

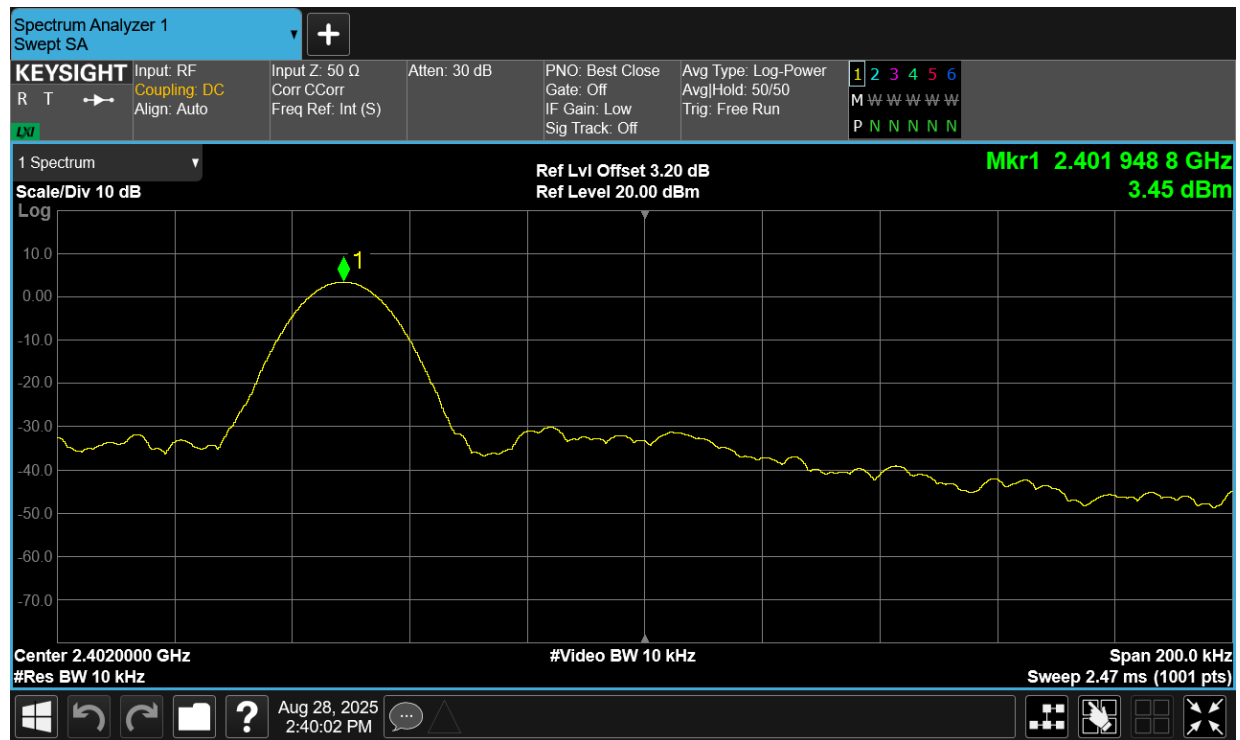
Test Data

Frequency Error

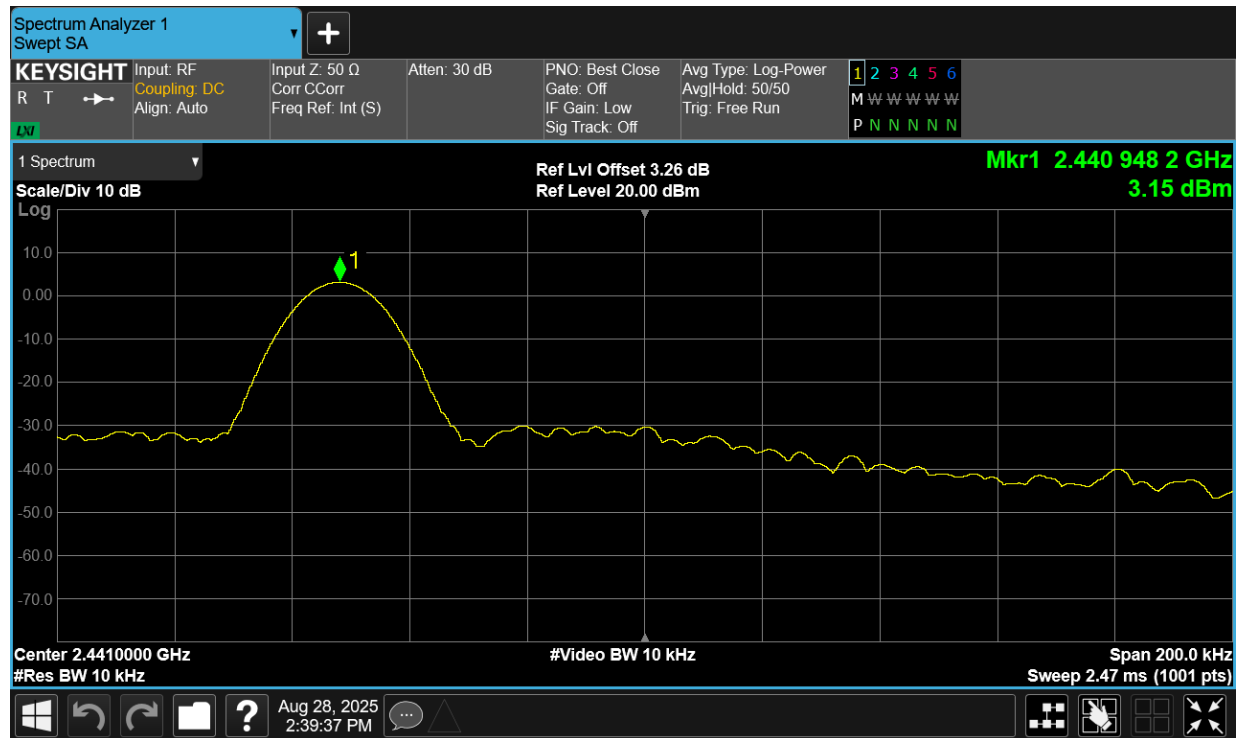
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	1-DH1	2402	Ant1	2401.9488	-21.32	50	Pass
NVNT	1-DH1	2441	Ant1	2440.9482	-21.22	50	Pass
NVNT	1-DH1	2480	Ant1	2479.9474	-21.21	50	Pass

Test Graphs

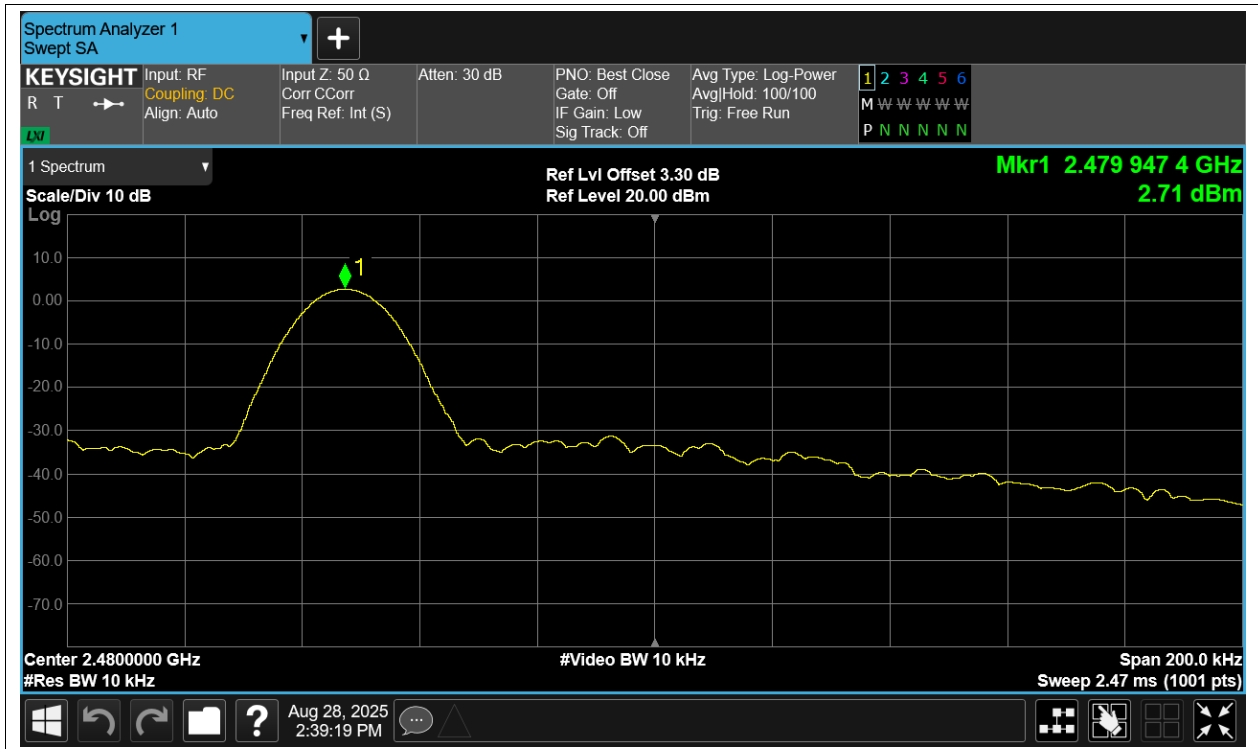
Freq. Error NVNT 1-DH1 2402MHz Ant1



Freq. Error NVNT 1-DH1 2441MHz Ant1



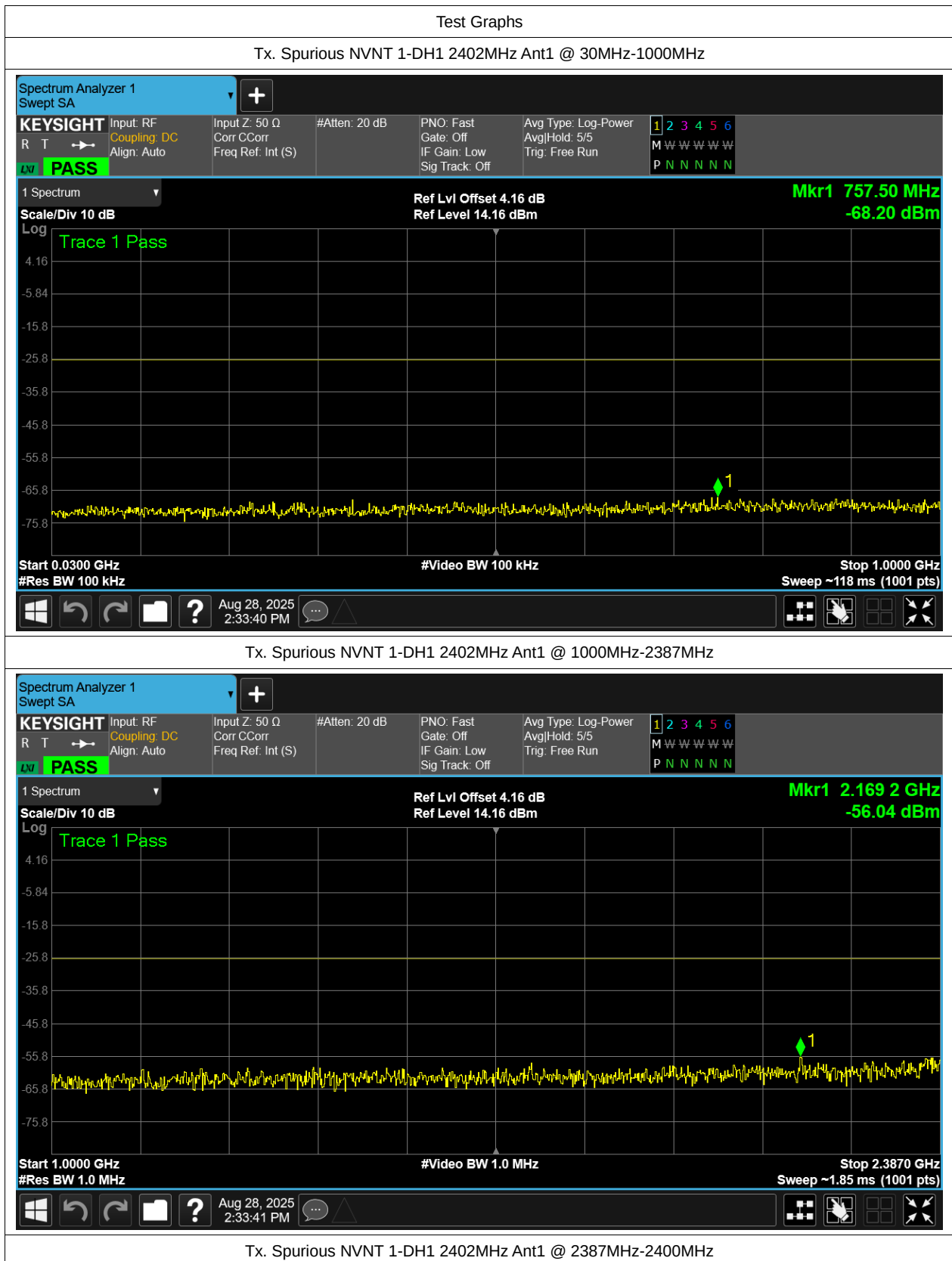
Freq. Error NVNT 1-DH1 2480MHz Ant1

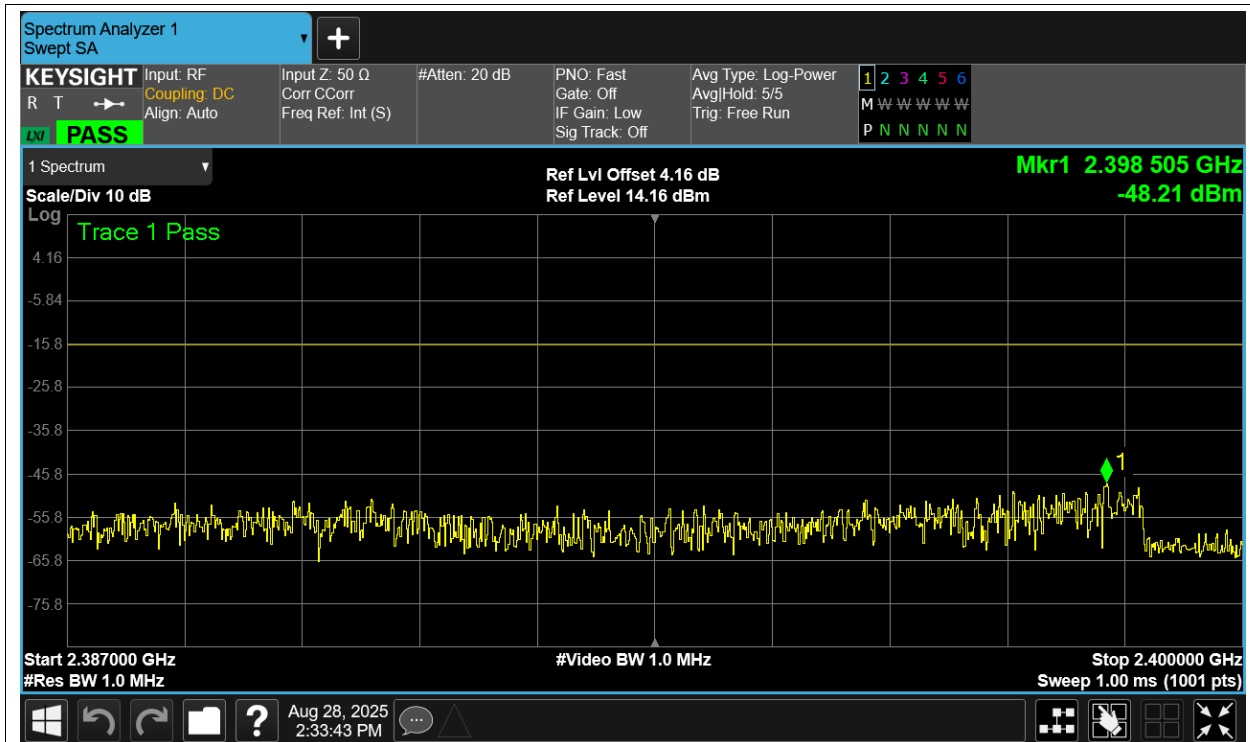


Tx Spurious Emission

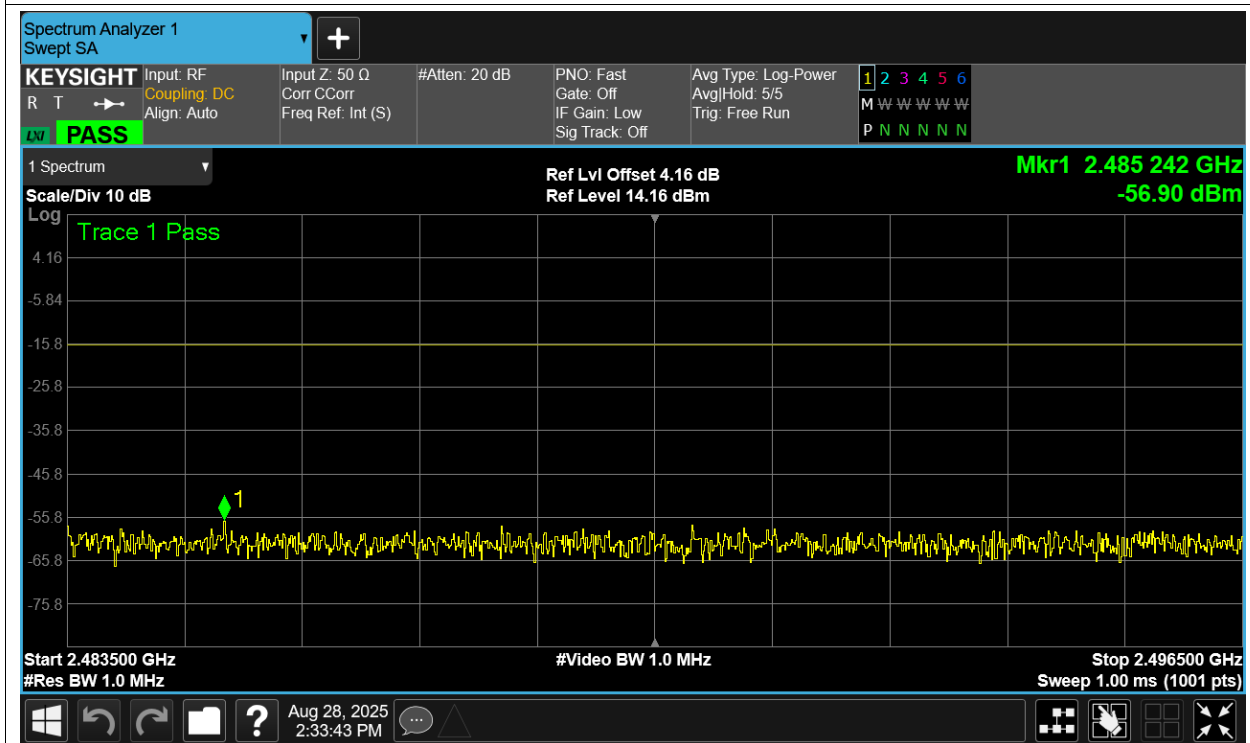
Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Emission Frequency (MHz)	Max Value (dBm)	Limit Start(dBm)	Limit Stop (dBm)	Verdict
NVNT	1-DH1	2402	Ant1	30-1000	757.5	-58.2	-26	-26	Pass
NVNT	1-DH1	2402	Ant1	1000-2387	2169.24	-56.04	-26	-26	Pass
NVNT	1-DH1	2402	Ant1	2387-2400	2398.51	-48.21	-16	-16	Pass
NVNT	1-DH1	2402	Ant1	2483.5-2496.5	2485.24	-56.9	-16	-16	Pass
NVNT	1-DH1	2402	Ant1	2496.5-13000	3830.44	-52.51	-26	-26	Pass
NVNT	1-DH1	2441	Ant1	30-1000	989.33	-57.21	-26	-26	Pass
NVNT	1-DH1	2441	Ant1	1000-2387	2141.5	-56.25	-26	-26	Pass
NVNT	1-DH1	2441	Ant1	2387-2400	2389.72	-55.94	-16	-16	Pass
NVNT	1-DH1	2441	Ant1	2483.5-2496.5	2493.5	-56.44	-16	-16	Pass
NVNT	1-DH1	2441	Ant1	2496.5-13000	3788.43	-53.02	-26	-26	Pass
NVNT	1-DH1	2480	Ant1	30-1000	884.57	-57.3	-26	-26	Pass
NVNT	1-DH1	2480	Ant1	1000-2387	2148.44	-56.48	-26	-26	Pass
NVNT	1-DH1	2480	Ant1	2387-2400	2393.45	-57.14	-16	-16	Pass
NVNT	1-DH1	2480	Ant1	2483.5-2496.5	2483.88	-47.46	-16	-16	Pass
NVNT	1-DH1	2480	Ant1	2496.5-13000	3777.93	-52.59	-26	-26	Pass
NVNT	2-DH1	2402	Ant1	30-1000	966.05	-57.46	-26	-26	Pass
NVNT	2-DH1	2402	Ant1	1000-2387	2301.01	-56.07	-26	-26	Pass
NVNT	2-DH1	2402	Ant1	2387-2400	2400	-39.7	-16	-16	Pass
NVNT	2-DH1	2402	Ant1	2483.5-2496.5	2492.17	-56.05	-16	-16	Pass
NVNT	2-DH1	2402	Ant1	2496.5-13000	3809.44	-53.61	-26	-26	Pass
NVNT	2-DH1	2441	Ant1	30-1000	799.21	-56.8	-26	-26	Pass
NVNT	2-DH1	2441	Ant1	1000-2387	2212.24	-55.36	-26	-26	Pass
NVNT	2-DH1	2441	Ant1	2387-2400	2398.9	-56.9	-16	-16	Pass
NVNT	2-DH1	2441	Ant1	2483.5-2496.5	2484.58	-57.33	-16	-16	Pass
NVNT	2-DH1	2441	Ant1	2496.5-13000	3693.9	-53	-26	-26	Pass
NVNT	2-DH1	2480	Ant1	30-1000	801.15	-56.32	-26	-26	Pass
NVNT	2-DH1	2480	Ant1	1000-2387	2371.74	-55.09	-26	-26	Pass
NVNT	2-DH1	2480	Ant1	2387-2400	2393.88	-56.22	-16	-16	Pass
NVNT	2-DH1	2480	Ant1	2483.5-2496.5	2483.88	-47.93	-16	-16	Pass
NVNT	2-DH1	2480	Ant1	2496.5-13000	6319.77	-51.87	-26	-26	Pass
NVNT	3-DH1	2402	Ant1	30-1000	851.59	-56.49	-26	-26	Pass
NVNT	3-DH1	2402	Ant1	1000-2387	2370.36	-54.43	-26	-26	Pass
NVNT	3-DH1	2402	Ant1	2387-2400	2399.95	-36.47	-16	-16	Pass
NVNT	3-DH1	2402	Ant1	2483.5-2496.5	2487.27	-57.54	-16	-16	Pass
NVNT	3-DH1	2402	Ant1	2496.5-13000	3735.91	-53.19	-26	-26	Pass
NVNT	3-DH1	2441	Ant1	30-1000	916.58	-56.01	-26	-26	Pass
NVNT	3-DH1	2441	Ant1	1000-2387	2241.36	-55.69	-26	-26	Pass
NVNT	3-DH1	2441	Ant1	2387-2400	2399.73	-56.34	-16	-16	Pass
NVNT	3-DH1	2441	Ant1	2483.5-2496.5	2487.73	-57.04	-16	-16	Pass
NVNT	3-DH1	2441	Ant1	2496.5-13000	5059.35	-52.82	-26	-26	Pass

NVNT	3-DH1	2480	Ant1	30-1000	925.31	-55.46	-26	-26	Pass
NVNT	3-DH1	2480	Ant1	1000-2387	2332.91	-55.68	-26	-26	Pass
NVNT	3-DH1	2480	Ant1	2387-2400	2398.23	-57.45	-16	-16	Pass
NVNT	3-DH1	2480	Ant1	2483.5-2496.5	2483.77	-49.55	-16	-16	Pass
NVNT	3-DH1	2480	Ant1	2496.5-13000	3809.44	-51.53	-26	-26	Pass

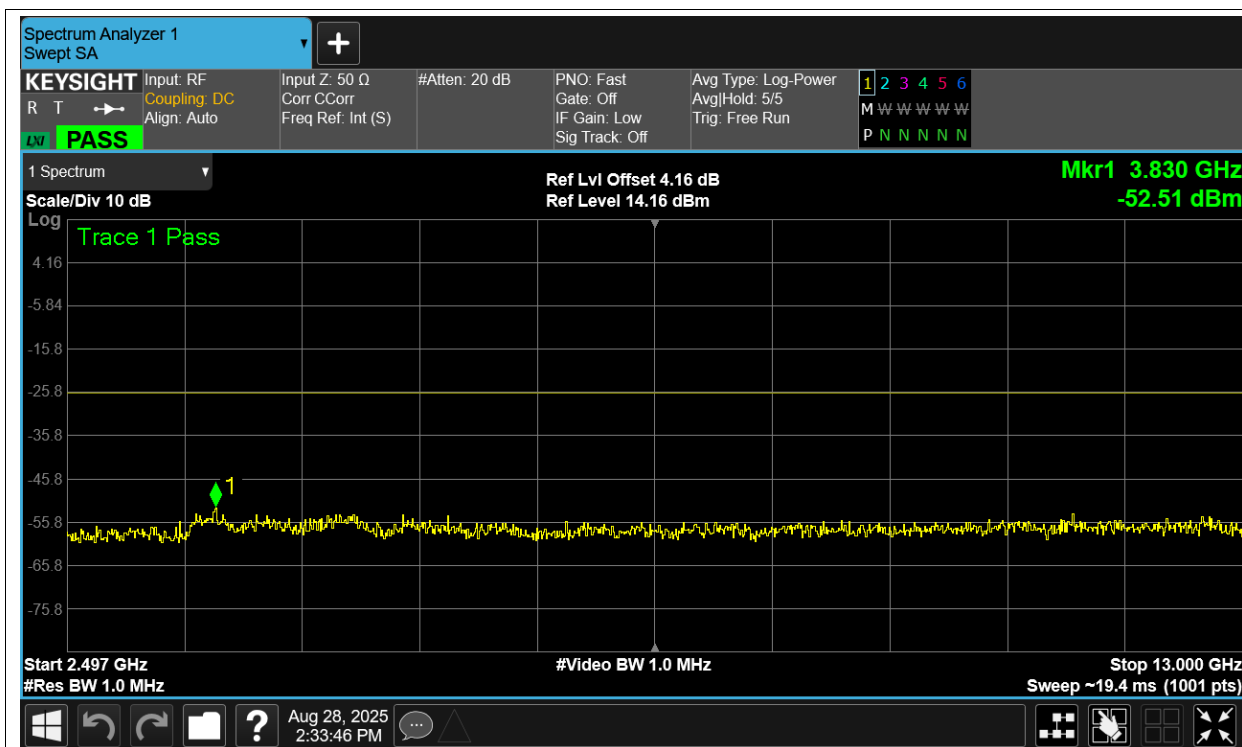




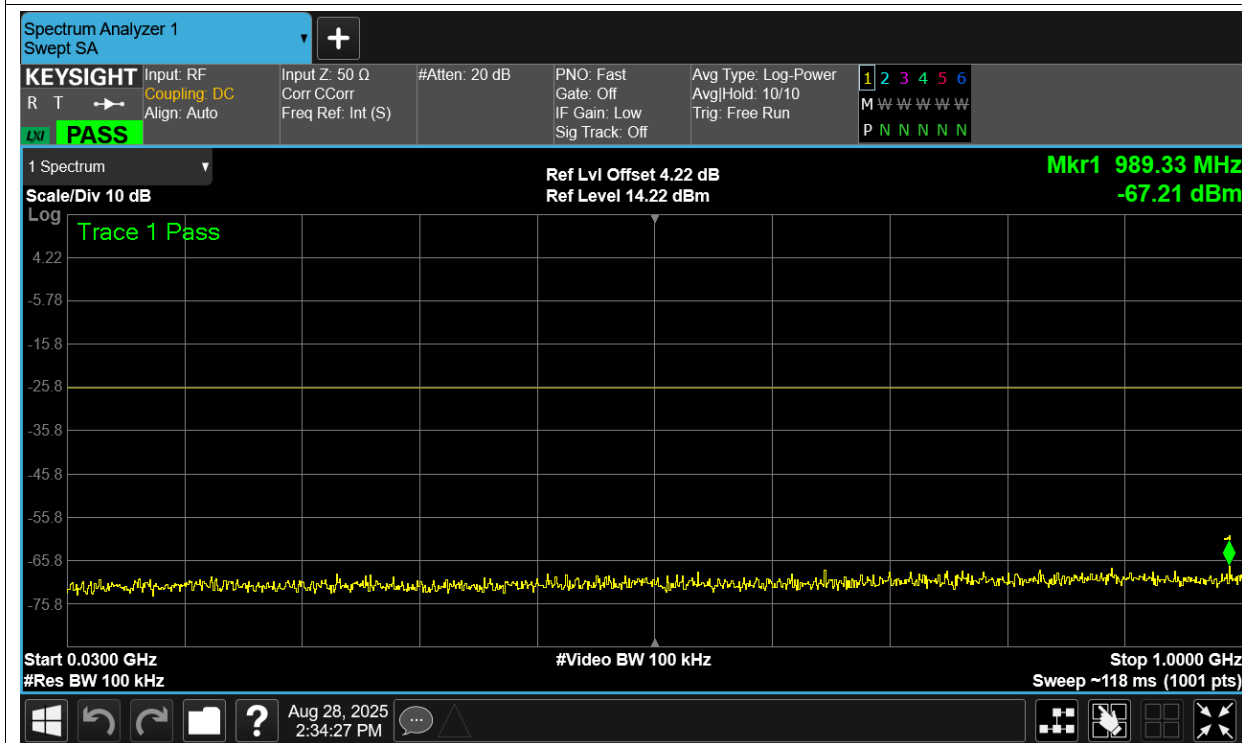
Tx. Spurious NVNT 1-DH1 2402MHz Ant1 @ 2483.5MHz-2496.5MHz



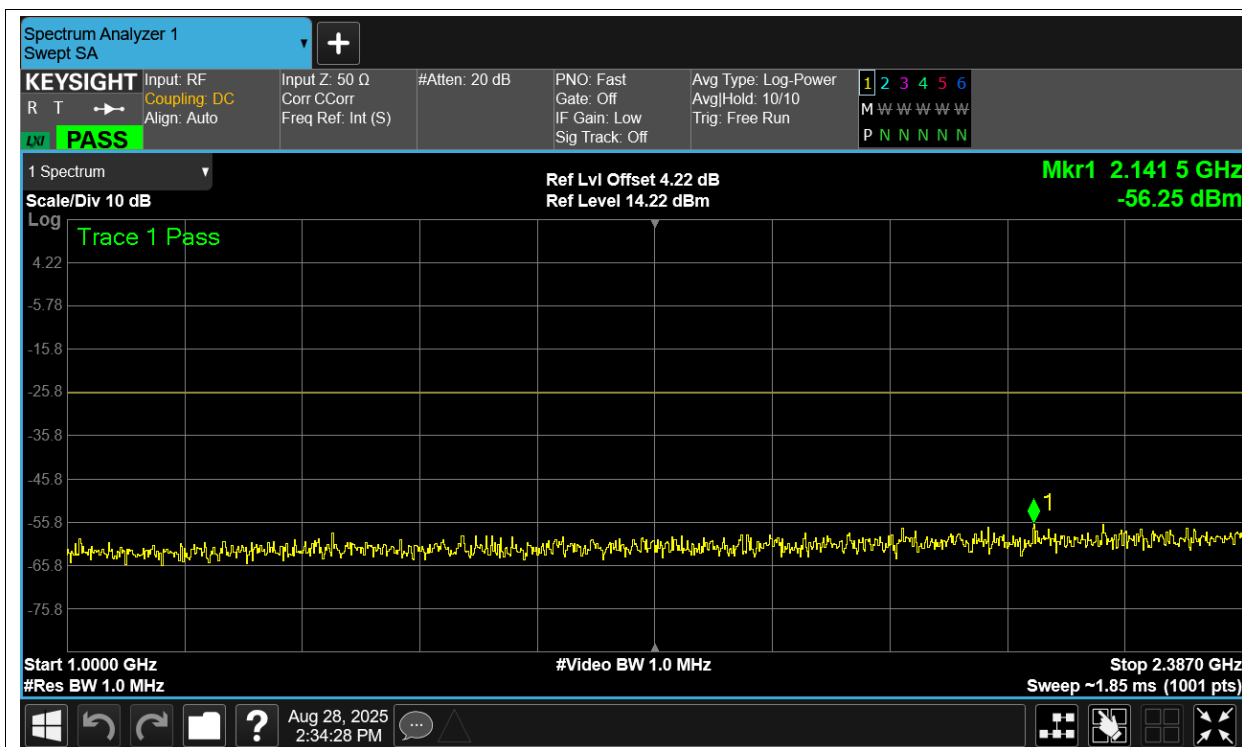
Tx. Spurious NVNT 1-DH1 2402MHz Ant1 @ 2496.5MHz-13000MHz



