

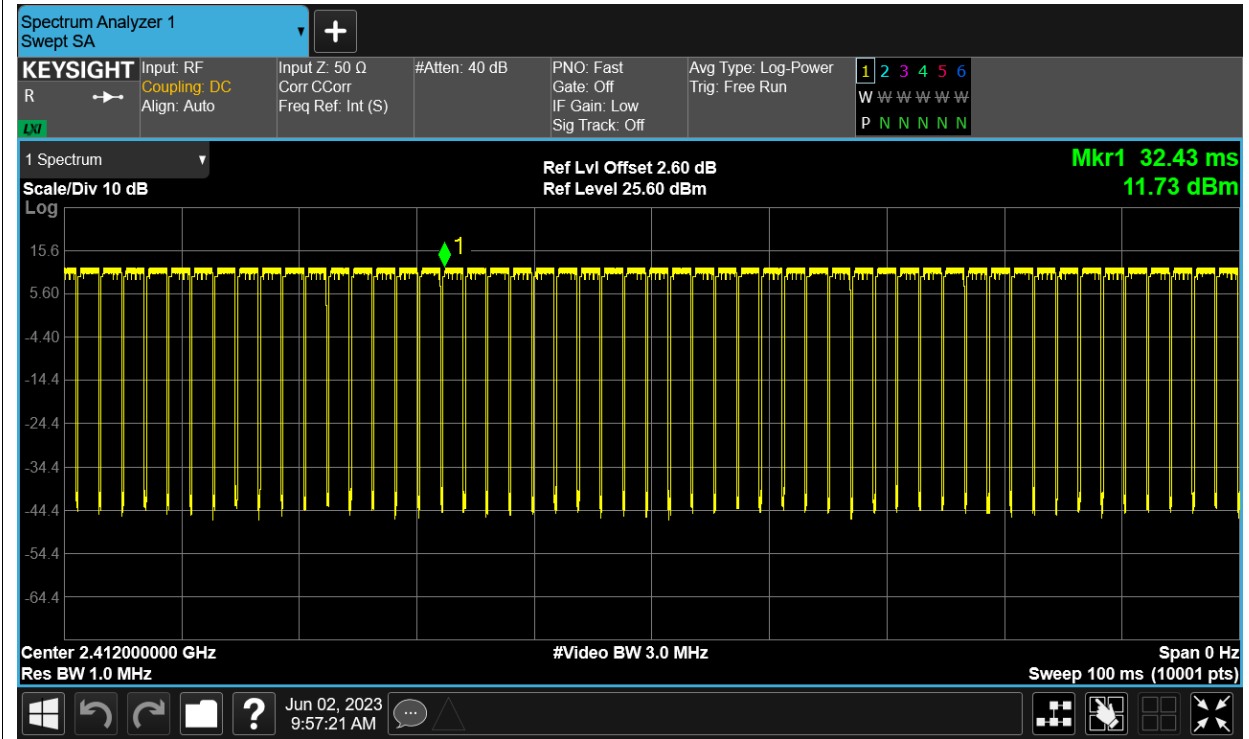
Test Data

Duty Cycle

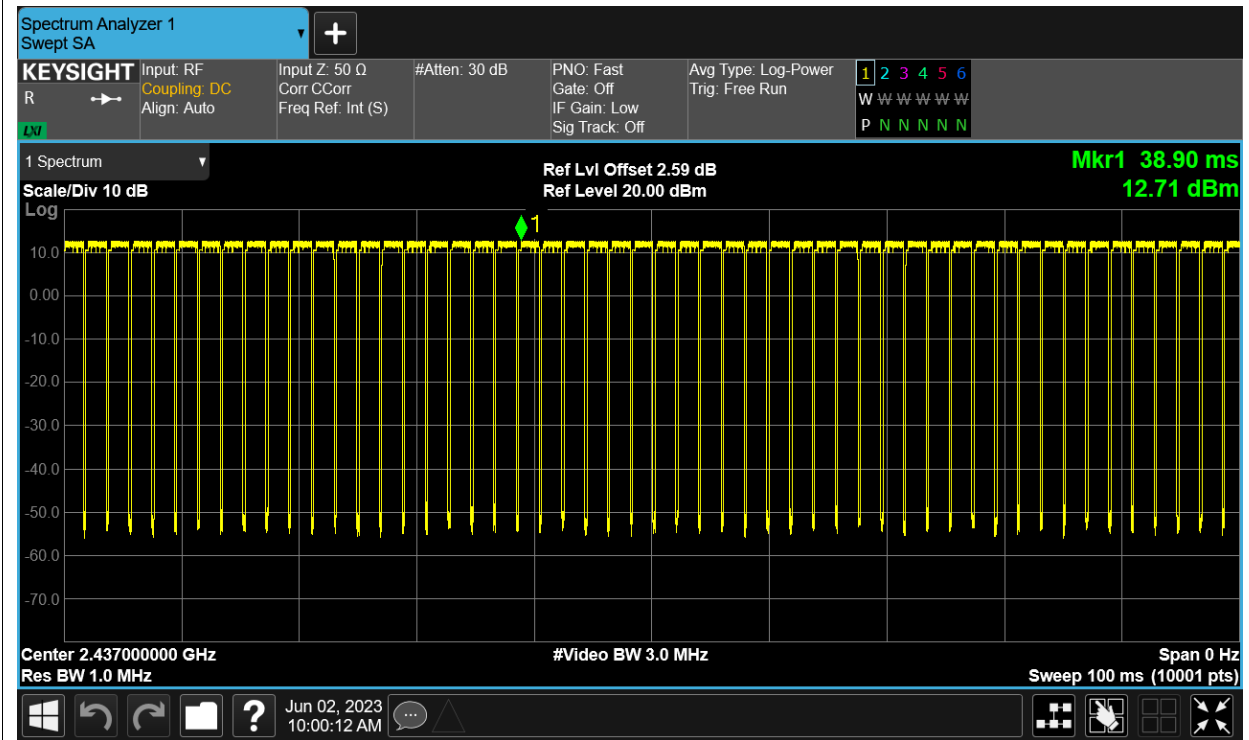
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	b	2412	Ant1	90.51	0.43
NVNT	b	2437	Ant1	90.31	0.44
NVNT	b	2462	Ant1	90.59	0.43
NVNT	b	2412	Ant2	90.11	0.45
NVNT	b	2437	Ant2	90.11	0.45
NVNT	b	2462	Ant2	90.18	0.45
NVNT	g	2412	Ant1	79.62	0.99
NVNT	g	2437	Ant1	79.59	0.99
NVNT	g	2462	Ant1	79.51	1
NVNT	g	2412	Ant2	79.52	1
NVNT	g	2437	Ant2	79.62	0.99
NVNT	g	2462	Ant2	79.56	0.99
NVNT	n20	2412	Sum	71.84	1.44
NVNT	n20	2437	Sum	71.83	1.44
NVNT	n20	2462	Sum	66.32	1.78
NVNT	n40	2422	Sum	52.12	2.83
NVNT	n40	2437	Sum	52.15	2.83
NVNT	n40	2452	Sum	52.18	2.82

