

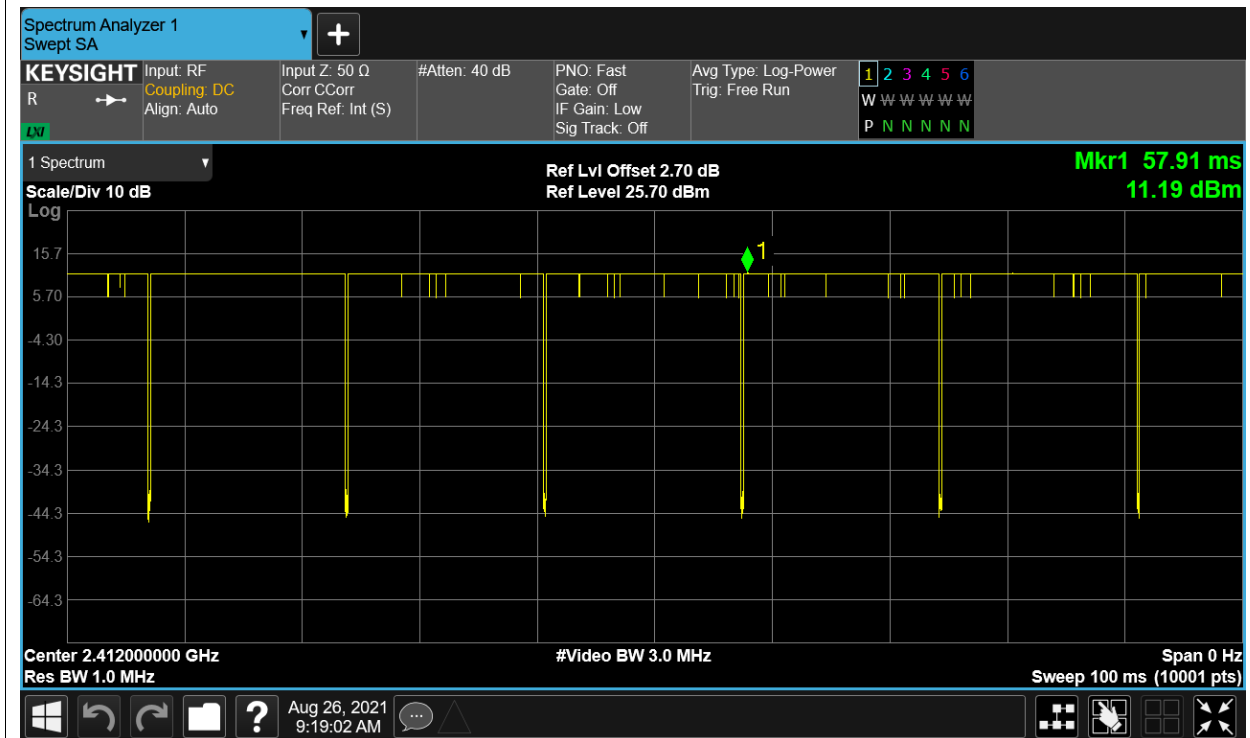
Test Data

Duty Cycle

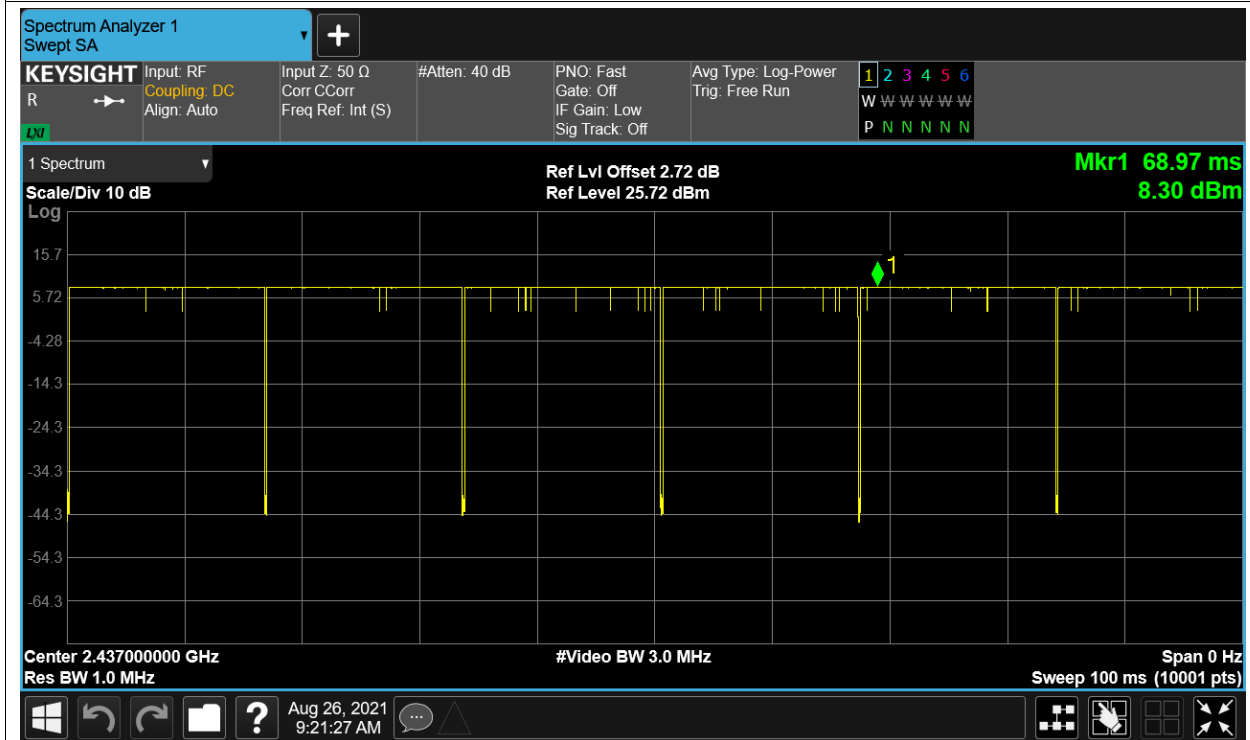
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	b	2412	Ant1	98.8	0.05
NVNT	b	2437	Ant1	98.85	0.05
NVNT	b	2462	Ant1	98.71	0.06
NVNT	g	2412	Ant1	91.22	0.4
NVNT	g	2437	Ant1	91.54	0.38
NVNT	g	2462	Ant1	91.15	0.4
NVNT	n20	2412	Ant1	87.79	0.57
NVNT	n20	2437	Ant1	89.93	0.46
NVNT	n20	2462	Ant1	89.98	0.46
NVNT	n40	2422	Ant1	81.54	0.89
NVNT	n40	2437	Ant1	81.38	0.89
NVNT	n40	2452	Ant1	81.28	0.9

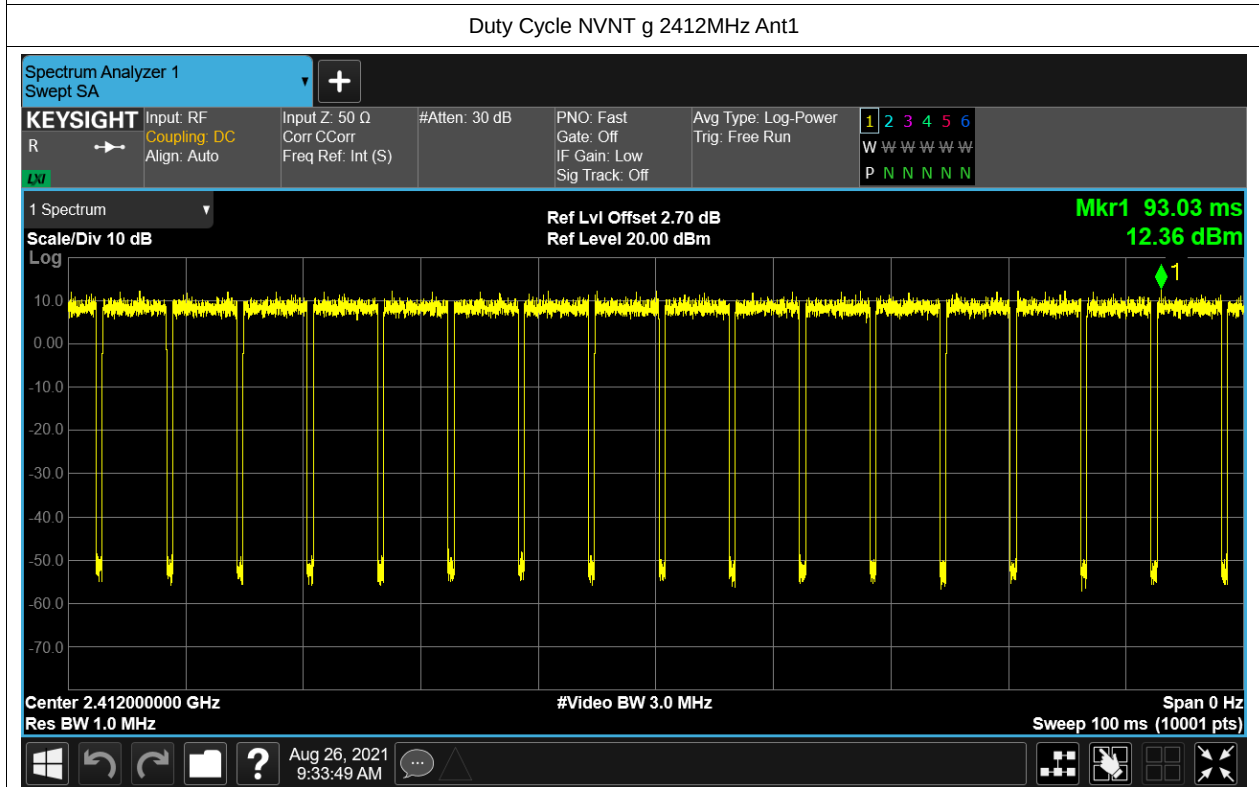
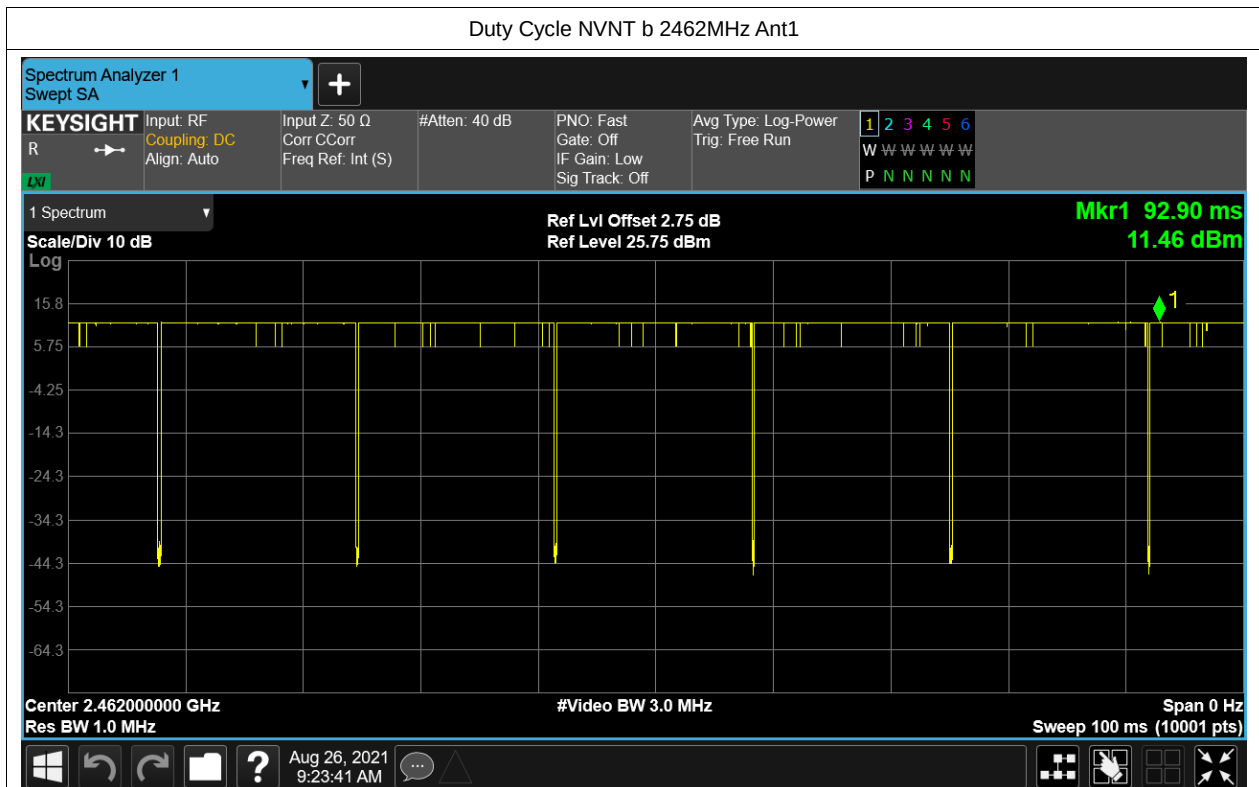
Test Graphs

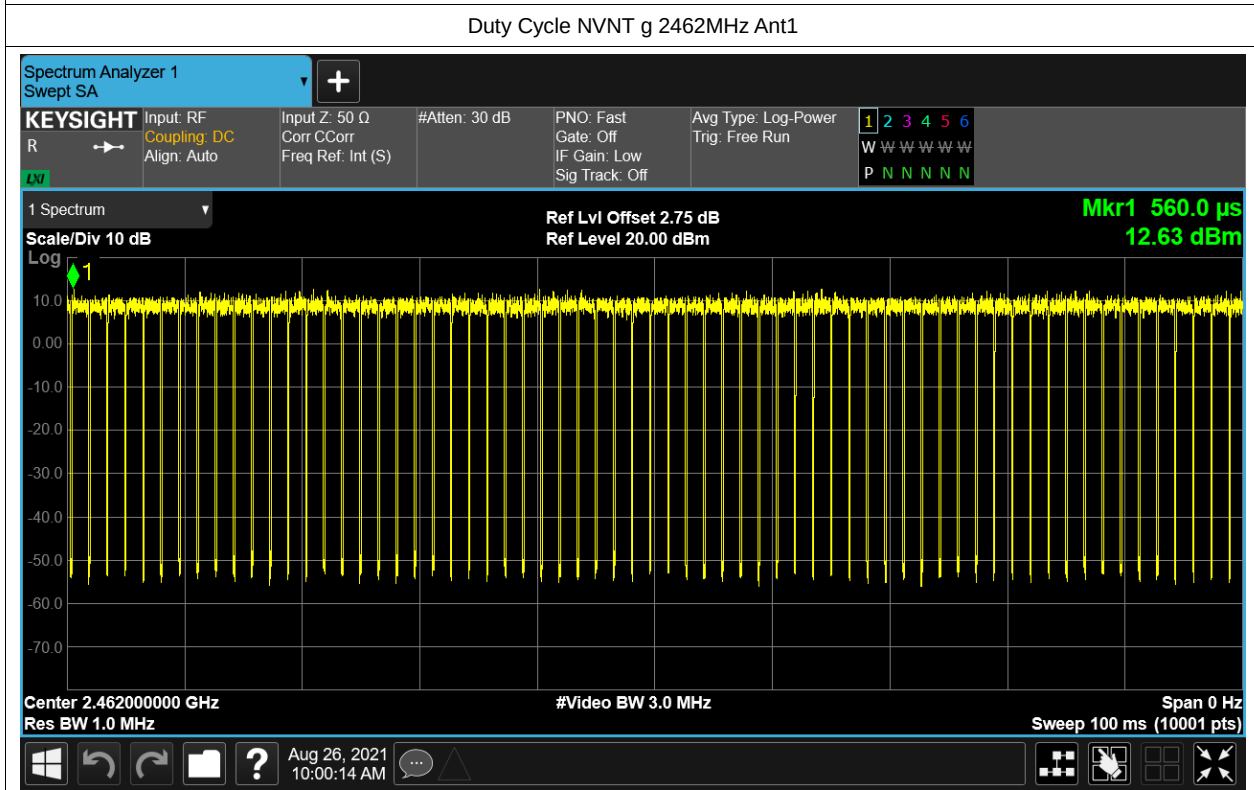
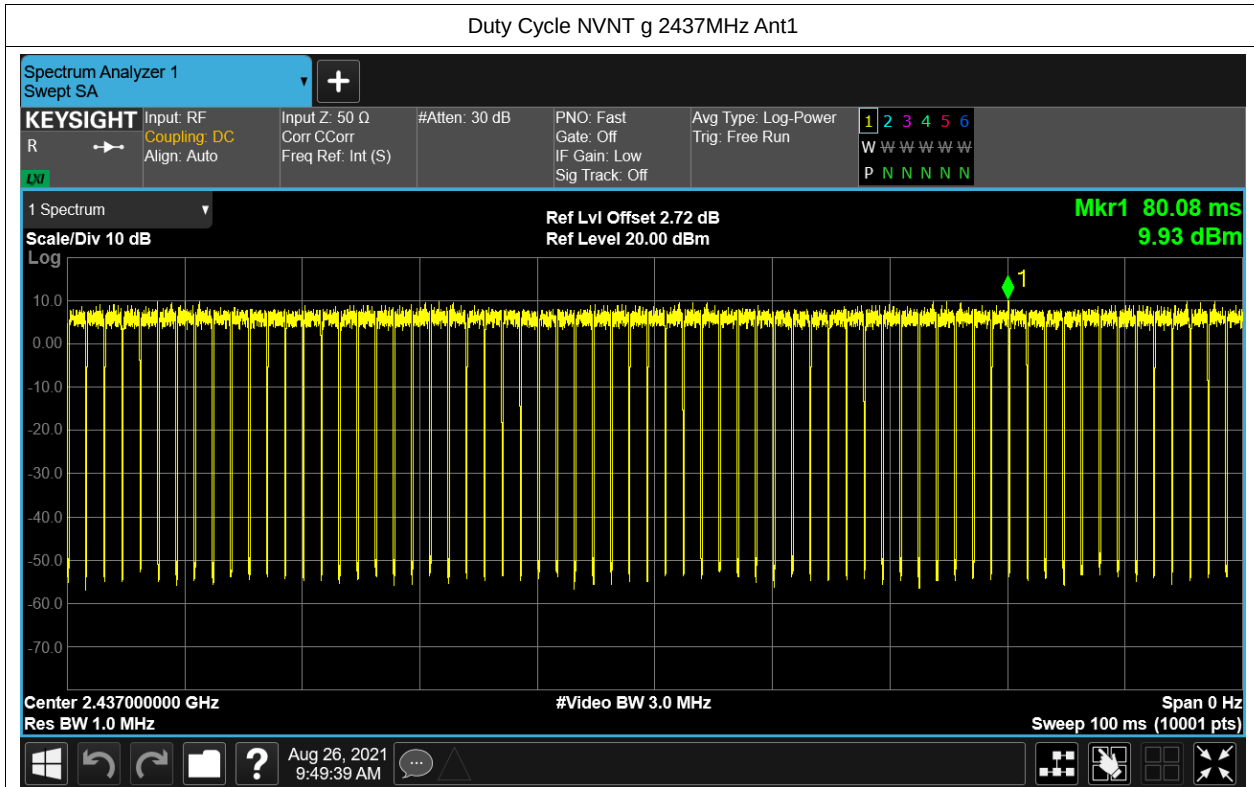
Duty Cycle NVNT b 2412MHz Ant1

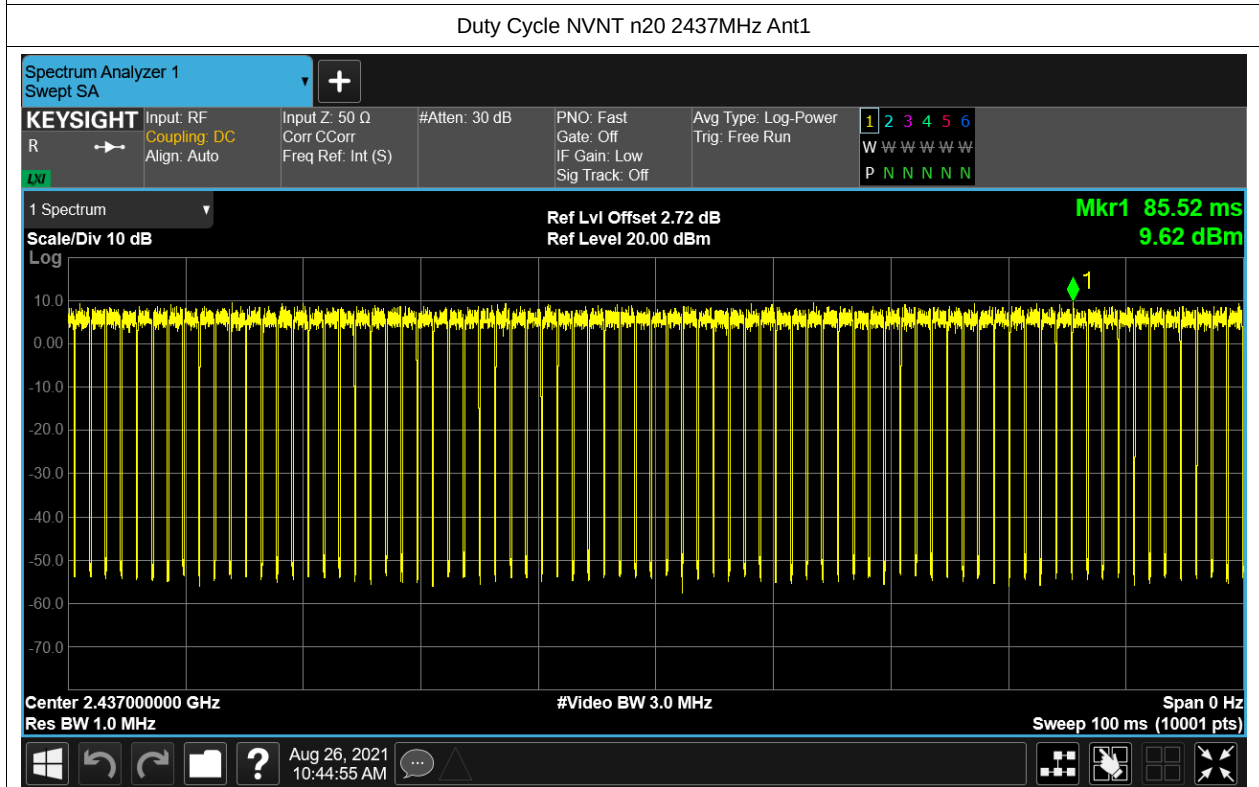
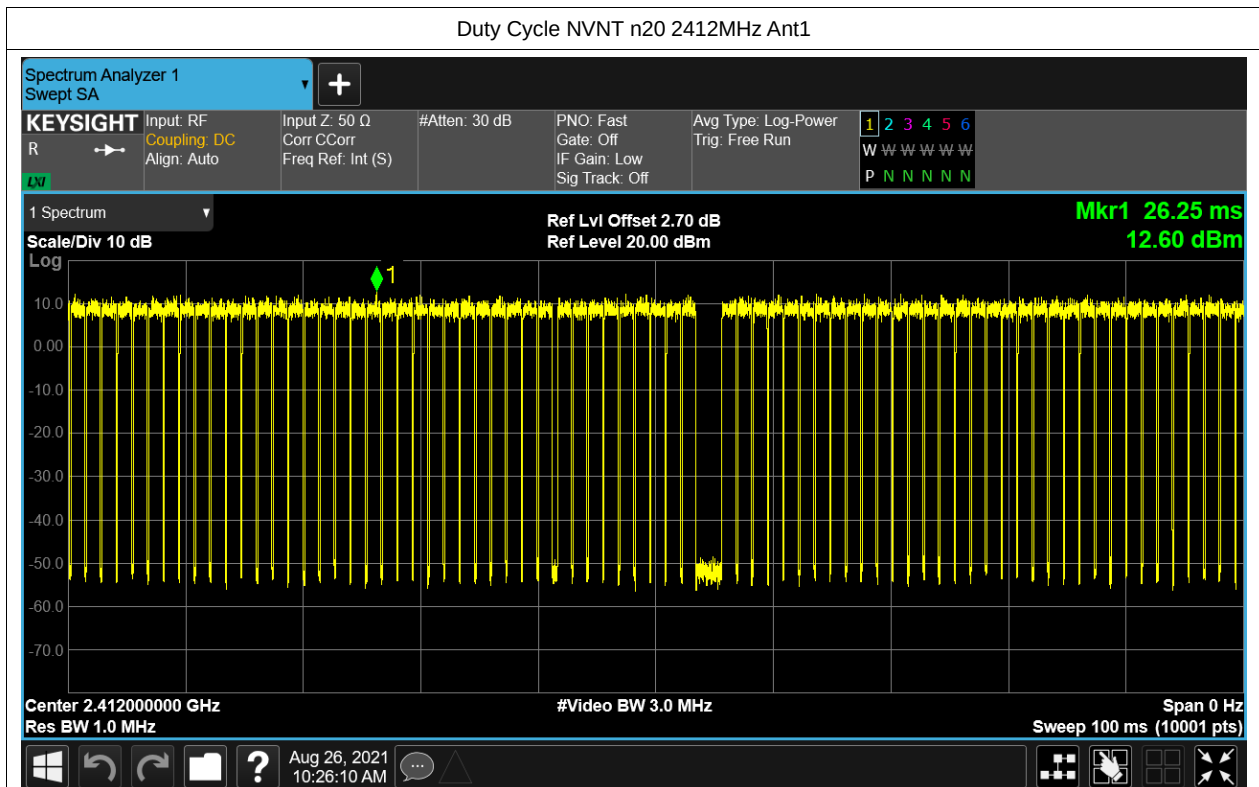


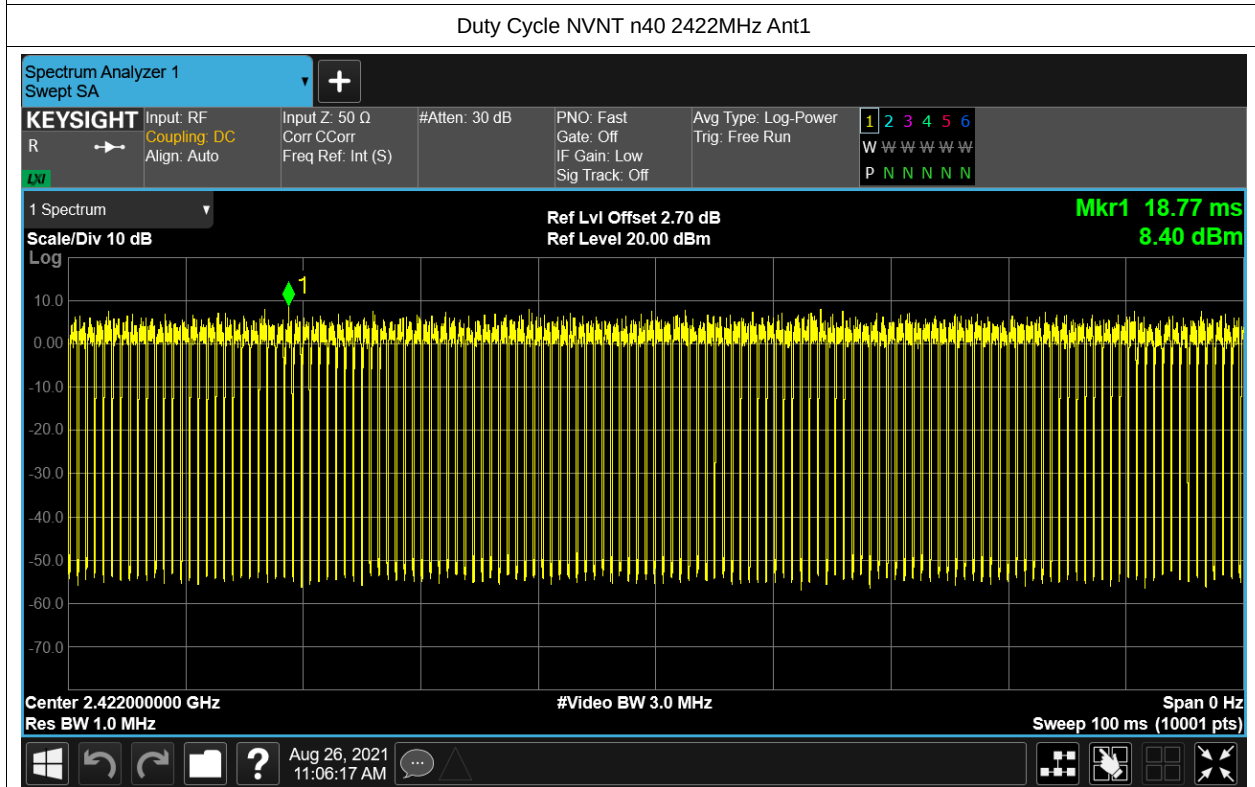
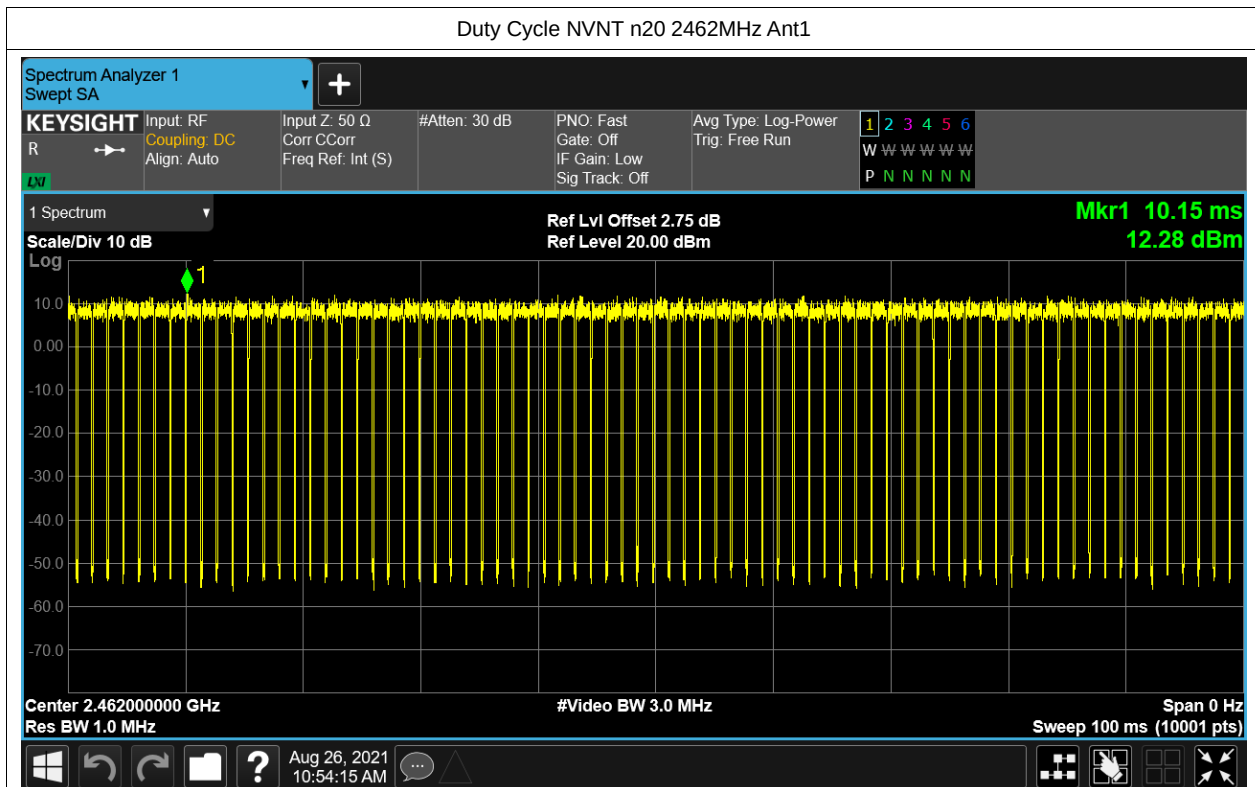
Duty Cycle NVNT b 2437MHz Ant1

