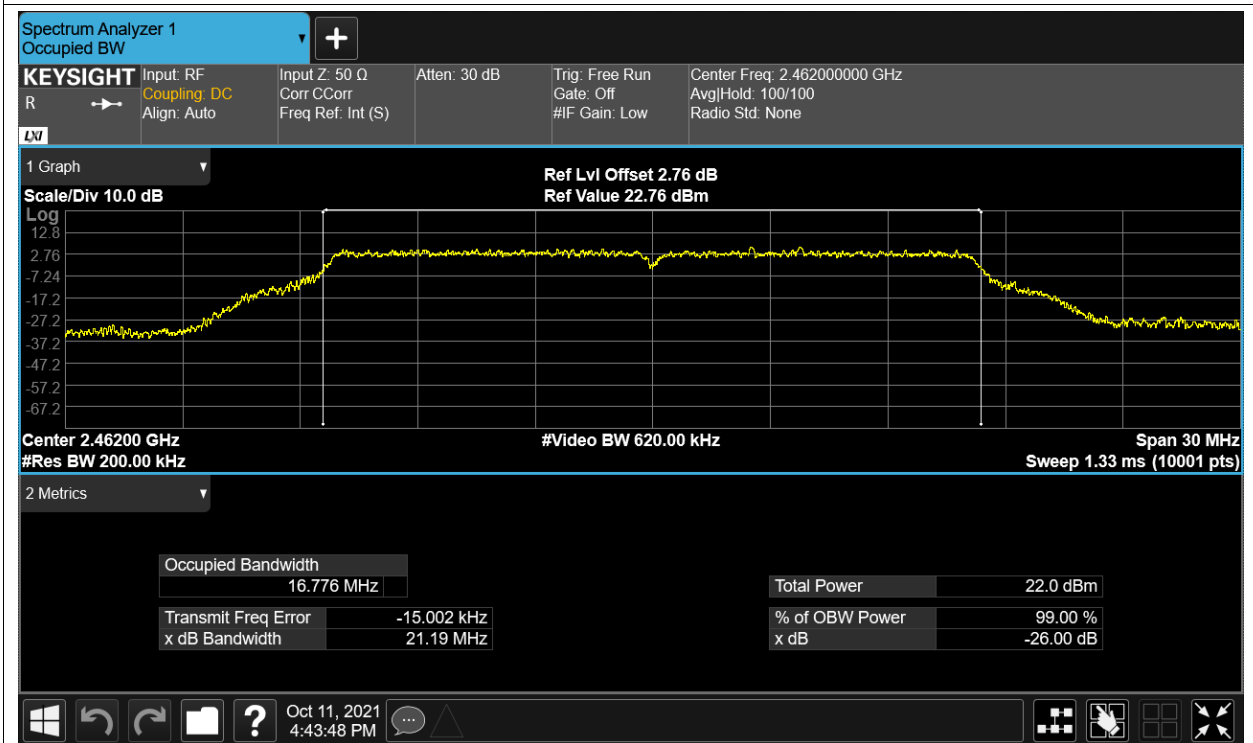
OBW NVNT g 2412MHz Ant2



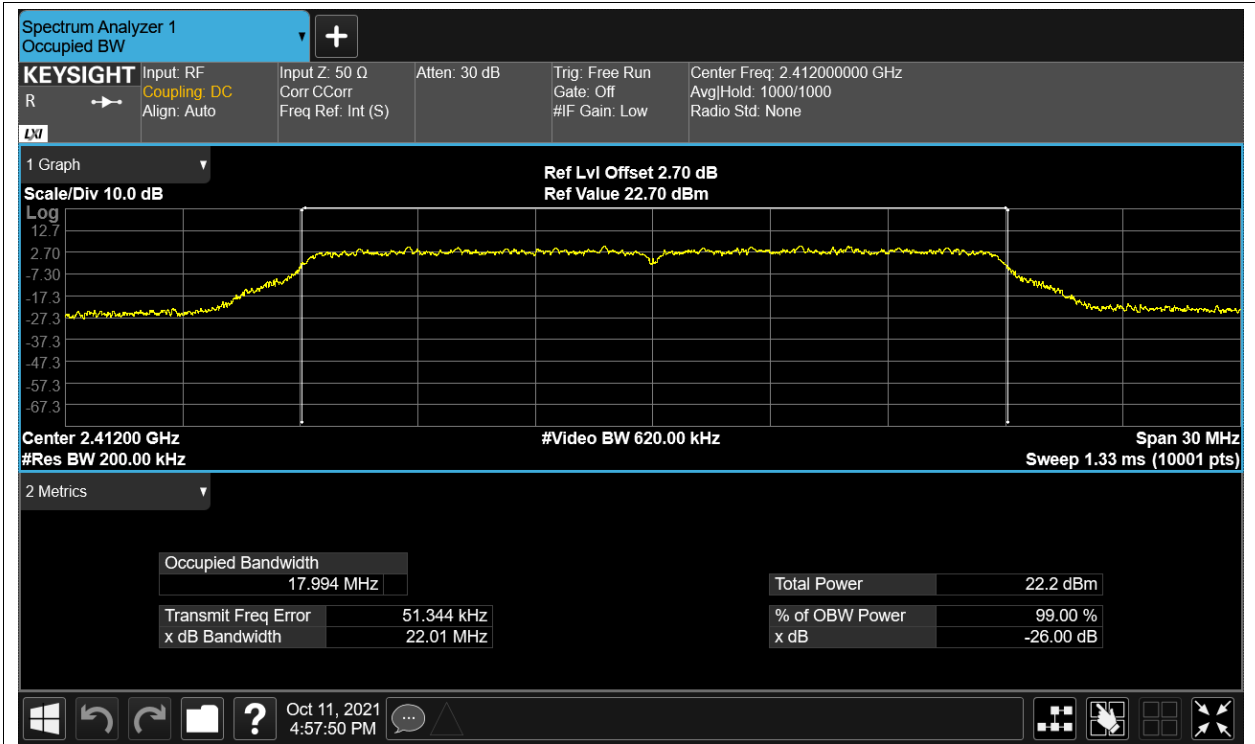
OBW NVNT g 2437MHz Ant2



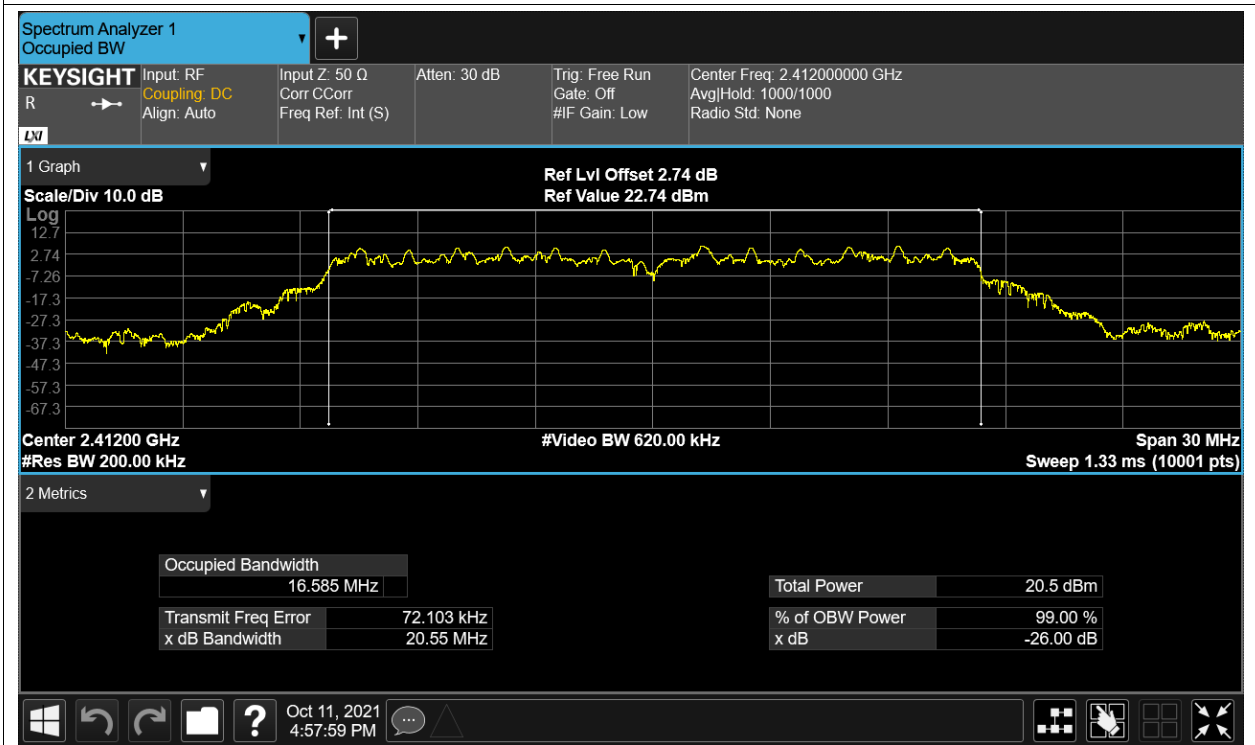
OBW NVNT g 2462MHz Ant2



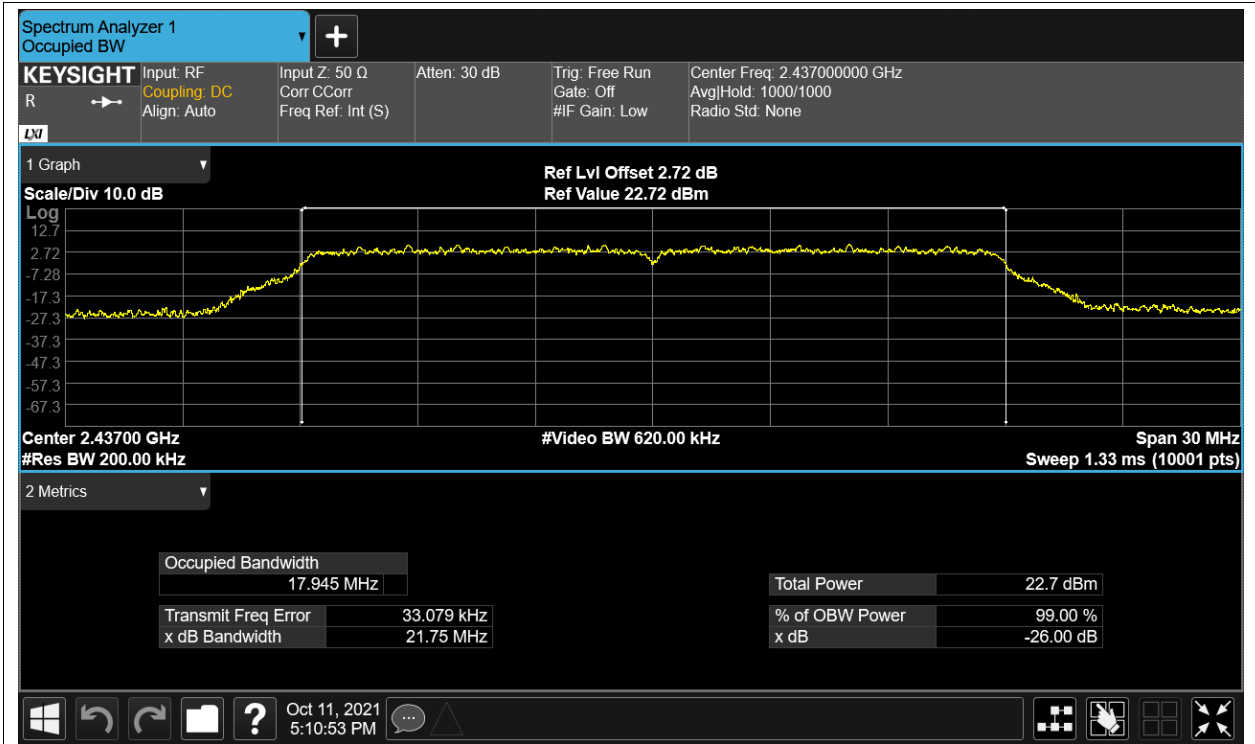
OBW NVNT n20 2412MHz Ant1