Test Graphs

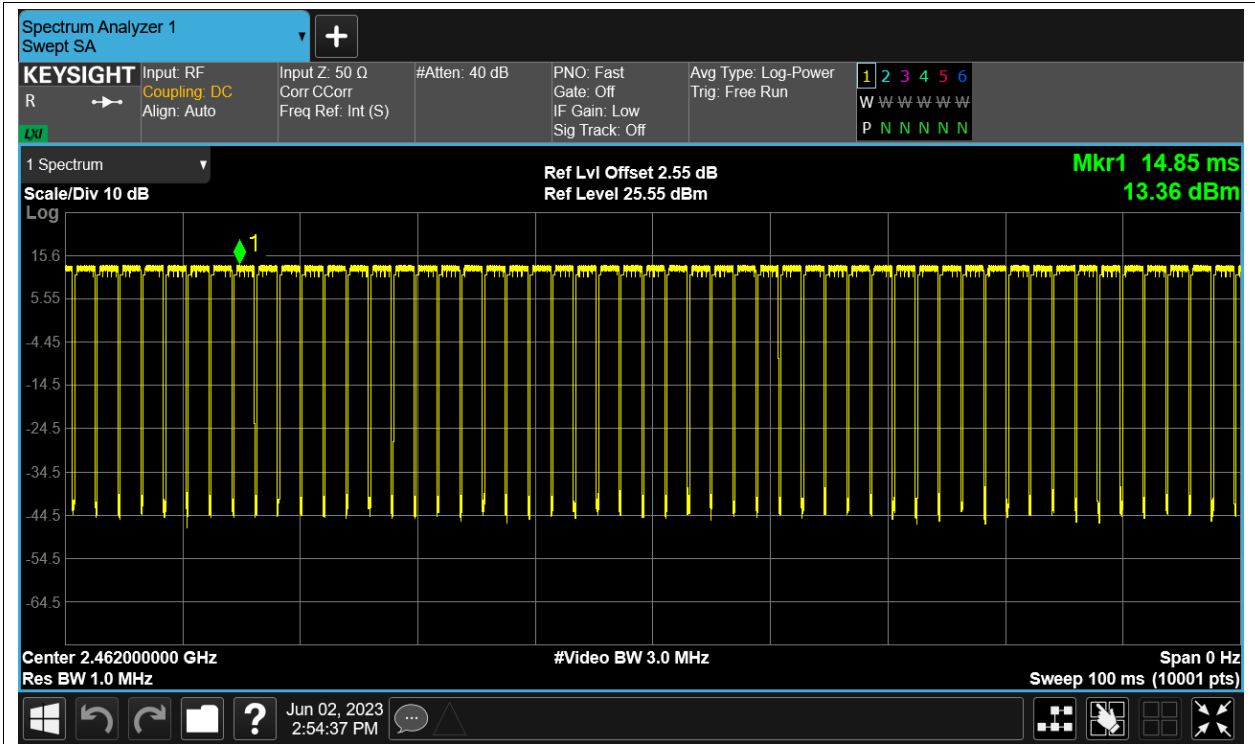
Duty Cycle NVNT b 2412MHz Ant1



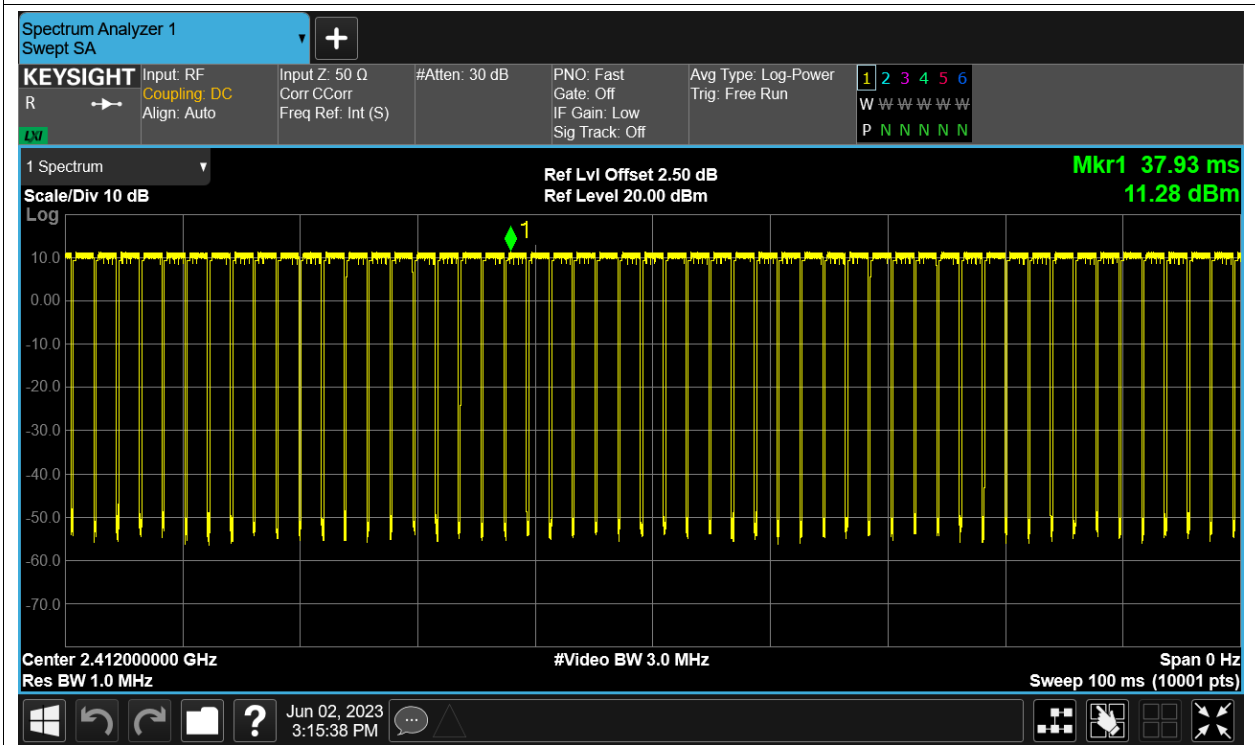
Duty Cycle NVNT b 2437MHz Ant1



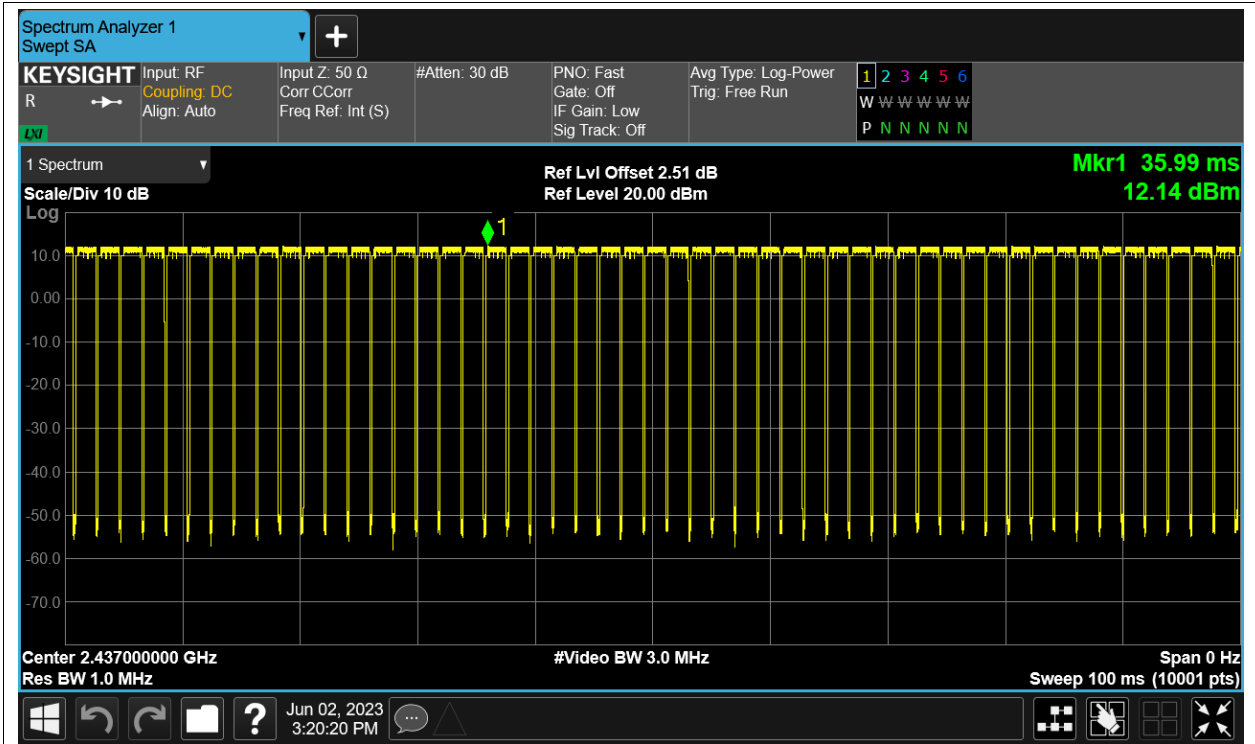
Duty Cycle NVNT b 2462MHz Ant1



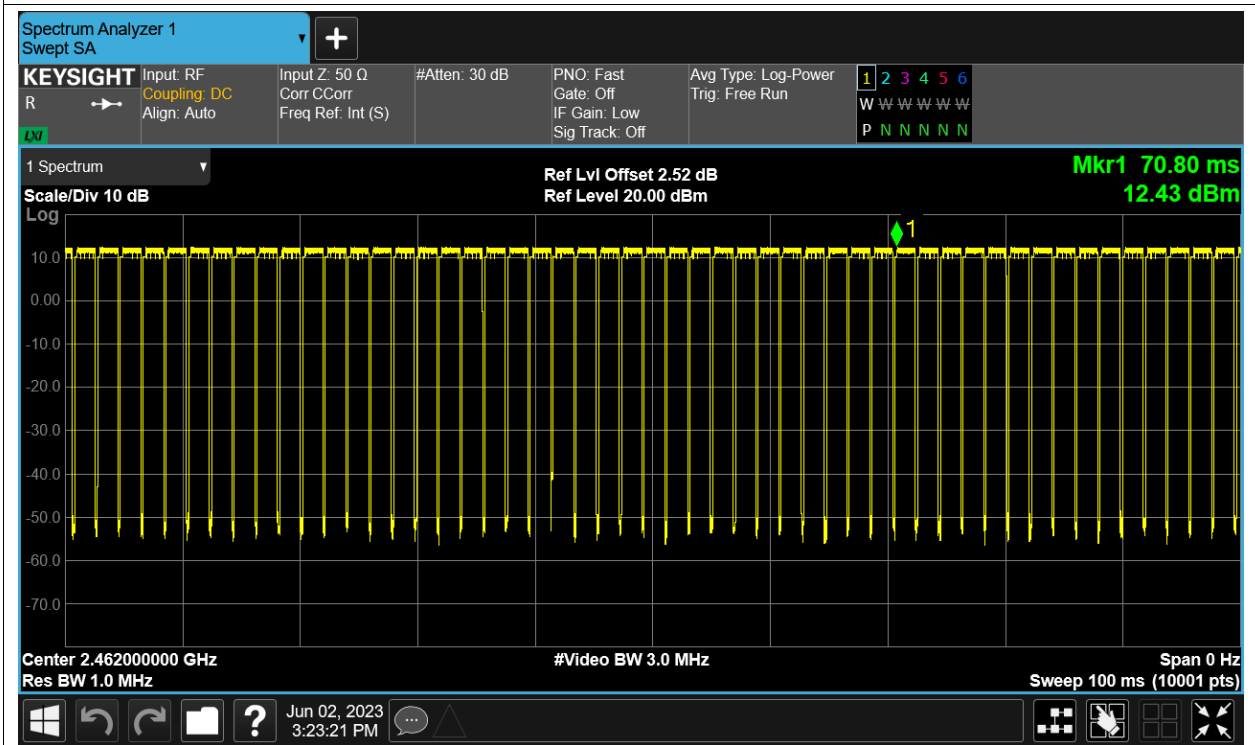
Duty Cycle NVNT b 2412MHz Ant2



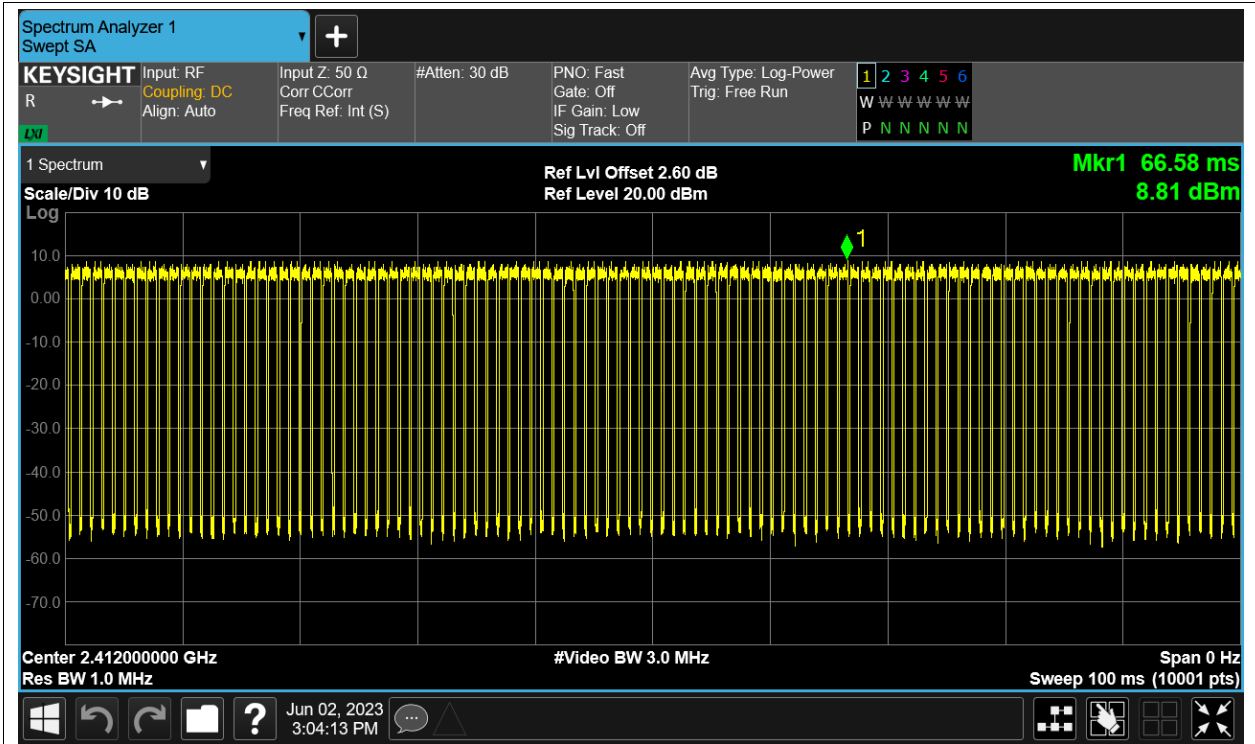
Duty Cycle NVNT b 2437MHz Ant2



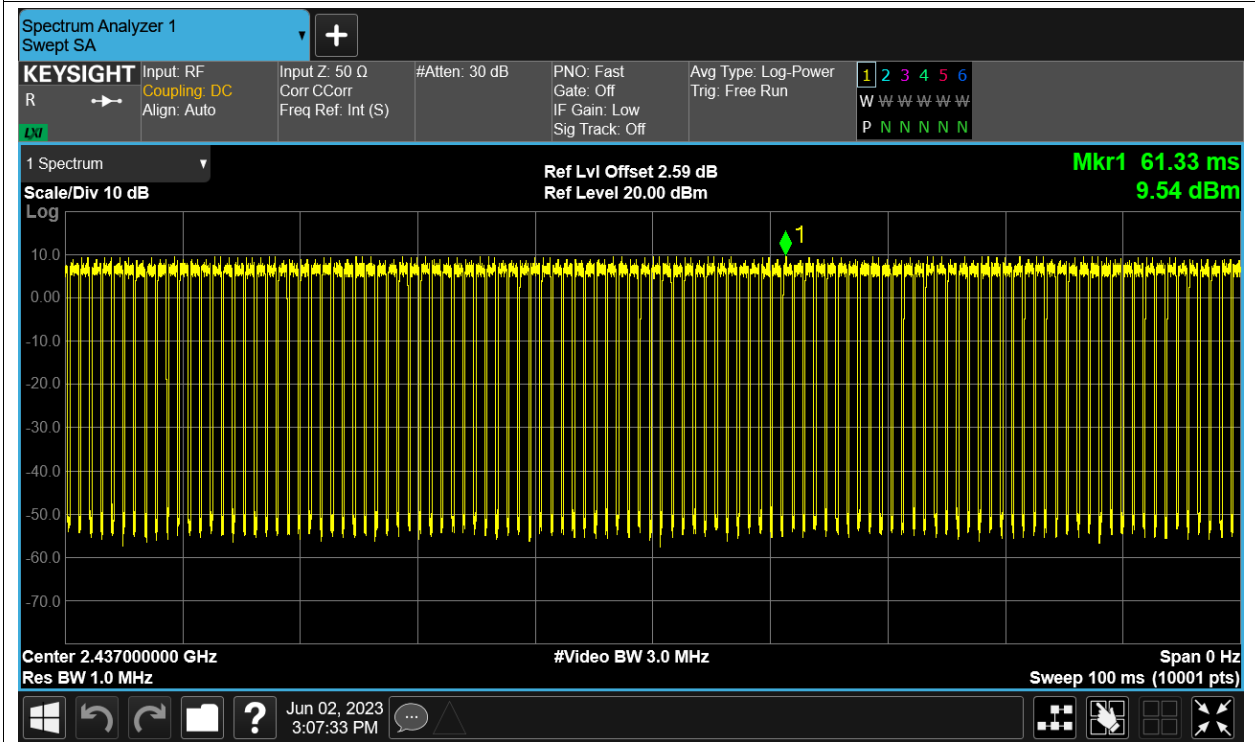
Duty Cycle NVNT b 2462MHz Ant2



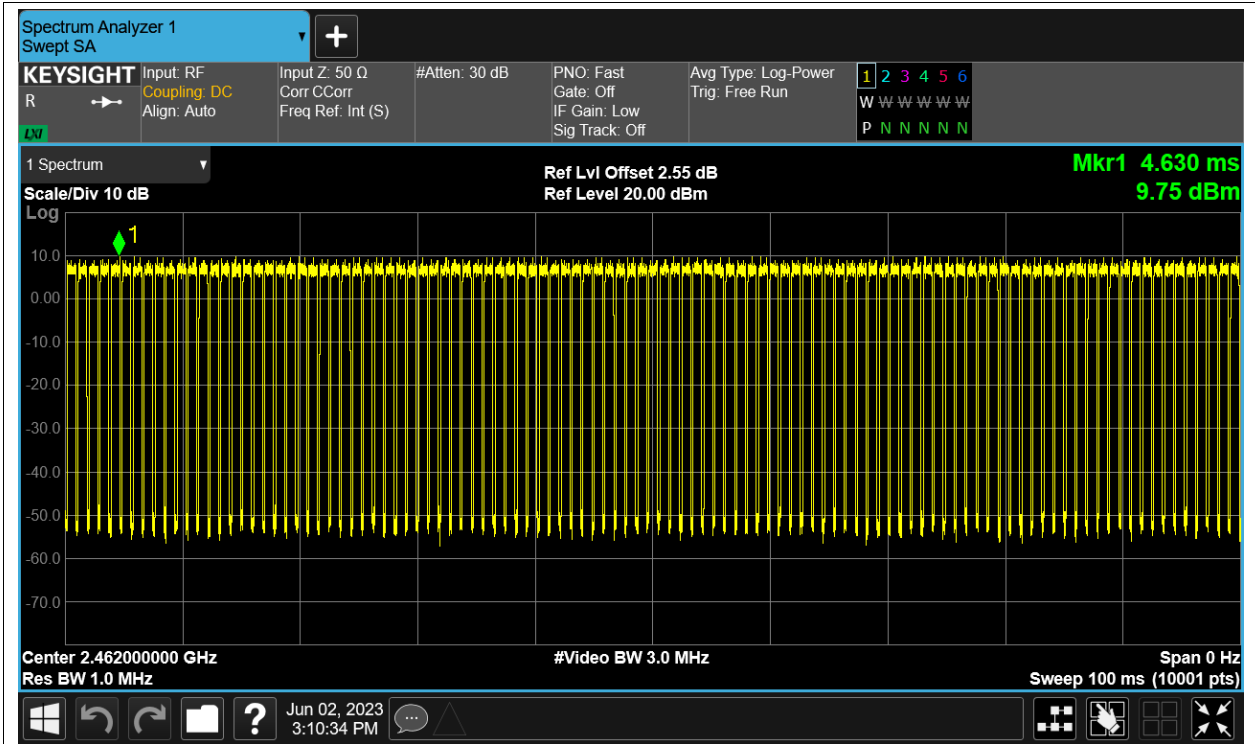
Duty Cycle NVNT g 2412MHz Ant1



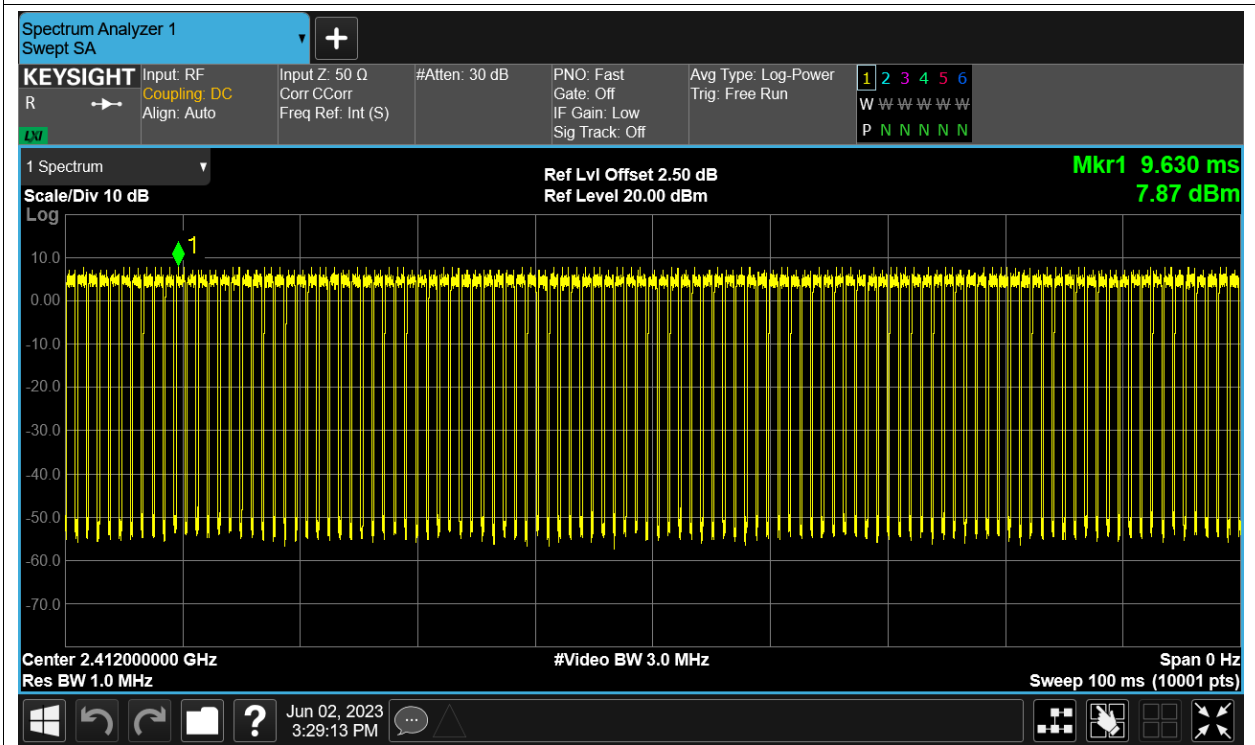
Duty Cycle NVNT g 2437MHz Ant1



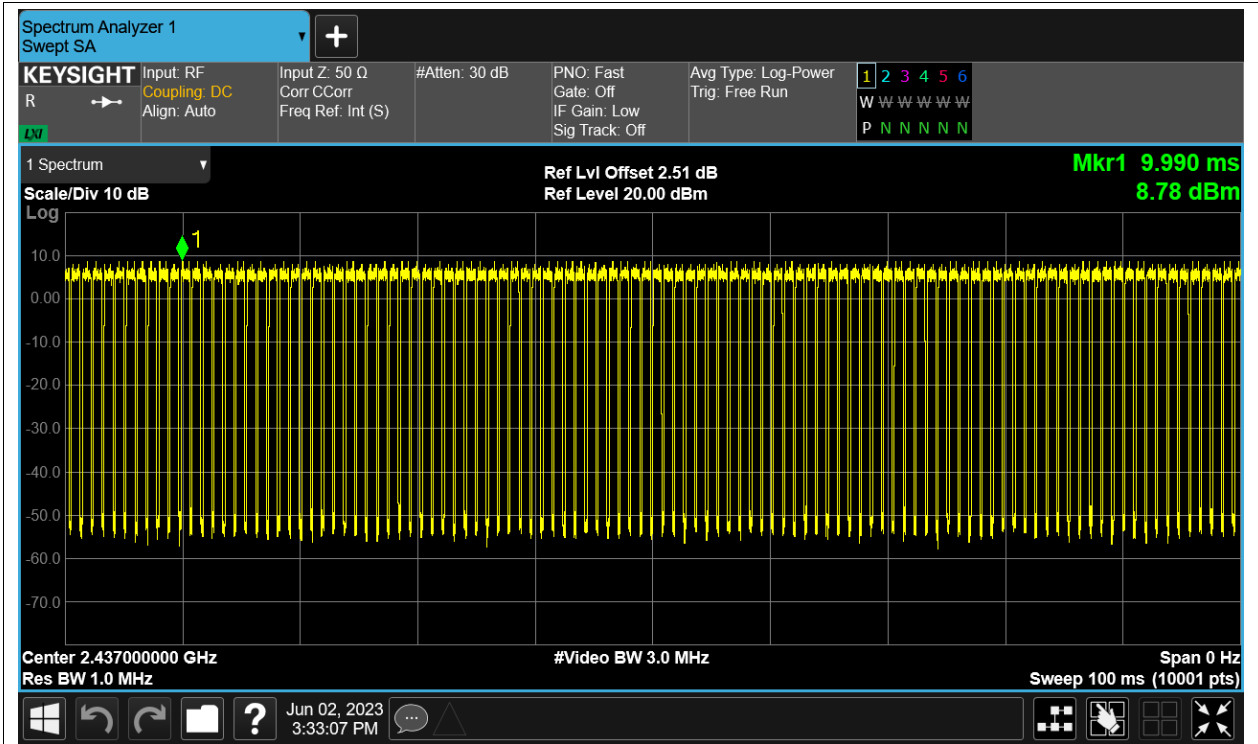
Duty Cycle NVNT g 2462MHz Ant1



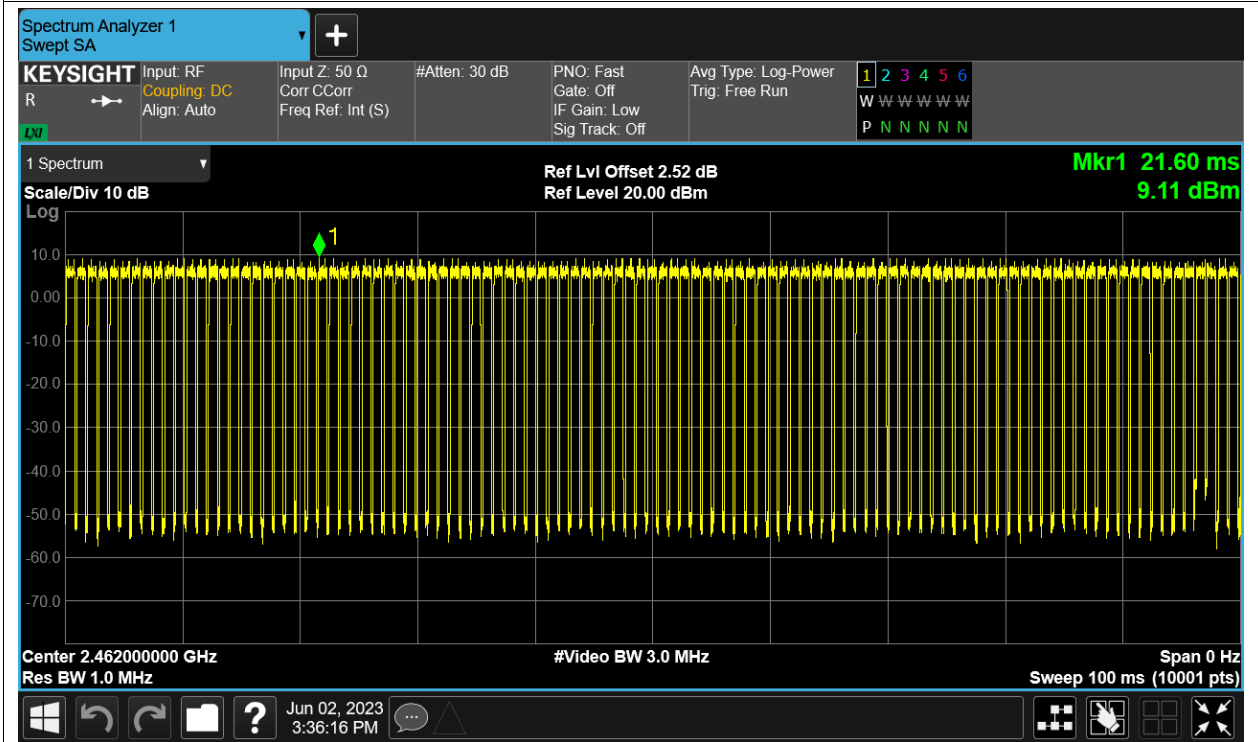
Duty Cycle NVNT g 2412MHz Ant2



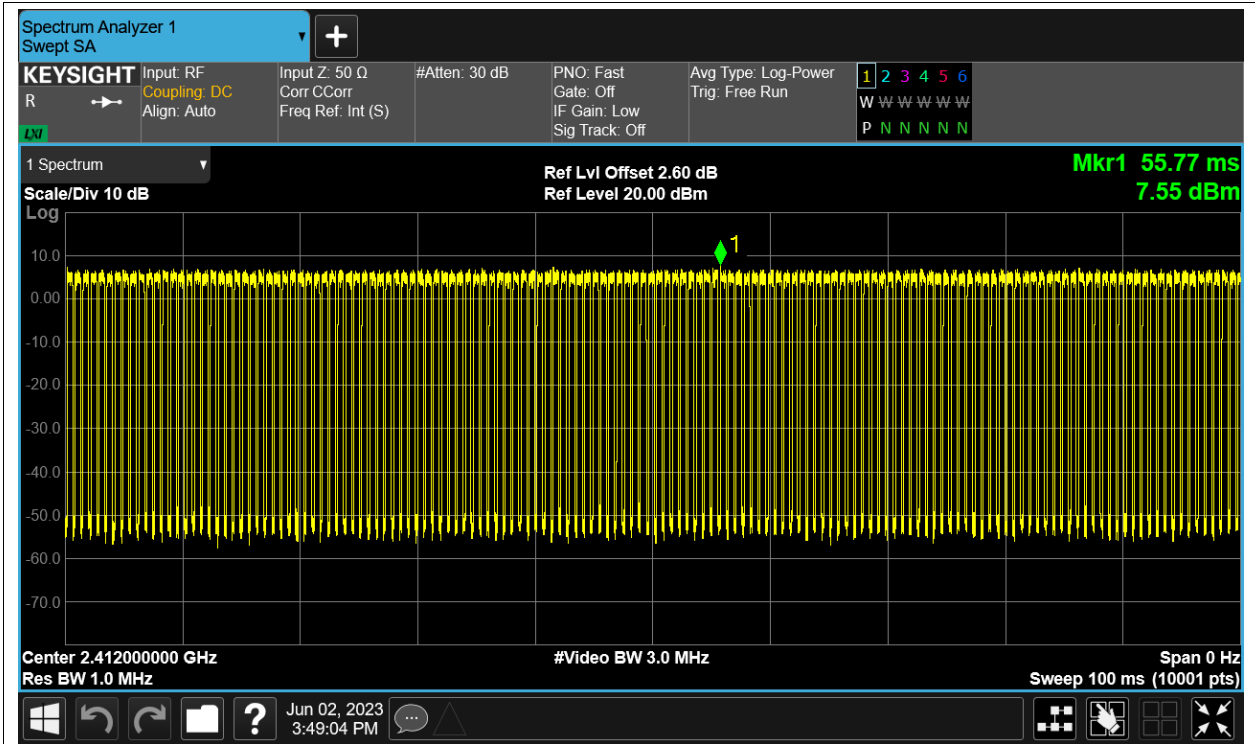
Duty Cycle NVNT g 2437MHz Ant2



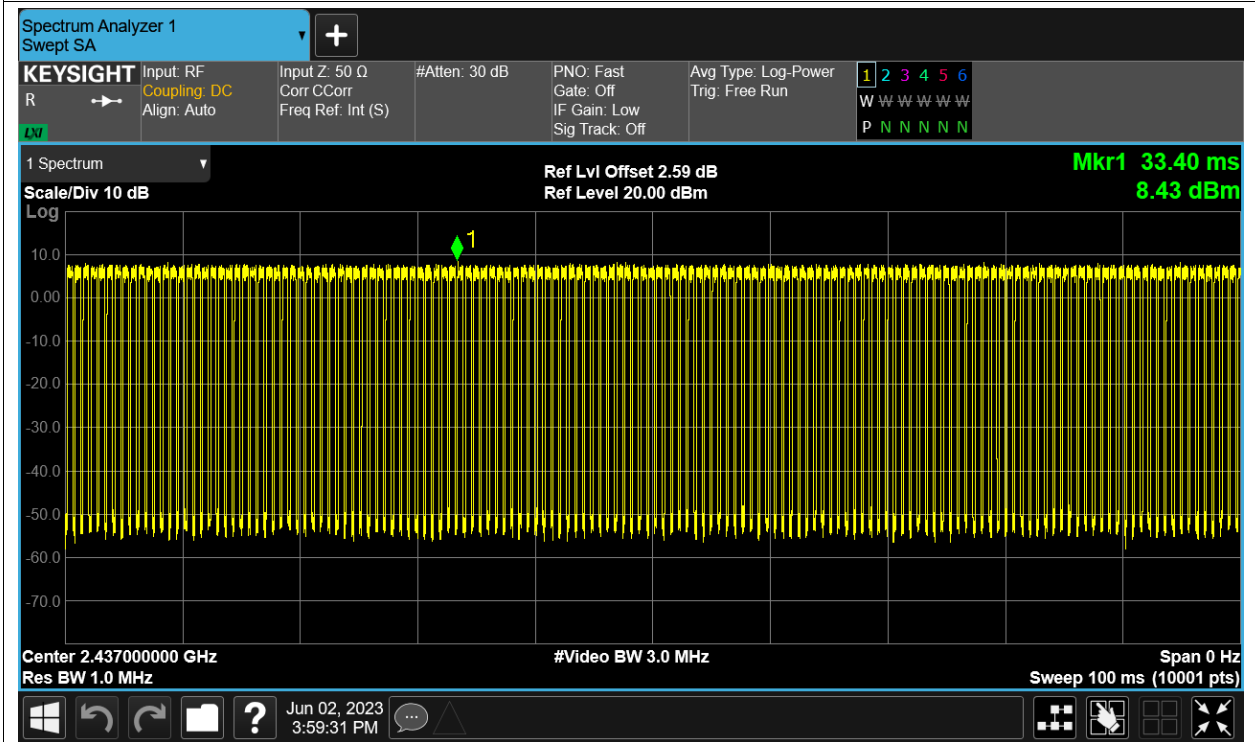
Duty Cycle NVNT g 2462MHz Ant2



Duty Cycle NVNT n20 2412MHz Sum



Duty Cycle NVNT n20 2437MHz Sum



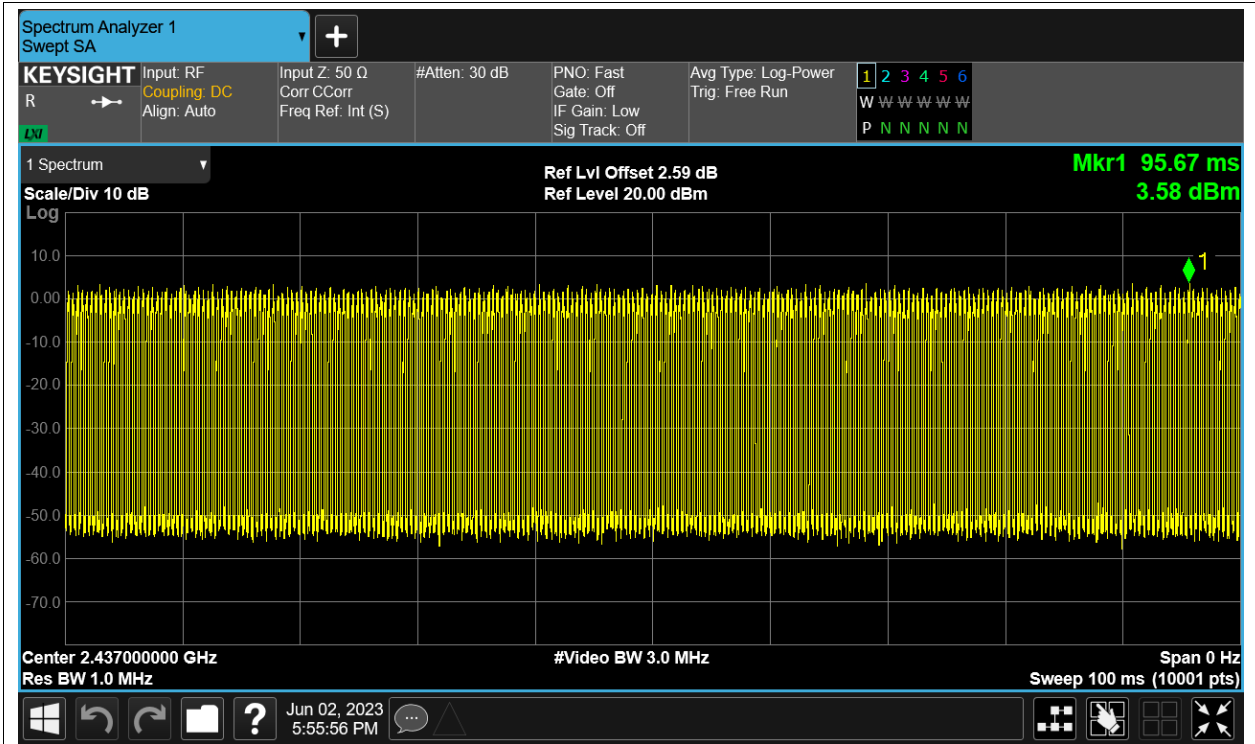
Duty Cycle NVNT n20 2462MHz Sum



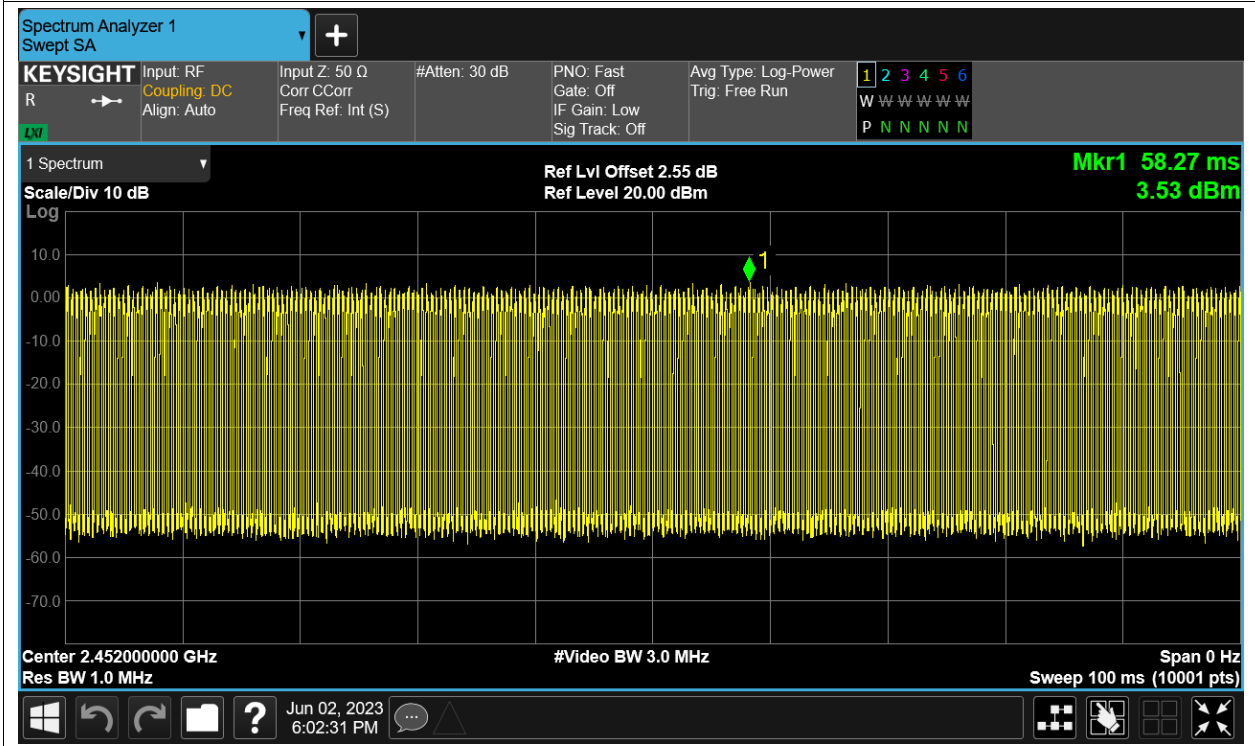
Duty Cycle NVNT n40 2422MHz Sum



Duty Cycle NVNT n40 2437MHz Sum



Duty Cycle NVNT n40 2452MHz Sum

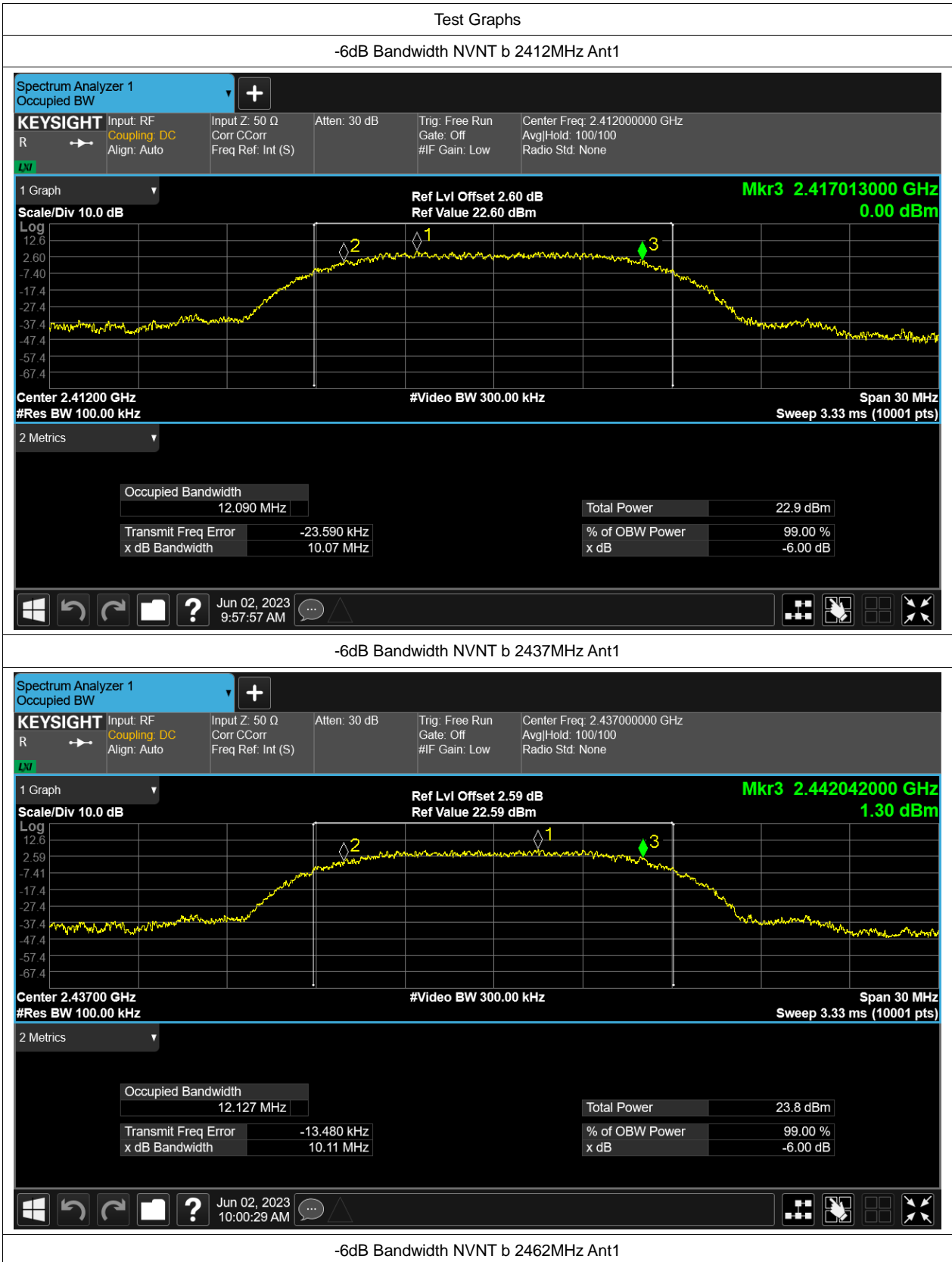


Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	16.27	0.43	16.7	30	Pass
NVNT	b	2437	Ant1	17.58	0.44	18.02	30	Pass
NVNT	b	2462	Ant1	17.66	0.43	18.09	30	Pass
NVNT	b	2412	Ant2	15.88	0.45	16.33	30	Pass
NVNT	b	2437	Ant2	16.78	0.45	17.23	30	Pass
NVNT	b	2462	Ant2	16.39	0.45	16.84	30	Pass
NVNT	g	2412	Ant1	14.36	0.99	15.35	30	Pass
NVNT	g	2437	Ant1	14.14	0.99	15.13	30	Pass
NVNT	g	2462	Ant1	14.23	1	15.23	30	Pass
NVNT	g	2412	Ant2	12.65	1	13.65	30	Pass
NVNT	g	2437	Ant2	13.5	0.99	14.49	30	Pass
NVNT	g	2462	Ant2	13.19	0.99	14.18	30	Pass
NVNT	n20	2412	Ant1	13.75	1.44	15.19	30	Pass
NVNT	n20	2412	Ant2	10.98	1.44	12.42	30	Pass
NVNT	n20	2412	Sum	15.592	1.44	17.032	30	Pass
NVNT	n20	2437	Ant1	13.63	1.44	15.07	30	Pass
NVNT	n20	2437	Ant2	11.94	1.44	13.38	30	Pass
NVNT	n20	2437	Sum	15.877	1.44	17.317	30	Pass
NVNT	n20	2462	Ant1	13.94	1.78	15.72	30	Pass
NVNT	n20	2462	Ant2	11.54	1.78	13.32	30	Pass
NVNT	n20	2462	Sum	15.914	1.78	17.694	30	Pass
NVNT	n40	2422	Ant1	12.84	2.83	15.67	30	Pass
NVNT	n40	2422	Ant2	10.14	2.83	12.97	30	Pass
NVNT	n40	2422	Sum	14.707	2.83	17.537	30	Pass
NVNT	n40	2437	Ant1	12.59	2.83	15.42	30	Pass
NVNT	n40	2437	Ant2	10.45	2.83	13.28	30	Pass
NVNT	n40	2437	Sum	14.661	2.83	17.491	30	Pass
NVNT	n40	2452	Ant1	12.61	2.82	15.43	30	Pass
NVNT	n40	2452	Ant2	10.44	2.82	13.26	30	Pass
NVNT	n40	2452	Sum	14.669	2.82	17.489	30	Pass

-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit	Verdic
NVNT	b	2412	Ant1	10.073	0.5	Pass
NVNT	b	2437	Ant1	10.11	0.5	Pass
NVNT	b	2462	Ant1	10.142	0.5	Pass
NVNT	b	2412	Ant2	10.124	0.5	Pass
NVNT	b	2437	Ant2	10.133	0.5	Pass
NVNT	b	2462	Ant2	10.05	0.5	Pass
NVNT	g	2412	Ant1	16.41	0.5	Pass
NVNT	g	2437	Ant1	16.387	0.5	Pass
NVNT	g	2462	Ant1	16.335	0.5	Pass
NVNT	g	2412	Ant2	16.345	0.5	Pass
NVNT	g	2437	Ant2	16.399	0.5	Pass
NVNT	g	2462	Ant2	16.421	0.5	Pass
NVNT	n20	2412	Ant1	17.322	0.5	Pass
NVNT	n20	2412	Ant2	17.24	0.5	Pass
NVNT	n20	2437	Ant1	17.343	0.5	Pass
NVNT	n20	2437	Ant2	17.302	0.5	Pass
NVNT	n20	2462	Ant1	17.27	0.5	Pass
NVNT	n20	2462	Ant2	17.279	0.5	Pass
NVNT	n40	2422	Ant1	36.432	0.5	Pass
NVNT	n40	2422	Ant2	36.376	0.5	Pass
NVNT	n40	2437	Ant1	36.421	0.5	Pass
NVNT	n40	2437	Ant2	36.447	0.5	Pass
NVNT	n40	2452	Ant1	36.382	0.5	Pass
NVNT	n40	2452	Ant2	36.371	0.5	Pass

