

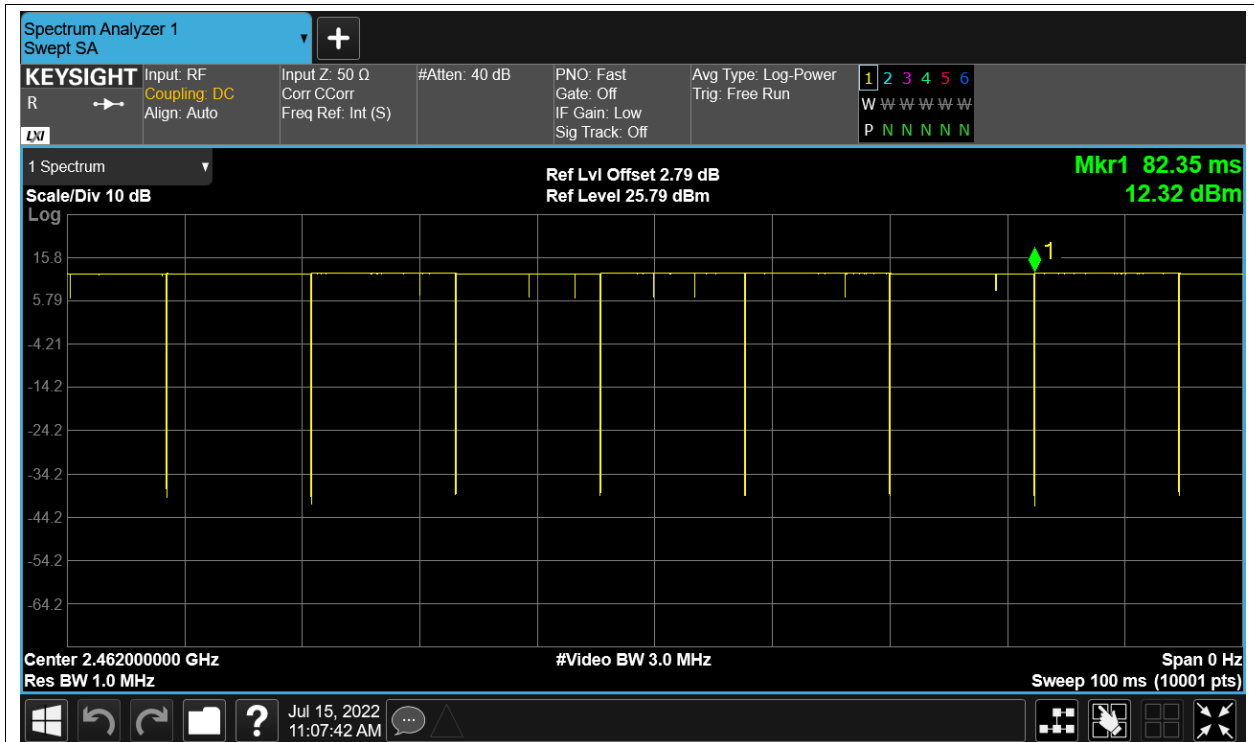
Test Data

Duty Cycle

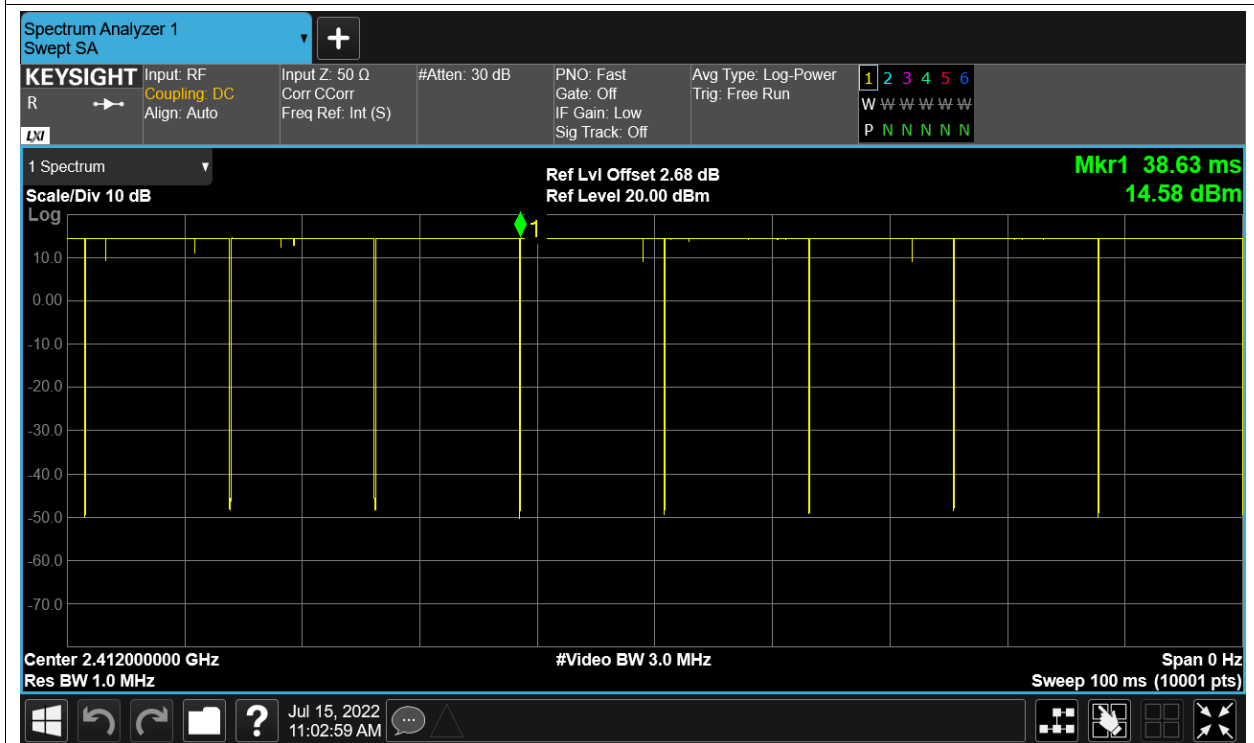
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	b	2412	Ant1	99.94	0
NVNT	b	2437	Ant1	99.17	0.04
NVNT	b	2462	Ant1	99.98	0
NVNT	b	2412	Ant2	99.24	0.03
NVNT	b	2437	Ant2	99.26	0.03
NVNT	b	2462	Ant2	99.25	0.03
NVNT	g	2412	Ant1	98.87	0.05
NVNT	g	2437	Ant1	98.91	0.05
NVNT	g	2462	Ant1	98.8	0.05
NVNT	g	2412	Ant2	98.8	0.05
NVNT	g	2437	Ant2	98.8	0.05
NVNT	g	2462	Ant2	98.8	0.05
NVNT	n20	2412	Sum	98.7	0.06
NVNT	n20	2437	Sum	98.7	0.06
NVNT	n20	2462	Sum	98.7	0.06
NVNT	n40	2422	Sum	96.05	0.18
NVNT	n40	2437	Sum	96.06	0.17
NVNT	n40	2452	Sum	96.05	0.18

