

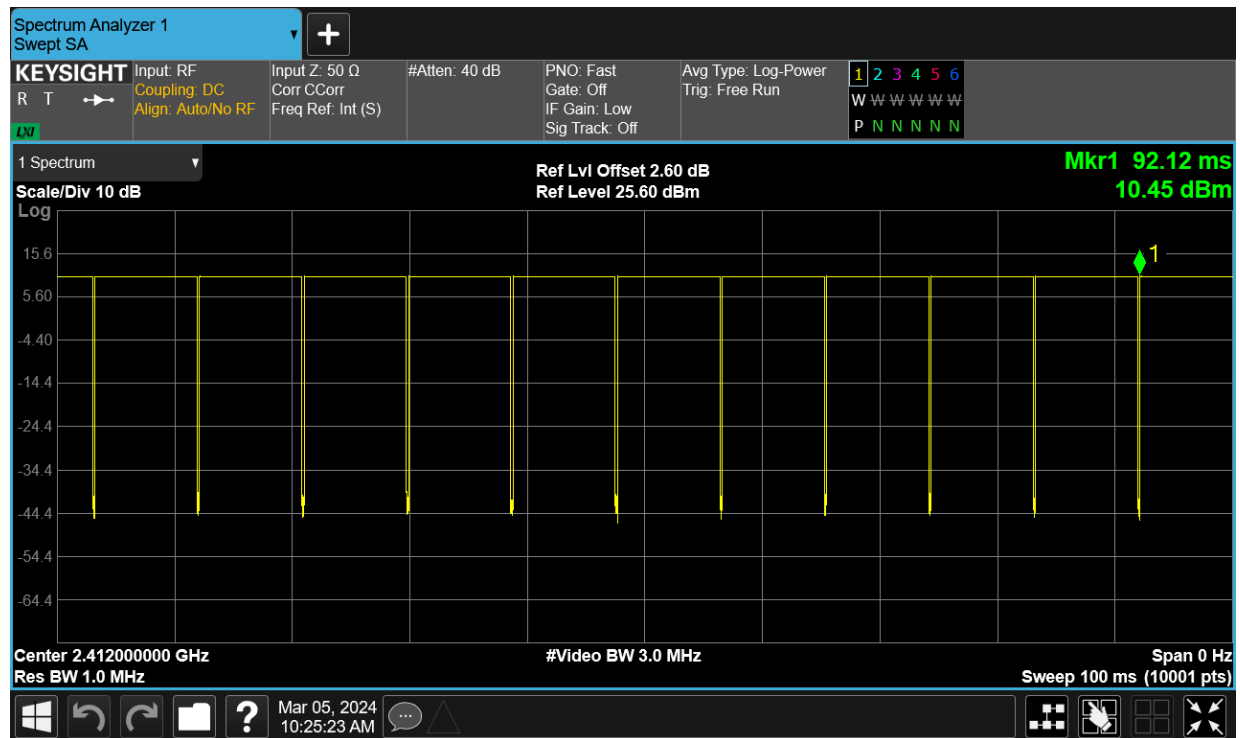
Test Data

Duty Cycle

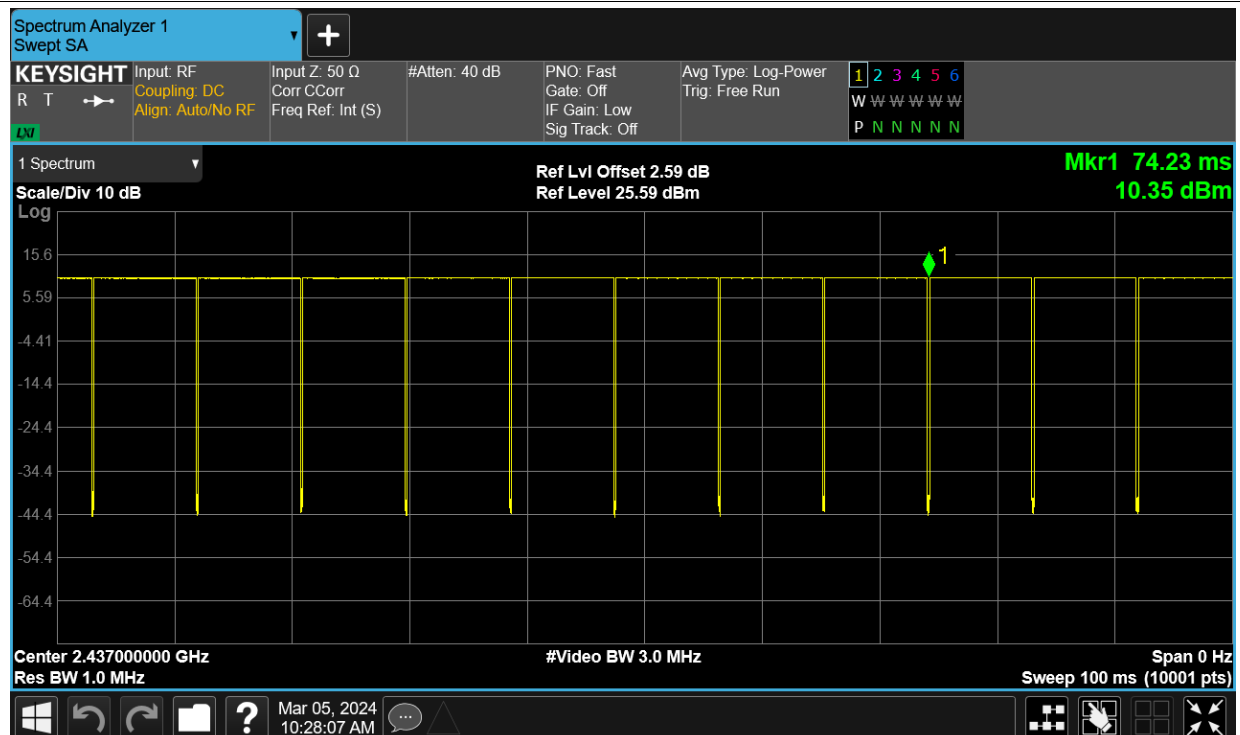
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	b	2412	Ant1	98	0.09
NVNT	b	2437	Ant1	98.01	0.09
NVNT	b	2462	Ant1	98.04	0.09
NVNT	b	2412	Ant2	98.03	0.09
NVNT	b	2437	Ant2	98.06	0.09
NVNT	b	2462	Ant2	98.13	0.08
NVNT	g	2412	Ant1	88.39	0.54
NVNT	g	2437	Ant1	88.38	0.54
NVNT	g	2462	Ant1	88.38	0.54
NVNT	g	2412	Ant2	88.38	0.54
NVNT	g	2437	Ant2	88.44	0.53
NVNT	g	2462	Ant2	88.38	0.54
NVNT	n20	2412	Sum	66.32	1.78
NVNT	n20	2437	Sum	66.26	1.79
NVNT	n20	2462	Sum	66.34	1.78
NVNT	n40	2422	Sum	52.08	2.83
NVNT	n40	2437	Sum	52.08	2.83
NVNT	n40	2452	Sum	52.14	2.83