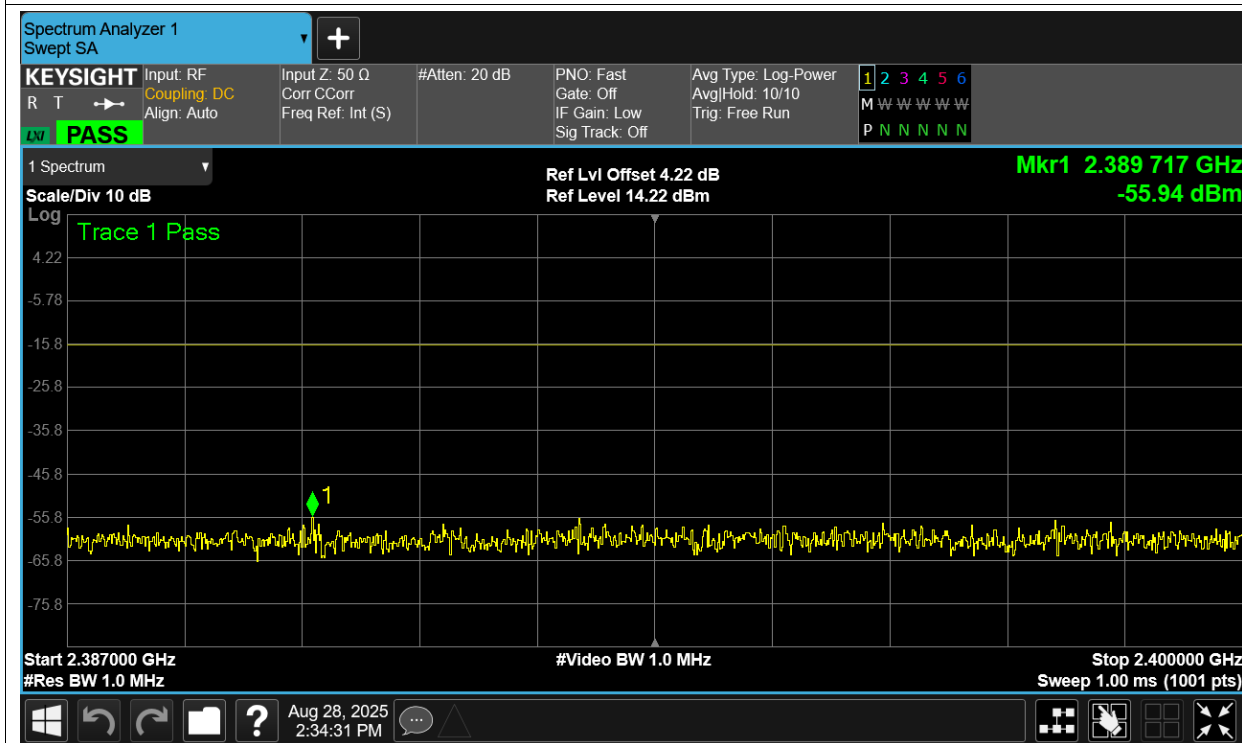
Tx. Spurious NVNT 1-DH1 2441MHz Ant1 @ 30MHz-1000MHz



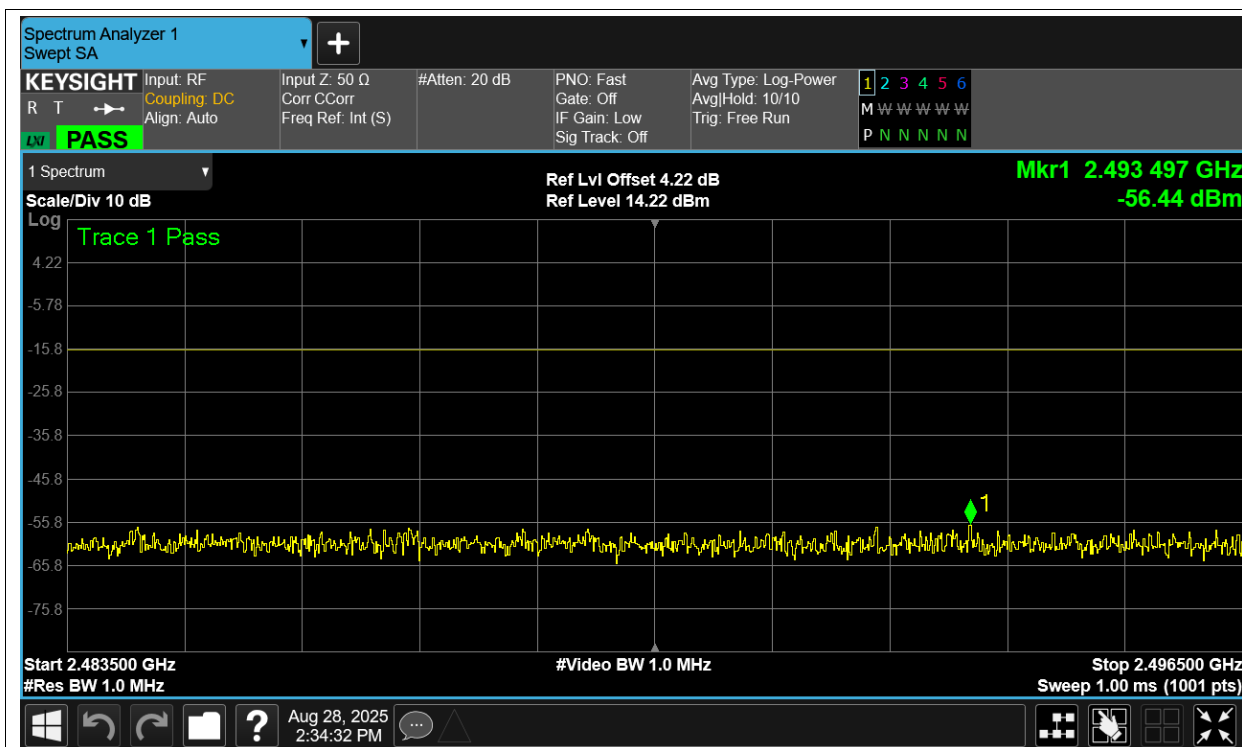
Tx. Spurious NVNT 1-DH1 2441MHz Ant1 @ 1000MHz-2387MHz



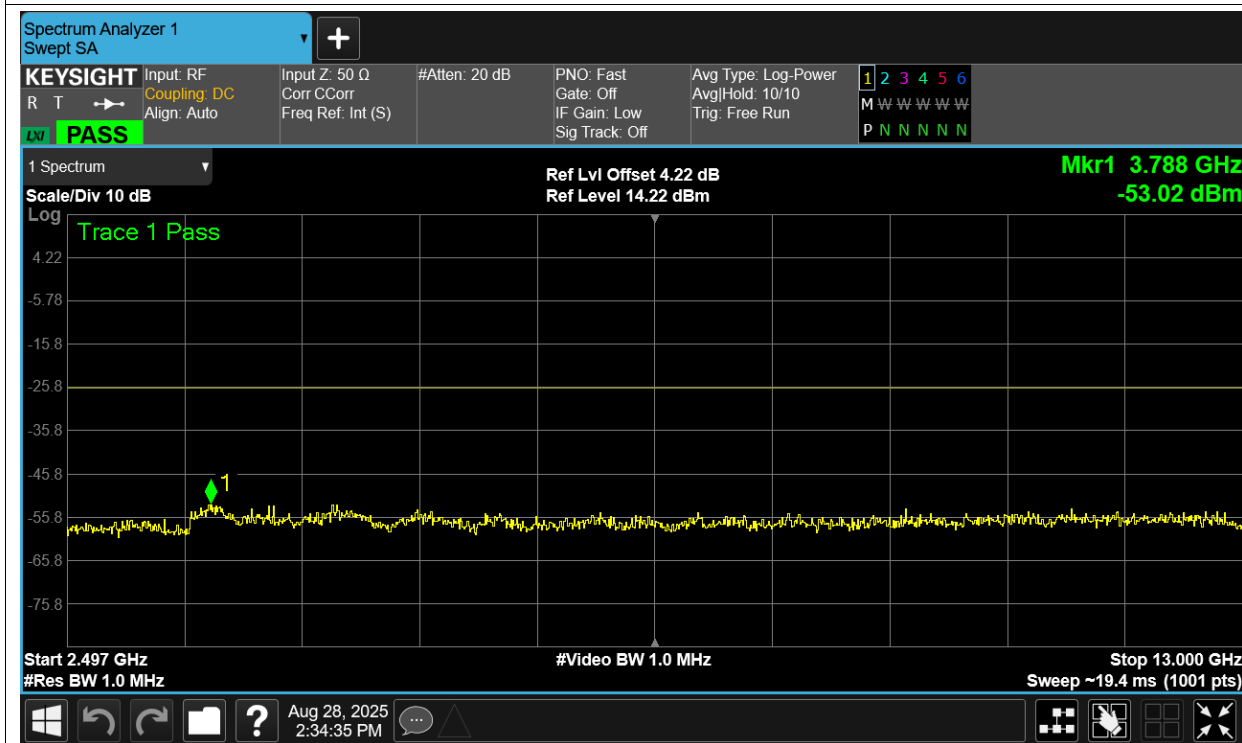
Tx. Spurious NVNT 1-DH1 2441MHz Ant1 @ 2387MHz-2400MHz



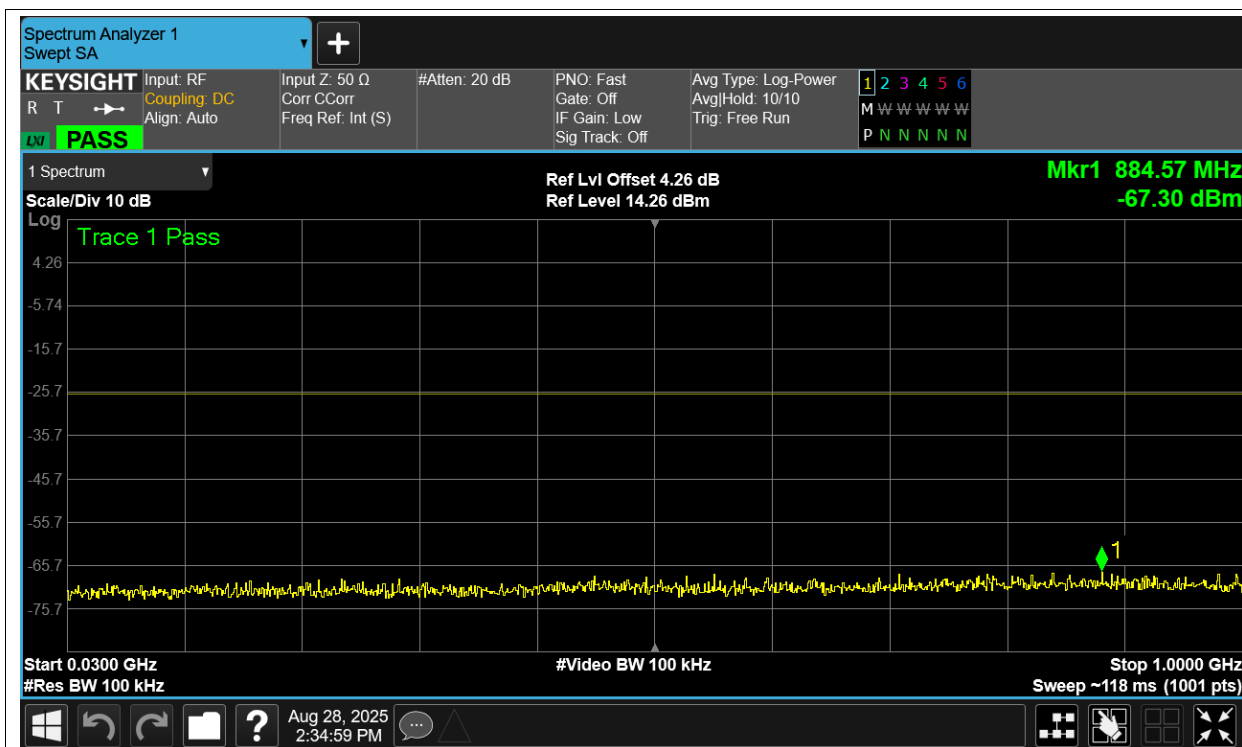
Tx. Spurious NVNT 1-DH1 2441MHz Ant1 @ 2483.5MHz-2496.5MHz



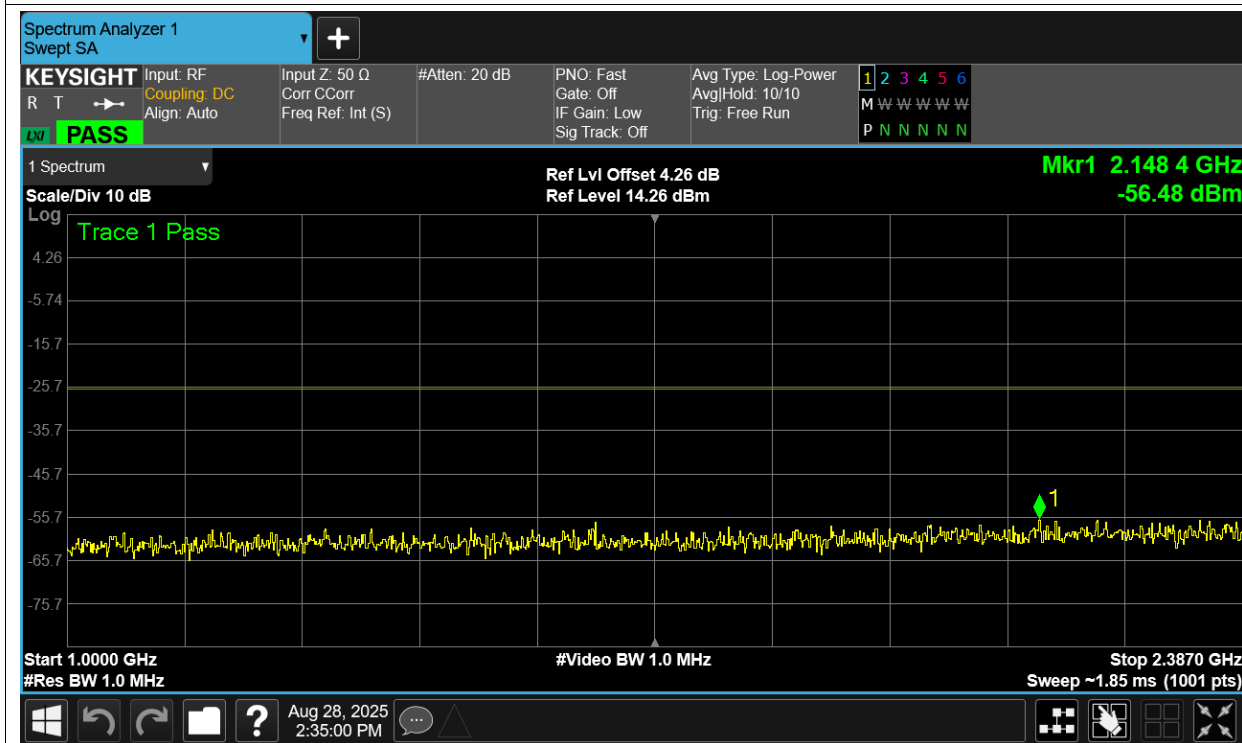
Tx. Spurious NVNT 1-DH1 2441MHz Ant1 @ 2496.5MHz-13000MHz



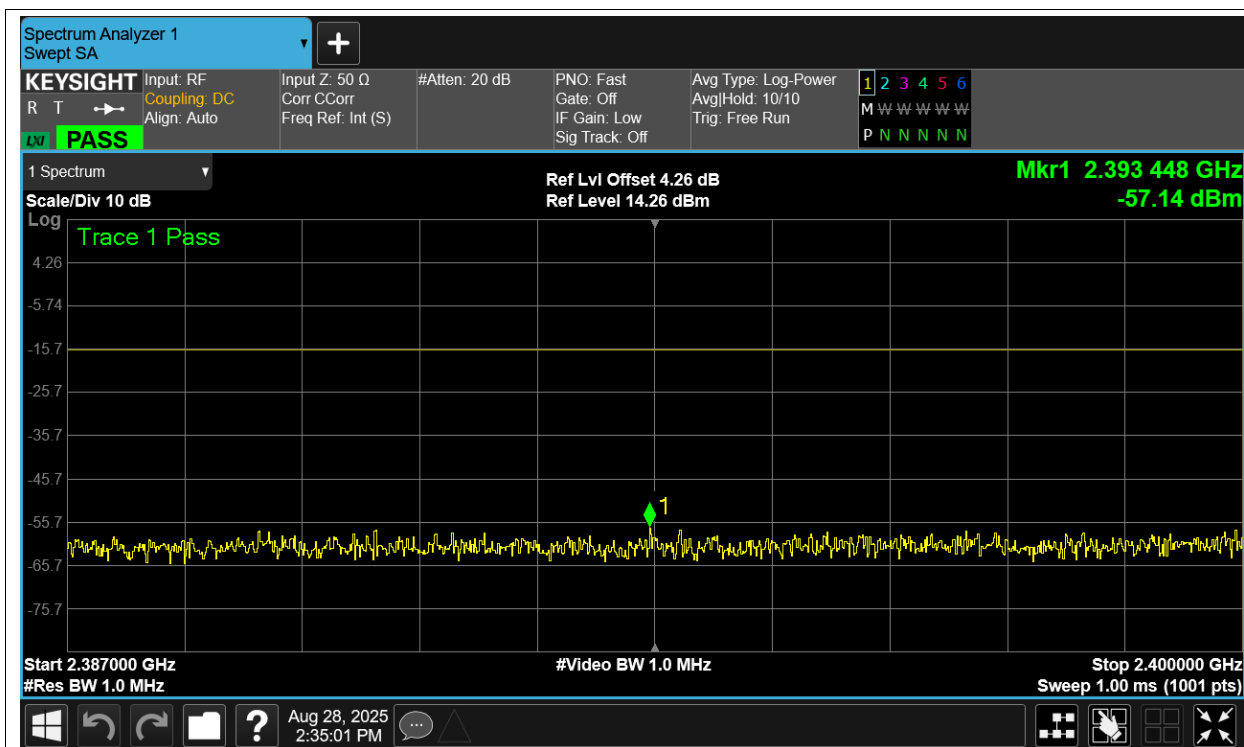
Tx. Spurious NVNT 1-DH1 2480MHz Ant1 @ 30MHz-1000MHz



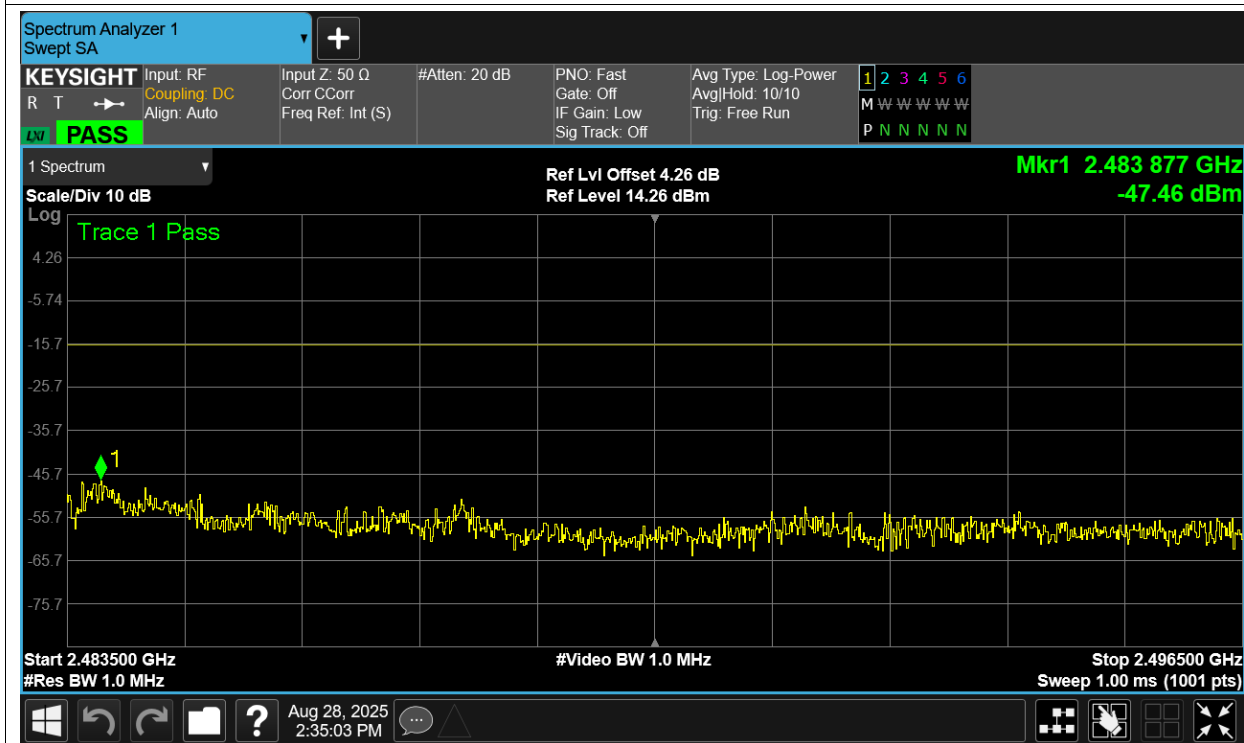
Tx. Spurious NVNT 1-DH1 2480MHz Ant1 @ 1000MHz-2387MHz



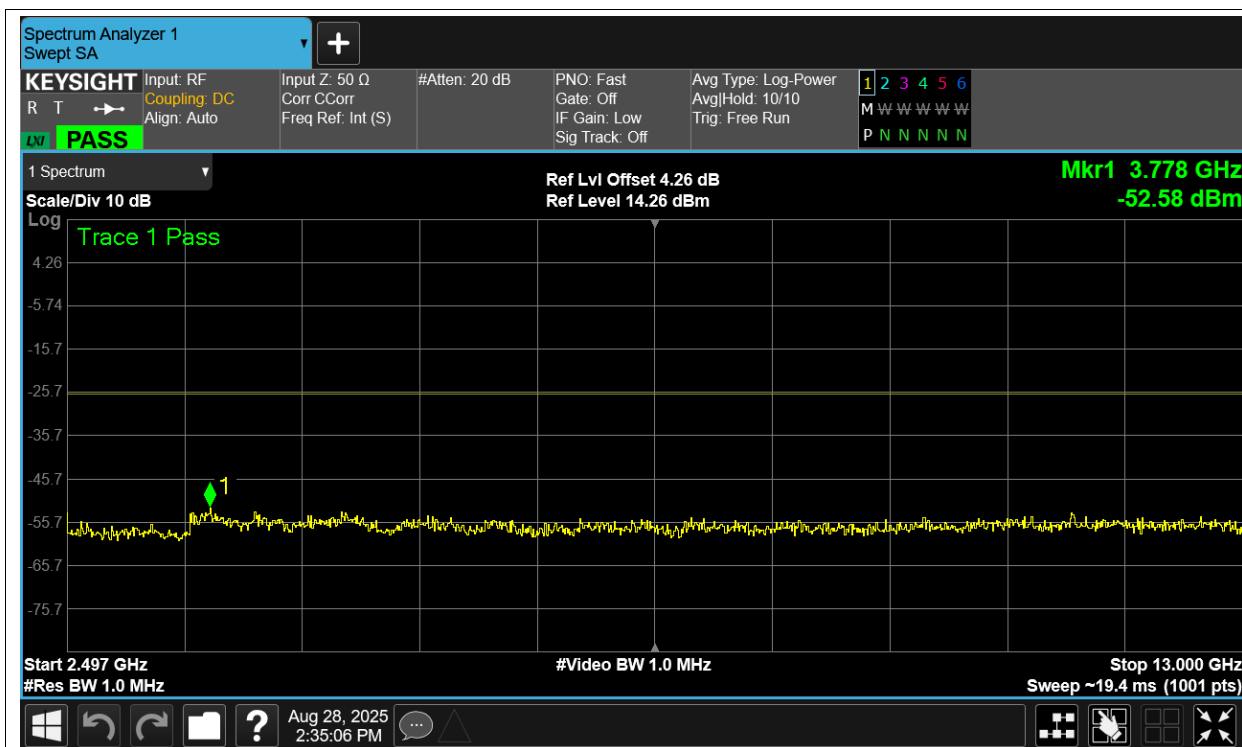
Tx. Spurious NVNT 1-DH1 2480MHz Ant1 @ 2387MHz-2400MHz



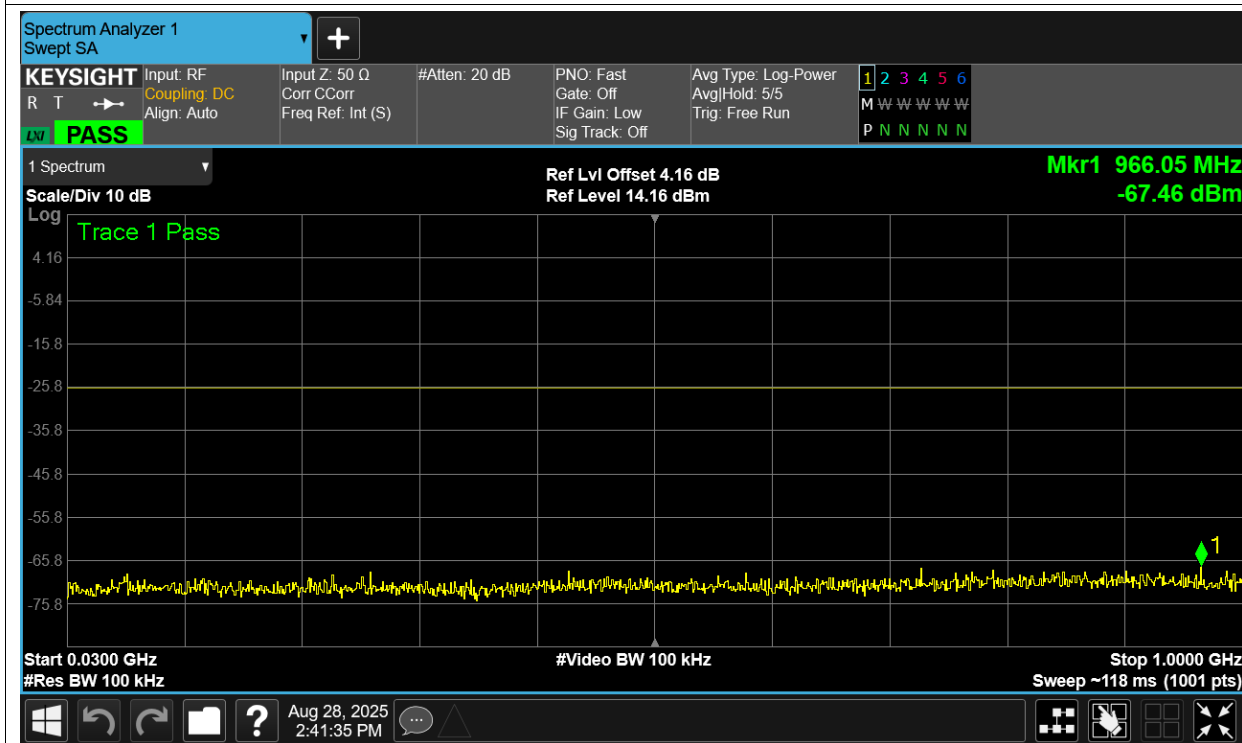
Tx. Spurious NVNT 1-DH1 2480MHz Ant1 @ 2483.5MHz-2496.5MHz



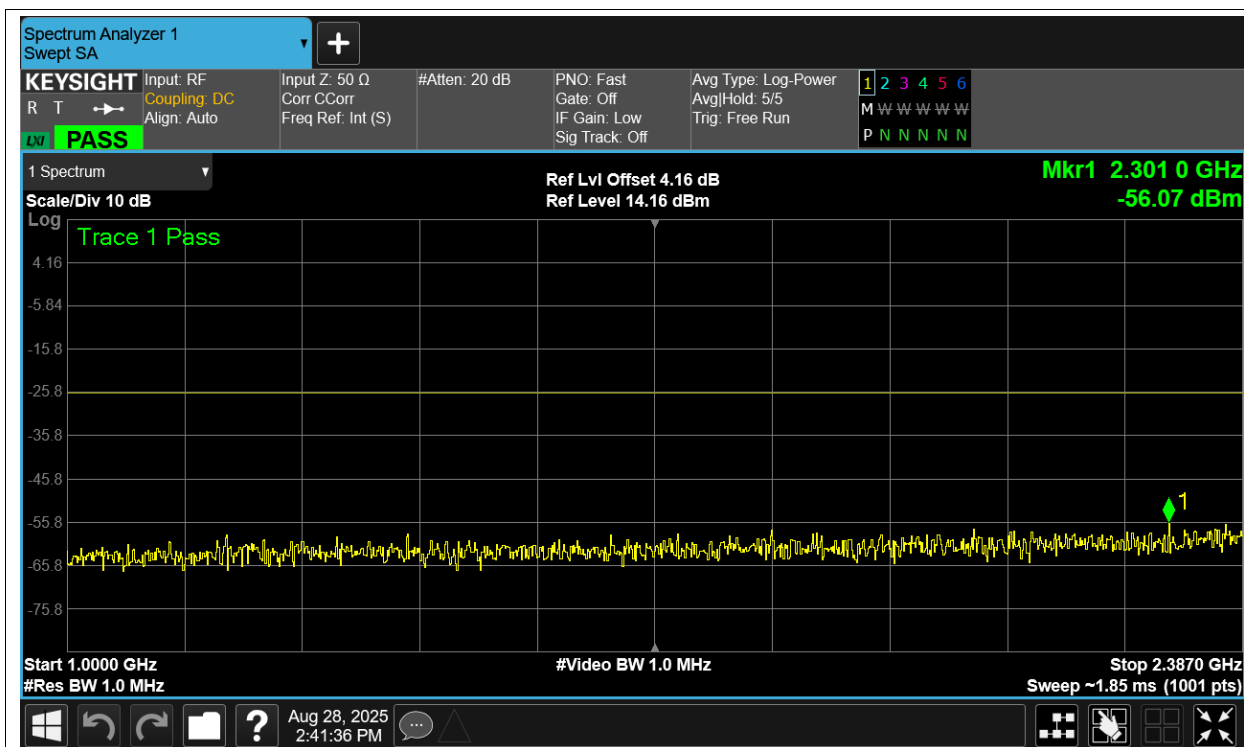
Tx. Spurious NVNT 1-DH1 2480MHz Ant1 @ 2496.5MHz-13000MHz