Duty Cycle NVNT b 2412MHz Ant1

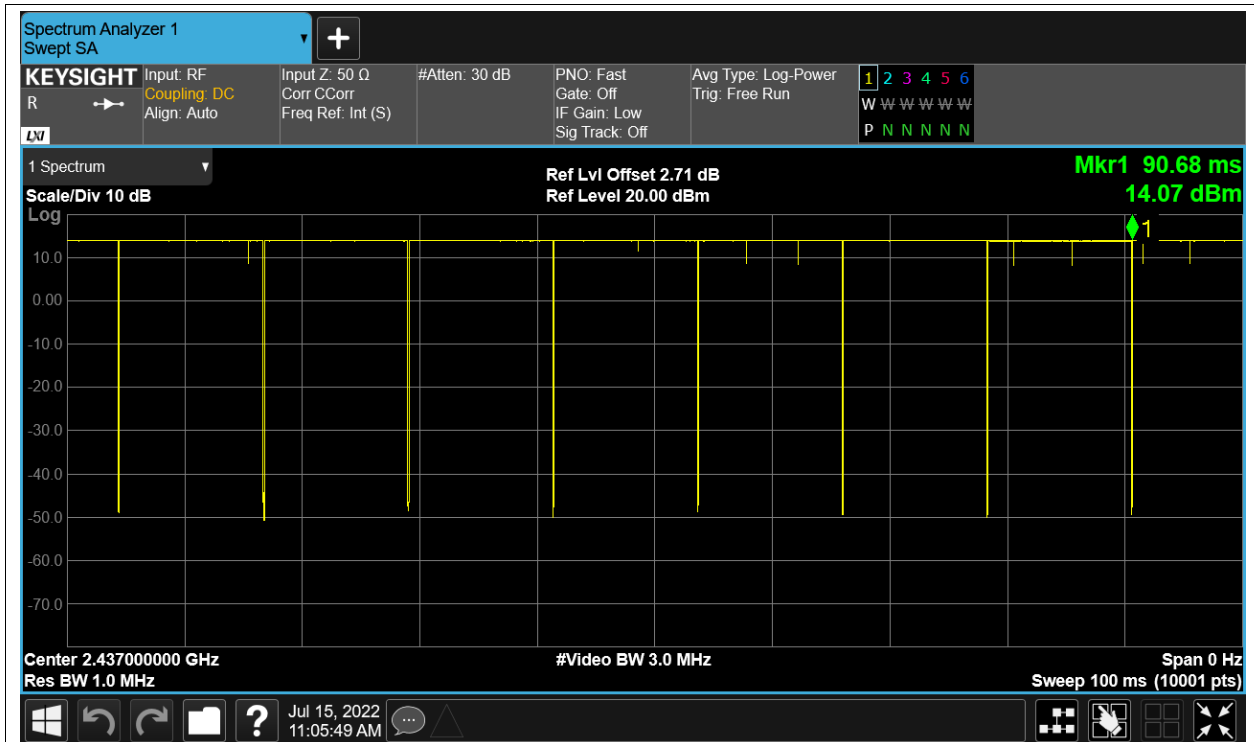




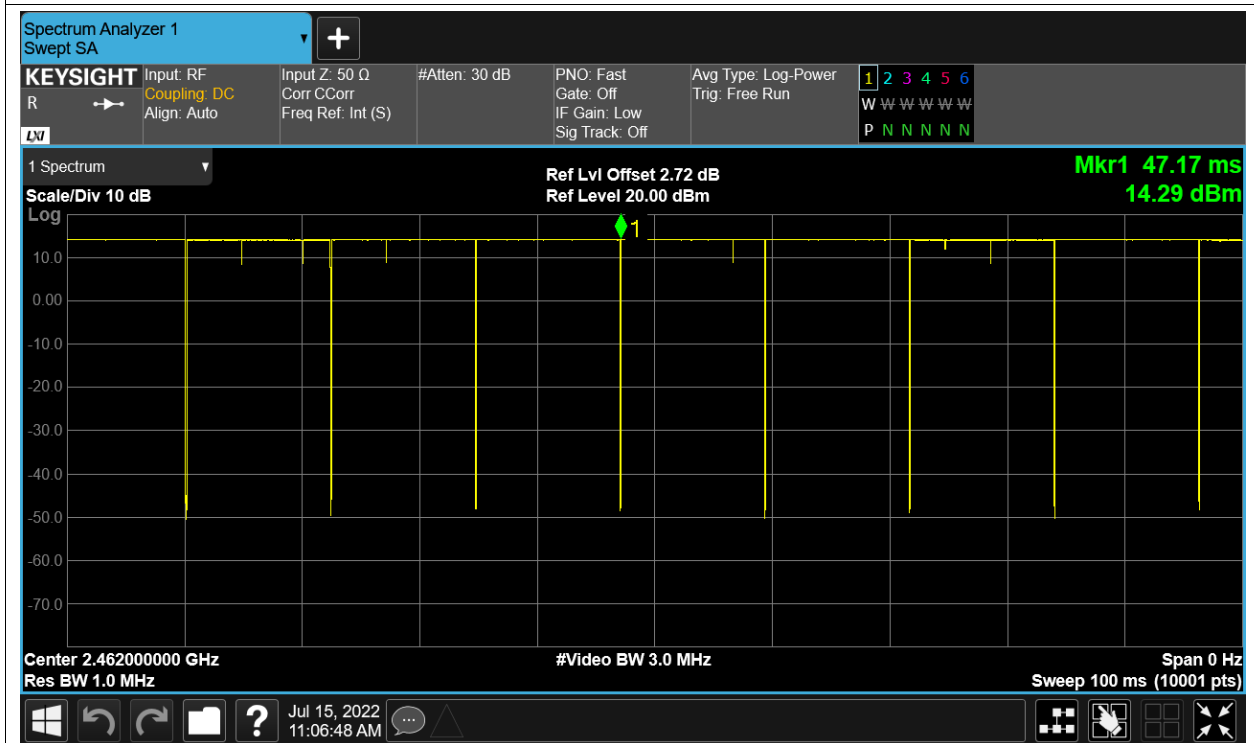
Duty Cycle NVNT b 2412MHz Ant2



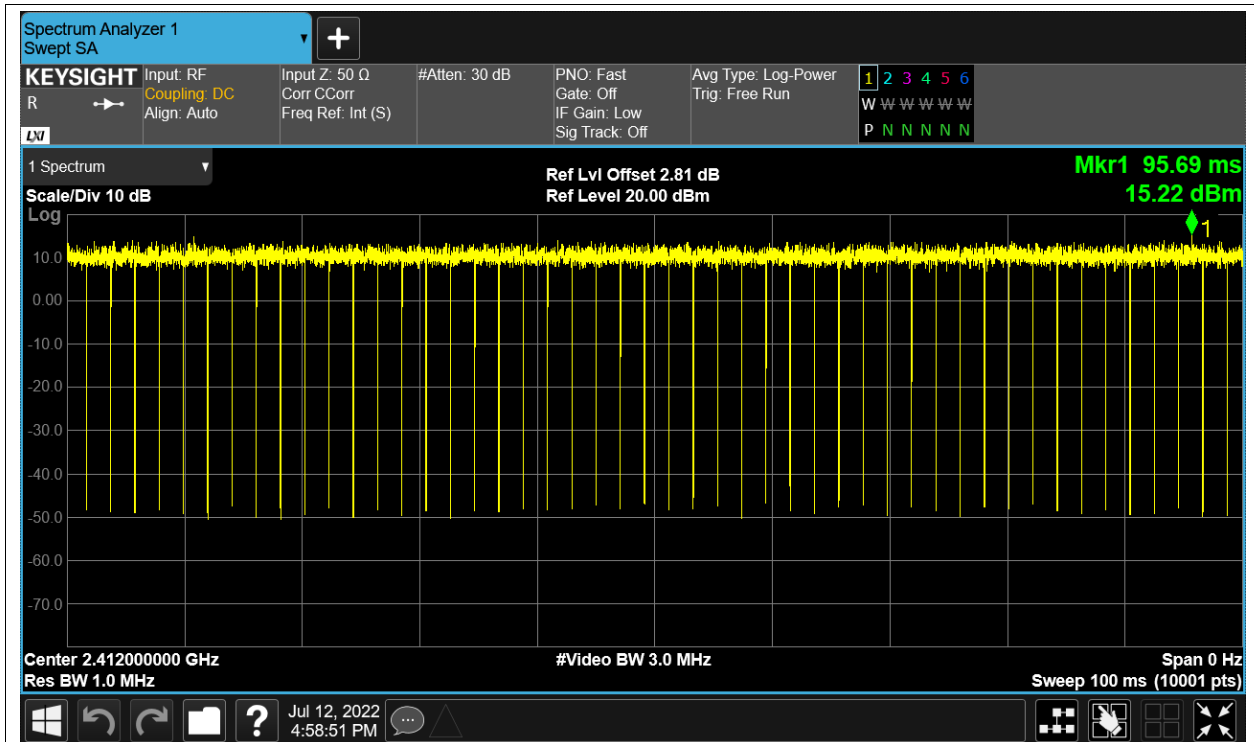
Duty Cycle NVNT b 2437MHz Ant2



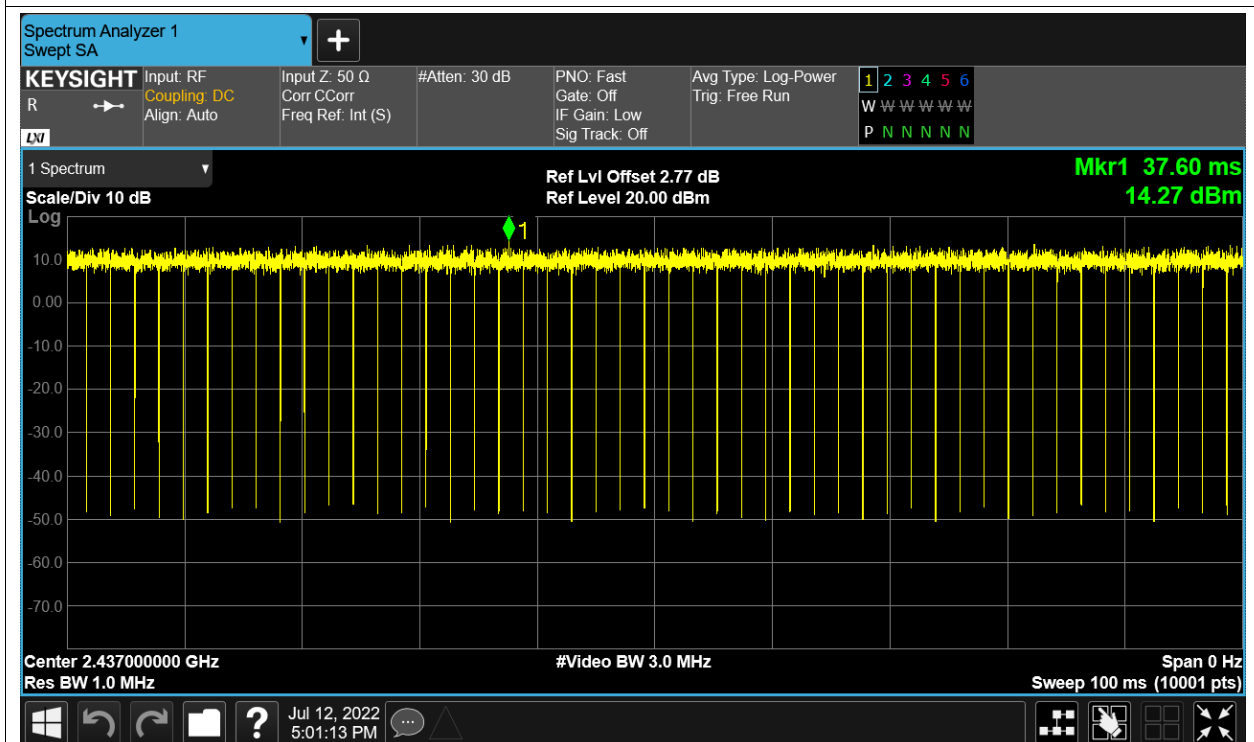
Duty Cycle NVNT b 2462MHz Ant2



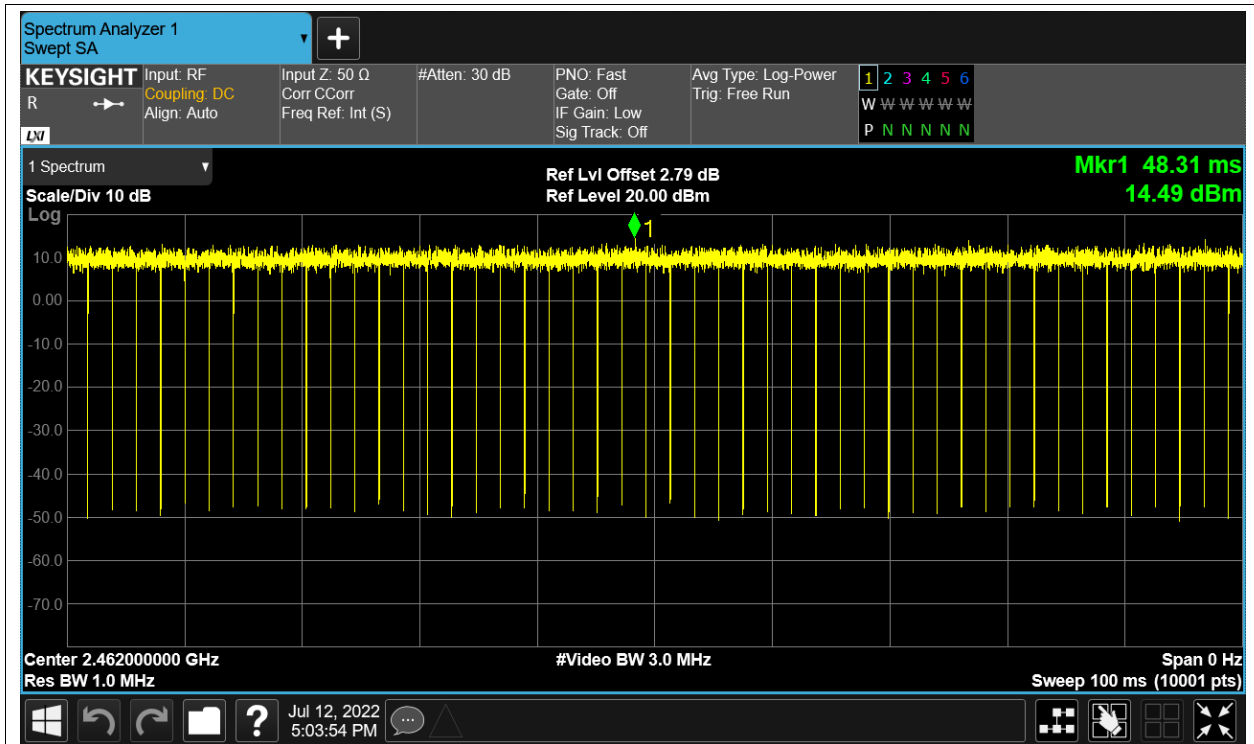
Duty Cycle NVNT g 2412MHz Ant1



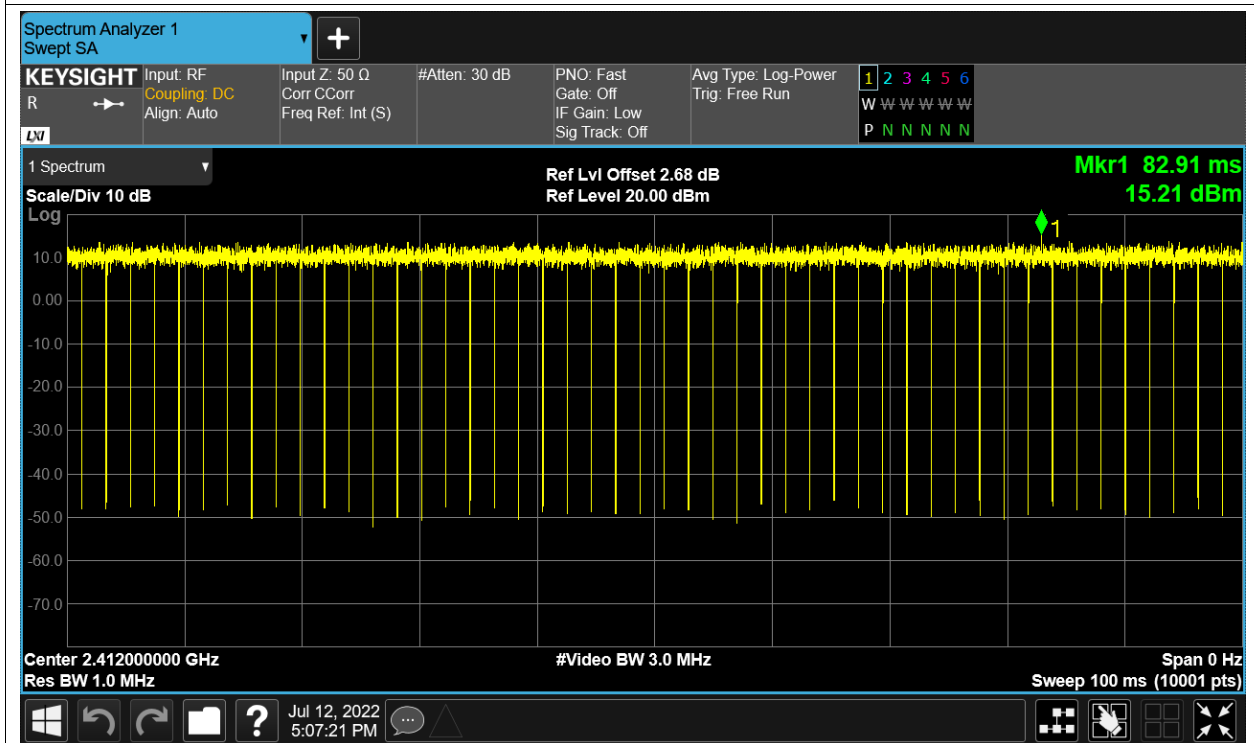
Duty Cycle NVNT g 2437MHz Ant1



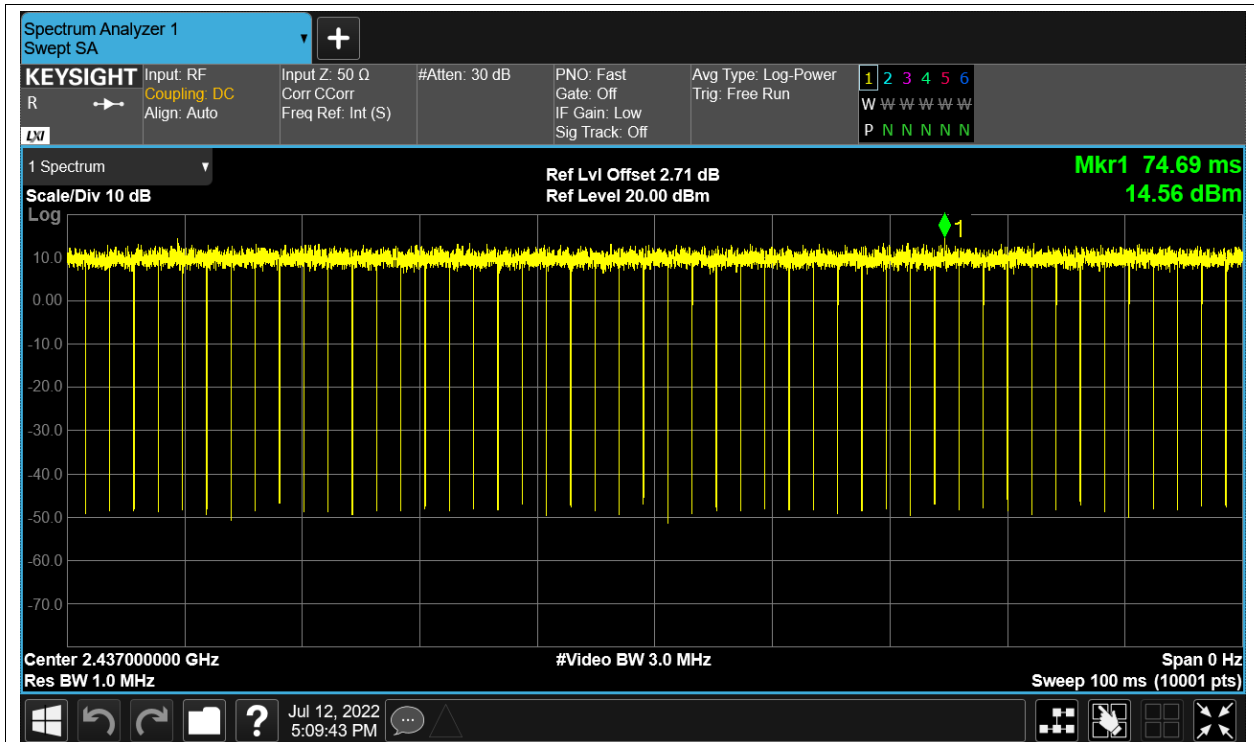
Duty Cycle NVNT g 2462MHz Ant1



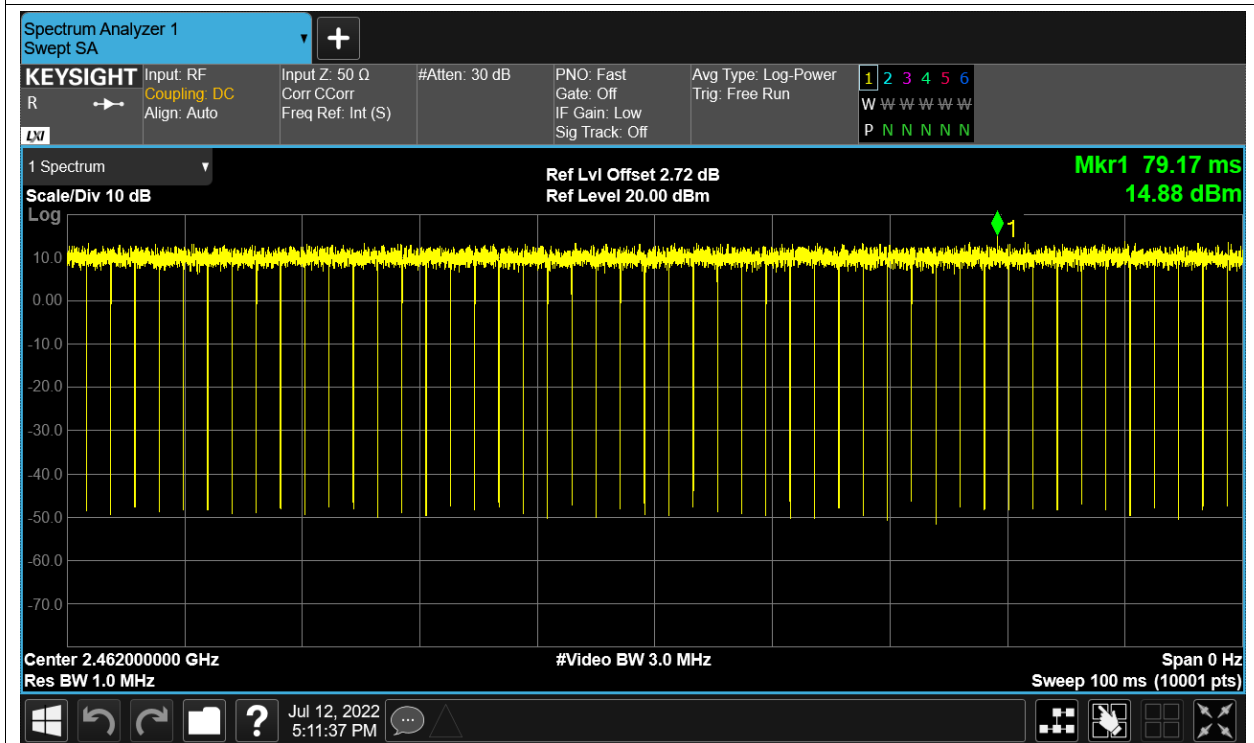
Duty Cycle NVNT g 2412MHz Ant2



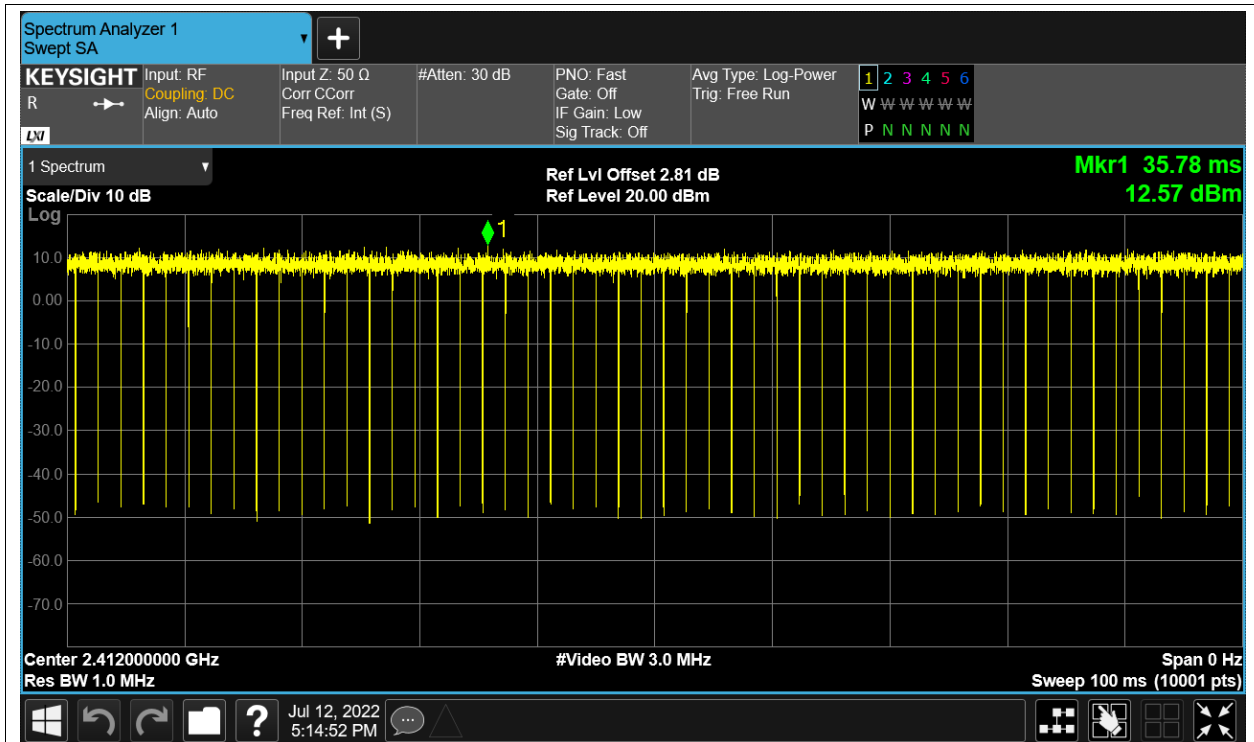
Duty Cycle NVNT g 2437MHz Ant2



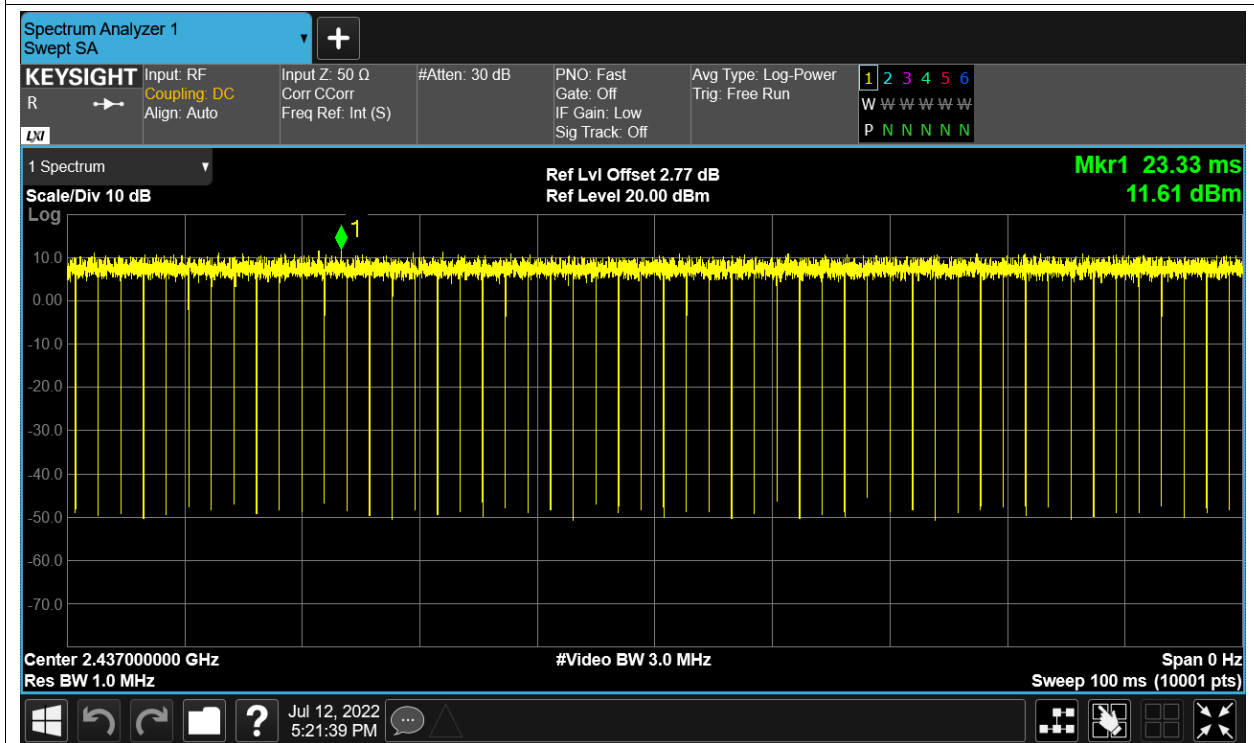
Duty Cycle NVNT g 2462MHz Ant2



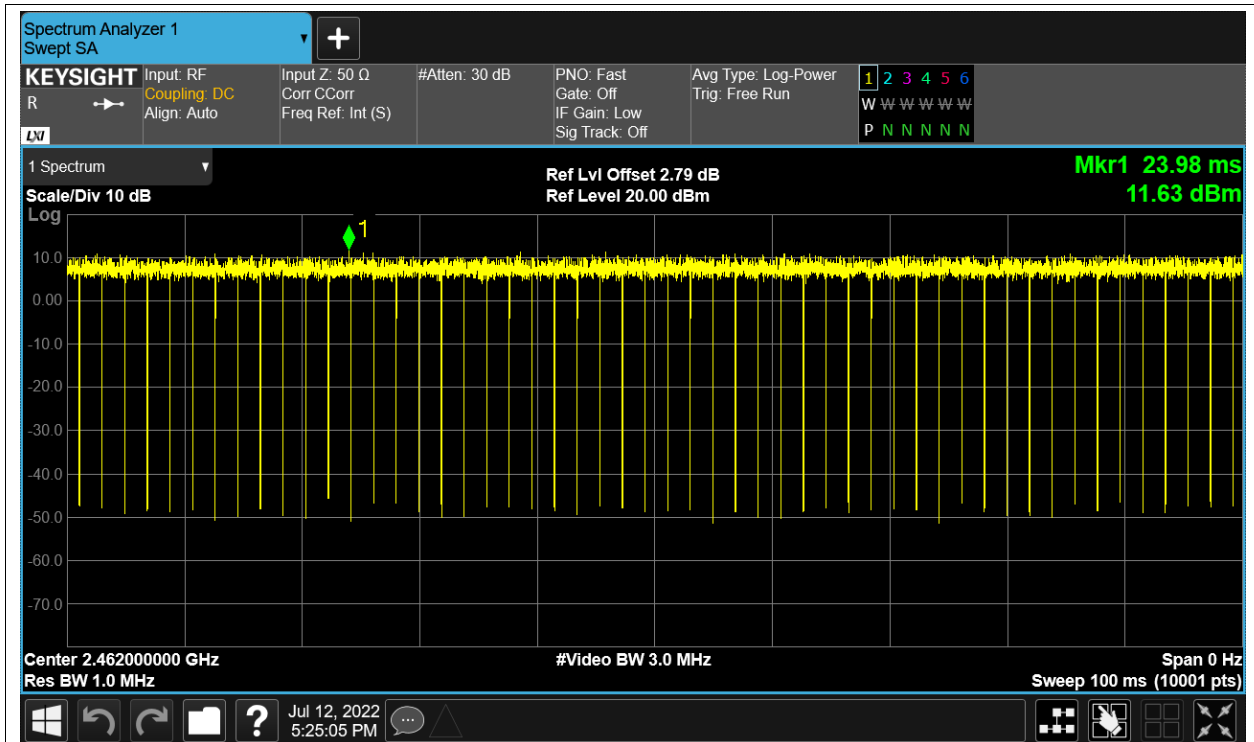
Duty Cycle NVNT n20 2412MHz Sum



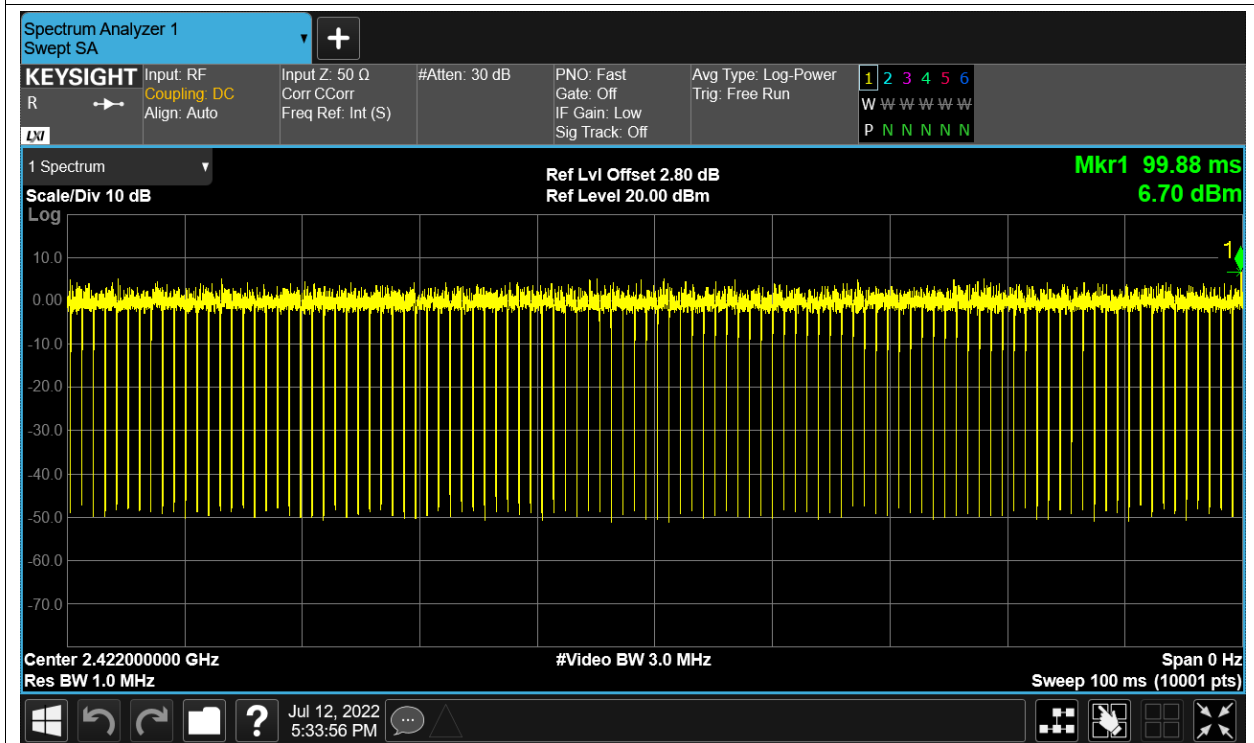
Duty Cycle NVNT n20 2437MHz Sum



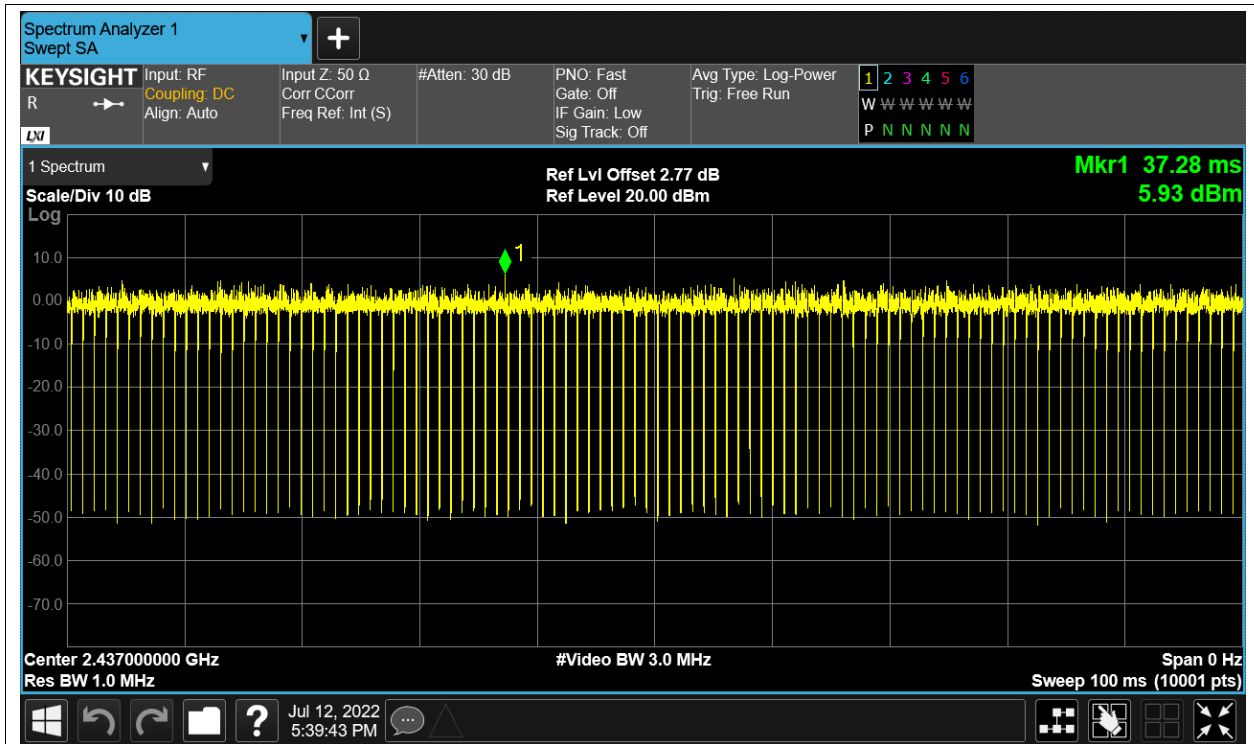
Duty Cycle NVNT n20 2462MHz Sum



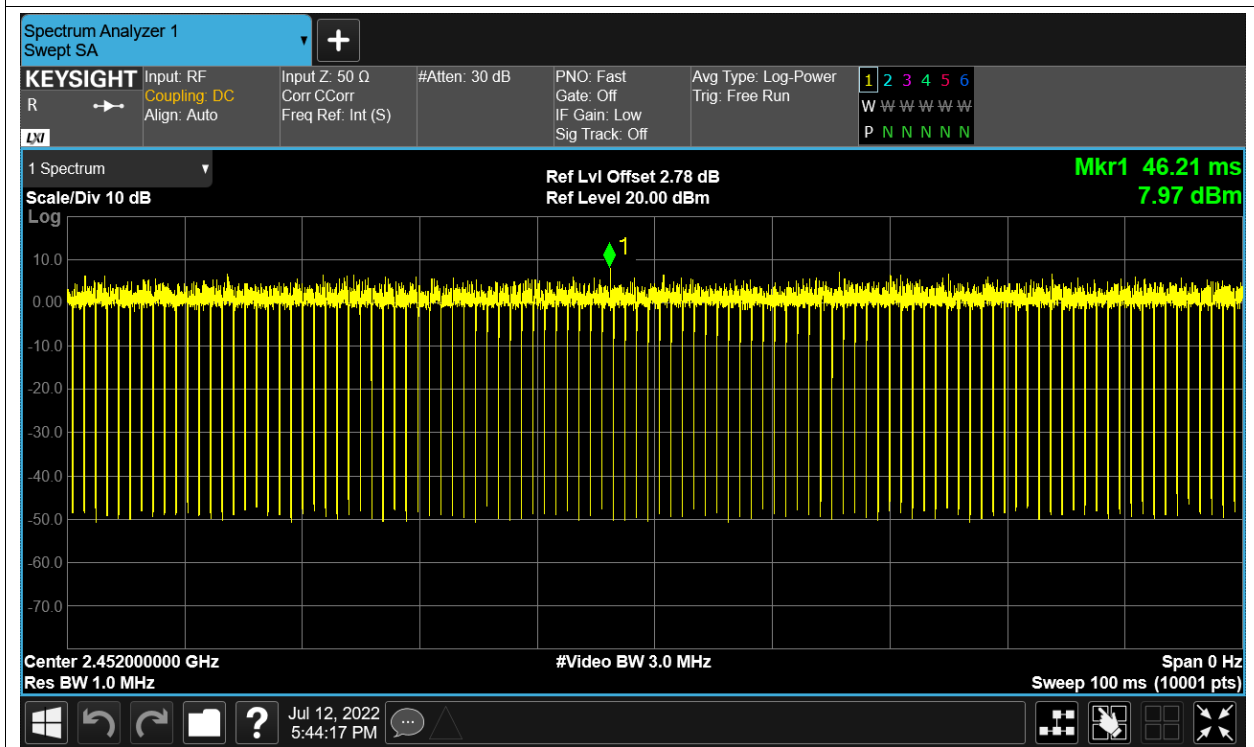
Duty Cycle NVNT n40 2422MHz Sum



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	Ant1	16.09	0	16.09	30	Pass
NVNT	b	2437	Ant1	16.21	0.04	16.25	30	Pass
NVNT	b	2462	Ant1	16.52	0	16.52	30	Pass
NVNT	b	2412	Ant2	17.83	0.03	17.86	30	Pass
NVNT	b	2437	Ant2	17.52	0.03	17.55	30	Pass
NVNT	b	2462	Ant2	17.47	0.03	17.5	30	Pass
NVNT	g	2412	Ant1	15.41	0.05	15.46	30	Pass
NVNT	g	2437	Ant1	15.61	0.05	15.66	30	Pass
NVNT	g	2462	Ant1	15.75	0.05	15.8	30	Pass
NVNT	g	2412	Ant2	15.63	0.05	15.68	30	Pass
NVNT	g	2437	Ant2	16.36	0.05	16.41	30	Pass
NVNT	g	2462	Ant2	16.16	0.05	16.21	30	Pass
NVNT	n20	2412	Ant1	14.16	0.06	14.22	30	Pass
NVNT	n20	2412	Ant2	15.08	0.06	12.14	30	Pass
NVNT	n20	2412	Sum	16.254	0.06	16.314	30	Pass
NVNT	n20	2437	Ant1	14.59	0.06	14.65	30	Pass
NVNT	n20	2437	Ant2	15.51	0.06	15.57	30	Pass
NVNT	n20	2437	Sum	18.085	0.06	18.145	30	Pass
NVNT	n20	2462	Ant1	14.7	0.06	14.76	30	Pass
NVNT	n20	2462	Ant2	15.38	0.06	15.44	30	Pass
NVNT	n20	2462	Sum	18.064	0.06	18.124	30	Pass
NVNT	n40	2422	Ant1	12.92	0.18	13.1	30	Pass
NVNT	n40	2422	Ant2	14.18	0.18	14.36	30	Pass
NVNT	n40	2422	Sum	16.606	0.18	16.786	30	Pass
NVNT	n40	2437	Ant1	12.96	0.17	13.13	30	Pass
NVNT	n40	2437	Ant2	14.22	0.17	14.39	30	Pass
NVNT	n40	2437	Sum	16.646	0.17	16.816	30	Pass
NVNT	n40	2452	Ant1	13.33	0.18	13.51	30	Pass
NVNT	n40	2452	Ant2	14.08	0.18	14.26	30	Pass
NVNT	n40	2452	Sum	16.731	0.18	16.911	30	Pass

-6dB Bandwidth

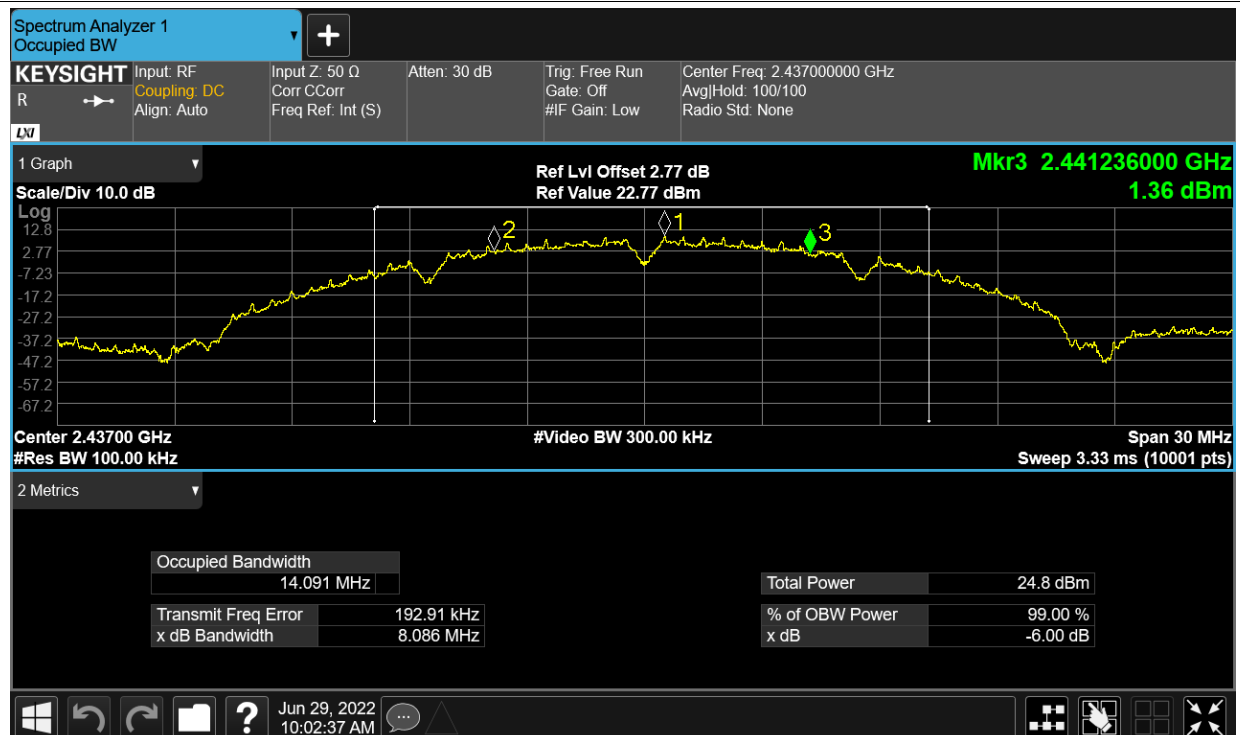
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit	Verdic
NVNT	b	2412	Ant1	8.537	0.5	Pass
NVNT	b	2437	Ant1	8.086	0.5	Pass
NVNT	b	2462	Ant1	9.048	0.5	Pass
NVNT	b	2412	Ant2	8.995	0.5	Pass
NVNT	b	2437	Ant2	8.074	0.5	Pass
NVNT	b	2462	Ant2	8.549	0.5	Pass
NVNT	g	2412	Ant1	15.662	0.5	Pass
NVNT	g	2437	Ant1	15.312	0.5	Pass
NVNT	g	2462	Ant1	15.719	0.5	Pass
NVNT	g	2412	Ant2	15.312	0.5	Pass
NVNT	g	2437	Ant2	15.329	0.5	Pass
NVNT	g	2462	Ant2	15.341	0.5	Pass
NVNT	n20	2412	Ant1	15.457	0.5	Pass
NVNT	n20	2412	Ant2	15.945	0.5	Pass
NVNT	n20	2437	Ant1	15.968	0.5	Pass
NVNT	n20	2437	Ant2	16.292	0.5	Pass
NVNT	n20	2462	Ant1	16.361	0.5	Pass
NVNT	n20	2462	Ant2	16.061	0.5	Pass
NVNT	n40	2422	Ant1	35.497	0.5	Pass
NVNT	n40	2422	Ant2	35.12	0.5	Pass
NVNT	n40	2437	Ant1	35.137	0.5	Pass
NVNT	n40	2437	Ant2	36.305	0.5	Pass
NVNT	n40	2452	Ant1	28.839	0.5	Pass
NVNT	n40	2452	Ant2	35.281	0.5	Pass