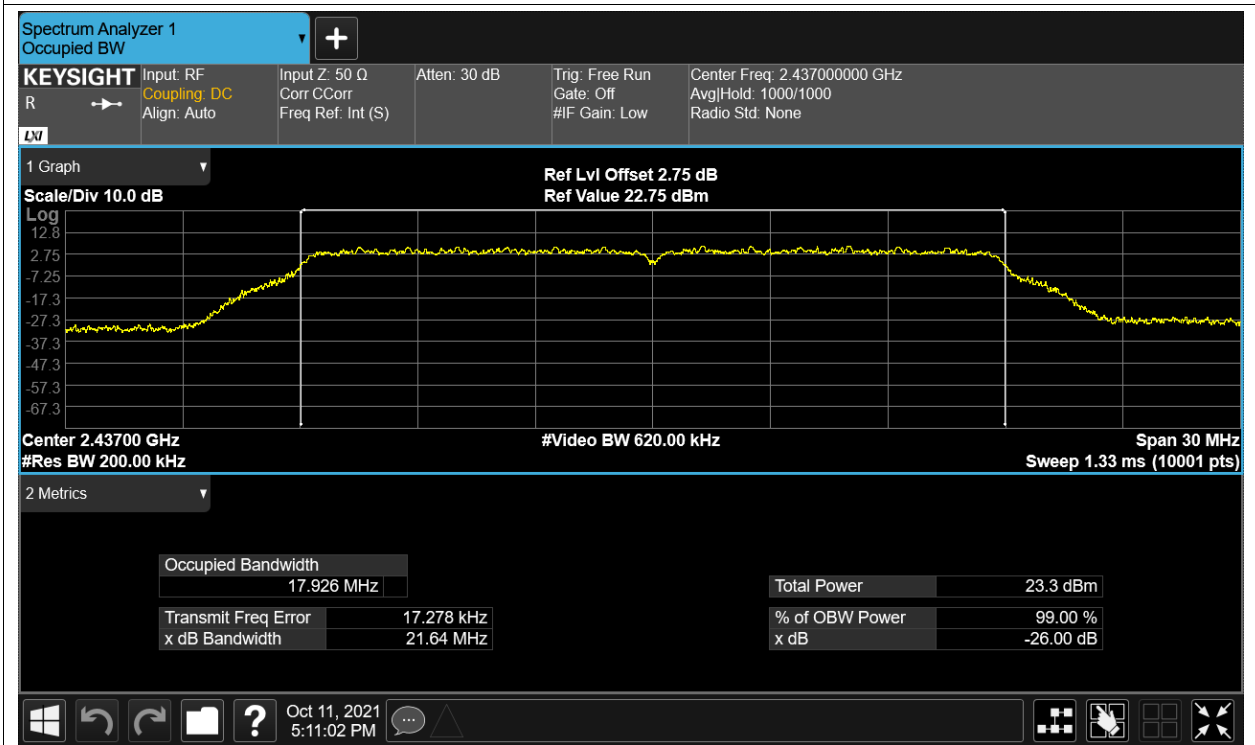
OBW NVNT n20 2412MHz Ant2



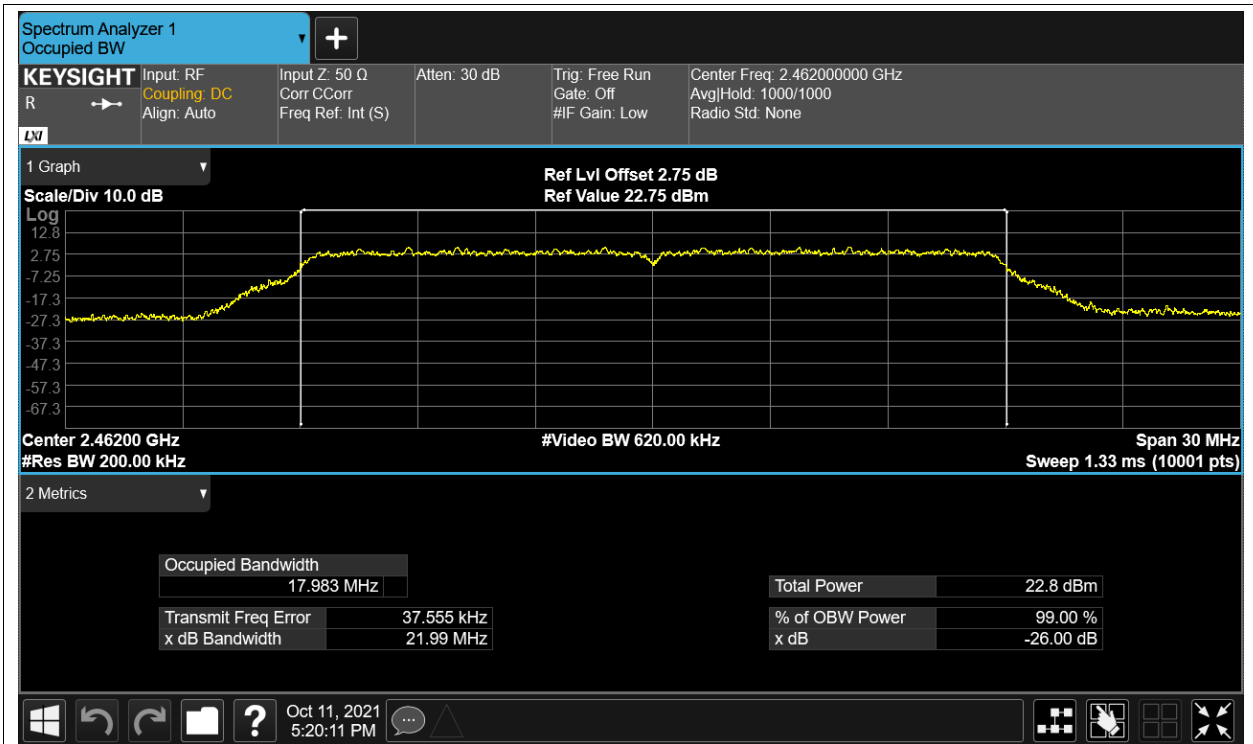
OBW NVNT n20 2437MHz Ant1



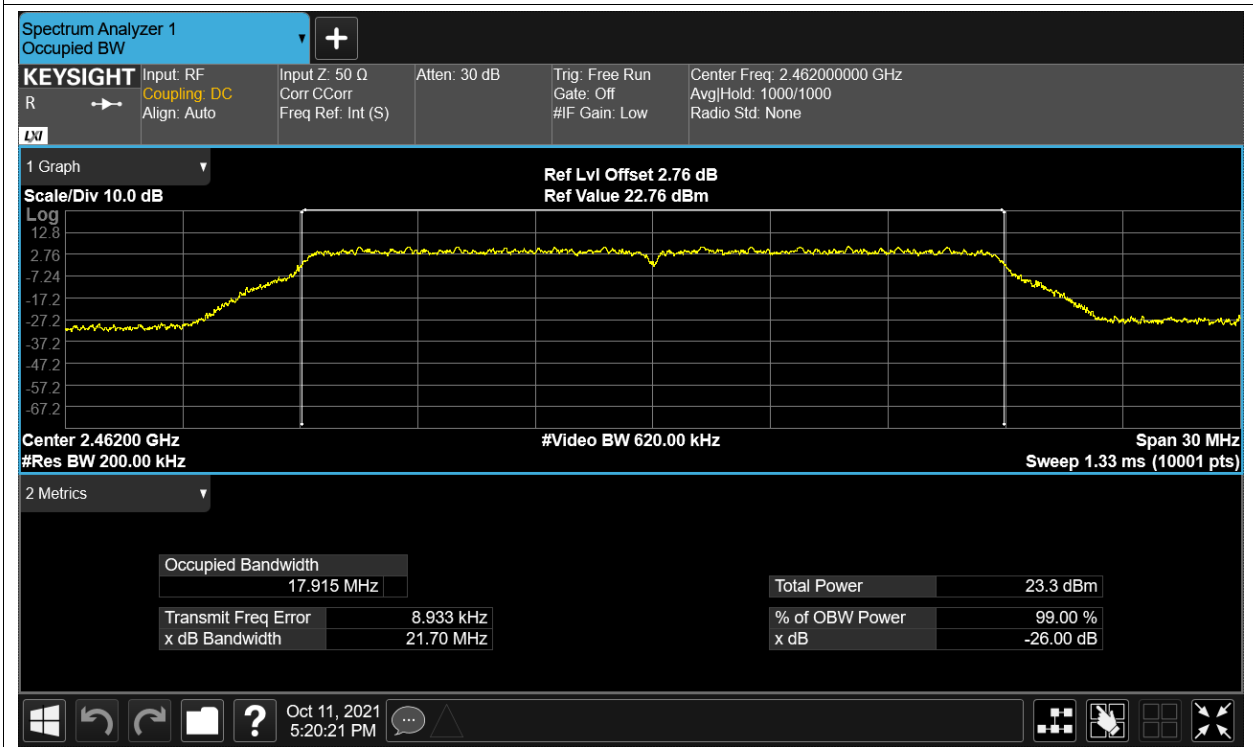
OBW NVNT n20 2437MHz Ant2



OBW NVNT n20 2462MHz Ant1



OBW NVNT n20 2462MHz Ant2

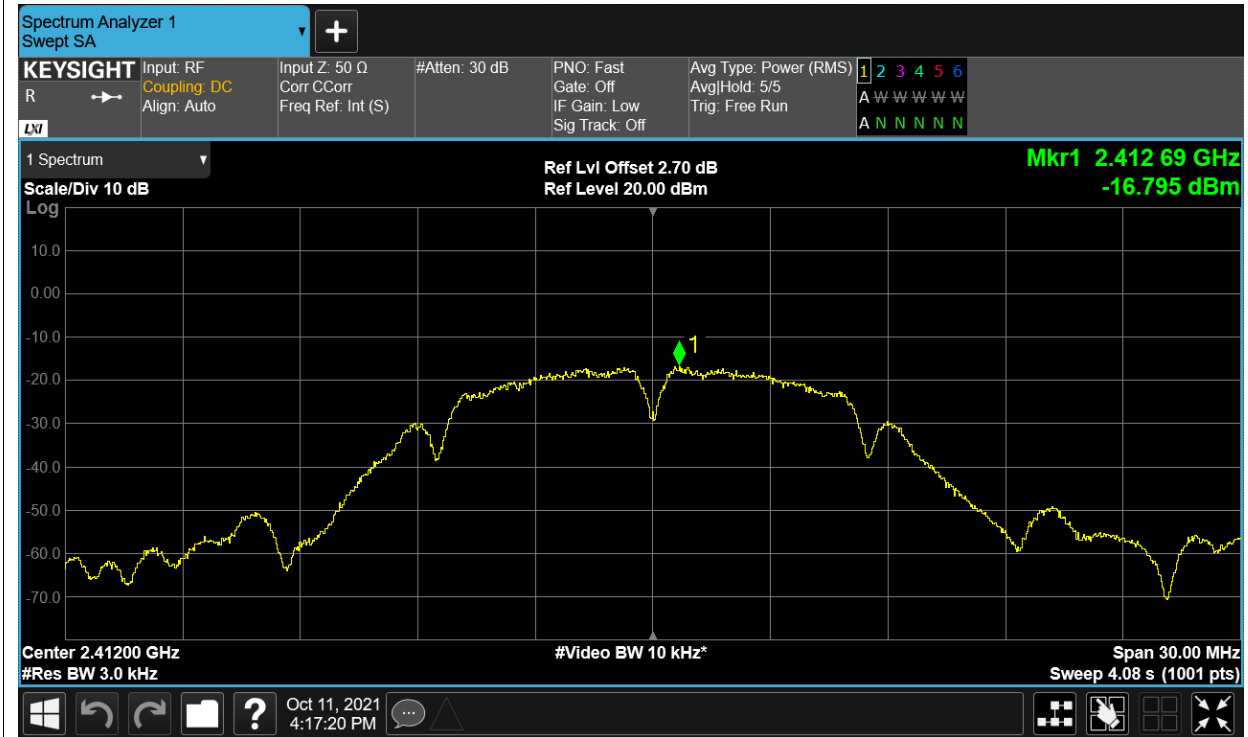