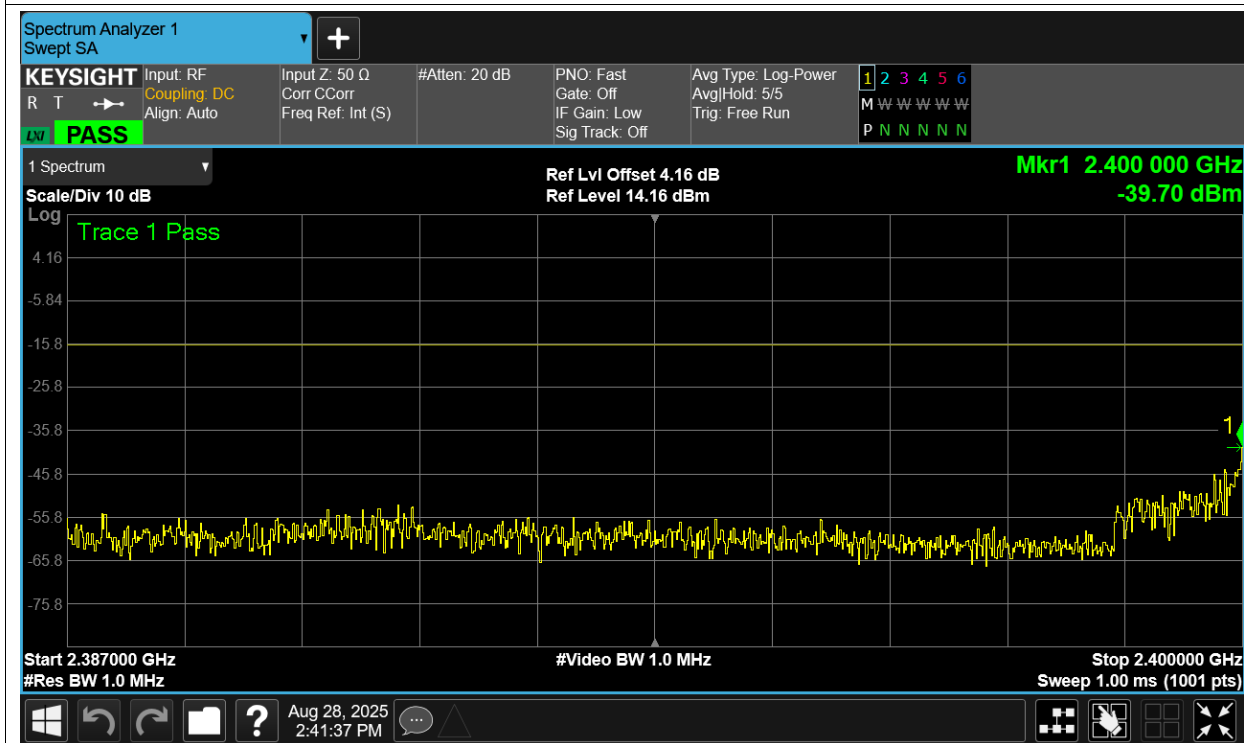
Tx. Spurious NVNT 2-DH1 2402MHz Ant1 @ 30MHz-1000MHz



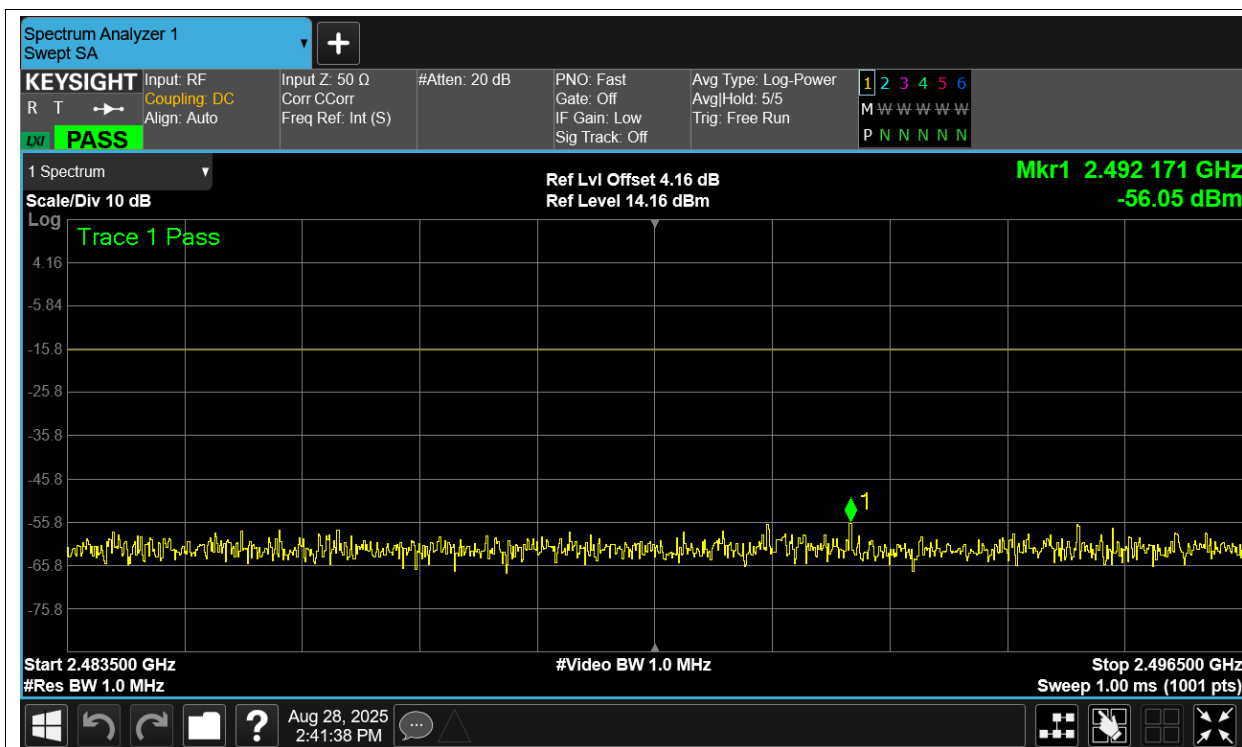
Tx. Spurious NVNT 2-DH1 2402MHz Ant1 @ 1000MHz-2387MHz



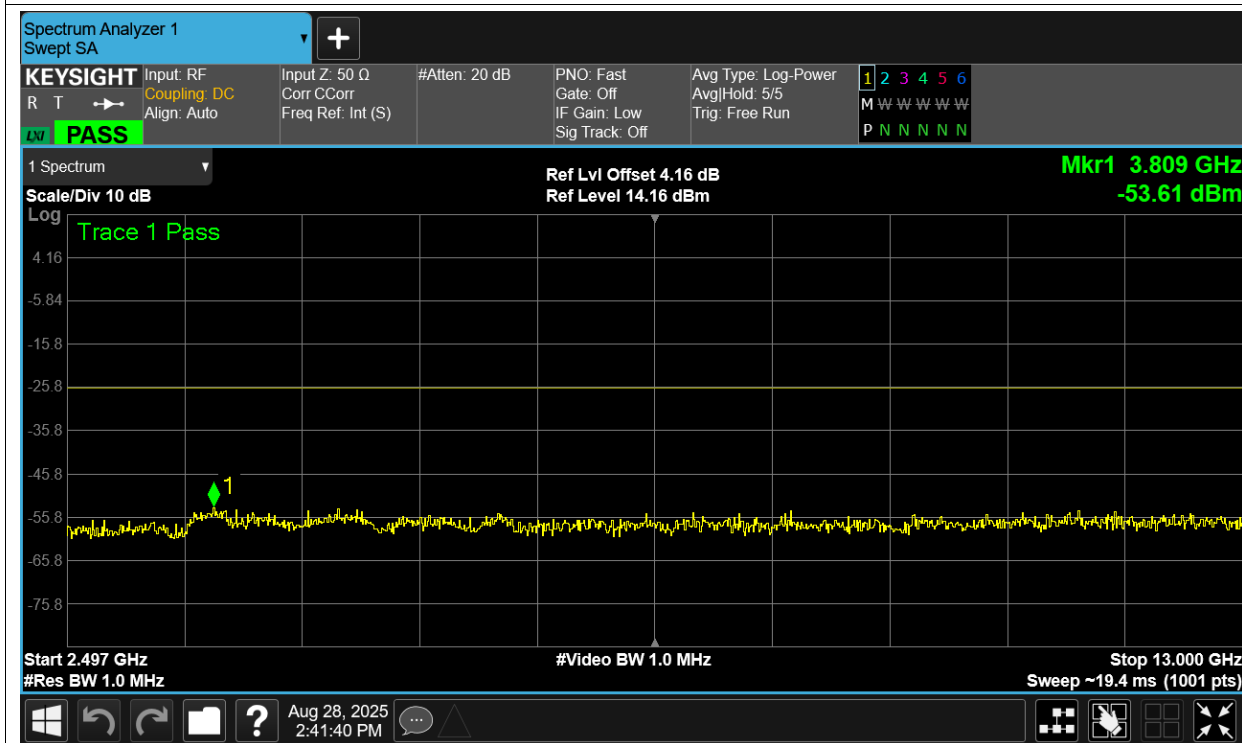
Tx. Spurious NVNT 2-DH1 2402MHz Ant1 @ 2387MHz-2400MHz



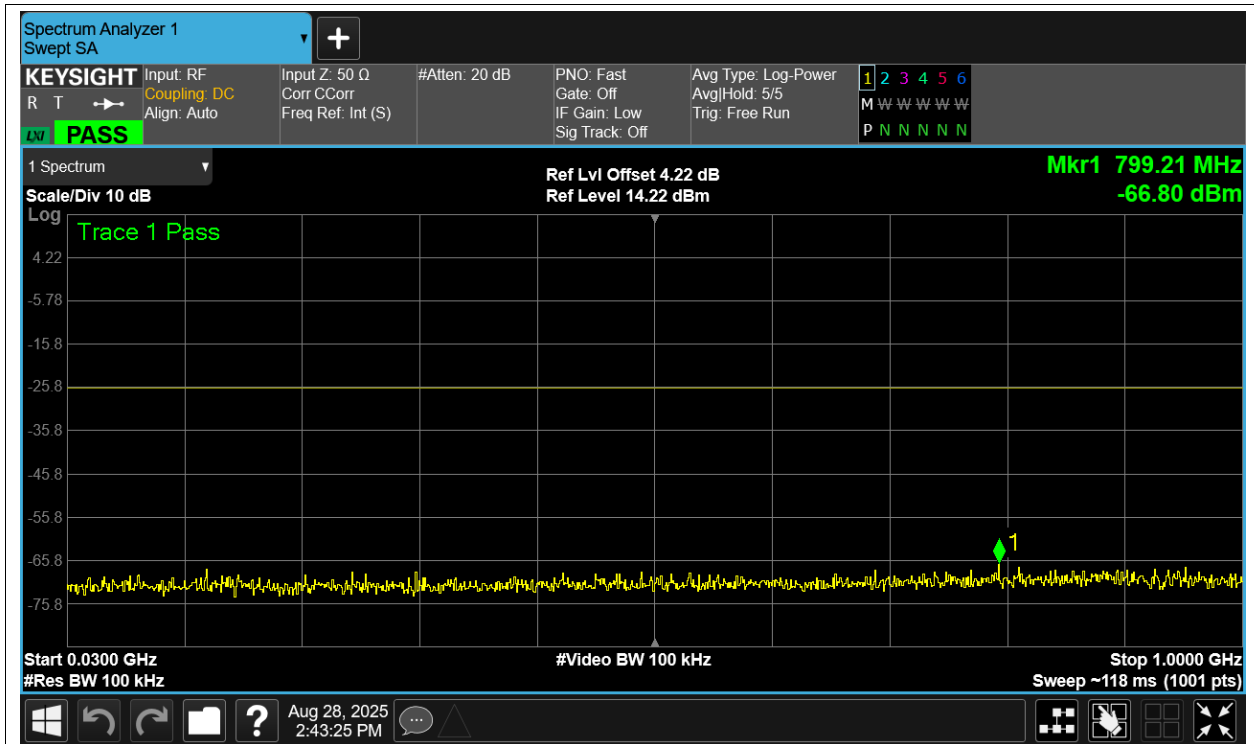
Tx. Spurious NVNT 2-DH1 2402MHz Ant1 @ 2483.5MHz-2496.5MHz



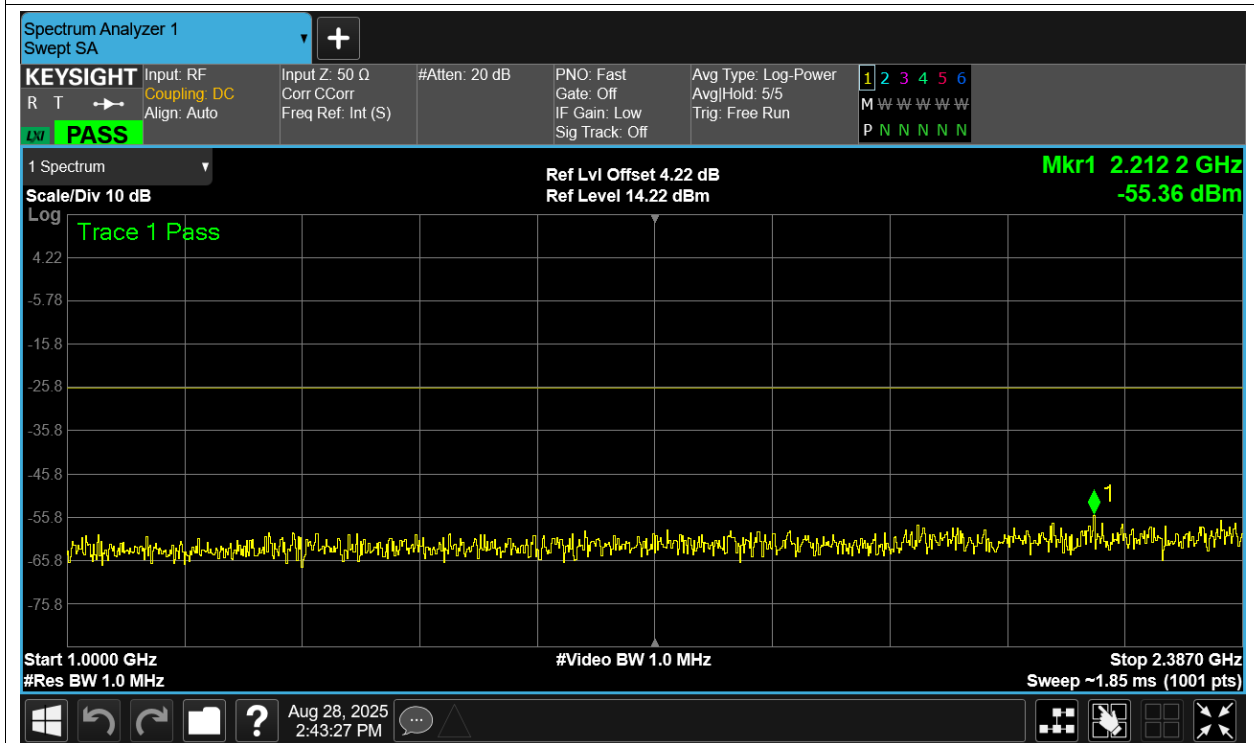
Tx. Spurious NVNT 2-DH1 2402MHz Ant1 @ 2496.5MHz-13000MHz



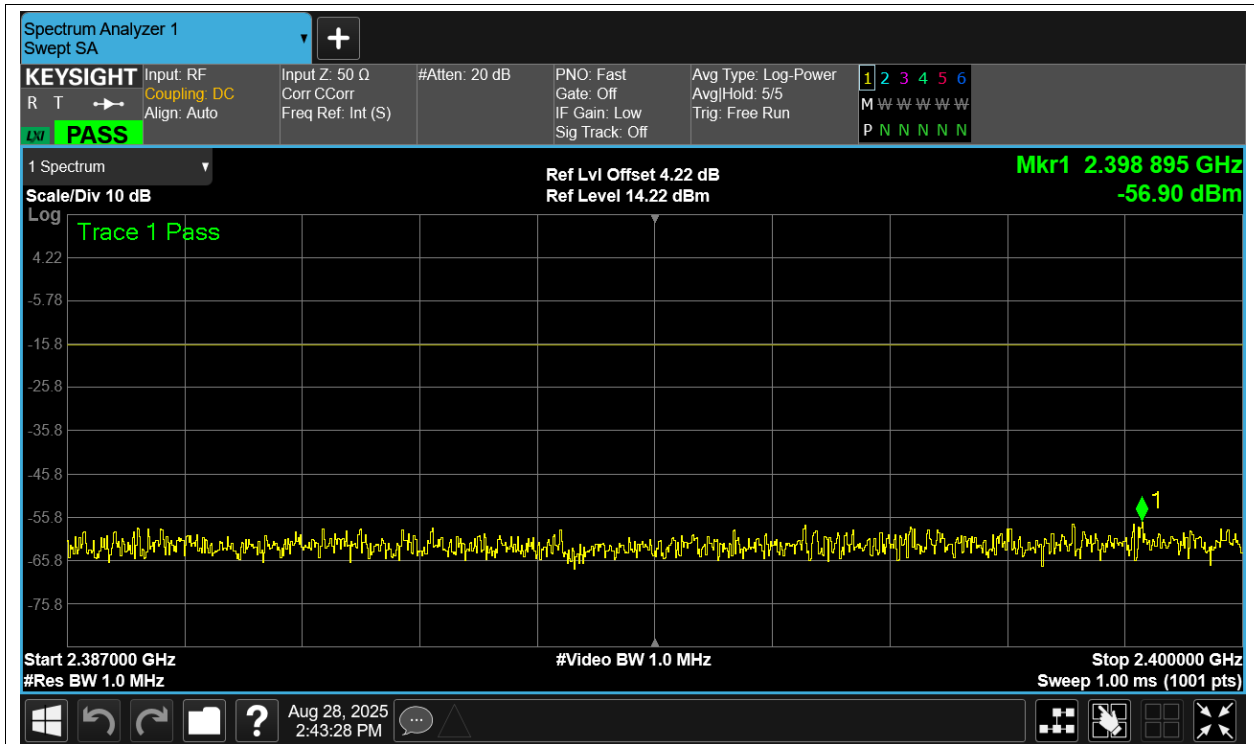
Tx. Spurious NVNT 2-DH1 2441MHz Ant1 @ 30MHz-1000MHz



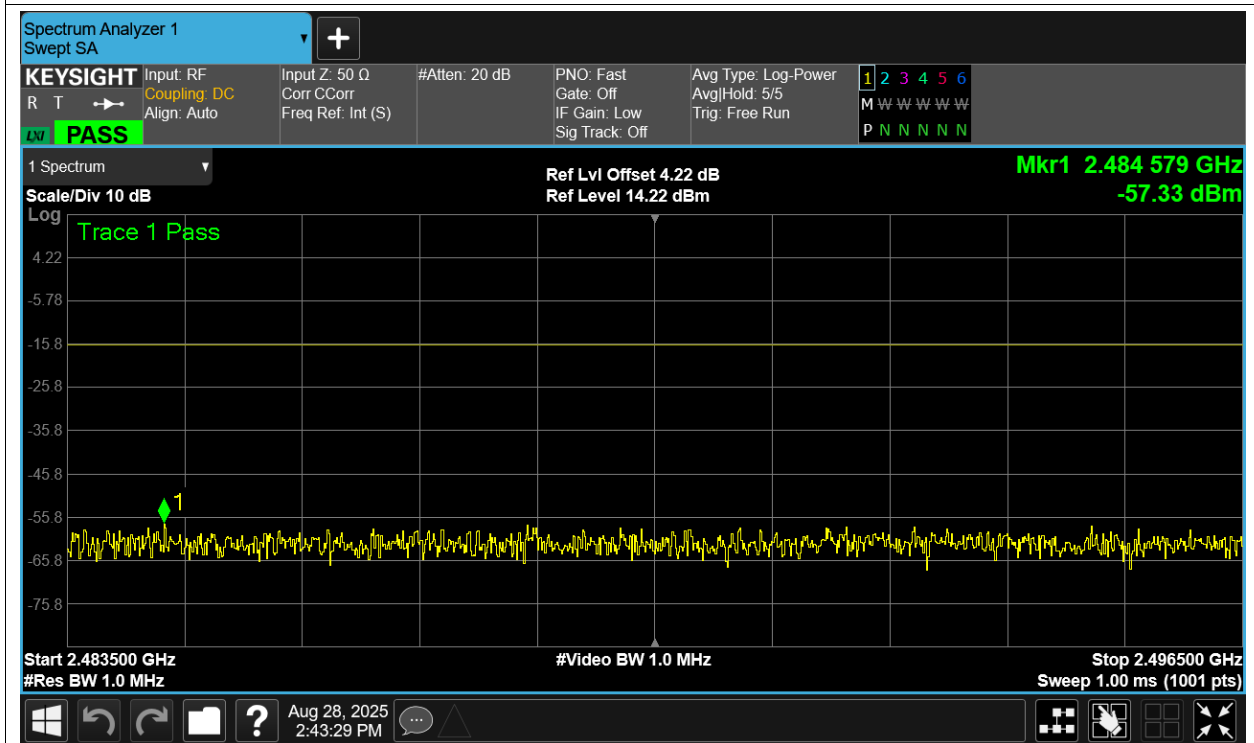
Tx. Spurious NVNT 2-DH1 2441MHz Ant1 @ 1000MHz-2387MHz



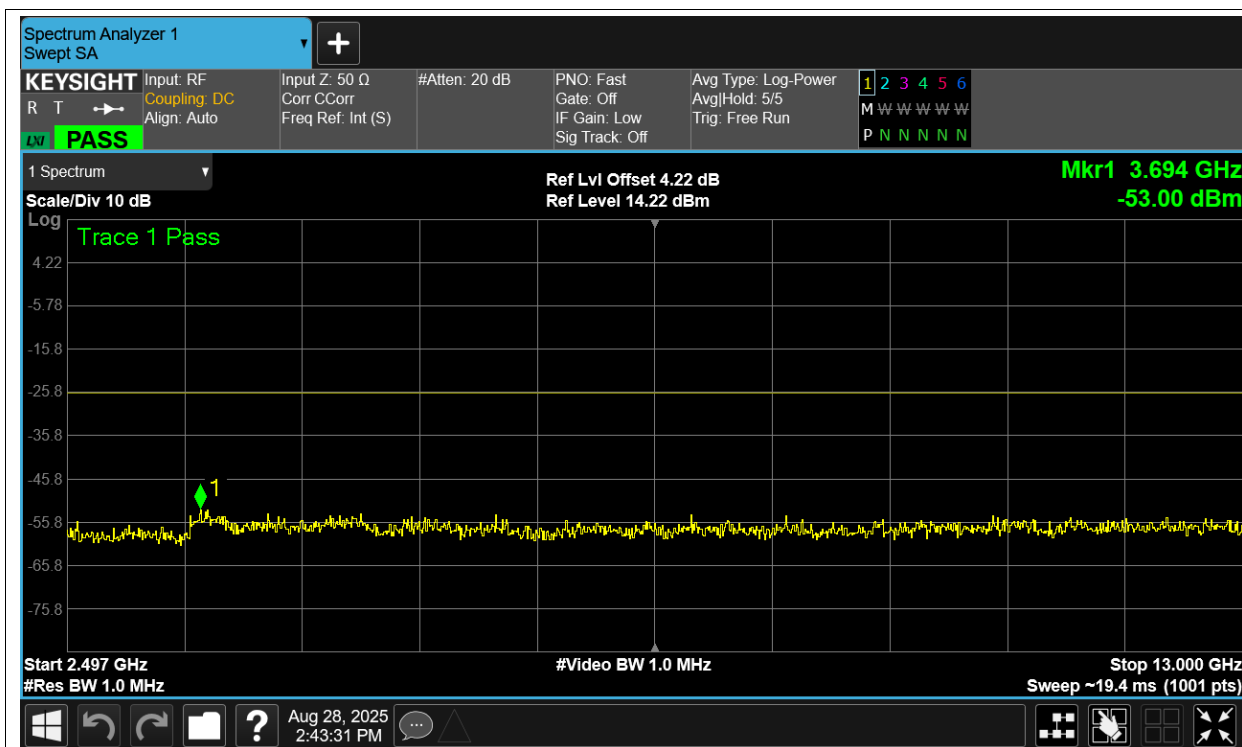
Tx. Spurious NVNT 2-DH1 2441MHz Ant1 @ 2387MHz-2400MHz



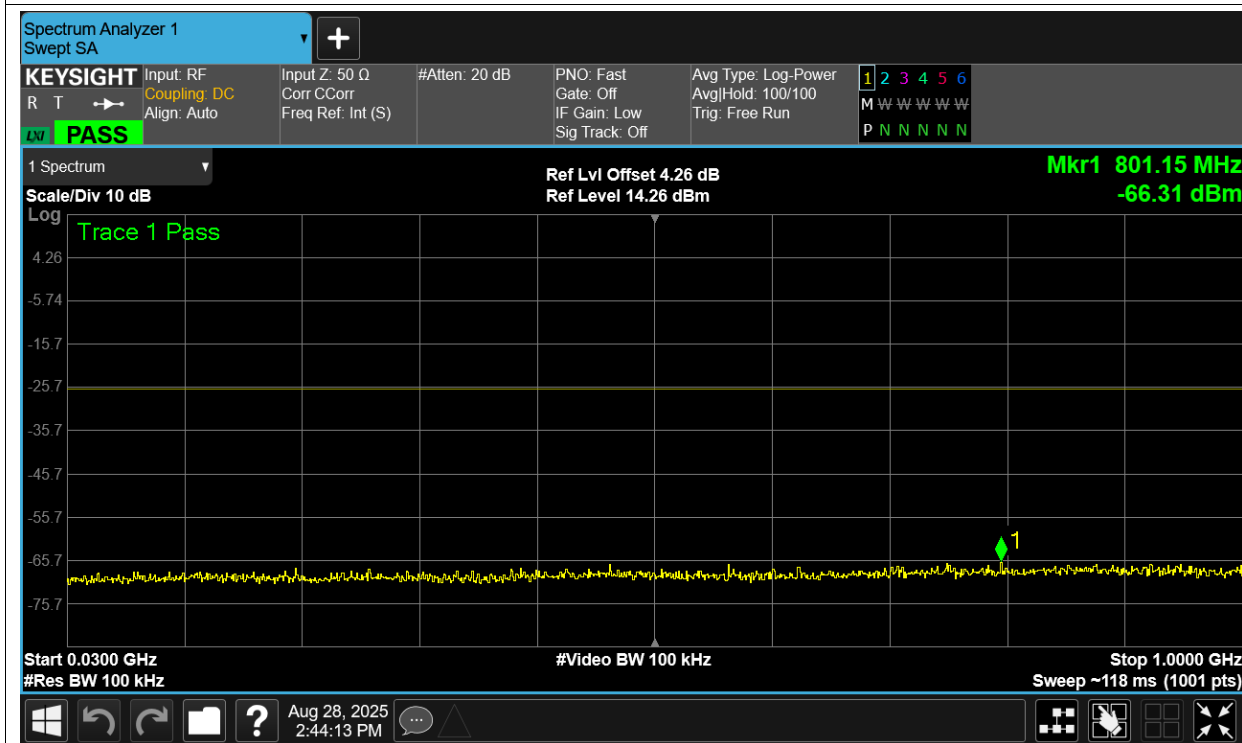
Tx. Spurious NVNT 2-DH1 2441MHz Ant1 @ 2483.5MHz-2496.5MHz



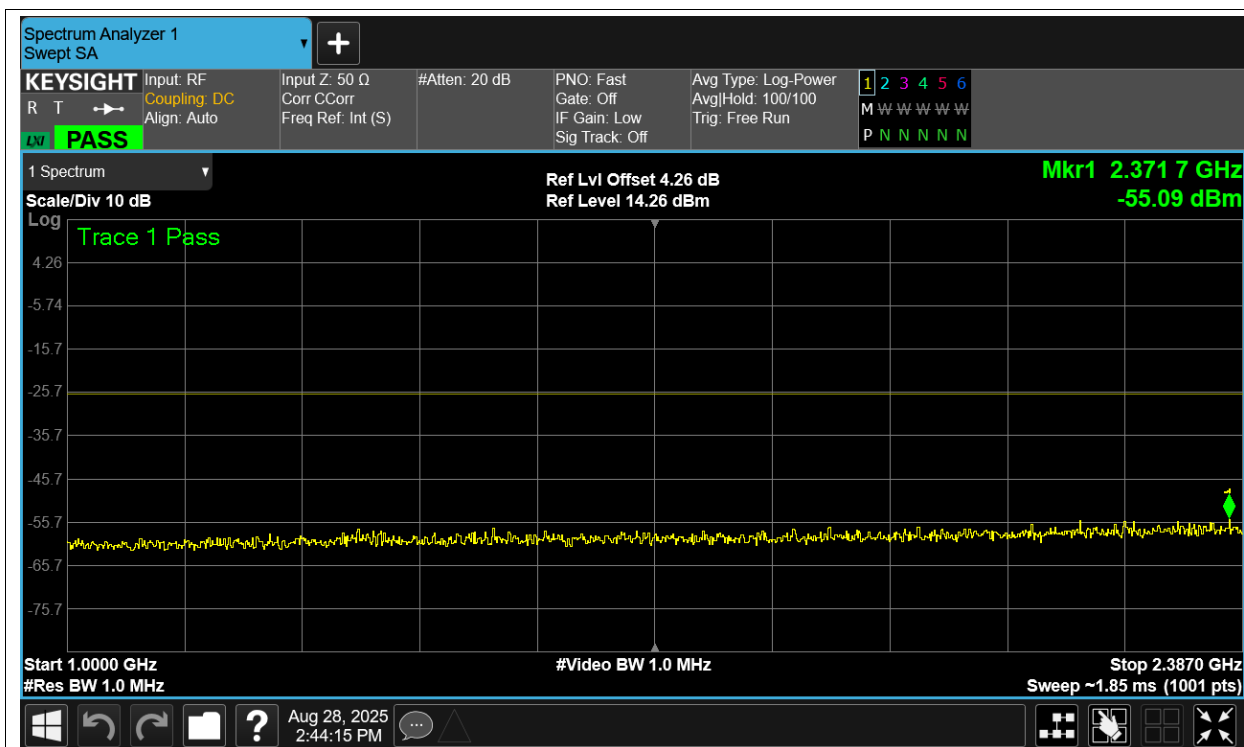
Tx. Spurious NVNT 2-DH1 2441MHz Ant1 @ 2496.5MHz-13000MHz