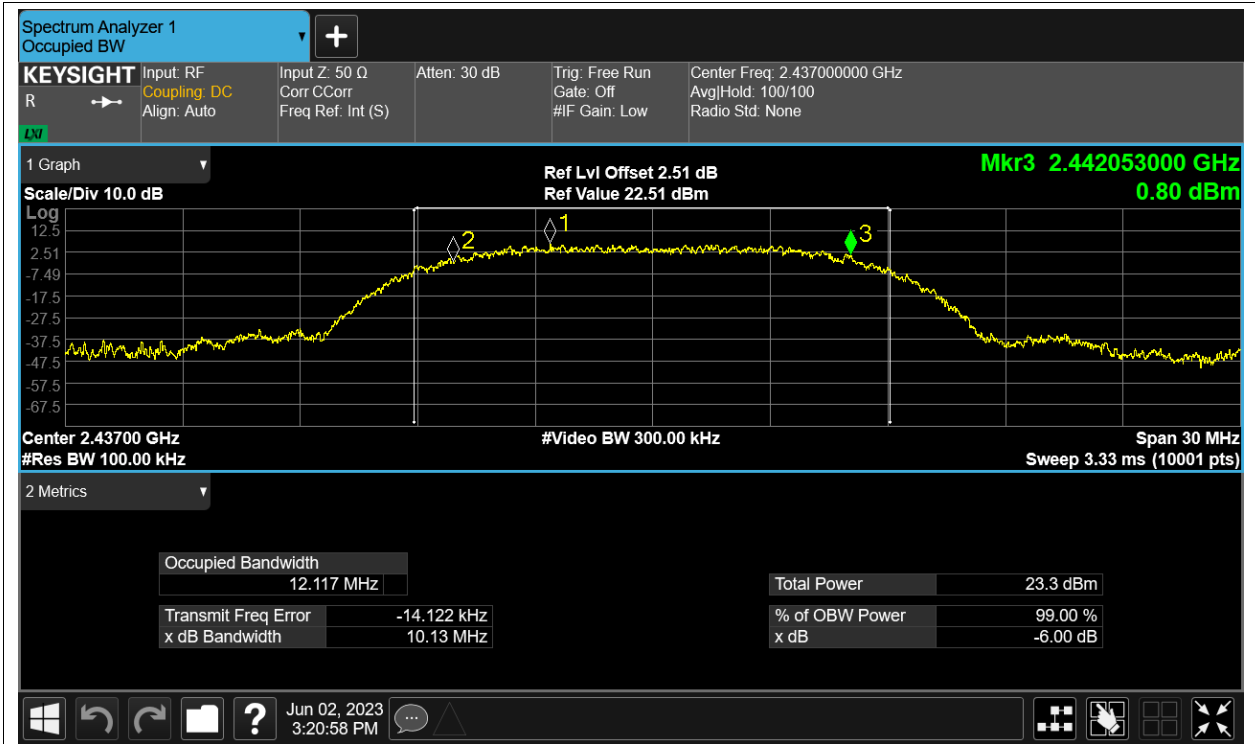




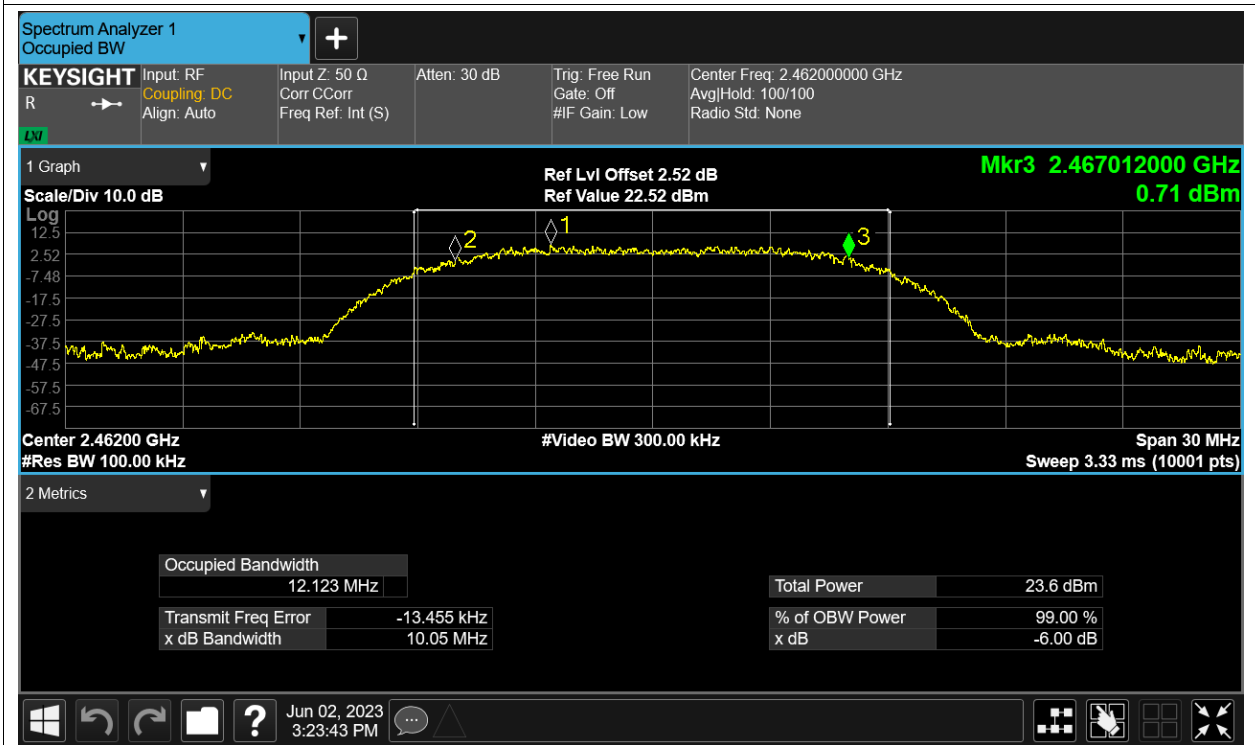
-6dB Bandwidth NVNT b 2412MHz Ant2



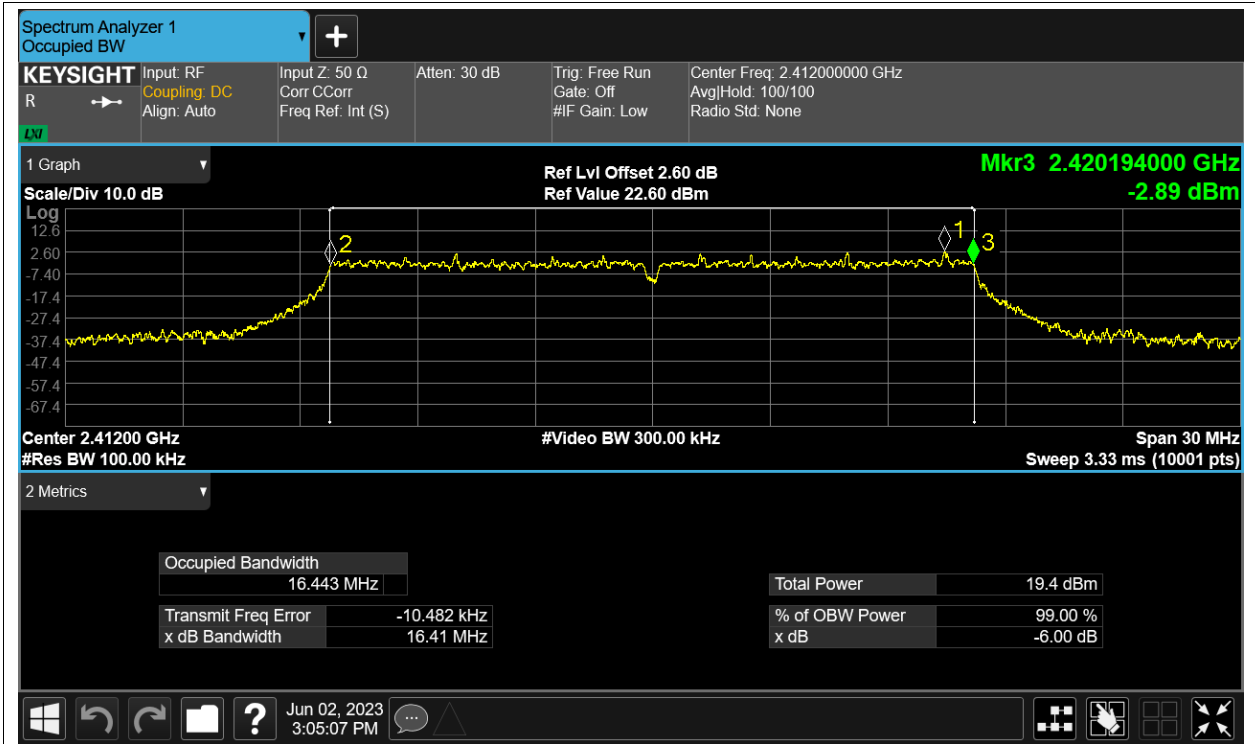
-6dB Bandwidth NVNT b 2437MHz Ant2



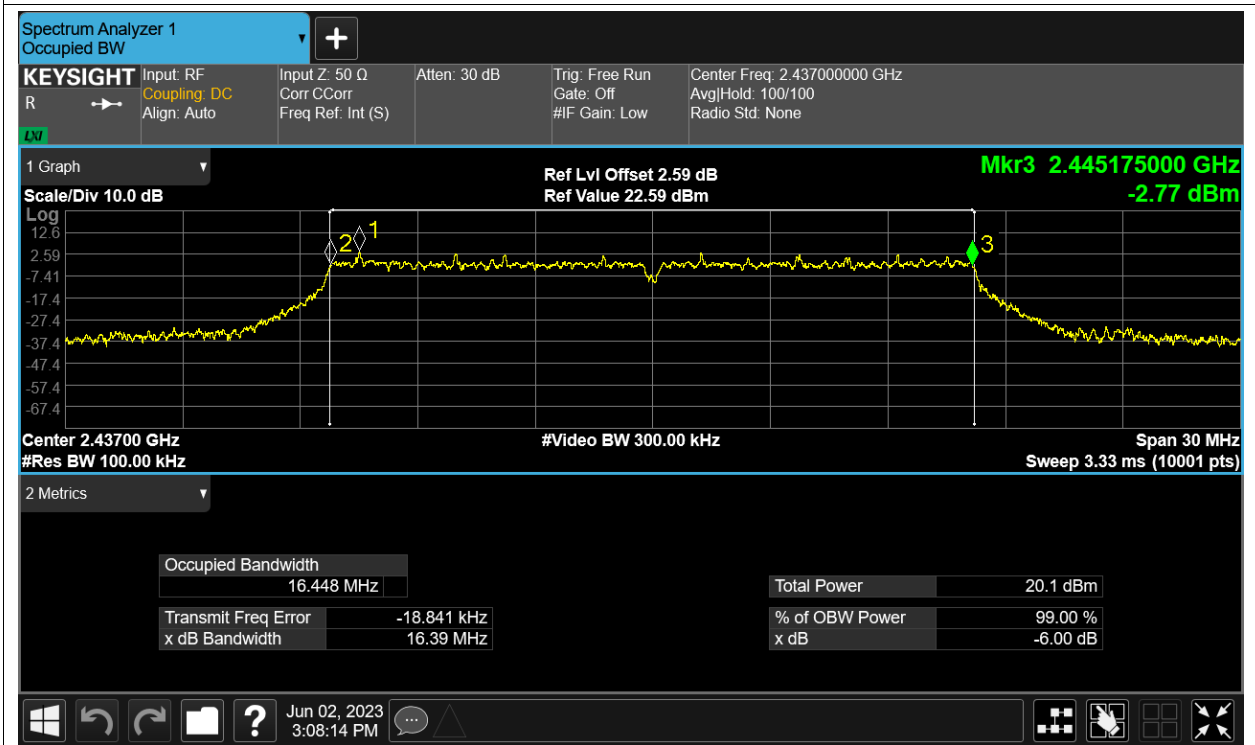
-6dB Bandwidth NVNT b 2462MHz Ant2



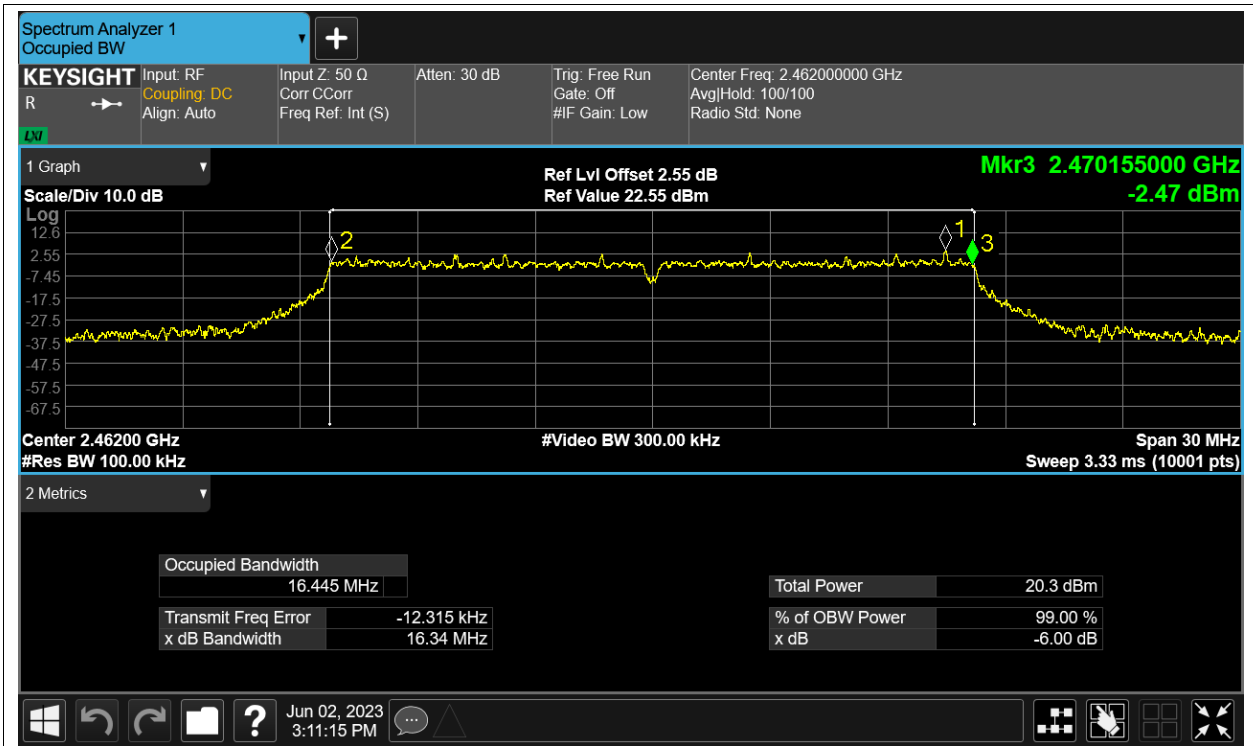
-6dB Bandwidth NVNT g 2412MHz Ant1



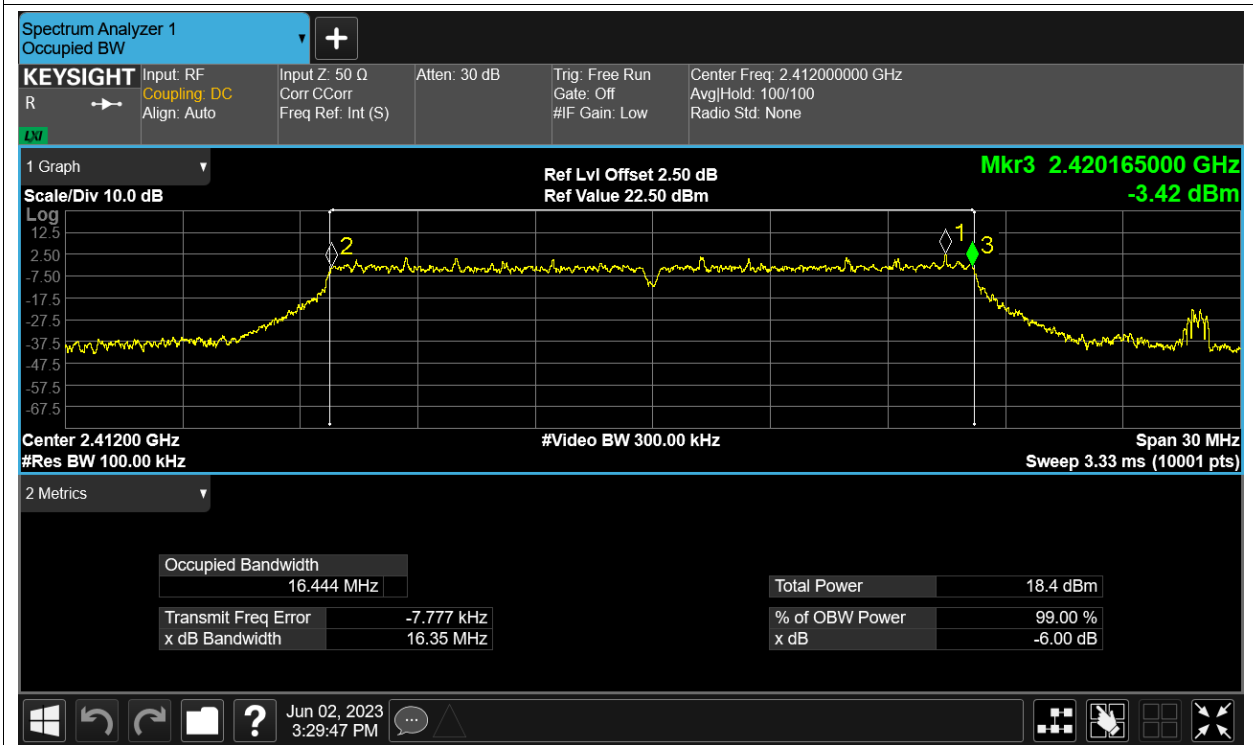
-6dB Bandwidth NVNT g 2437MHz Ant1



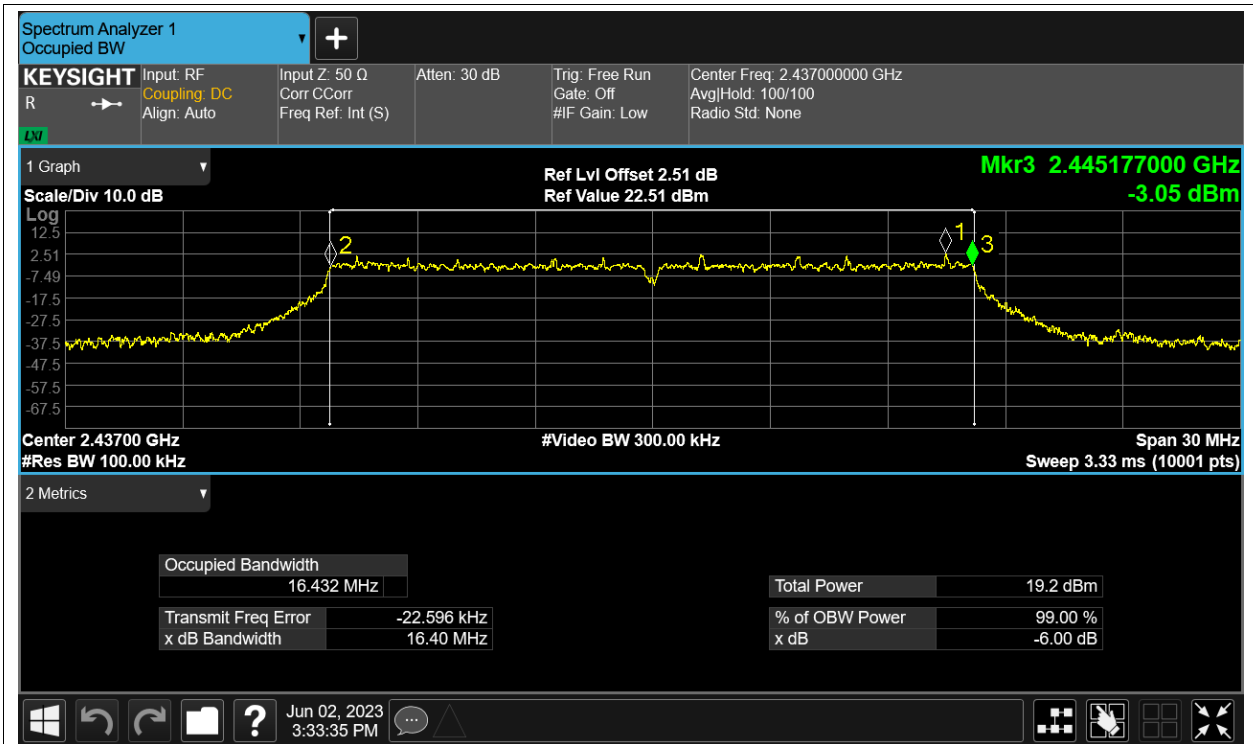
-6dB Bandwidth NVNT g 2462MHz Ant1



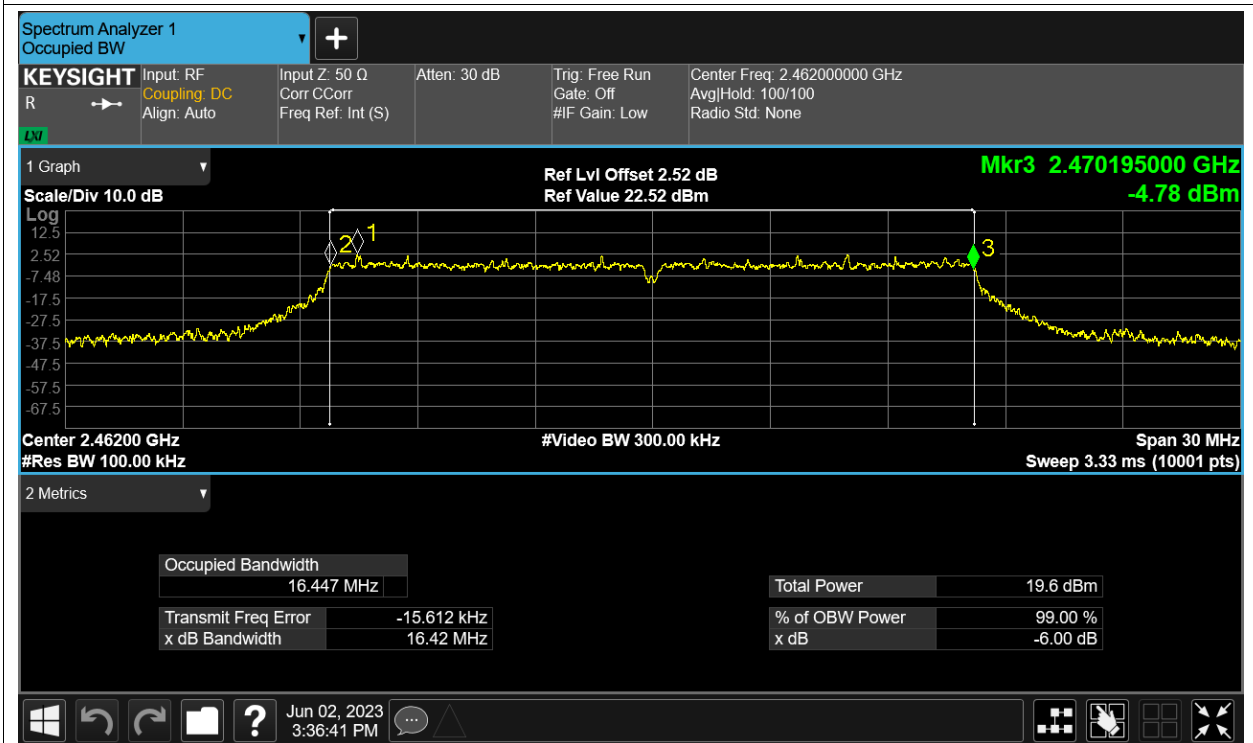
-6dB Bandwidth NVNT g 2412MHz Ant2



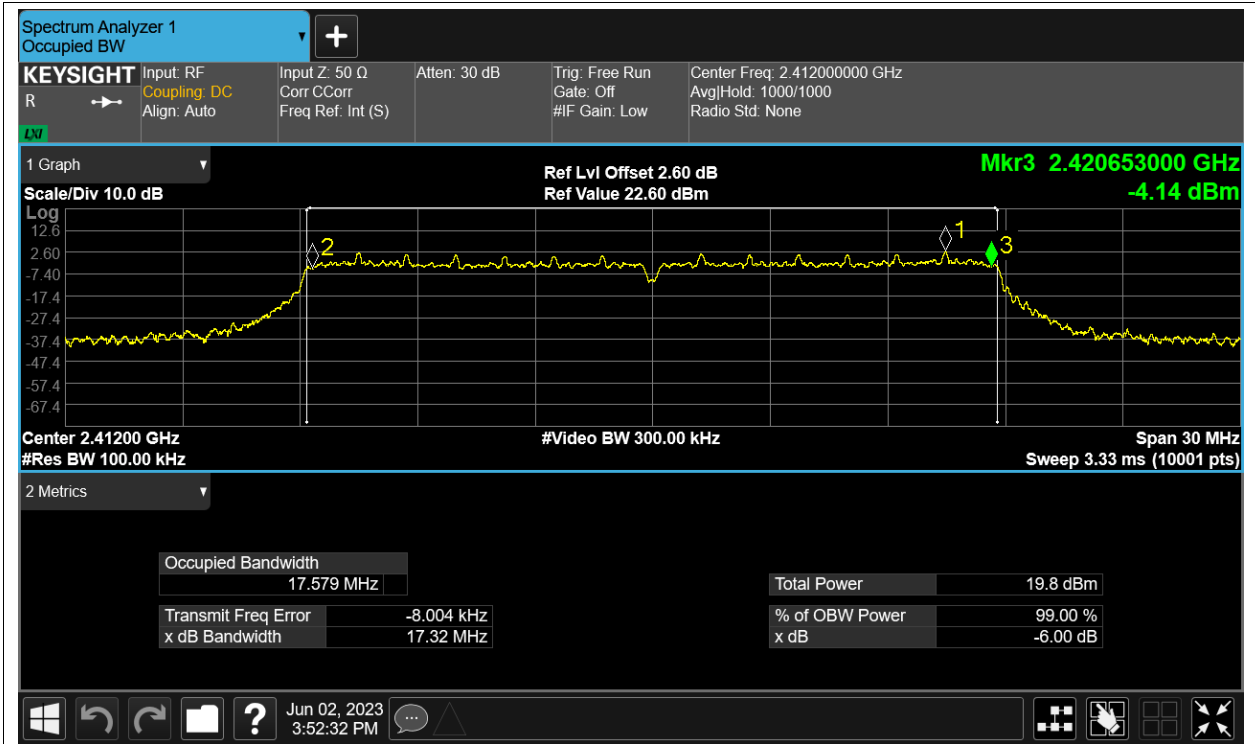
-6dB Bandwidth NVNT g 2437MHz Ant2



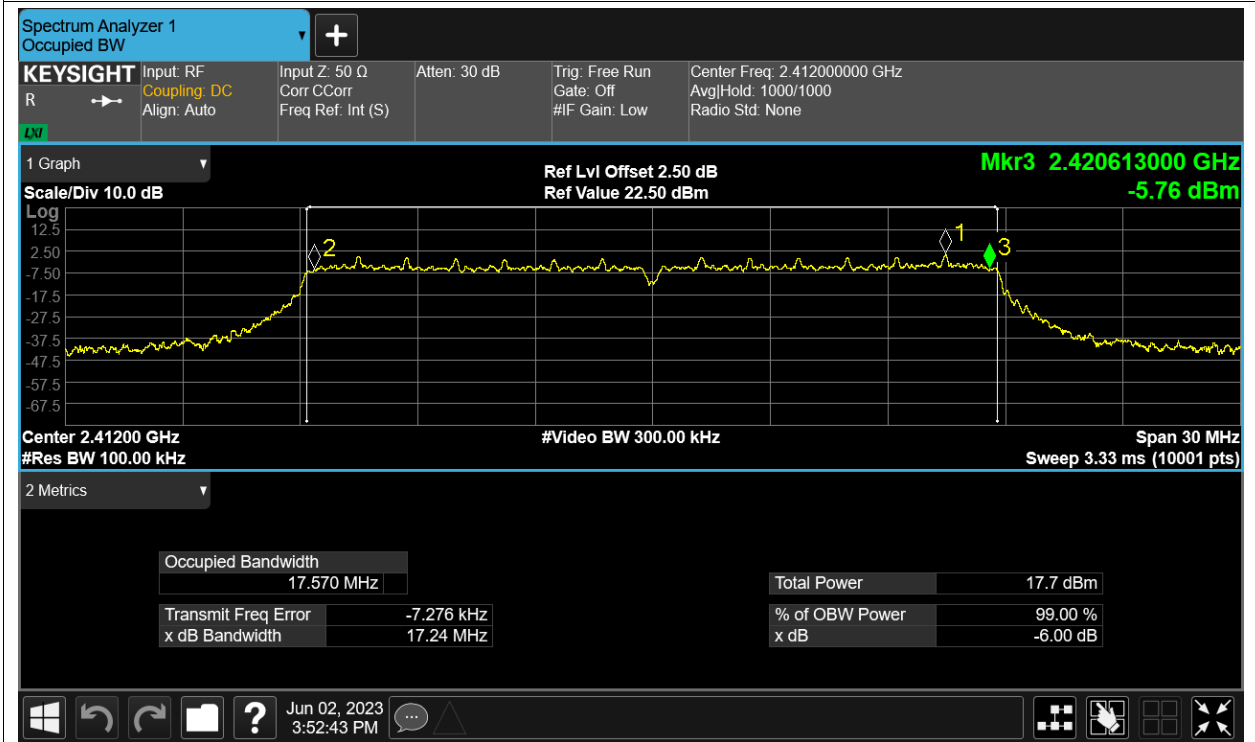
-6dB Bandwidth NVNT g 2462MHz Ant2



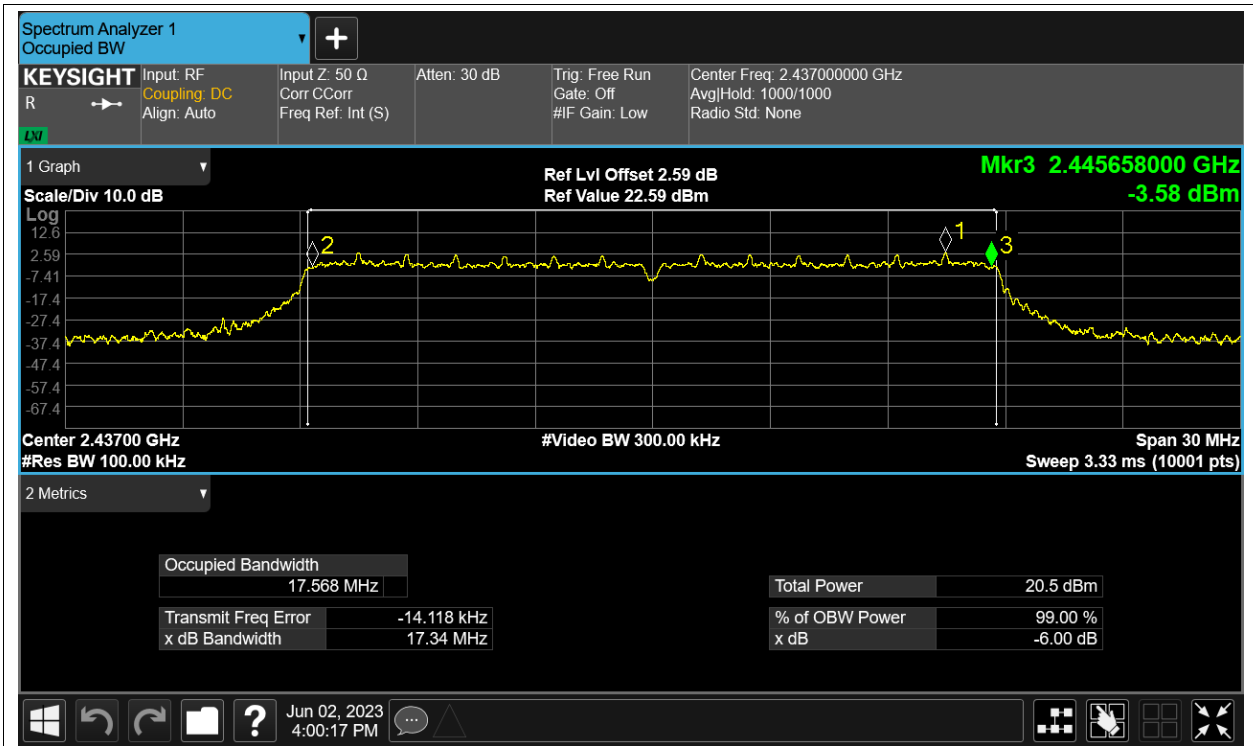