Test Graphs

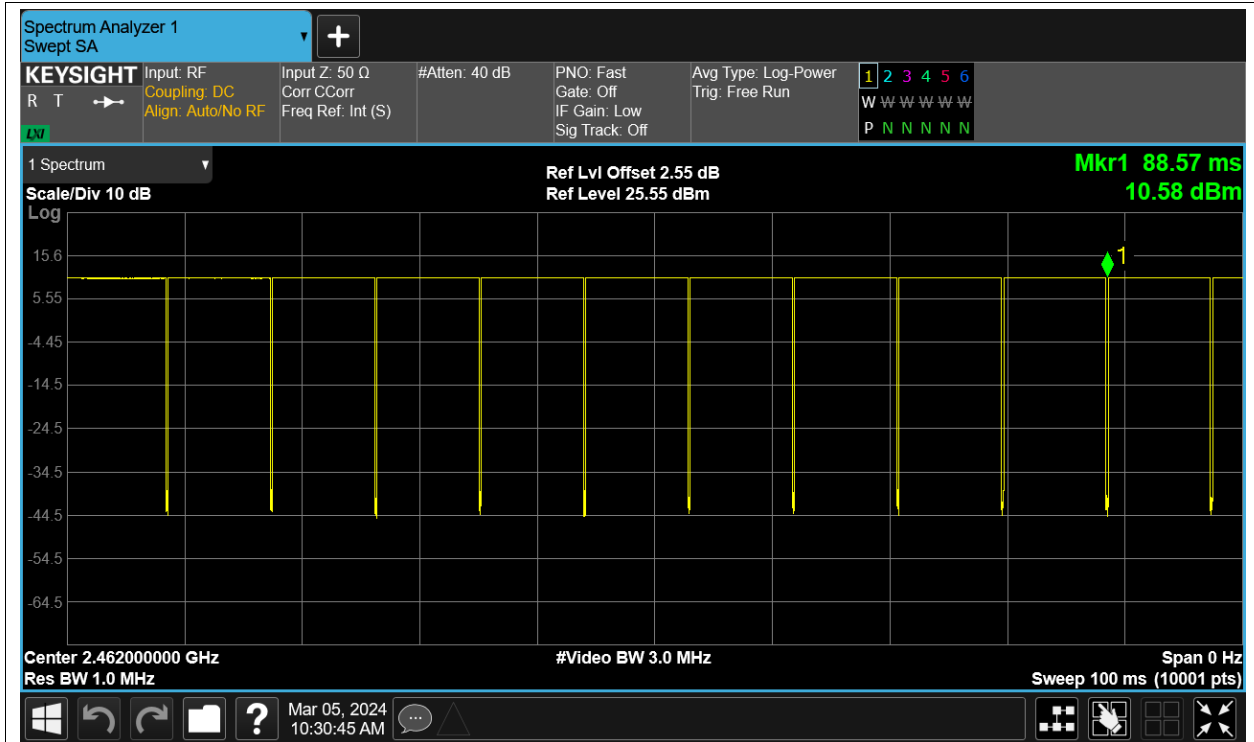
Duty Cycle NVNT b 2412MHz Ant1



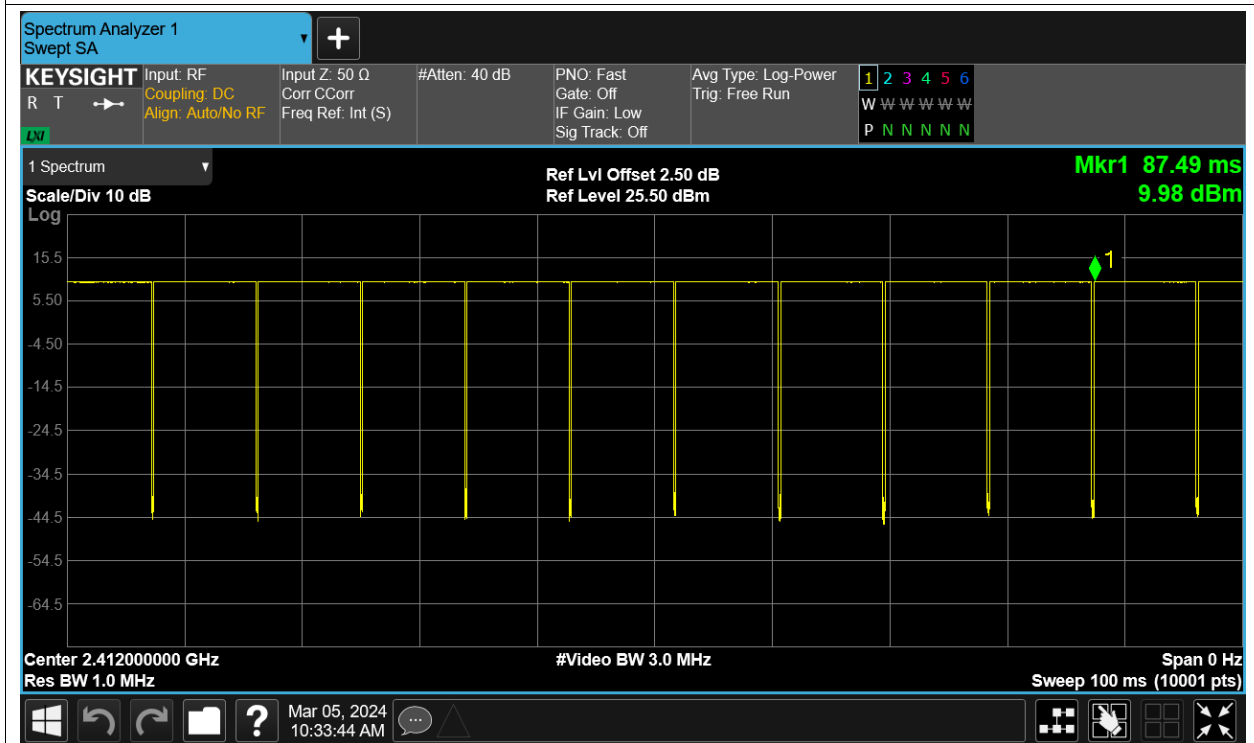
Duty Cycle NVNT b 2437MHz Ant1



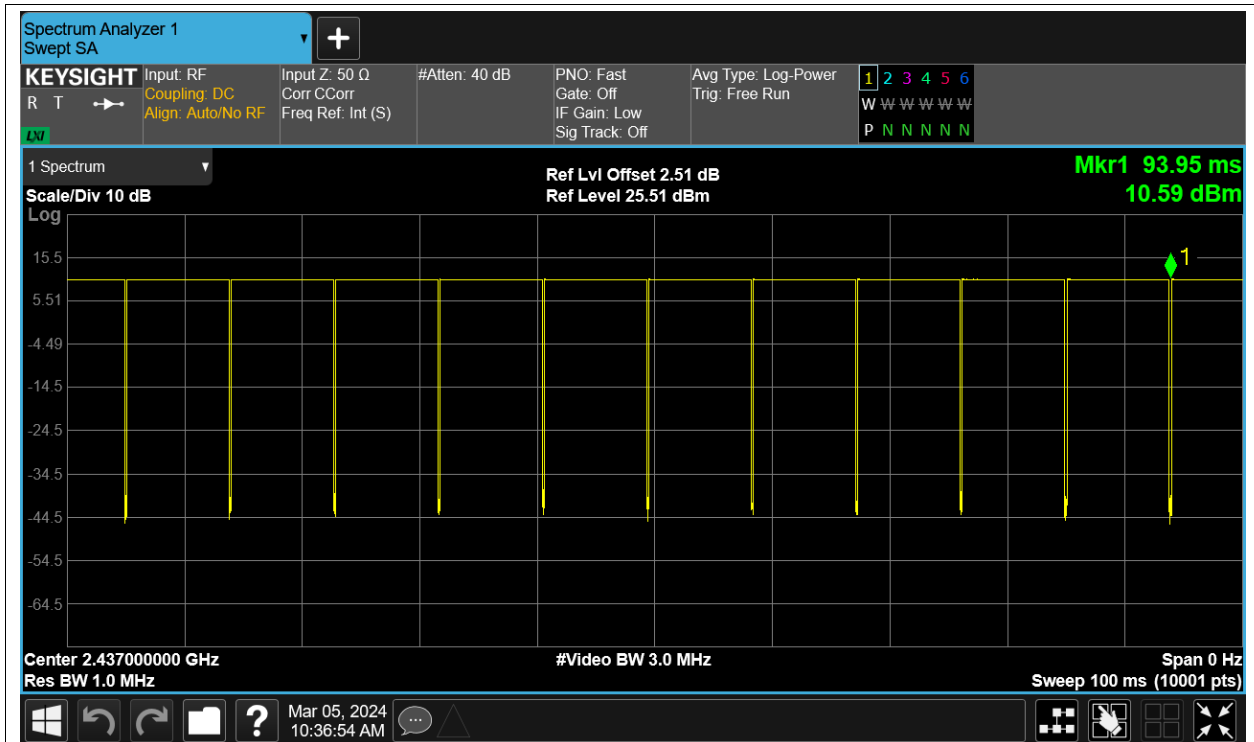
Duty Cycle NVNT b 2462MHz Ant1



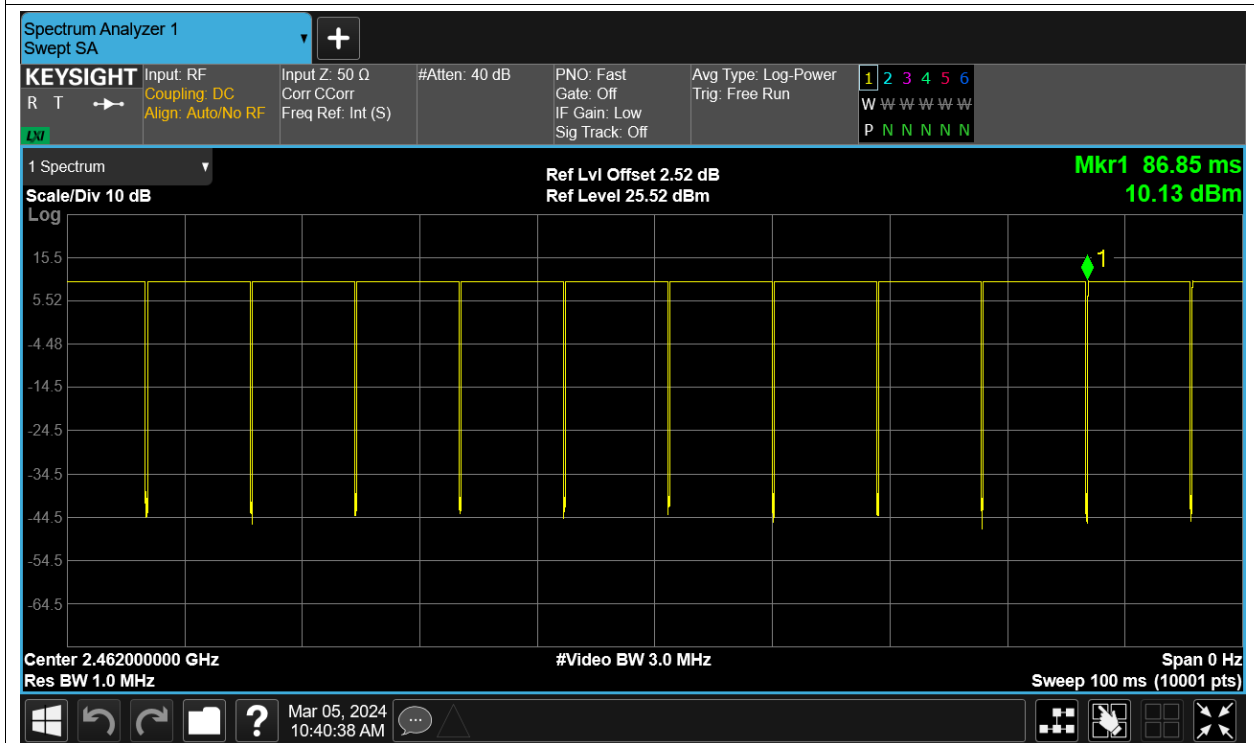
Duty Cycle NVNT b 2412MHz Ant2



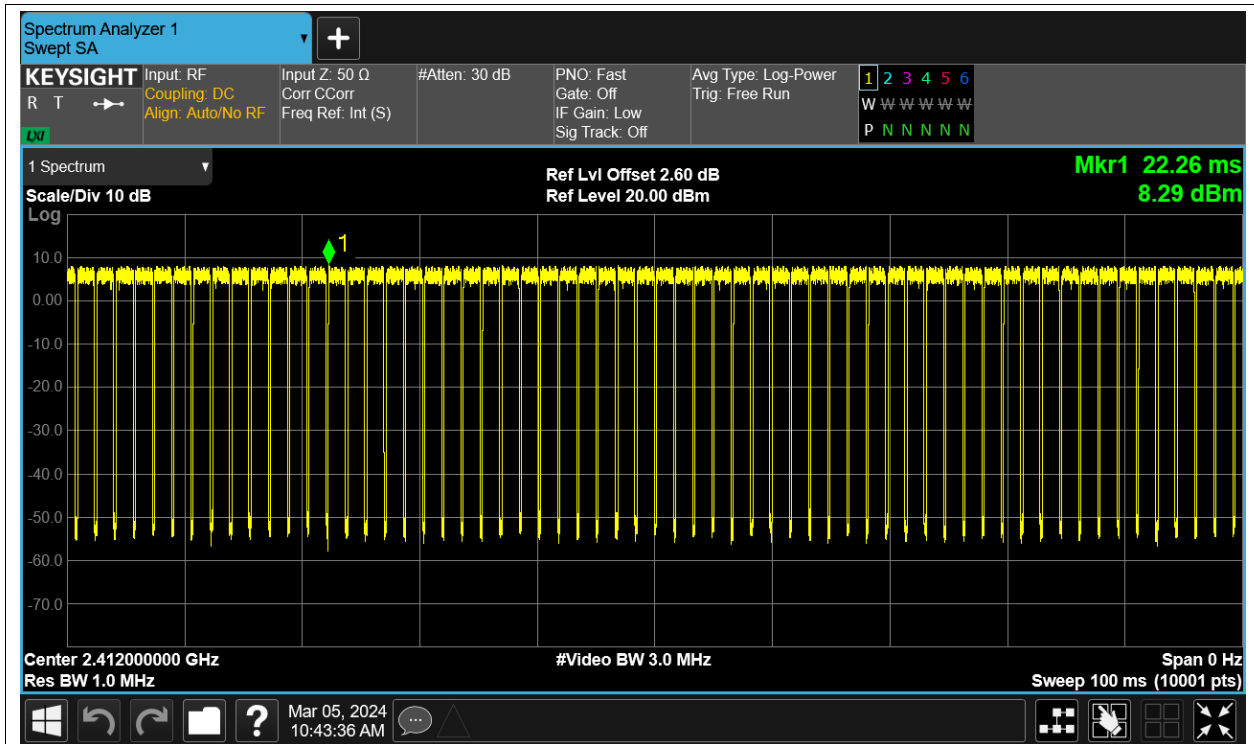
Duty Cycle NVNT b 2437MHz Ant2



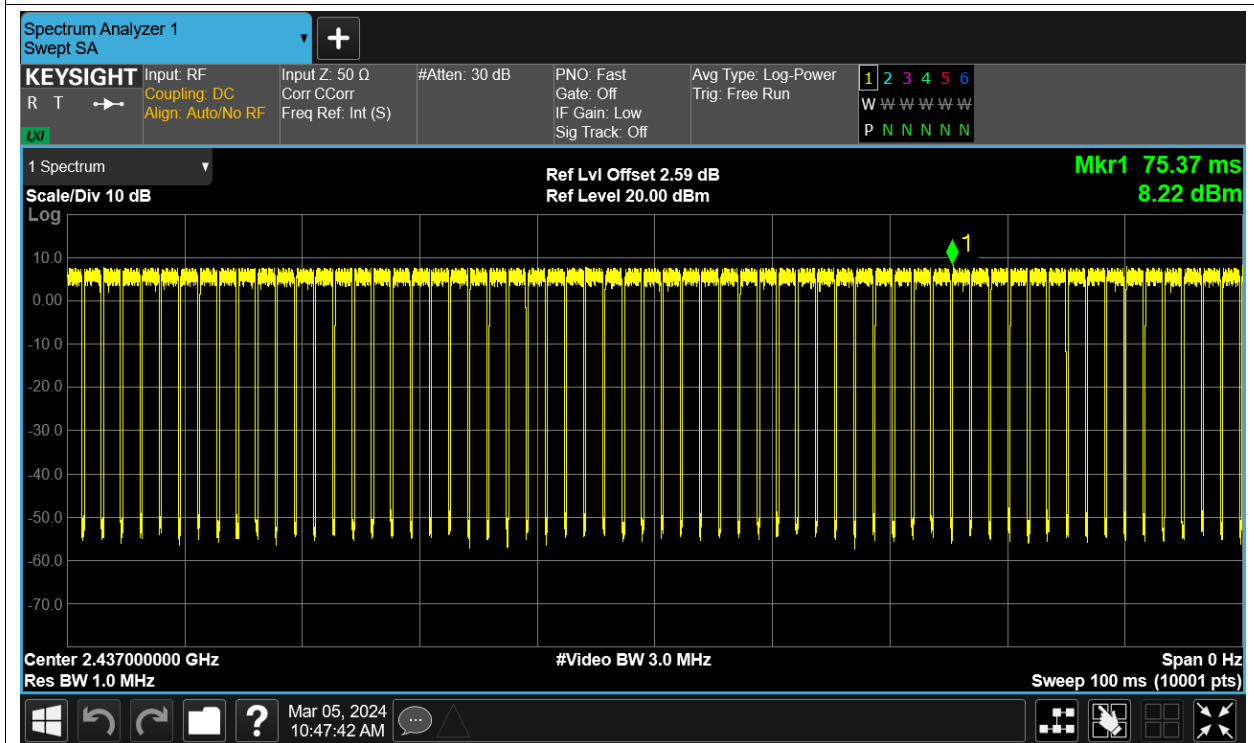
Duty Cycle NVNT b 2462MHz Ant2



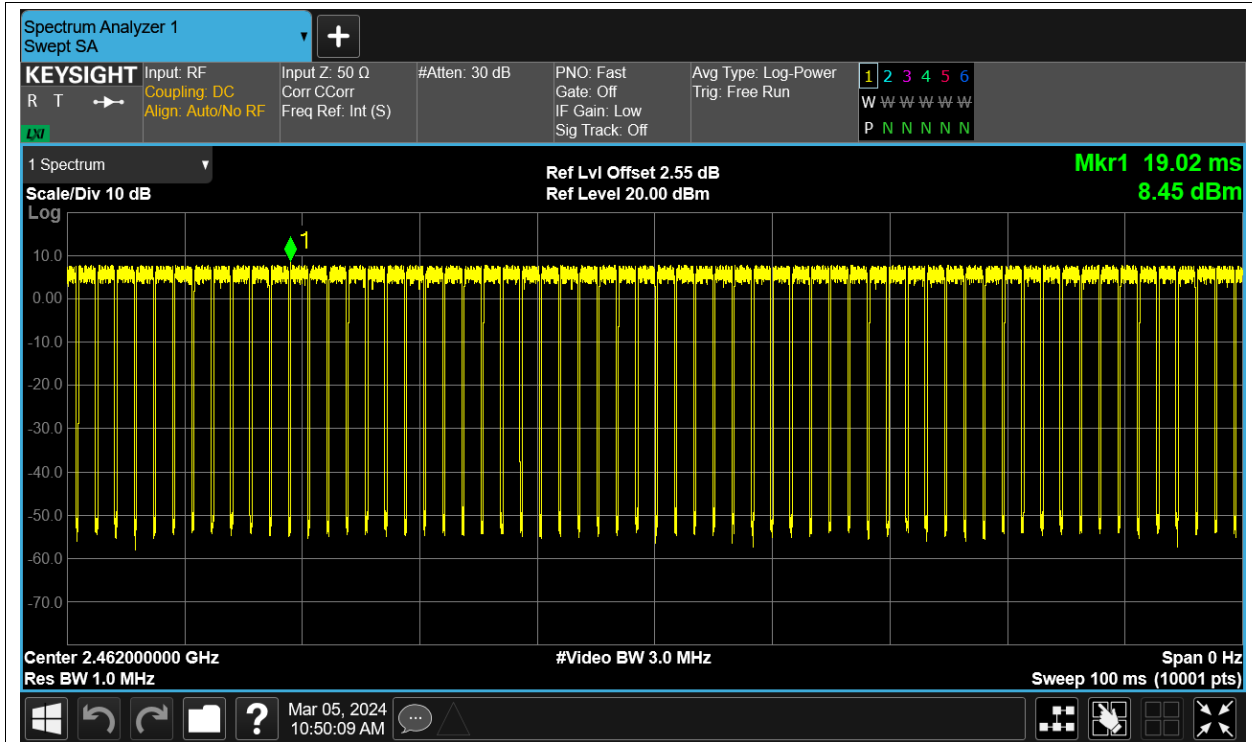
Duty Cycle NVNT g 2412MHz Ant1



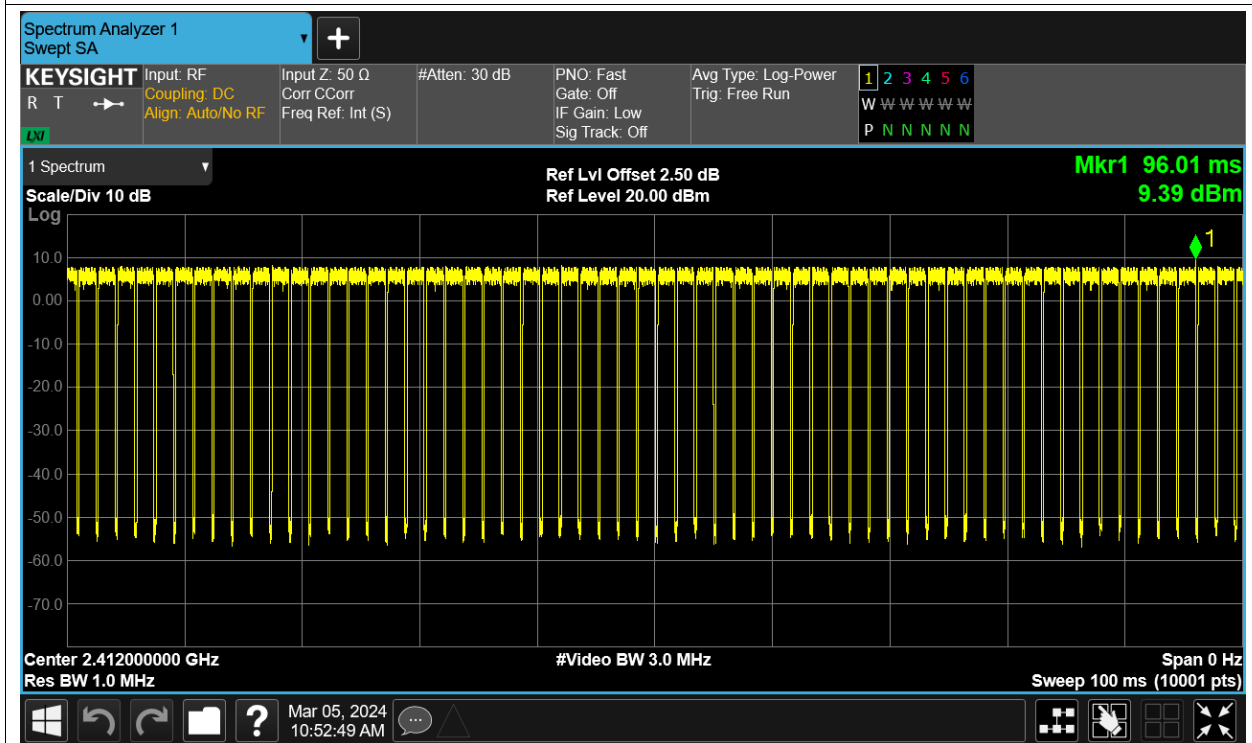
Duty Cycle NVNT g 2437MHz Ant1



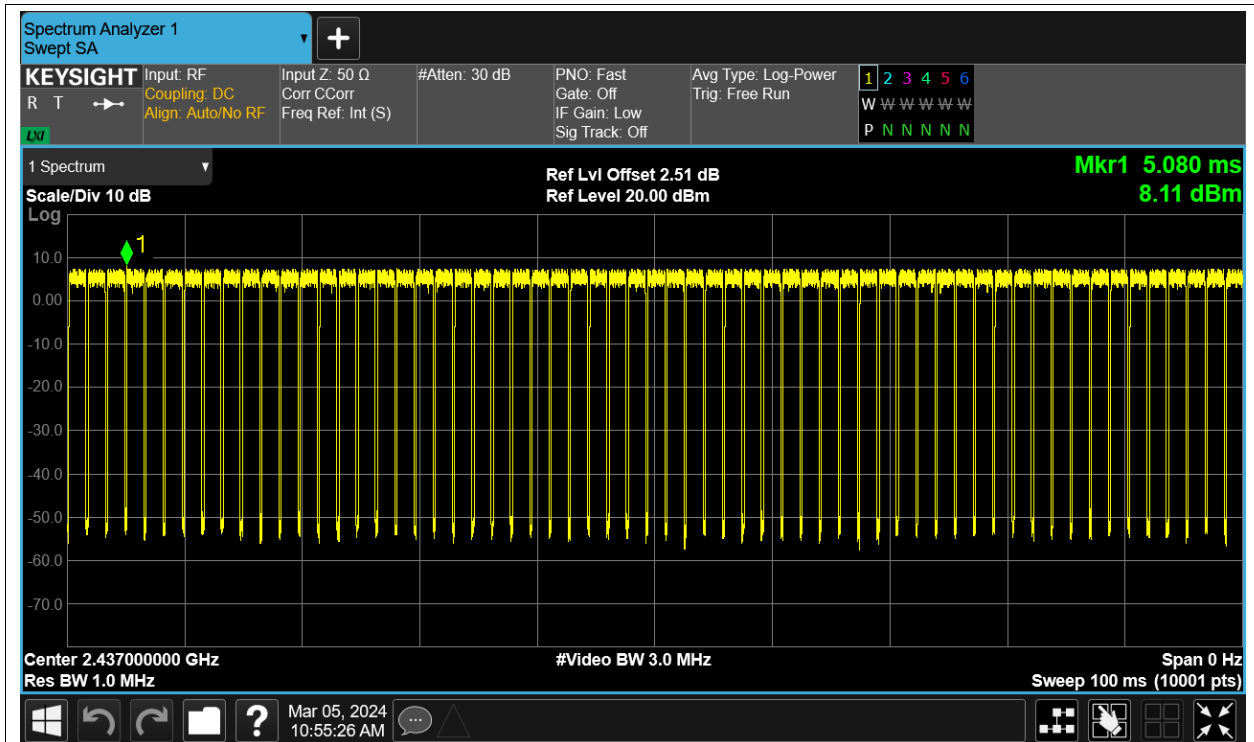
Duty Cycle NVNT g 2462MHz Ant1



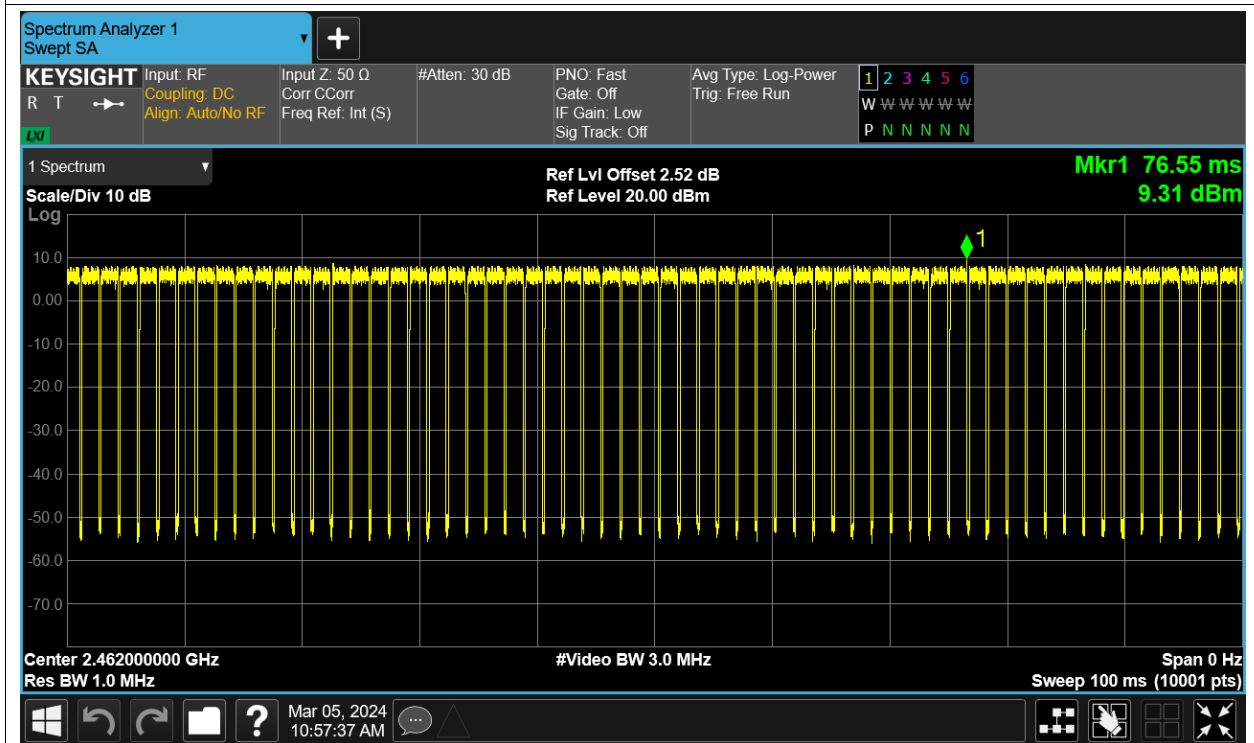
Duty Cycle NVNT g 2412MHz Ant2



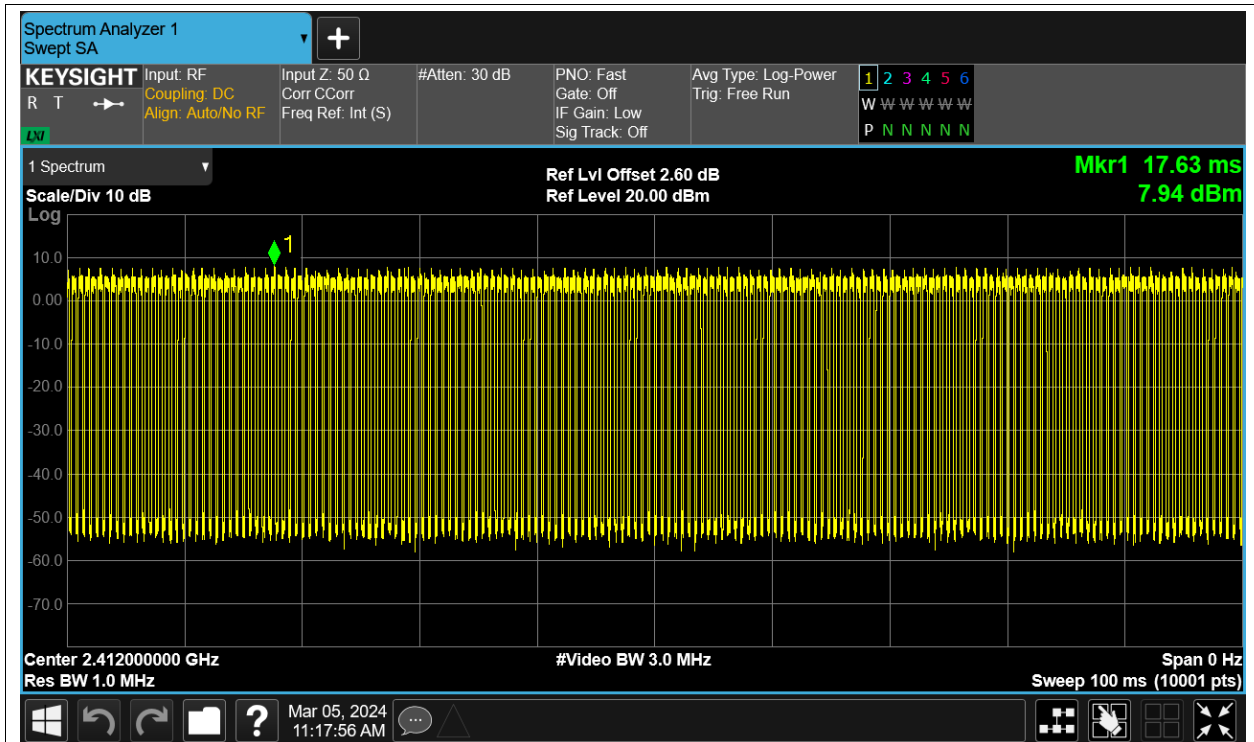
Duty Cycle NVNT g 2437MHz Ant2



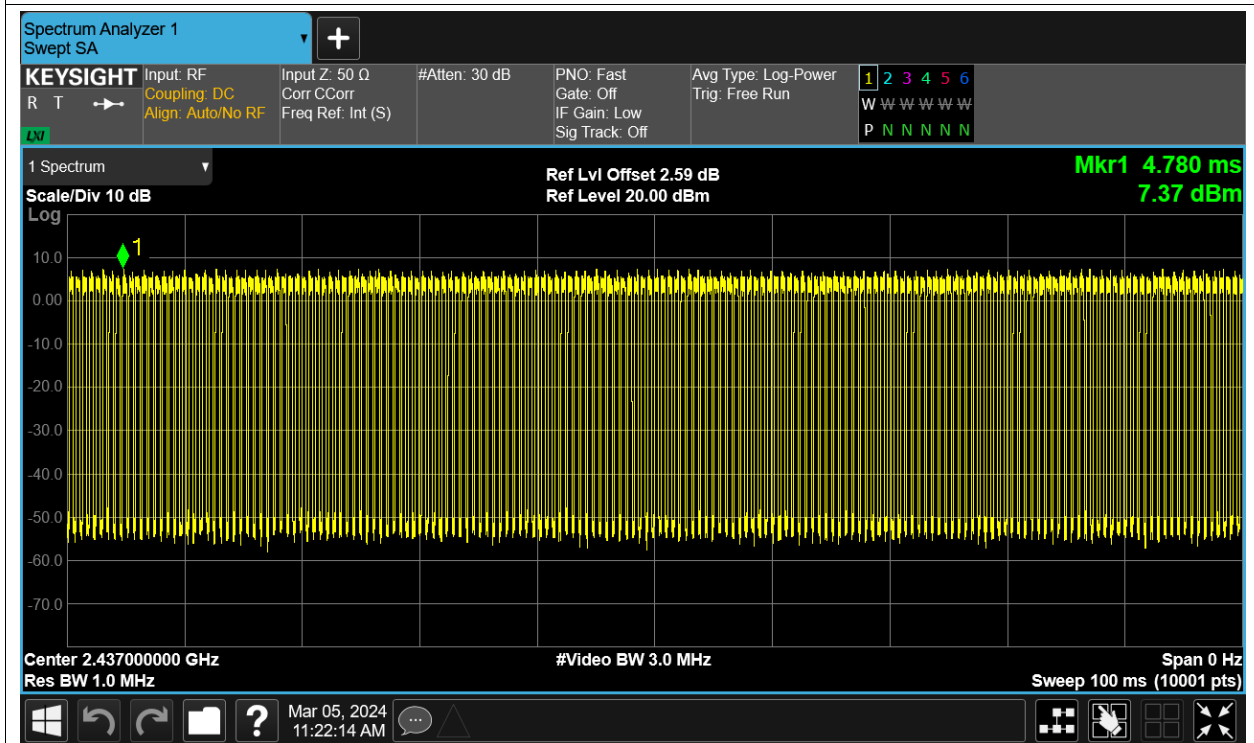
Duty Cycle NVNT g 2462MHz Ant2



Duty Cycle NVNT n20 2412MHz Sum



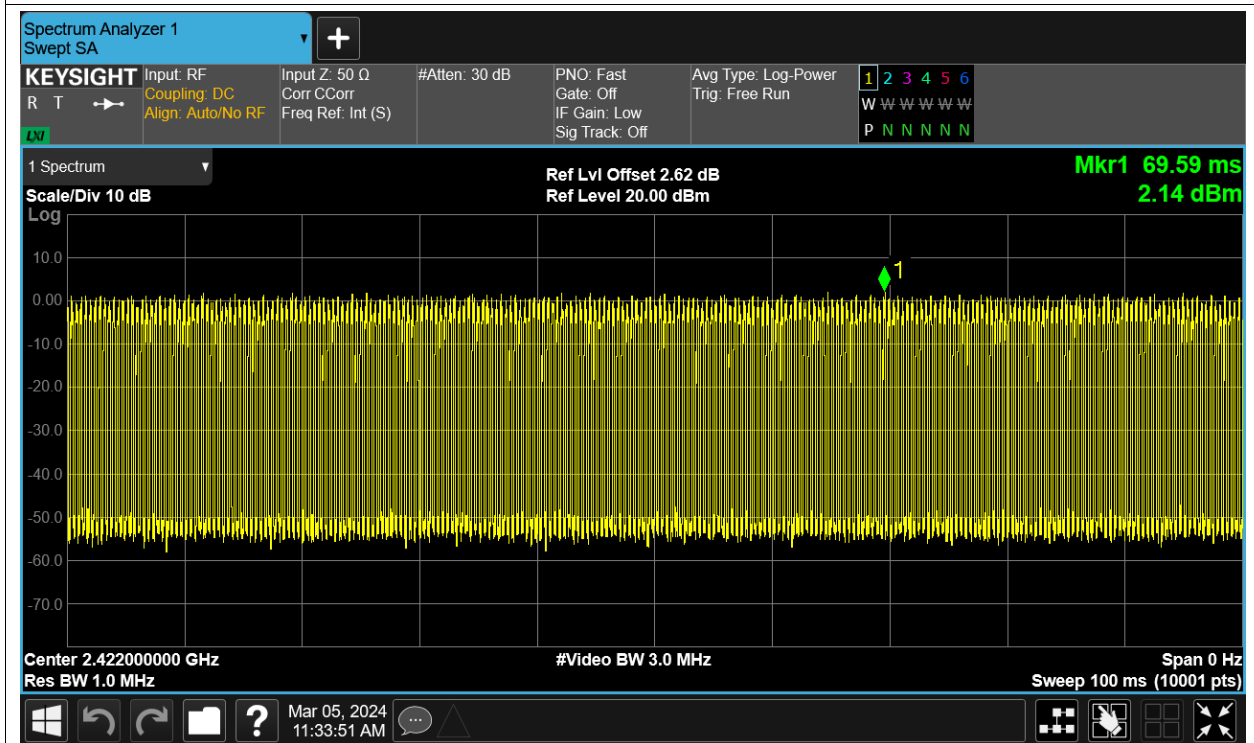
Duty Cycle NVNT n20 2437MHz Sum



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	16.3	0.09	16.39	30	Pass
NVNT	b	2437	Ant1	17.05	0.09	17.14	30	Pass
NVNT	b	2462	Ant1	16.94	0.09	17.03	30	Pass
NVNT	b	2412	Ant2	16.08	0.09	16.17	30	Pass
NVNT	b	2437	Ant2	16.76	0.09	16.85	30	Pass
NVNT	b	2462	Ant2	16.45	0.08	16.53	30	Pass
NVNT	g	2412	Ant1	13.18	0.54	13.72	30	Pass
NVNT	g	2437	Ant1	13.71	0.54	14.25	30	Pass
NVNT	g	2462	Ant1	13.47	0.54	14.01	30	Pass
NVNT	g	2412	Ant2	13.23	0.54	13.77	30	Pass
NVNT	g	2437	Ant2	12.94	0.53	13.47	30	Pass
NVNT	g	2462	Ant2	13.54	0.54	14.08	30	Pass
NVNT	n20	2412	Ant1	11.58	1.78	13.36	30	Pass
NVNT	n20	2412	Ant2	11.87	1.78	13.65	30	Pass
NVNT	n20	2412	Sum	14.738	1.78	16.518	30	Pass
NVNT	n20	2437	Ant1	12.14	1.79	13.93	30	Pass
NVNT	n20	2437	Ant2	11.55	1.79	13.34	30	Pass
NVNT	n20	2437	Sum	14.865	1.79	16.655	30	Pass
NVNT	n20	2462	Ant1	11.9	1.78	13.68	30	Pass
NVNT	n20	2462	Ant2	12.19	1.78	13.97	30	Pass
NVNT	n20	2462	Sum	15.058	1.78	16.838	30	Pass
NVNT	n40	2422	Ant1	11.51	2.83	14.34	30	Pass
NVNT	n40	2422	Ant2	11.26	2.83	14.09	30	Pass
NVNT	n40	2422	Sum	14.397	2.83	17.227	30	Pass
NVNT	n40	2437	Ant1	11.77	2.83	14.6	30	Pass
NVNT	n40	2437	Ant2	11.31	2.83	14.14	30	Pass
NVNT	n40	2437	Sum	14.556	2.83	17.386	30	Pass
NVNT	n40	2452	Ant1	11.78	2.83	14.61	30	Pass
NVNT	n40	2452	Ant2	11.47	2.83	14.3	30	Pass
NVNT	n40	2452	Sum	14.638	2.83	17.468	30	Pass

-6dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit	Verdic
NVNT	b	2412	Ant1	10.01	0.5	Pass
NVNT	b	2437	Ant1	10.06	0.5	Pass
NVNT	b	2462	Ant1	10.001	0.5	Pass
NVNT	b	2412	Ant2	10.071	0.5	Pass
NVNT	b	2437	Ant2	10.07	0.5	Pass
NVNT	b	2462	Ant2	10.058	0.5	Pass
NVNT	g	2412	Ant1	16.318	0.5	Pass
NVNT	g	2437	Ant1	16.375	0.5	Pass
NVNT	g	2462	Ant1	16.333	0.5	Pass
NVNT	g	2412	Ant2	16.36	0.5	Pass
NVNT	g	2437	Ant2	16.345	0.5	Pass
NVNT	g	2462	Ant2	16.332	0.5	Pass
NVNT	n20	2412	Ant1	17.598	0.5	Pass
NVNT	n20	2412	Ant2	17.479	0.5	Pass
NVNT	n20	2437	Ant1	17.284	0.5	Pass
NVNT	n20	2437	Ant2	17.673	0.5	Pass
NVNT	n20	2462	Ant1	17.615	0.5	Pass
NVNT	n20	2462	Ant2	17.603	0.5	Pass
NVNT	n40	2422	Ant1	36.404	0.5	Pass
NVNT	n40	2422	Ant2	36.432	0.5	Pass
NVNT	n40	2437	Ant1	36.445	0.5	Pass
NVNT	n40	2437	Ant2	36.434	0.5	Pass
NVNT	n40	2452	Ant1	36.374	0.5	Pass
NVNT	n40	2452	Ant2	36.338	0.5	Pass