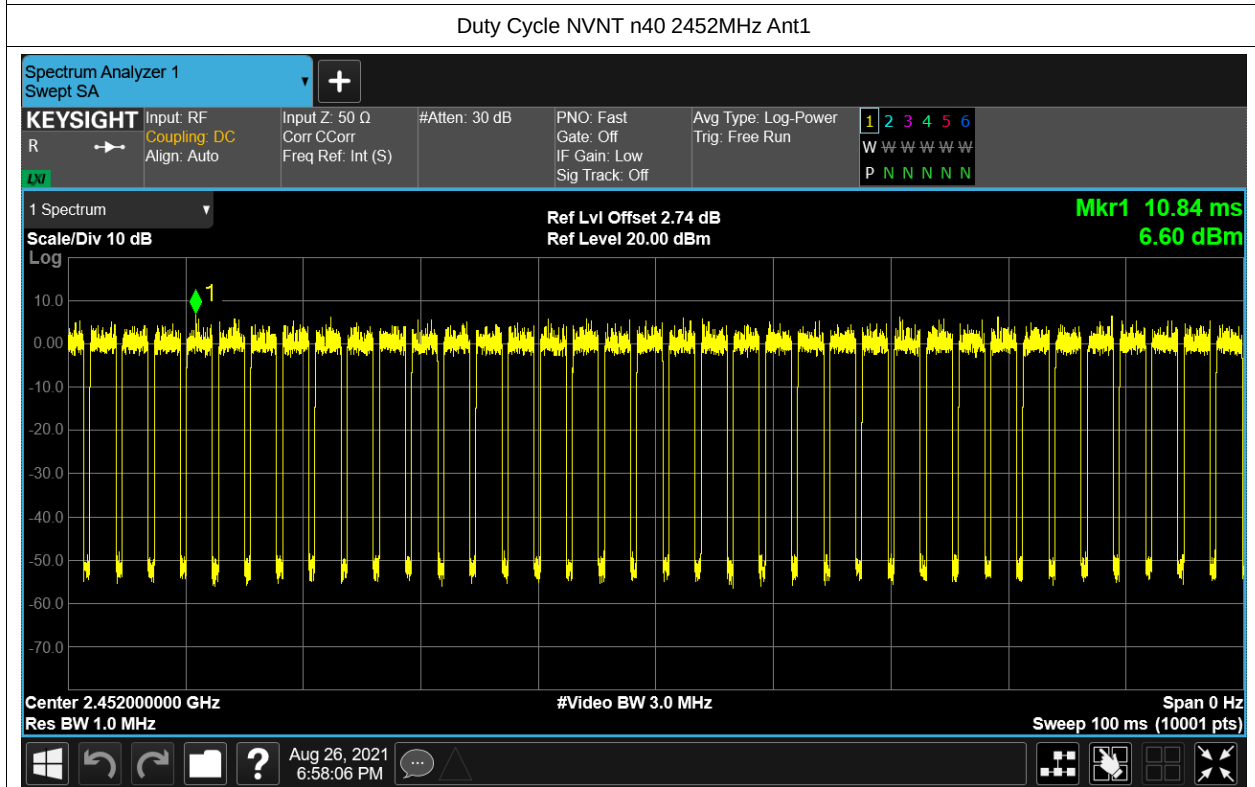
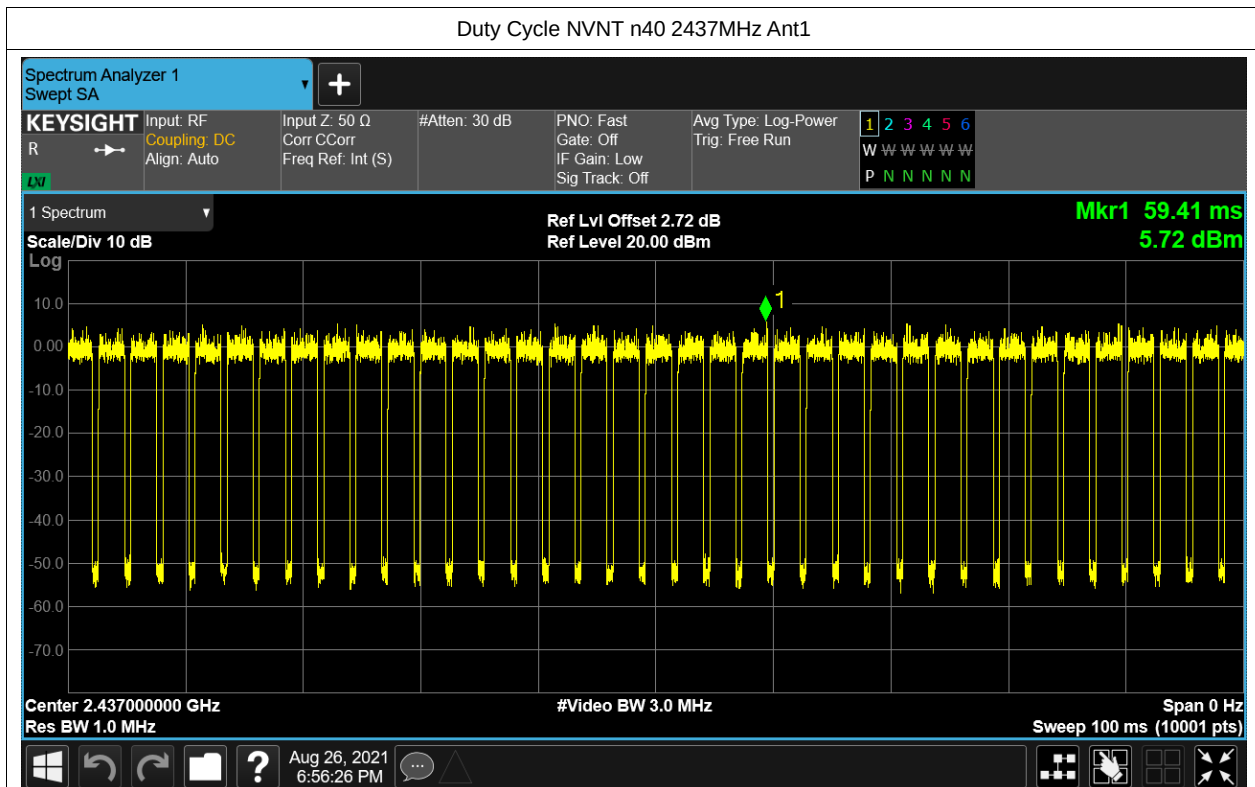












Maximum Conducted Output Power

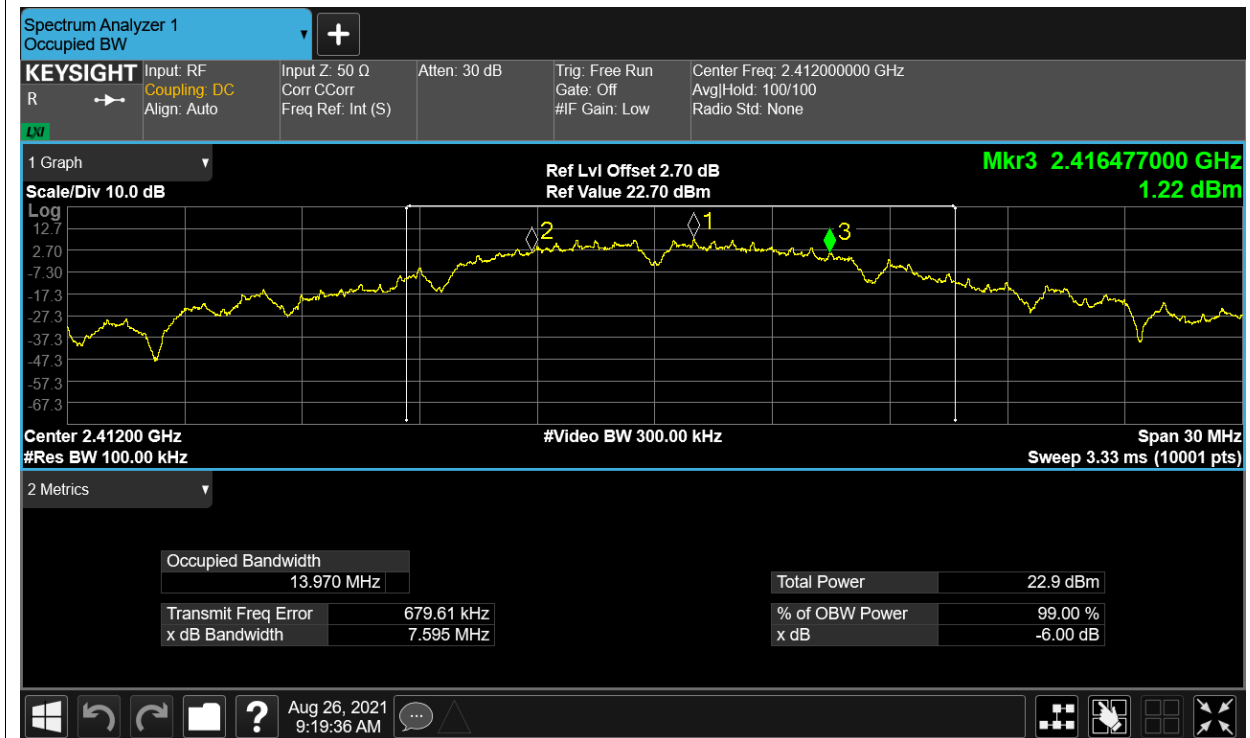
Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Duty Factor (dB)	Total Power (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	16.63	0.05	16.68	30	Pass
NVNT	b	2437	Ant1	13.38	0.05	13.43	30	Pass
NVNT	b	2462	Ant1	16.94	0.06	17	30	Pass
NVNT	g	2412	Ant1	15.44	0.4	15.84	30	Pass
NVNT	g	2437	Ant1	12.97	0.38	13.35	30	Pass
NVNT	g	2462	Ant1	15.87	0.4	16.27	30	Pass
NVNT	n20	2412	Ant1	16.3	0.57	16.87	30	Pass
NVNT	n20	2437	Ant1	12.9	0.46	13.36	30	Pass
NVNT	n20	2462	Ant1	15.63	0.46	16.09	30	Pass
NVNT	n40	2422	Ant1	15.61	0.89	16.5	30	Pass
NVNT	n40	2437	Ant1	13.61	0.89	14.5	30	Pass
NVNT	n40	2452	Ant1	14.35	0.9	15.25	30	Pass

-6dB Bandwidth

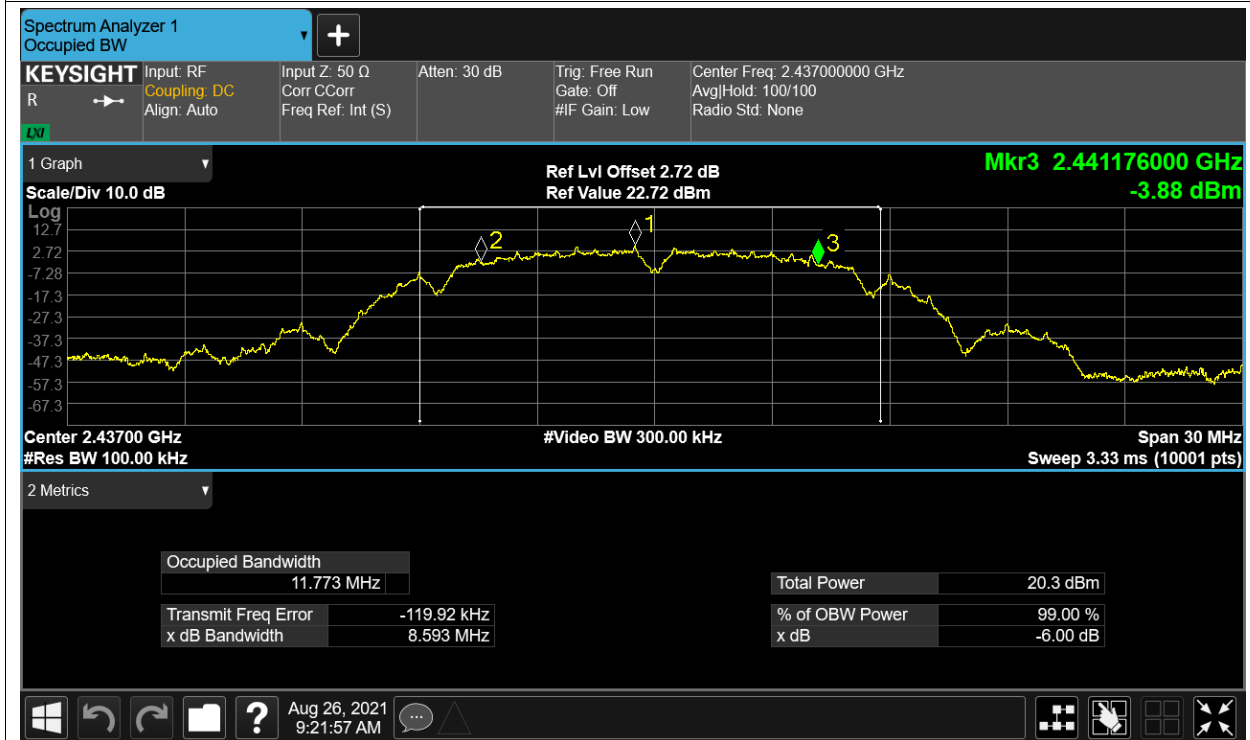
Condition	Mode	Frequency (MHz)	Antenna	-6 dB Bandwidth (MHz)	Limit -6 dB Bandwidth (MHz)	Verdict
NVNT	b	2412	Ant1	7.595	0.5	Pass
NVNT	b	2437	Ant1	8.593	0.5	Pass
NVNT	b	2462	Ant1	8.041	0.5	Pass
NVNT	g	2412	Ant1	13.792	0.5	Pass
NVNT	g	2437	Ant1	15.923	0.5	Pass
NVNT	g	2462	Ant1	16.376	0.5	Pass
NVNT	n20	2412	Ant1	29.935	0.5	Pass
NVNT	n20	2437	Ant1	16.42	0.5	Pass
NVNT	n20	2462	Ant1	16.134	0.5	Pass
NVNT	n40	2422	Ant1	35.024	0.5	Pass
NVNT	n40	2437	Ant1	35.146	0.5	Pass
NVNT	n40	2452	Ant1	35.473	0.5	Pass

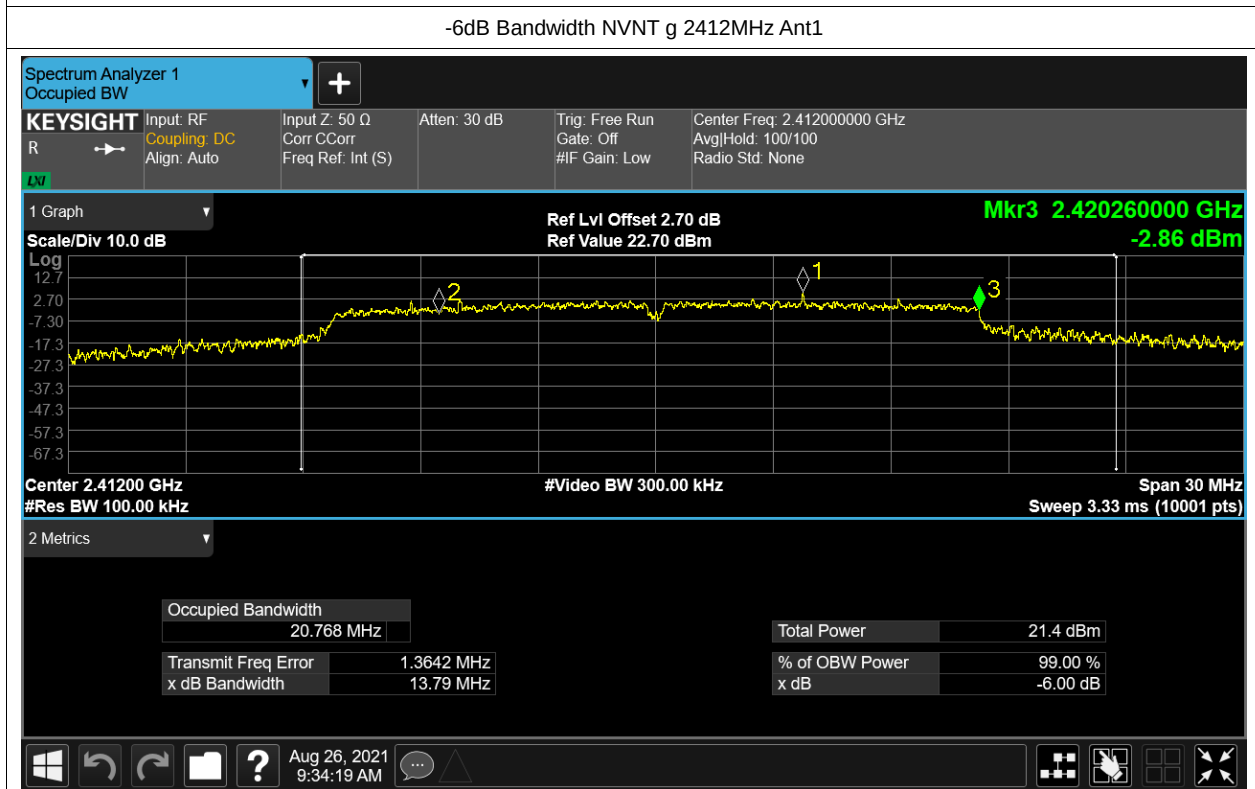
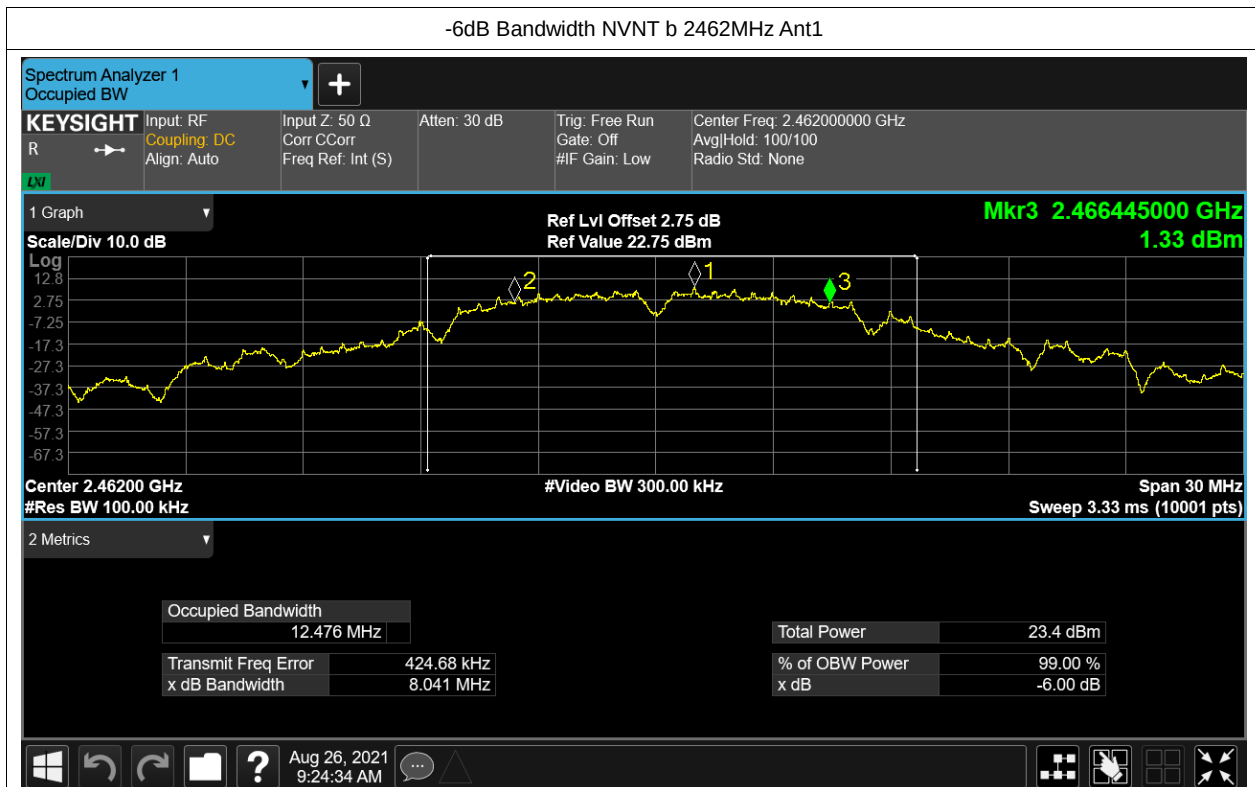
Test Graphs

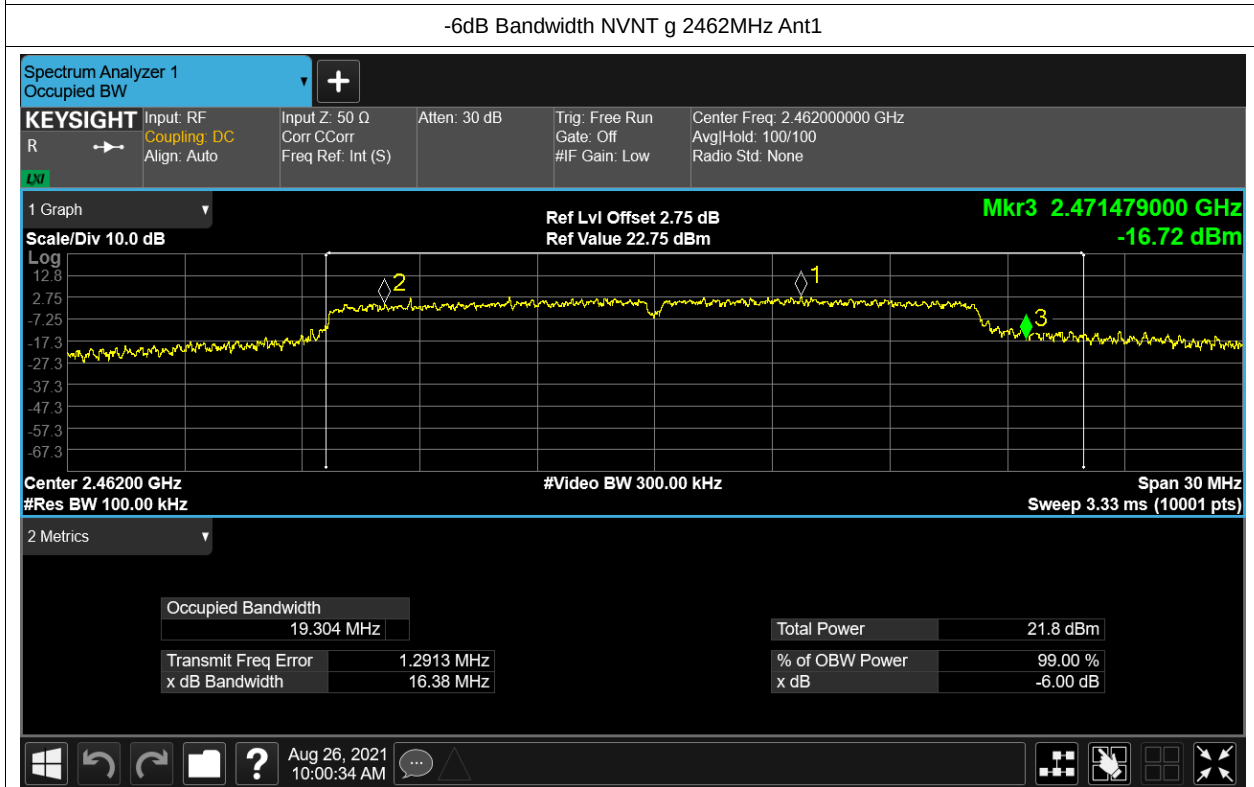
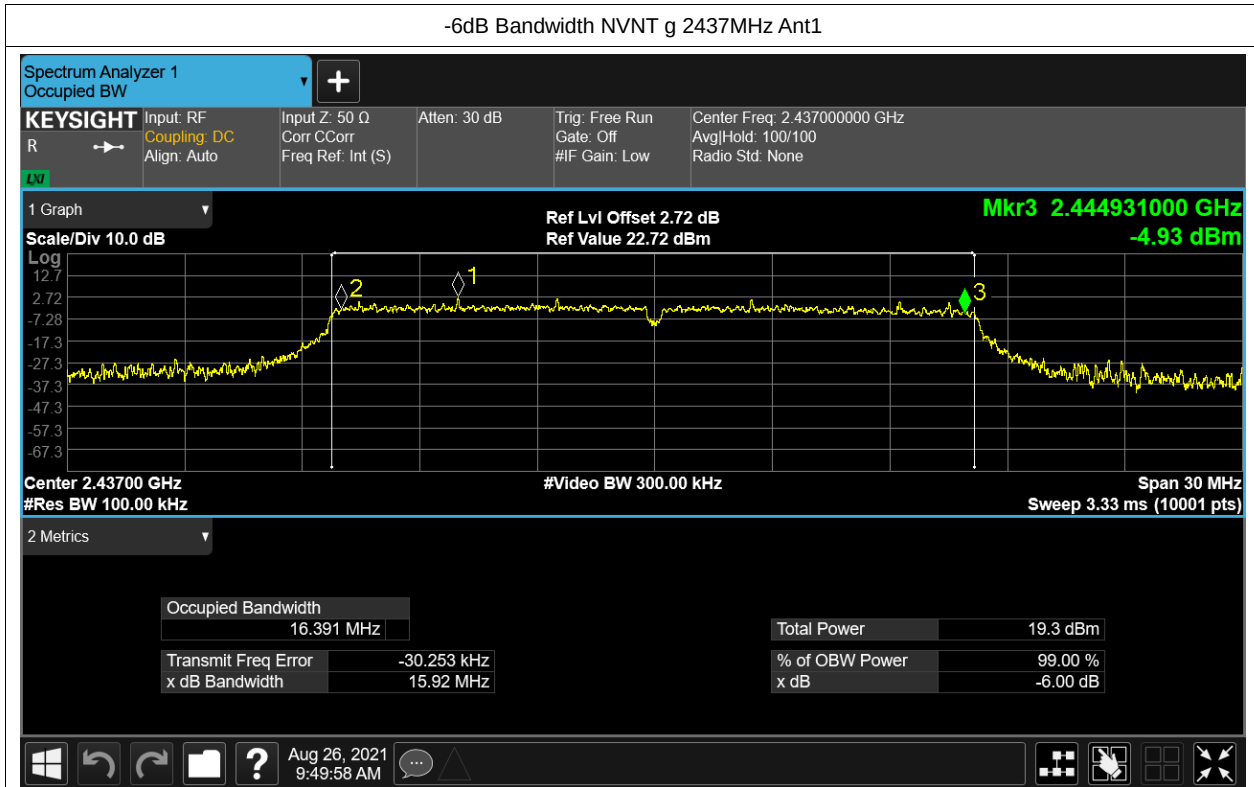
-6dB Bandwidth NVNT b 2412MHz Ant1

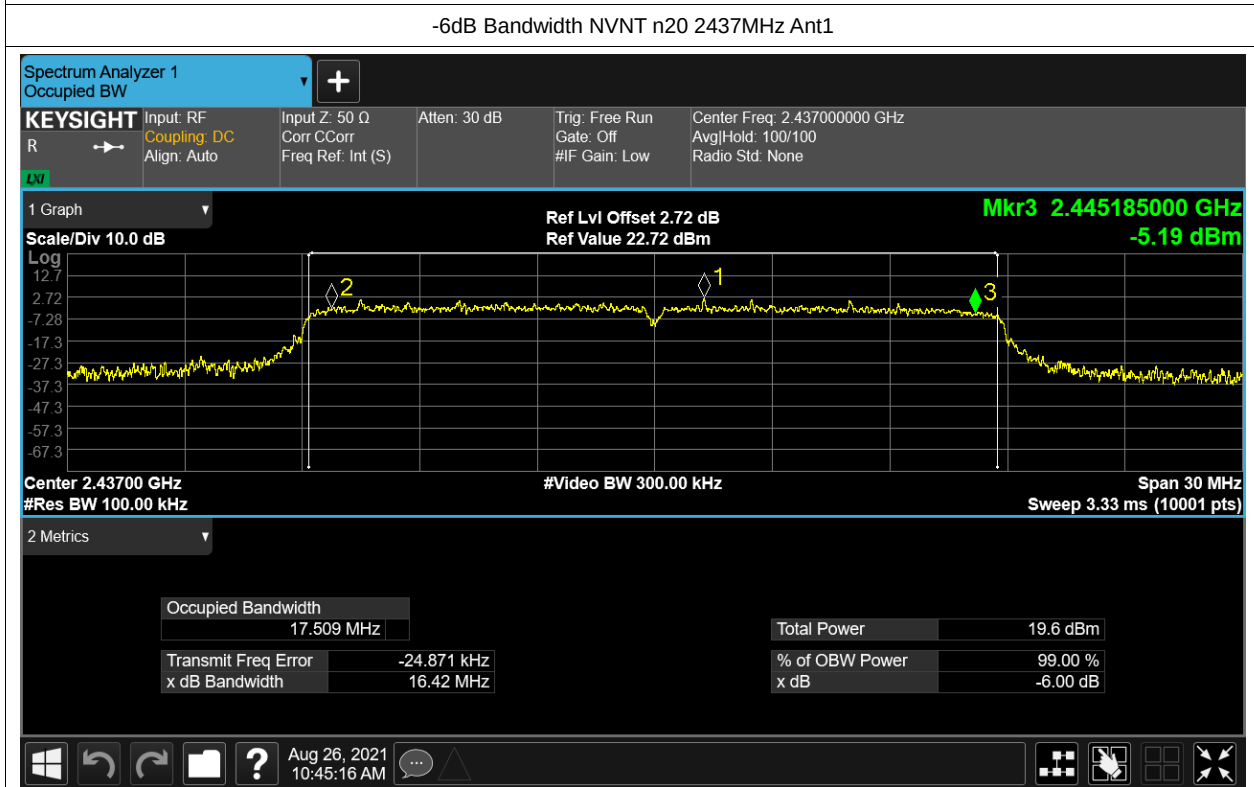
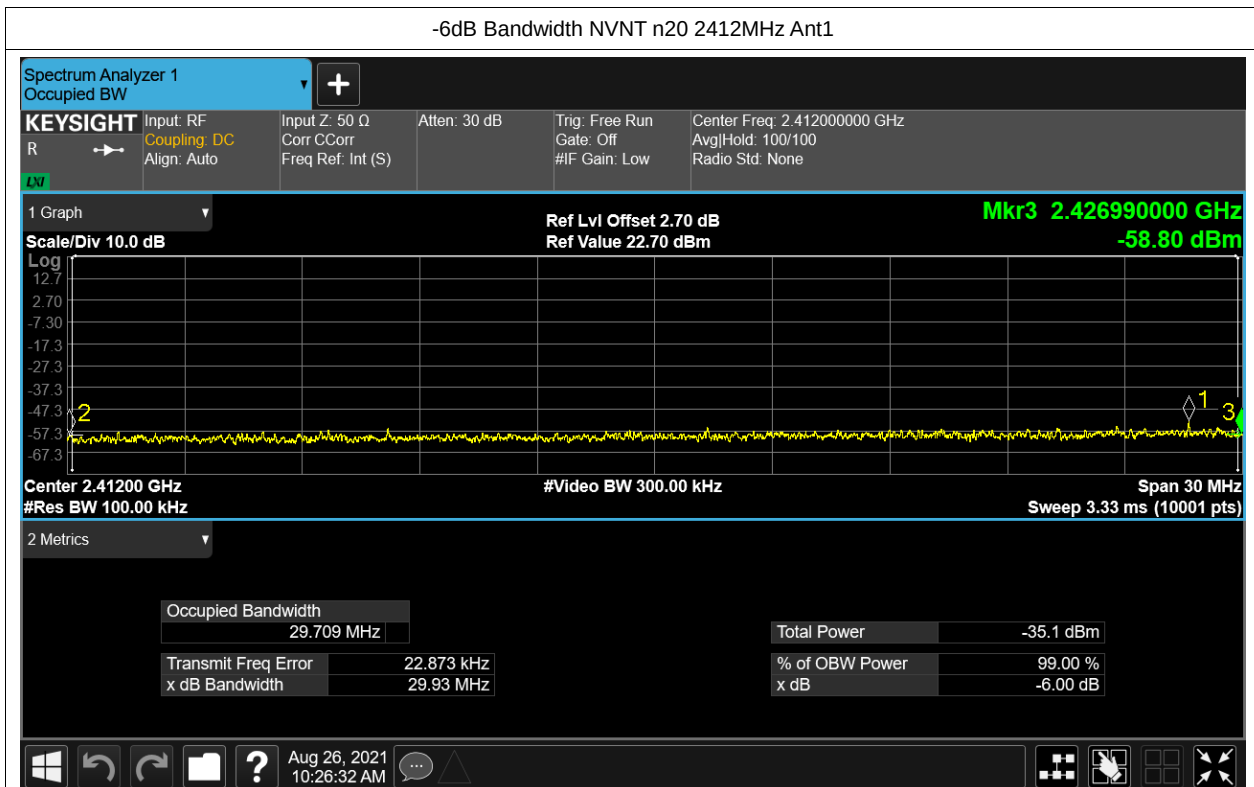