-6dB Bandwidth NVNT n20 2412MHz Ant1



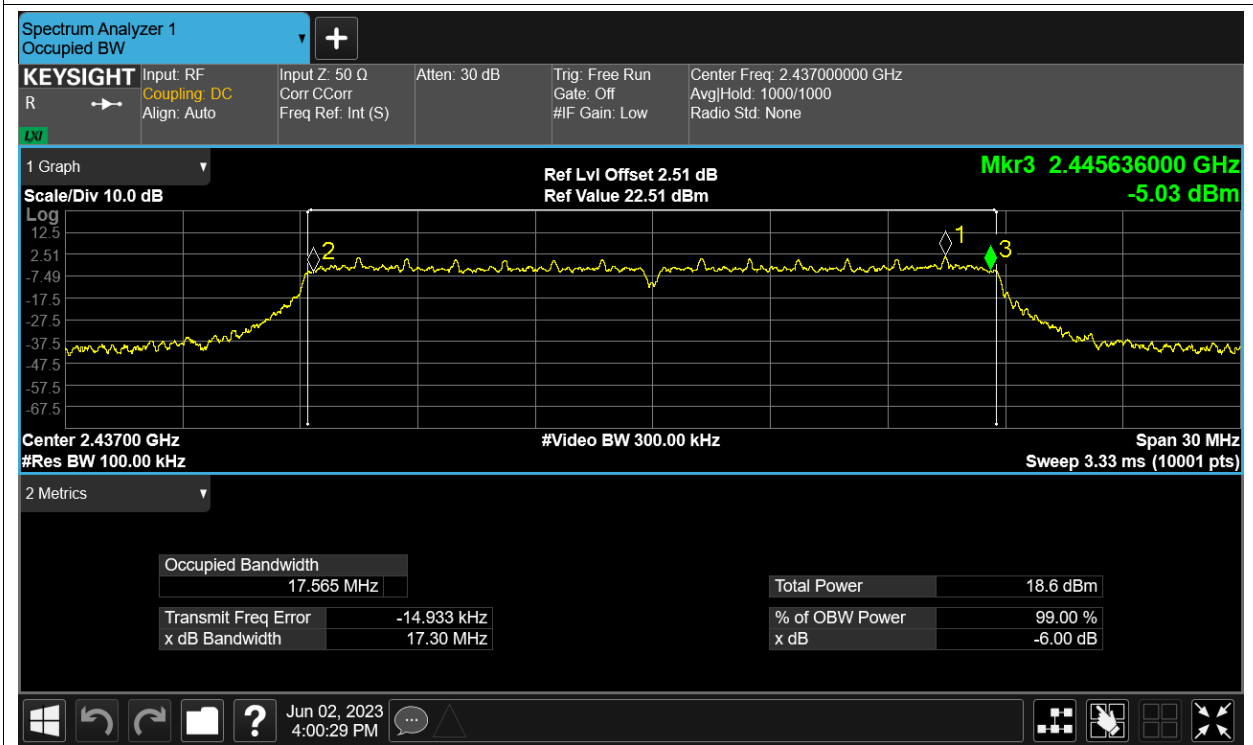
-6dB Bandwidth NVNT n20 2412MHz Ant2



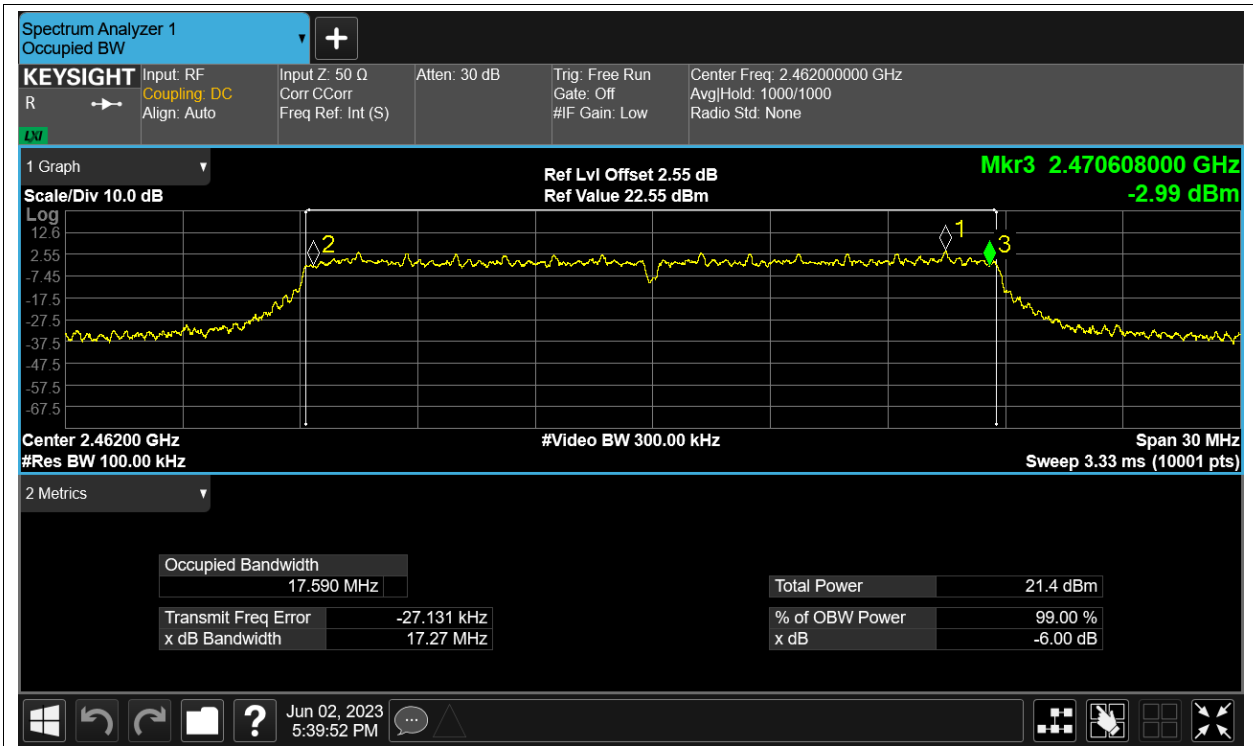
-6dB Bandwidth NVNT n20 2437MHz Ant1



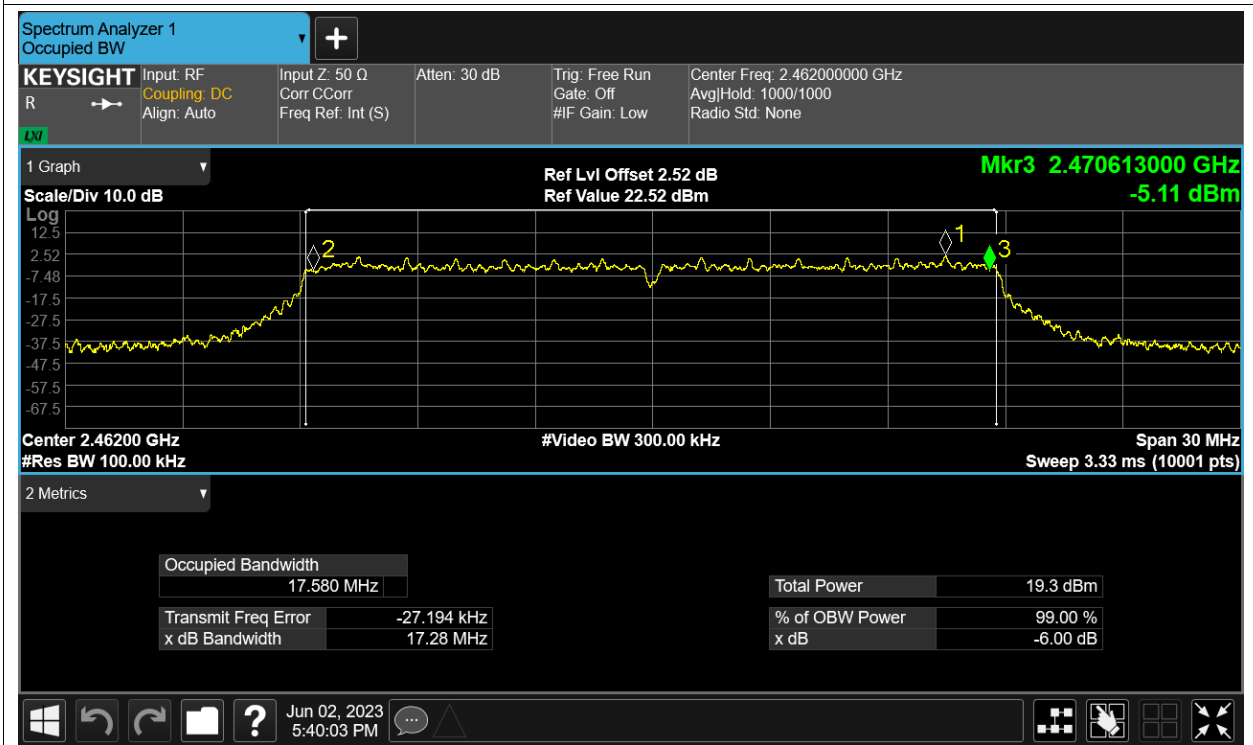
-6dB Bandwidth NVNT n20 2437MHz Ant2



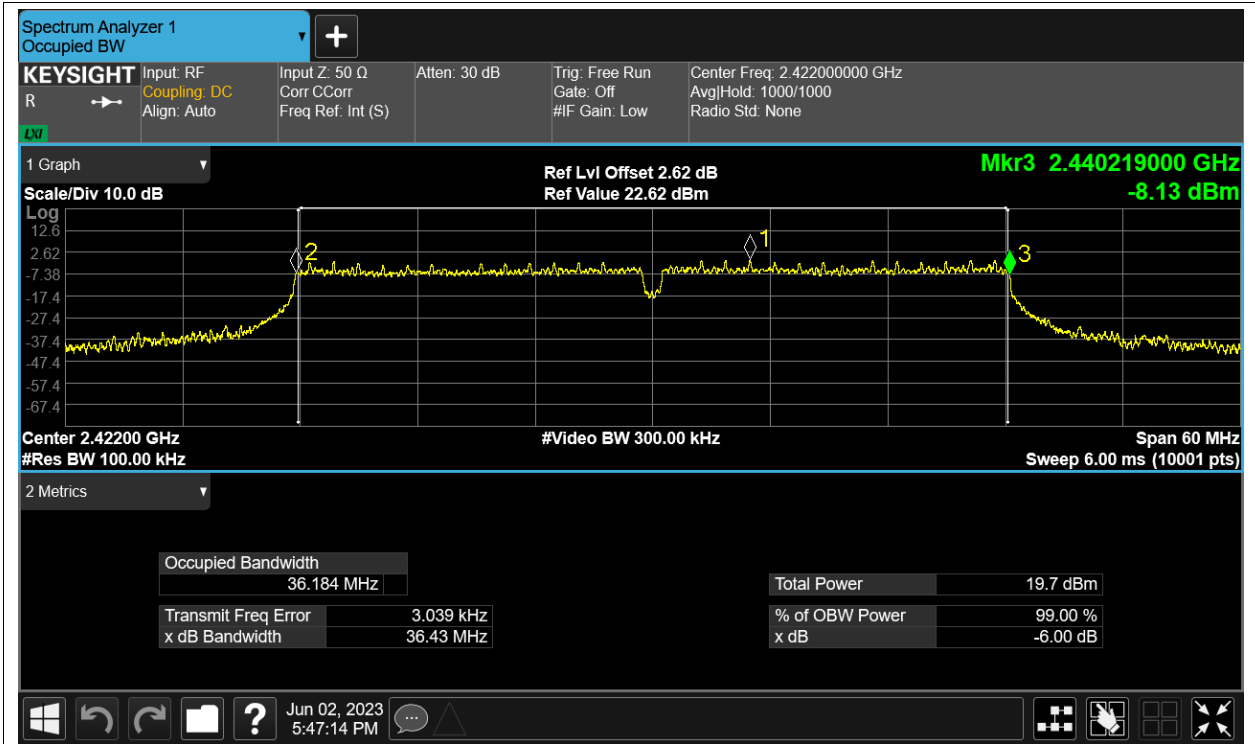
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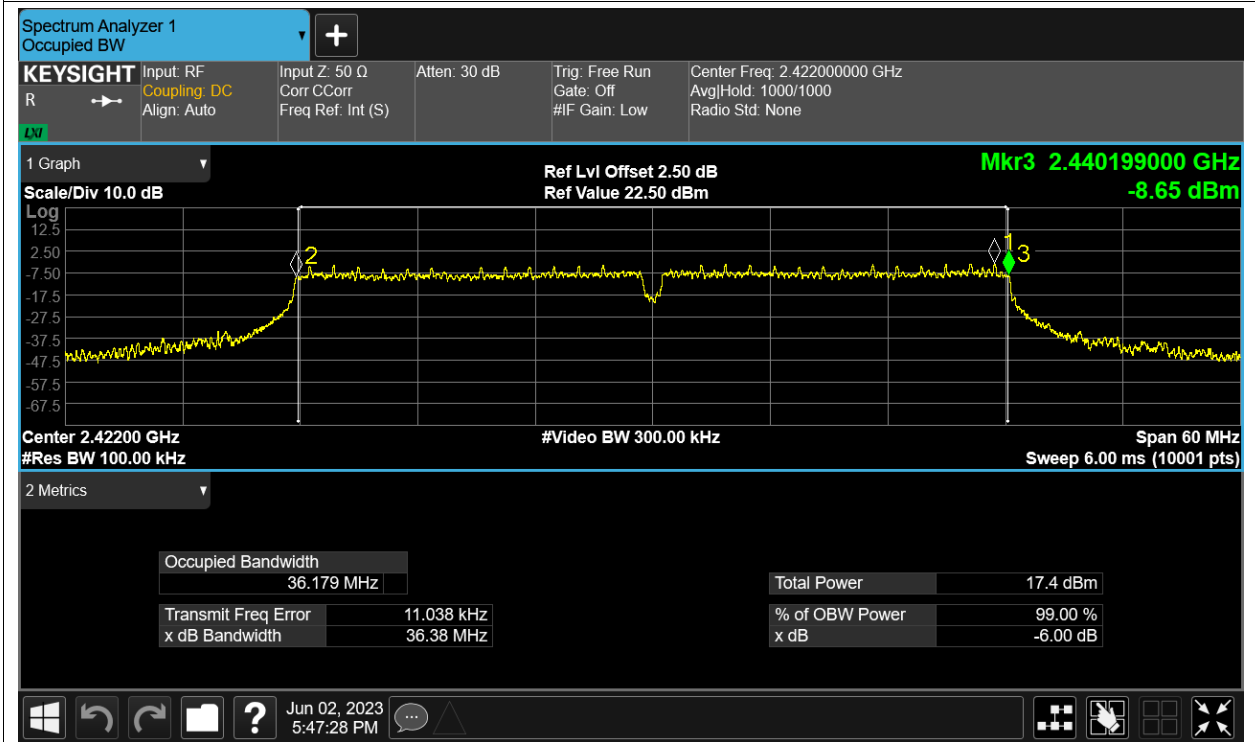
-6dB Bandwidth NVNT n20 2462MHz Ant2



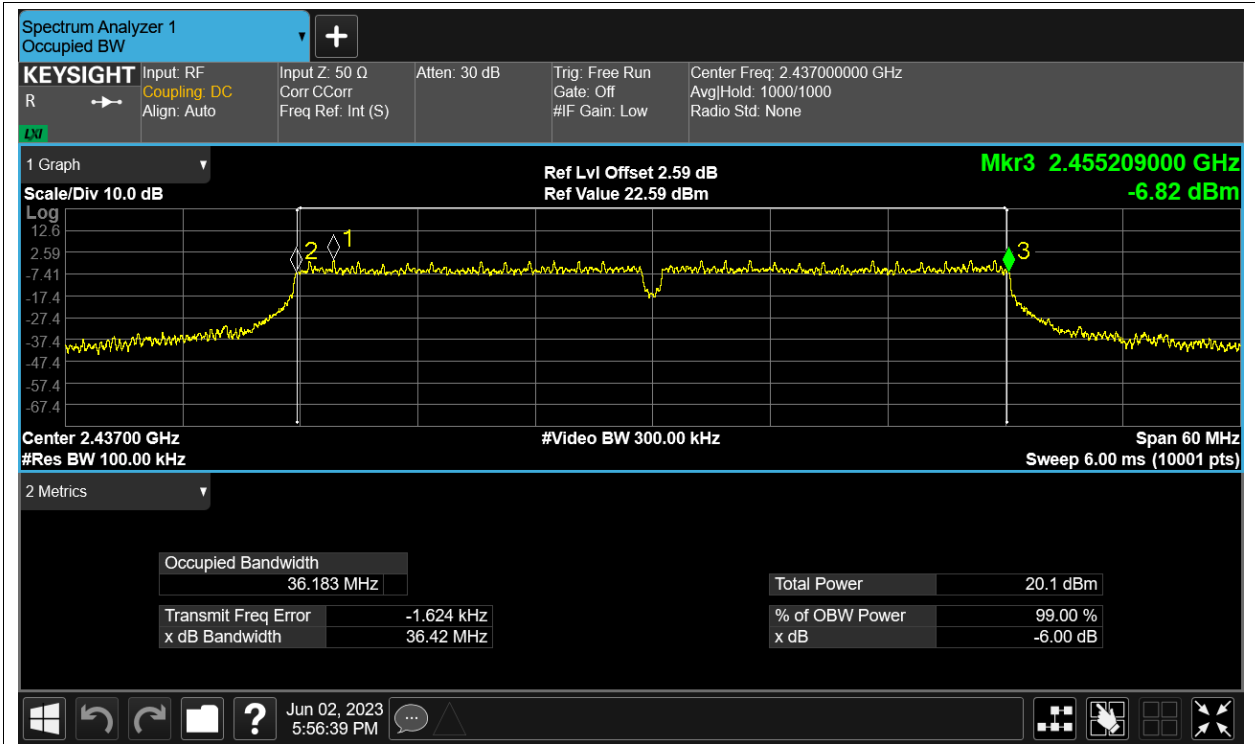
-6dB Bandwidth NVNT n40 2422MHz Ant1



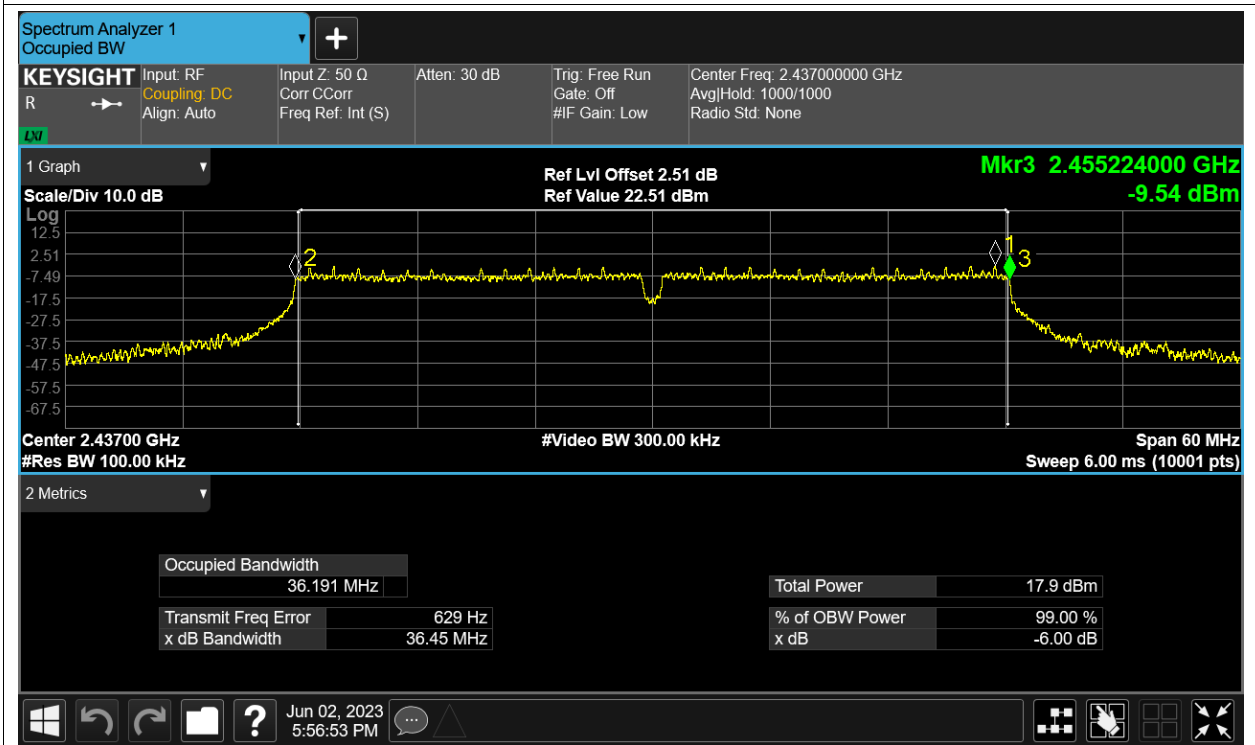
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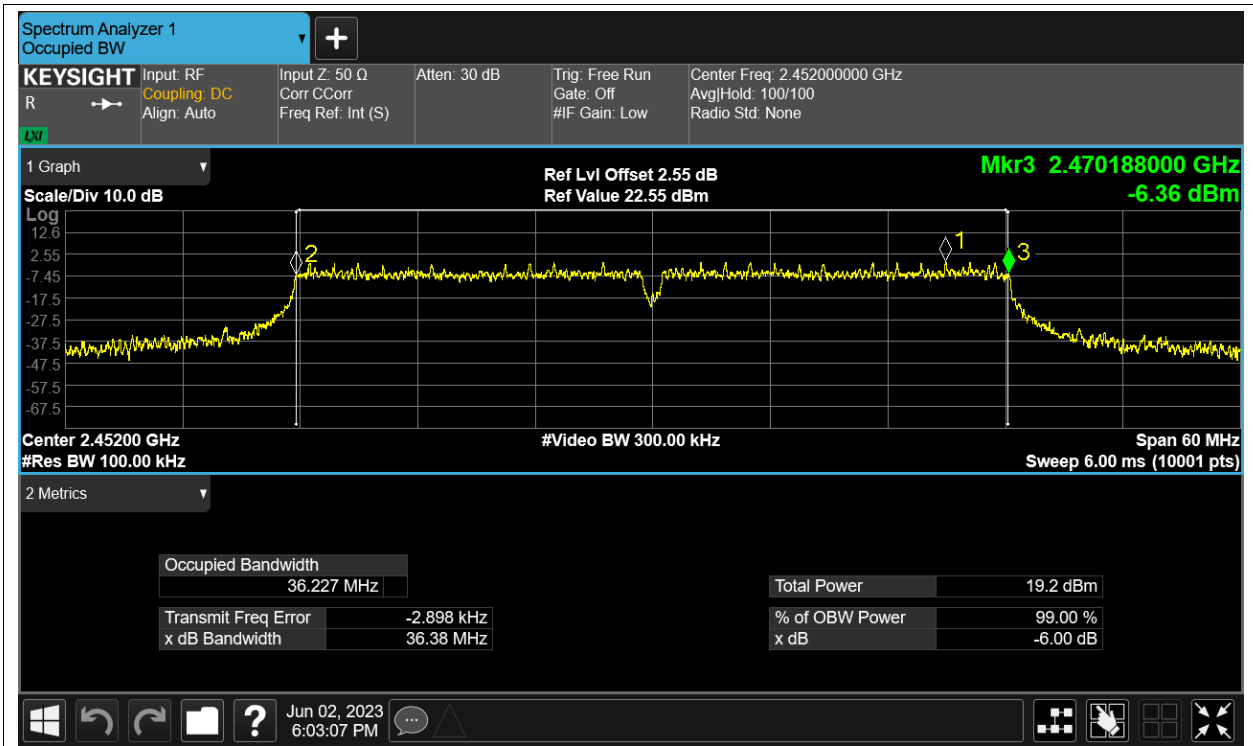
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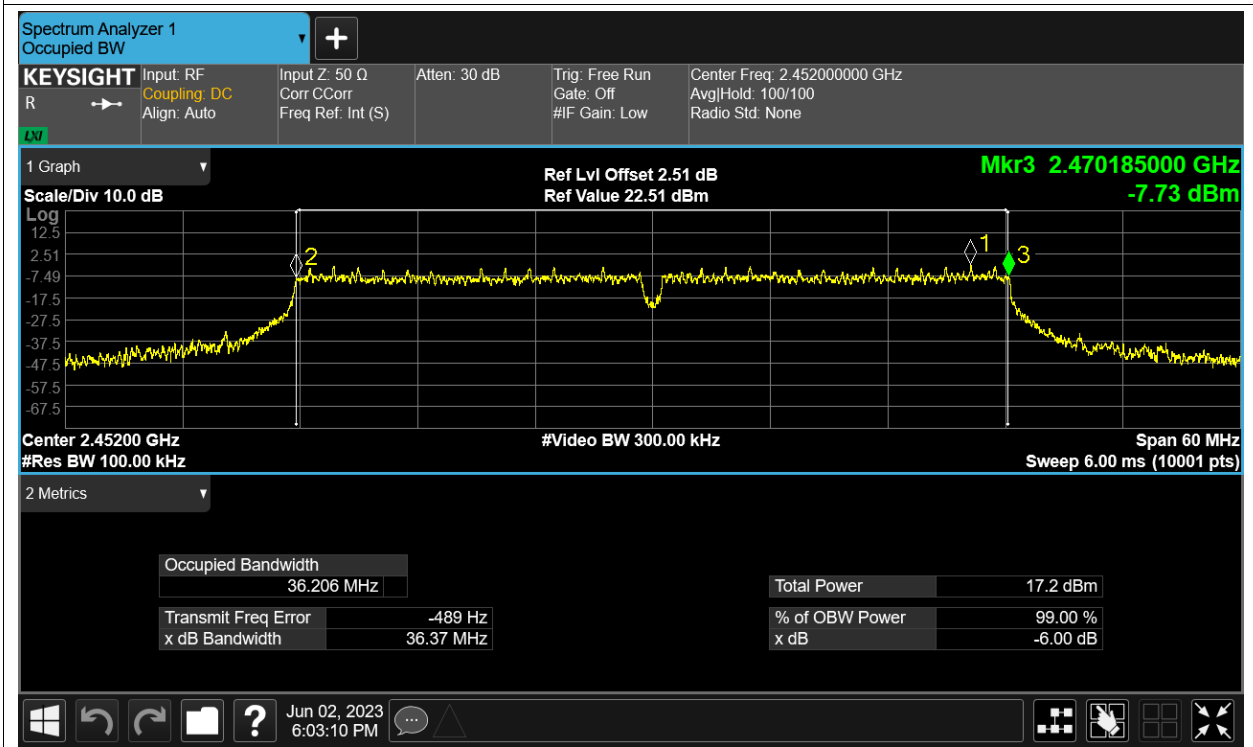
-6dB Bandwidth NVNT n40 2437MHz Ant2