Test Graphs

-6dB Bandwidth NVNT b 2412MHz Ant1



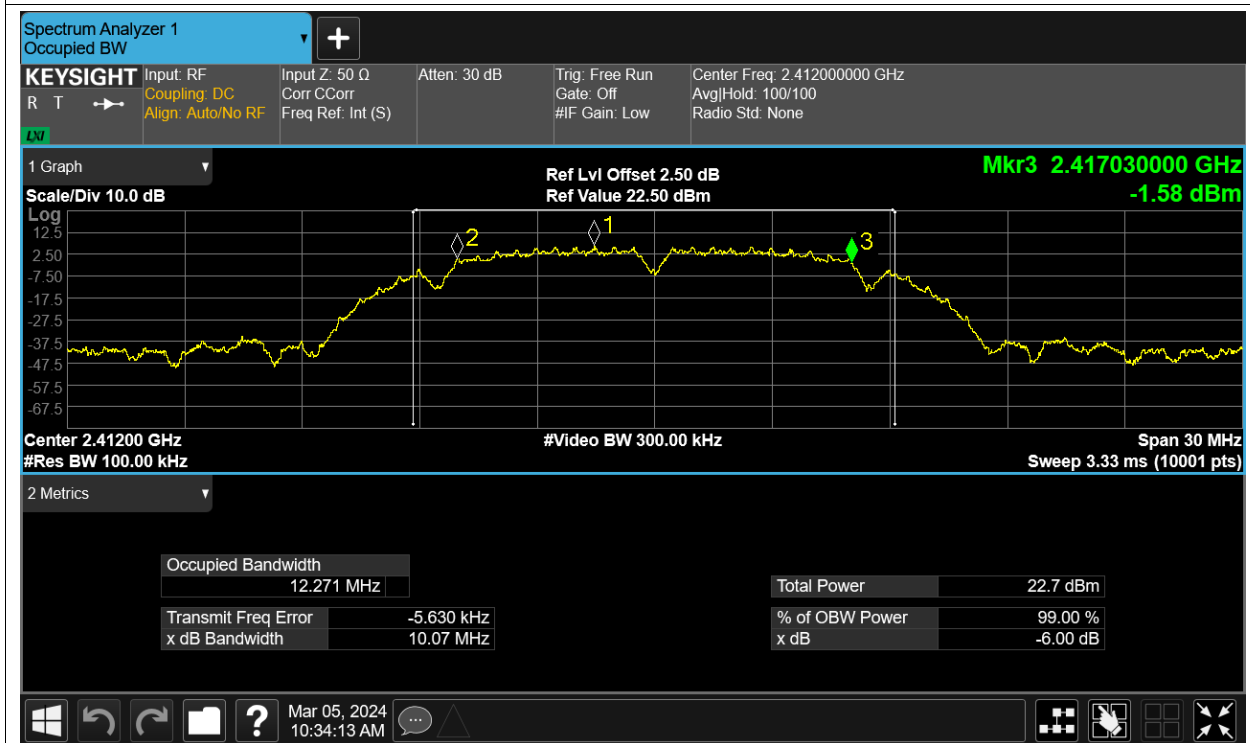
-6dB Bandwidth NVNT b 2437MHz Ant1



-6dB Bandwidth NVNT b 2462MHz Ant1



-6dB Bandwidth NVNT b 2412MHz Ant2



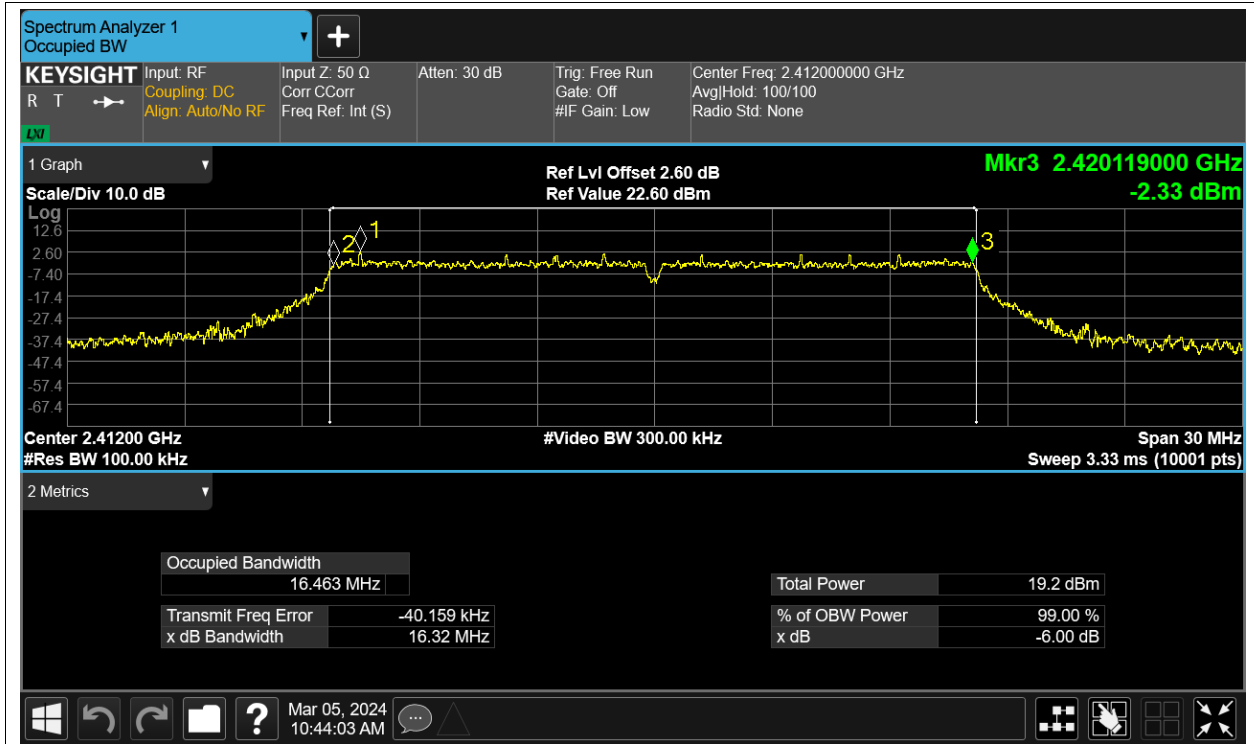
-6dB Bandwidth NVNT b 2437MHz Ant2



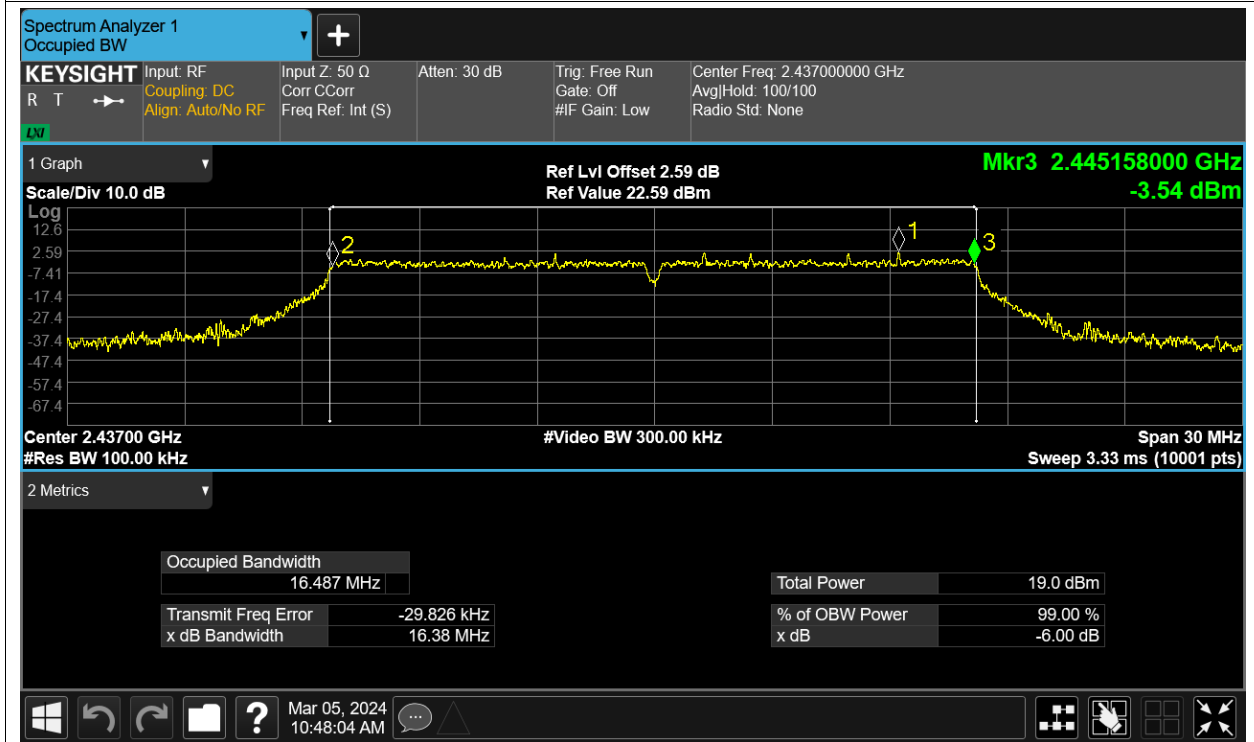
-6dB Bandwidth NVNT b 2462MHz Ant2



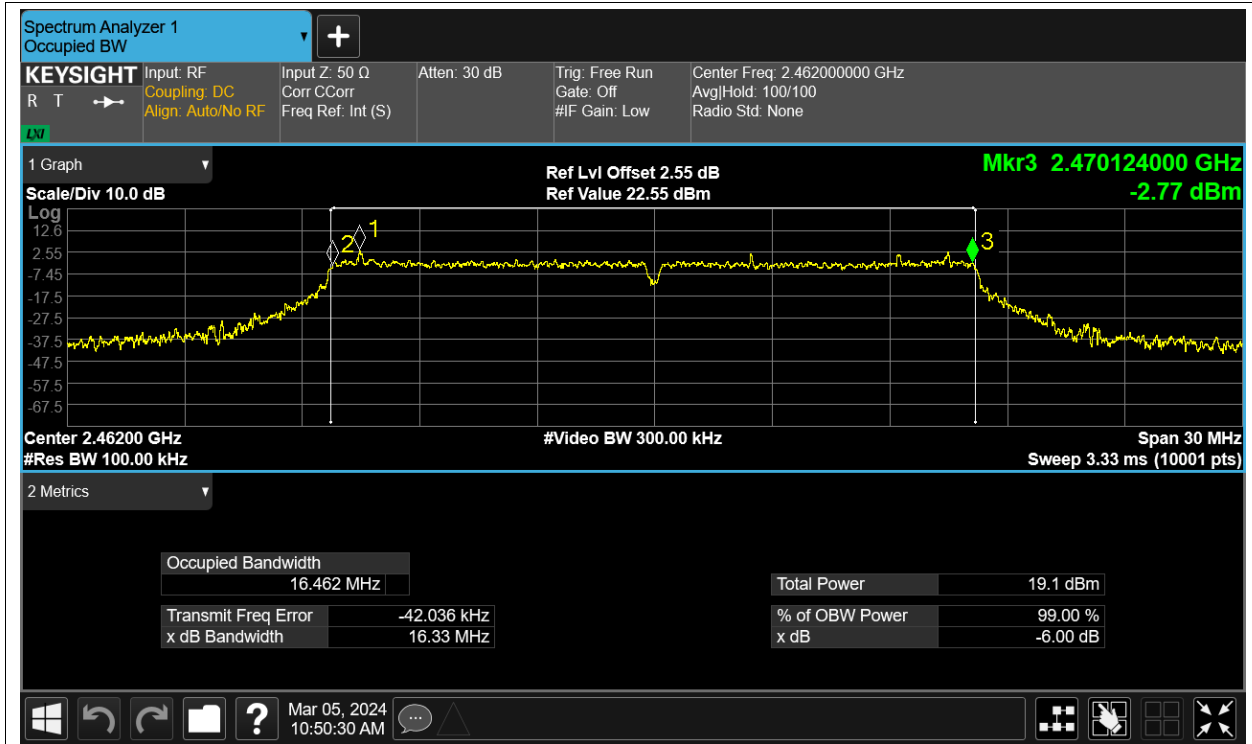
-6dB Bandwidth NVNT g 2412MHz Ant1



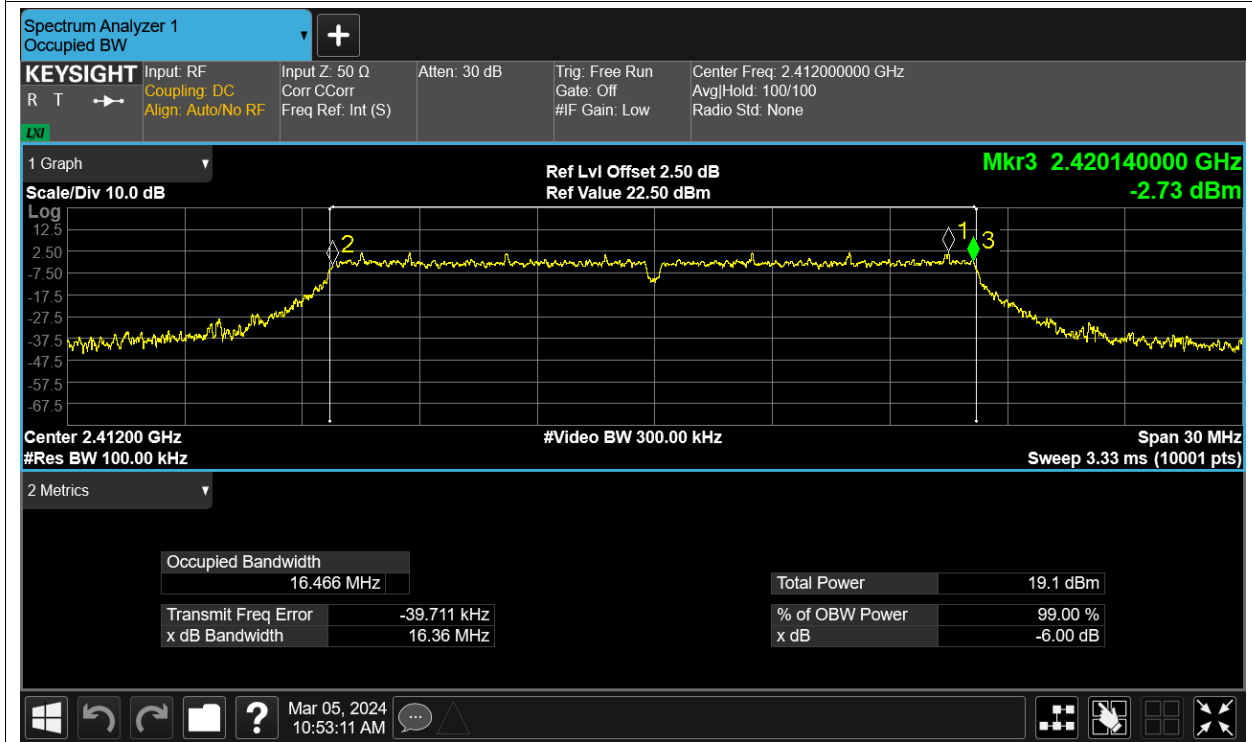
-6dB Bandwidth NVNT g 2437MHz Ant1



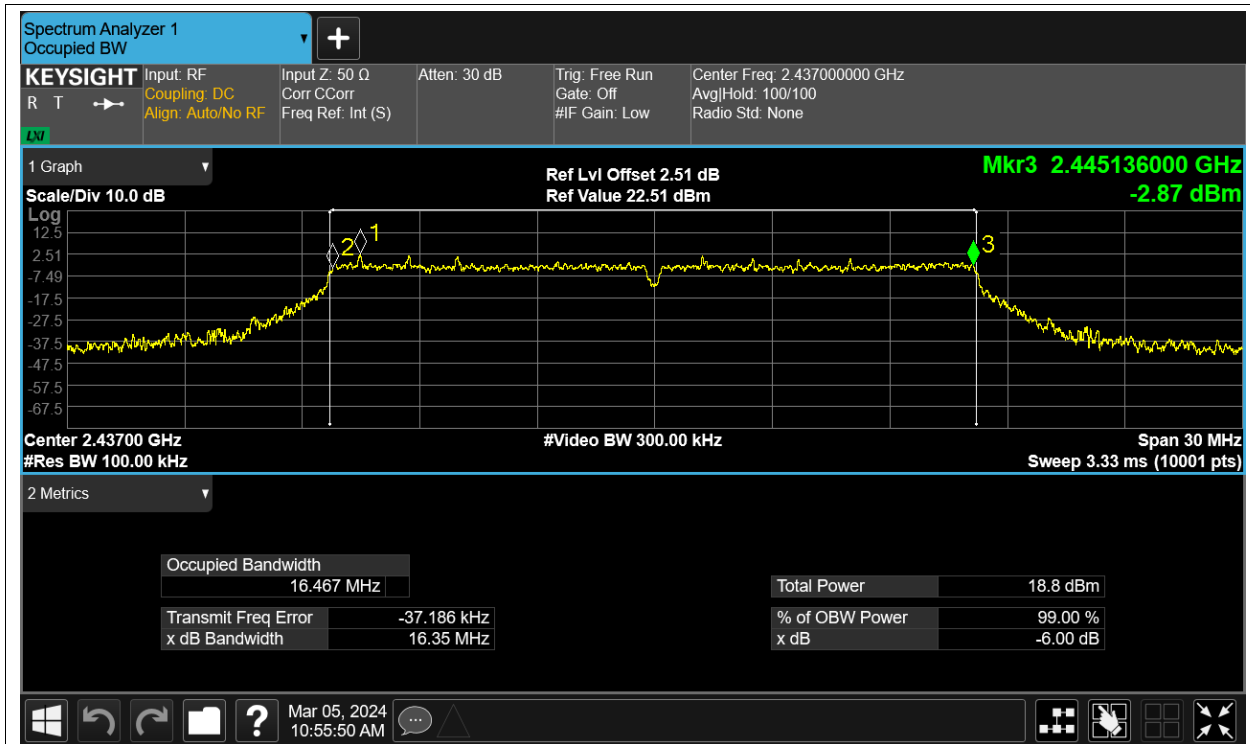
-6dB Bandwidth NVNT g 2462MHz Ant1



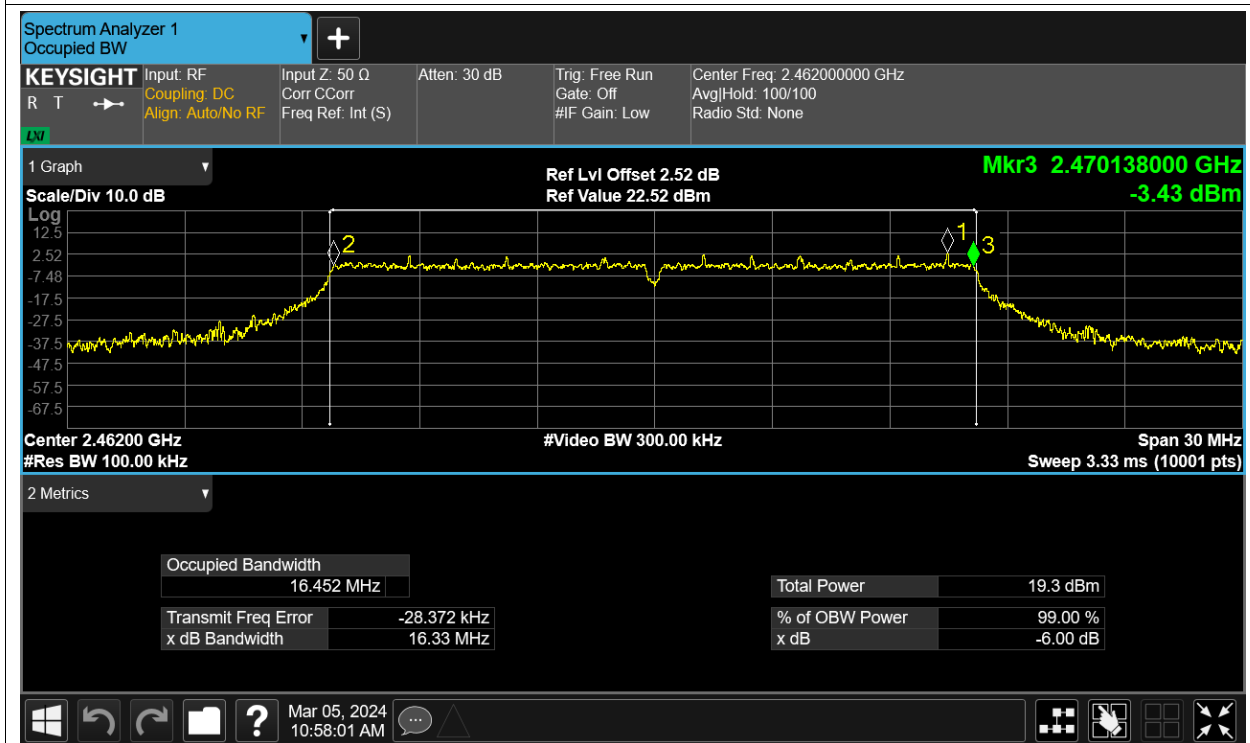
-6dB Bandwidth NVNT g 2412MHz Ant2



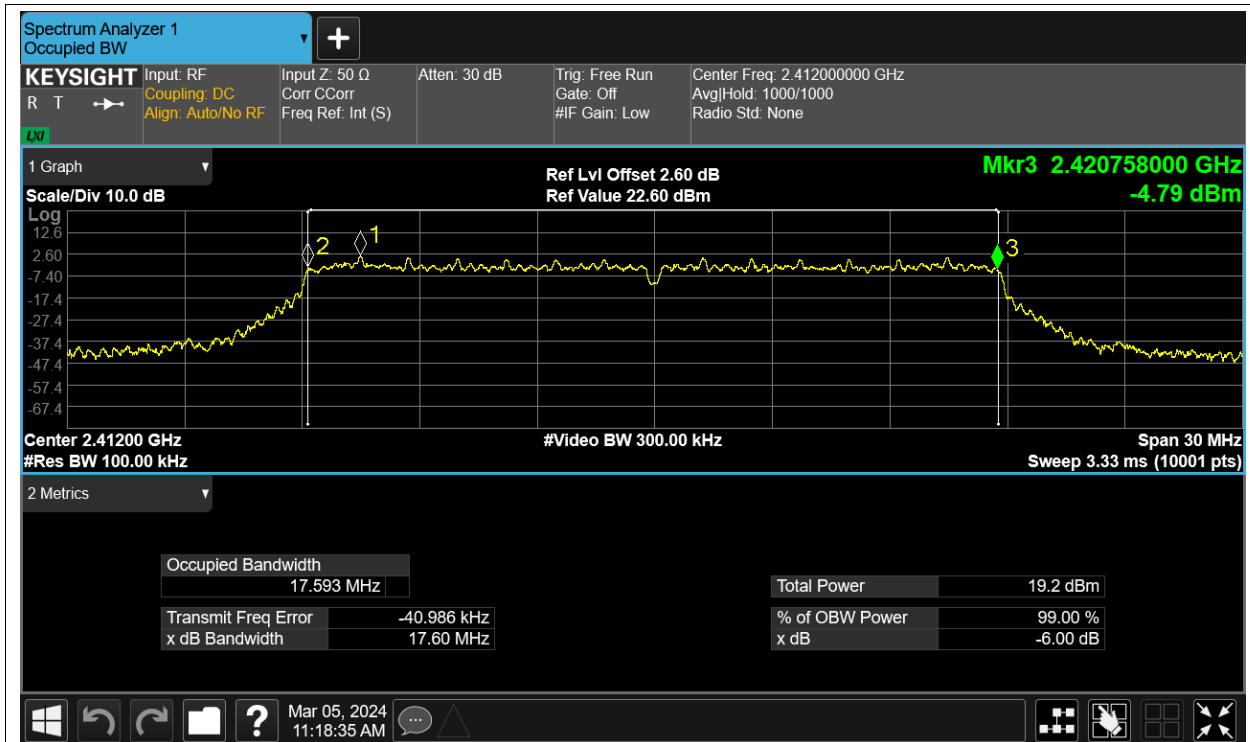
-6dB Bandwidth NVNT g 2437MHz Ant2



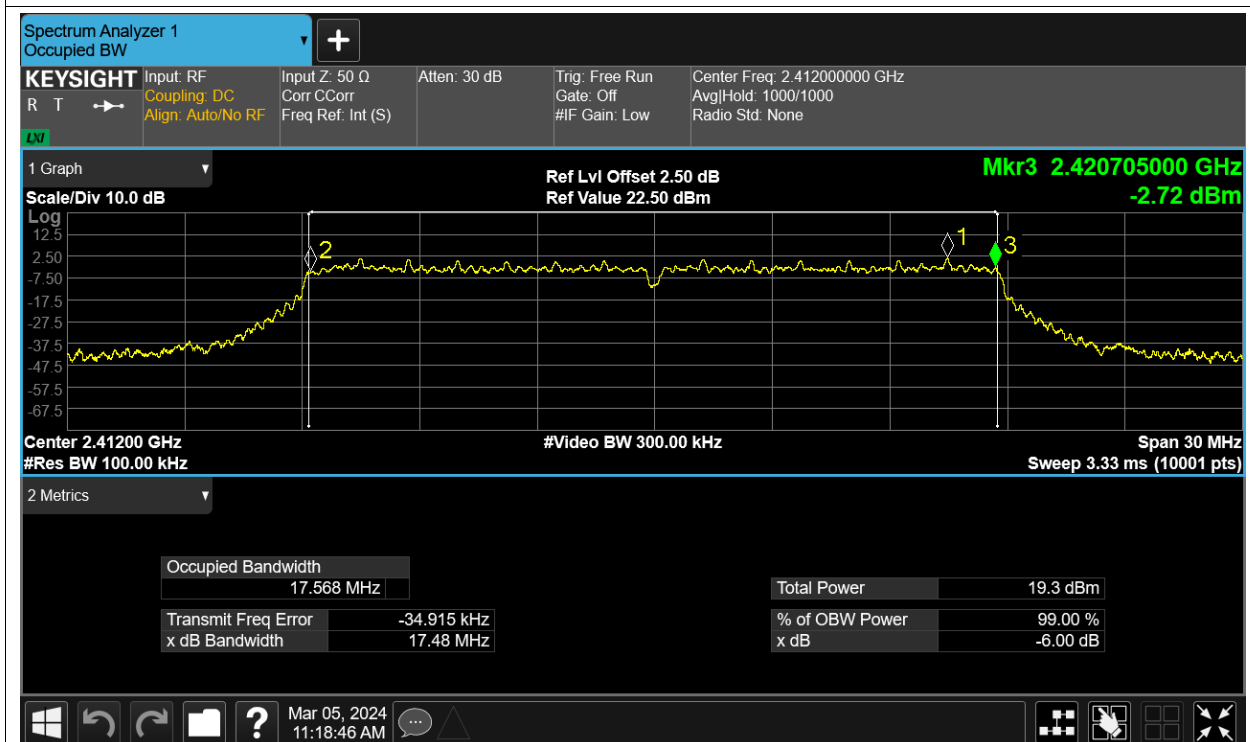
-6dB Bandwidth NVNT g 2462MHz Ant2



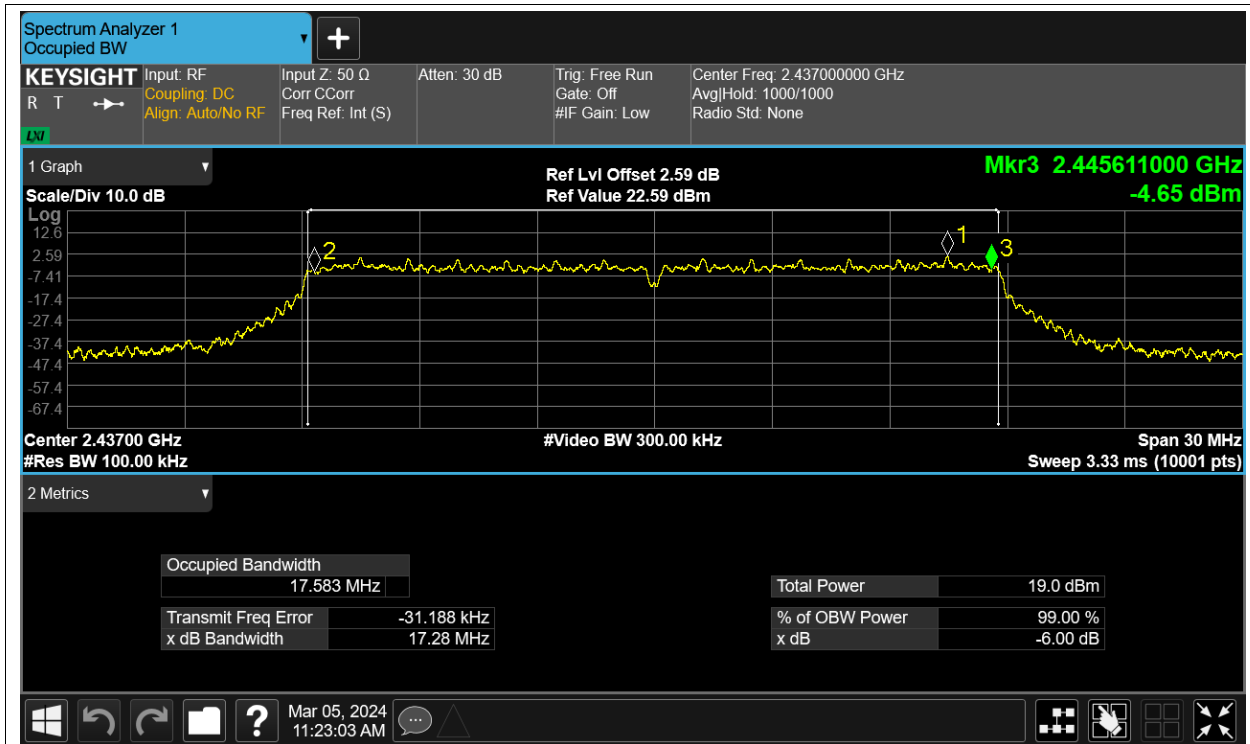
-6dB Bandwidth NVNT n20 2412MHz Ant1



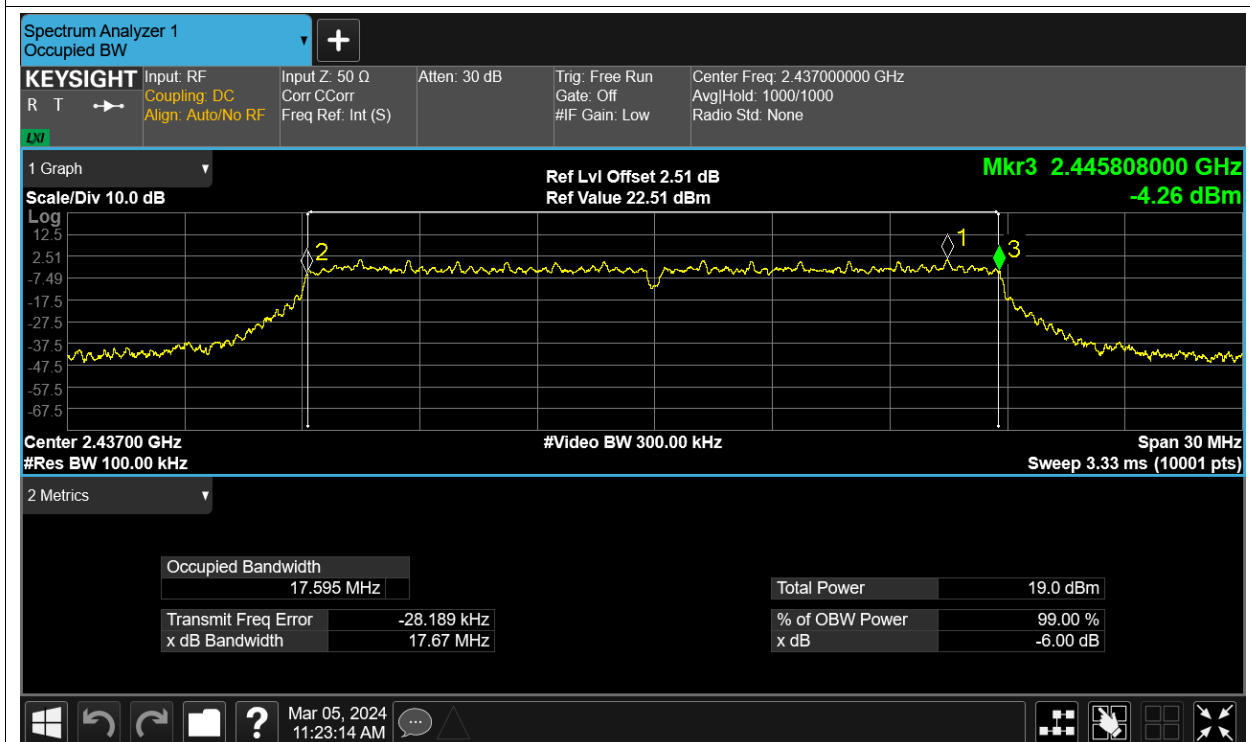
-6dB Bandwidth NVNT n20 2412MHz Ant2



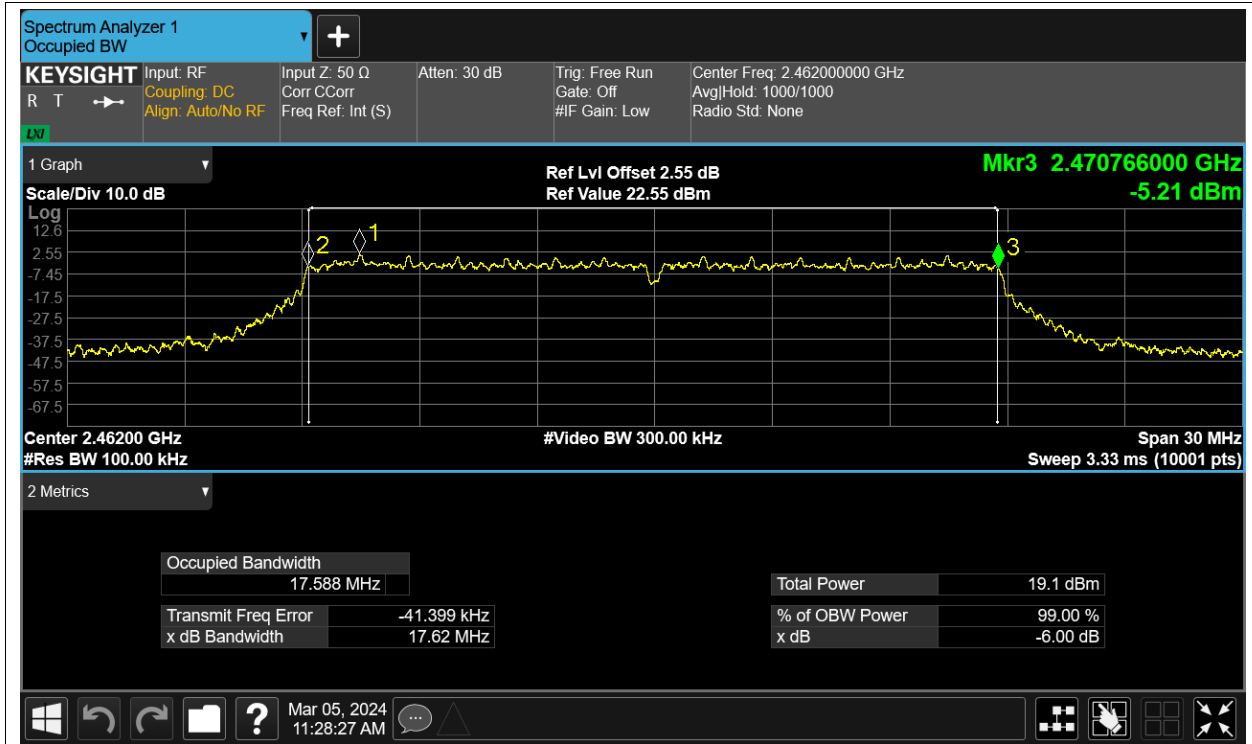
-6dB Bandwidth NVNT n20 2437MHz Ant1



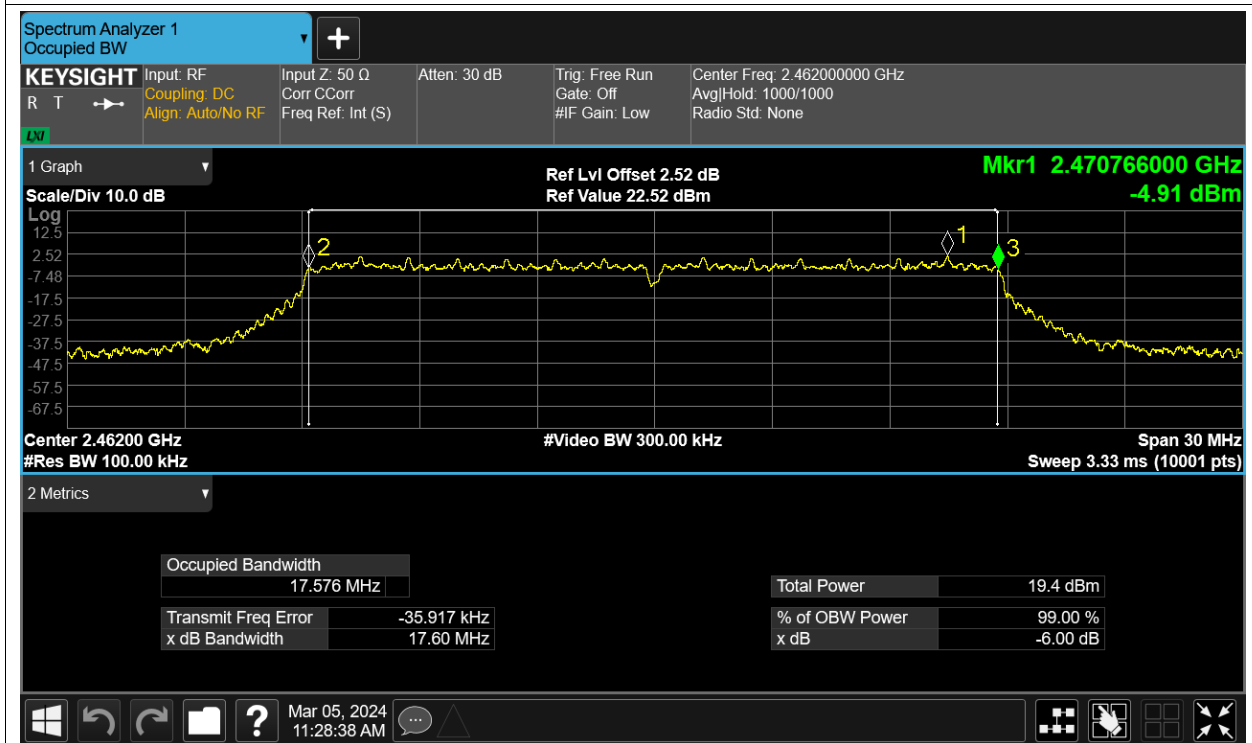
-6dB Bandwidth NVNT n20 2437MHz Ant2



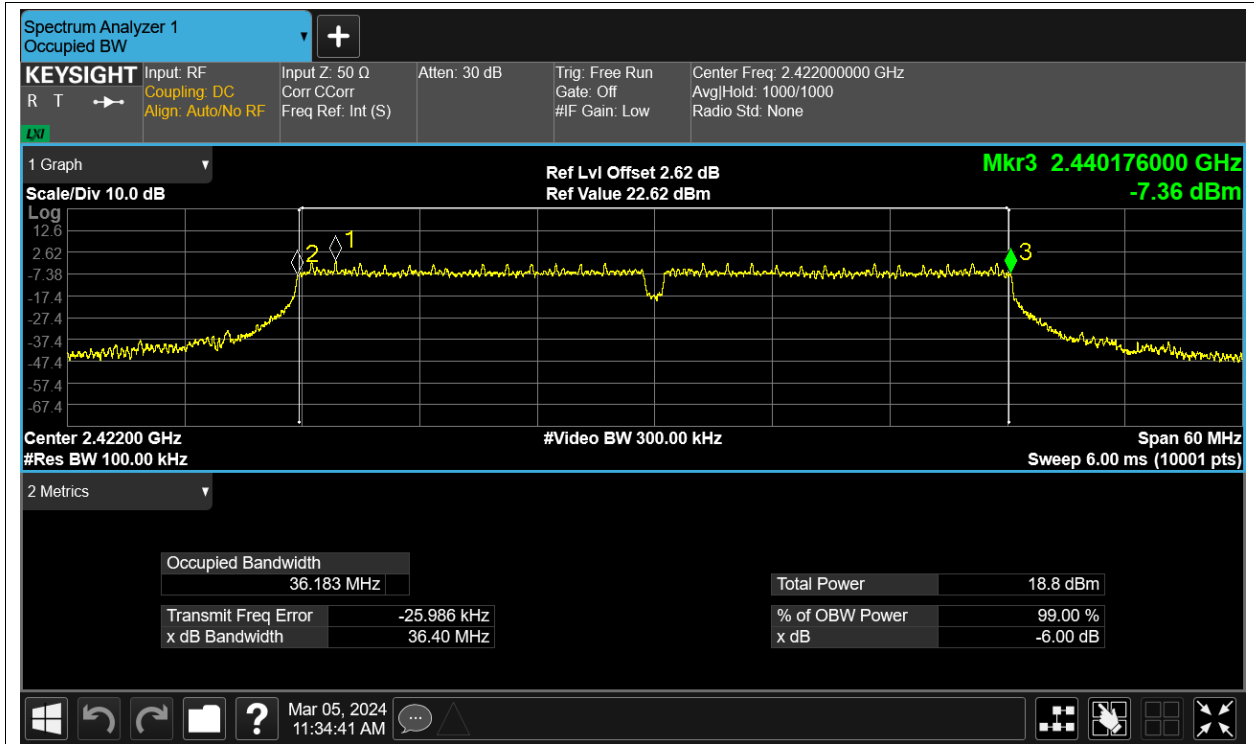