Test Graphs

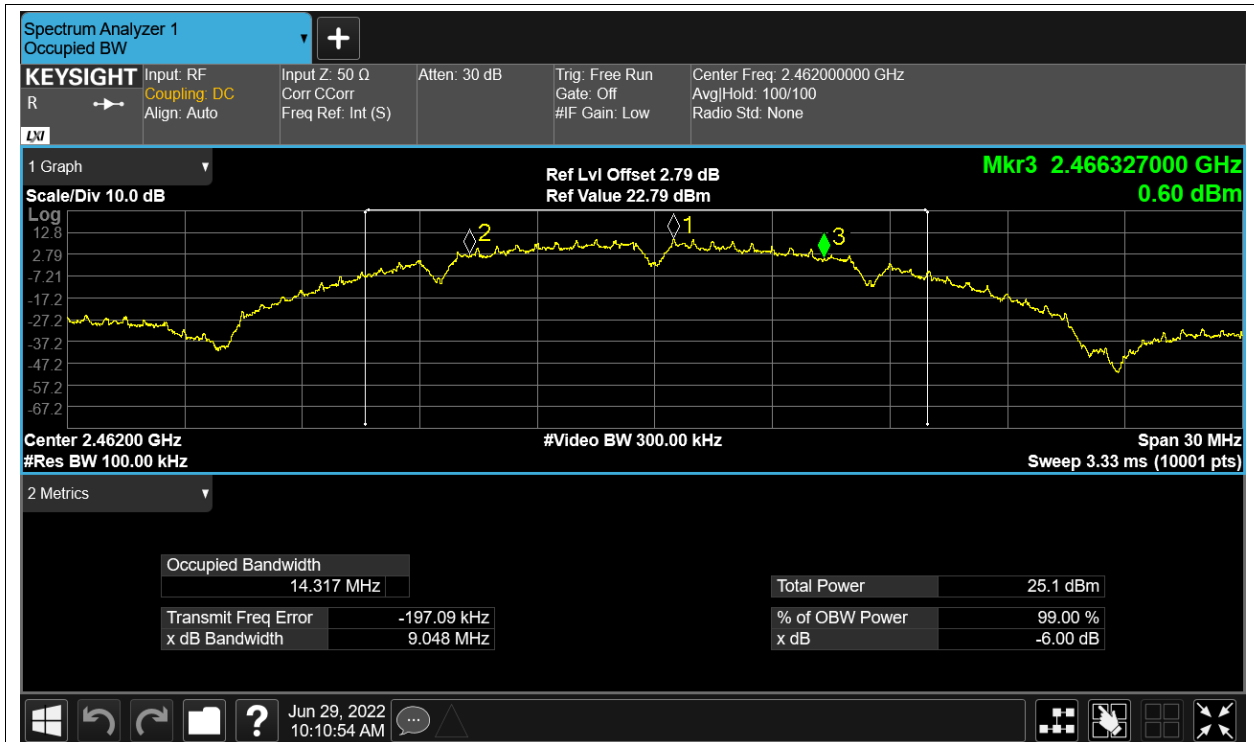
-6dB Bandwidth NVNT b 2412MHz Ant1



-6dB Bandwidth NVNT b 2437MHz Ant1



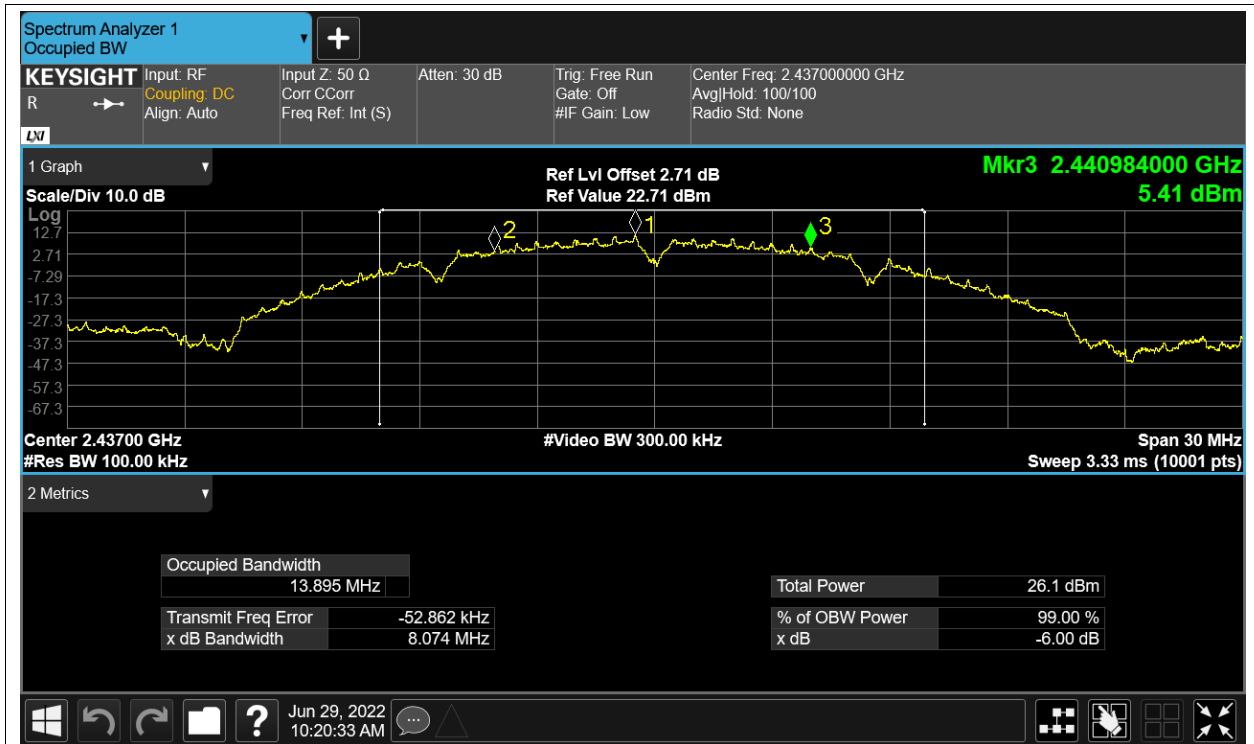
-6dB Bandwidth NVNT b 2462MHz Ant1



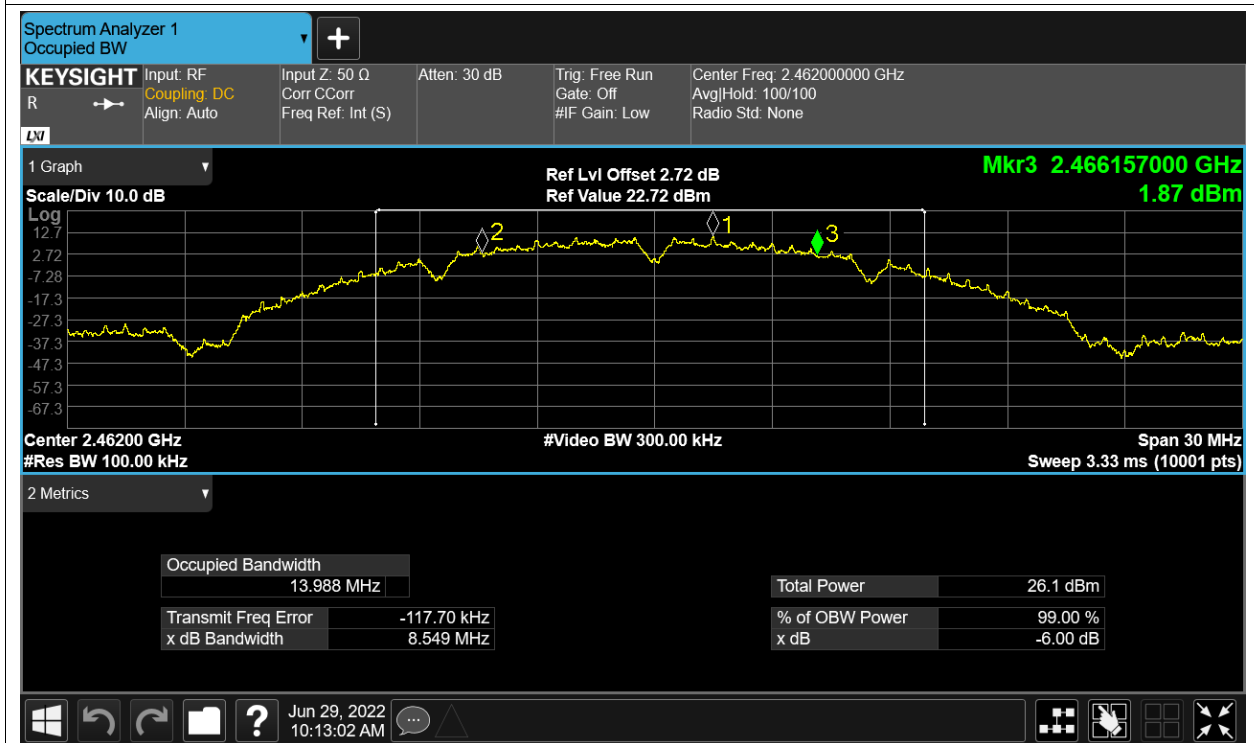
-6dB Bandwidth NVNT b 2412MHz Ant2



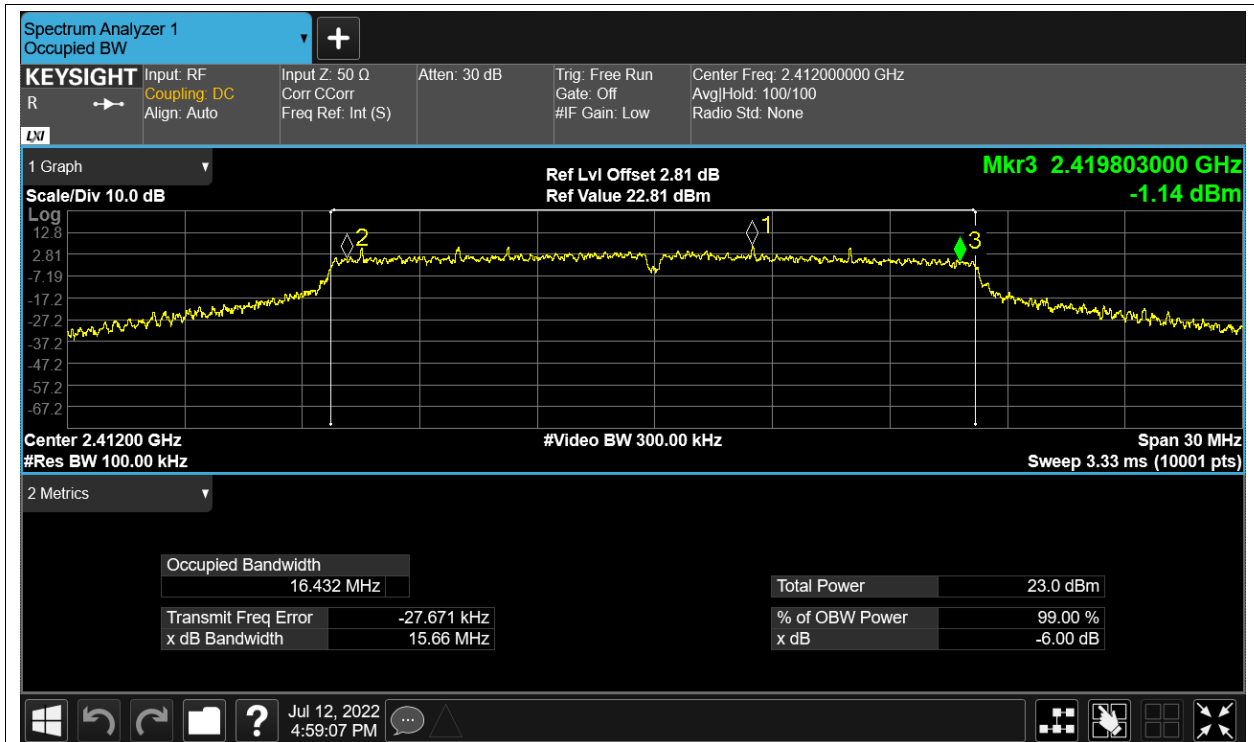
-6dB Bandwidth NVNT b 2437MHz Ant2



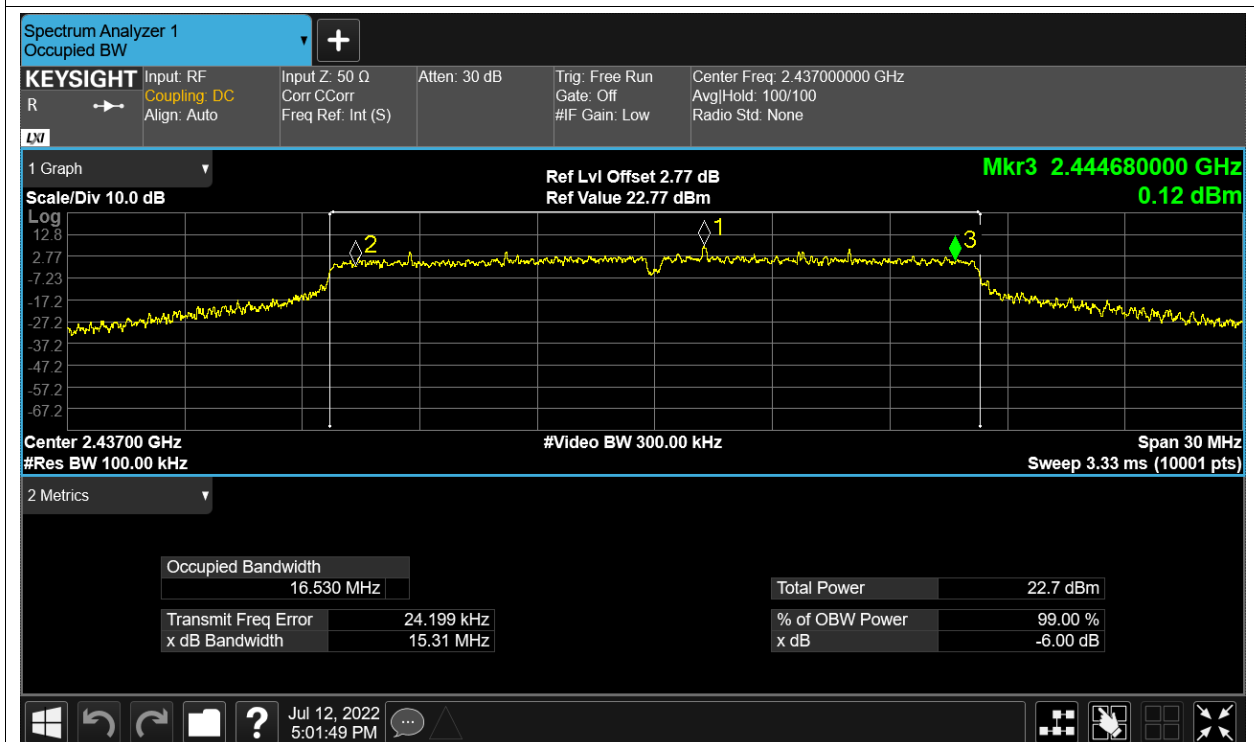
-6dB Bandwidth NVNT b 2462MHz Ant2



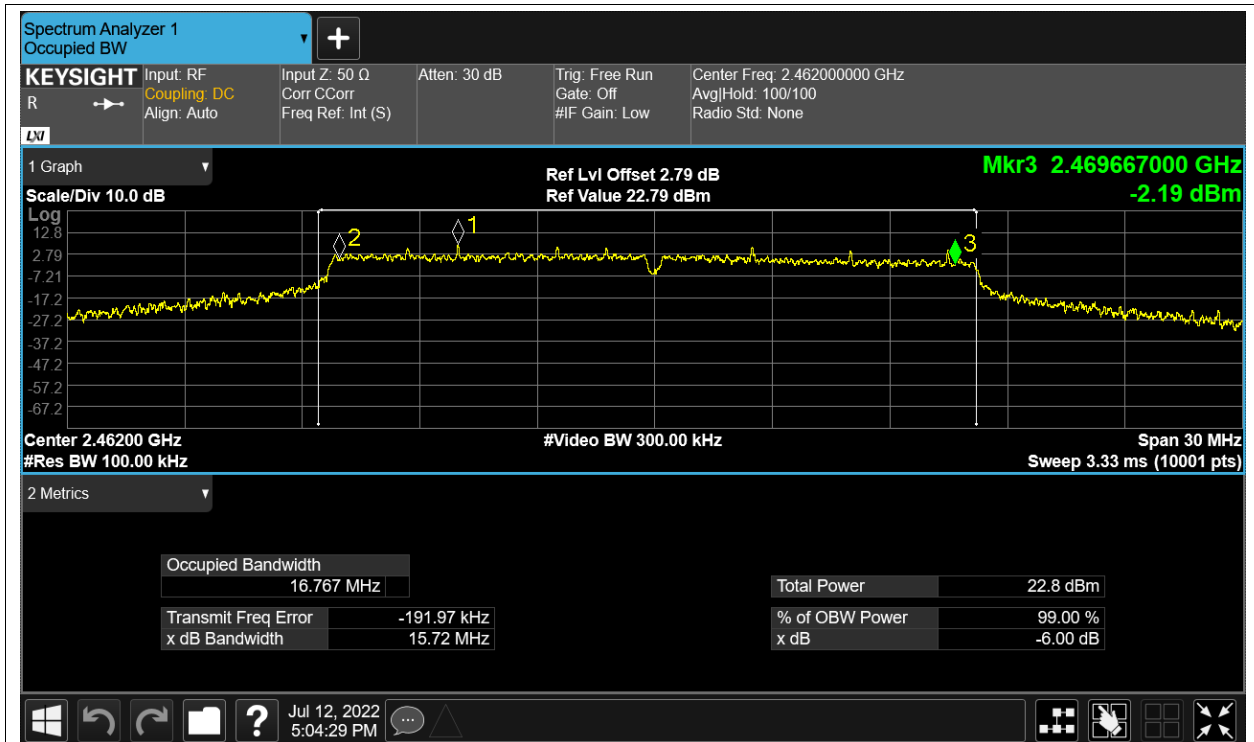
-6dB Bandwidth NVNT g 2412MHz Ant1



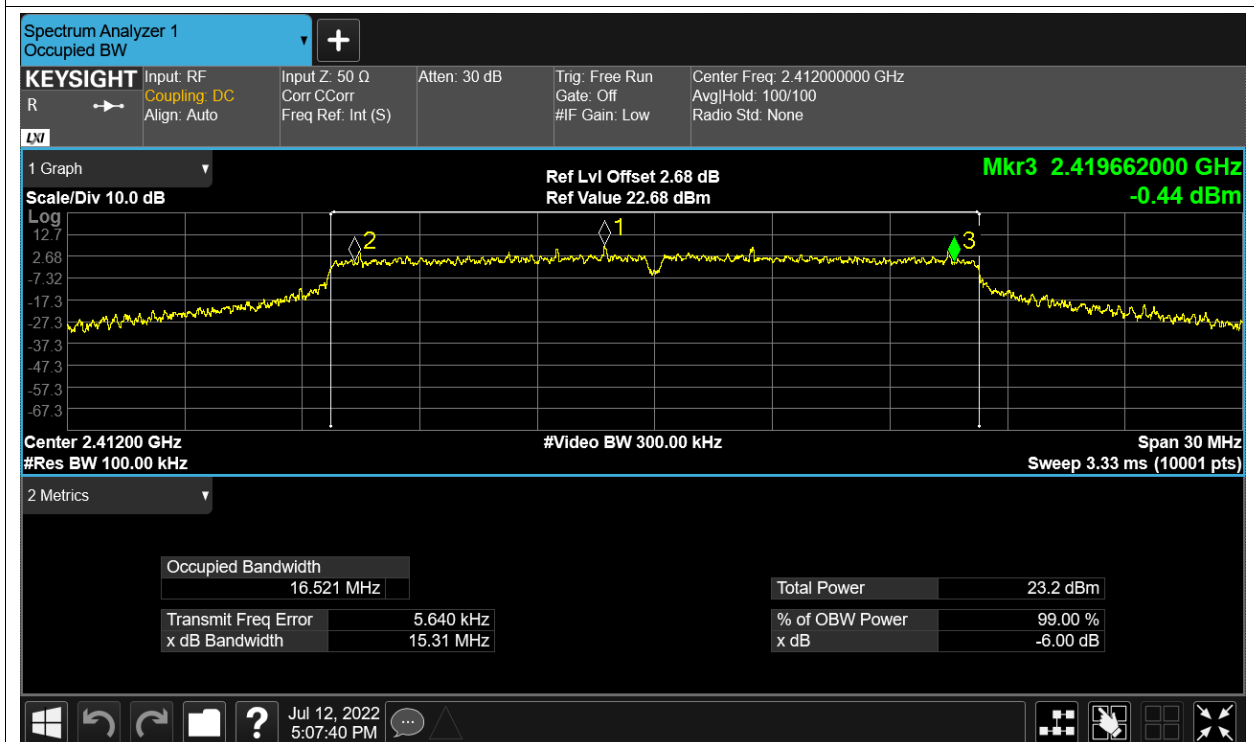
-6dB Bandwidth NVNT g 2437MHz Ant1



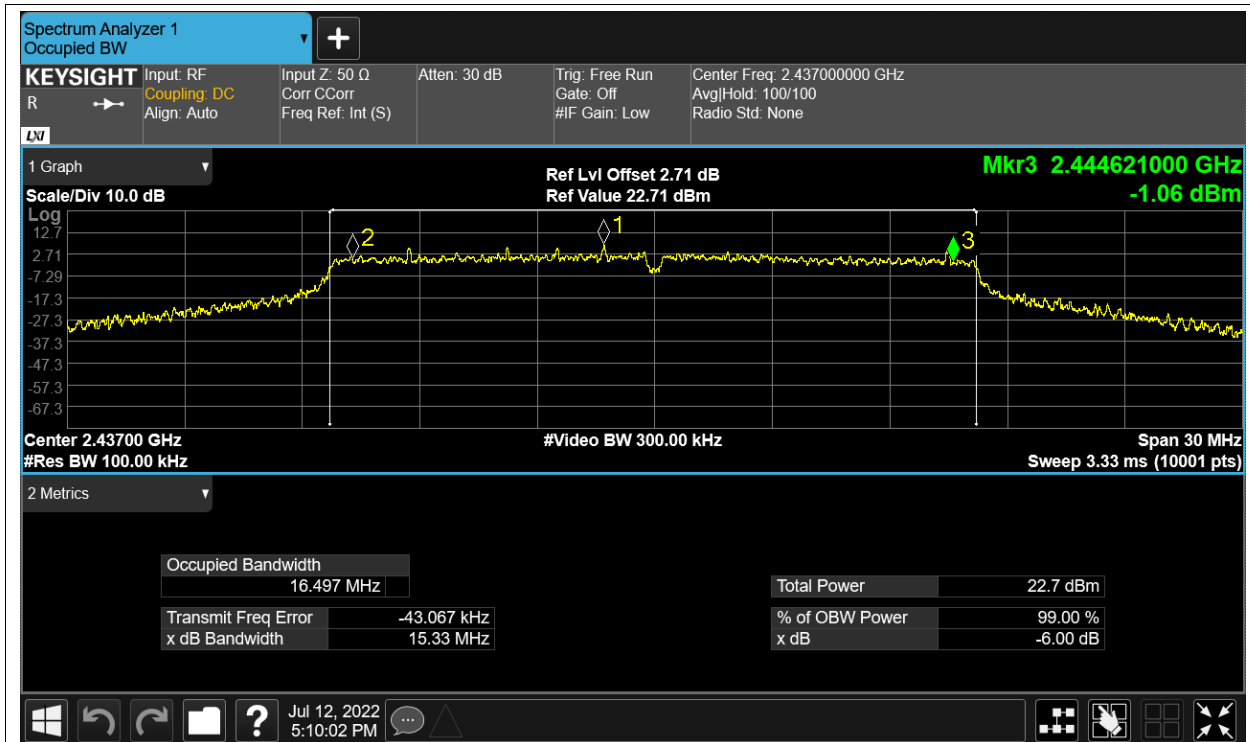
-6dB Bandwidth NVNT g 2462MHz Ant1



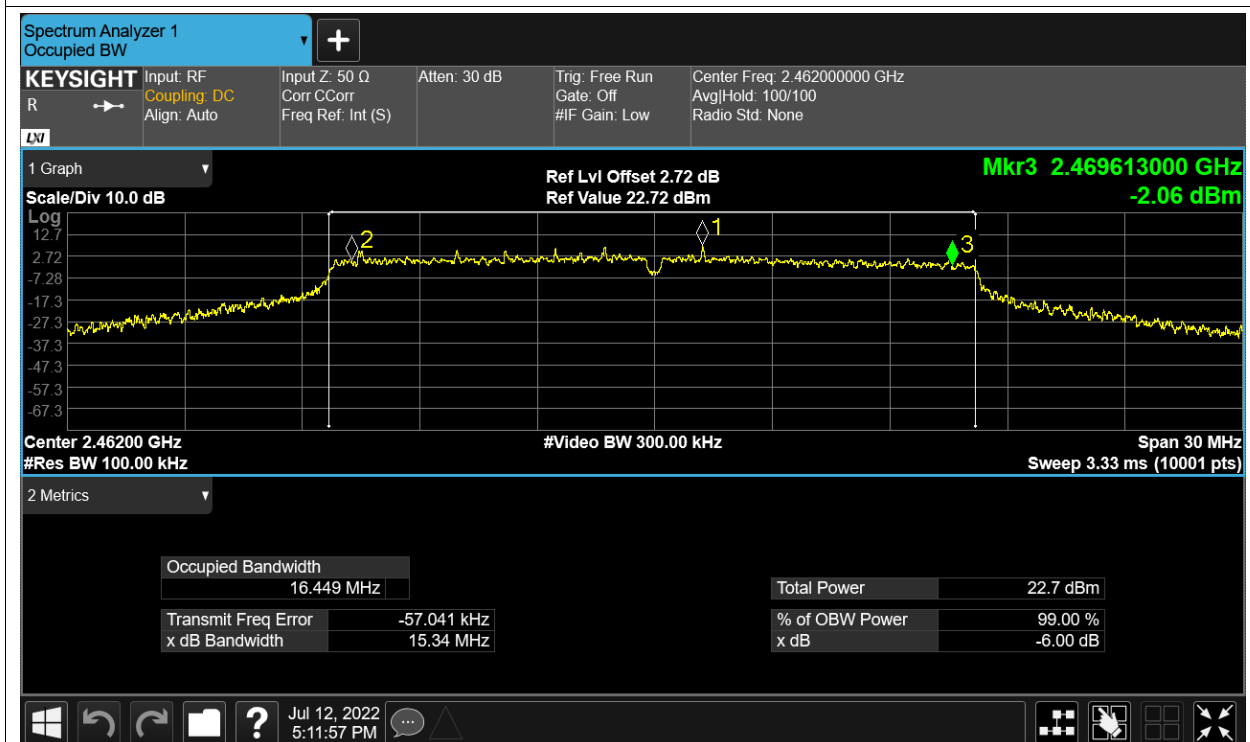
-6dB Bandwidth NVNT g 2412MHz Ant2



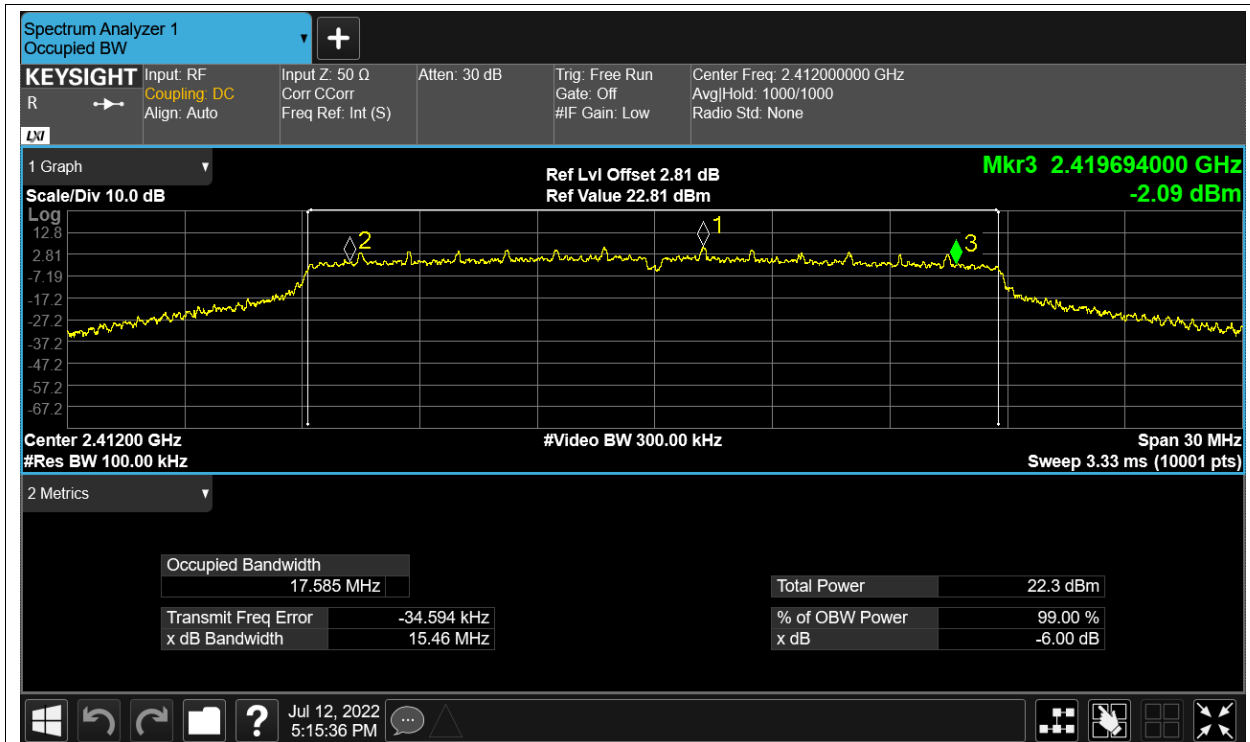
-6dB Bandwidth NVNT g 2437MHz Ant2



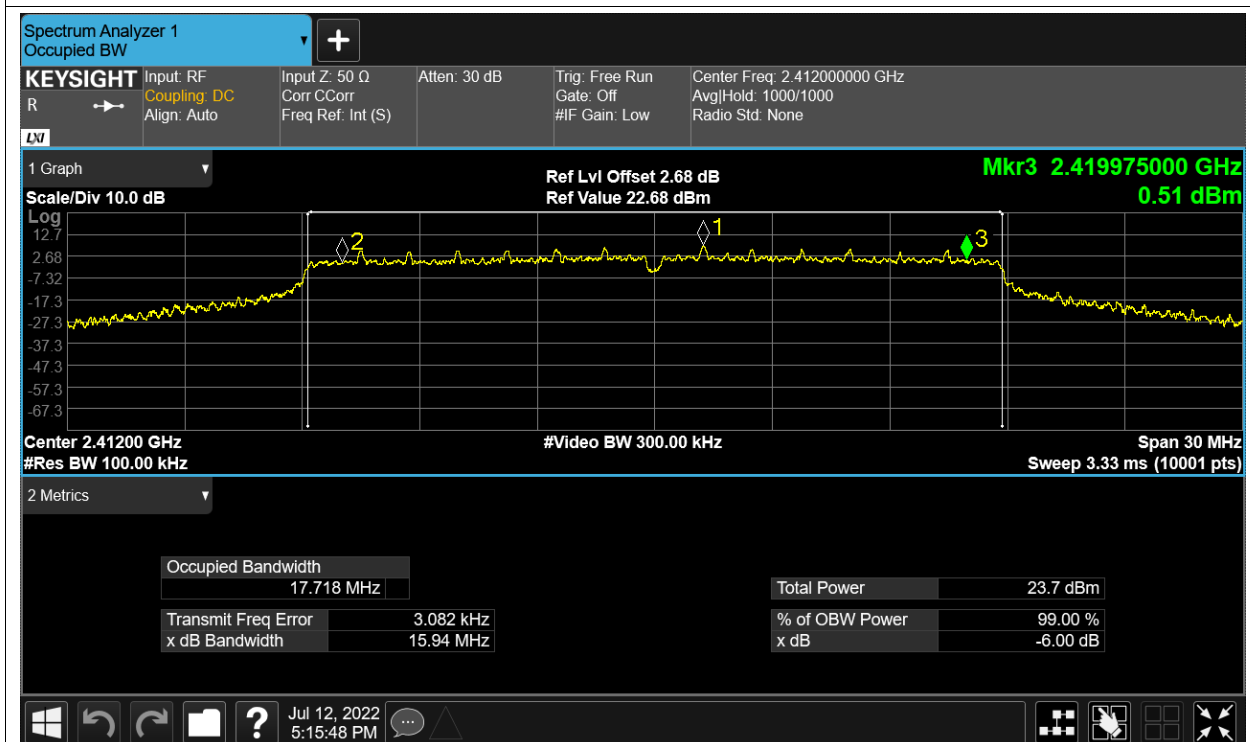
-6dB Bandwidth NVNT g 2462MHz Ant2



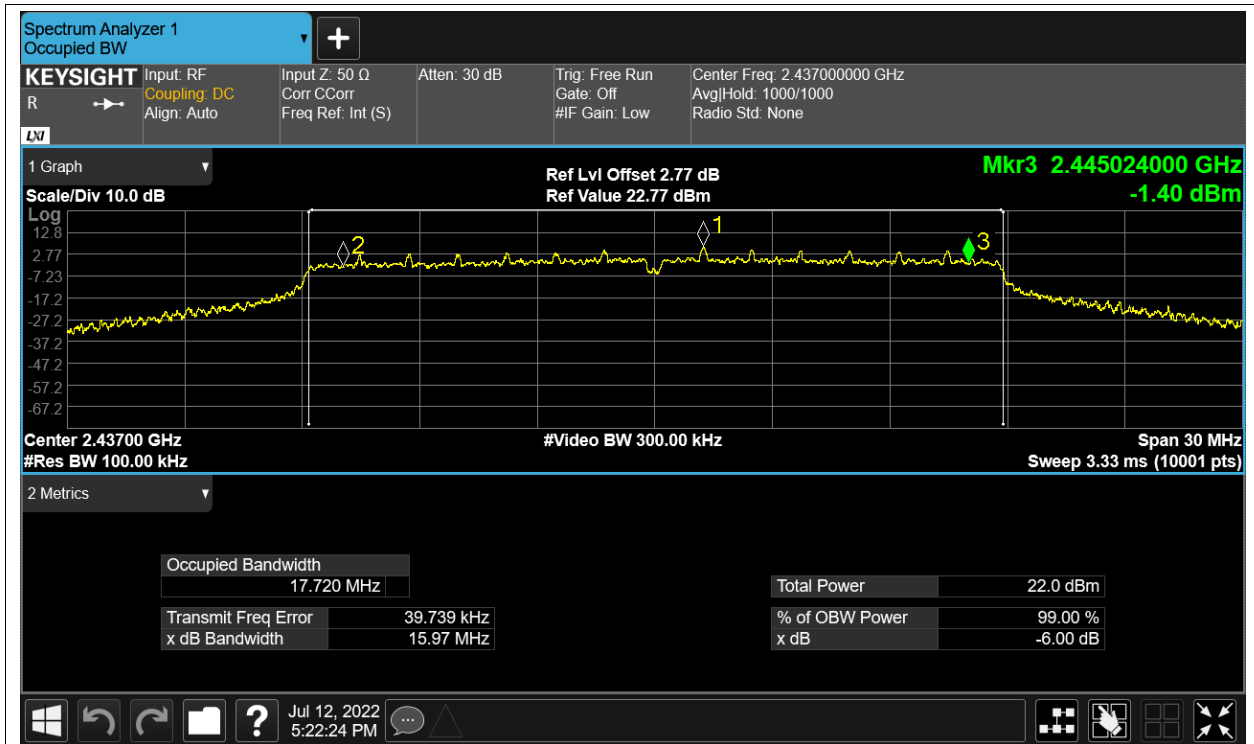
-6dB Bandwidth NVNT n20 2412MHz Ant1



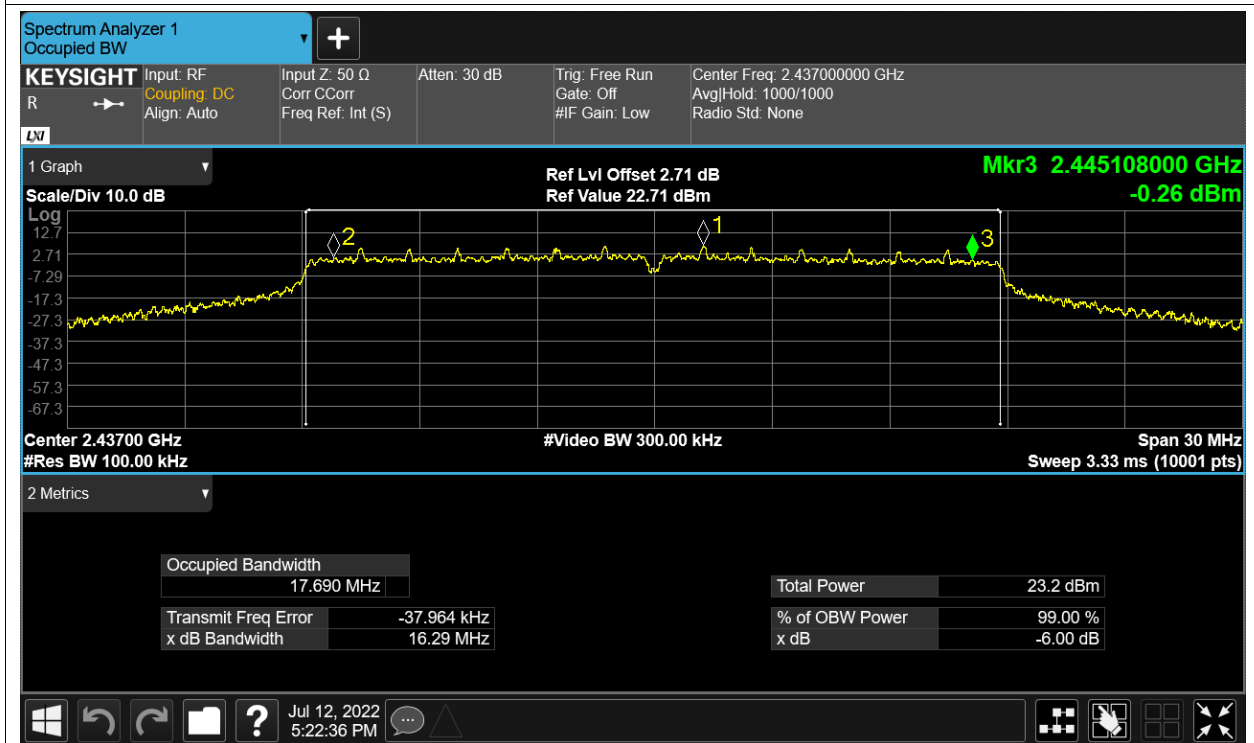
-6dB Bandwidth NVNT n20 2412MHz Ant2



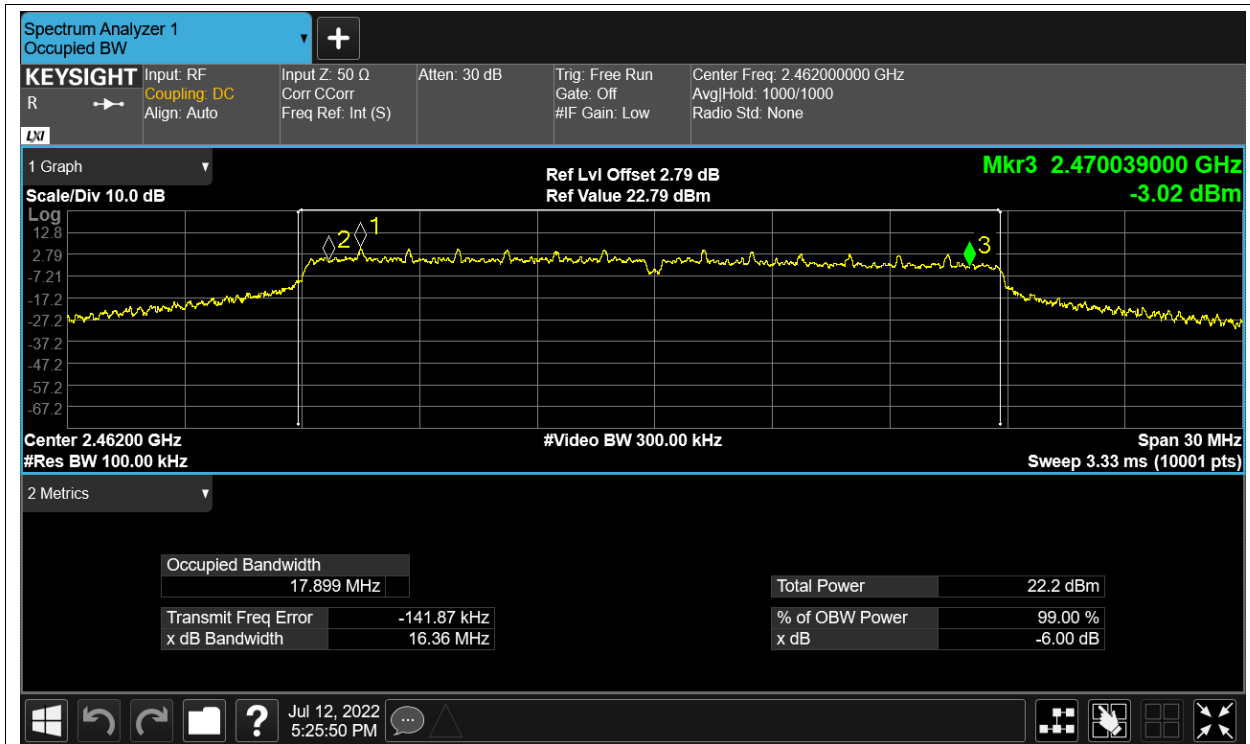
-6dB Bandwidth NVNT n20 2437MHz Ant1



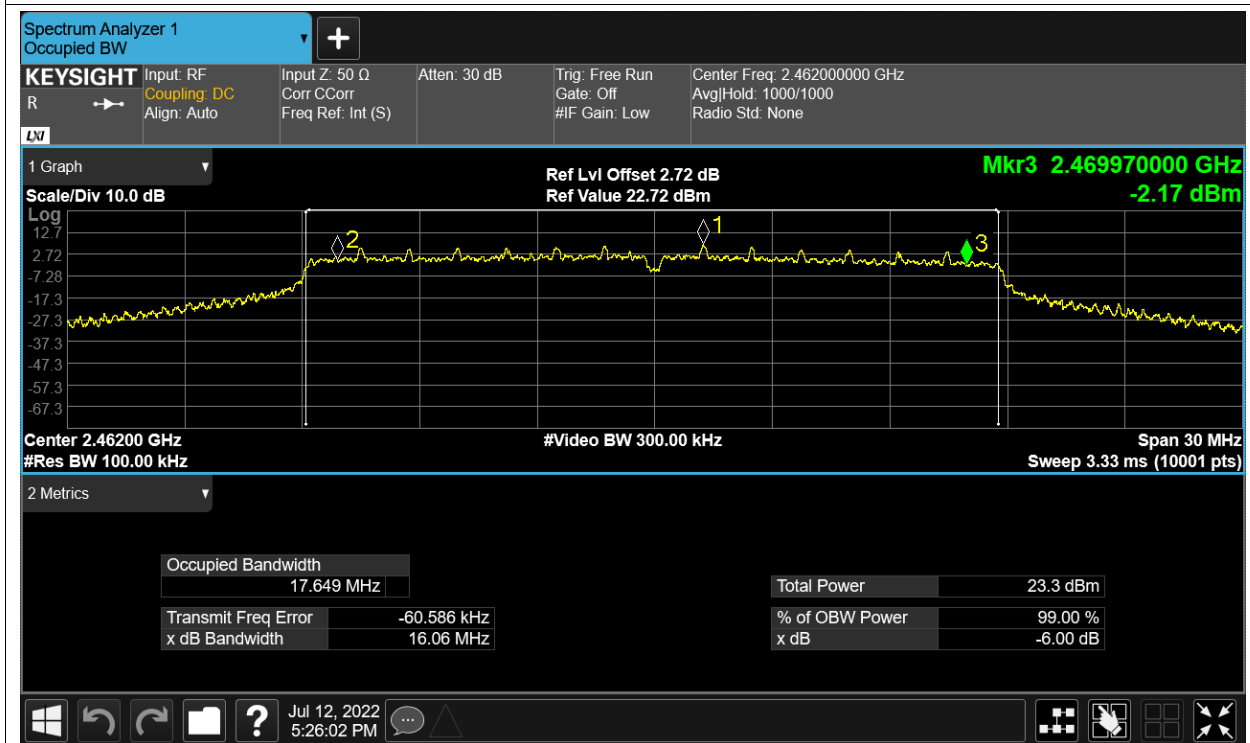
-6dB Bandwidth NVNT n20 2437MHz Ant2



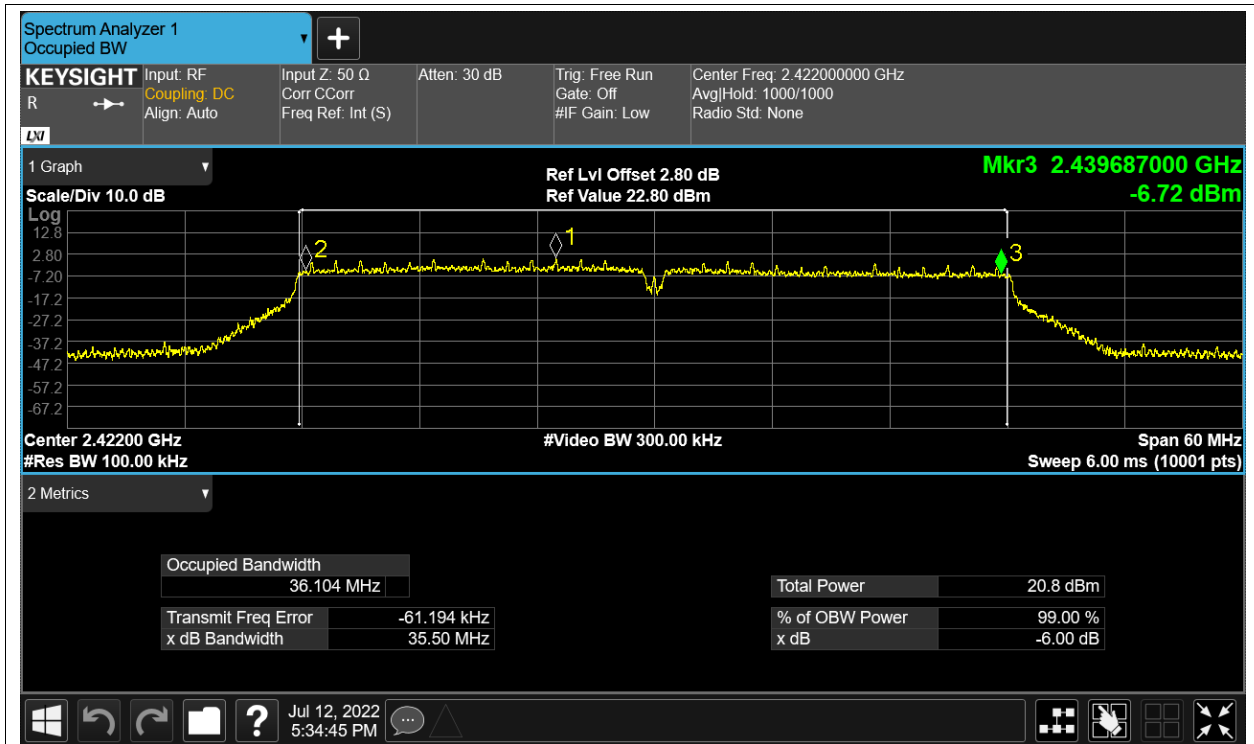
-6dB Bandwidth NVNT n20 2462MHz Ant1



