

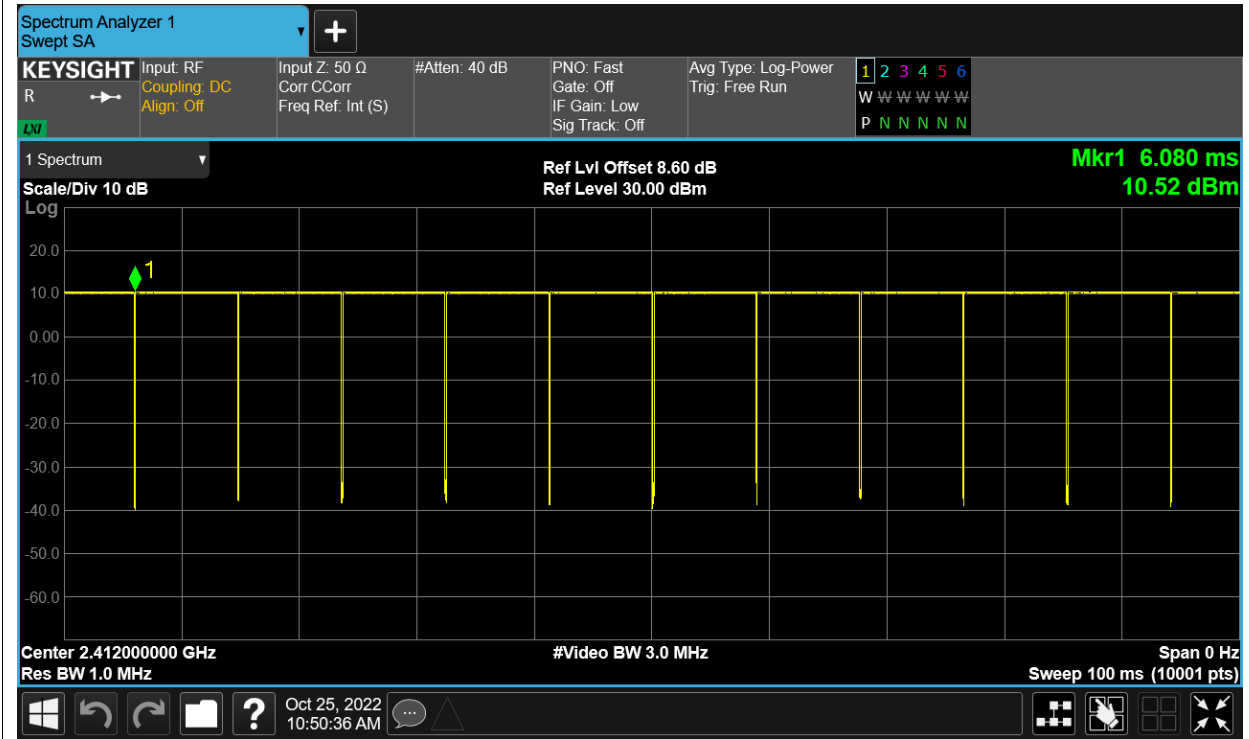
Test Data

Duty Cycle

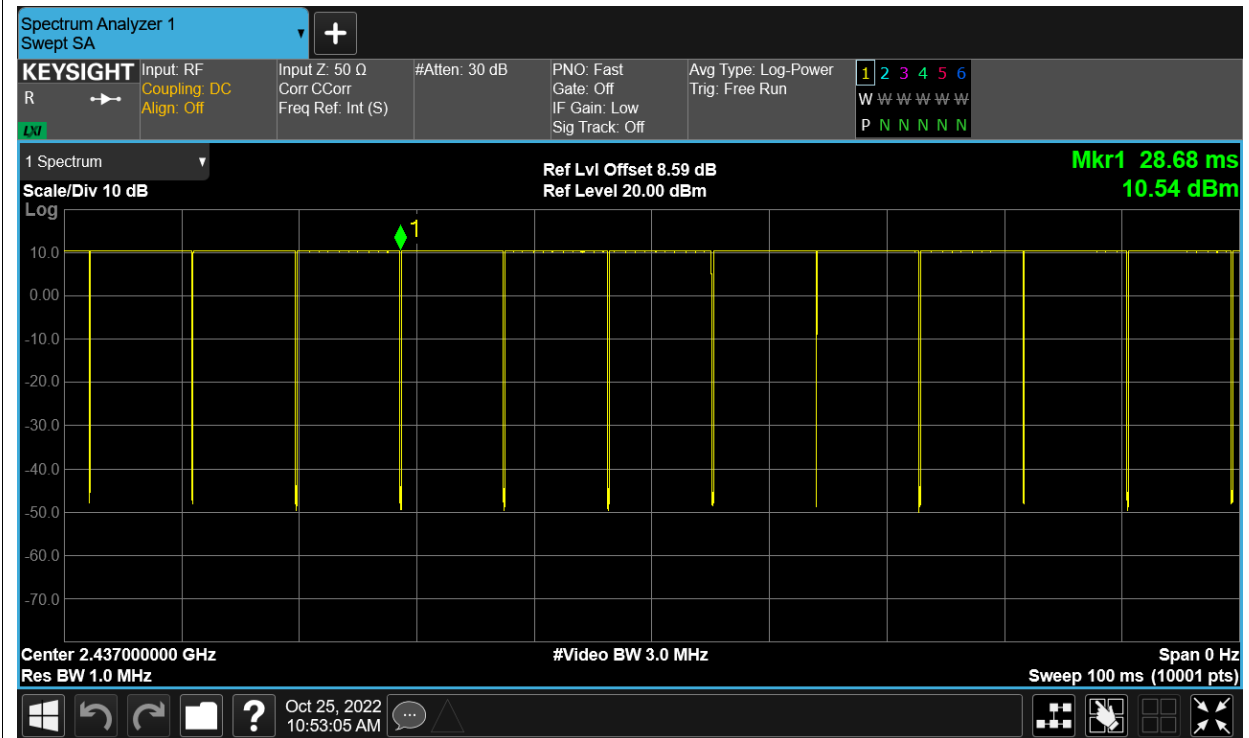
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	b	2412	Ant1	100	0
NVNT	b	2437	Ant1	98.32	0.07
NVNT	b	2462	Ant1	99.99	0
NVNT	b	2412	Ant2	98.64	0.06
NVNT	b	2437	Ant2	98.37	0.07
NVNT	b	2462	Ant2	98.61	0.06
NVNT	g	2412	Ant1	91.39	0.39
NVNT	g	2437	Ant1	91.53	0.38
NVNT	g	2462	Ant1	91.84	0.37
NVNT	g	2412	Ant2	91.61	0.38
NVNT	g	2437	Ant2	90.75	0.42
NVNT	g	2462	Ant2	91.73	0.37
NVNT	n20	2412	Sum	84.19	0.75
NVNT	n20	2437	Sum	84	0.76
NVNT	n20	2462	Sum	83.73	0.77
NVNT	n40	2422	Sum	70.07	1.54
NVNT	n40	2437	Sum	69.91	1.55
NVNT	n40	2452	Sum	69.78	1.56