-6dB Bandwidth NVNT n40 2452MHz Ant1



-6dB Bandwidth NVNT n40 2452MHz Ant2

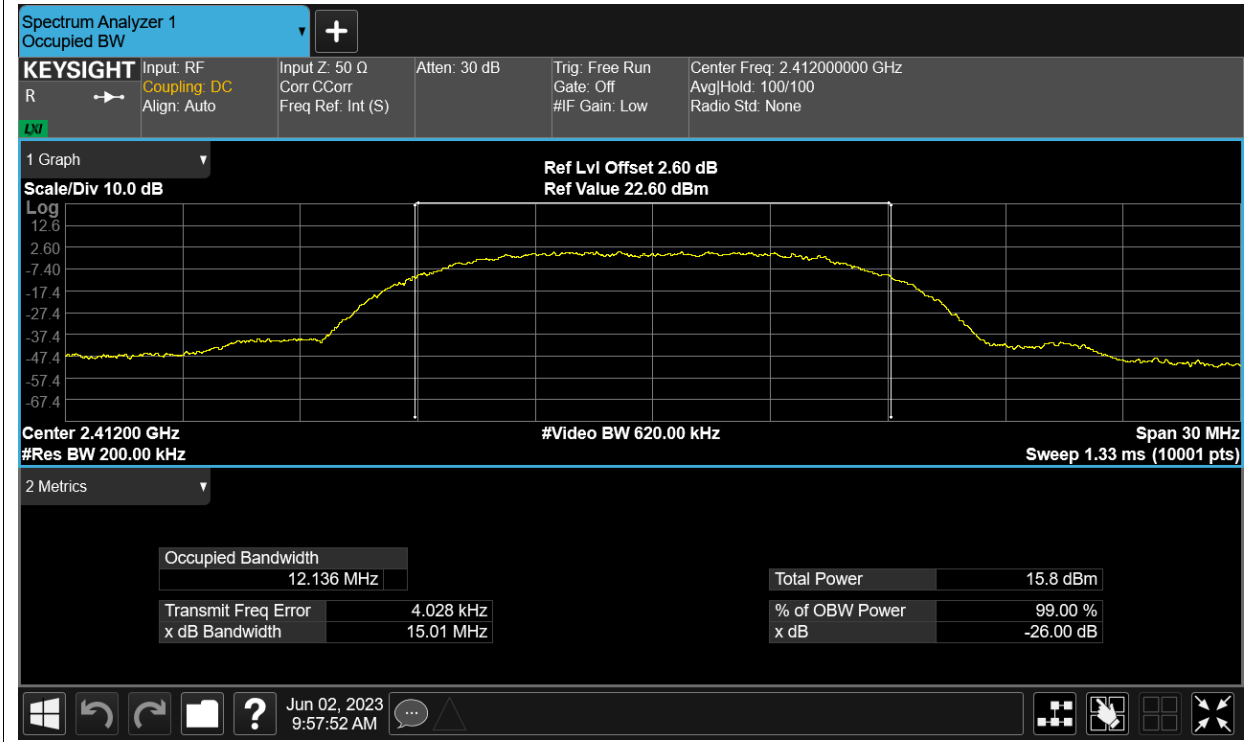


Occupied Channel Bandwidth

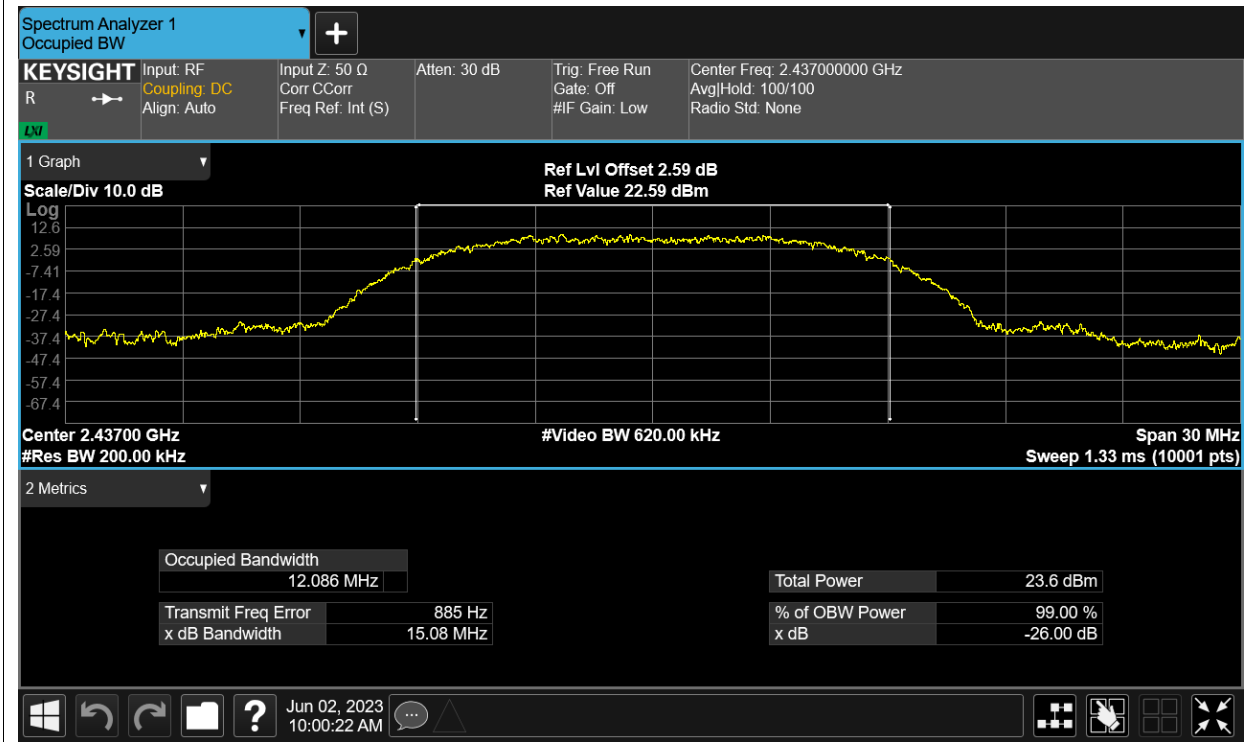
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	12.136
NVNT	b	2437	Ant1	12.086
NVNT	b	2462	Ant1	12.114
NVNT	b	2412	Ant2	12.108
NVNT	b	2437	Ant2	12.108
NVNT	b	2462	Ant2	12.08
NVNT	g	2412	Ant1	16.565
NVNT	g	2437	Ant1	16.541
NVNT	g	2462	Ant1	16.561
NVNT	g	2412	Ant2	16.556
NVNT	g	2437	Ant2	16.568
NVNT	g	2462	Ant2	16.545
NVNT	n20	2412	Ant1	17.656
NVNT	n20	2412	Ant2	17.651
NVNT	n20	2437	Ant1	17.646
NVNT	n20	2437	Ant2	17.636
NVNT	n20	2462	Ant1	17.637
NVNT	n20	2462	Ant2	17.635
NVNT	n40	2422	Ant1	36.409
NVNT	n40	2422	Ant2	36.402
NVNT	n40	2437	Ant1	36.378
NVNT	n40	2437	Ant2	36.387
NVNT	n40	2452	Ant1	36.383
NVNT	n40	2452	Ant2	36.35