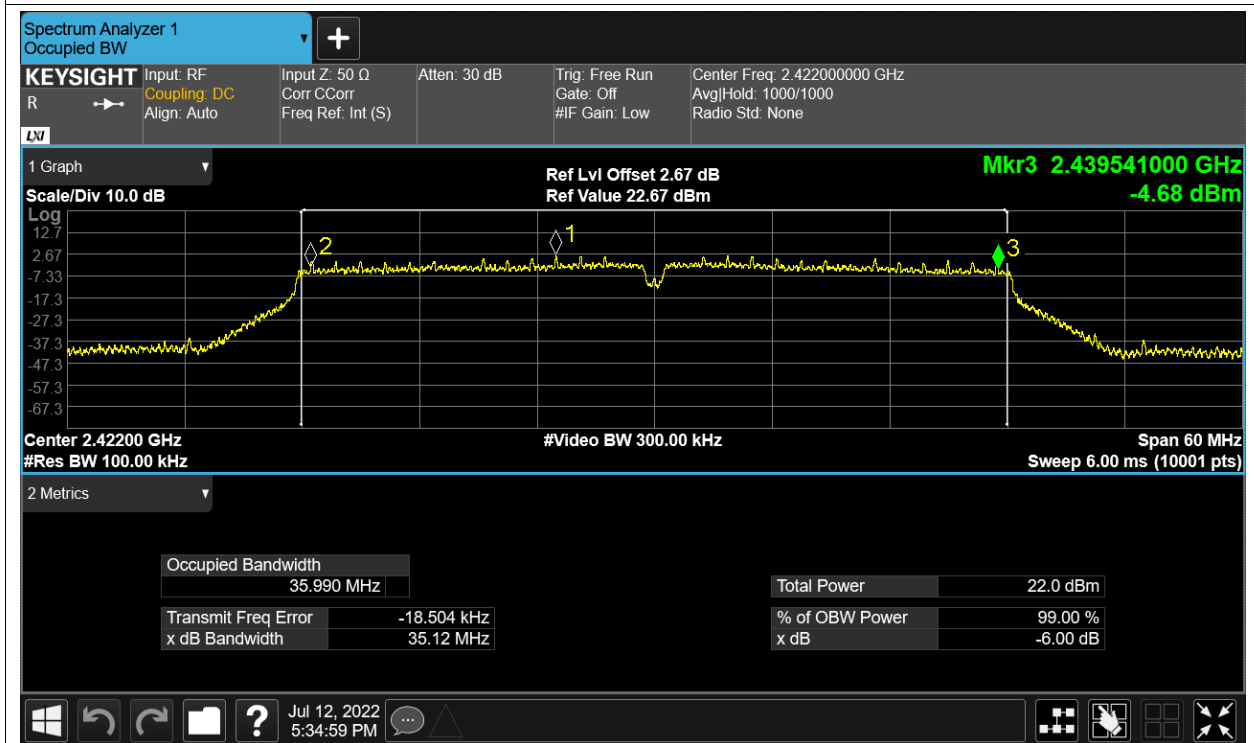
-6dB Bandwidth NVNT n20 2462MHz Ant2



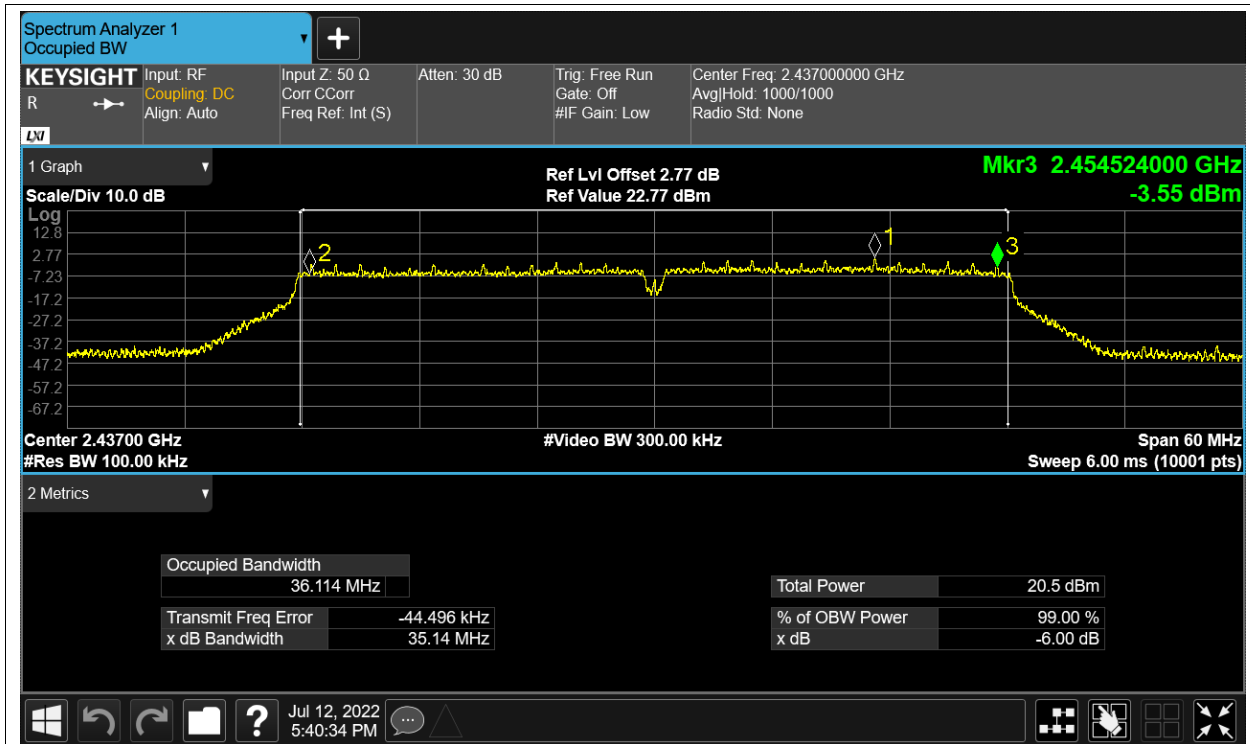
-6dB Bandwidth NVNT n40 2422MHz Ant1



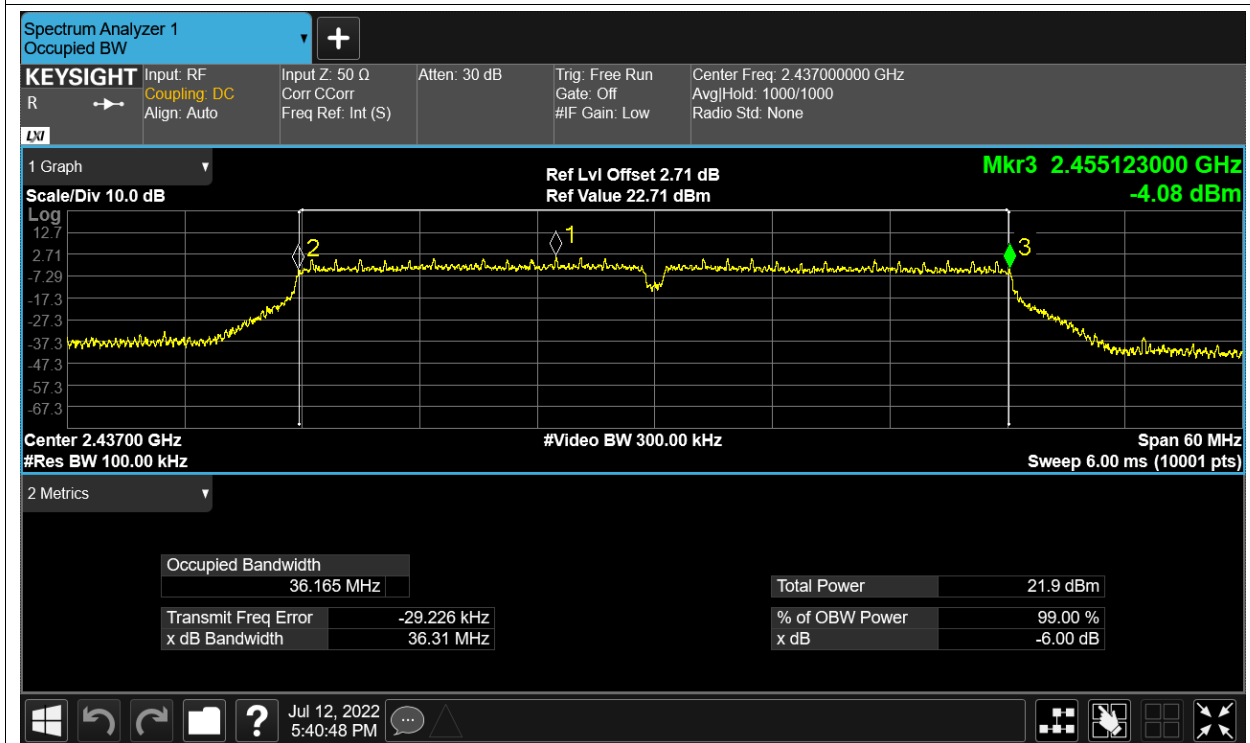
-6dB Bandwidth NVNT n40 2422MHz Ant2



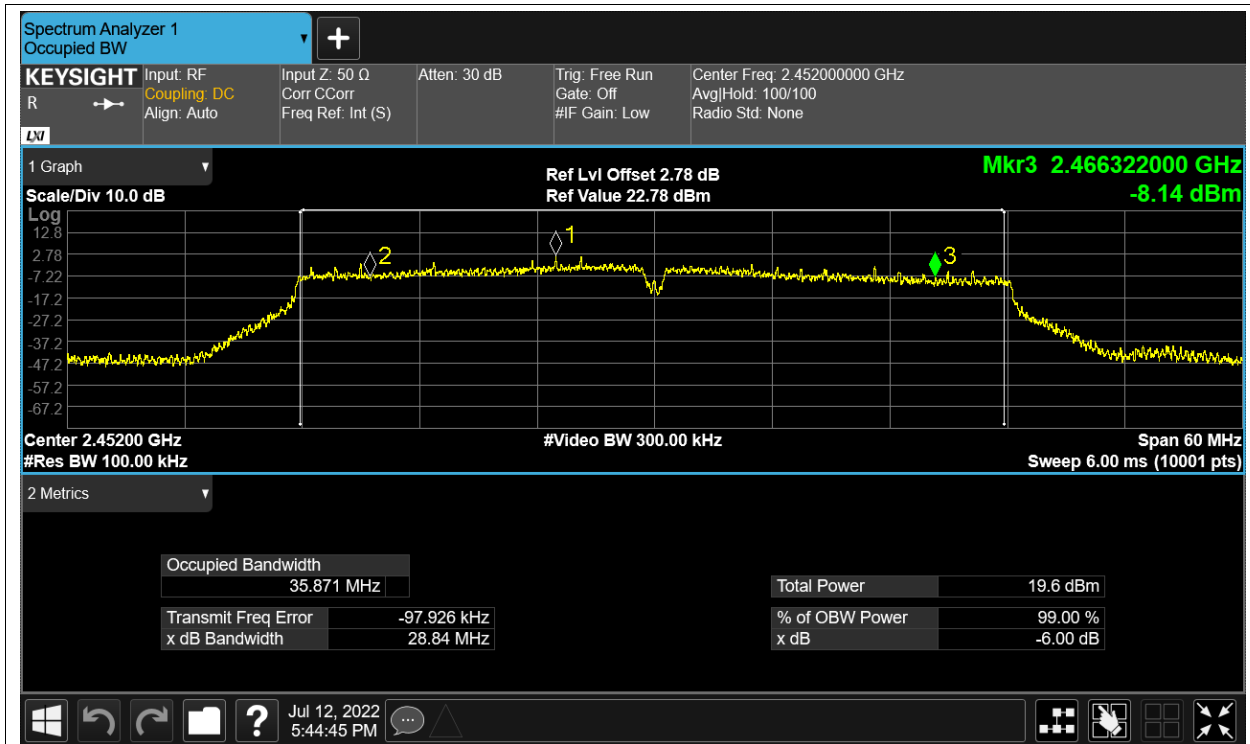
-6dB Bandwidth NVNT n40 2437MHz Ant1



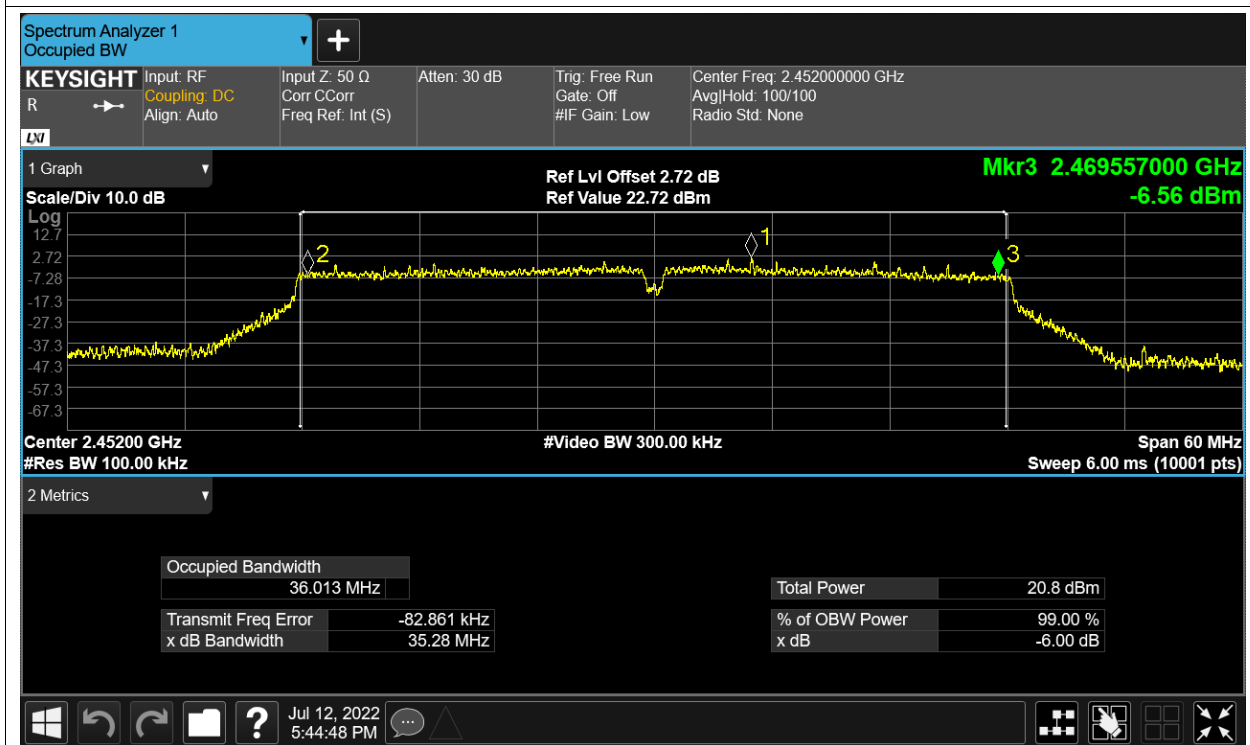
-6dB Bandwidth NVNT n40 2437MHz Ant2



-6dB Bandwidth NVNT n40 2452MHz Ant1



-6dB Bandwidth NVNT n40 2452MHz Ant2

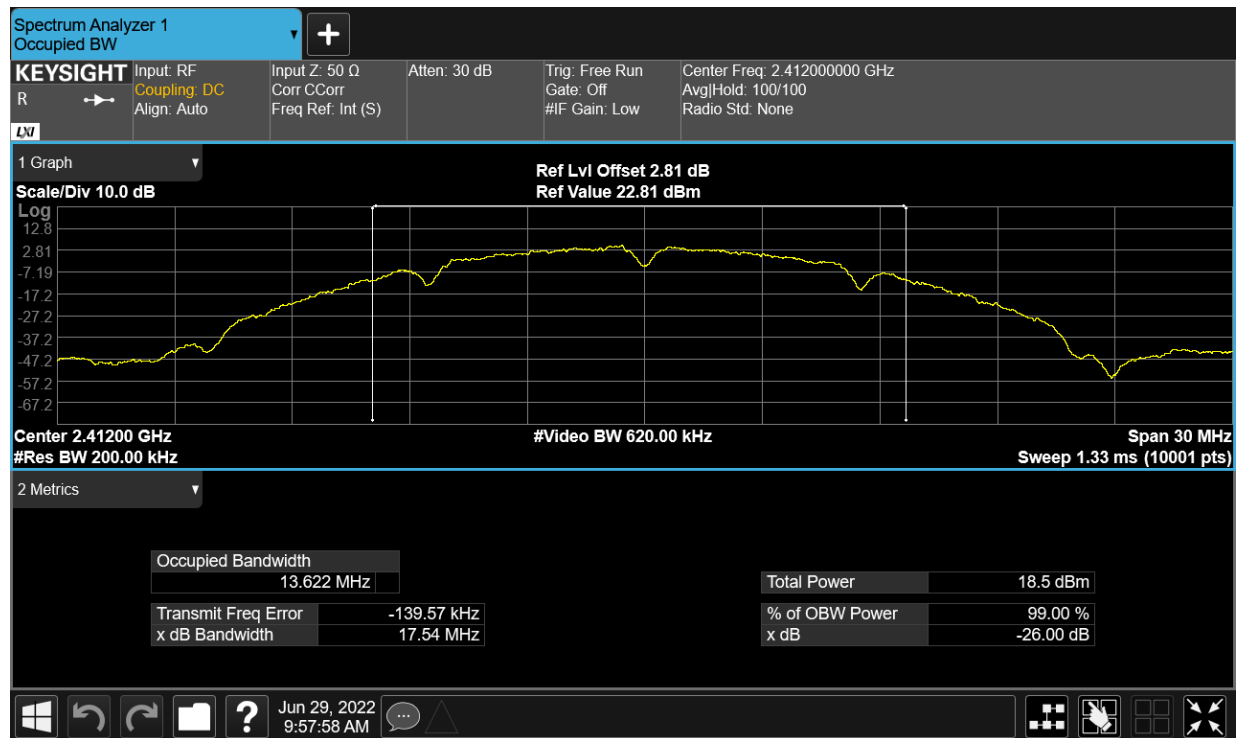


Occupied Channel Bandwidth

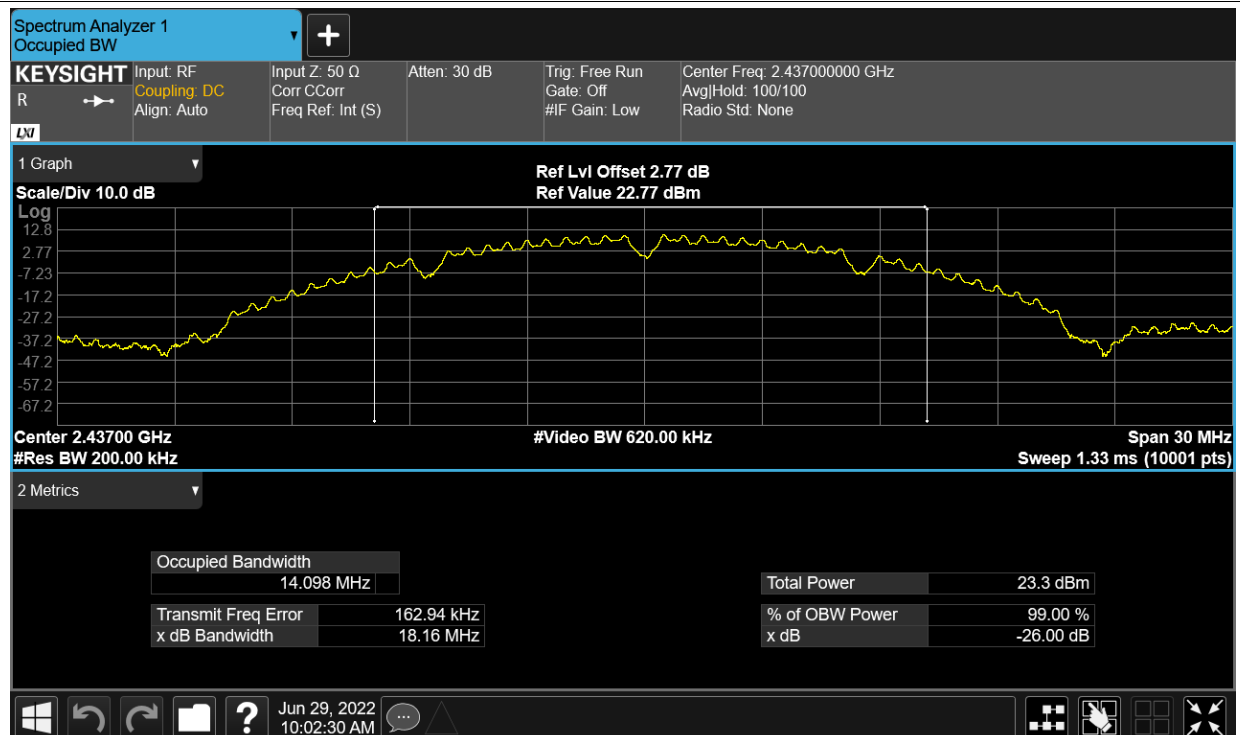
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	13.62213358
NVNT	b	2437	Ant1	14.09763768
NVNT	b	2462	Ant1	14.34383392
NVNT	b	2412	Ant2	14.30528889
NVNT	b	2437	Ant2	13.89511556
NVNT	b	2462	Ant2	13.95392316
NVNT	g	2412	Ant1	16.49094848
NVNT	g	2437	Ant1	16.68958797
NVNT	g	2462	Ant1	16.92755029
NVNT	g	2412	Ant2	16.66258631
NVNT	g	2437	Ant2	16.60974758
NVNT	g	2462	Ant2	16.51518019
NVNT	n20	2412	Ant1	17.63355812
NVNT	n20	2412	Ant2	17.81361147
NVNT	n20	2437	Ant1	17.83730834
NVNT	n20	2437	Ant2	17.81784852
NVNT	n20	2462	Ant1	18.04267712
NVNT	n20	2462	Ant2	17.73982105
NVNT	n40	2422	Ant1	36.22972908
NVNT	n40	2422	Ant2	36.12760509
NVNT	n40	2437	Ant1	36.2201347
NVNT	n40	2437	Ant2	36.2637932
NVNT	n40	2452	Ant1	35.96532681
NVNT	n40	2452	Ant2	36.0816098