Test Graphs

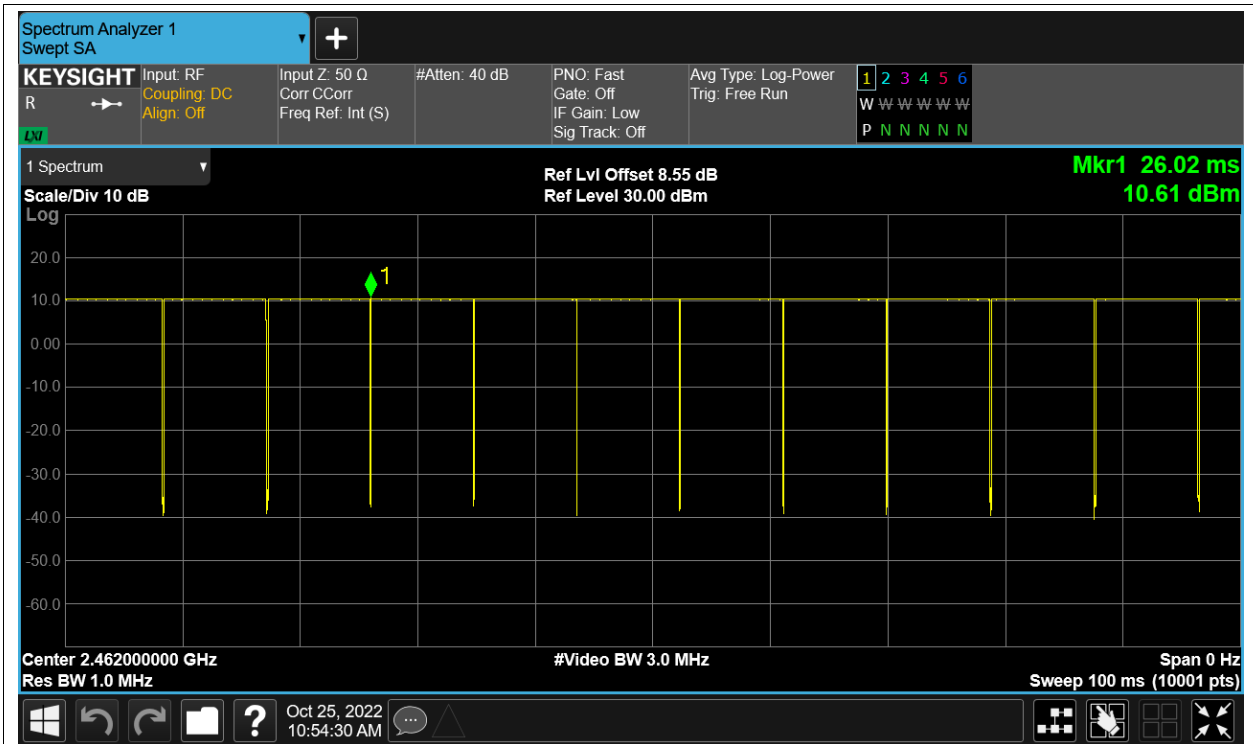
Duty Cycle NVNT b 2412MHz Ant1



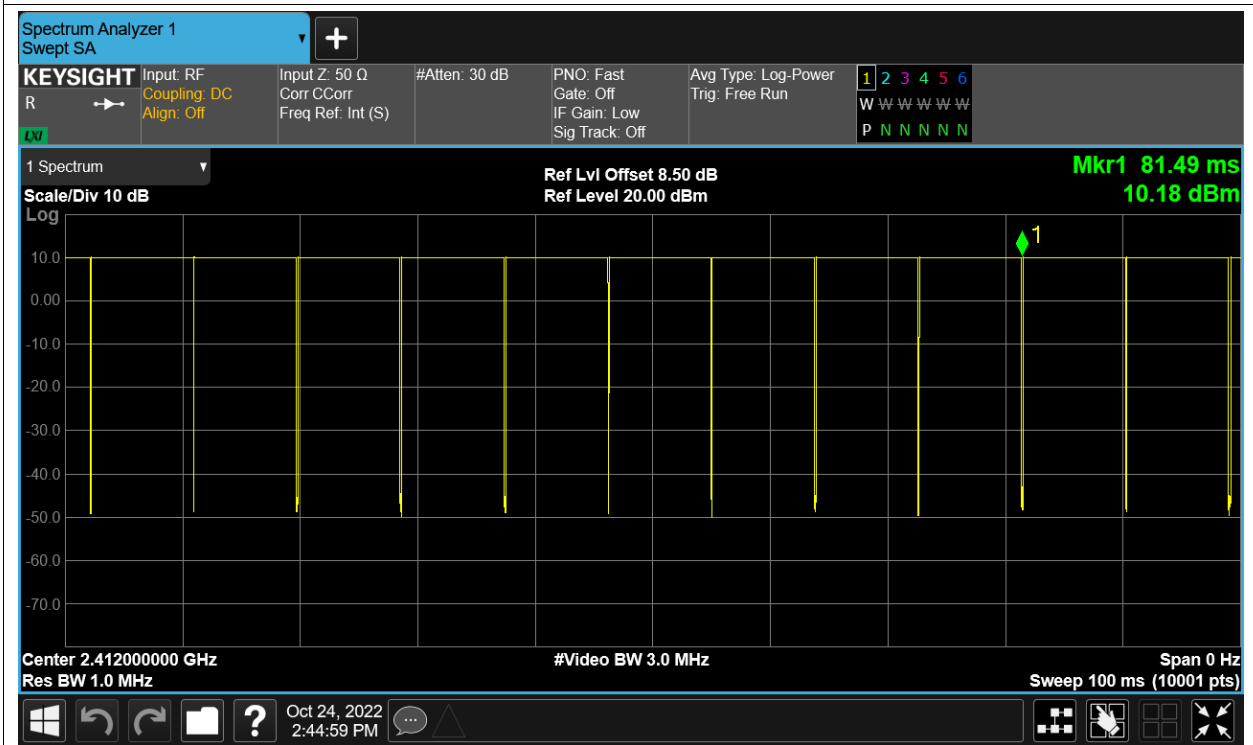
Duty Cycle NVNT b 2437MHz Ant1



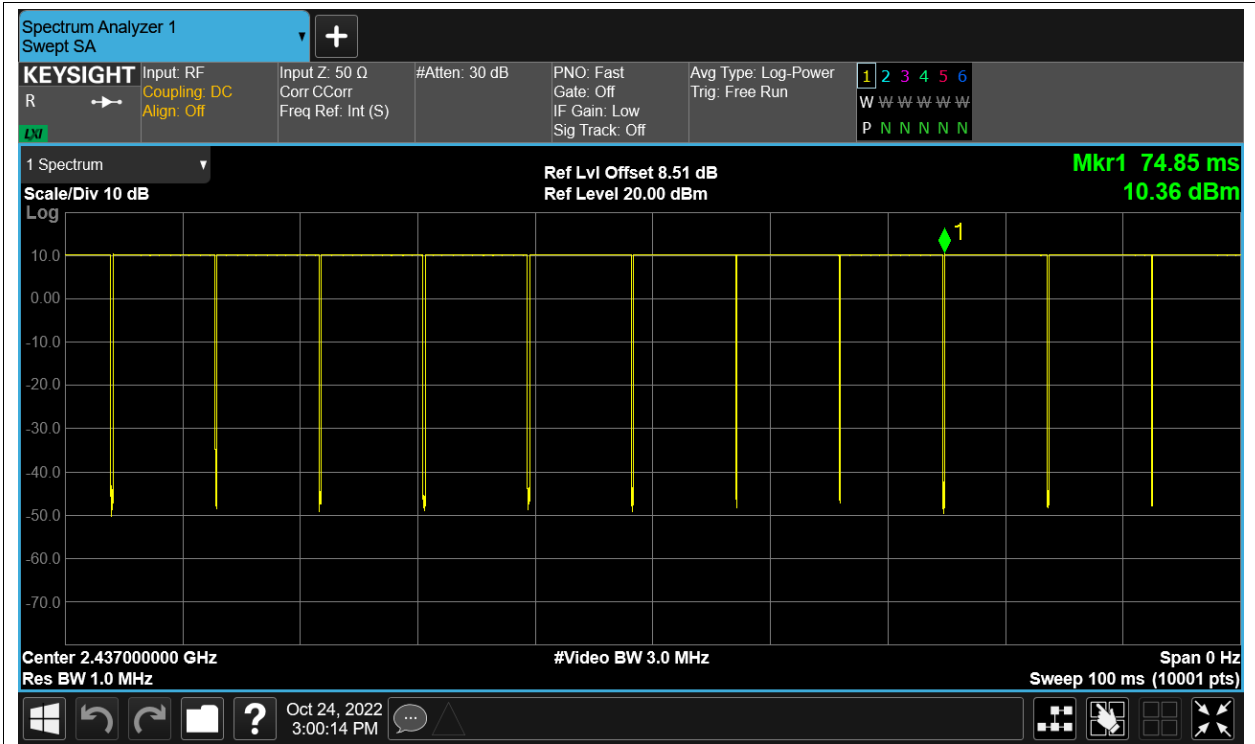
Duty Cycle NVNT b 2462MHz Ant1



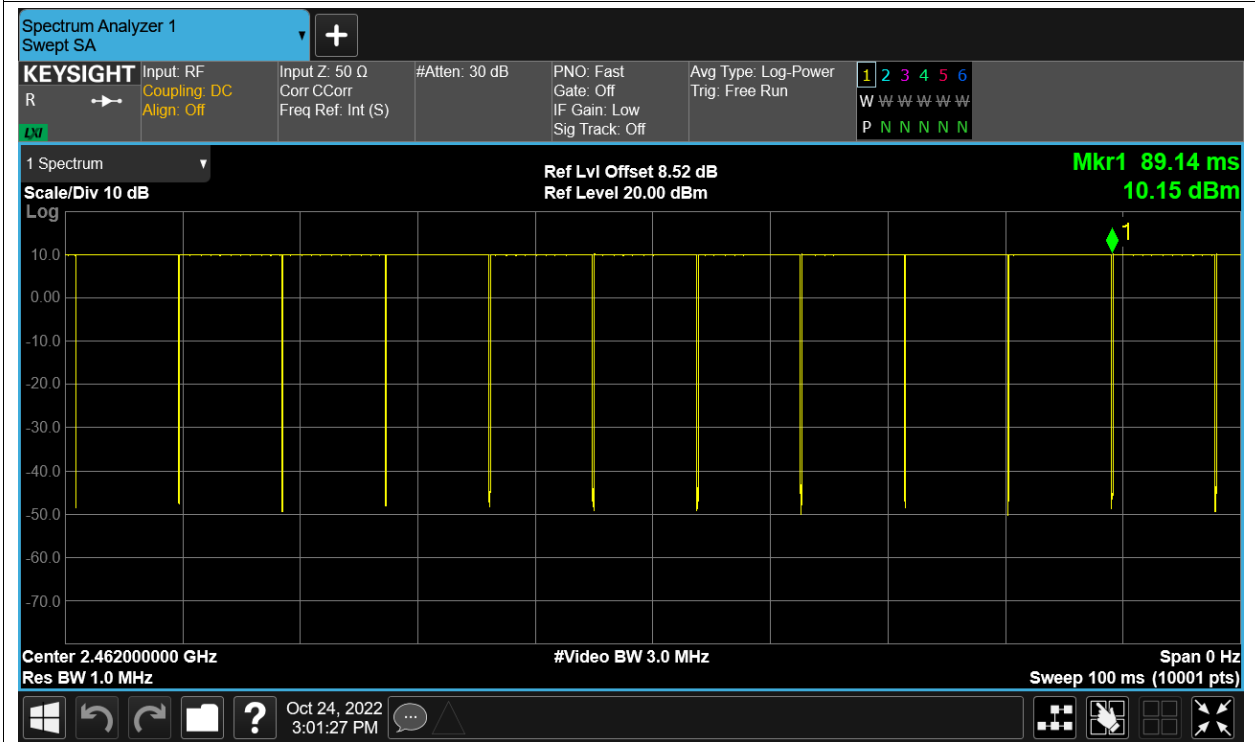
Duty Cycle NVNT b 2412MHz Ant2



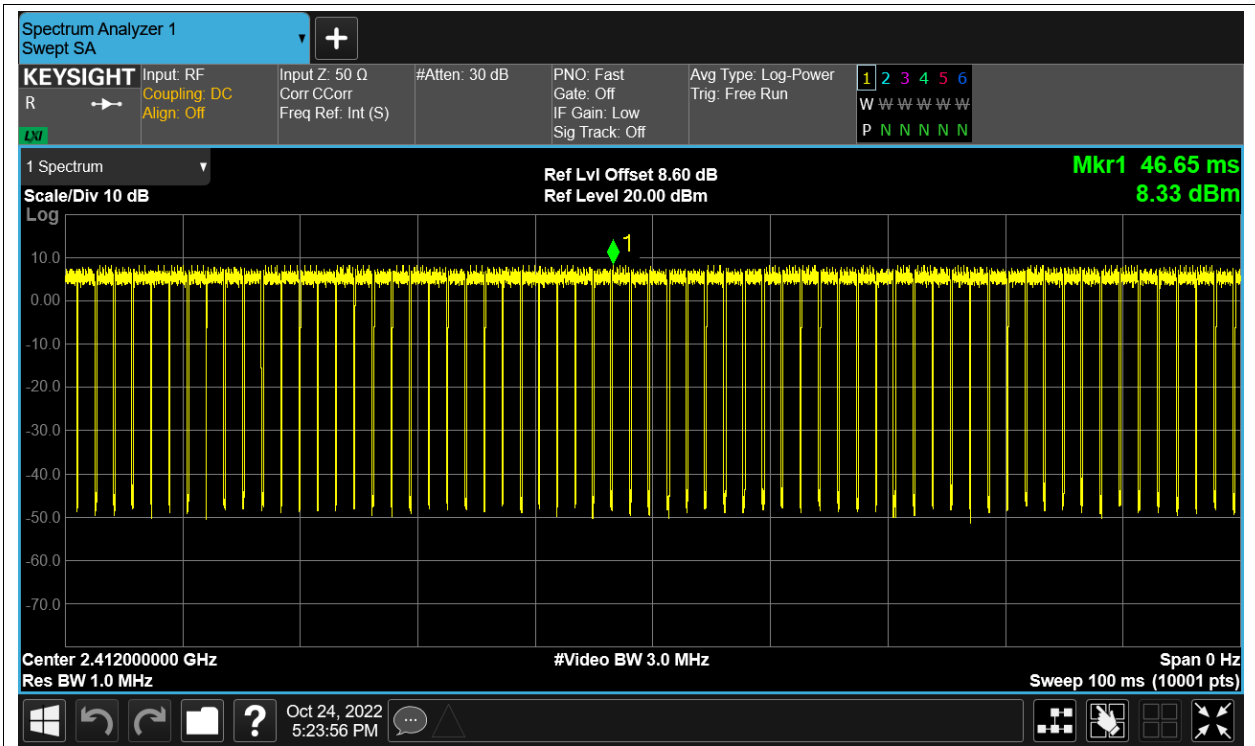
Duty Cycle NVNT b 2437MHz Ant2



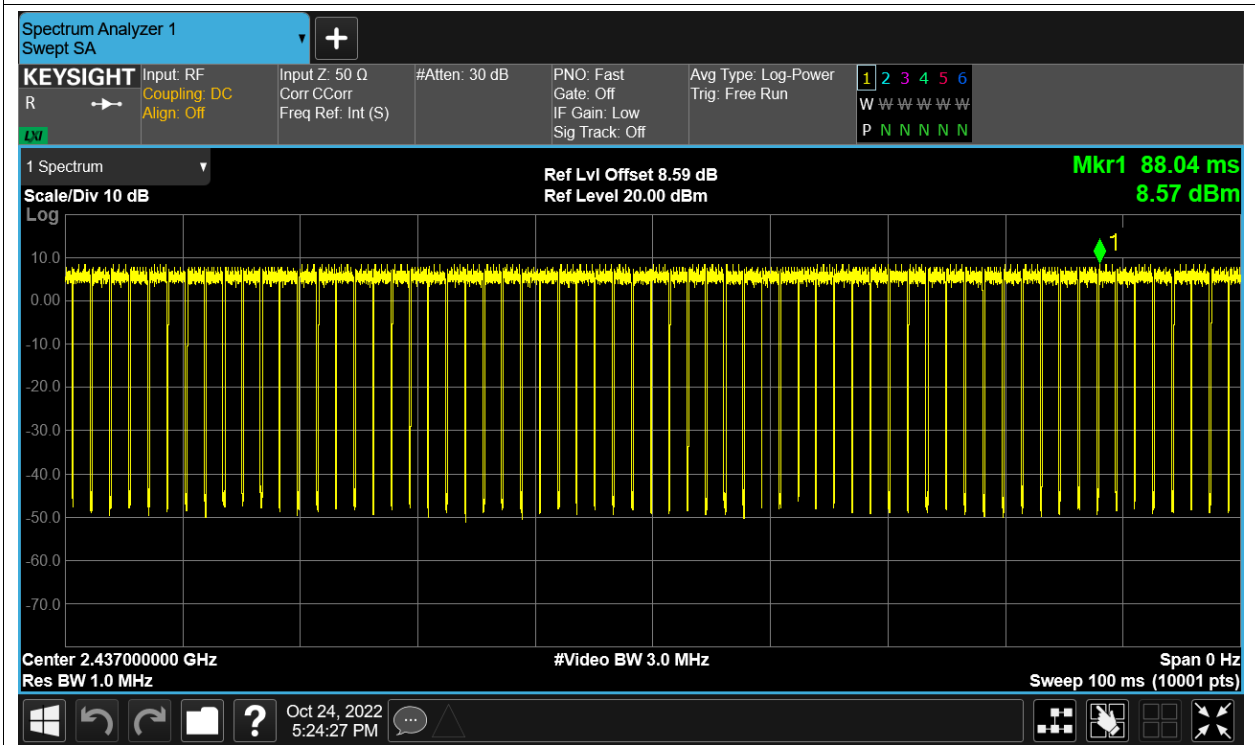
Duty Cycle NVNT b 2462MHz Ant2



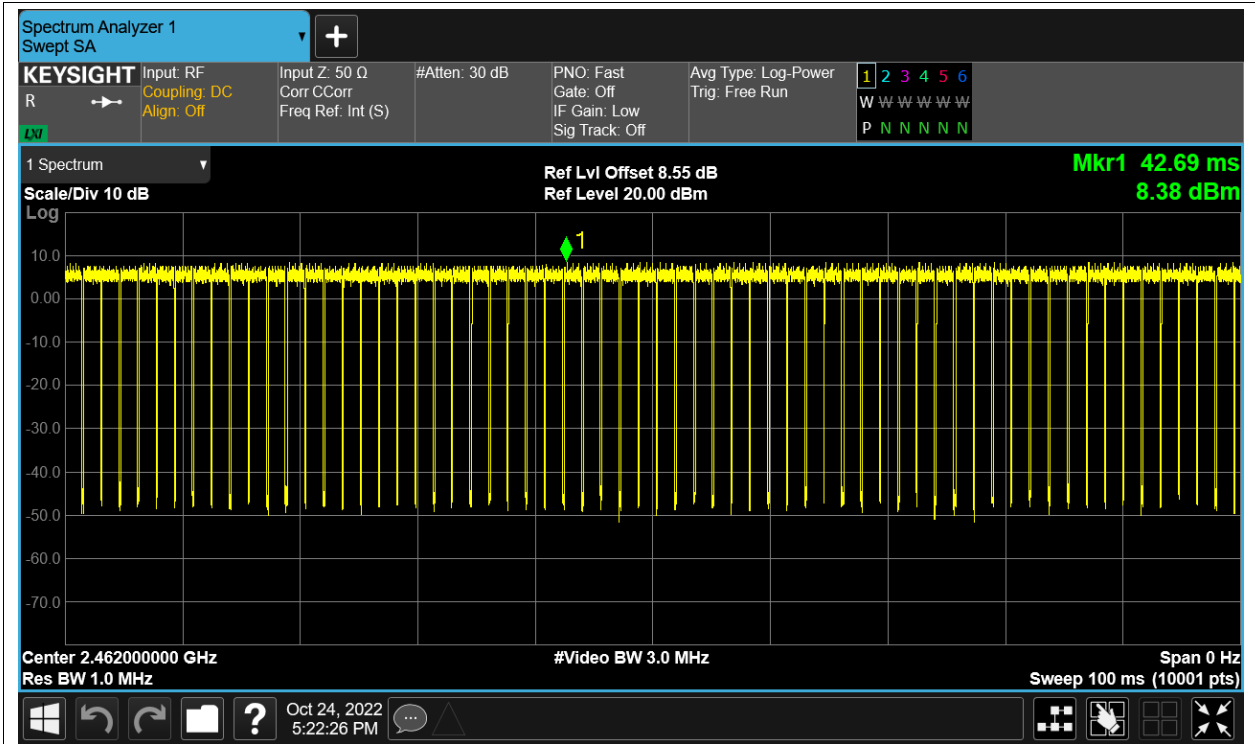
Duty Cycle NVNT g 2412MHz Ant1



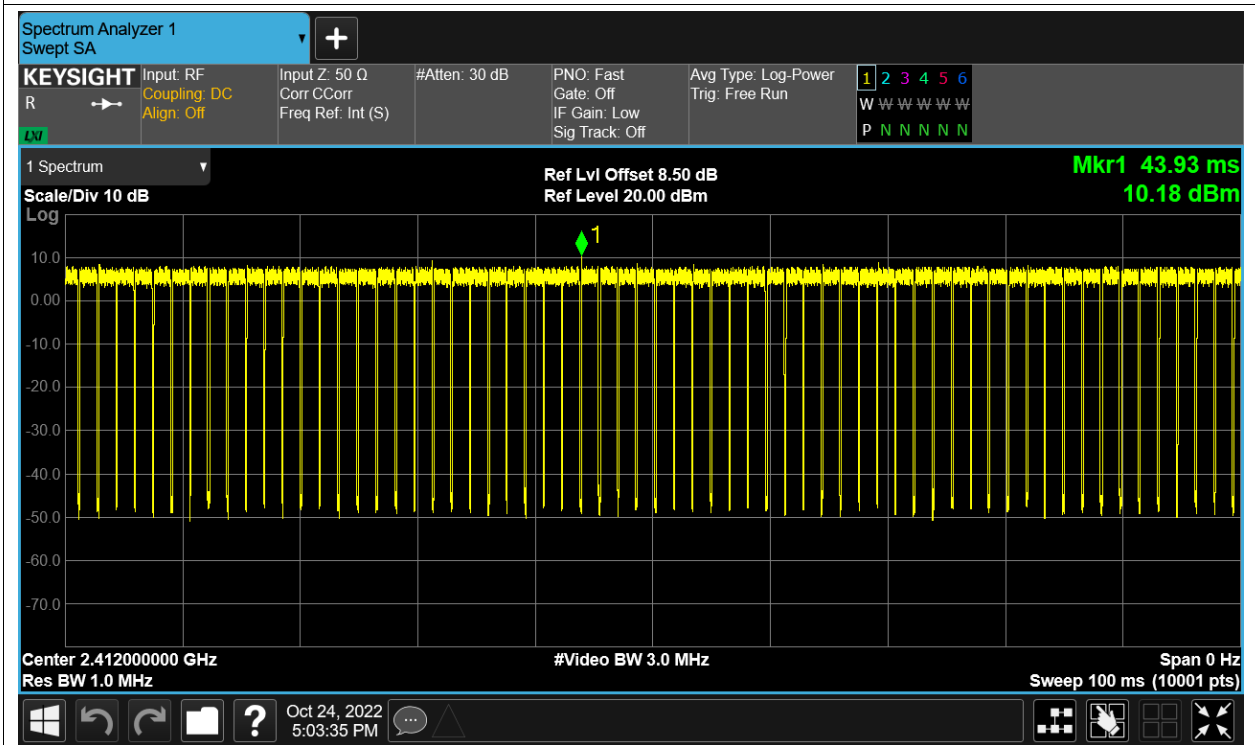
Duty Cycle NVNT g 2437MHz Ant1



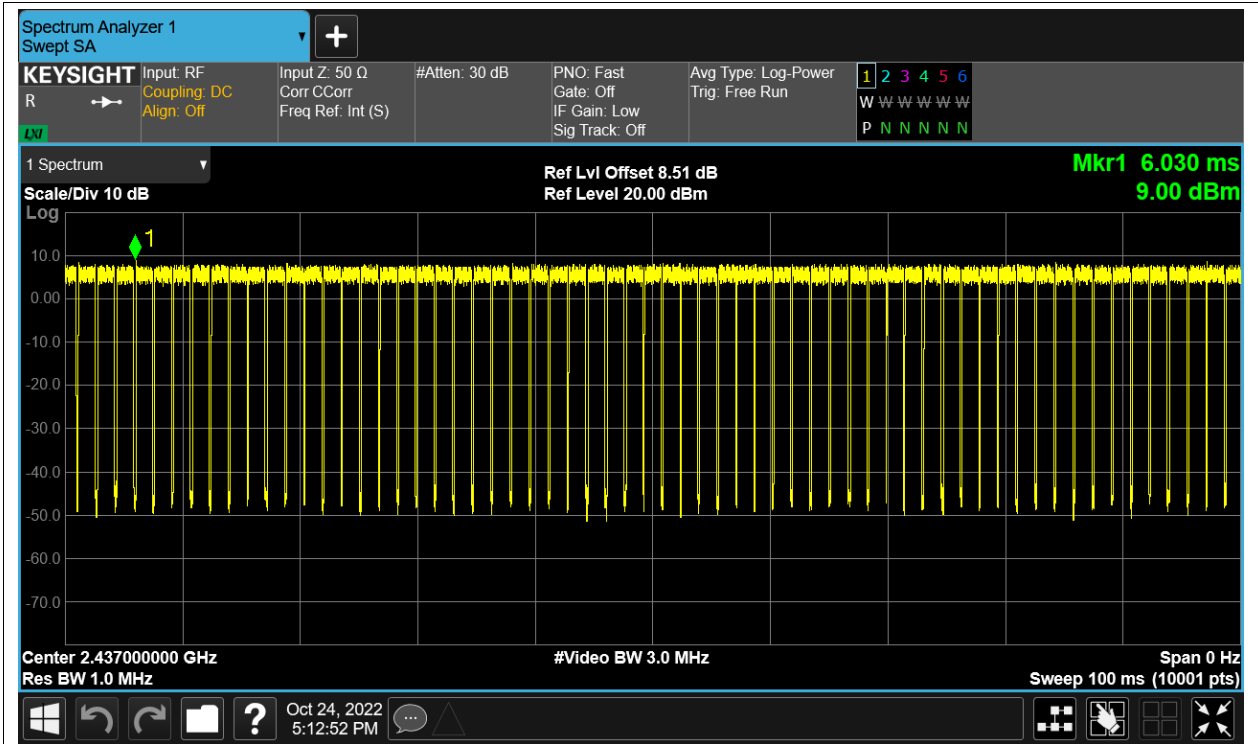
Duty Cycle NVNT g 2462MHz Ant1



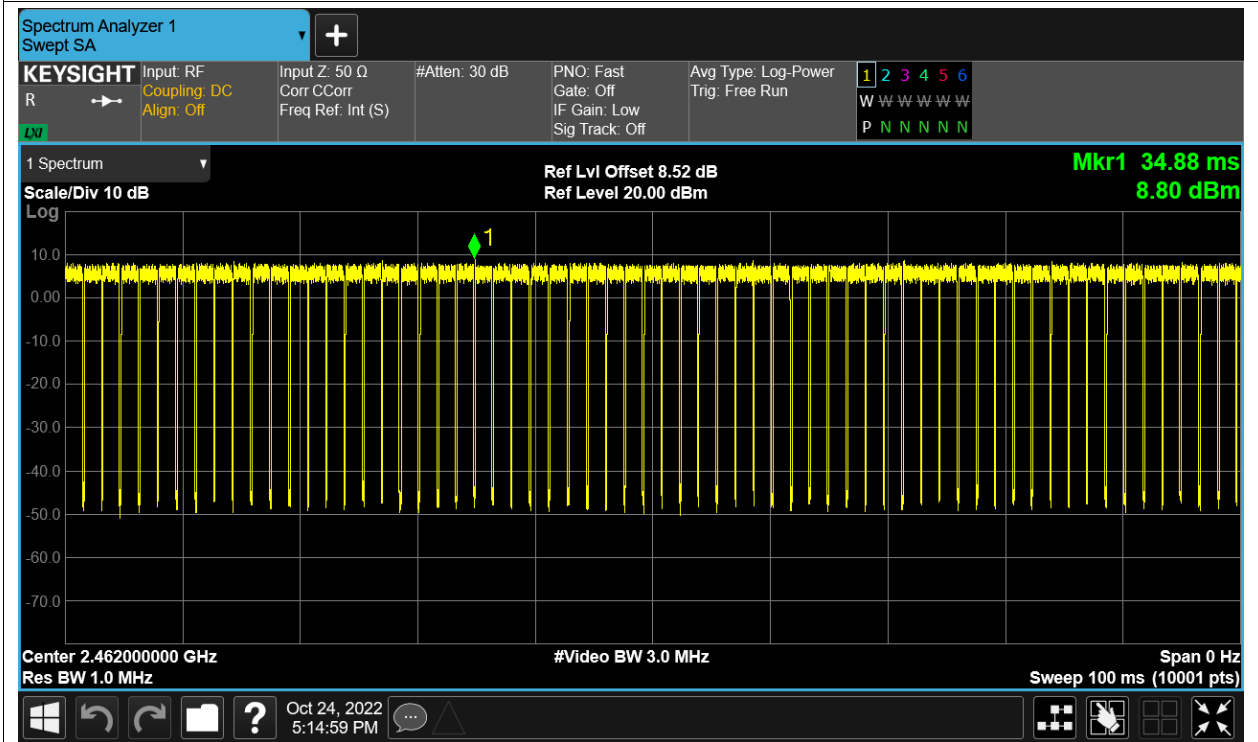
Duty Cycle NVNT g 2412MHz Ant2



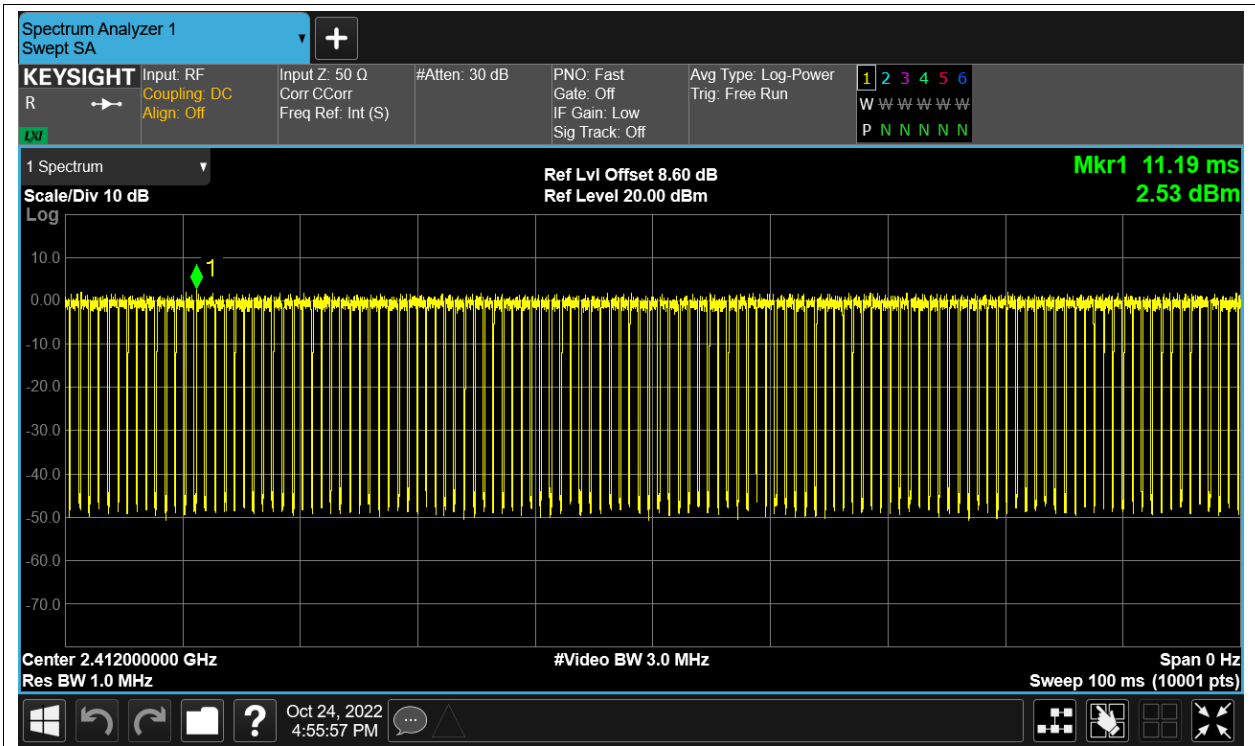
Duty Cycle NVNT g 2437MHz Ant2



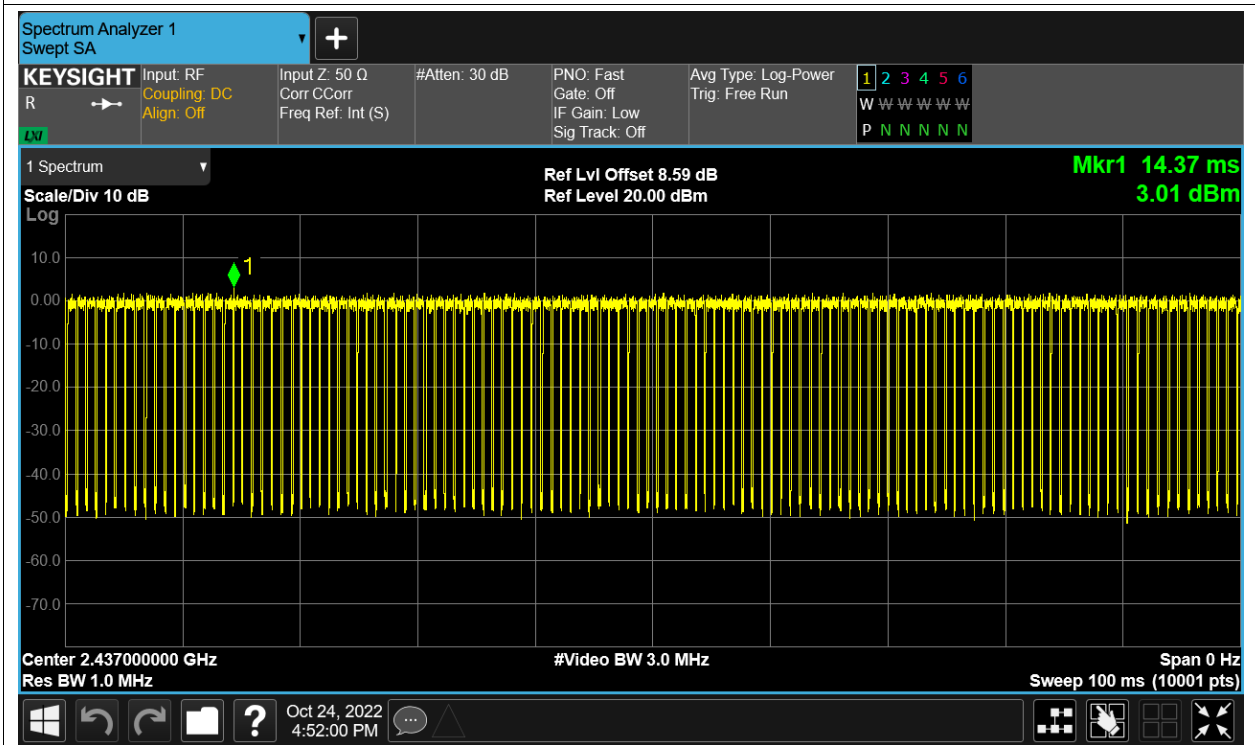
Duty Cycle NVNT g 2462MHz Ant2



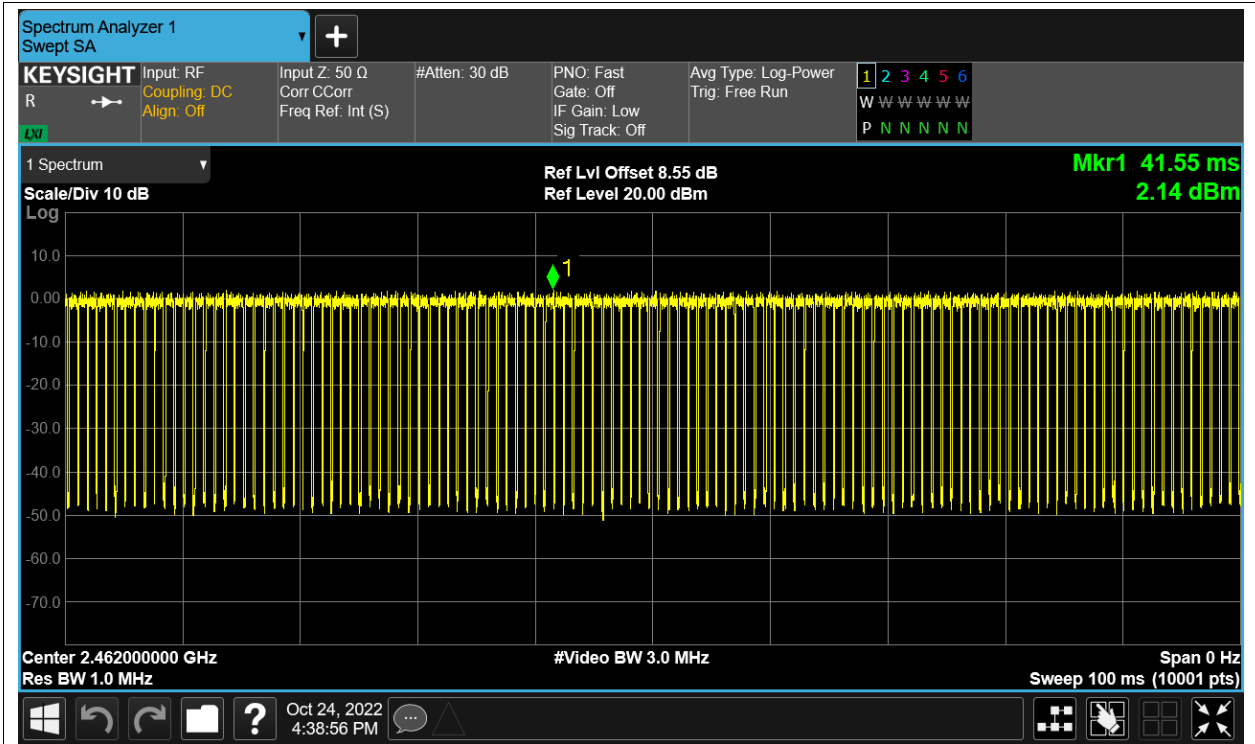
Duty Cycle NVNT n20 2412MHz Sum



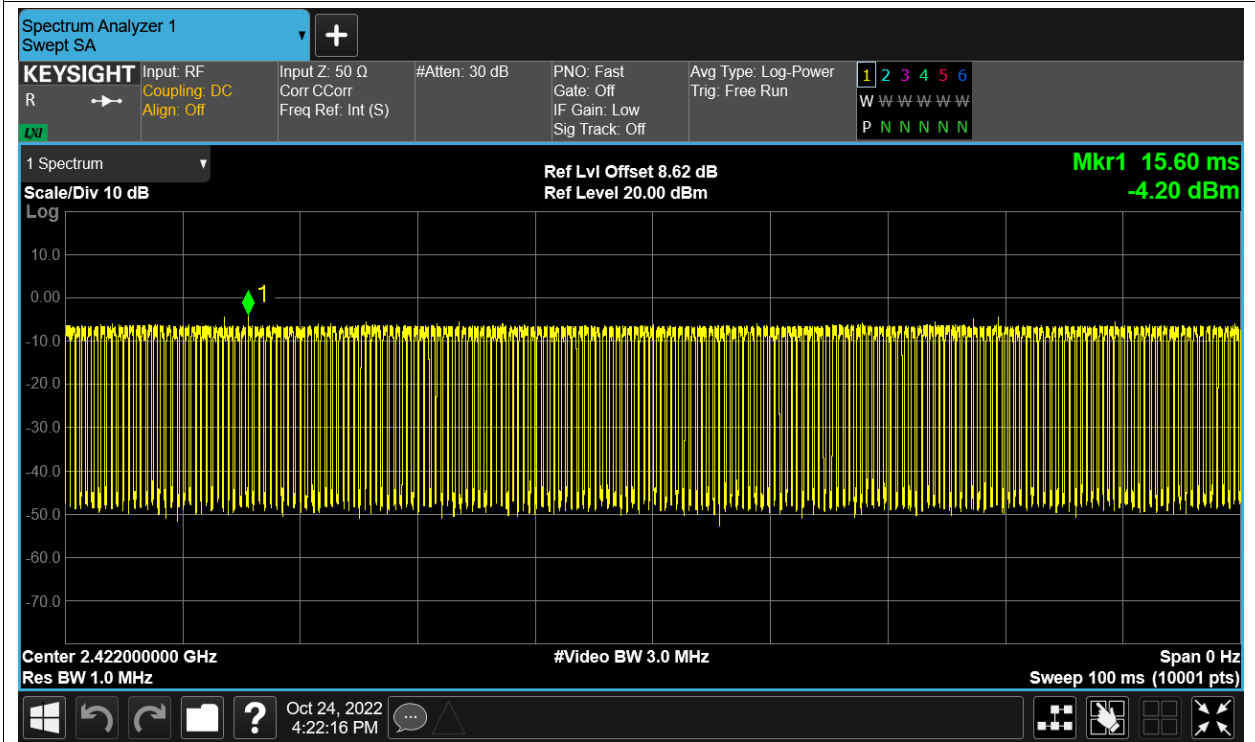
Duty Cycle NVNT n20 2437MHz Sum



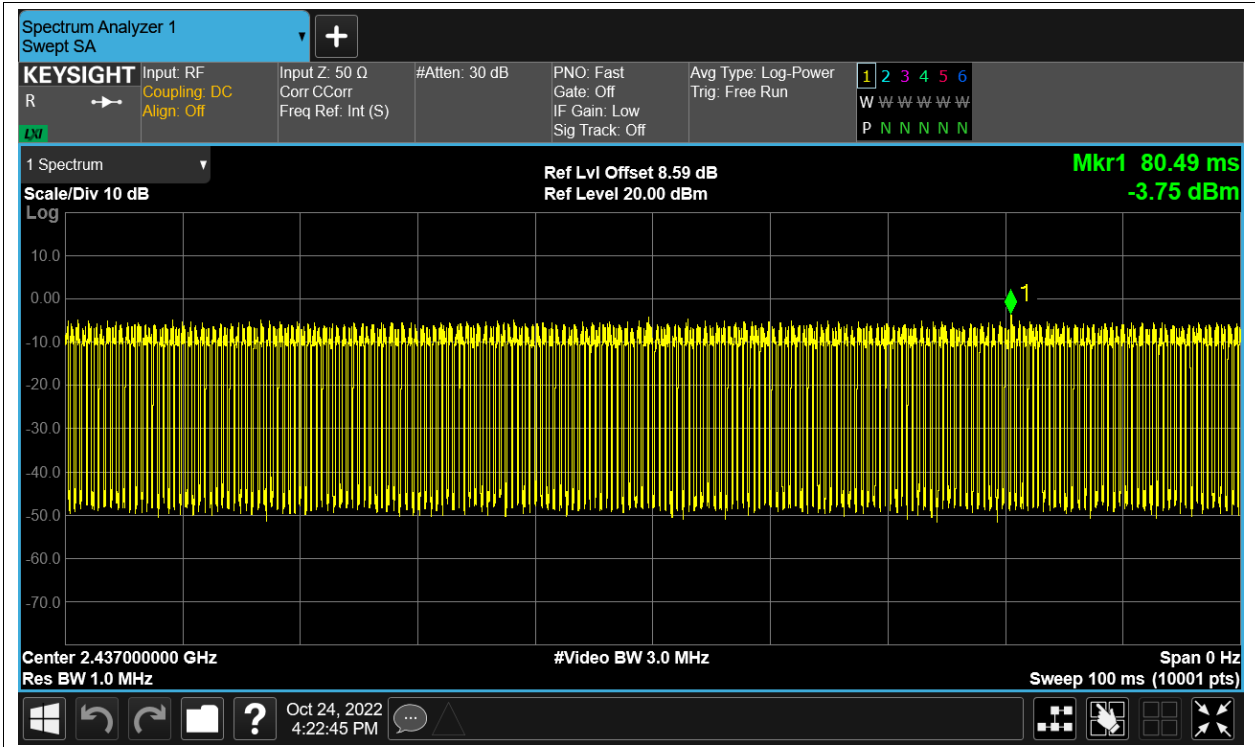
Duty Cycle NVNT n20 2462MHz Sum



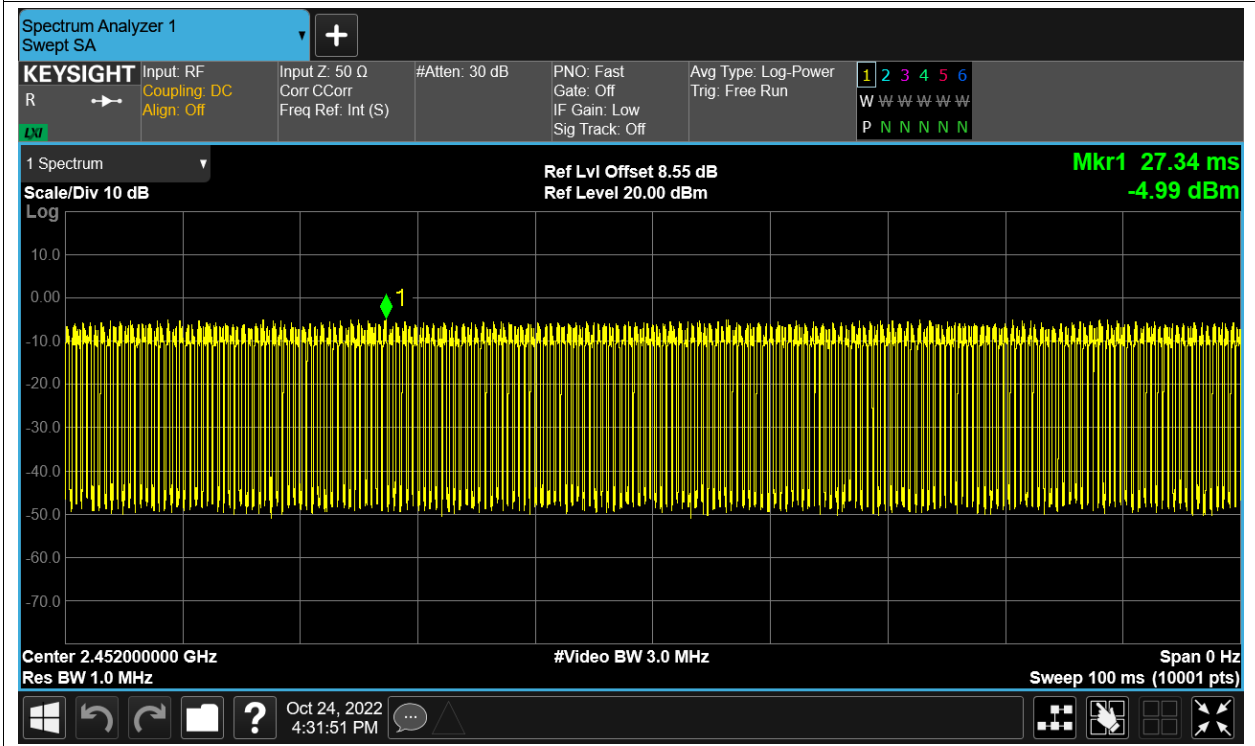
Duty Cycle NVNT n40 2422MHz Sum



Duty Cycle NVNT n40 2437MHz Sum



Duty Cycle NVNT n40 2452MHz Sum



Maximum Conducted Output Power

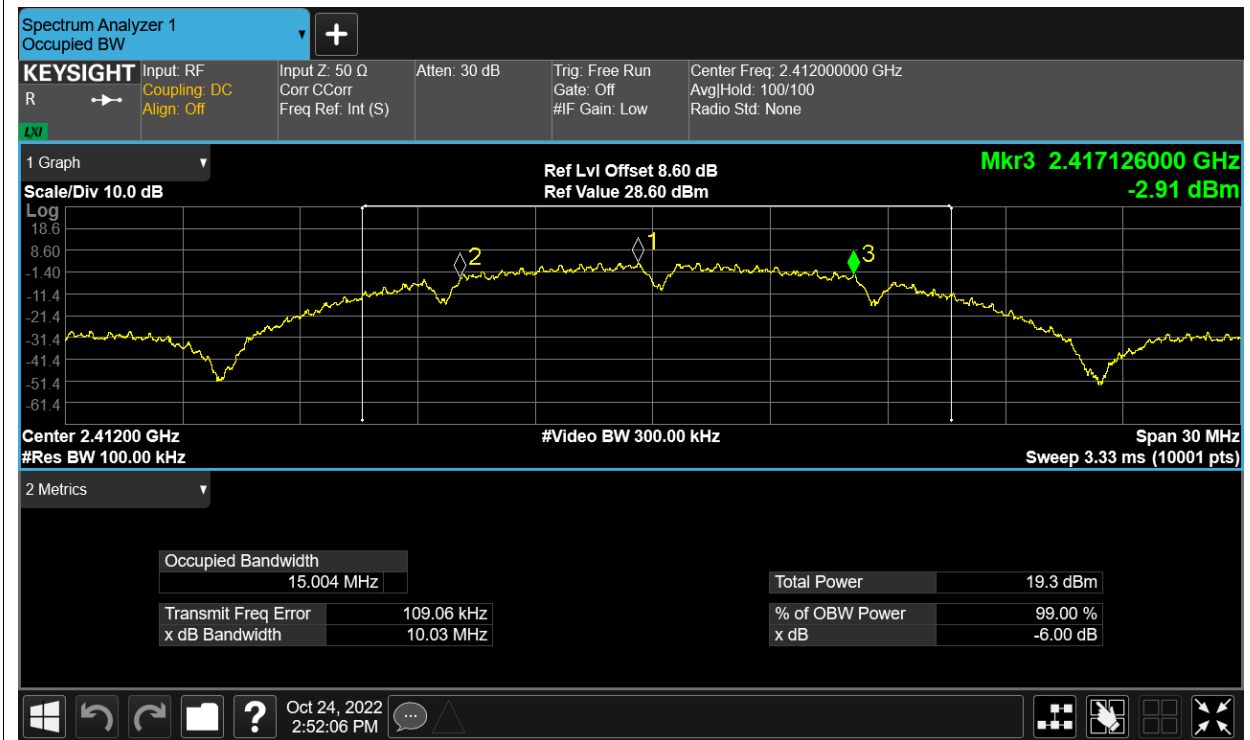
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	16.75	0	16.75	30	Pass
NVNT	b	2437	Ant1	16.33	0.07	16.4	30	Pass
NVNT	b	2462	Ant1	16.63	0	16.63	30	Pass
NVNT	b	2412	Ant2	16.1	0.06	16.16	30	Pass
NVNT	b	2437	Ant2	16.22	0.07	16.29	30	Pass
NVNT	b	2462	Ant2	16.03	0.06	16.09	30	Pass
NVNT	g	2412	Ant1	11.89	0.39	12.28	30	Pass
NVNT	g	2437	Ant1	11.75	0.38	12.13	30	Pass
NVNT	g	2462	Ant1	11.71	0.37	12.08	30	Pass
NVNT	g	2412	Ant2	11.63	0.38	12.01	30	Pass