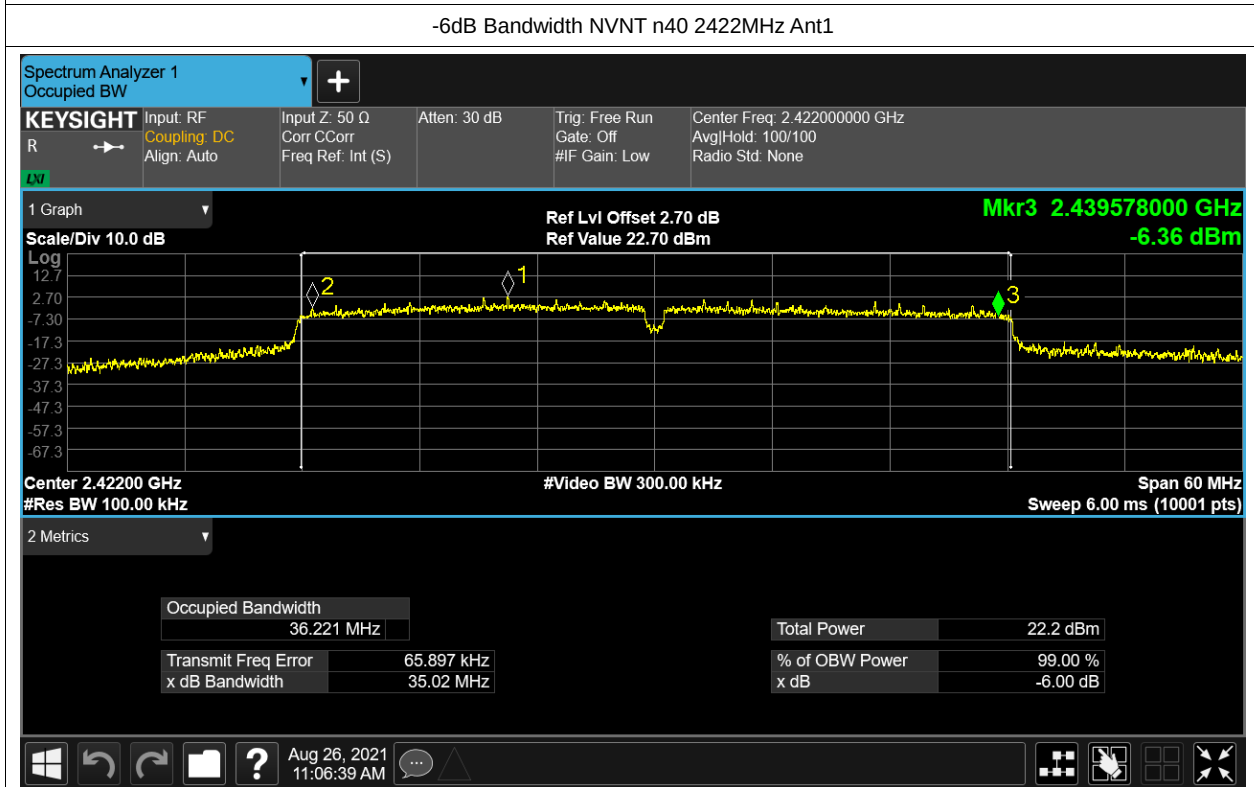
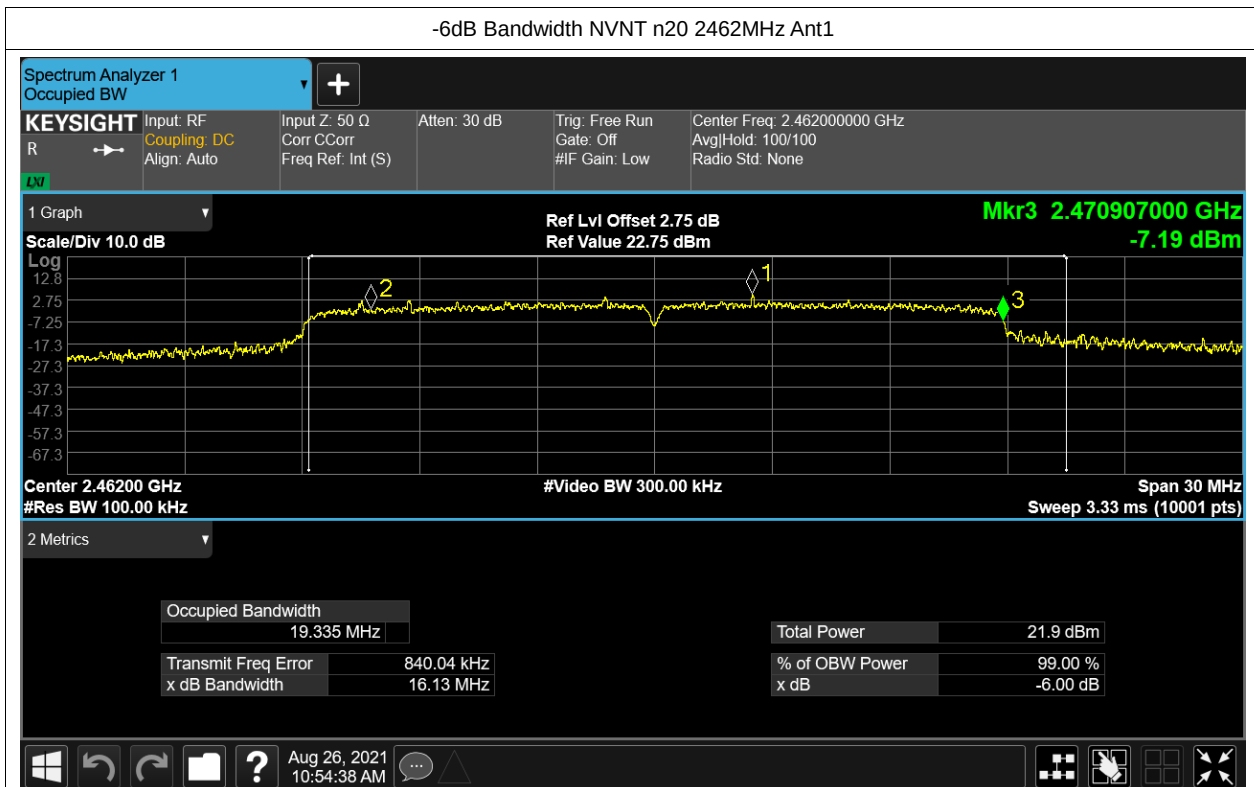
-6dB Bandwidth NVNT b 2437MHz Ant1

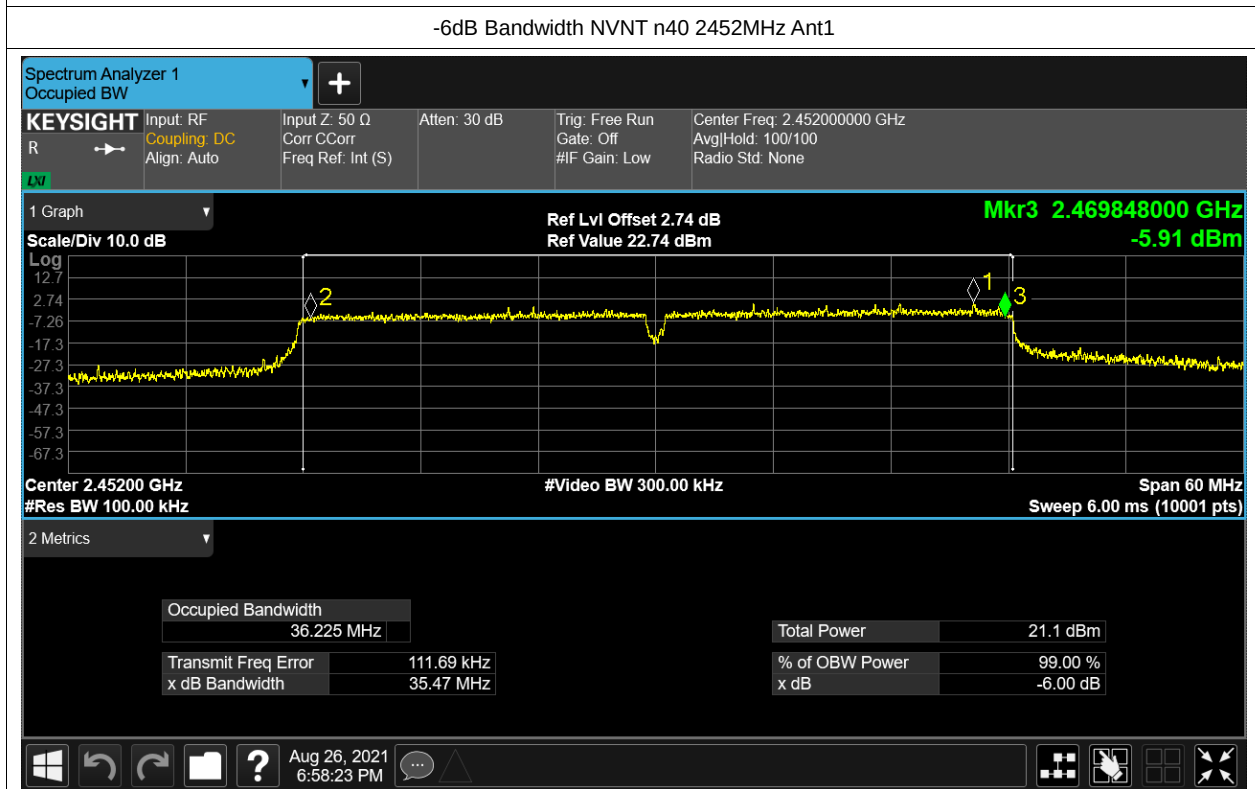
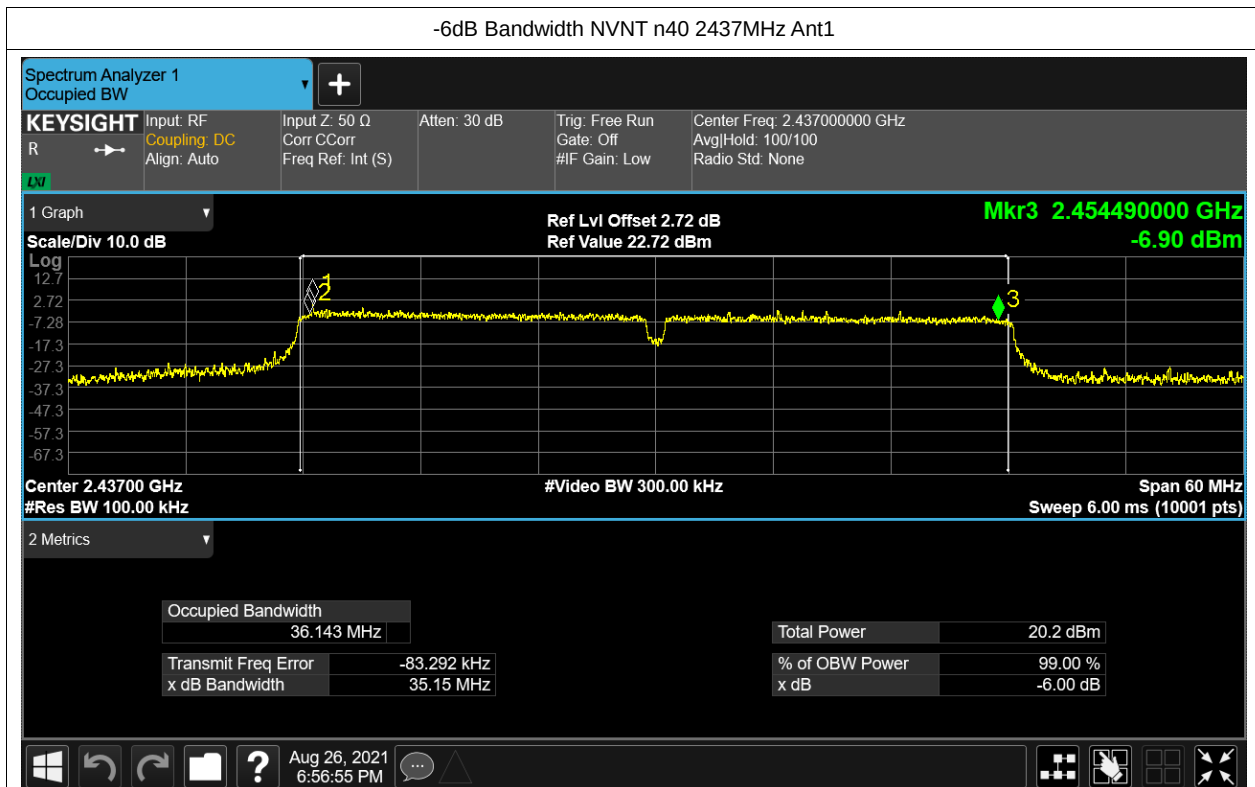










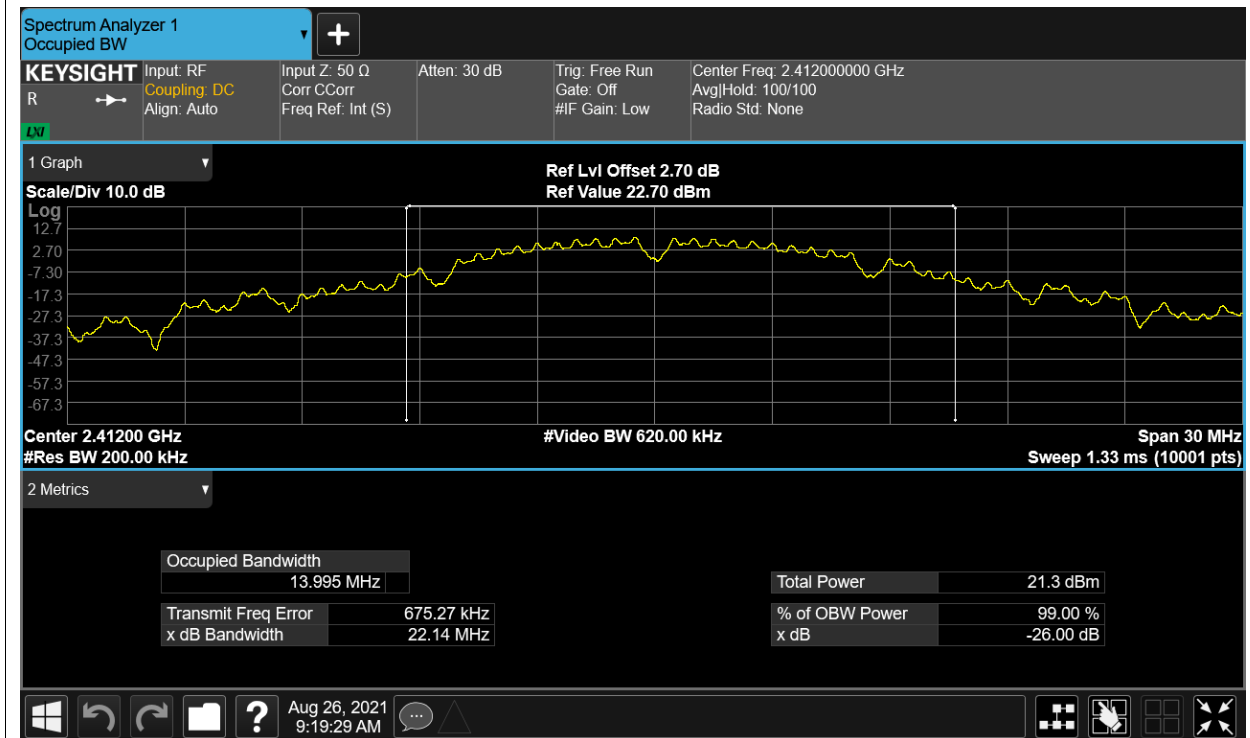


Occupied Channel Bandwidth

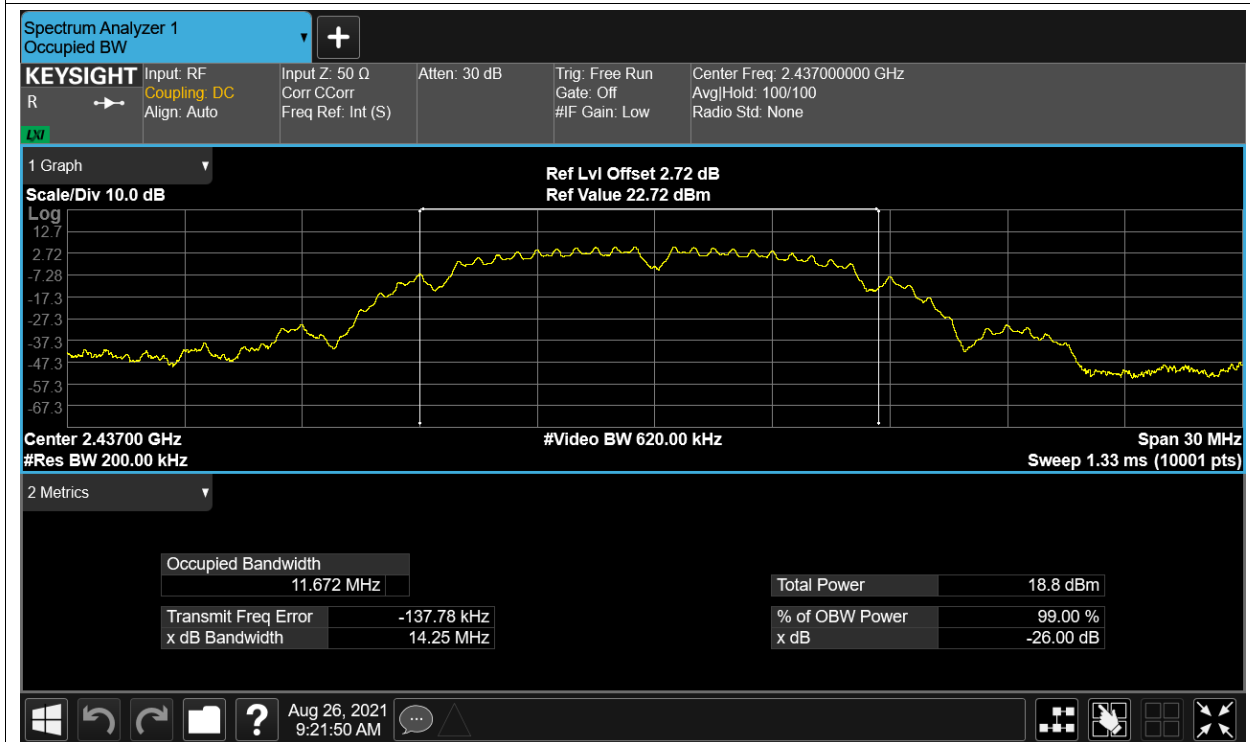
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	b	2412	Ant1	13.99467442
NVNT	b	2437	Ant1	11.67229786
NVNT	b	2462	Ant1	12.50939814
NVNT	g	2412	Ant1	20.9304079
NVNT	g	2437	Ant1	16.47803583
NVNT	g	2462	Ant1	19.42085684
NVNT	n20	2412	Ant1	22.00960951
NVNT	n20	2437	Ant1	17.54816474
NVNT	n20	2462	Ant1	19.62867696
NVNT	n40	2422	Ant1	36.44662911
NVNT	n40	2437	Ant1	36.30092573
NVNT	n40	2452	Ant1	36.41743721

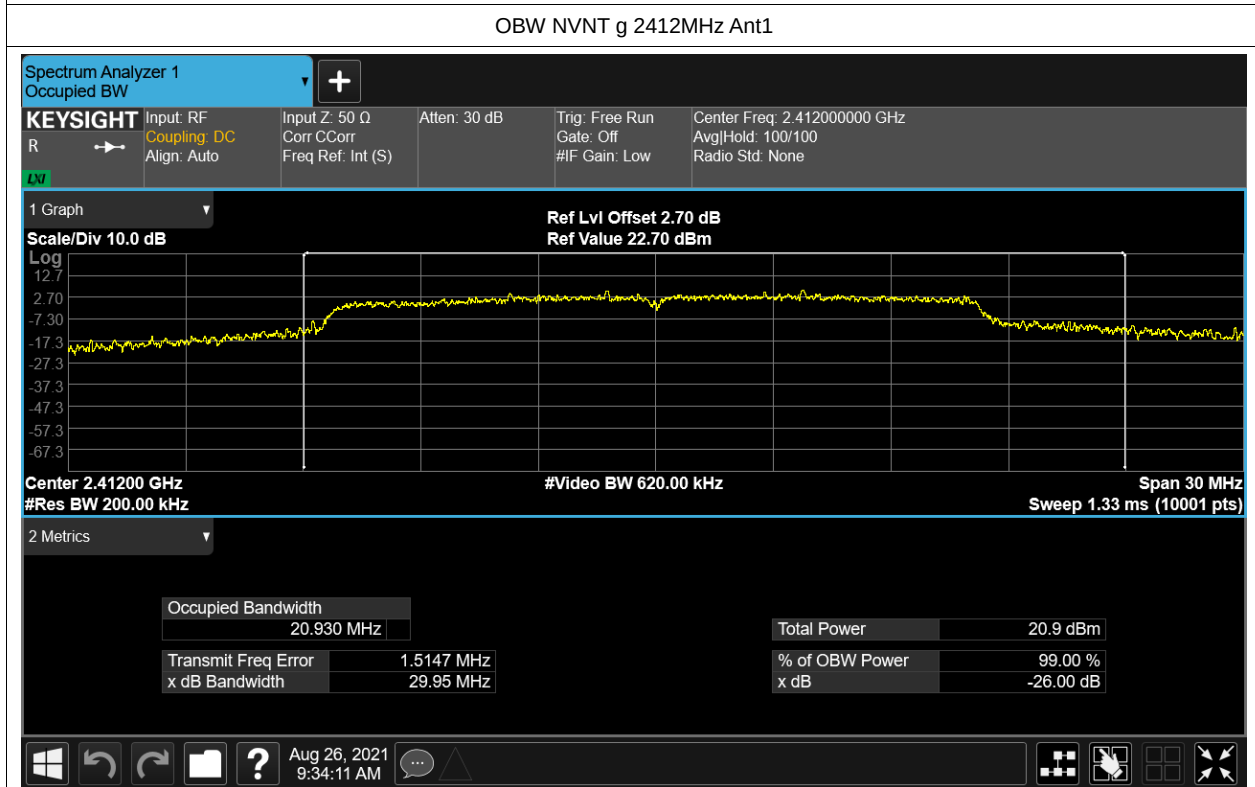
Test Graphs

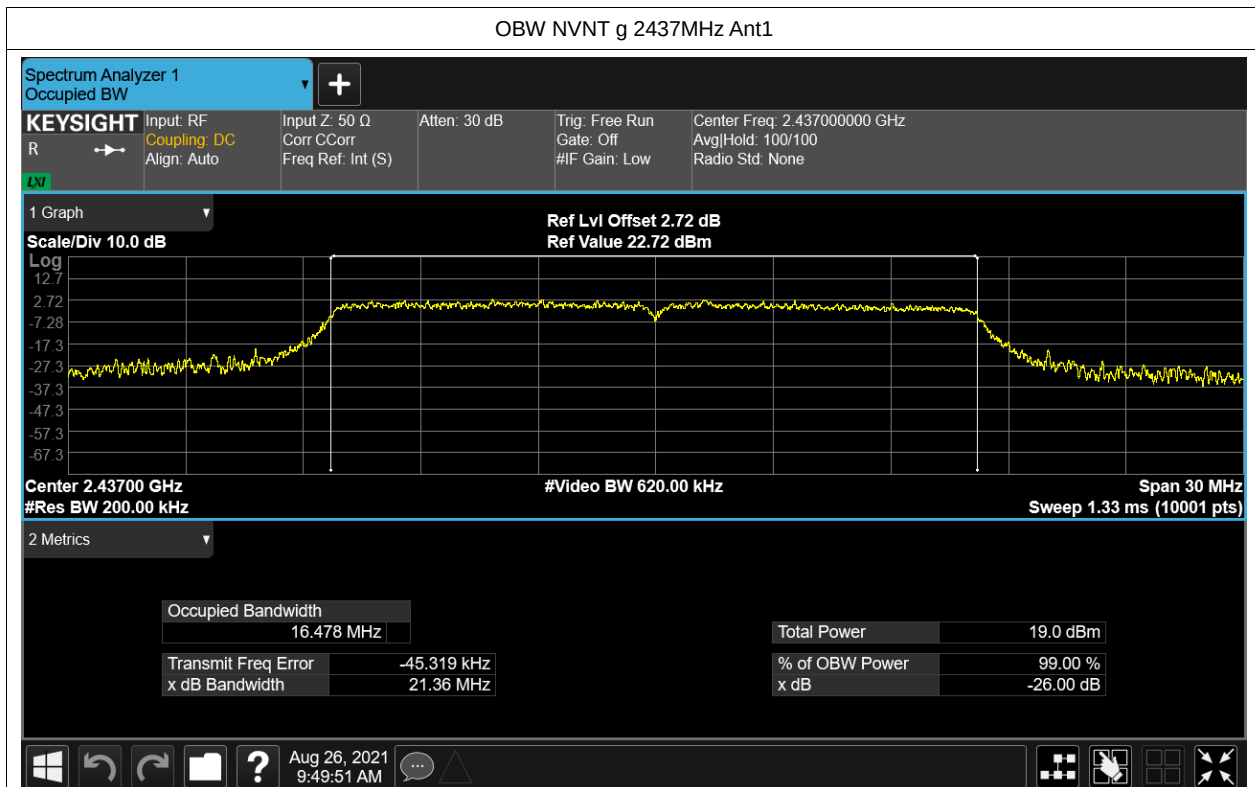
OBW NVNT b 2412MHz Ant1

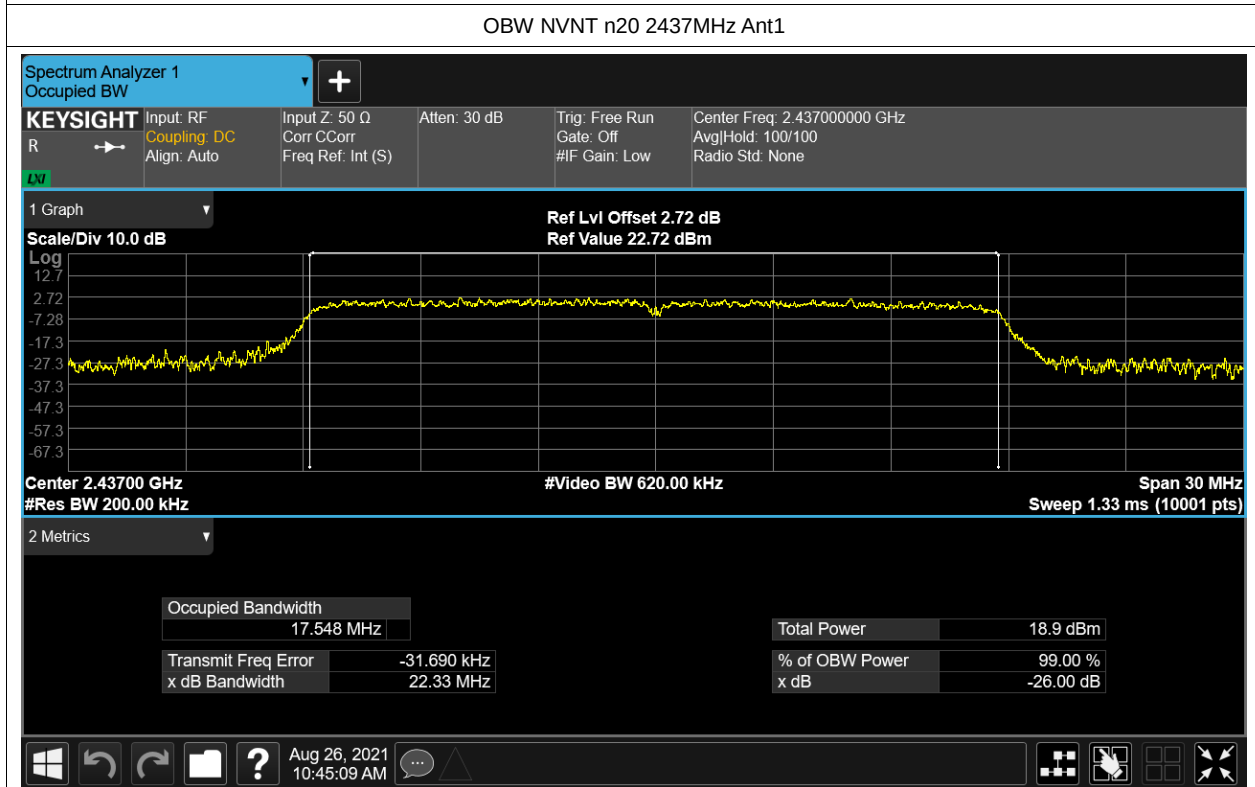
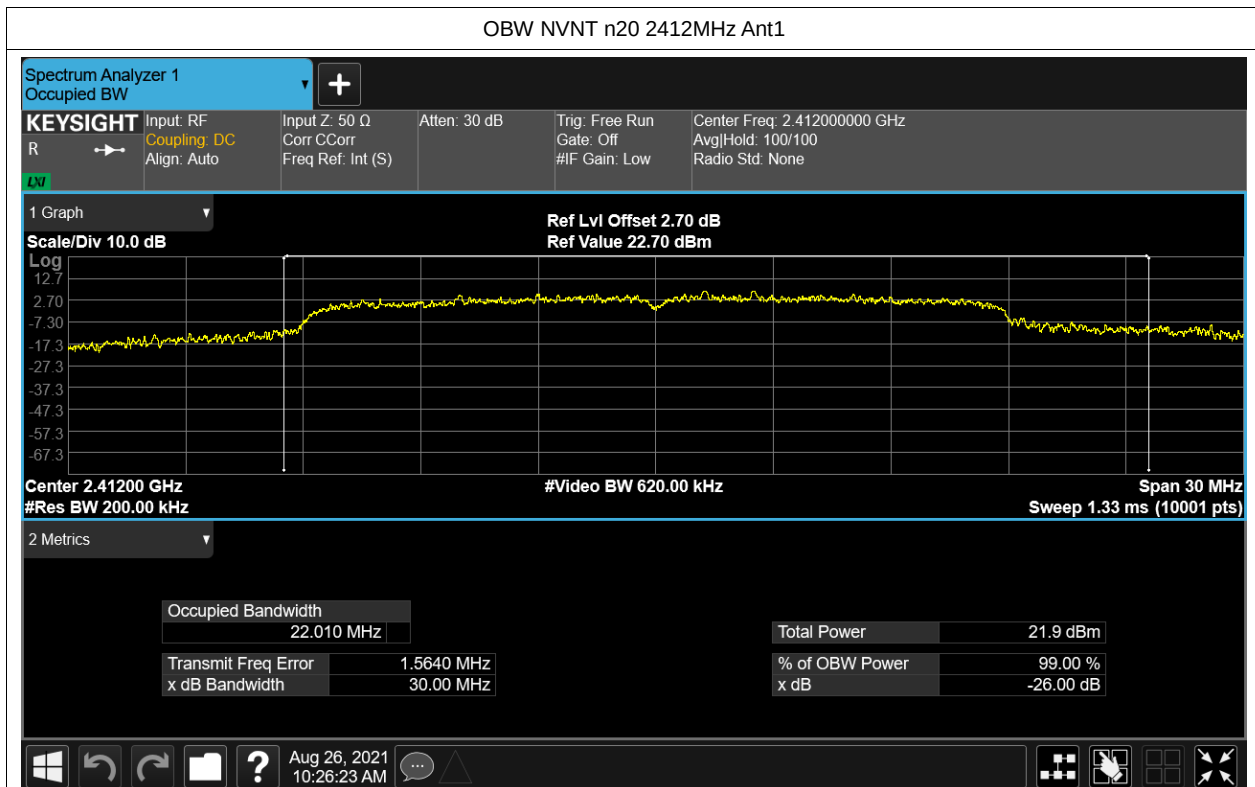