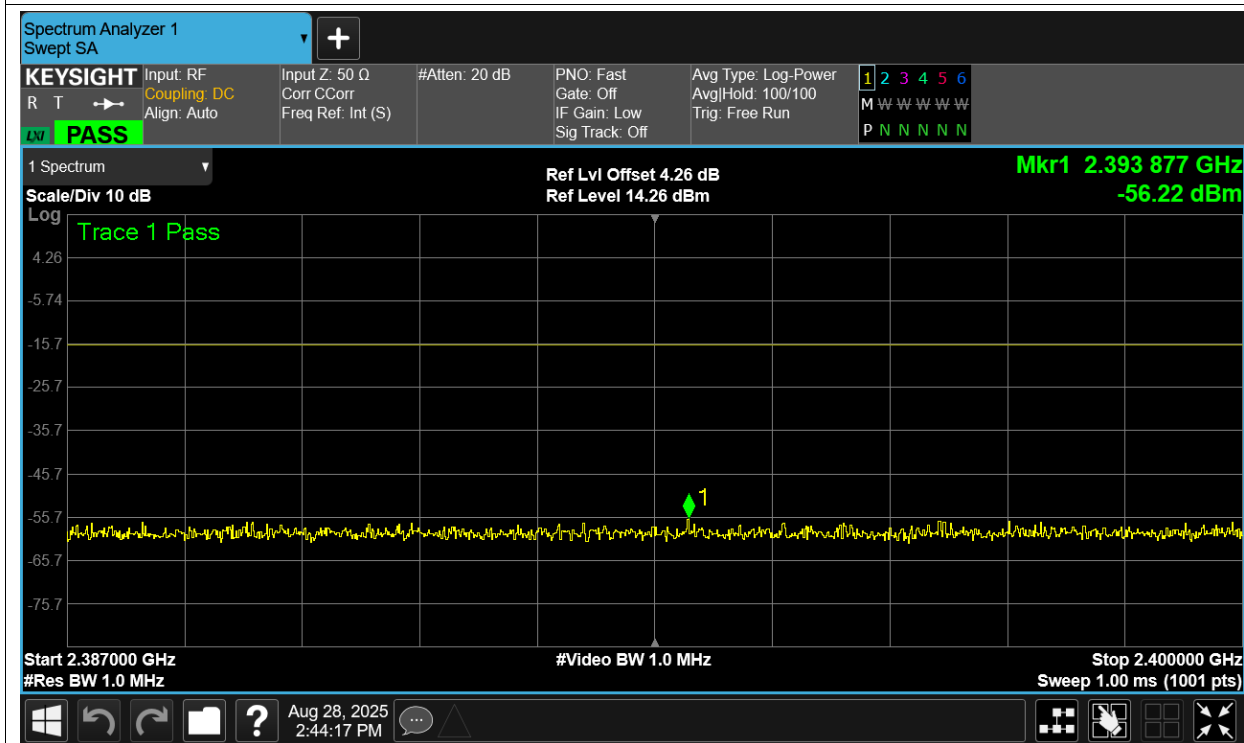
Tx. Spurious NVNT 2-DH1 2480MHz Ant1 @ 30MHz-1000MHz



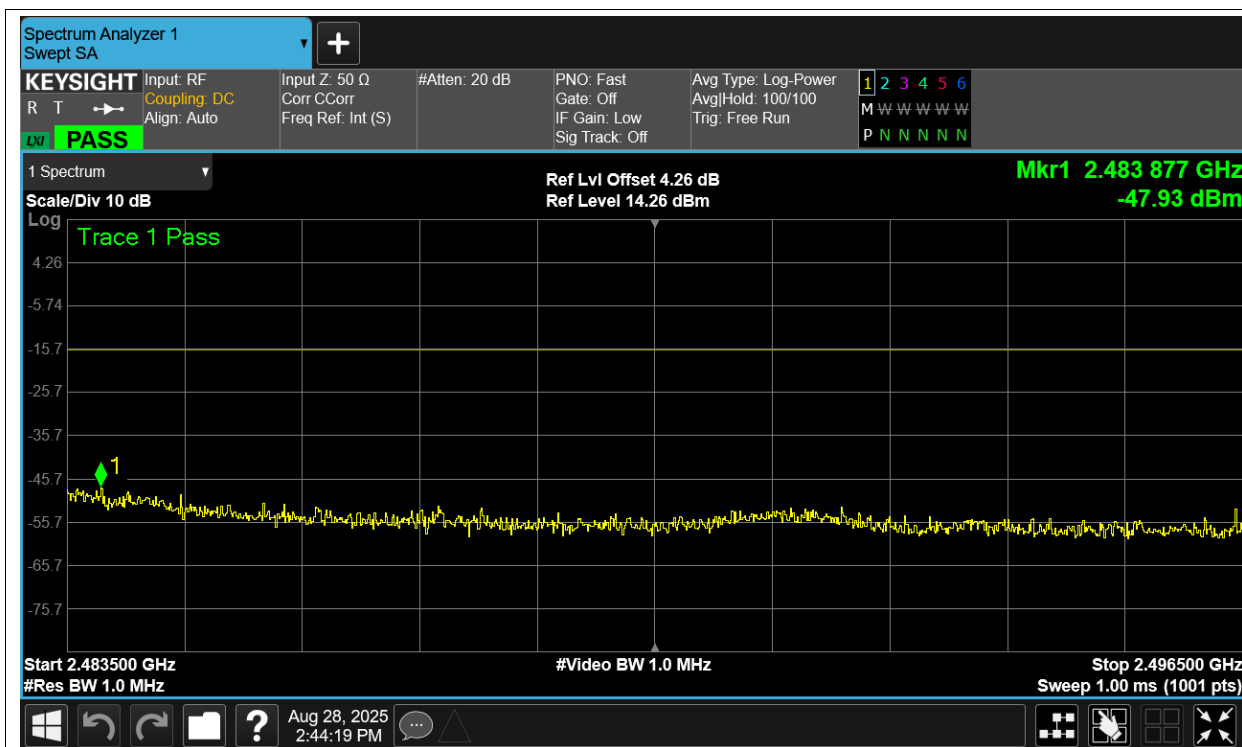
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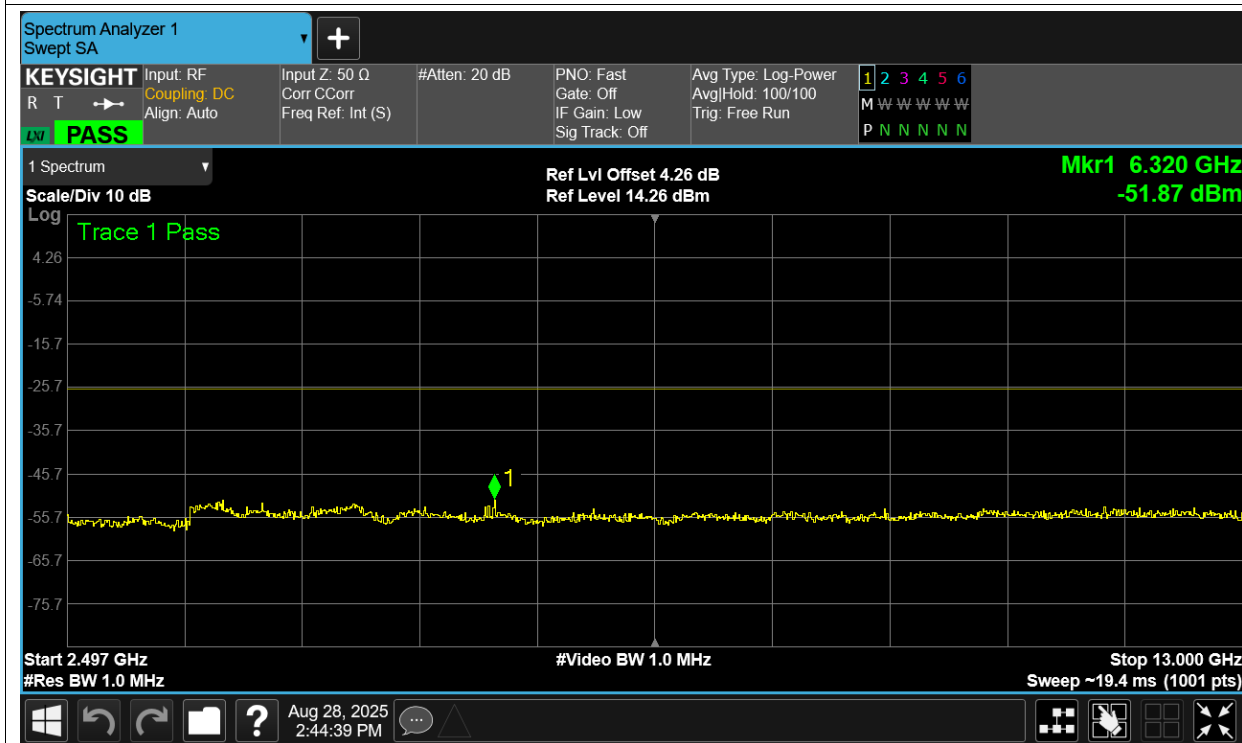
Tx. Spurious NVNT 2-DH1 2480MHz Ant1 @ 2387MHz-2400MHz



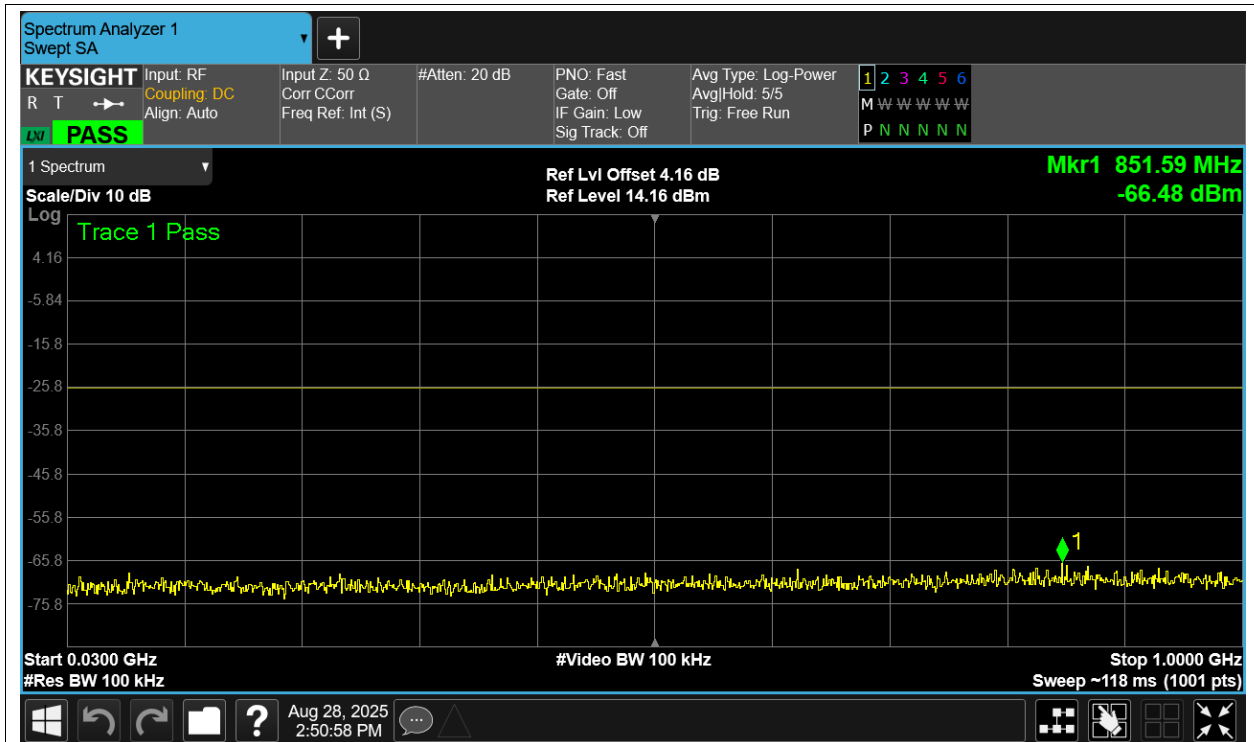
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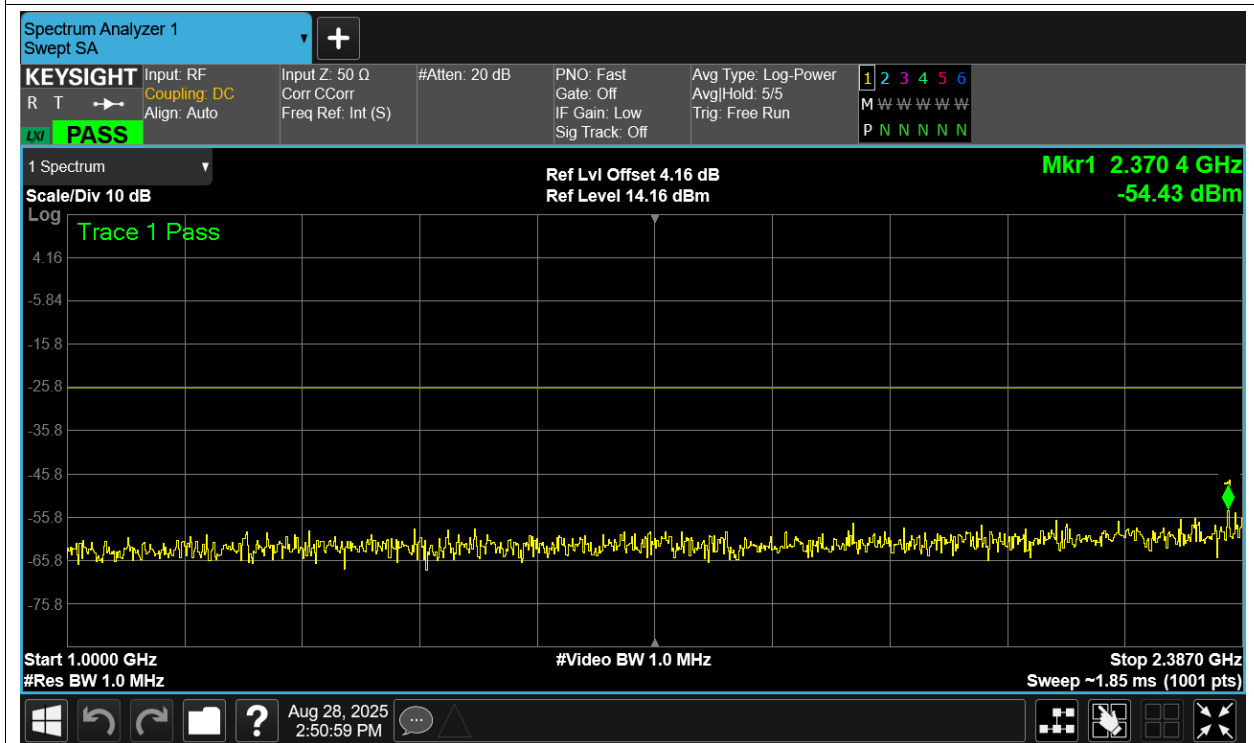
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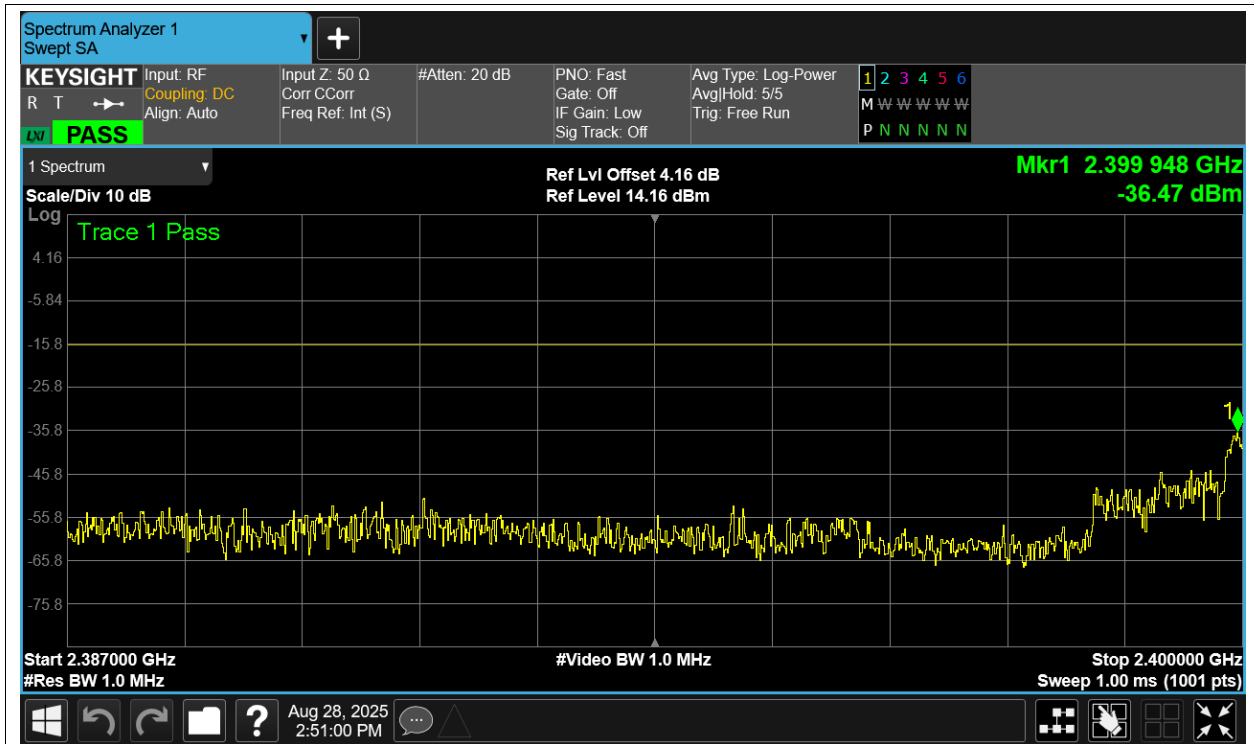
Tx. Spurious NVNT 3-DH1 2402MHz Ant1 @ 30MHz-1000MHz



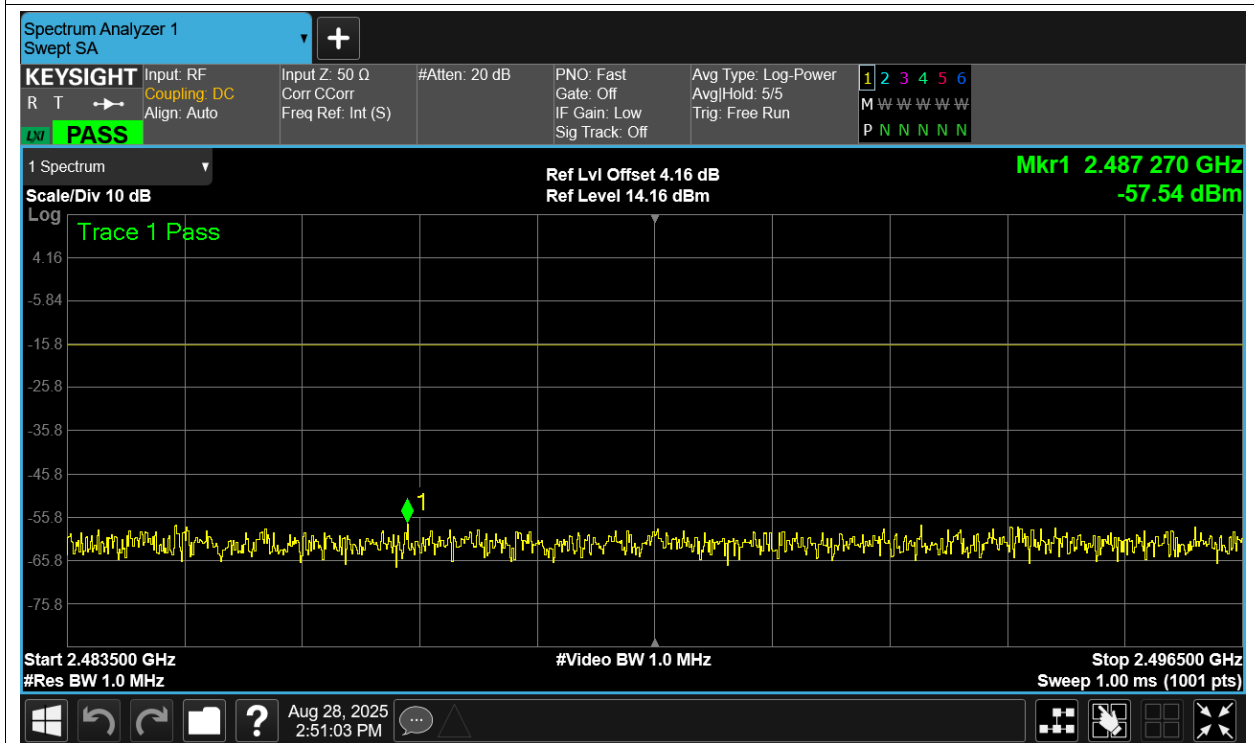
Tx. Spurious NVNT 3-DH1 2402MHz Ant1 @ 1000MHz-2387MHz



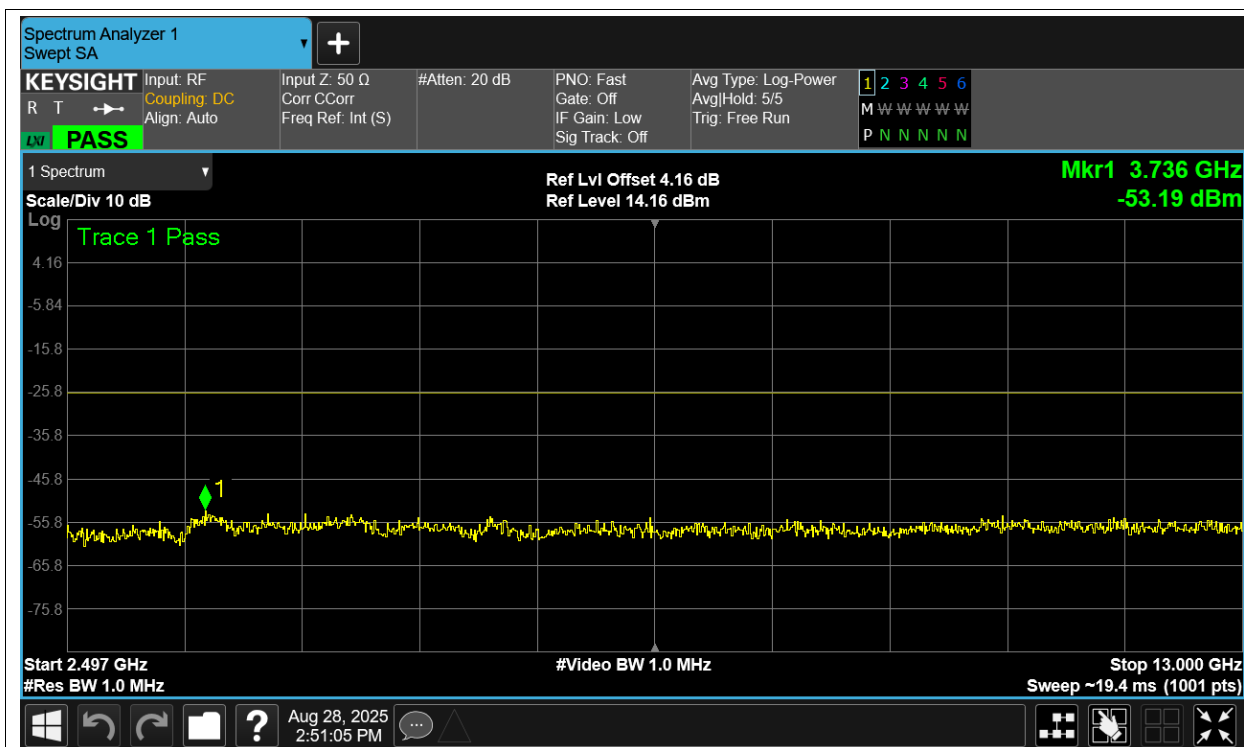
Tx. Spurious NVNT 3-DH1 2402MHz Ant1 @ 2387MHz-2400MHz



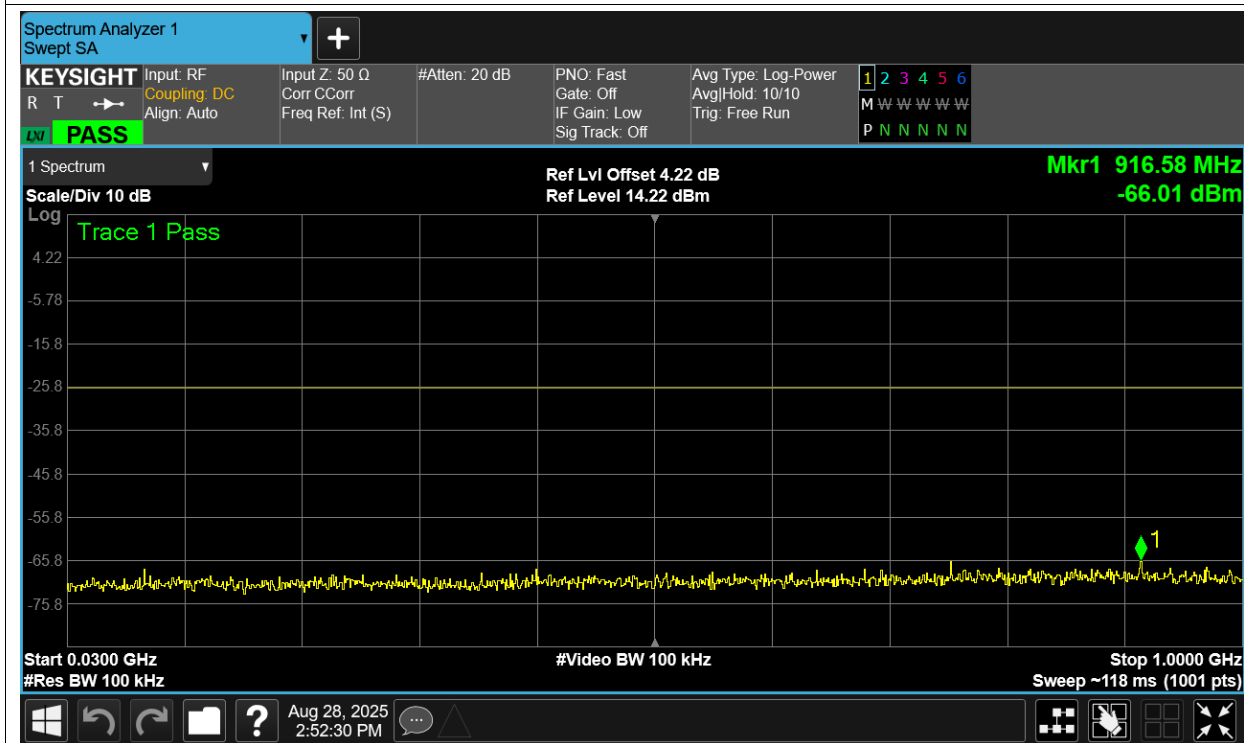
Tx. Spurious NVNT 3-DH1 2402MHz Ant1 @ 2483.5MHz-2496.5MHz



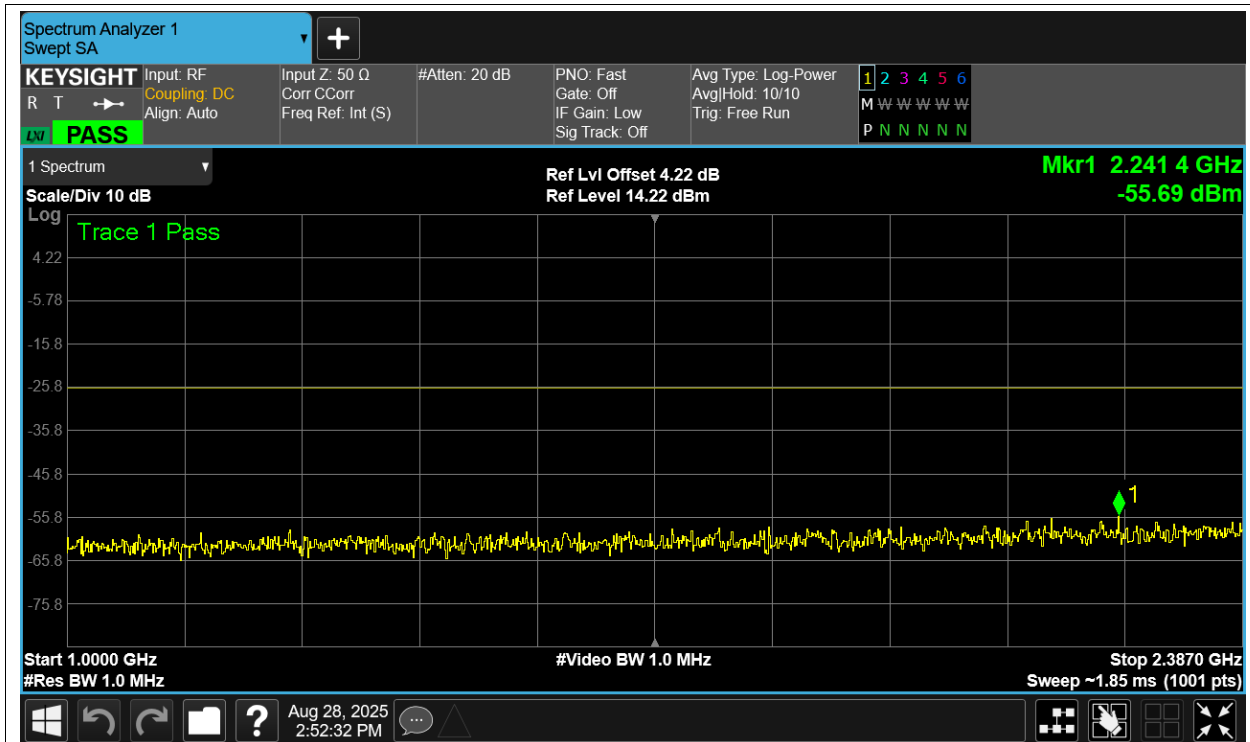
Tx. Spurious NVNT 3-DH1 2402MHz Ant1 @ 2496.5MHz-13000MHz



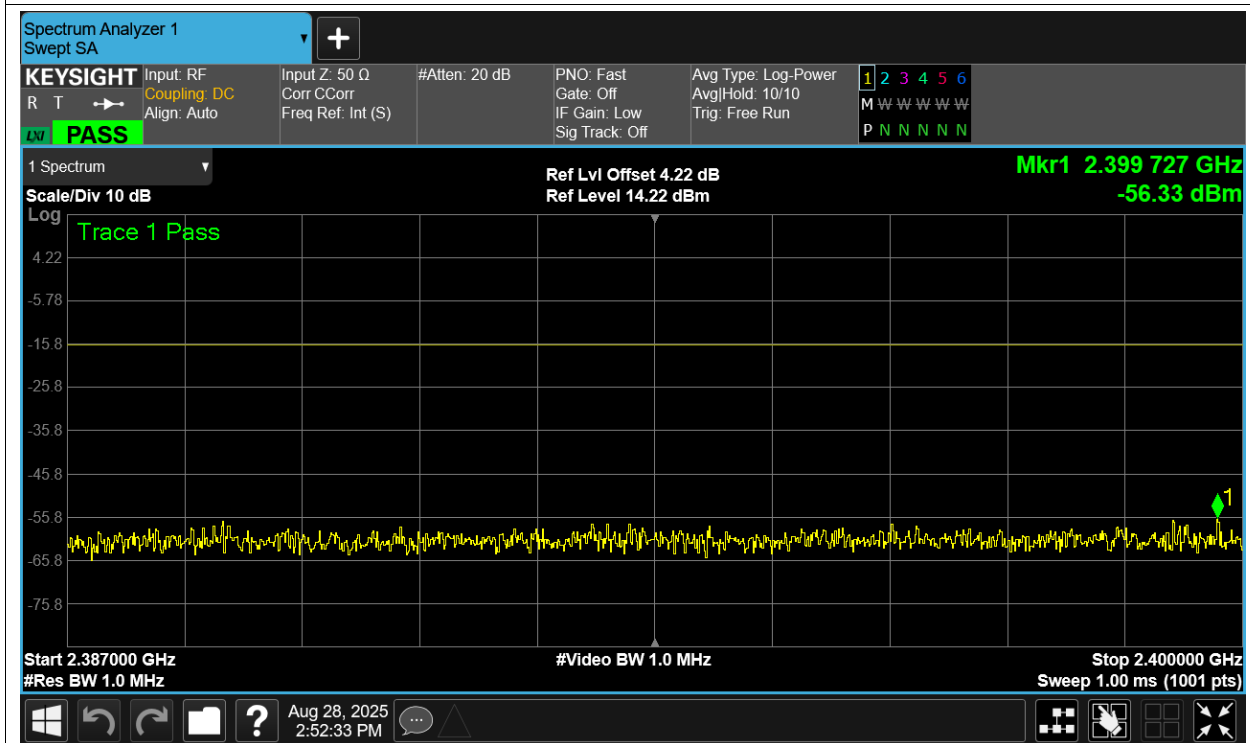
Tx. Spurious NVNT 3-DH1 2441MHz Ant1 @ 30MHz-1000MHz