NVNT	g	2437	Ant2	11.67	0.42	12.09	30	Pass
NVNT	g	2462	Ant2	11.45	0.37	11.82	30	Pass
NVNT	n20	2412	Ant1	6.11	0.75	6.86	30	Pass
NVNT	n20	2412	Ant2	10.27	0.75	11.02	30	Pass
NVNT	n20	2412	Sum	11.68	0.75	12.43	30	Pass
NVNT	n20	2437	Ant1	5.95	0.76	6.71	30	Pass
NVNT	n20	2437	Ant2	10.43	0.76	11.19	30	Pass
NVNT	n20	2437	Sum	11.754	0.76	12.514	30	Pass
NVNT	n20	2462	Ant1	5.87	0.77	6.64	30	Pass
NVNT	n20	2462	Ant2	10.22	0.77	10.99	30	Pass
NVNT	n20	2462	Sum	11.579	0.77	12.349	30	Pass
NVNT	n40	2422	Ant1	3.96	1.54	5.5	30	Pass
NVNT	n40	2422	Ant2	8.37	1.54	9.91	30	Pass
NVNT	n40	2422	Sum	9.713	1.54	11.253	30	Pass
NVNT	n40	2437	Ant1	3.91	1.55	5.46	30	Pass
NVNT	n40	2437	Ant2	8.56	1.55	10.11	30	Pass
NVNT	n40	2437	Sum	9.84	1.55	11.39	30	Pass
NVNT	n40	2452	Ant1	3.95	1.56	5.51	30	Pass
NVNT	n40	2452	Ant2	8.36	1.56	9.92	30	Pass
NVNT	n40	2452	Sum	9.703	1.56	11.263	30	Pass

-6dB Bandwidth

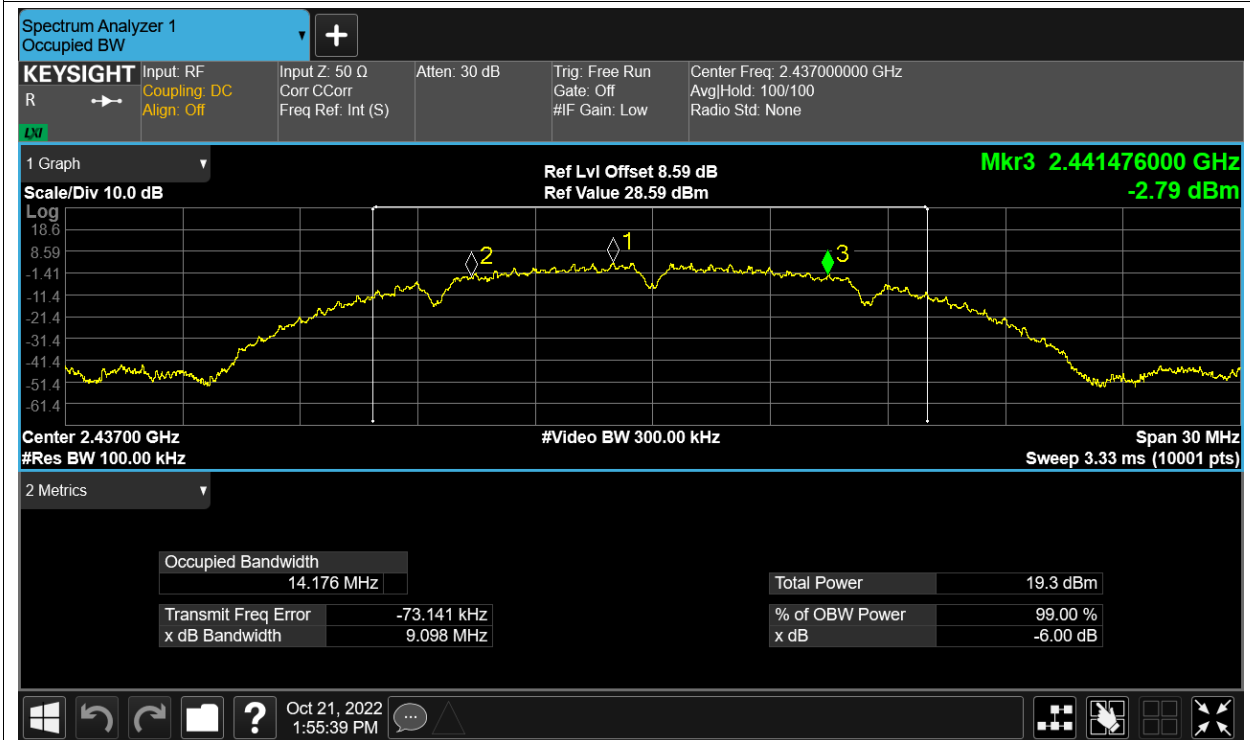
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	limit	Verdic
NVNT	b	2412	Ant1	10.033	0.5	Pass
NVNT	b	2437	Ant1	9.098	0.5	Pass
NVNT	b	2462	Ant1	9.569	0.5	Pass
NVNT	b	2412	Ant2	10.004	0.5	Pass
NVNT	b	2437	Ant2	9.56	0.5	Pass
NVNT	b	2462	Ant2	9.575	0.5	Pass
NVNT	g	2412	Ant1	15.377	0.5	Pass
NVNT	g	2437	Ant1	12.752	0.5	Pass
NVNT	g	2462	Ant1	12.361	0.5	Pass
NVNT	g	2412	Ant2	13.986	0.5	Pass
NVNT	g	2437	Ant2	15.09	0.5	Pass
NVNT	g	2462	Ant2	14.978	0.5	Pass
NVNT	n20	2412	Ant1	15.116	0.5	Pass
NVNT	n20	2412	Ant2	15.105	0.5	Pass
NVNT	n20	2437	Ant1	15.112	0.5	Pass
NVNT	n20	2437	Ant2	15.104	0.5	Pass
NVNT	n20	2462	Ant1	15.118	0.5	Pass
NVNT	n20	2462	Ant2	15.104	0.5	Pass
NVNT	n40	2422	Ant1	35.079	0.5	Pass
NVNT	n40	2422	Ant2	35.064	0.5	Pass
NVNT	n40	2437	Ant1	35.074	0.5	Pass
NVNT	n40	2437	Ant2	35.075	0.5	Pass
NVNT	n40	2452	Ant1	35.05	0.5	Pass
NVNT	n40	2452	Ant2	33.82	0.5	Pass