## Maximum Power Spectral Density Level

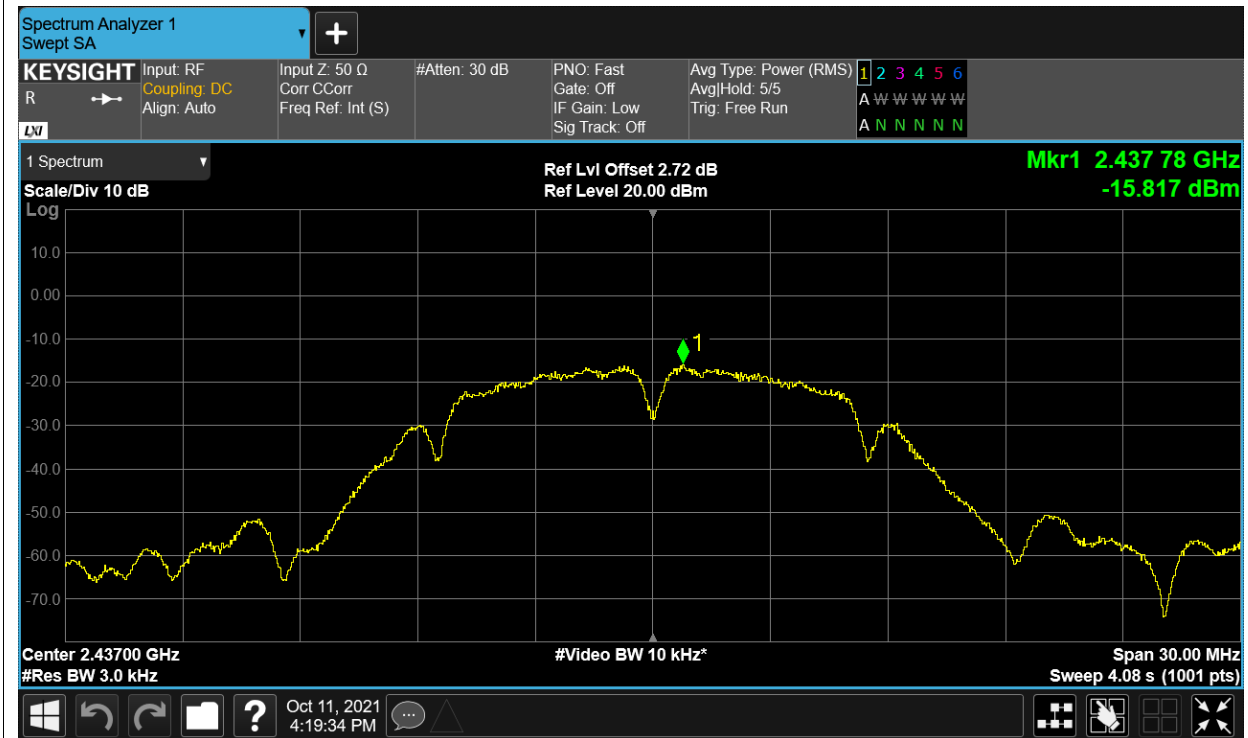
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	-16.795	8	Pass
NVNT	b	2437	Ant1	-15.817	8	Pass
NVNT	b	2462	Ant1	-15.508	8	Pass
NVNT	b	2412	Ant2	-15.821	8	Pass
NVNT	b	2437	Ant2	-15.662	8	Pass
NVNT	b	2462	Ant2	-15.319	8	Pass
NVNT	g	2412	Ant1	-19.131	8	Pass
NVNT	g	2437	Ant1	-18.164	8	Pass
NVNT	g	2462	Ant1	-17.932	8	Pass
NVNT	g	2412	Ant2	-18.505	8	Pass
NVNT	g	2437	Ant2	-17.645	8	Pass
NVNT	g	2462	Ant2	-17.678	8	Pass
NVNT	g	2462	Ant2	-14.768	8	Pass
NVNT	n20	2412	Ant1	-19.545	8	Pass
NVNT	n20	2412	Ant2	-21.189	8	Pass
NVNT	n20	2412	Sum	-17.279	8	Pass
NVNT	n20	2437	Ant1	-17.452	8	Pass
NVNT	n20	2437	Ant2	-16.773	8	Pass
NVNT	n20	2437	Sum	-14.089	8	Pass
NVNT	n20	2462	Ant1	-17.268	8	Pass
NVNT	n20	2462	Ant2	-15.921	8	Pass
NVNT	n20	2462	Sum	-13.532	8	Pass

