

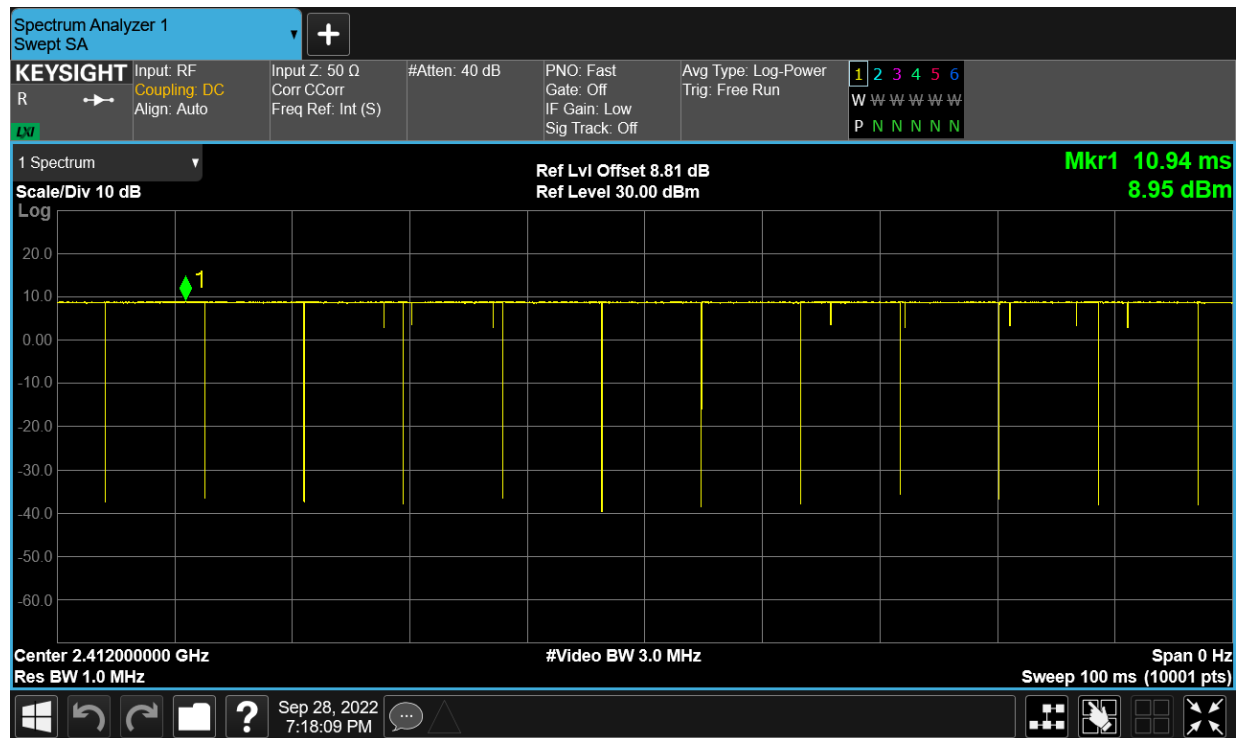
Test Data

Duty Cycle

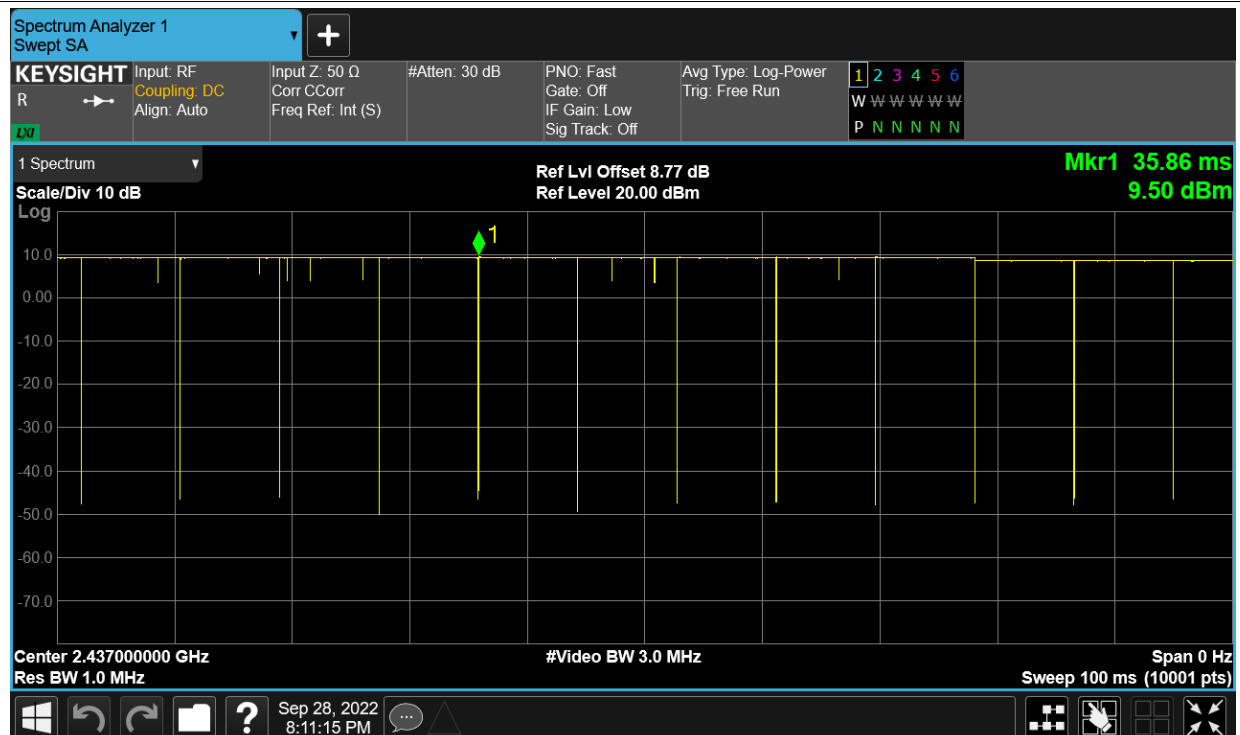
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	b	2412	Ant1	100	0
NVNT	b	2437	Ant1	99.76	0.01
NVNT	b	2462	Ant1	100	0
NVNT	b	2412	Ant2	99.78	0.01
NVNT	b	2437	Ant2	99.78	0.01
NVNT	b	2462	Ant2	99.76	0.01
NVNT	g	2412	Ant1	87.28	0.59
NVNT	g	2437	Ant1	87.05	0.6
NVNT	g	2462	Ant1	87.15	0.6
NVNT	g	2412	Ant2	87	0.6
NVNT	g	2437	Ant2	87.04	0.6
NVNT	g	2462	Ant2	87.06	0.6
NVNT	n20	2412	Sum	86.28	0.64
NVNT	n20	2437	Sum	86.31	0.64
NVNT	n20	2462	Sum	86.25	0.64
NVNT	n40	2422	Sum	96.02	0.18
NVNT	n40	2437	Sum	95.95	0.18
NVNT	n40	2452	Sum	95.91	0.18