Test Graphs

-6dB Bandwidth NVNT b 2412MHz Ant1



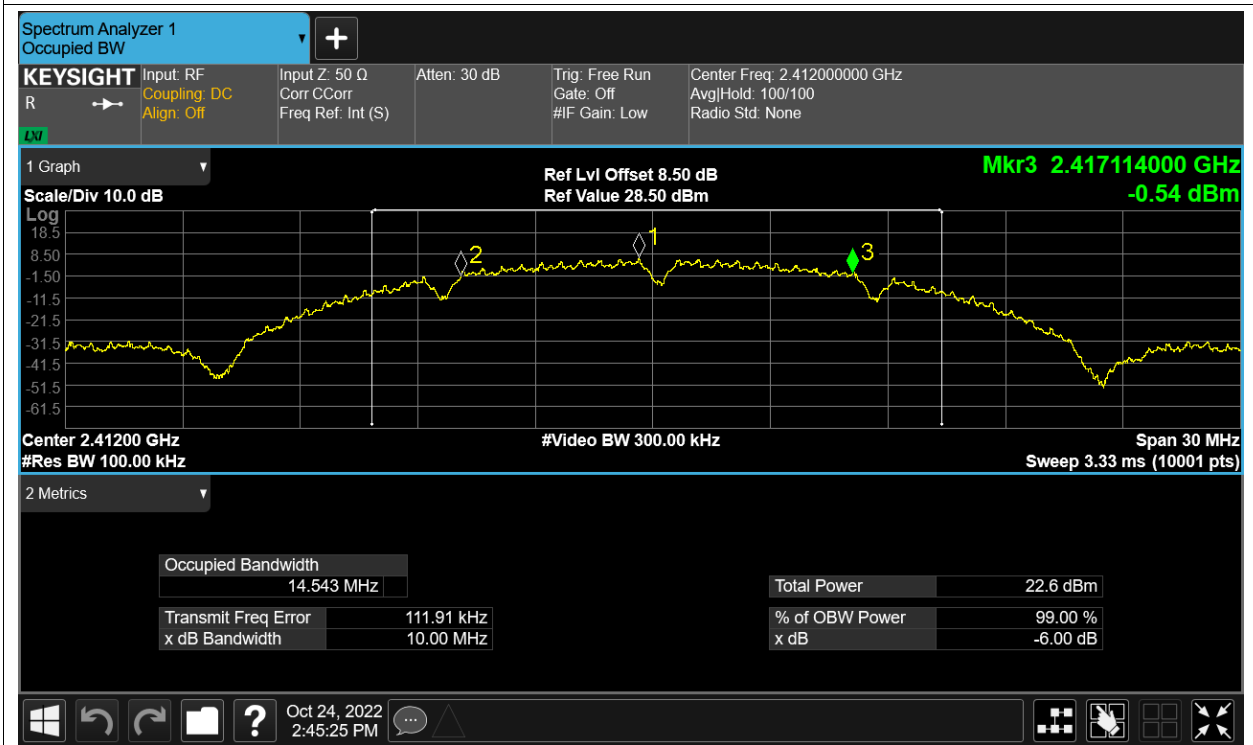
-6dB Bandwidth NVNT b 2437MHz Ant1



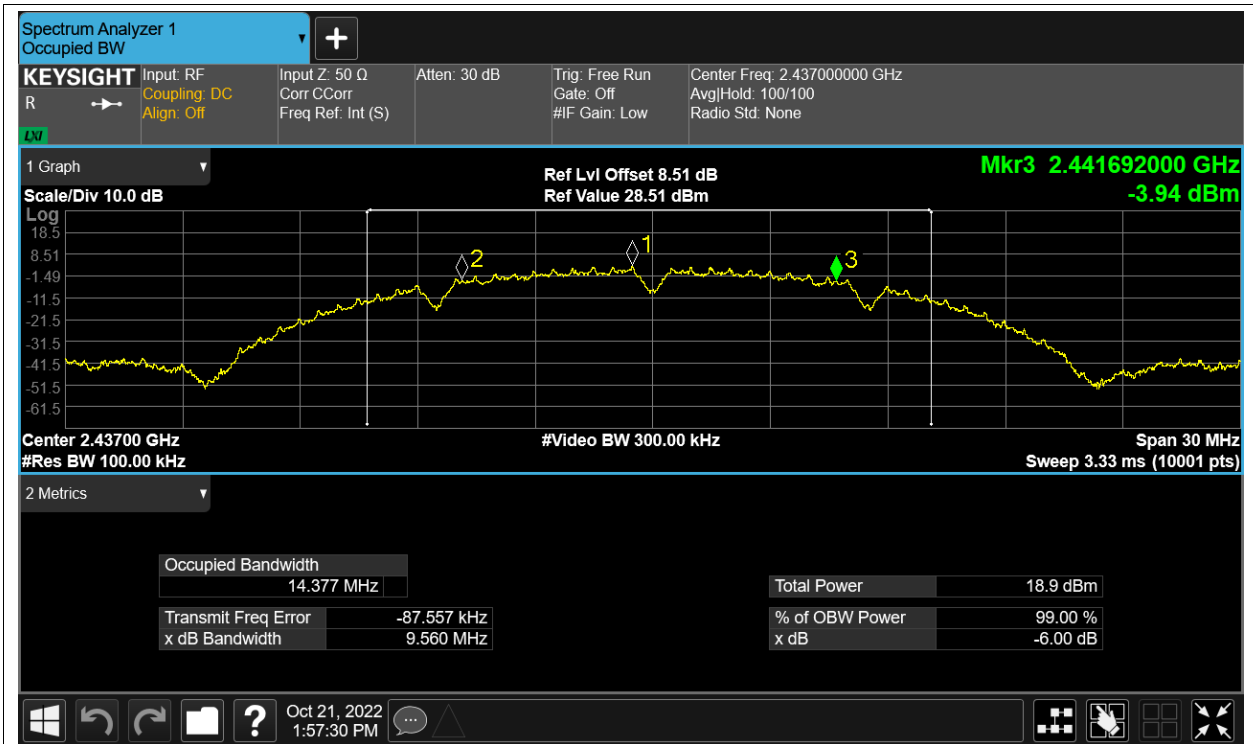
-6dB Bandwidth NVNT b 2462MHz Ant1



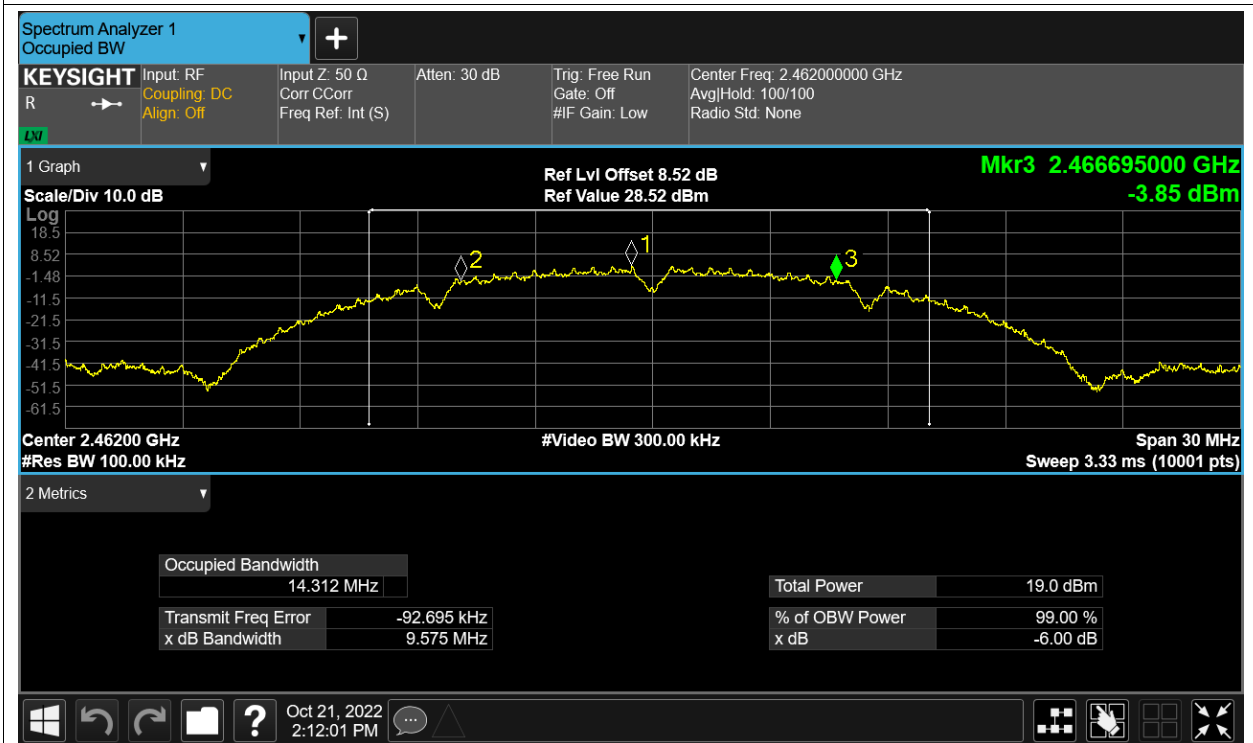
-6dB Bandwidth NVNT b 2412MHz Ant2



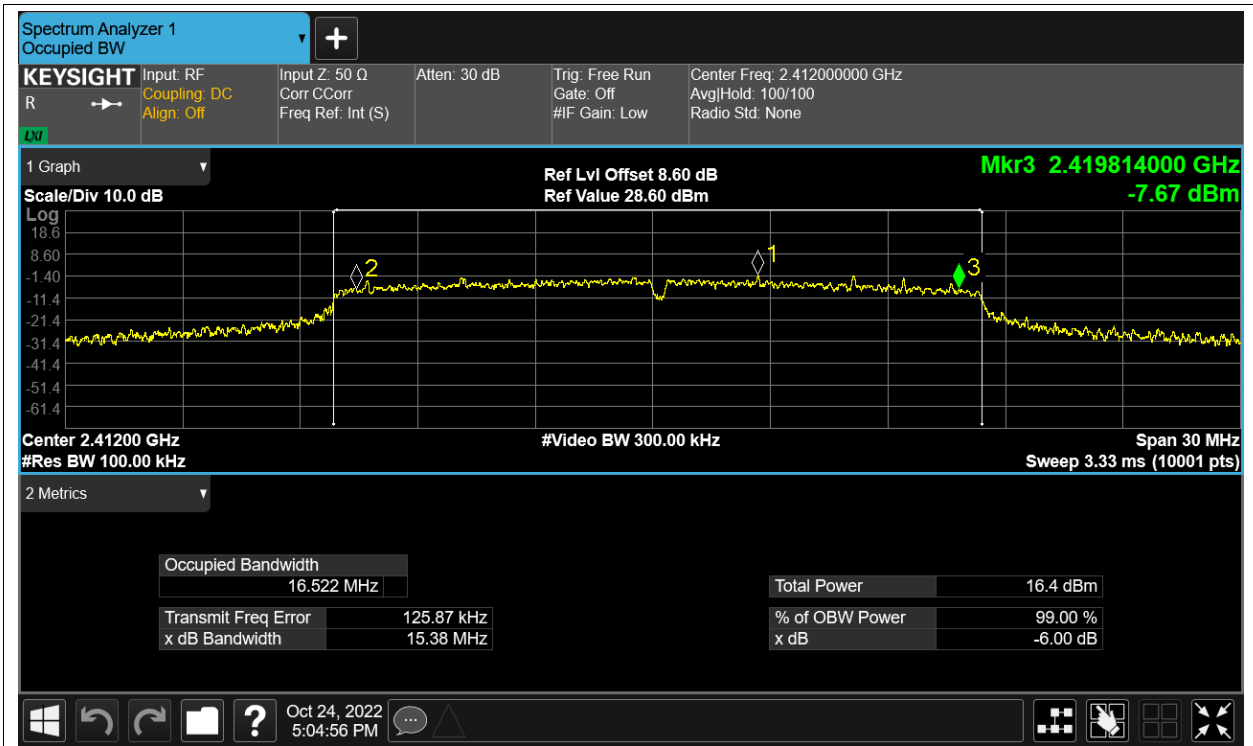
-6dB Bandwidth NVNT b 2437MHz Ant2



-6dB Bandwidth NVNT b 2462MHz Ant2



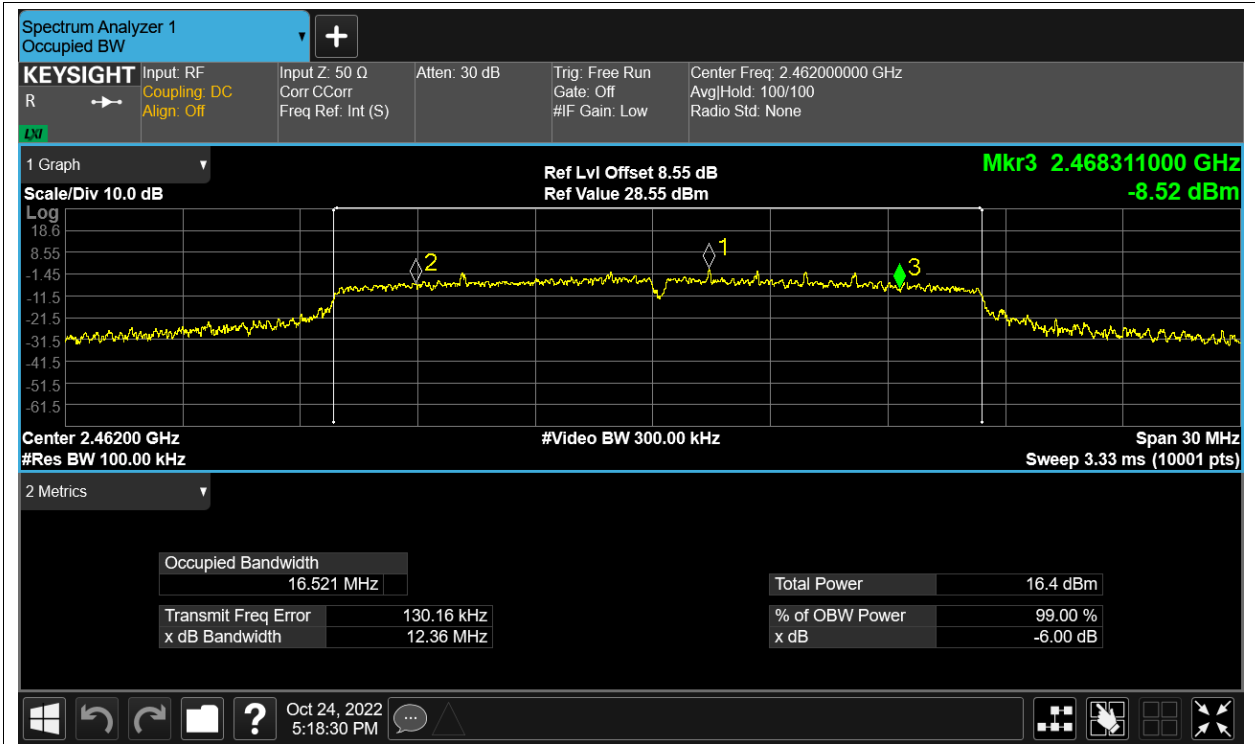
-6dB Bandwidth NVNT g 2412MHz Ant1



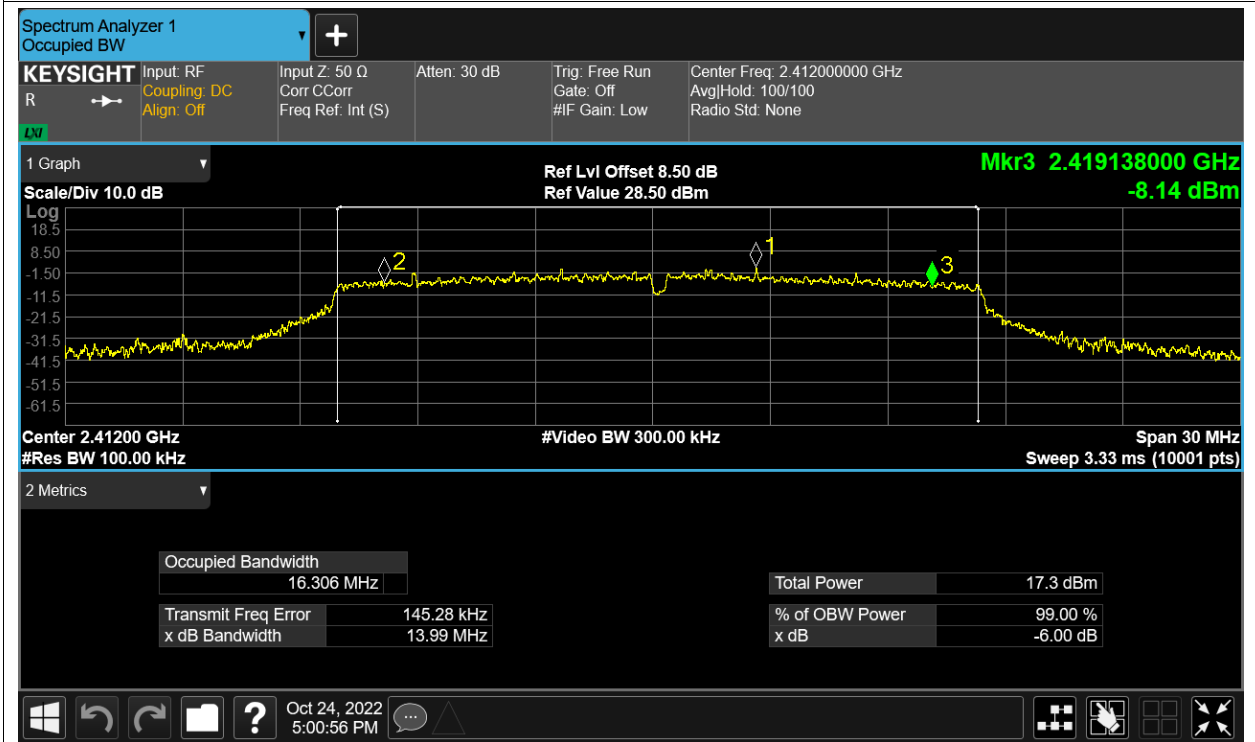
-6dB Bandwidth NVNT g 2437MHz Ant1



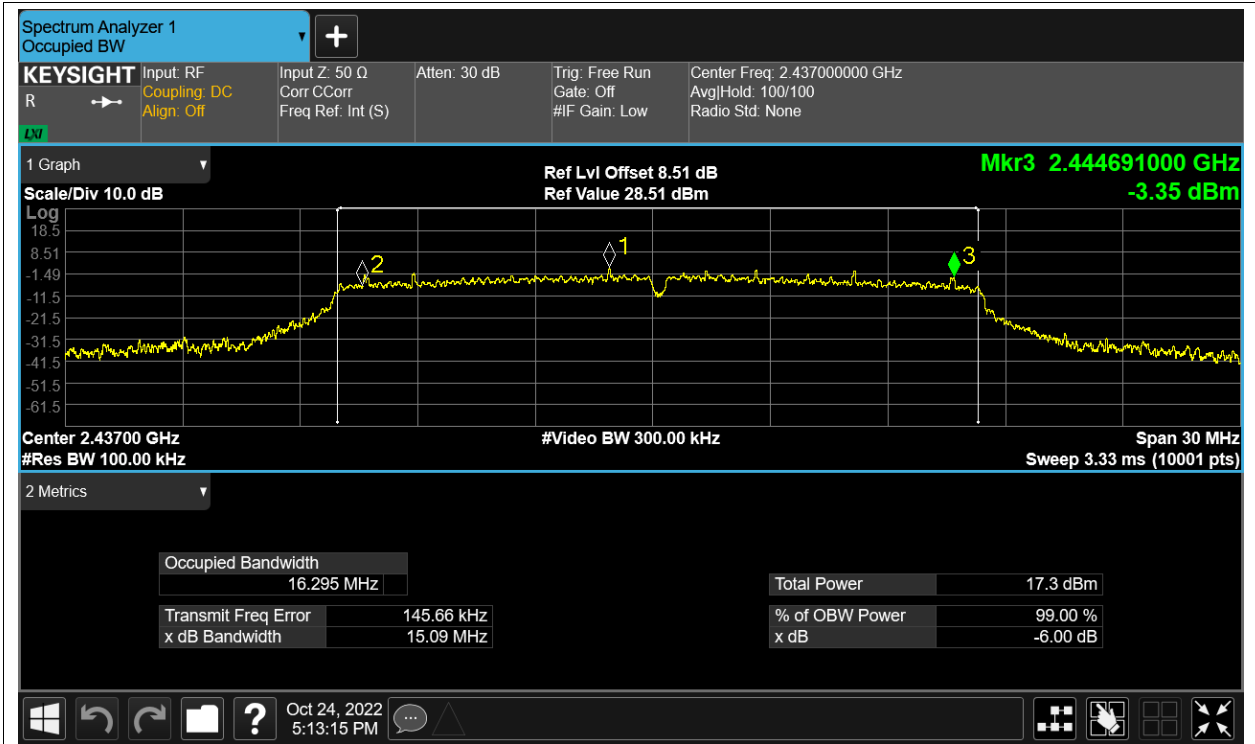
-6dB Bandwidth NVNT g 2462MHz Ant1



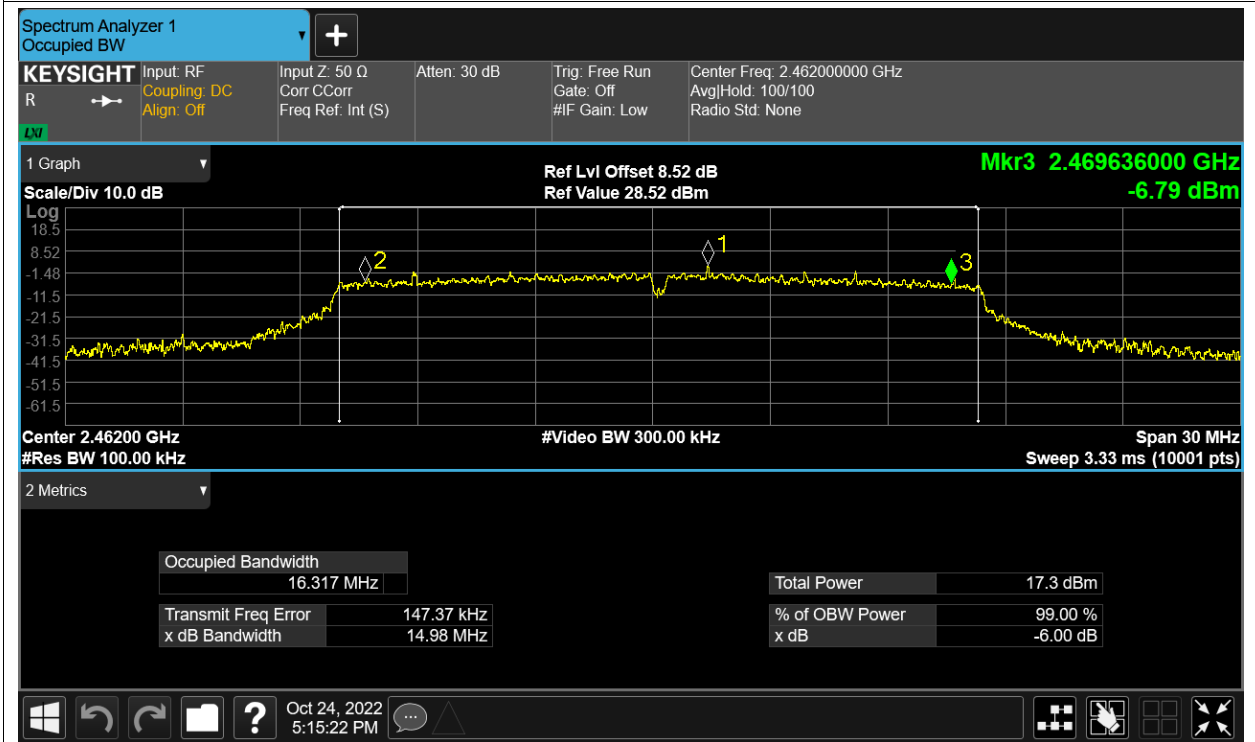
-6dB Bandwidth NVNT g 2412MHz Ant2



-6dB Bandwidth NVNT g 2437MHz Ant2



-6dB Bandwidth NVNT g 2462MHz Ant2



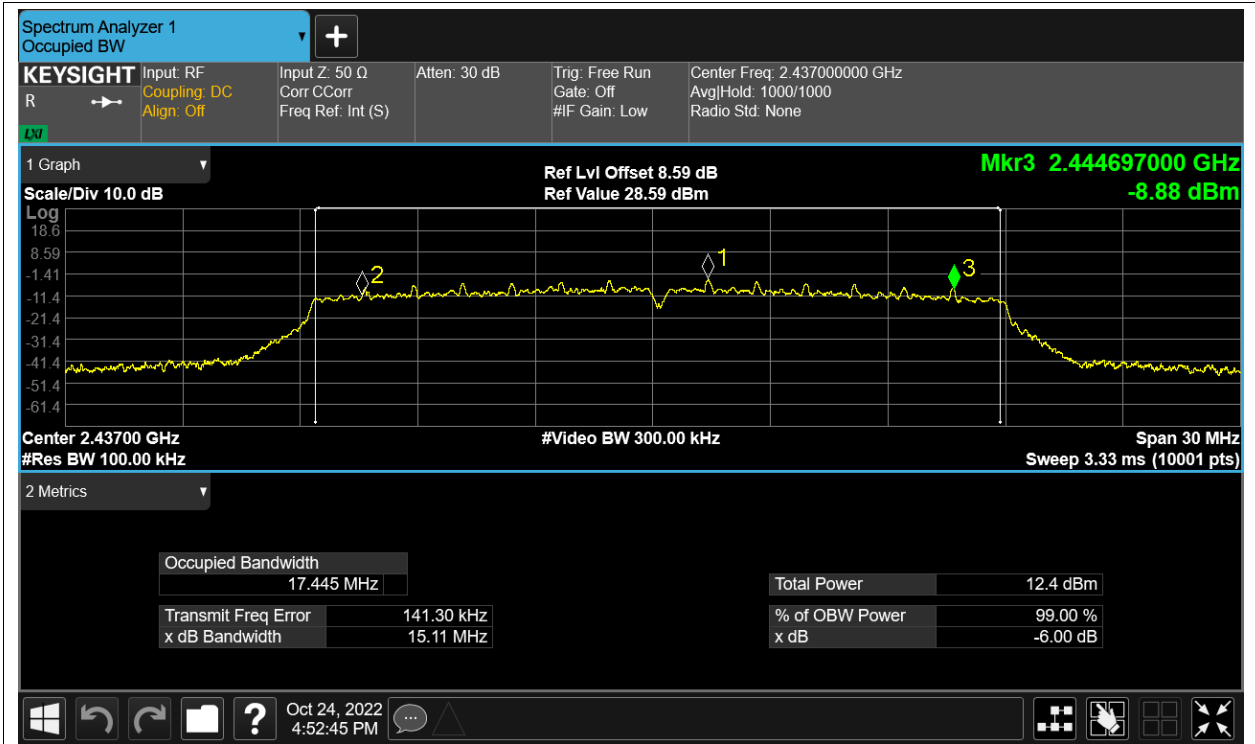
-6dB Bandwidth NVNT n20 2412MHz Ant1



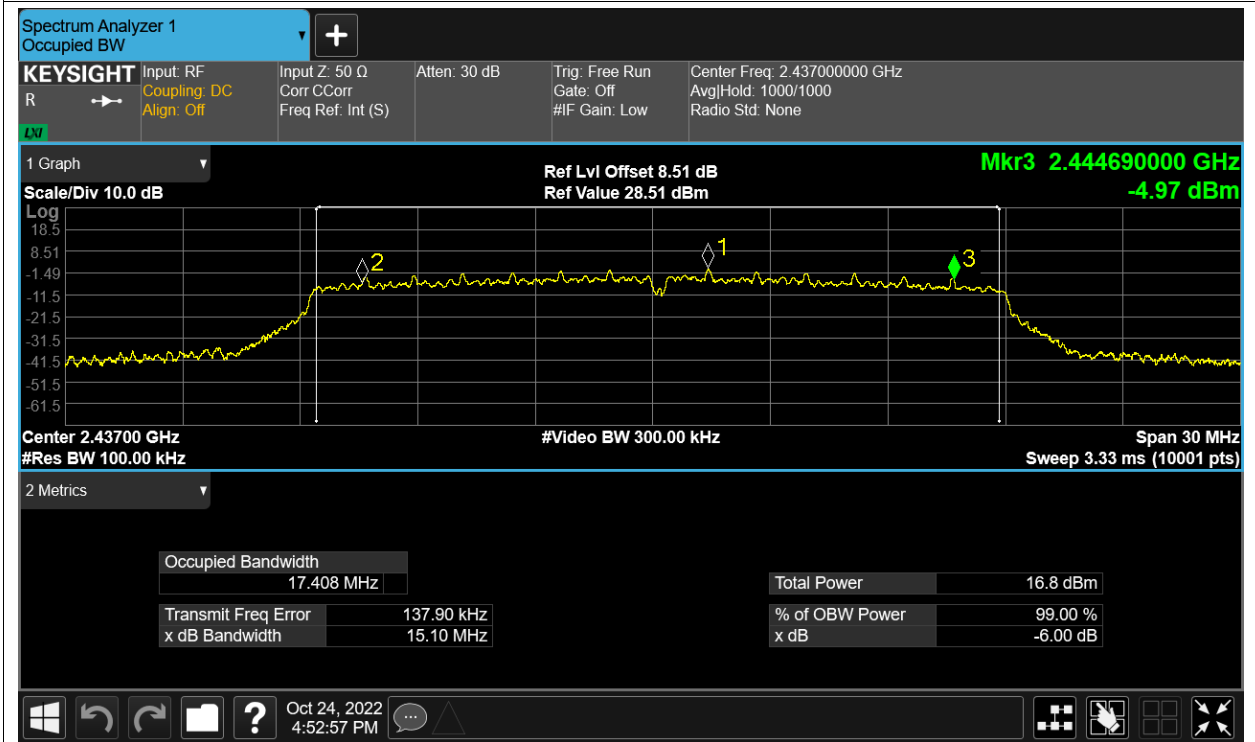
-6dB Bandwidth NVNT n20 2412MHz Ant2



-6dB Bandwidth NVNT n20 2437MHz Ant1



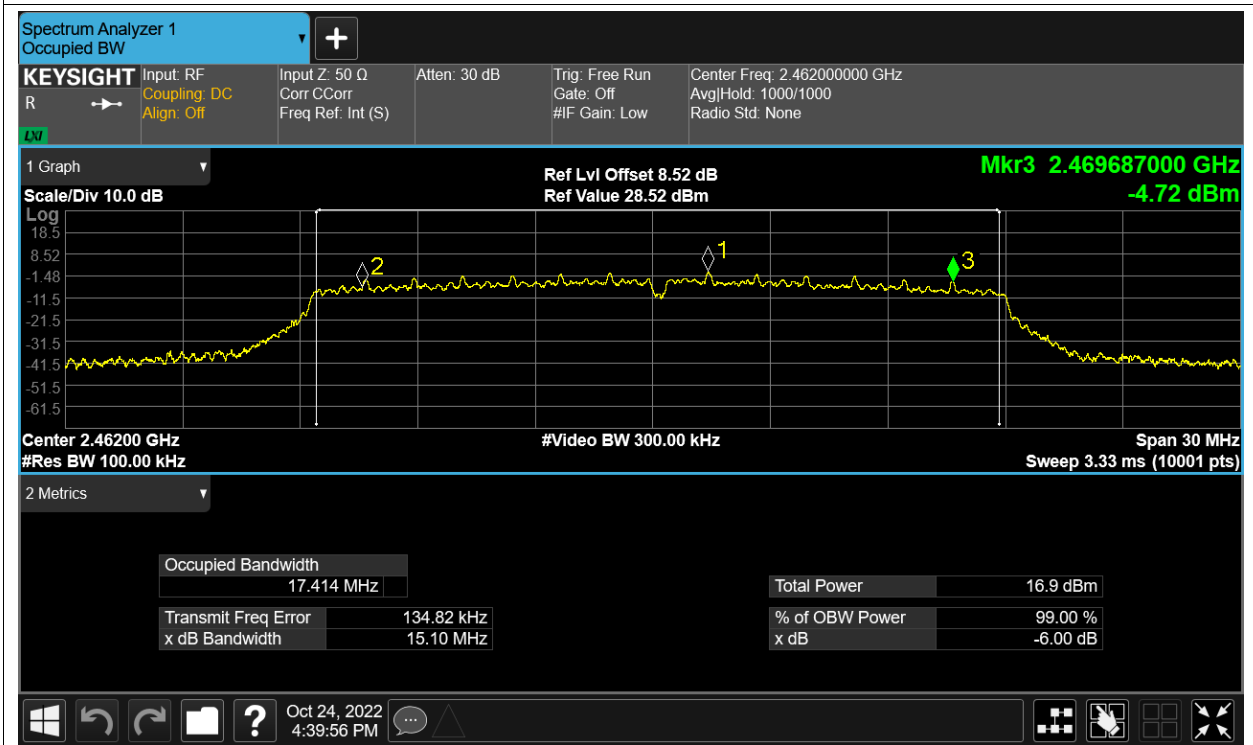
-6dB Bandwidth NVNT n20 2437MHz Ant2



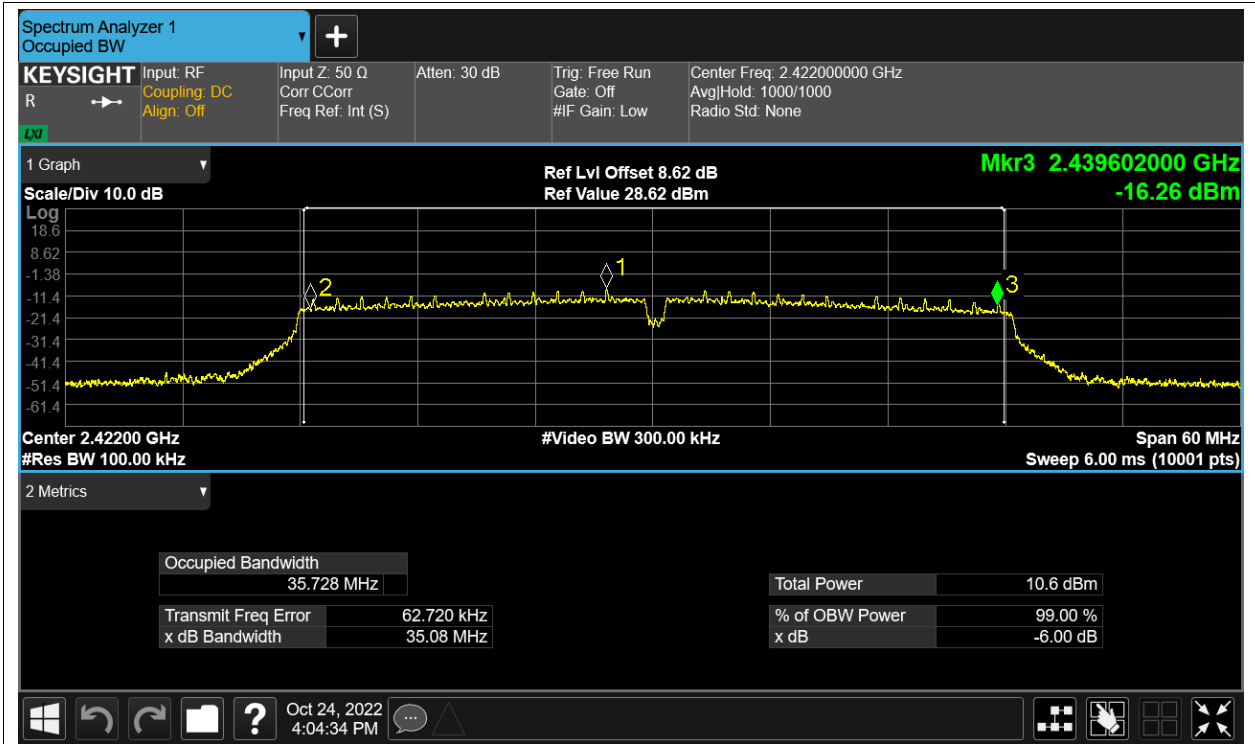
-6dB Bandwidth NVNT n20 2462MHz Ant1



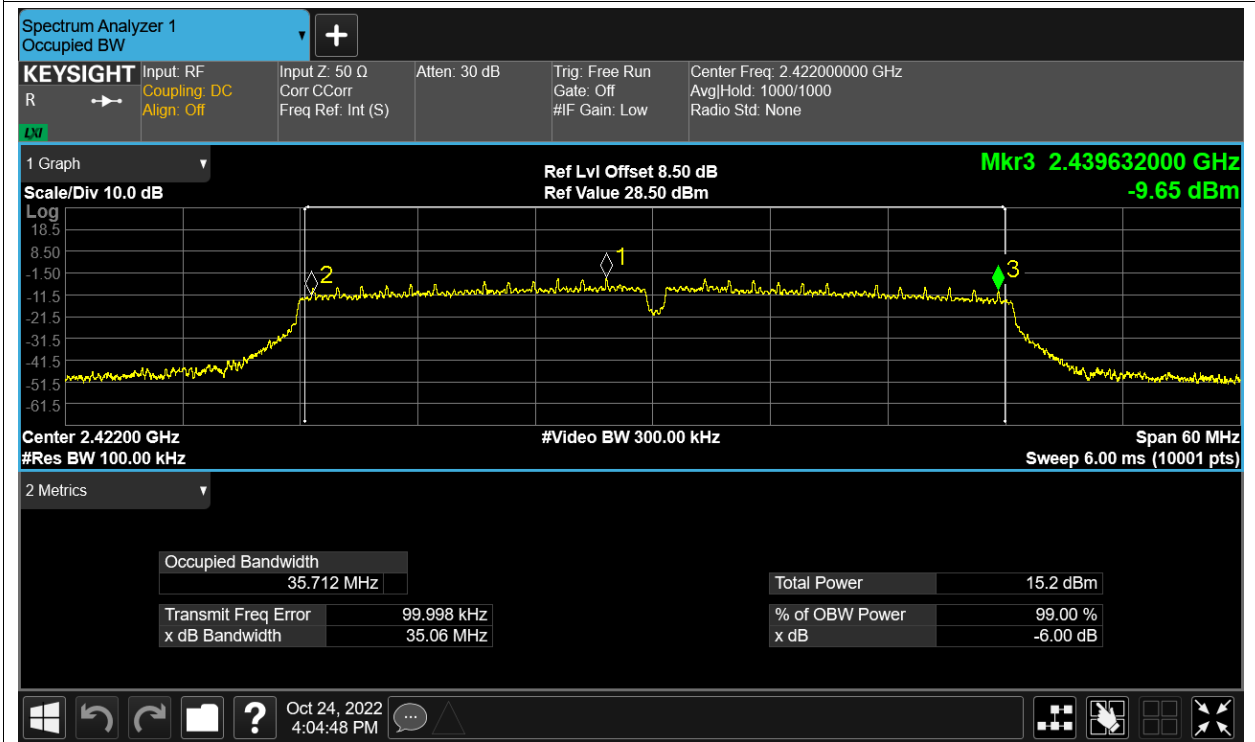