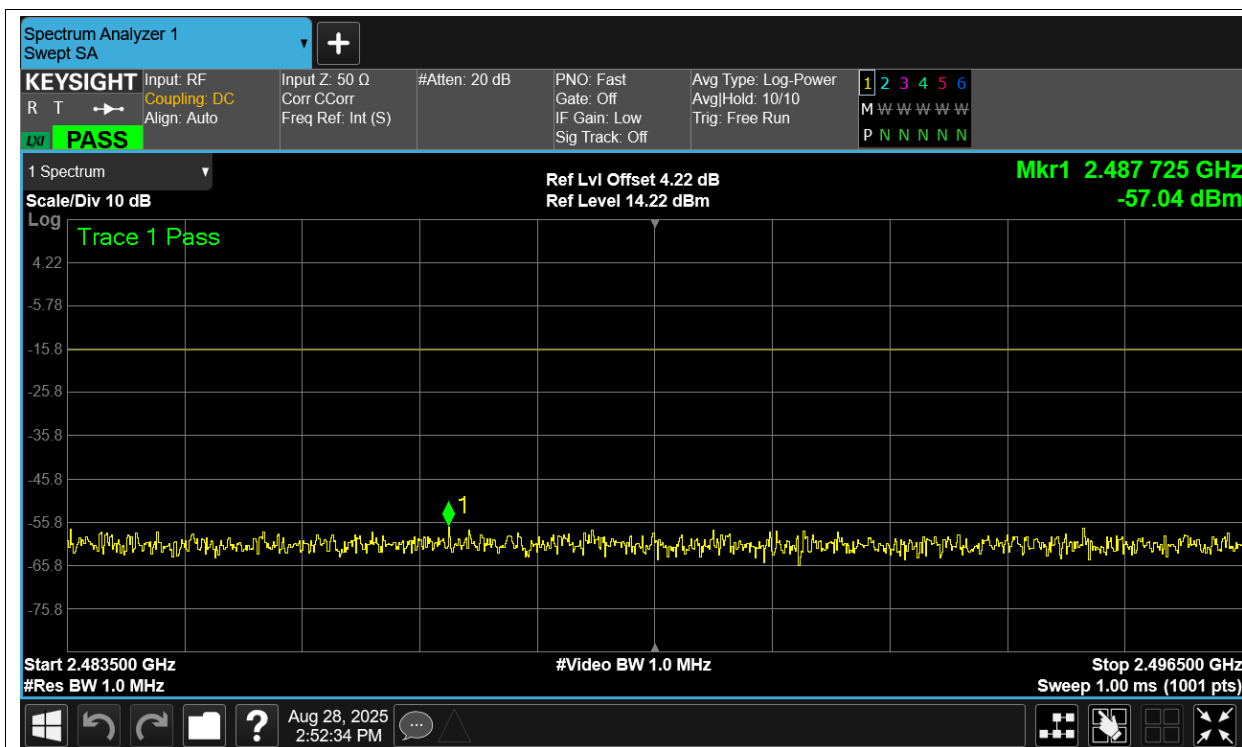
Tx. Spurious NVNT 3-DH1 2441MHz Ant1 @ 1000MHz-2387MHz



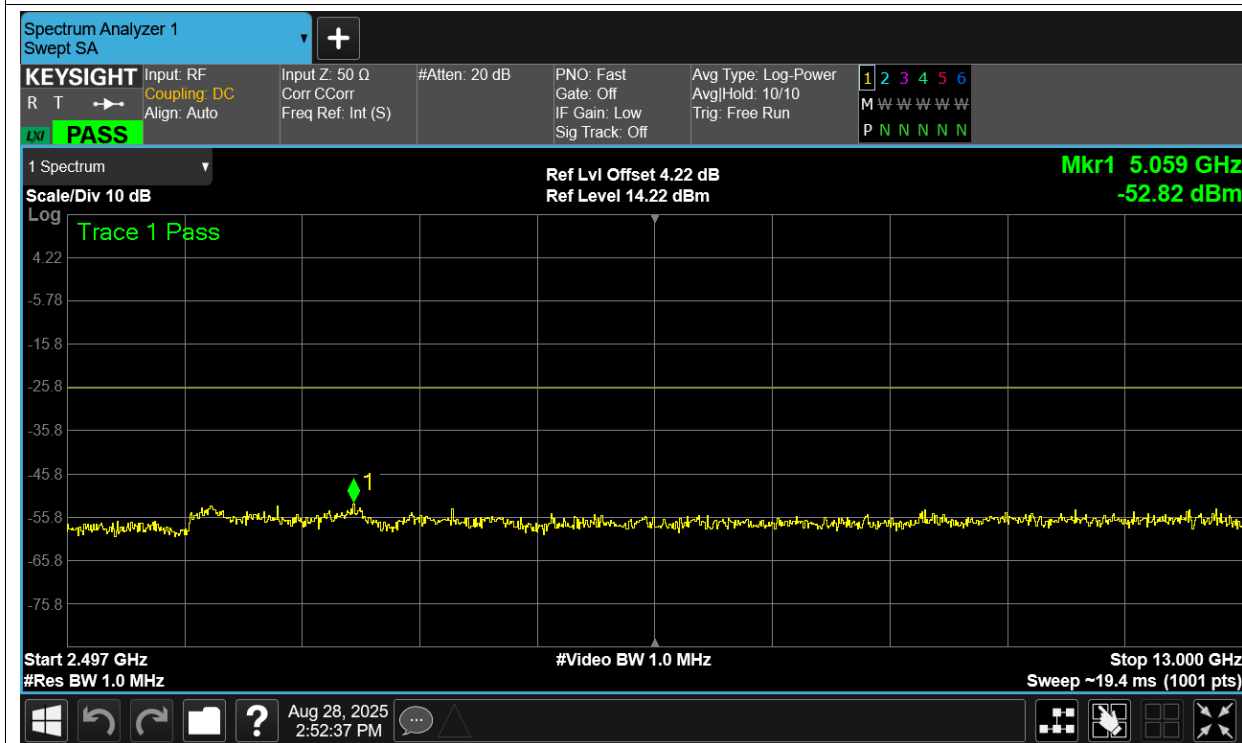
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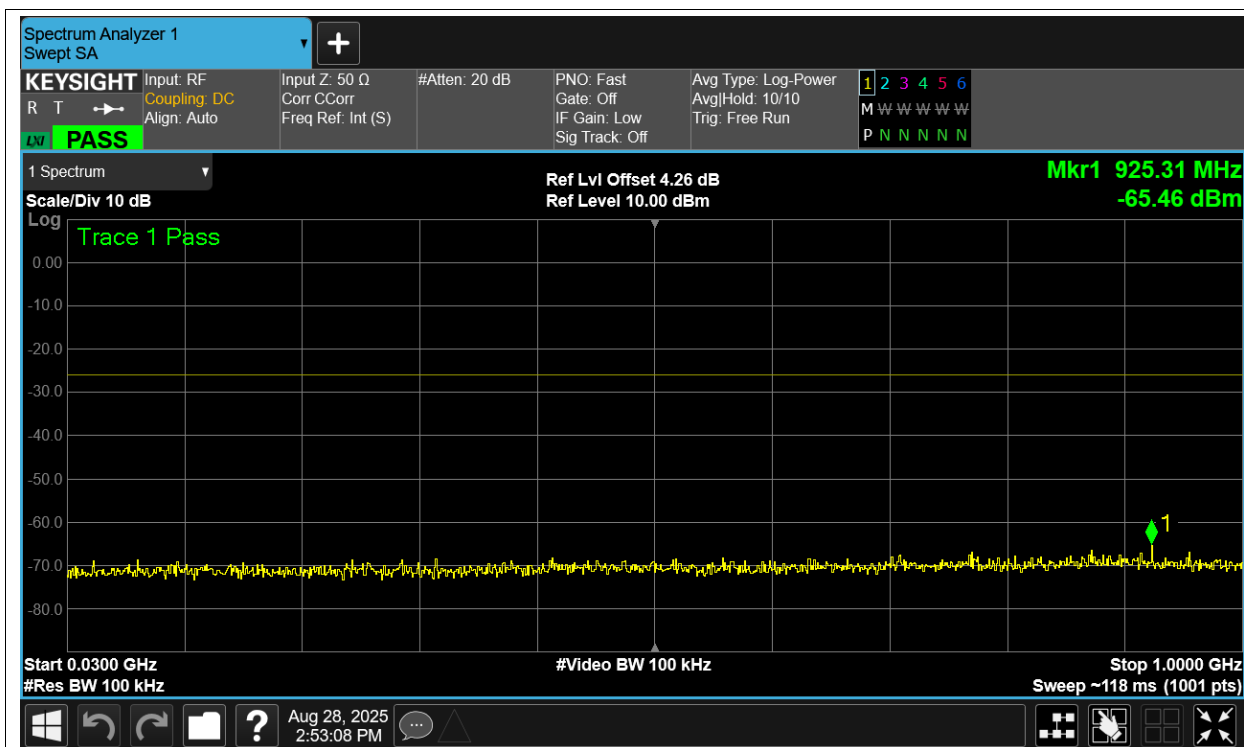
Tx. Spurious NVNT 3-DH1 2441MHz Ant1 @ 2483.5MHz-2496.5MHz



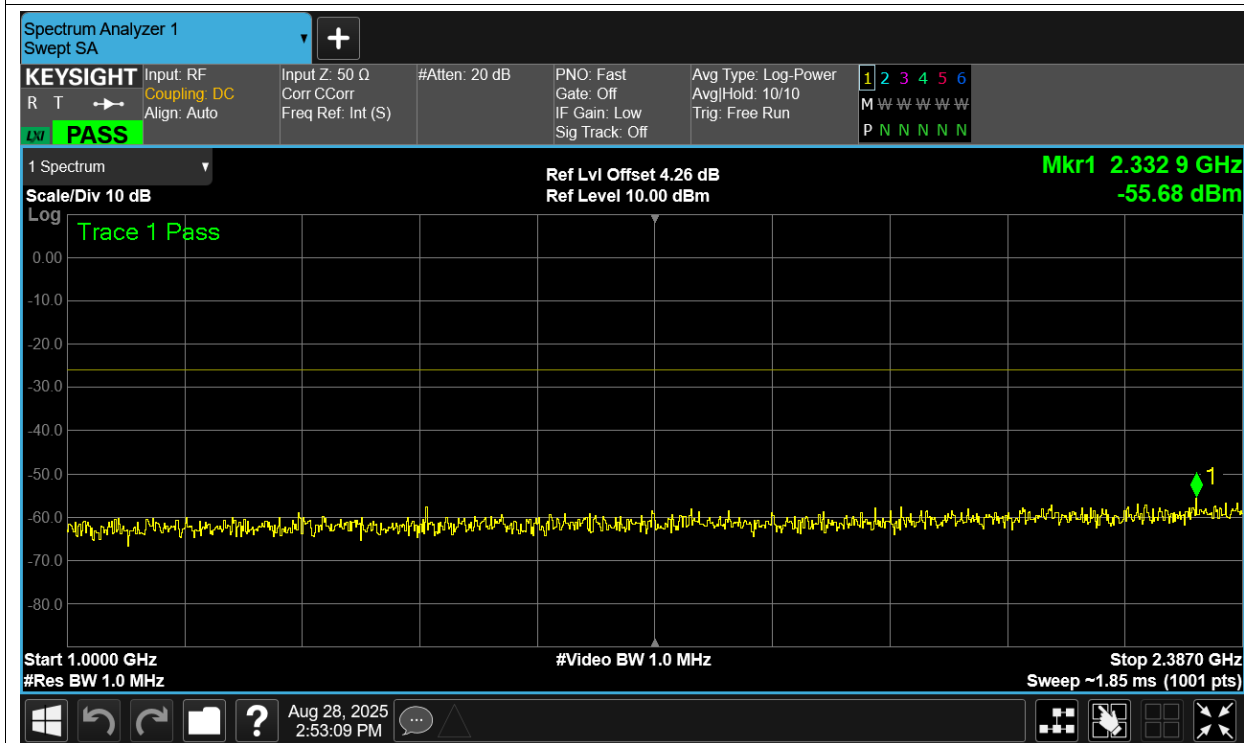
Tx. Spurious NVNT 3-DH1 2441MHz Ant1 @ 2496.5MHz-13000MHz



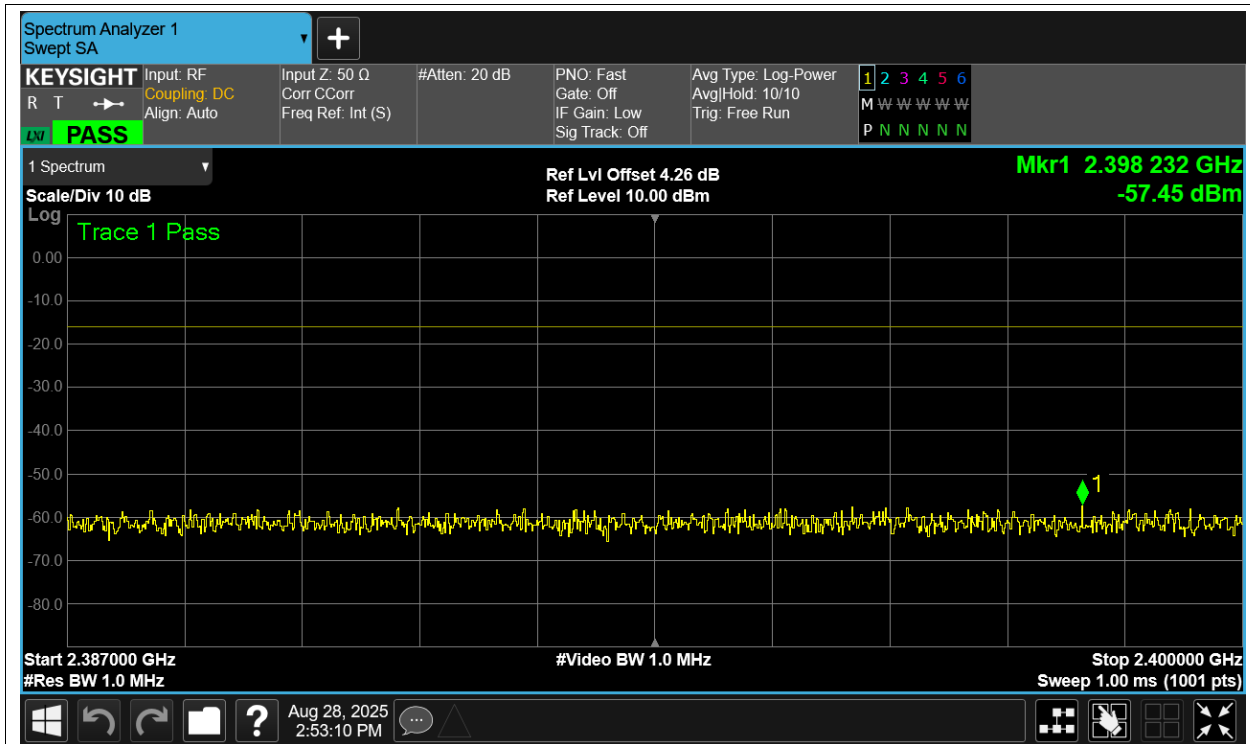
Tx. Spurious NVNT 3-DH1 2480MHz Ant1 @ 30MHz-1000MHz



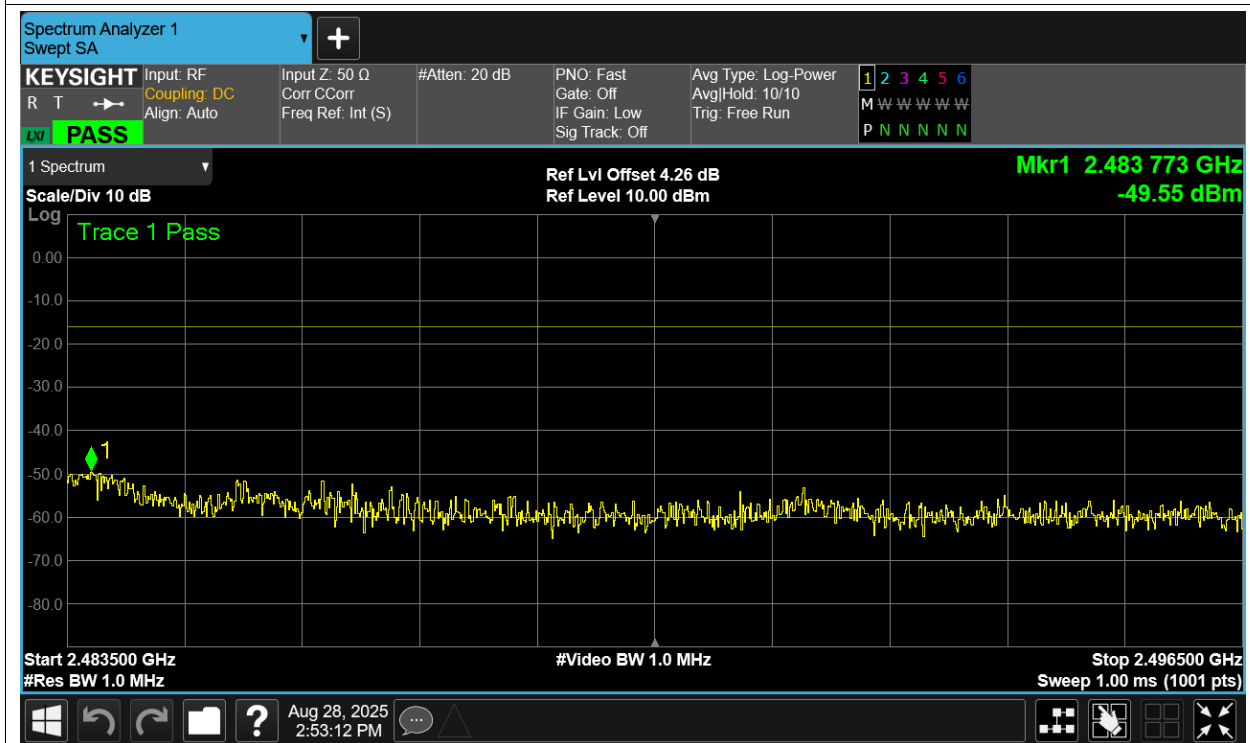
Tx. Spurious NVNT 3-DH1 2480MHz Ant1 @ 1000MHz-2387MHz



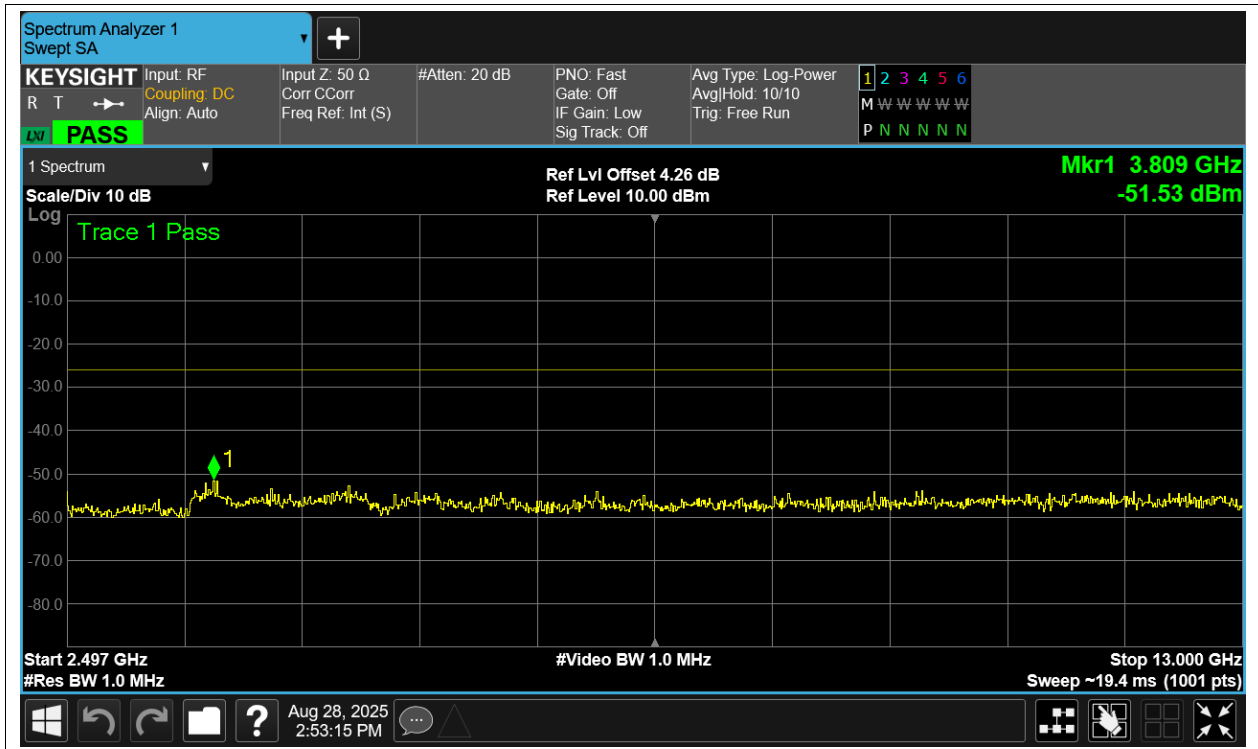
Tx. Spurious NVNT 3-DH1 2480MHz Ant1 @ 2387MHz-2400MHz



Tx. Spurious NVNT 3-DH1 2480MHz Ant1 @ 2483.5MHz-2496.5MHz

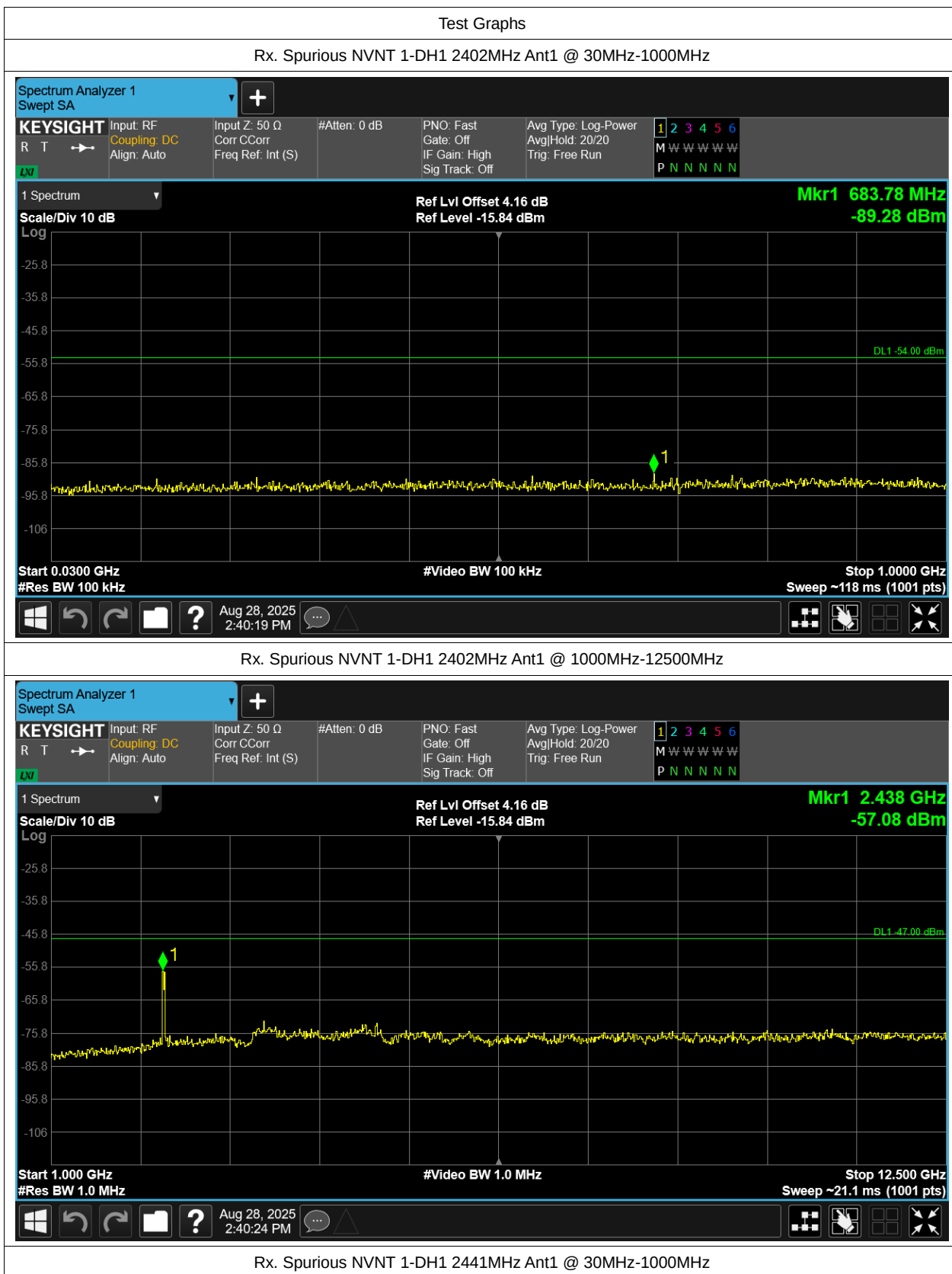


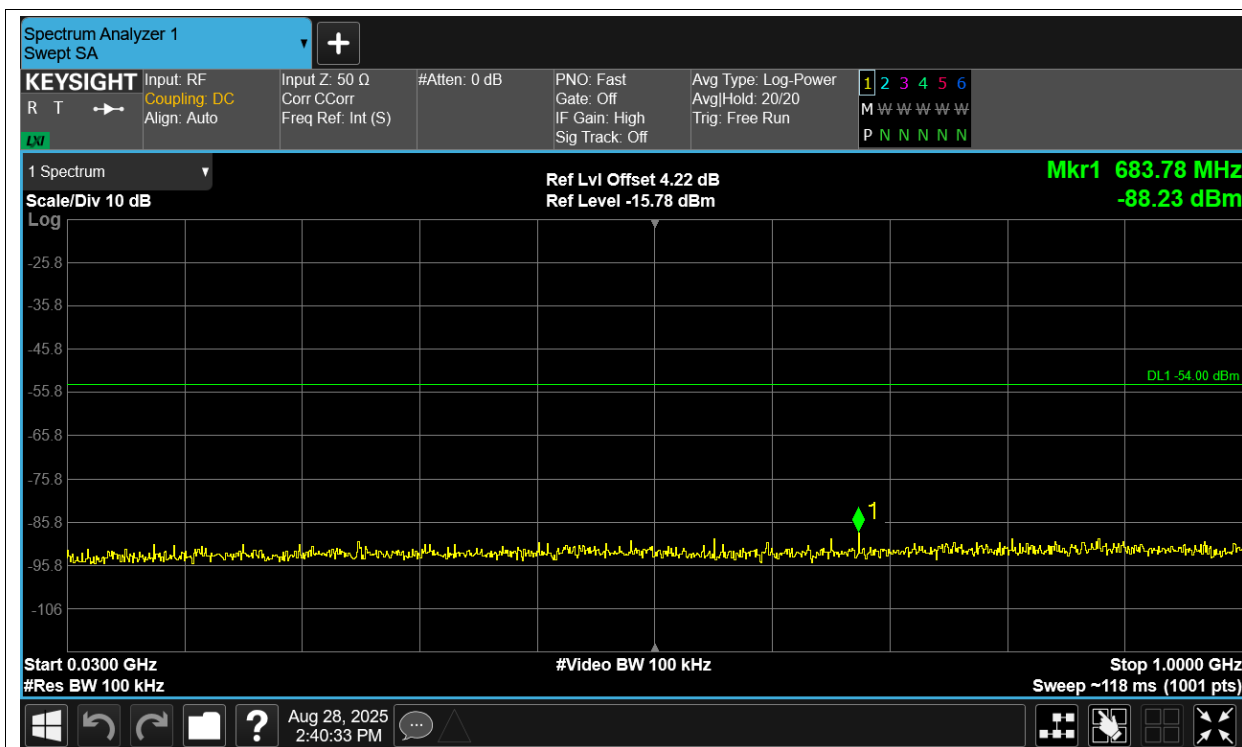
Tx. Spurious NVNT 3-DH1 2480MHz Ant1 @ 2496.5MHz-13000MHz



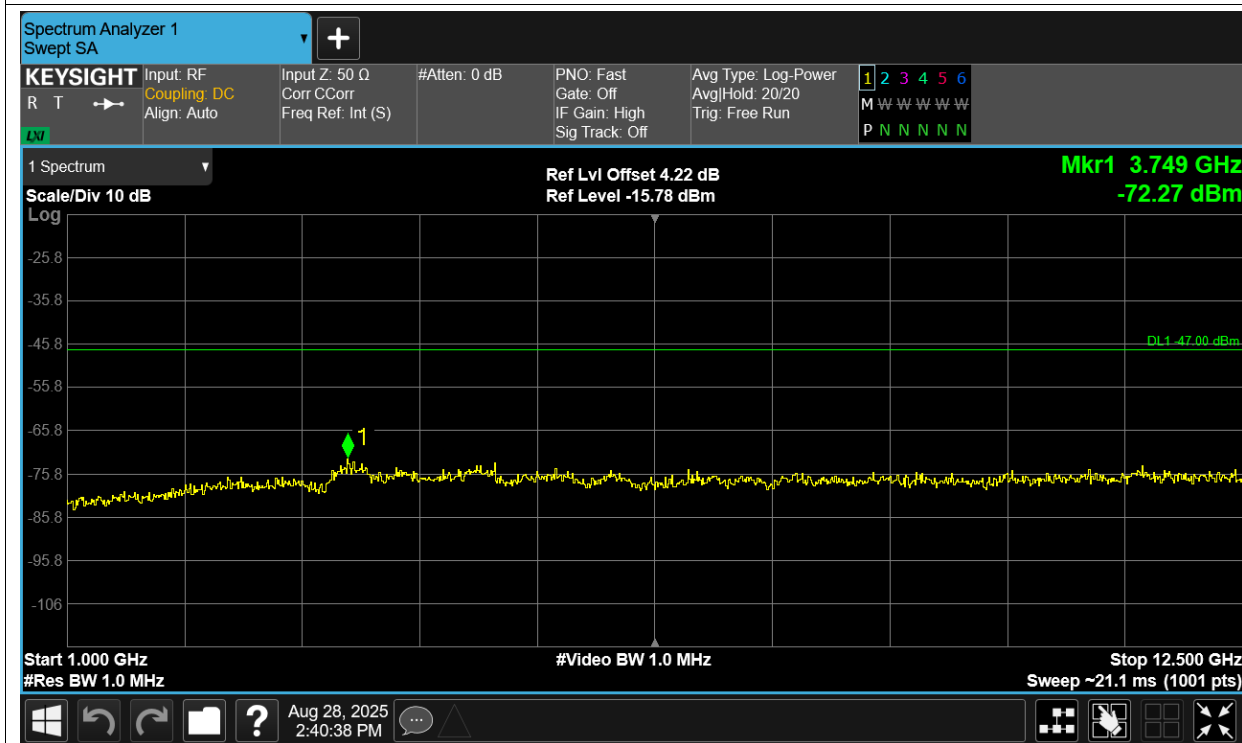
Rx Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Emission Frequency (MHz)	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	1-DH1	2402	Ant1	30-1000	683.78	-89.276	-54	Pass
NVNT	1-DH1	2402	Ant1	1000-12500	2437.5	-57.082	-47	Pass
NVNT	1-DH1	2441	Ant1	30-1000	683.78	-88.231	-54	Pass
NVNT	1-DH1	2441	Ant1	1000-12500	3748.5	-72.269	-47	Pass
NVNT	1-DH1	2480	Ant1	30-1000	683.78	-89.421	-54	Pass
NVNT	1-DH1	2480	Ant1	1000-12500	2460.5	-61.533	-47	Pass
NVNT	2-DH1	2402	Ant1	30-1000	683.78	-89.359	-54	Pass
NVNT	2-DH1	2402	Ant1	1000-12500	2449	-61.017	-47	Pass
NVNT	2-DH1	2441	Ant1	30-1000	971.87	-89.074	-54	Pass
NVNT	2-DH1	2441	Ant1	1000-12500	2414.5	-66.549	-47	Pass
NVNT	2-DH1	2480	Ant1	30-1000	683.78	-88.393	-54	Pass
NVNT	2-DH1	2480	Ant1	1000-12500	2483.5	-59.826	-47	Pass
NVNT	3-DH1	2402	Ant1	30-1000	762.35	-88.95	-54	Pass
NVNT	3-DH1	2402	Ant1	1000-12500	2483.5	-67.189	-47	Pass
NVNT	3-DH1	2441	Ant1	30-1000	875.84	-89.039	-54	Pass
NVNT	3-DH1	2441	Ant1	1000-12500	2437.5	-61.022	-47	Pass
NVNT	3-DH1	2480	Ant1	30-1000	683.78	-89.538	-54	Pass
NVNT	3-DH1	2480	Ant1	1000-12500	2437.5	-58.838	-47	Pass