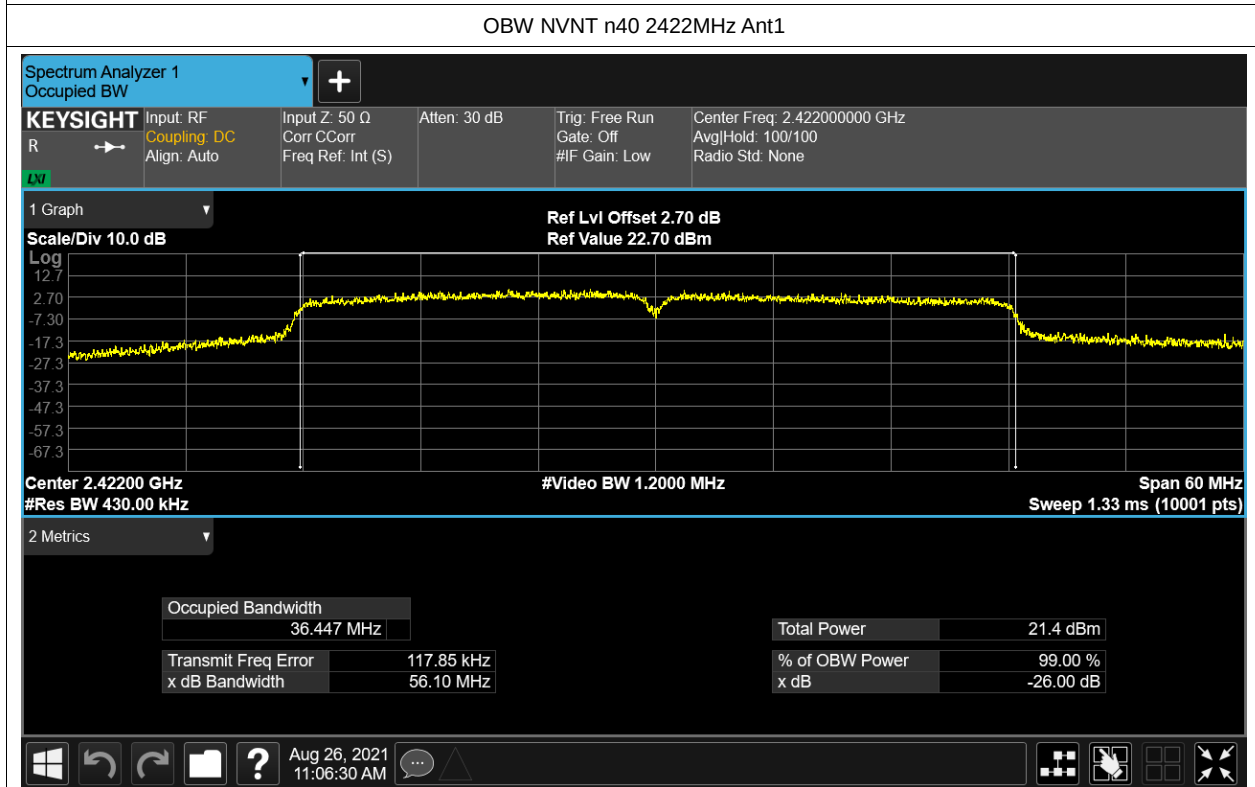
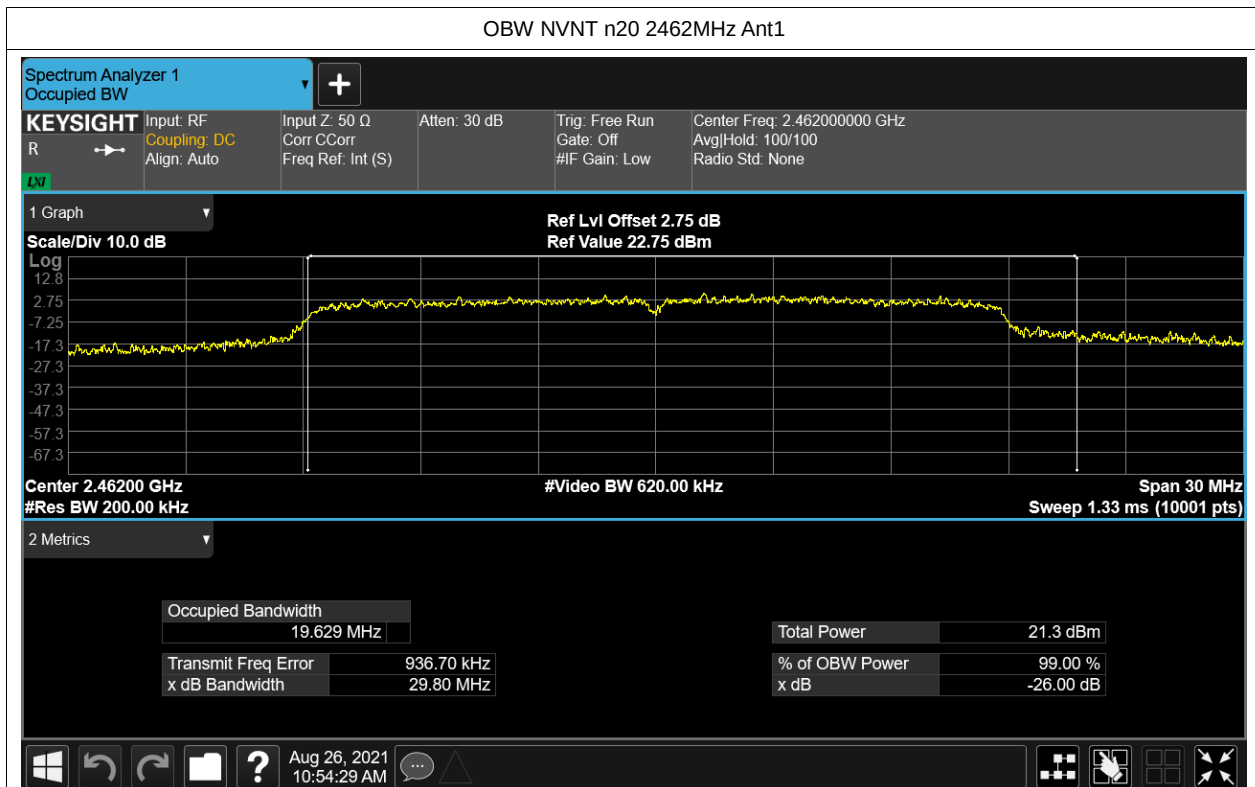
OBW NVNT b 2437MHz Ant1

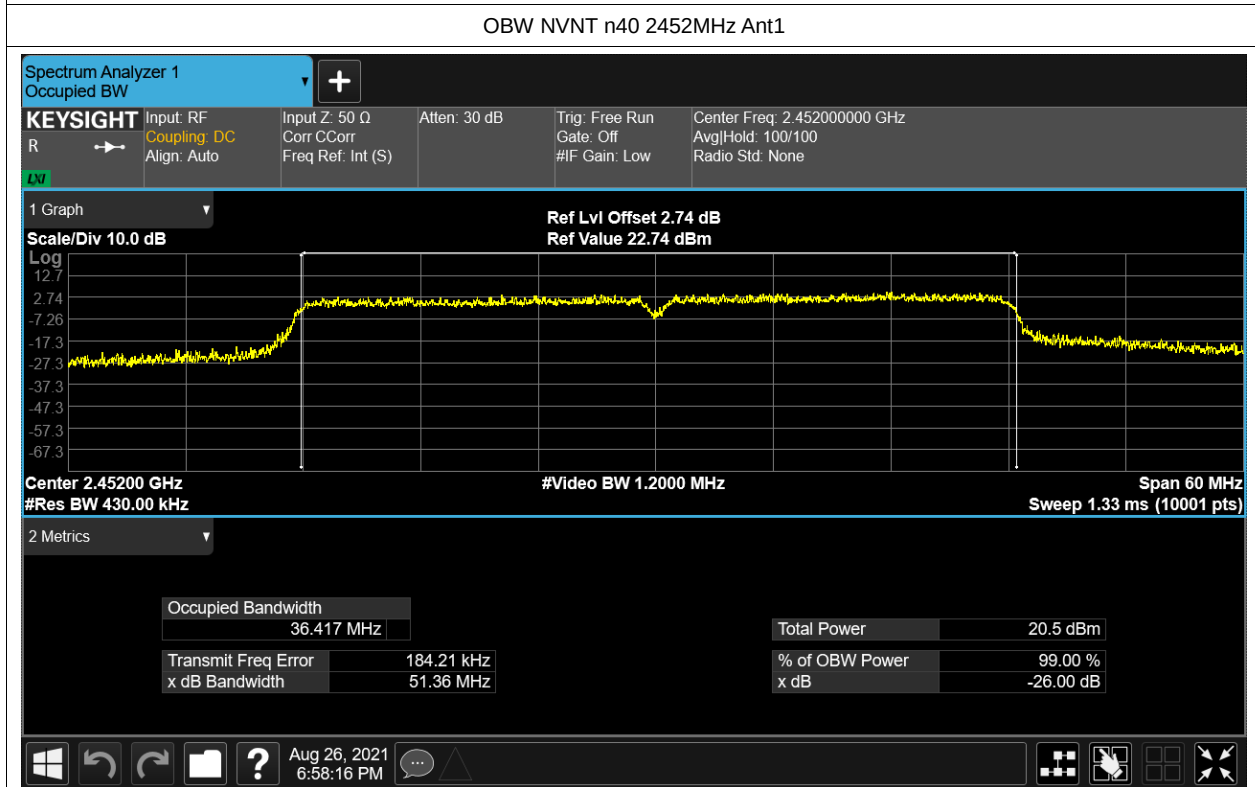
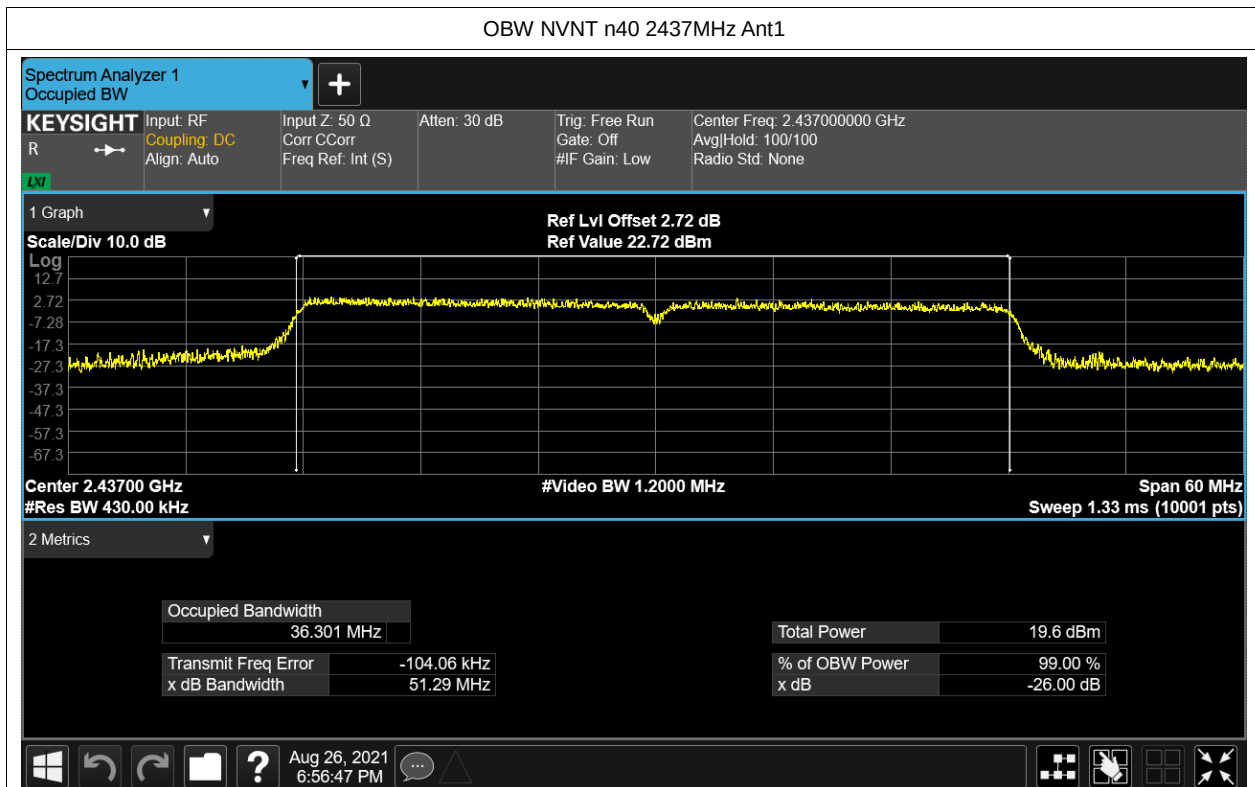










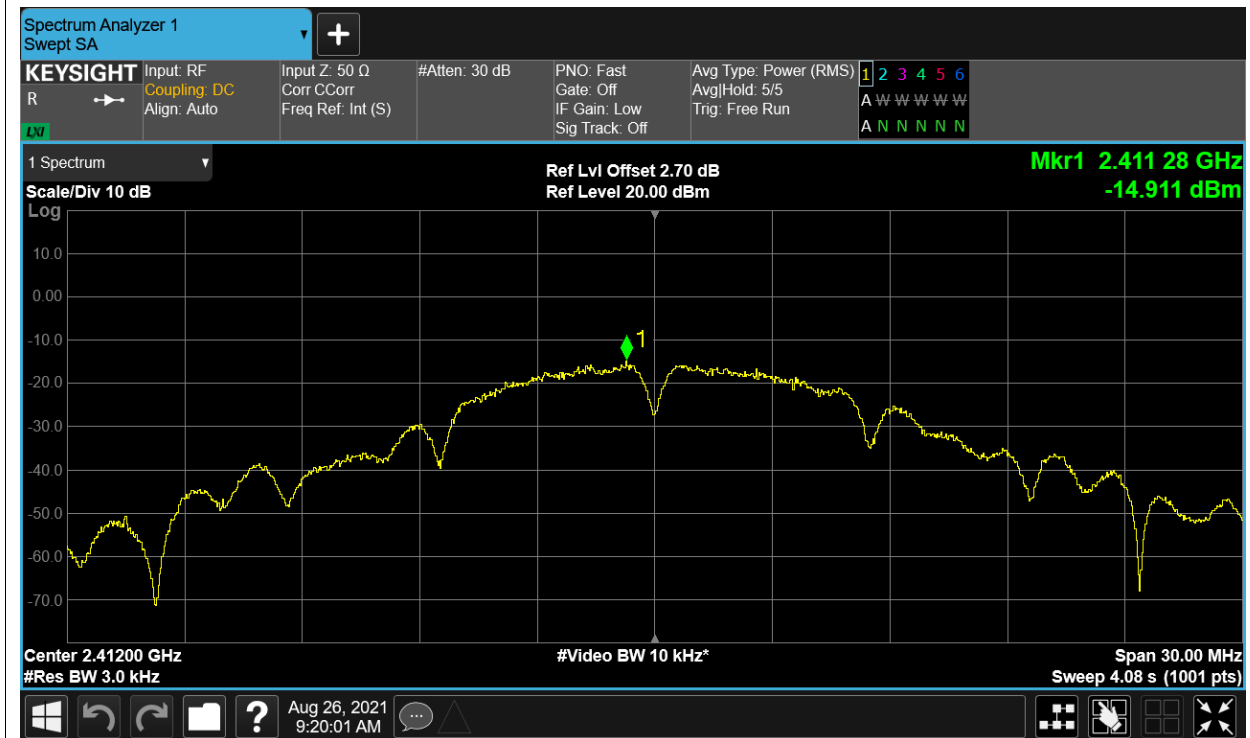


Maximum Power Spectral Density Level

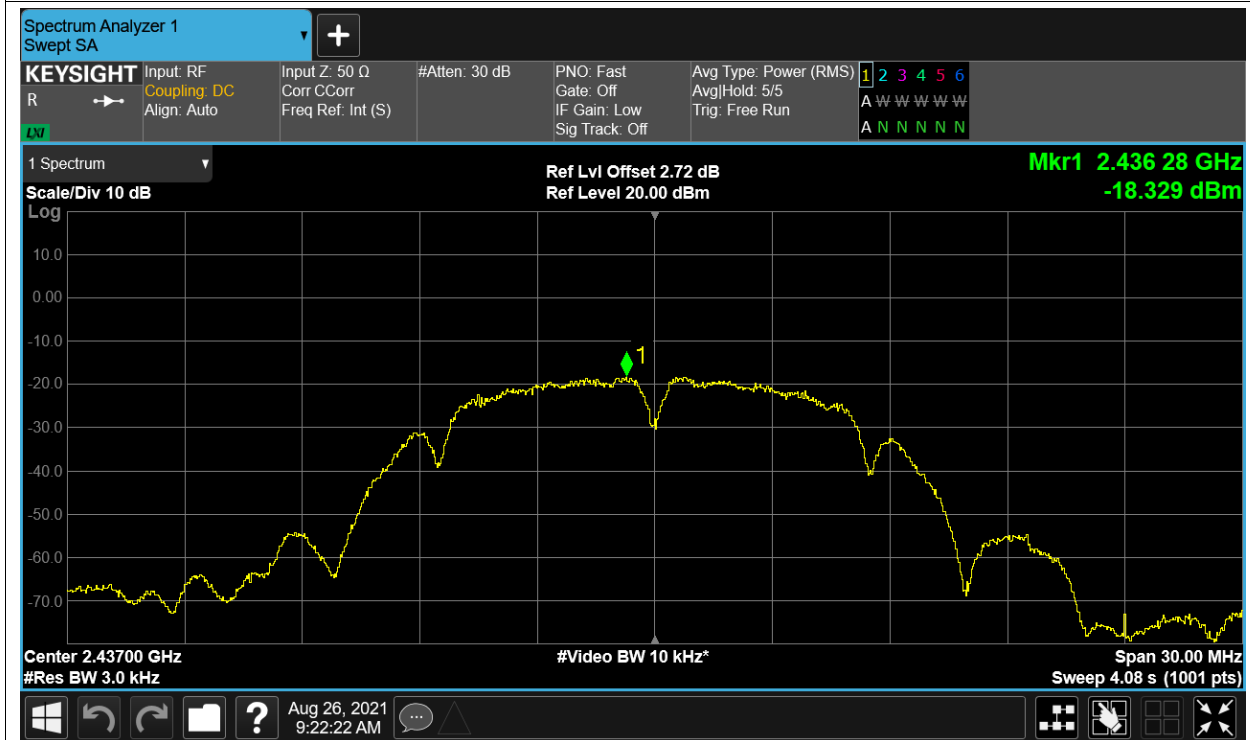
Condition	Mode	Frequency (MHz)	Antenna	Max PSD (dBm)	Limit (dBm)	Verdict
NVNT	b	2412	Ant1	-14.911	8	Pass
NVNT	b	2437	Ant1	-18.329	8	Pass
NVNT	b	2462	Ant1	-14.464	8	Pass
NVNT	g	2412	Ant1	-25.263	8	Pass
NVNT	g	2437	Ant1	-21.032	8	Pass
NVNT	g	2462	Ant1	-16.033	8	Pass
NVNT	n20	2412	Ant1	-23.863	8	Pass
NVNT	n20	2437	Ant1	-21.241	8	Pass
NVNT	n20	2462	Ant1	-18.71	8	Pass
NVNT	n40	2422	Ant1	-20.199	8	Pass
NVNT	n40	2437	Ant1	-30.572	8	Pass
NVNT	n40	2452	Ant1	-31.035	8	Pass

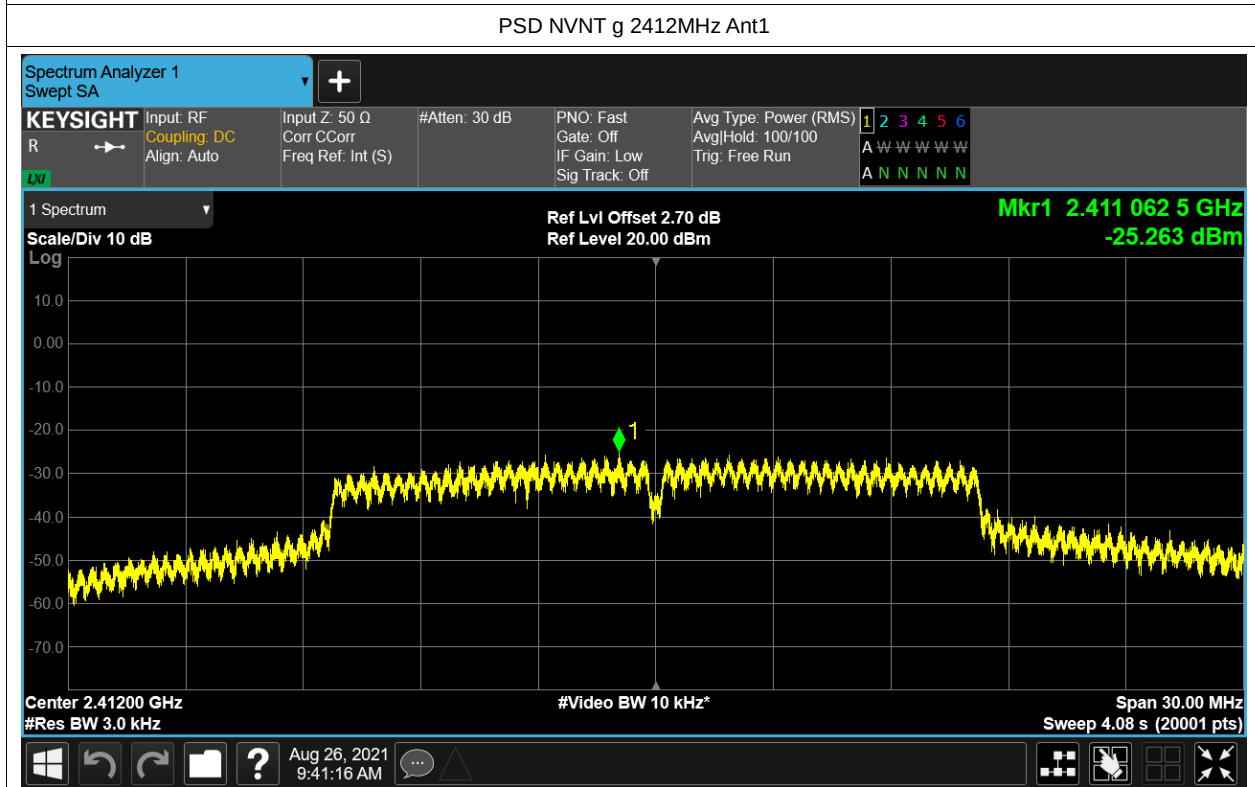
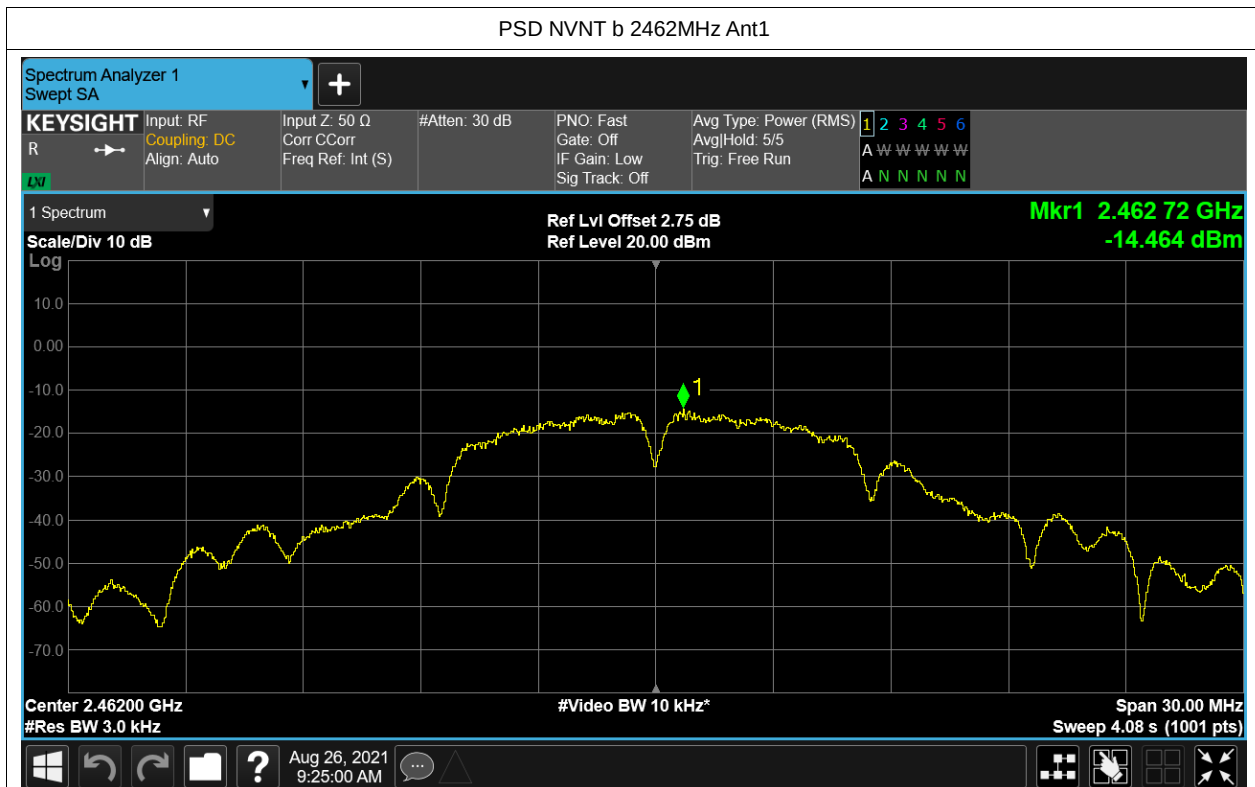
Test Graphs