Test Graphs

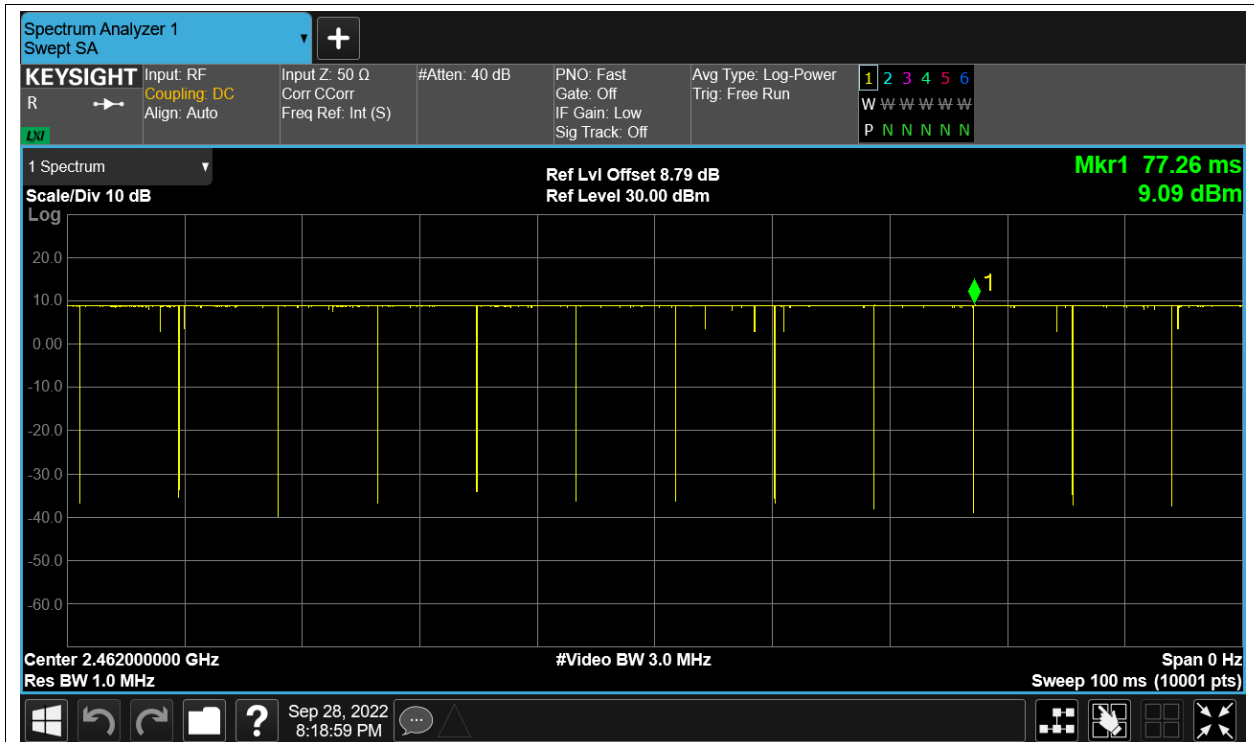
Duty Cycle NVNT b 2412MHz Ant1



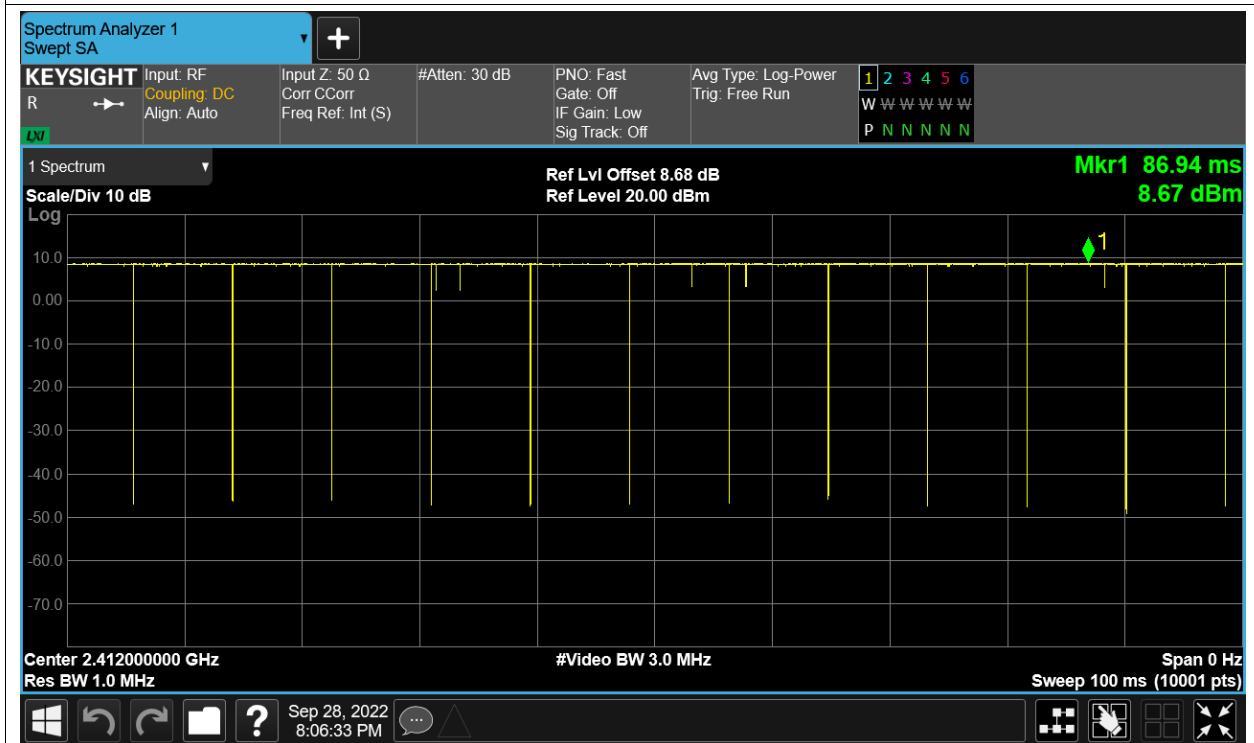
Duty Cycle NVNT b 2437MHz Ant1



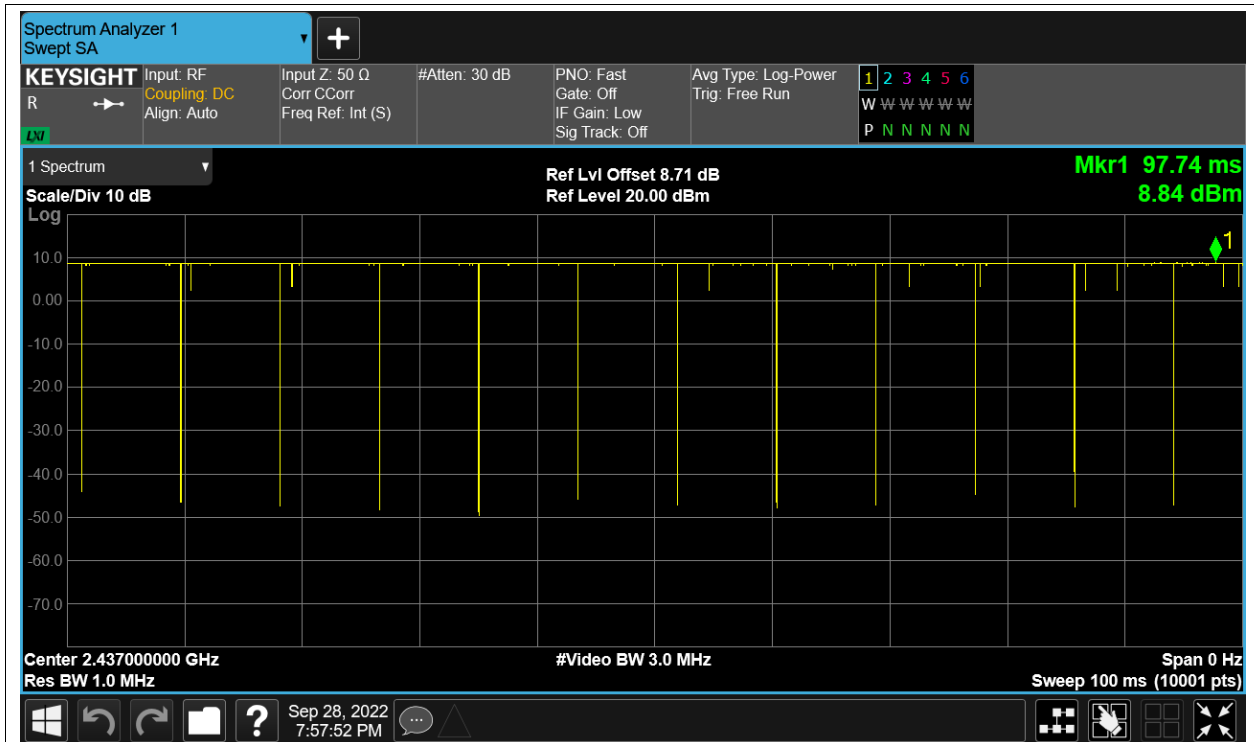
Duty Cycle NVNT b 2462MHz Ant1



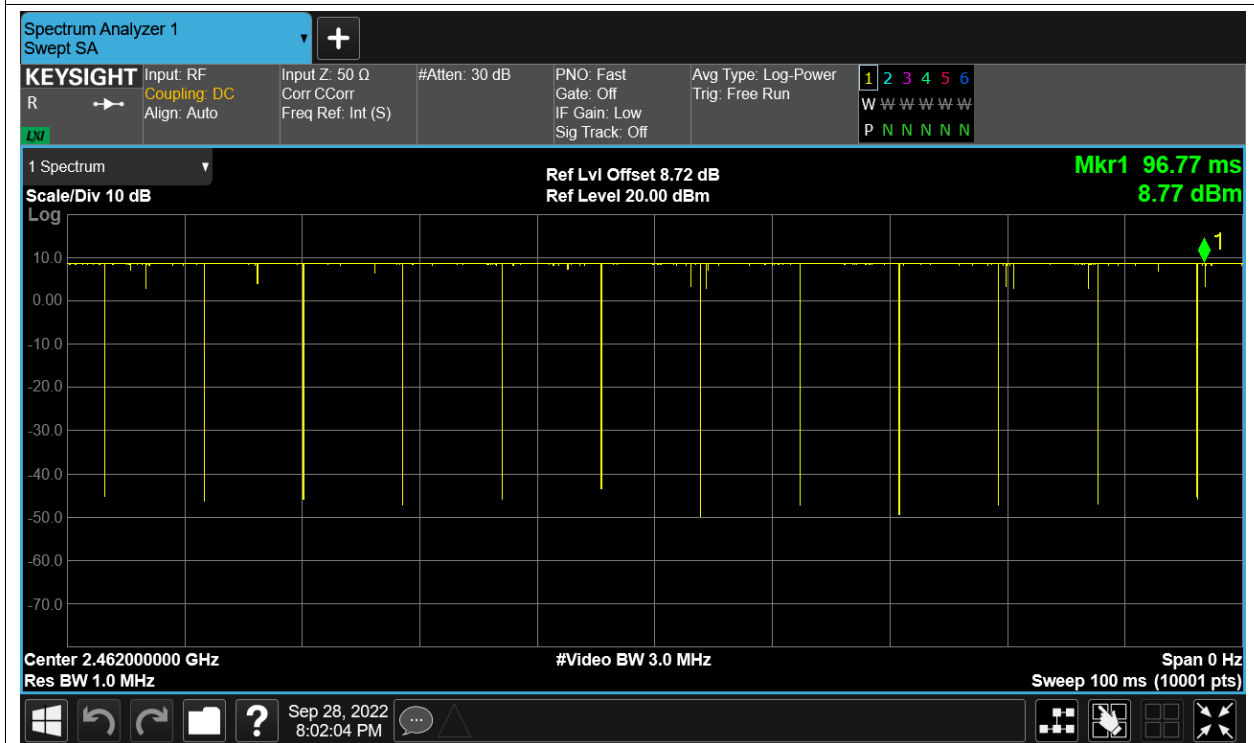
Duty Cycle NVNT b 2412MHz Ant2



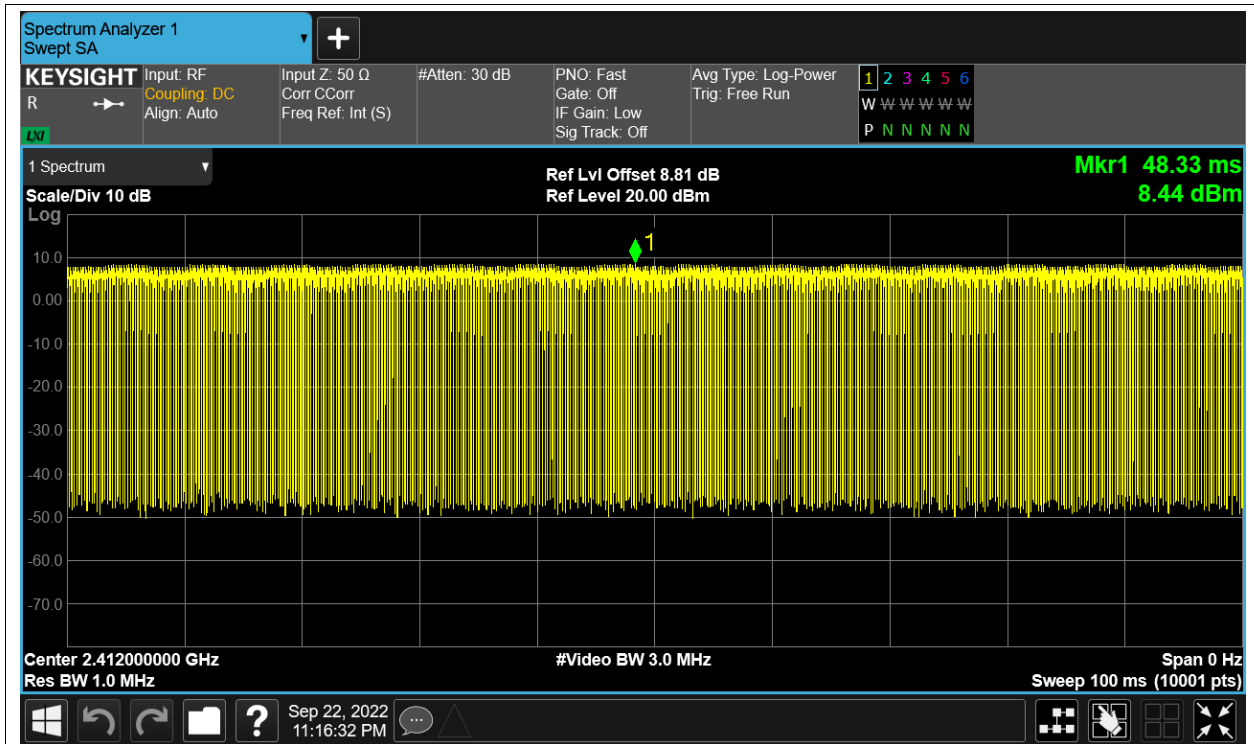
Duty Cycle NVNT b 2437MHz Ant2



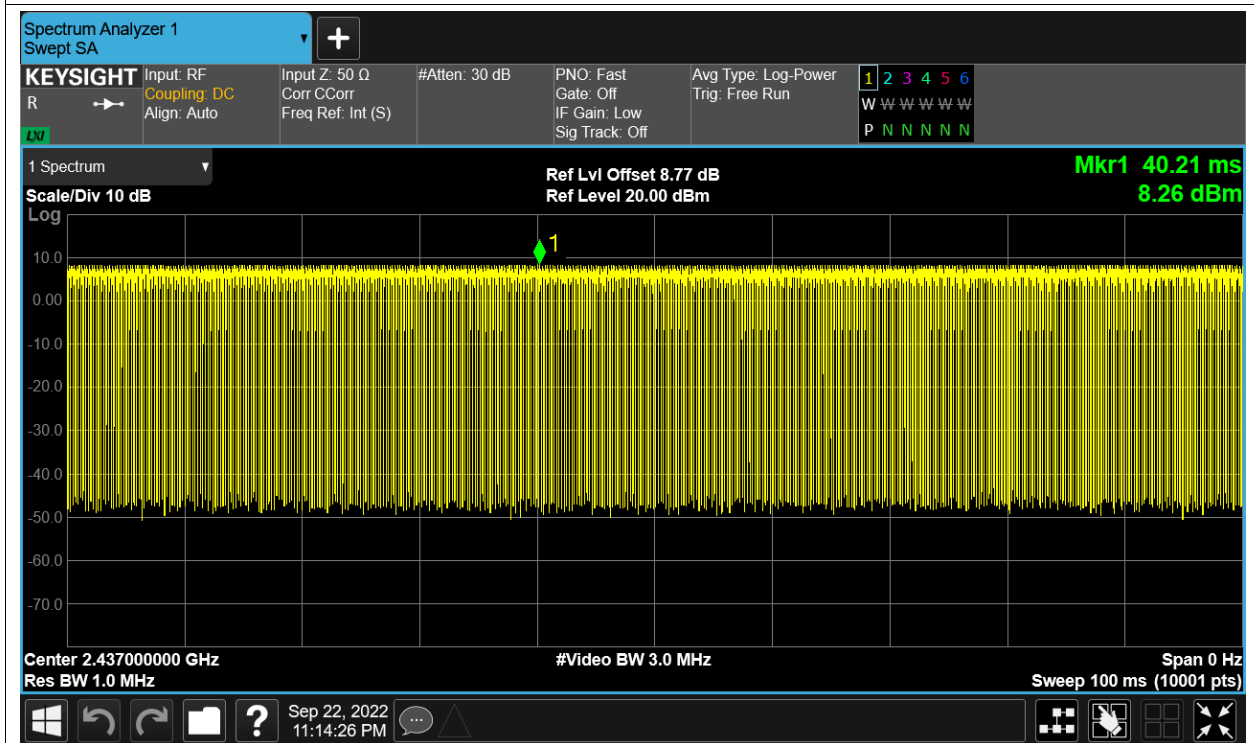
Duty Cycle NVNT b 2462MHz Ant2



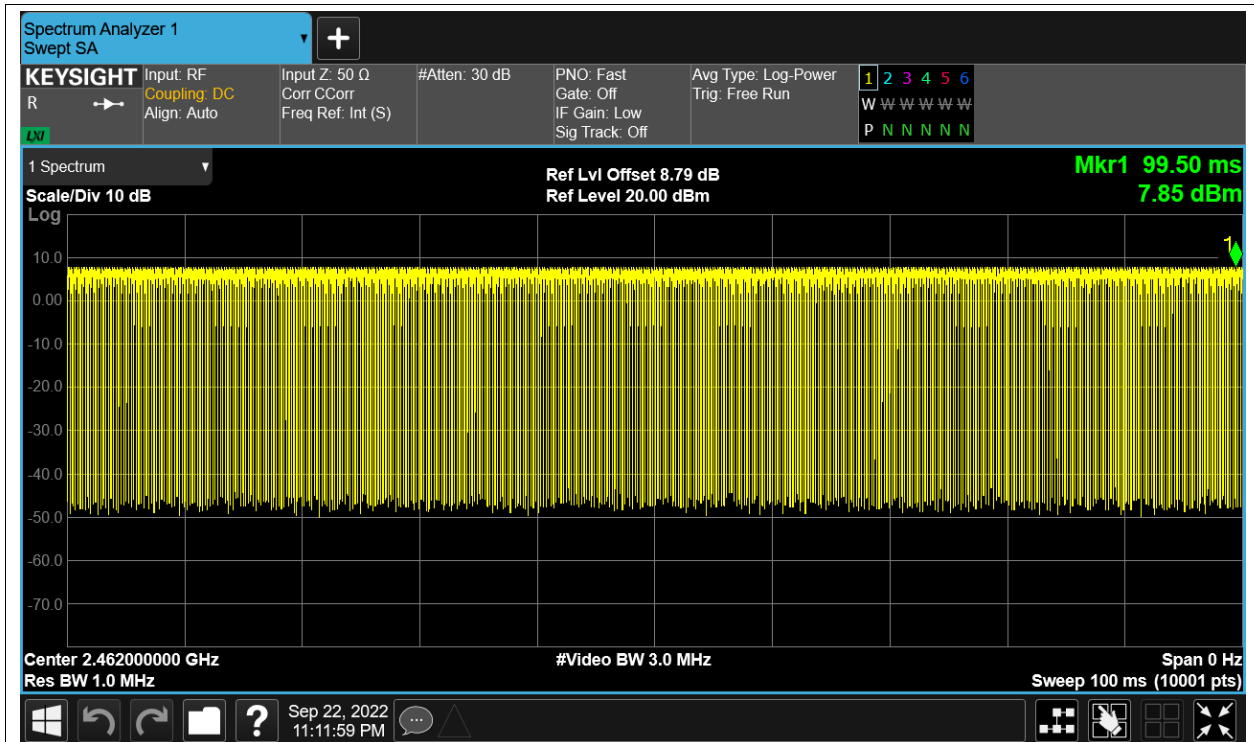
Duty Cycle NVNT g 2412MHz Ant1



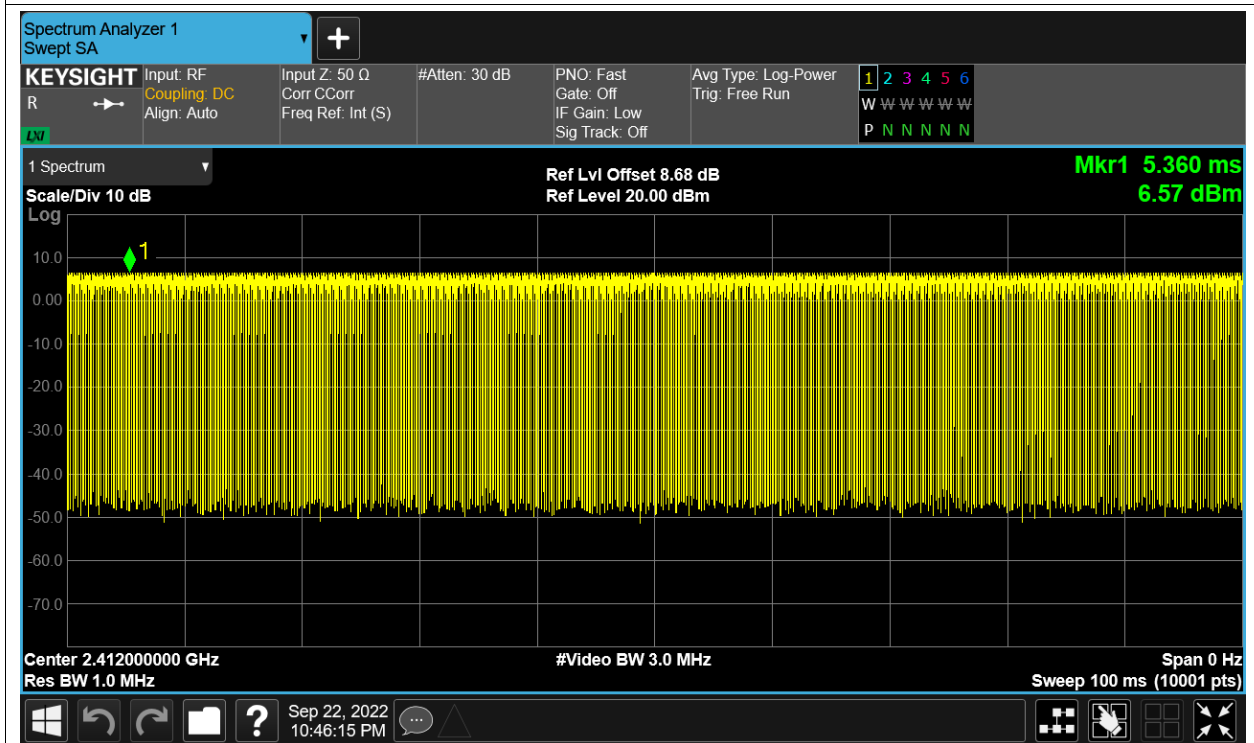
Duty Cycle NVNT g 2437MHz Ant1



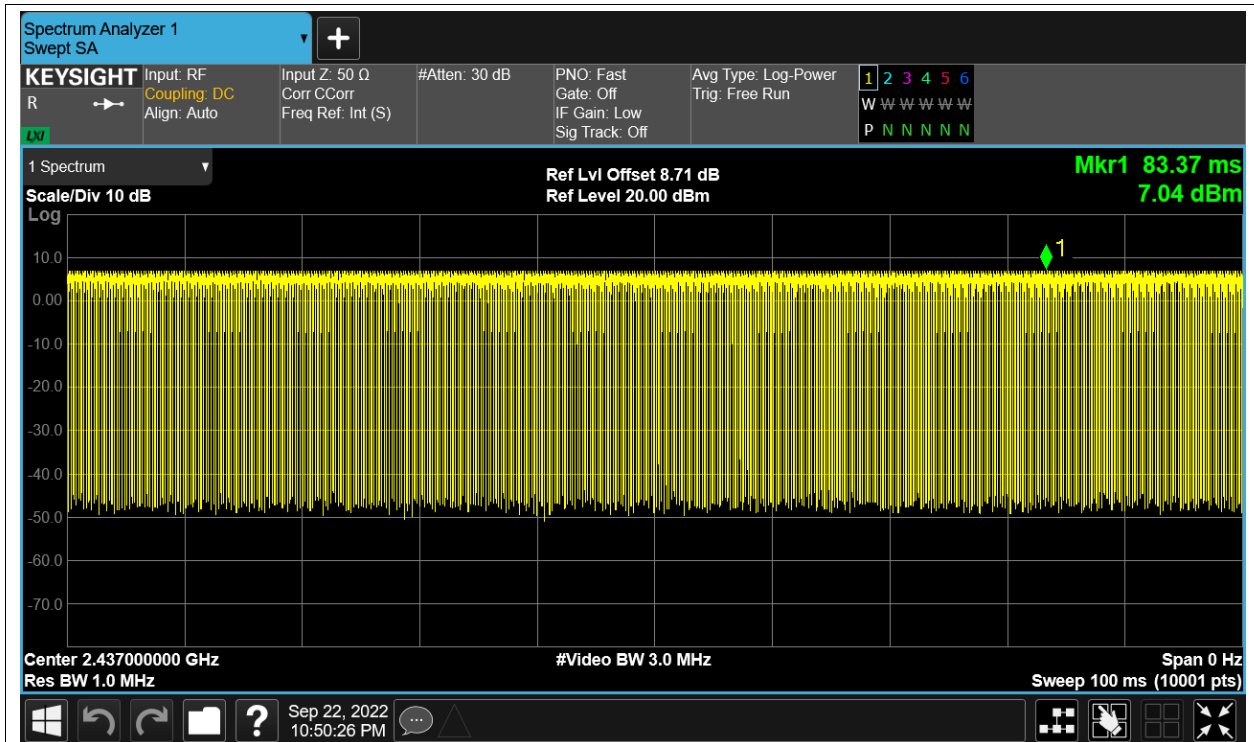
Duty Cycle NVNT g 2462MHz Ant1



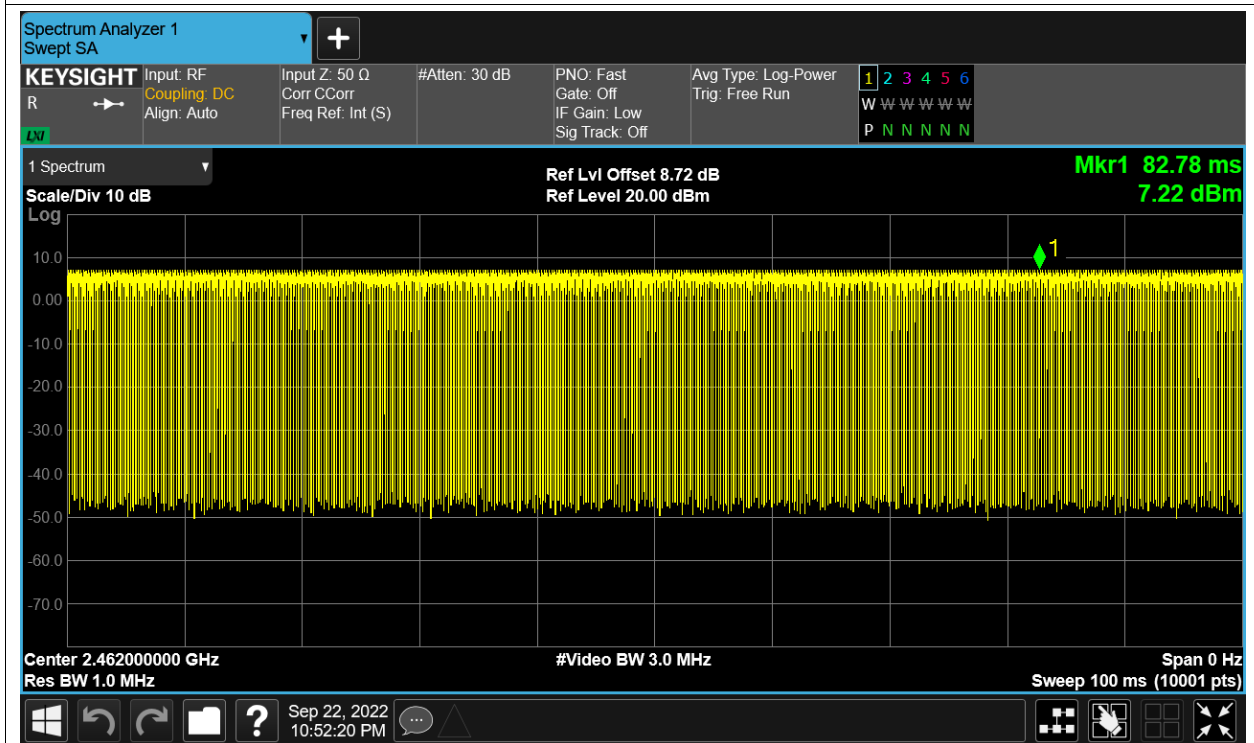
Duty Cycle NVNT g 2412MHz Ant2



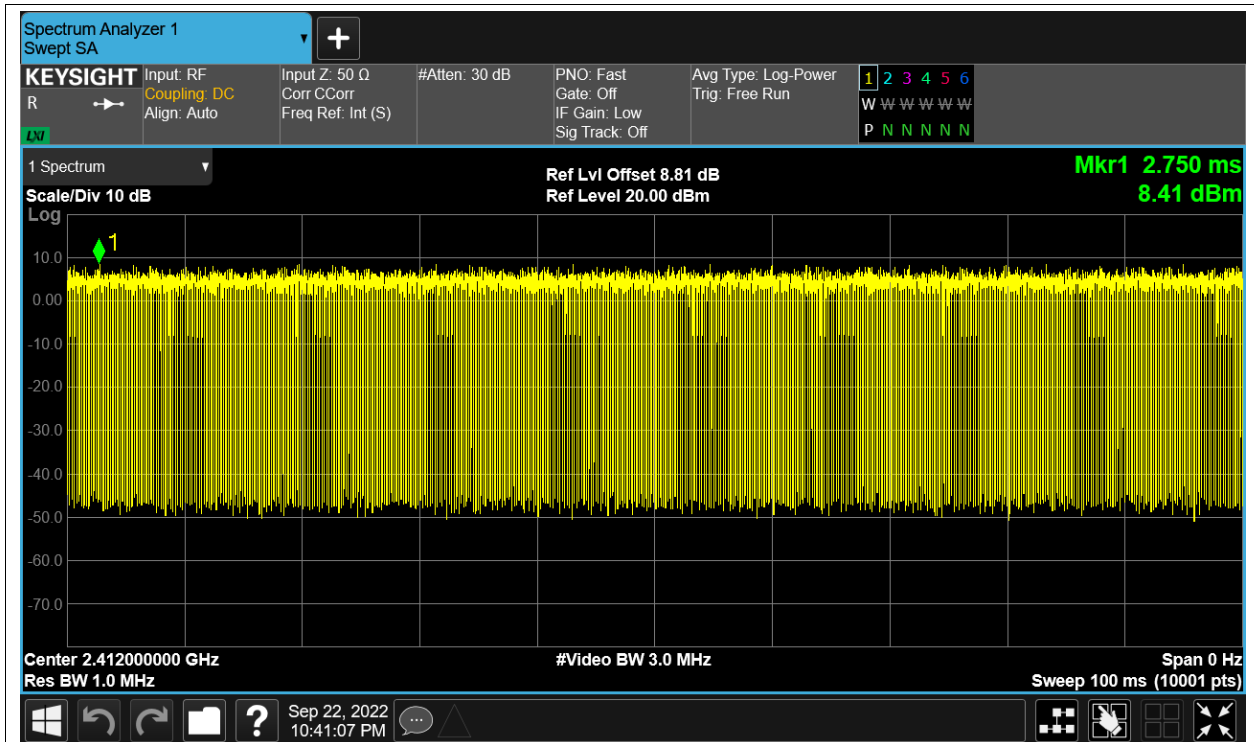
Duty Cycle NVNT g 2437MHz Ant2



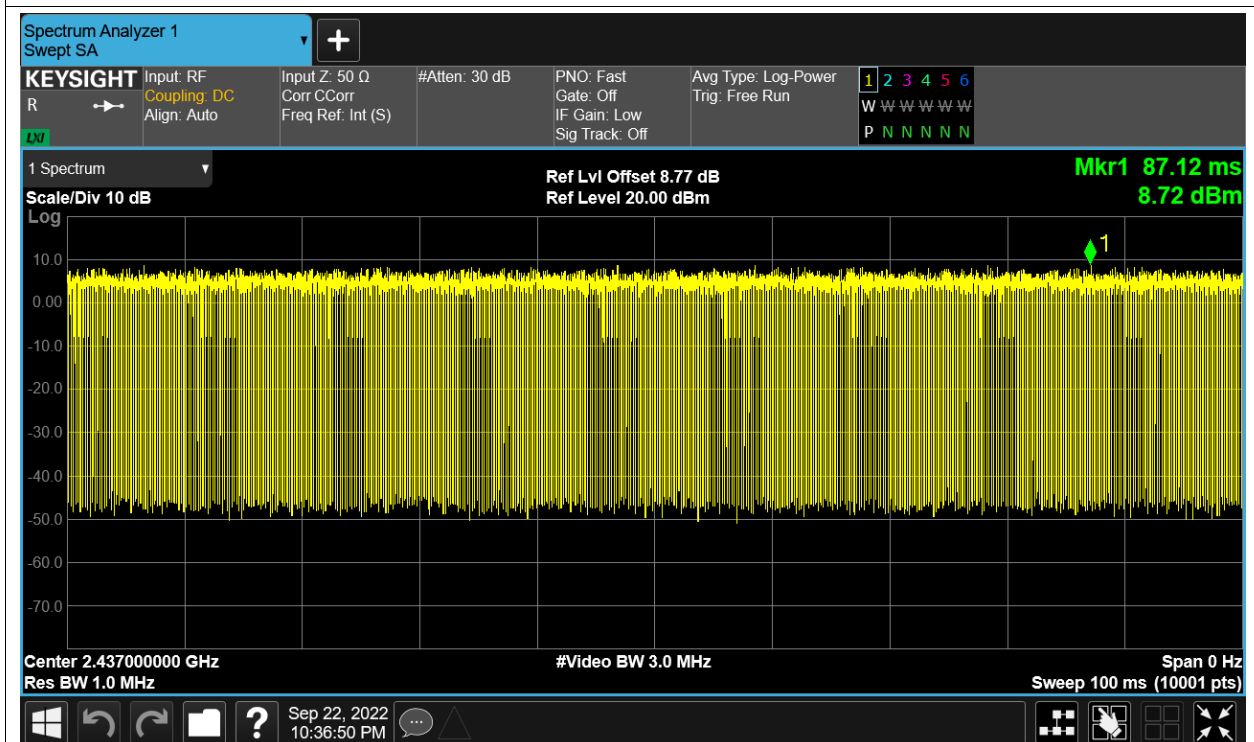
Duty Cycle NVNT g 2462MHz Ant2



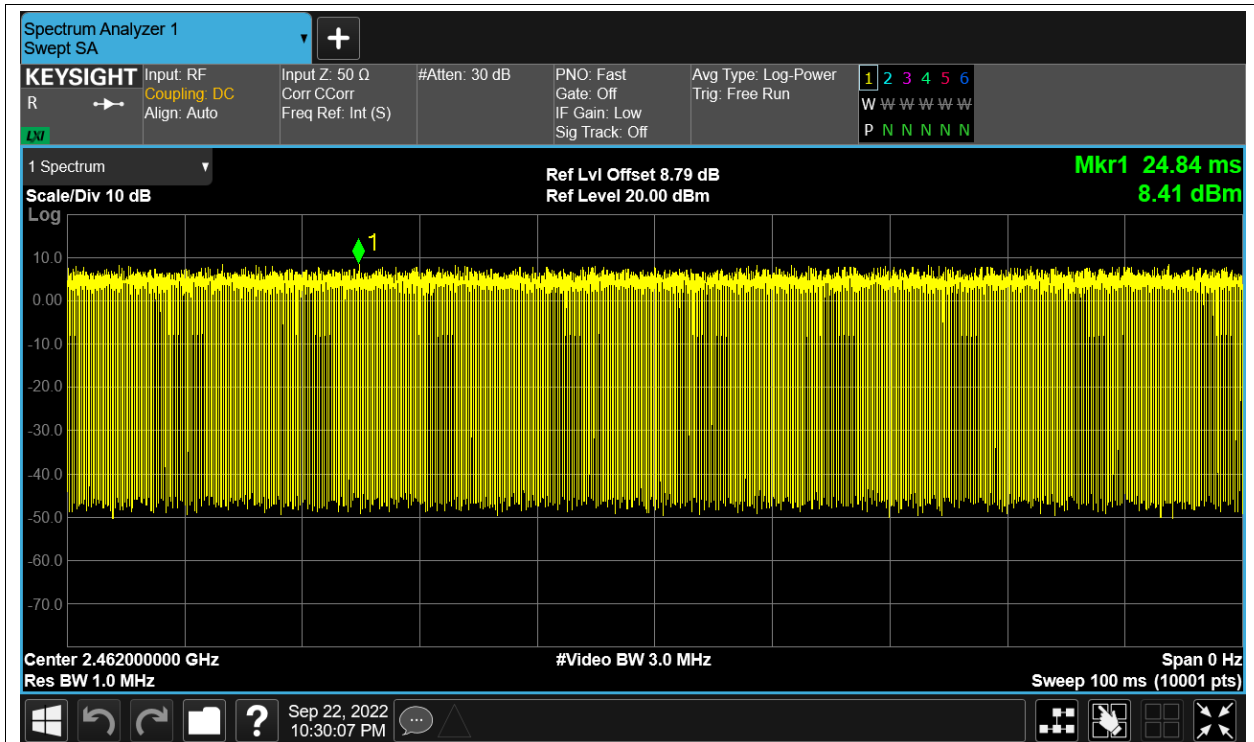
Duty Cycle NVNT n20 2412MHz Sum



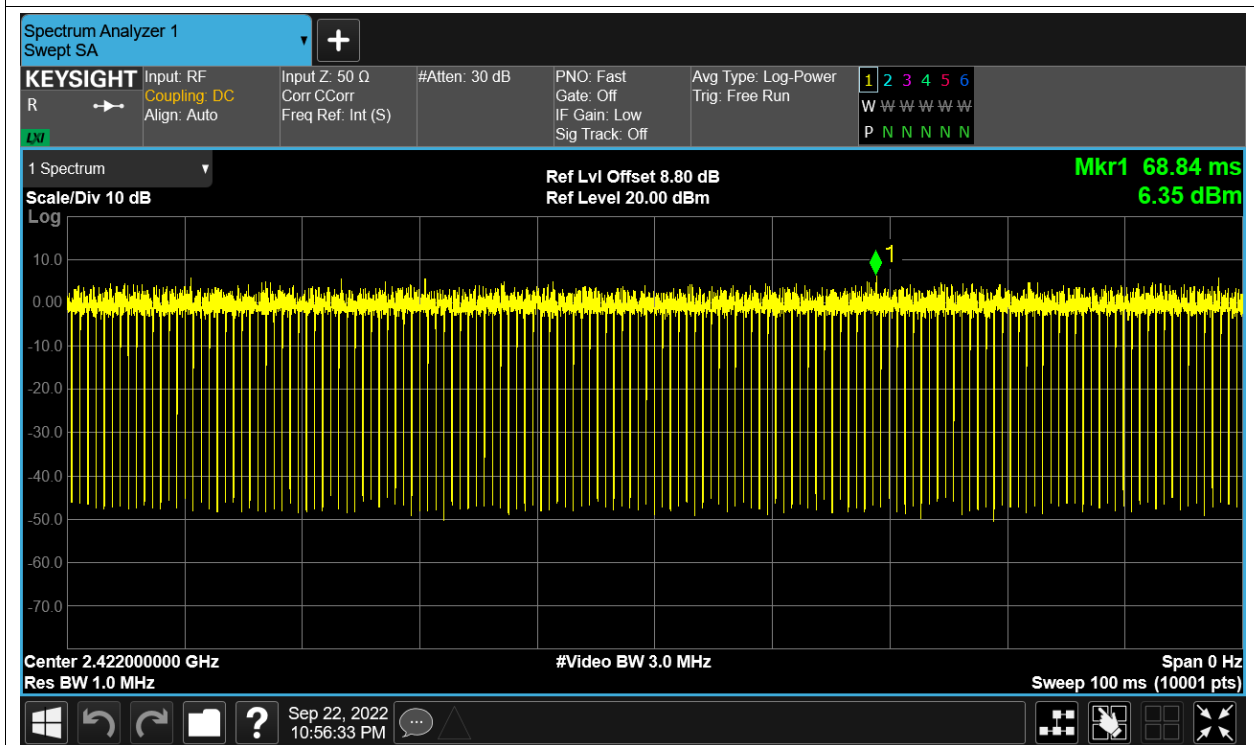
Duty Cycle NVNT n20 2437MHz Sum



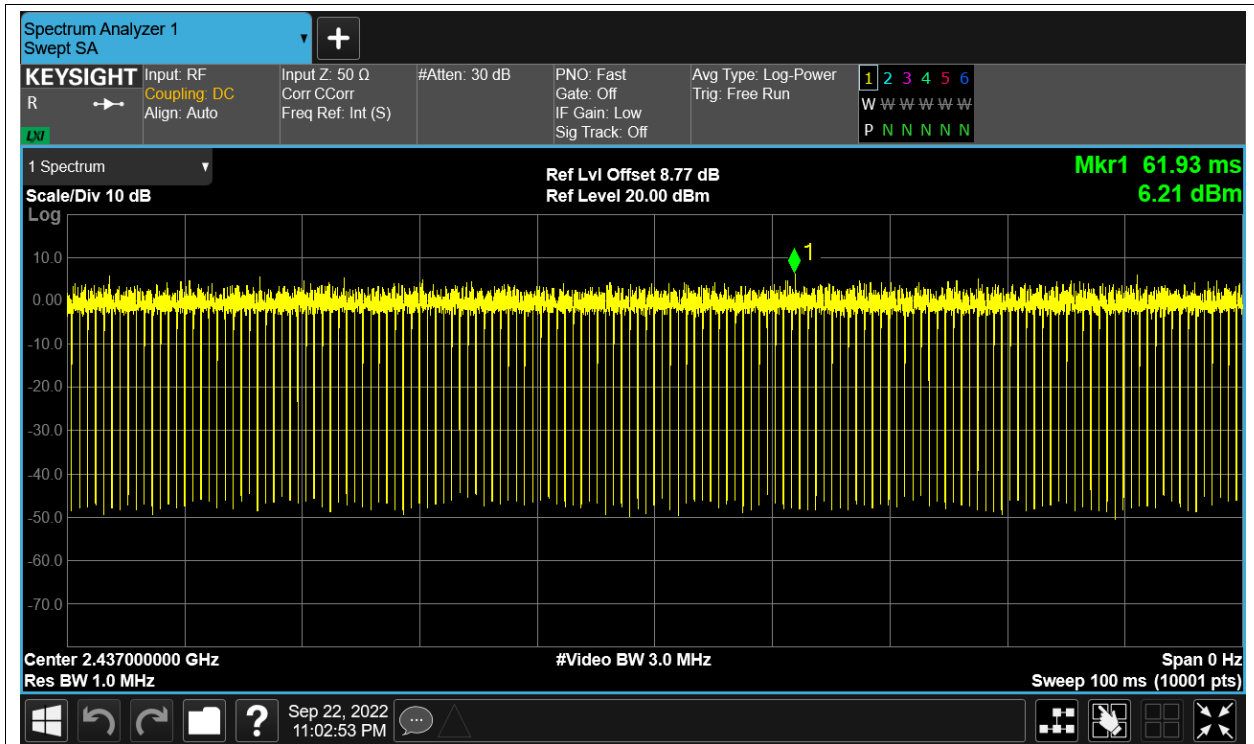
Duty Cycle NVNT n20 2462MHz Sum



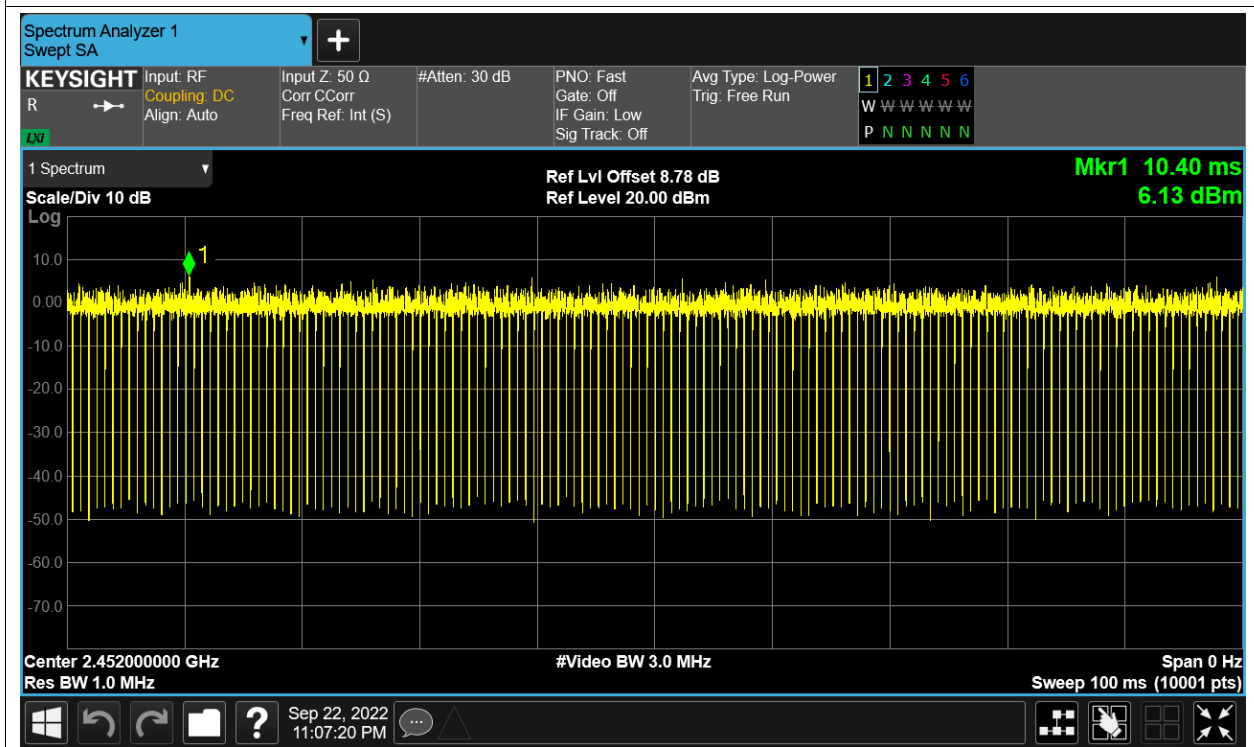
Duty Cycle NVNT n40 2422MHz Sum



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	14.28	0	14.28	30	Pass
NVNT	b	2437	Ant1	14.01	0.01	14.02	30	Pass