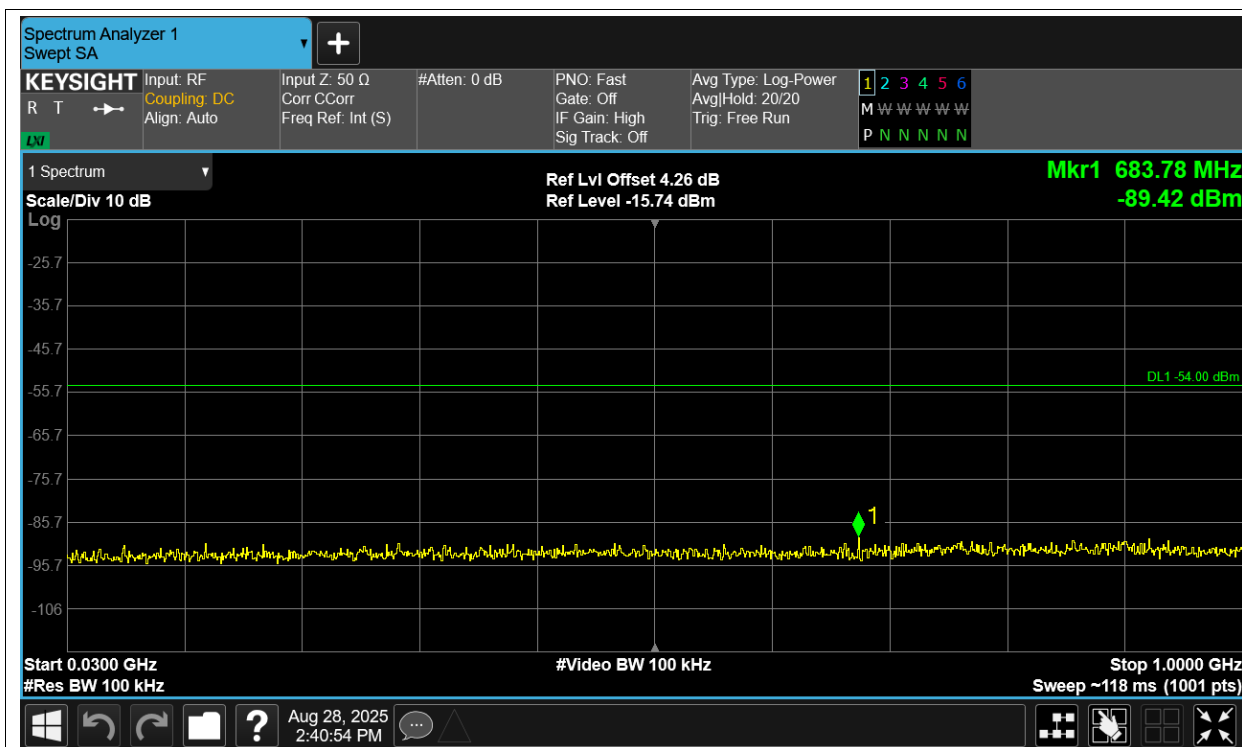




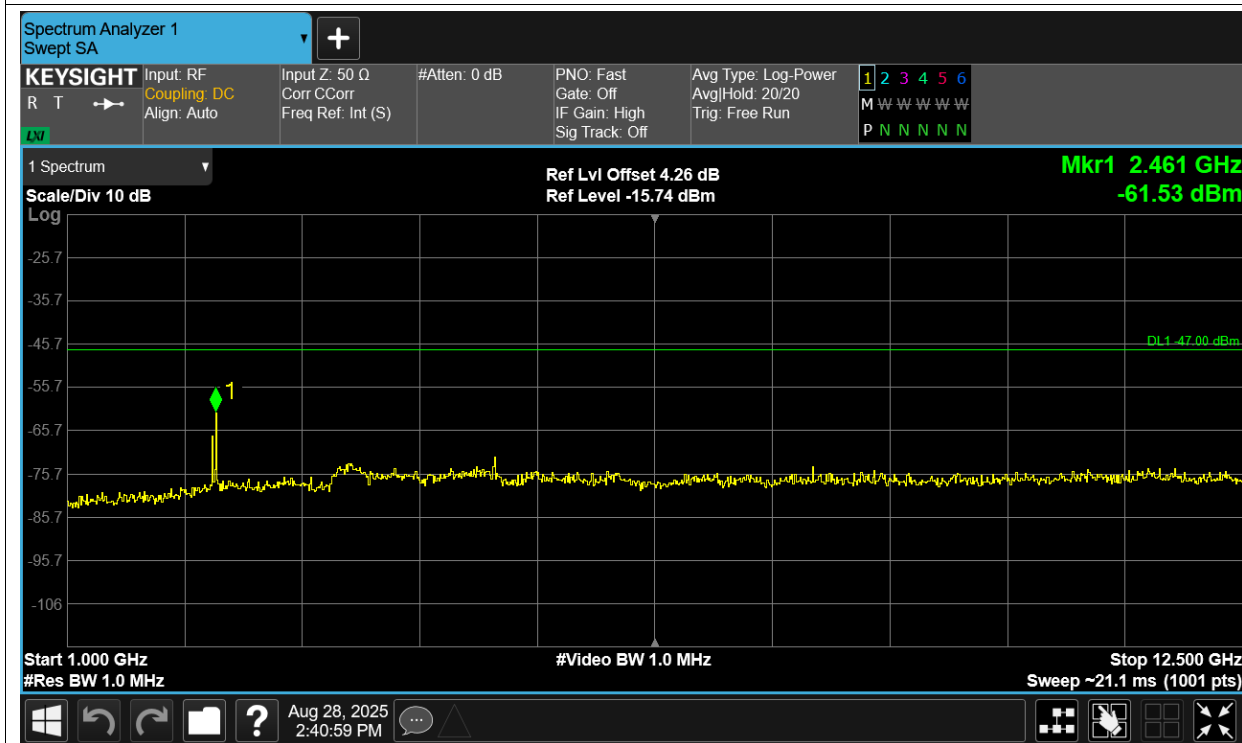
Rx. Spurious NVNT 1-DH1 2441MHz Ant1 @ 1000MHz-12500MHz



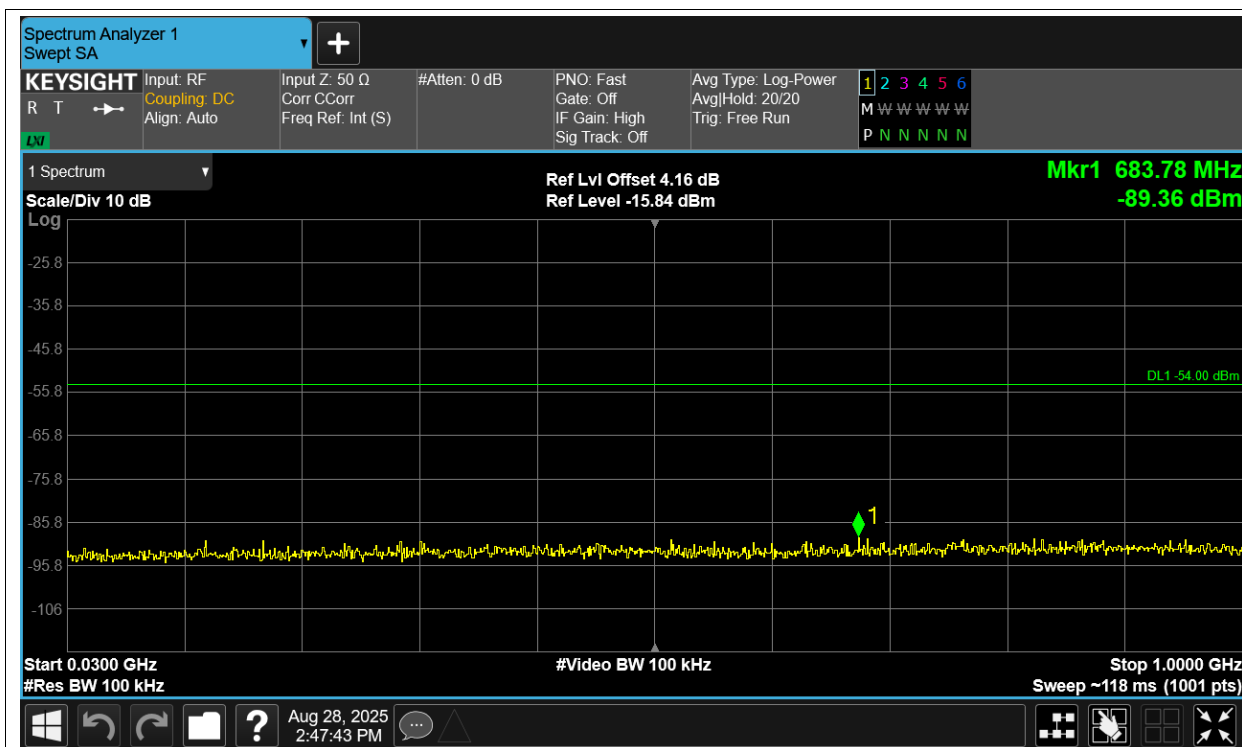
Rx. Spurious NVNT 1-DH1 2480MHz Ant1 @ 30MHz-1000MHz



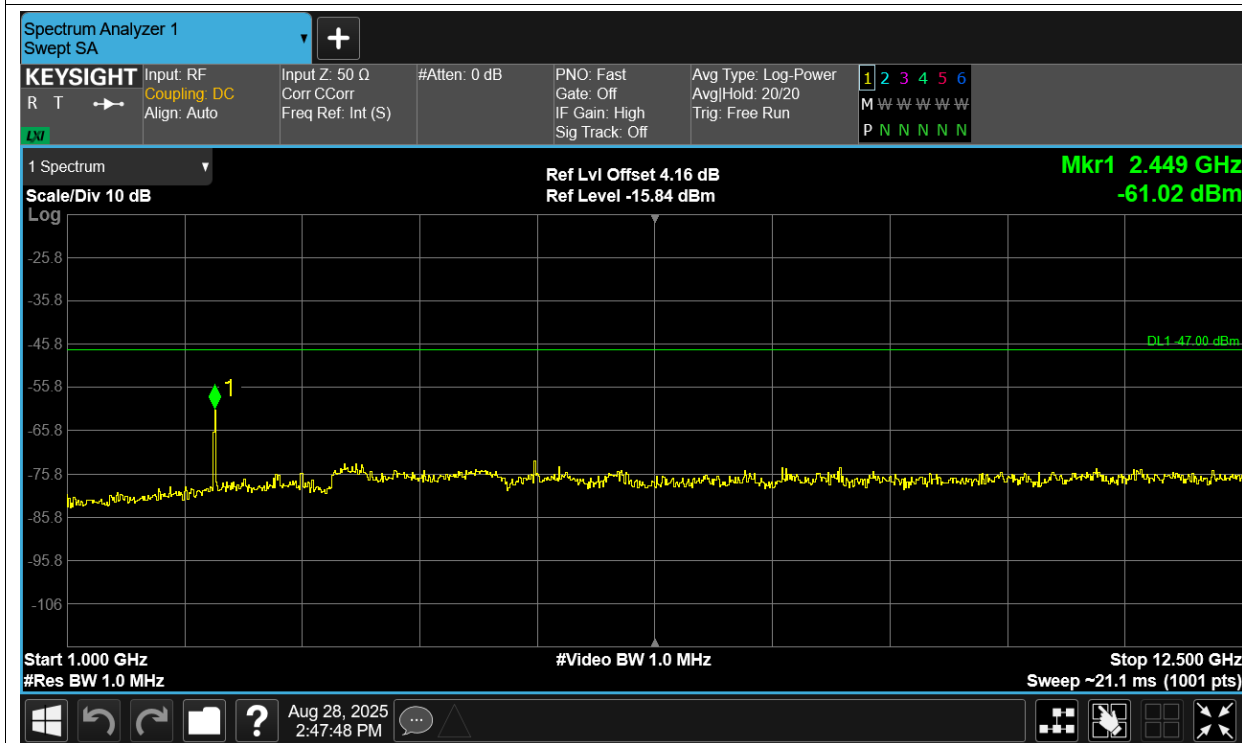
Rx. Spurious NVNT 1-DH1 2480MHz Ant1 @ 1000MHz-12500MHz



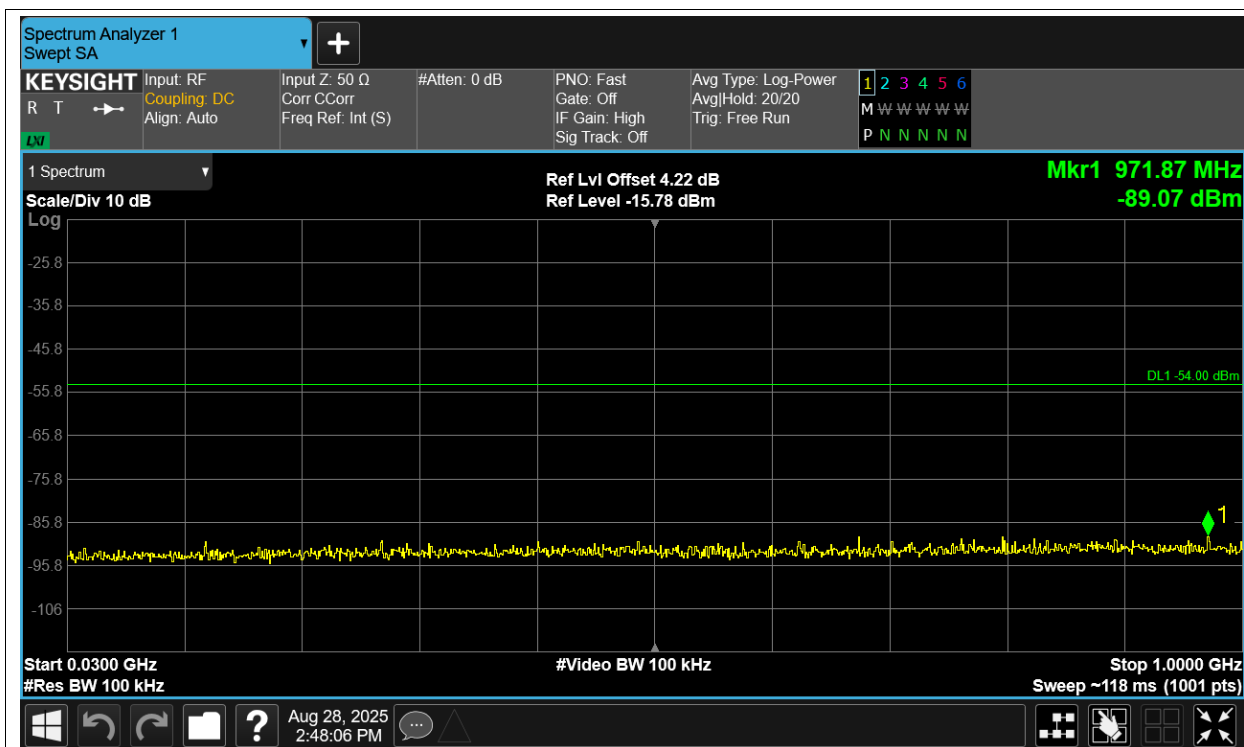
Rx. Spurious NVNT 2-DH1 2402MHz Ant1 @ 30MHz-1000MHz



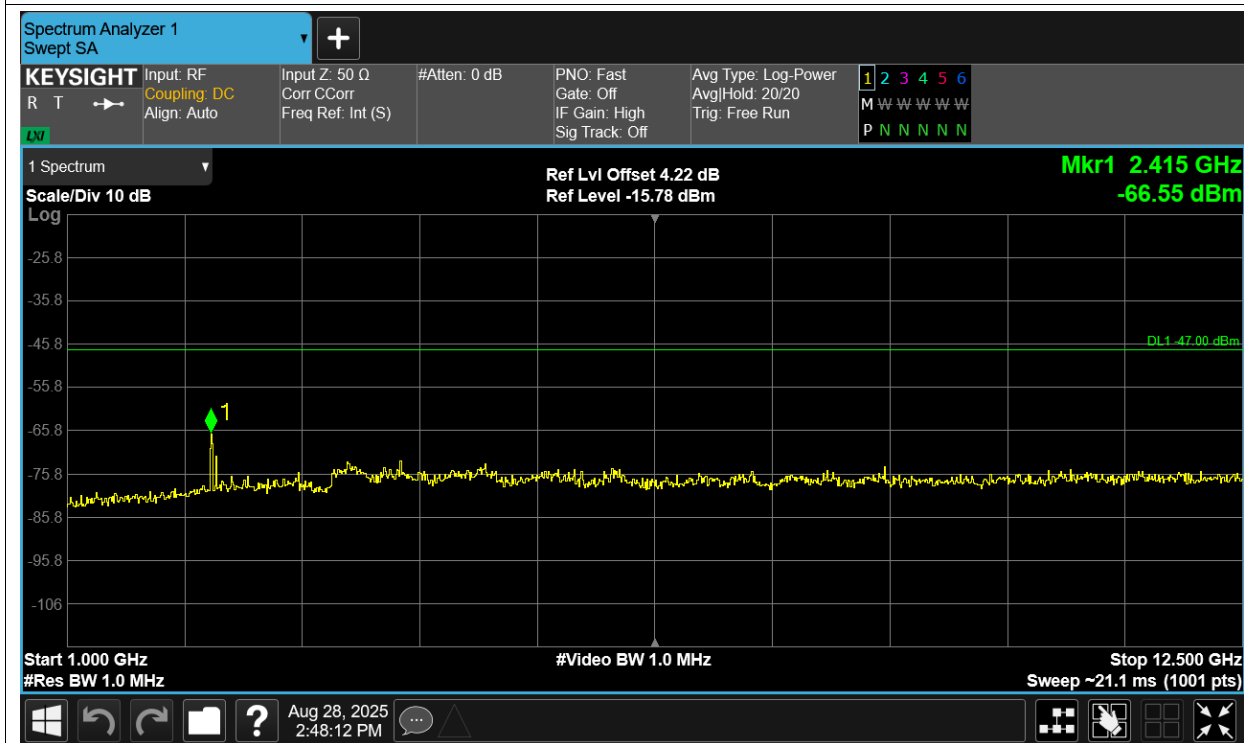
Rx. Spurious NVNT 2-DH1 2402MHz Ant1 @ 1000MHz-12500MHz



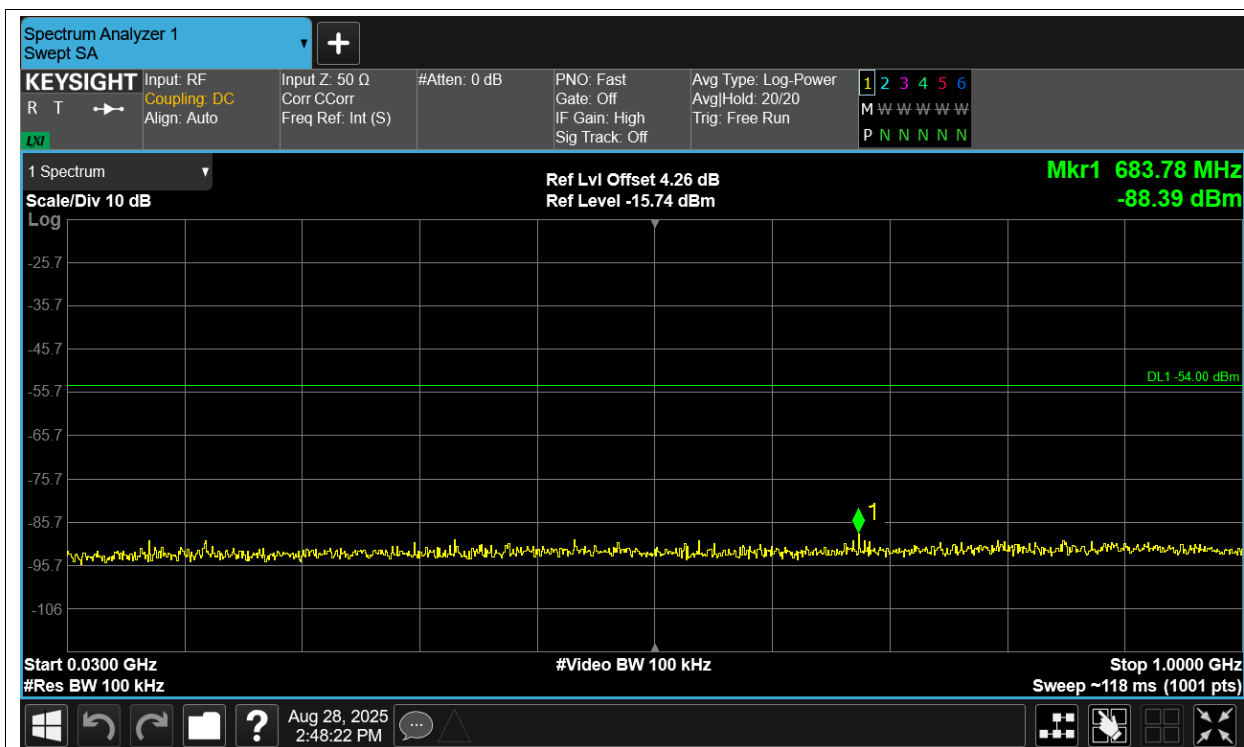
Rx. Spurious NVNT 2-DH1 2441MHz Ant1 @ 30MHz-1000MHz



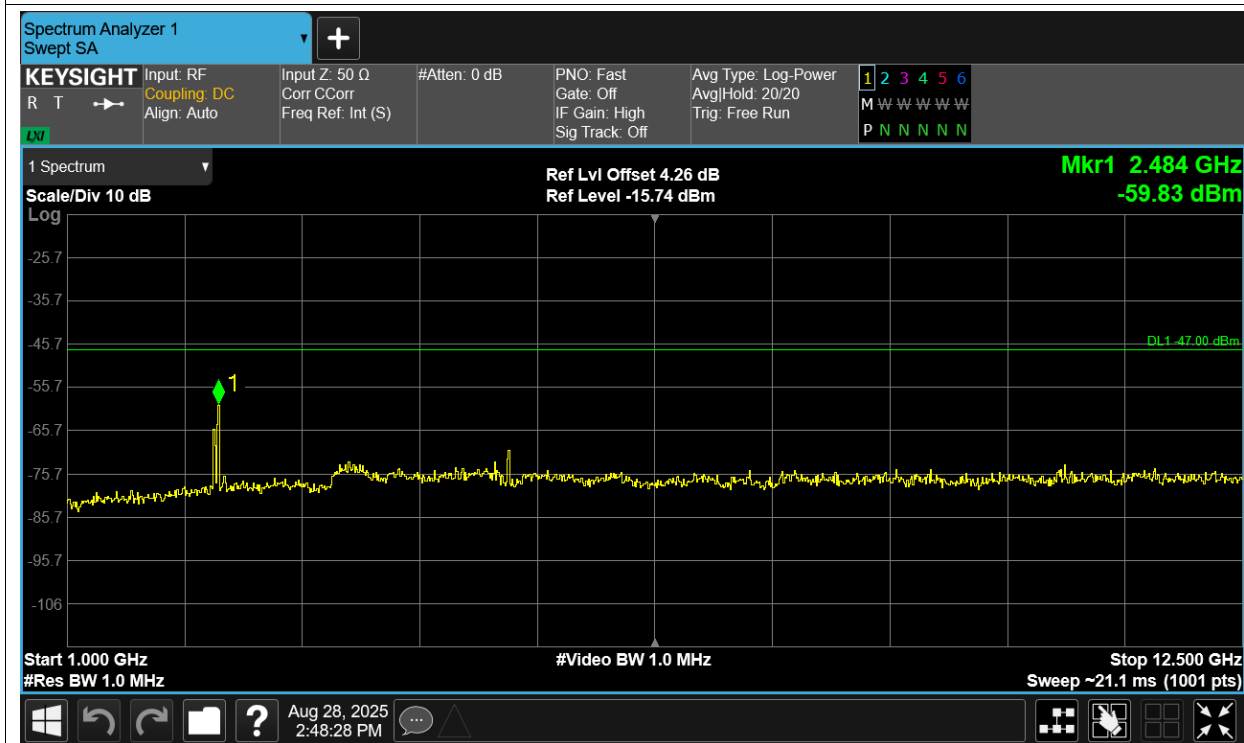
Rx. Spurious NVNT 2-DH1 2441MHz Ant1 @ 1000MHz-12500MHz



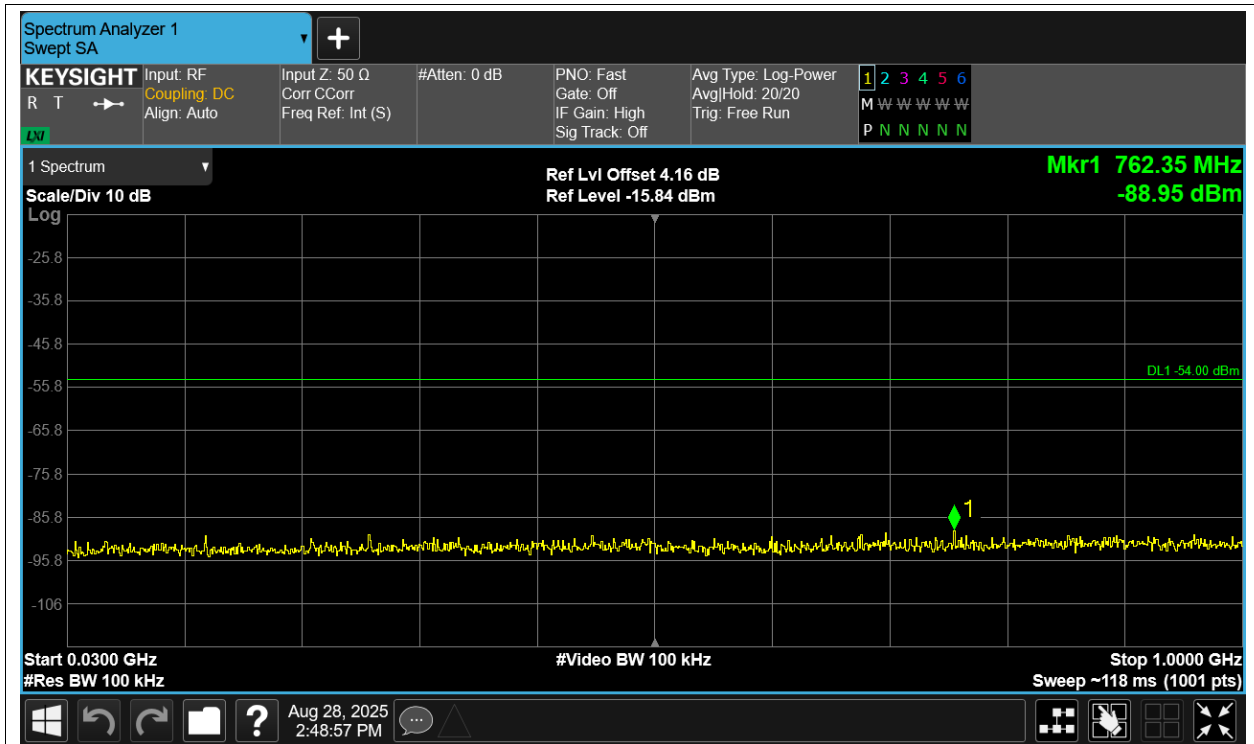
Rx. Spurious NVNT 2-DH1 2480MHz Ant1 @ 30MHz-1000MHz



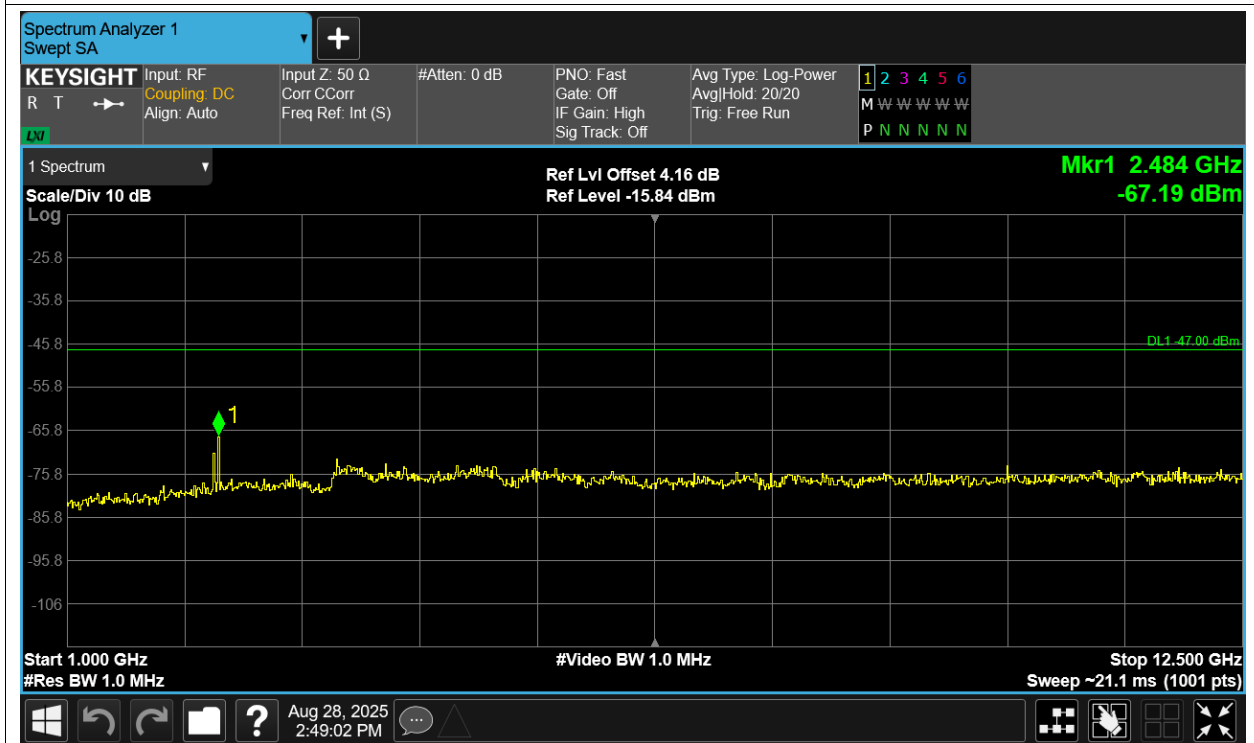
Rx. Spurious NVNT 2-DH1 2480MHz Ant1 @ 1000MHz-12500MHz