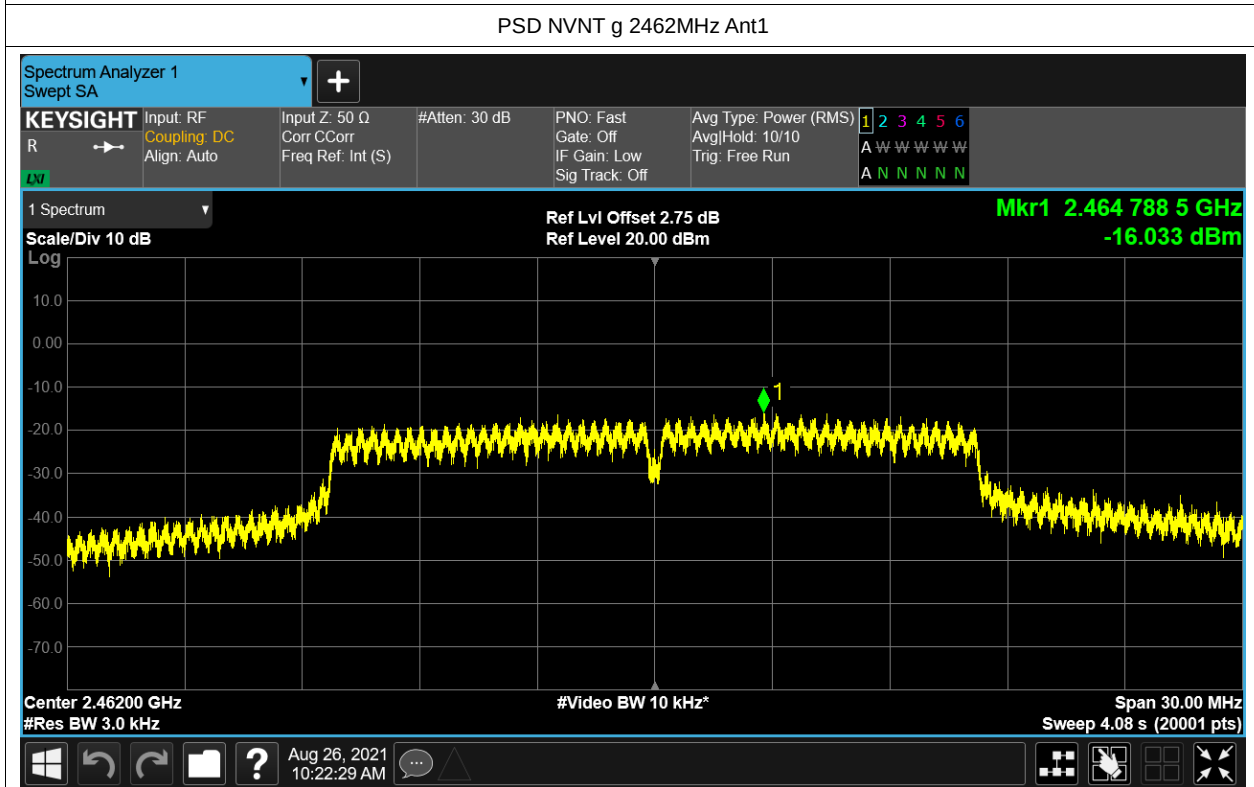
PSD NVNT b 2412MHz Ant1

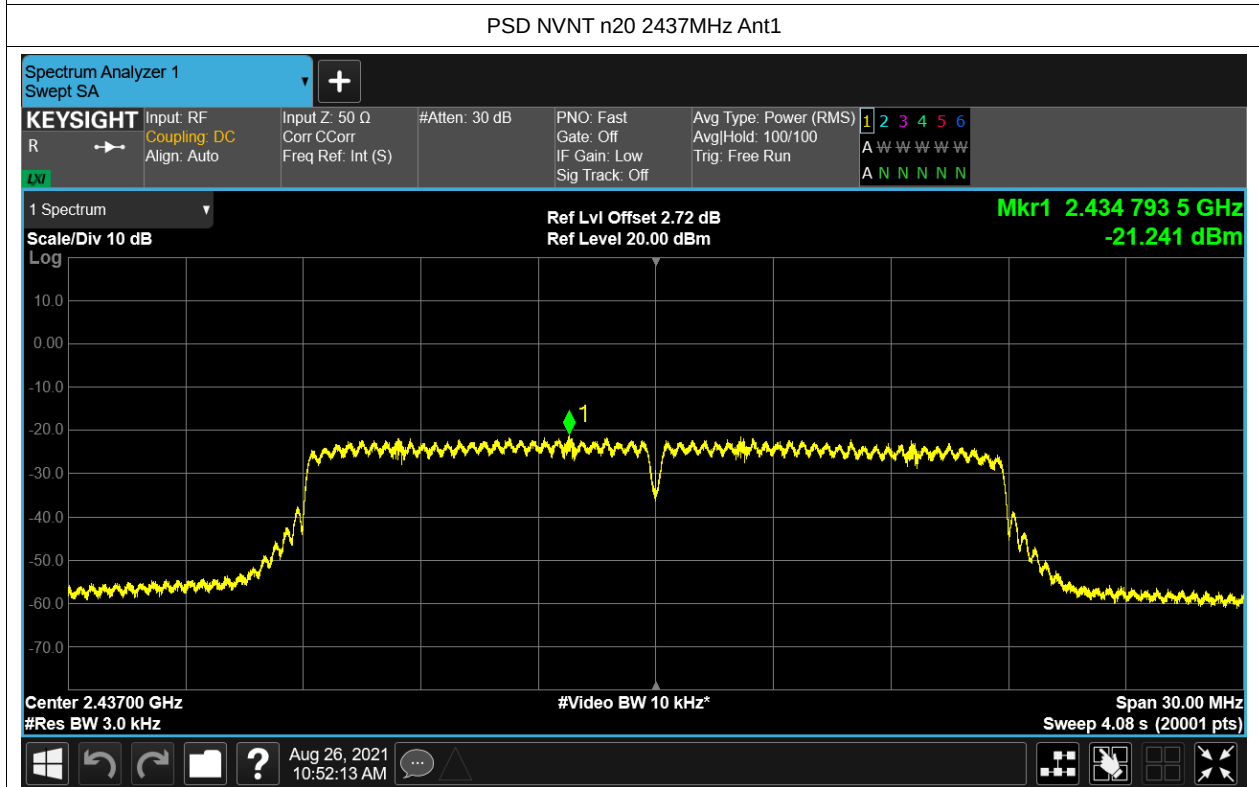


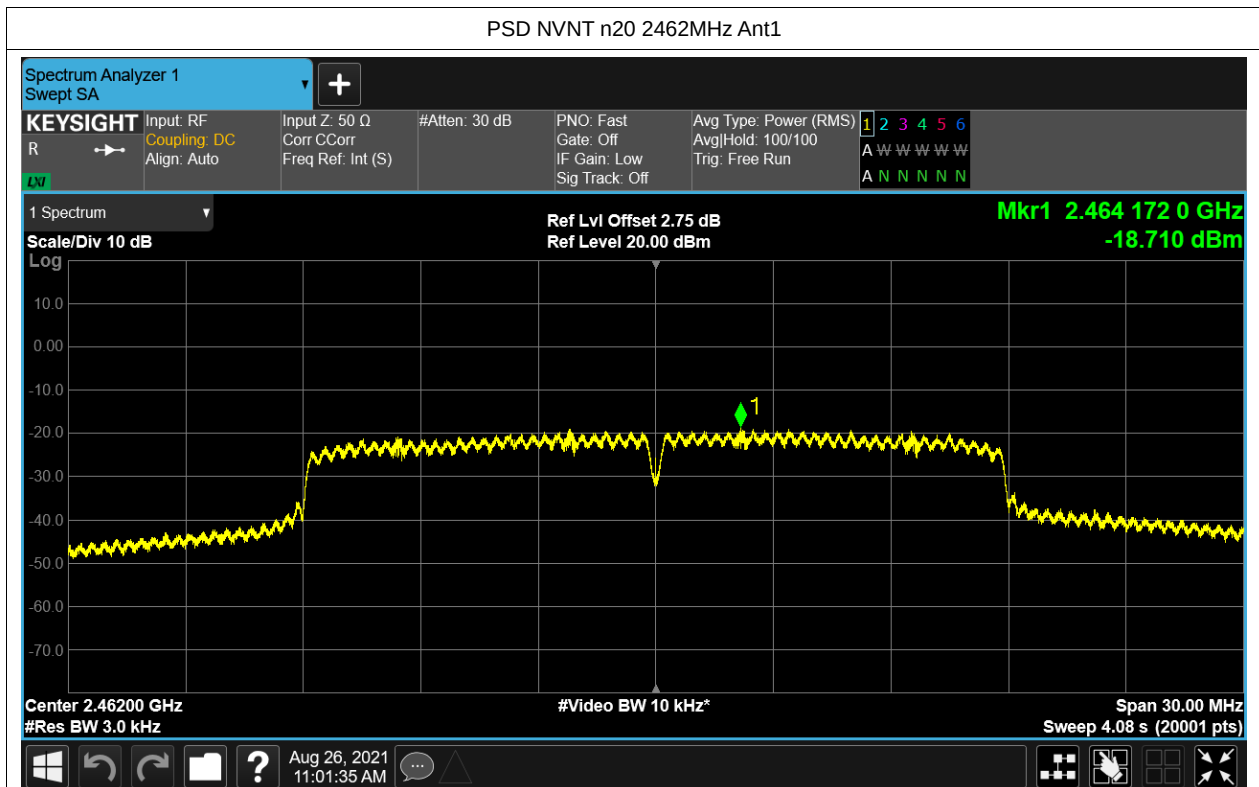
PSD NVNT b 2437MHz Ant1

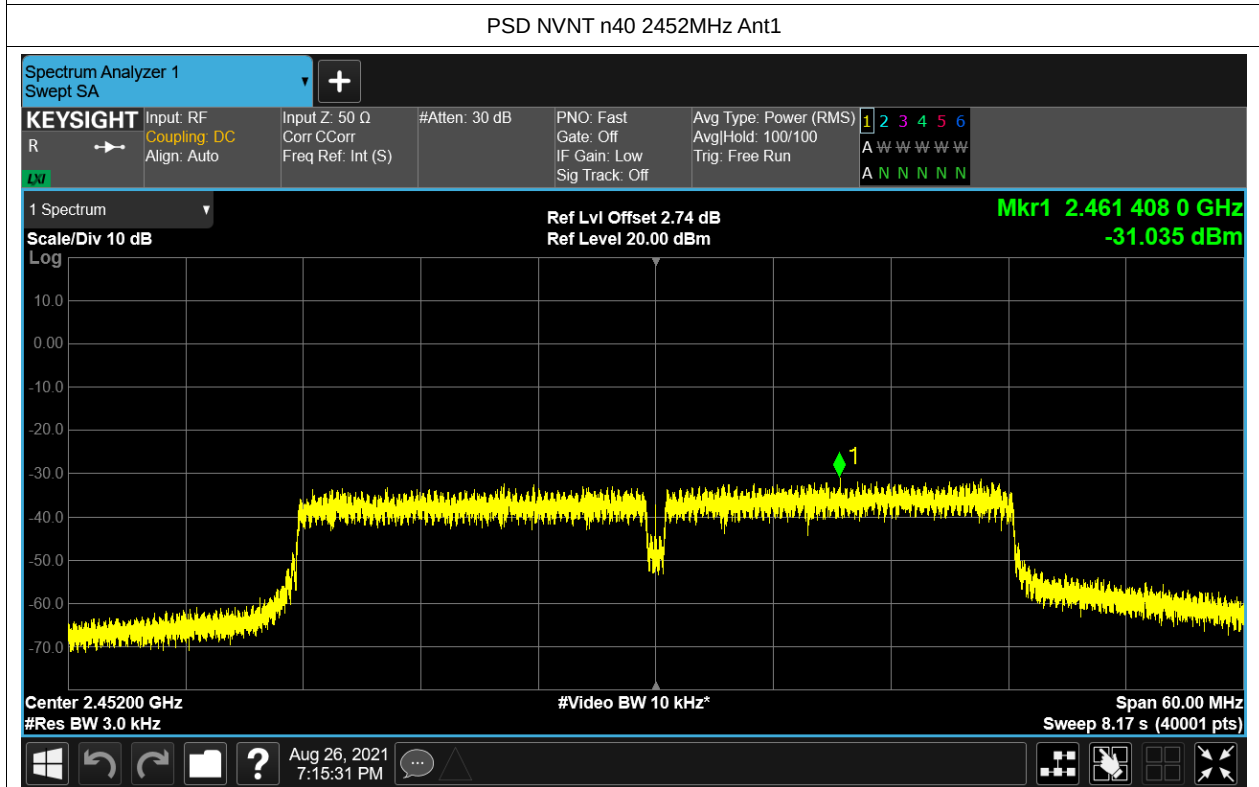
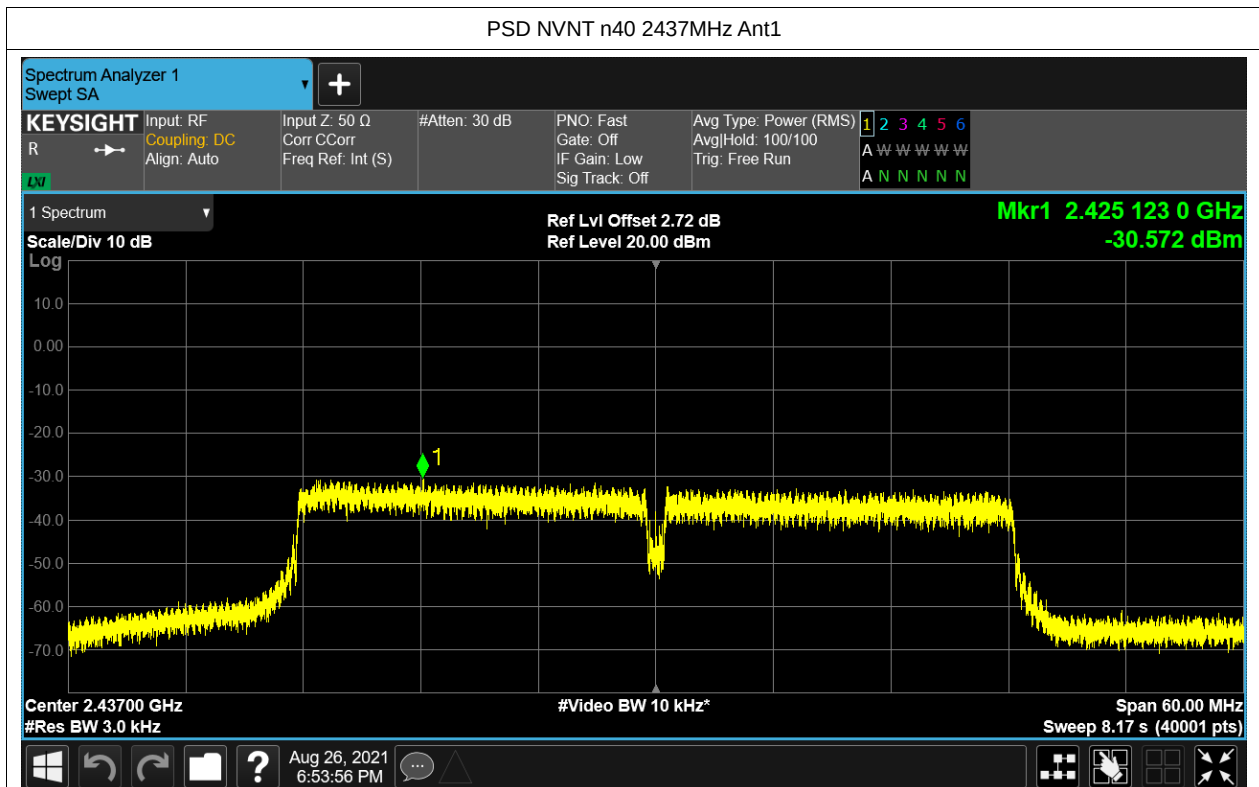










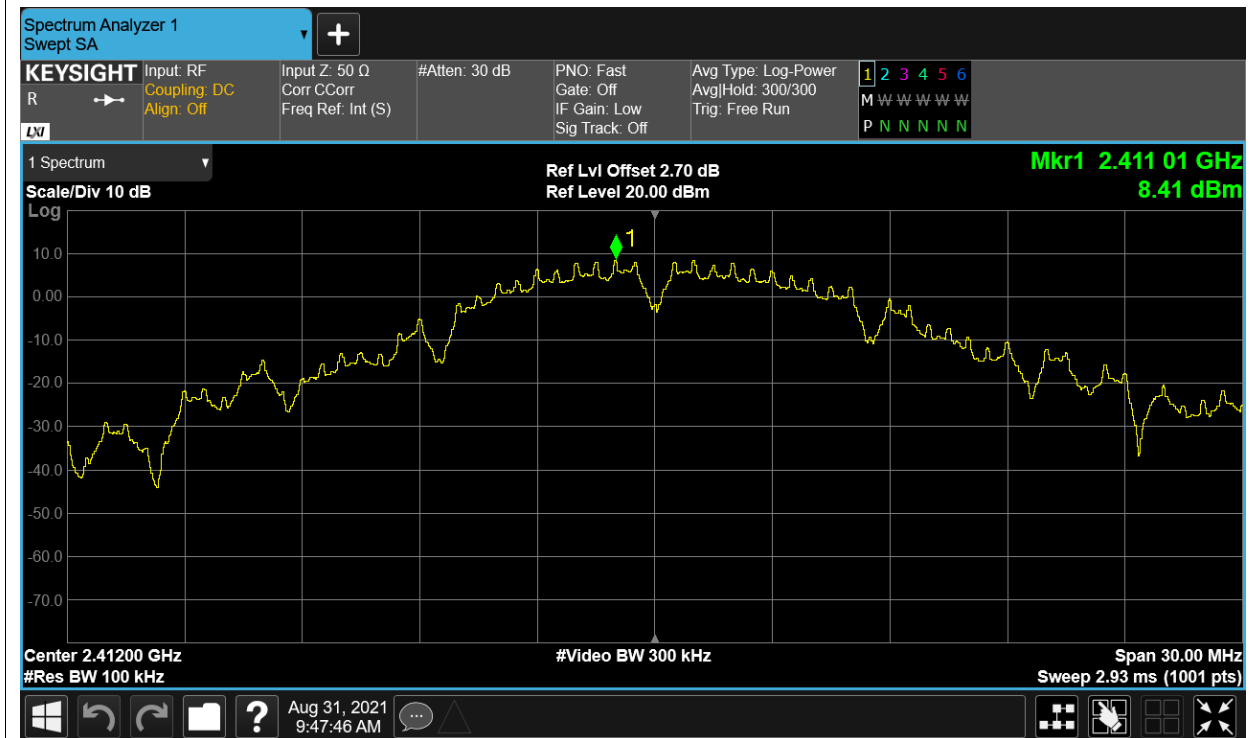


Band Edge

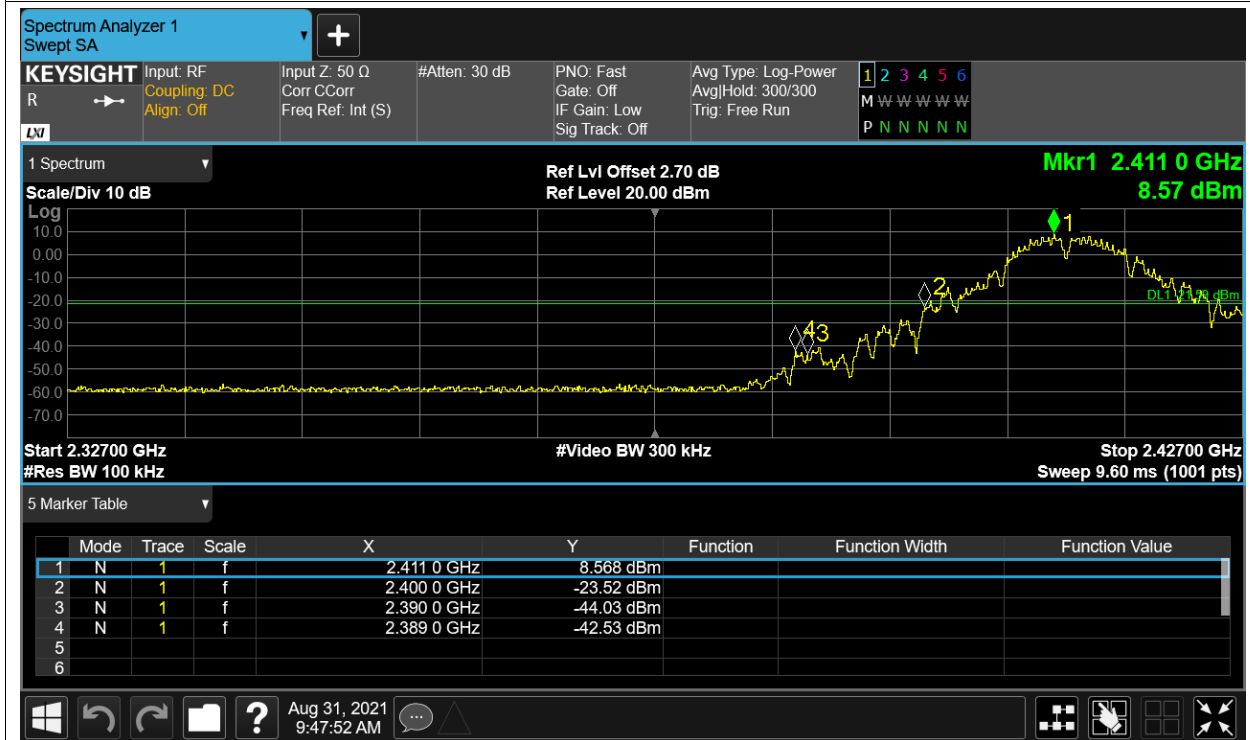
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-50.94	-30	Pass
NVNT	b	2462	Ant1	-47.15	-30	Pass
NVNT	g	2412	Ant1	-40.7	-30	Pass
NVNT	g	2462	Ant1	-32.55	-30	Pass
NVNT	n20	2412	Ant1	-39.3	-30	Pass
NVNT	n20	2462	Ant1	-30.69	-30	Pass
NVNT	n40	2422	Ant1	-32.11	-30	Pass
NVNT	n40	2452	Ant1	-45.83	-30	Pass