-6dB Bandwidth NVNT n20 2462MHz Ant2



-6dB Bandwidth NVNT n40 2422MHz Ant1



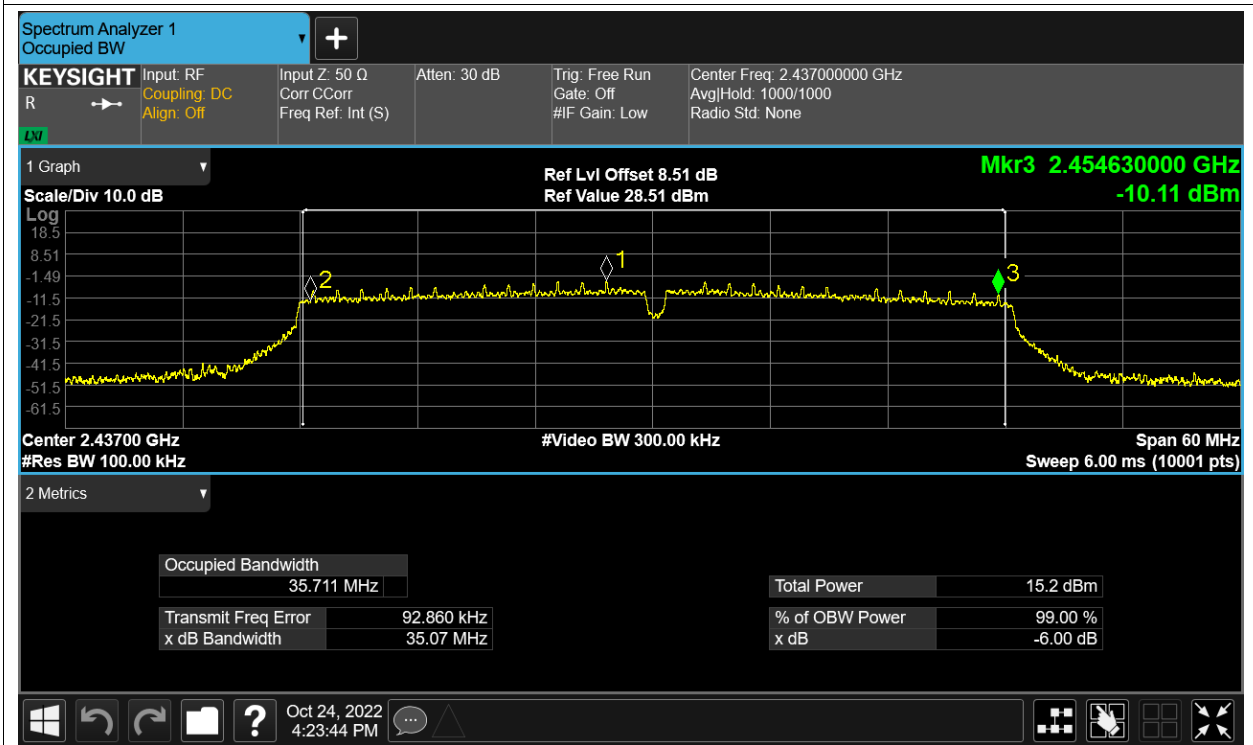
-6dB Bandwidth NVNT n40 2422MHz Ant2



-6dB Bandwidth NVNT n40 2437MHz Ant1



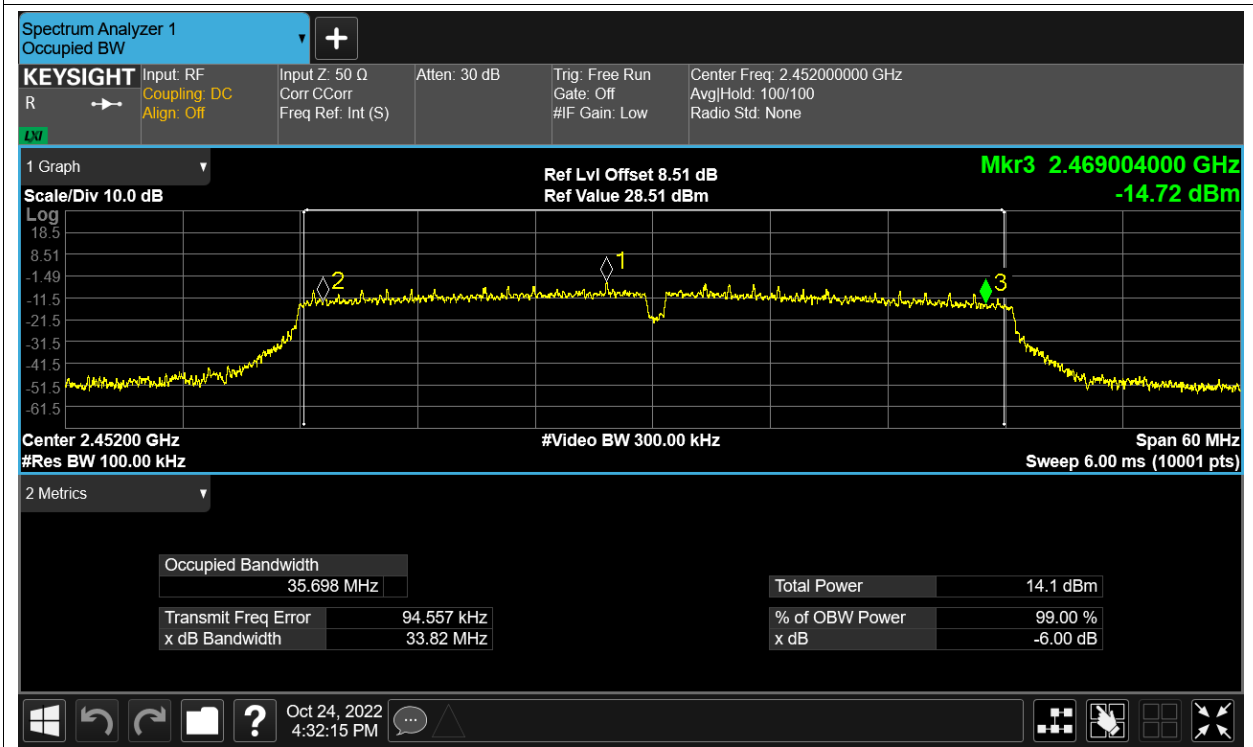
-6dB Bandwidth NVNT n40 2437MHz Ant2



-6dB Bandwidth NVNT n40 2452MHz Ant1

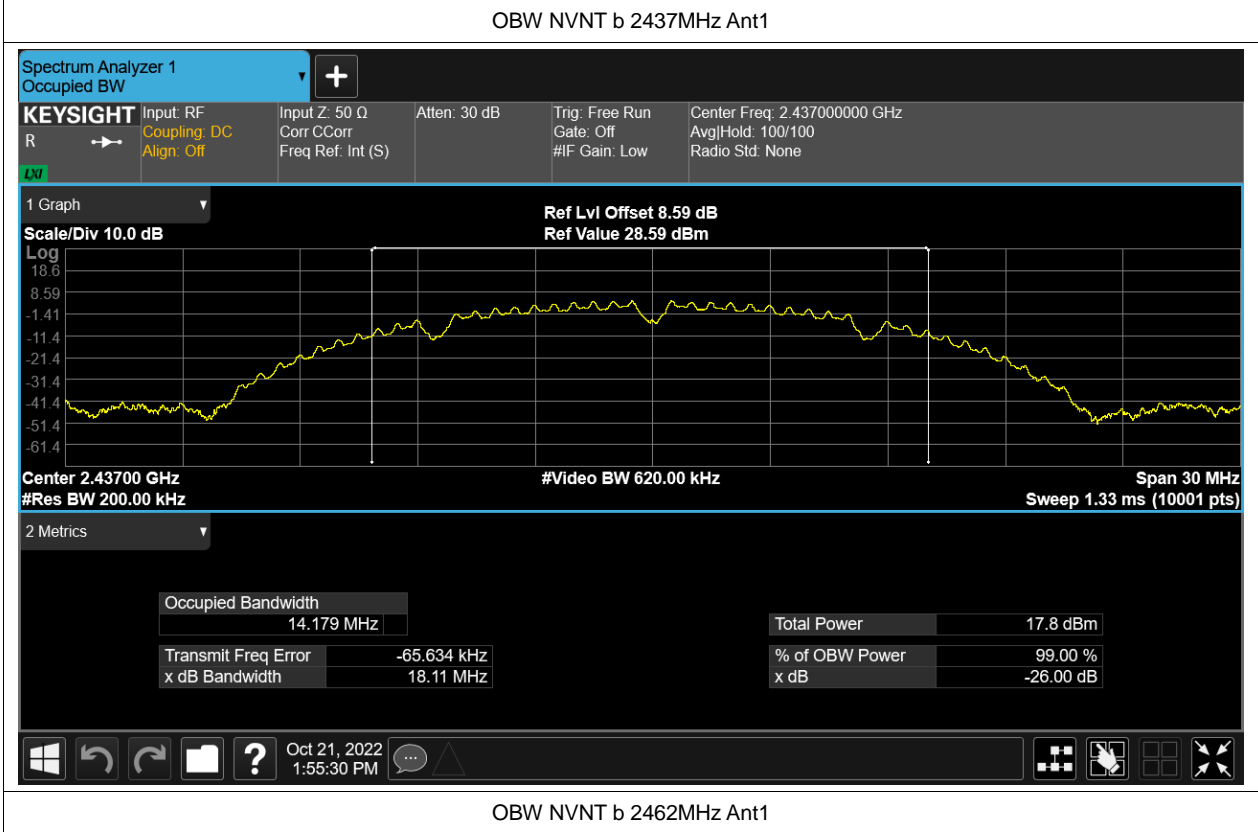
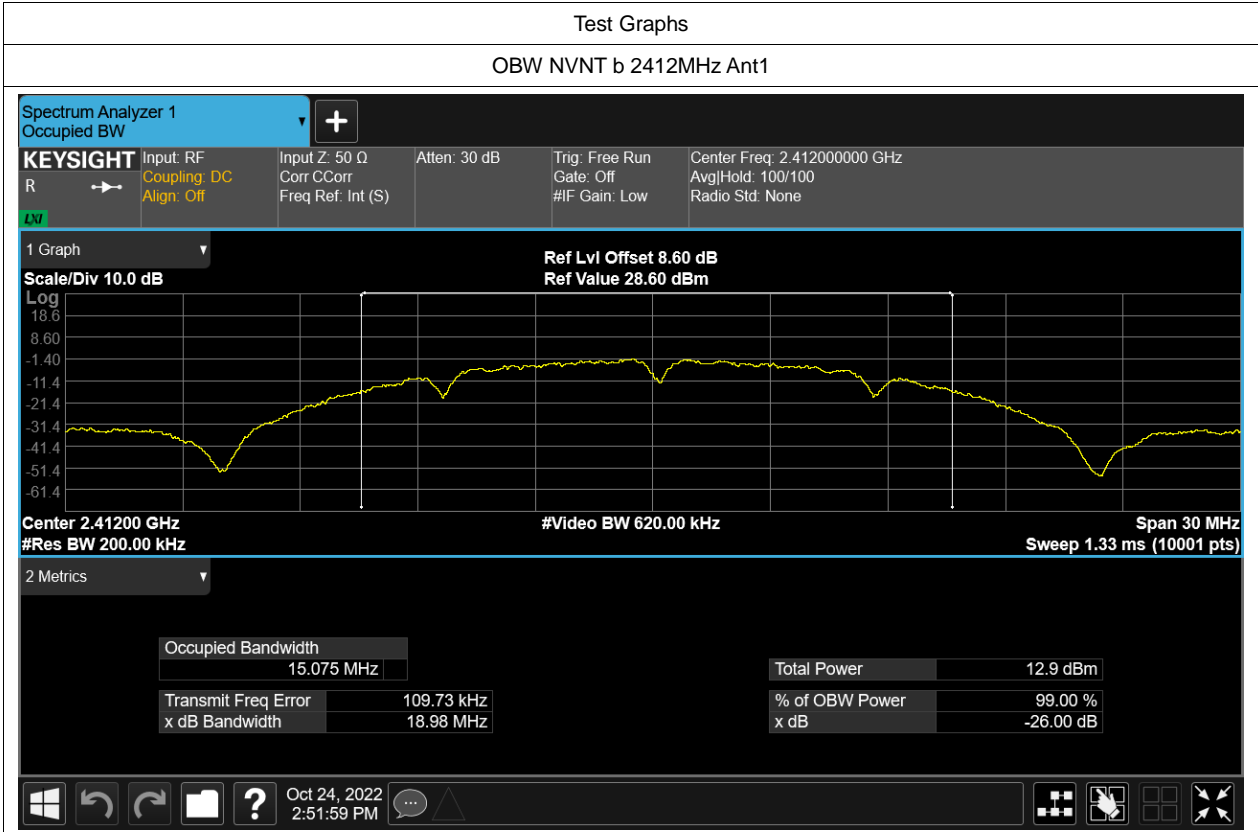


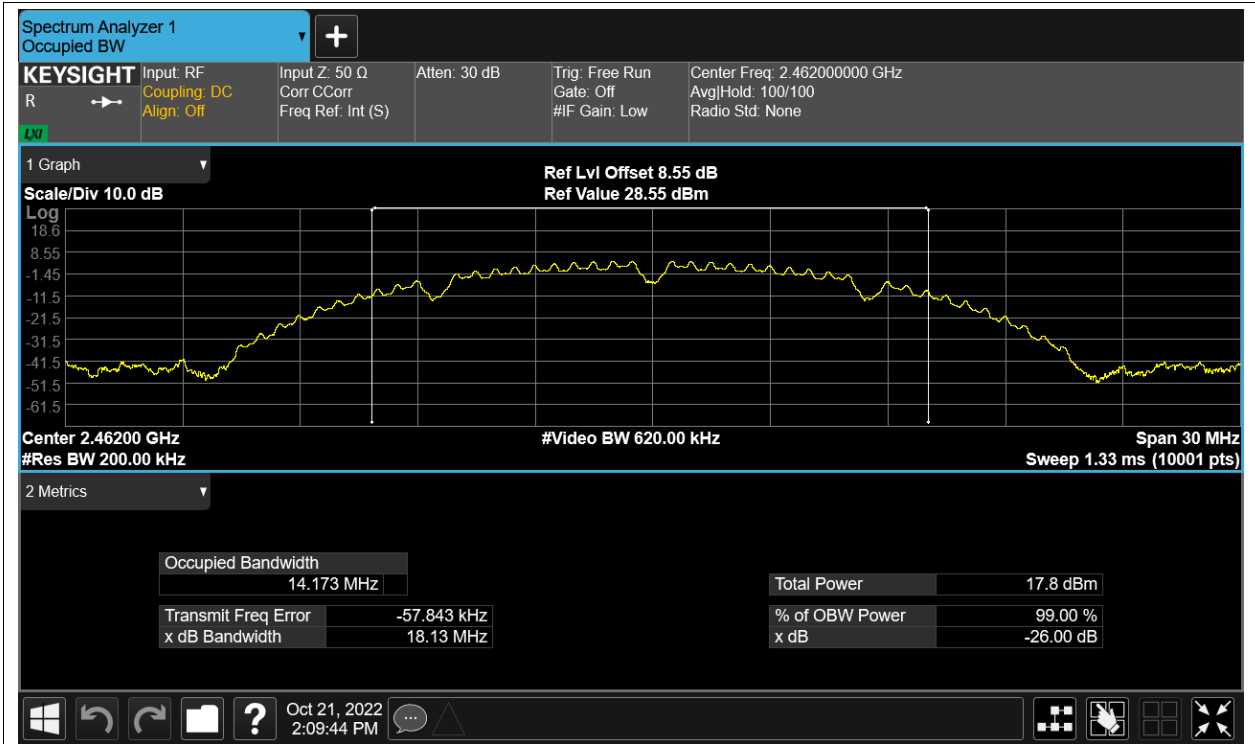
-6dB Bandwidth NVNT n40 2452MHz Ant2



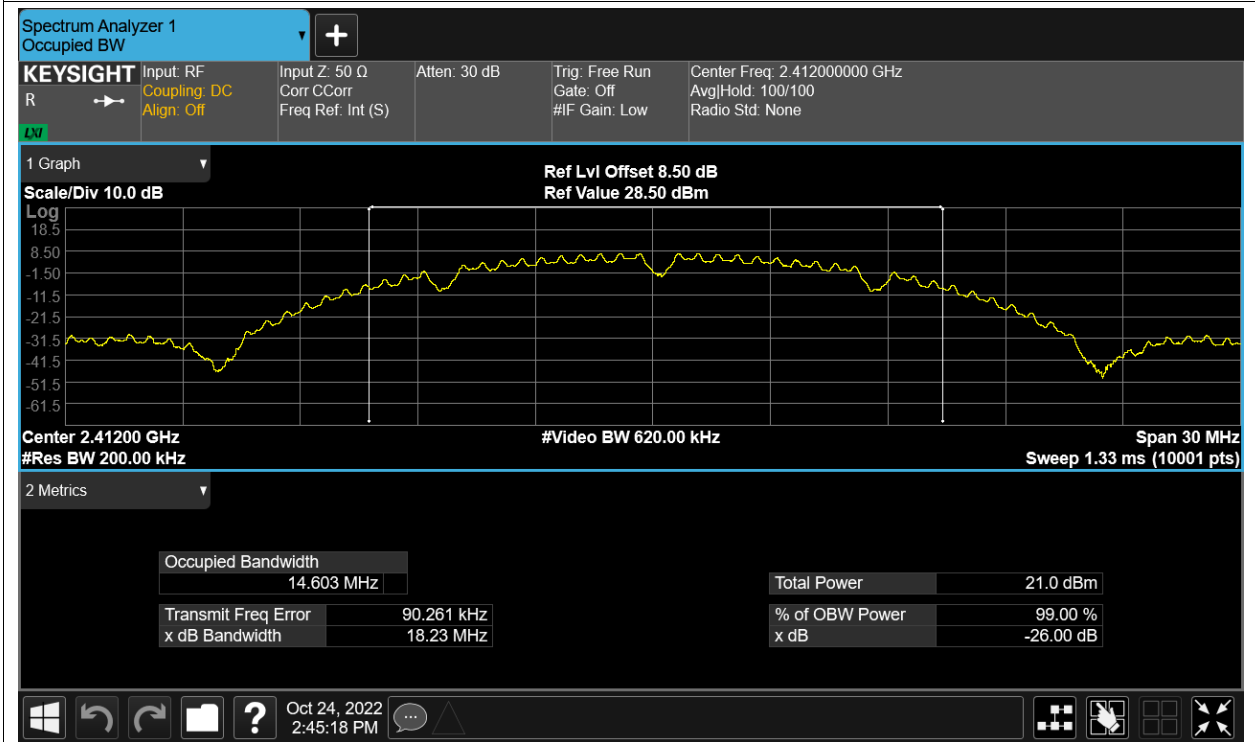
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	15.075
NVNT	b	2437	Ant1	14.179
NVNT	b	2462	Ant1	14.173
NVNT	b	2412	Ant2	14.603
NVNT	b	2437	Ant2	14.326
NVNT	b	2462	Ant2	14.276
NVNT	g	2412	Ant1	16.755
NVNT	g	2437	Ant1	16.694
NVNT	g	2462	Ant1	16.695
NVNT	g	2412	Ant2	16.325
NVNT	g	2437	Ant2	16.346
NVNT	g	2462	Ant2	16.335
NVNT	n20	2412	Ant1	17.466
NVNT	n20	2412	Ant2	17.398
NVNT	n20	2437	Ant1	17.473
NVNT	n20	2437	Ant2	17.395
NVNT	n20	2462	Ant1	17.471
NVNT	n20	2462	Ant2	17.399
NVNT	n40	2422	Ant1	35.898
NVNT	n40	2422	Ant2	35.742
NVNT	n40	2437	Ant1	35.92
NVNT	n40	2437	Ant2	35.741
NVNT	n40	2452	Ant1	35.891
NVNT	n40	2452	Ant2	35.767