Test Graphs

PSD NVNT b 2412MHz Ant1

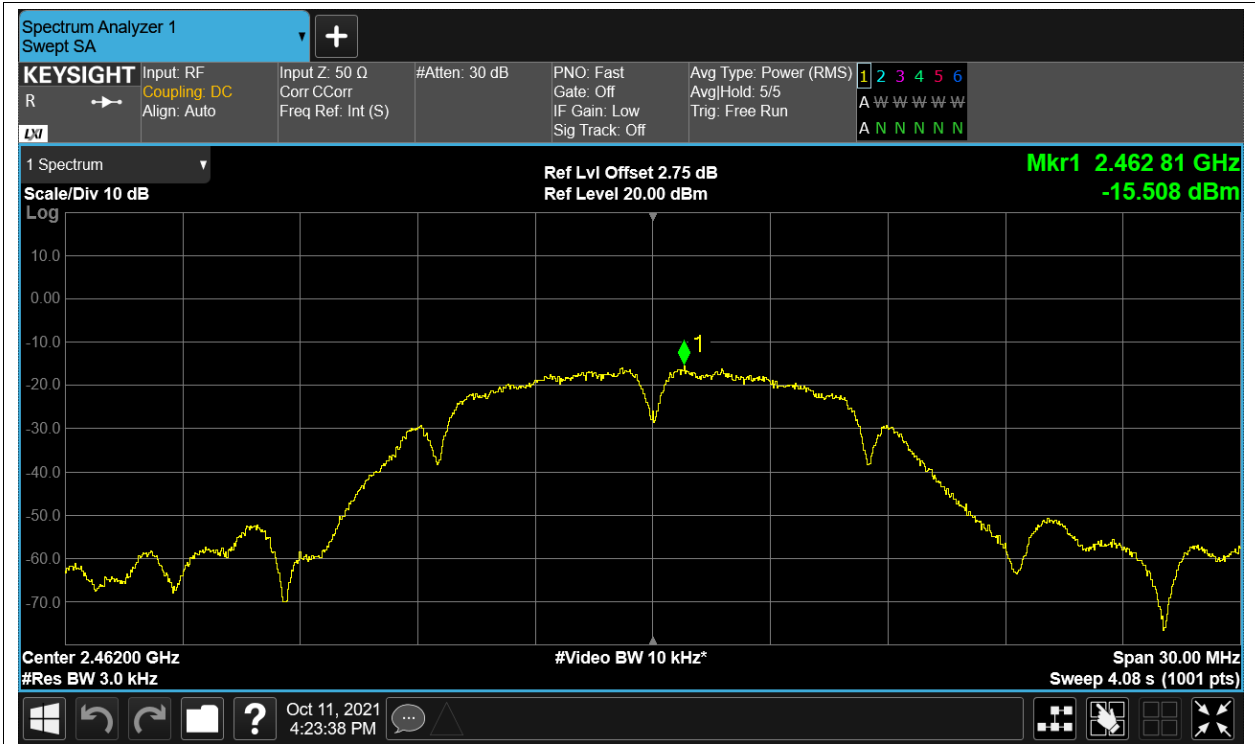


PSD NVNT b 2437MHz Ant1

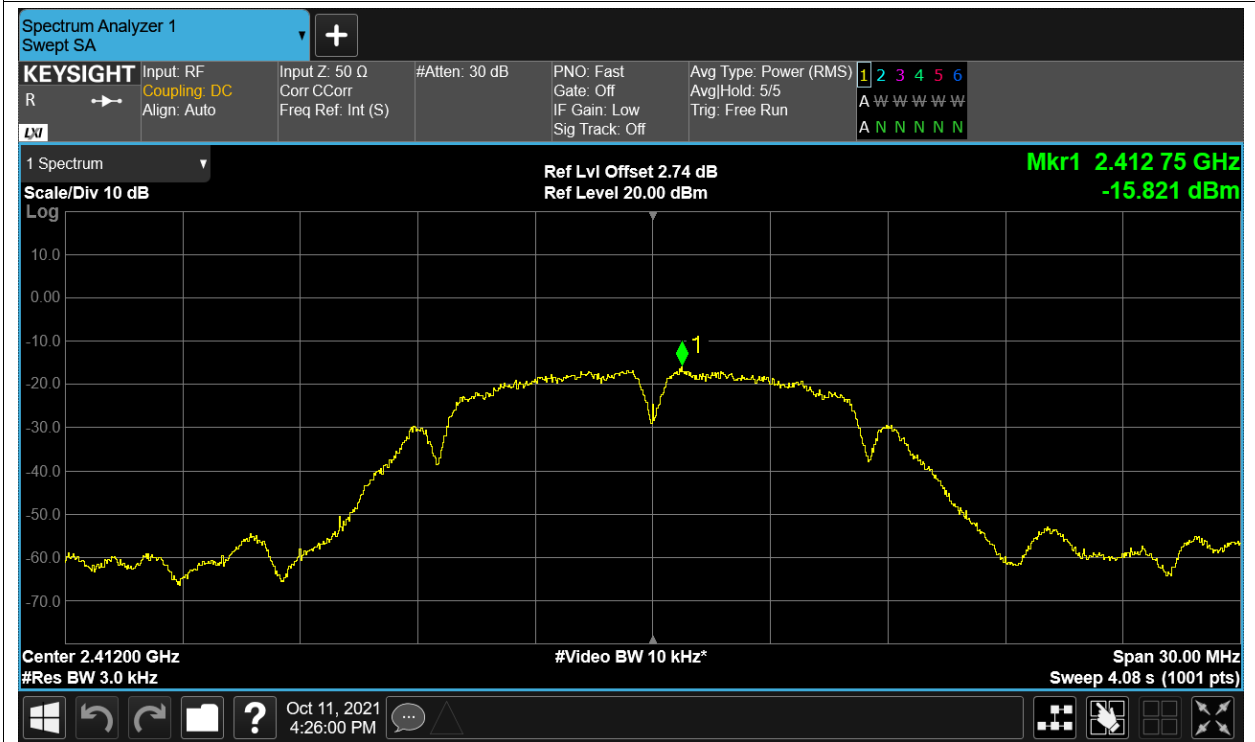


PSD NVNT b 2462MHz Ant1