Test Graphs

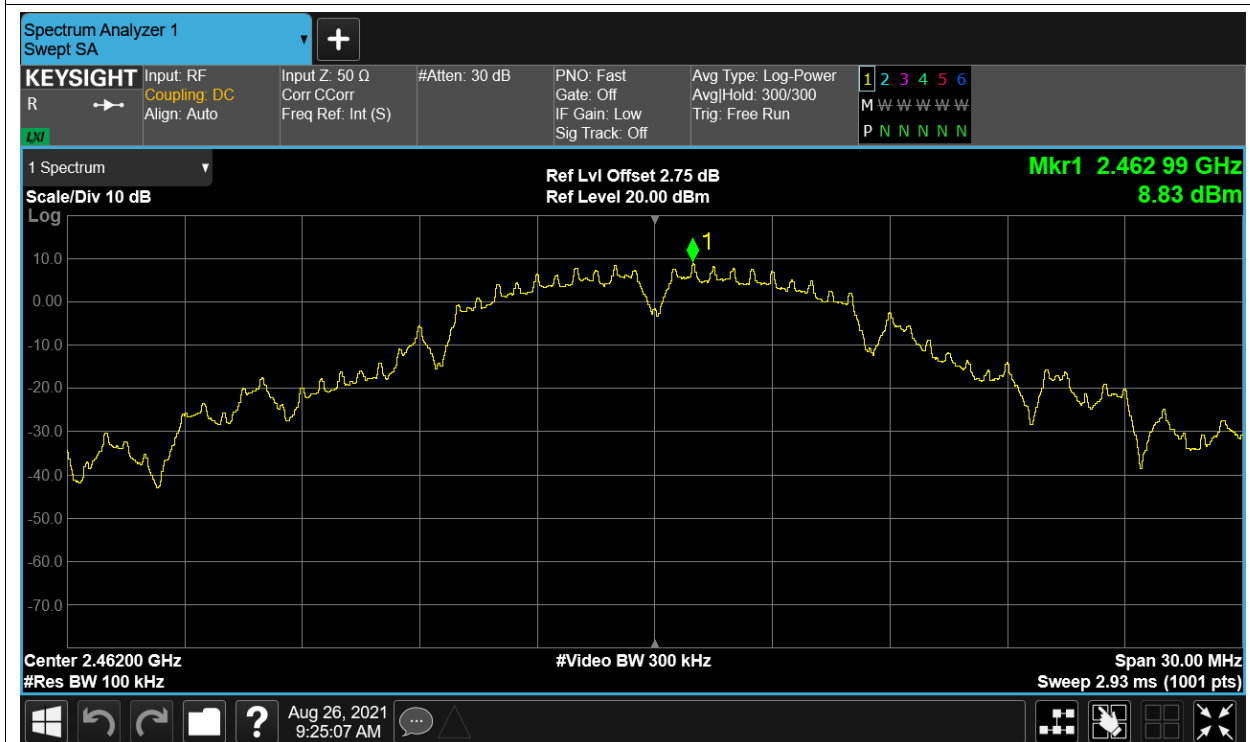
Band Edge NVNT b 2412MHz Ant1 Ref



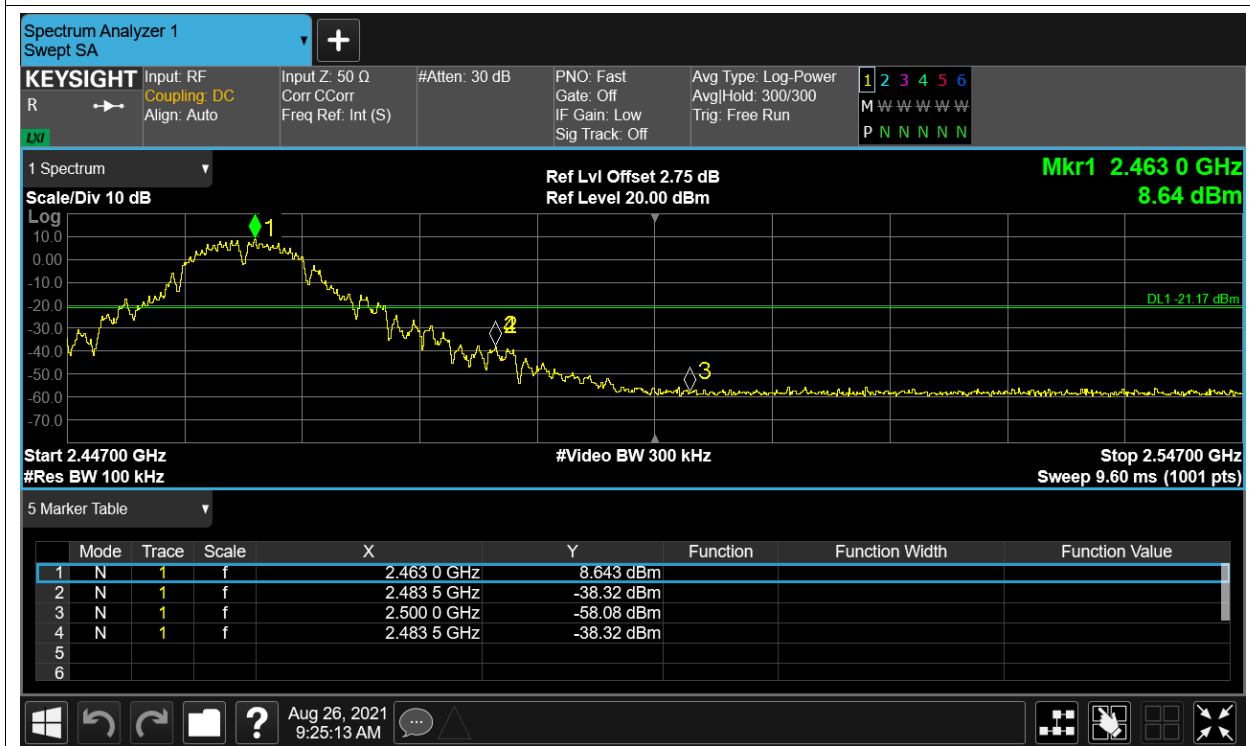
Band Edge NVNT b 2412MHz Ant1 Emission

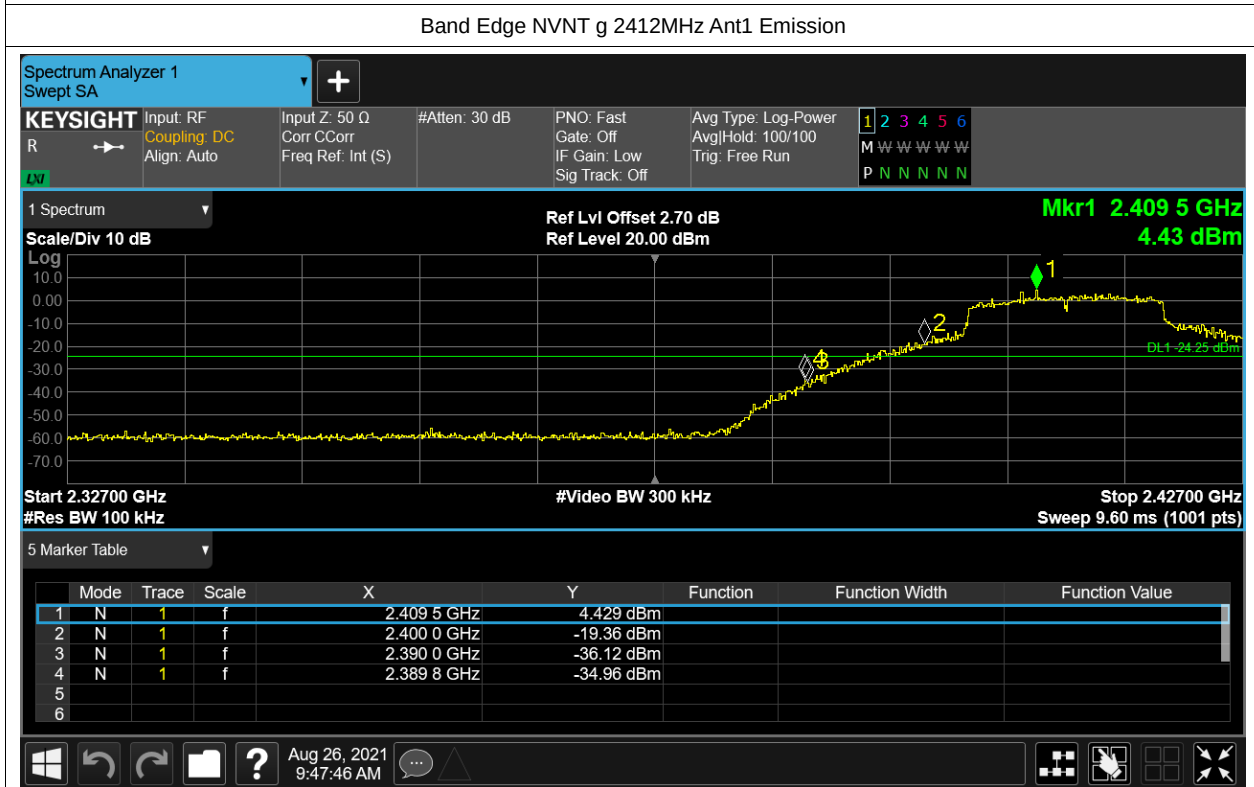


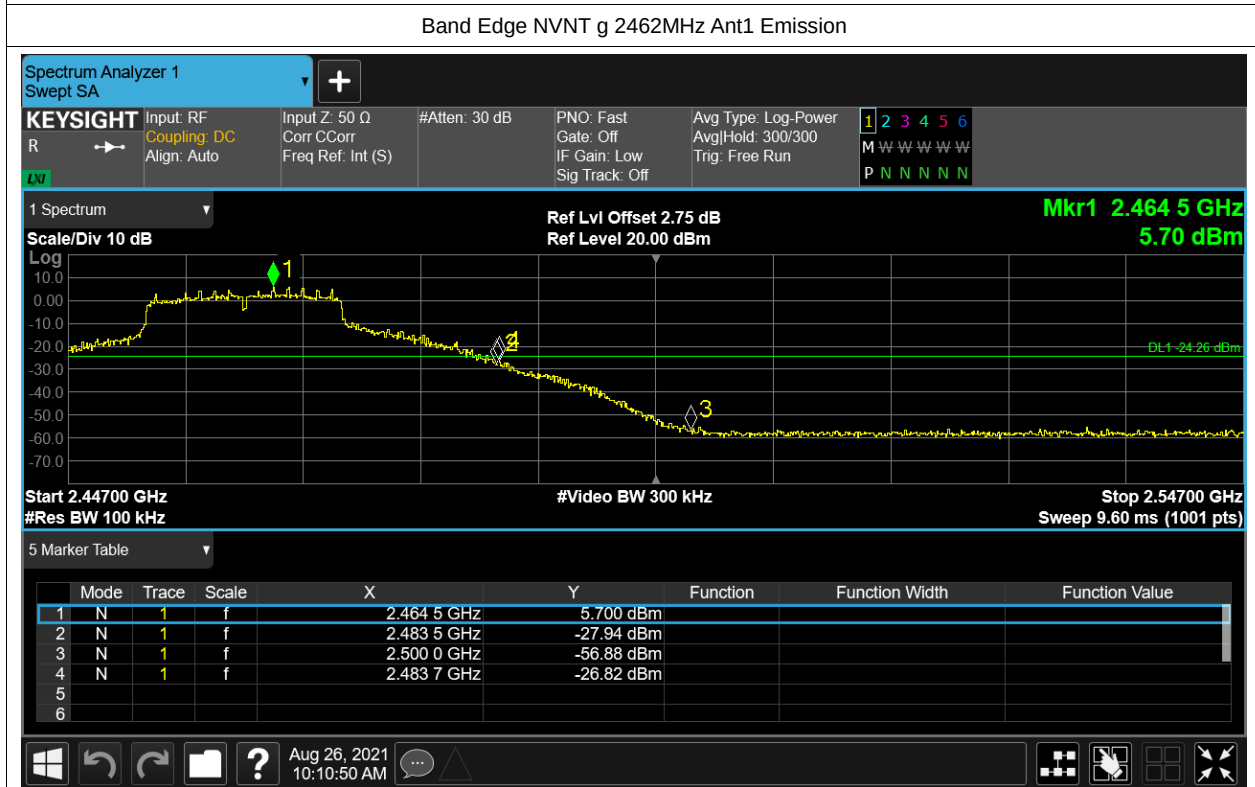
Band Edge NVNT b 2462MHz Ant1 Ref

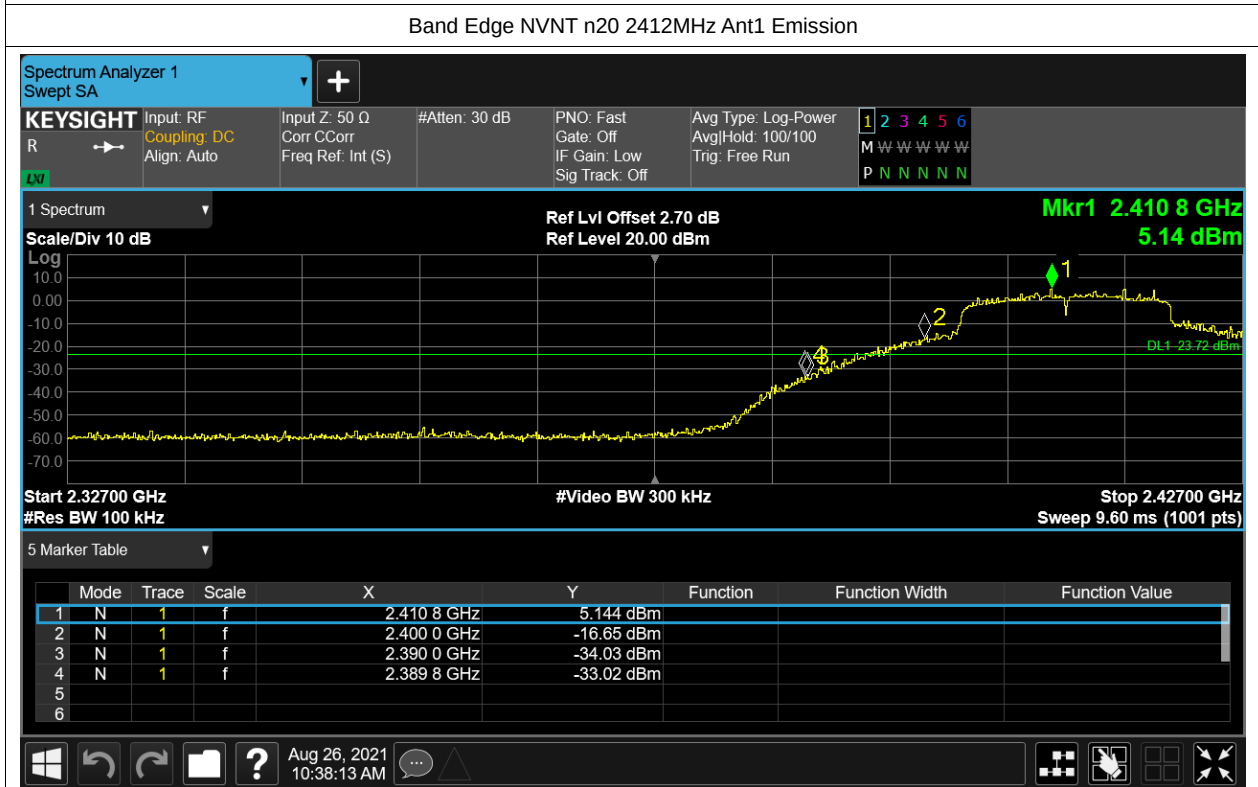
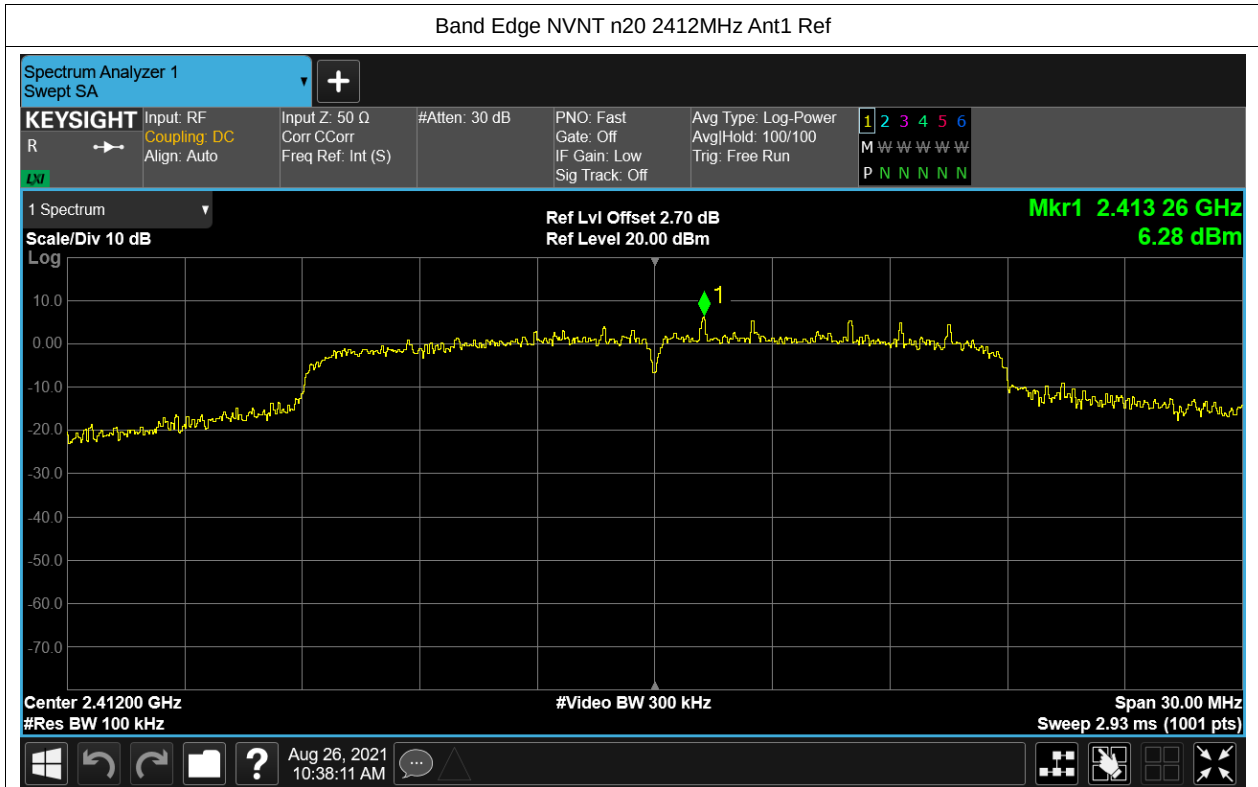


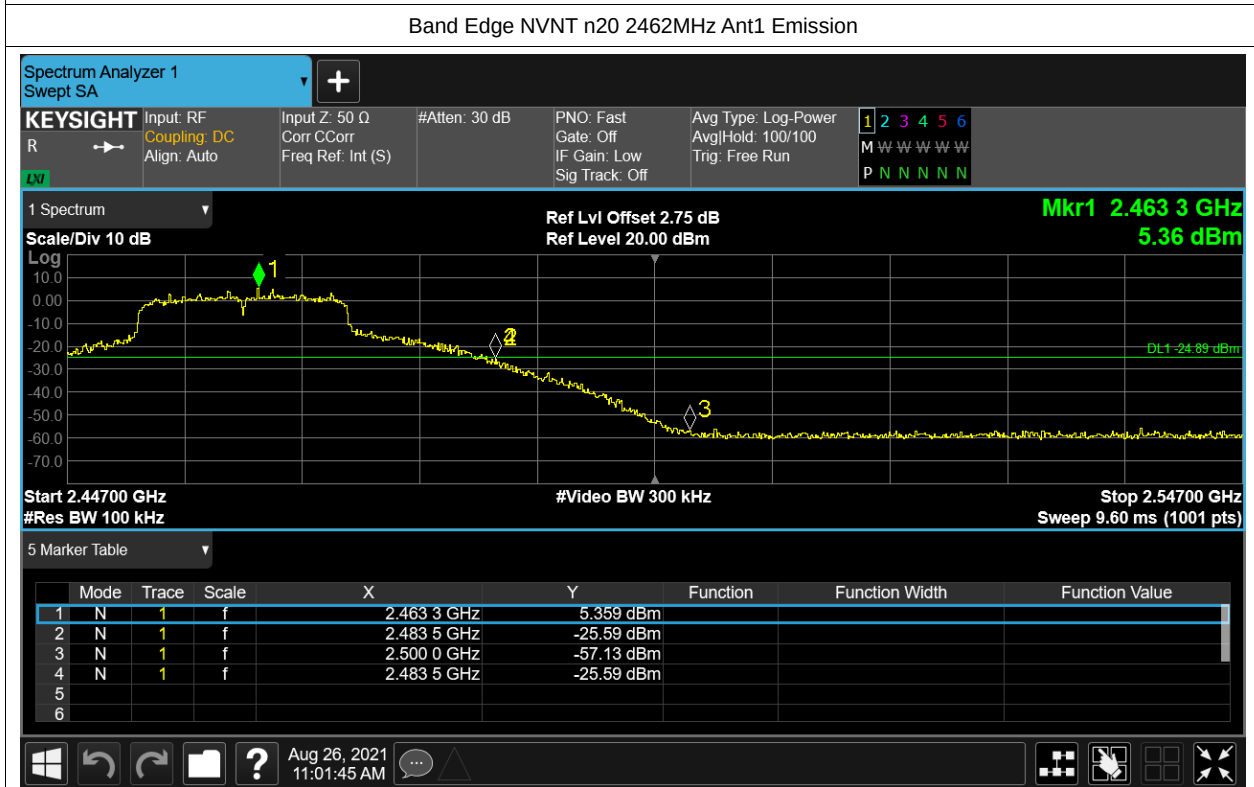
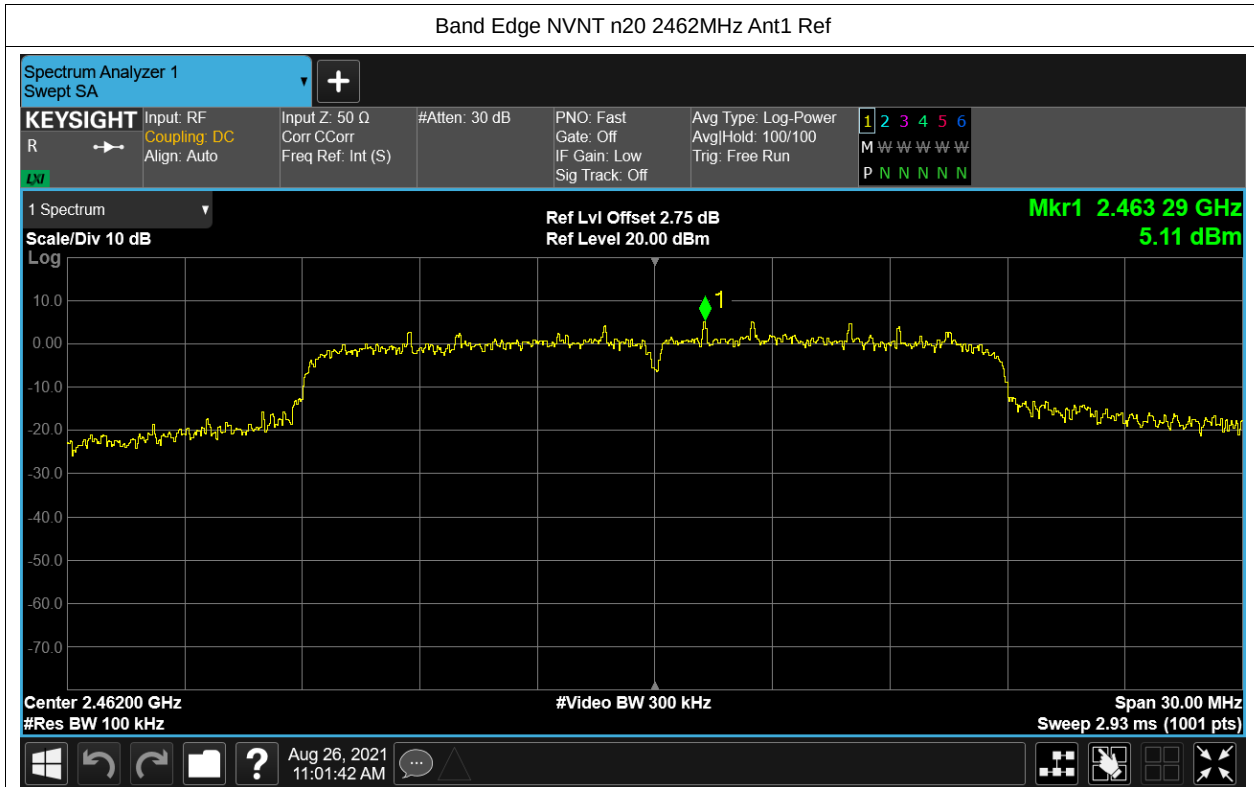
Band Edge NVNT b 2462MHz Ant1 Emission

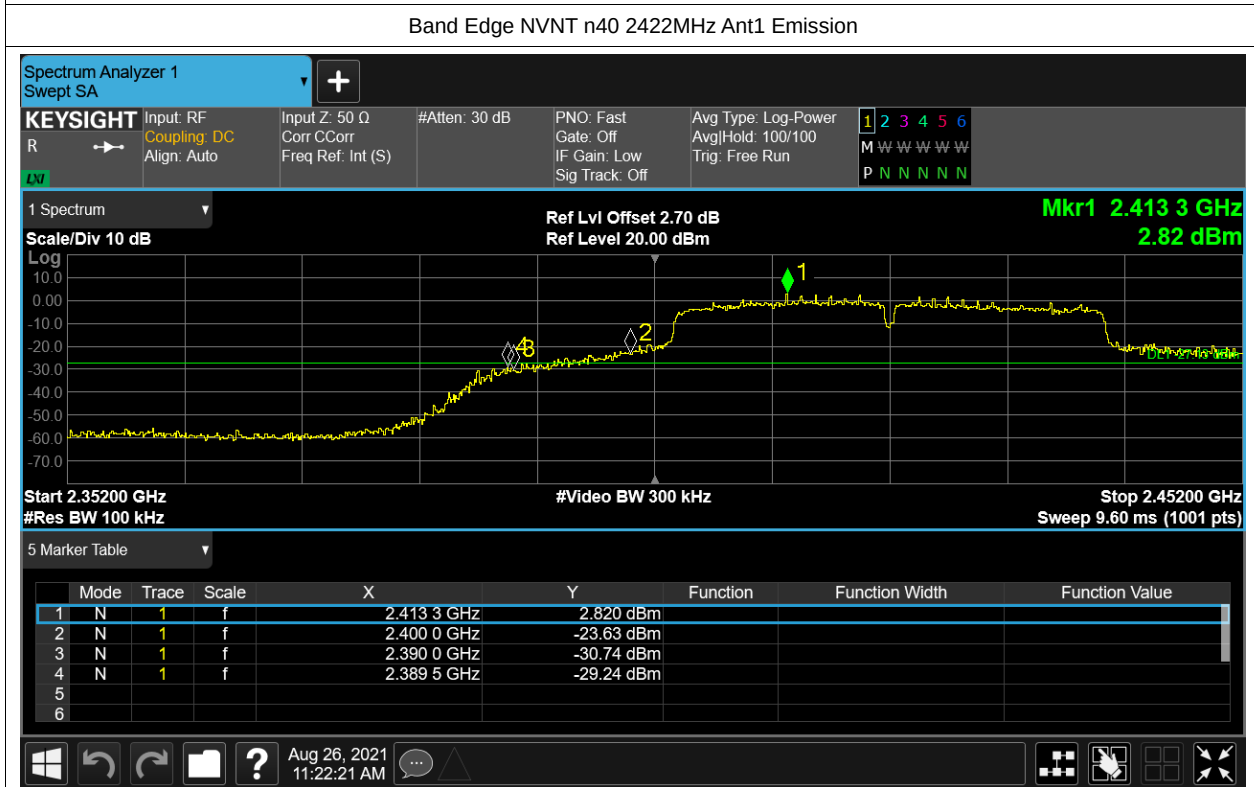
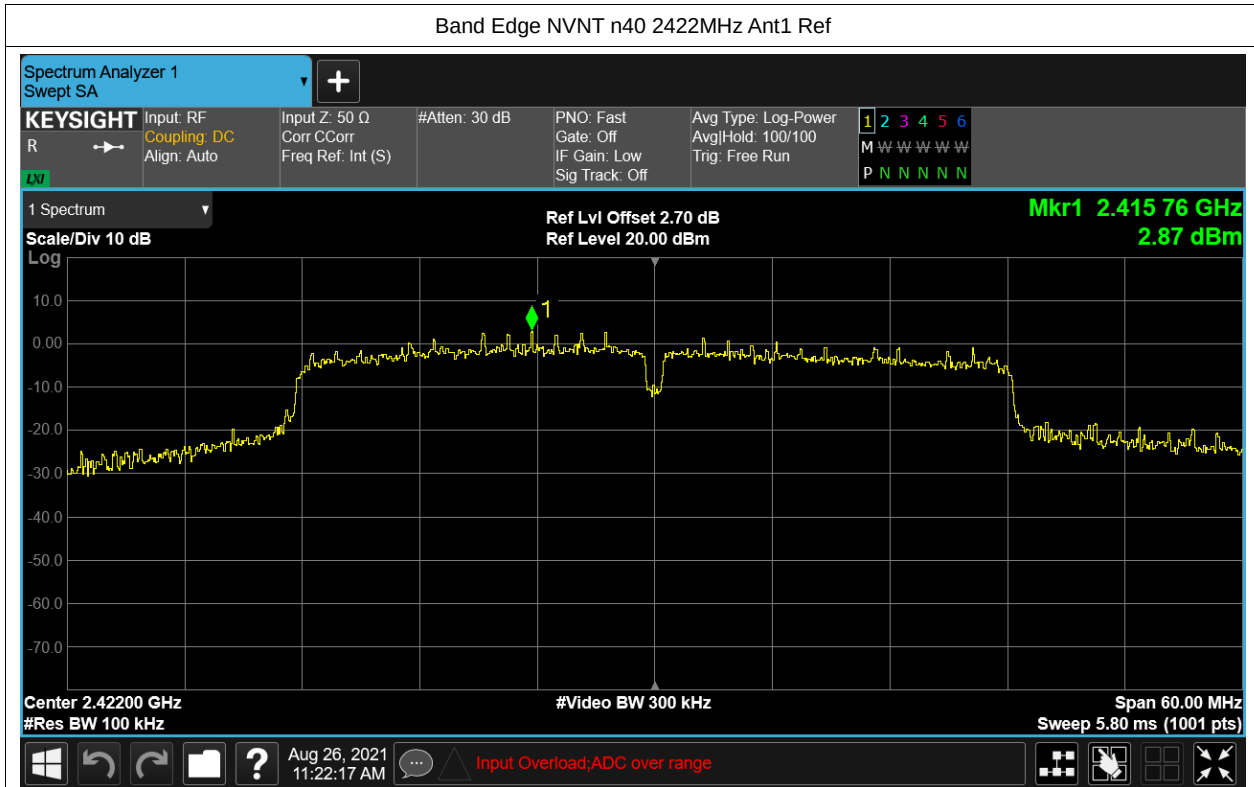


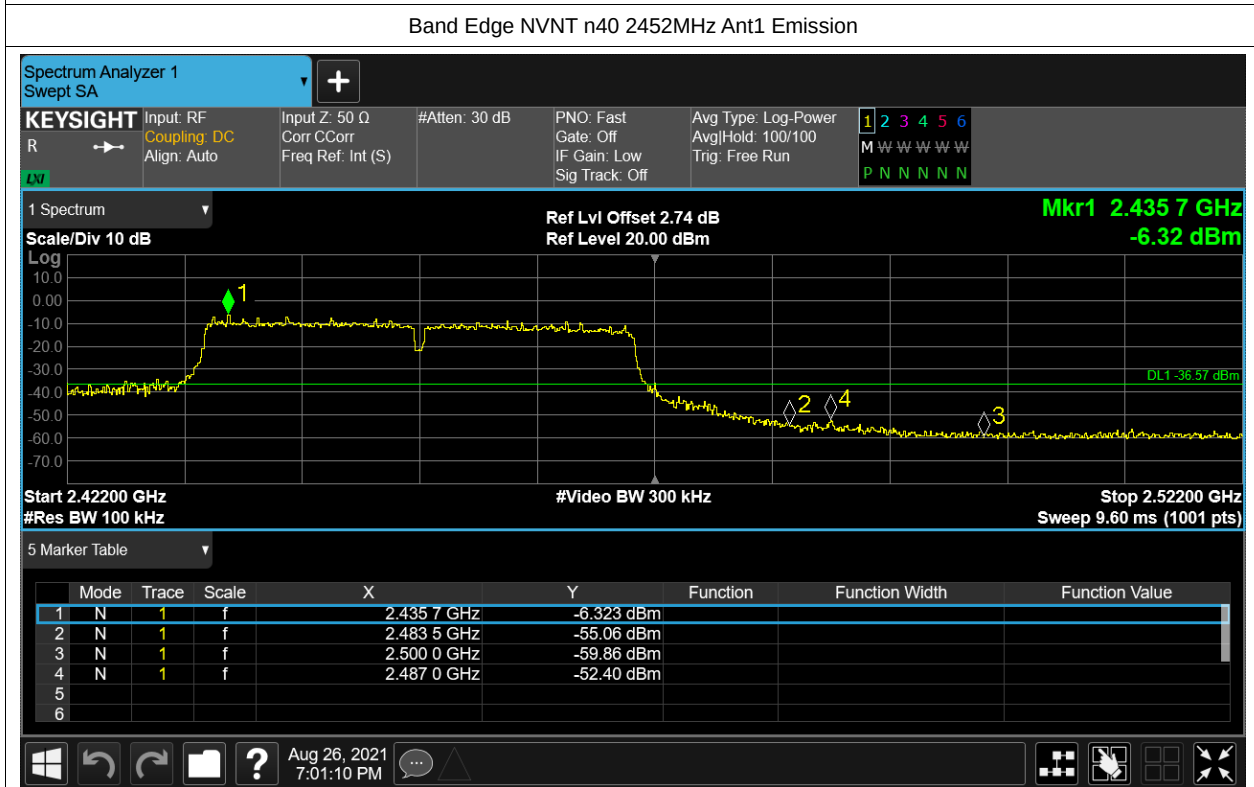
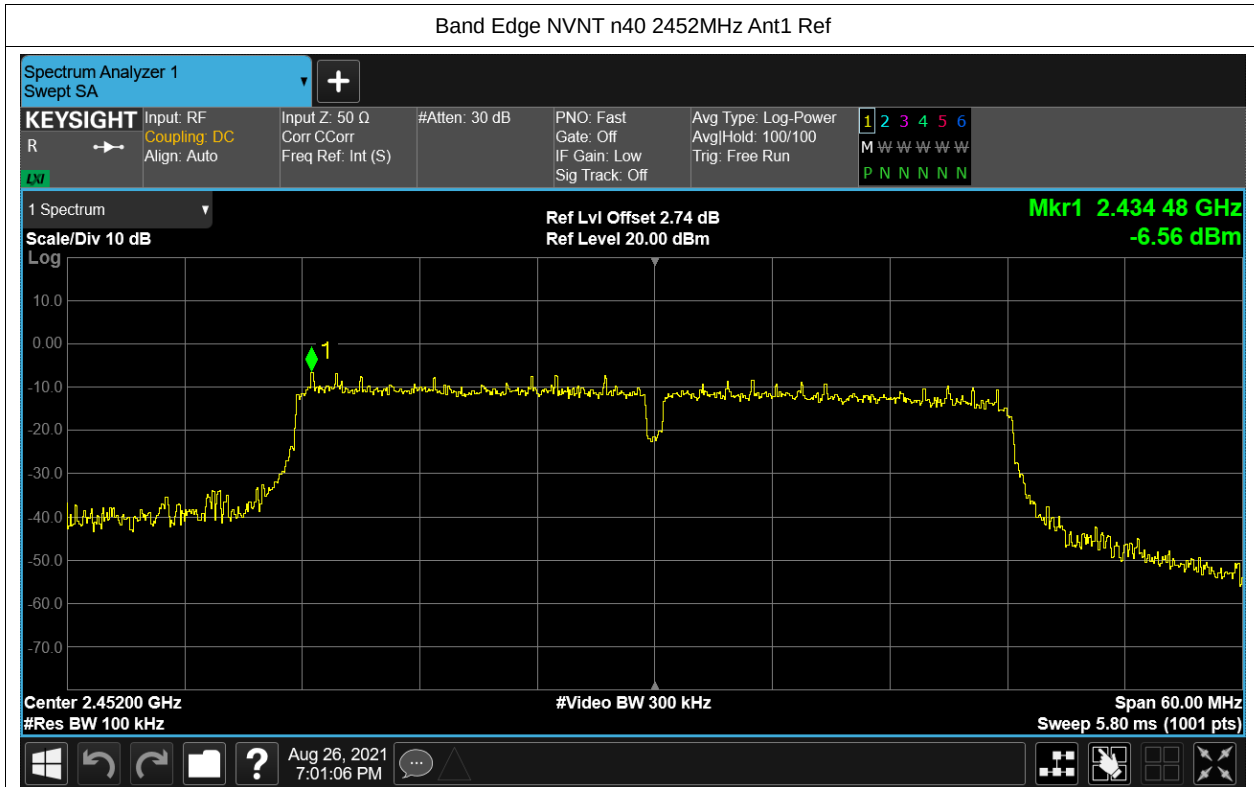










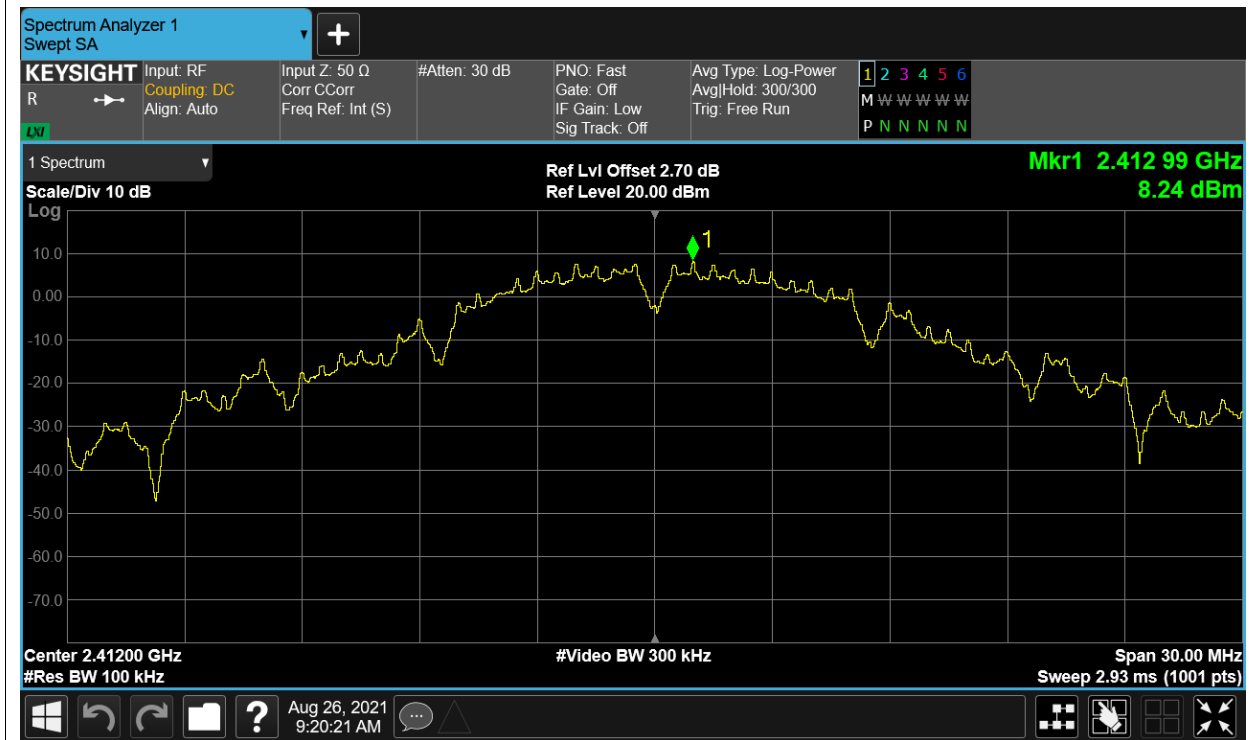


Conducted RF Spurious Emission

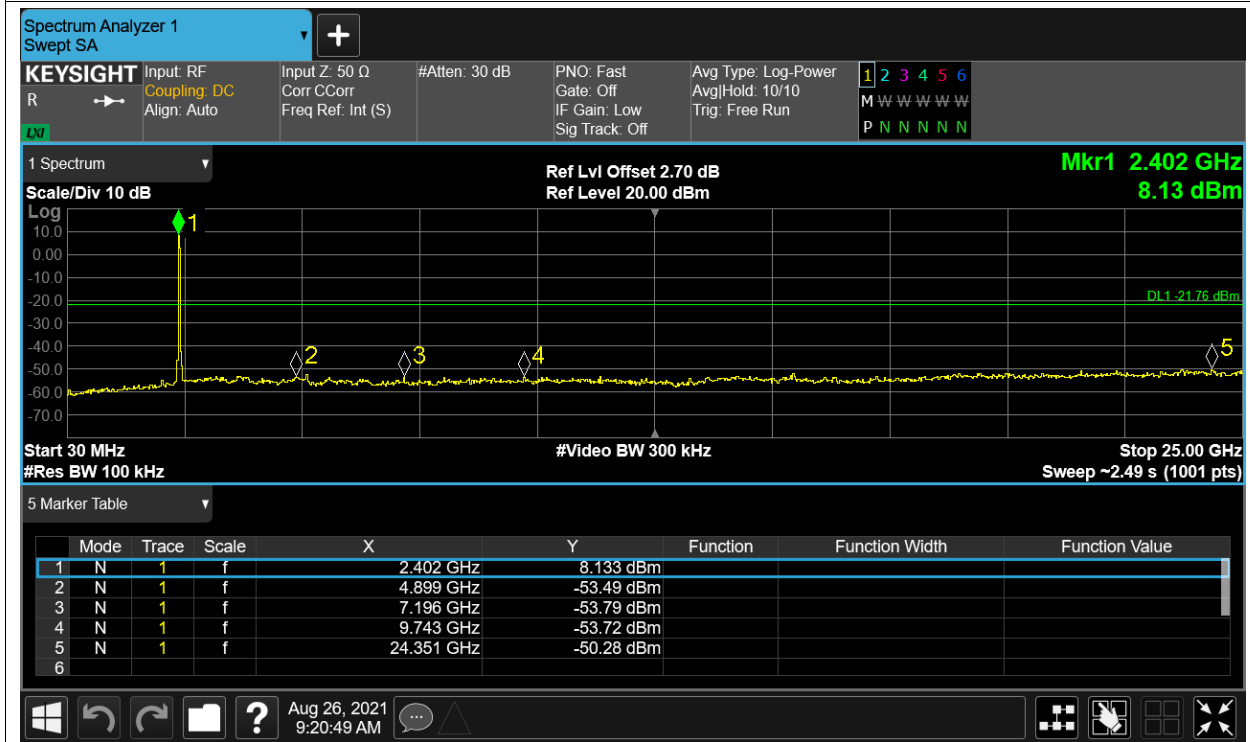
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBc)	Limit (dBc)	Verdict
NVNT	b	2412	Ant1	-58.51	-30	Pass
NVNT	b	2437	Ant1	-55.48	-30	Pass
NVNT	b	2462	Ant1	-59.04	-30	Pass
NVNT	g	2412	Ant1	-55.41	-30	Pass
NVNT	g	2437	Ant1	-52.73	-30	Pass
NVNT	g	2462	Ant1	-44.35	-30	Pass
NVNT	n20	2412	Ant1	-56.16	-30	Pass
NVNT	n20	2437	Ant1	-49.69	-30	Pass
NVNT	n20	2462	Ant1	-43.28	-30	Pass
NVNT	n40	2422	Ant1	-44.71	-30	Pass
NVNT	n40	2437	Ant1	-50.16	-30	Pass
NVNT	n40	2452	Ant1	-32.1	-30	Pass

