
Frequency Error

Condition	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	2402	Ant1	2402.072	72000	29.98	50	Pass
NVNT	2440	Ant1	2440.073	73000	29.92	50	Pass
NVNT	2480	Ant1	2480.075	75000	30.24	50	Pass



Freq. Error NVNT 2402MHz Ant1



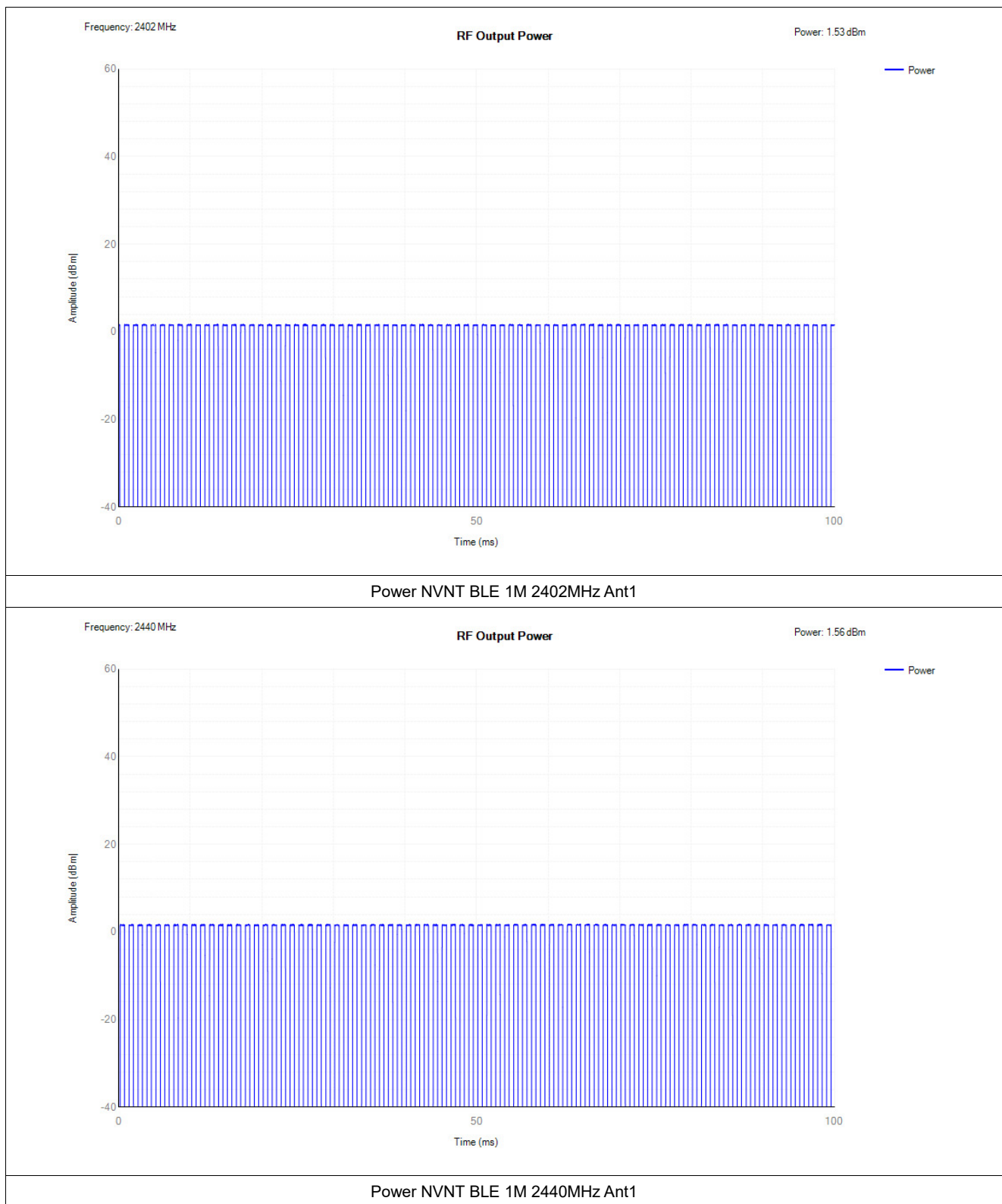