NVNT	b	2462	Ant1	14.04	0	14.04	30	Pass
NVNT	b	2412	Ant2	13.87	0.01	13.88	30	Pass
NVNT	b	2437	Ant2	14.17	0.01	14.18	30	Pass
NVNT	b	2462	Ant2	13.89	0.01	13.9	30	Pass
NVNT	g	2412	Ant1	13.86	0.59	14.45	30	Pass
NVNT	g	2437	Ant1	13.73	0.6	14.33	30	Pass
NVNT	g	2462	Ant1	13.57	0.6	14.17	30	Pass
NVNT	g	2412	Ant2	12.01	0.6	12.61	30	Pass
NVNT	g	2437	Ant2	12.53	0.6	13.13	30	Pass
NVNT	g	2462	Ant2	12.54	0.6	13.14	30	Pass
NVNT	n20	2412	Ant1	12.7	0.64	13.34	30	Pass
NVNT	n20	2412	Ant2	11.01	0.64	11.65	30	Pass
NVNT	n20	2412	Sum	14.947	0.64	15.587	30	Pass
NVNT	n20	2437	Ant1	12.77	0.64	13.41	30	Pass
NVNT	n20	2437	Ant2	11.58	0.64	12.22	30	Pass
NVNT	n20	2437	Sum	15.226	0.64	15.866	30	Pass
NVNT	n20	2462	Ant1	12.45	0.64	13.09	30	Pass
NVNT	n20	2462	Ant2	11.64	0.64	12.28	30	Pass
NVNT	n20	2462	Sum	15.074	0.64	15.714	30	Pass
NVNT	n40	2422	Ant1	14.19	0.18	14.37	30	Pass
NVNT	n40	2422	Ant2	12.55	0.18	12.73	30	Pass
NVNT	n40	2422	Sum	16.457	0.18	16.637	30	Pass
NVNT	n40	2437	Ant1	14.01	0.18	14.19	30	Pass
NVNT	n40	2437	Ant2	12.94	0.18	13.12	30	Pass
NVNT	n40	2437	Sum	16.518	0.18	16.698	30	Pass
NVNT	n40	2452	Ant1	14.01	0.18	14.19	30	Pass
NVNT	n40	2452	Ant2	12.82	0.18	13	30	Pass
NVNT	n40	2452	Sum	16.466	0.18	16.646	30	Pass

-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit	Verdic
NVNT	b	2412	Ant1	8.571	0.5	Pass
NVNT	b	2437	Ant1	8.567	0.5	Pass
NVNT	b	2462	Ant1	8.6	0.5	Pass