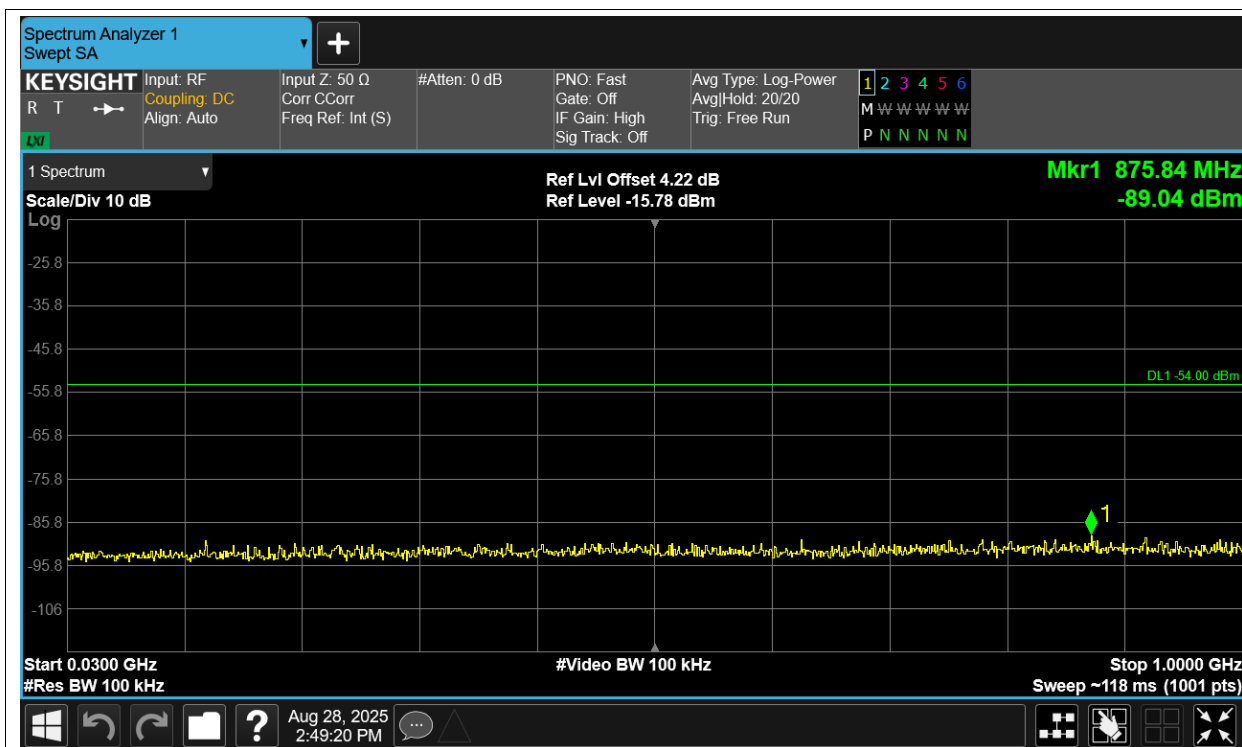
Rx. Spurious NVNT 3-DH1 2402MHz Ant1 @ 30MHz-1000MHz



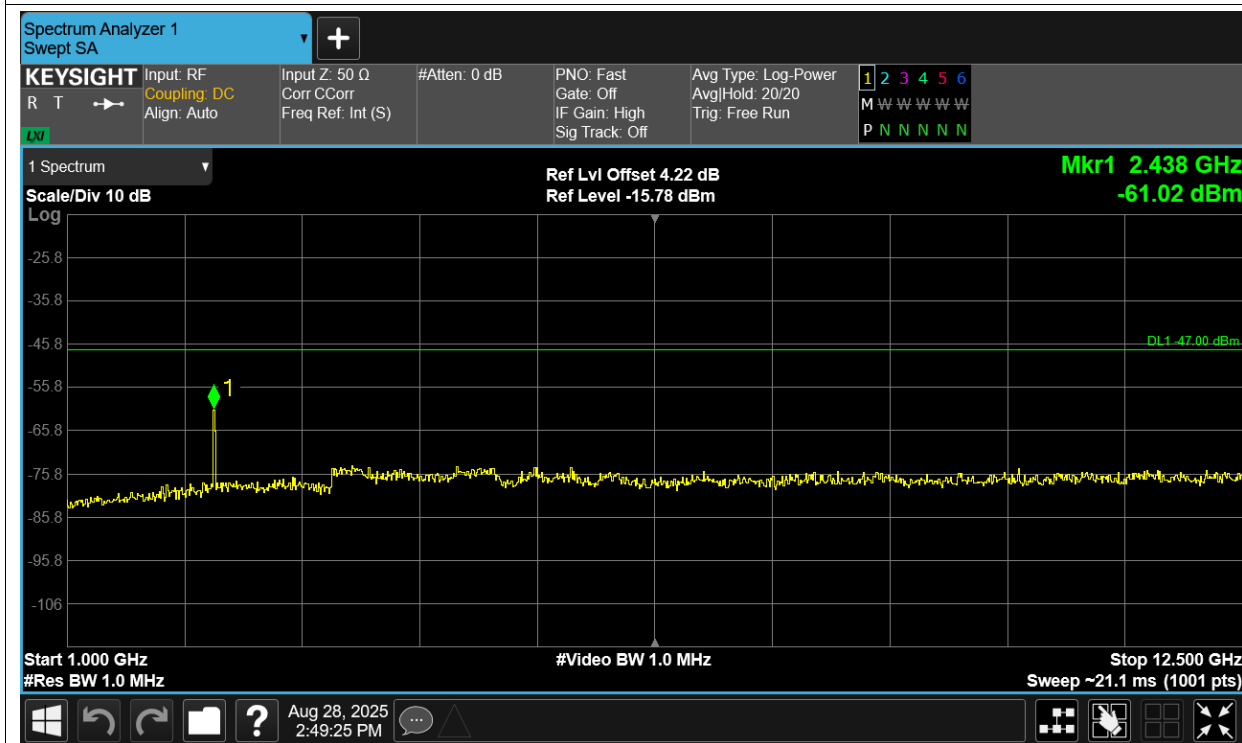
Rx. Spurious NVNT 3-DH1 2402MHz Ant1 @ 1000MHz-12500MHz



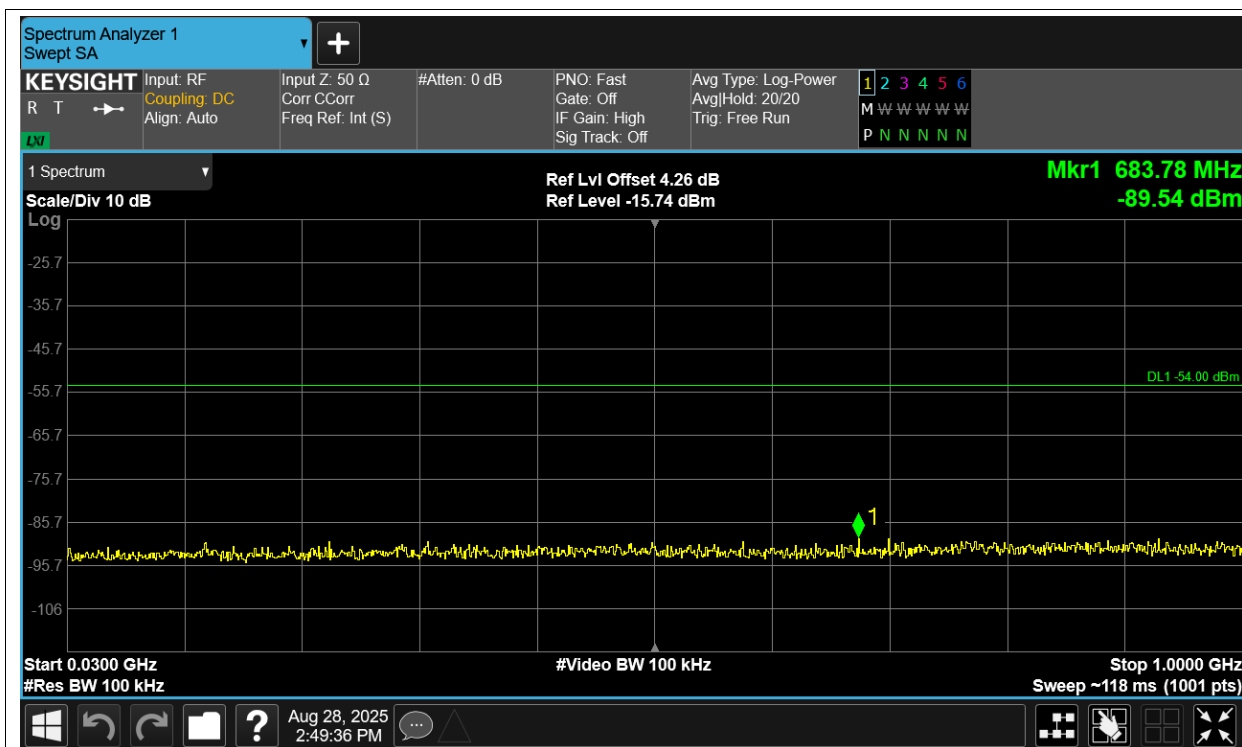
Rx. Spurious NVNT 3-DH1 2441MHz Ant1 @ 30MHz-1000MHz



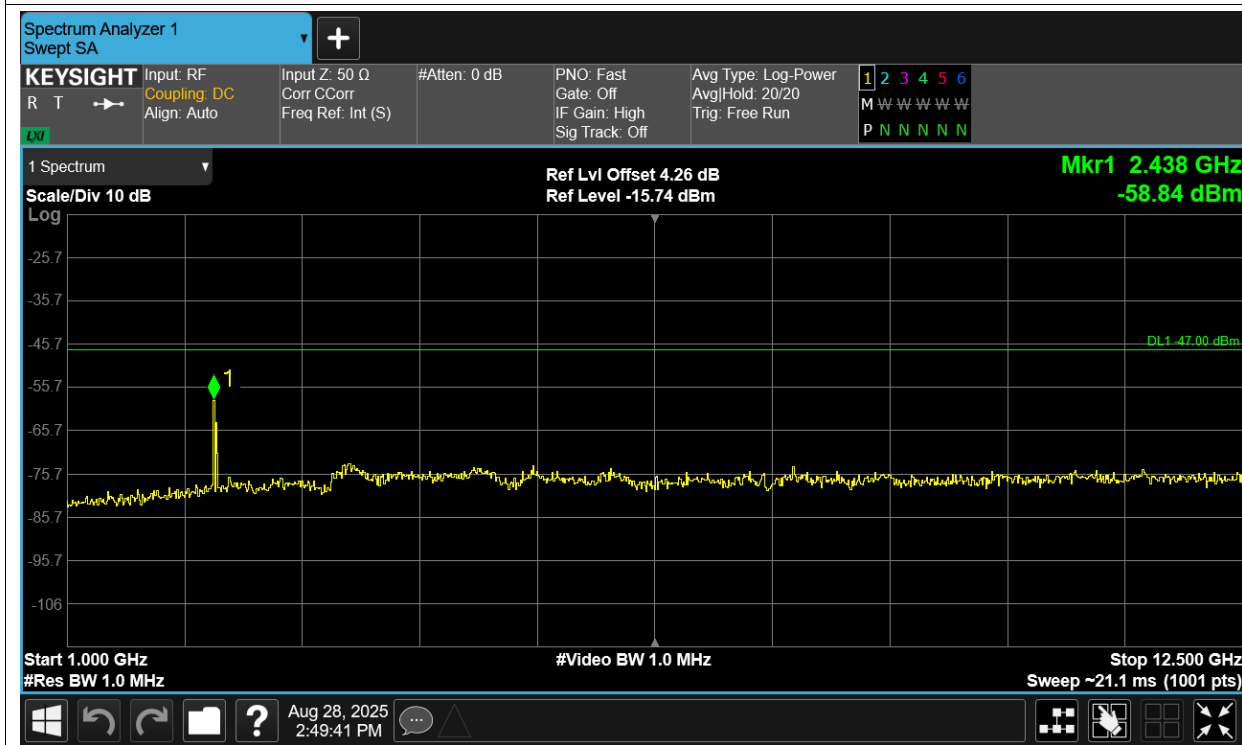
Rx. Spurious NVNT 3-DH1 2441MHz Ant1 @ 1000MHz-12500MHz



Rx. Spurious NVNT 3-DH1 2480MHz Ant1 @ 30MHz-1000MHz



Rx. Spurious NVNT 3-DH1 2480MHz Ant1 @ 1000MHz-12500MHz



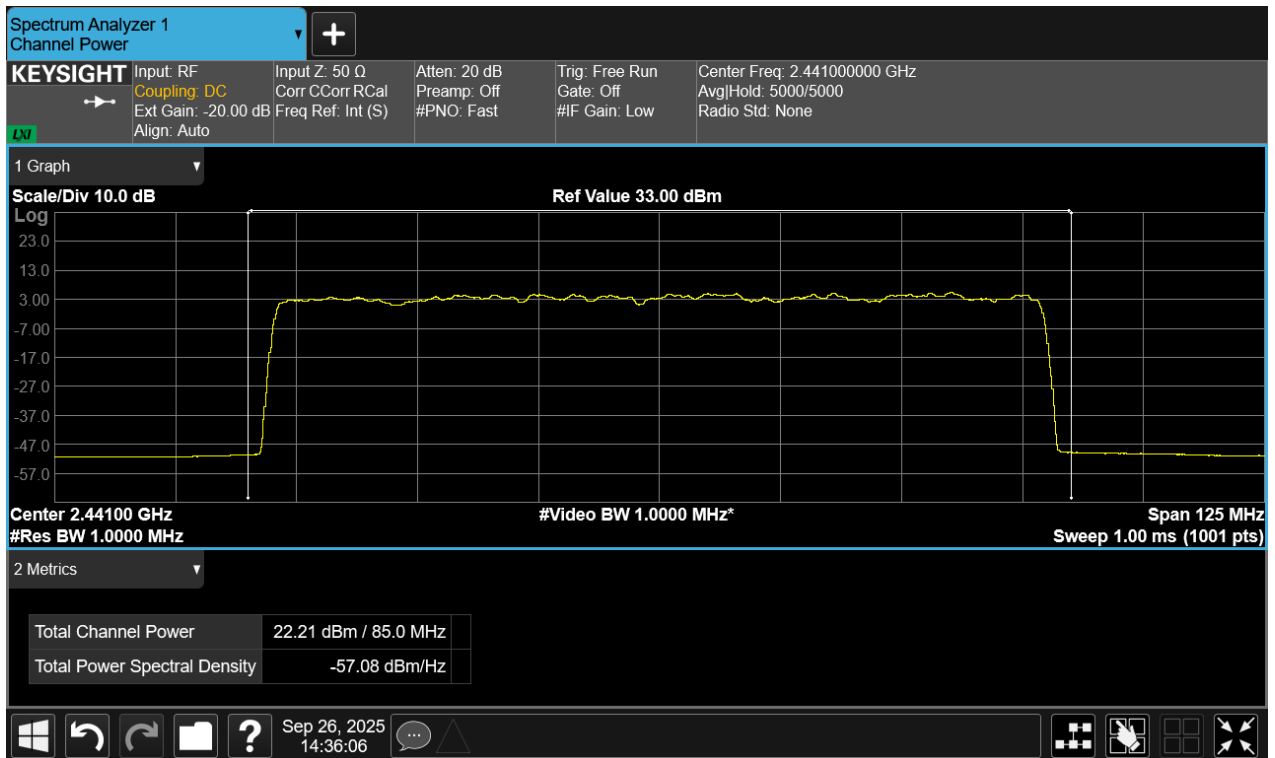
Antenna Power and deviation

Condition	Mode	Antenna	Total Power (dBm)	Total Power (mW)	Spread Bandwidth (MHz)	Antenna Power (dBm/MHz)	Antenna Power (mW/MHz)	Antenna Power Limit (mW/MHz)	Verdict
NVNT	1-DH1	Ant1	22.21	166.34	71.026	3.70	2.342	3.0	Pass
NVNT	2-DH1	Ant1	22.09	161.81	71.168	3.57	2.274	3.0	Pass
NVNT	3-DH1	Ant1	21.98	157.76	71.234	3.45	2.214	3.0	Pass

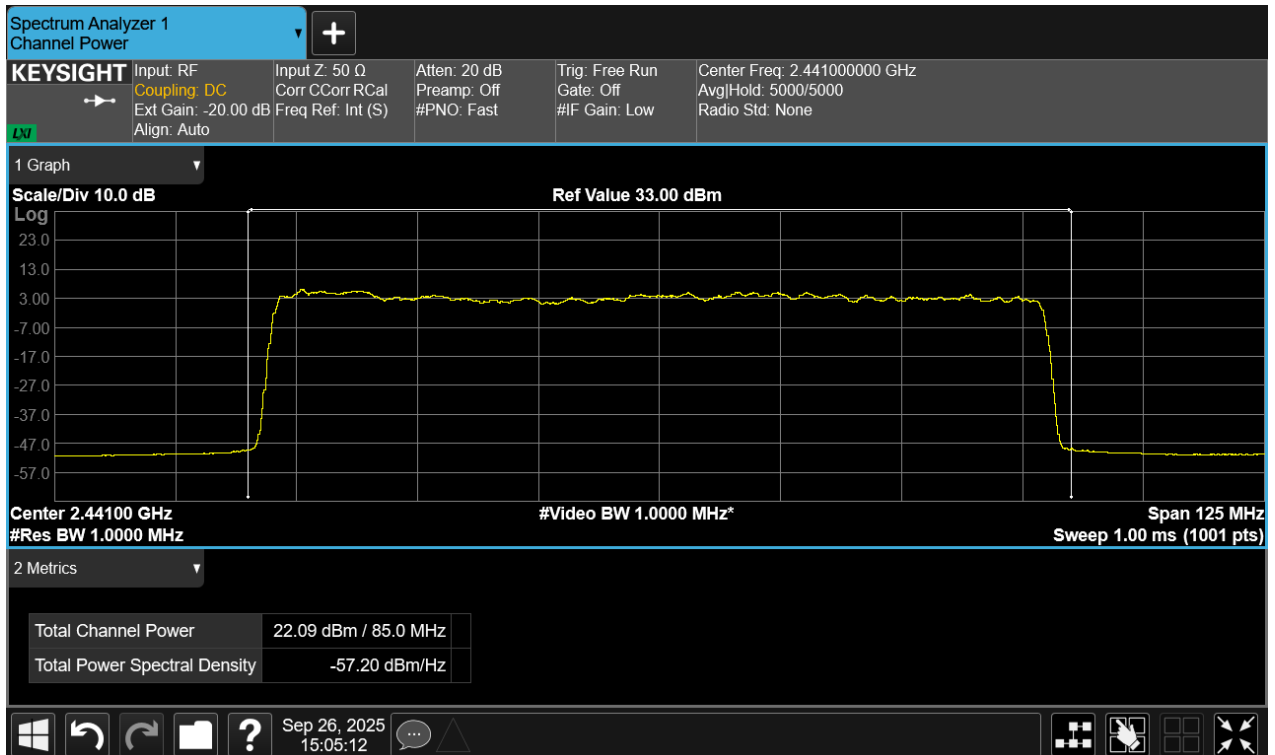
Condition	Mode	Antenna	Antenna Power (mW/MHz)	Declared Power (mW/MHz)	Tolerance (%)	Upper Limit (%)	Lower Limit (%)	Verdict
NVNT	1-DH1	Ant1	2.342	2.5	-6.32	20	-80	Pass
NVNT	2-DH1	Ant1	2.274	2.5	-9.04	20	-80	Pass
NVNT	3-DH1	Ant1	2.214	2.5	-11.44	20	-80	Pass

Test Graphs

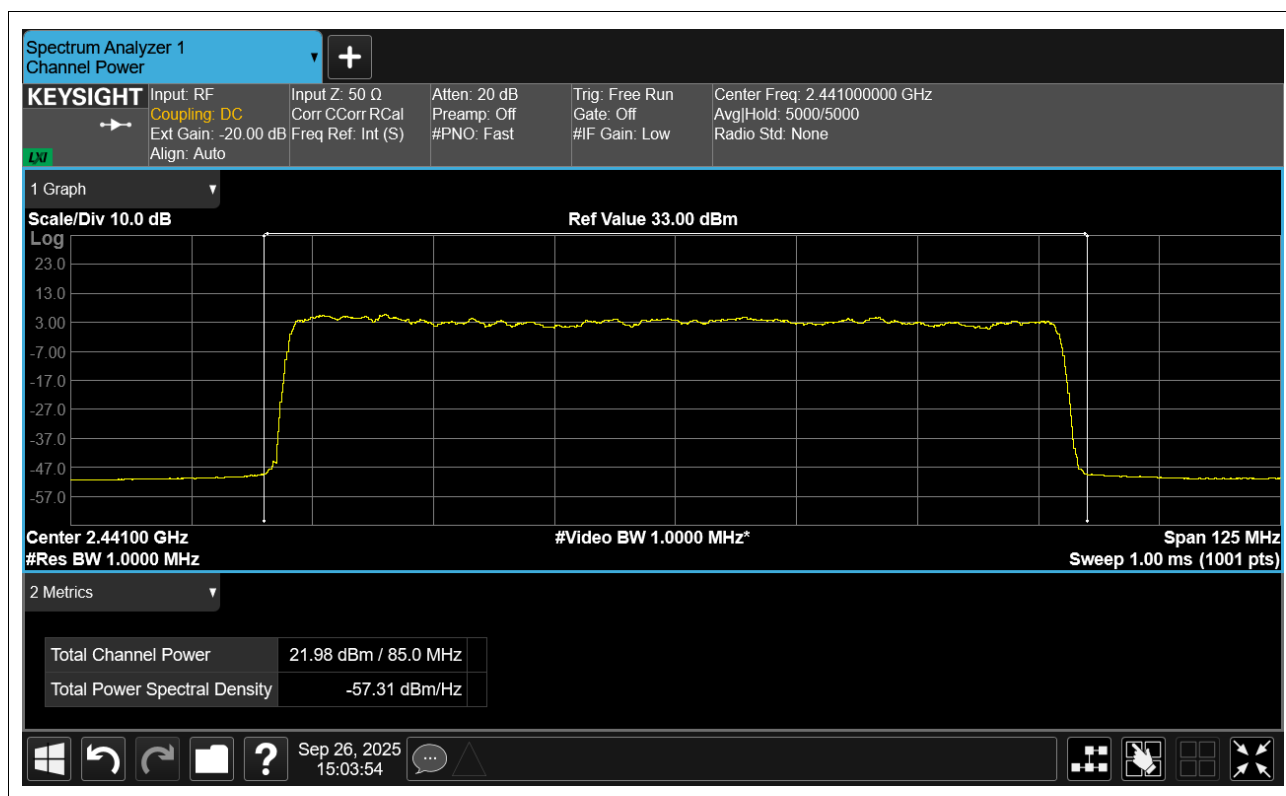
Power NVNT 1-DH1 Ant1



Power NVNT 2-DH1 Ant1



Power NVNT 3-DH1 Ant1



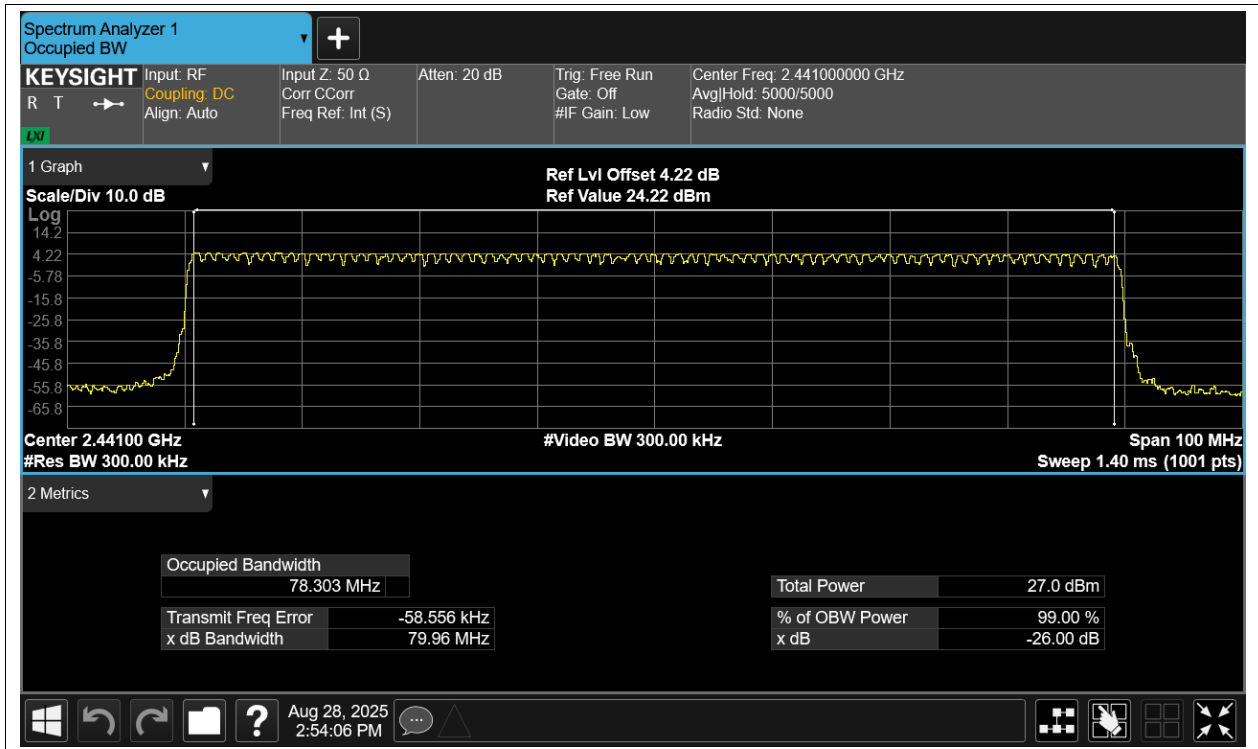
EIRP Power

Condition	Mode	Frequency (MHz)	Antenna	Antenna Power (dBm)	Gain (dBi)	EIRP Power (dBm)	Limit (dBm)	Verdict
NVNT	1-DH1	2441	Ant1	3.70	0.96	4.66	6.91	Pass
NVNT	2-DH1	2441	Ant1	3.57	0.96	4.53	6.91	Pass
NVNT	3-DH1	2441	Ant1	3.45	0.96	4.41	6.91	Pass

Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH1	2441	Ant1	78.132
NVNT	2-DH1	2441	Ant1	78.272
NVNT	3-DH1	2441	Ant1	78.303



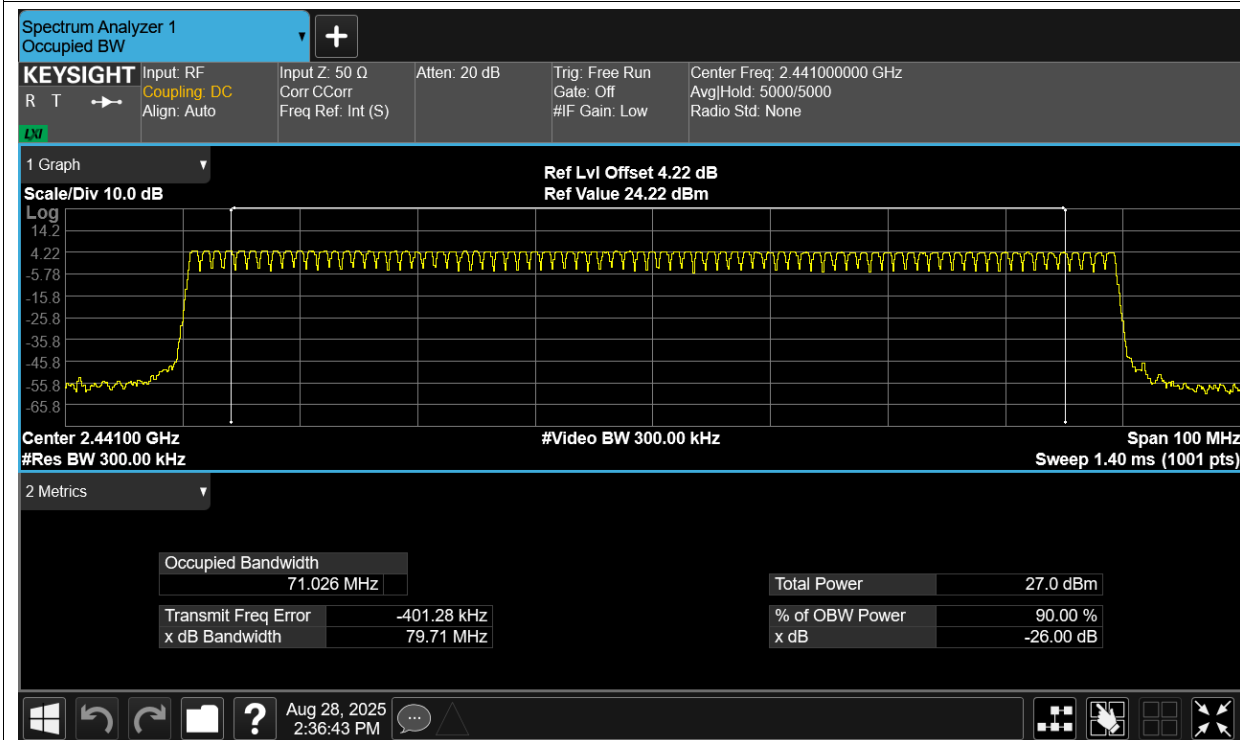


Spreading Bandwidth

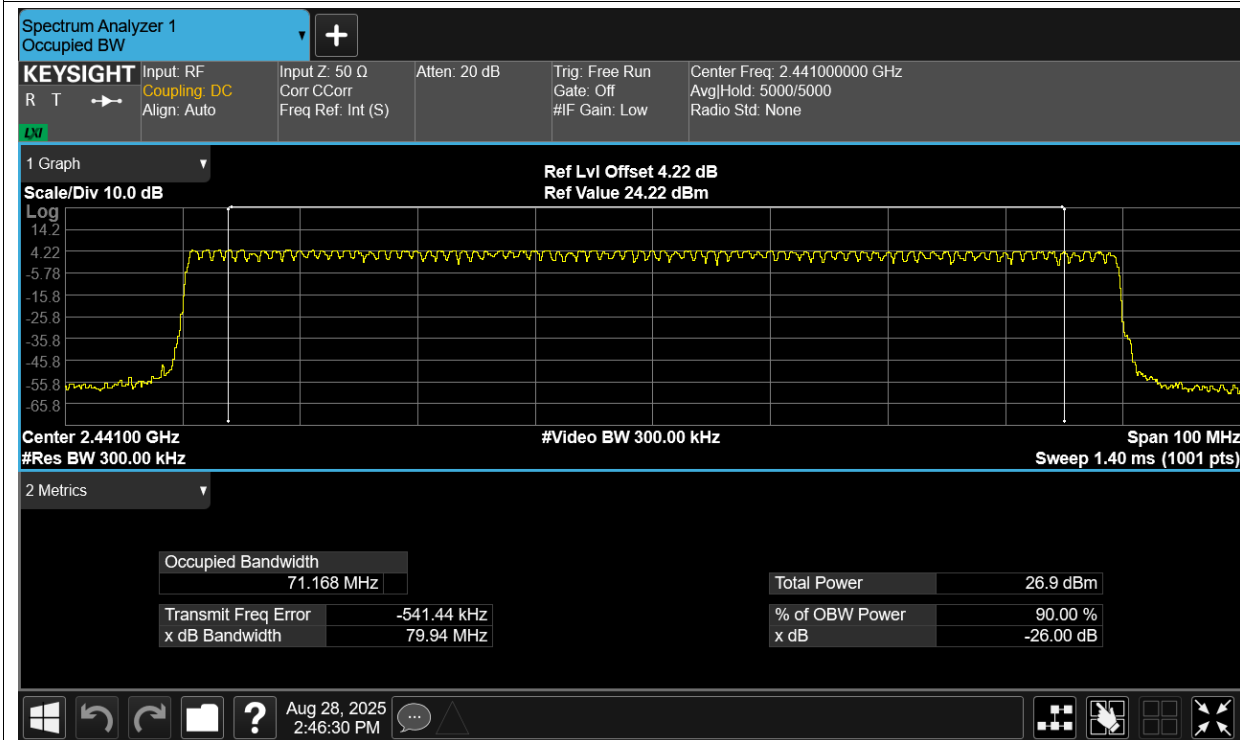
Condition	Mode	Frequency (MHz)	Antenna	90% OBW (MHz)	Limit (MHz)	Verdict
NVNT	1-DH1	2441	Ant1	71.026	0.5	Pass
NVNT	2-DH1	2441	Ant1	71.168	0.5	Pass
NVNT	3-DH1	2441	Ant1	71.234	0.5	Pass