-6dB Bandwidth NVNT n20 2462MHz Ant1



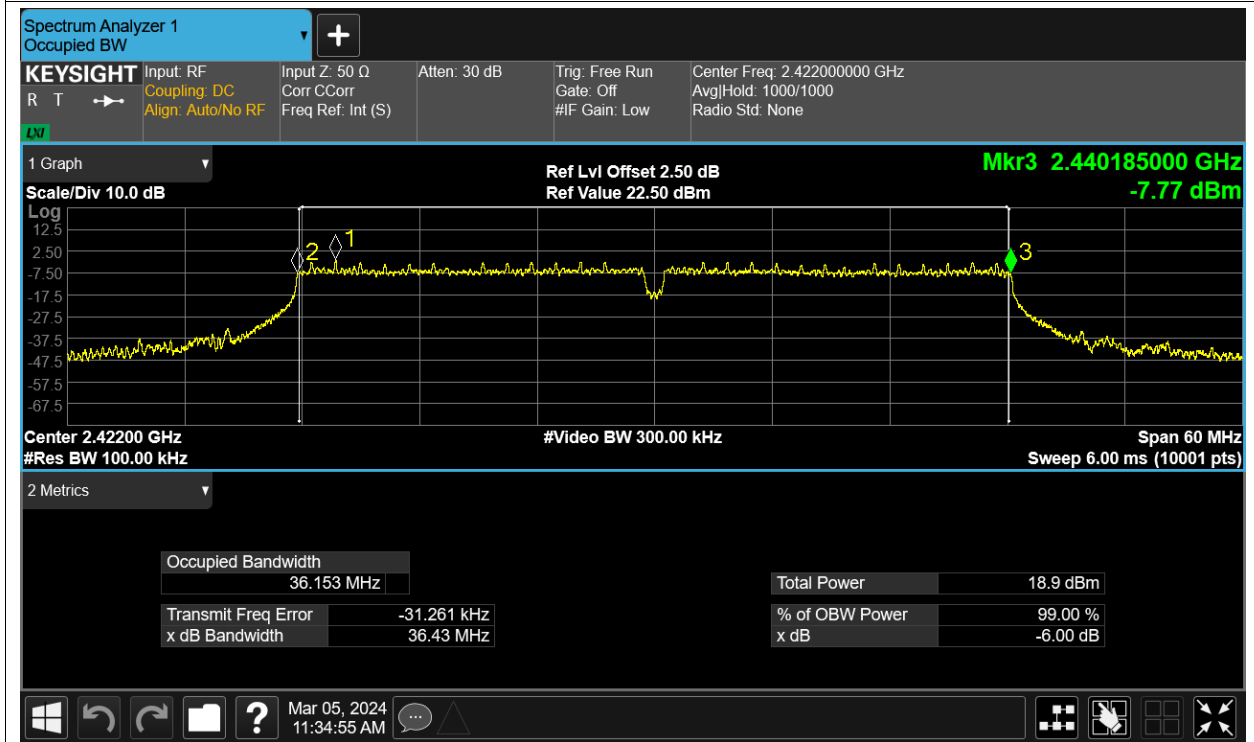
-6dB Bandwidth NVNT n20 2462MHz Ant2



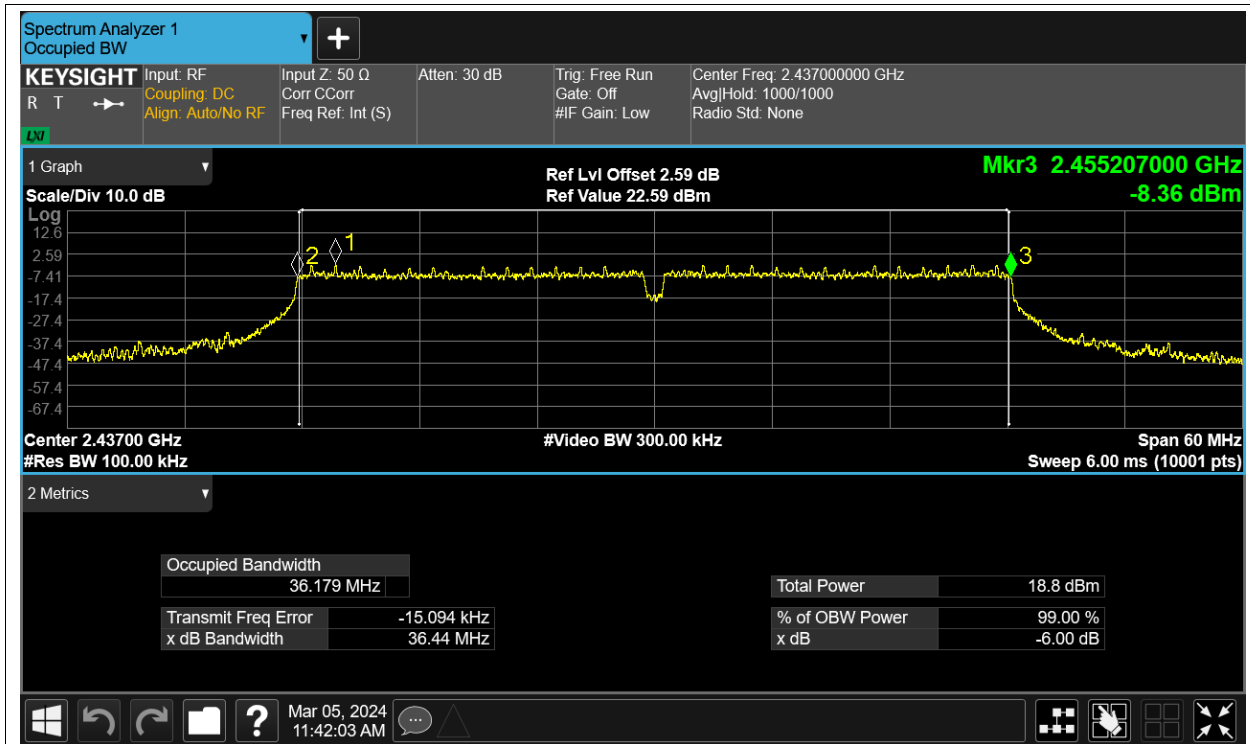
-6dB Bandwidth NVNT n40 2422MHz Ant1



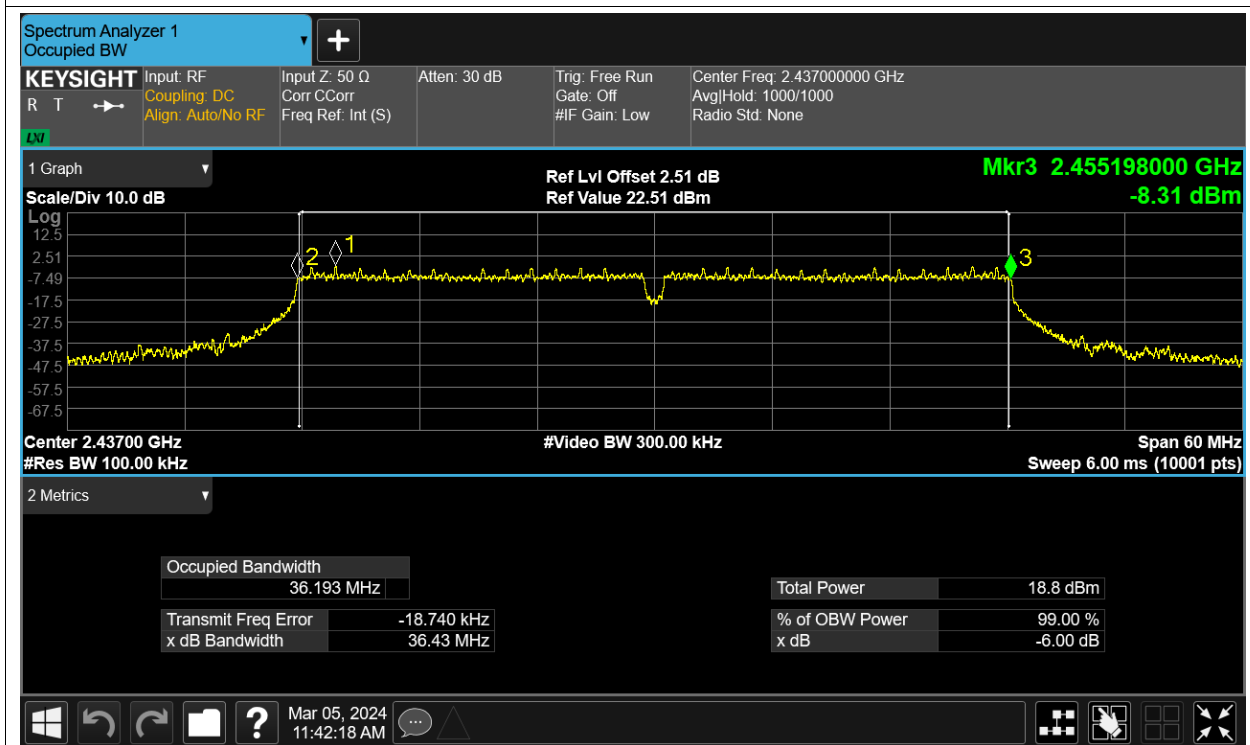
-6dB Bandwidth NVNT n40 2422MHz Ant2



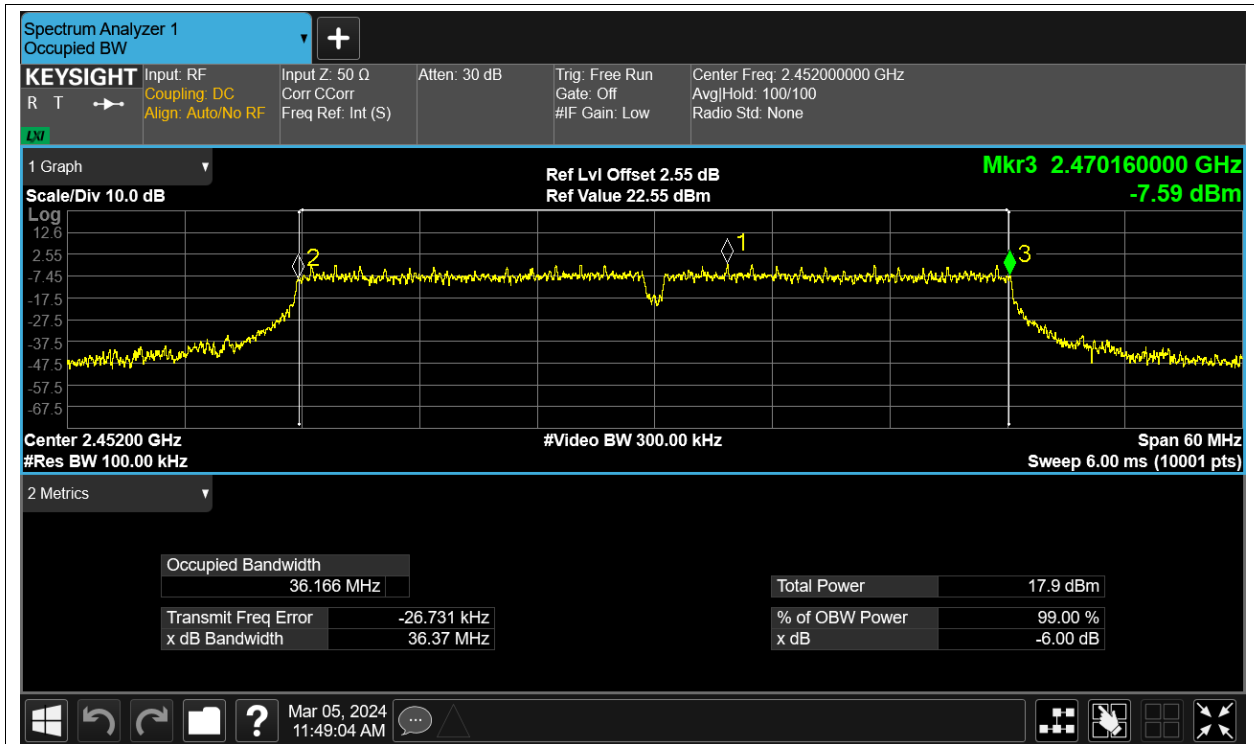
-6dB Bandwidth NVNT n40 2437MHz Ant1



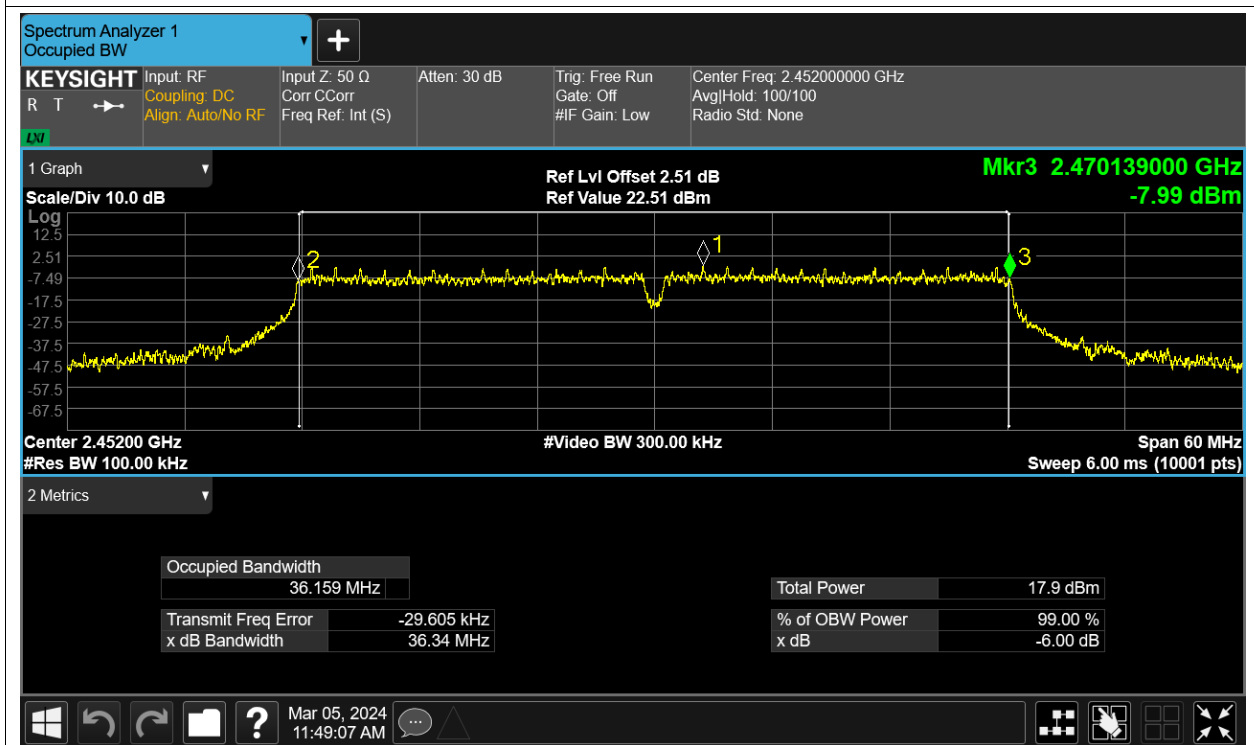
-6dB Bandwidth NVNT n40 2437MHz Ant2



-6dB Bandwidth NVNT n40 2452MHz Ant1



-6dB Bandwidth NVNT n40 2452MHz Ant2



Occupied Channel Bandwidth

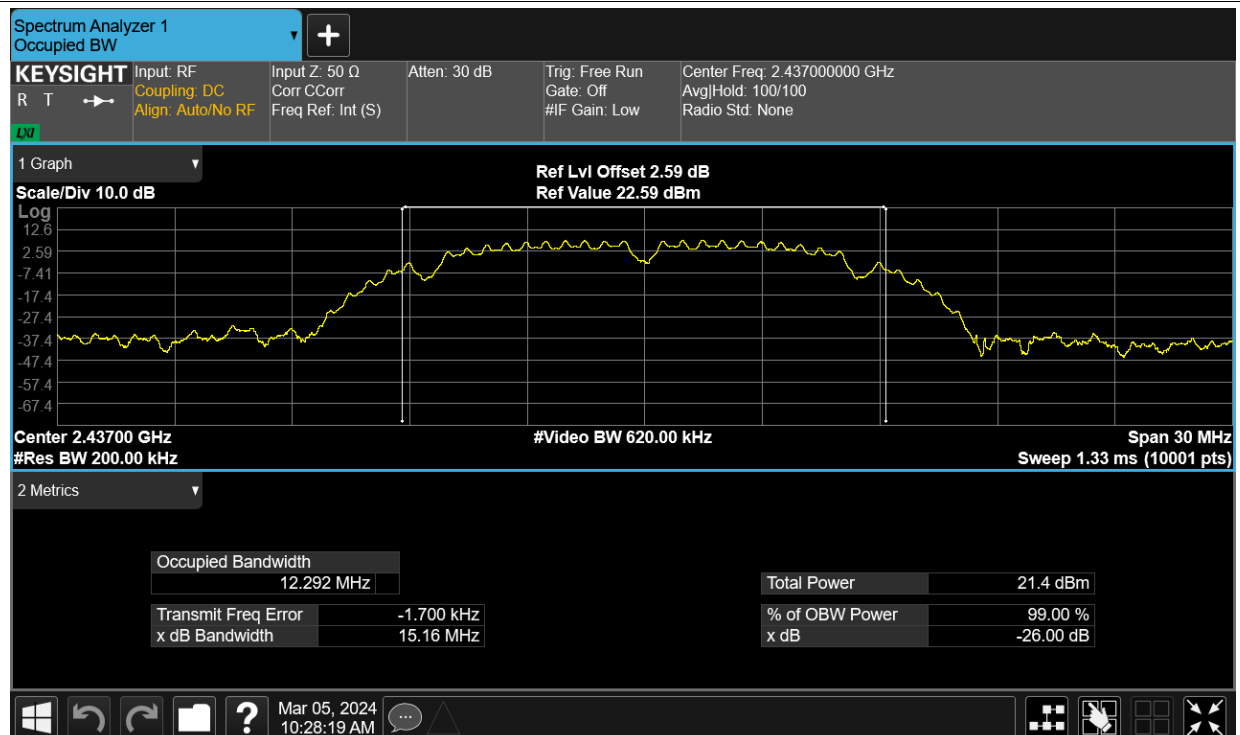
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	12.352
NVNT	b	2437	Ant1	12.292
NVNT	b	2462	Ant1	12.312
NVNT	b	2412	Ant2	12.274
NVNT	b	2437	Ant2	12.22
NVNT	b	2462	Ant2	12.274
NVNT	g	2412	Ant1	16.607
NVNT	g	2437	Ant1	16.62
NVNT	g	2462	Ant1	16.606
NVNT	g	2412	Ant2	16.567
NVNT	g	2437	Ant2	16.607
NVNT	g	2462	Ant2	16.616
NVNT	n20	2412	Ant1	17.615
NVNT	n20	2412	Ant2	17.616
NVNT	n20	2437	Ant1	17.624
NVNT	n20	2437	Ant2	17.617
NVNT	n20	2462	Ant1	17.626
NVNT	n20	2462	Ant2	17.607
NVNT	n40	2422	Ant1	36.414
NVNT	n40	2422	Ant2	36.319
NVNT	n40	2437	Ant1	36.386
NVNT	n40	2437	Ant2	36.387
NVNT	n40	2452	Ant1	36.287
NVNT	n40	2452	Ant2	36.231