Freq. Error NVNT 2440MHz Ant1

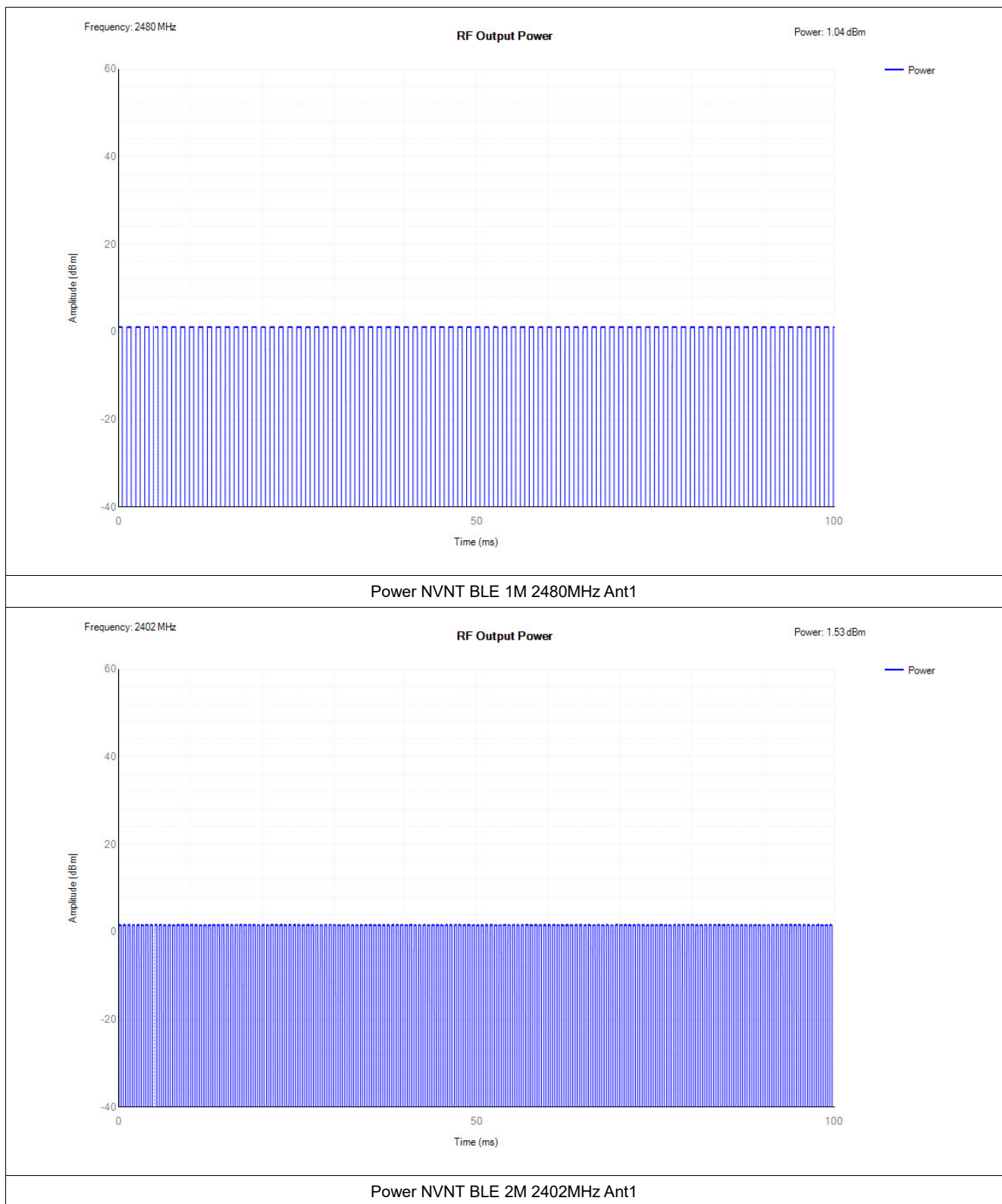


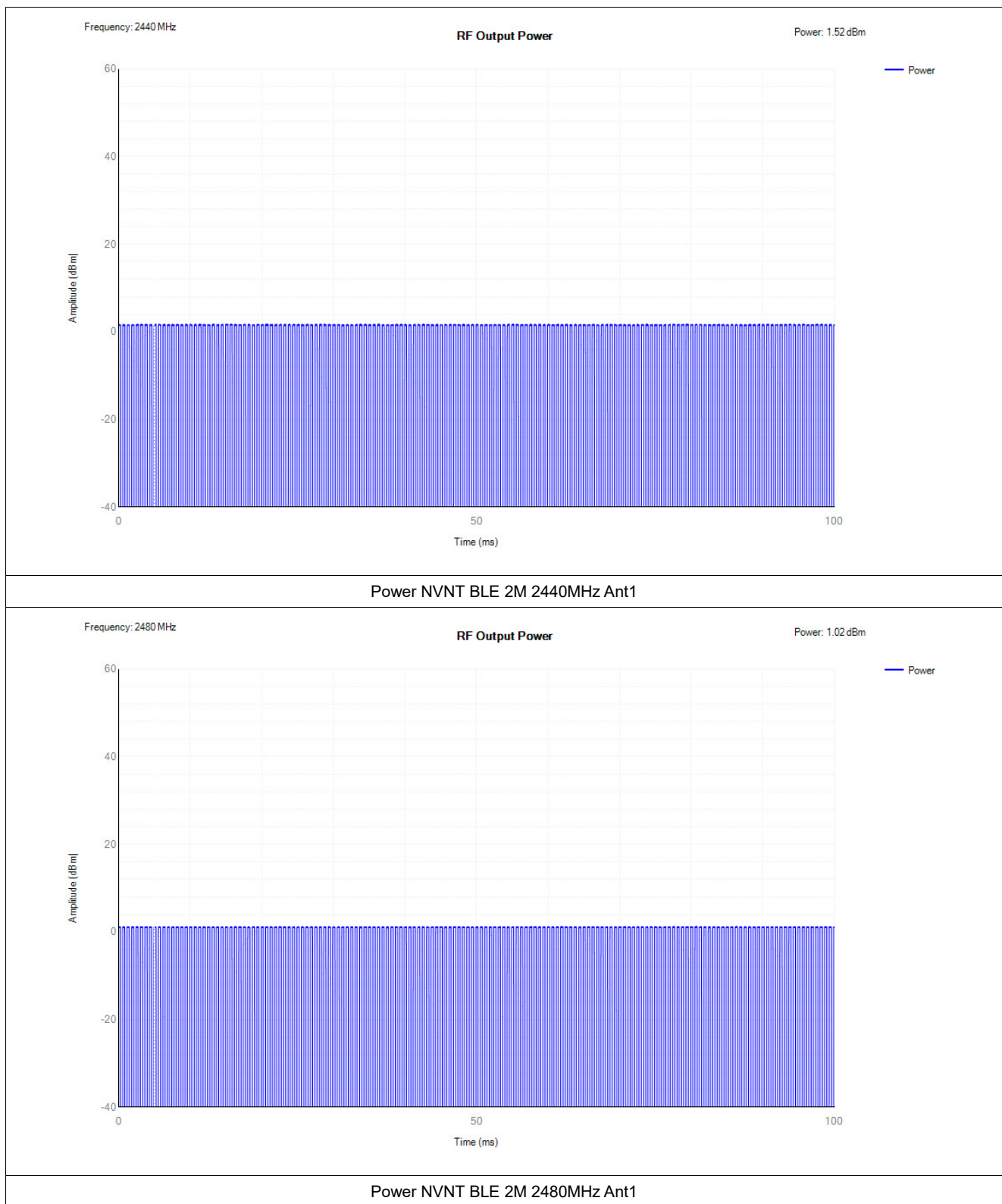
Freq. Error NVNT 2480MHz Ant1

Antenna Power

Condition	Mode	Frequency (MHz)	Antenna	Power (dBm)	Power (mW)	Limit (mW)	Declared Power (mW)	Tolerance (%)	Upper Limit (%)	Verdict
NVNT	BLE 1M	2402	Ant1	1.53	1.422	10	2	-28.9	20	Pass
NVNT	BLE 1M	2440	Ant1	1.56	1.432	10	2	-28.4	20	Pass
NVNT	BLE 1M	2480	Ant1	1.04	1.271	10	2	-36.45	20	Pass
NVNT	BLE 2M	2402	Ant1	1.53	1.422	10	2	-28.9	20	Pass
NVNT	BLE 2M	2440	Ant1	1.52	1.419	10	2	-29.05	20	Pass
NVNT	BLE 2M	2480	Ant1	1.02	1.265	10	2	-36.75	20	Pass