Test Graphs

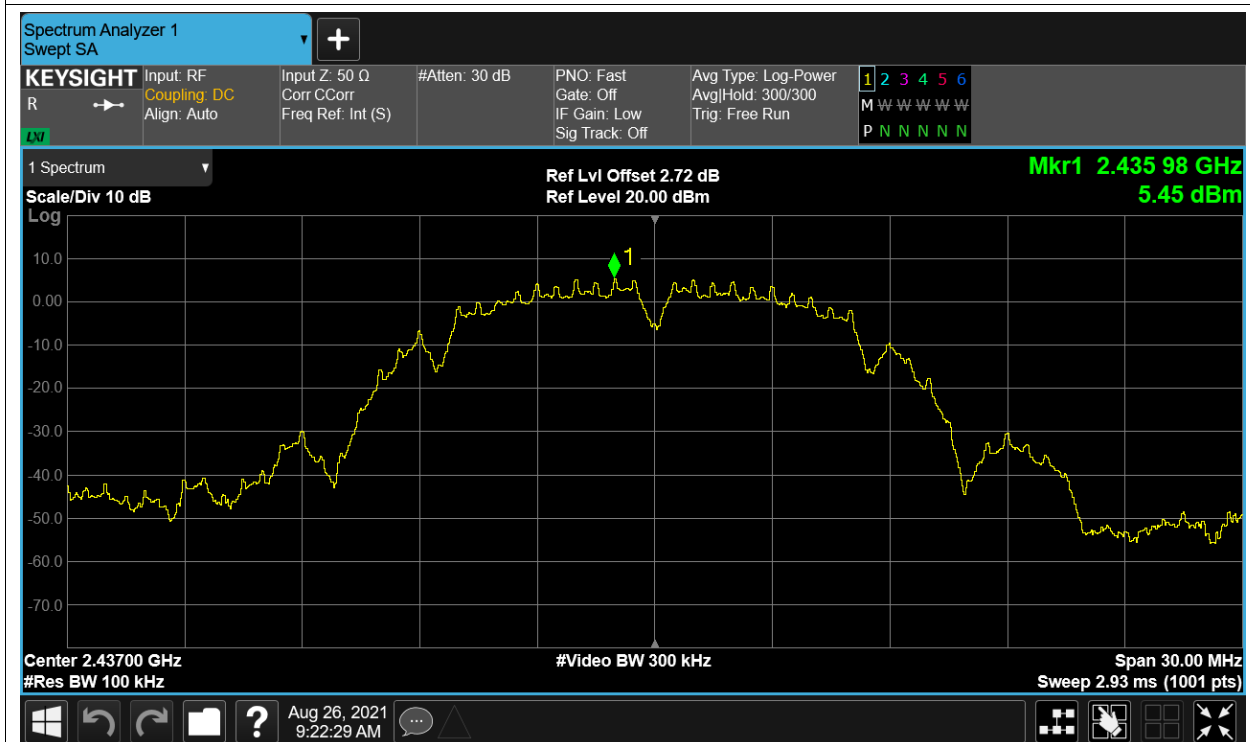
Tx. Spurious NVNT b 2412MHz Ant1 Ref



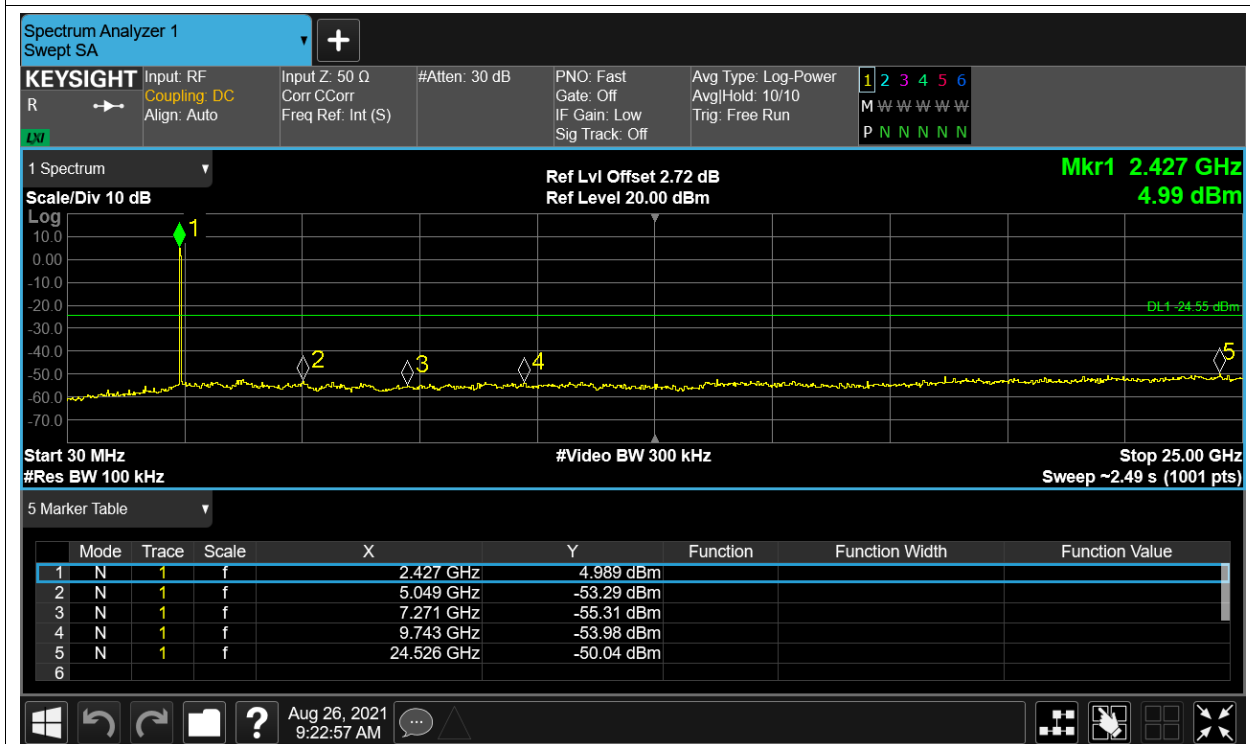
Tx. Spurious NVNT b 2412MHz Ant1 Emission



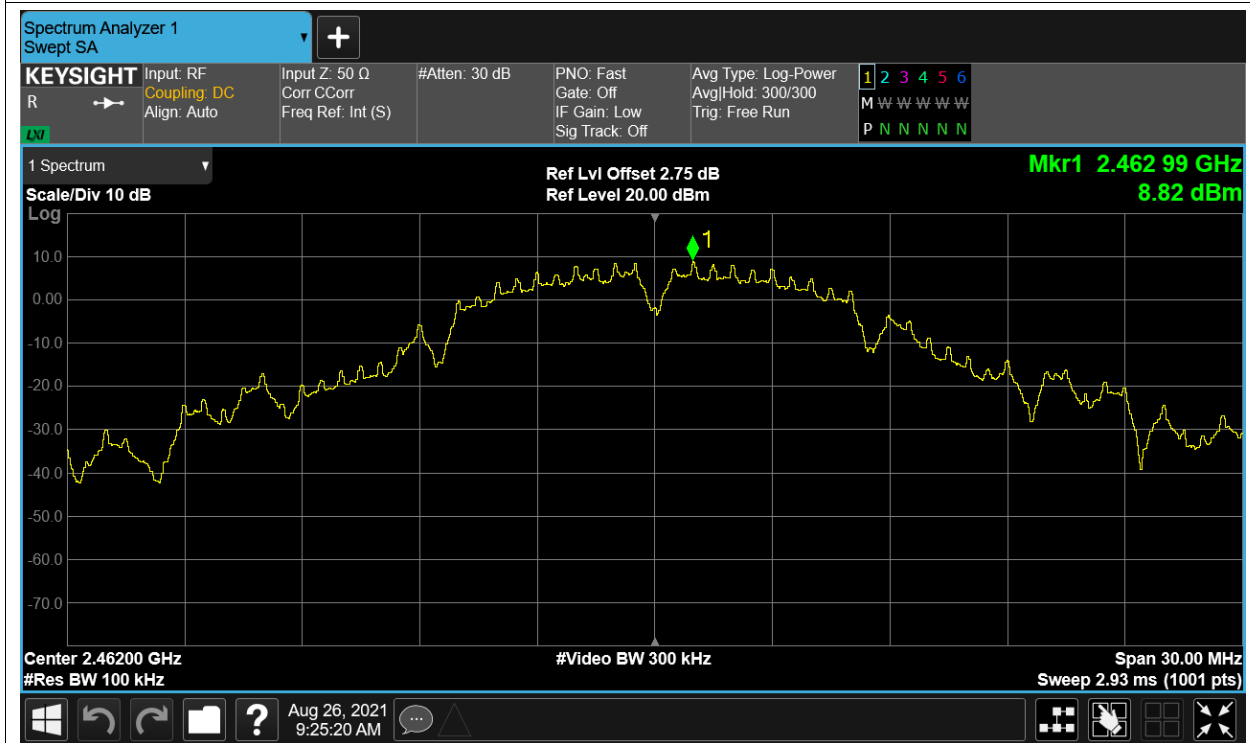
Tx. Spurious NVNT b 2437MHz Ant1 Ref



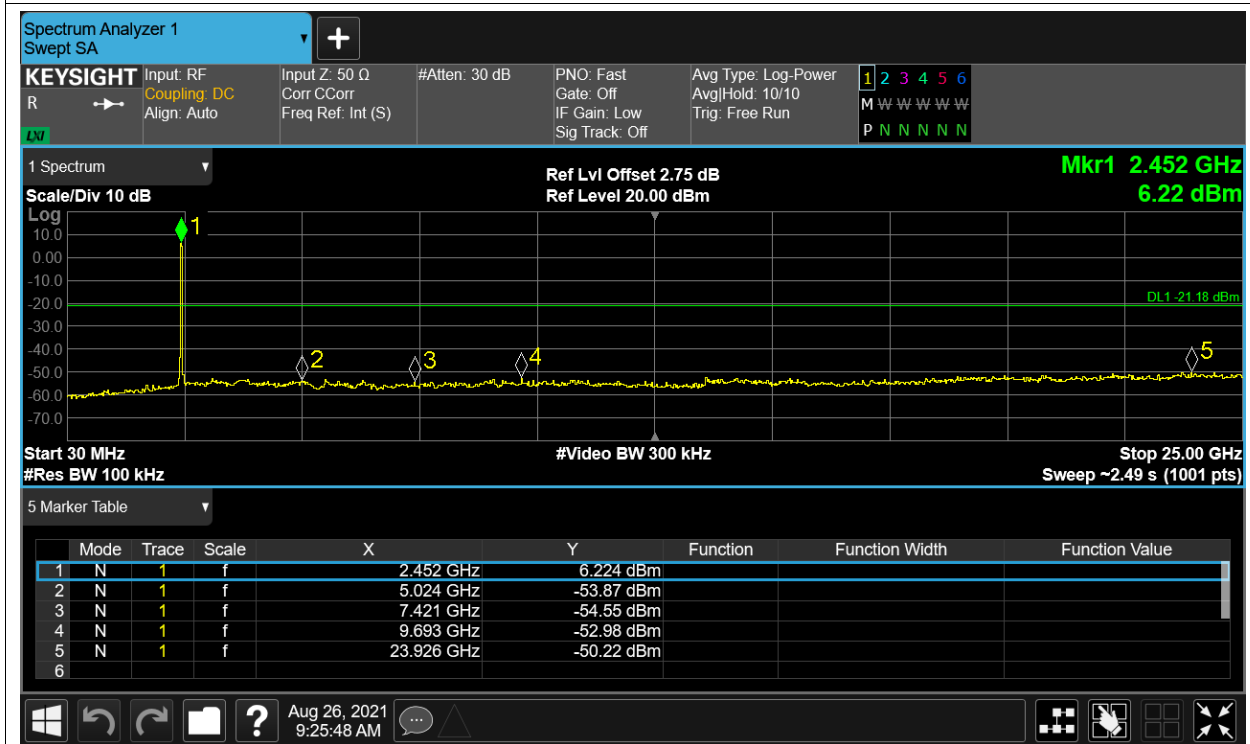
Tx. Spurious NVNT b 2437MHz Ant1 Emission



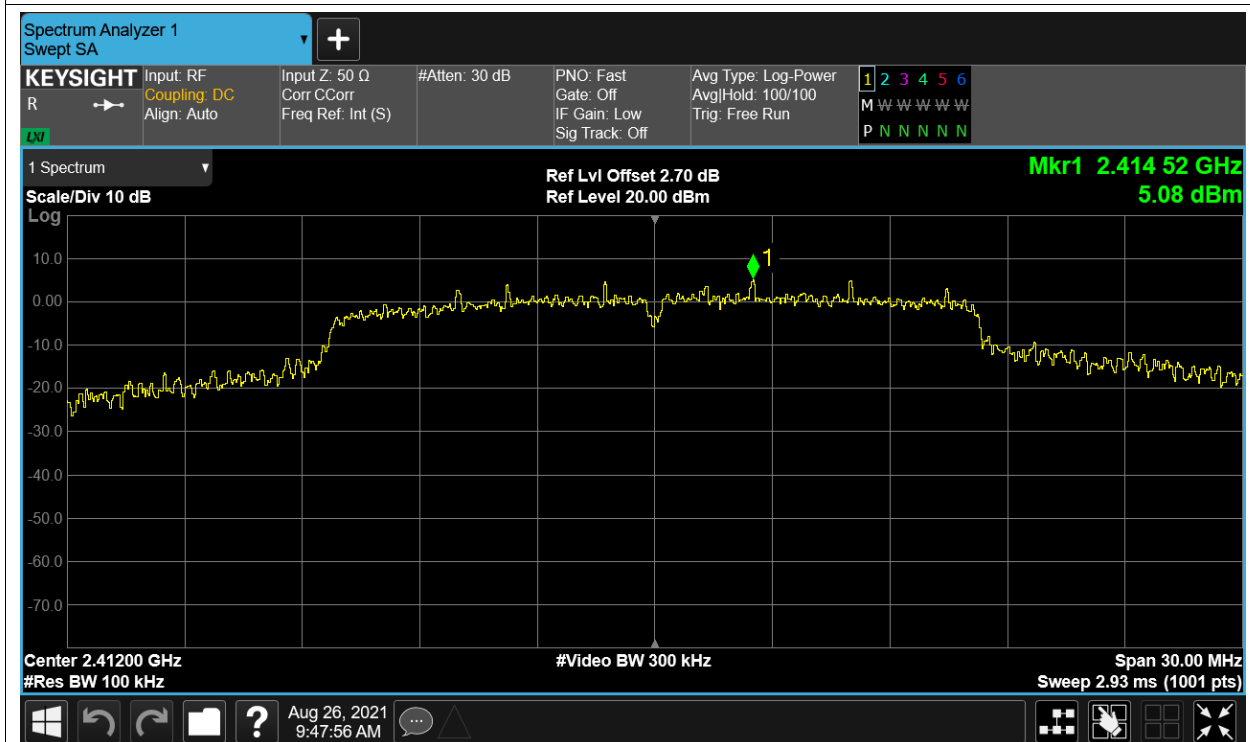
Tx. Spurious NVNT b 2462MHz Ant1 Ref



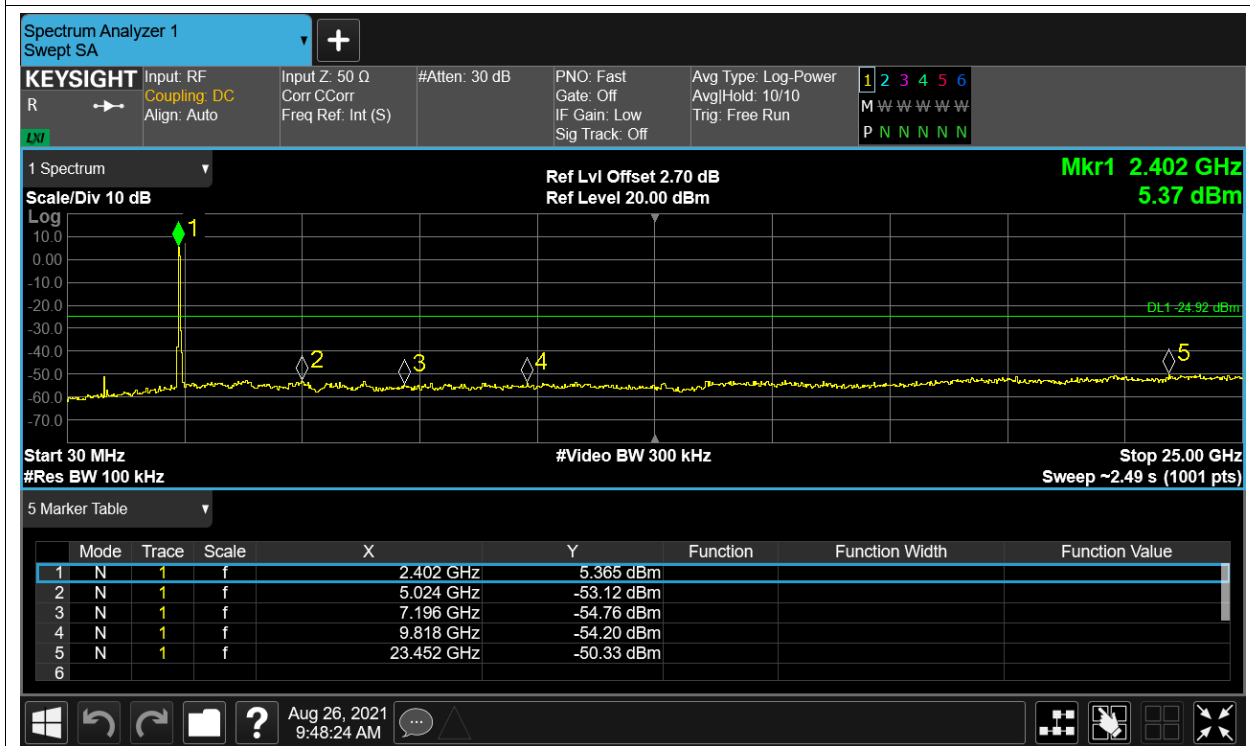
Tx. Spurious NVNT b 2462MHz Ant1 Emission



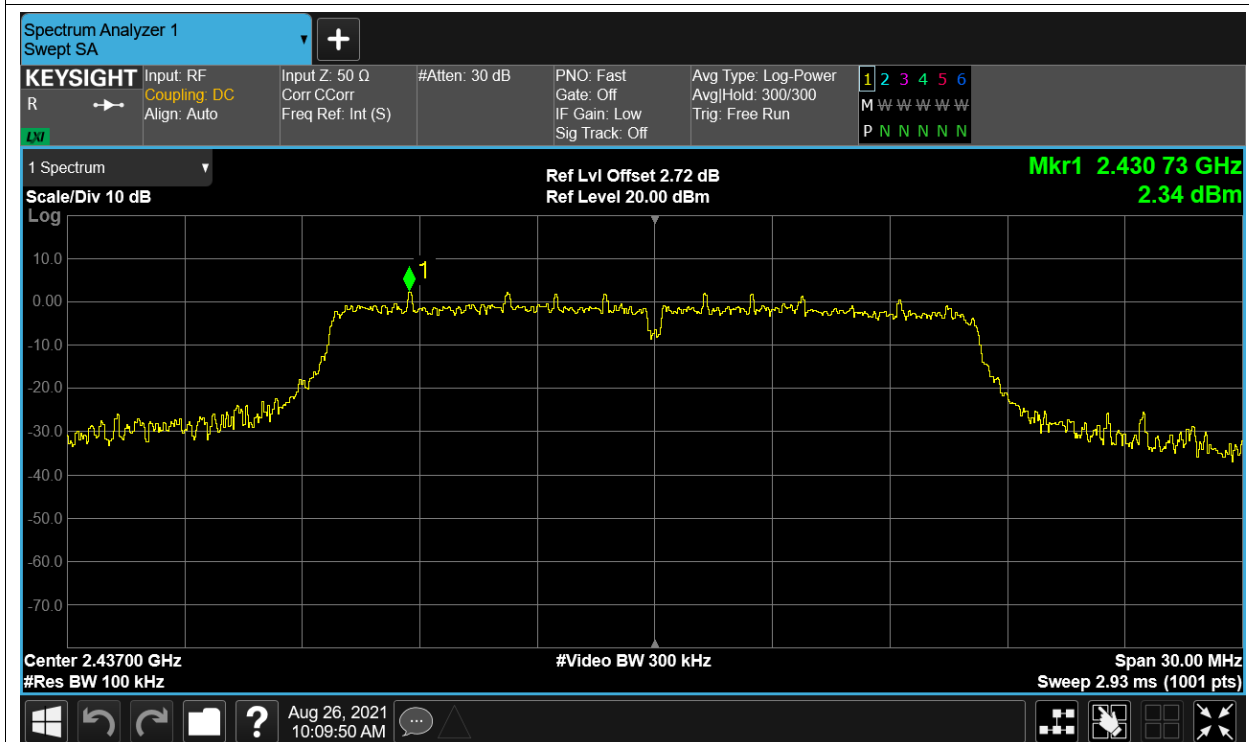
Tx. Spurious NVNT g 2412MHz Ant1 Ref



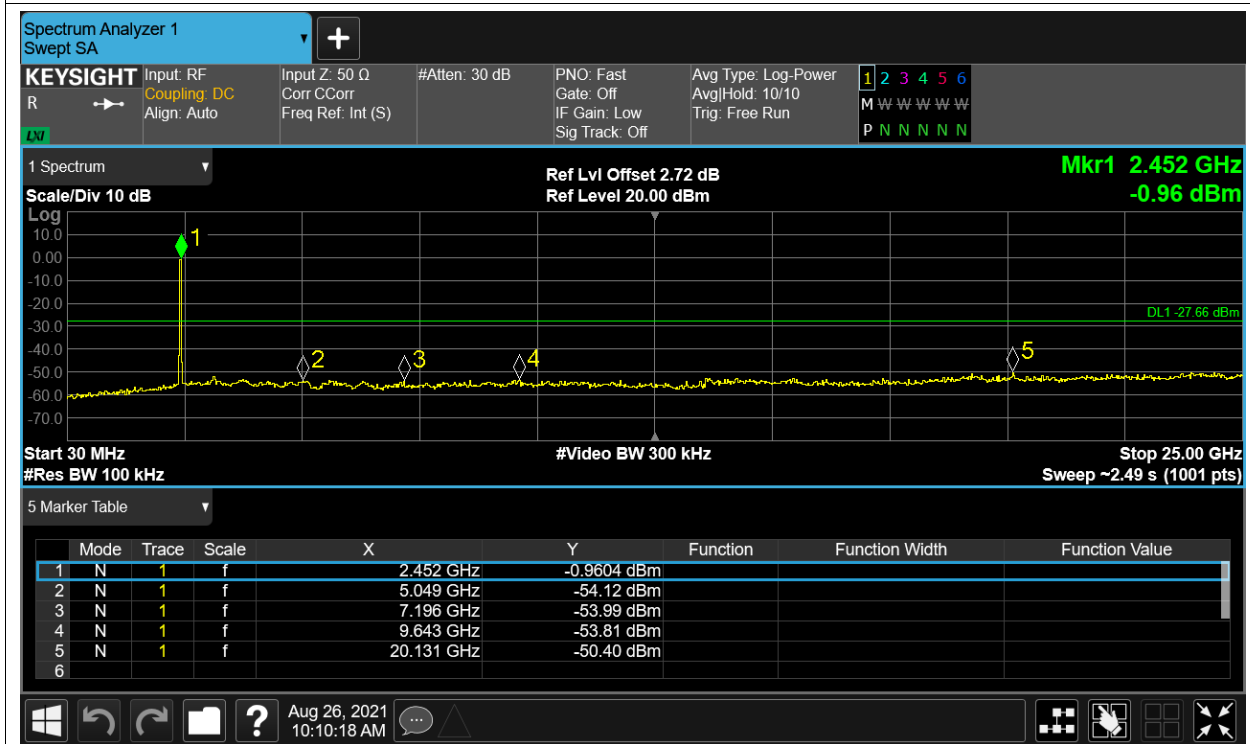
Tx. Spurious NVNT g 2412MHz Ant1 Emission



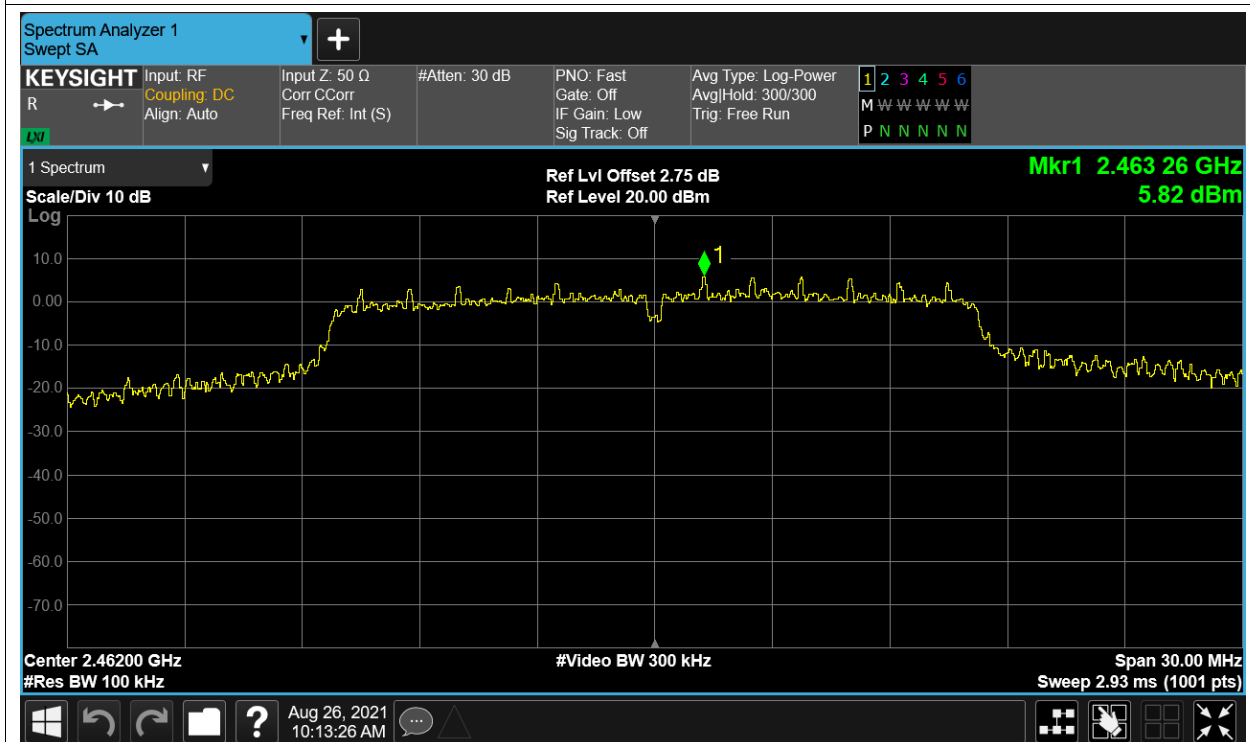
Tx. Spurious NVNT g 2437MHz Ant1 Ref



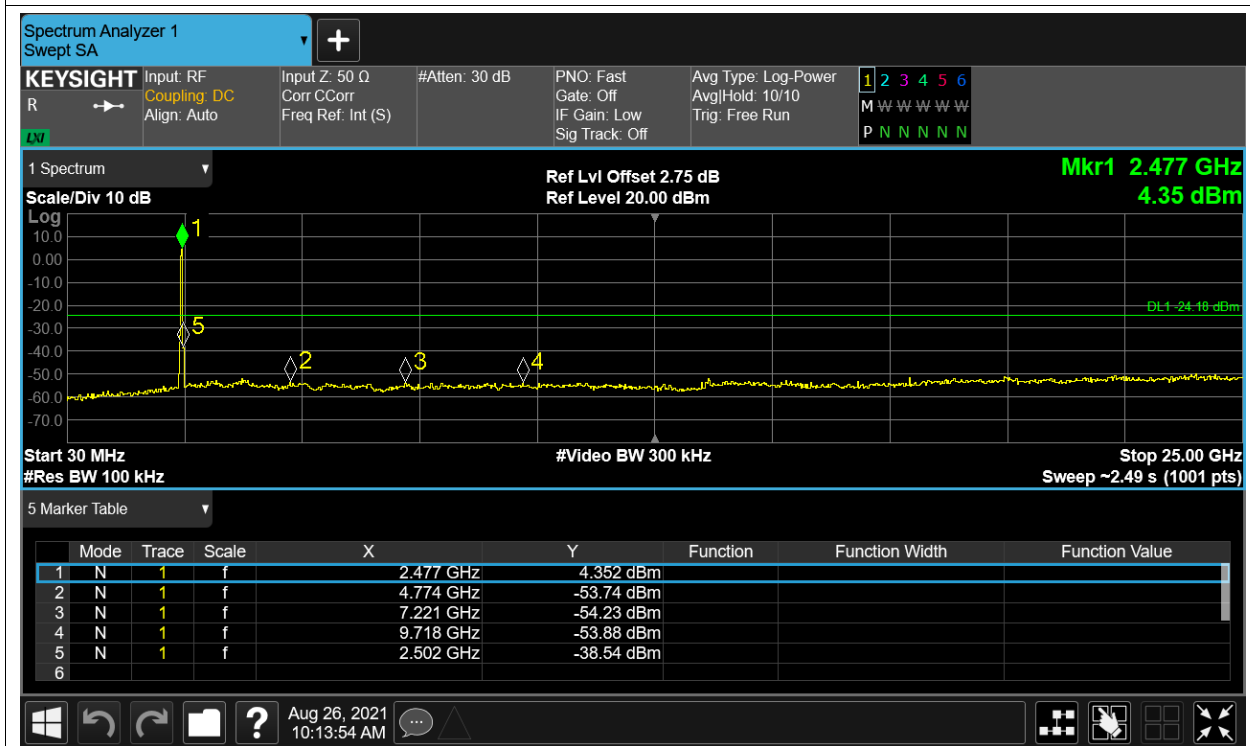
Tx. Spurious NVNT g 2437MHz Ant1 Emission