NVNT	b	2412	Ant2	8.575	0.5	Pass
NVNT	b	2437	Ant2	9.041	0.5	Pass
NVNT	b	2462	Ant2	9.029	0.5	Pass
NVNT	g	2412	Ant1	16.362	0.5	Pass
NVNT	g	2437	Ant1	16.376	0.5	Pass
NVNT	g	2462	Ant1	16.364	0.5	Pass
NVNT	g	2412	Ant2	16.4	0.5	Pass
NVNT	g	2437	Ant2	16.376	0.5	Pass
NVNT	g	2462	Ant2	16.375	0.5	Pass
NVNT	n20	2412	Ant1	17.715	0.5	Pass
NVNT	n20	2412	Ant2	17.696	0.5	Pass
NVNT	n20	2437	Ant1	17.724	0.5	Pass
NVNT	n20	2437	Ant2	17.779	0.5	Pass
NVNT	n20	2462	Ant1	17.733	0.5	Pass
NVNT	n20	2462	Ant2	17.748	0.5	Pass
NVNT	n40	2422	Ant1	35.751	0.5	Pass
NVNT	n40	2422	Ant2	36.363	0.5	Pass
NVNT	n40	2437	Ant1	36.088	0.5	Pass
NVNT	n40	2437	Ant2	36.342	0.5	Pass
NVNT	n40	2452	Ant1	36.318	0.5	Pass
NVNT	n40	2452	Ant2	36.333	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



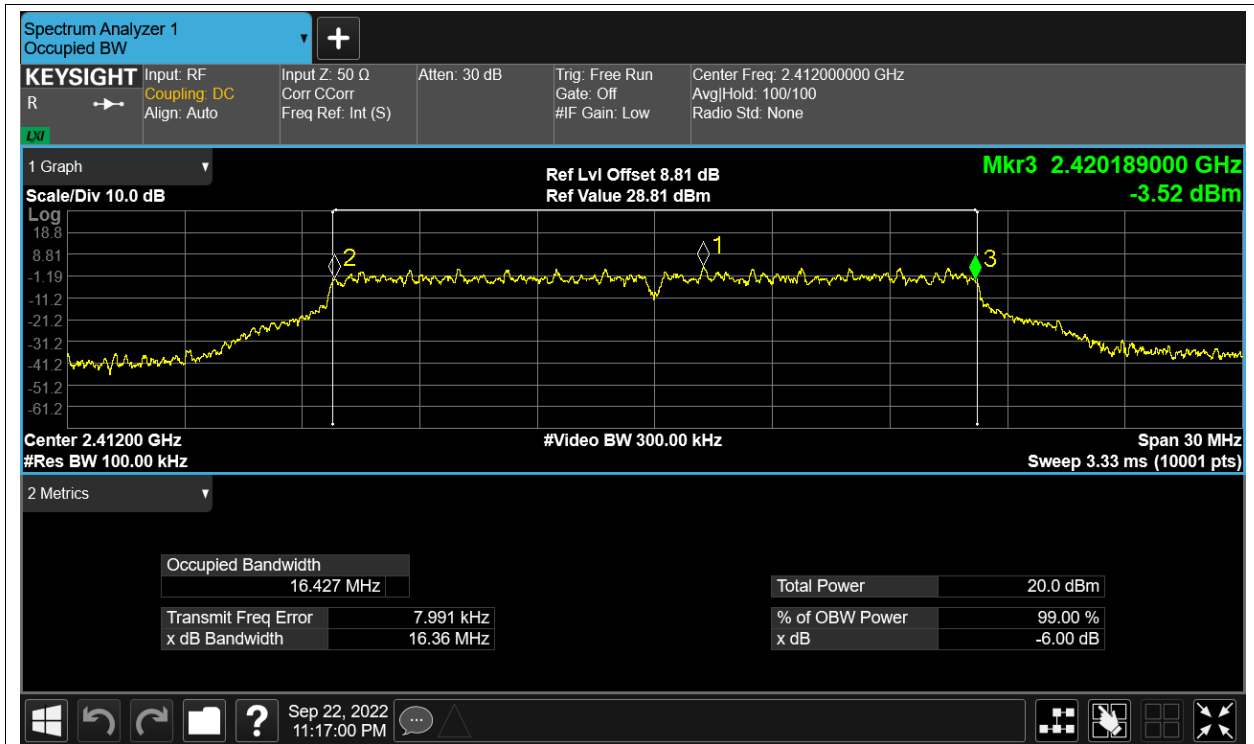
-6dB Bandwidth NVNT b 2437MHz Ant2



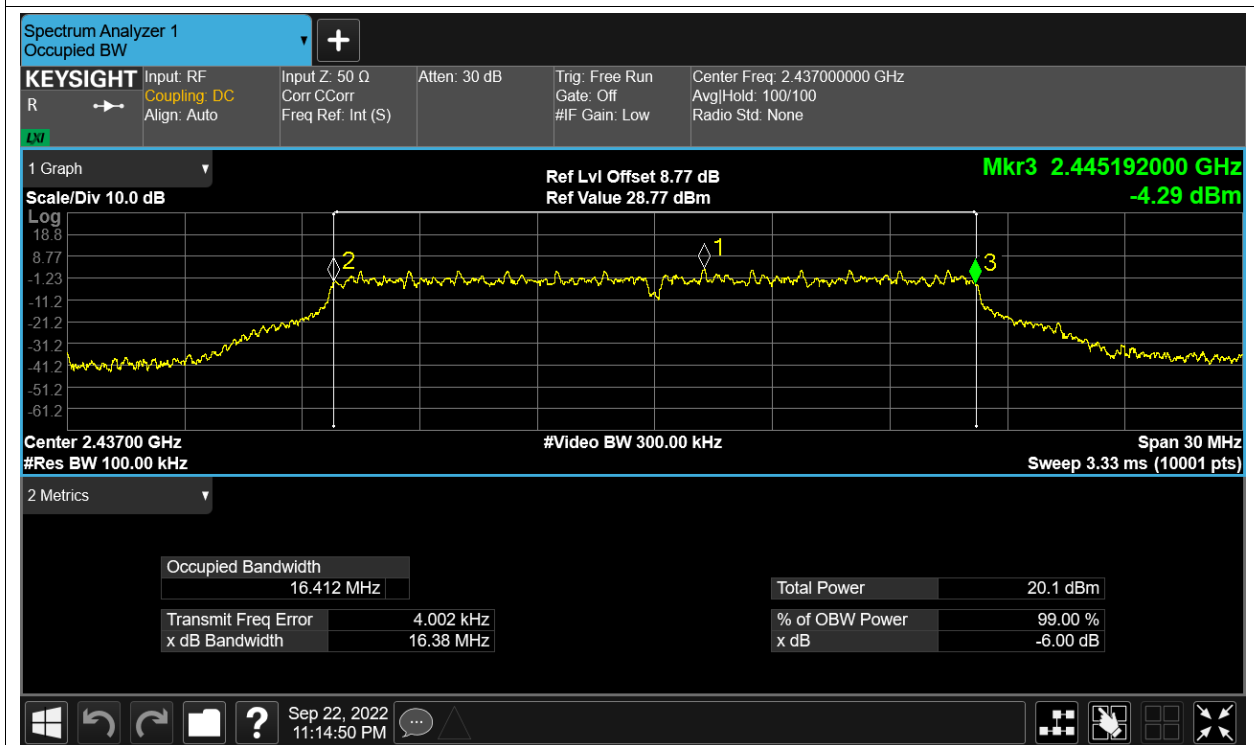
-6dB Bandwidth NVNT b 2462MHz Ant2



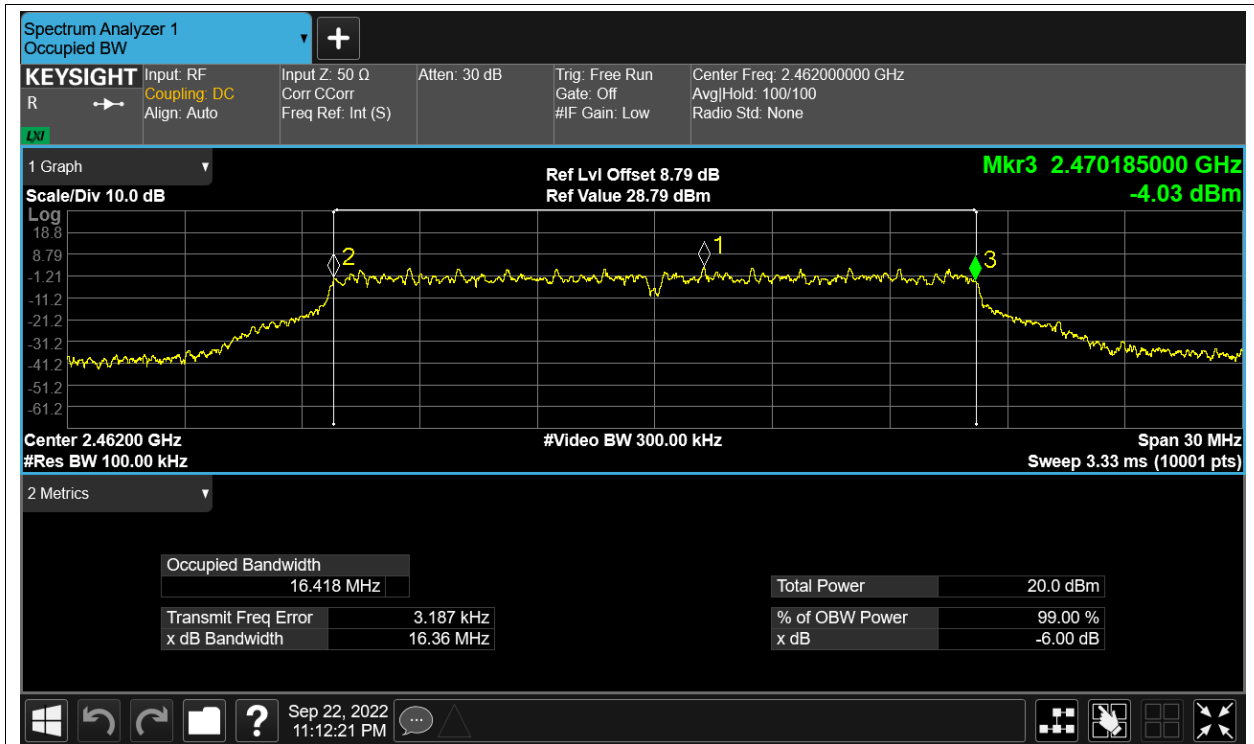
-6dB Bandwidth NVNT g 2412MHz Ant1



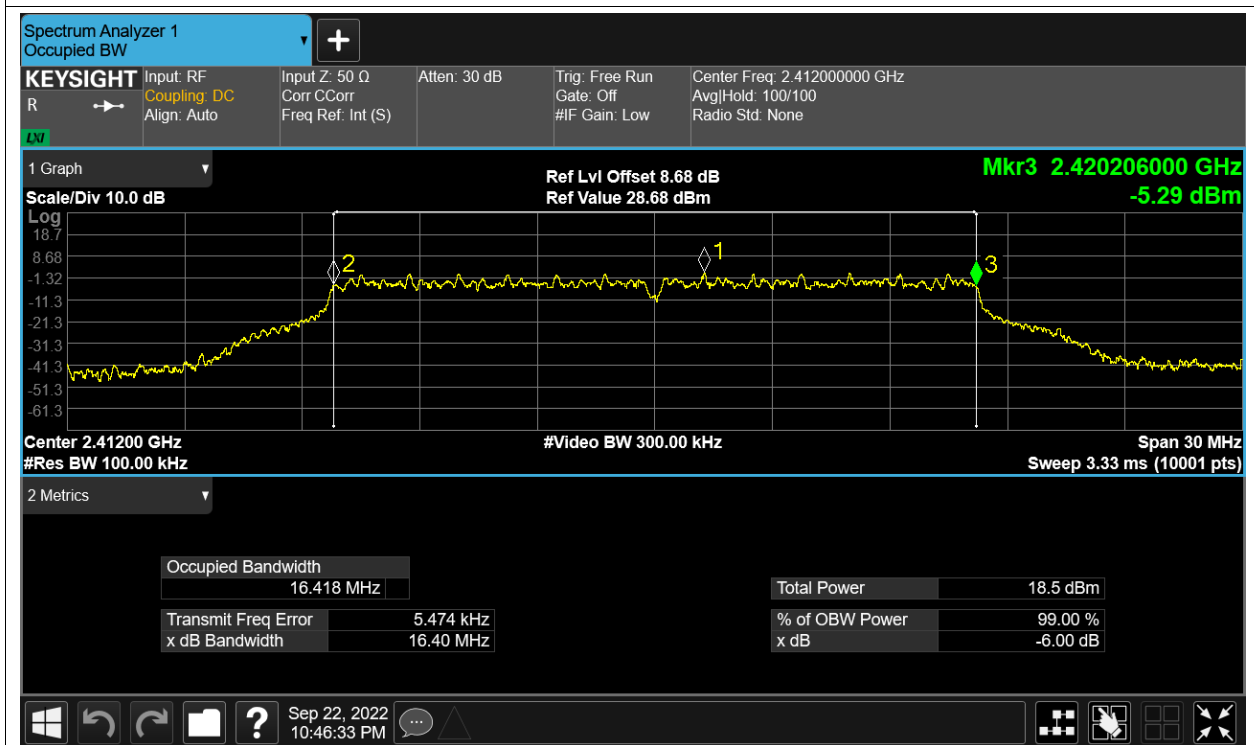
-6dB Bandwidth NVNT g 2437MHz Ant1



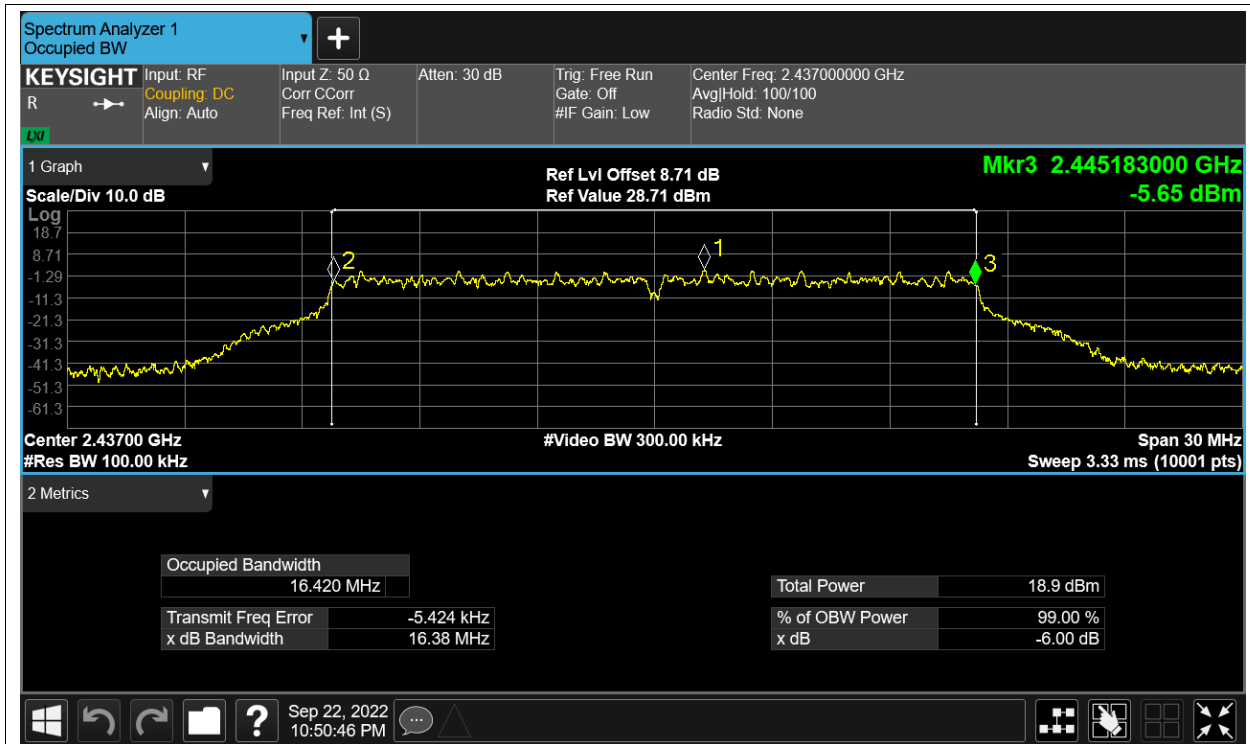
-6dB Bandwidth NVNT g 2462MHz Ant1



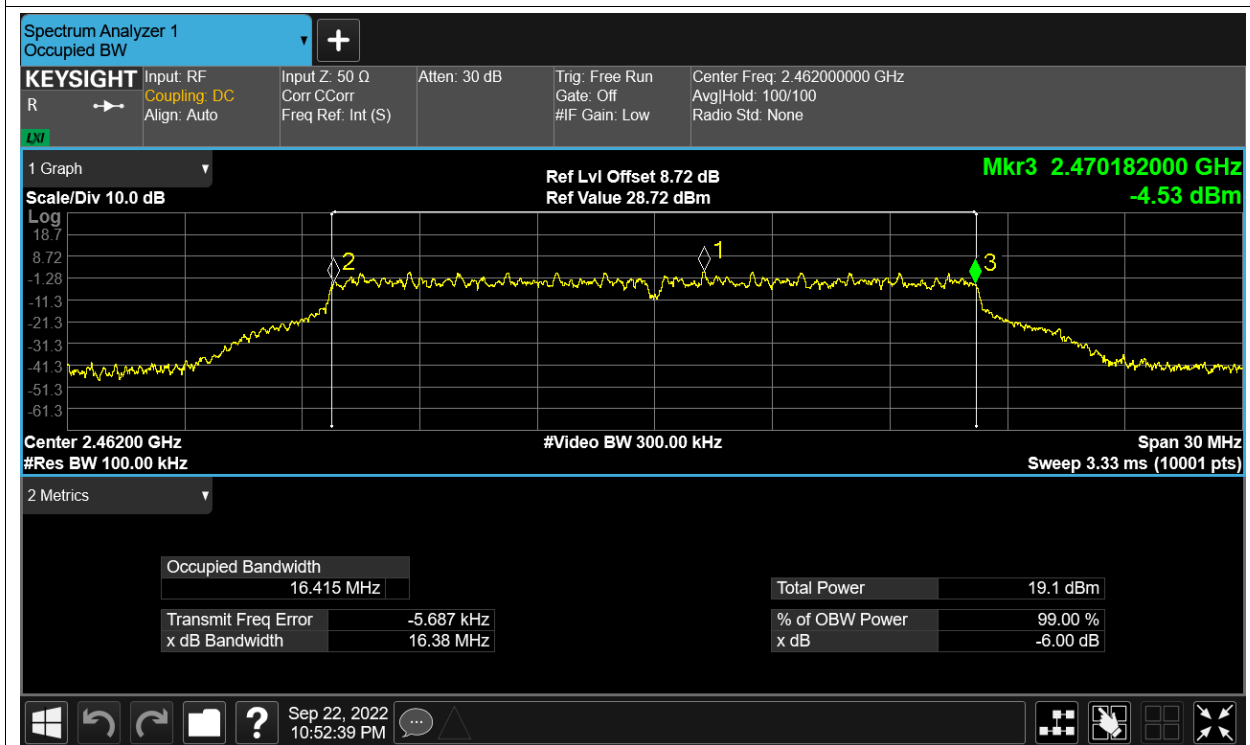
-6dB Bandwidth NVNT g 2412MHz Ant2



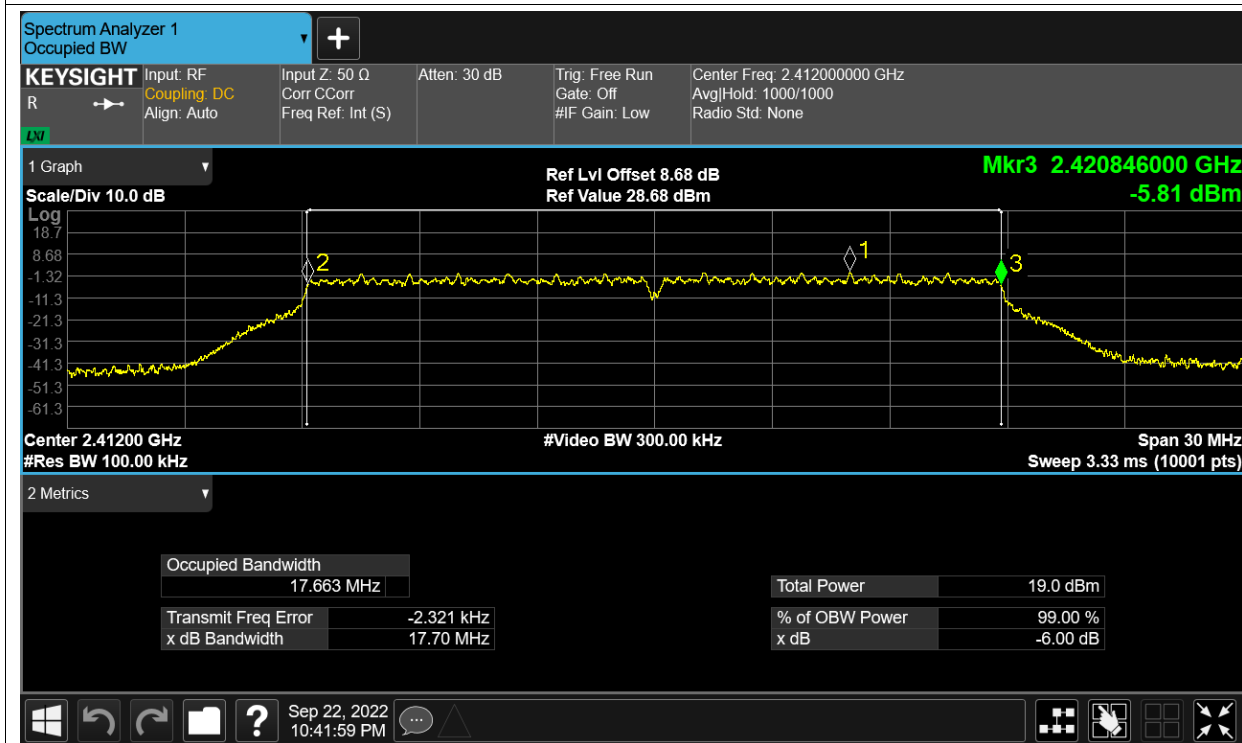
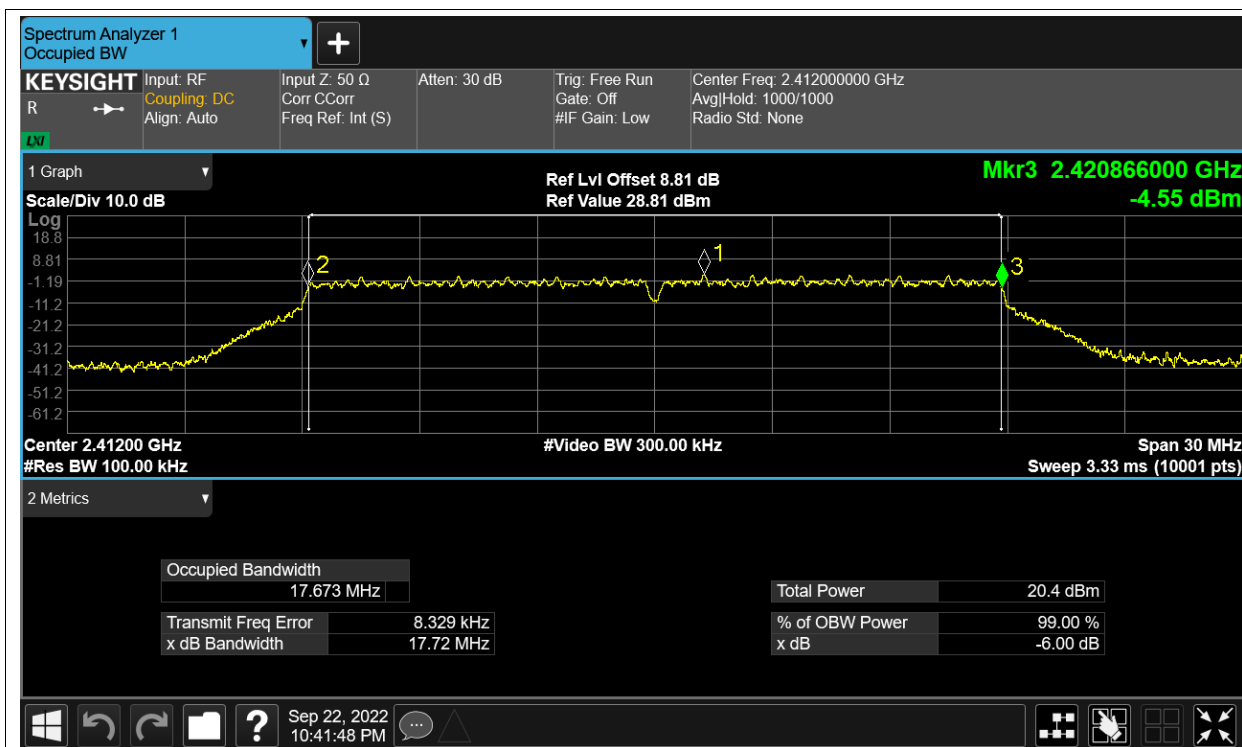
-6dB Bandwidth NVNT g 2437MHz Ant2