EIRP Power

Condition	Mode	Frequency (MHz)	Antenna	Antenna Power (mW)	Antenna Power (dBm)	Gain (dBi)	EIRP Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	1.422	1.53	-0.58	0.95	12.14	Pass
NVNT	BLE 1M	2440	Ant1	1.432	1.56	-0.58	0.98	12.14	Pass
NVNT	BLE 1M	2480	Ant1	1.271	1.04	-0.58	0.46	12.14	Pass
NVNT	BLE 2M	2402	Ant1	1.422	1.53	-0.58	0.95	12.14	Pass
NVNT	BLE 2M	2440	Ant1	1.419	1.52	-0.58	0.94	12.14	Pass
NVNT	BLE 2M	2480	Ant1	1.265	1.02	-0.58	0.44	12.14	Pass

Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)	Lower Limit (MHz)	Upper Limit (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	1.3232	N/A	26	Pass
NVNT	BLE 1M	2440	Ant1	1.3644	N/A	26	Pass
NVNT	BLE 1M	2480	Ant1	1.3867	N/A	26	Pass
NVNT	BLE 2M	2402	Ant1	2.154	N/A	26	Pass
NVNT	BLE 2M	2440	Ant1	2.1761	N/A	26	Pass
NVNT	BLE 2M	2480	Ant1	2.172	N/A	26	Pass