Test Graphs

OBW NVNT b 2412MHz Ant1



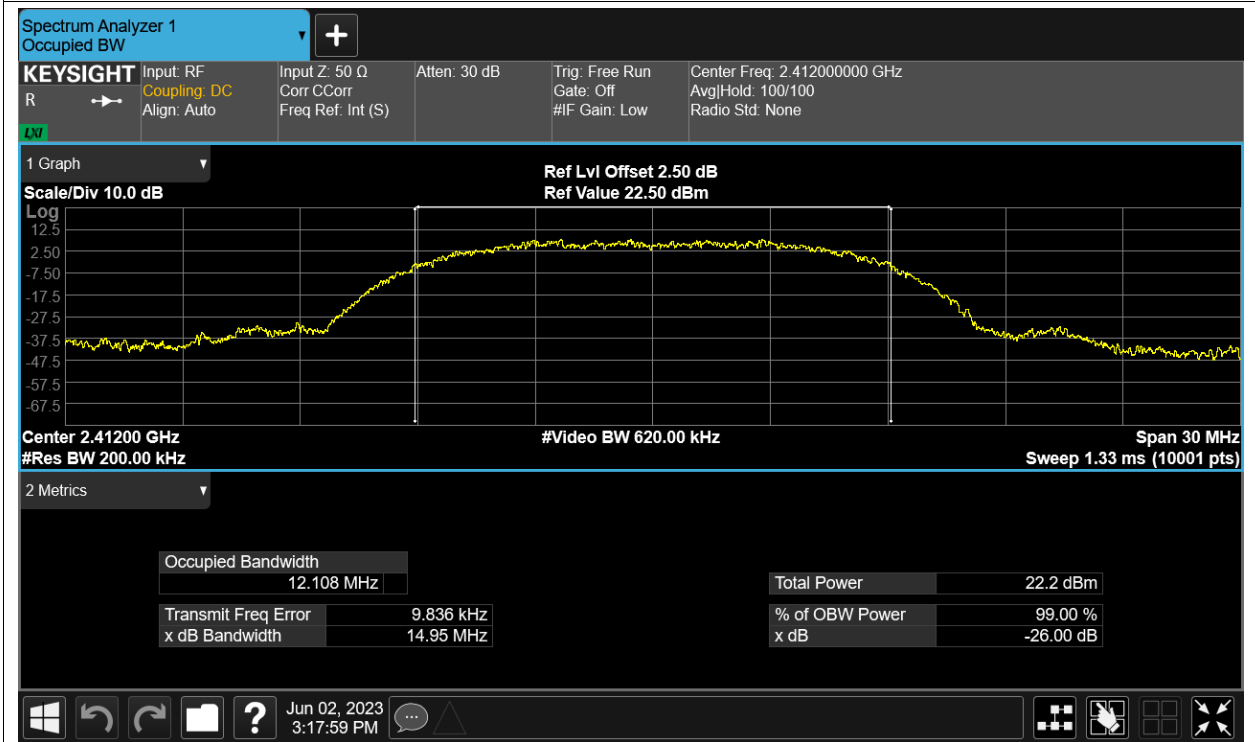
OBW NVNT b 2437MHz Ant1



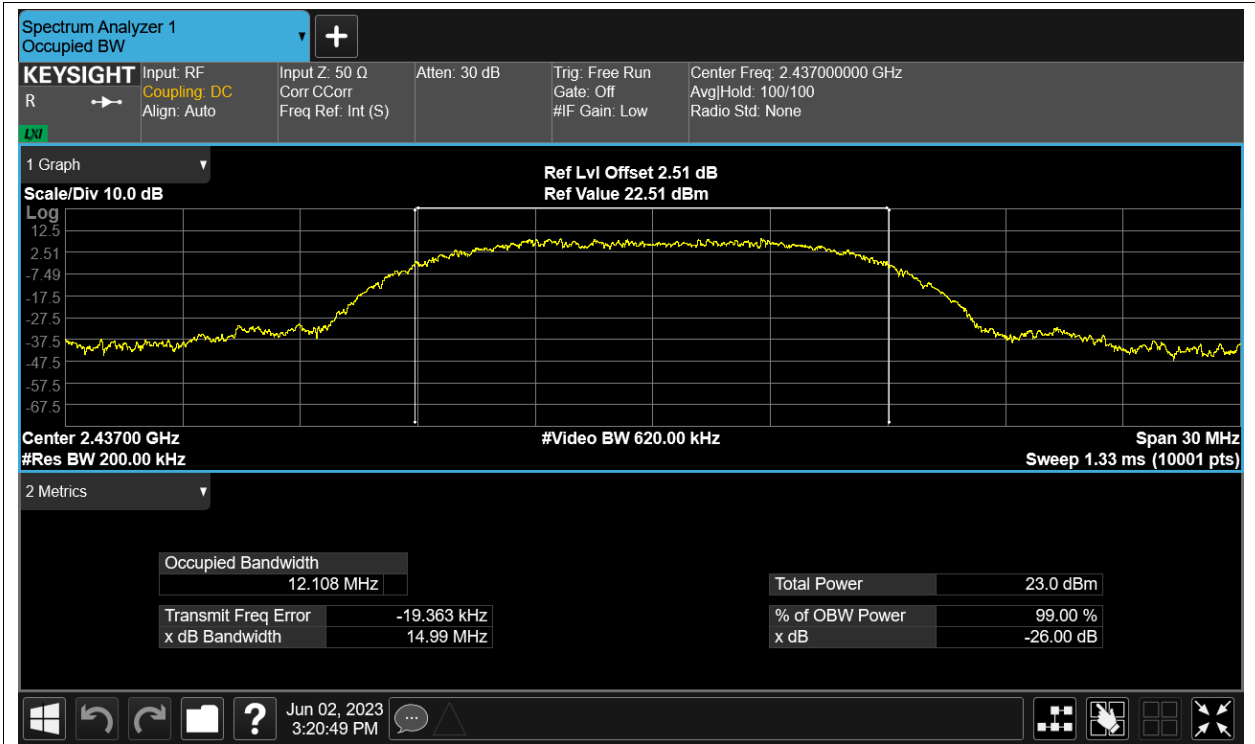
OBW NVNT b 2462MHz Ant1



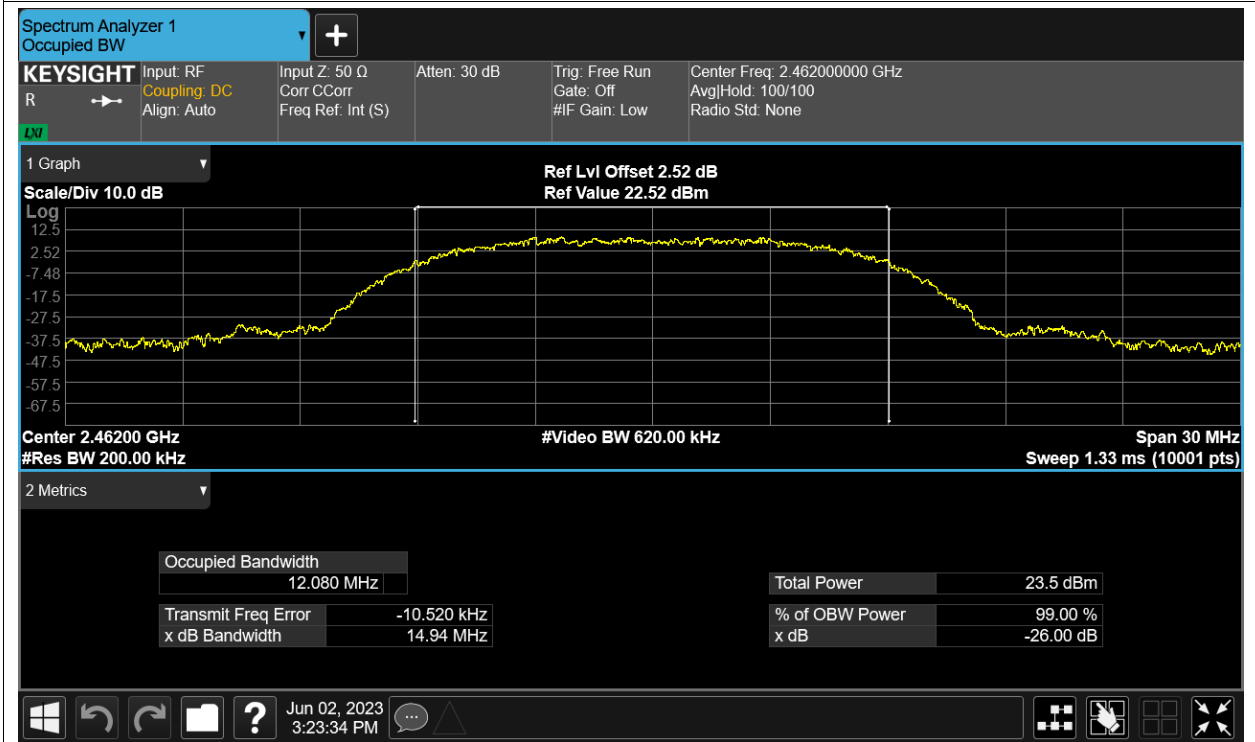
OBW NVNT b 2412MHz Ant2



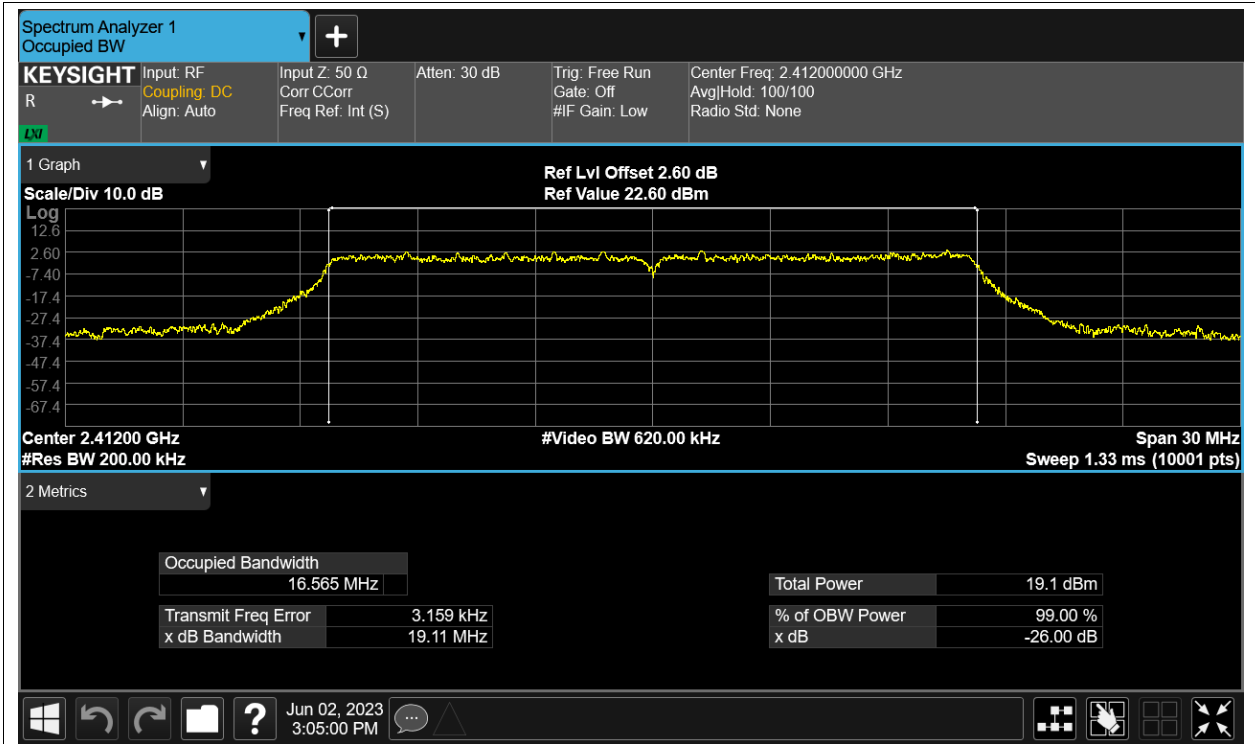
OBW NVNT b 2437MHz Ant2



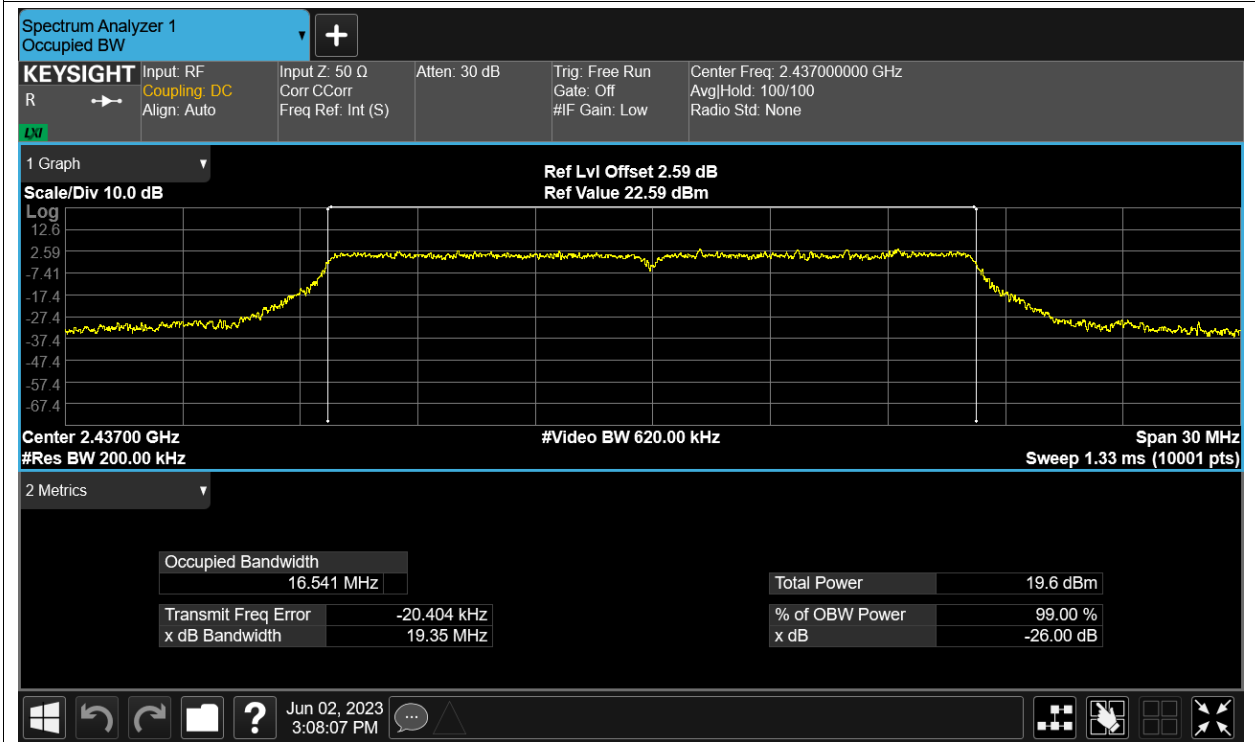
OBW NVNT b 2462MHz Ant2



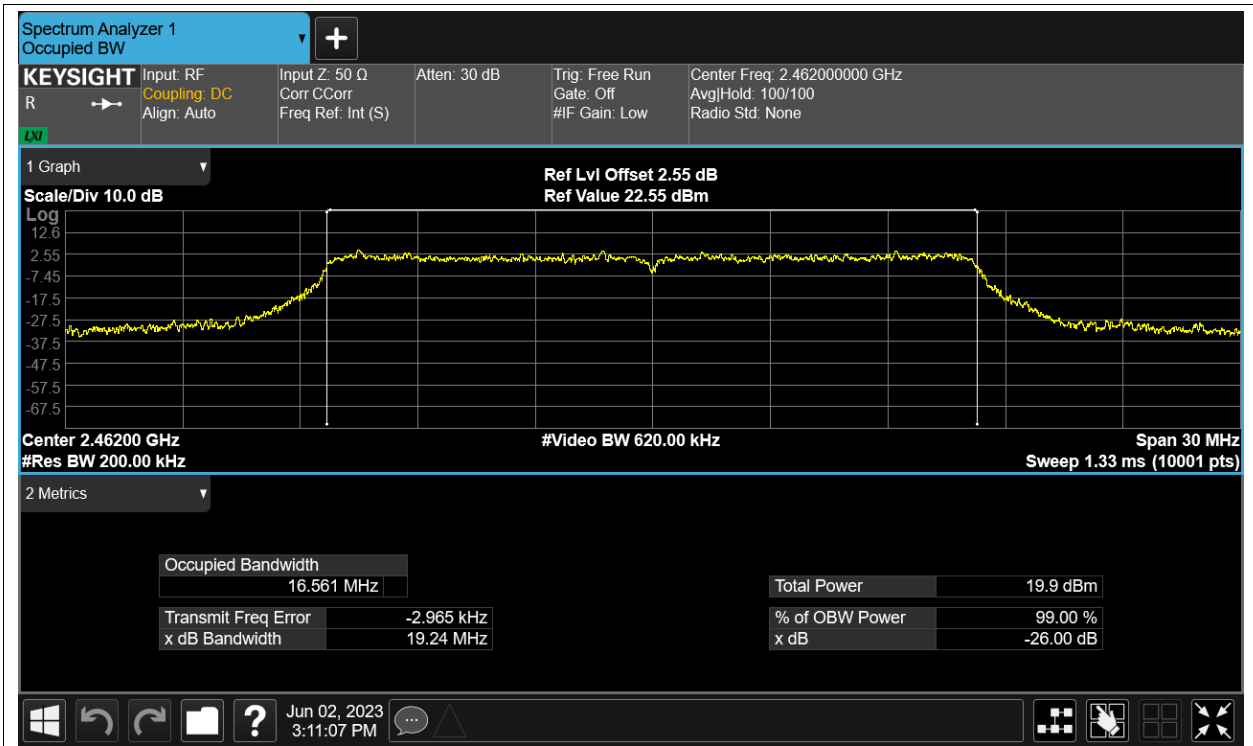
OBW NVNT g 2412MHz Ant1



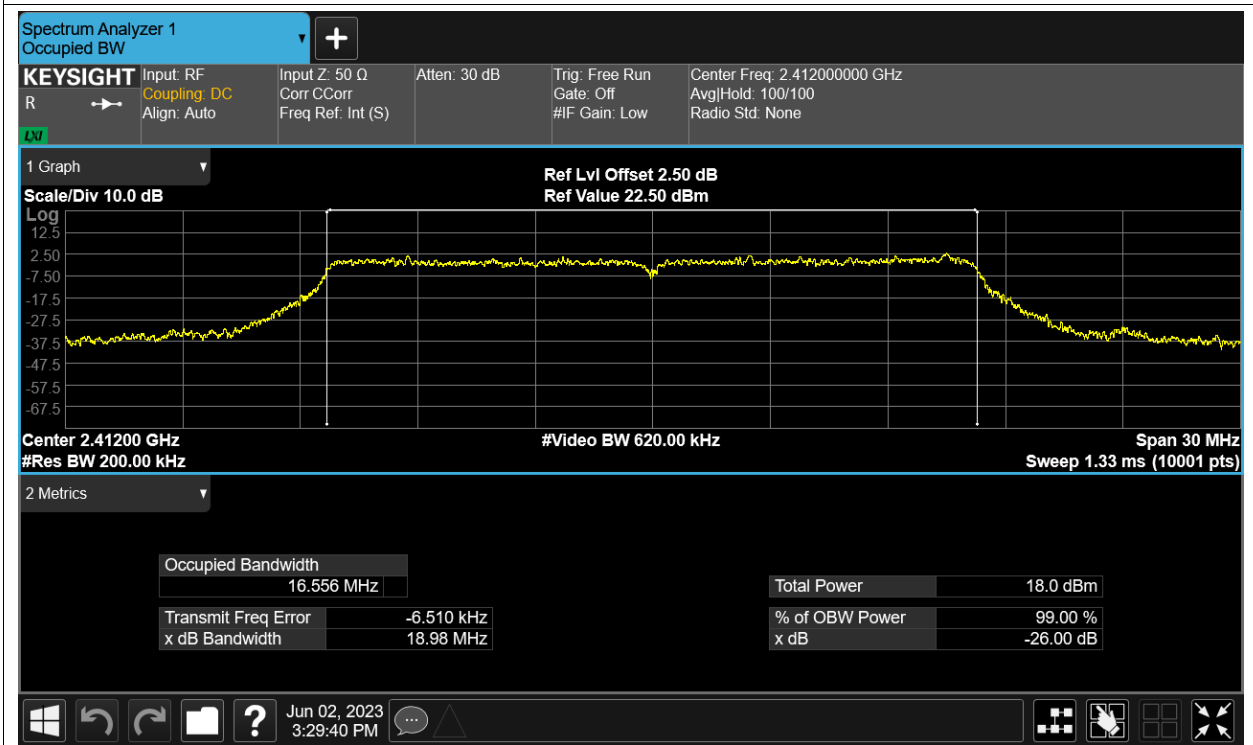
OBW NVNT g 2437MHz Ant1



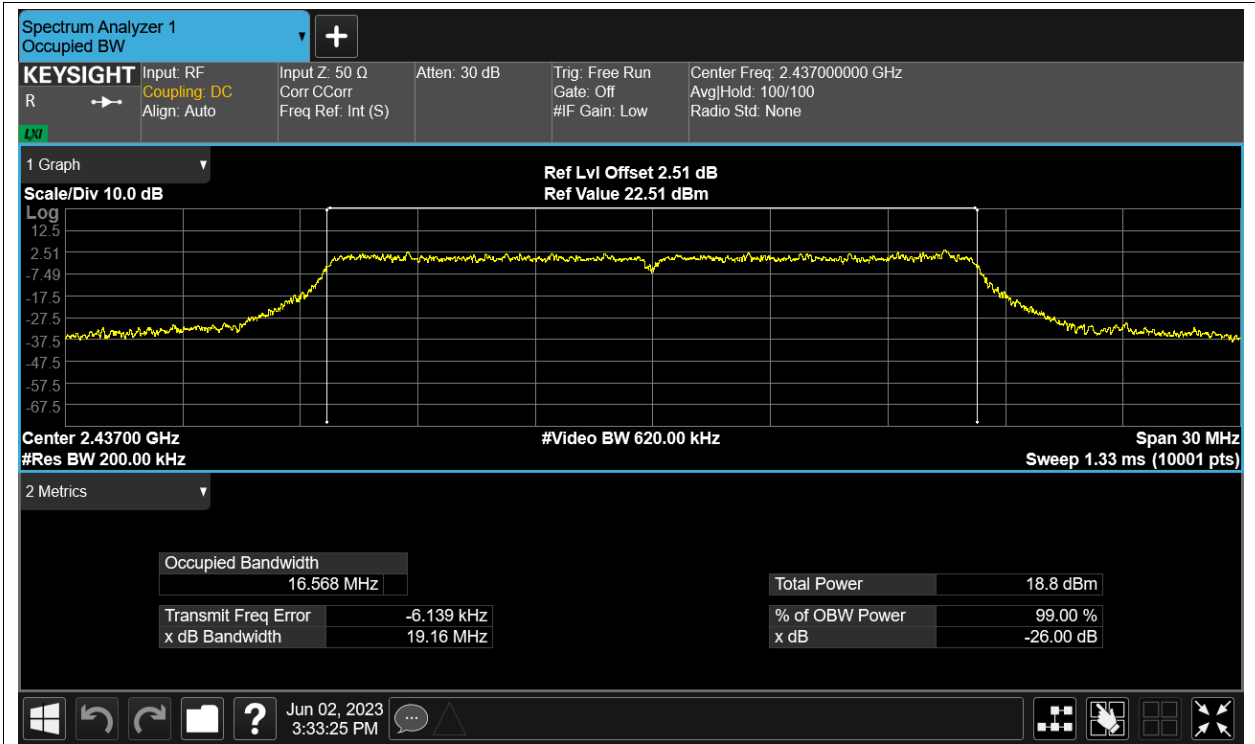
OBW NVNT g 2462MHz Ant1



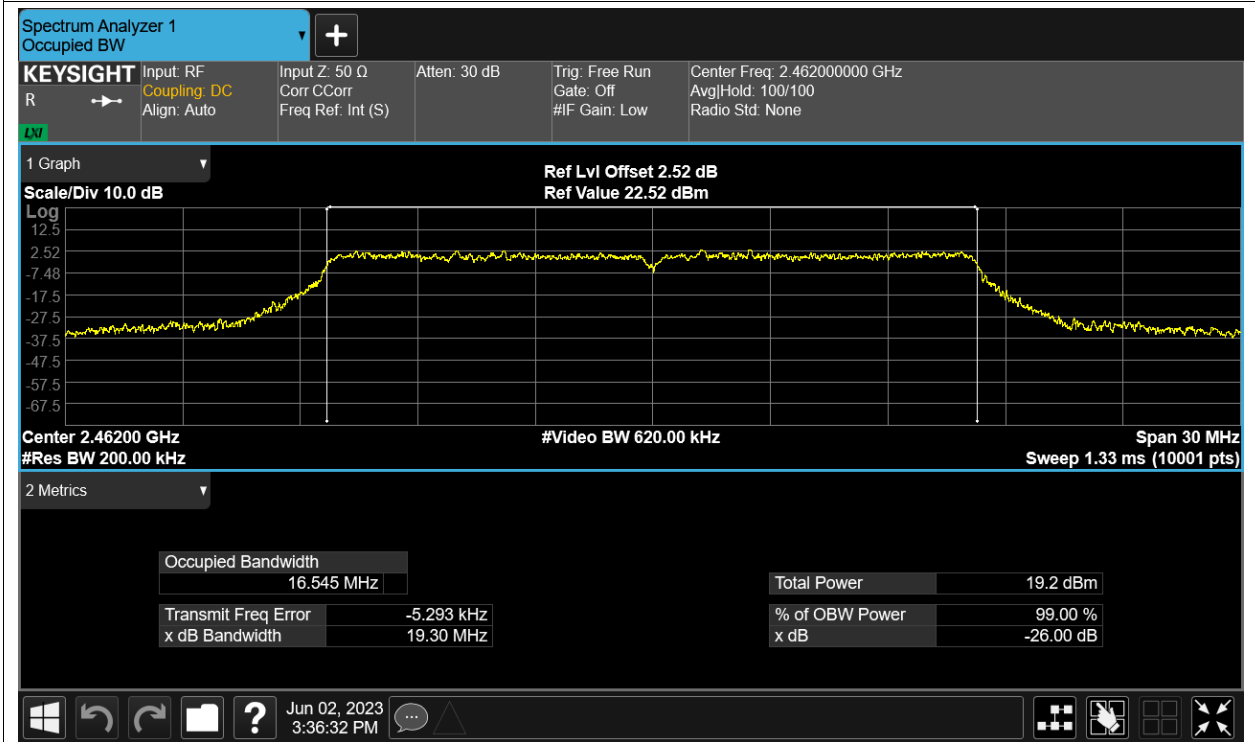
OBW NVNT g 2412MHz Ant2



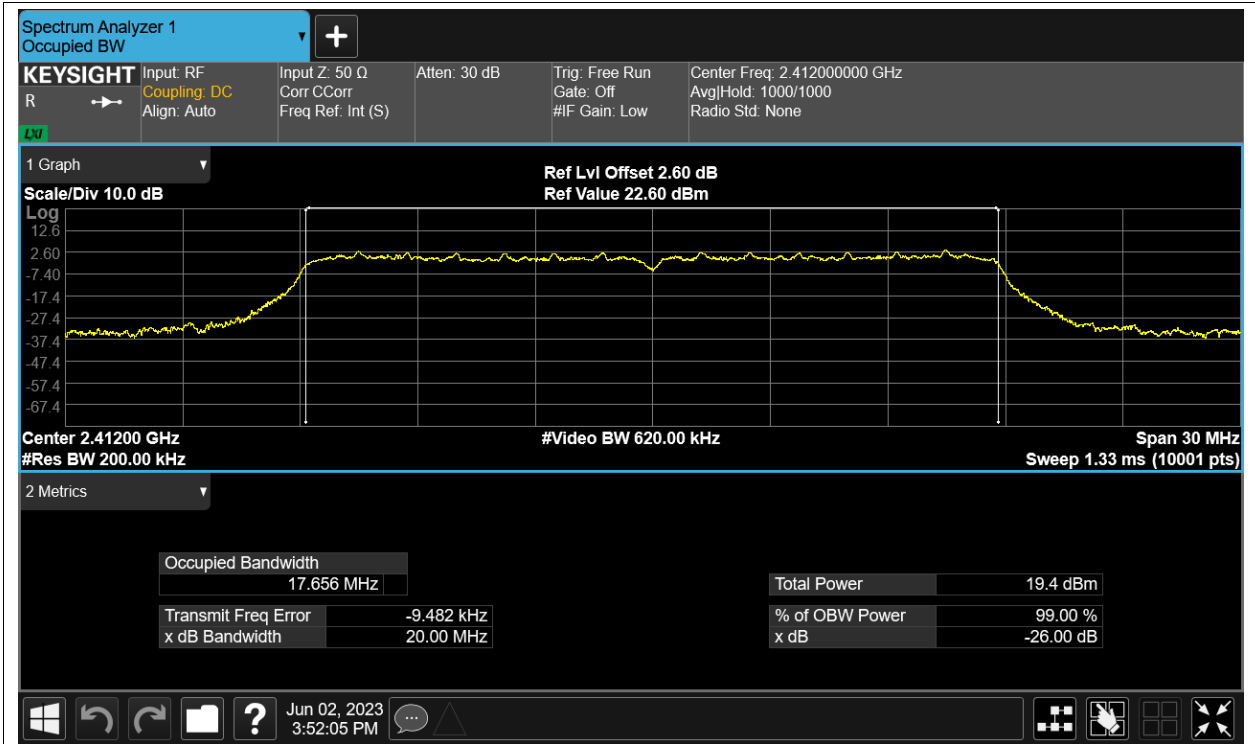
OBW NVNT g 2437MHz Ant2



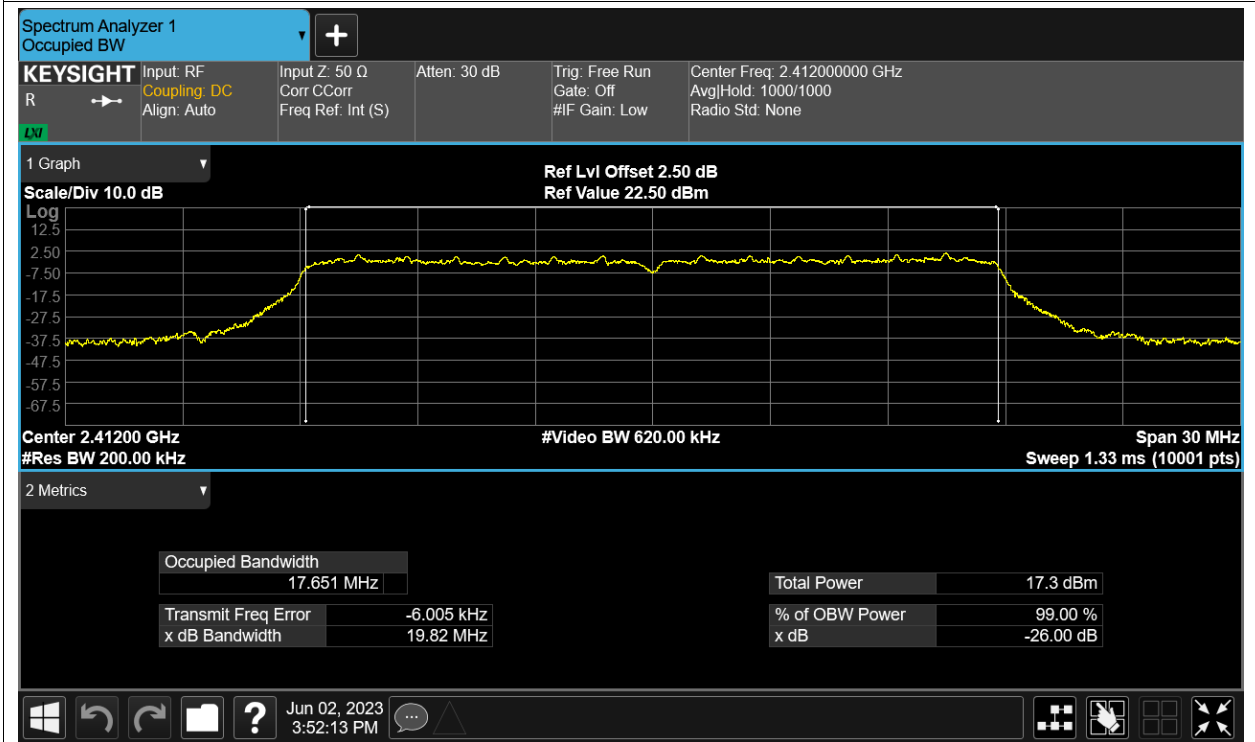
OBW NVNT g 2462MHz Ant2



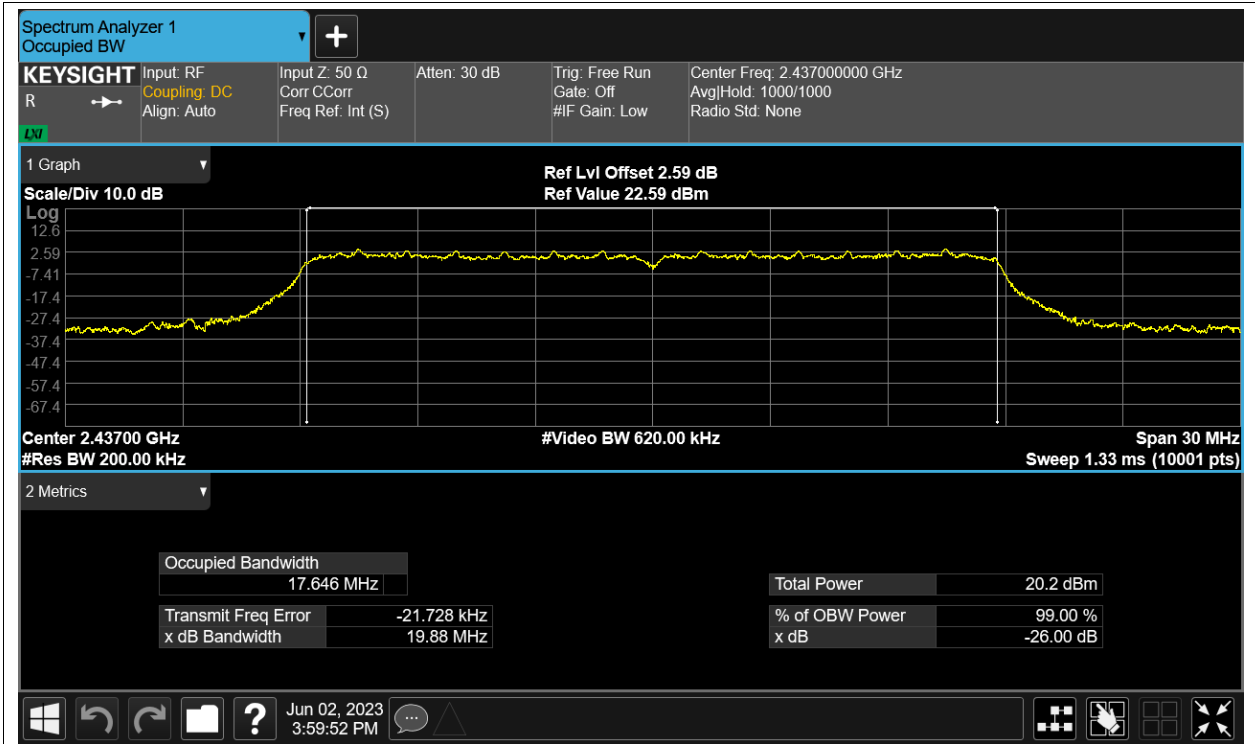
OBW NVNT n20 2412MHz Ant1



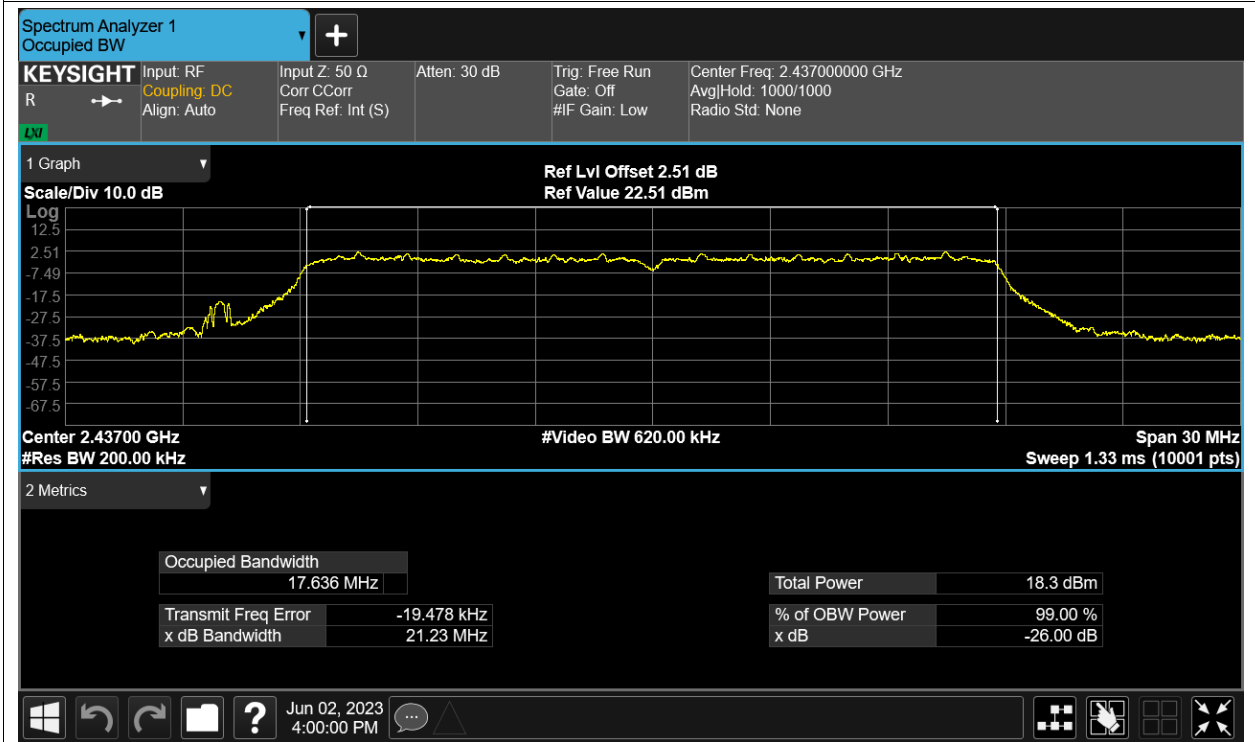
OBW NVNT n20 2412MHz Ant2



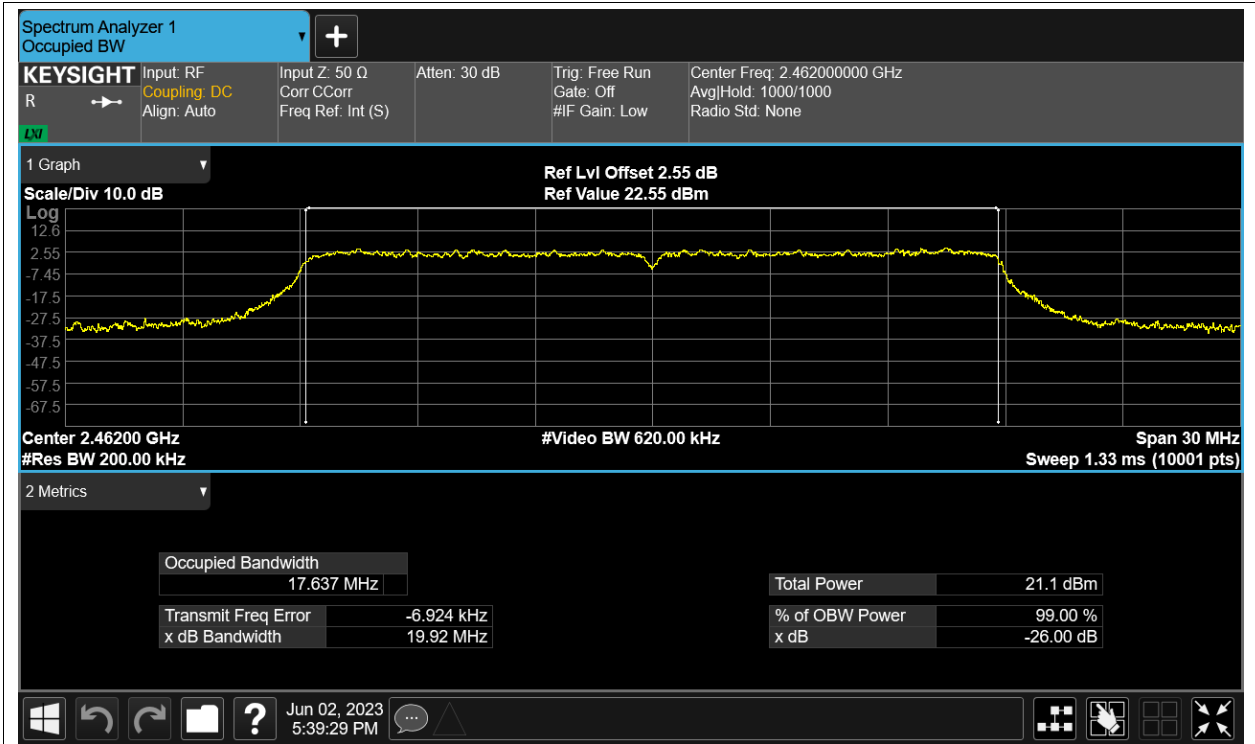
OBW NVNT n20 2437MHz Ant1



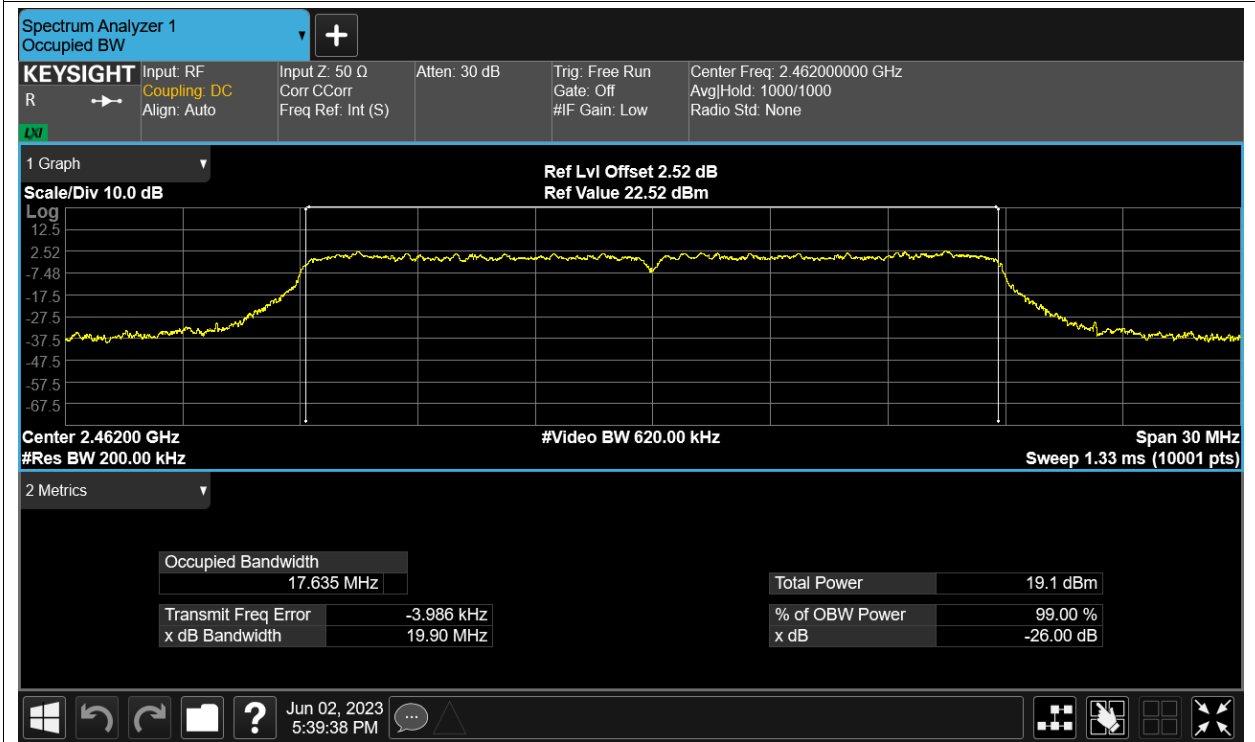
OBW NVNT n20 2437MHz Ant2



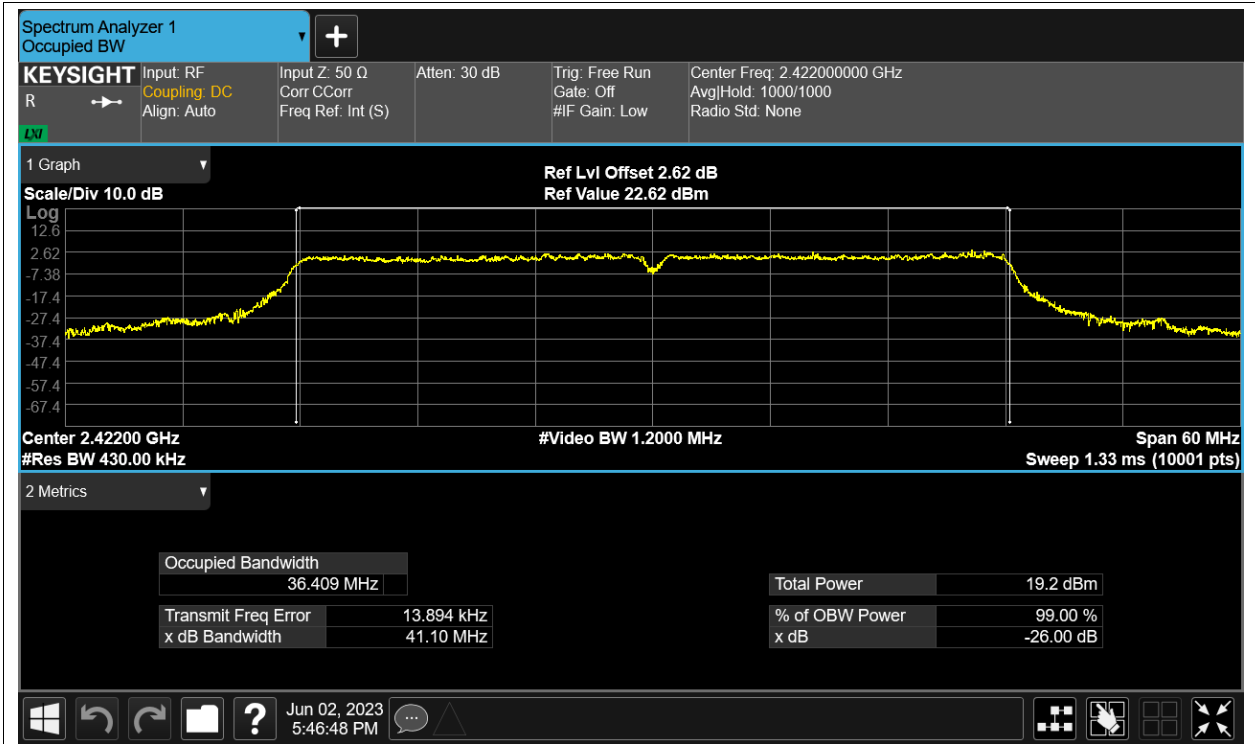
OBW NVNT n20 2462MHz Ant1



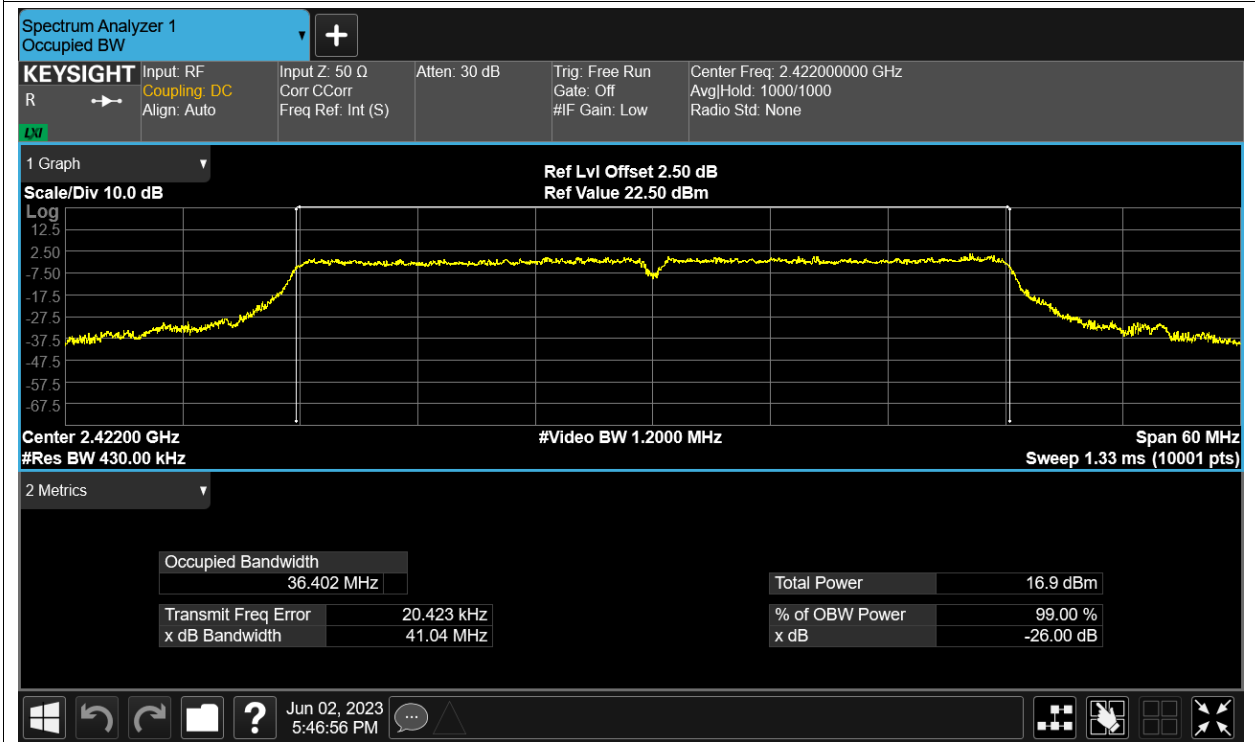
OBW NVNT n20 2462MHz Ant2



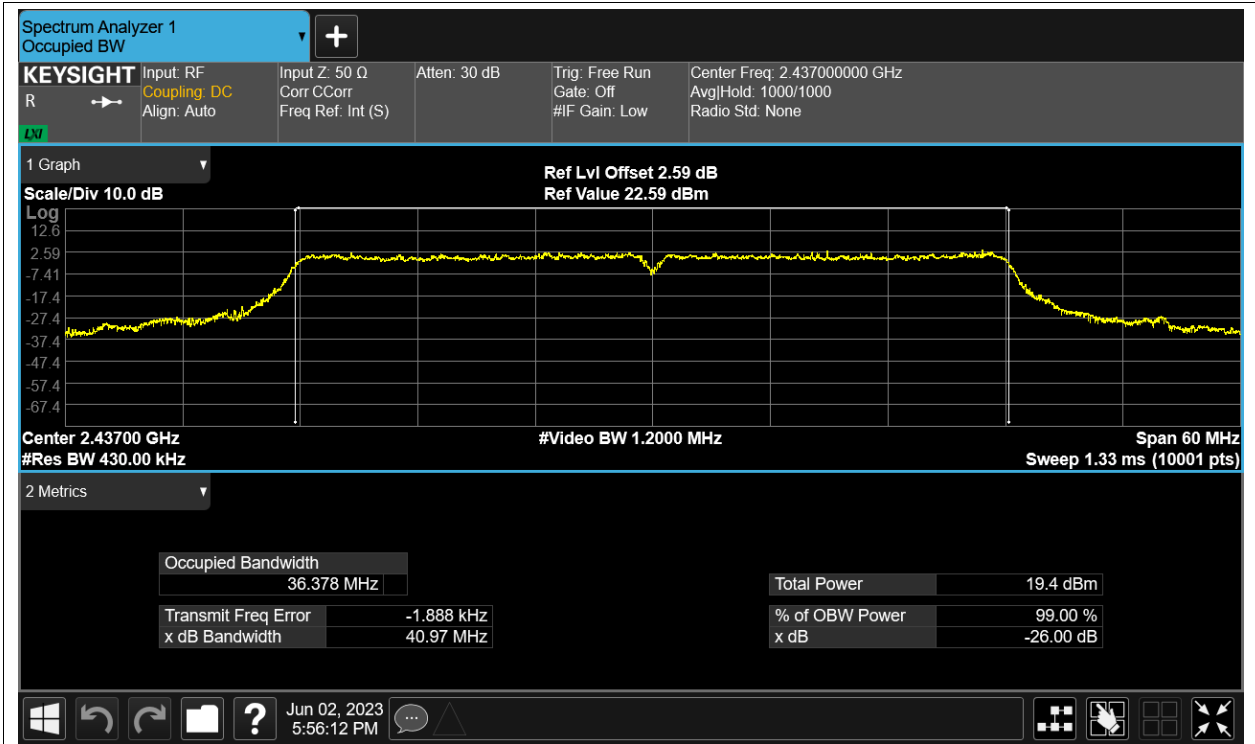
OBW NVNT n40 2422MHz Ant1



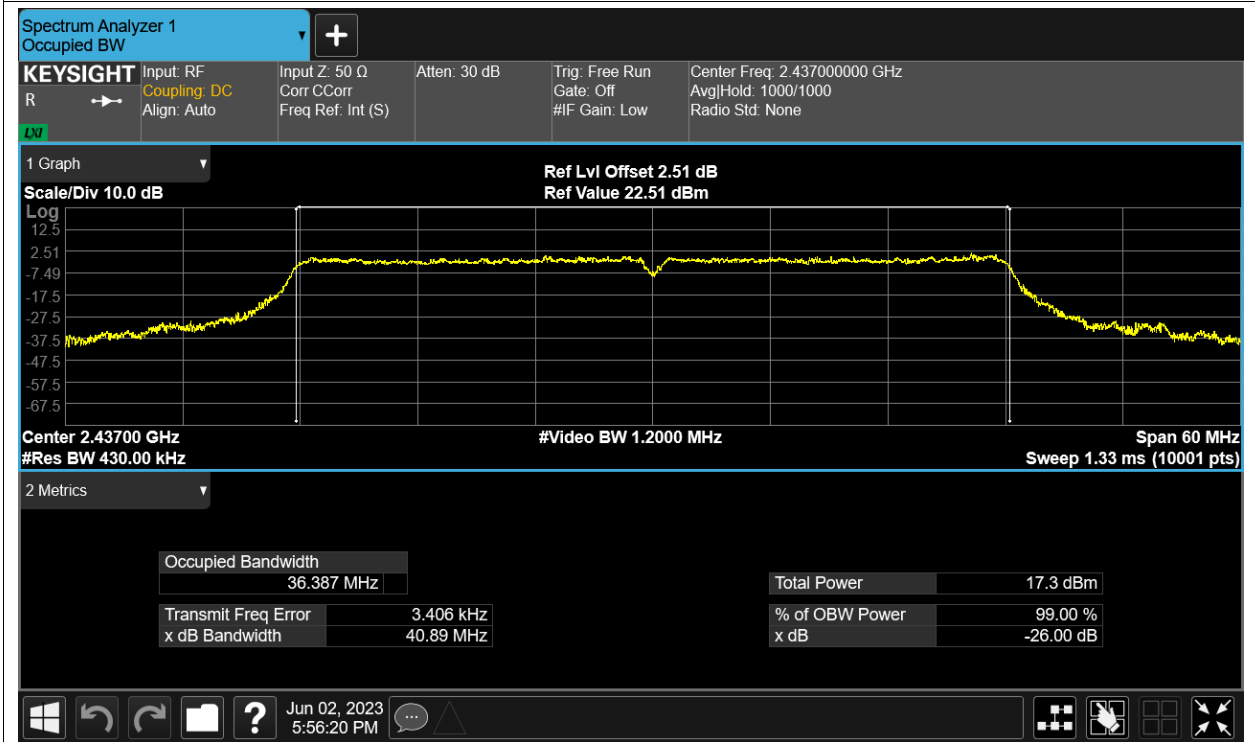