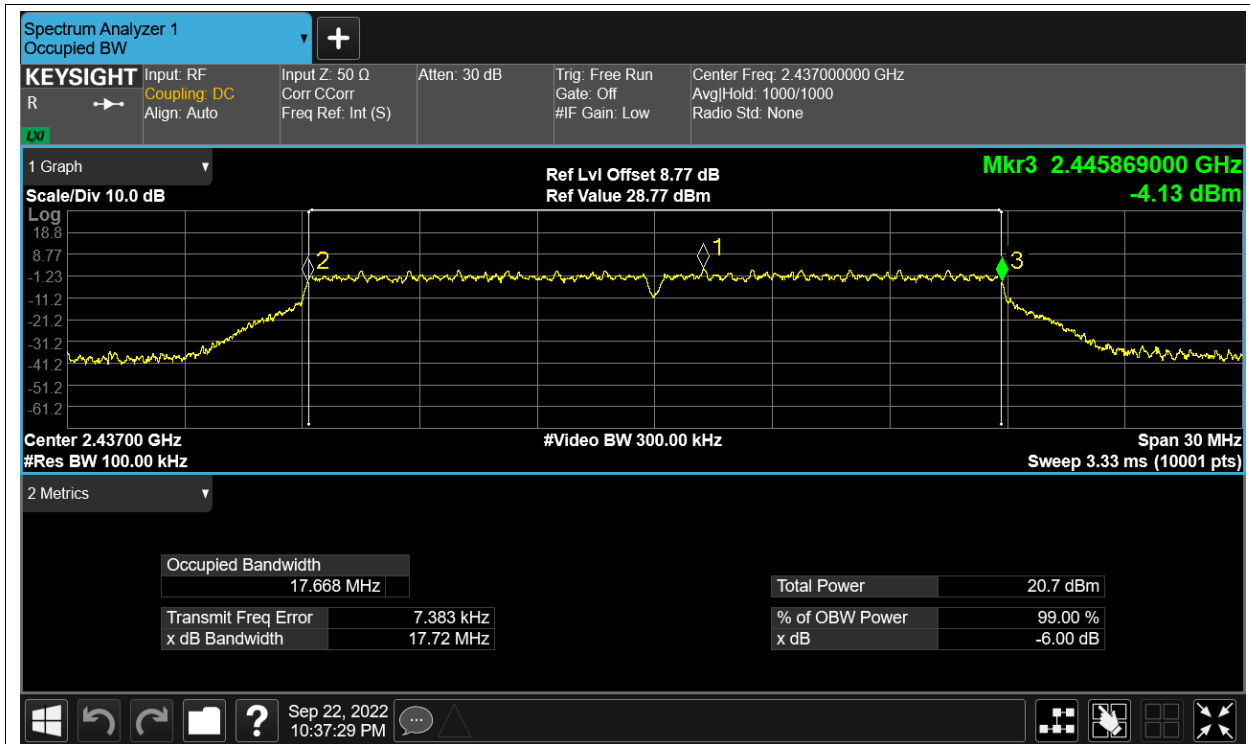


-6dB Bandwidth NVNT g 2462MHz Ant2

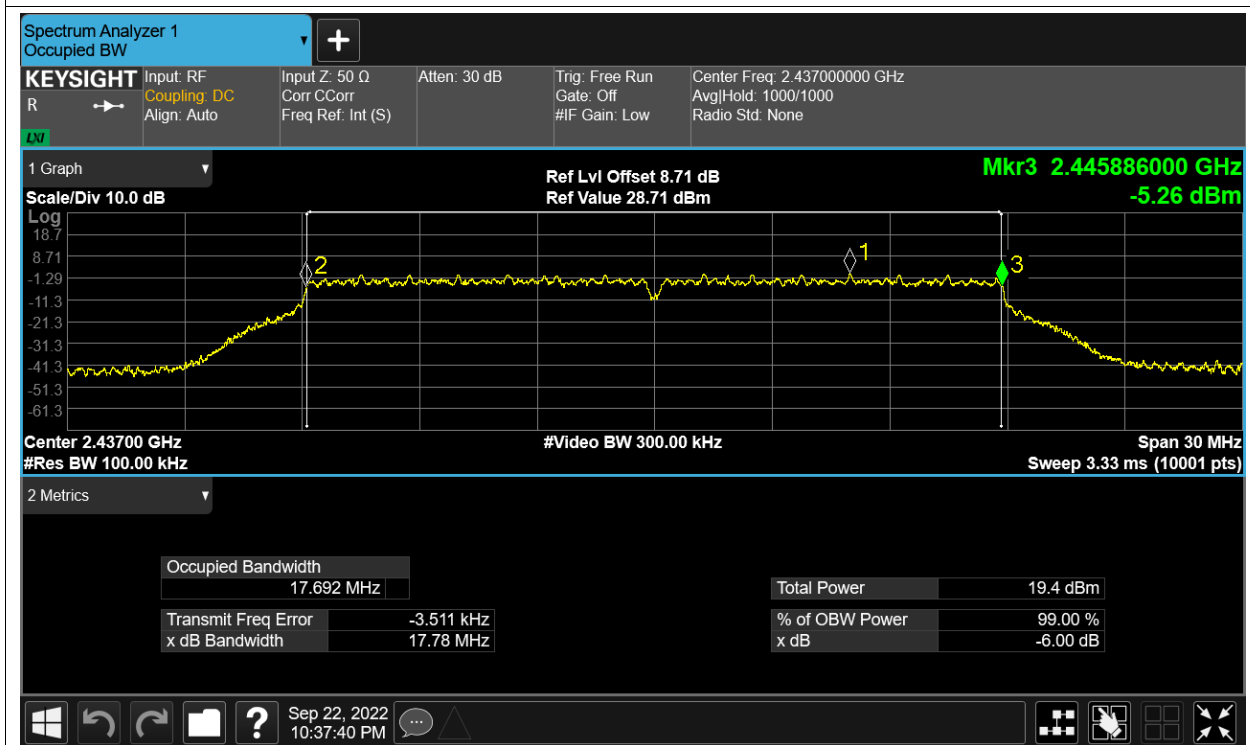


-6dB Bandwidth NVNT n20 2412MHz Ant1

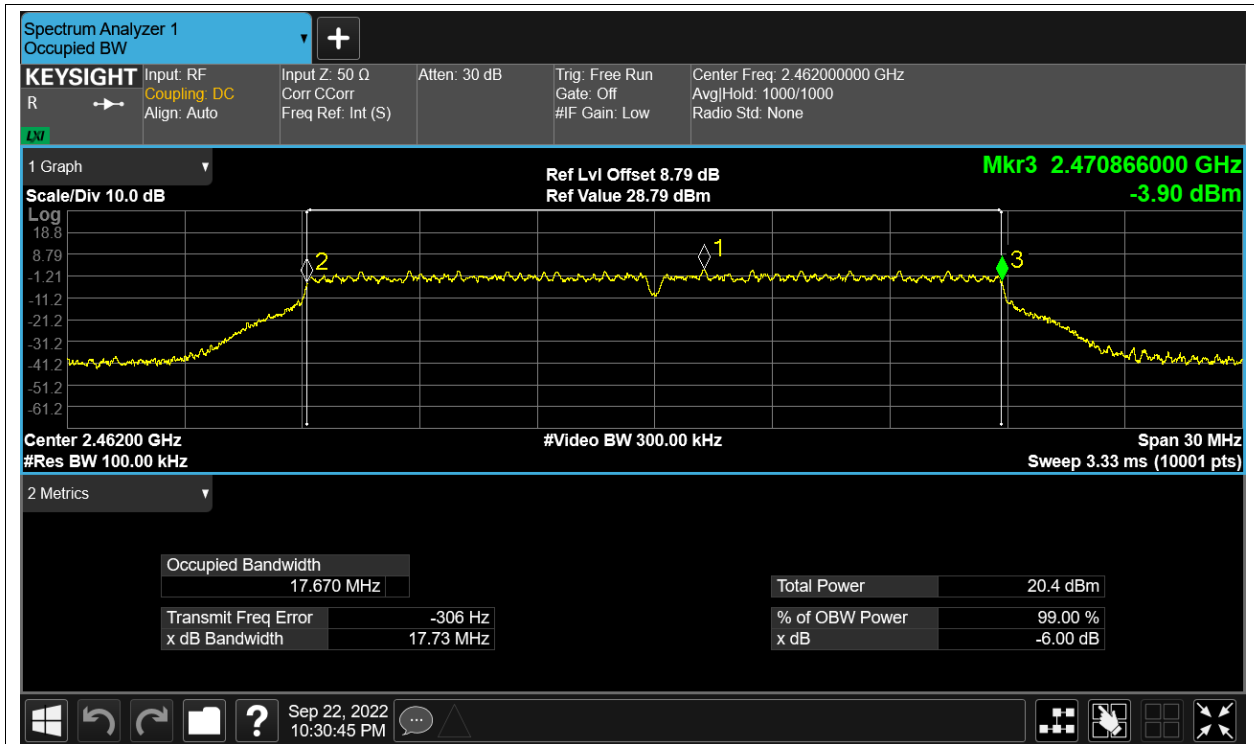




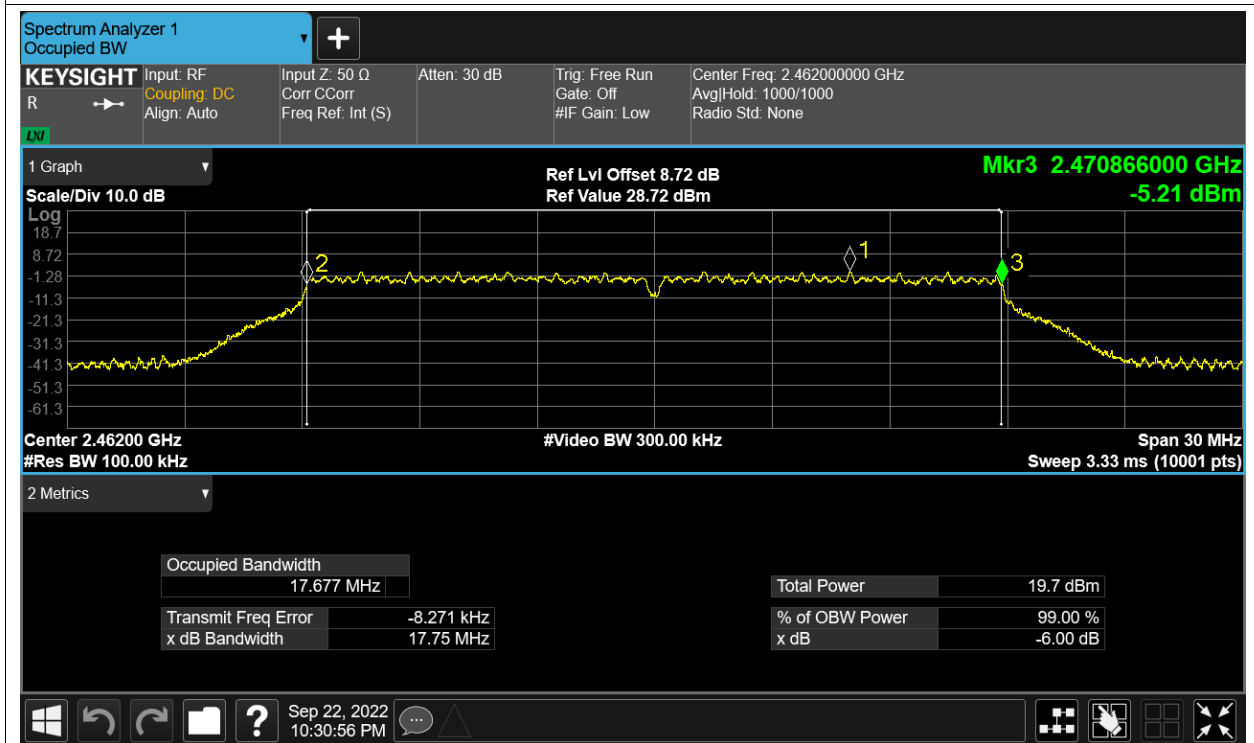
-6dB Bandwidth NVNT n20 2437MHz Ant2



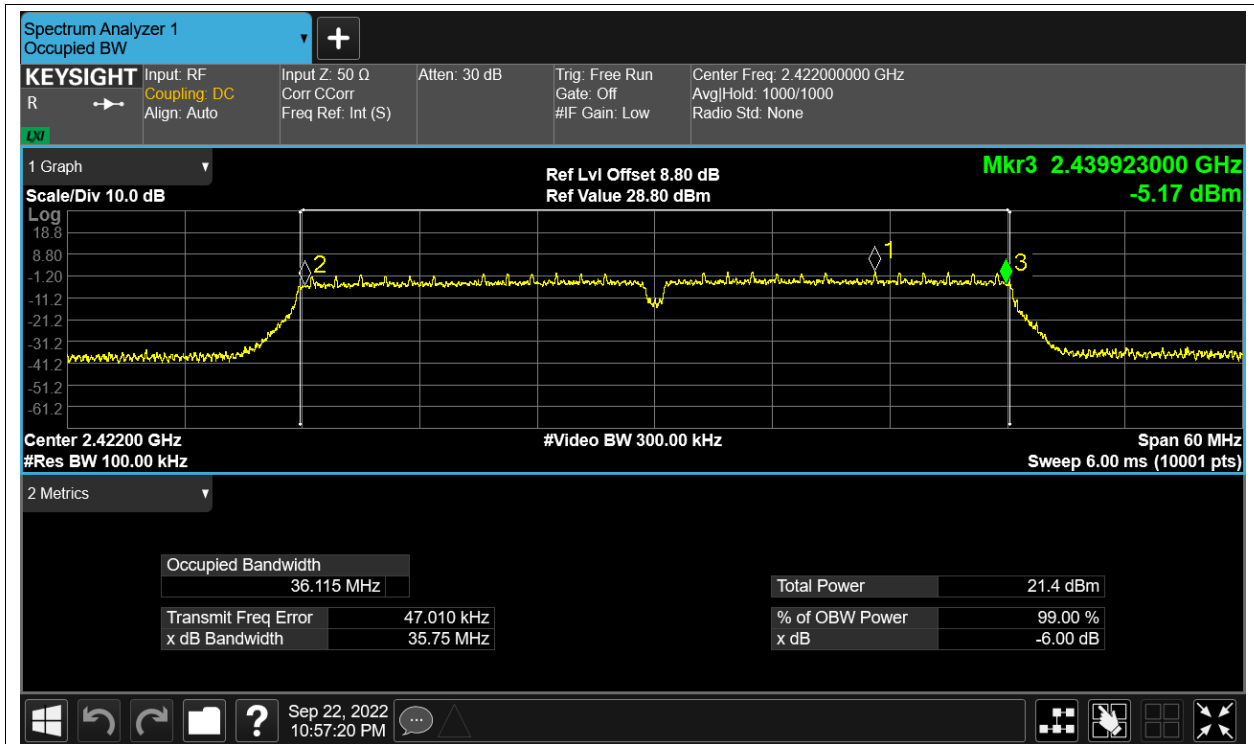
-6dB Bandwidth NVNT n20 2462MHz Ant1



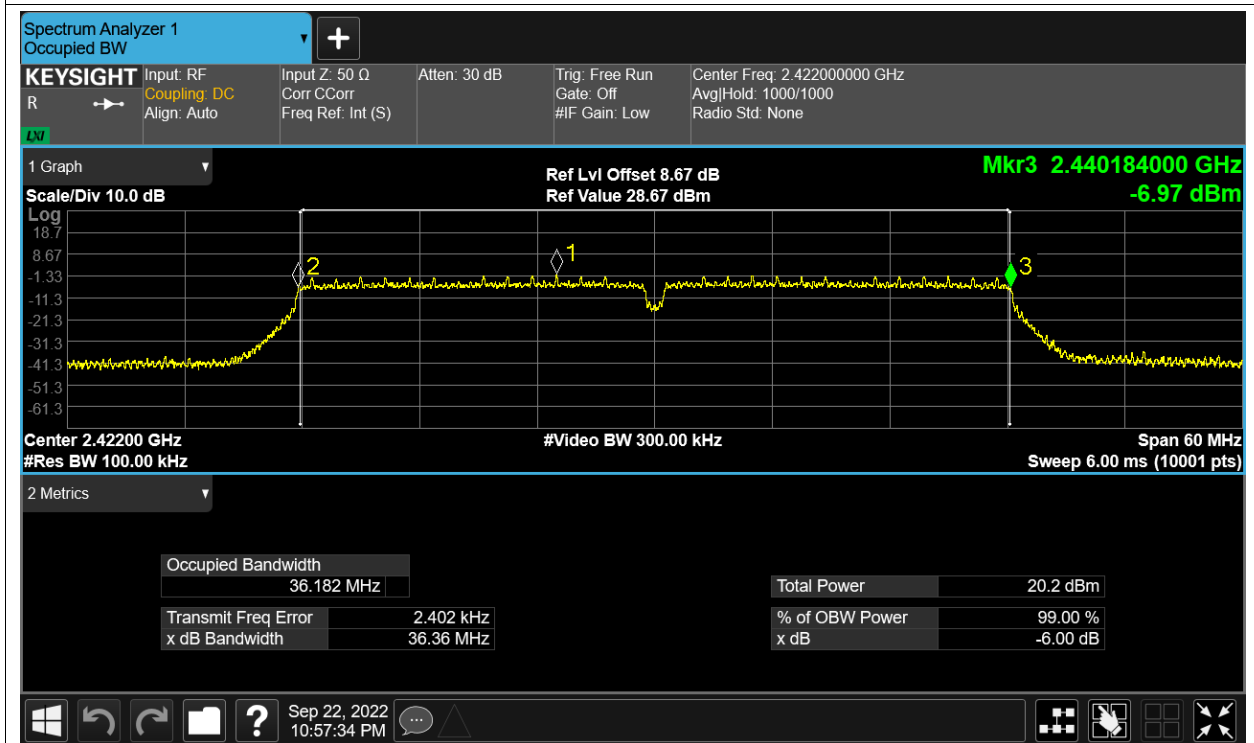
-6dB Bandwidth NVNT n20 2462MHz Ant2



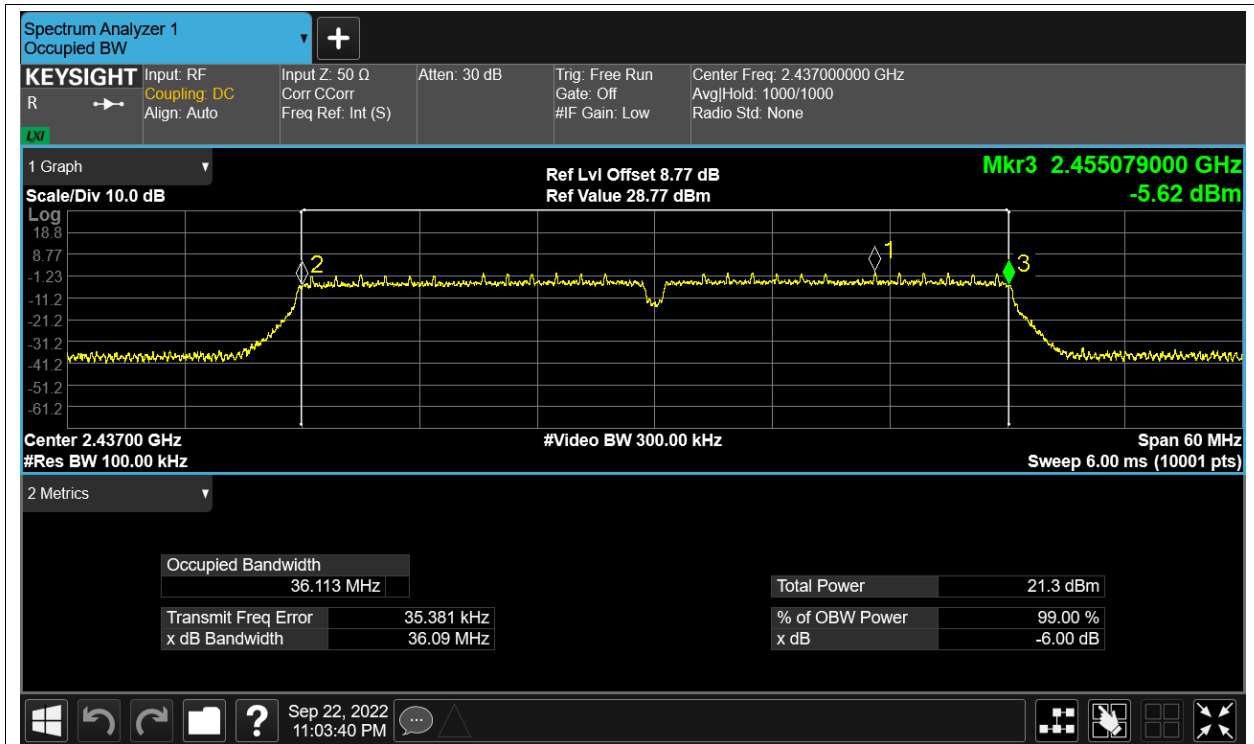
-6dB Bandwidth NVNT n40 2422MHz Ant1



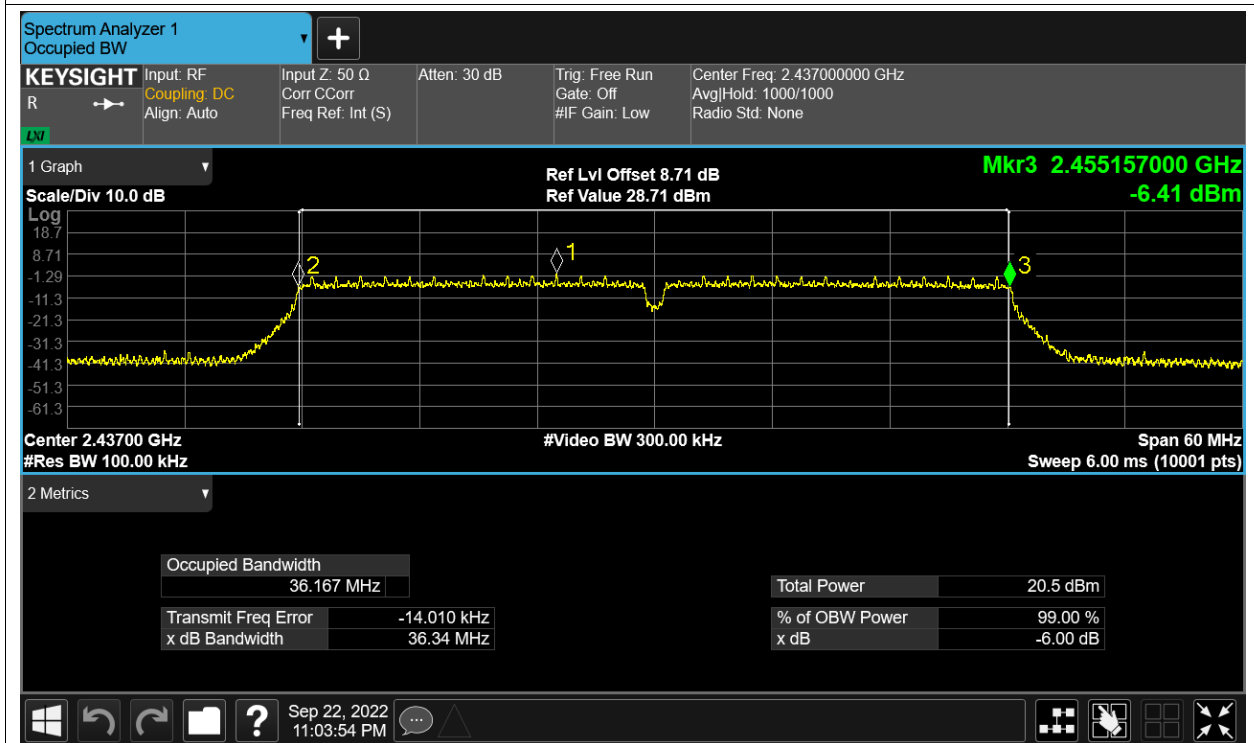
-6dB Bandwidth NVNT n40 2422MHz Ant2



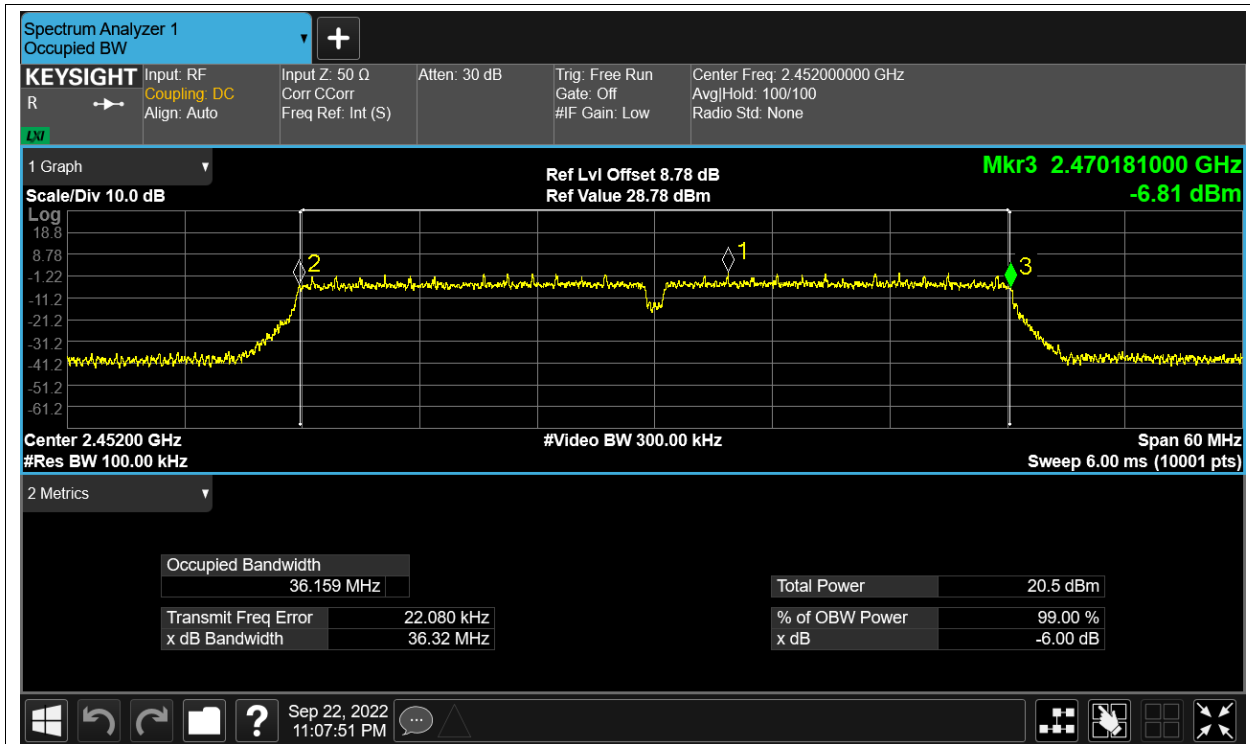
-6dB Bandwidth NVNT n40 2437MHz Ant1



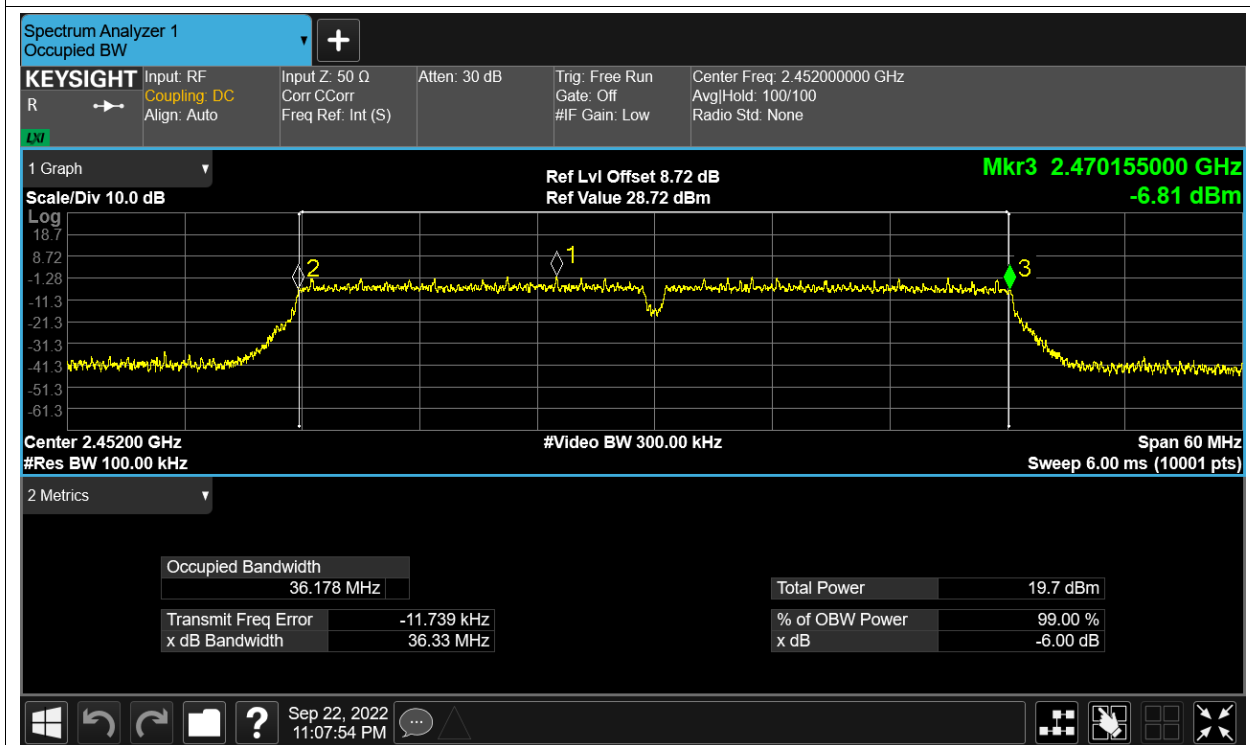
-6dB Bandwidth NVNT n40 2437MHz Ant2



-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	11.20455786
NVNT	b	2437	Ant1	11.16027409
NVNT	b	2462	Ant1	11.18218524
NVNT	b	2412	Ant2	11.73387847
NVNT	b	2437	Ant2	11.74628274
NVNT	b	2462	Ant2	11.76279527
NVNT	g	2412	Ant1	16.47532485
NVNT	g	2437	Ant1	16.50630703
NVNT	g	2462	Ant1	16.49583628
NVNT	g	2412	Ant2	16.48922191
NVNT	g	2437	Ant2	16.49445091
NVNT	g	2462	Ant2	16.49706316
NVNT	n20	2412	Ant1	17.7822805
NVNT	n20	2412	Ant2	17.78341226
NVNT	n20	2437	Ant1	17.81540351
NVNT	n20	2437	Ant2	17.78776596
NVNT	n20	2462	Ant1	17.78671297
NVNT	n20	2462	Ant2	17.79428674
NVNT	n40	2422	Ant1	36.301906
NVNT	n40	2422	Ant2	36.24267715
NVNT	n40	2437	Ant1	36.32660786
NVNT	n40	2437	Ant2	36.24987238
NVNT	n40	2452	Ant1	36.27356344
NVNT	n40	2452	Ant2	36.27812147