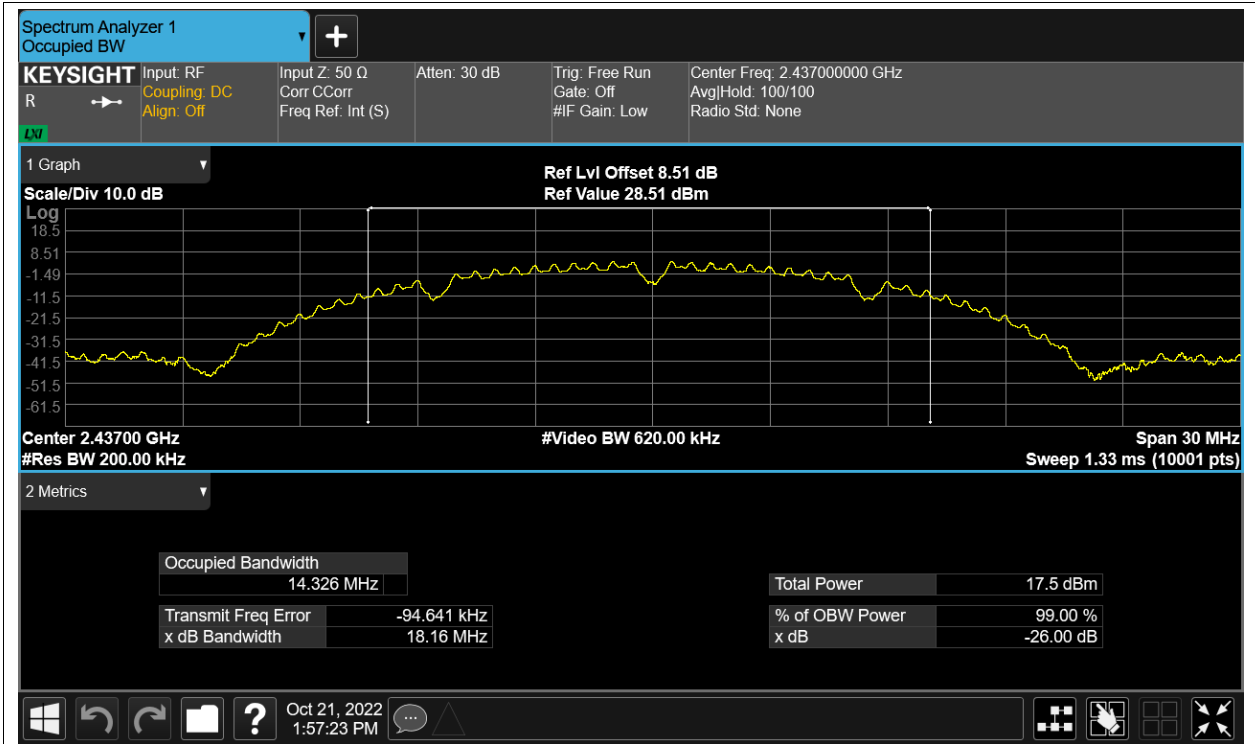




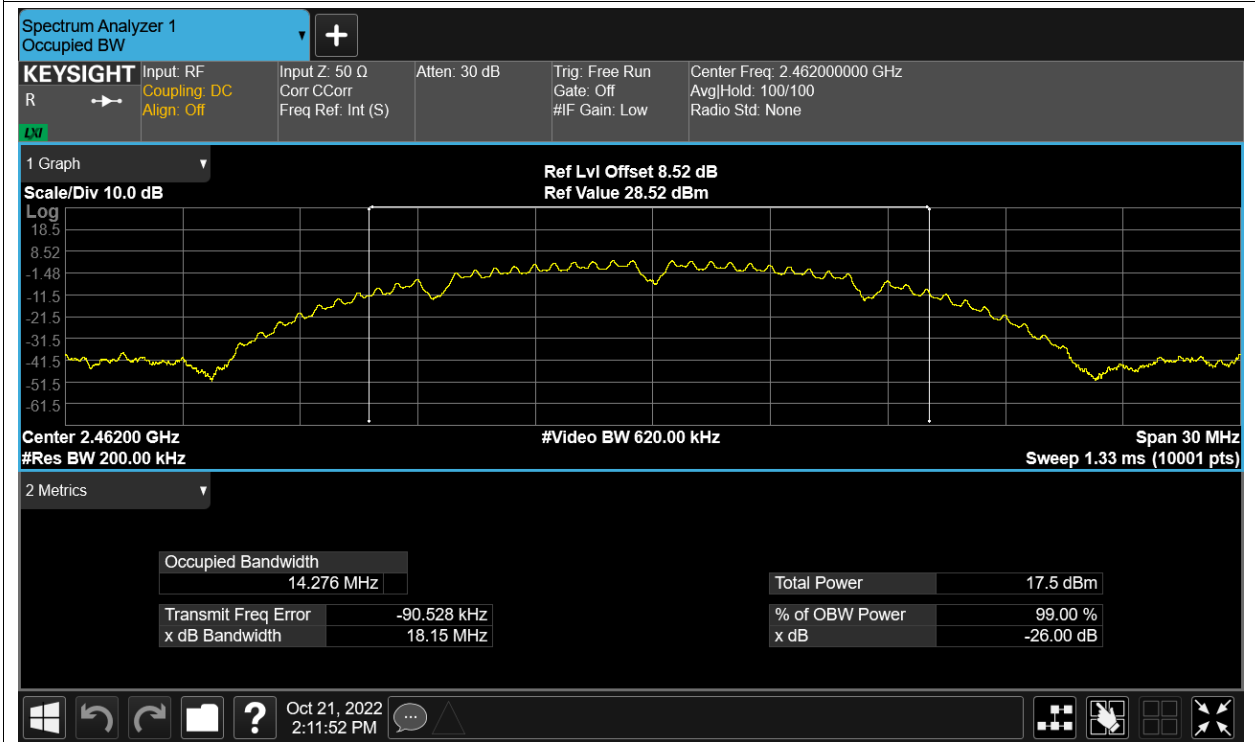
OBW NVNT b 2412MHz Ant2



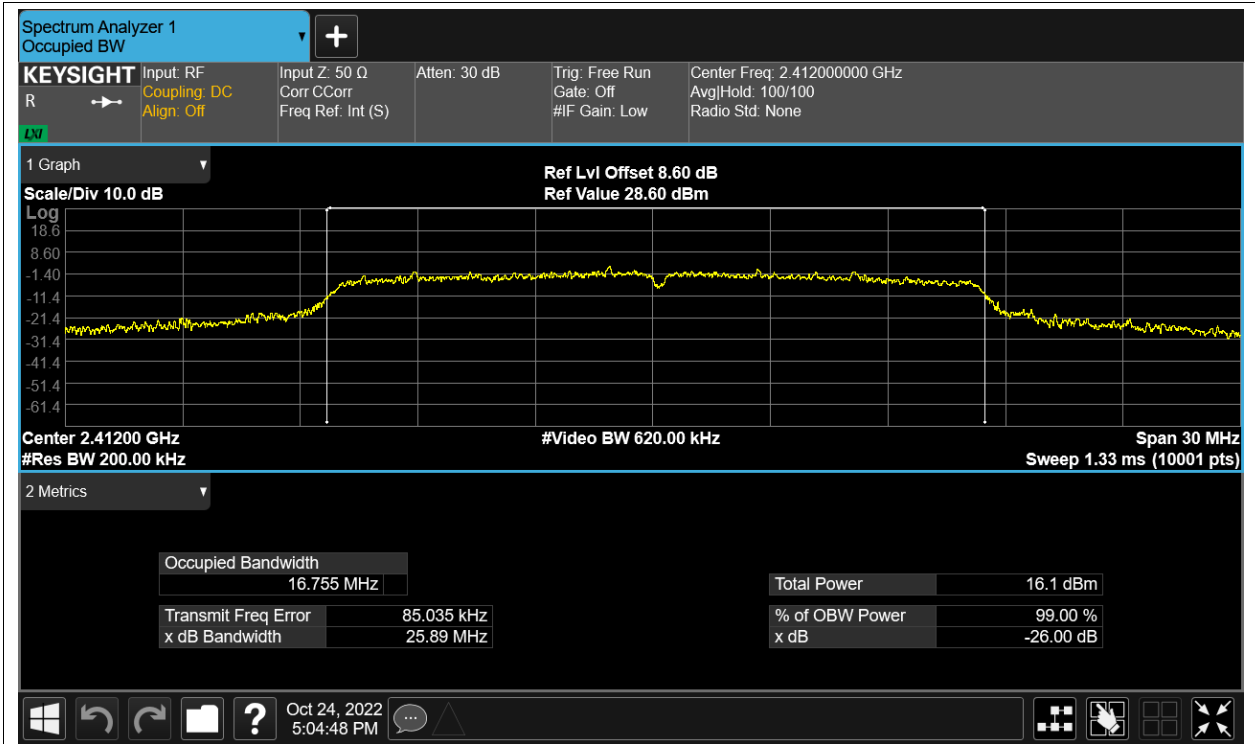
OBW NVNT b 2437MHz Ant2



OBW NVNT b 2462MHz Ant2



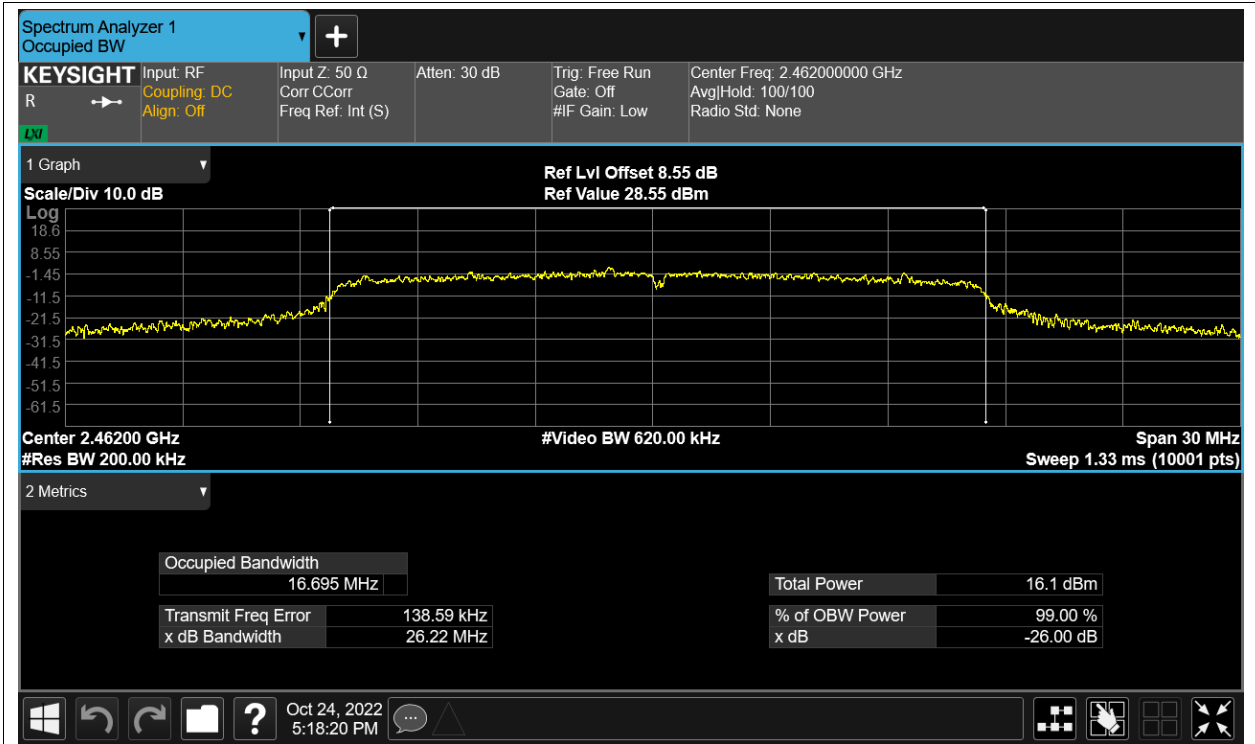
OBW NVNT g 2412MHz Ant1



OBW NVNT g 2437MHz Ant1



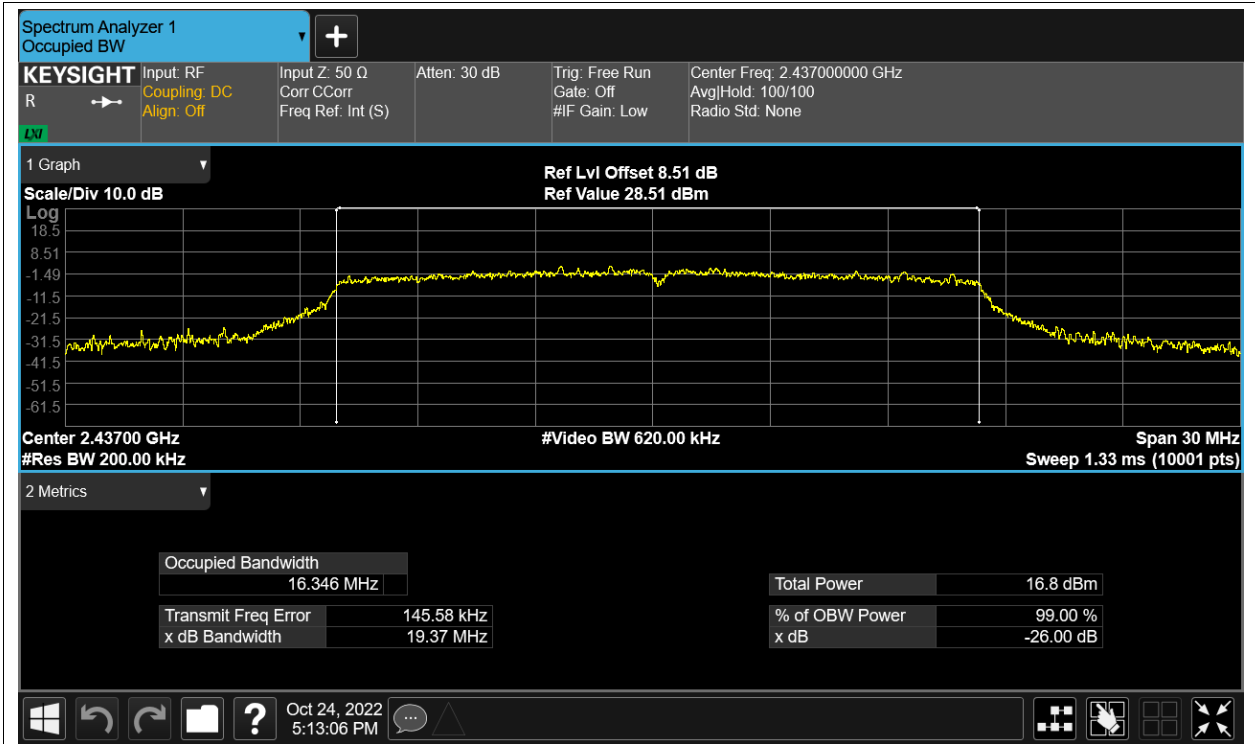
OBW NVNT g 2462MHz Ant1



OBW NVNT g 2412MHz Ant2



OBW NVNT g 2437MHz Ant2



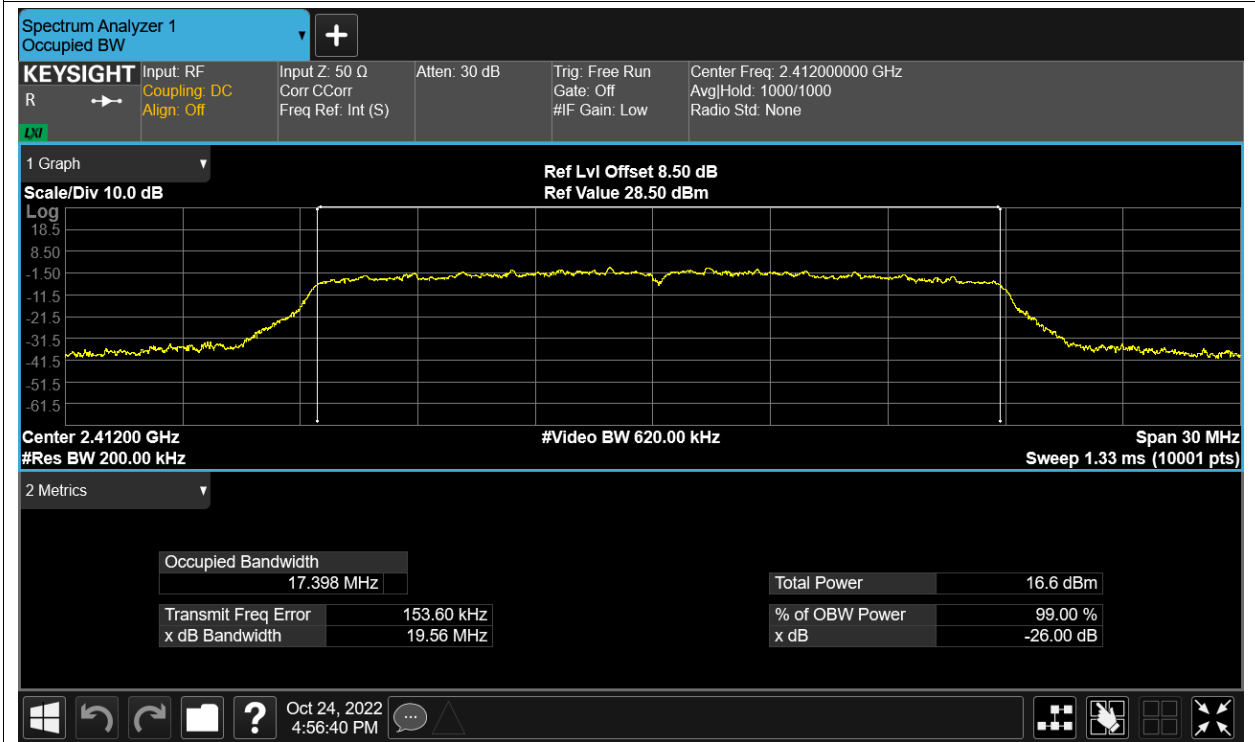
OBW NVNT g 2462MHz Ant2



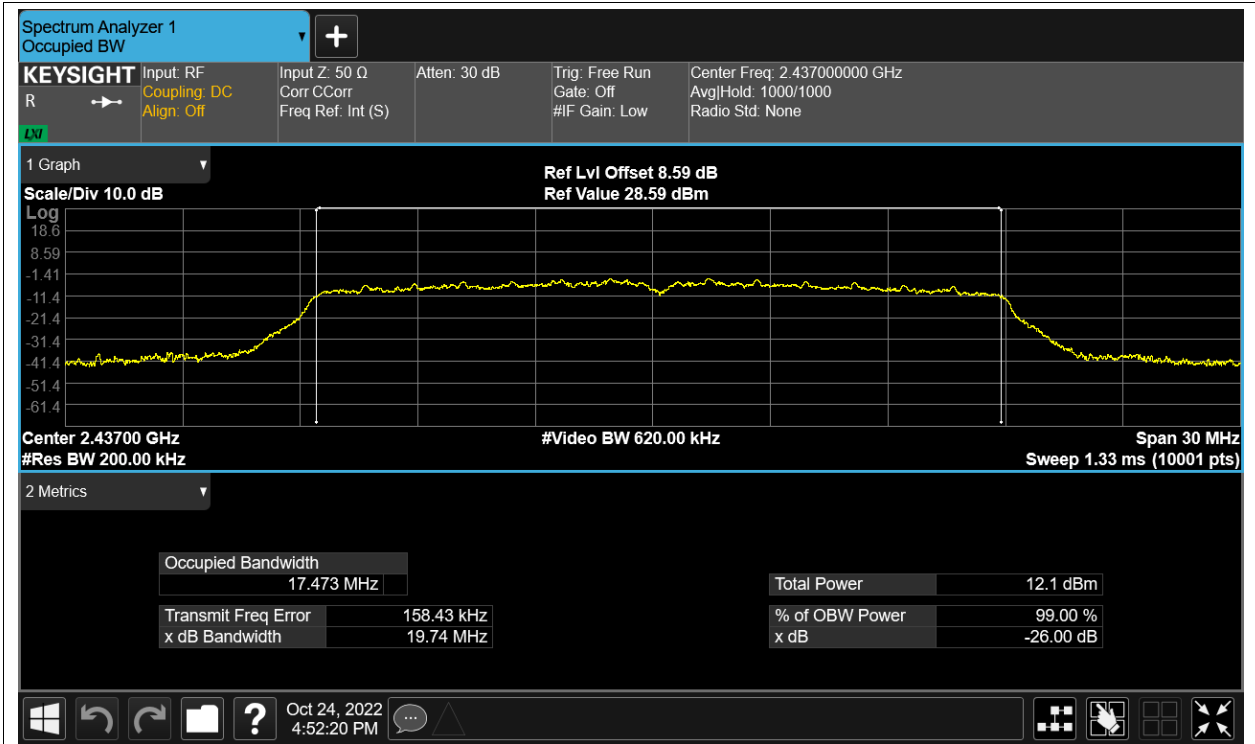
OBW NVNT n20 2412MHz Ant1



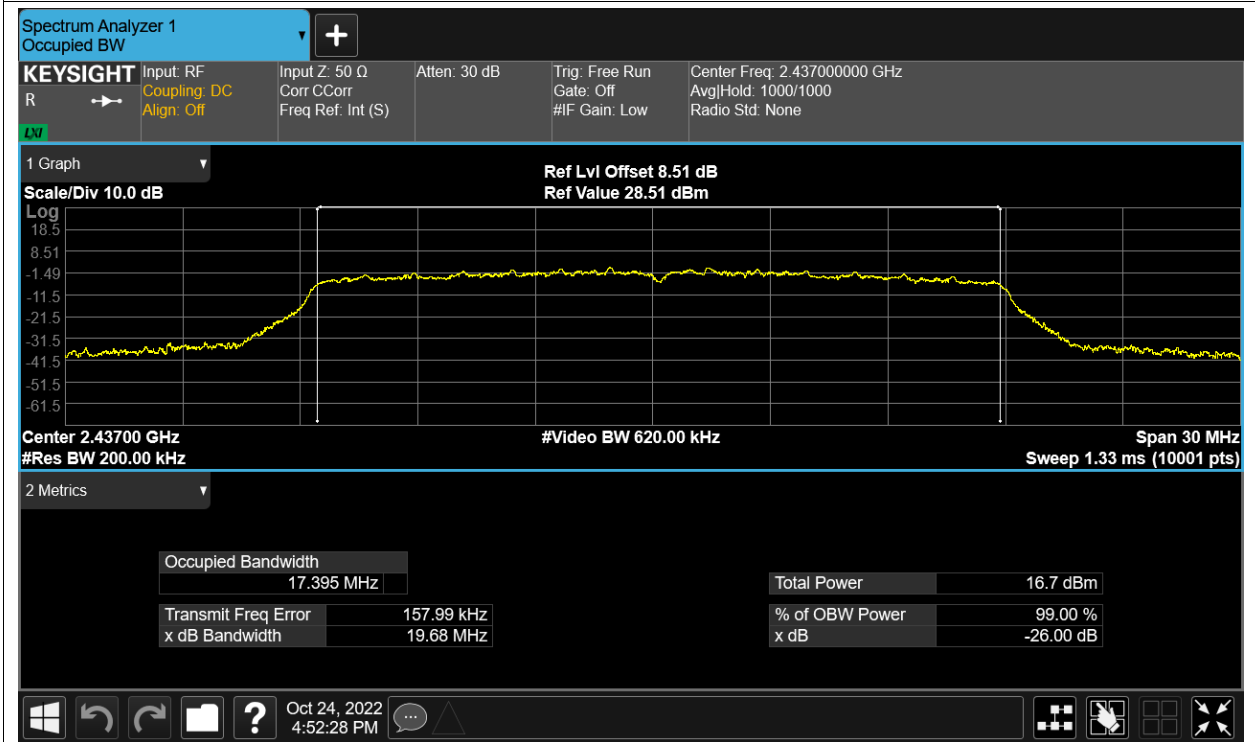
OBW NVNT n20 2412MHz Ant2



OBW NVNT n20 2437MHz Ant1



OBW NVNT n20 2437MHz Ant2



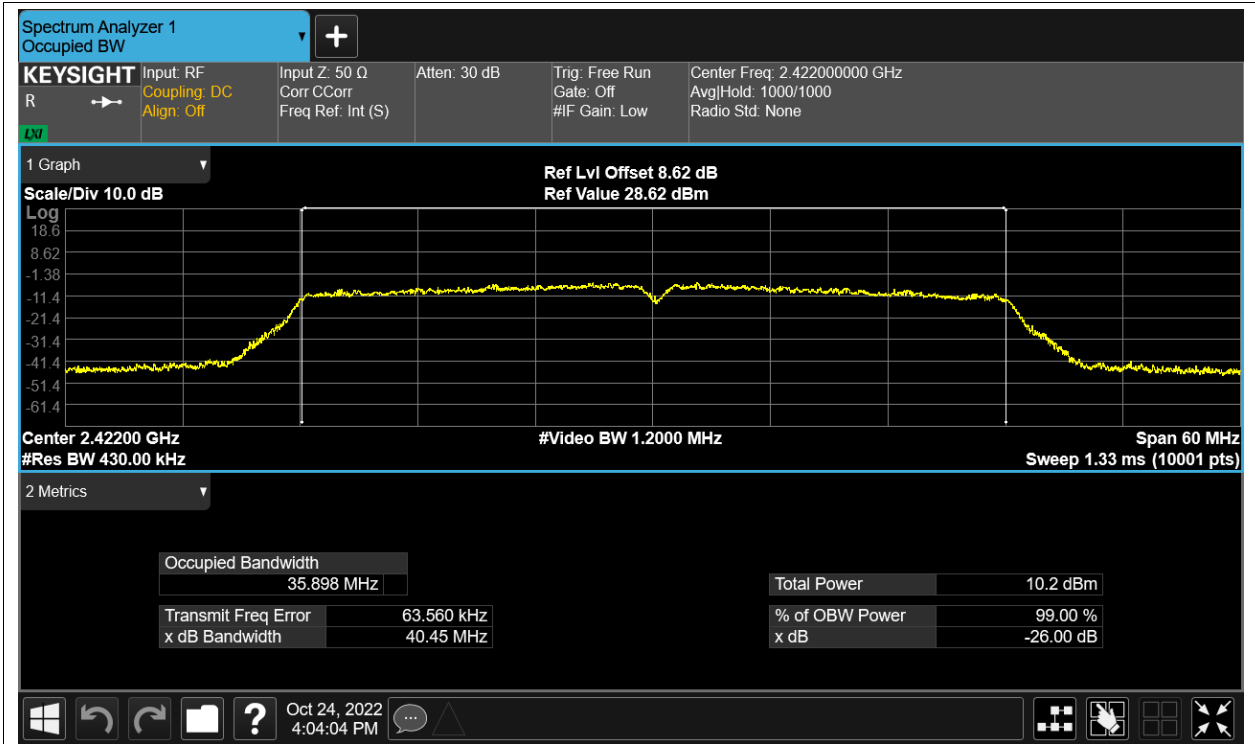
OBW NVNT n20 2462MHz Ant1



OBW NVNT n20 2462MHz Ant2



OBW NVNT n40 2422MHz Ant1



OBW NVNT n40 2422MHz Ant2



OBW NVNT n40 2437MHz Ant1



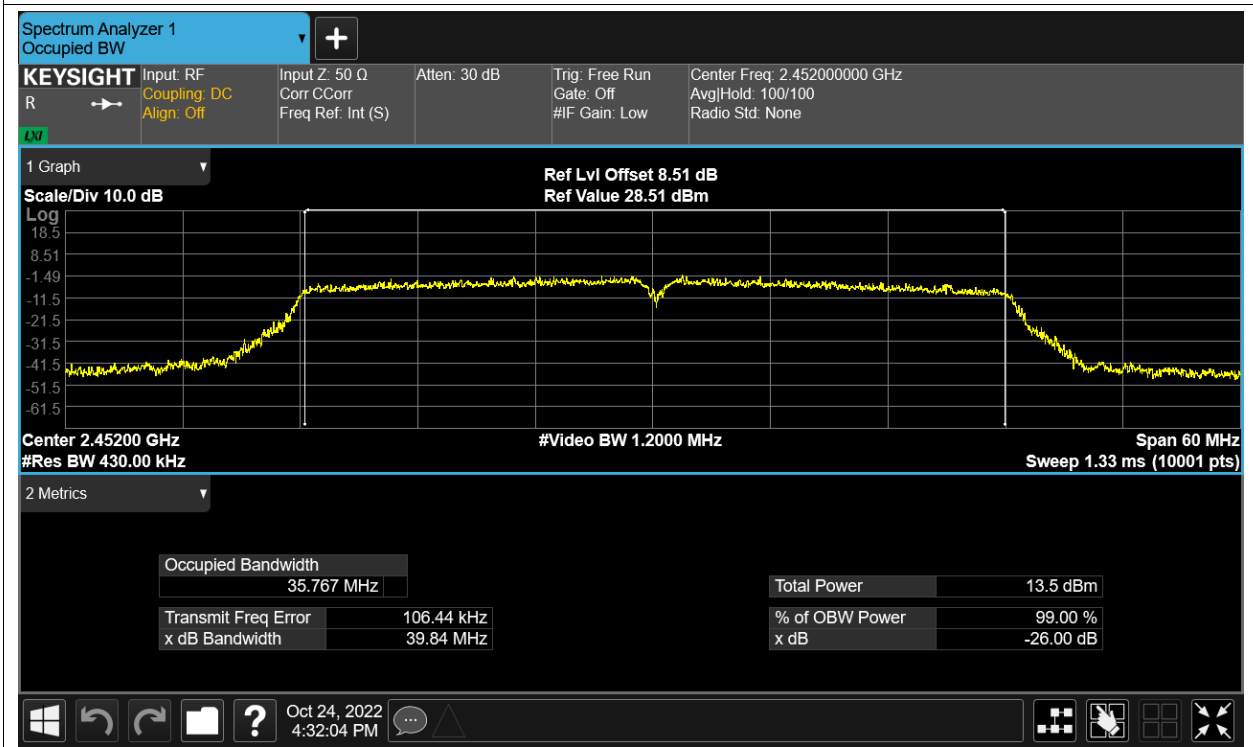
OBW NVNT n40 2437MHz Ant2



OBW NVNT n40 2452MHz Ant1



OBW NVNT n40 2452MHz Ant2

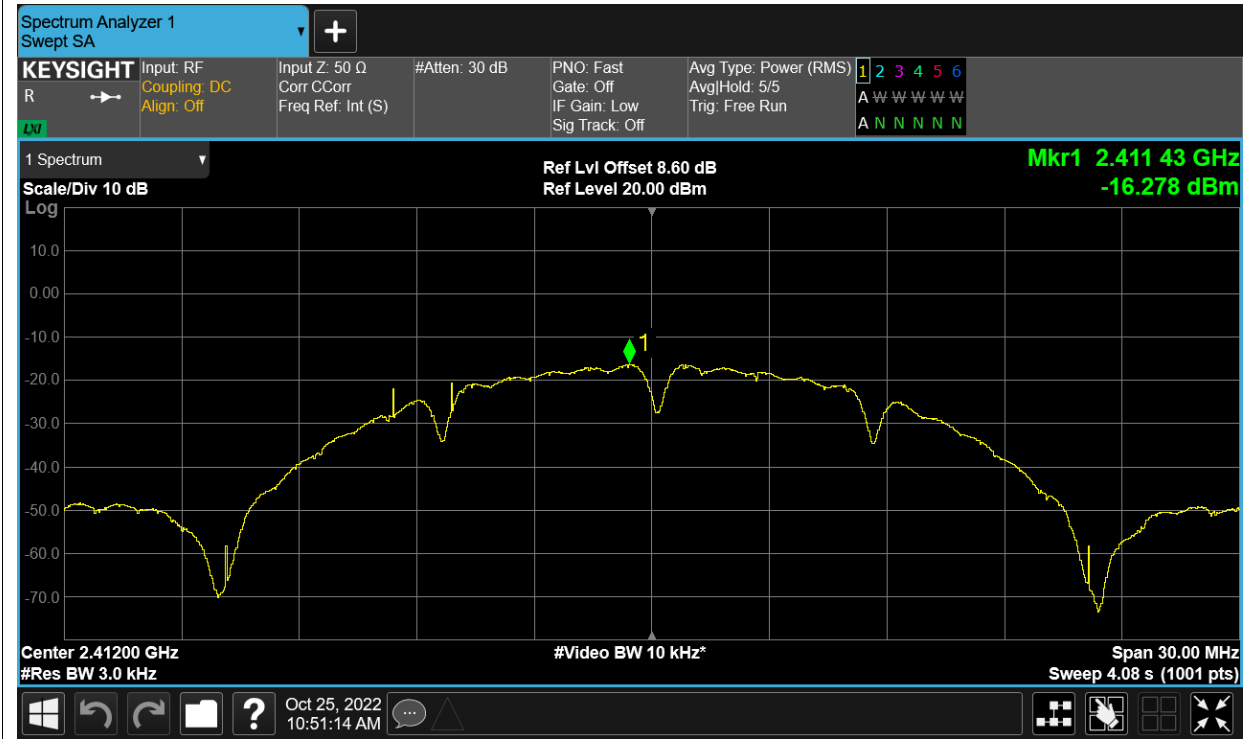


Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	-16.278	8	Pass
NVNT	b	2437	Ant1	-12.31	8	Pass
NVNT	b	2462	Ant1	-15.474	8	Pass
NVNT	b	2412	Ant2	-12.223	8	Pass
NVNT	b	2437	Ant2	-16.506	8	Pass
NVNT	b	2462	Ant2	-16.616	8	Pass
NVNT	g	2412	Ant1	-22.956	8	Pass
NVNT	g	2437	Ant1	-22.839	8	Pass
NVNT	g	2462	Ant1	-22.359	8	Pass
NVNT	g	2412	Ant2	-22.113	8	Pass
NVNT	g	2437	Ant2	-22.32	8	Pass
NVNT	g	2462	Ant2	-22.154	8	Pass
NVNT	n20	2412	Ant1	-27.628	8	Pass
NVNT	n20	2412	Ant2	-23.324	8	Pass
NVNT	n20	2412	Sum	-21.953	8	Pass
NVNT	n20	2437	Ant1	-27.351	8	Pass
NVNT	n20	2437	Ant2	-23.28	8	Pass
NVNT	n20	2437	Sum	-21.845	8	Pass
NVNT	n20	2462	Ant1	-28.598	8	Pass
NVNT	n20	2462	Ant2	-23.481	8	Pass
NVNT	n20	2462	Sum	-22.316	8	Pass
NVNT	n40	2422	Ant1	-34.096	8	Pass
NVNT	n40	2422	Ant2	-29.686	8	Pass
NVNT	n40	2422	Sum	-28.343	8	Pass
NVNT	n40	2437	Ant1	-33.92	8	Pass
NVNT	n40	2437	Ant2	-29.074	8	Pass
NVNT	n40	2437	Sum	-27.843	8	Pass
NVNT	n40	2452	Ant1	-33.854	8	Pass
NVNT	n40	2452	Ant2	-29.621	8	Pass
NVNT	n40	2452	Sum	-28.231	8	Pass