Test Graphs

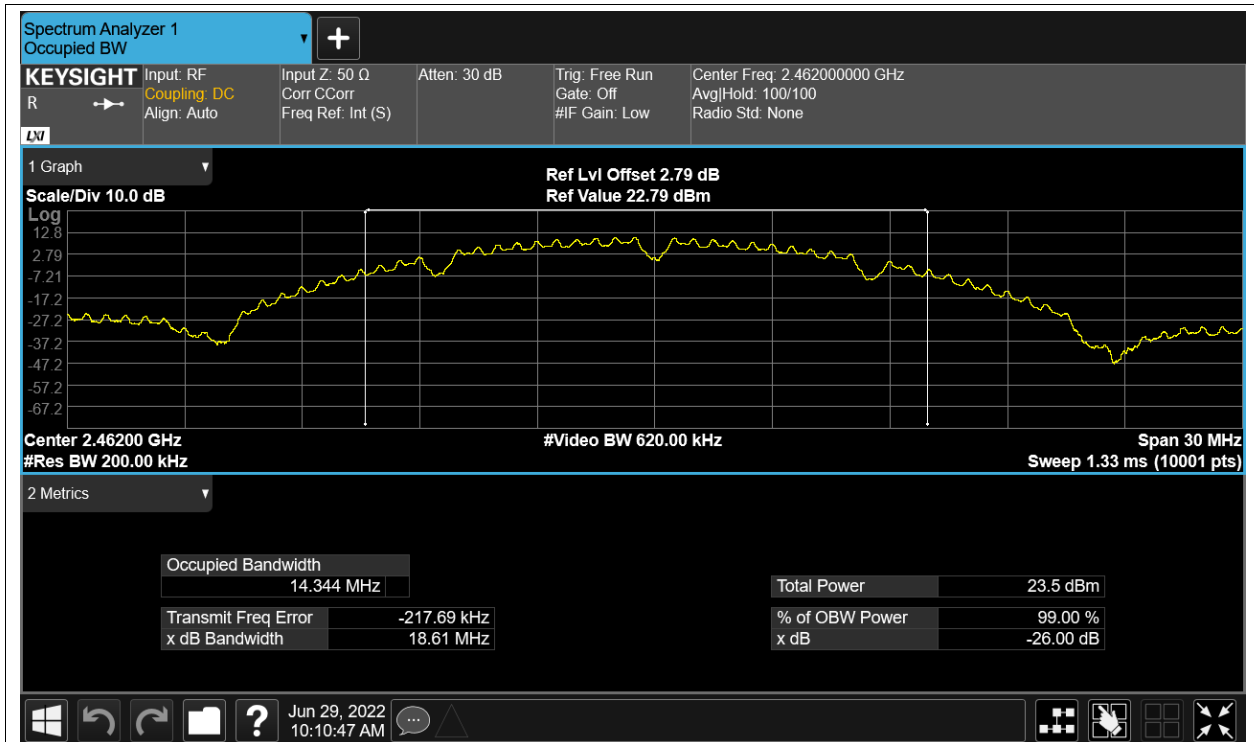
OBW NVNT b 2412MHz Ant1



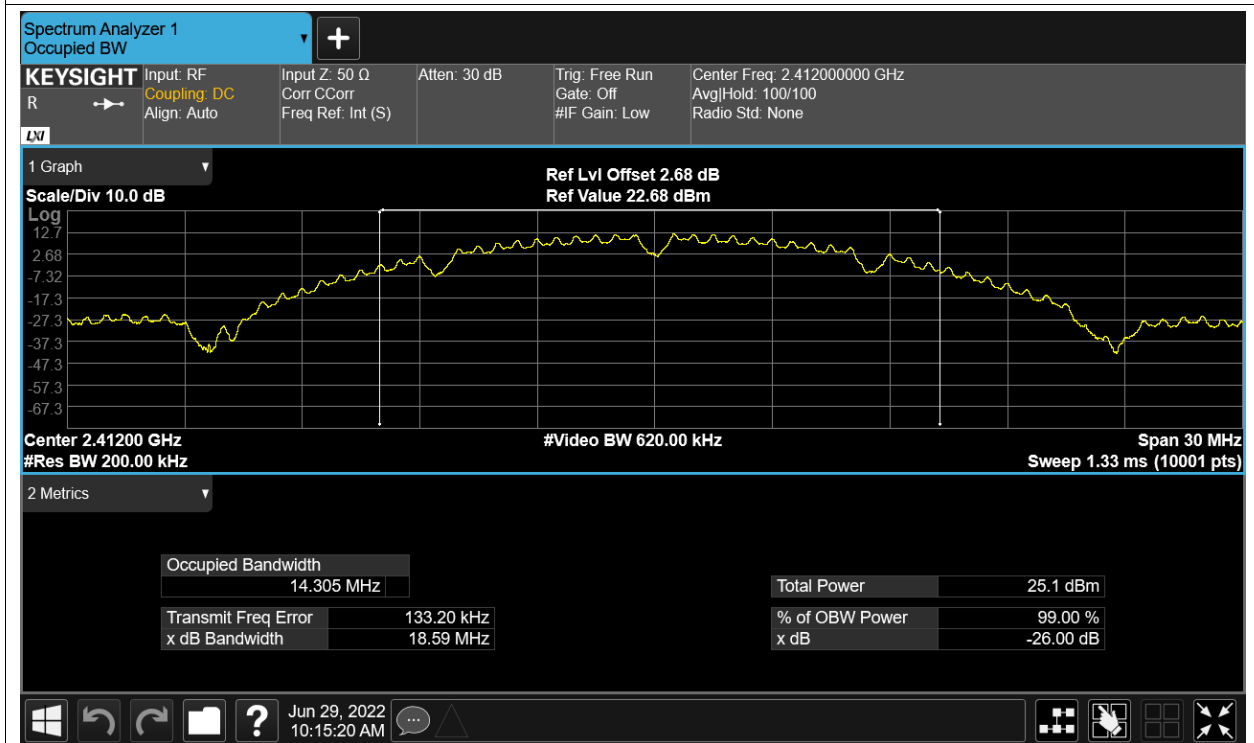
OBW NVNT b 2437MHz Ant1



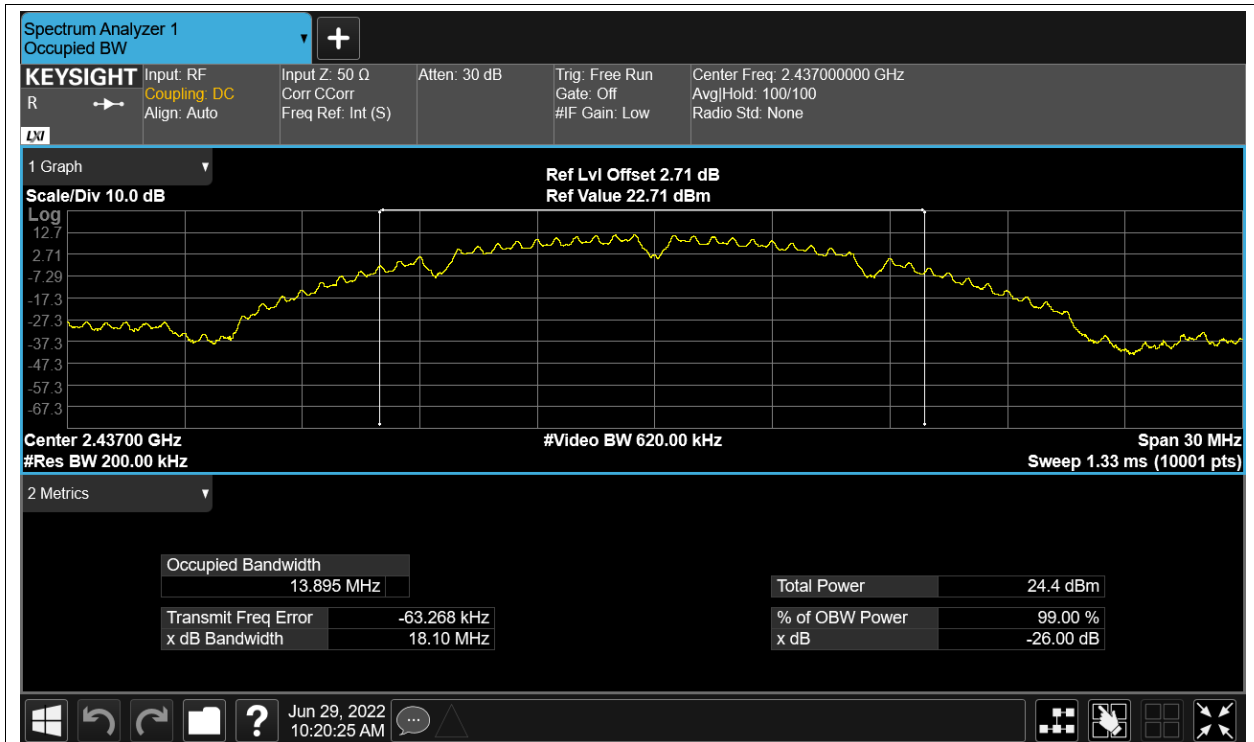
OBW NVNT b 2462MHz Ant1



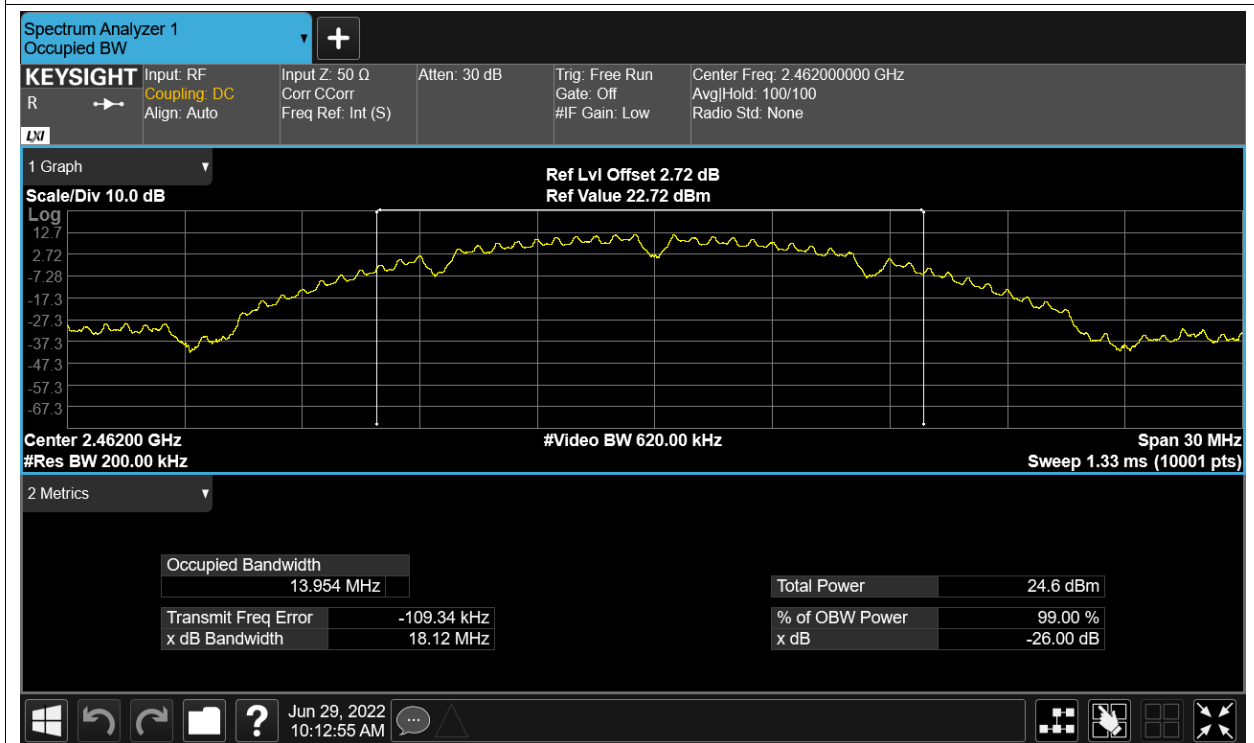
OBW NVNT b 2412MHz Ant2



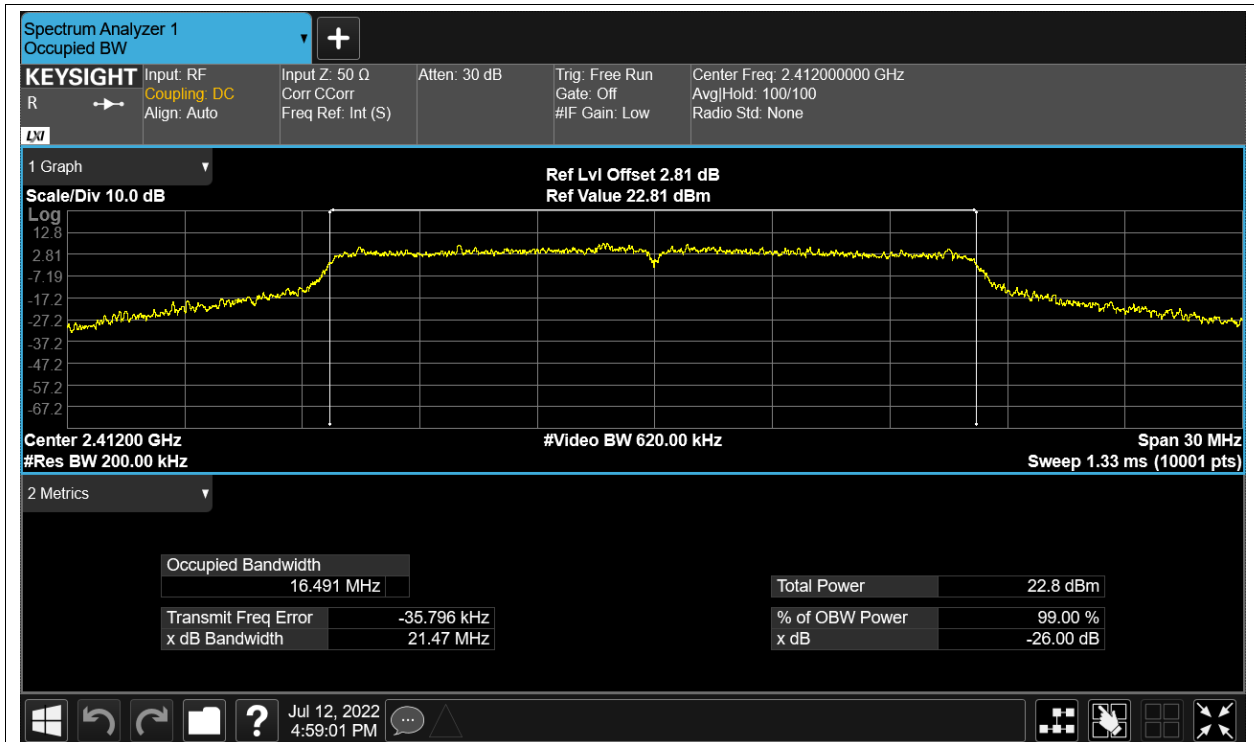
OBW NVNT b 2437MHz Ant2



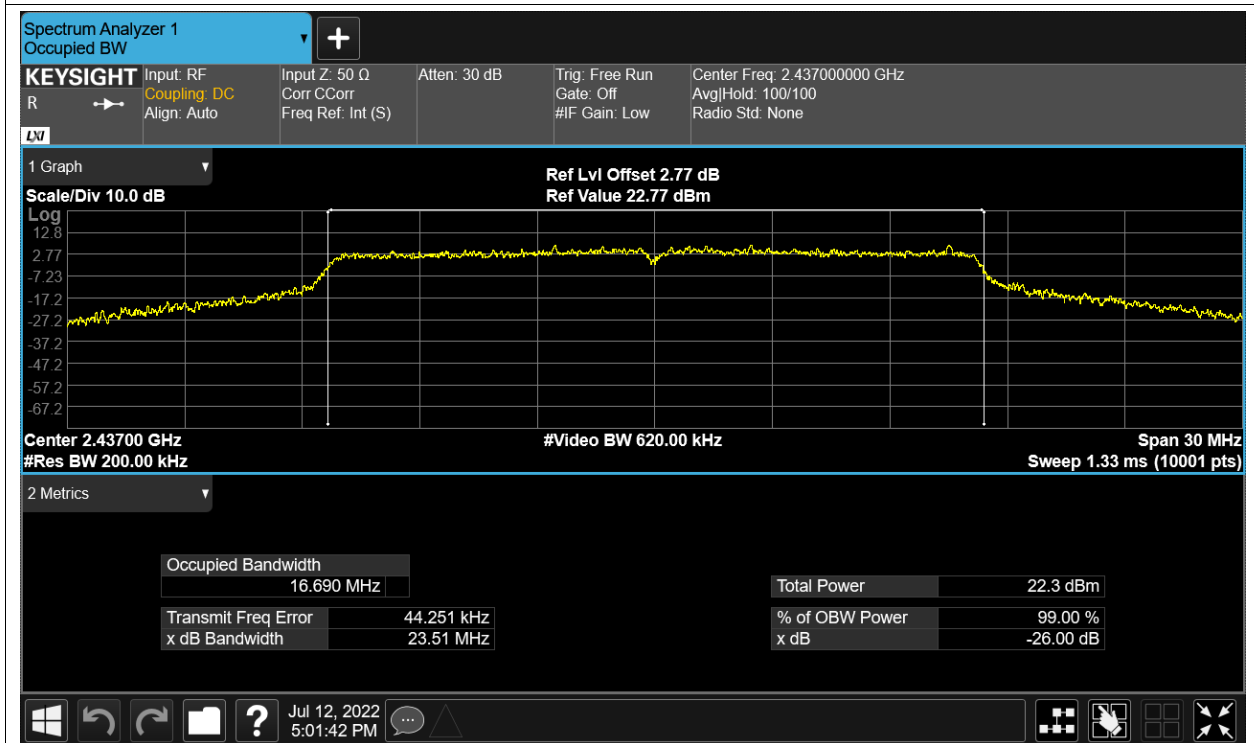
OBW NVNT b 2462MHz Ant2



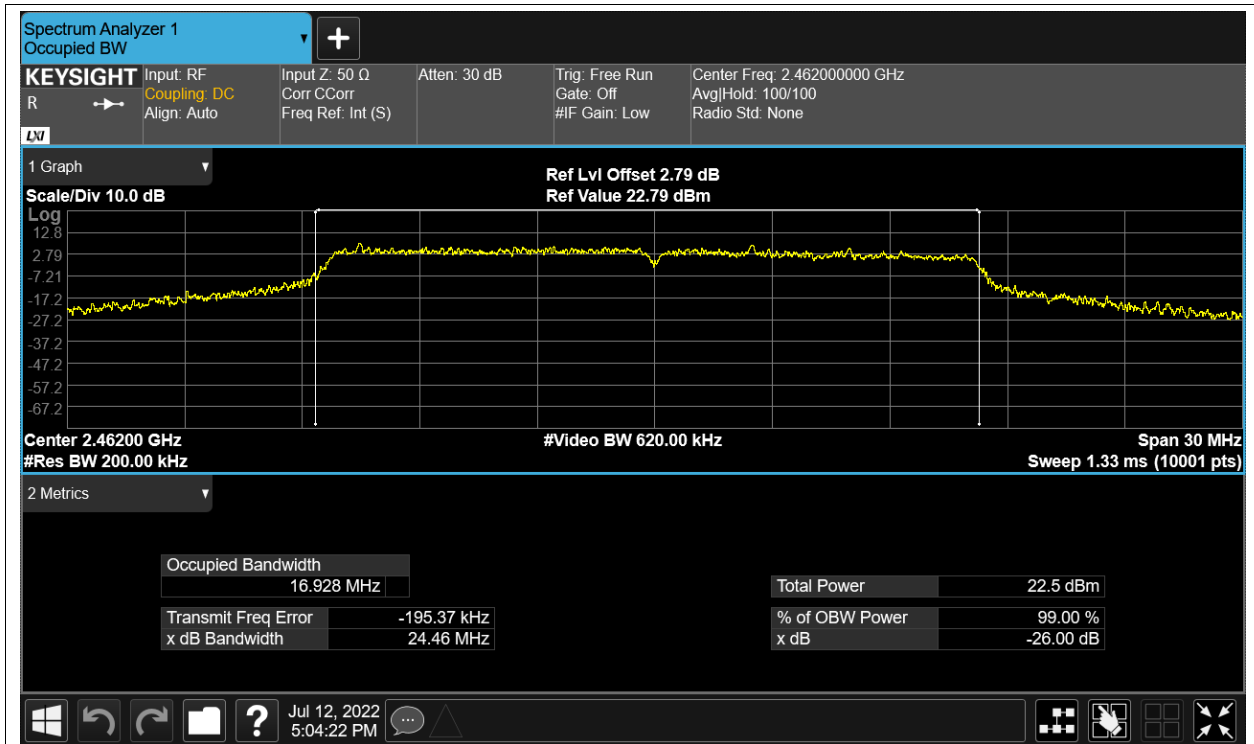
OBW NVNT g 2412MHz Ant1



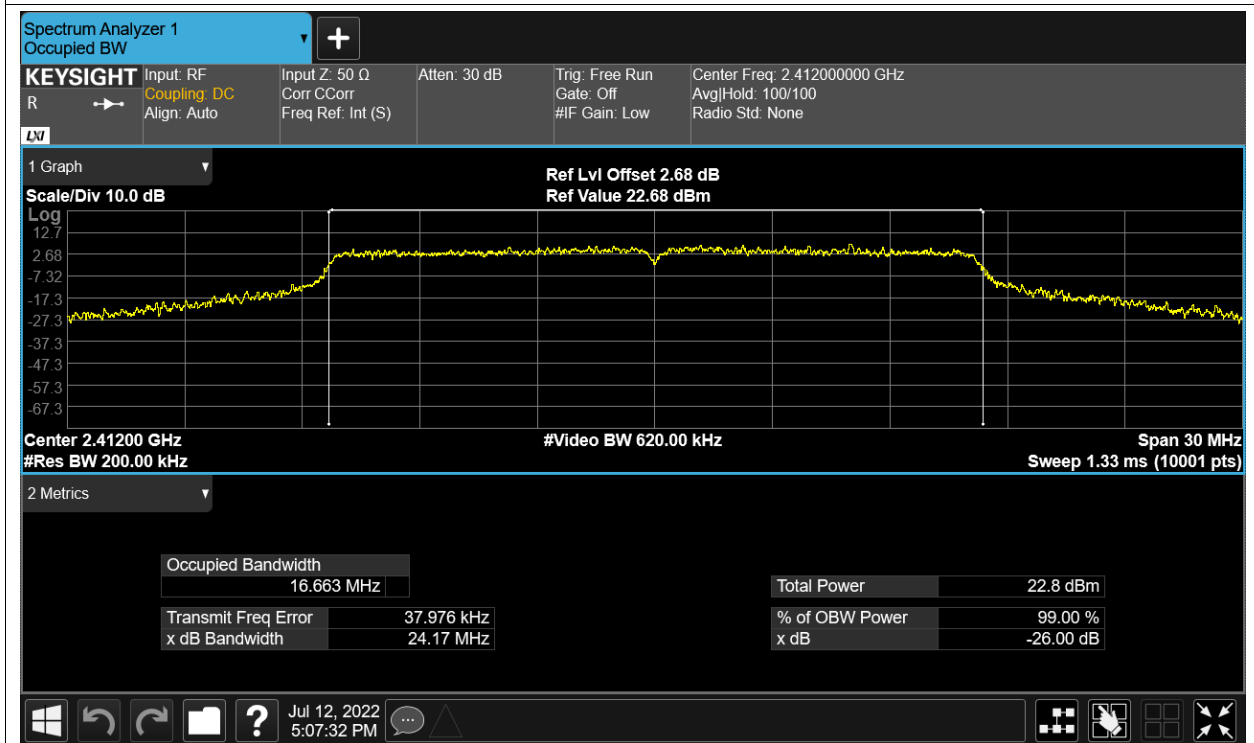
OBW NVNT g 2437MHz Ant1



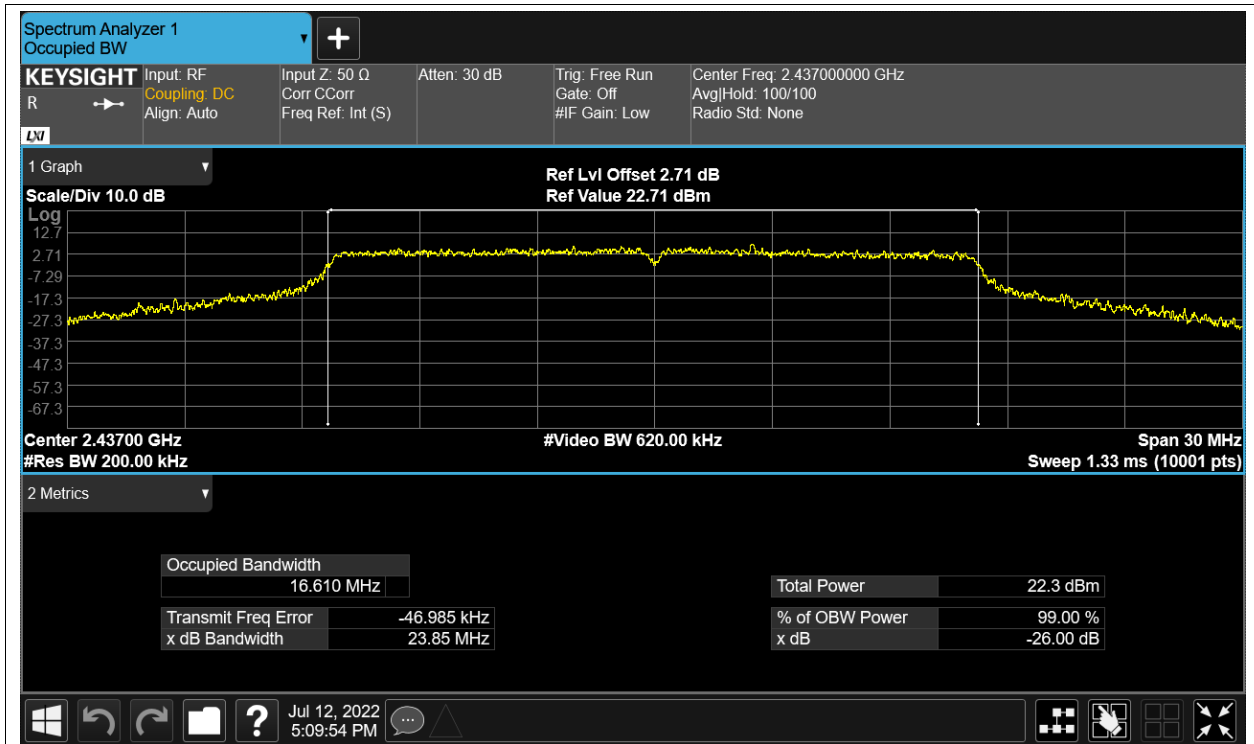
OBW NVNT g 2462MHz Ant1



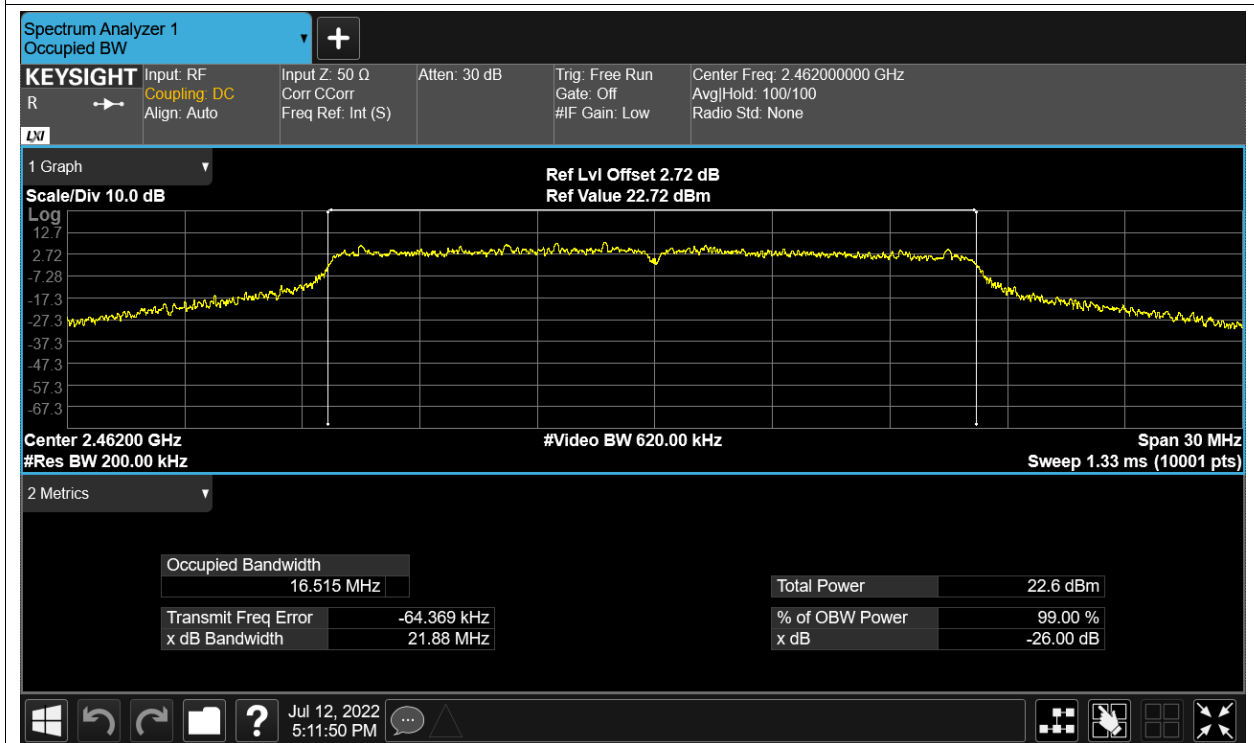
OBW NVNT g 2412MHz Ant2



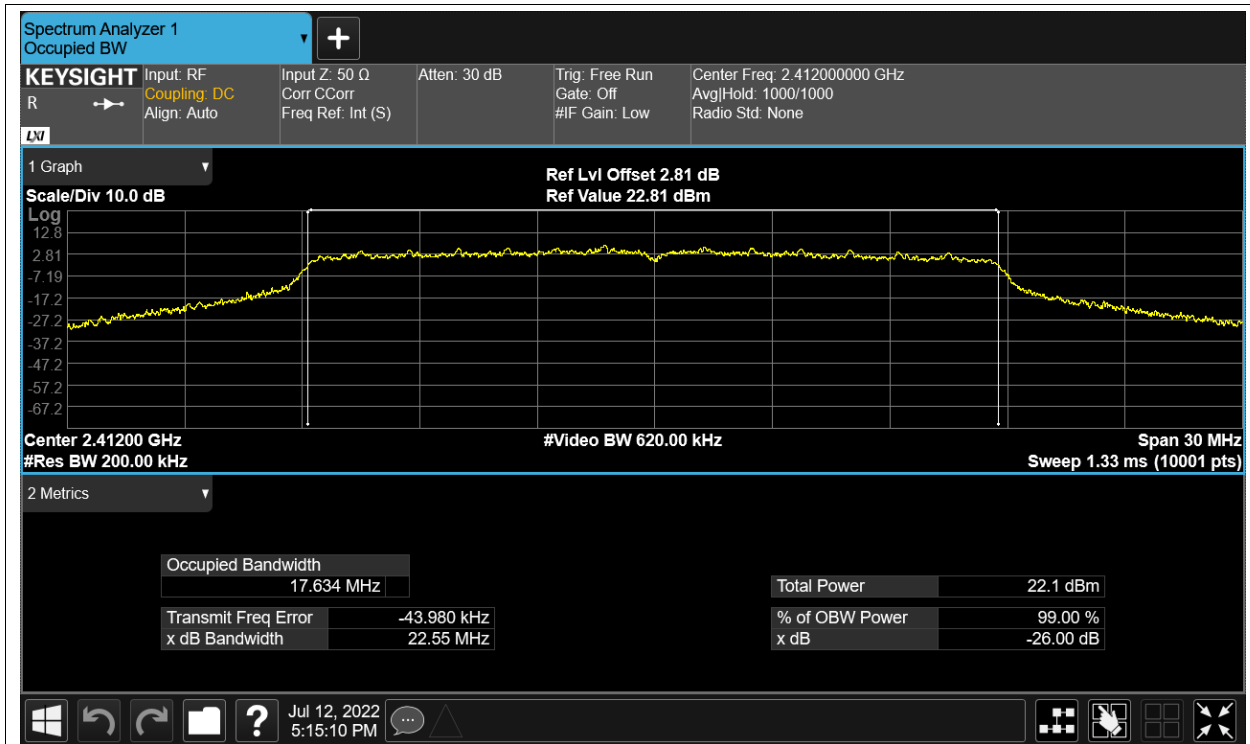
OBW NVNT g 2437MHz Ant2



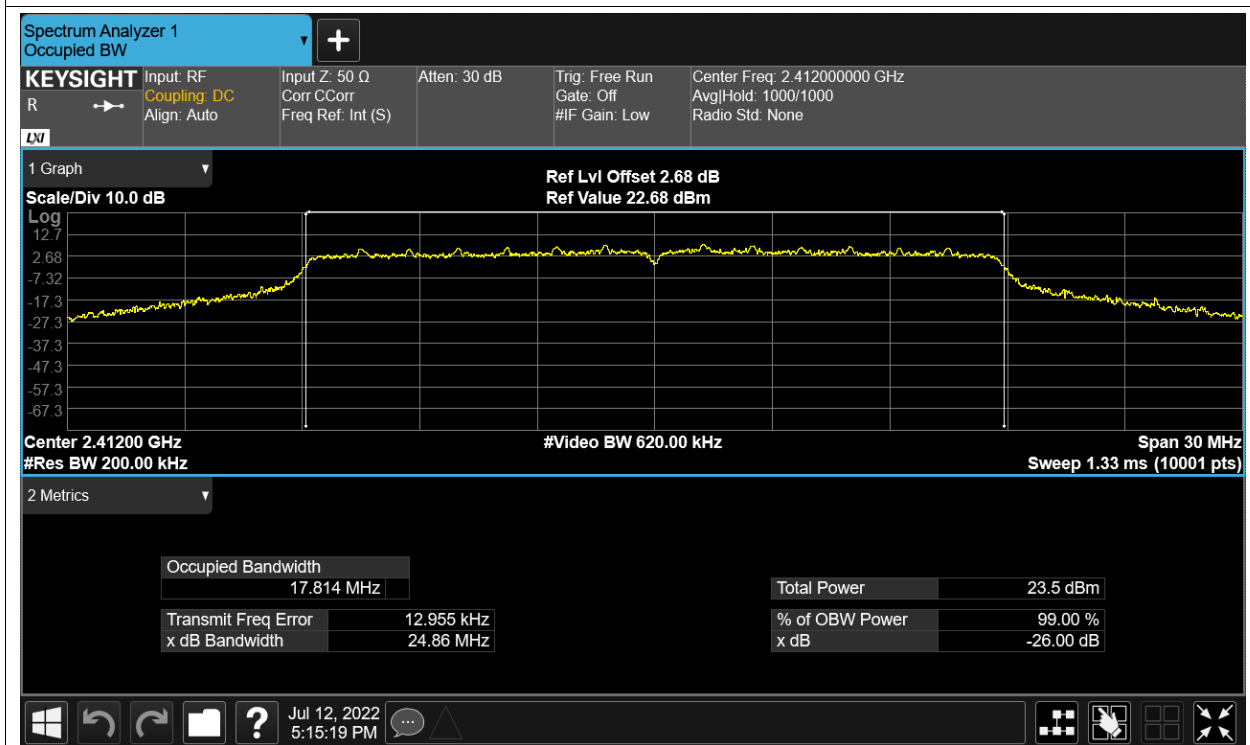
OBW NVNT g 2462MHz Ant2



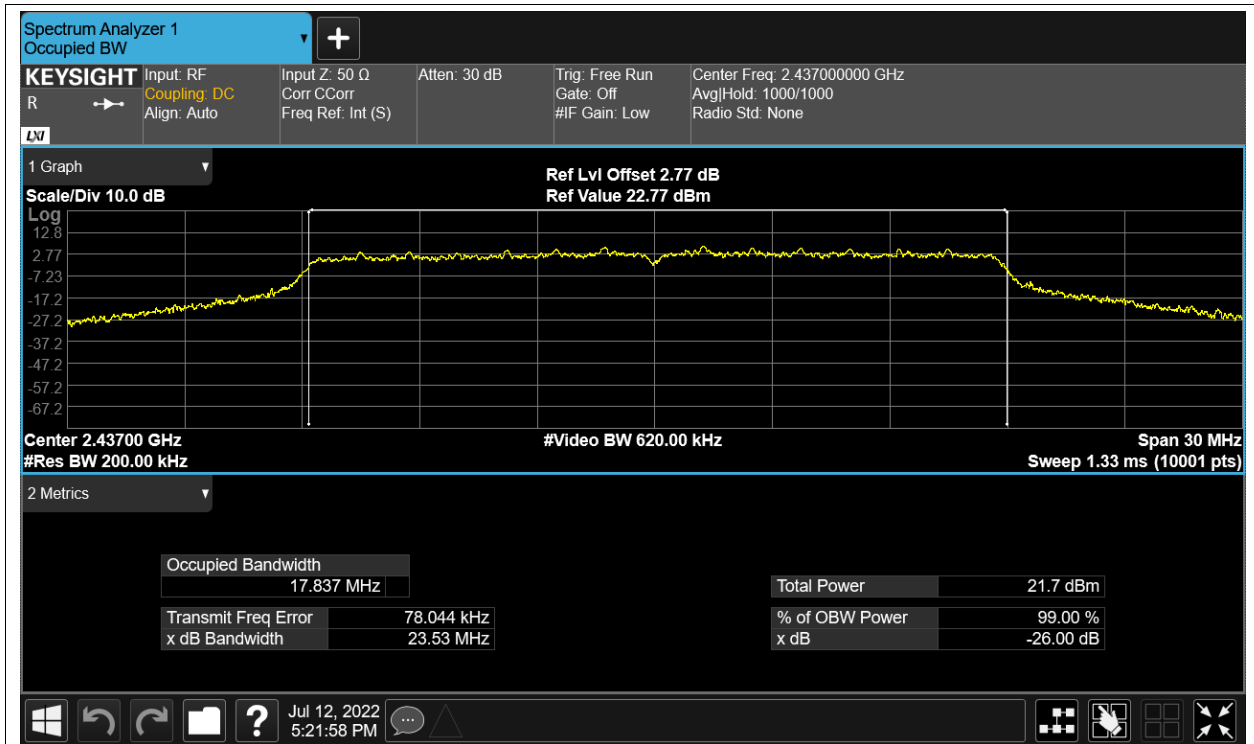
OBW NVNT n20 2412MHz Ant1



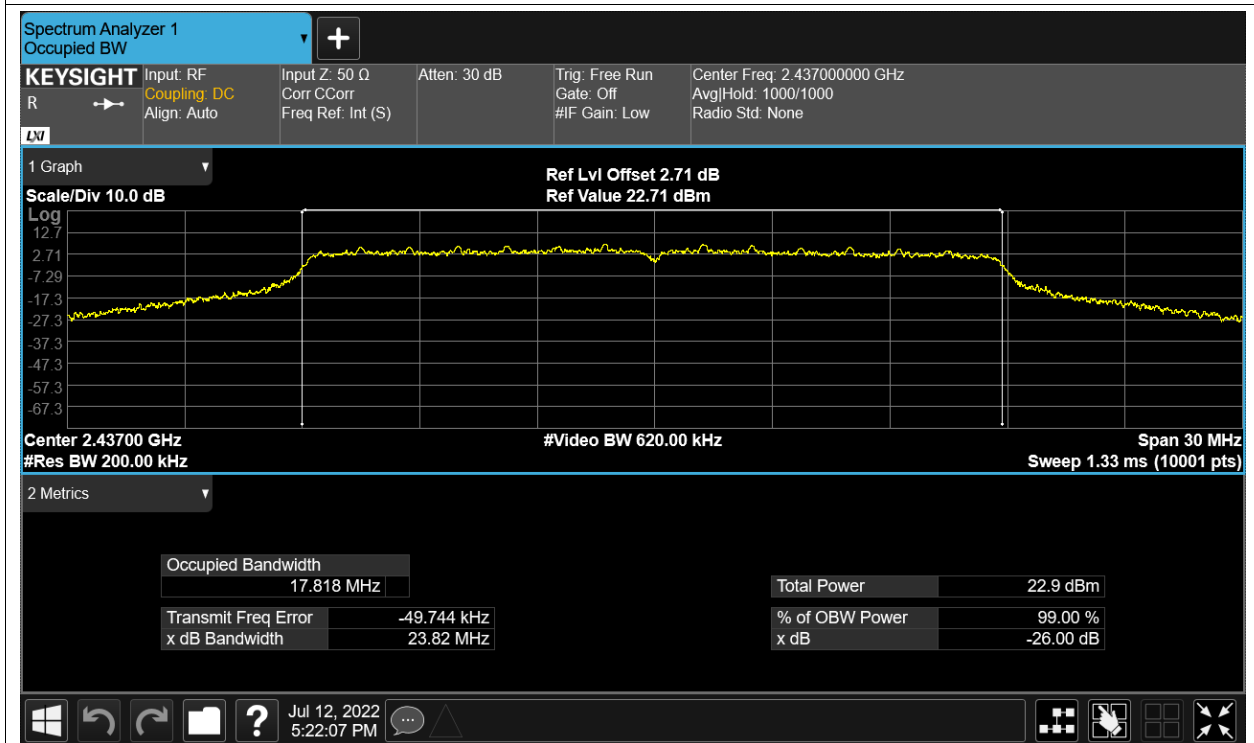
OBW NVNT n20 2412MHz Ant2



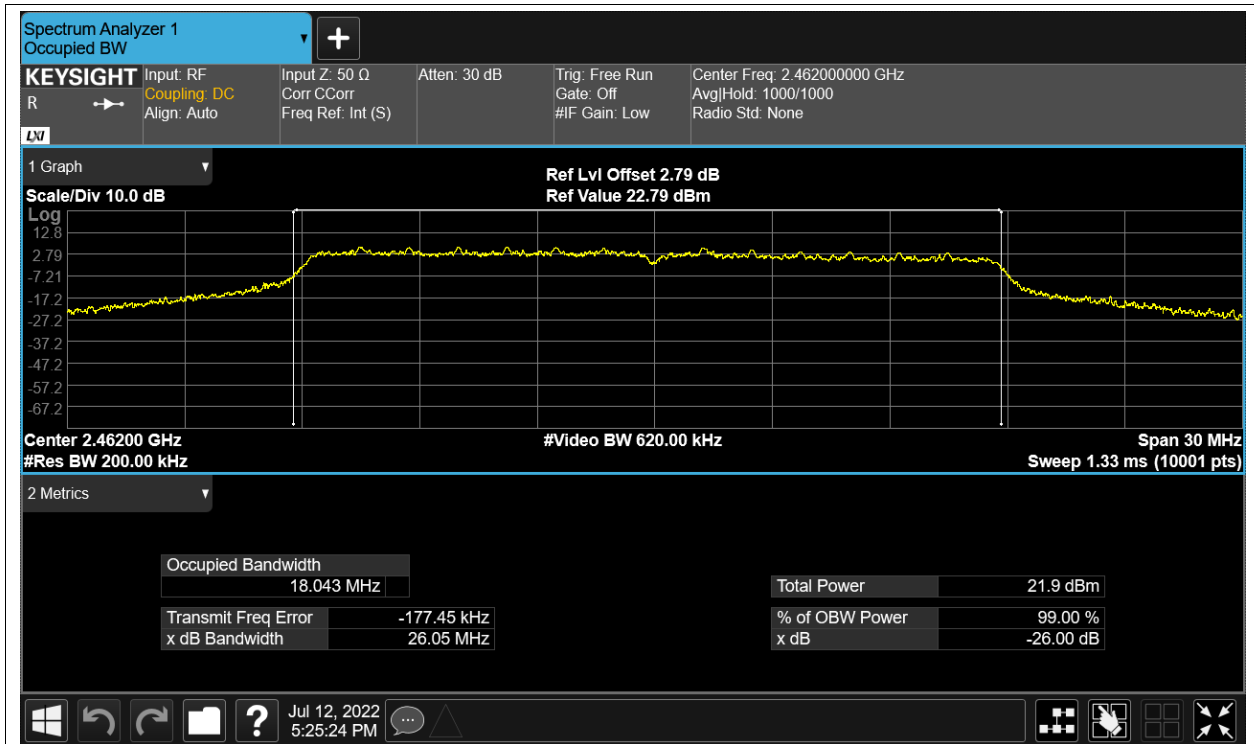
OBW NVNT n20 2437MHz Ant1



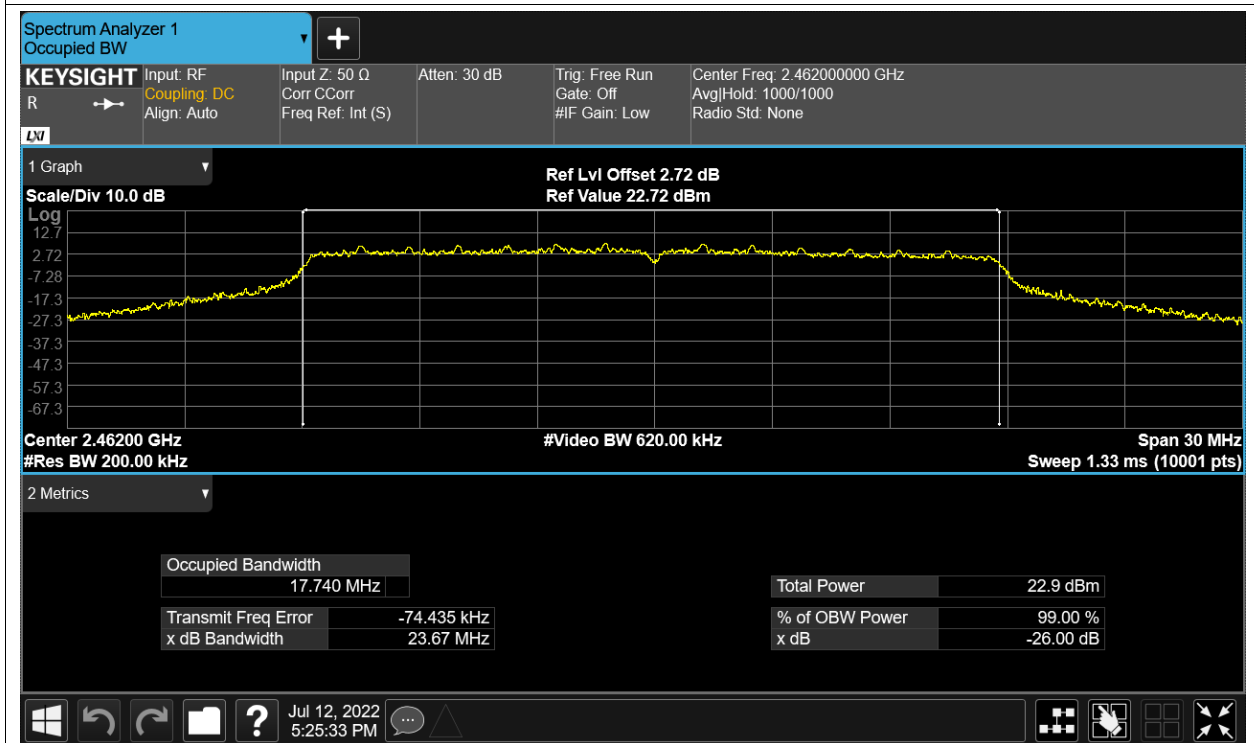
OBW NVNT n20 2437MHz Ant2



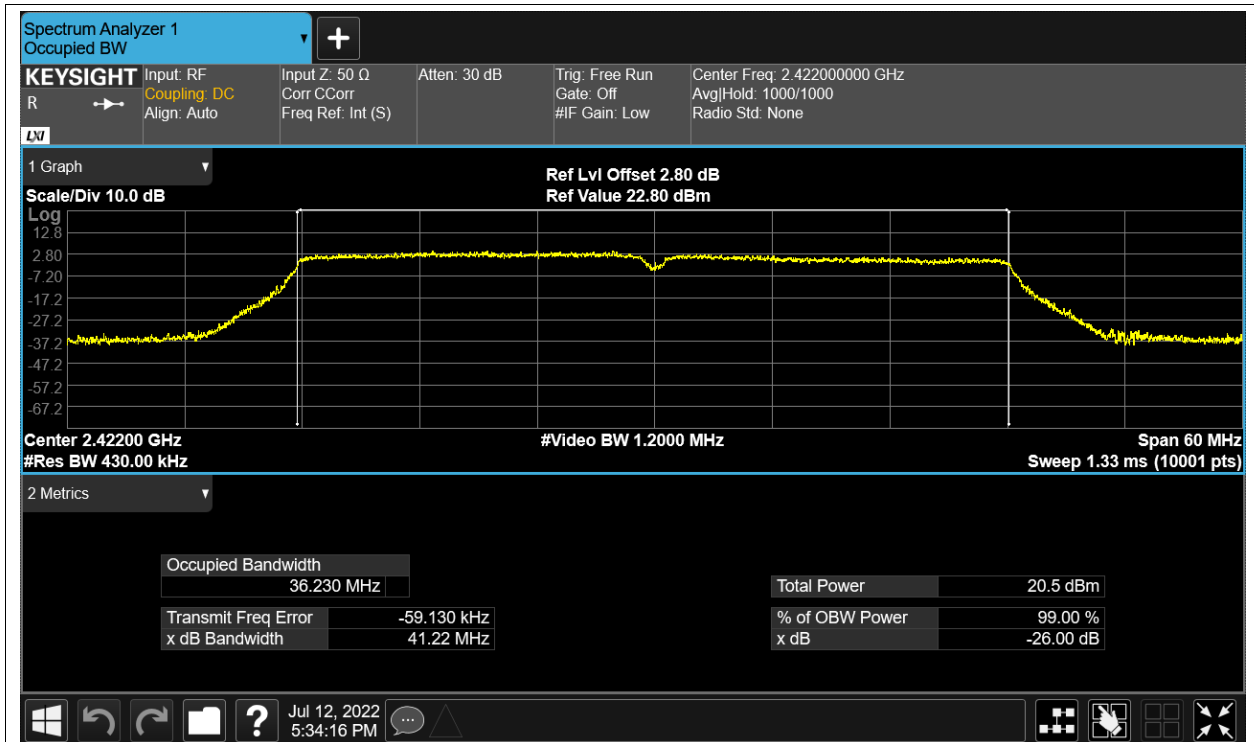
OBW NVNT n20 2462MHz Ant1



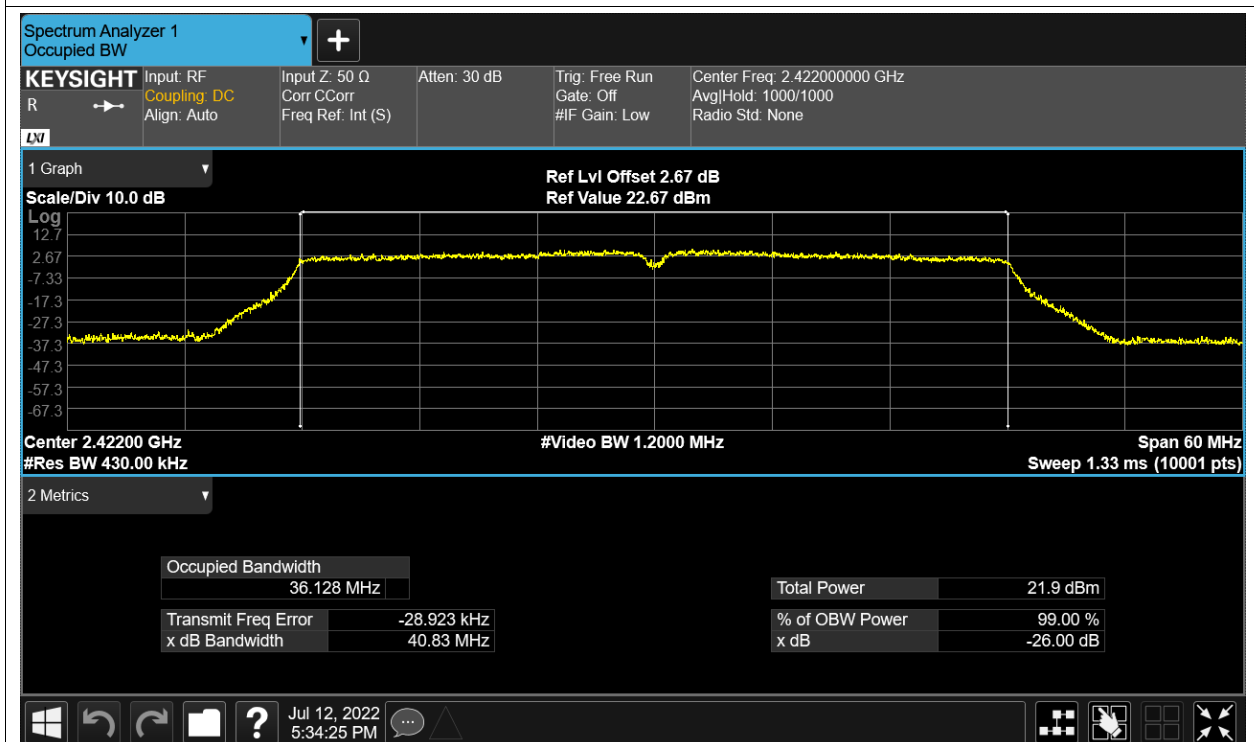
OBW NVNT n20 2462MHz Ant2



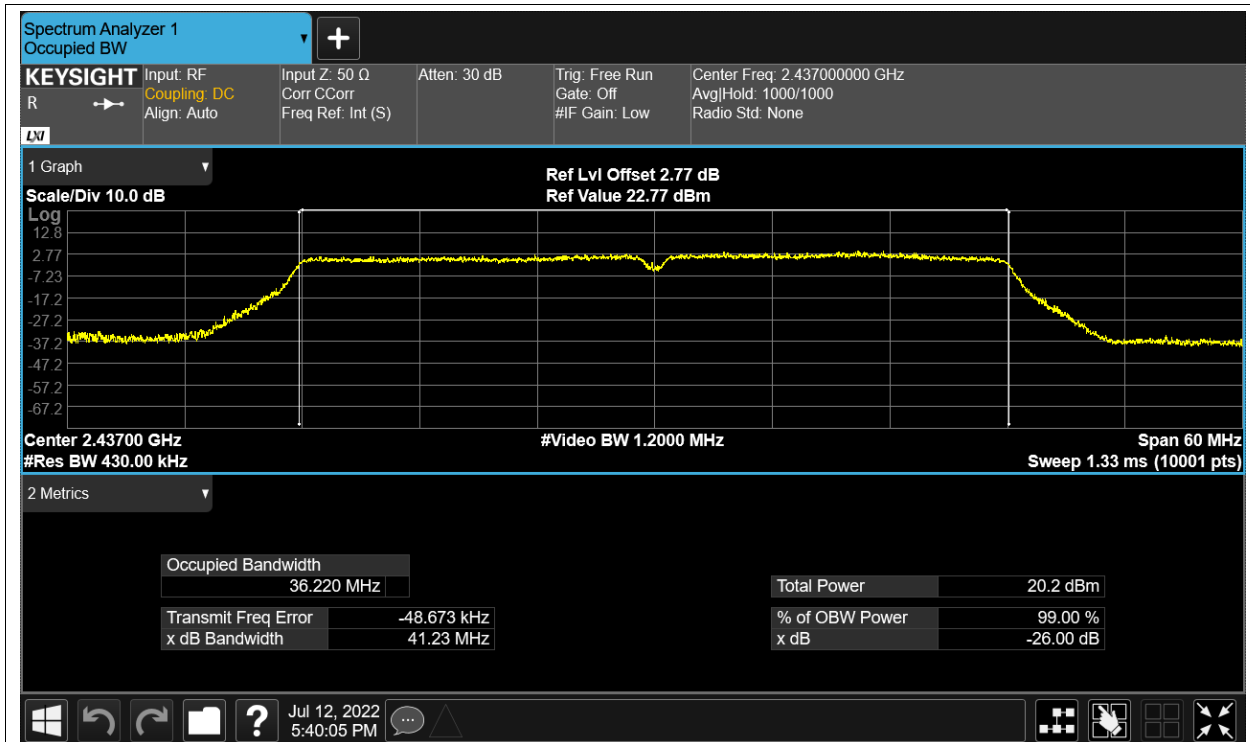
OBW NVNT n40 2422MHz Ant1



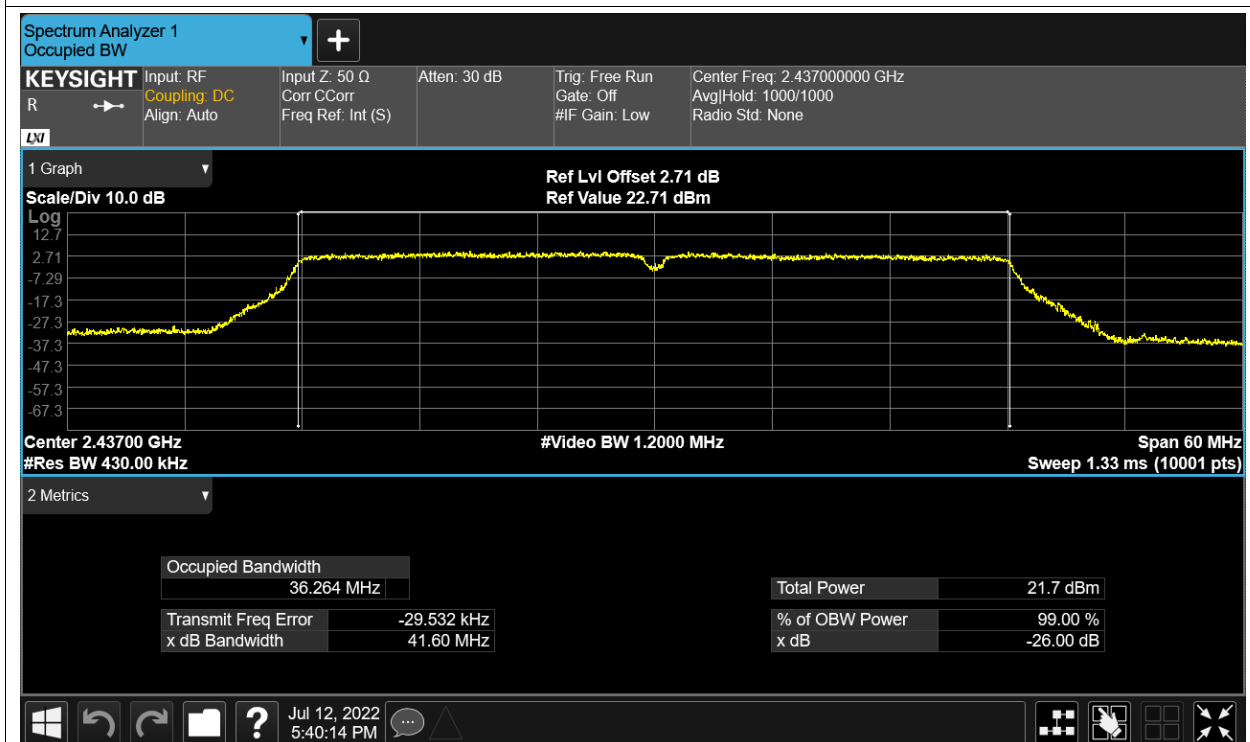