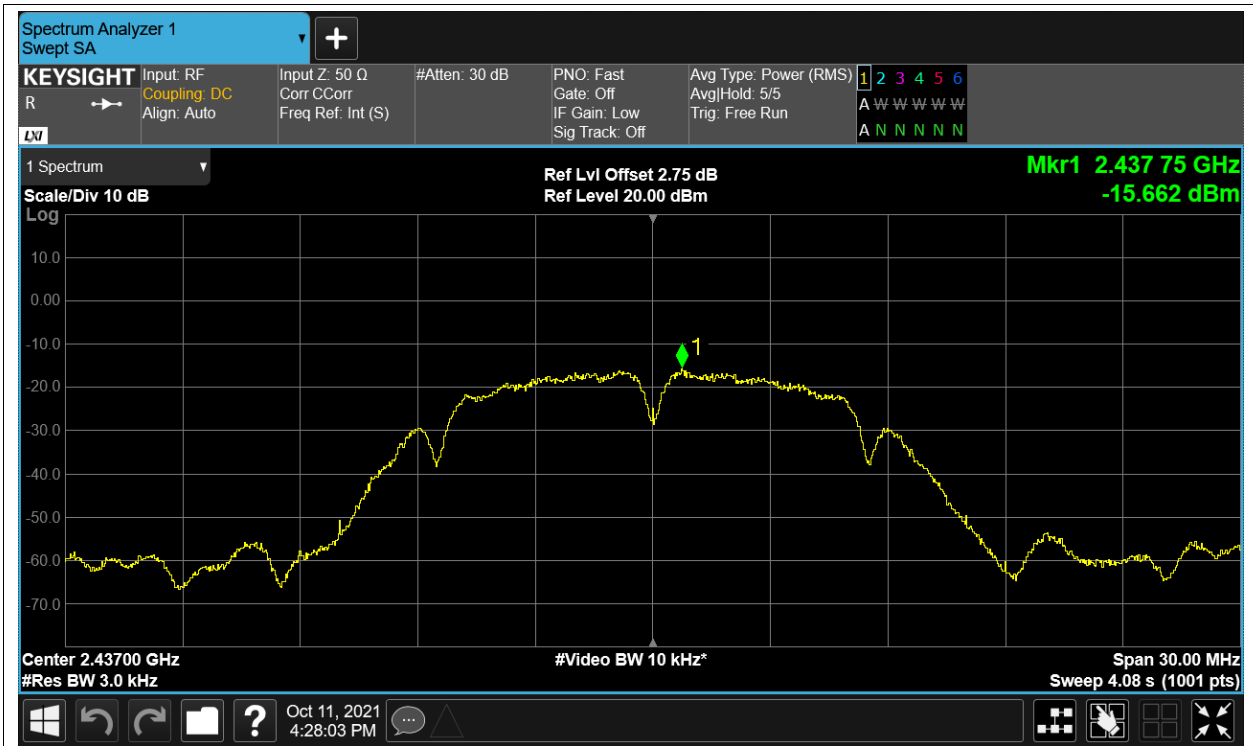




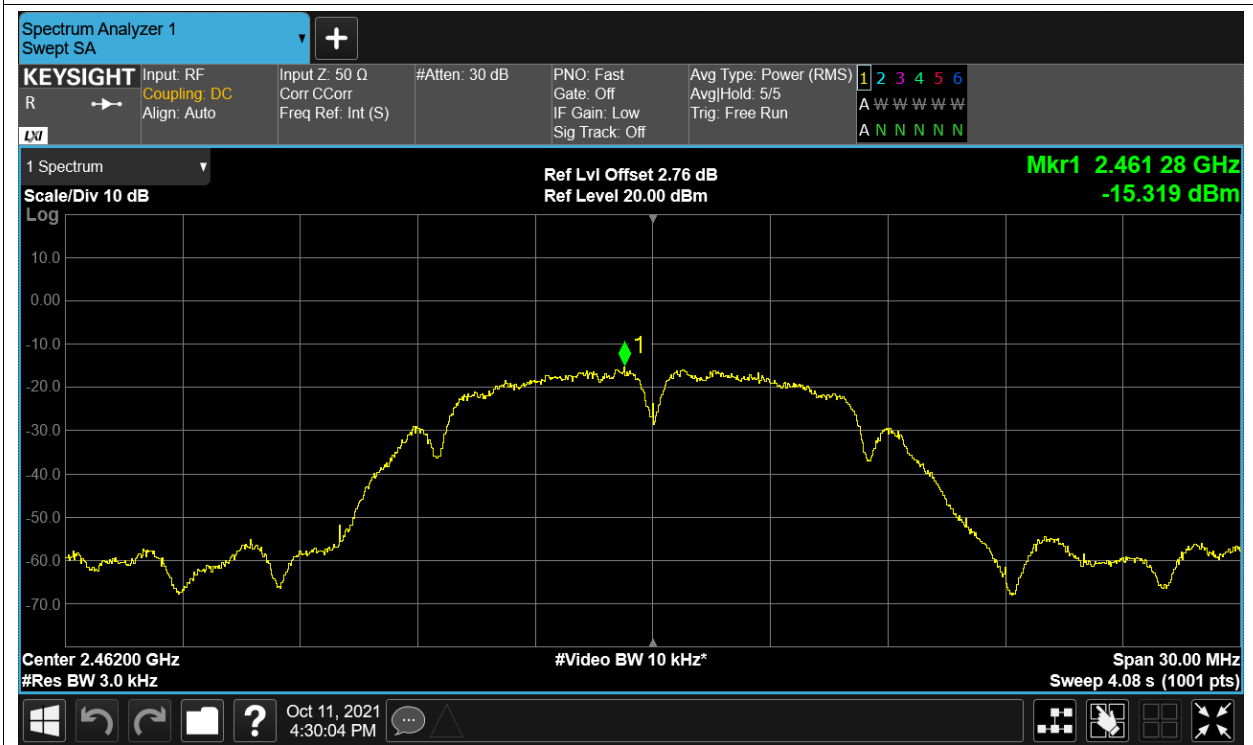
PSD NVNT b 2412MHz Ant2



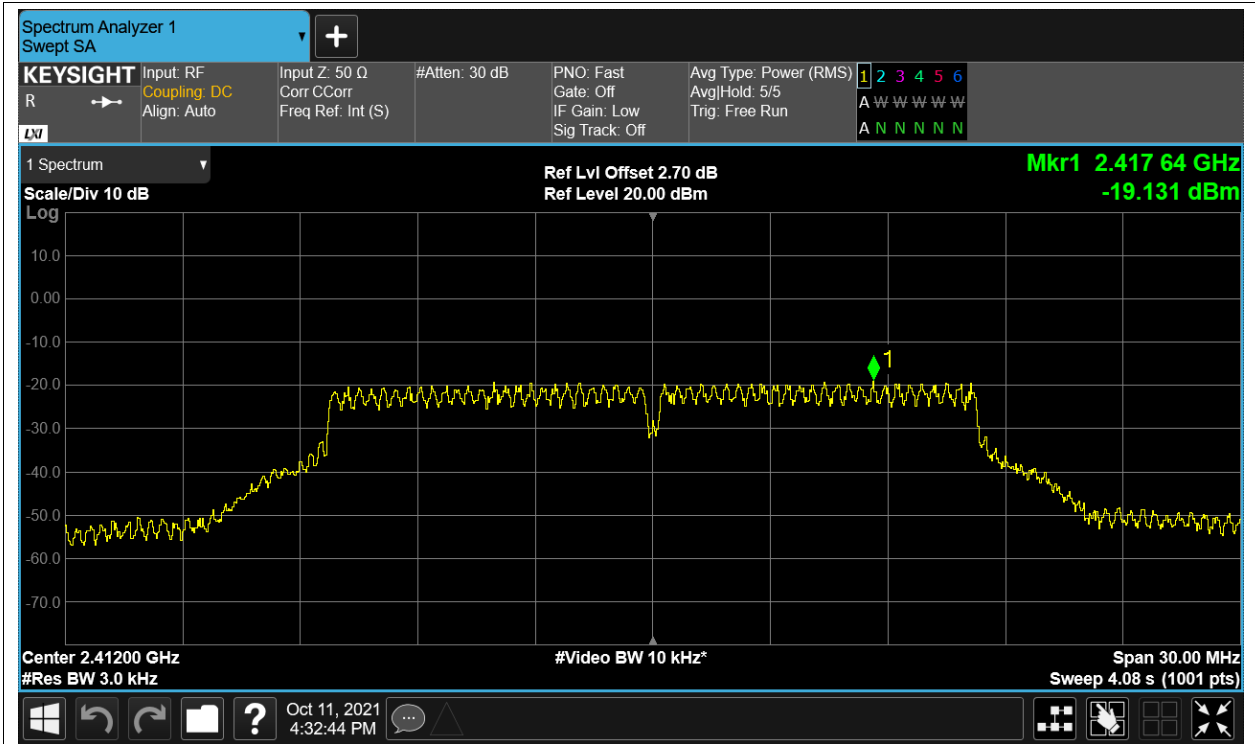