OBW NVNT BLE 1M 2402MHz Ant1



OBW NVNT BLE 1M 2440MHz Ant1



OBW NVNT BLE 1M 2480MHz Ant1



OBW NVNT BLE 2M 2402MHz Ant1



OBW NVNT BLE 2M 2440MHz Ant1

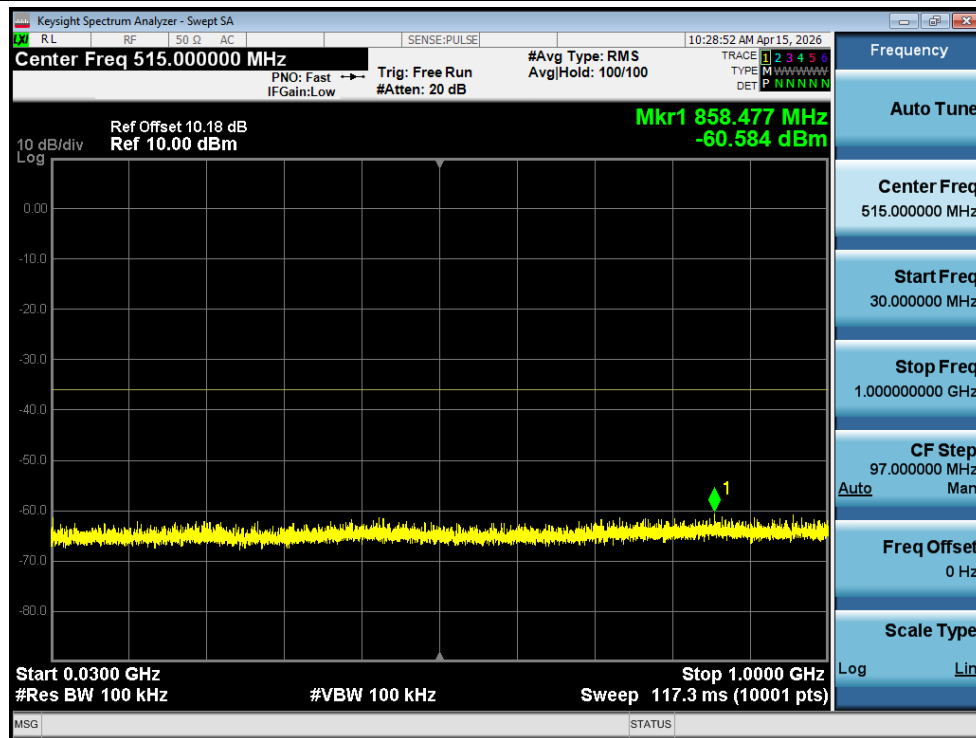


OBW NVNT BLE 2M 2480MHz Ant1

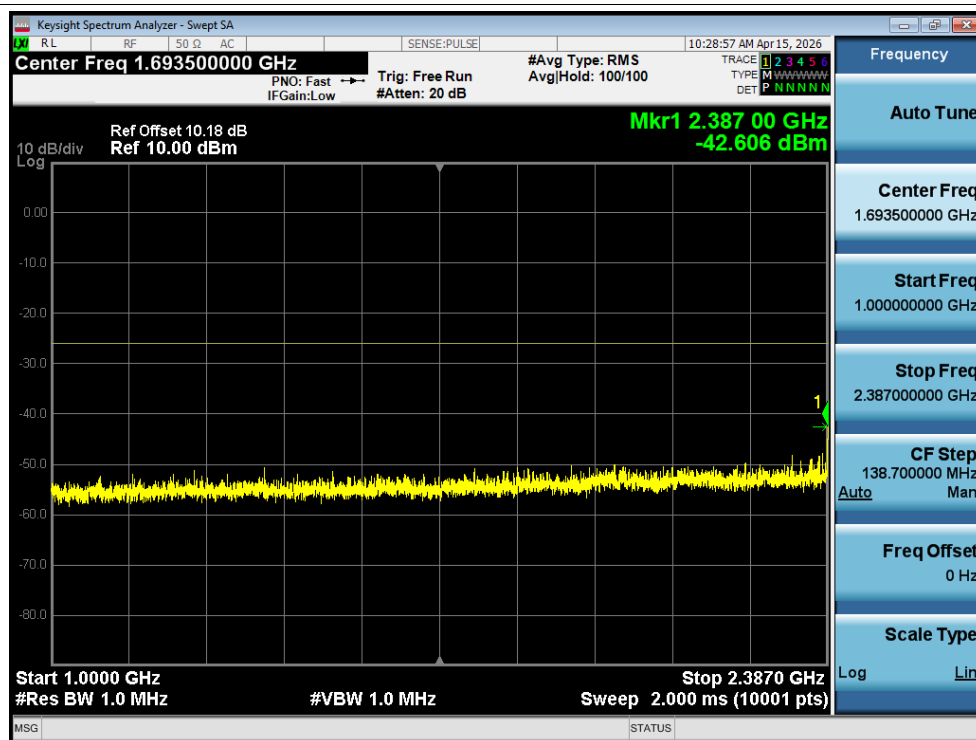
Tx Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Emission Frequency (MHz)	Max Peak Value (dBm)	Max RMS Value (dBm)	Max Peak Value (uW)	Max RMS Value (uW)	Limit Start(uW)	Limit Stop (uW)	Verdict
NVNT	BLE 1M	2402	Ant1	30-1000	858.48	-60.58	NA	0.0009	NA	0.25	0.25	Pass
NVNT	BLE 1M	2402	Ant1	1000-2387	2387.00	-42.61	NA	0.0548	NA	2.5	2.5	Pass
NVNT	BLE 1M	2402	Ant1	2387-2400	2399.84	-24.89	NA	3.2434	NA	25	25	Pass
NVNT	BLE 1M	2402	Ant1	2483.5-2496.5	2490.11	-49.42	NA	0.0114	NA	25	25	Pass
NVNT	BLE 1M	2402	Ant1	2496.5-13000	7206.27	-29.54	NA	1.1117	NA	2.5	2.5	Pass
NVNT	BLE 1M	2440	Ant1	30-1000	812.79	-60.83	NA	0.0008	NA	0.25	0.25	Pass
NVNT	BLE 1M	2440	Ant1	1000-2387	2345.39	-46.89	NA	0.0205	NA	2.5	2.5	Pass
NVNT	BLE 1M	2440	Ant1	2387-2400	2392.52	-43.28	NA	0.047	NA	25	25	Pass
NVNT	BLE 1M	2440	Ant1	2483.5-2496.5	2488.03	-47.23	NA	0.0189	NA	25	25	Pass
NVNT	BLE 1M	2440	Ant1	2496.5-13000	7320.76	-31.15	NA	0.7674	NA	2.5	2.5	Pass
NVNT	BLE 1M	2480	Ant1	30-1000	860.13	-60.18	NA	0.001	NA	0.25	0.25	Pass
NVNT	BLE 1M	2480	Ant1	1000-2387	2385.06	-45.68	NA	0.027	NA	2.5	2.5	Pass
NVNT	BLE 1M	2480	Ant1	2387-2400	2399.81	-46.43	NA	0.0228	NA	25	25	Pass
NVNT	BLE 1M	2480	Ant1	2483.5-2496.5	2483.68	-35.15	NA	0.3055	NA	25	25	Pass
NVNT	BLE 1M	2480	Ant1	2496.5-13000	7439.45	-31.55	NA	0.6998	NA	2.5	2.5	Pass
NVNT	BLE 2M	2402	Ant1	30-1000	824.43	-61.04	NA	0.0008	NA	0.25	0.25	Pass
NVNT	BLE 2M	2402	Ant1	1000-2387	2386.86	-41.45	NA	0.0716	NA	2.5	2.5	Pass
NVNT	BLE	2402	Ant1	2387-2400	2399.96	-17.5	-28.4	17.418	1.425	25	25	Pass