Test Graphs

OBW NVNT b 2412MHz Ant1



OBW NVNT b 2437MHz Ant1



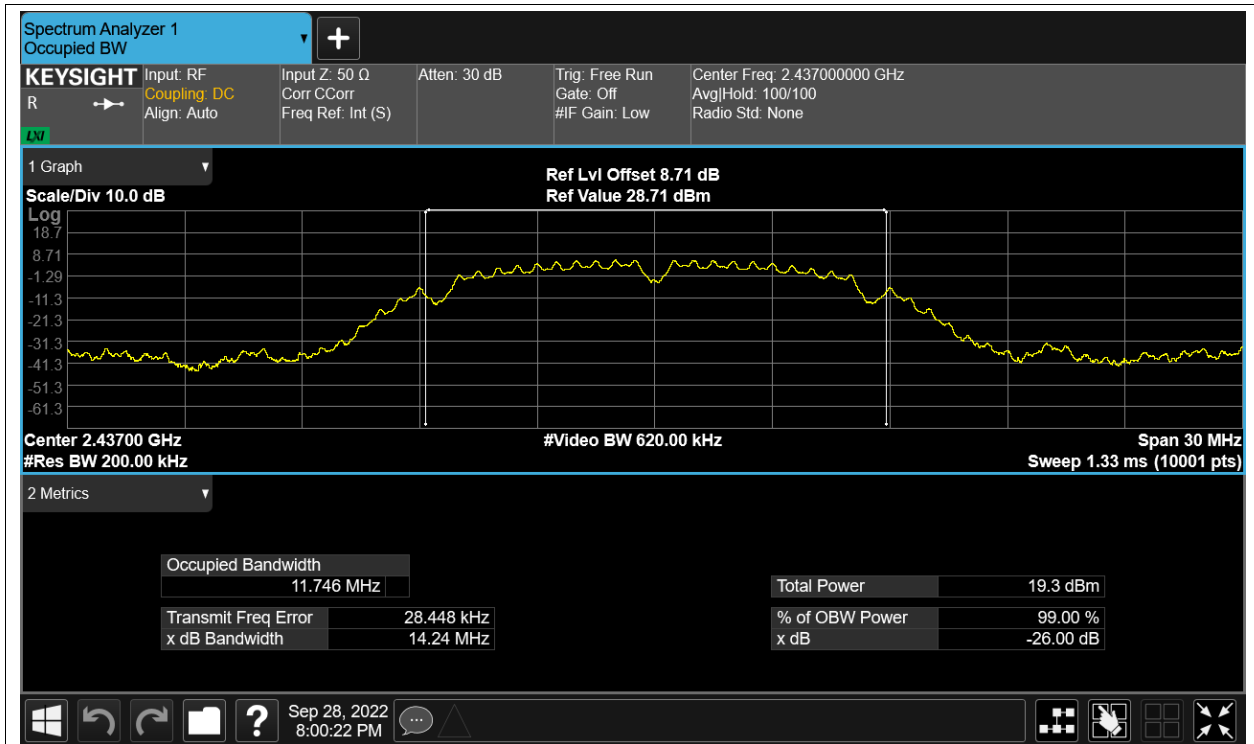
OBW NVNT b 2462MHz Ant1



OBW NVNT b 2412MHz Ant2



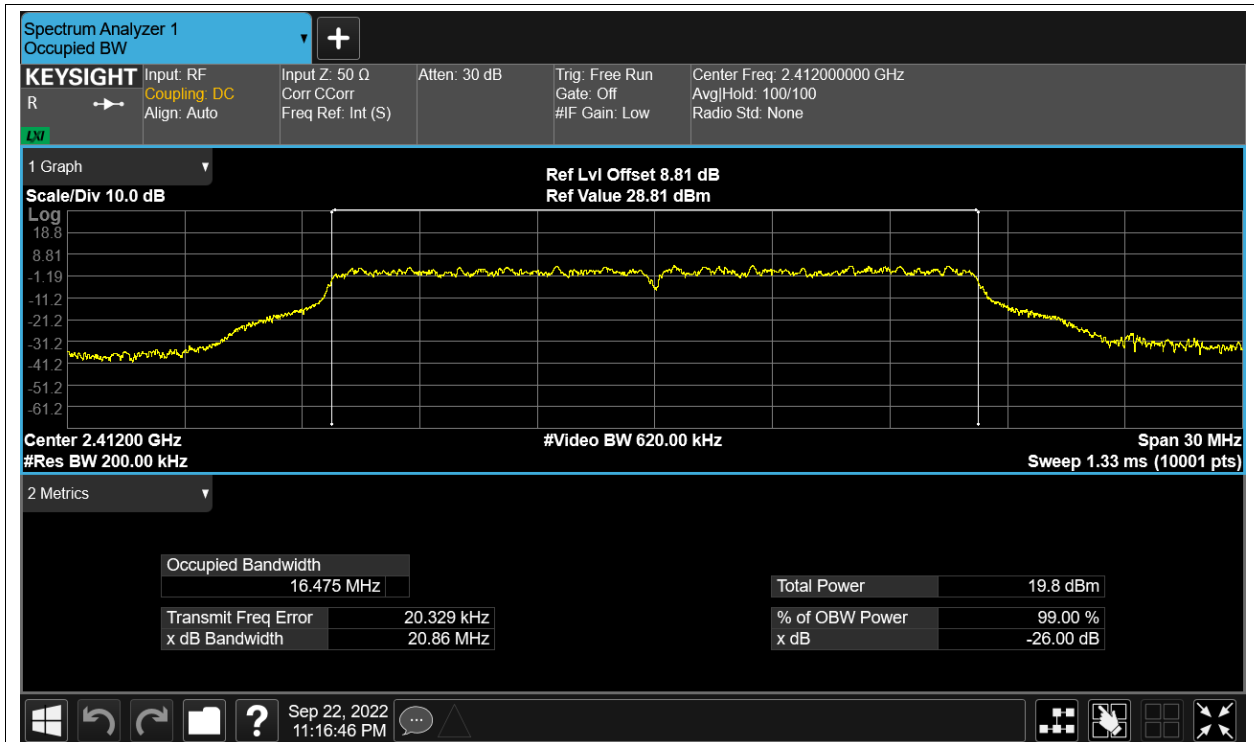
OBW NVNT b 2437MHz Ant2



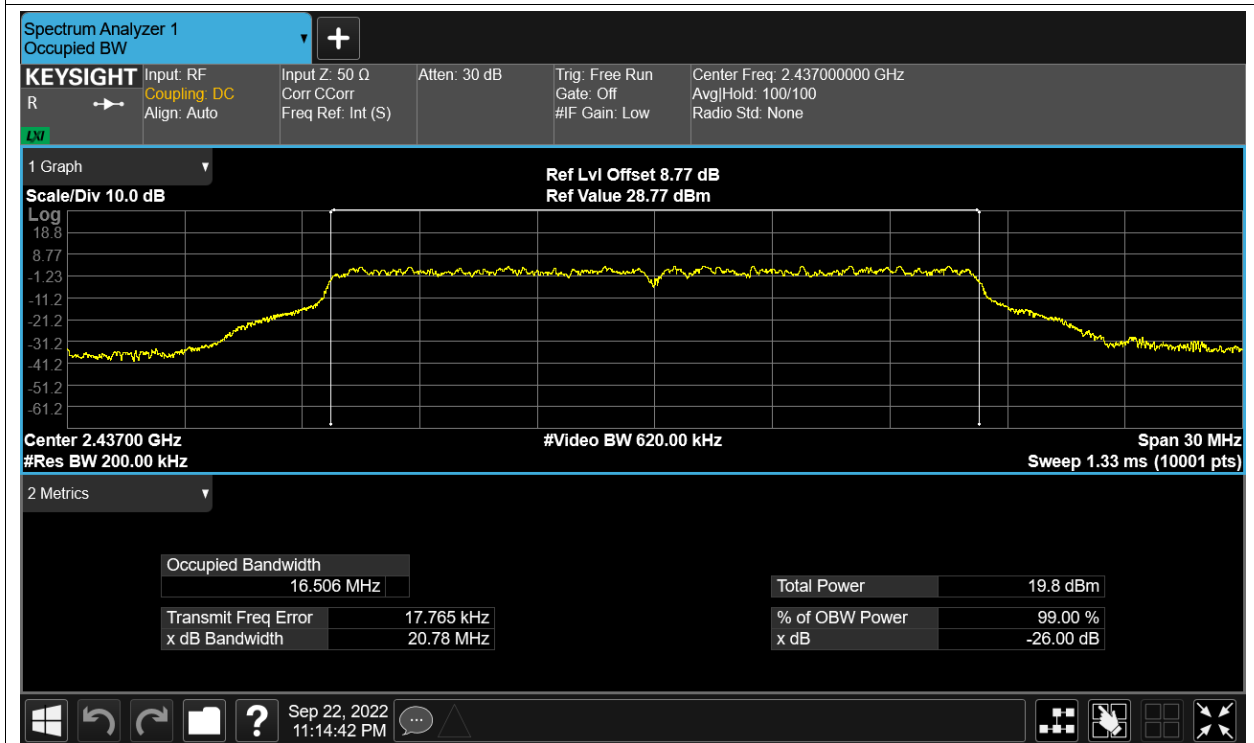
OBW NVNT b 2462MHz Ant2



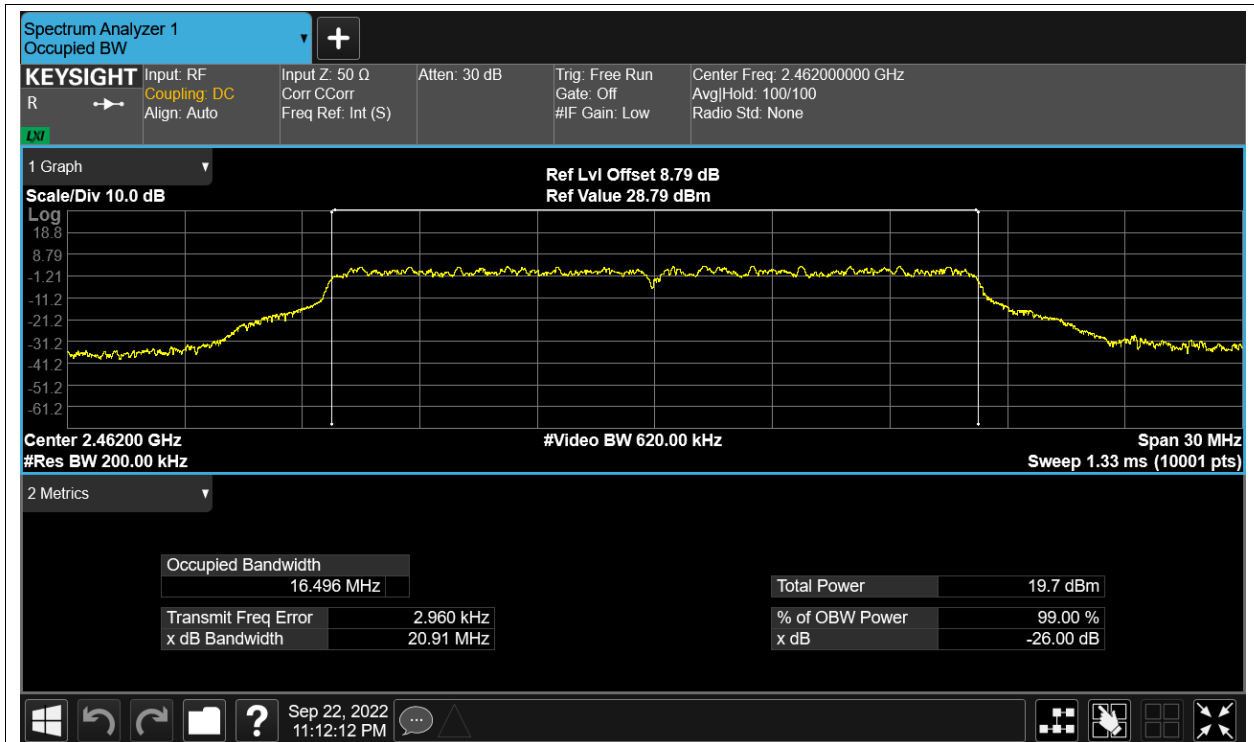
OBW NVNT g 2412MHz Ant1



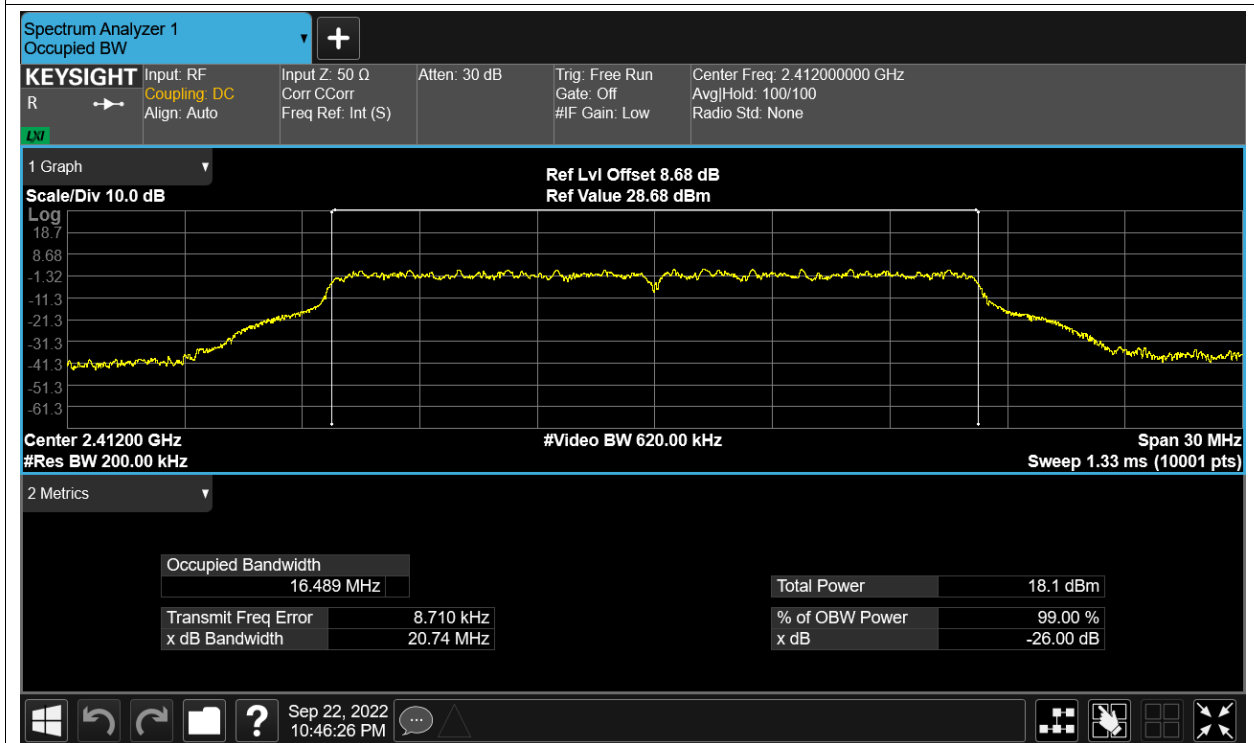
OBW NVNT g 2437MHz Ant1



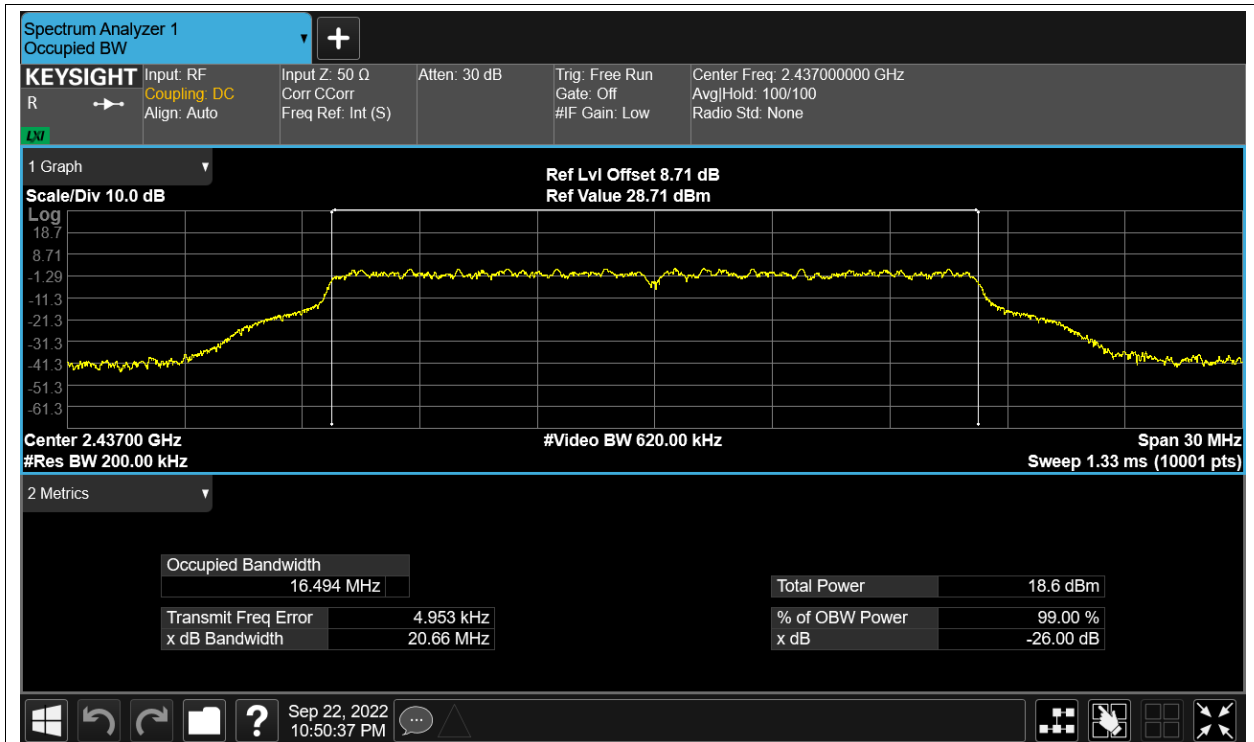
OBW NVNT g 2462MHz Ant1



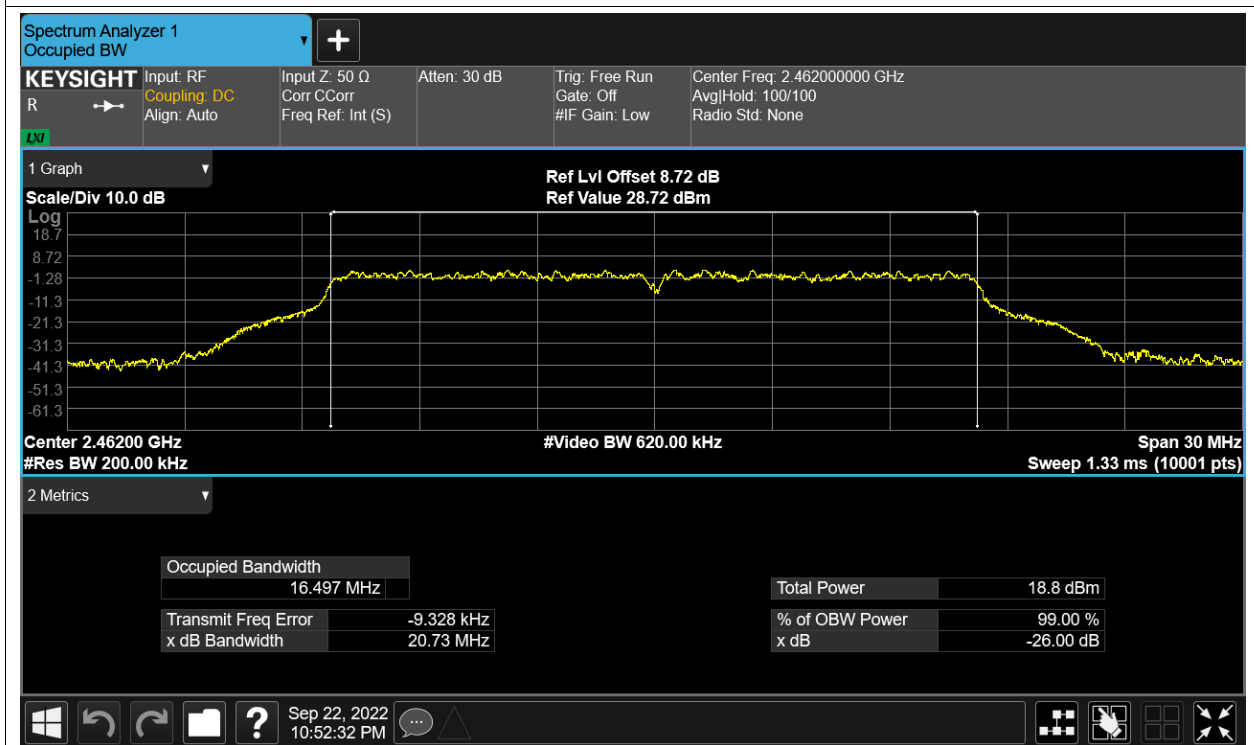
OBW NVNT g 2412MHz Ant2



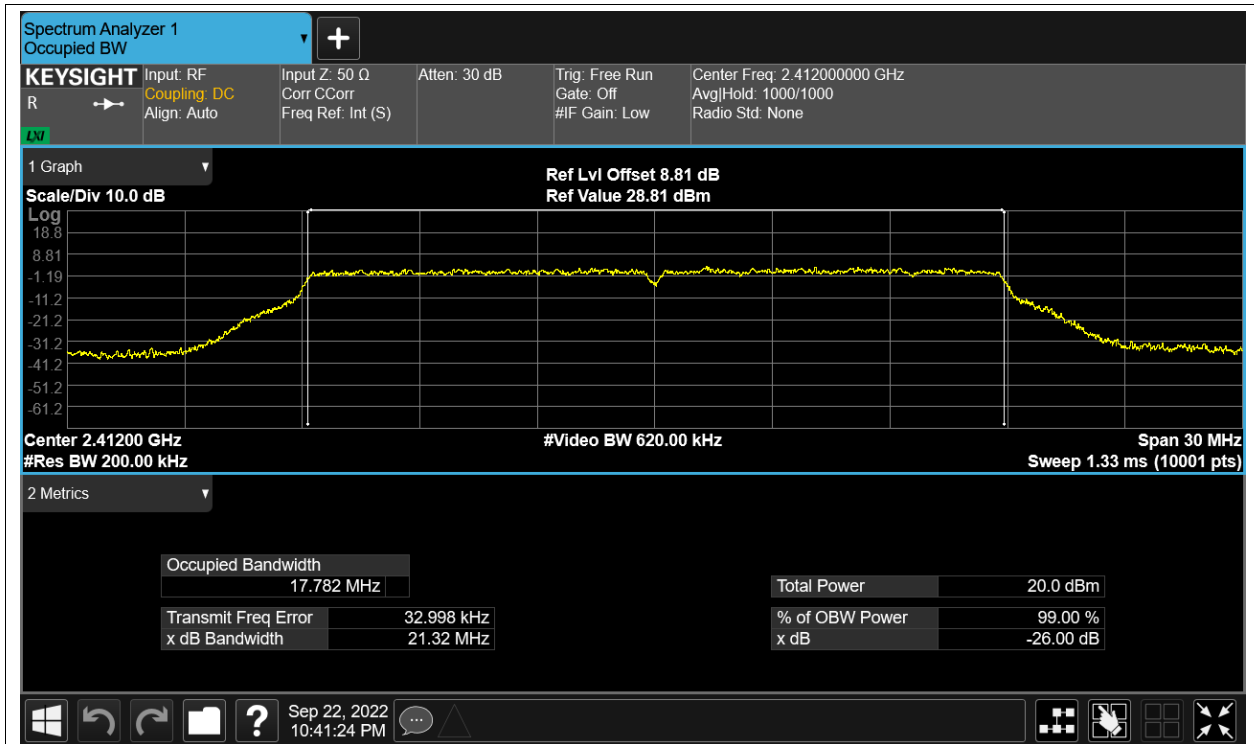
OBW NVNT g 2437MHz Ant2



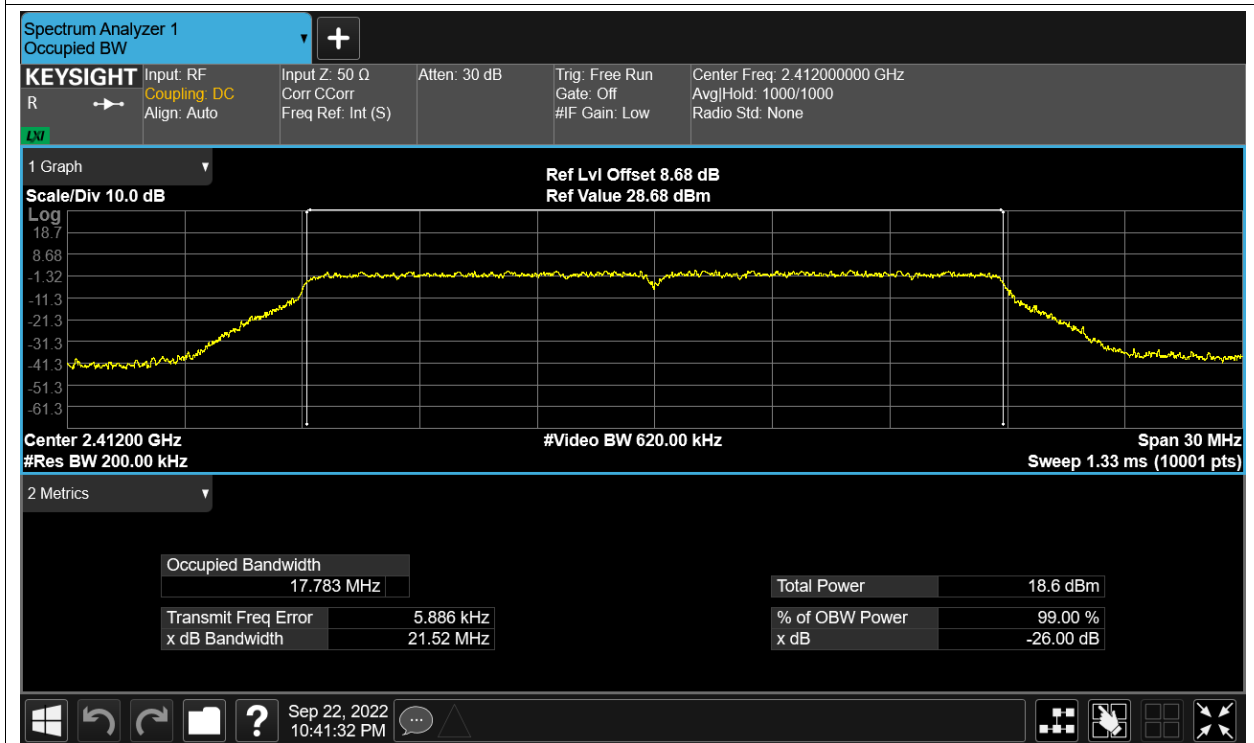
OBW NVNT g 2462MHz Ant2



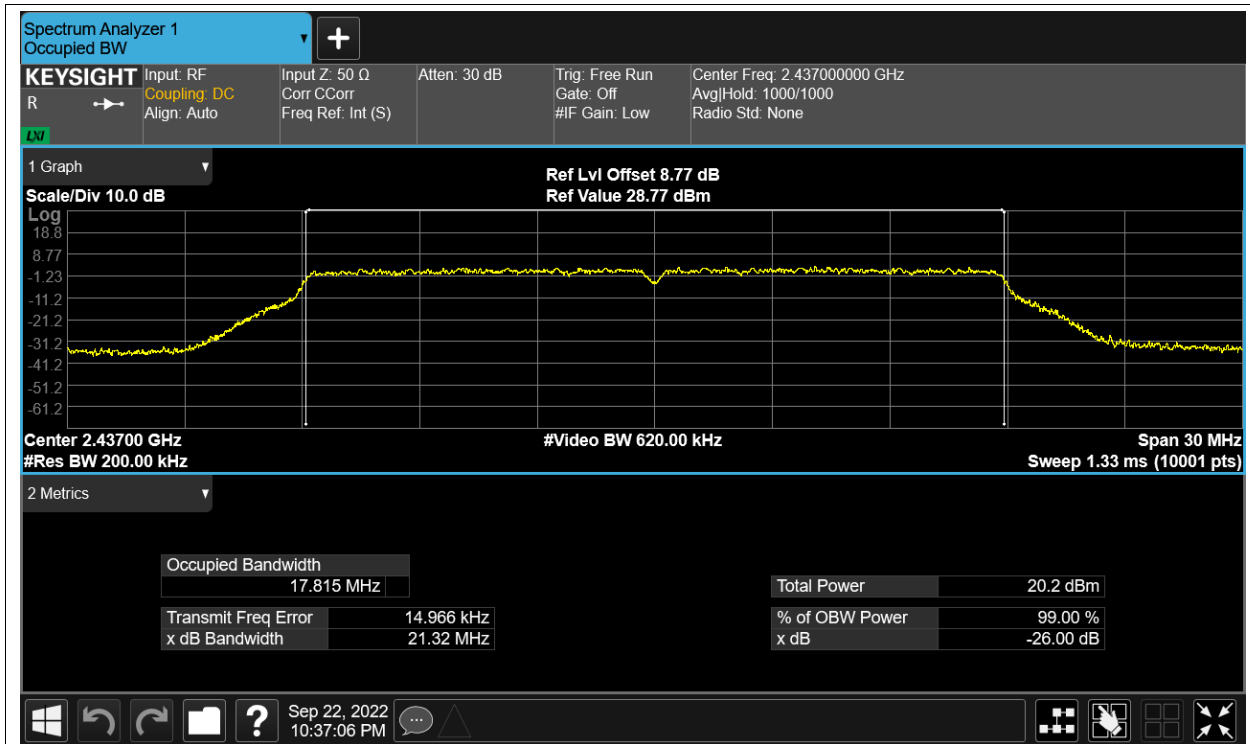
OBW NVNT n20 2412MHz Ant1



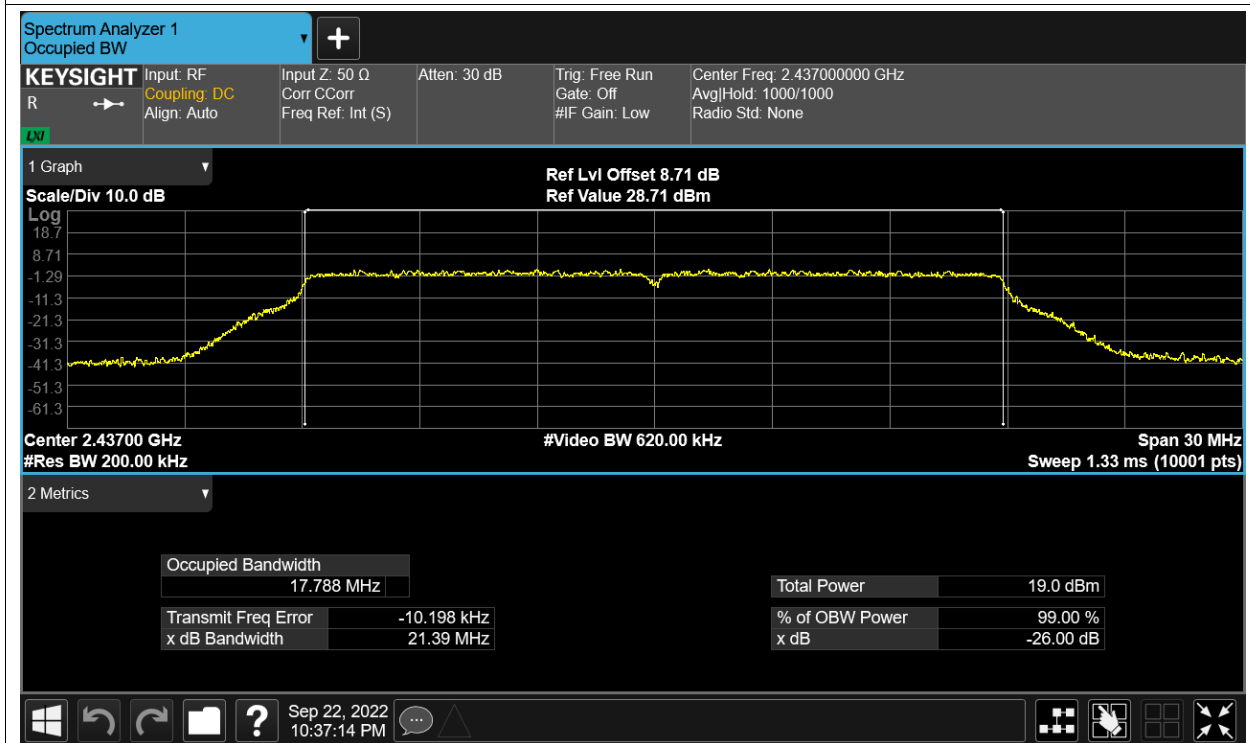
OBW NVNT n20 2412MHz Ant2



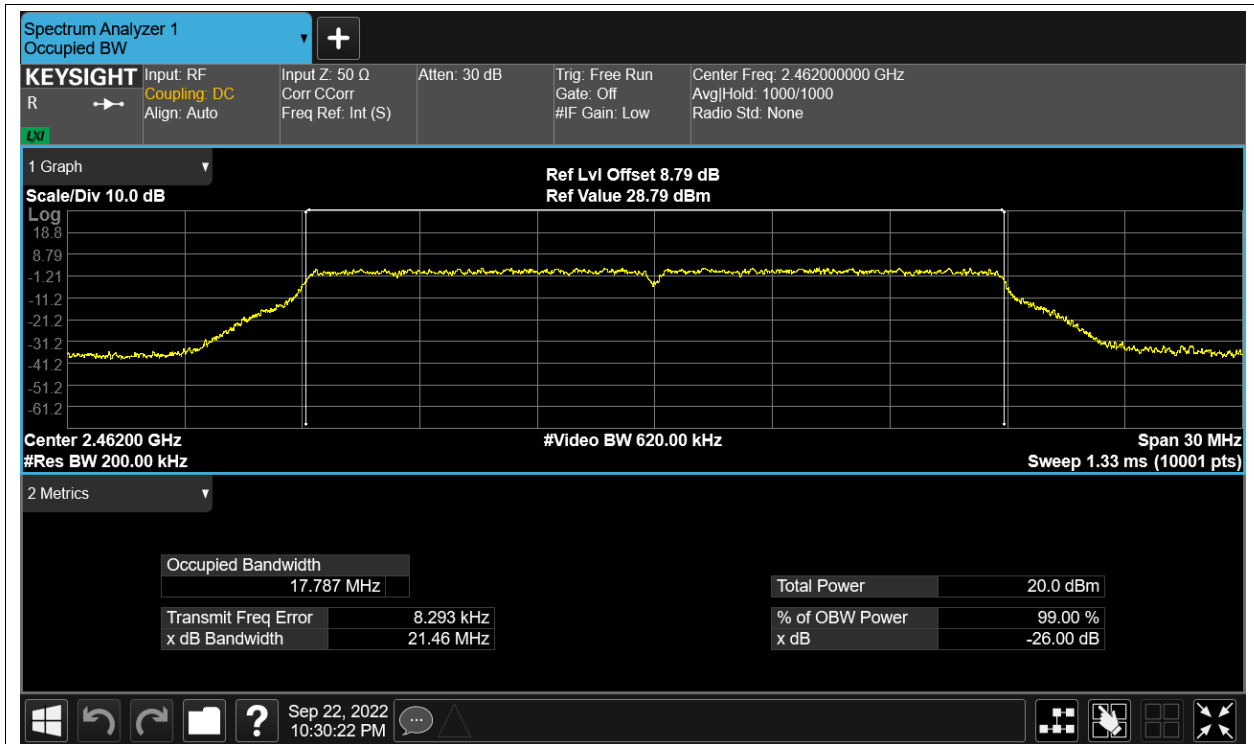
OBW NVNT n20 2437MHz Ant1



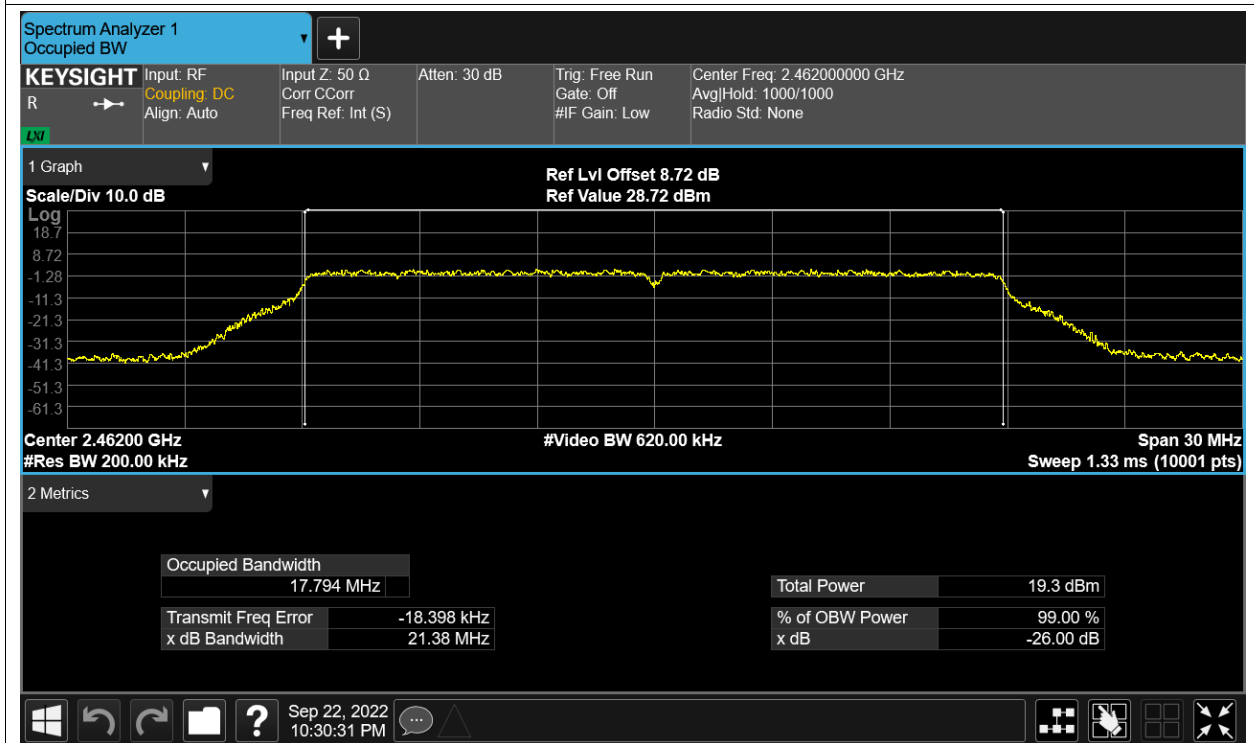
OBW NVNT n20 2437MHz Ant2



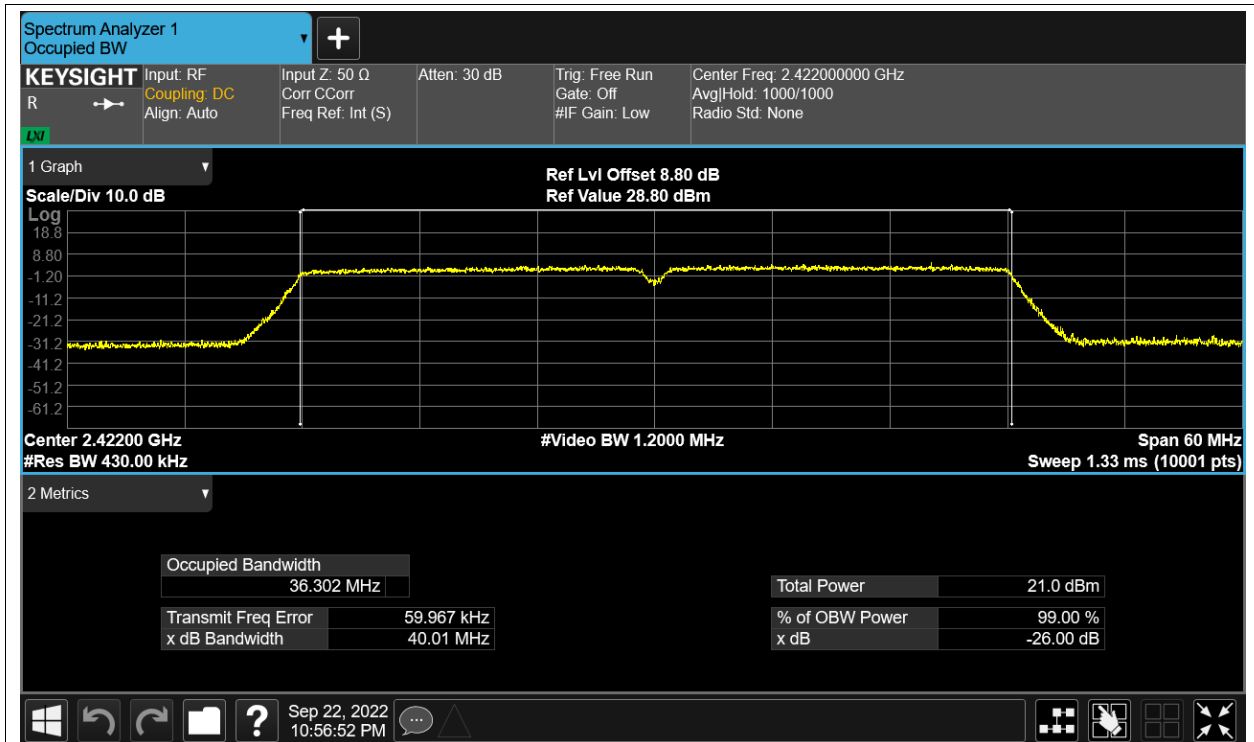
OBW NVNT n20 2462MHz Ant1



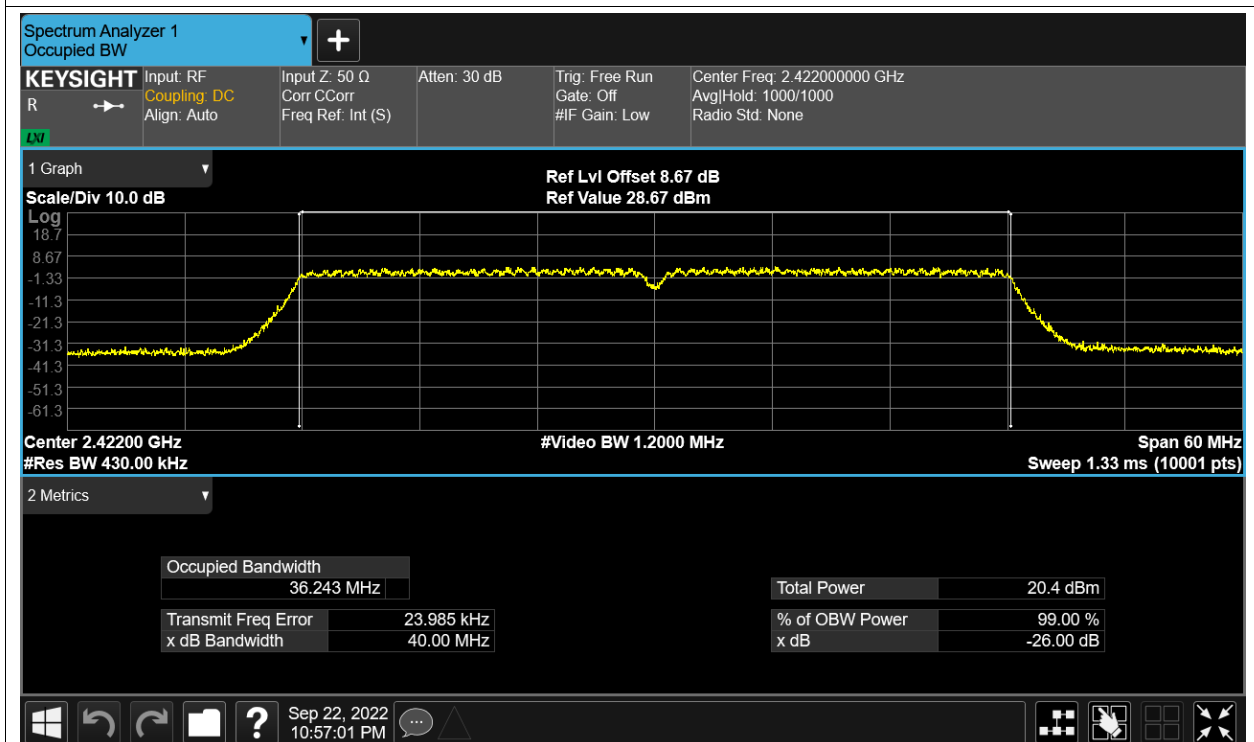
OBW NVNT n20 2462MHz Ant2



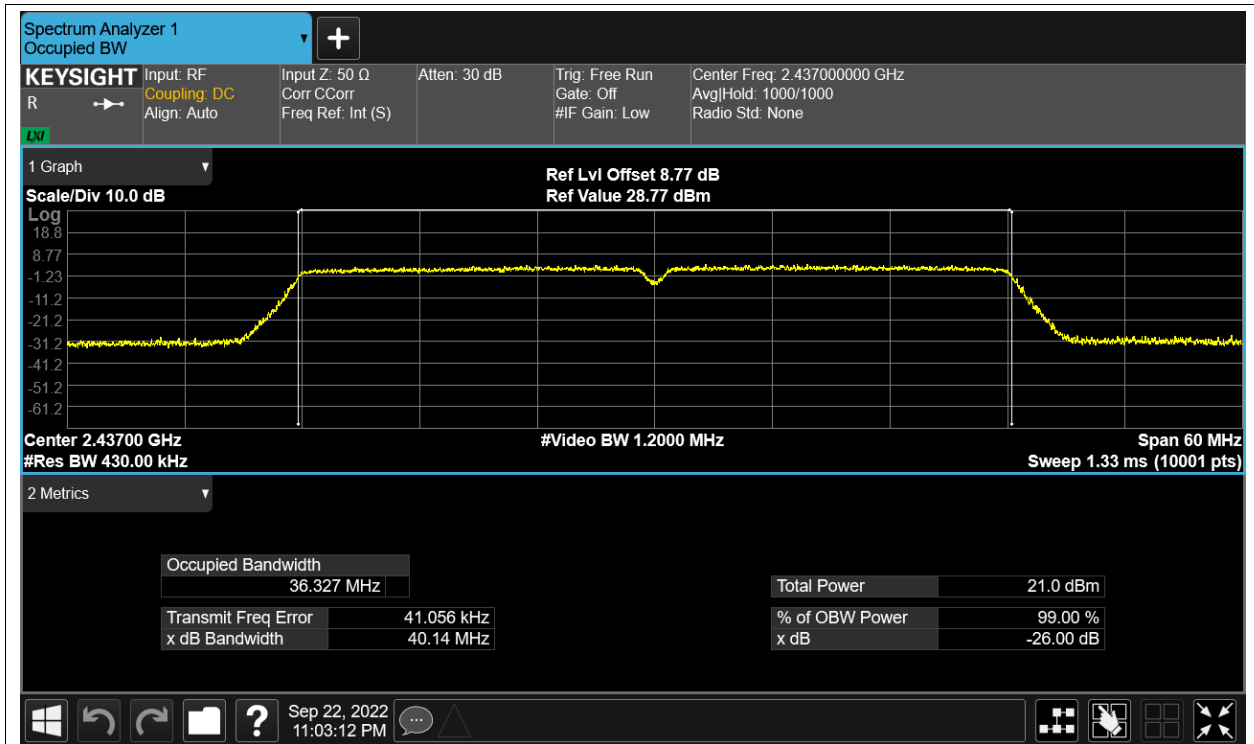
OBW NVNT n40 2422MHz Ant1



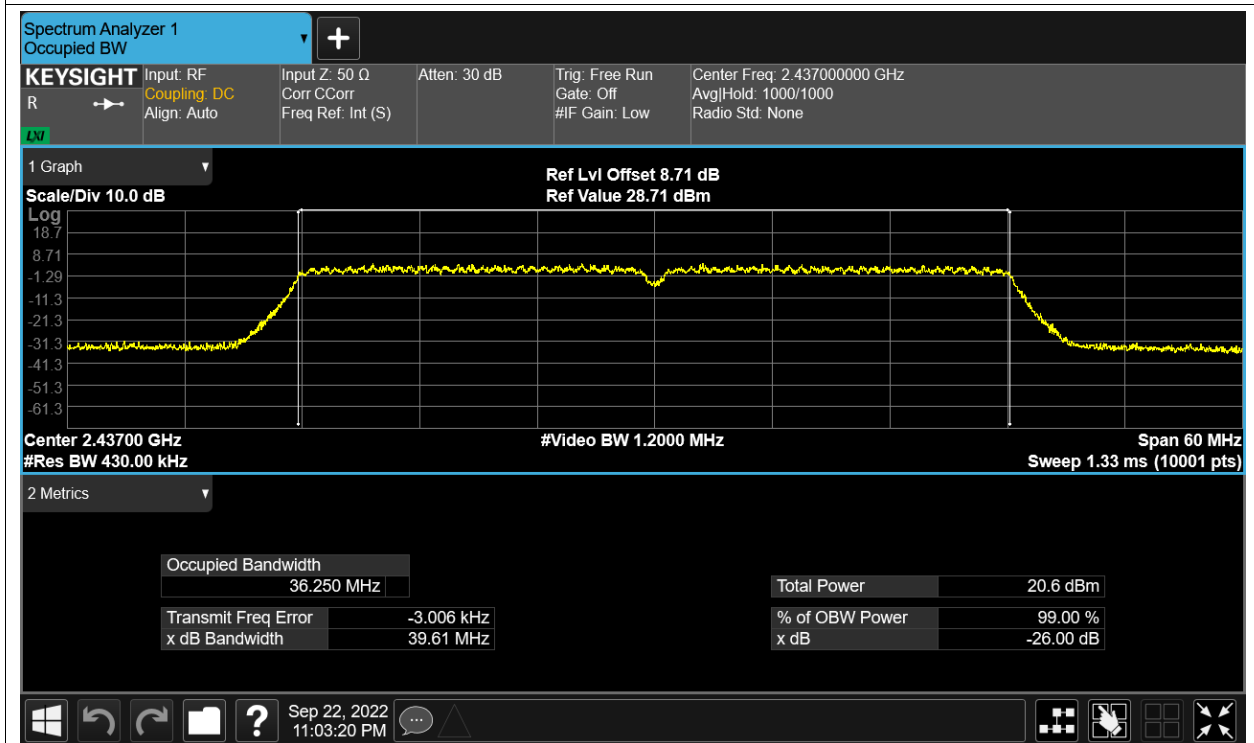
OBW NVNT n40 2422MHz Ant2



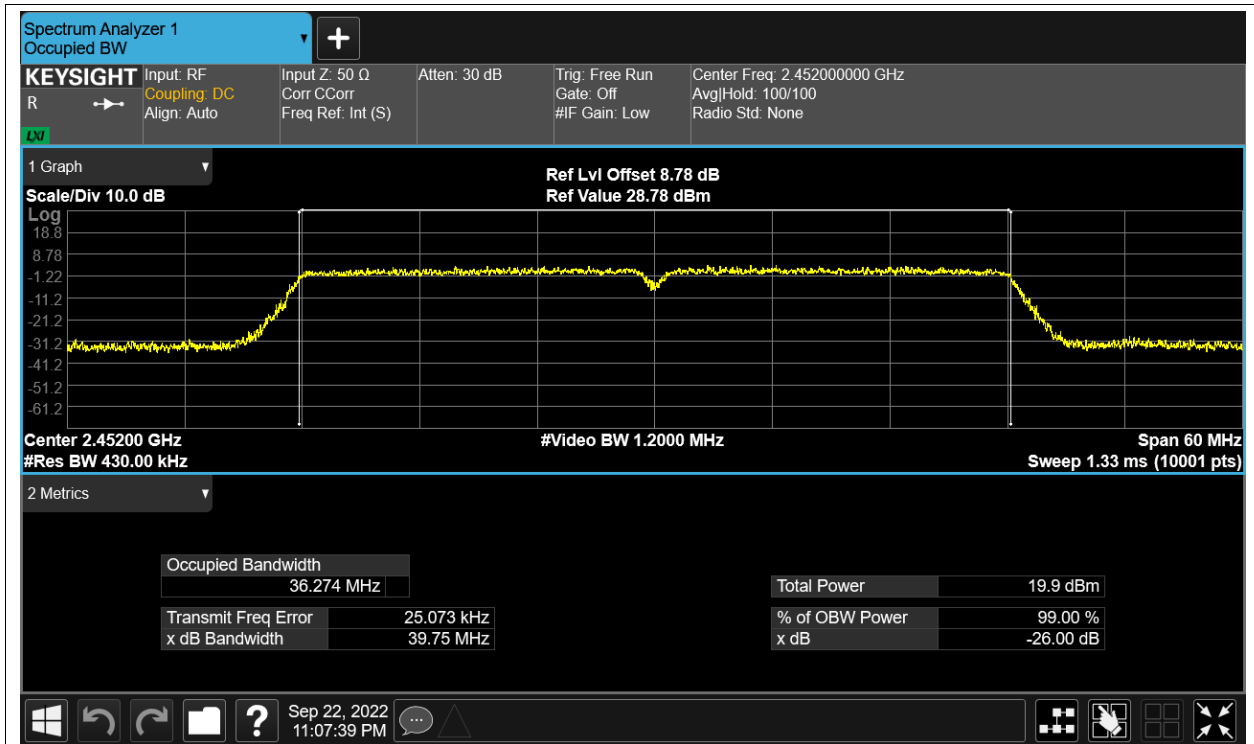
OBW NVNT n40 2437MHz Ant1



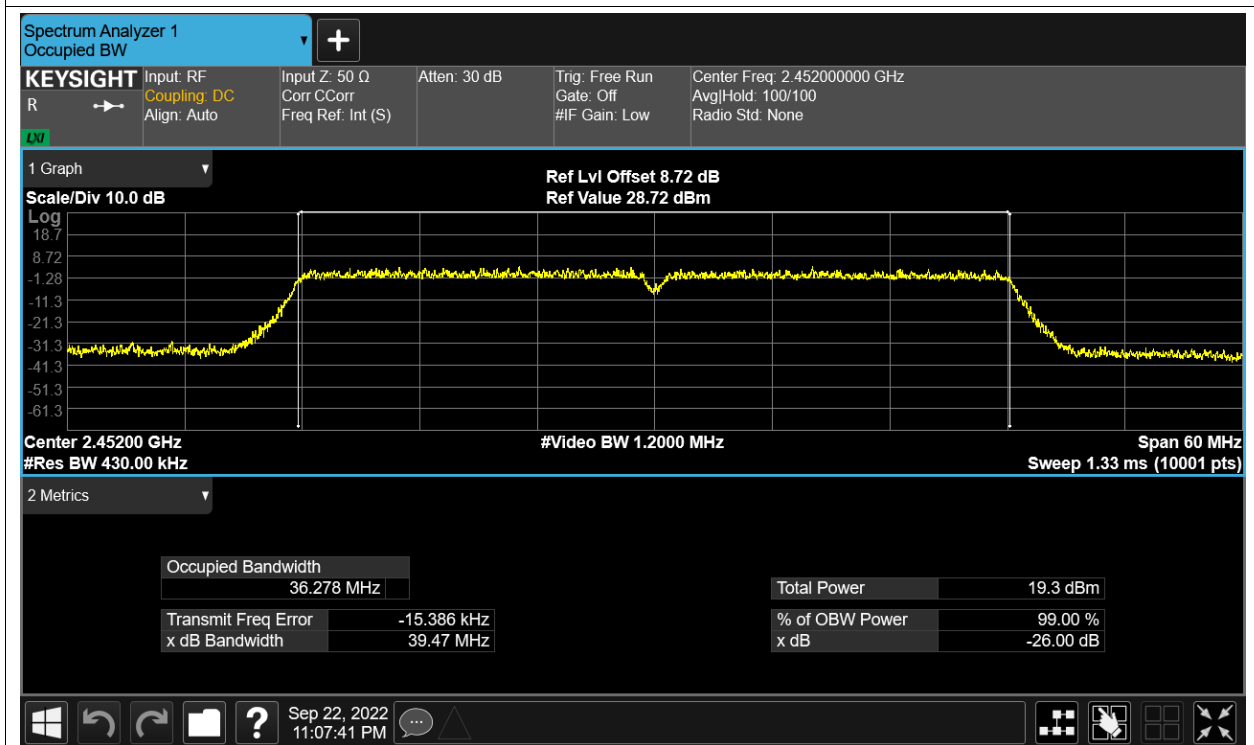
OBW NVNT n40 2437MHz Ant2



OBW NVNT n40 2452MHz Ant1