PSD NVNT b 2437MHz Ant2



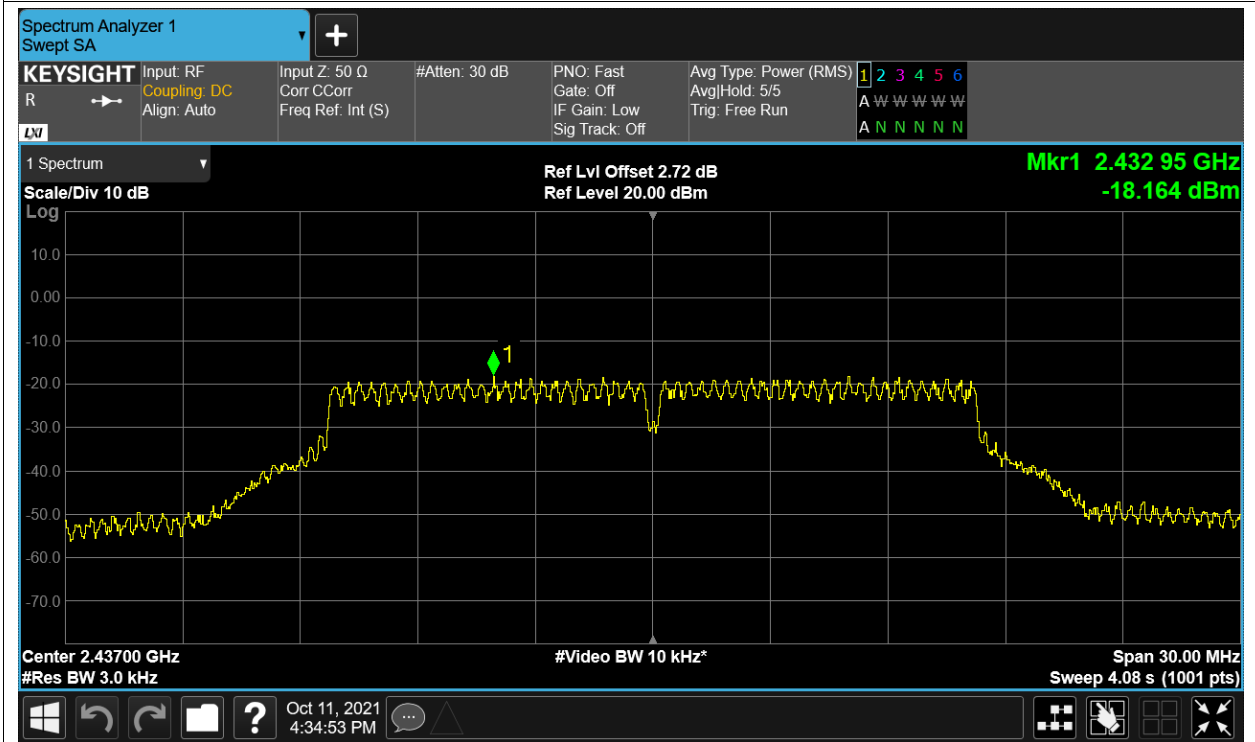
PSD NVNT b 2462MHz Ant2



PSD NVNT g 2412MHz Ant1



PSD NVNT g 2437MHz Ant1



PSD NVNT g 2462MHz Ant1