Test Graphs

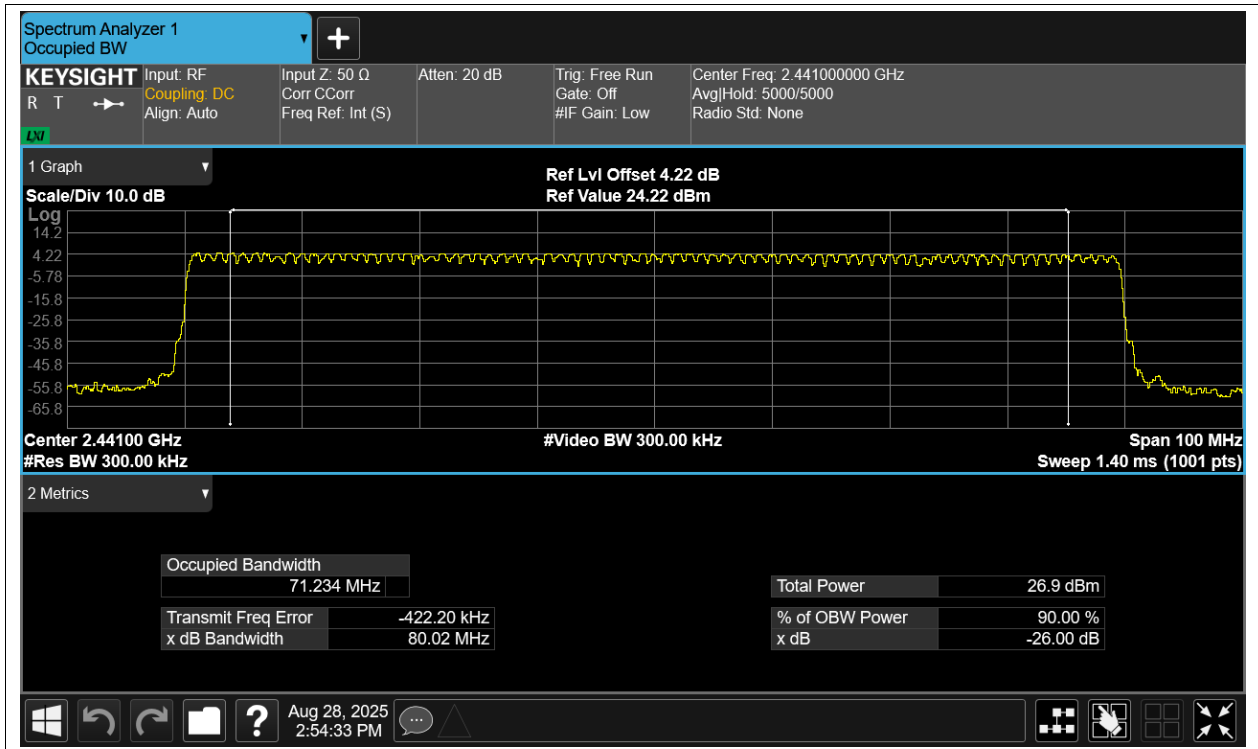
Spreading Bandwidth NVNT 1-DH1 2441MHz Ant1



Spreading Bandwidth NVNT 2-DH1 2441MHz Ant1



Spreading Bandwidth NVNT 3-DH1 2441MHz Ant1

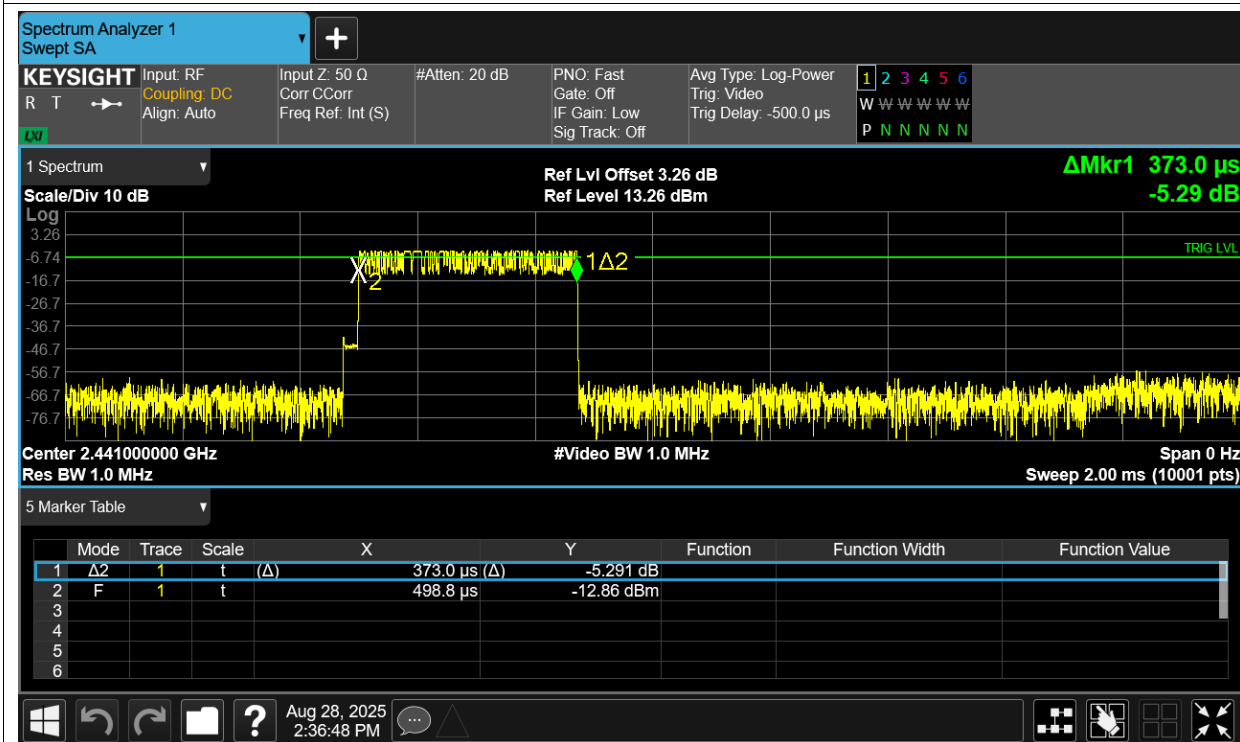


Dwell Time

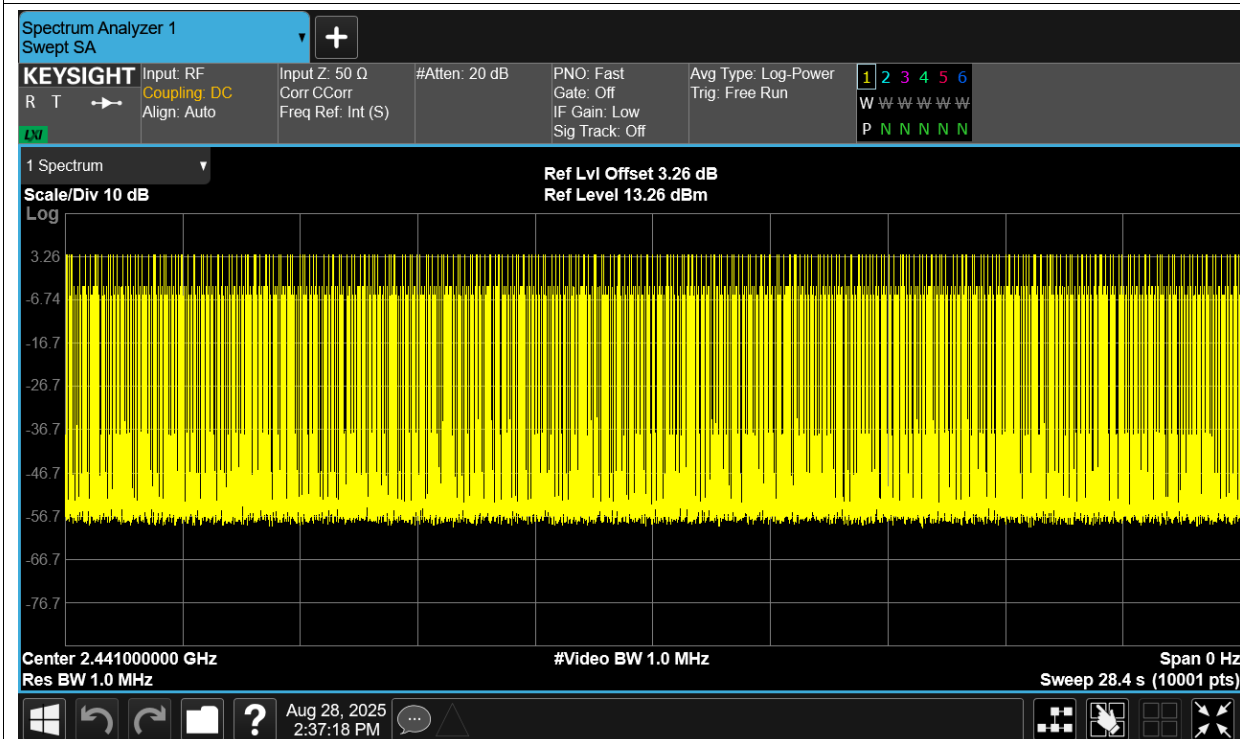
Condition	Mode	Frequency (MHz)	Antenna	Pulse Time (ms)	Total Dwell Time (ms)	Burst Count	Period Time (ms)	Limit (ms)	Verdict
NVNT	1-DH1	2441	Ant1	0.373	107.424	288	28410.4	400	Pass
NVNT	1-DH5	2441	Ant1	2.868	306.876	107	31600	400	Pass
NVNT	2-DH1	2441	Ant1	0.38	108.68	286	28467.2	400	Pass
NVNT	2-DH5	2441	Ant1	2.879	305.174	106	31600	400	Pass
NVNT	3-DH1	2441	Ant1	0.38	109.44	288	28493.6	400	Pass
NVNT	3-DH5	2441	Ant1	2.881	308.267	107	31600	400	Pass

Test Graphs

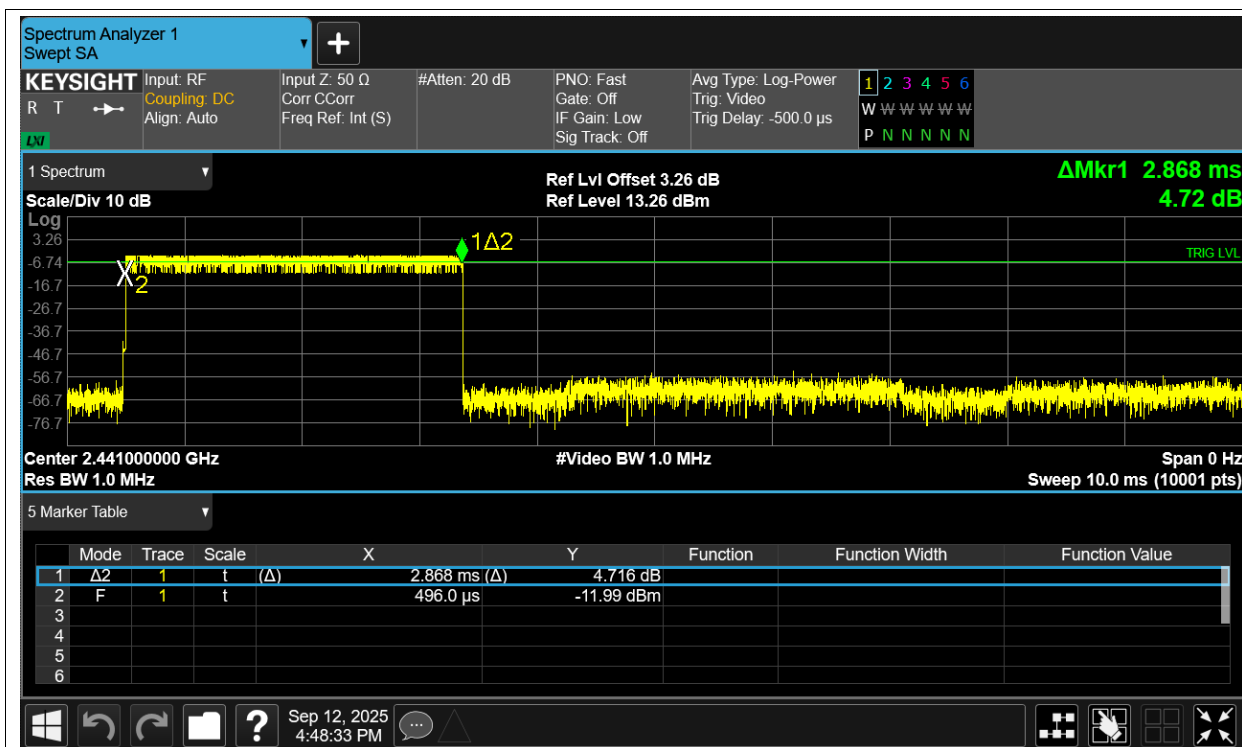
Dwell NVNT 1-DH1 2441MHz Ant1 One Burst



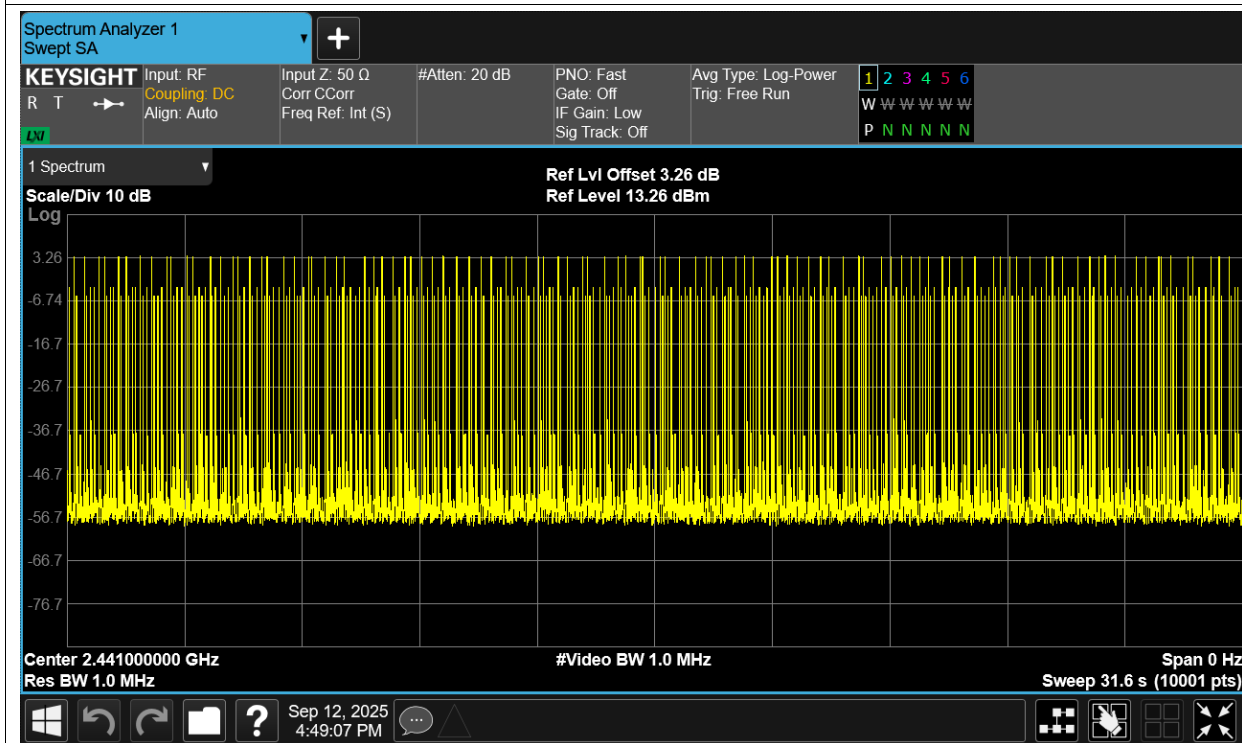
Dwell NVNT 1-DH1 2441MHz Ant1 Accumulated



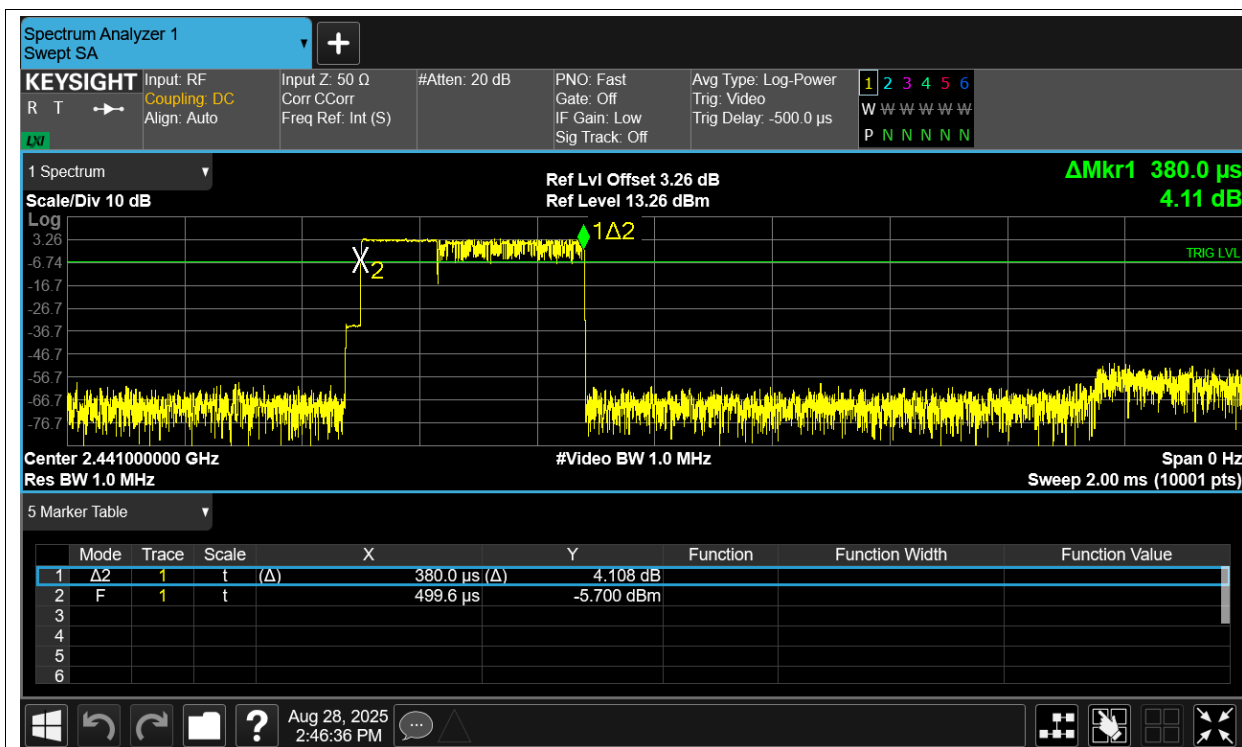
Dwell NVNT 1-DH5 2441MHz Ant1 One Burst



Dwell NVNT 1-DH5 2441MHz Ant1 Accumulated



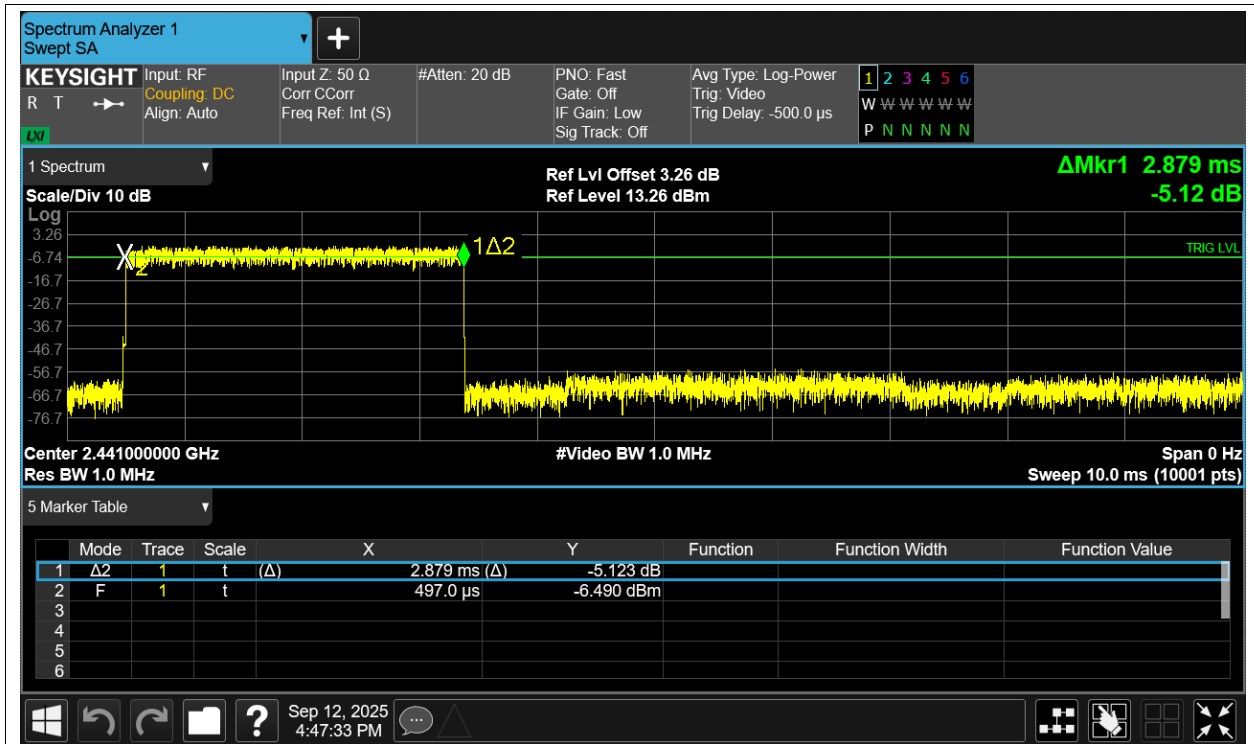
Dwell NVNT 2-DH1 2441MHz Ant1 One Burst



Dwell NVNT 2-DH1 2441MHz Ant1 Accumulated



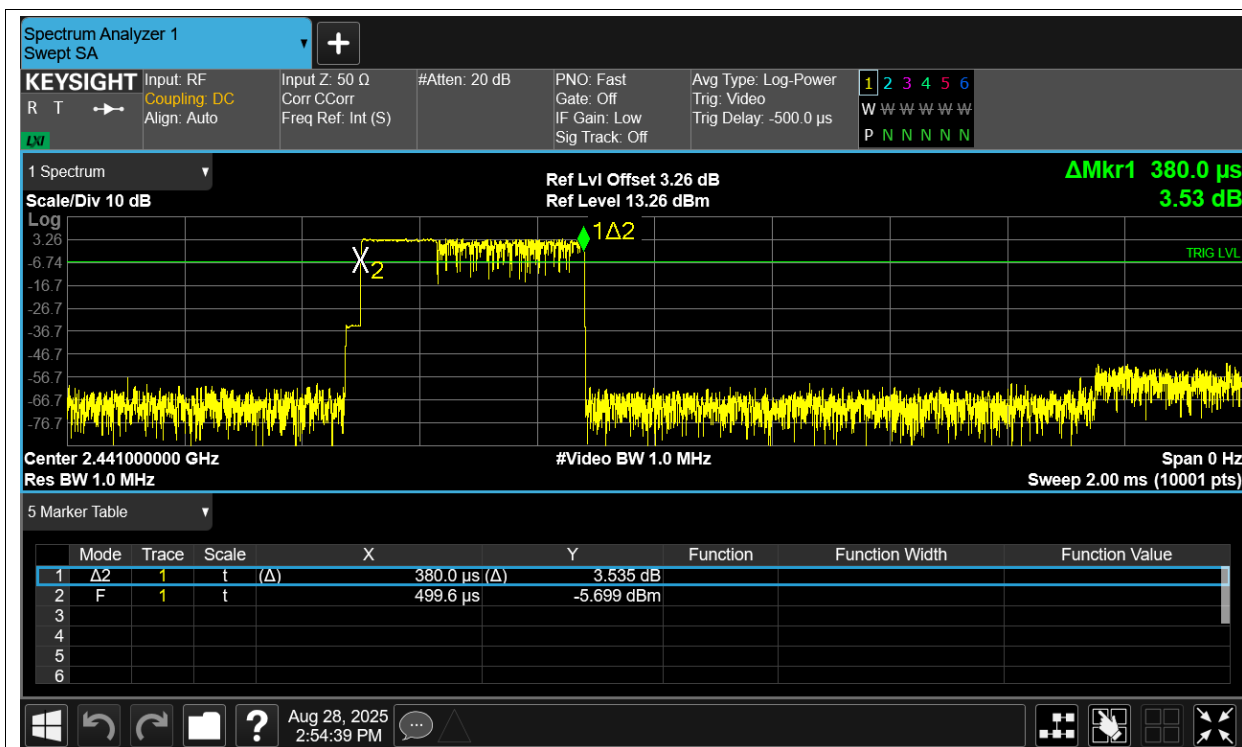
Dwell NVNT 2-DH5 2441MHz Ant1 One Burst



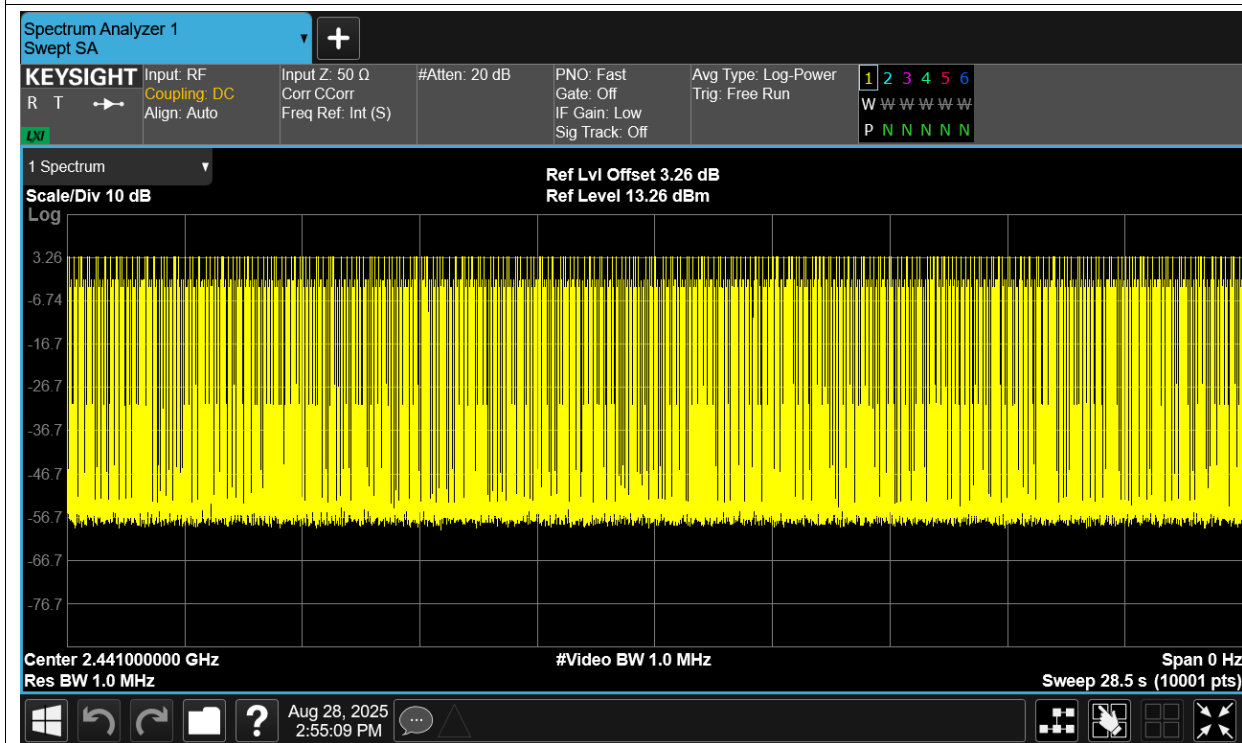
Dwell NVNT 2-DH5 2441MHz Ant1 Accumulated



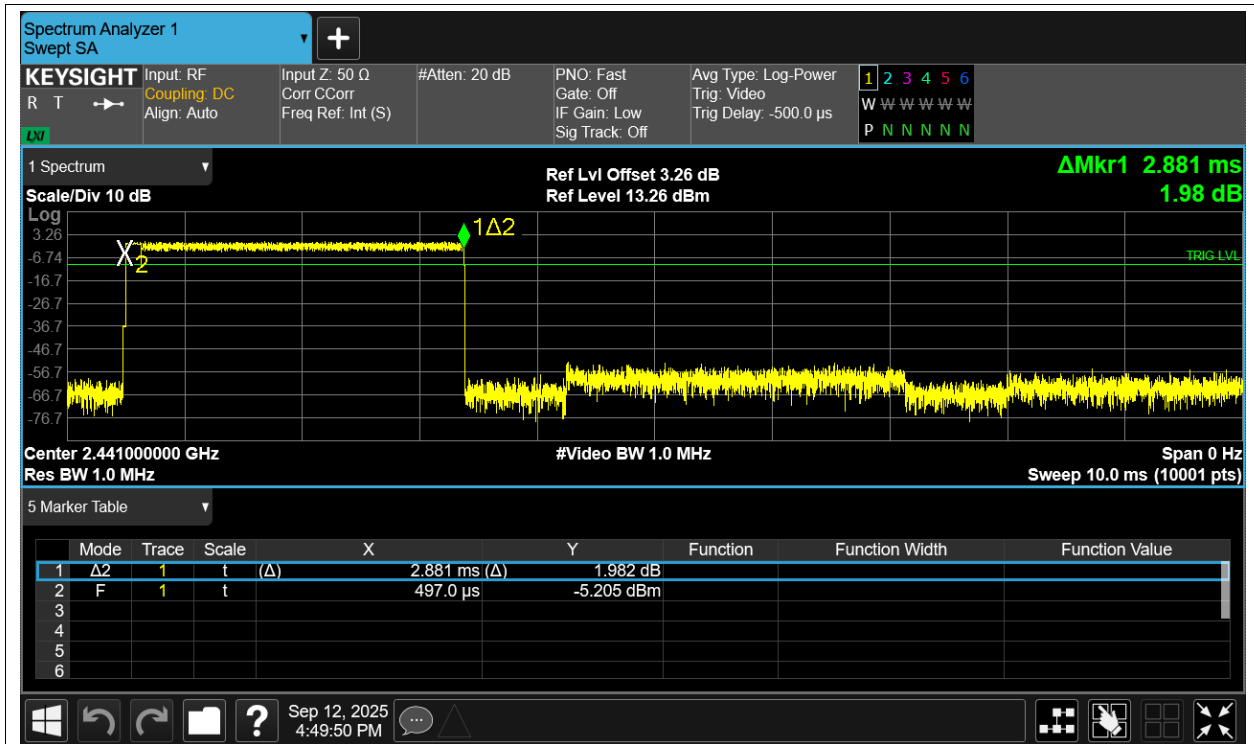
Dwell NVNT 3-DH1 2441MHz Ant1 One Burst



Dwell NVNT 3-DH1 2441MHz Ant1 Accumulated



Dwell NVNT 3-DH5 2441MHz Ant1 One Burst



Dwell NVNT 3-DH5 2441MHz Ant1 Accumulated