Test Graphs

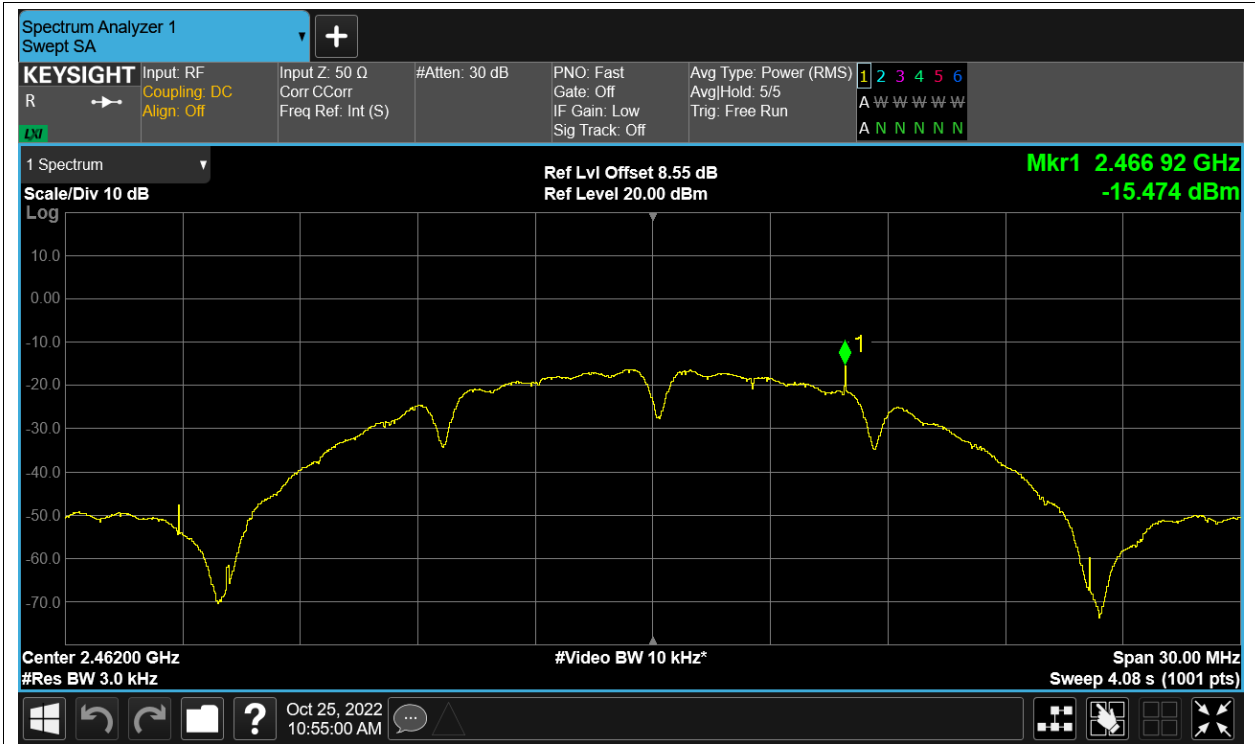
PSD NVNT b 2412MHz Ant1



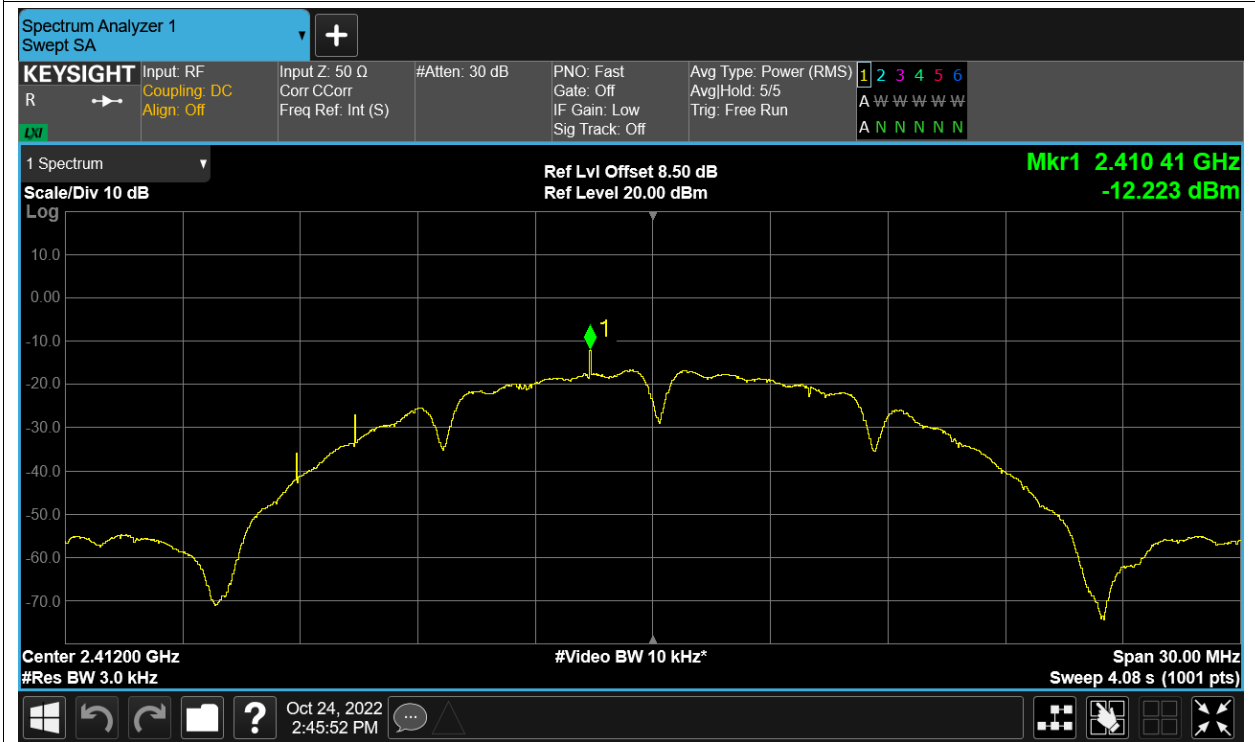
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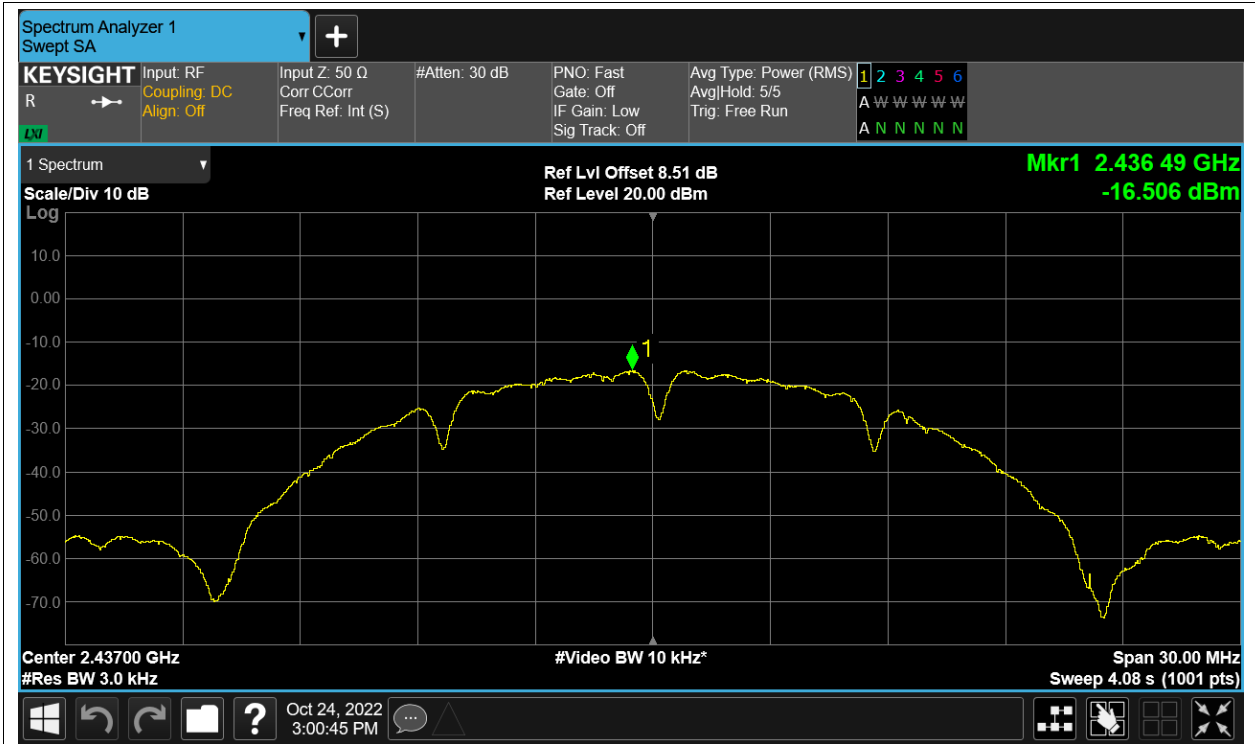
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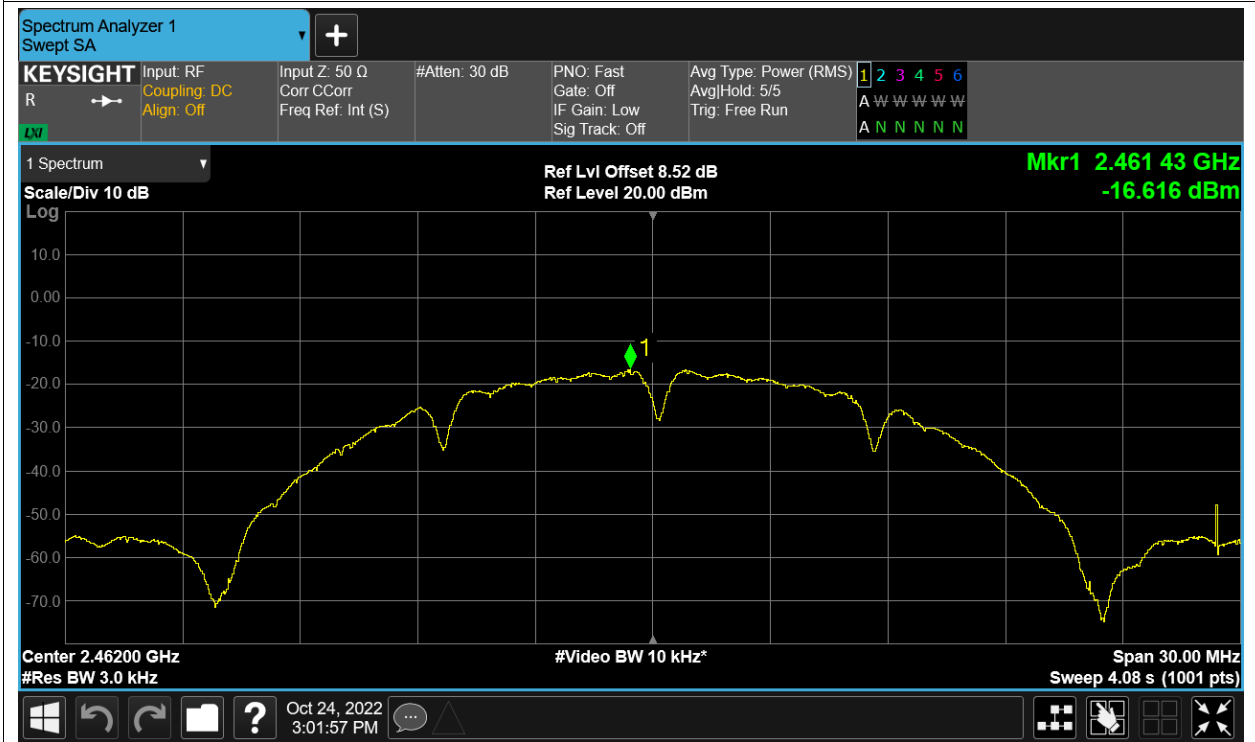
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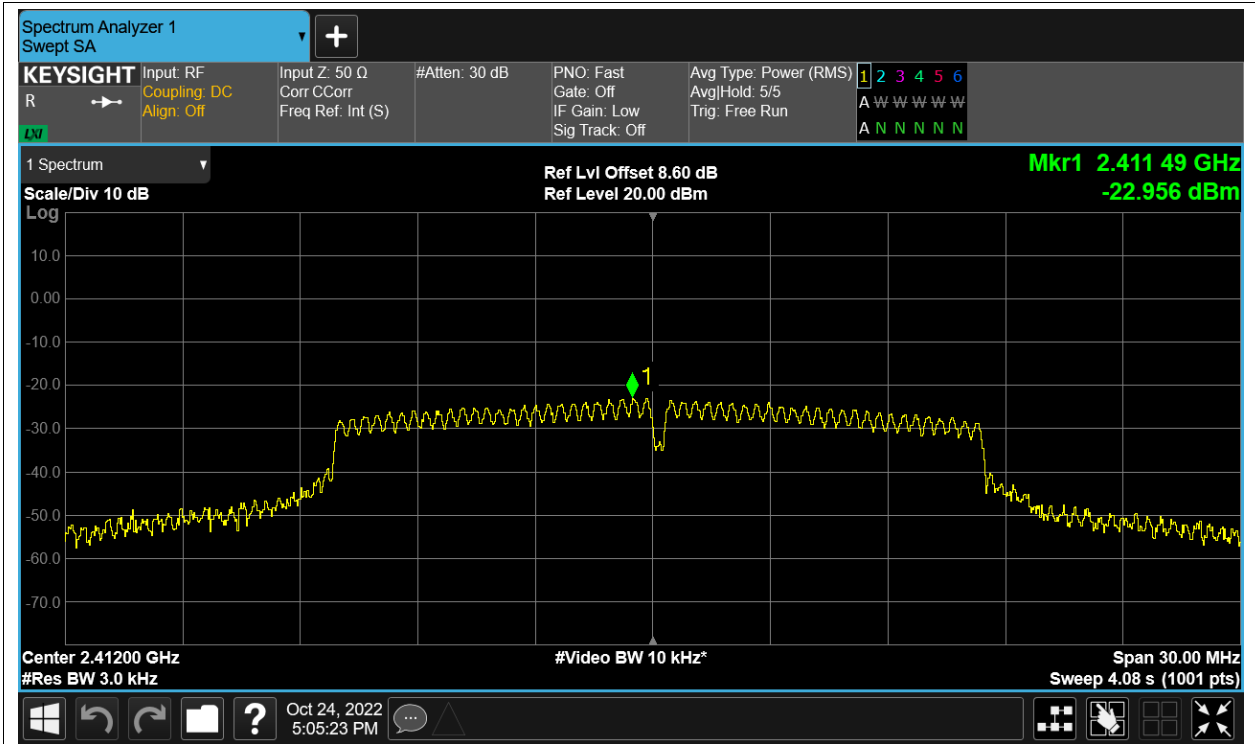
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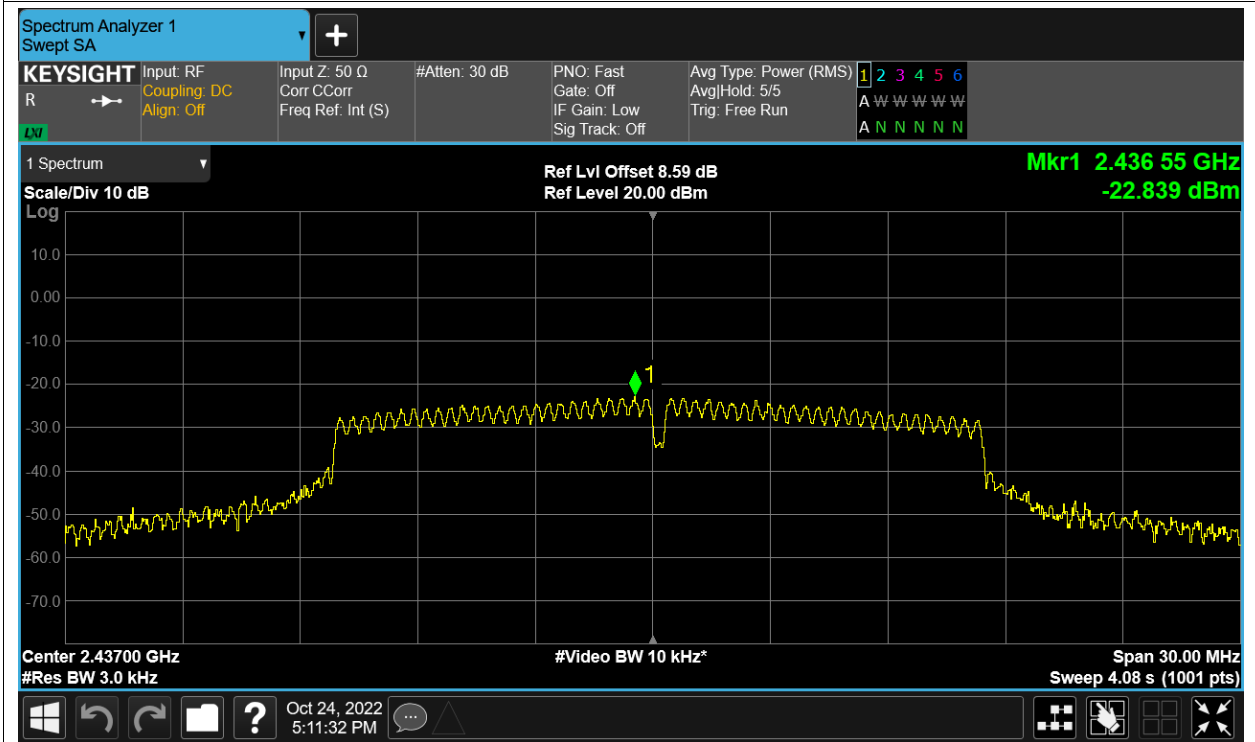
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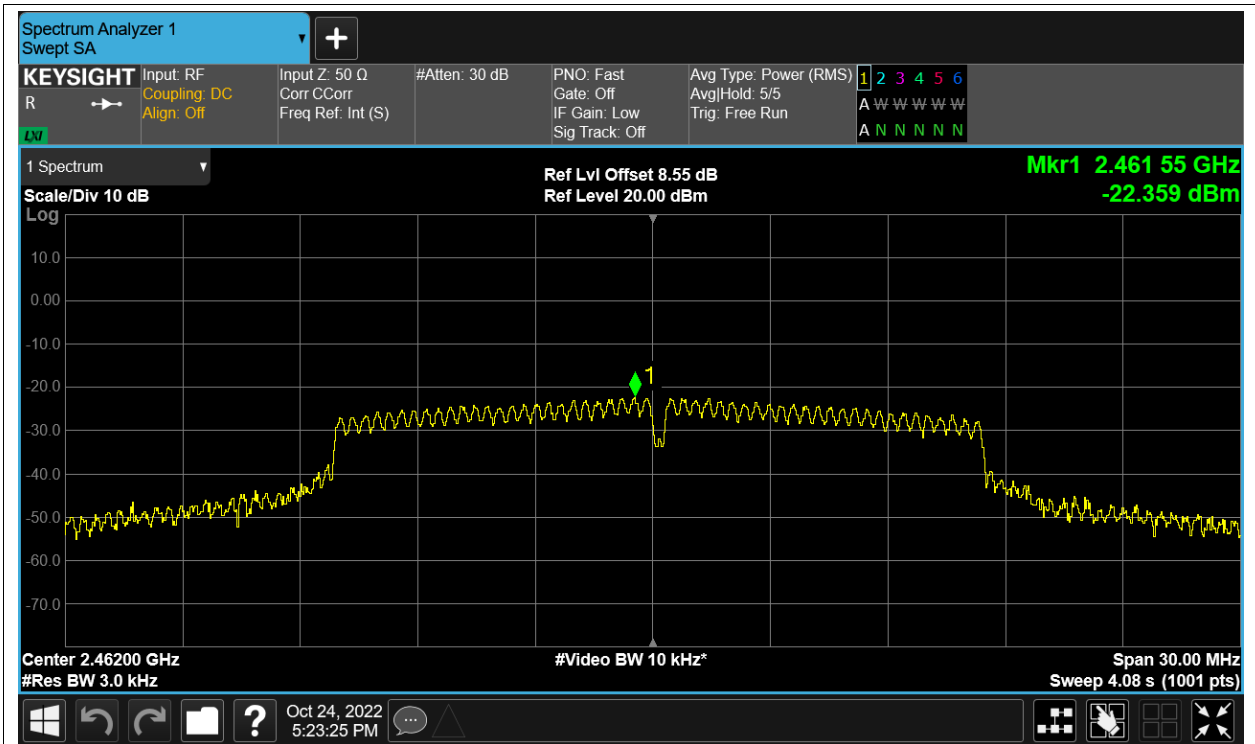
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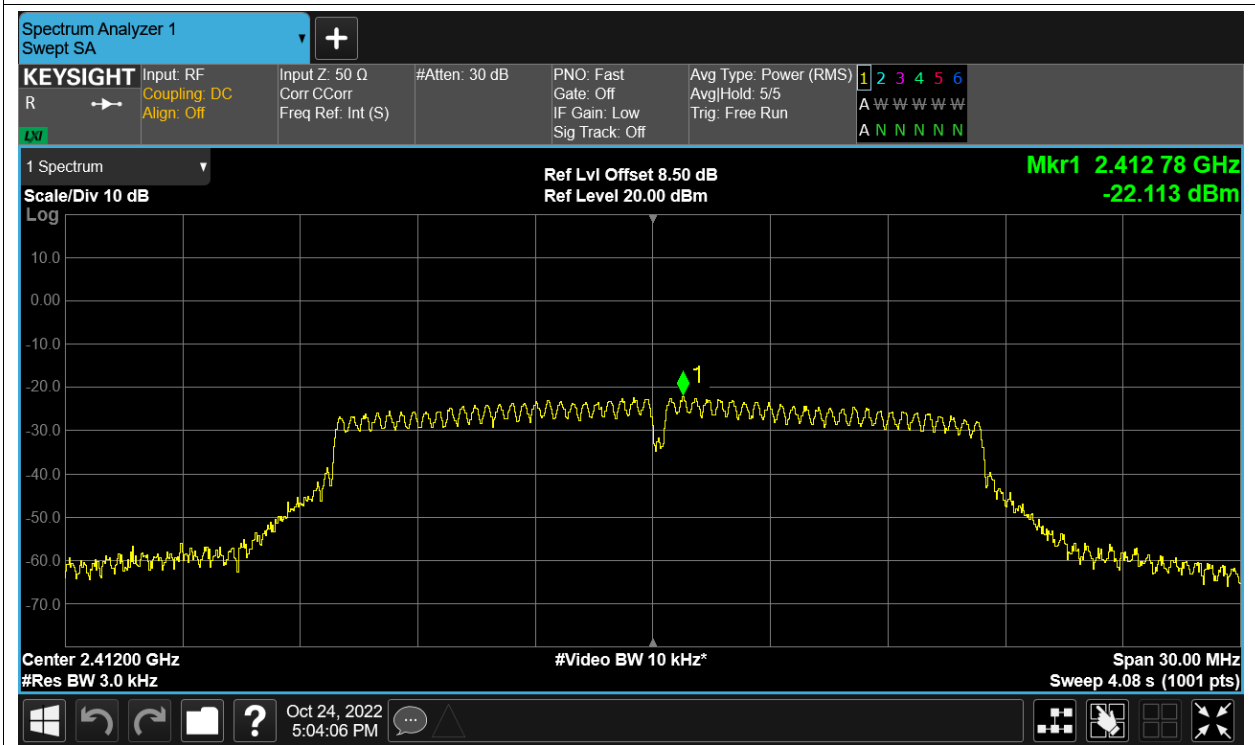