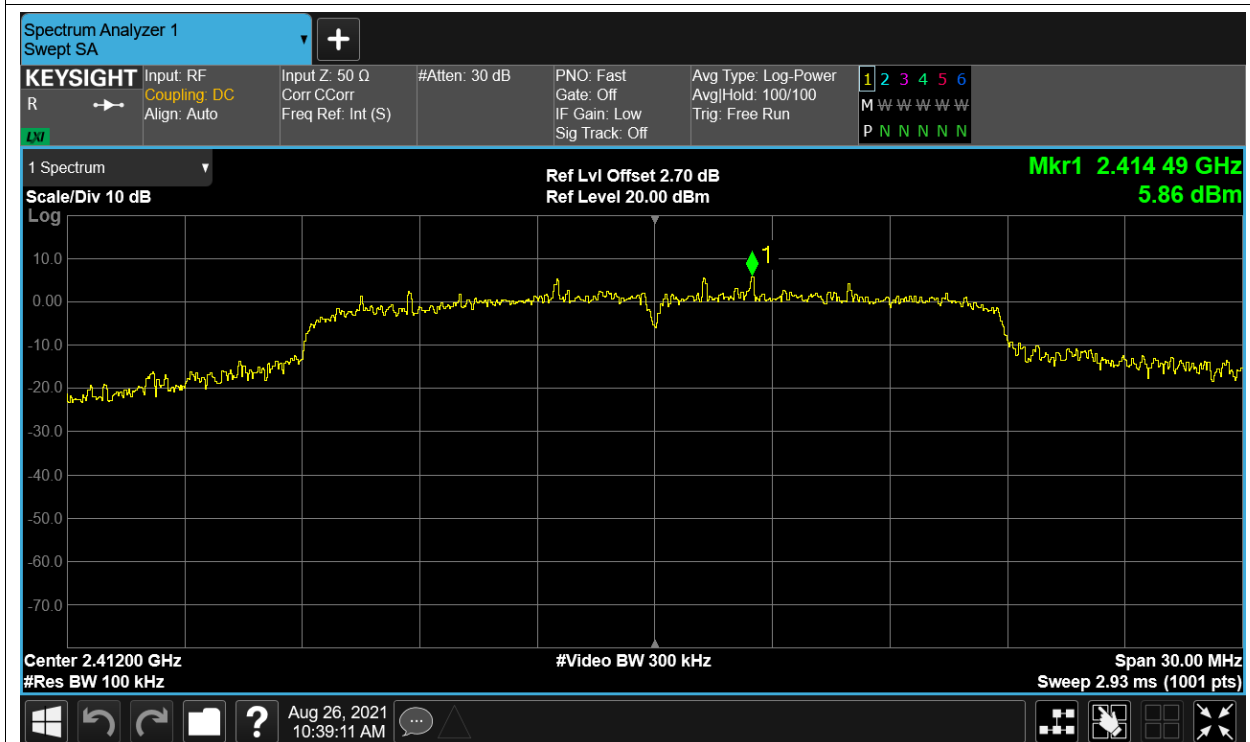
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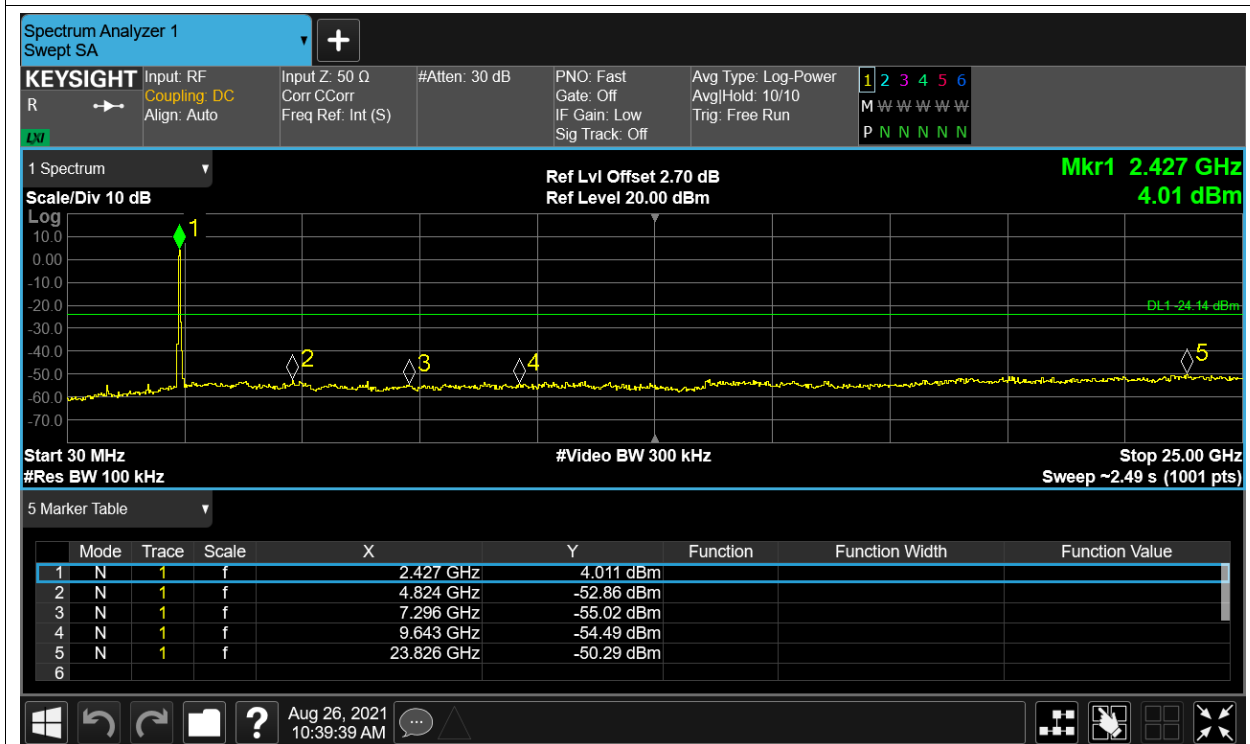
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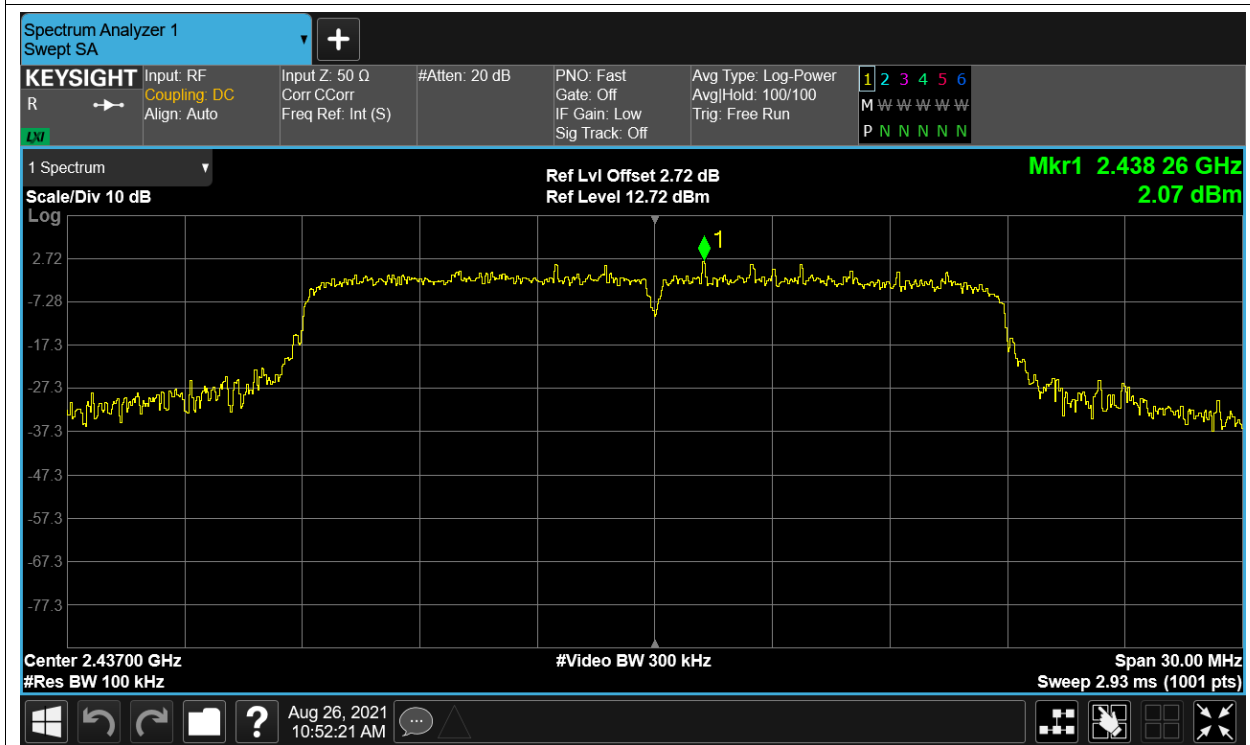
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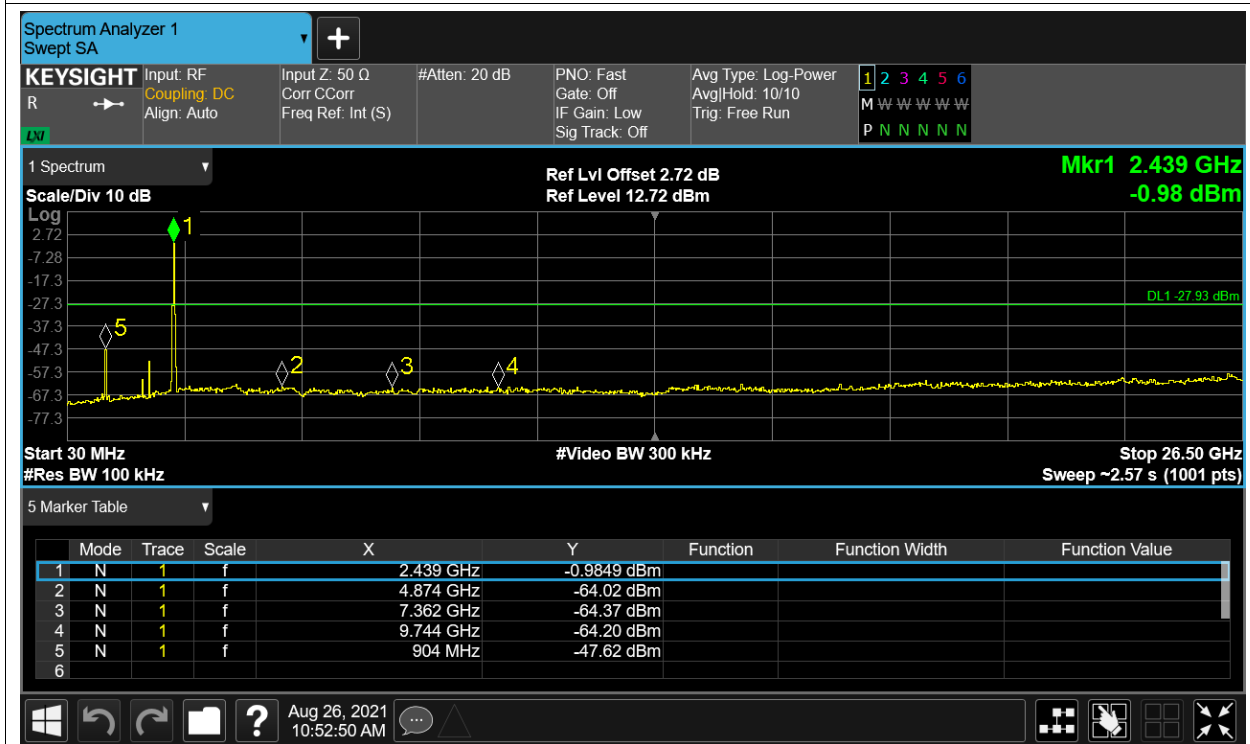
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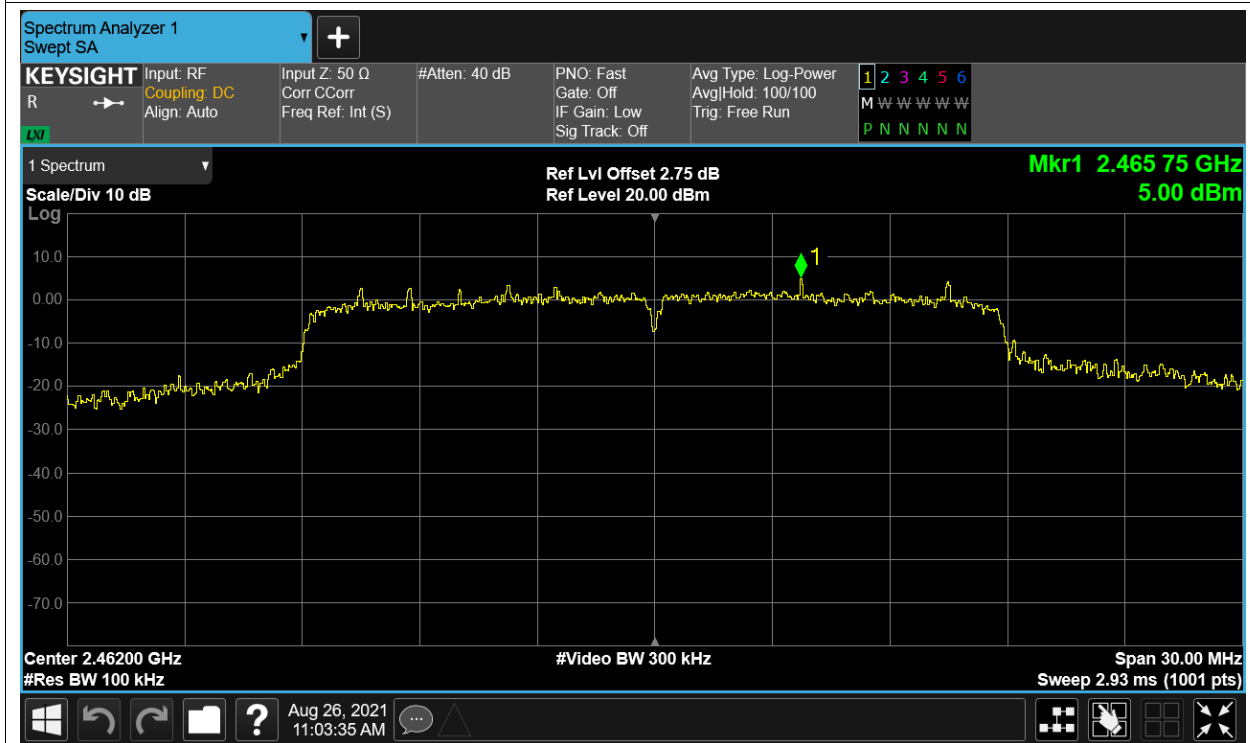
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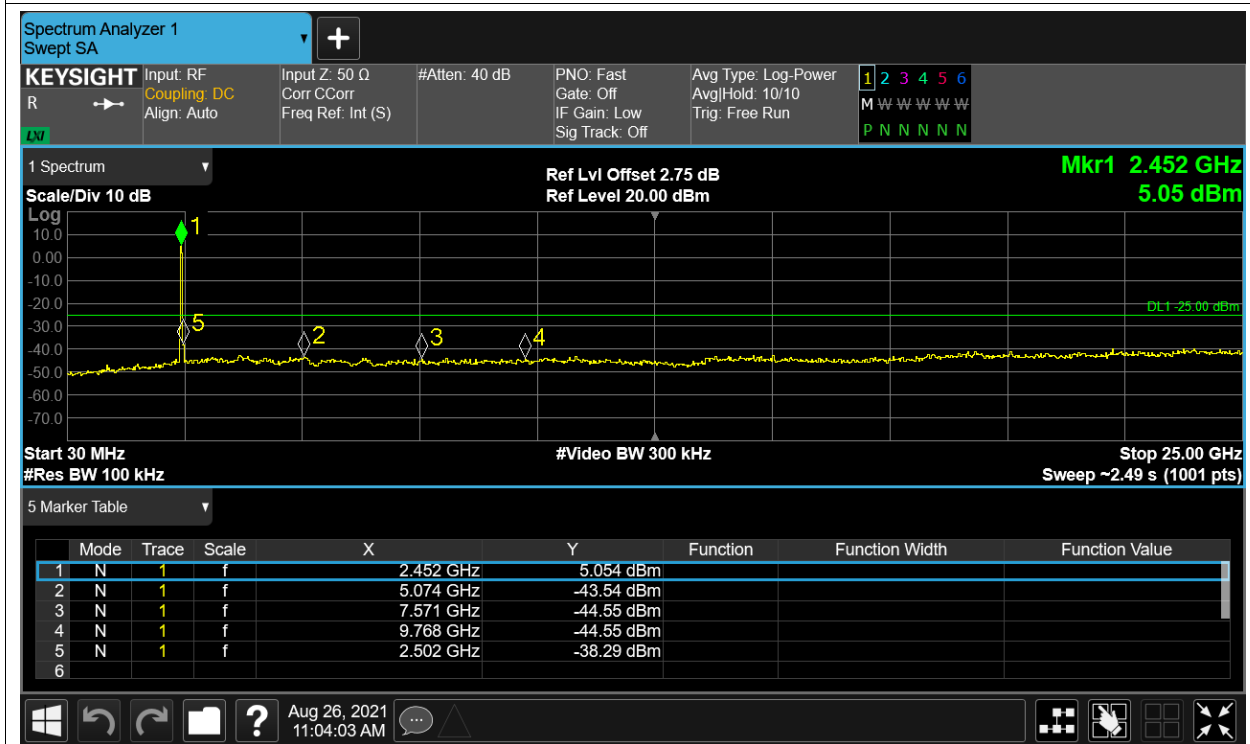
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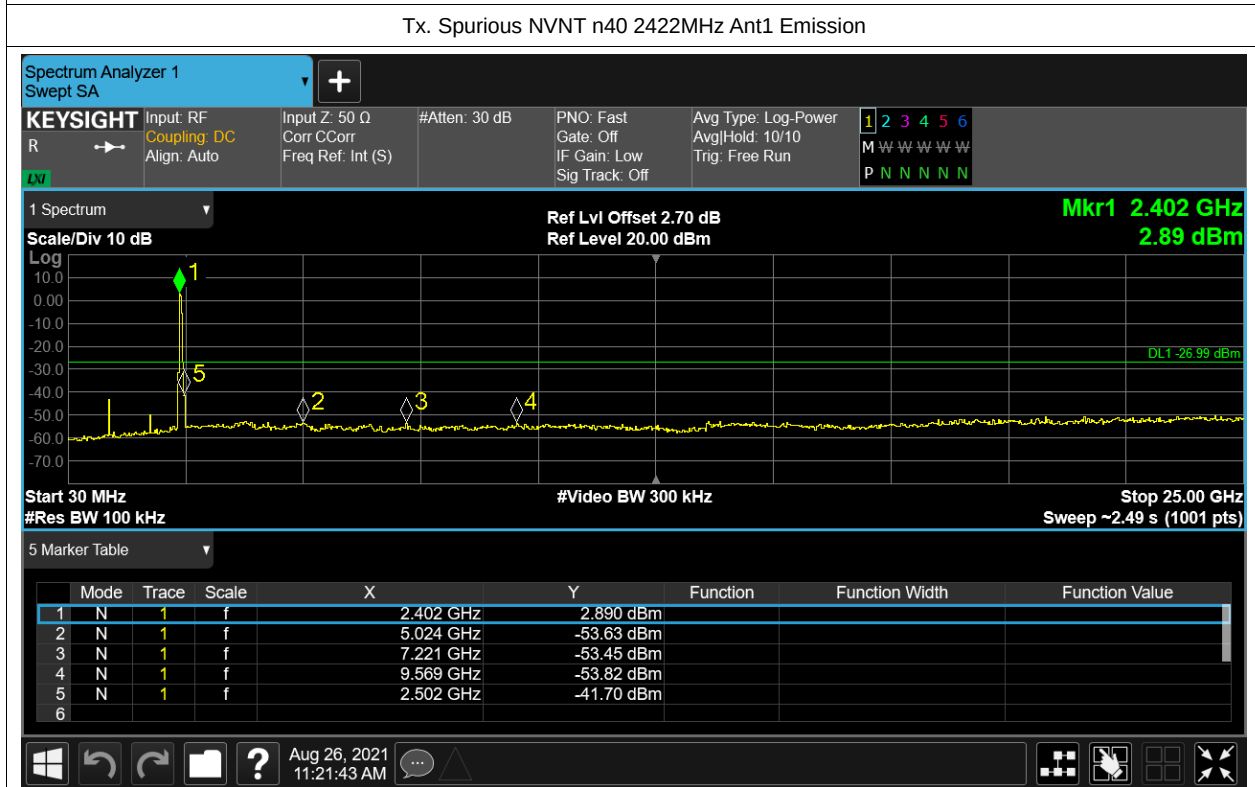
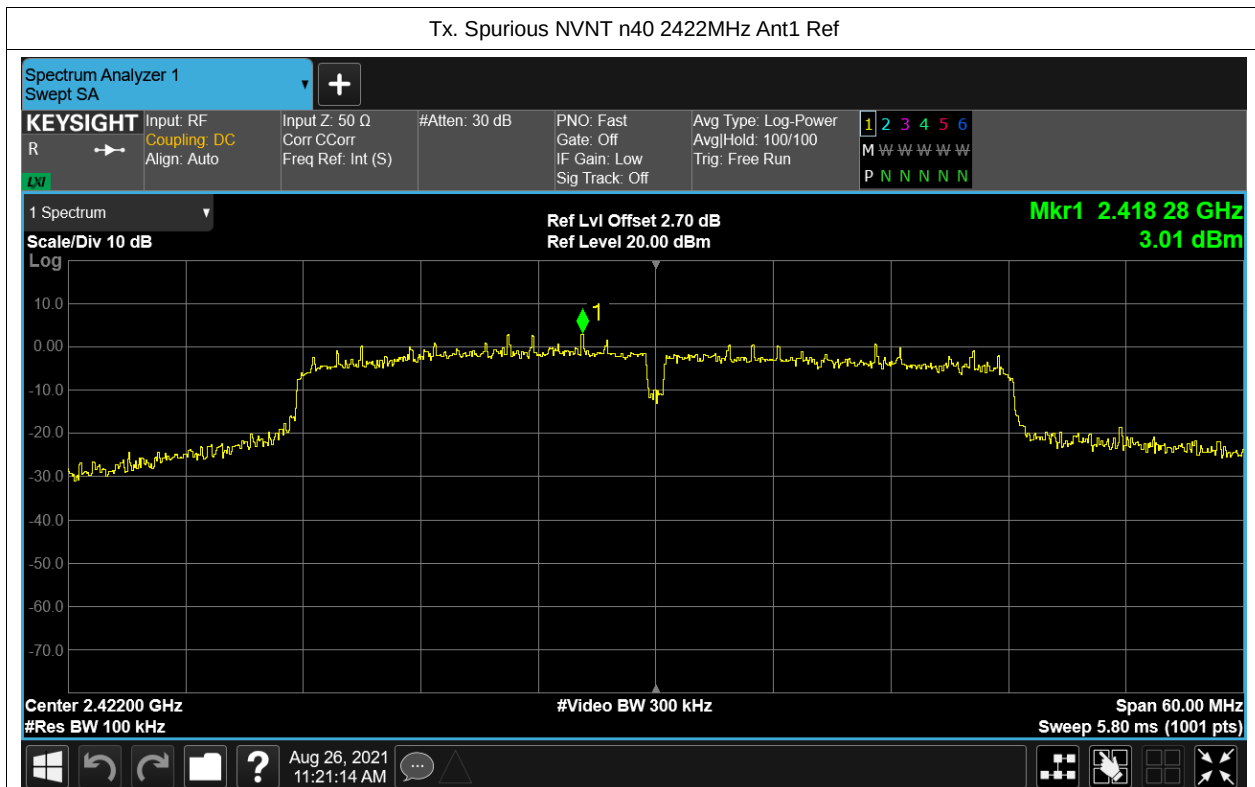


Tx. Spurious NVNT n20 2462MHz Ant1 Ref

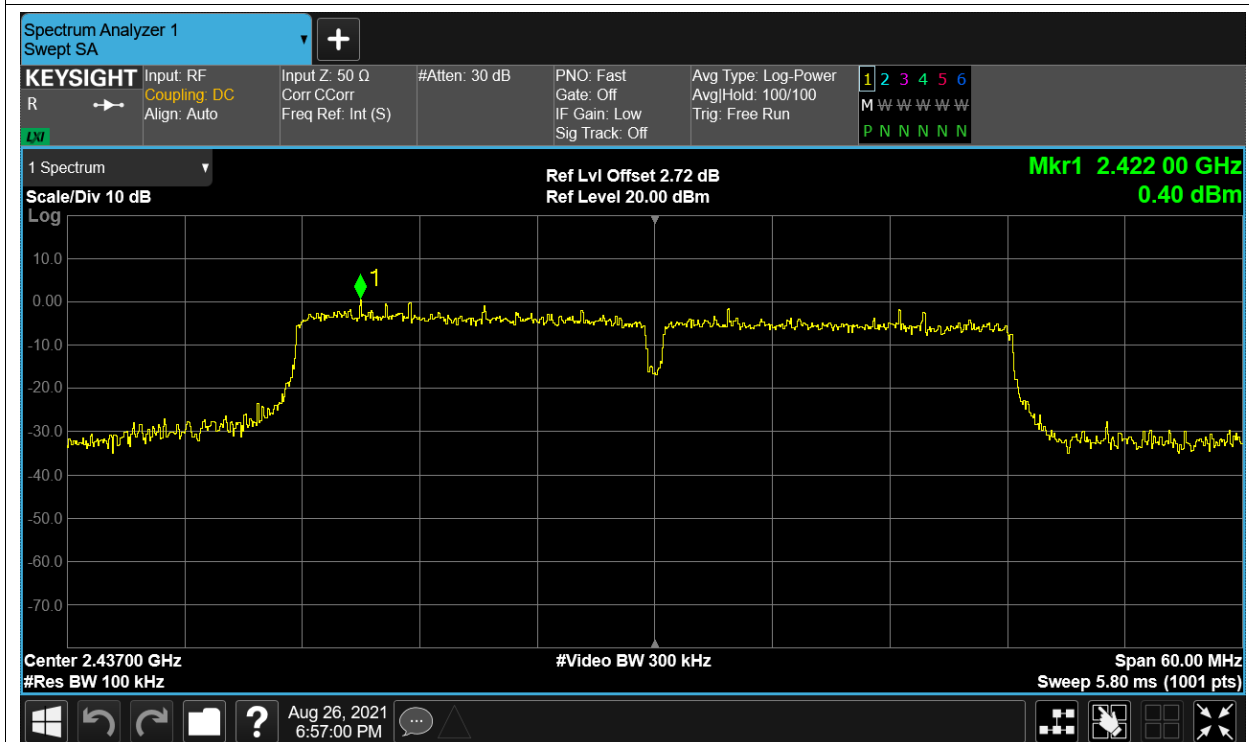


Tx. Spurious NVNT n20 2462MHz Ant1 Emission

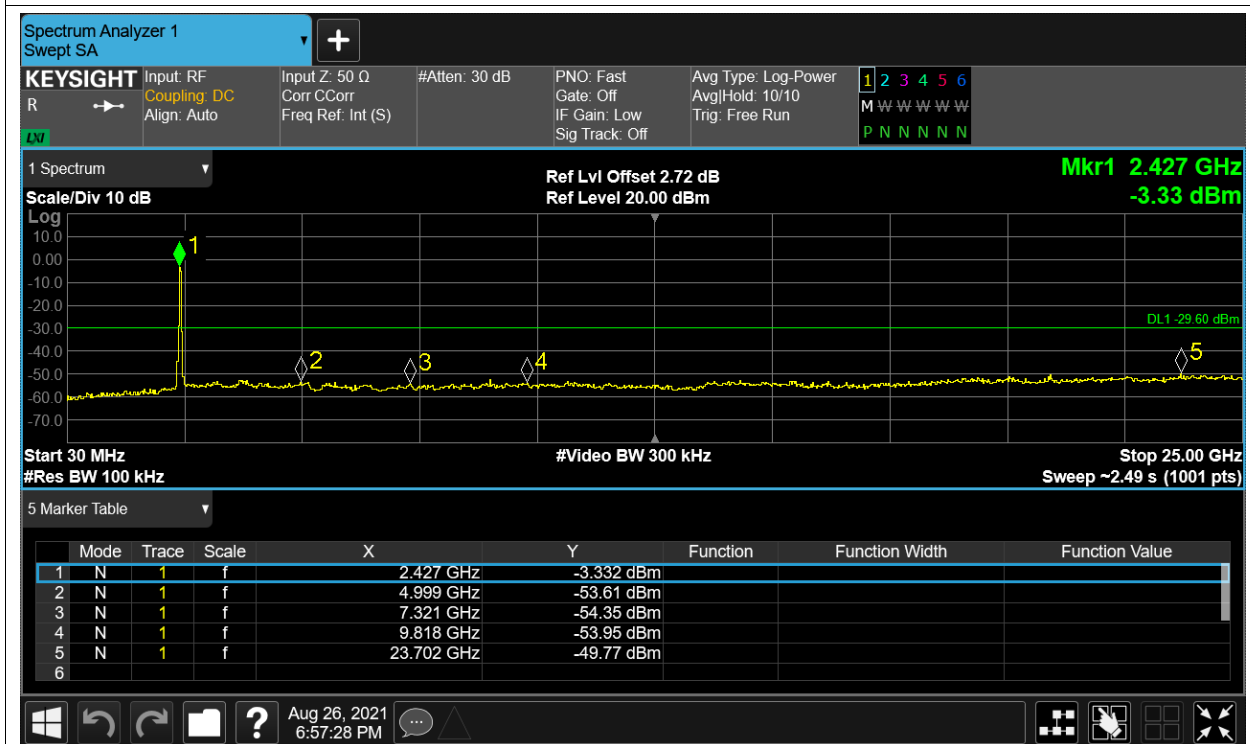




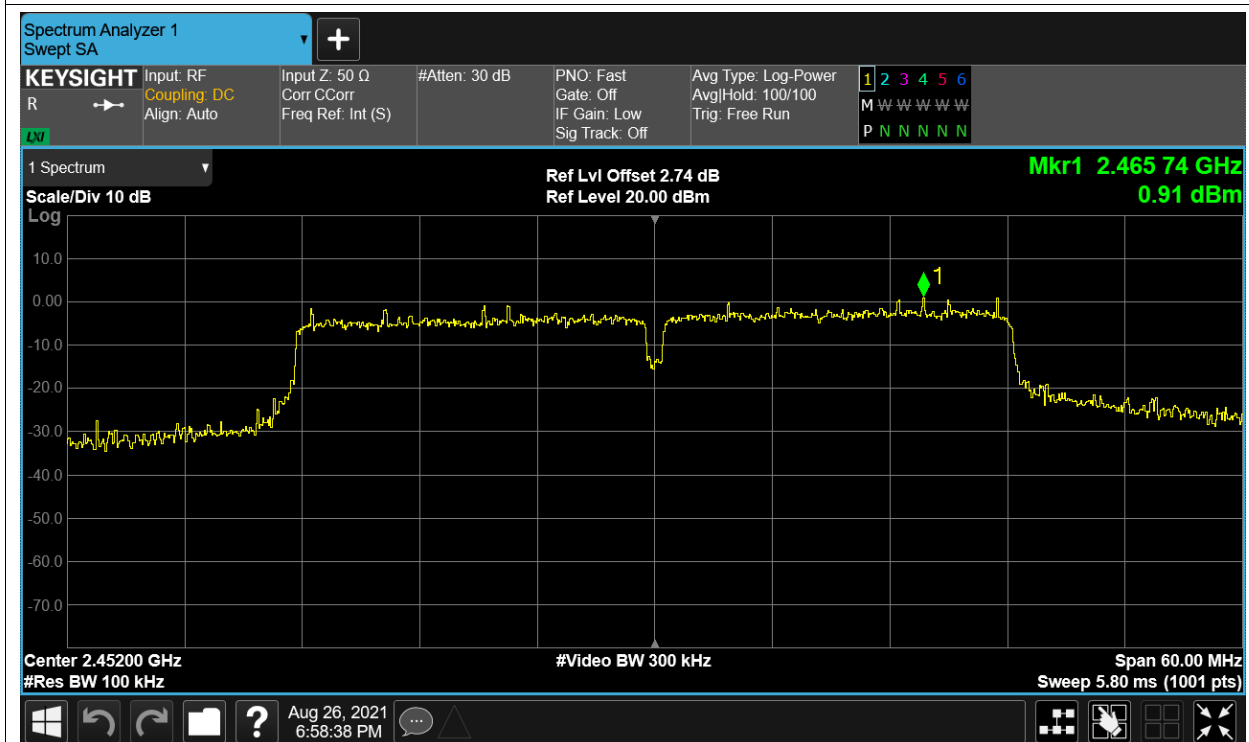
Tx. Spurious NVNT n40 2437MHz Ant1 Ref



Tx. Spurious NVNT n40 2437MHz Ant1 Emission



Tx. Spurious NVNT n40 2452MHz Ant1 Ref



Tx. Spurious NVNT n40 2452MHz Ant1 Emission