Test Graphs

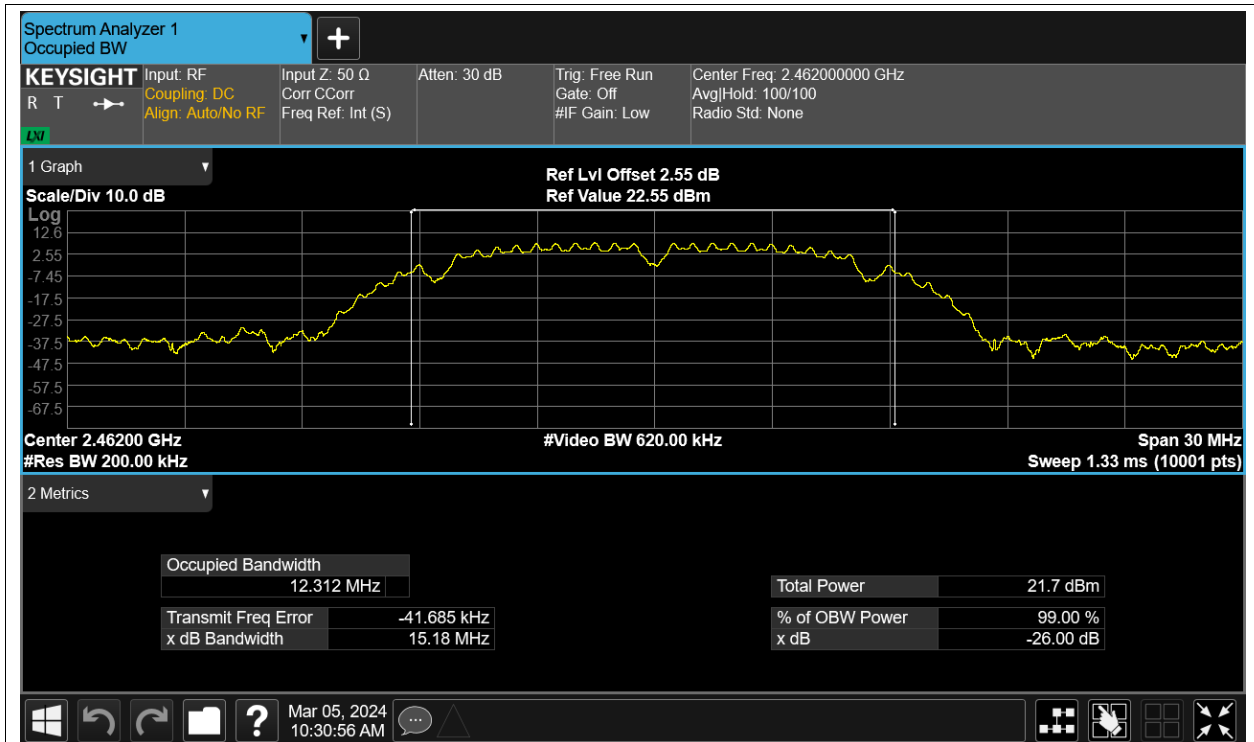
OBW NVNT b 2412MHz Ant1



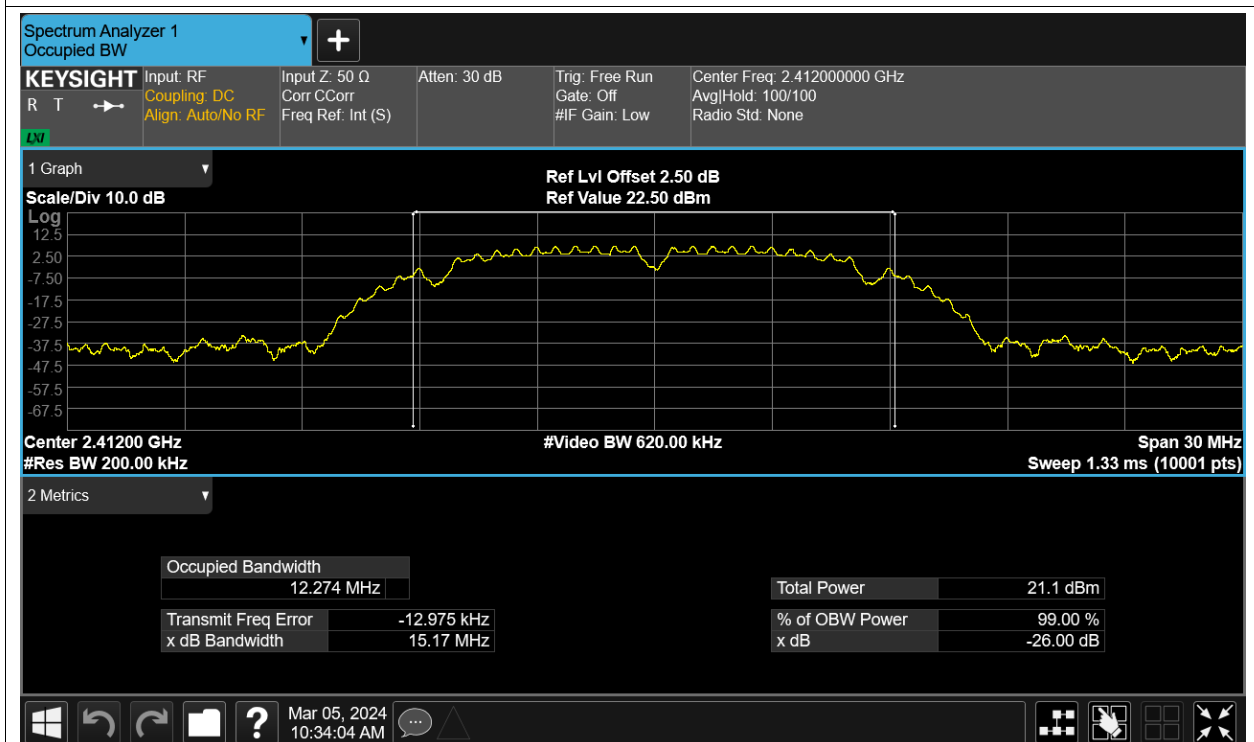
OBW NVNT b 2437MHz Ant1



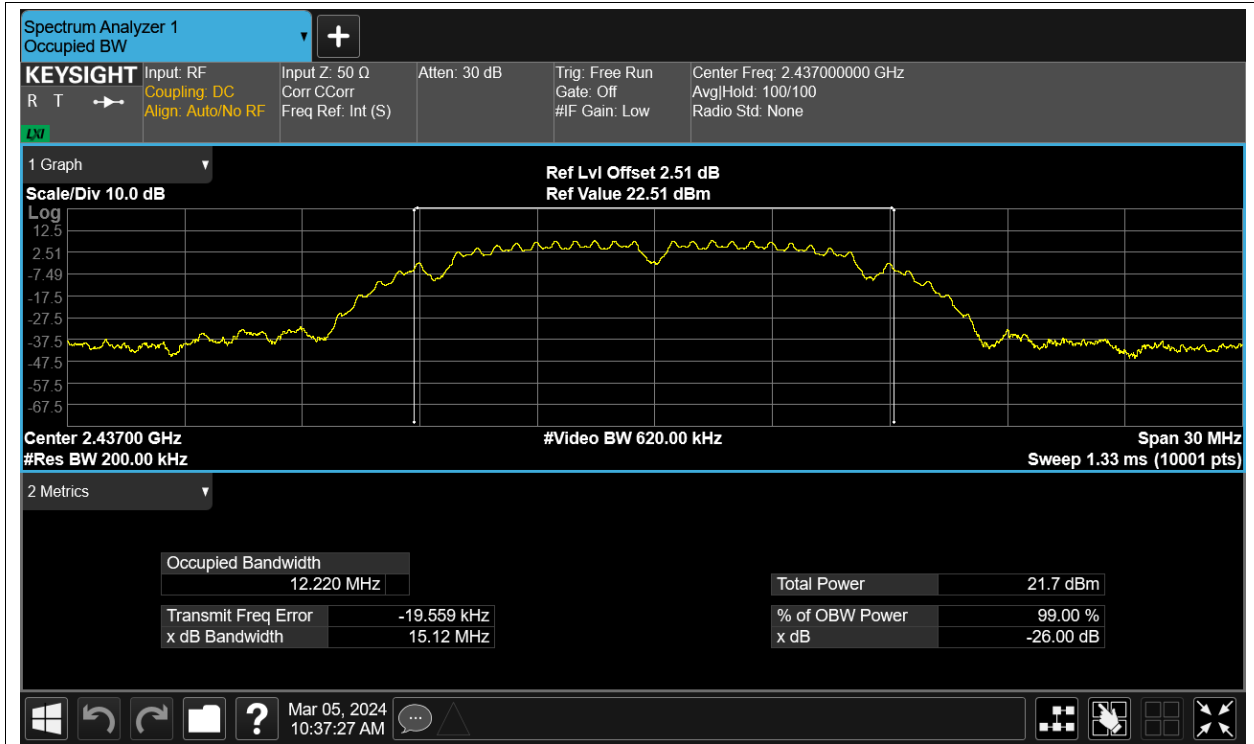
OBW NVNT b 2462MHz Ant1



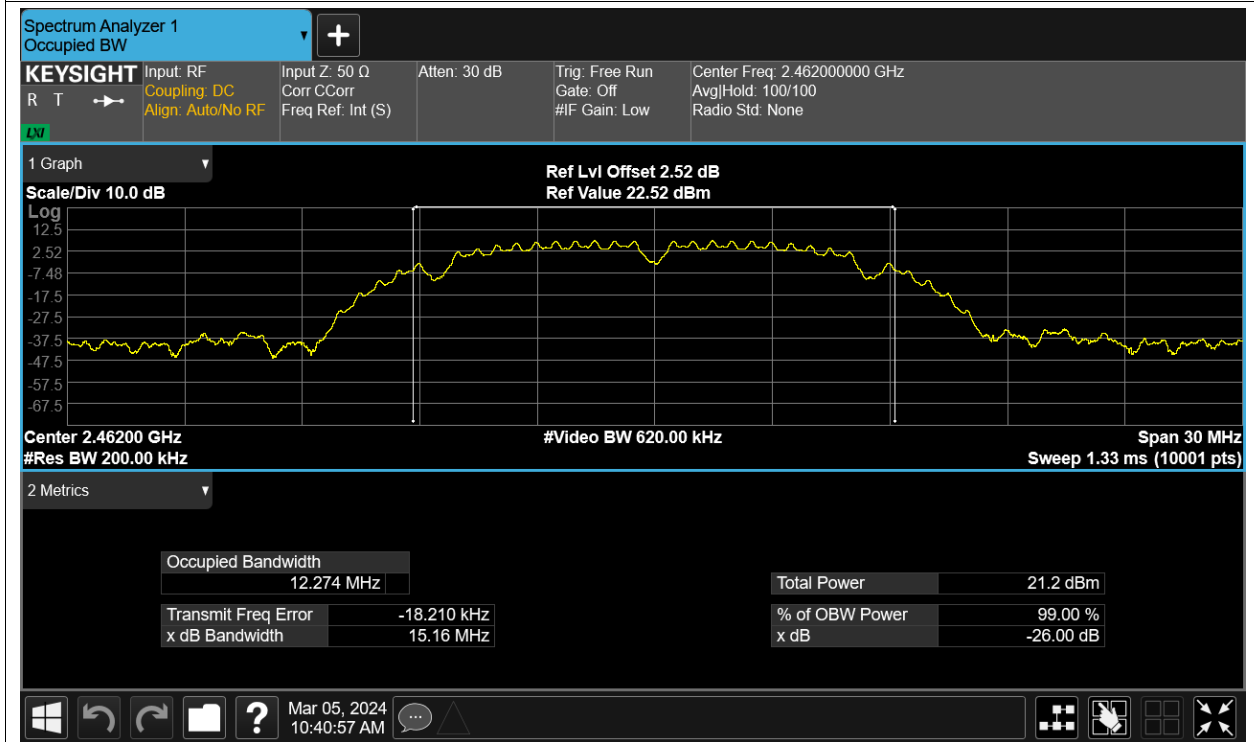
OBW NVNT b 2412MHz Ant2



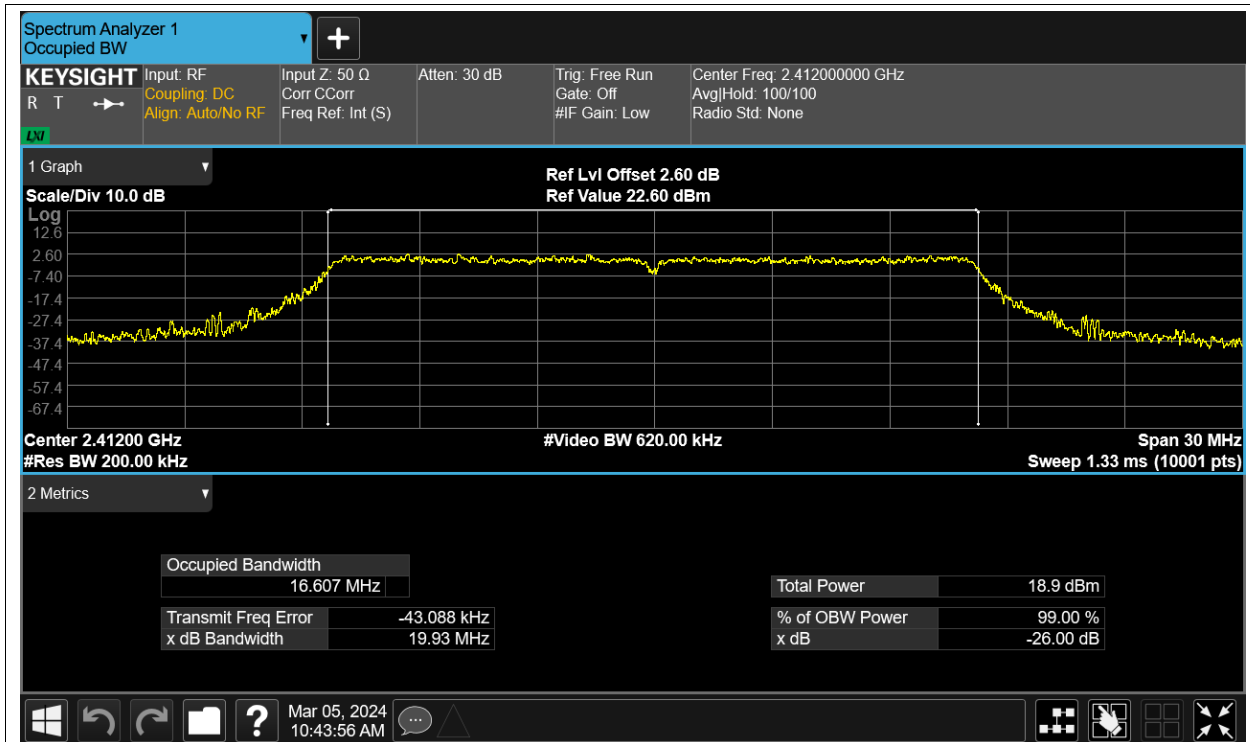
OBW NVNT b 2437MHz Ant2



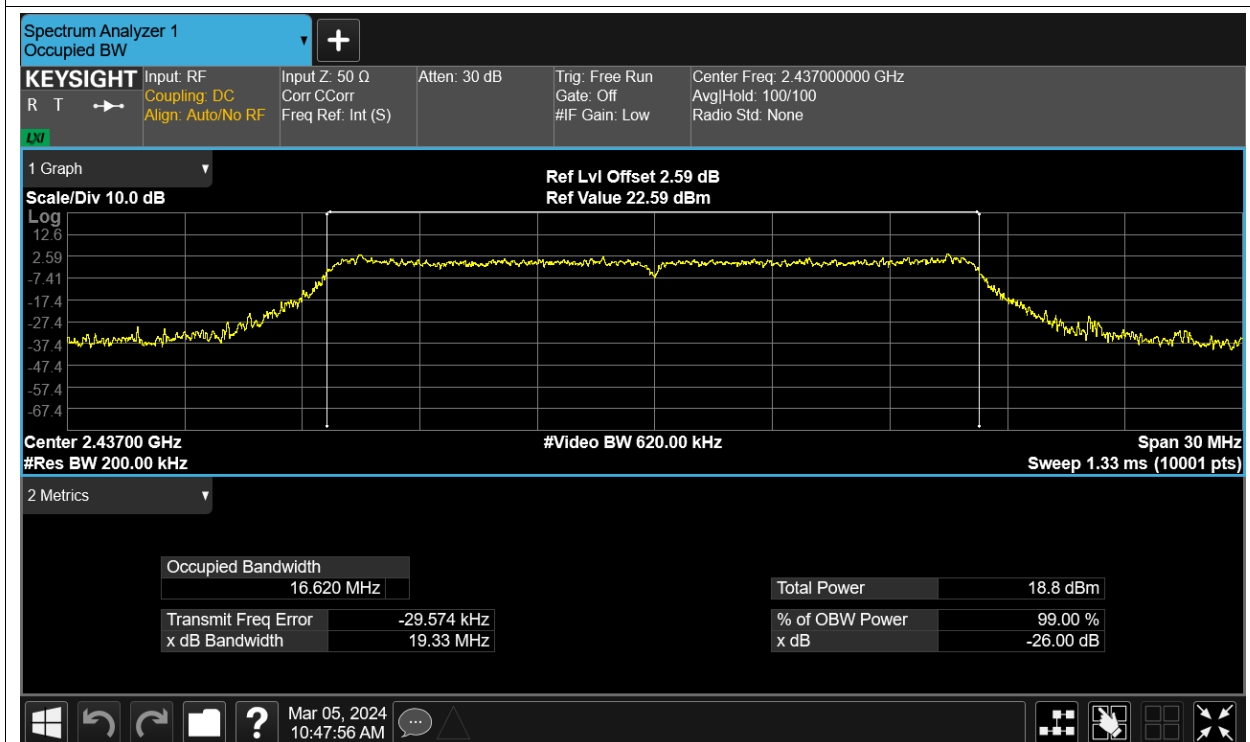
OBW NVNT b 2462MHz Ant2



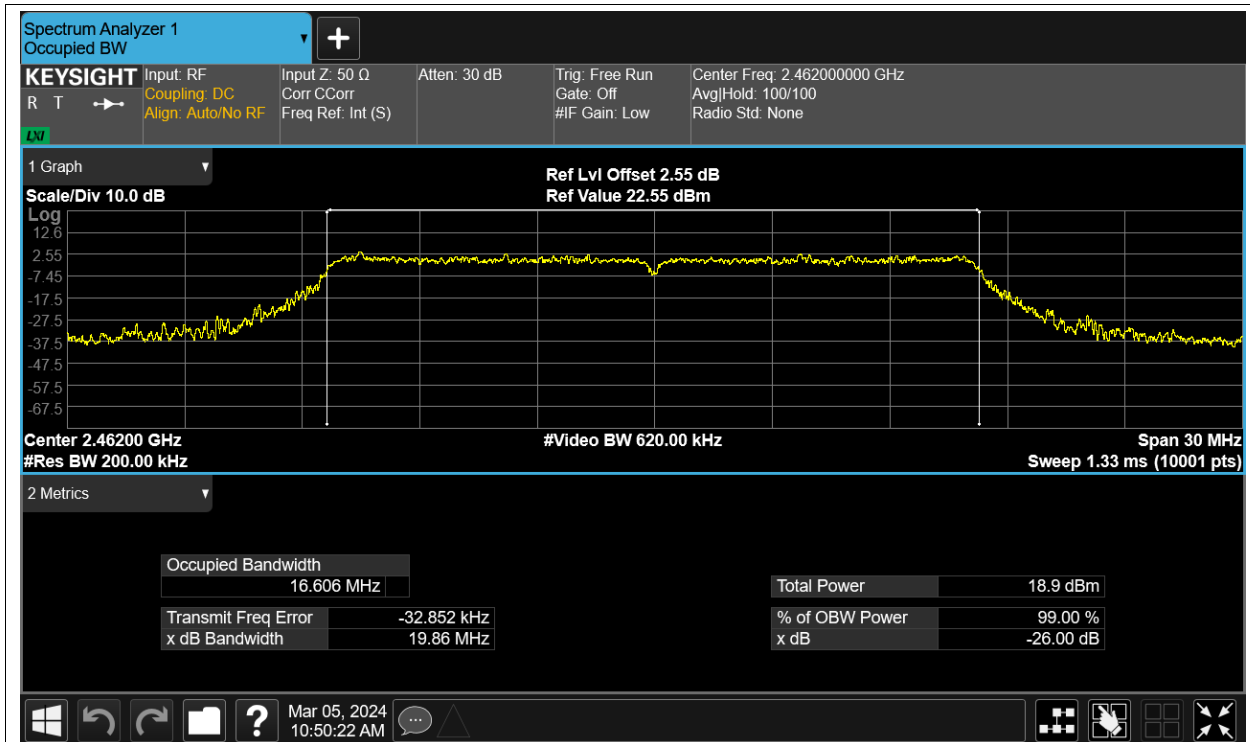
OBW NVNT g 2412MHz Ant1



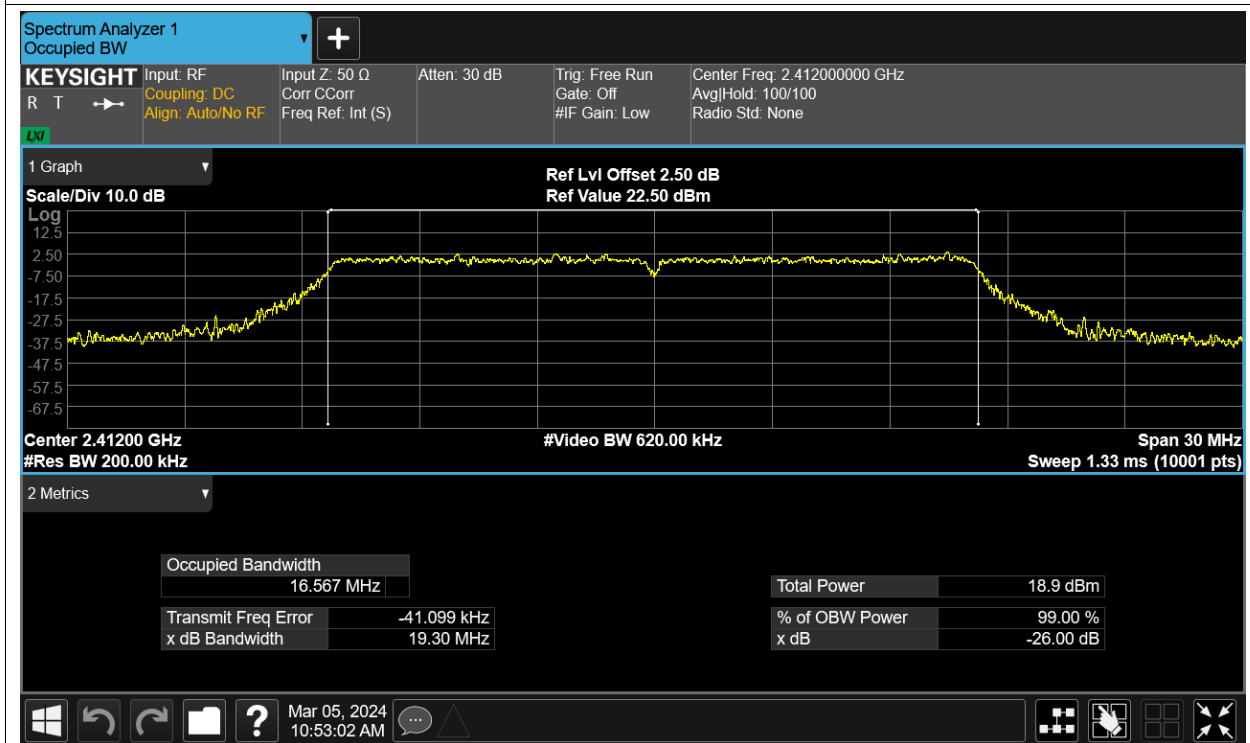
OBW NVNT g 2437MHz Ant1



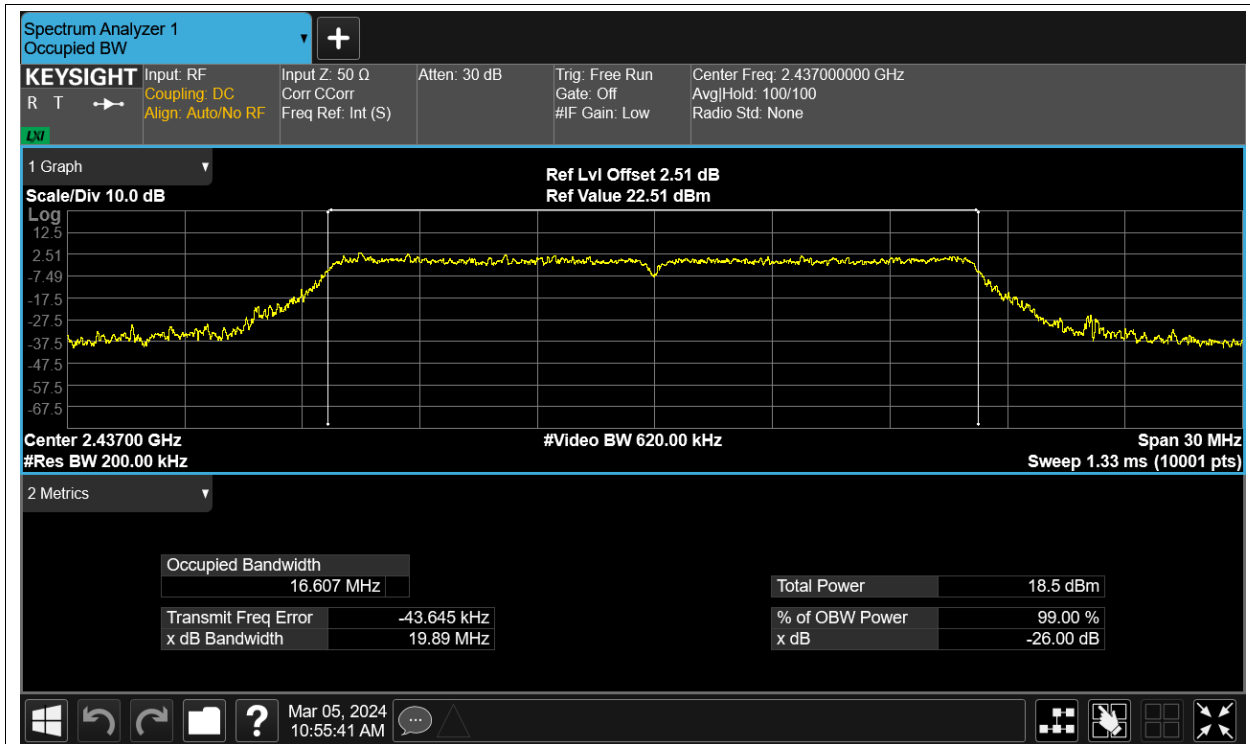
OBW NVNT g 2462MHz Ant1



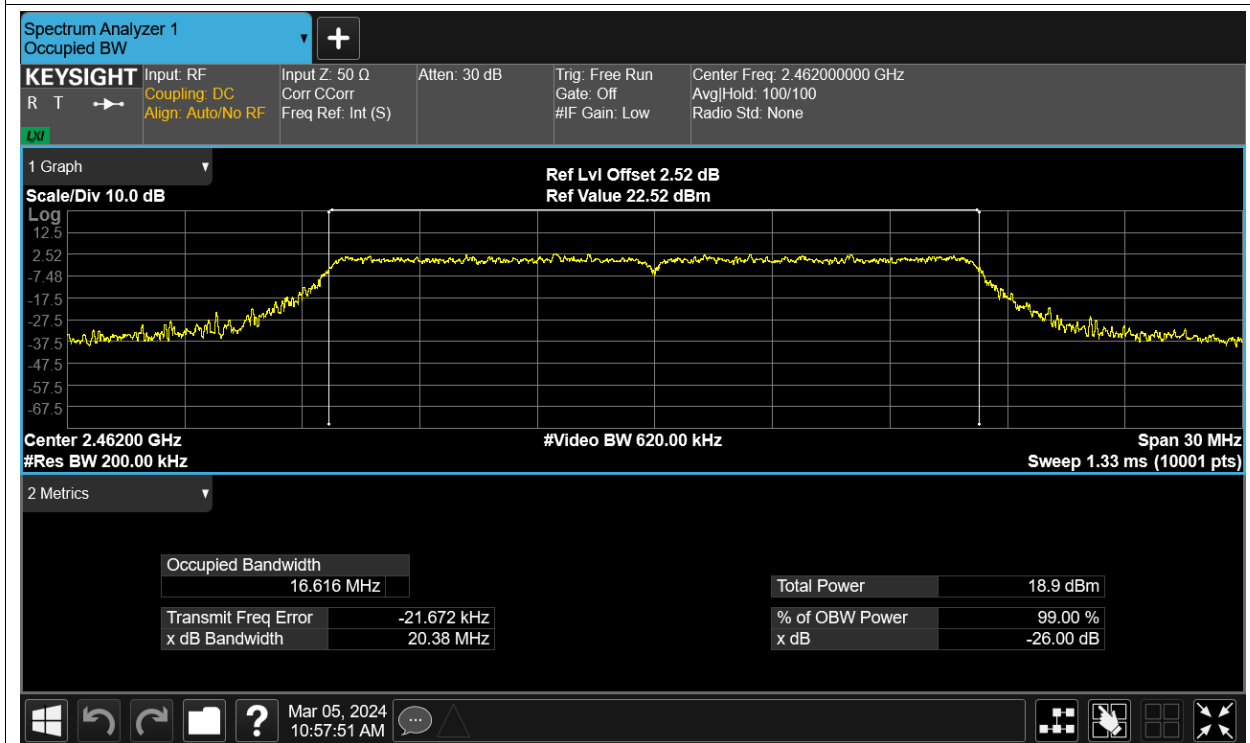
OBW NVNT g 2412MHz Ant2



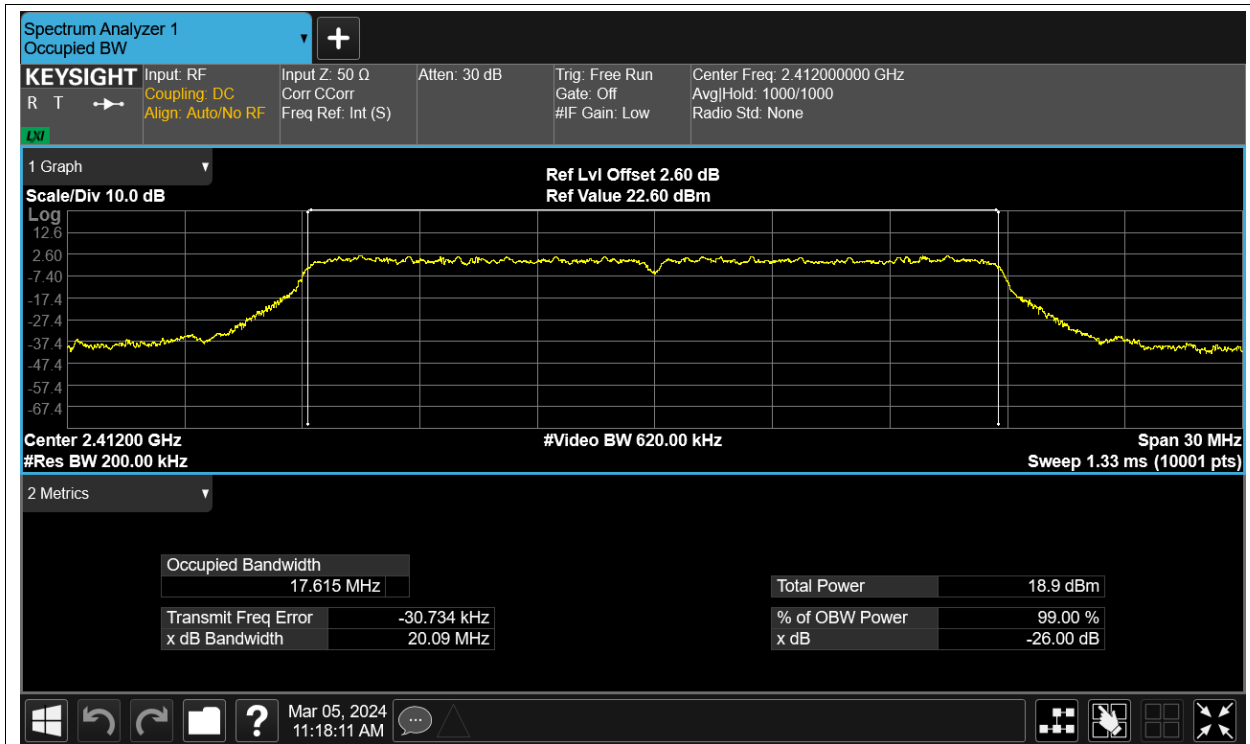
OBW NVNT g 2437MHz Ant2



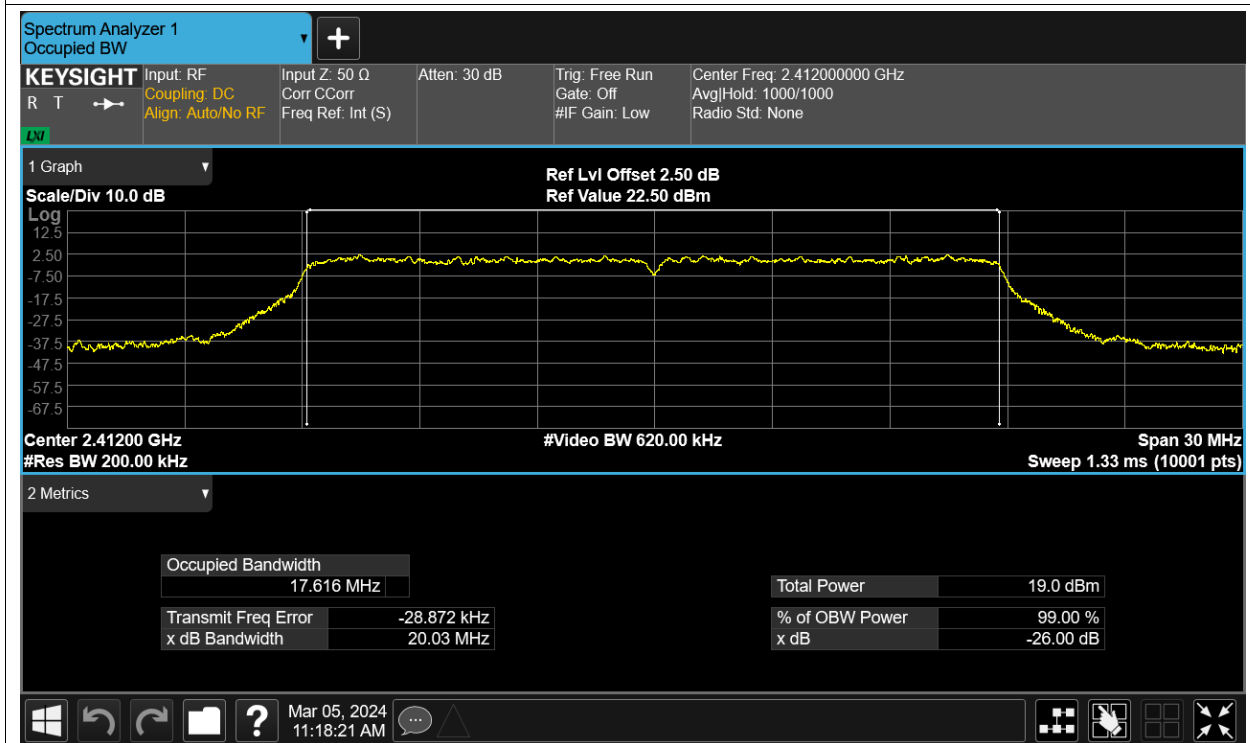
OBW NVNT g 2462MHz Ant2



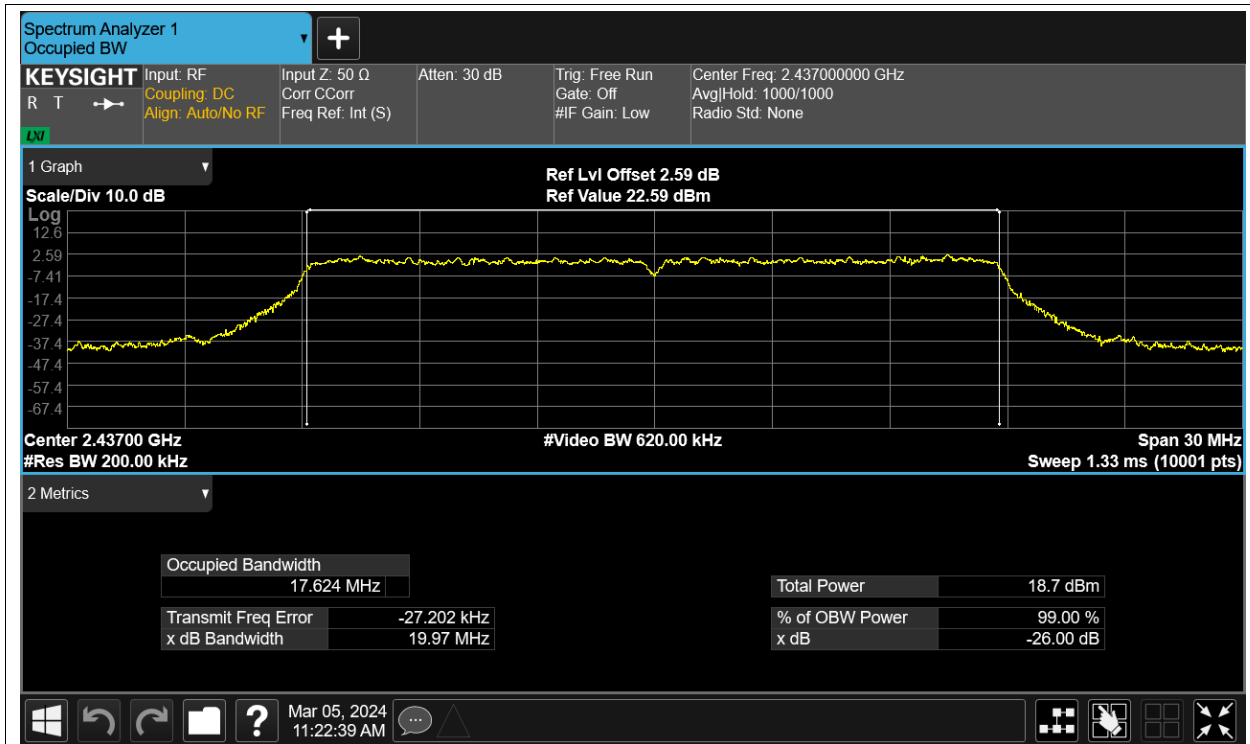
OBW NVNT n20 2412MHz Ant1



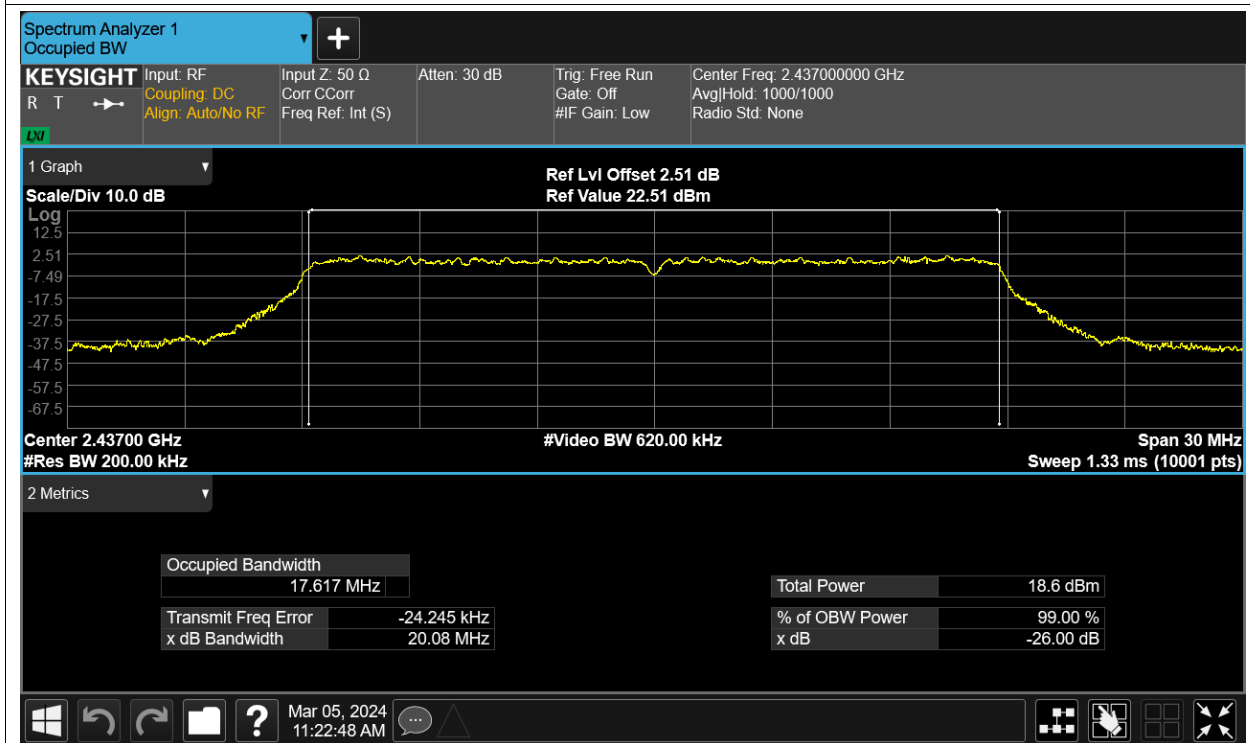
OBW NVNT n20 2412MHz Ant2



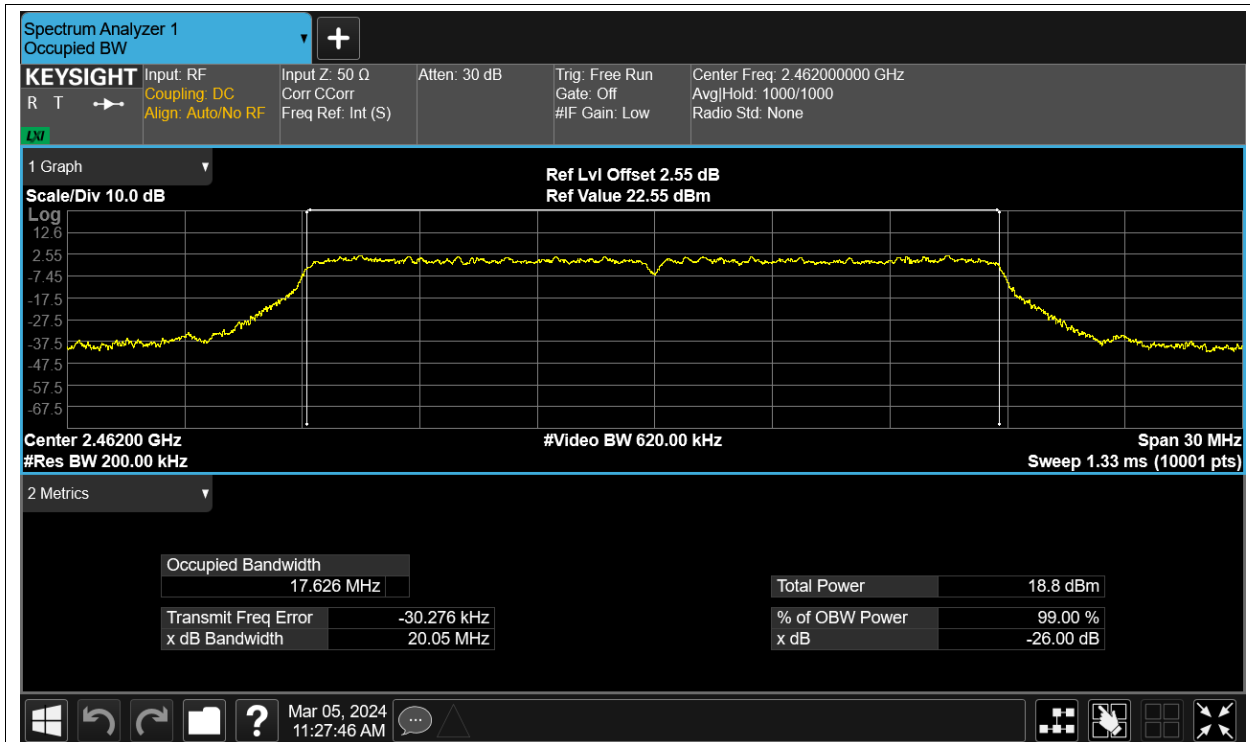
OBW NVNT n20 2437MHz Ant1



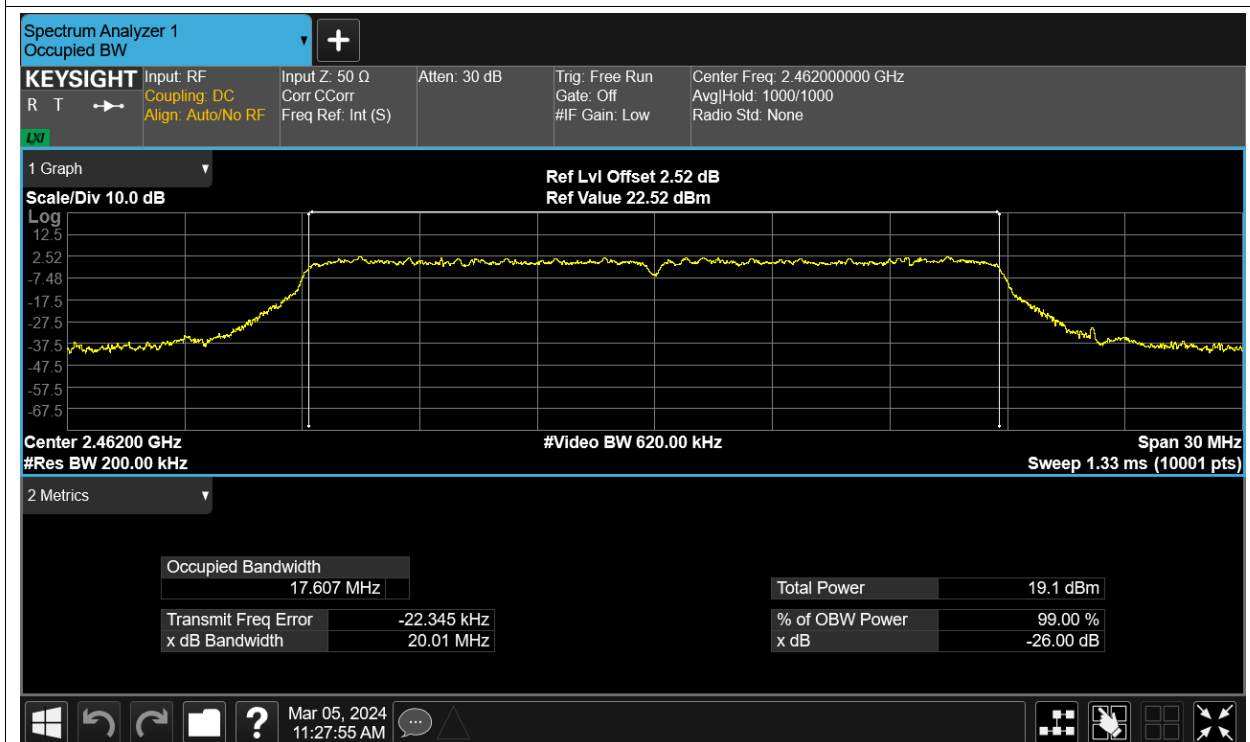
OBW NVNT n20 2437MHz Ant2



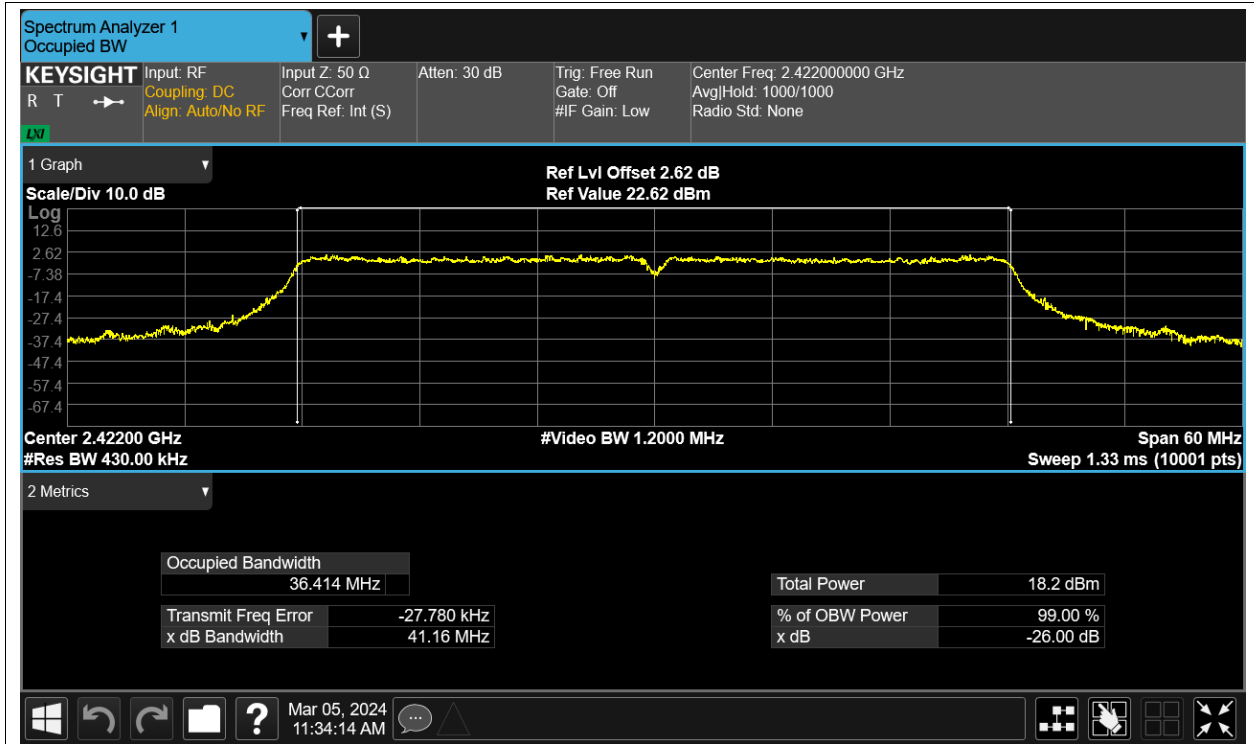
OBW NVNT n20 2462MHz Ant1



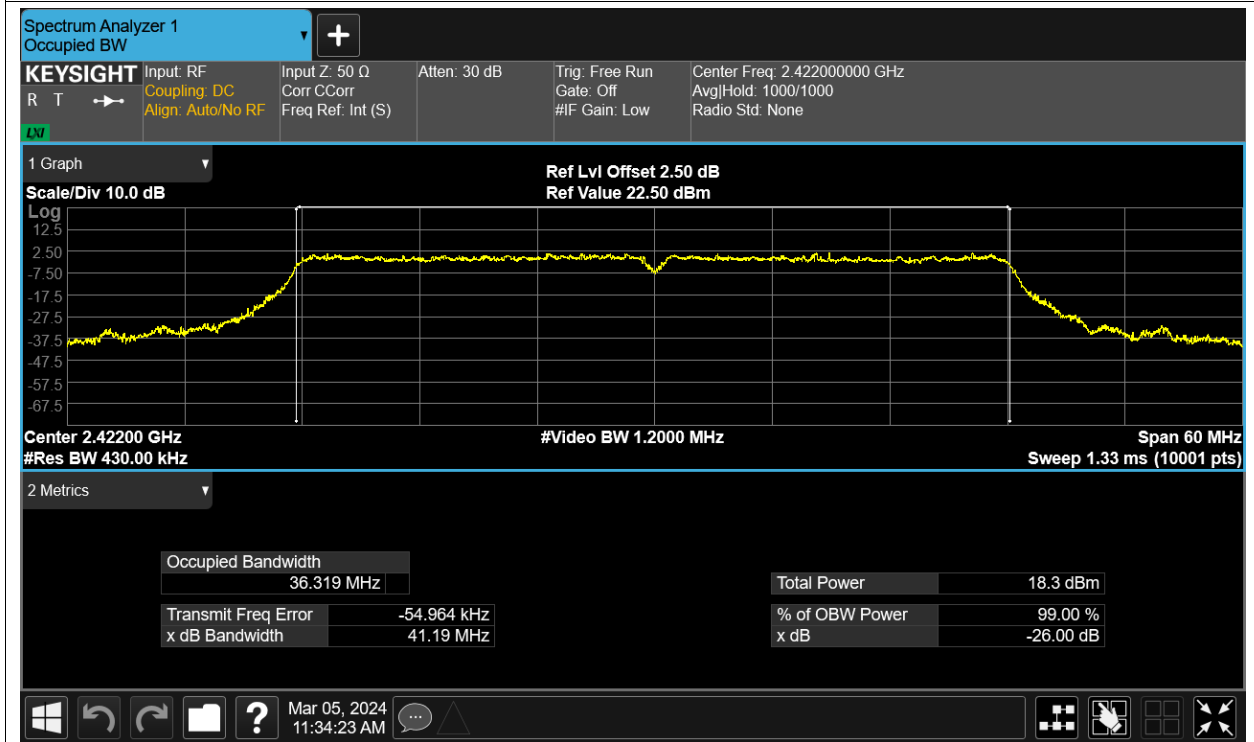
OBW NVNT n20 2462MHz Ant2



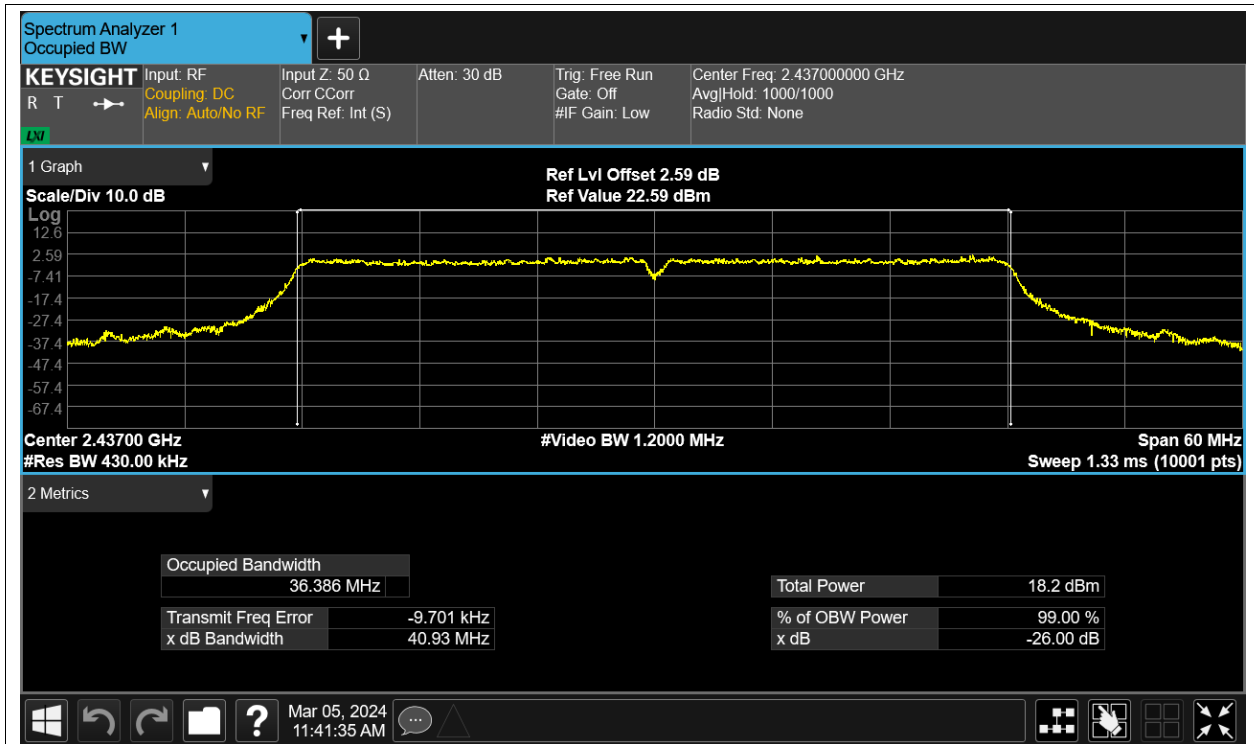
OBW NVNT n40 2422MHz Ant1



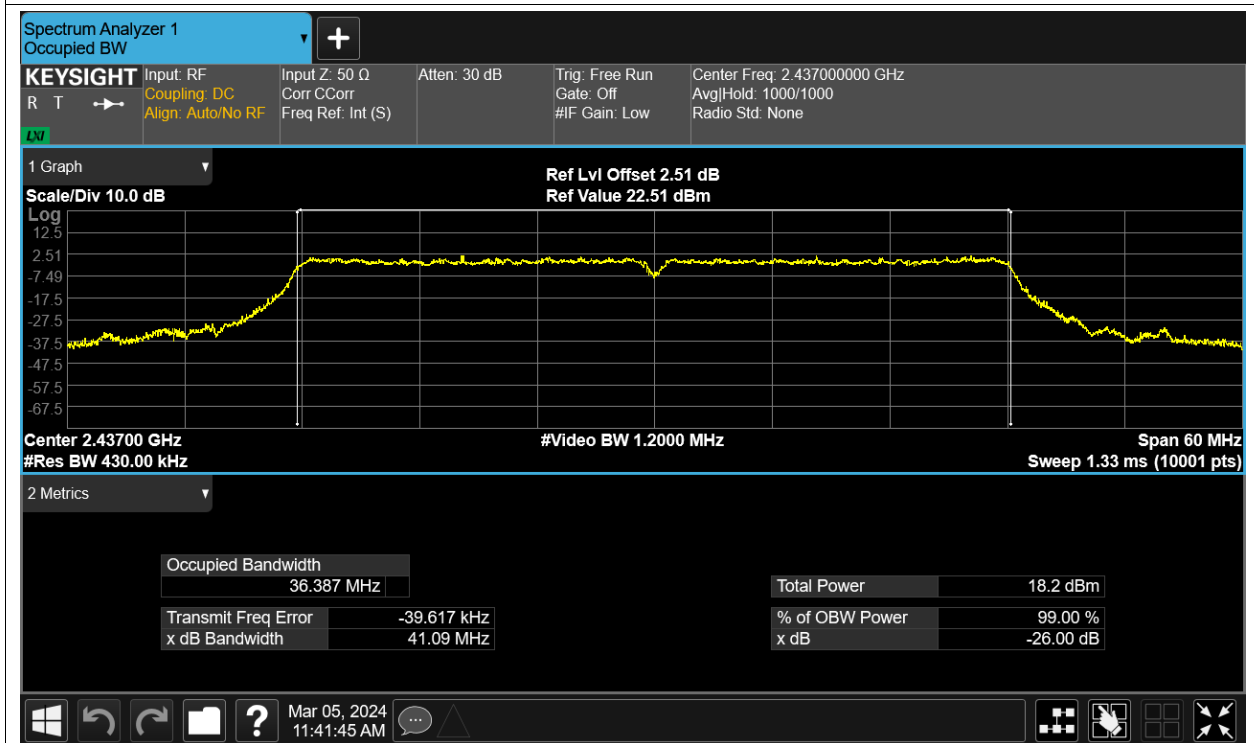