OBW NVNT n40 2422MHz Ant2



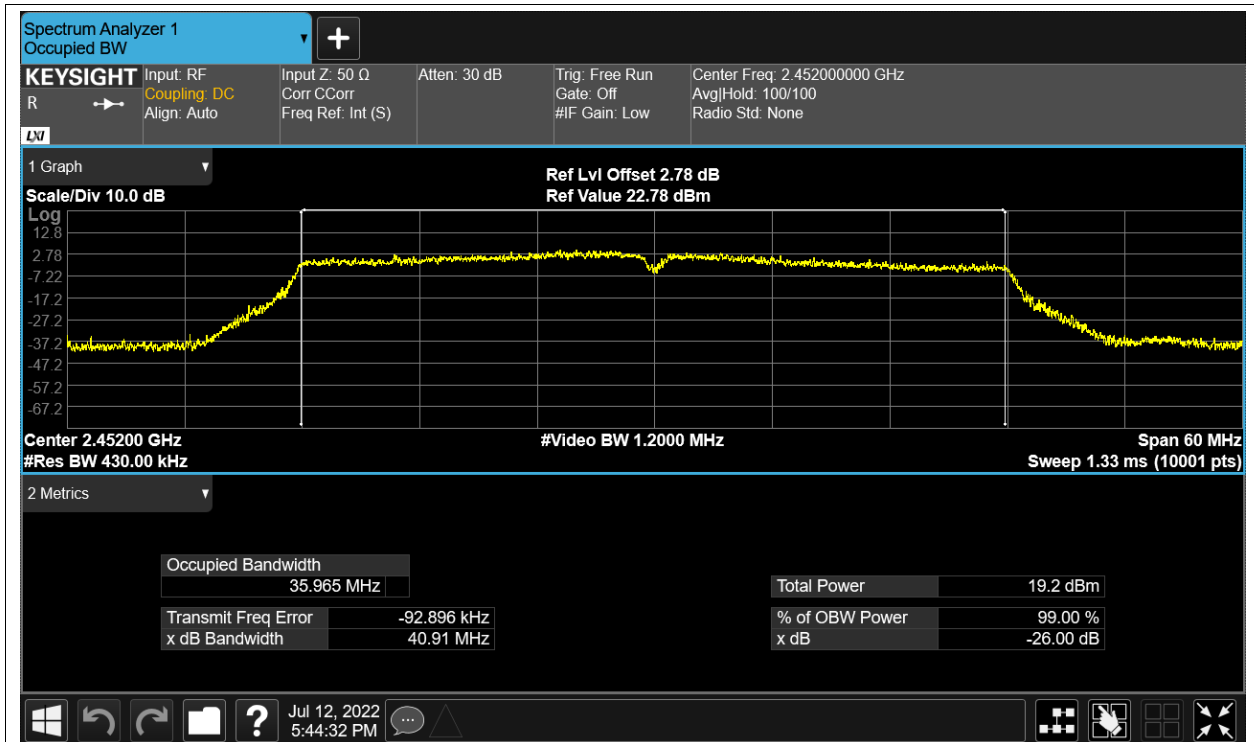
OBW NVNT n40 2437MHz Ant1



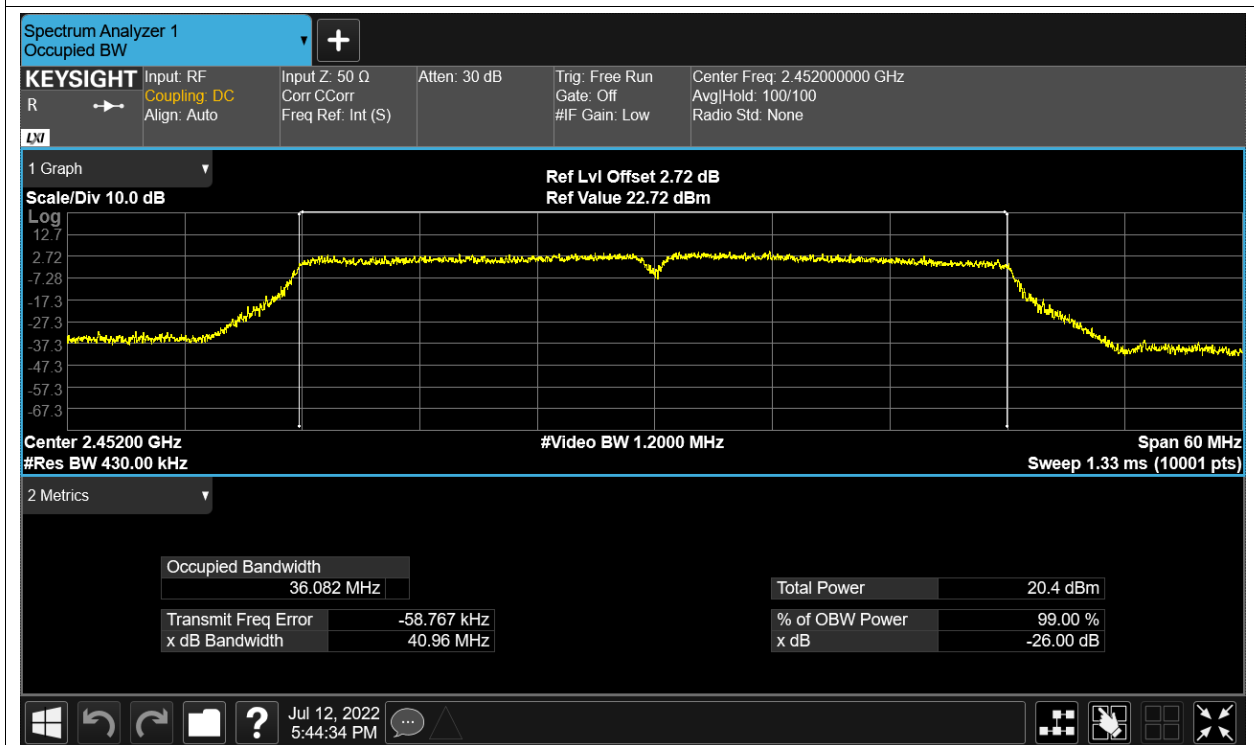
OBW NVNT n40 2437MHz Ant2



OBW NVNT n40 2452MHz Ant1



OBW NVNT n40 2452MHz Ant2

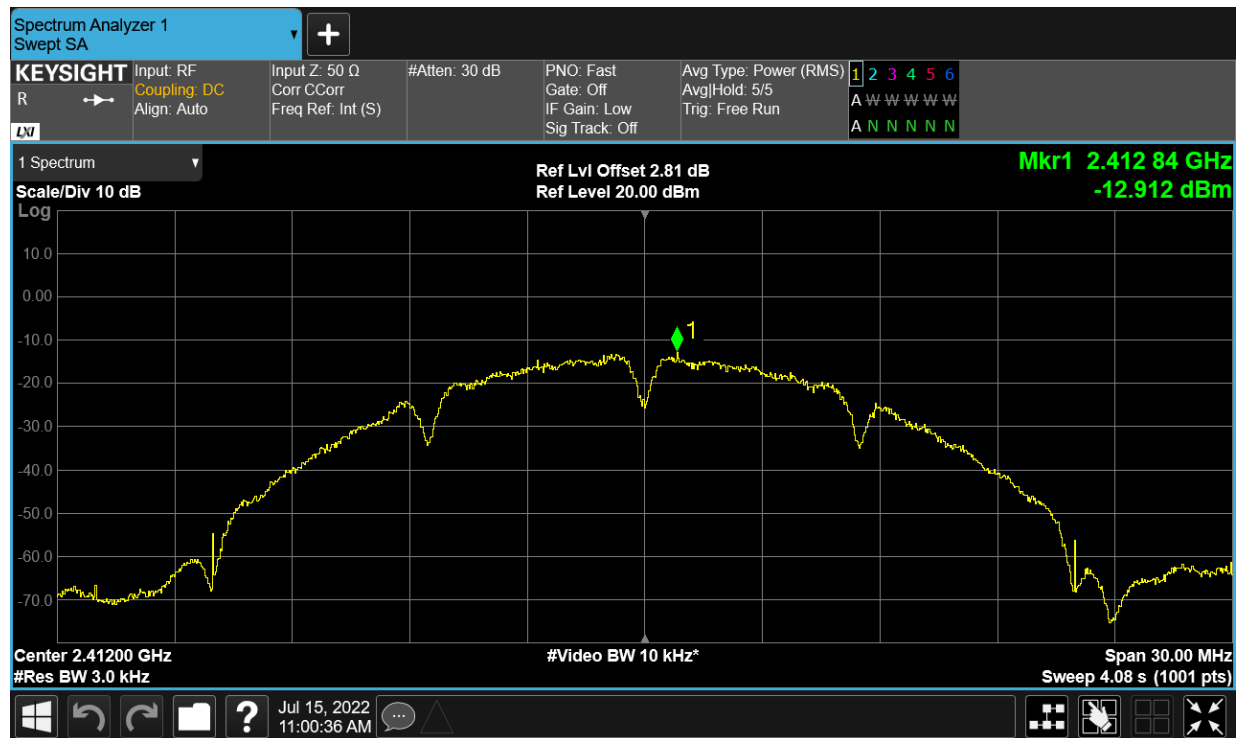


Maximum Power Spectral Density Level

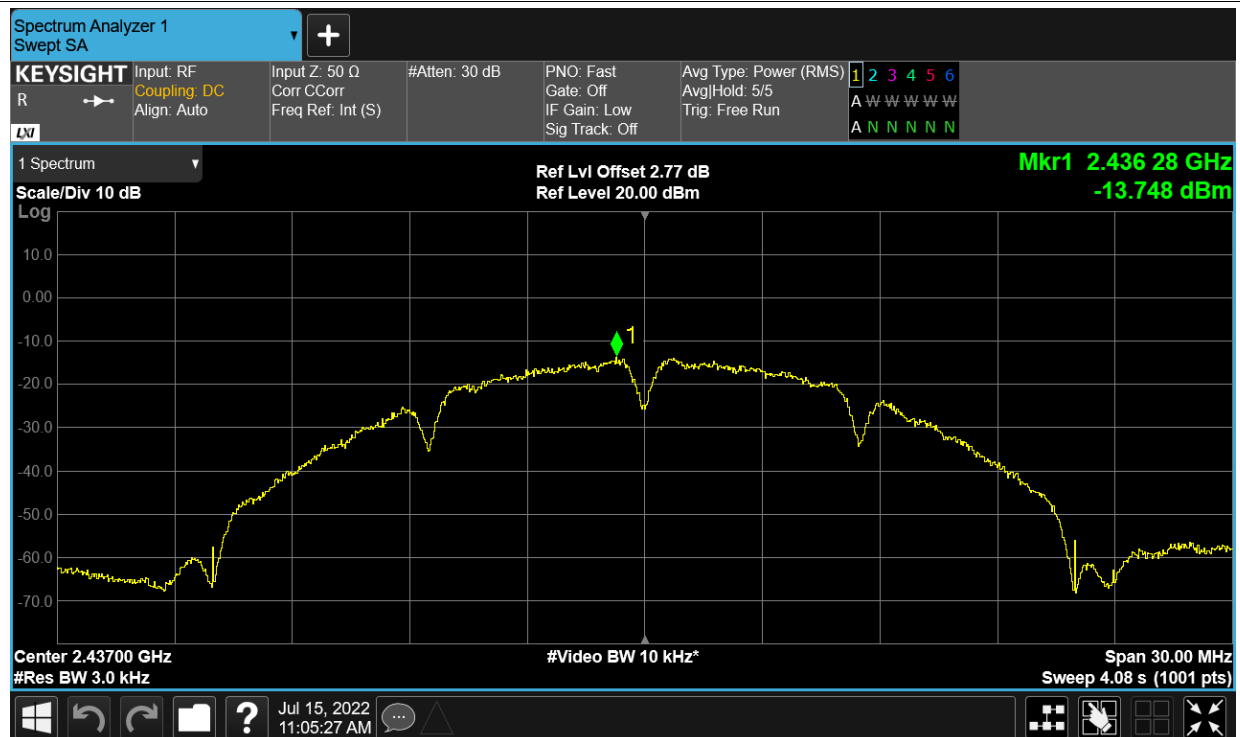
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	-12.912	8	Pass
NVNT	b	2437	Ant1	-13.748	8	Pass
NVNT	b	2462	Ant1	-13.388	8	Pass
NVNT	b	2412	Ant2	-12.017	8	Pass
NVNT	b	2437	Ant2	-12.113	8	Pass
NVNT	b	2462	Ant2	-11.924	8	Pass
NVNT	g	2412	Ant1	-17.323	8	Pass
NVNT	g	2437	Ant1	-18.162	8	Pass
NVNT	g	2462	Ant1	-17.457	8	Pass
NVNT	g	2412	Ant2	-16.66	8	Pass
NVNT	g	2437	Ant2	-17.234	8	Pass
NVNT	g	2462	Ant2	-17.2	8	Pass
NVNT	n20	2412	Ant1	-18.142	8	Pass
NVNT	n20	2412	Ant2	-17.653	8	Pass
NVNT	n20	2412	Sum	-14.88	8	Pass
NVNT	n20	2437	Ant1	-19.106	8	Pass
NVNT	n20	2437	Ant2	-18.43	8	Pass
NVNT	n20	2437	Sum	-15.745	8	Pass
NVNT	n20	2462	Ant1	-19.174	8	Pass
NVNT	n20	2462	Ant2	-18.42	8	Pass
NVNT	n20	2462	Sum	-15.77	8	Pass
NVNT	n40	2422	Ant1	-23.937	8	Pass
NVNT	n40	2422	Ant2	-22.131	8	Pass
NVNT	n40	2422	Sum	-19.93	8	Pass
NVNT	n40	2437	Ant1	-24.227	8	Pass
NVNT	n40	2437	Ant2	-23.228	8	Pass
NVNT	n40	2437	Sum	-20.689	8	Pass
NVNT	n40	2452	Ant1	-22.205	8	Pass
NVNT	n40	2452	Ant2	-22.456	8	Pass
NVNT	n40	2452	Sum	-19.318	8	Pass