OBW NVNT n40 2452MHz Ant2

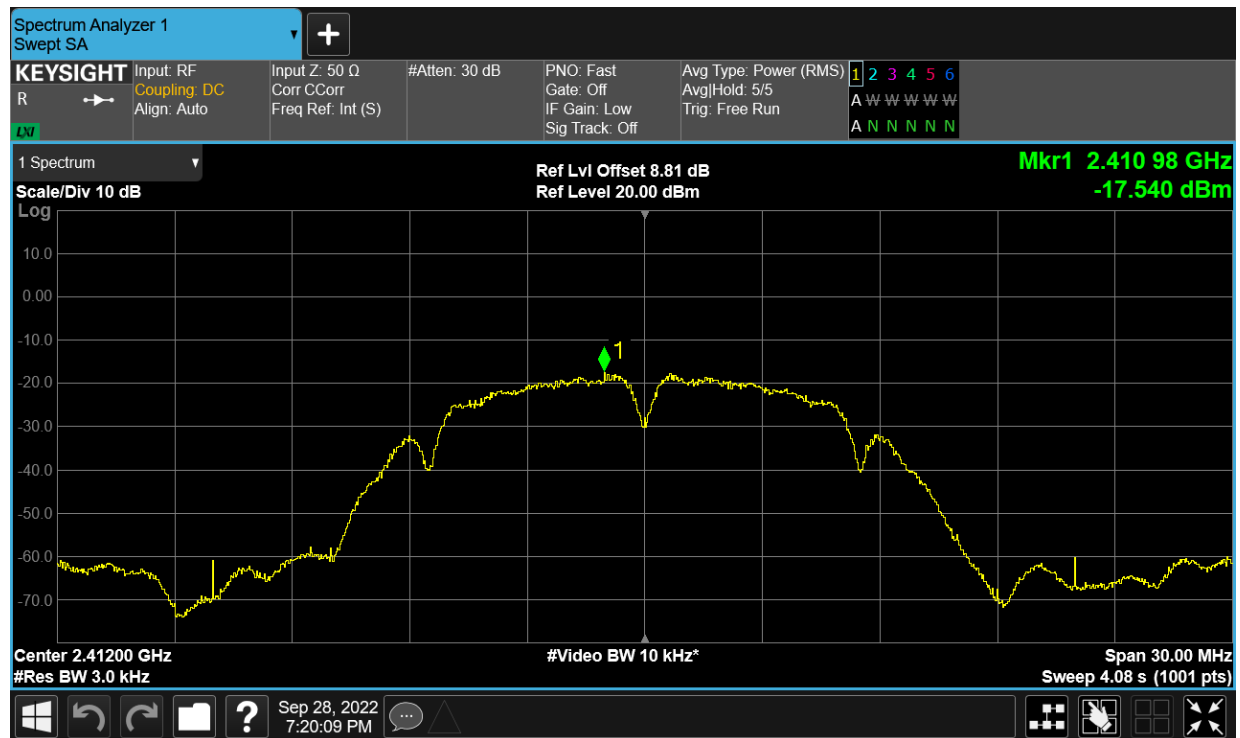


Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	-17.54	8	Pass
NVNT	b	2437	Ant1	-17.343	8	Pass
NVNT	b	2462	Ant1	-17.23	8	Pass
NVNT	b	2412	Ant2	-17.541	8	Pass
NVNT	b	2437	Ant2	-17.53	8	Pass
NVNT	b	2462	Ant2	-17.667	8	Pass
NVNT	g	2412	Ant1	-19.226	8	Pass
NVNT	g	2437	Ant1	-18.944	8	Pass
NVNT	g	2462	Ant1	-18.787	8	Pass
NVNT	g	2412	Ant2	-20.973	8	Pass
NVNT	g	2437	Ant2	-19.249	8	Pass
NVNT	g	2462	Ant2	-19.726	8	Pass
NVNT	n20	2412	Ant1	-20.02	8	Pass
NVNT	n20	2412	Ant2	-21.29	8	Pass
NVNT	n20	2412	Sum	-17.598	8	Pass
NVNT	n20	2437	Ant1	-19.661	8	Pass
NVNT	n20	2437	Ant2	-21.906	8	Pass
NVNT	n20	2437	Sum	-17.63	8	Pass
NVNT	n20	2462	Ant1	-20.594	8	Pass
NVNT	n20	2462	Ant2	-21.559	8	Pass
NVNT	n20	2462	Sum	-18.039	8	Pass
NVNT	n40	2422	Ant1	-23.395	8	Pass
NVNT	n40	2422	Ant2	-25.22	8	Pass
NVNT	n40	2422	Sum	-21.202	8	Pass
NVNT	n40	2437	Ant1	-23.598	8	Pass
NVNT	n40	2437	Ant2	-25.038	8	Pass
NVNT	n40	2437	Sum	-21.248	8	Pass
NVNT	n40	2452	Ant1	-23.671	8	Pass
NVNT	n40	2452	Ant2	-24.711	8	Pass
NVNT	n40	2452	Sum	-21.15	8	Pass

Test Graphs

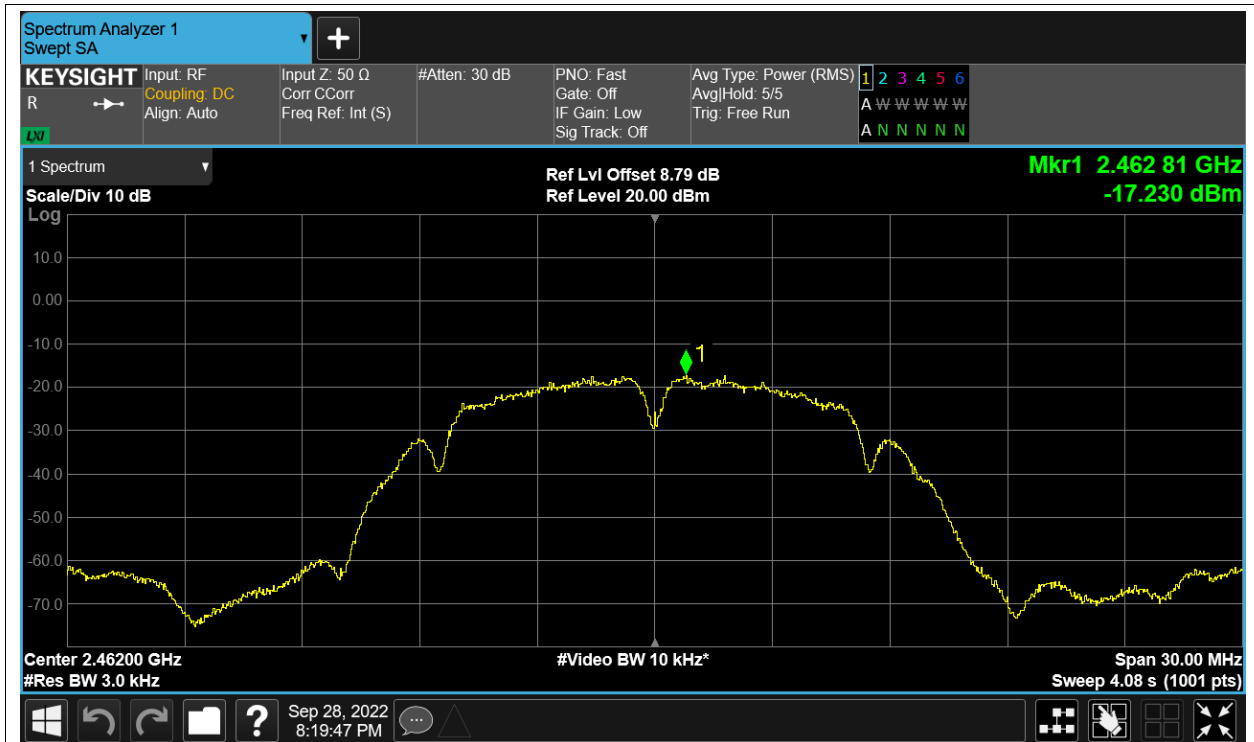
PSD NVNT b 2412MHz Ant1



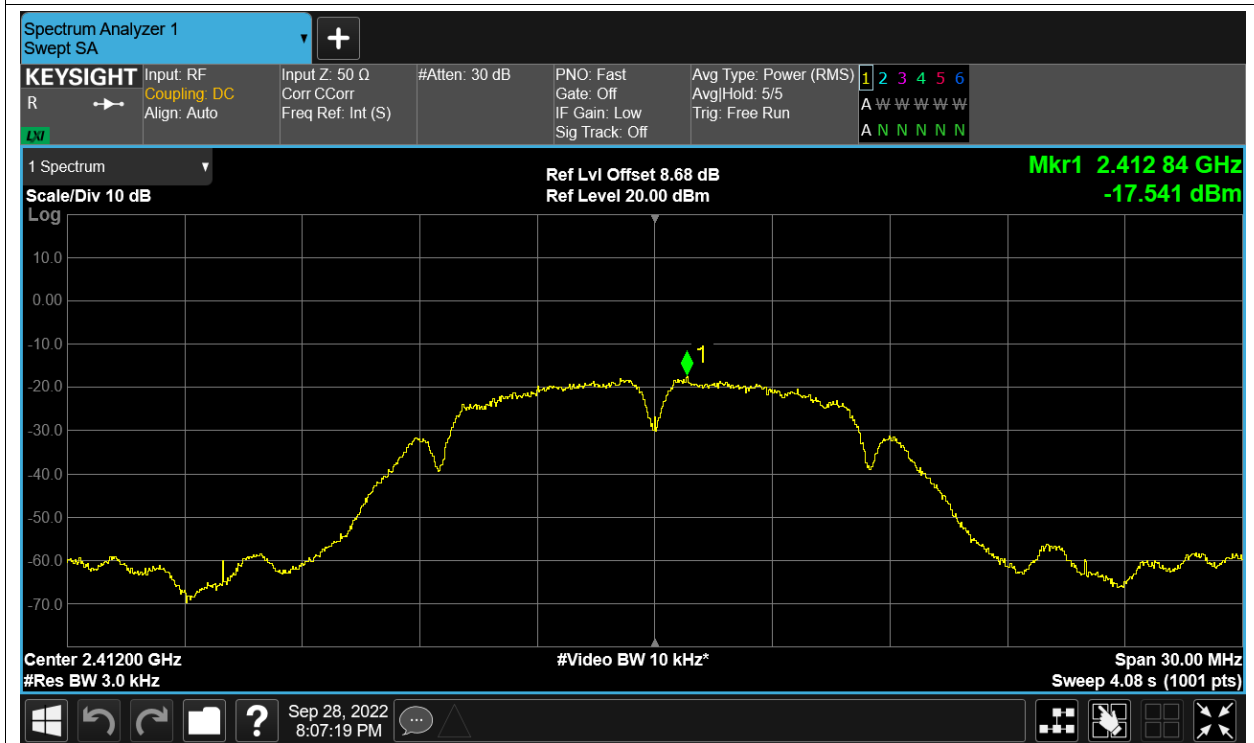
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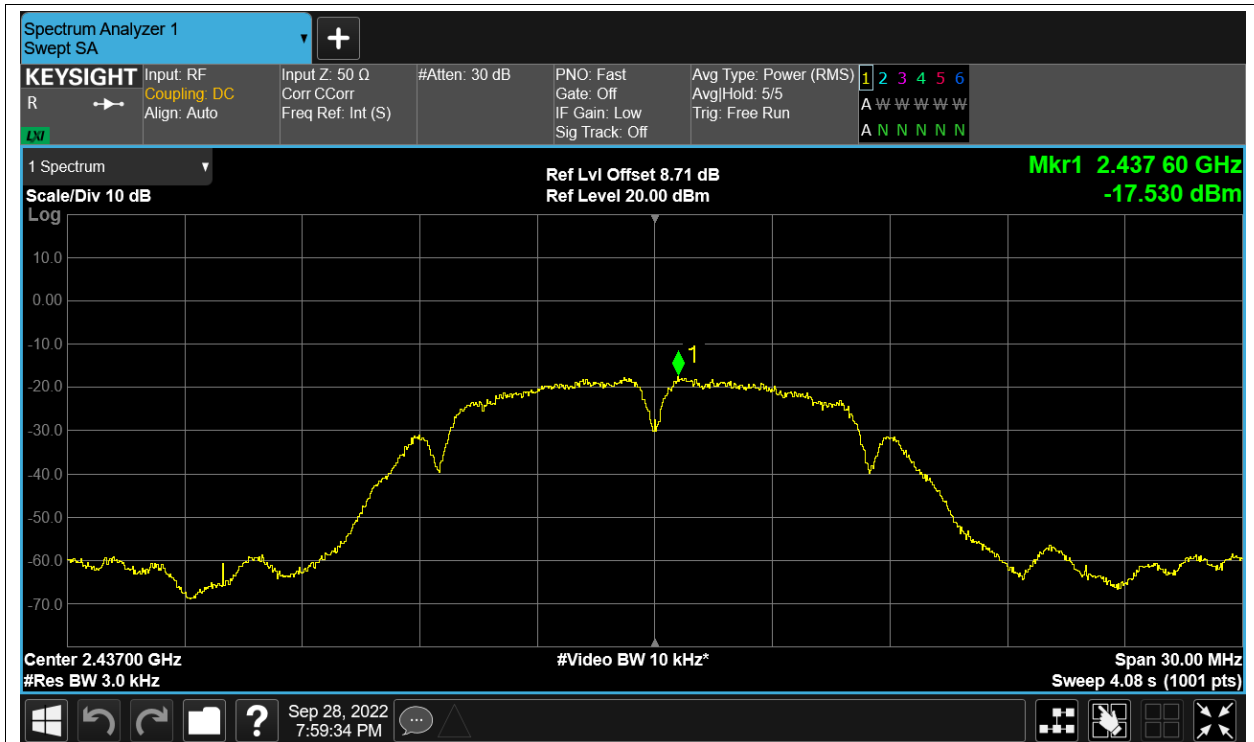
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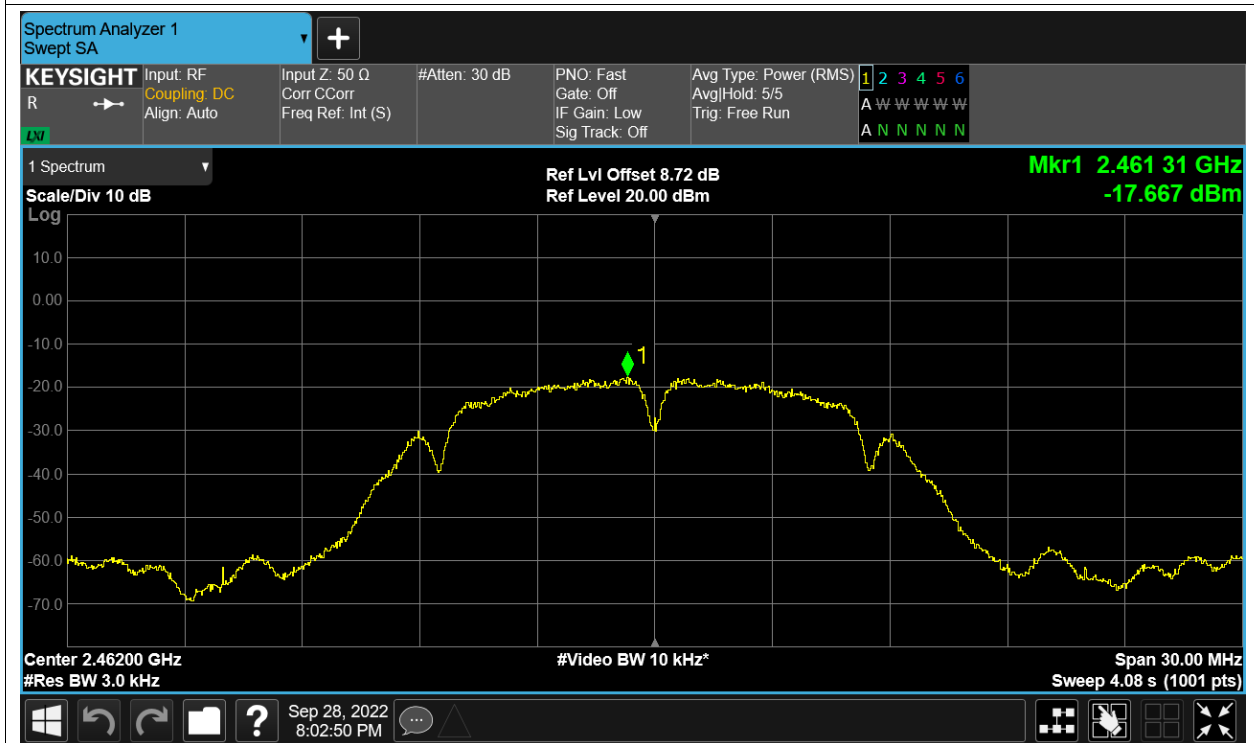
PSD NVNT b 2412MHz Ant2