OBW NVNT n40 2422MHz Ant2



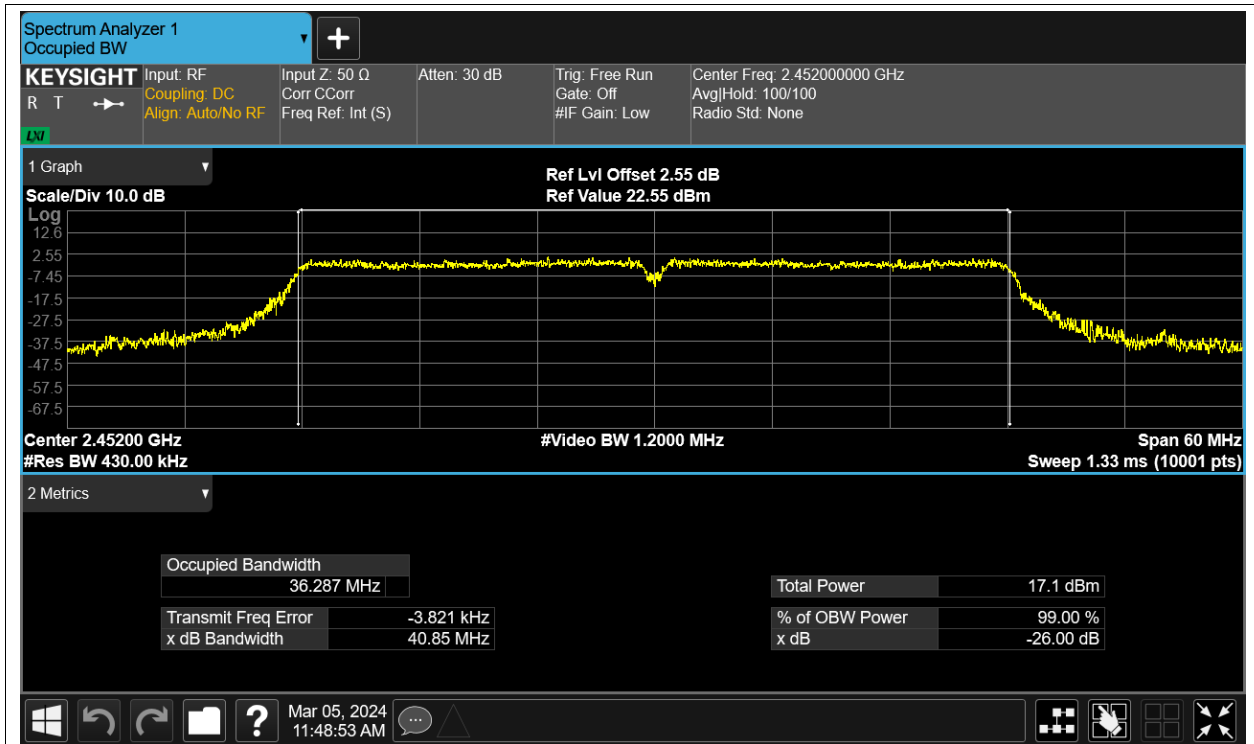
OBW NVNT n40 2437MHz Ant1



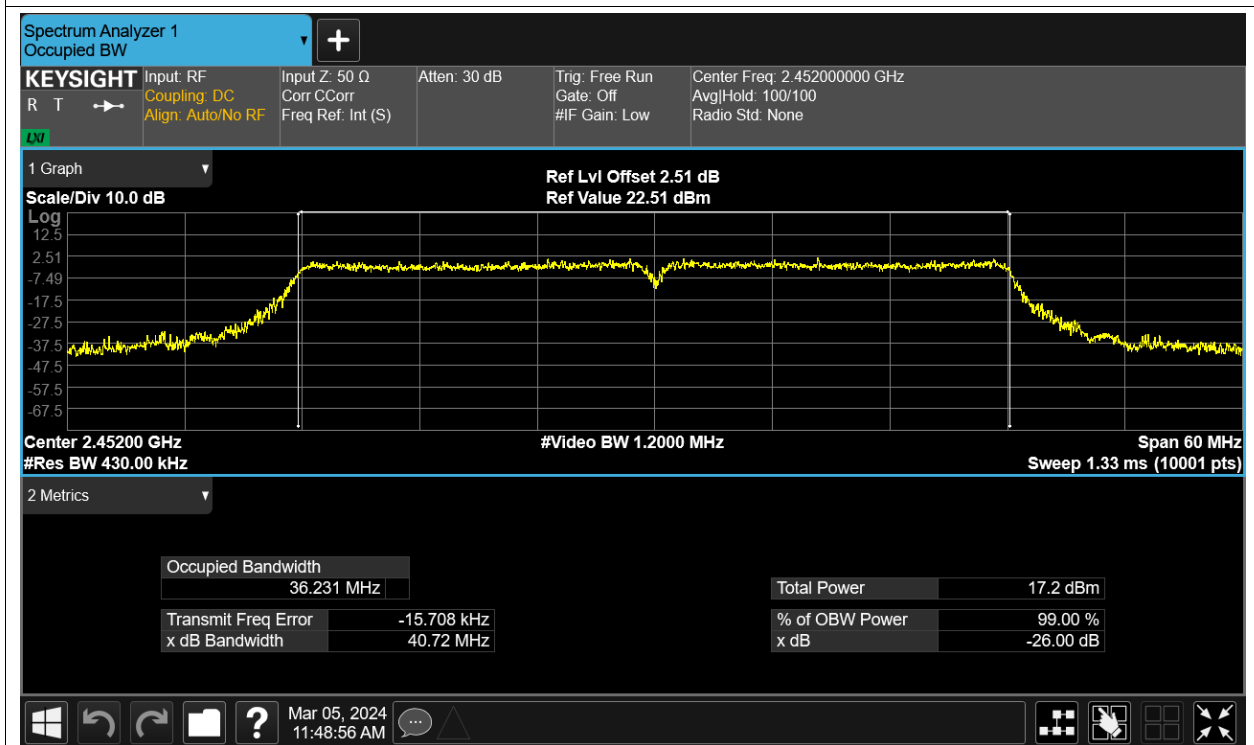
OBW NVNT n40 2437MHz Ant2



OBW NVNT n40 2452MHz Ant1



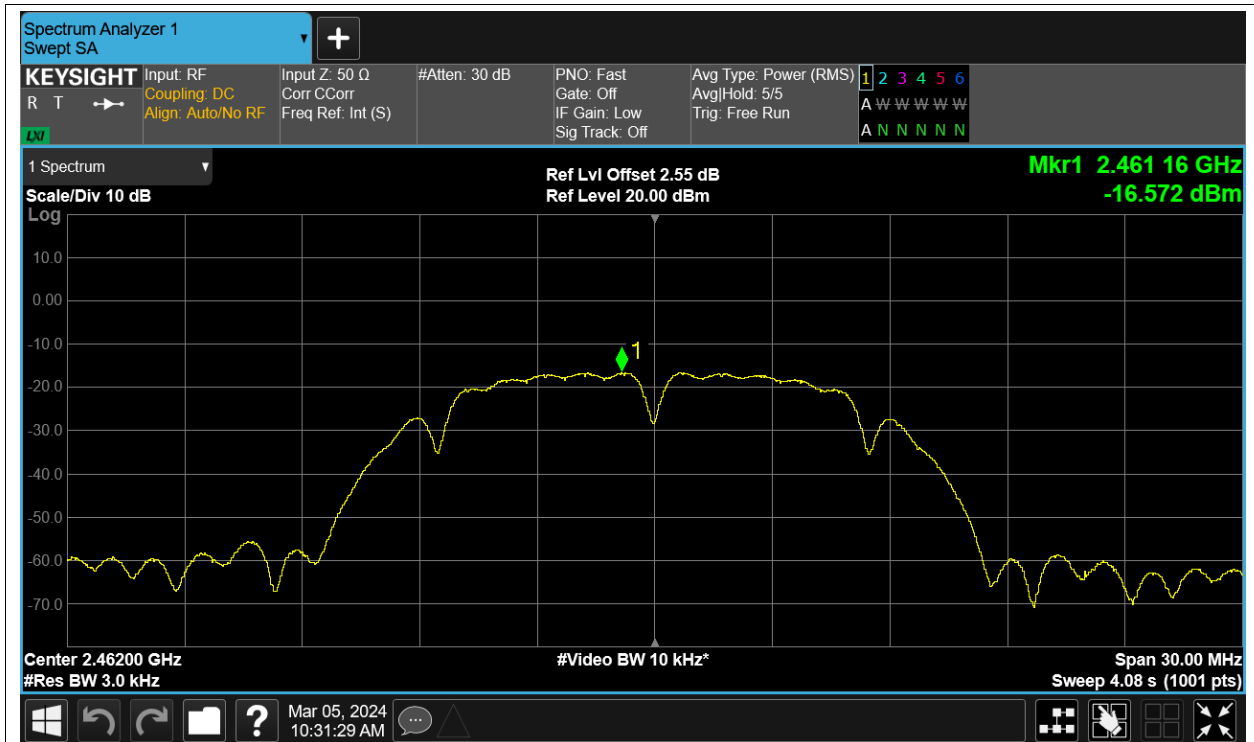
OBW NVNT n40 2452MHz Ant2



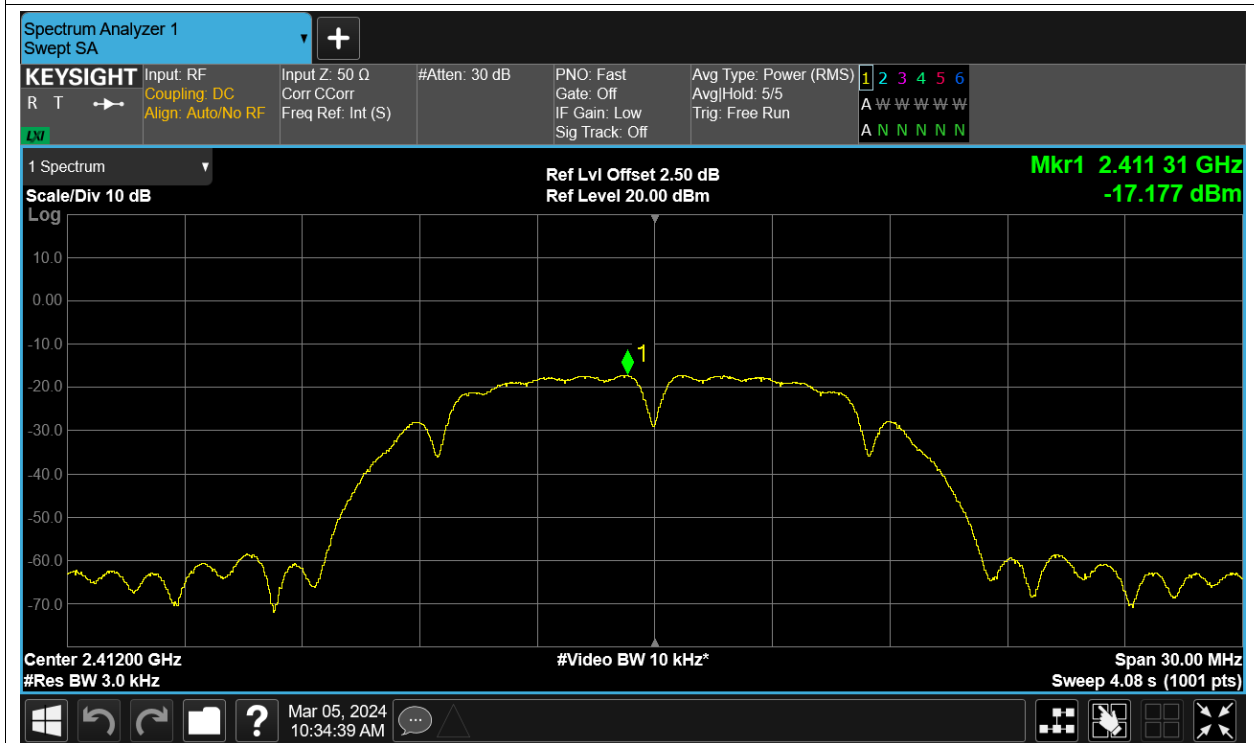
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	-16.716	8	Pass
NVNT	b	2437	Ant1	-16.862	8	Pass
NVNT	b	2462	Ant1	-16.572	8	Pass
NVNT	b	2412	Ant2	-17.177	8	Pass
NVNT	b	2437	Ant2	-16.546	8	Pass
NVNT	b	2462	Ant2	-17.053	8	Pass
NVNT	g	2412	Ant1	-21.498	8	Pass
NVNT	g	2437	Ant1	-21.565	8	Pass
NVNT	g	2462	Ant1	-21.389	8	Pass
NVNT	g	2412	Ant2	-21.544	8	Pass
NVNT	g	2437	Ant2	-21.953	8	Pass
NVNT	g	2462	Ant2	-21.617	8	Pass
NVNT	n20	2412	Ant1	-23.194	8	Pass
NVNT	n20	2412	Ant2	-23.497	8	Pass
NVNT	n20	2412	Sum	-20.333	8	Pass
NVNT	n20	2437	Ant1	-23.134	8	Pass
NVNT	n20	2437	Ant2	-23.553	8	Pass
NVNT	n20	2437	Sum	-20.328	8	Pass
NVNT	n20	2462	Ant1	-23.514	8	Pass
NVNT	n20	2462	Ant2	-23.287	8	Pass
NVNT	n20	2462	Sum	-20.389	8	Pass
NVNT	n40	2422	Ant1	-27.682	8	Pass
NVNT	n40	2422	Ant2	-27.39	8	Pass
NVNT	n40	2422	Sum	-24.523	8	Pass
NVNT	n40	2437	Ant1	-27.15	8	Pass
NVNT	n40	2437	Ant2	-27.947	8	Pass
NVNT	n40	2437	Sum	-24.52	8	Pass
NVNT	n40	2452	Ant1	-27.626	8	Pass
NVNT	n40	2452	Ant2	-27.545	8	Pass
NVNT	n40	2452	Sum	-24.575	8	Pass