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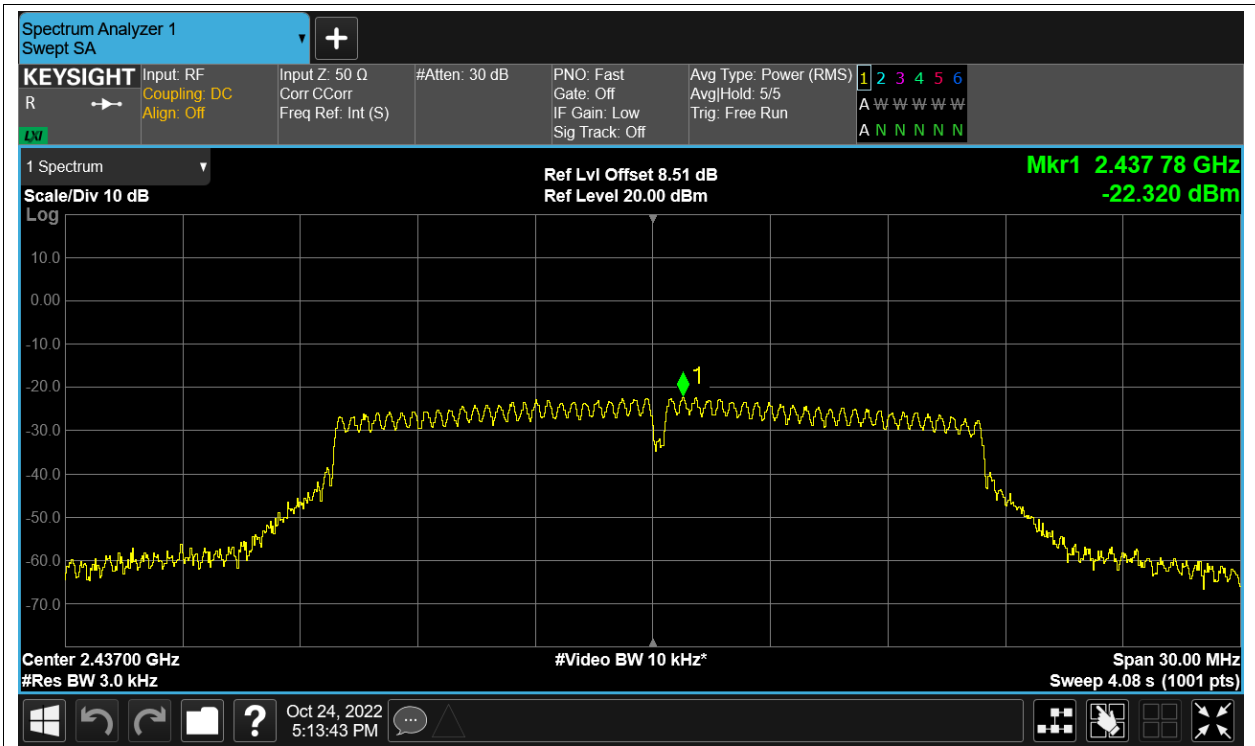
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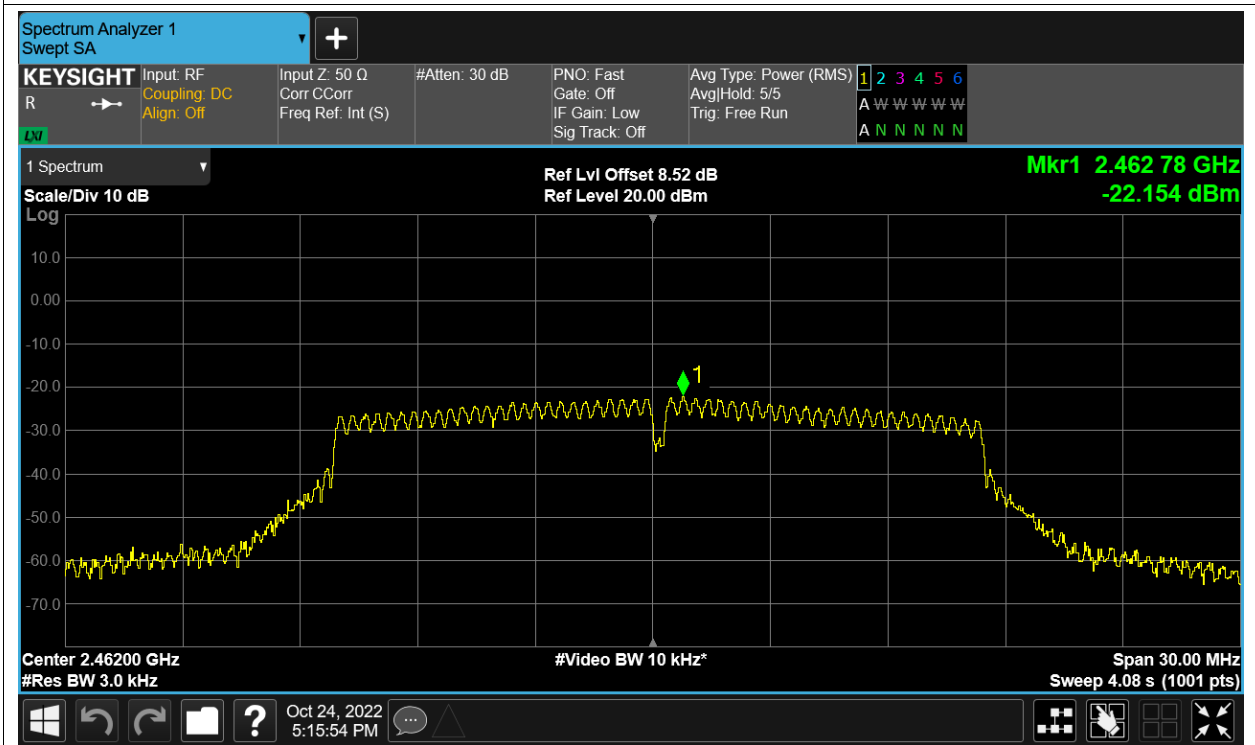
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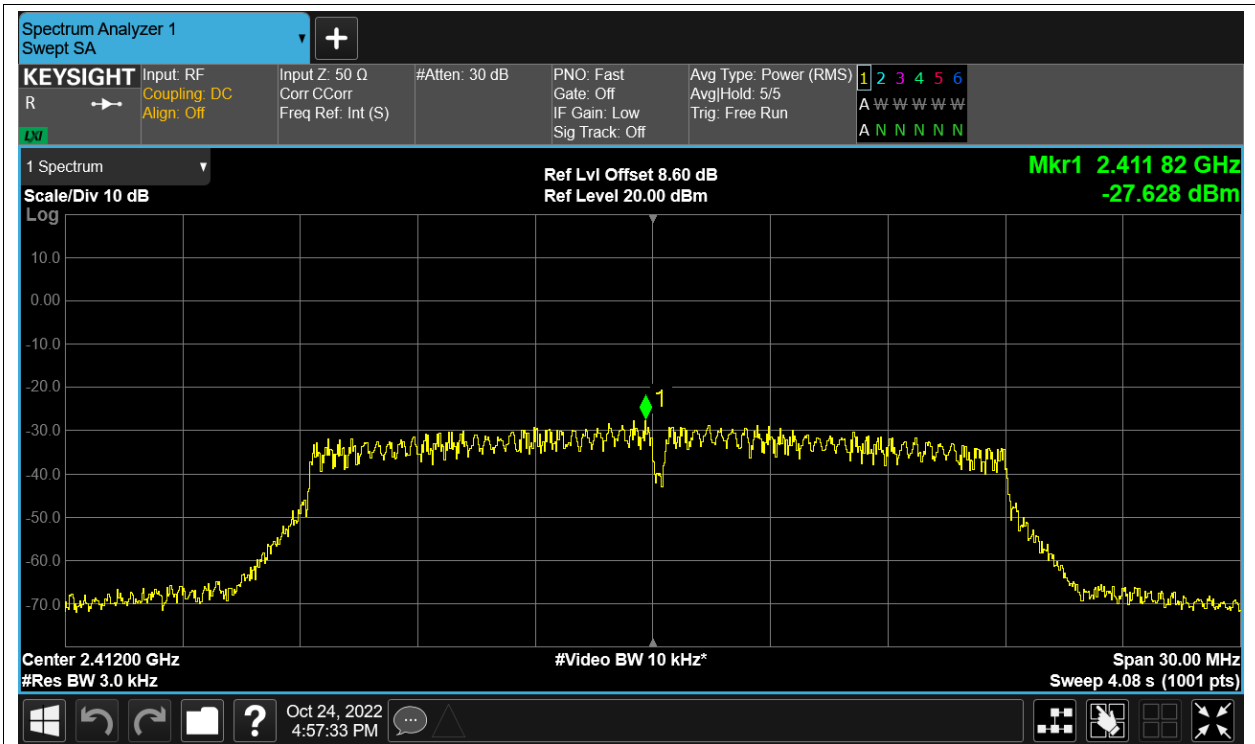
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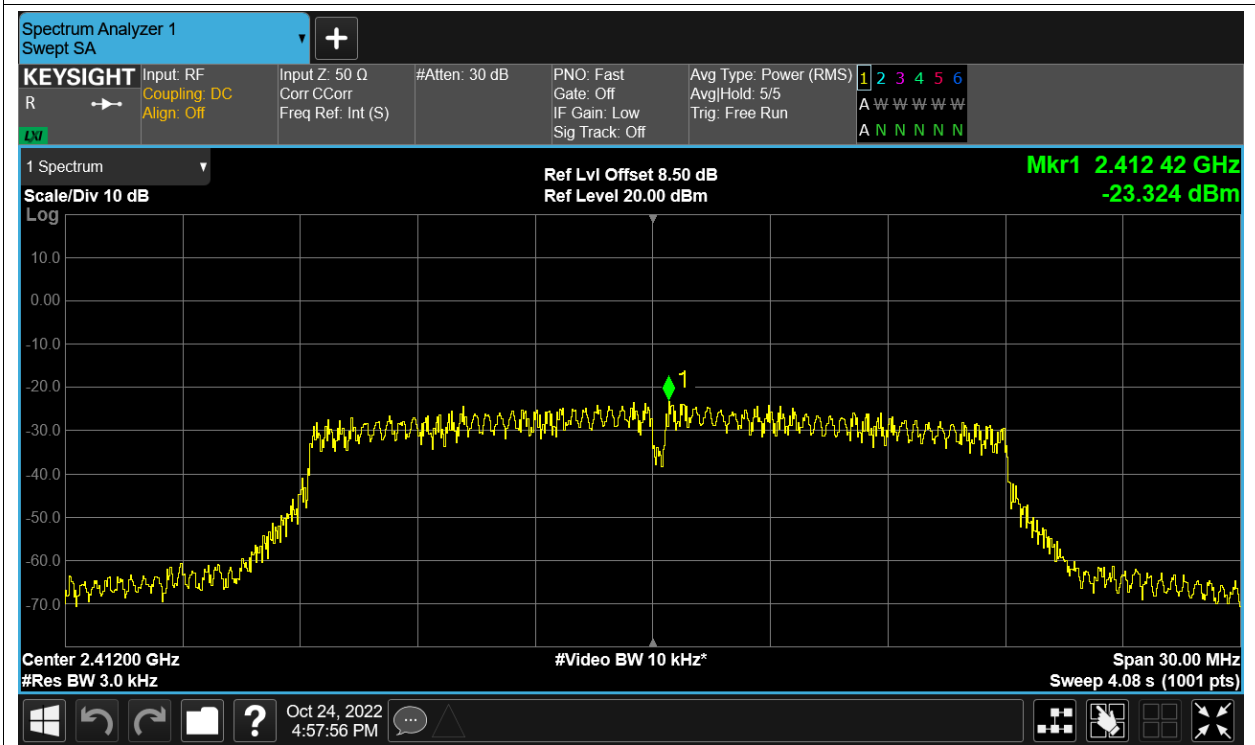
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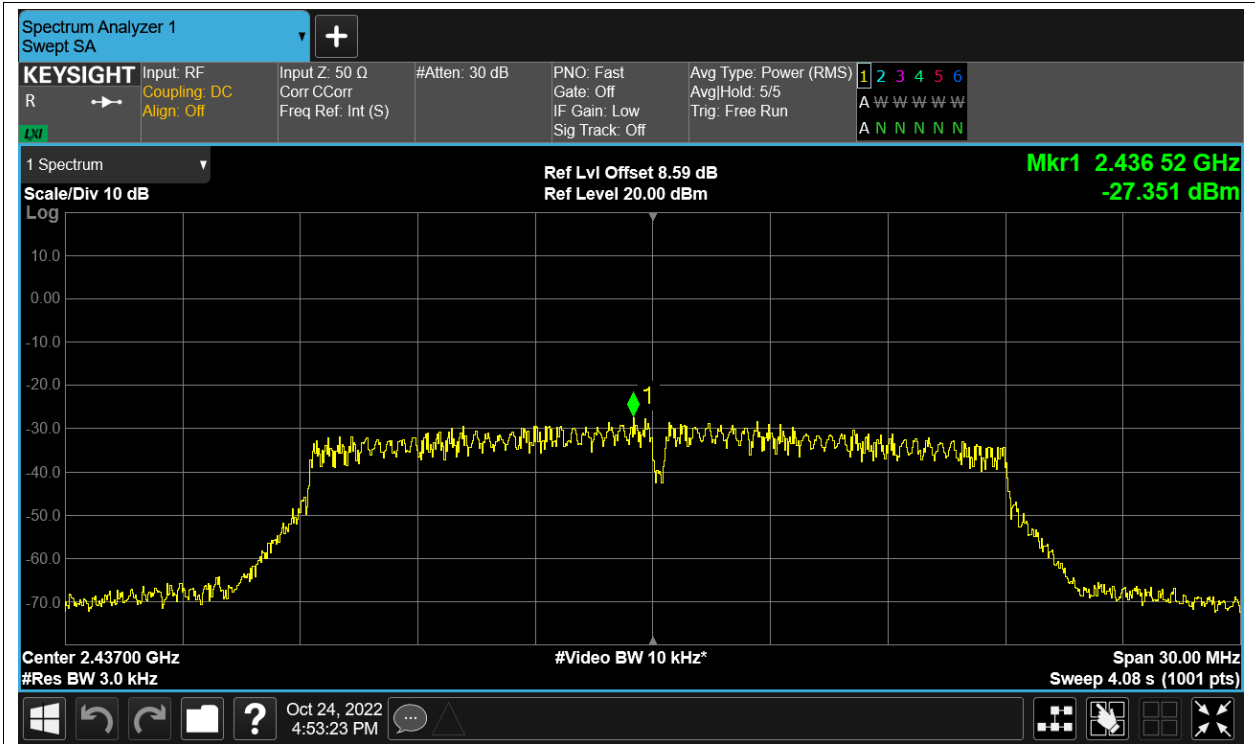
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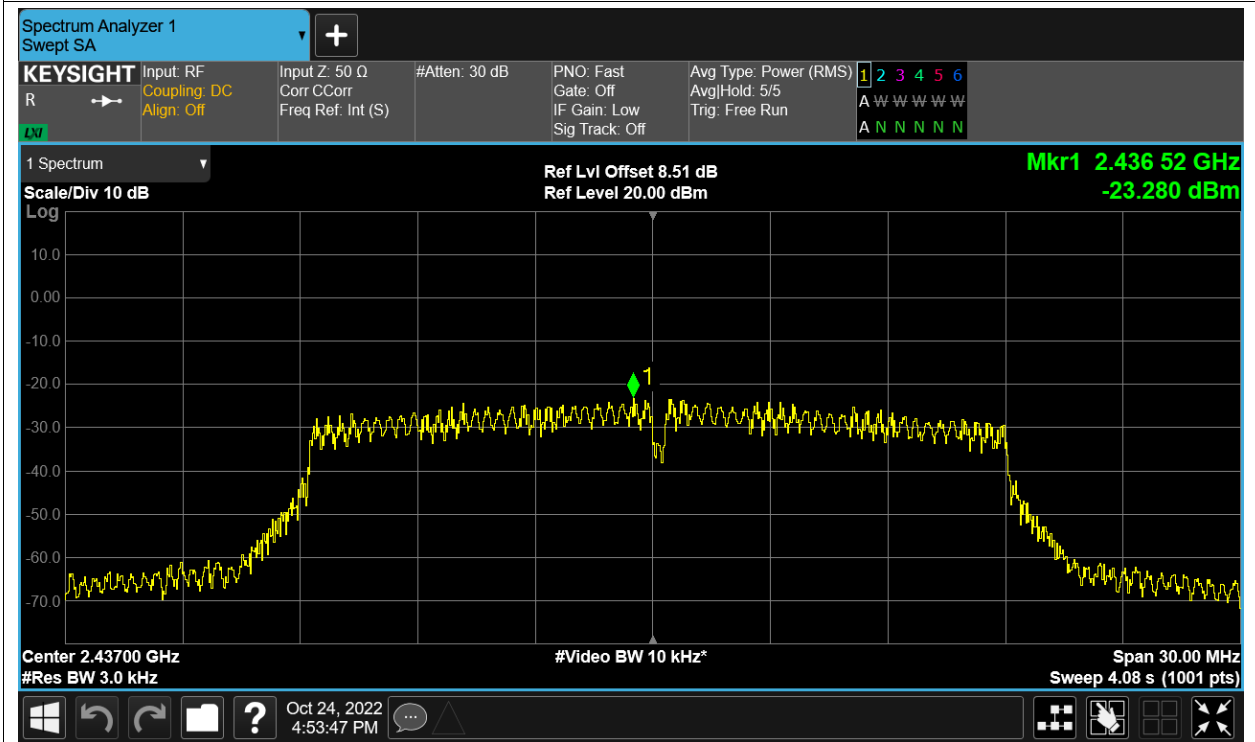
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PSD NVNT n20 2437MHz Ant1



PSD NVNT n20 2437MHz Ant2



PSD NVNT n20 2462MHz Ant1