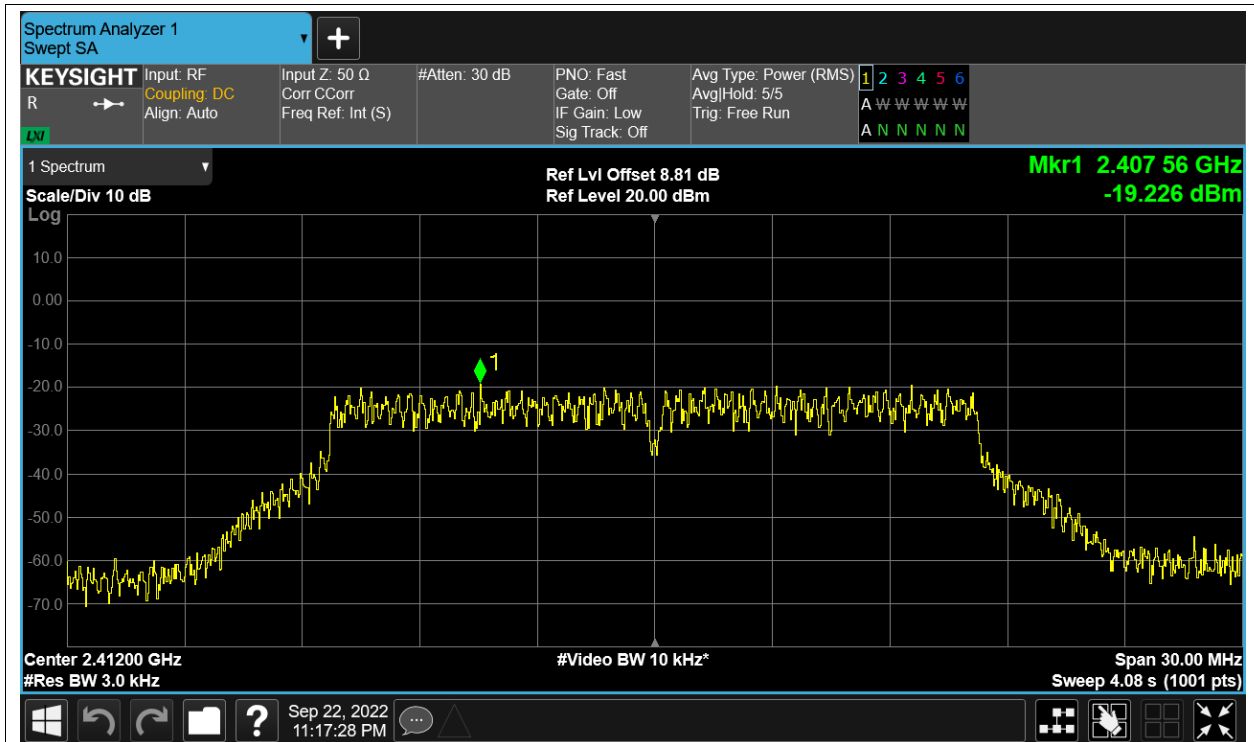
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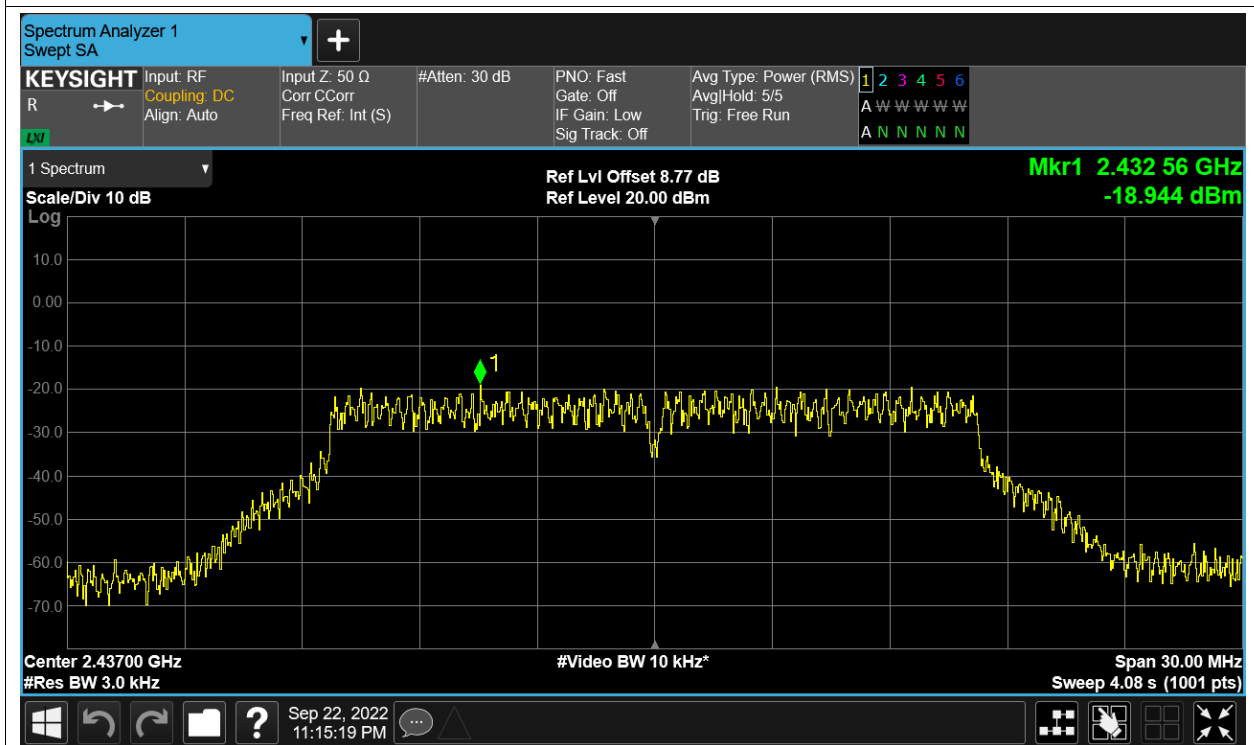
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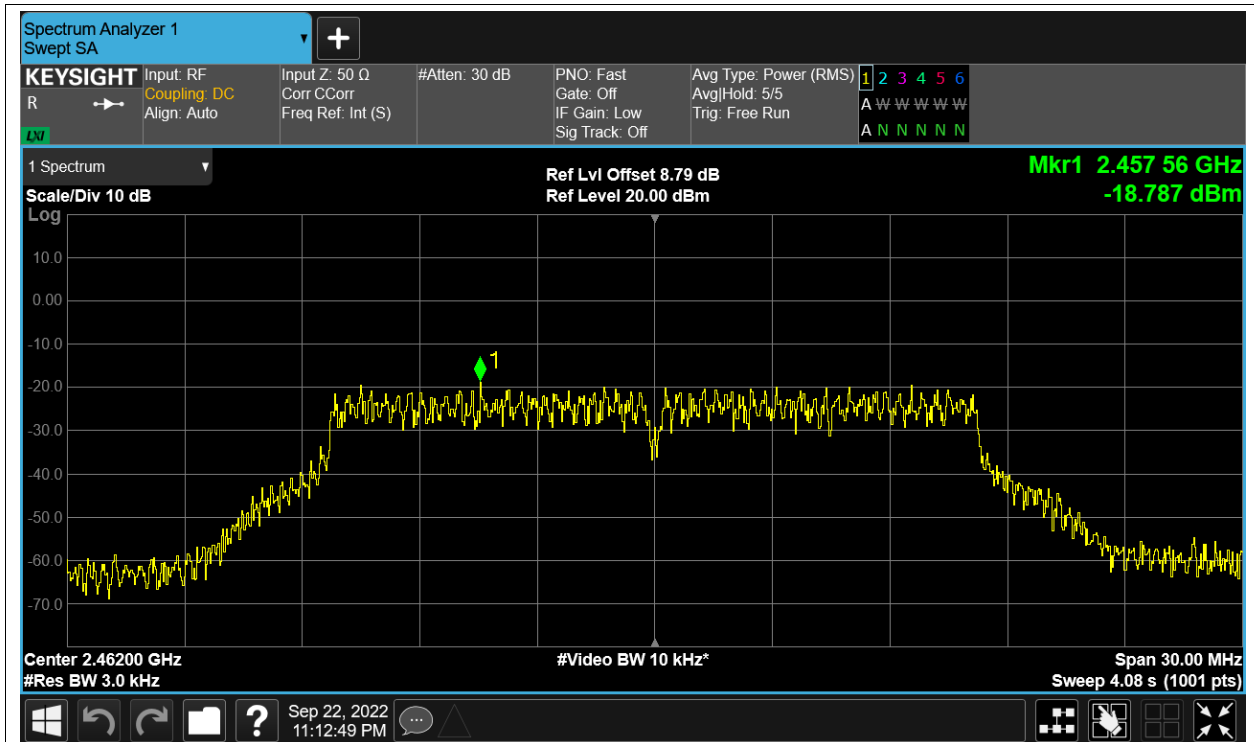
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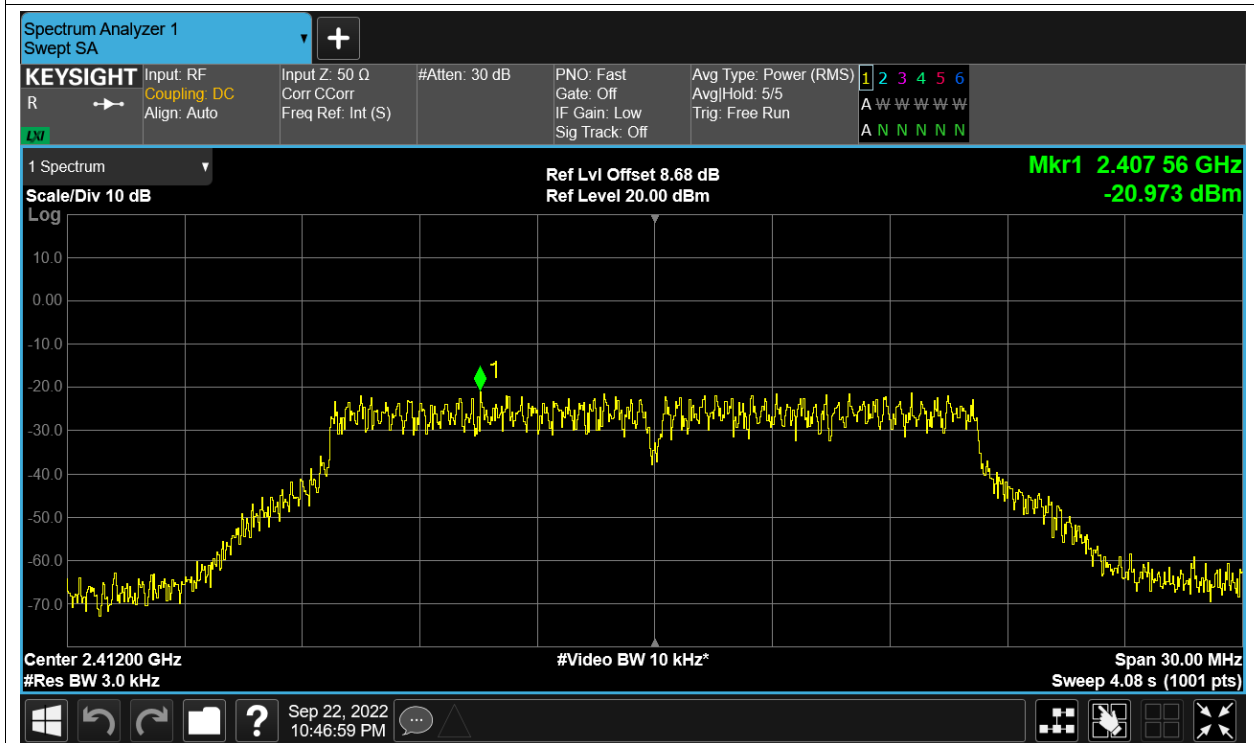
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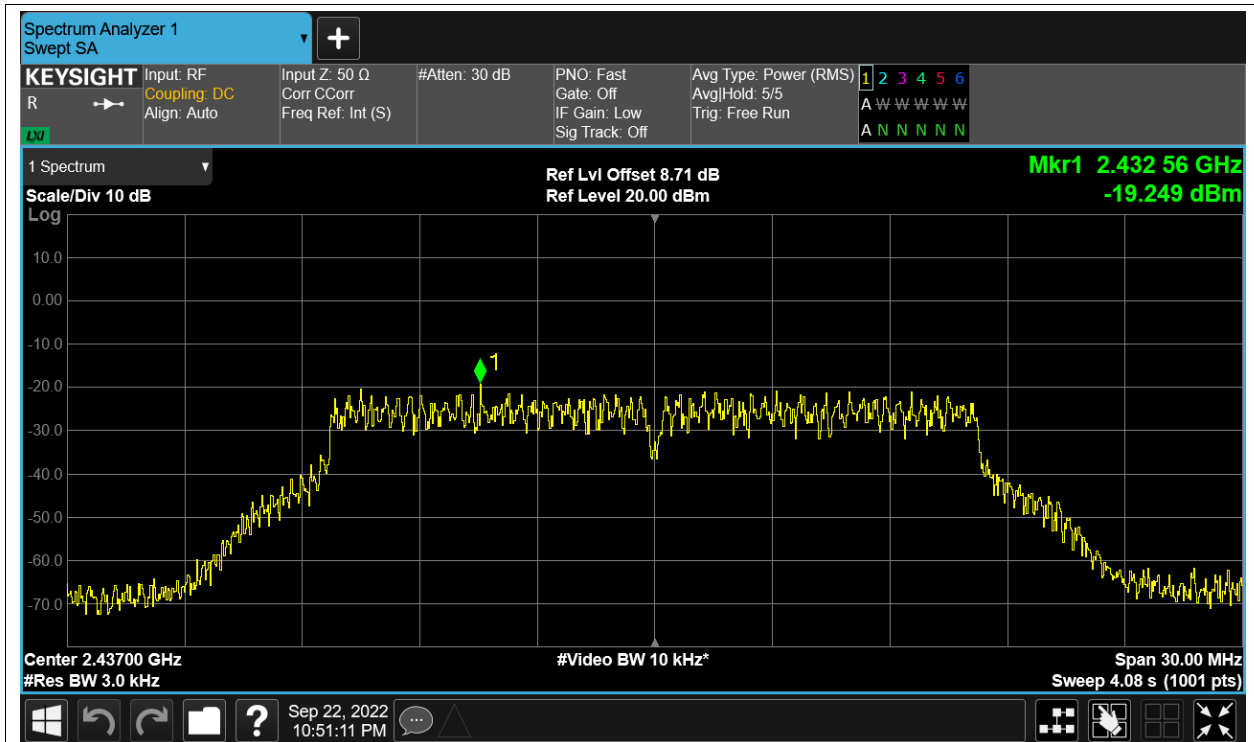
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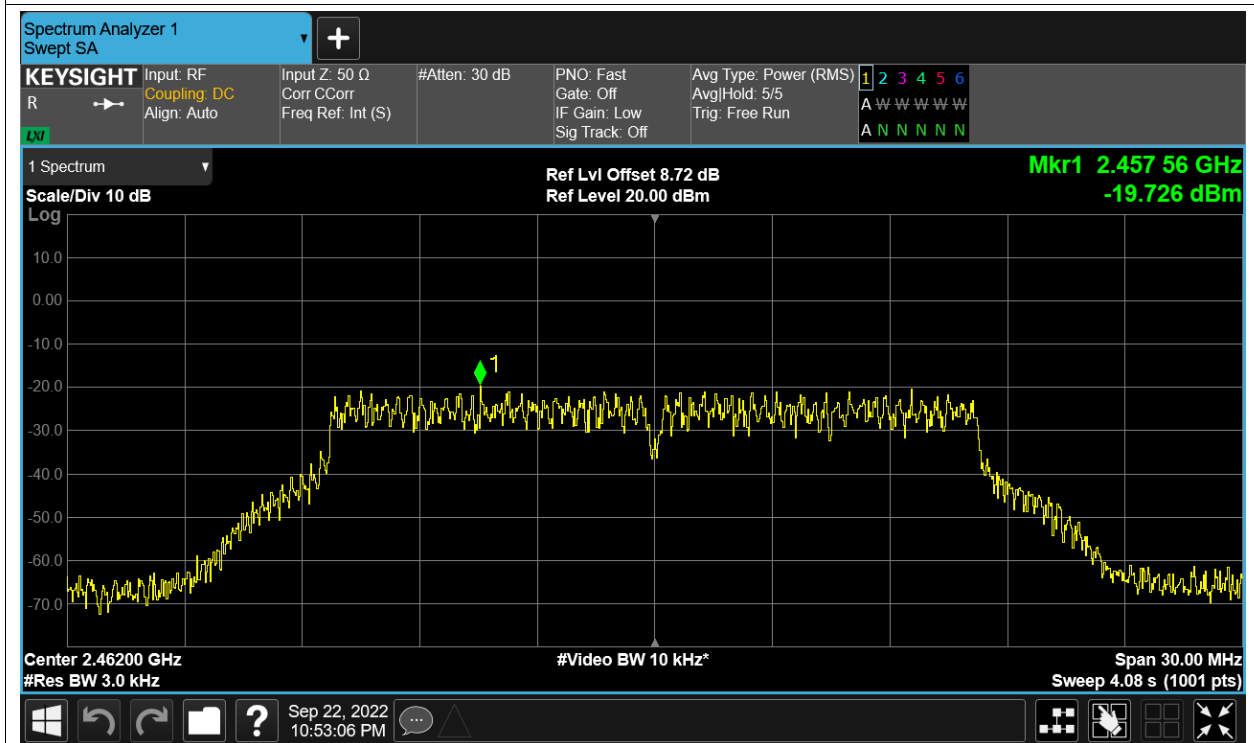
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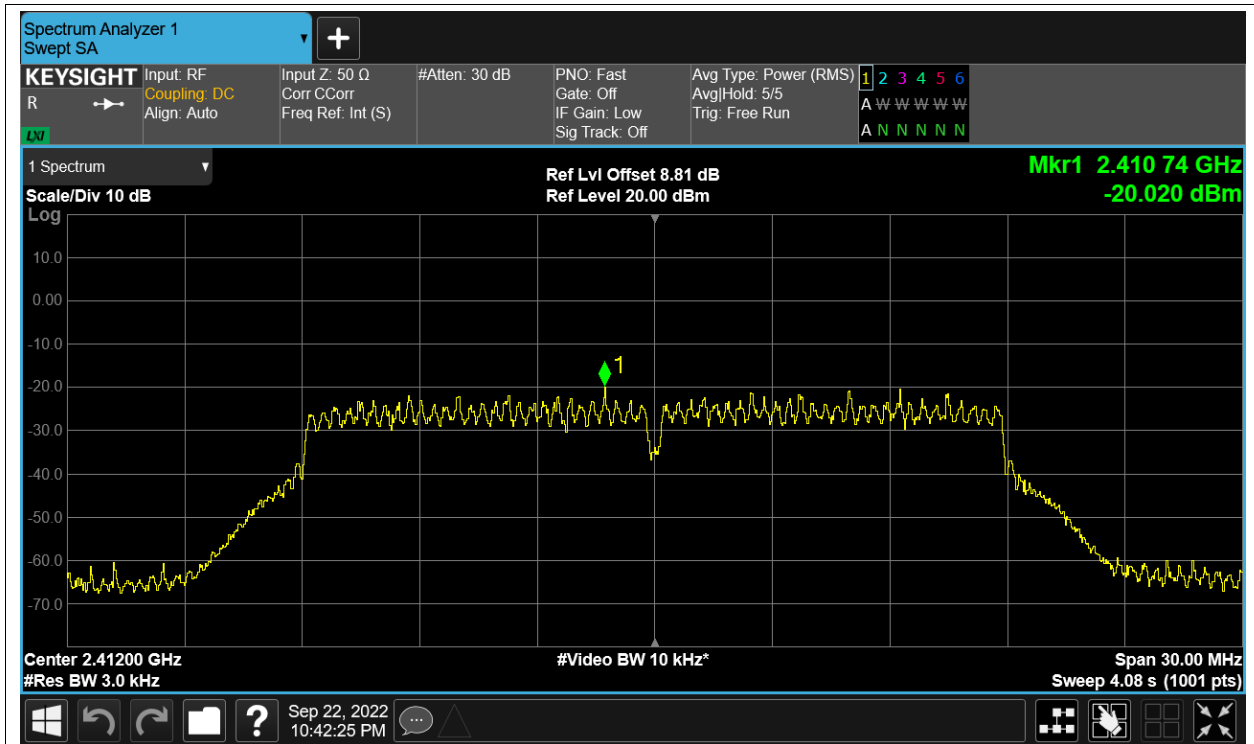
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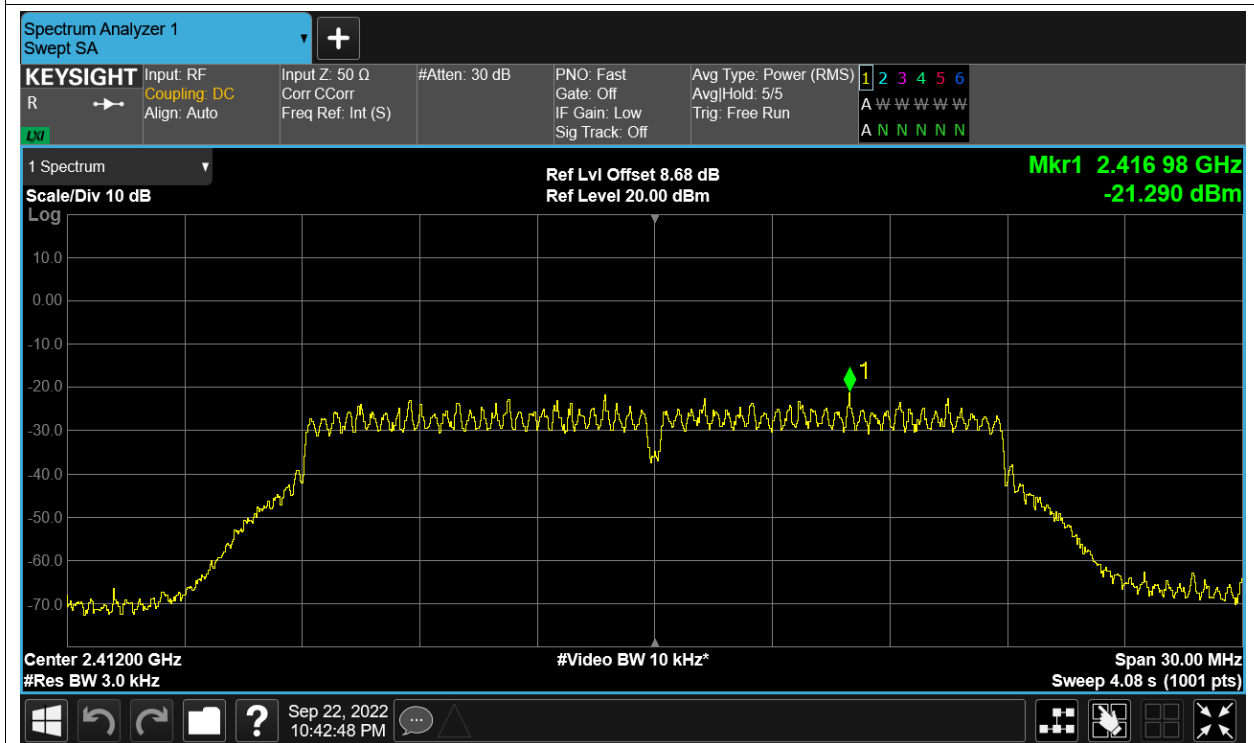
PSD NVNT g 2462MHz Ant2



PSD NVNT n20 2412MHz Ant1



PSD NVNT n20 2412MHz Ant2



PSD NVNT n20 2437MHz Ant1