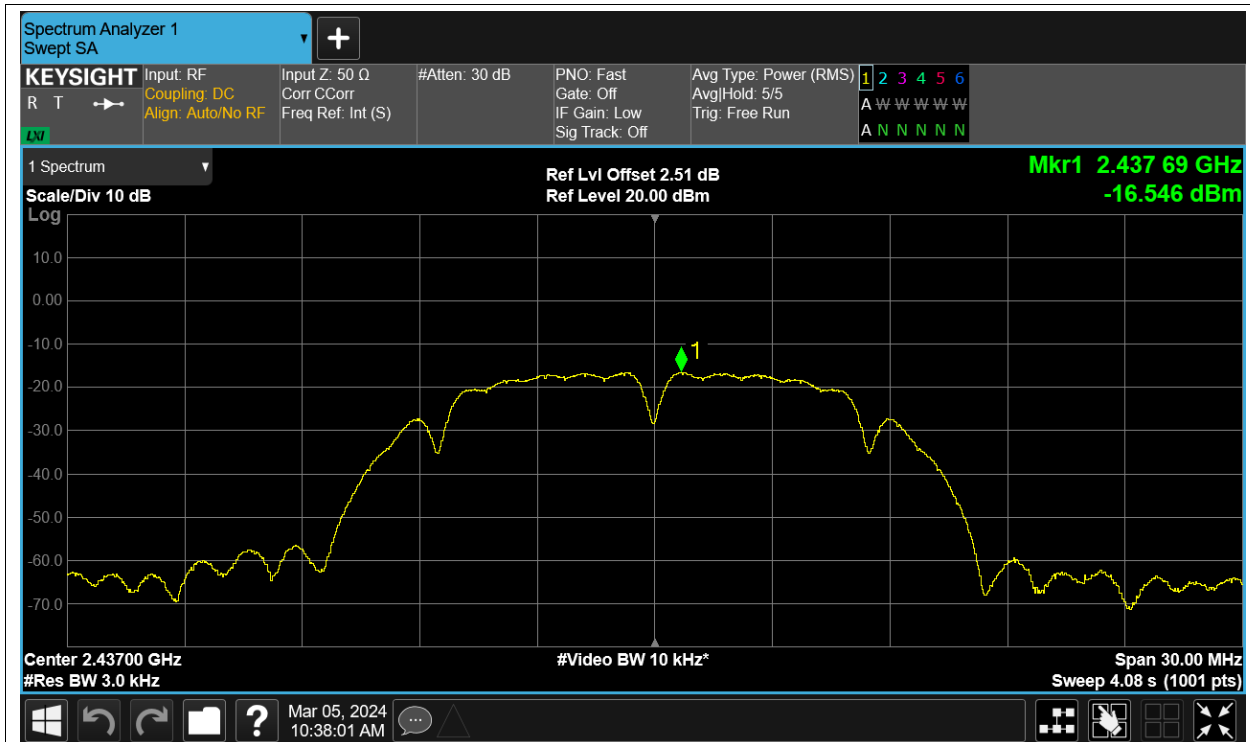




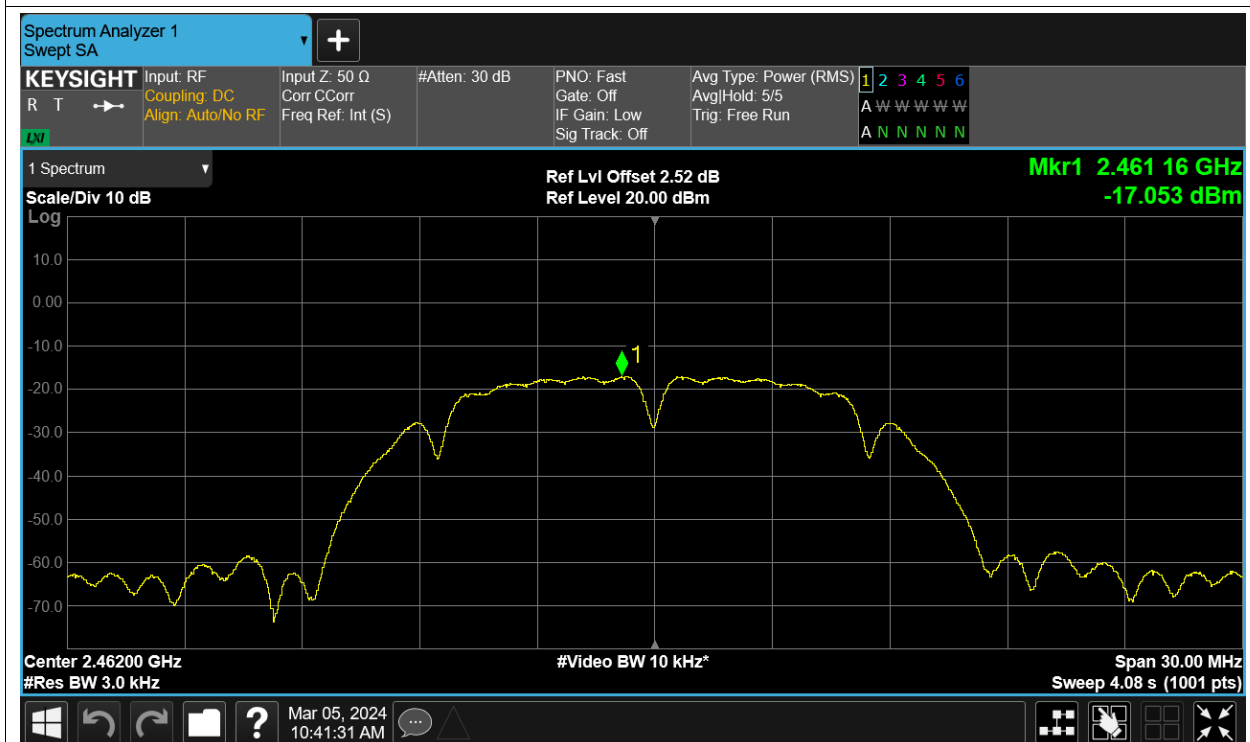
PSD NVNT b 2412MHz Ant2



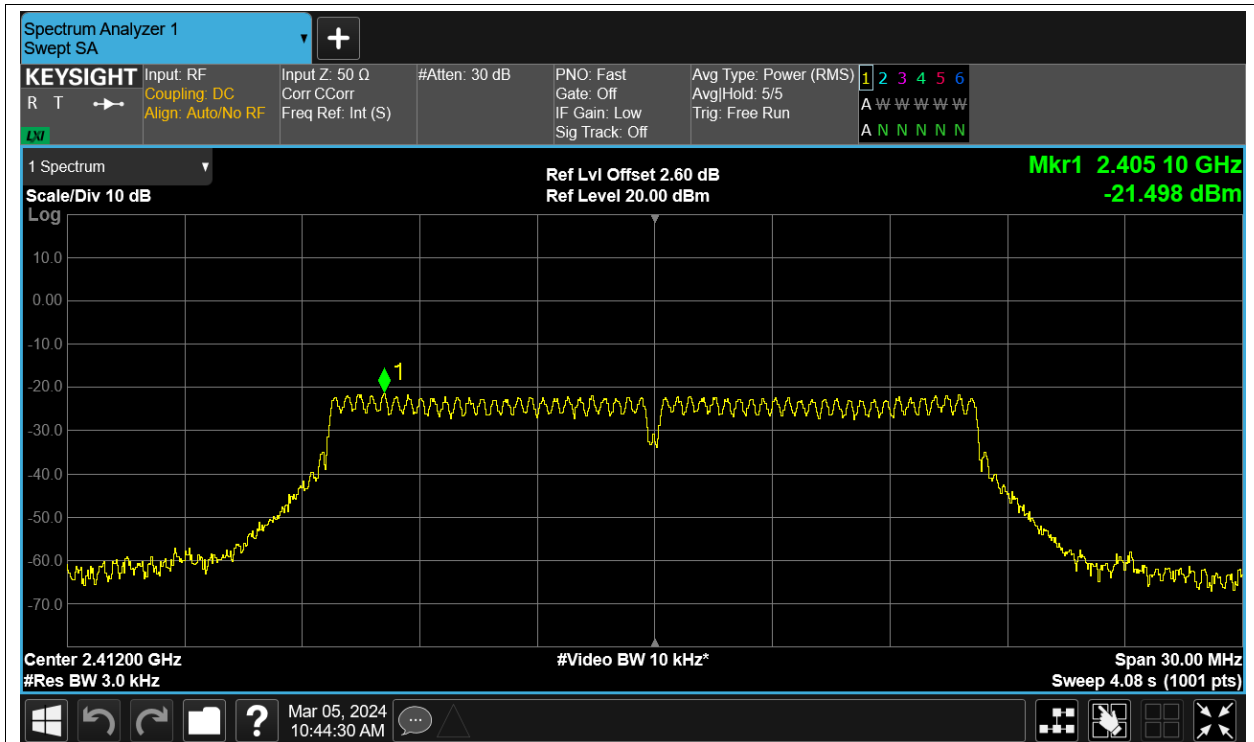
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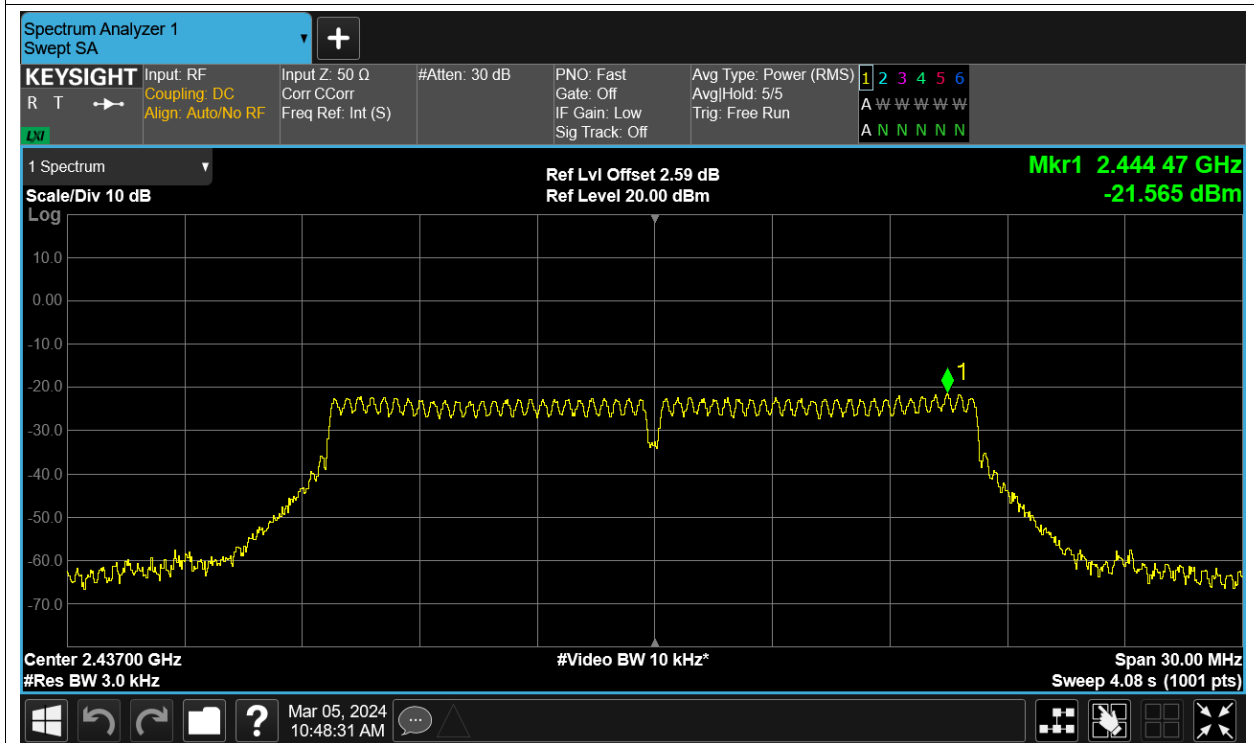
PSD NVNT b 2462MHz Ant2