Test Graphs

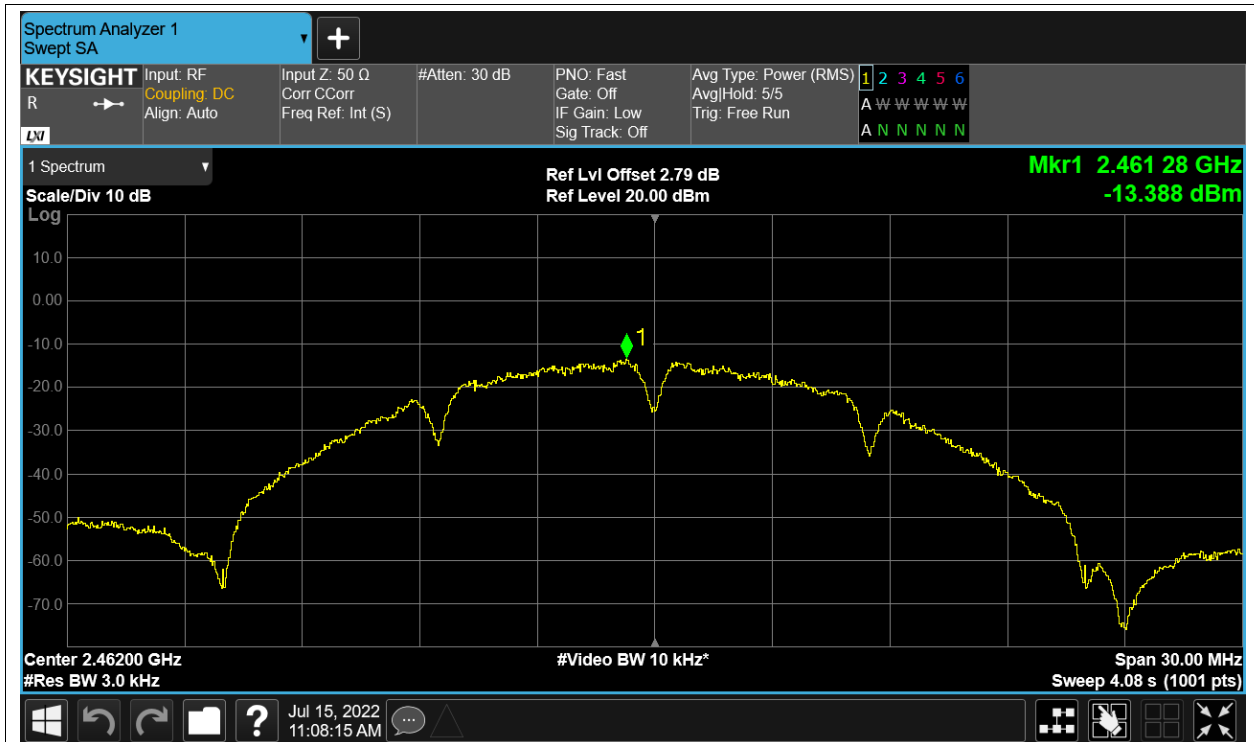
PSD NVNT b 2412MHz Ant1



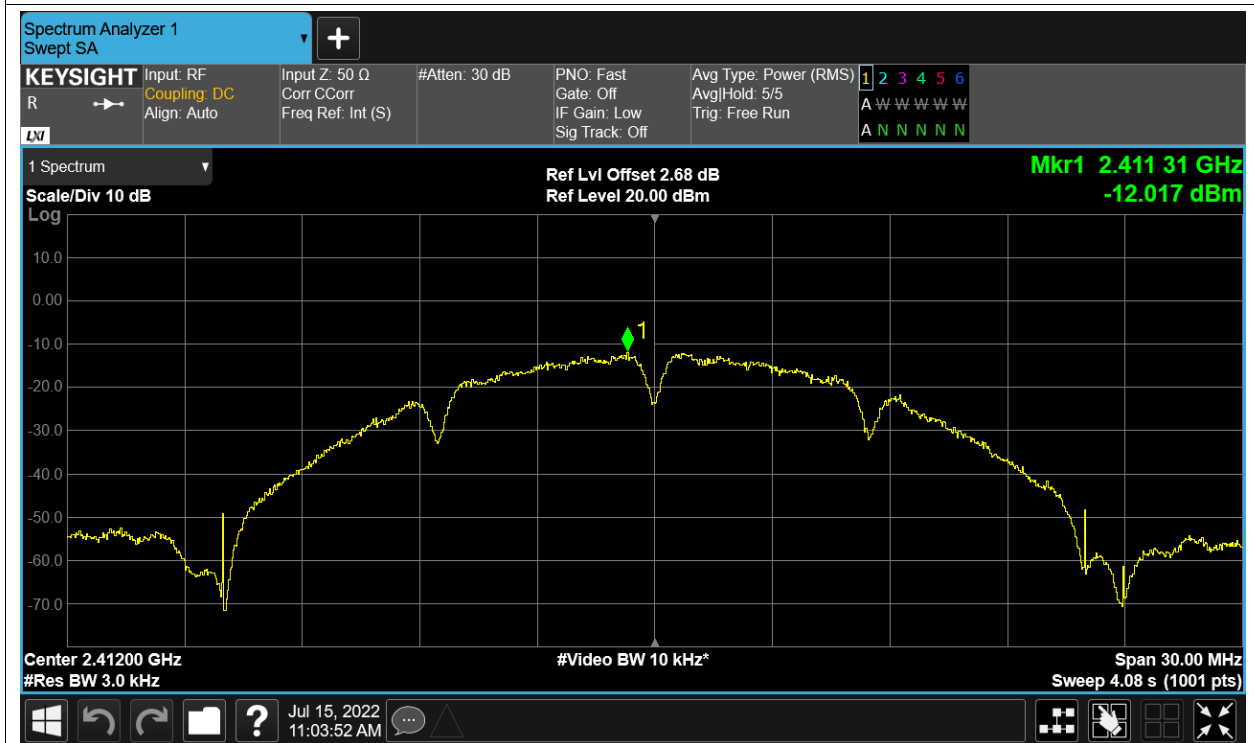
PSD NVNT b 2437MHz Ant1



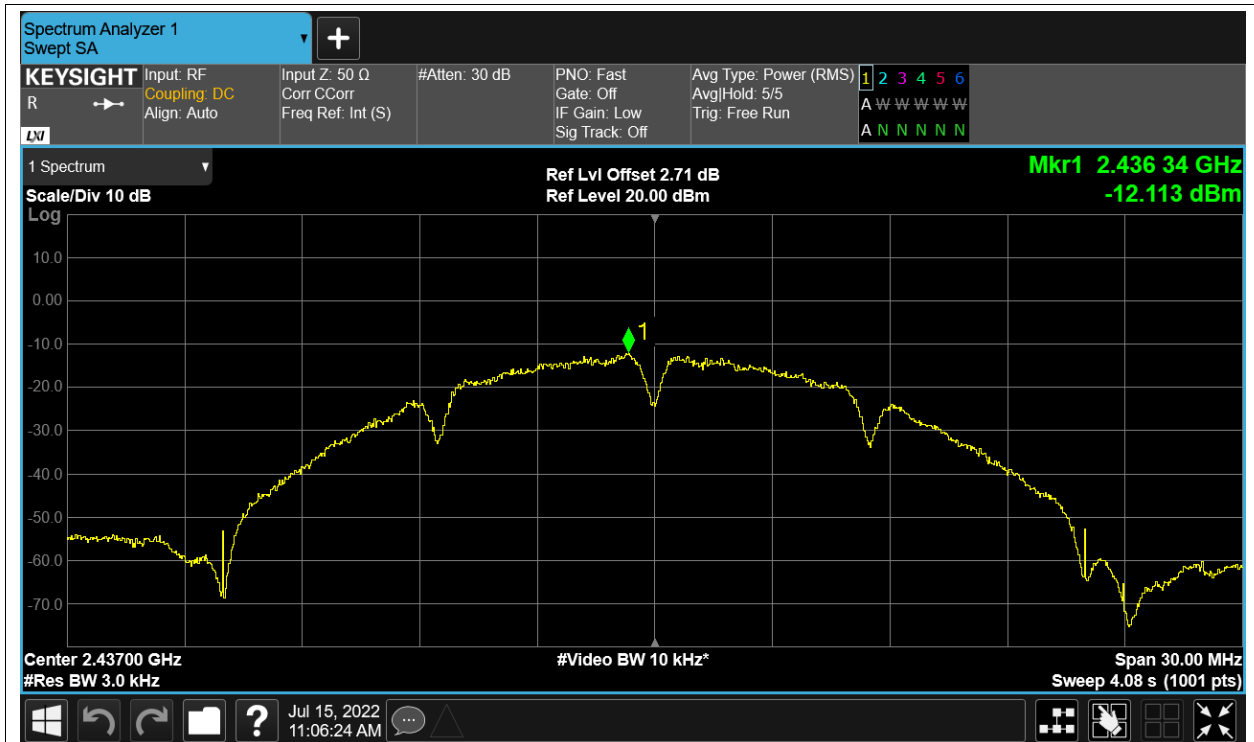
PSD NVNT b 2462MHz Ant1



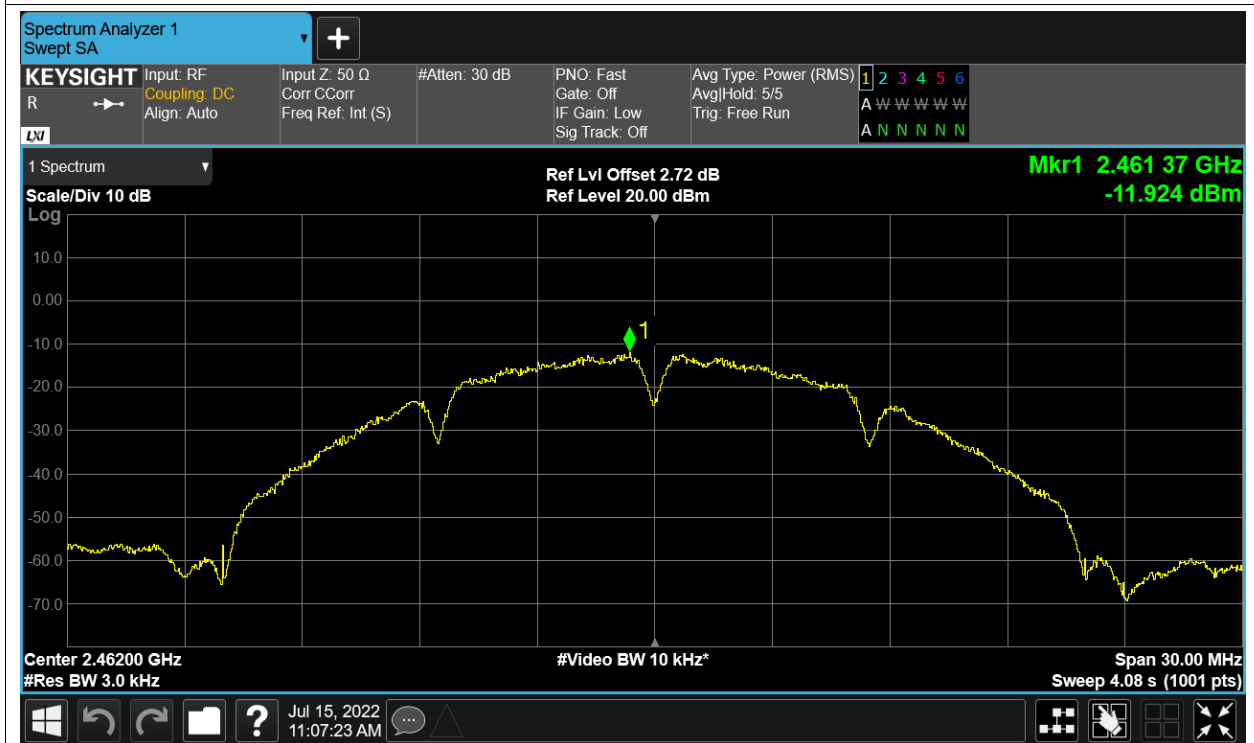
PSD NVNT b 2412MHz Ant2



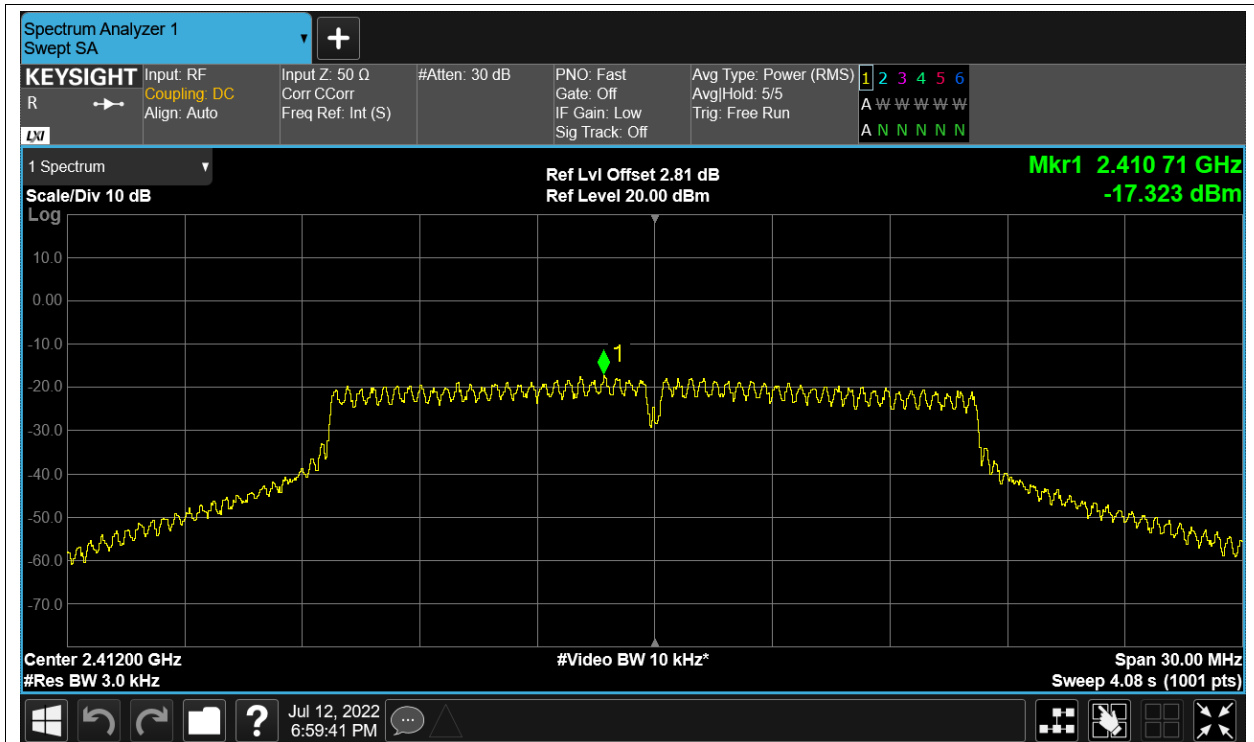
PSD NVNT b 2437MHz Ant2



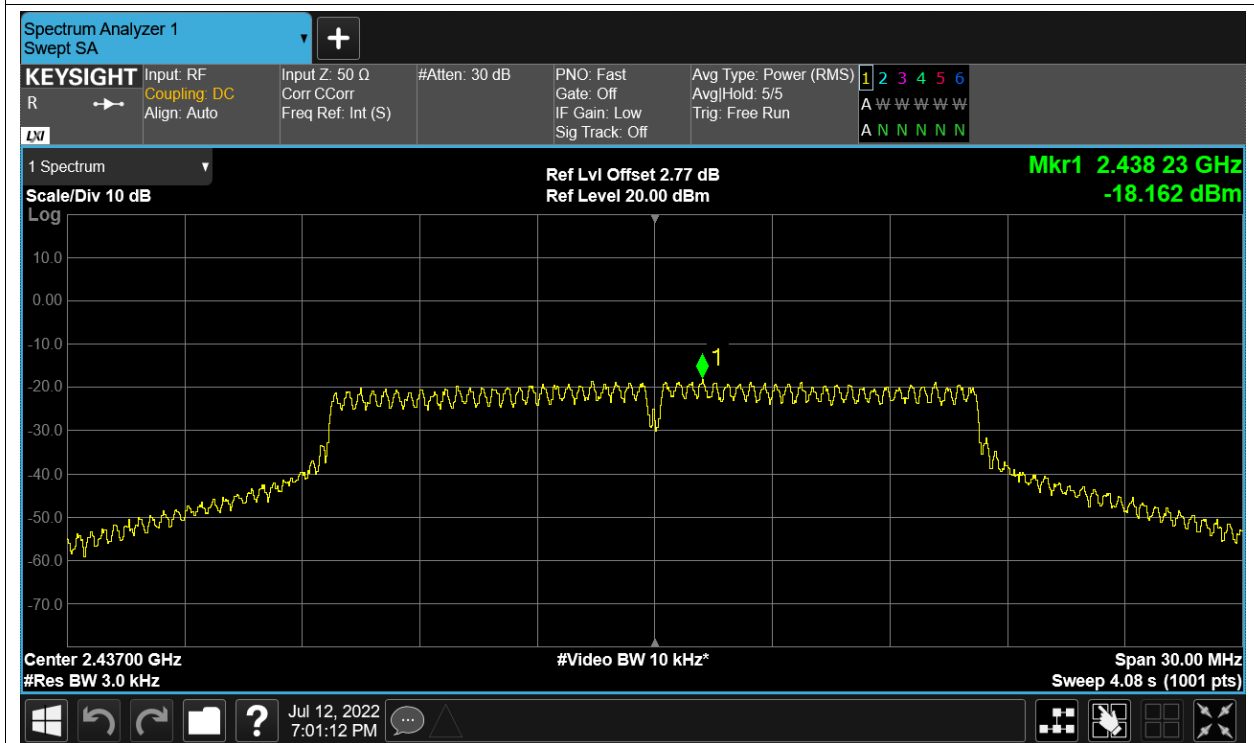
PSD NVNT b 2462MHz Ant2



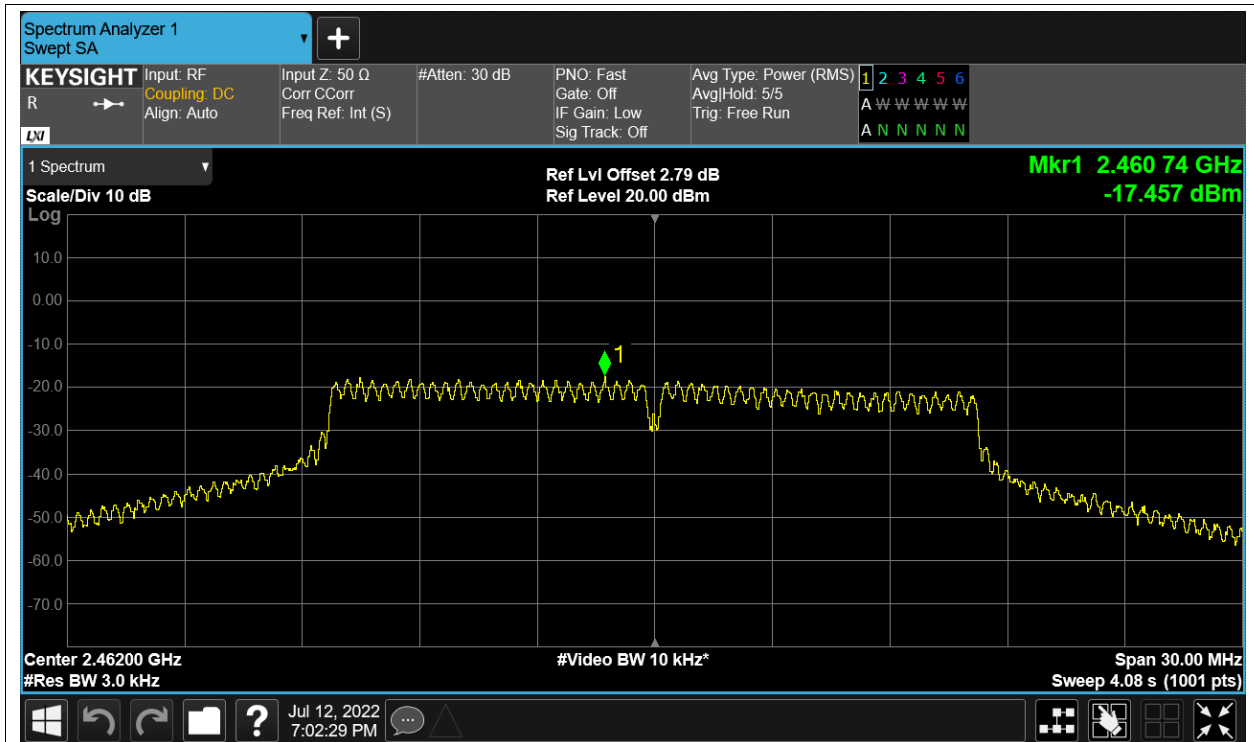
PSD NVNT g 2412MHz Ant1



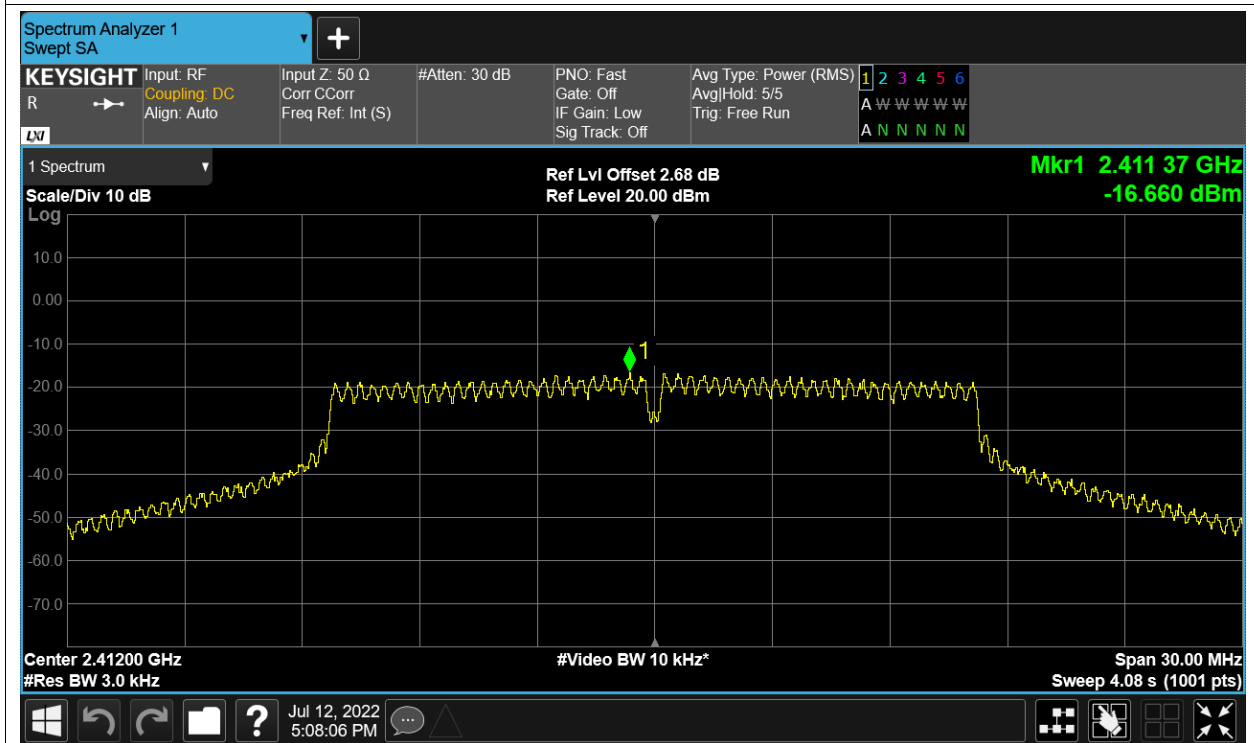
PSD NVNT g 2437MHz Ant1



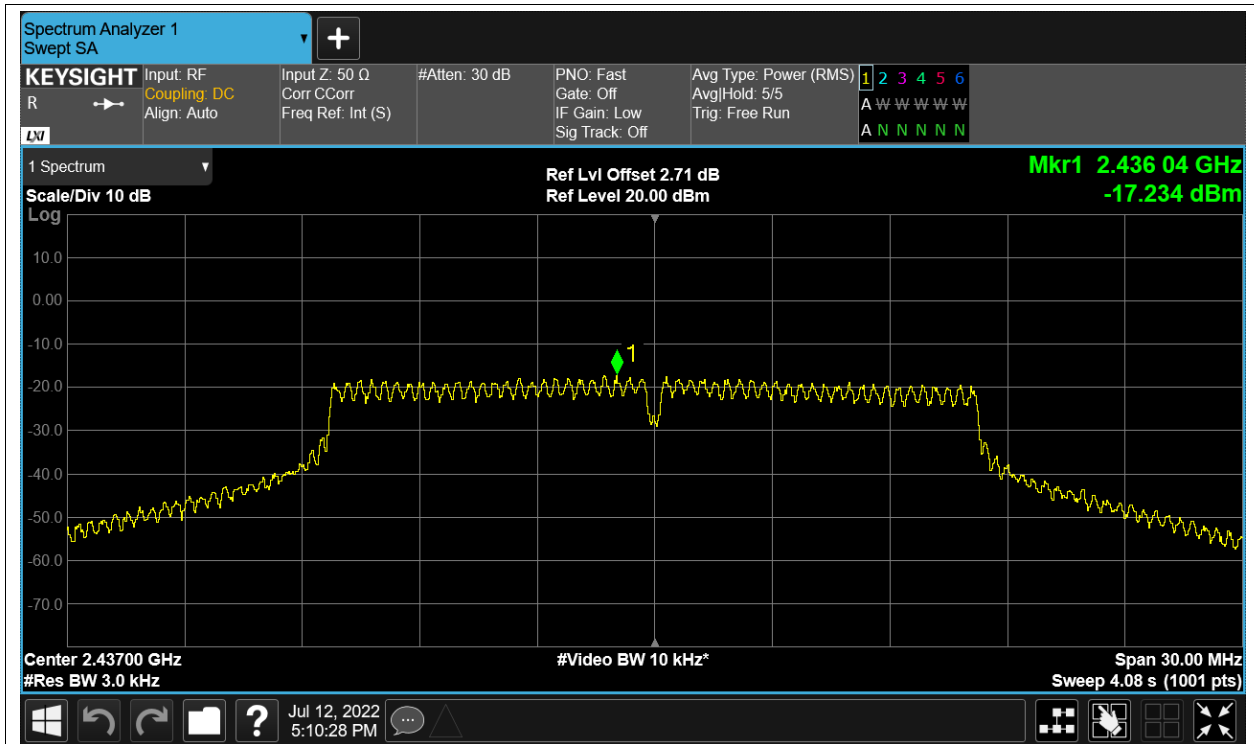
PSD NVNT g 2462MHz Ant1



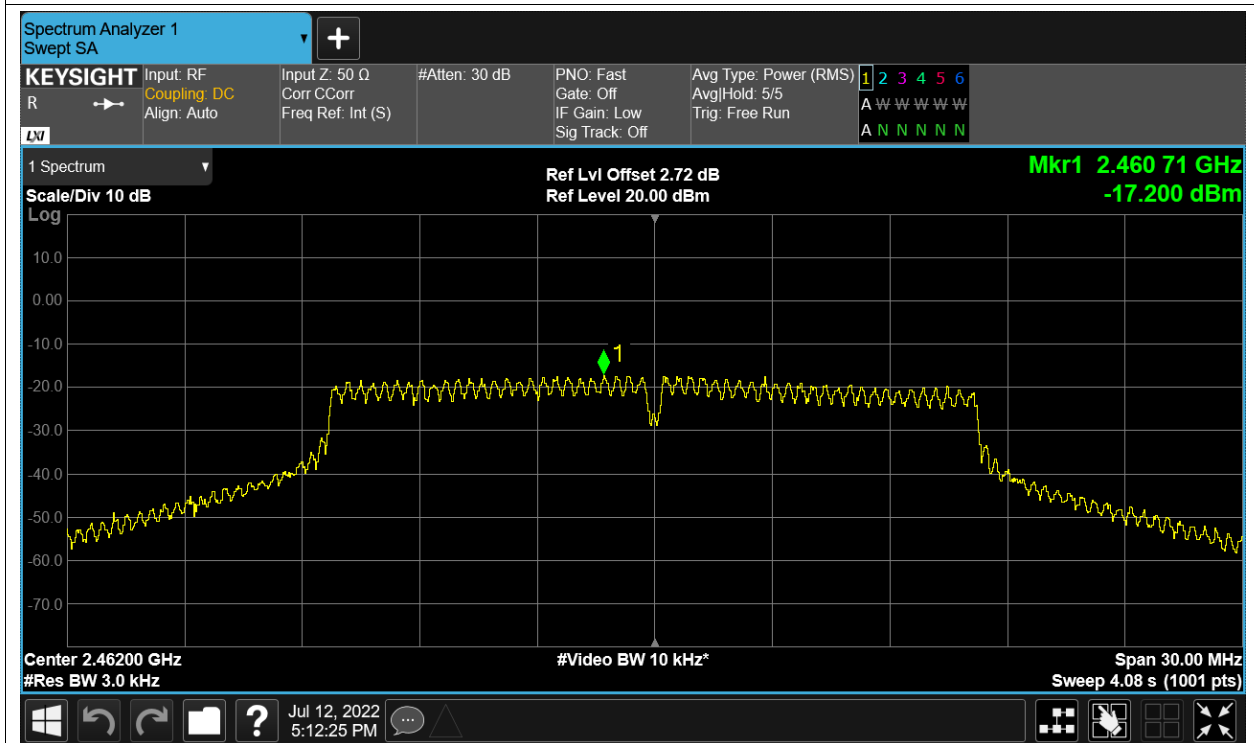
PSD NVNT g 2412MHz Ant2



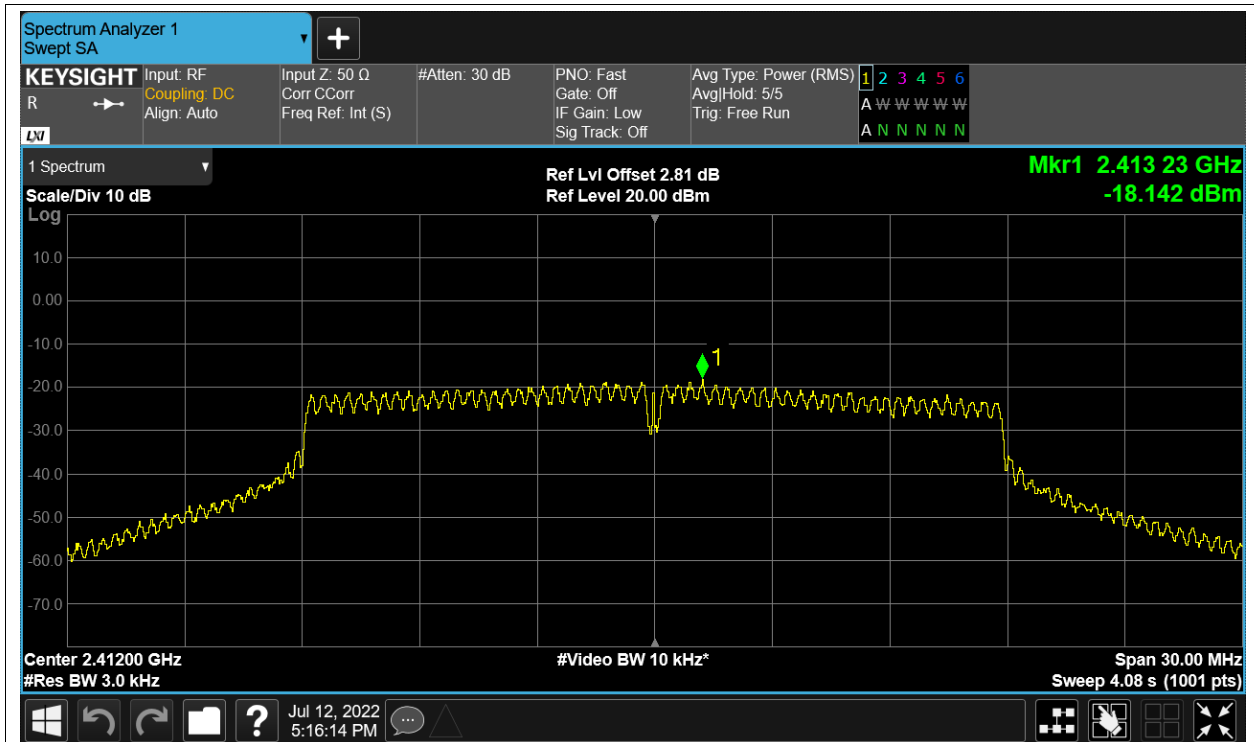
PSD NVNT g 2437MHz Ant2



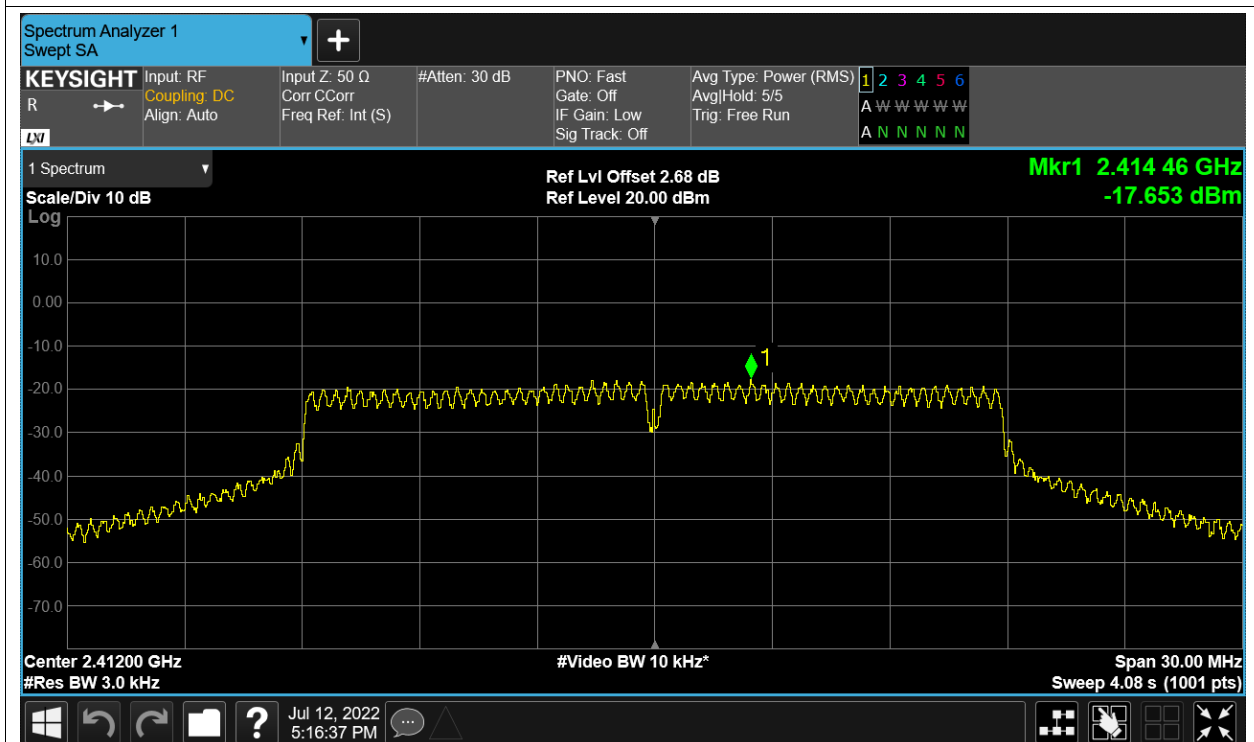
PSD NVNT g 2462MHz Ant2



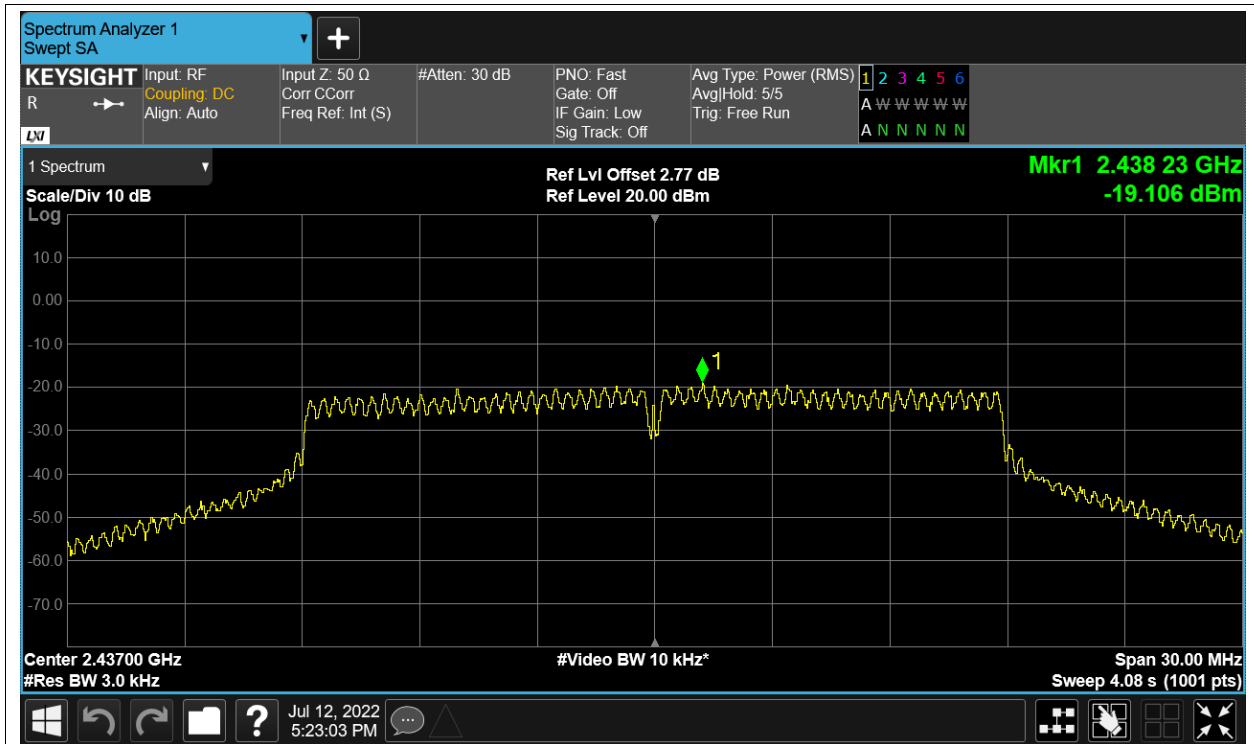
PSD NVNT n20 2412MHz Ant1



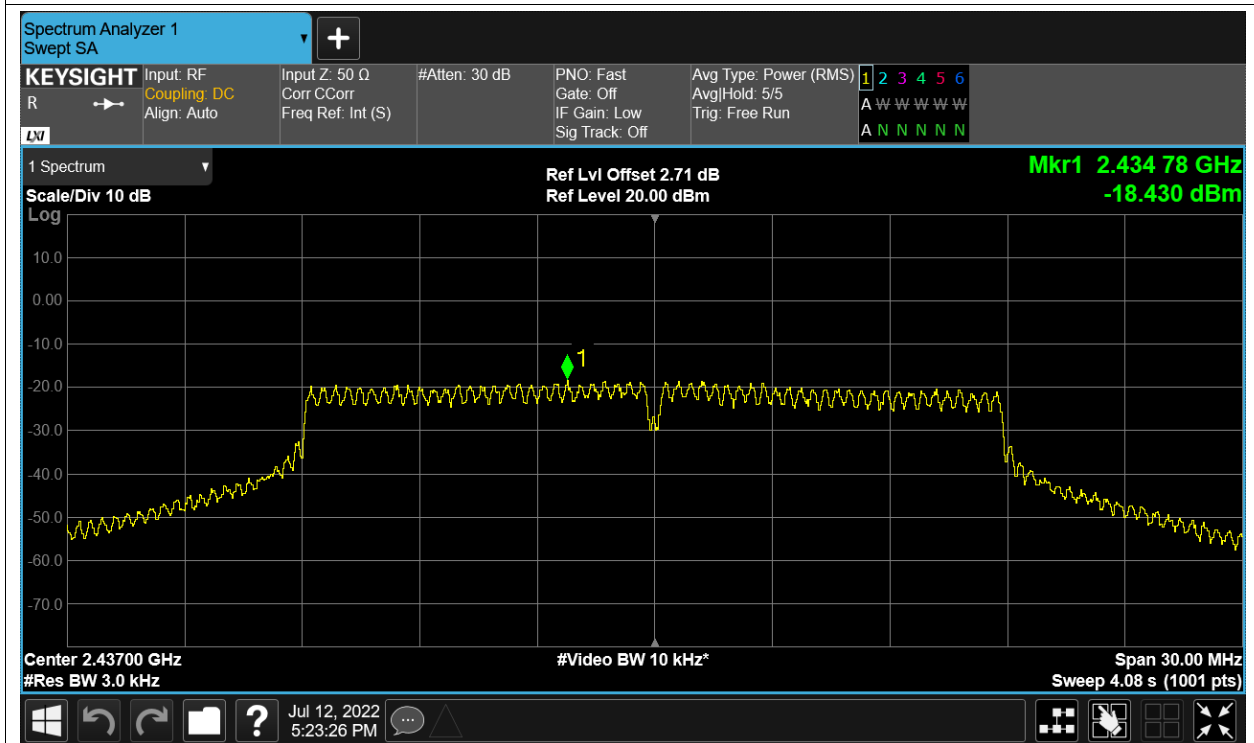
PSD NVNT n20 2412MHz Ant2



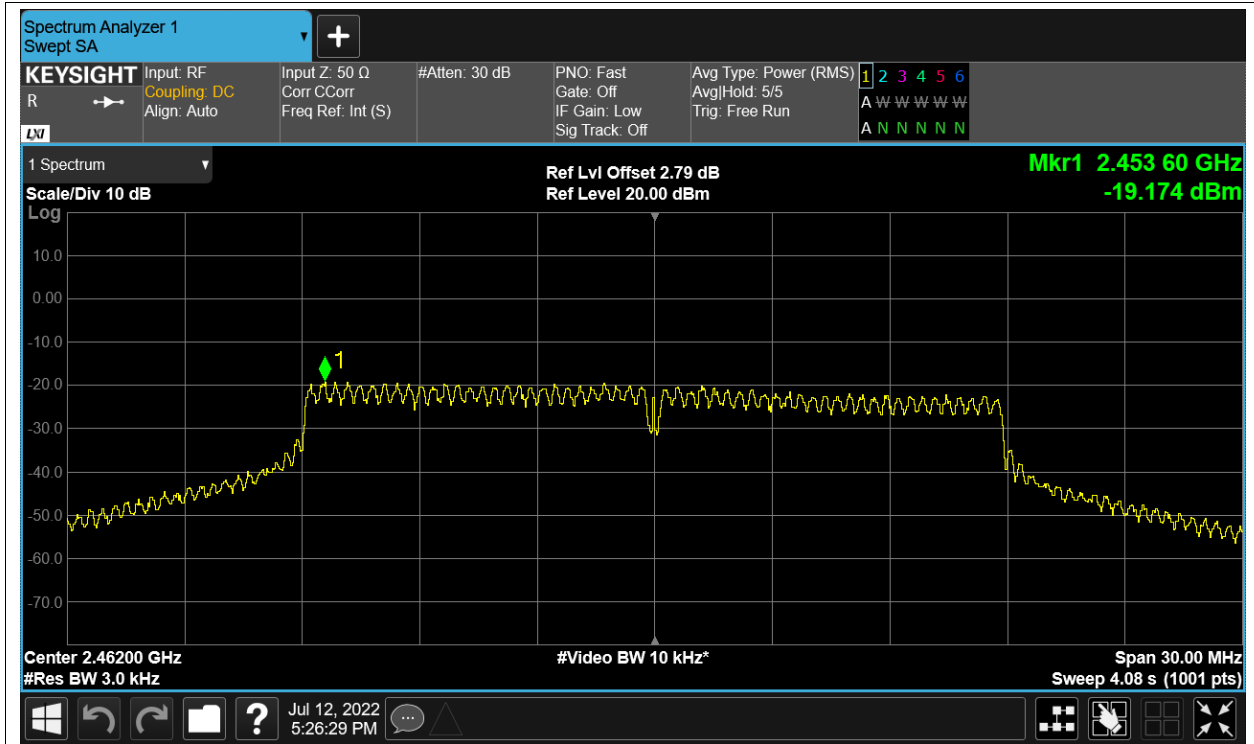
PSD NVNT n20 2437MHz Ant1



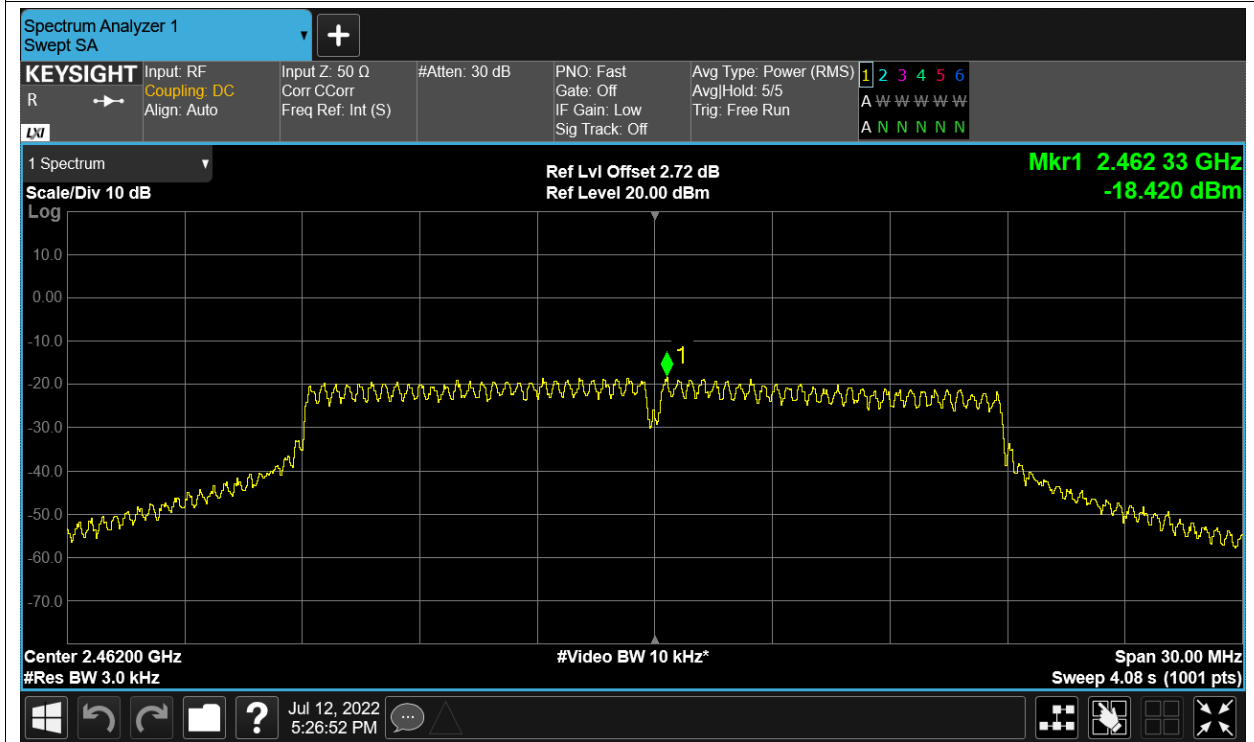
PSD NVNT n20 2437MHz Ant2



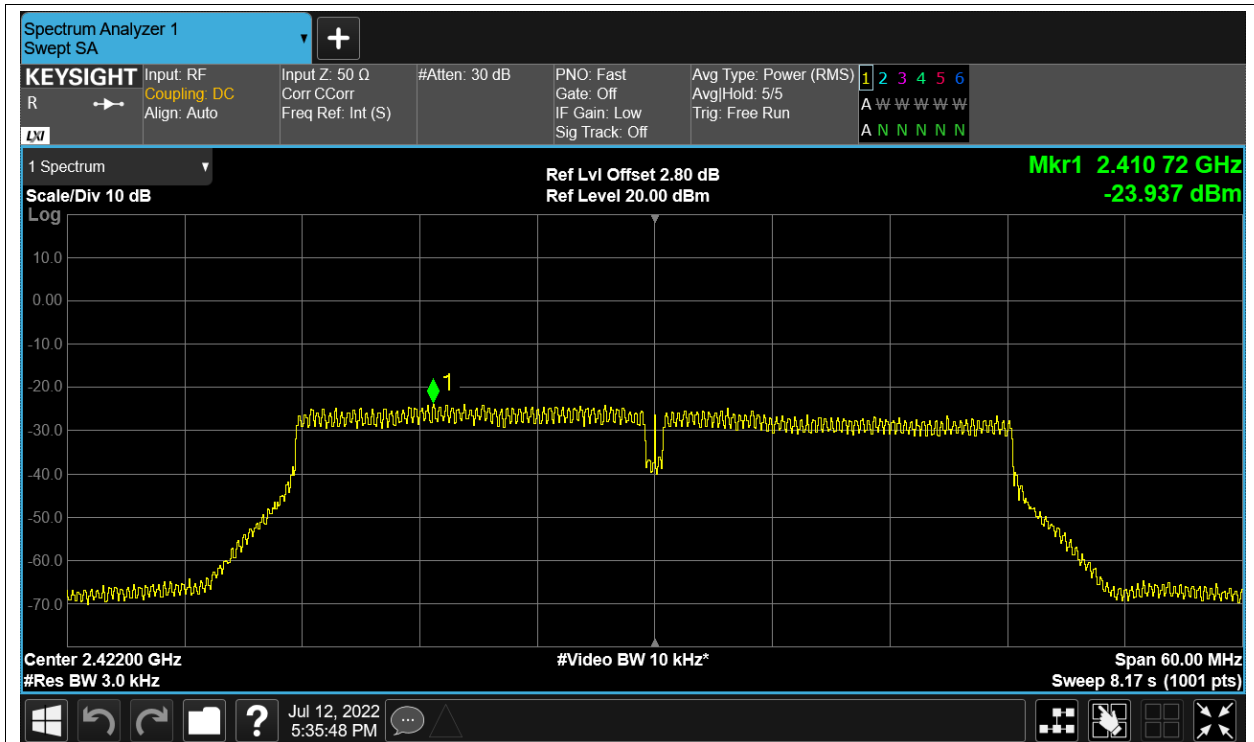
PSD NVNT n20 2462MHz Ant1



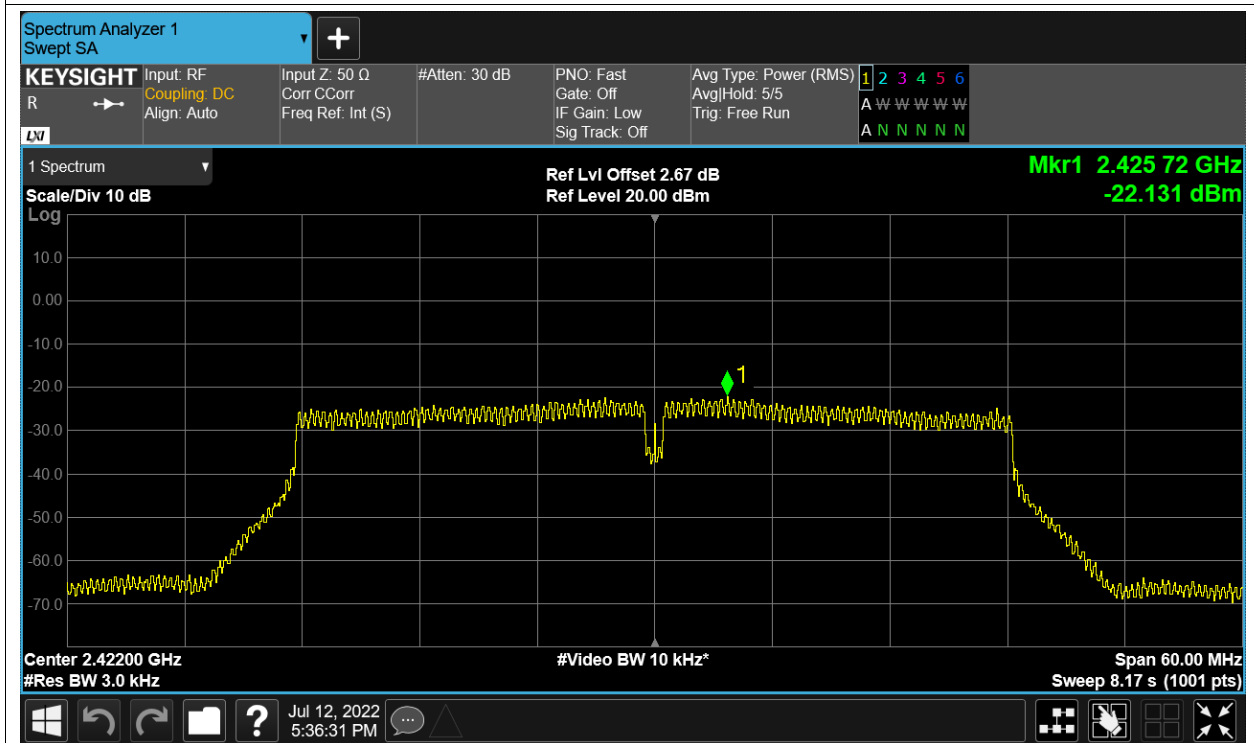
PSD NVNT n20 2462MHz Ant2



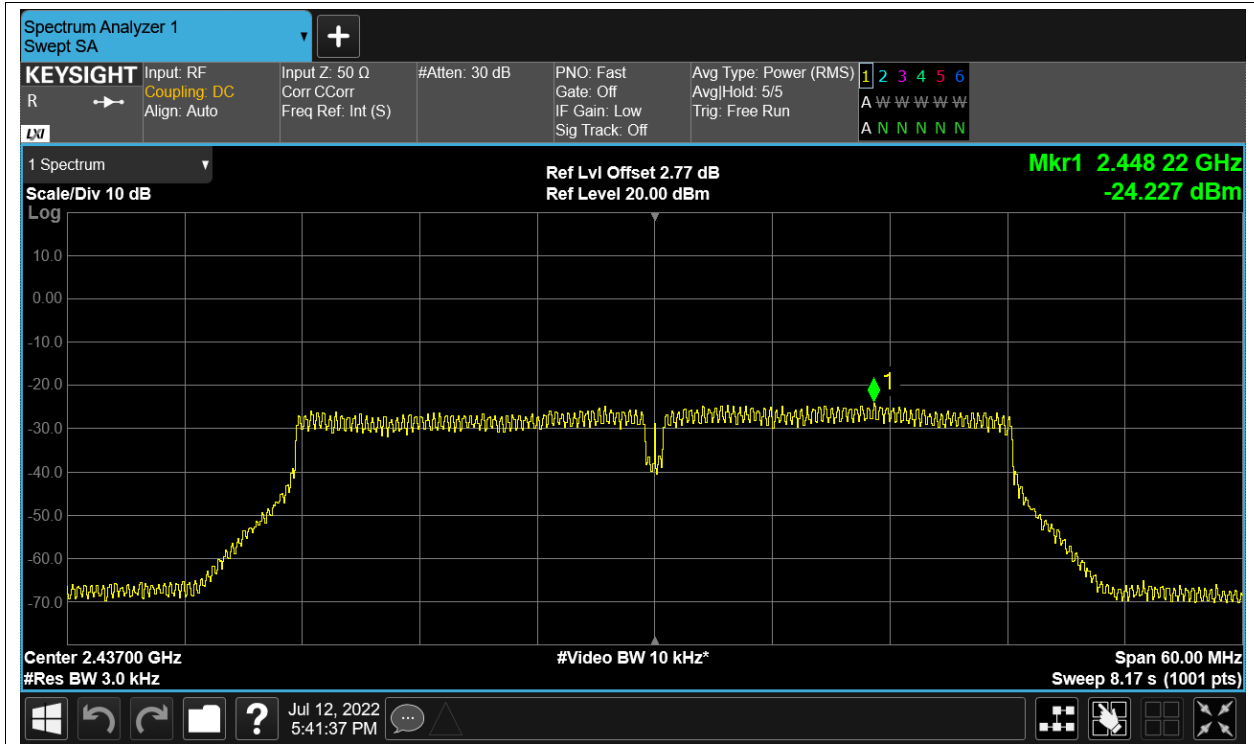
PSD NVNT n40 2422MHz Ant1



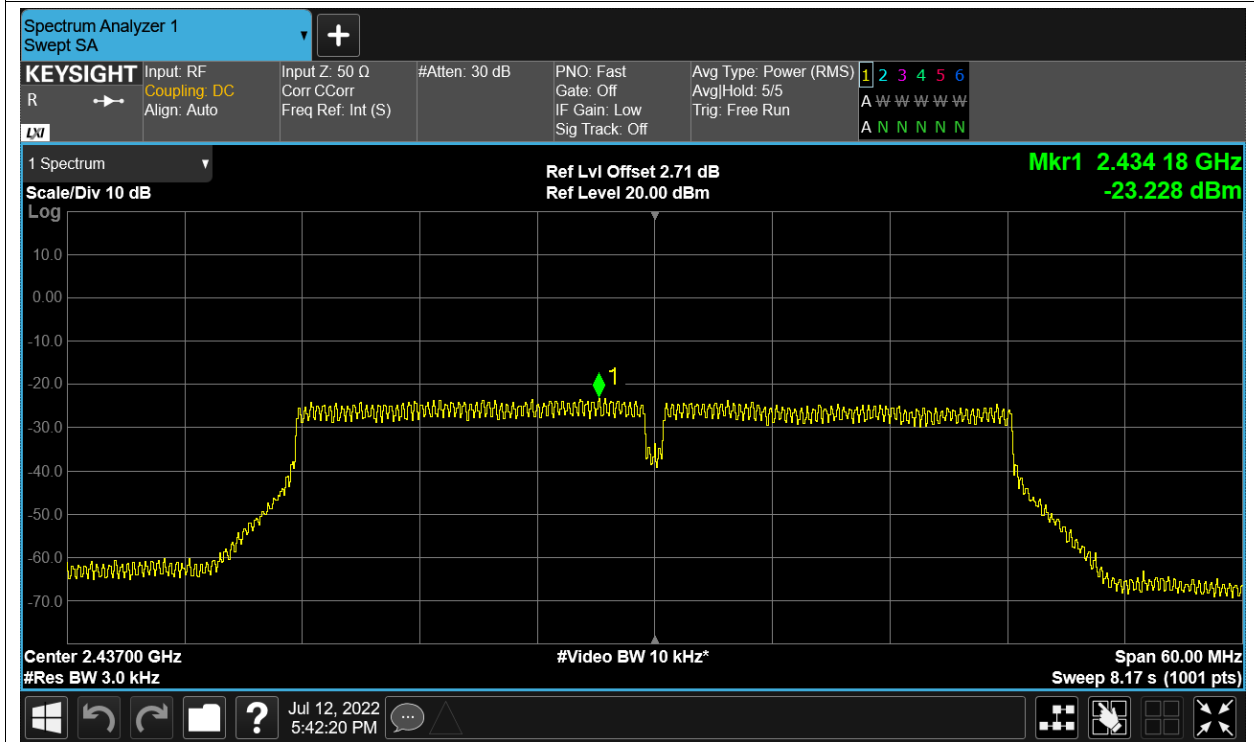
PSD NVNT n40 2422MHz Ant2



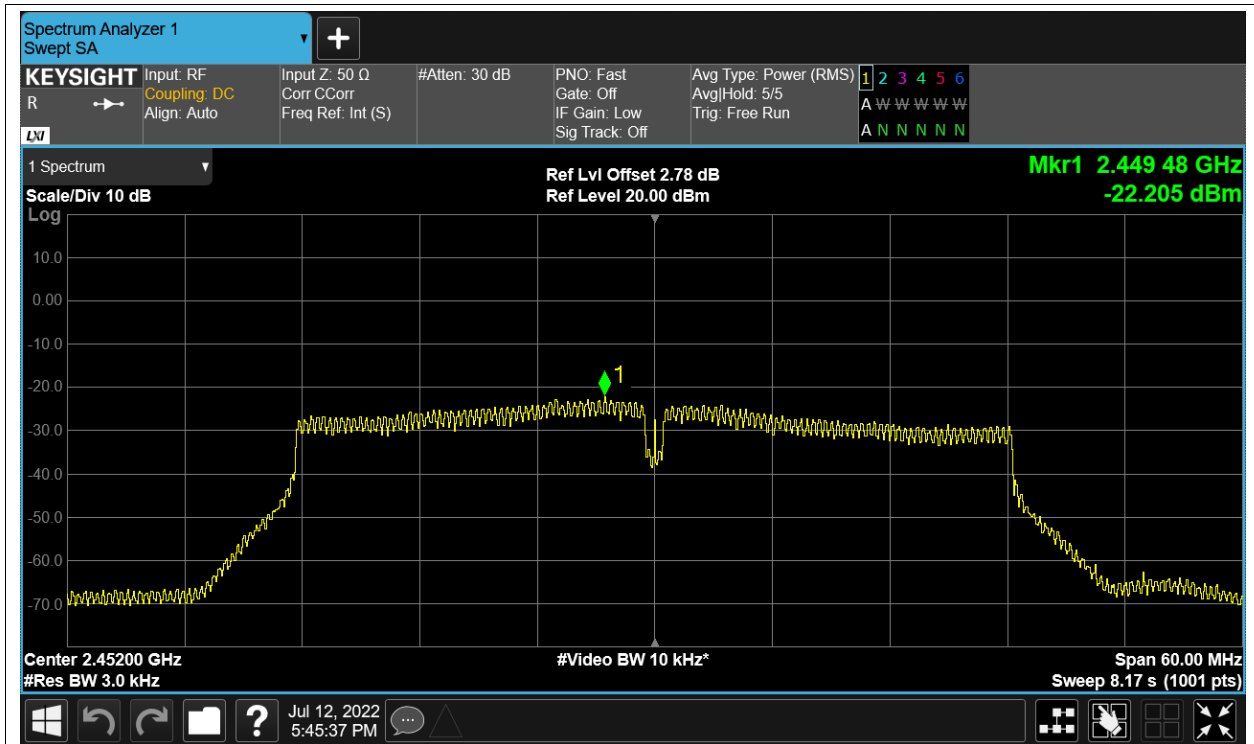
PSD NVNT n40 2437MHz Ant1



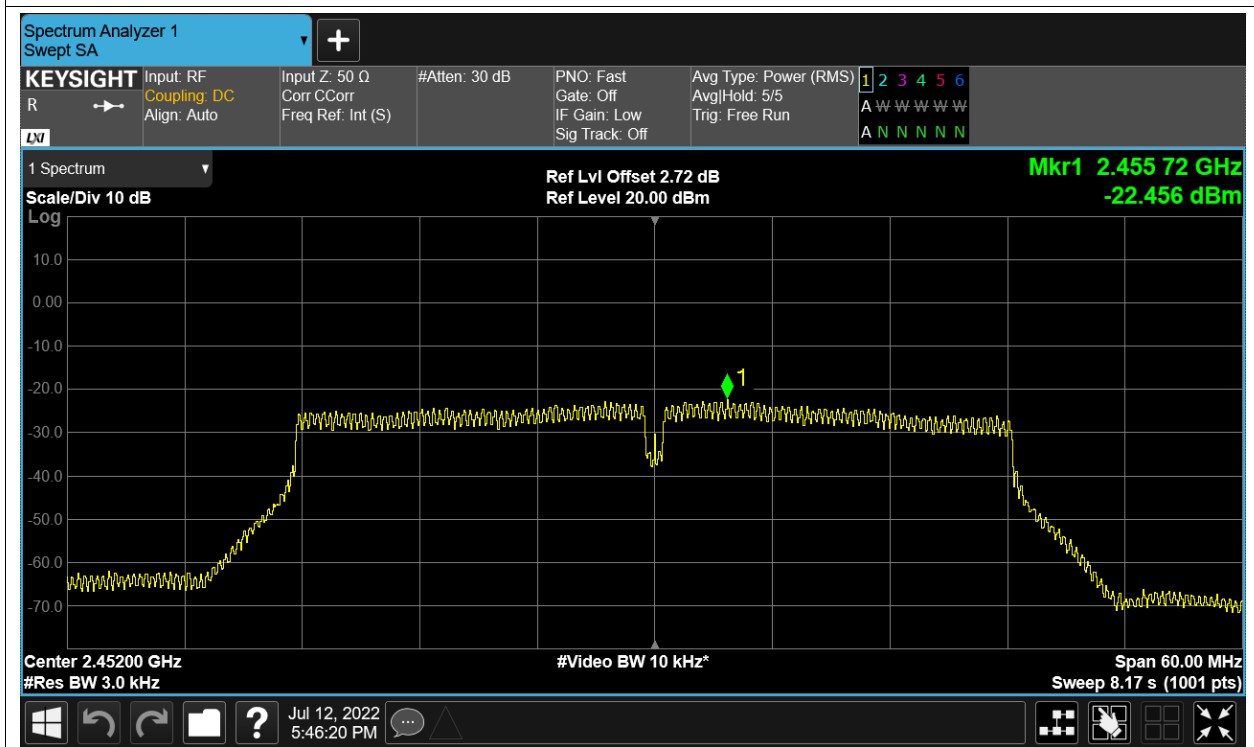
PSD NVNT n40 2437MHz Ant2



PSD NVNT n40 2452MHz Ant1



PSD NVNT n40 2452MHz Ant2