OBW NVNT n40 2422MHz Ant2



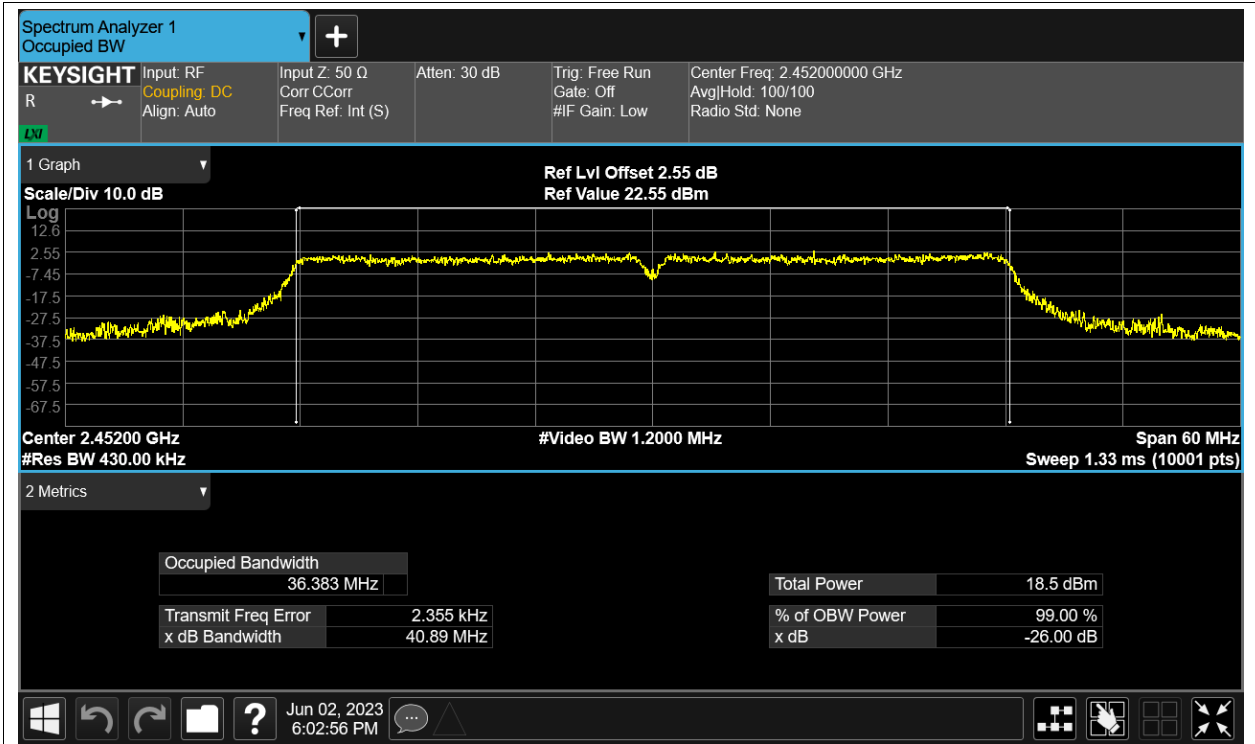
OBW NVNT n40 2437MHz Ant1



OBW NVNT n40 2437MHz Ant2



OBW NVNT n40 2452MHz Ant1



OBW NVNT n40 2452MHz Ant2

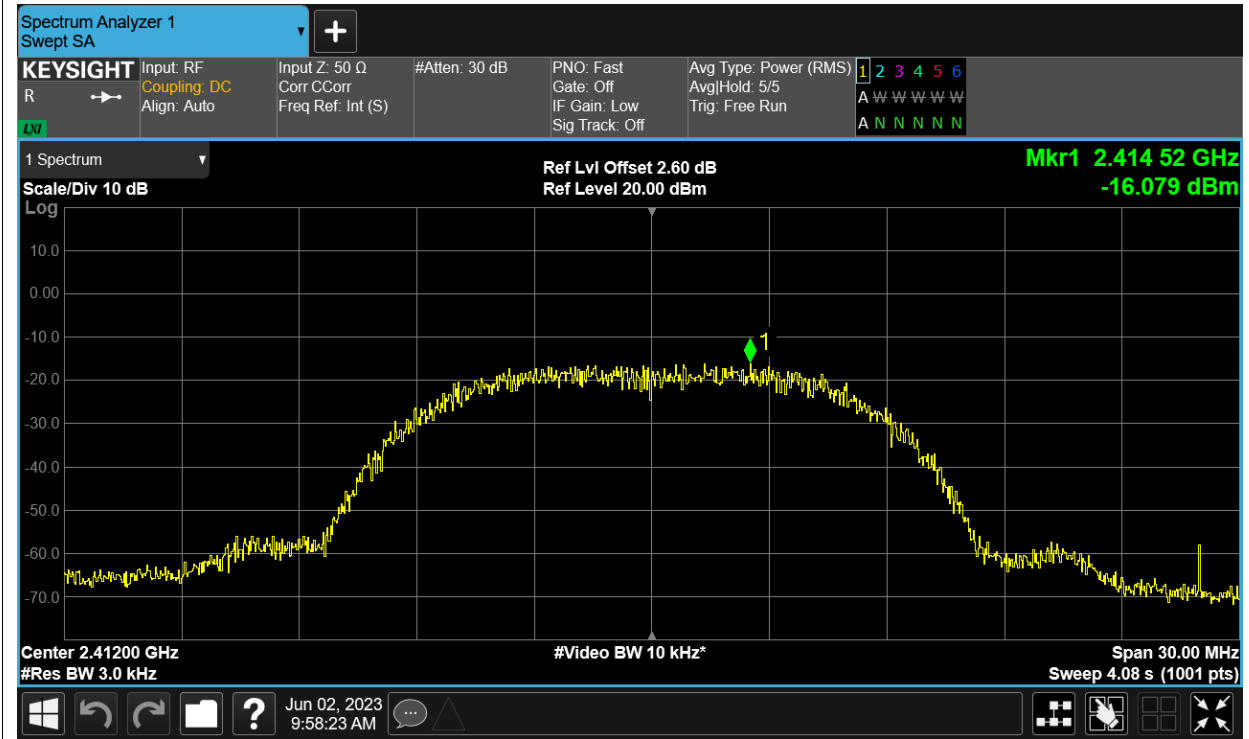


Maximum Power Spectral Density Level

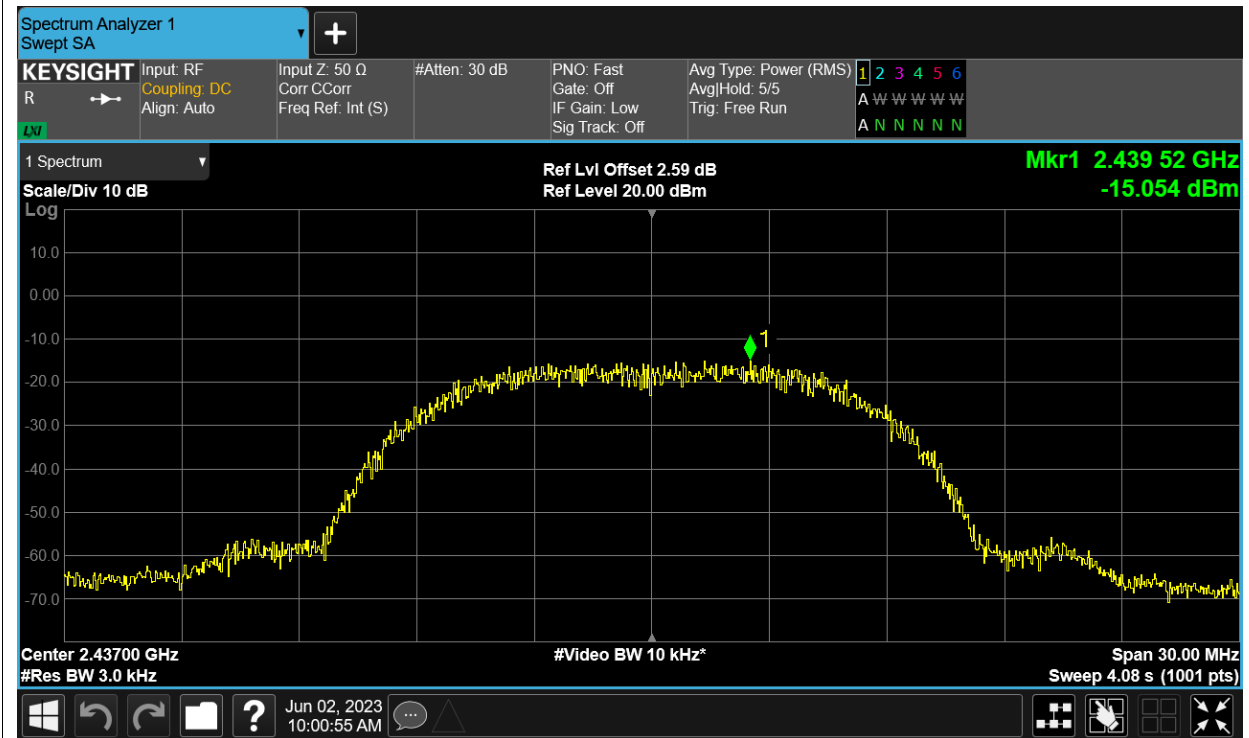
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	-16.079	8	Pass
NVNT	b	2437	Ant1	-15.054	8	Pass
NVNT	b	2462	Ant1	-13.784	8	Pass
NVNT	b	2412	Ant2	-15.967	8	Pass
NVNT	b	2437	Ant2	-15.312	8	Pass
NVNT	b	2462	Ant2	-15.212	8	Pass
NVNT	g	2412	Ant1	-21.286	8	Pass
NVNT	g	2437	Ant1	-20.574	8	Pass
NVNT	g	2462	Ant1	-20.155	8	Pass
NVNT	g	2412	Ant2	-21.826	8	Pass
NVNT	g	2437	Ant2	-21.508	8	Pass
NVNT	g	2462	Ant2	-21.49	8	Pass
NVNT	n20	2412	Ant1	-21.609	8	Pass
NVNT	n20	2412	Ant2	-23.476	8	Pass
NVNT	n20	2412	Sum	-19.433	8	Pass
NVNT	n20	2437	Ant1	-21.45	8	Pass
NVNT	n20	2437	Ant2	-22.675	8	Pass
NVNT	n20	2437	Sum	-19.009	8	Pass
NVNT	n20	2462	Ant1	-20.874	8	Pass
NVNT	n20	2462	Ant2	-22.847	8	Pass
NVNT	n20	2462	Sum	-18.739	8	Pass
NVNT	n40	2422	Ant1	-26.748	8	Pass
NVNT	n40	2422	Ant2	-28.82	8	Pass
NVNT	n40	2422	Sum	-24.651	8	Pass
NVNT	n40	2437	Ant1	-26.091	8	Pass
NVNT	n40	2437	Ant2	-28.776	8	Pass
NVNT	n40	2437	Sum	-24.219	8	Pass
NVNT	n40	2452	Ant1	-26.404	8	Pass
NVNT	n40	2452	Ant2	-27.974	8	Pass
NVNT	n40	2452	Sum	-24.108	8	Pass