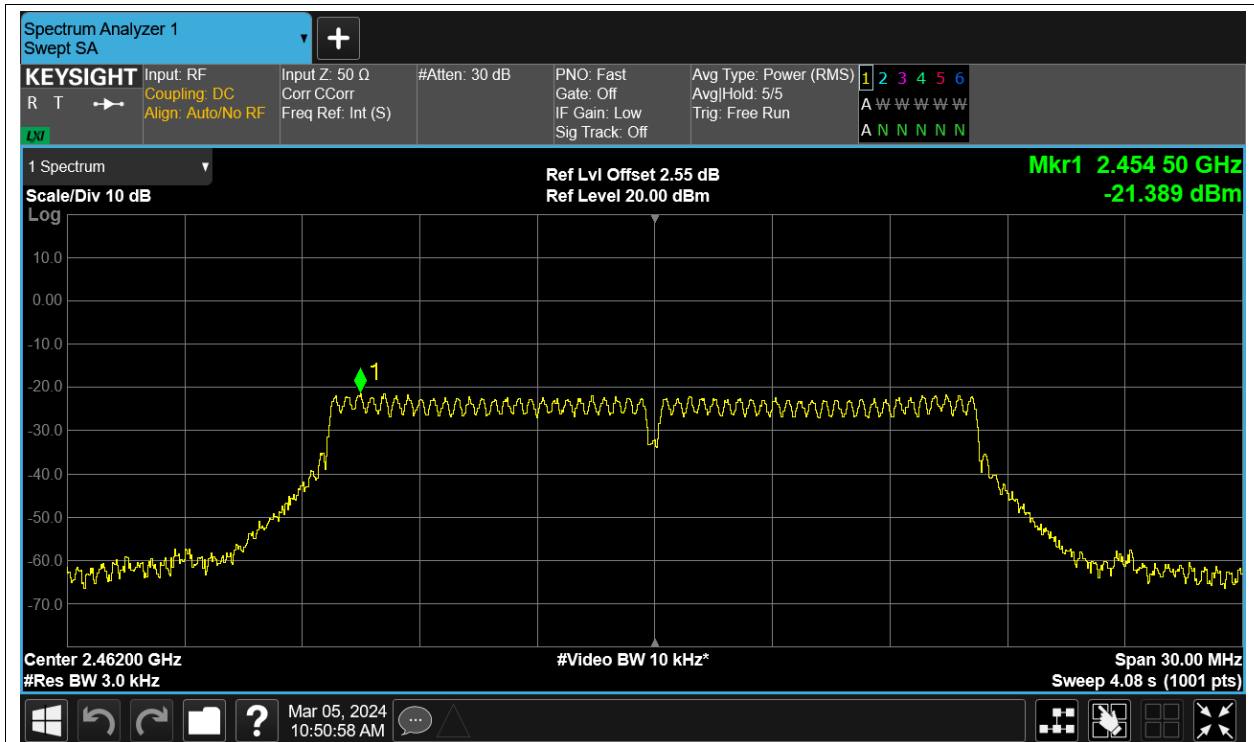
PSD NVNT g 2412MHz Ant1



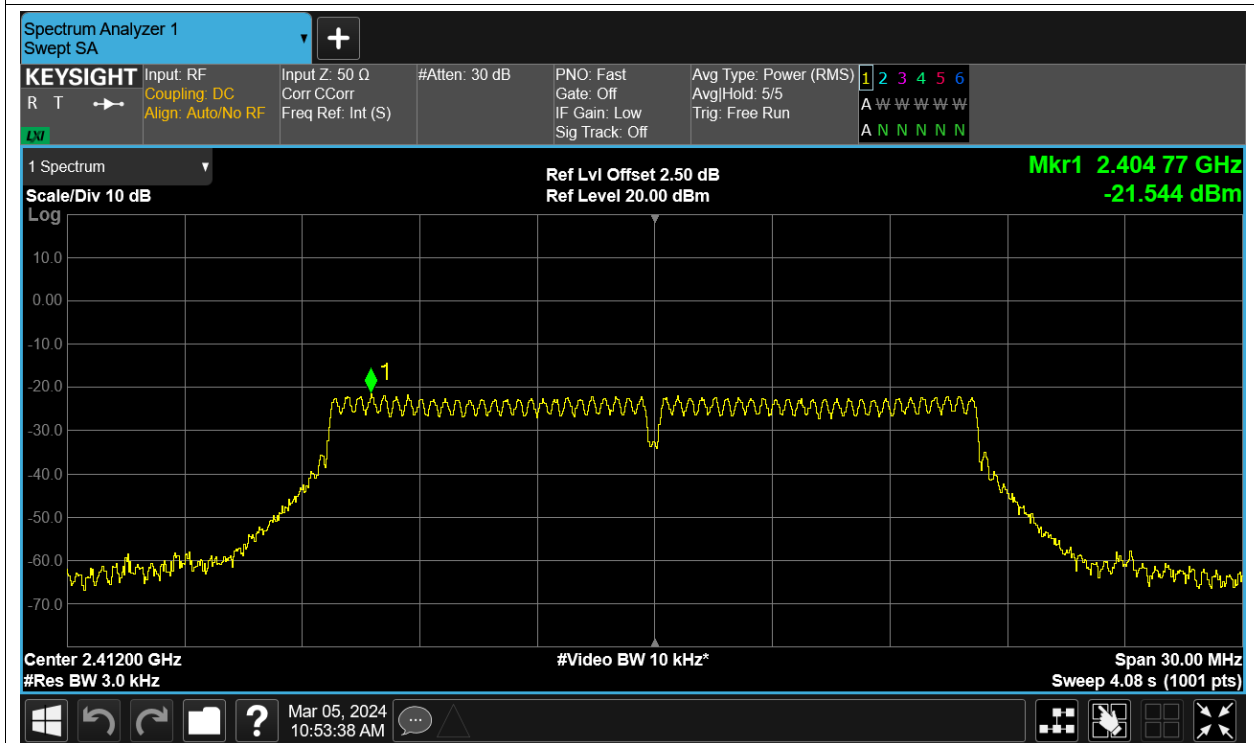
PSD NVNT g 2437MHz Ant1



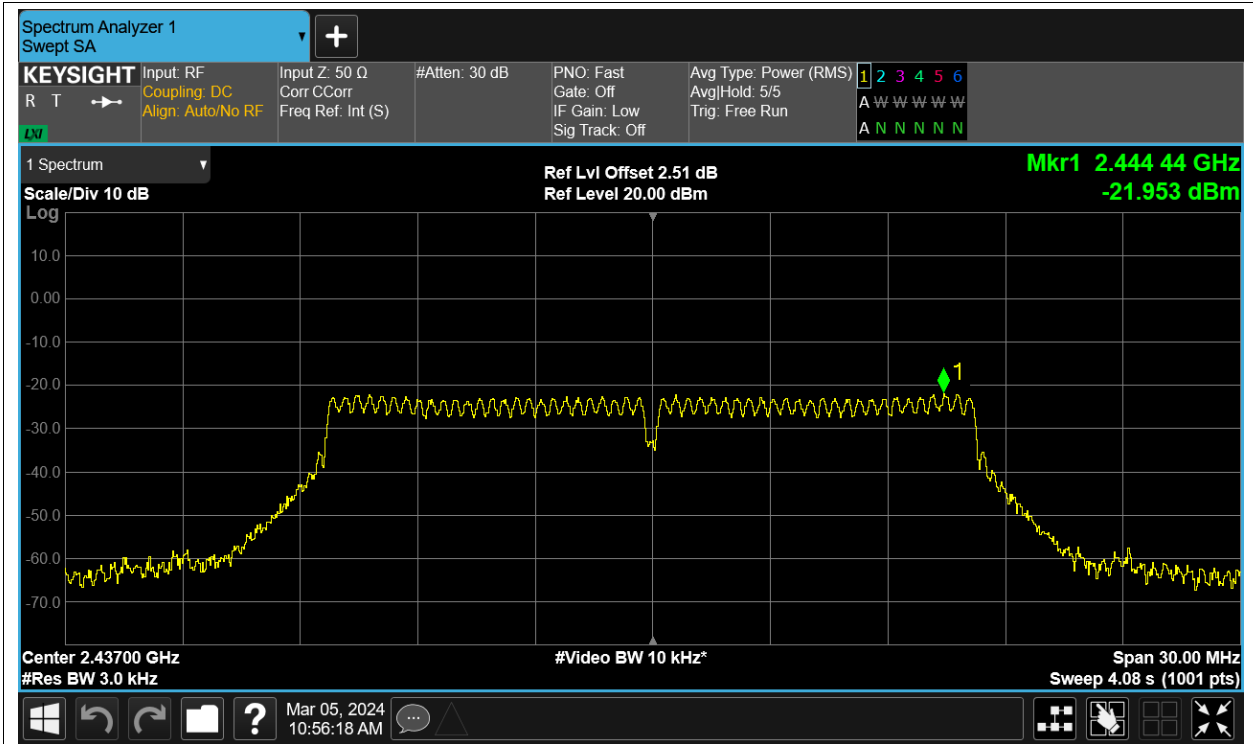
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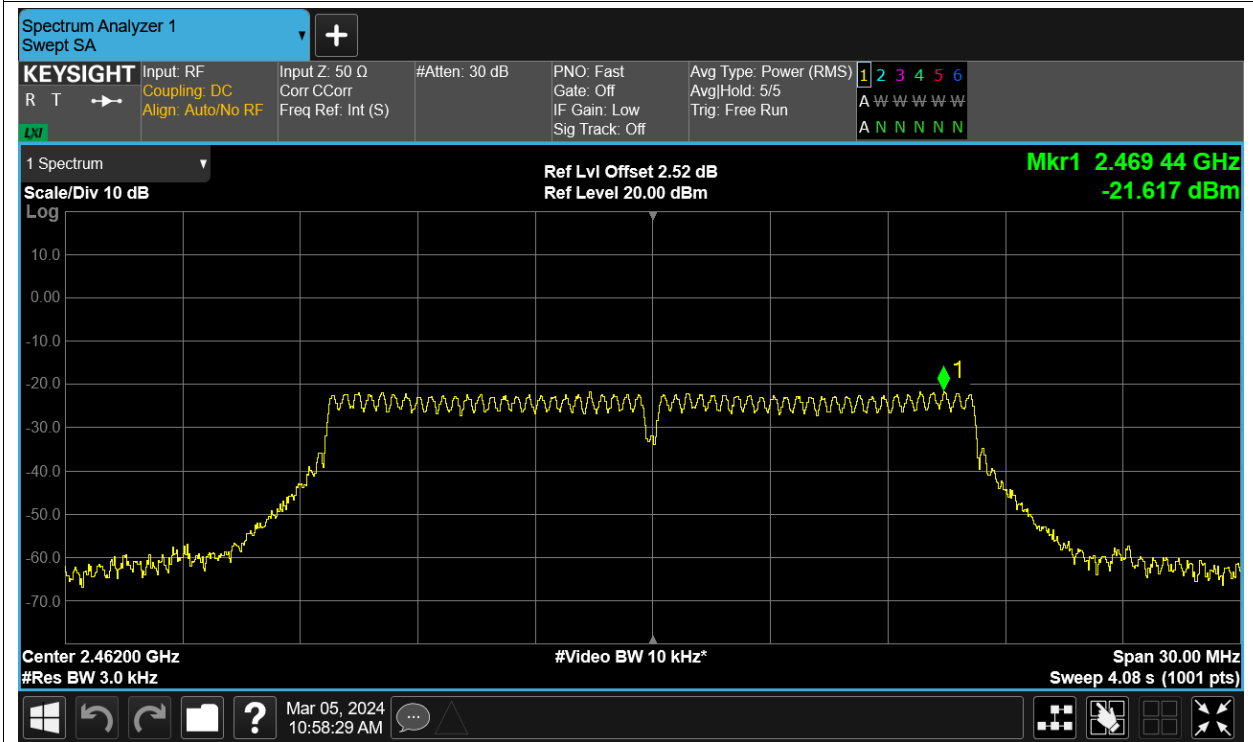
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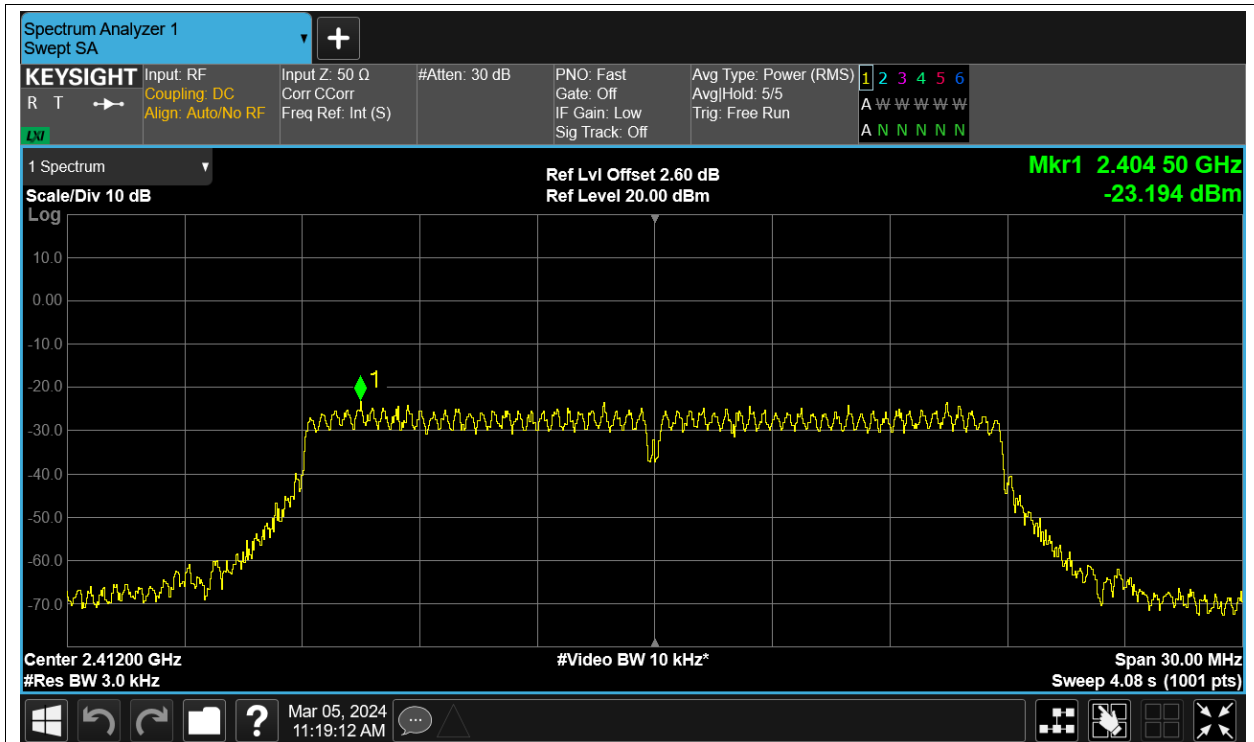
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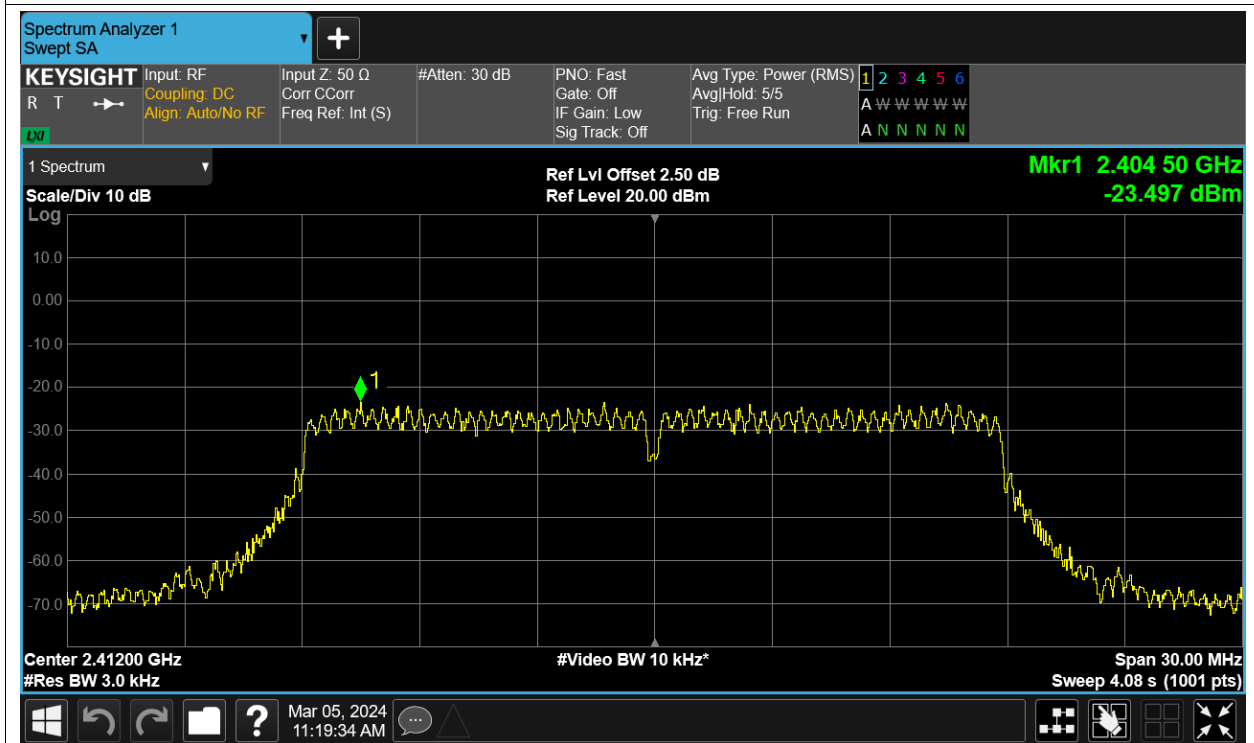
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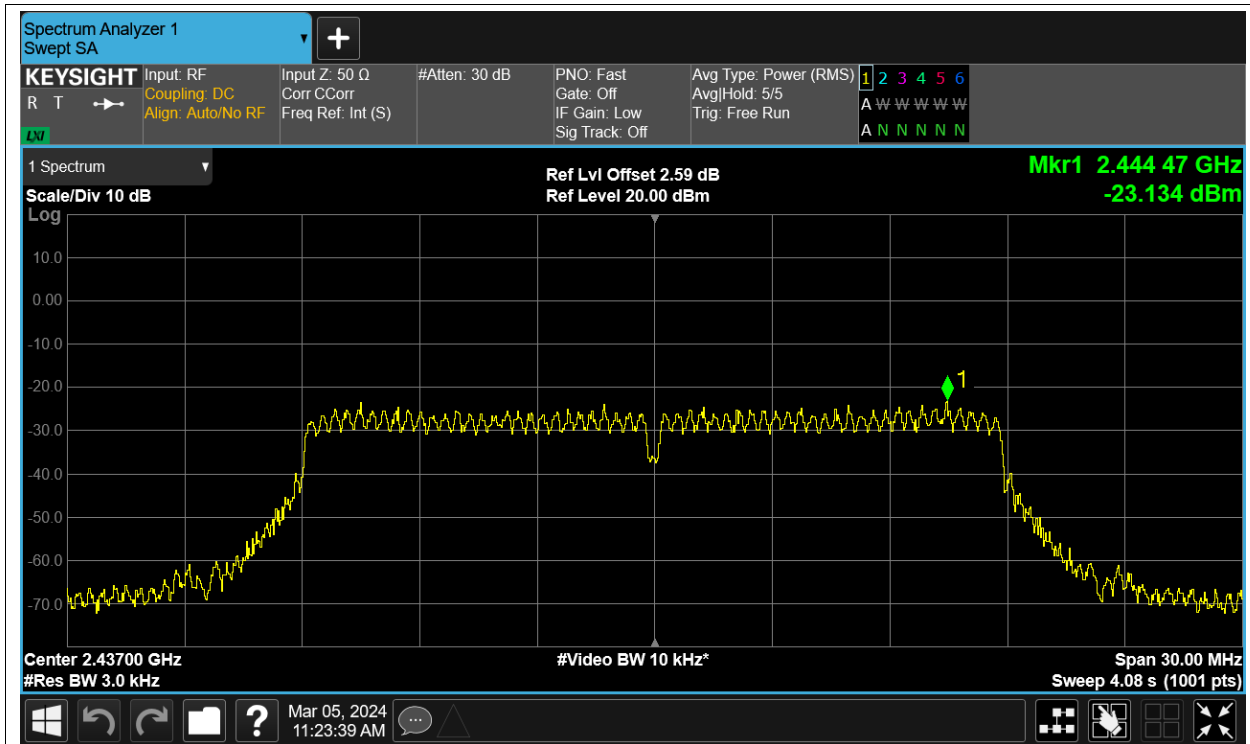
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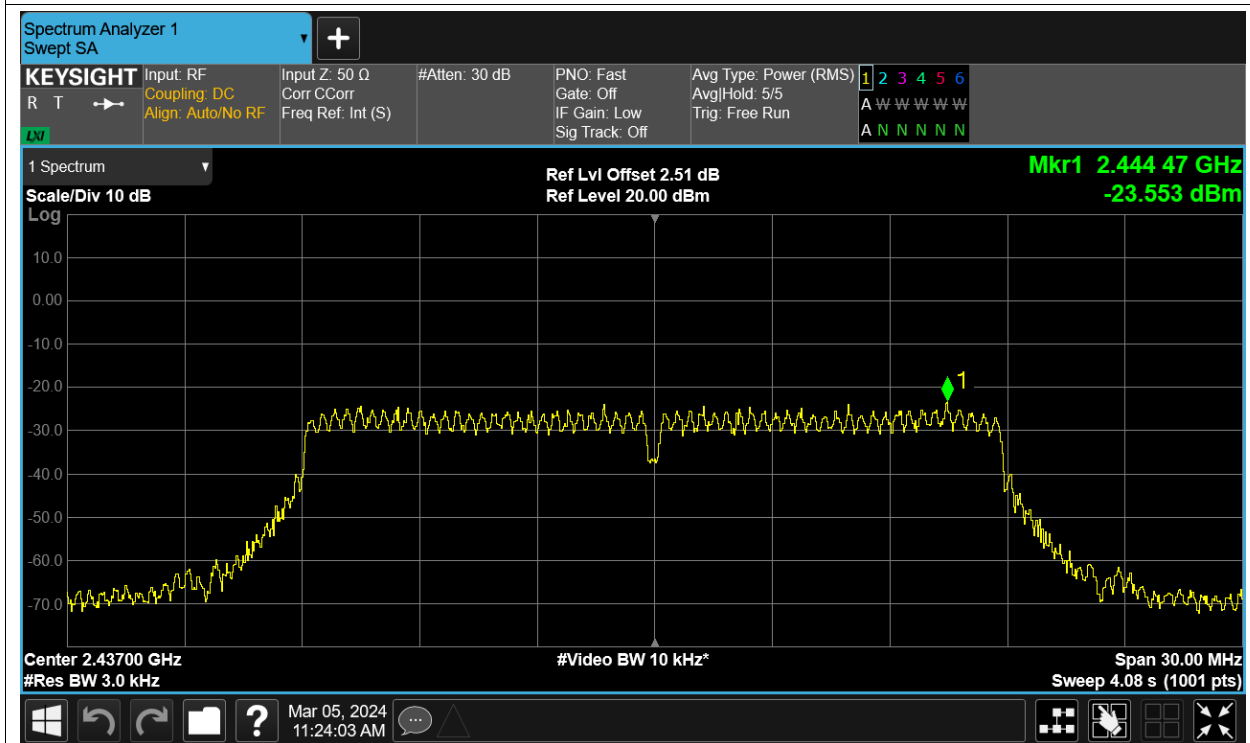
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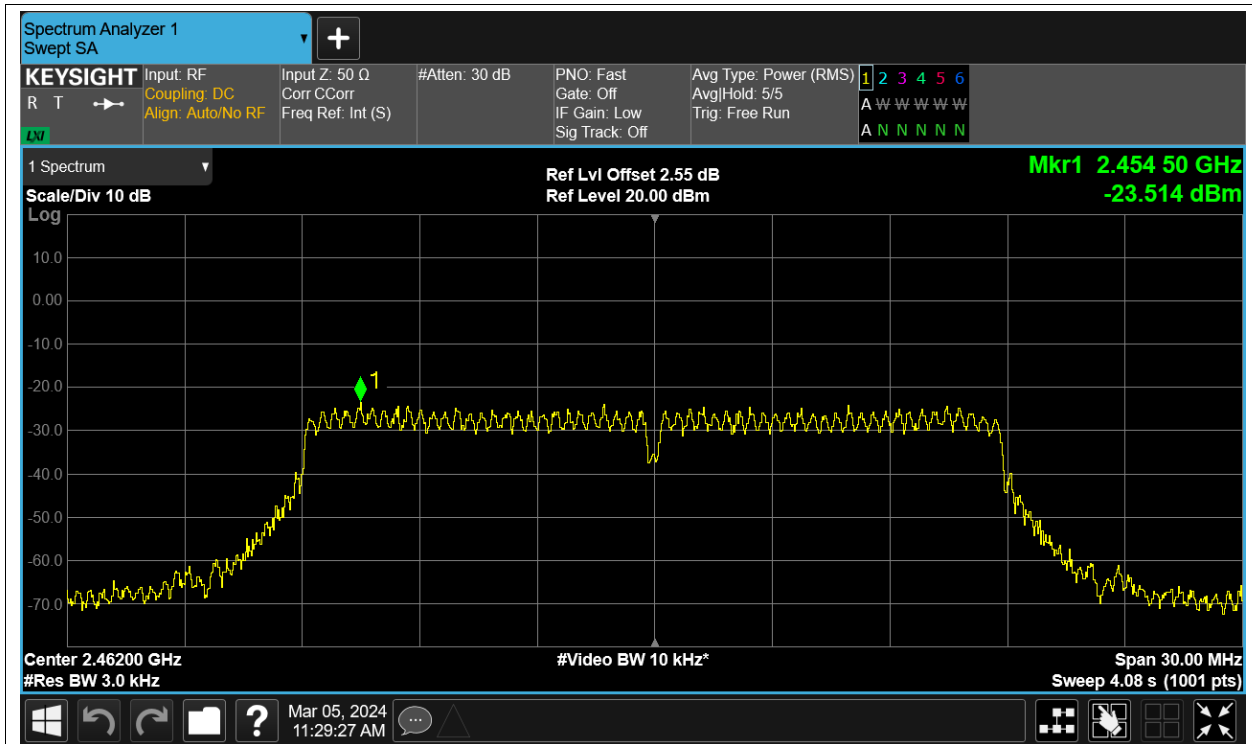
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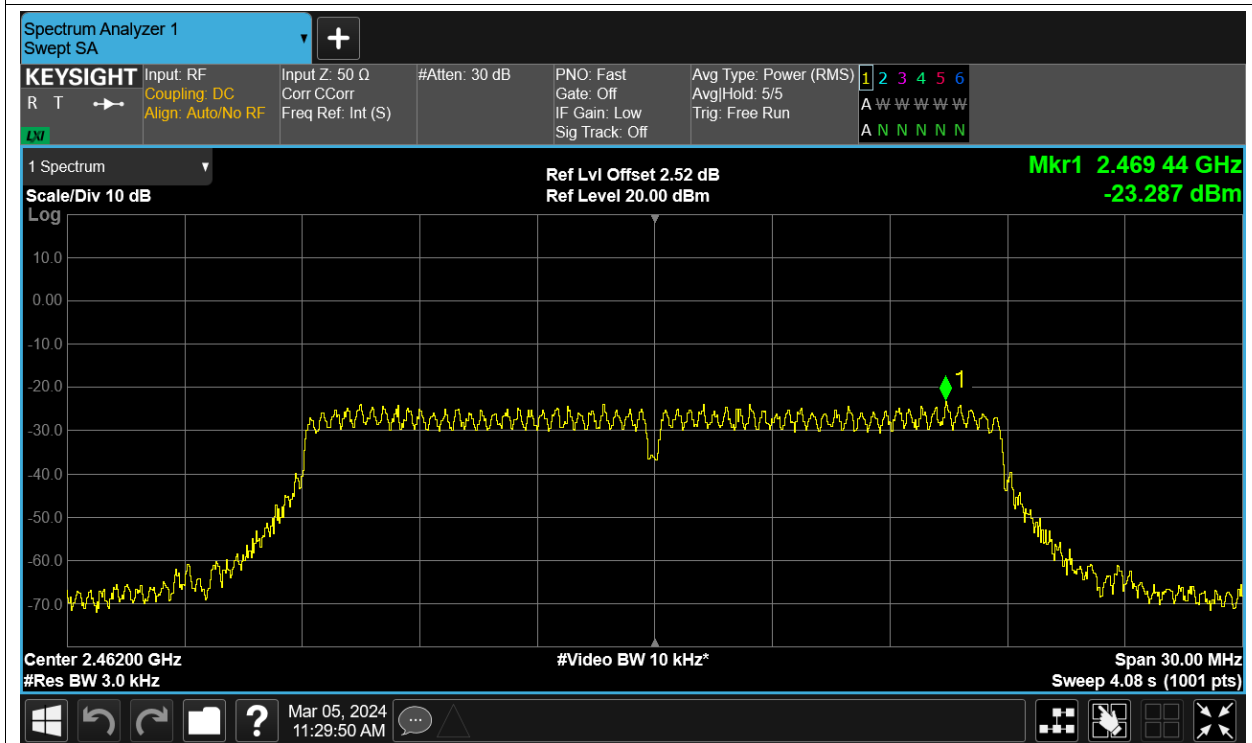
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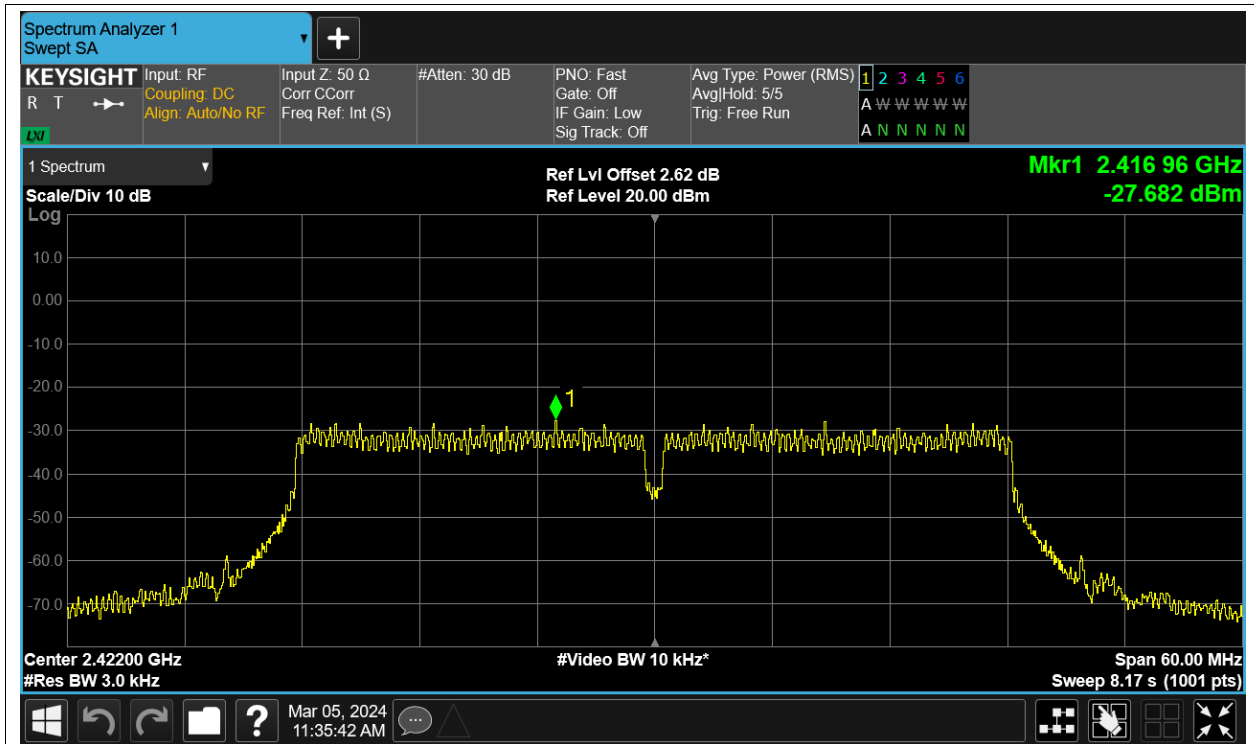
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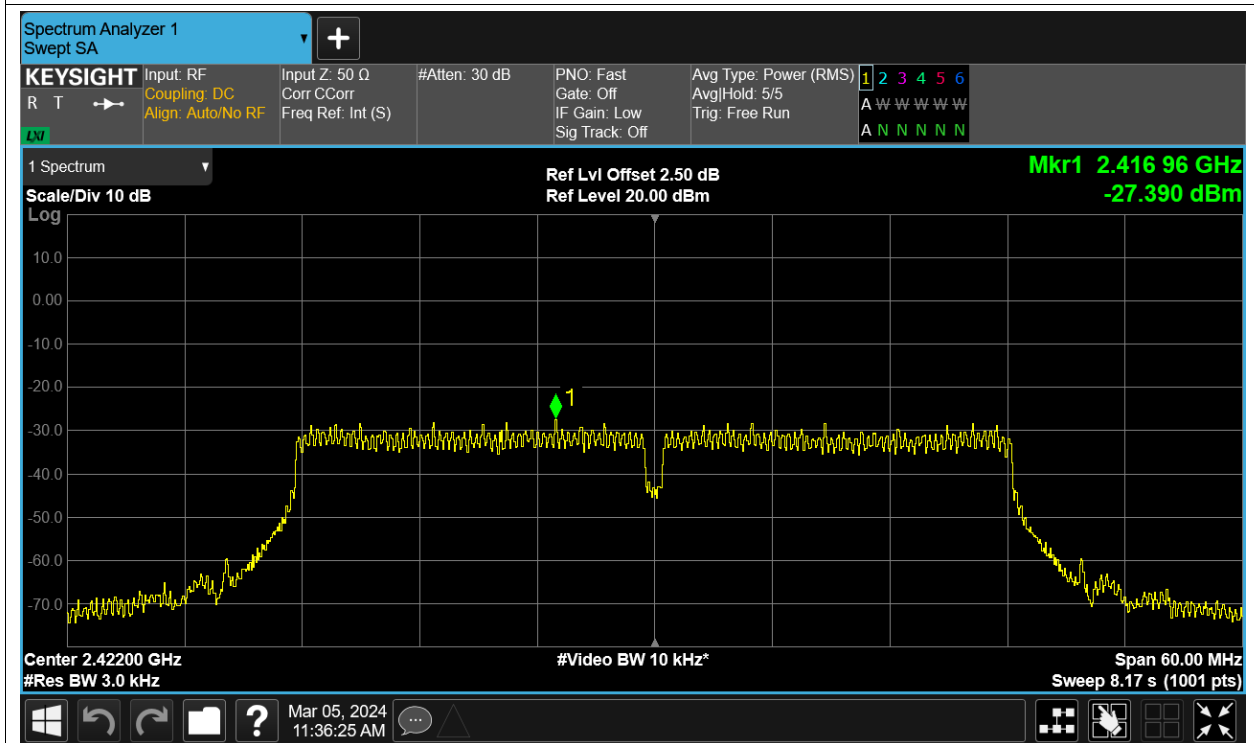
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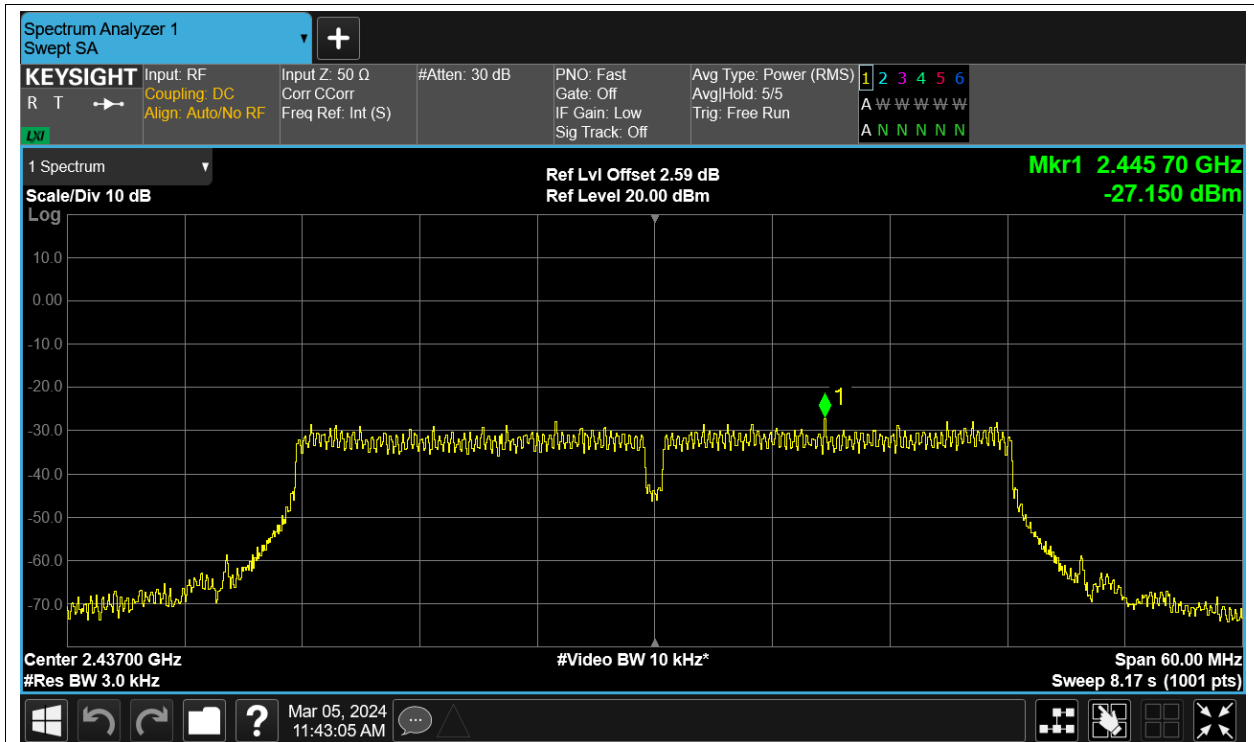
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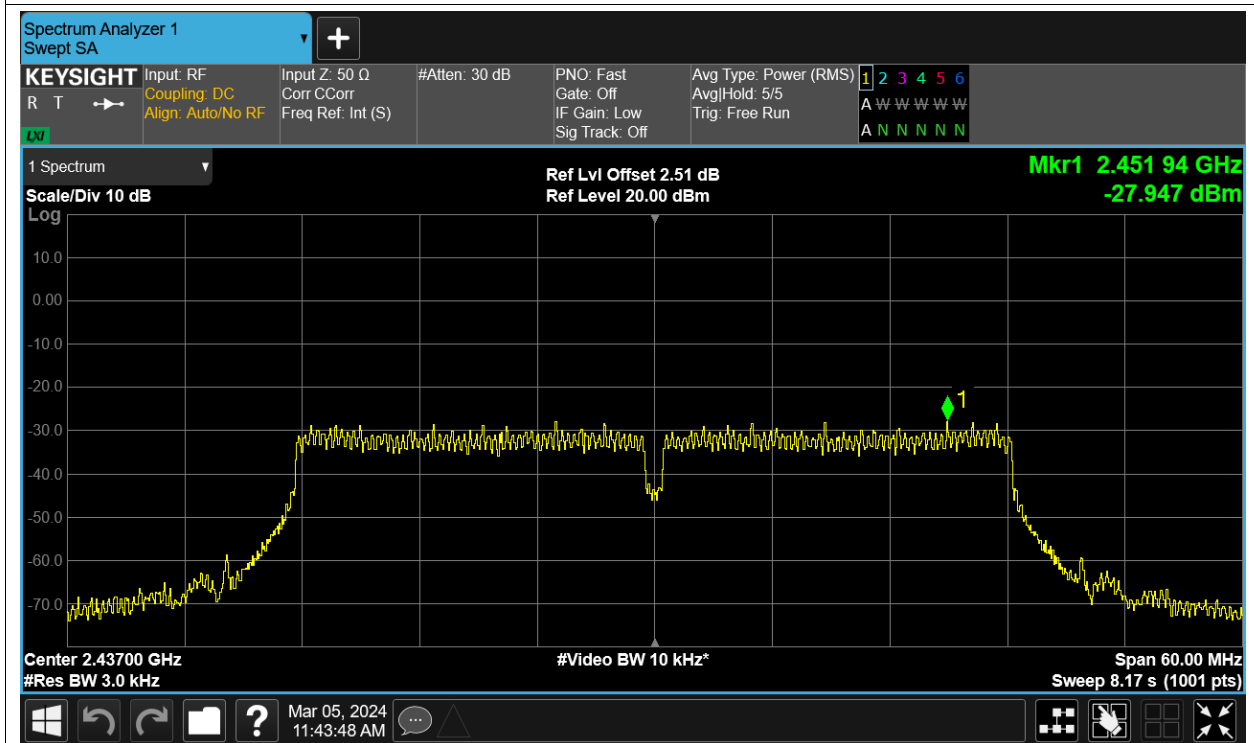
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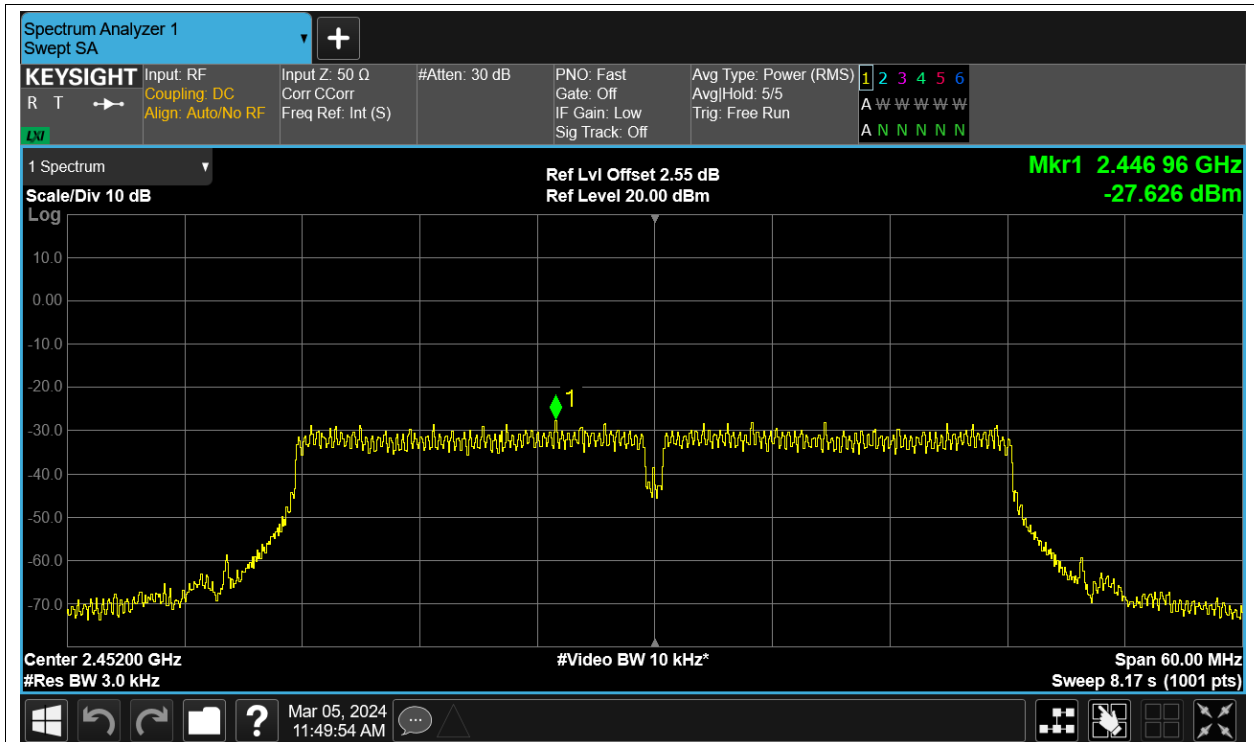
PSD NVNT n40 2437MHz Ant1



PSD NVNT n40 2437MHz Ant2



PSD NVNT n40 2452MHz Ant1



PSD NVNT n40 2452MHz Ant2