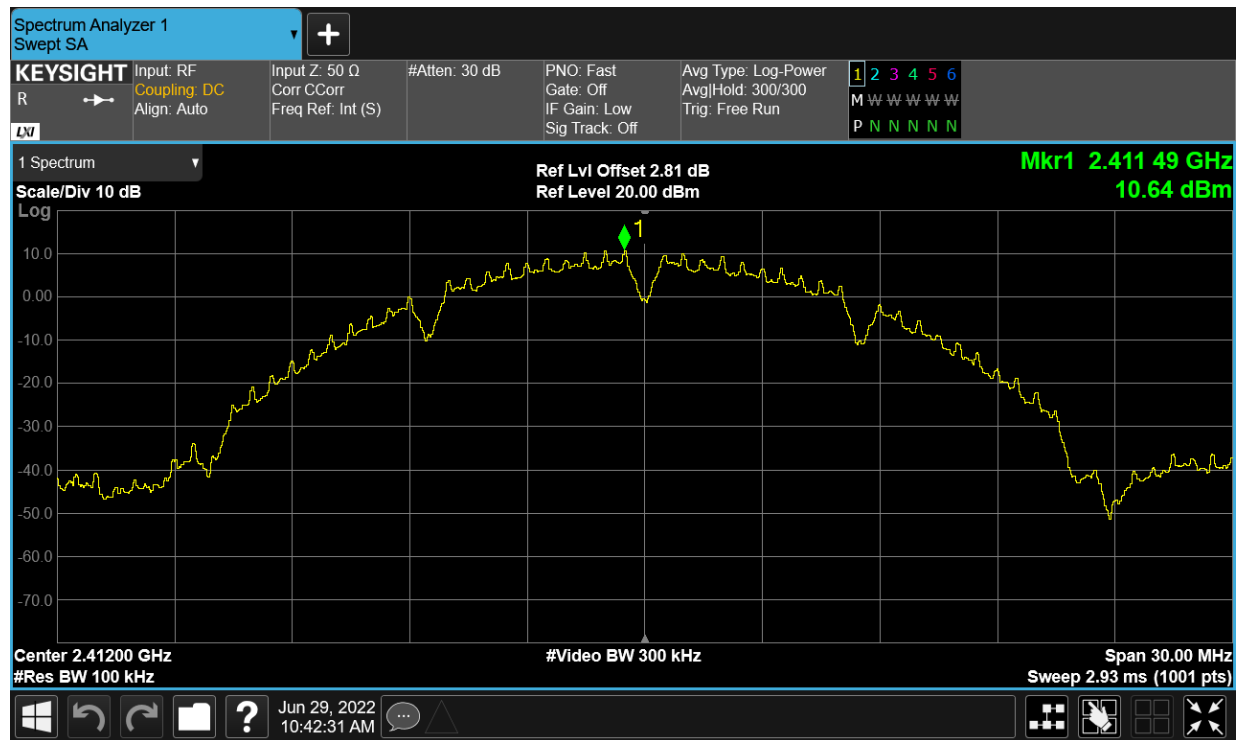


Band Edge

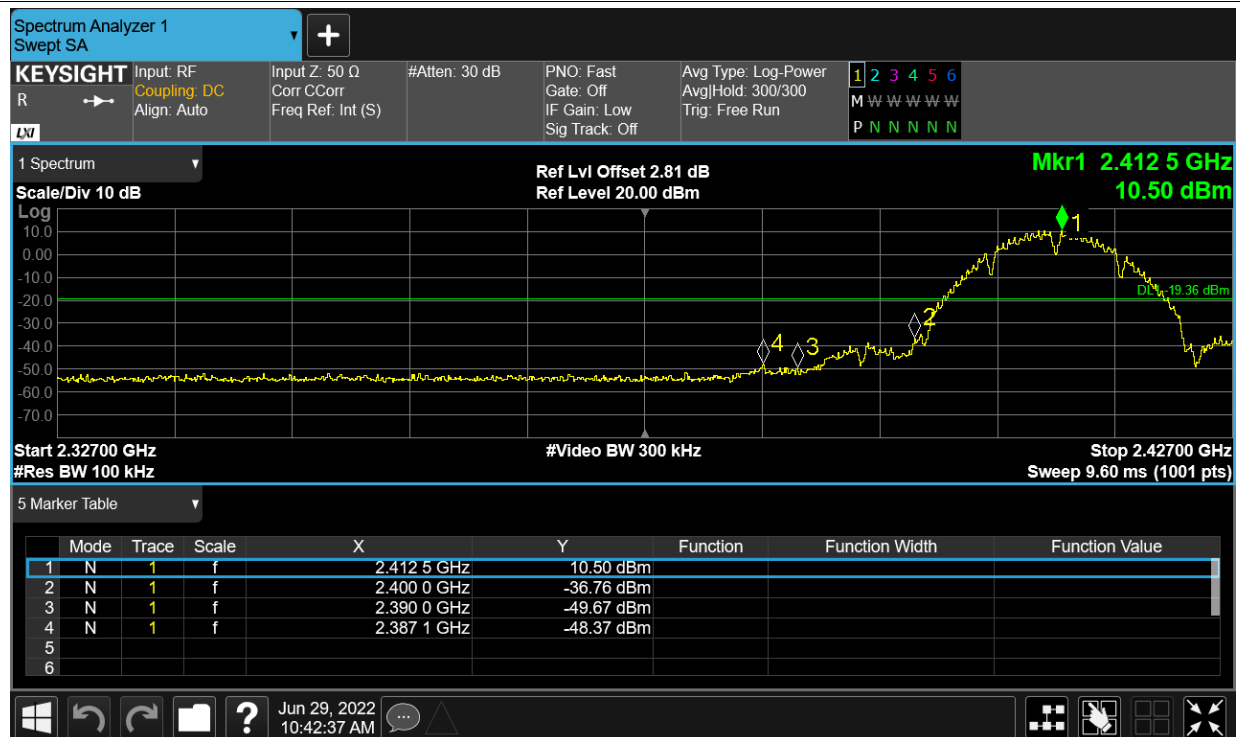
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-59	-30	Pass
NVNT	b	2462	Ant1	-58.31	-30	Pass
NVNT	b	2412	Ant2	-59.49	-30	Pass
NVNT	b	2462	Ant2	-61.1	-30	Pass
NVNT	g	2412	Ant1	-30.46	-30	Pass
NVNT	g	2462	Ant1	-51.93	-30	Pass
NVNT	g	2412	Ant2	-30.12	-30	Pass
NVNT	g	2462	Ant2	-54.47	-30	Pass
NVNT	n20	2412	Ant1	-30.09	-30	Pass
NVNT	n20	2412	Ant2	-27.33	-30	Fail
NVNT	n20	2462	Ant1	-48.94	-30	Pass
NVNT	n20	2462	Ant2	-50.53	-30	Pass
NVNT	n40	2422	Ant1	-35.3	-30	Pass
NVNT	n40	2422	Ant2	-36.78	-30	Pass
NVNT	n40	2452	Ant1	-43.45	-30	Pass
NVNT	n40	2452	Ant2	-44.68	-30	Pass

Test Graphs

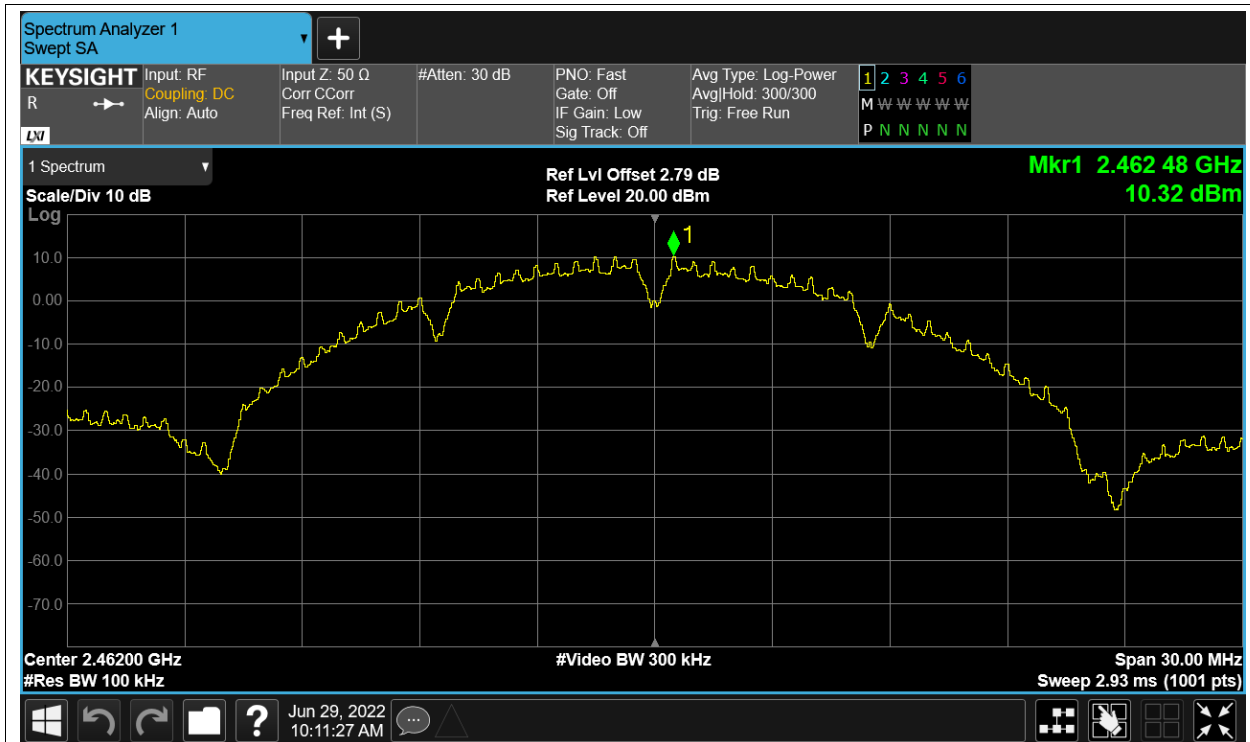
Band Edge NVNT b 2412MHz Ant1 Ref



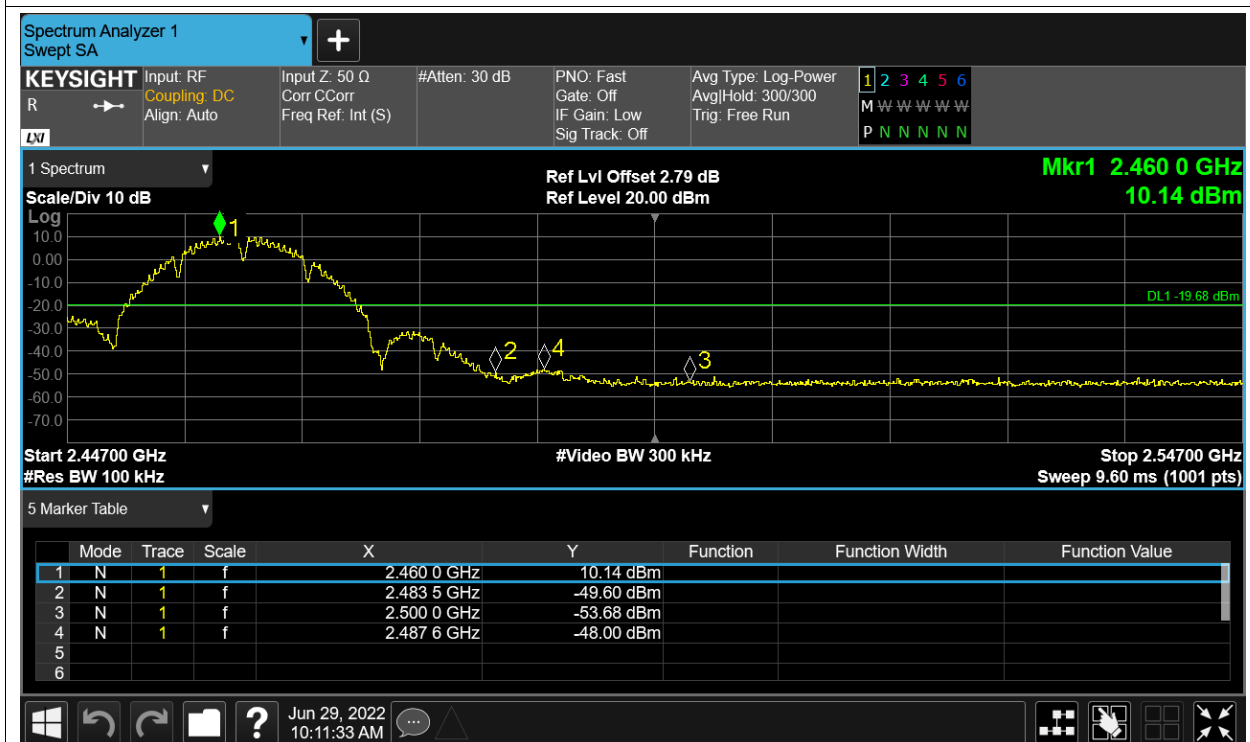
Band Edge NVNT b 2412MHz Ant1 Emission



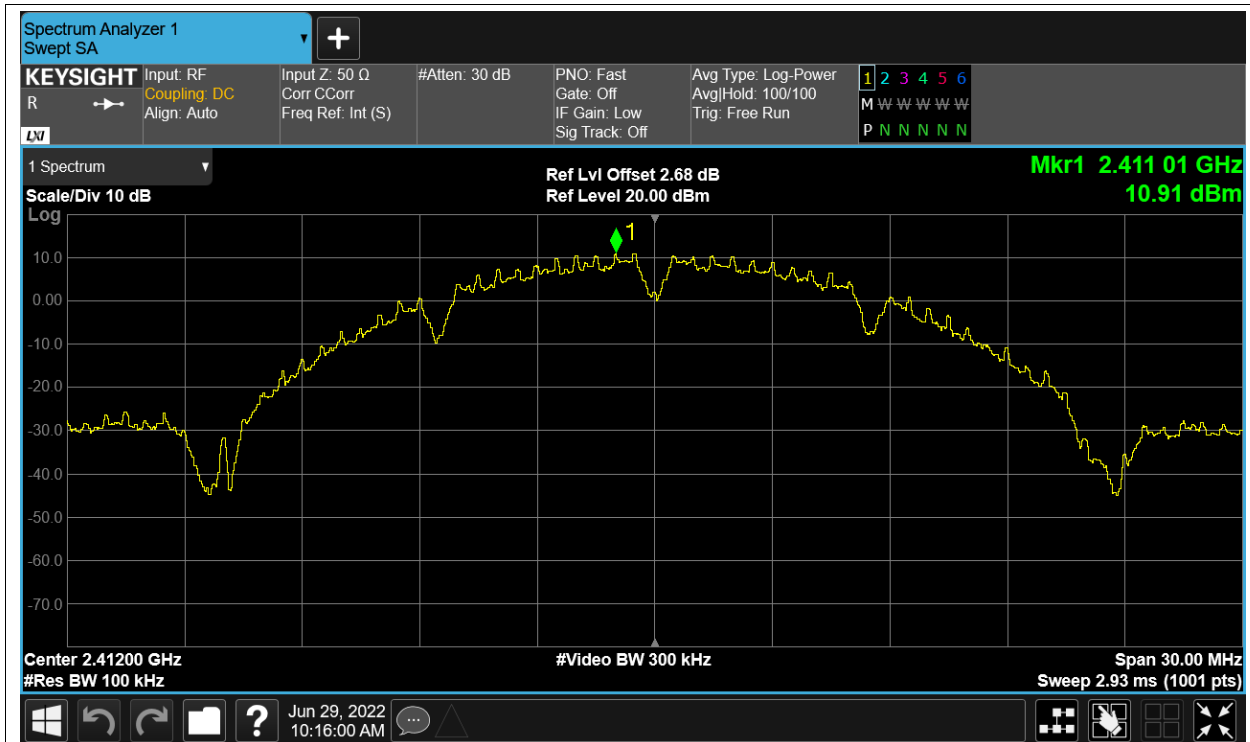
Band Edge NVNT b 2462MHz Ant1 Ref



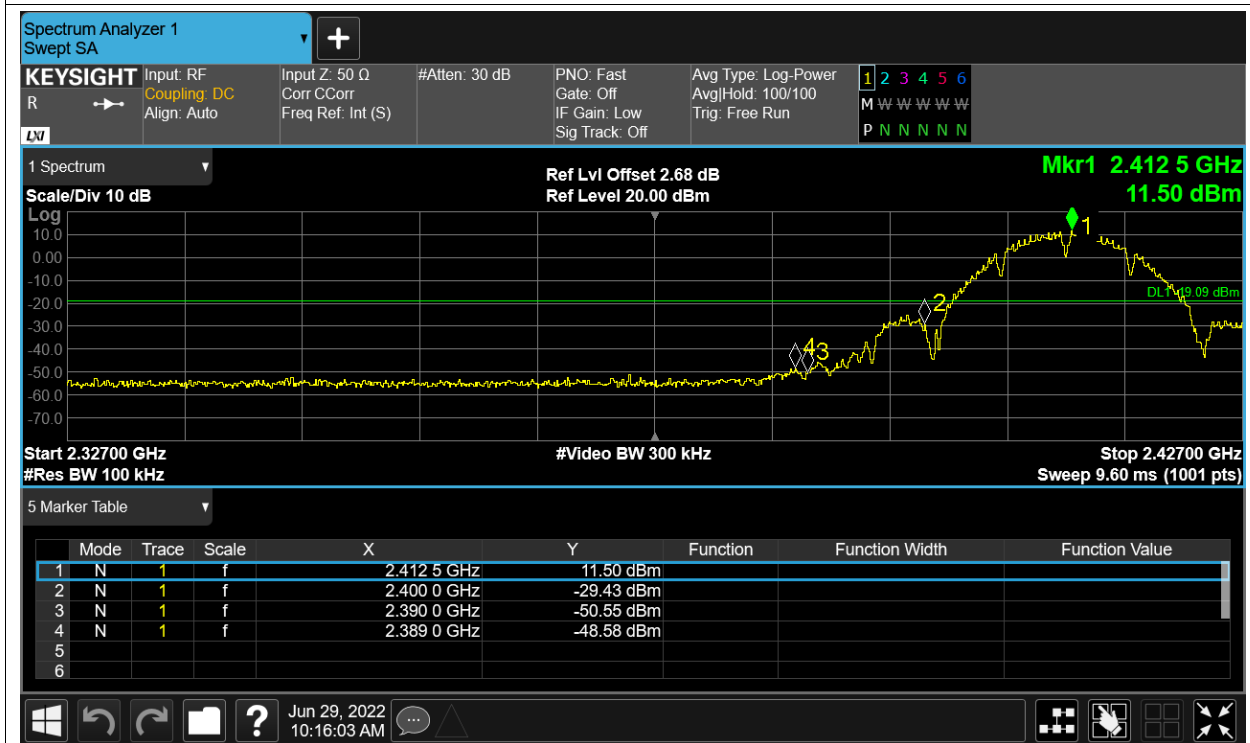
Band Edge NVNT b 2462MHz Ant1 Emission



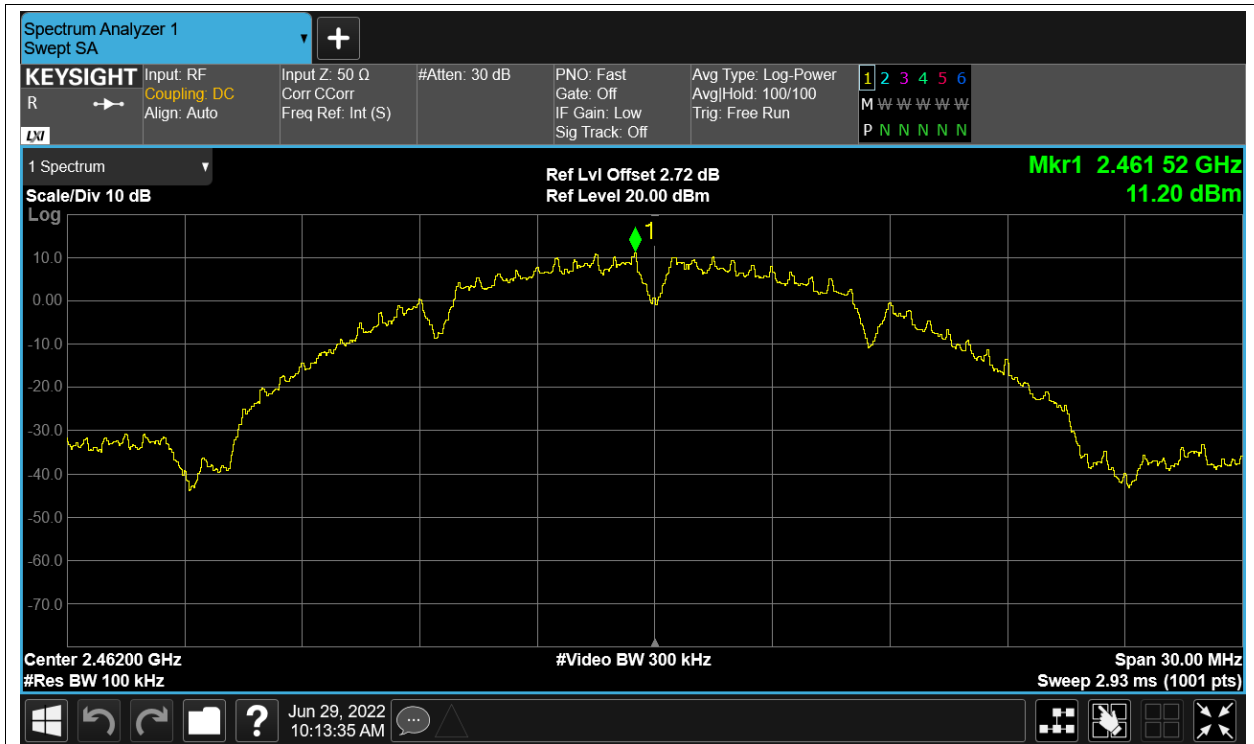
Band Edge NVNT b 2412MHz Ant2 Ref



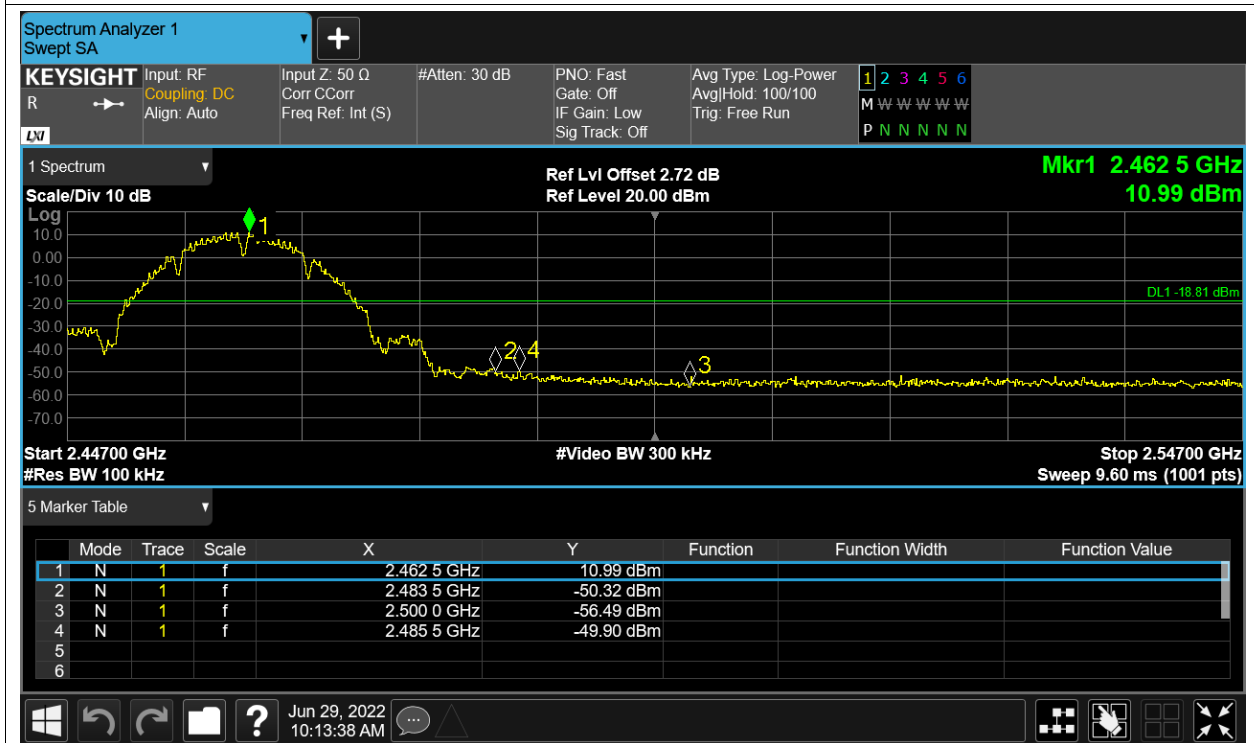
Band Edge NVNT b 2412MHz Ant2 Emission



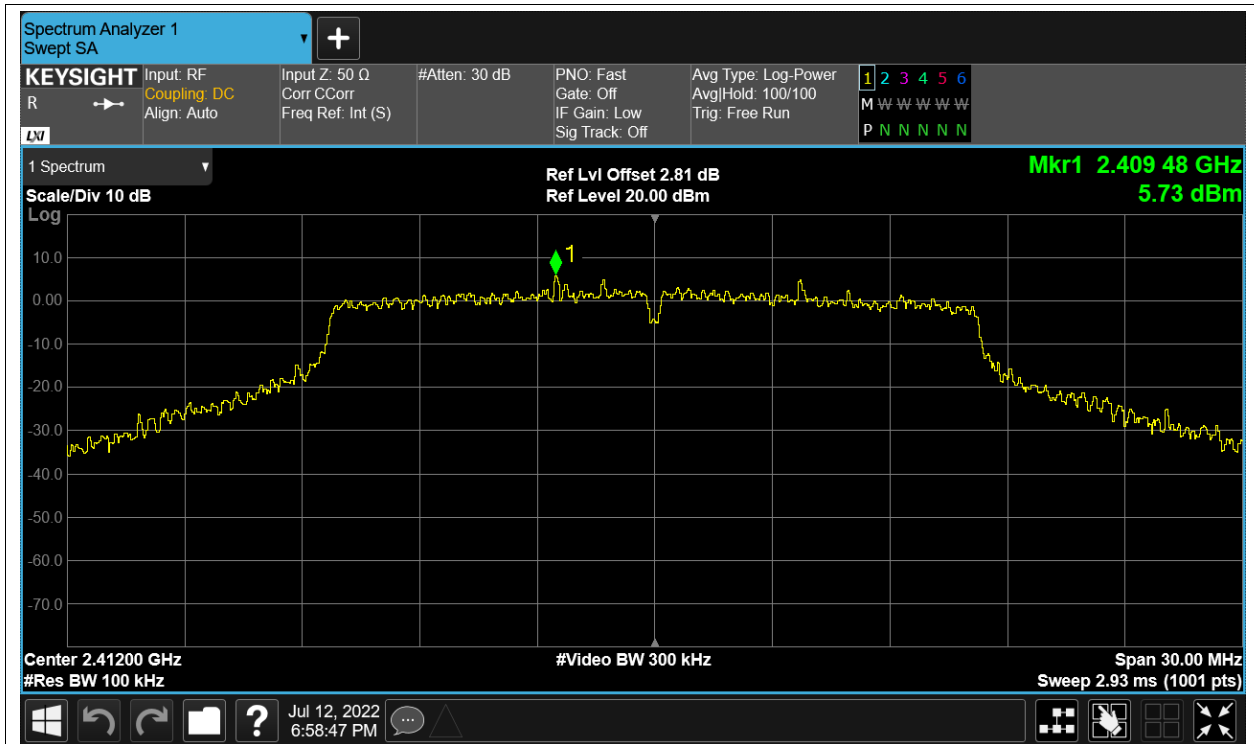
Band Edge NVNT b 2462MHz Ant2 Ref



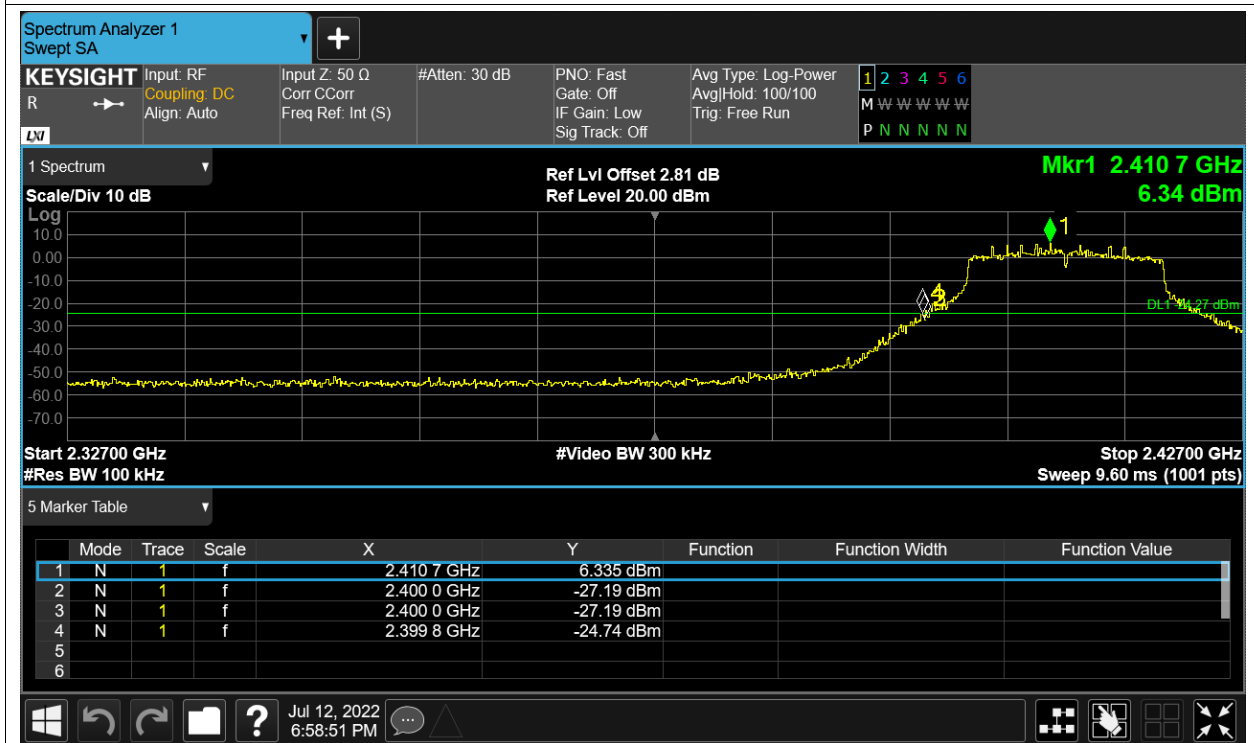
Band Edge NVNT b 2462MHz Ant2 Emission



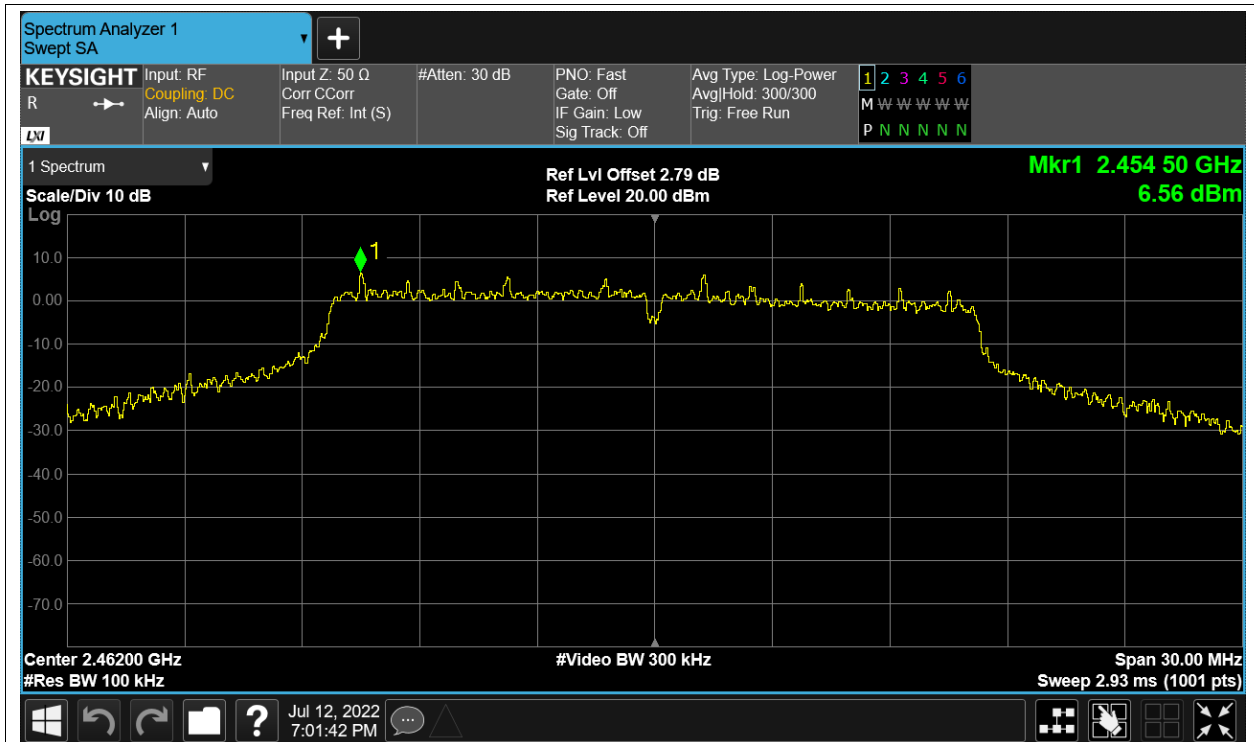
Band Edge NVNT g 2412MHz Ant1 Ref



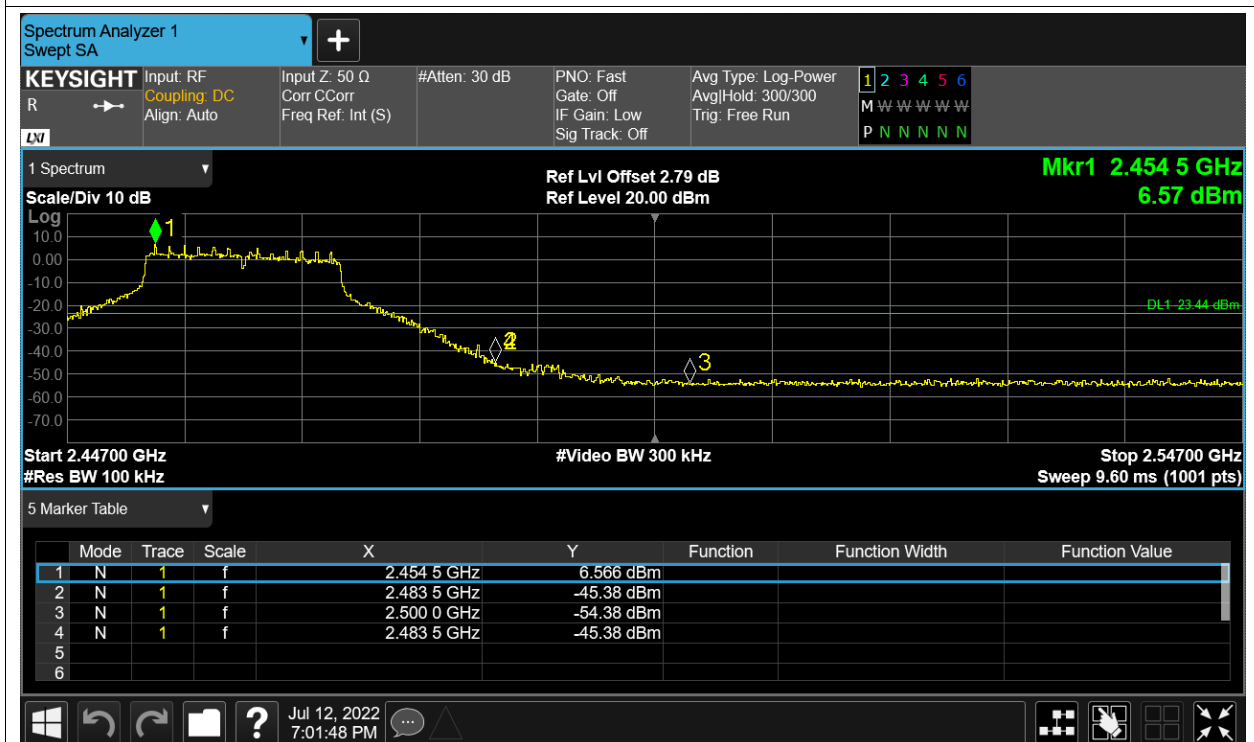
Band Edge NVNT g 2412MHz Ant1 Emission



Band Edge NVNT g 2462MHz Ant1 Ref



Band Edge NVNT g 2462MHz Ant1 Emission



Band Edge NVNT g 2412MHz Ant2 Ref