Test Graphs

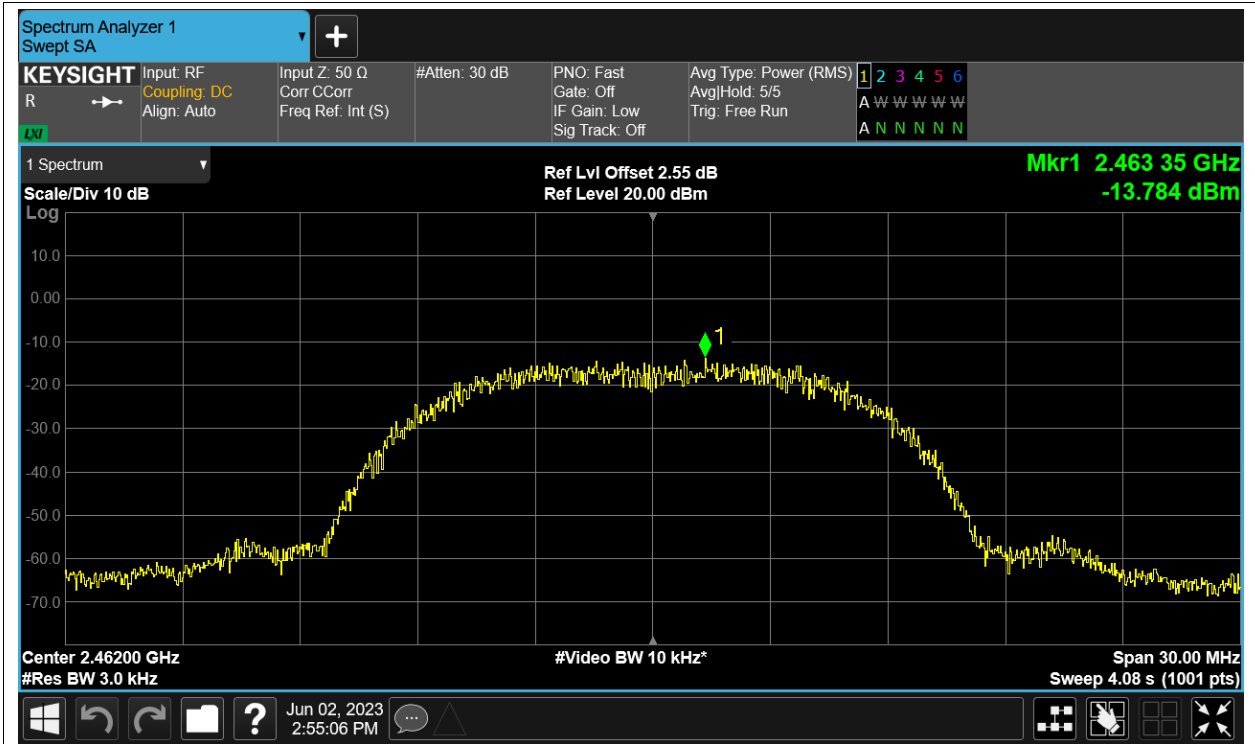
PSD NVNT b 2412MHz Ant1



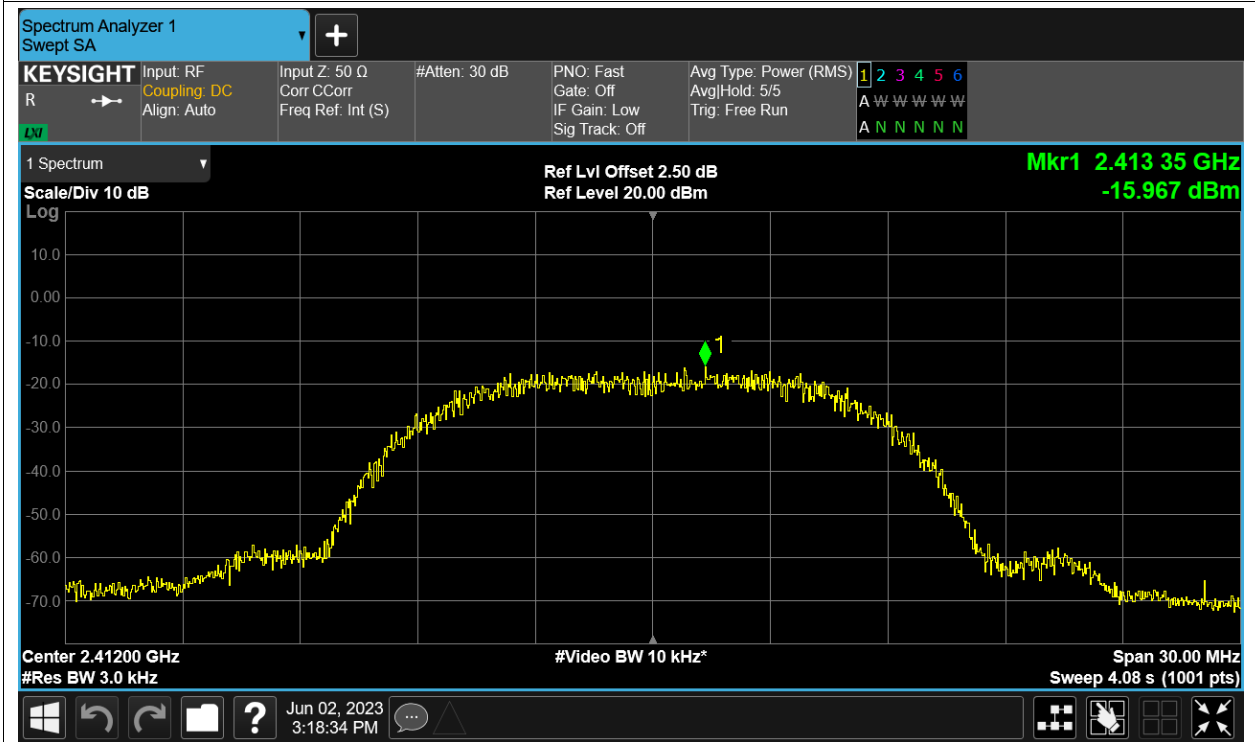
PSD NVNT b 2437MHz Ant1



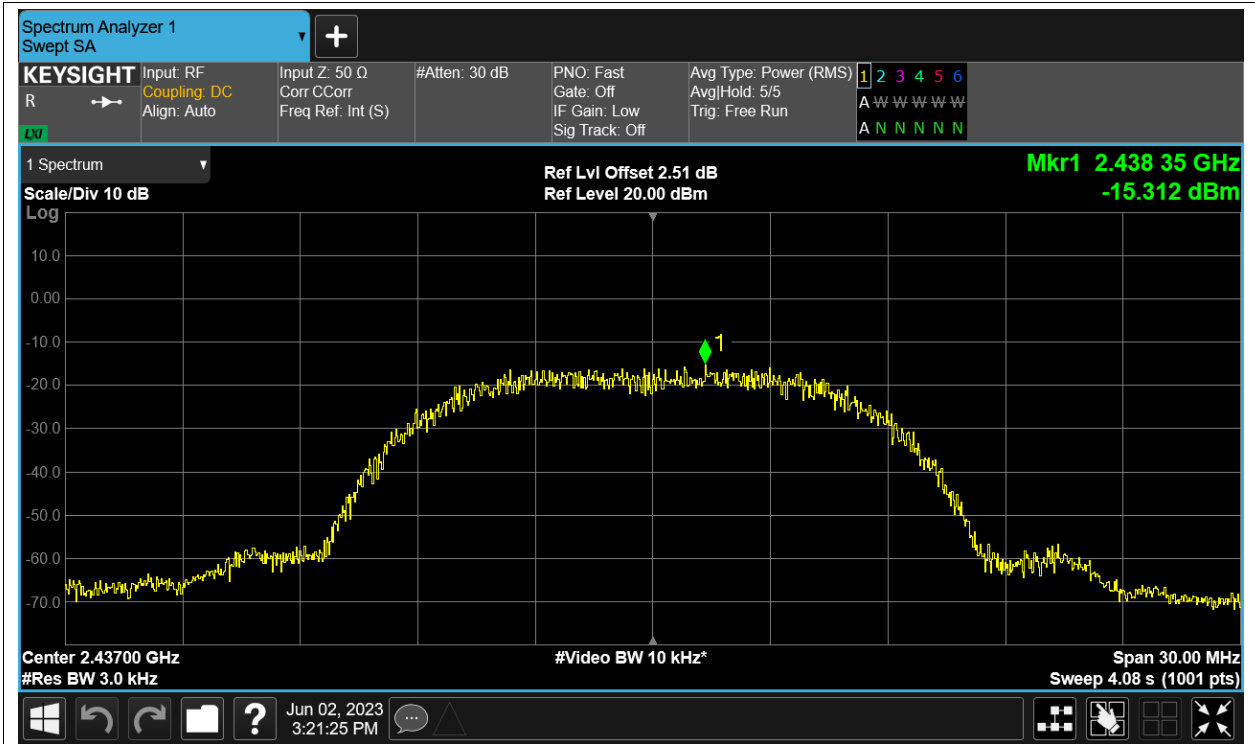
PSD NVNT b 2462MHz Ant1



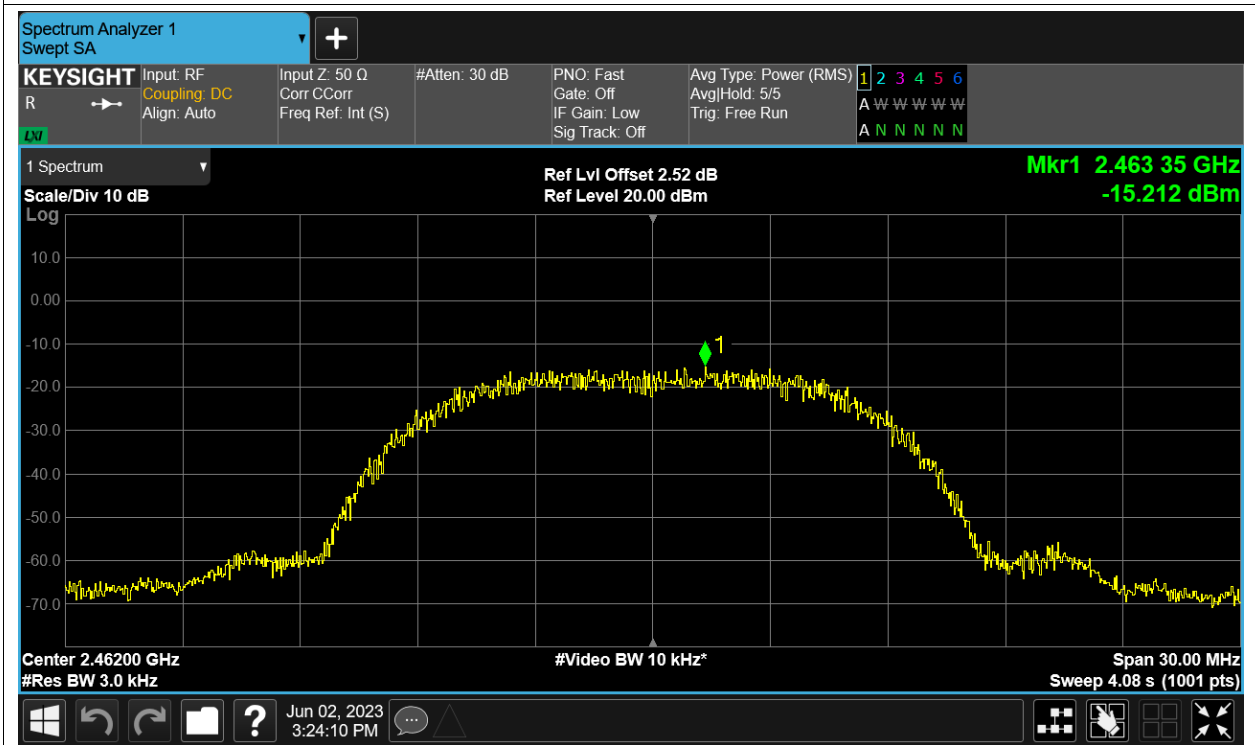
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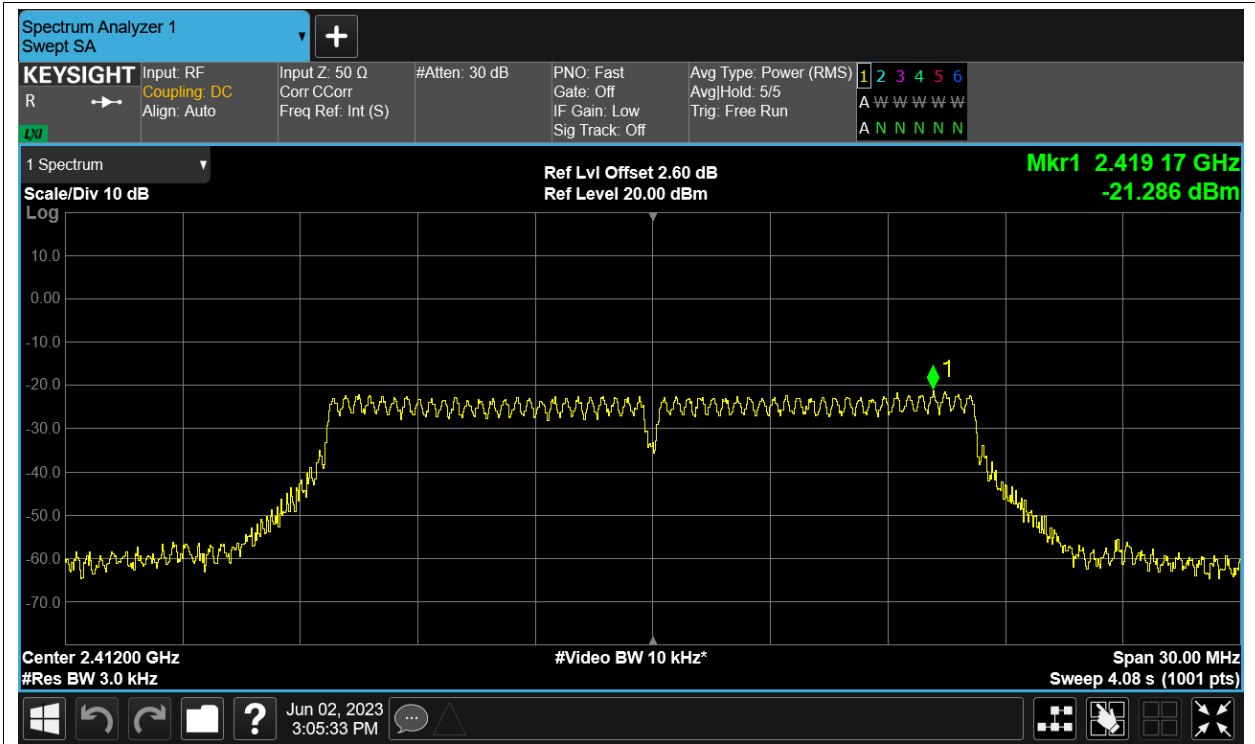
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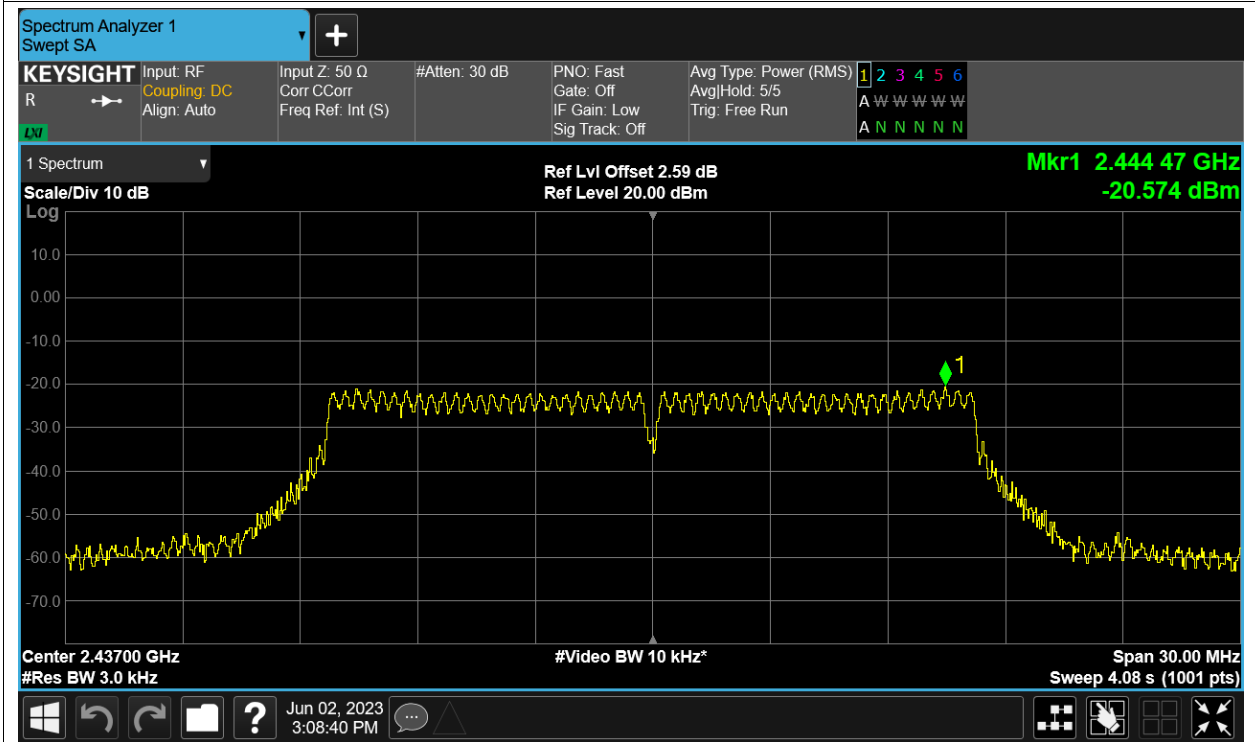
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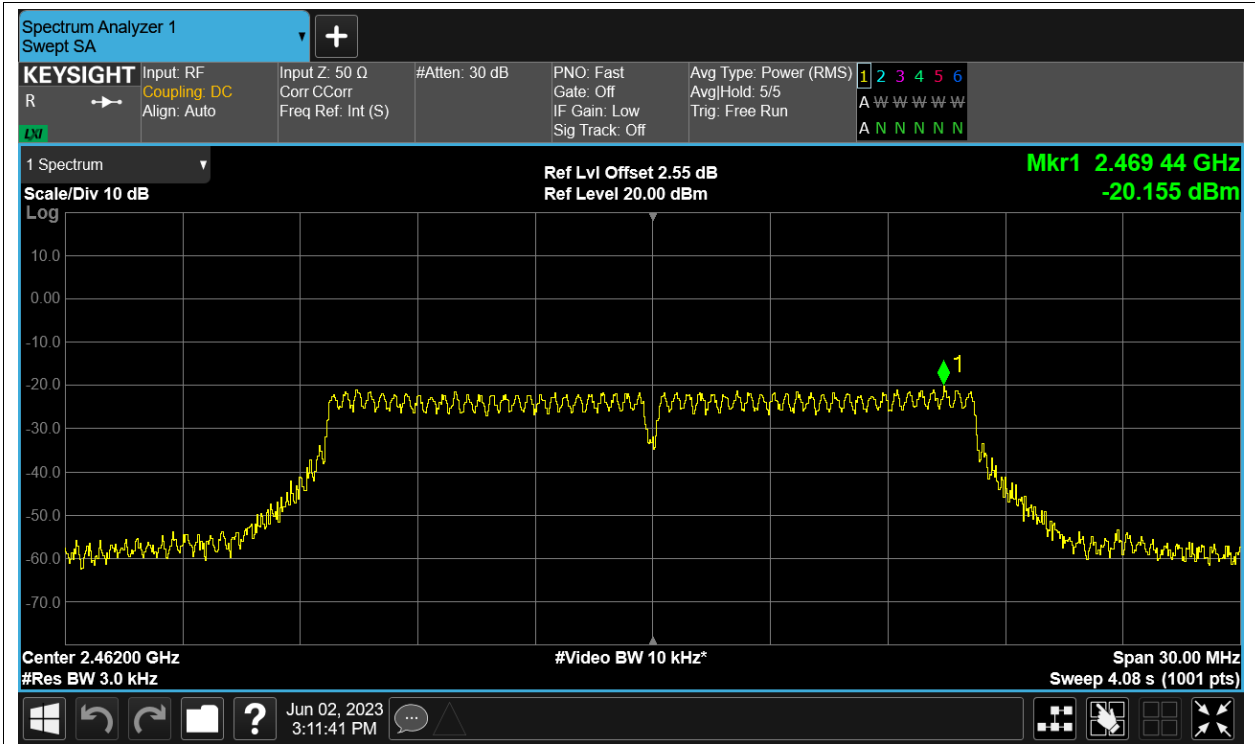
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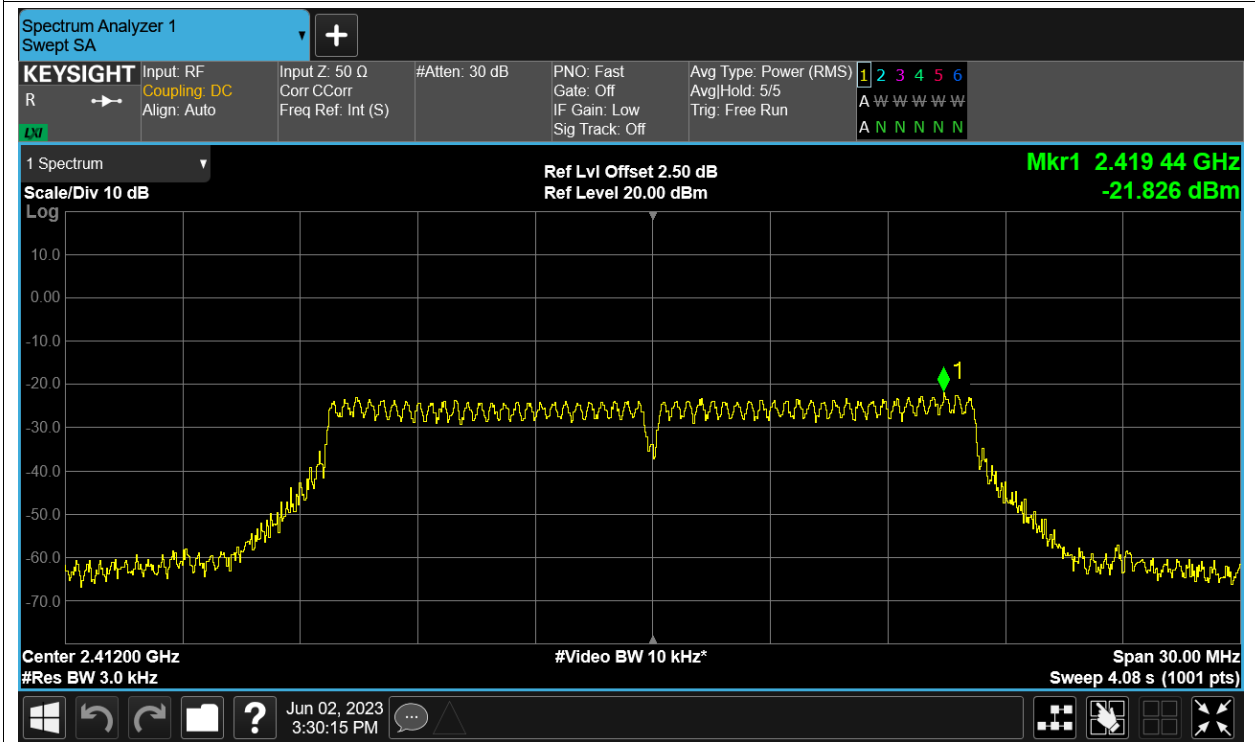
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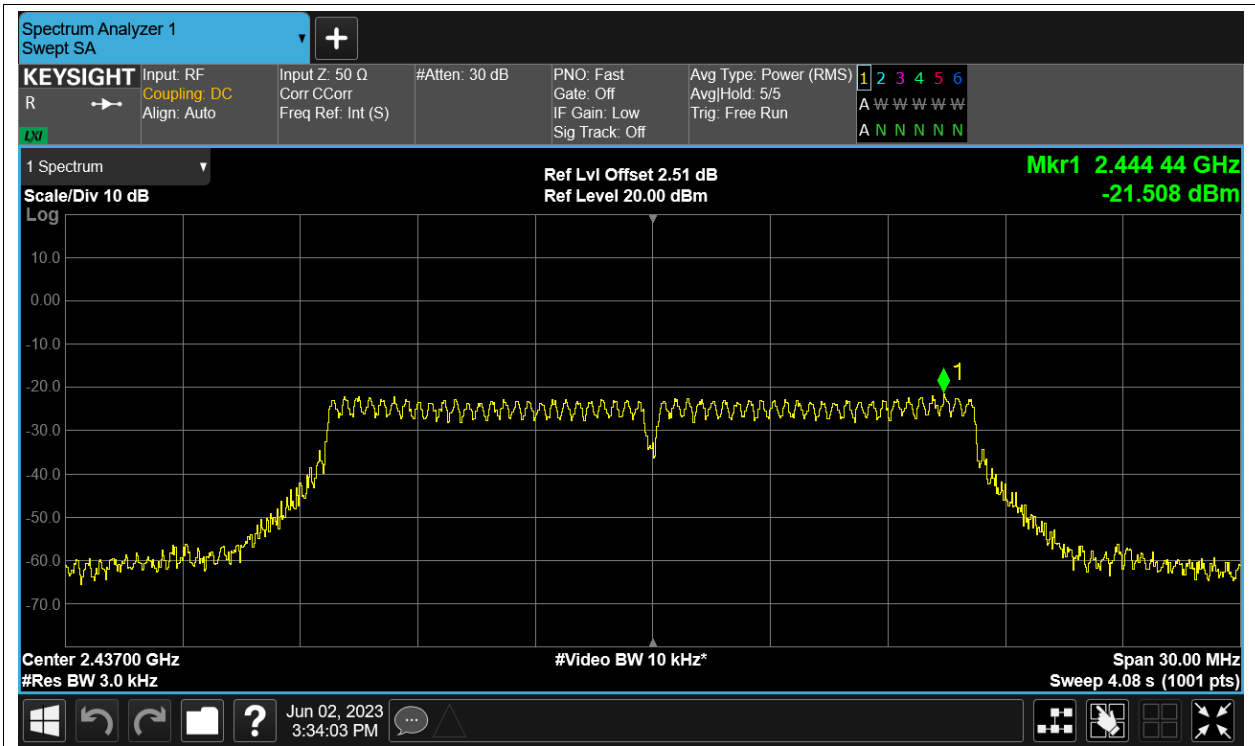
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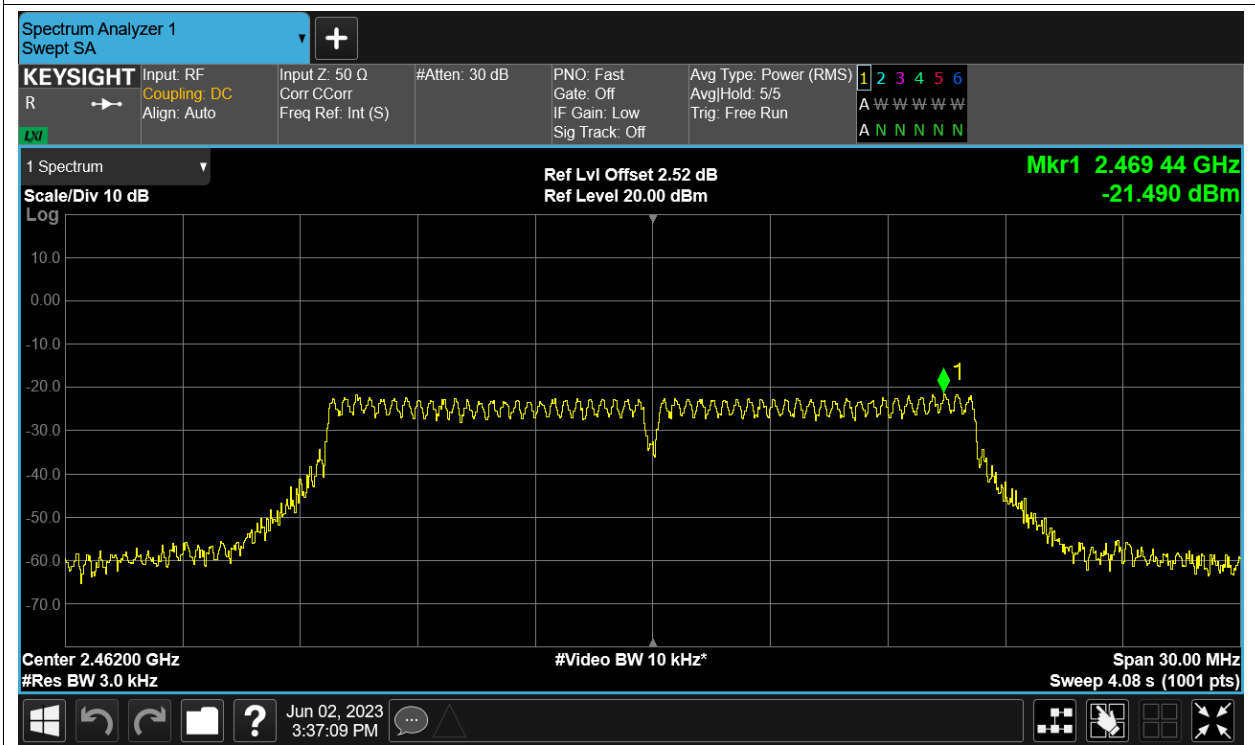
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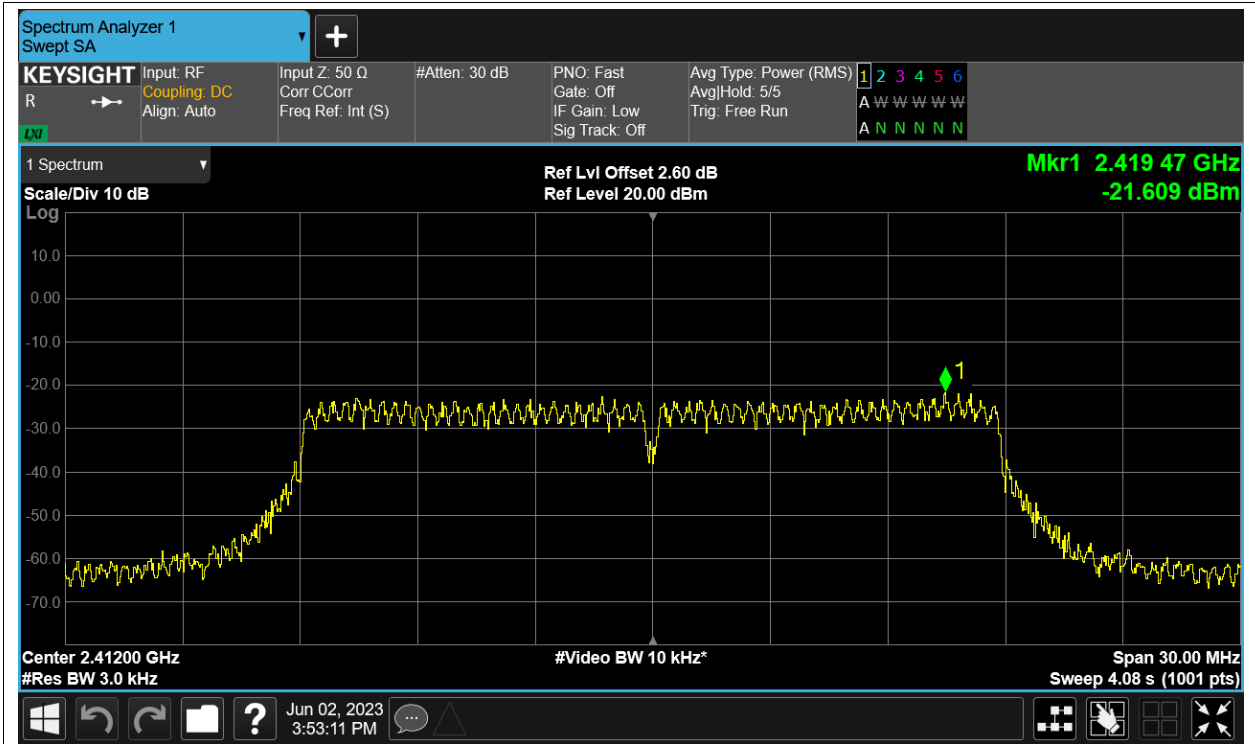
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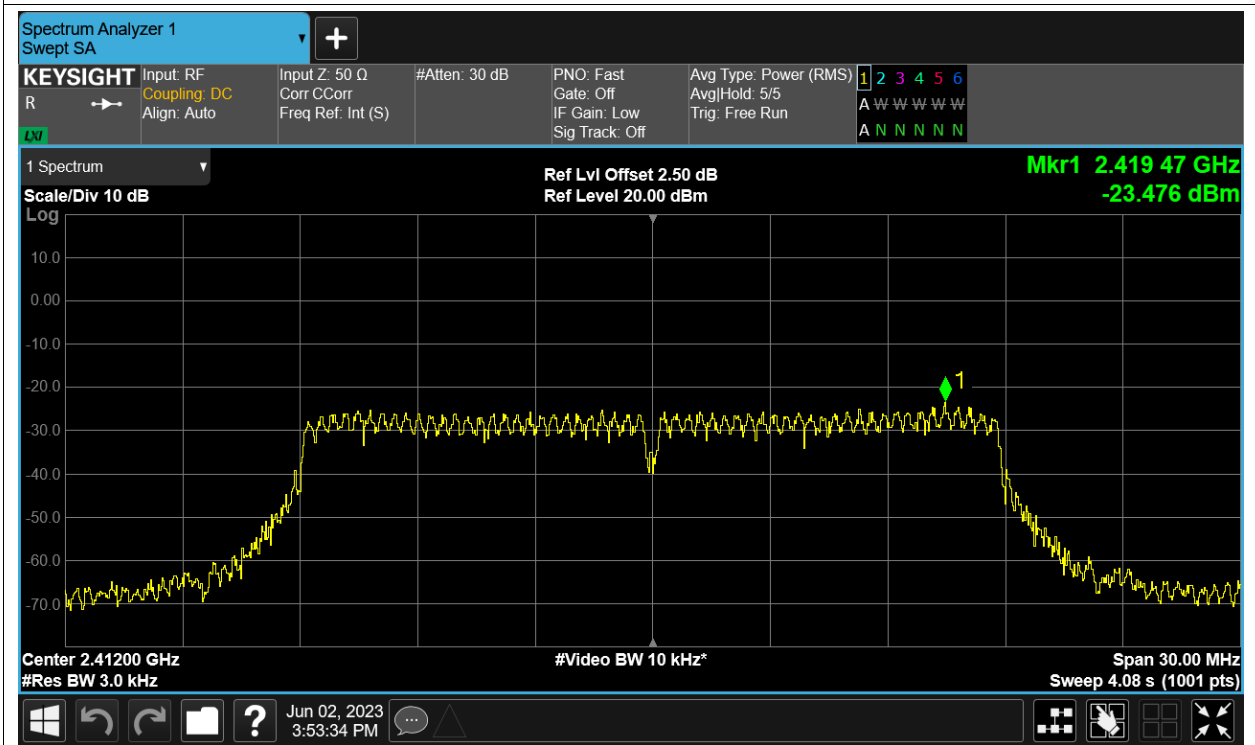
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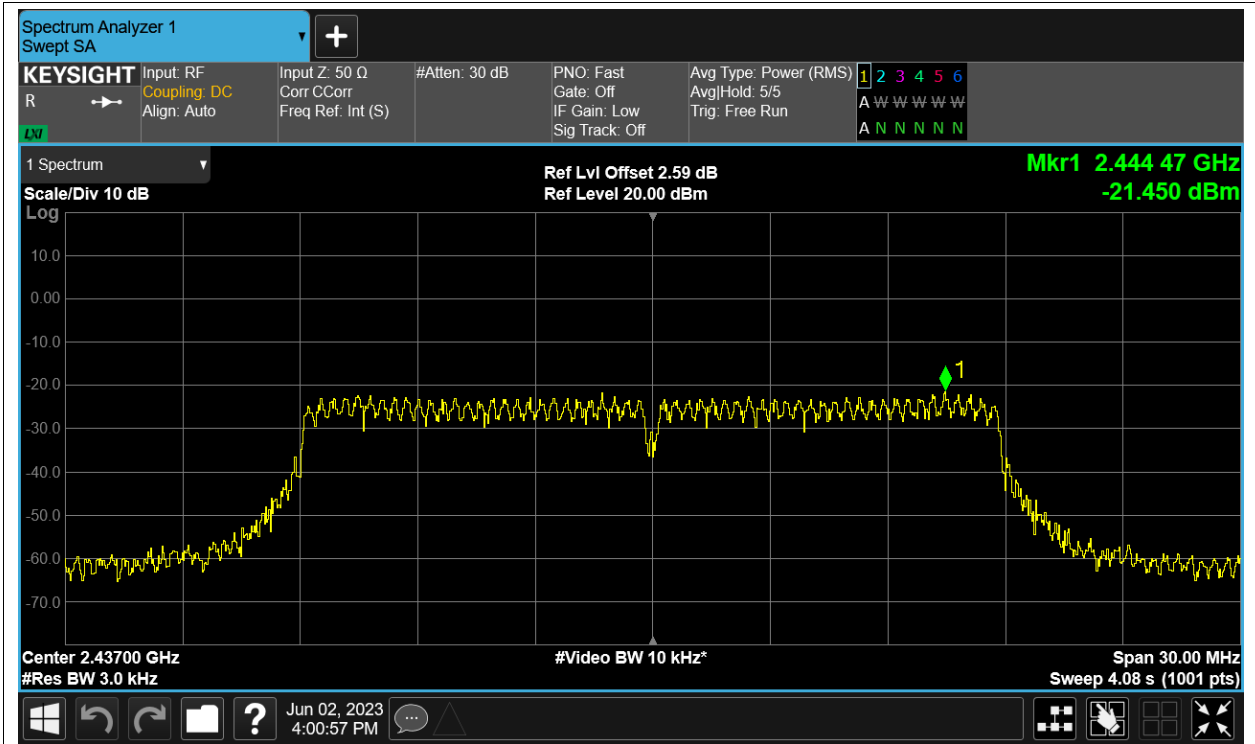
PSD NVNT n20 2412MHz Ant1



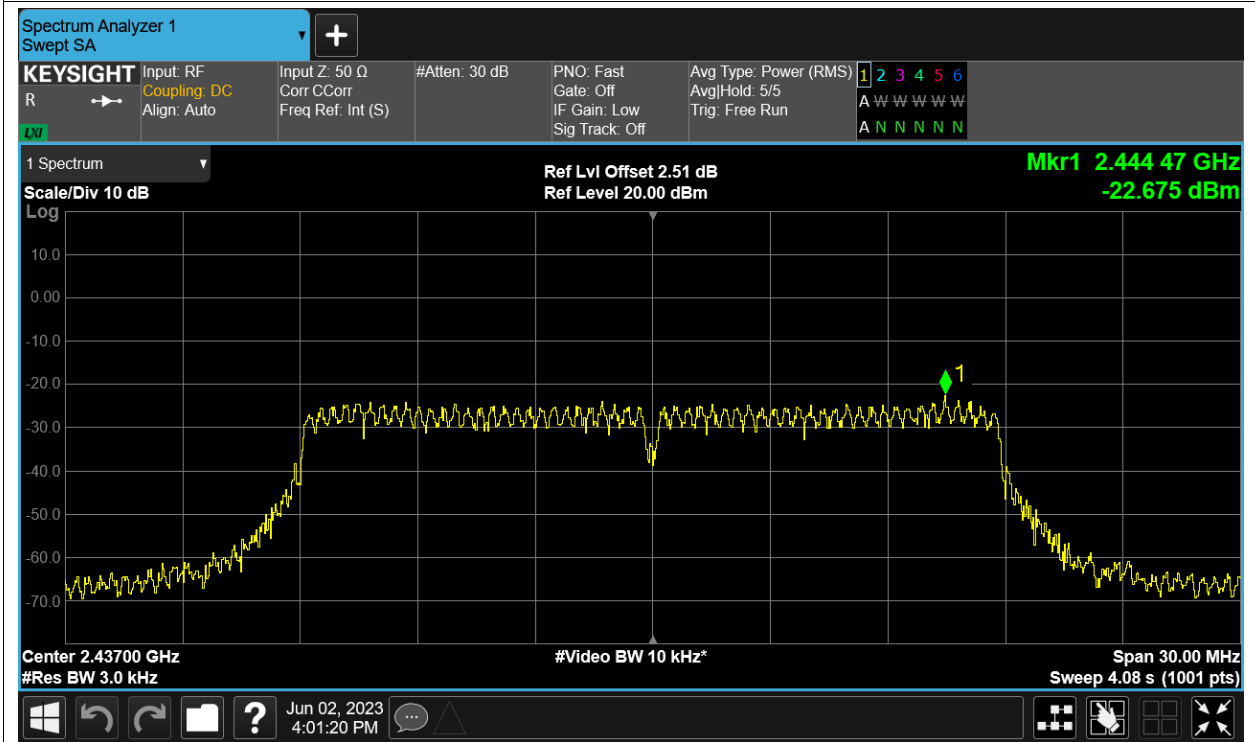
PSD NVNT n20 2412MHz Ant2



PSD NVNT n20 2437MHz Ant1



PSD NVNT n20 2437MHz Ant2



PSD NVNT n20 2462MHz Ant1