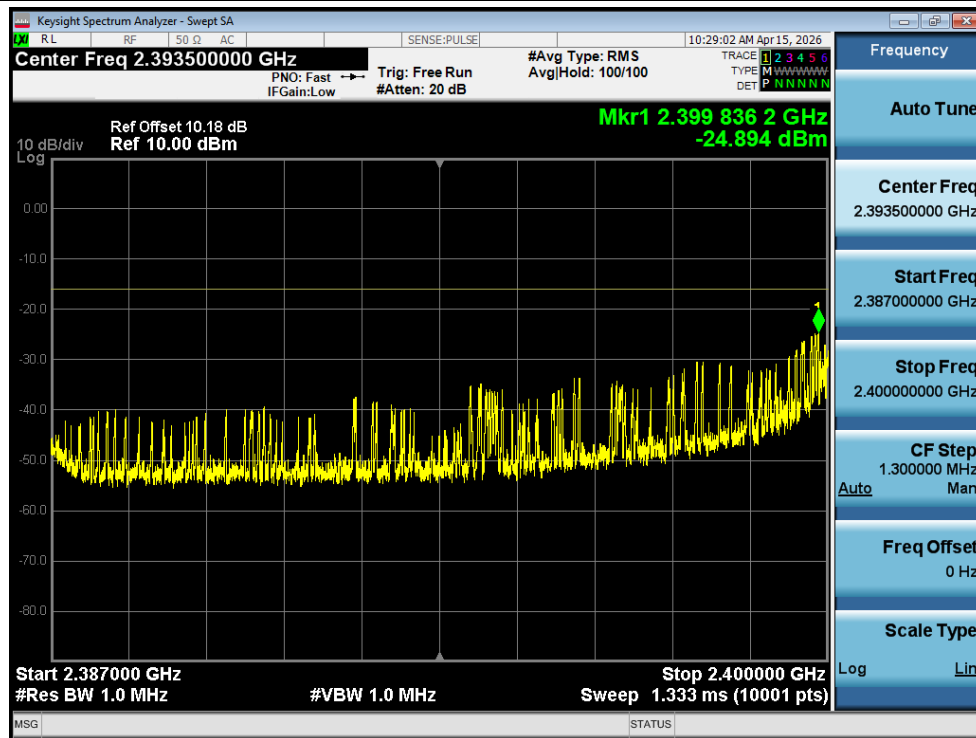
	2M					9	6	1	6			
NVNT	BLE 2M	2402	Ant1	2483.5-2496 .5	2488.84	-49.8 4	NA	0.0104	NA	25	25	Pass
NVNT	BLE 2M	2402	Ant1	2496.5-1300 0	7205.22	-29.4 4	NA	1.1376	NA	2.5	2.5	Pass
NVNT	BLE 2M	2440	Ant1	30-1000	767.20	-60.6 8	NA	0.0009	NA	0.25	0.25	Pass
NVNT	BLE 2M	2440	Ant1	1000-2387	2376.32	-47.7 9	NA	0.0166	NA	2.5	2.5	Pass
NVNT	BLE 2M	2440	Ant1	2387-2400	2391.78	-42.2 6	NA	0.0594	NA	25	25	Pass
NVNT	BLE 2M	2440	Ant1	2483.5-2496 .5	2487.47	-47.3 2	NA	0.0185	NA	25	25	Pass
NVNT	BLE 2M	2440	Ant1	2496.5-1300 0	7319.71	-31.1 8	NA	0.7621	NA	2.5	2.5	Pass
NVNT	BLE 2M	2480	Ant1	30-1000	870.80	-60.4 4	NA	0.0009	NA	0.25	0.25	Pass
NVNT	BLE 2M	2480	Ant1	1000-2387	2359.81	-49.2 7	NA	0.0118	NA	2.5	2.5	Pass
NVNT	BLE 2M	2480	Ant1	2387-2400	2399.80	-47.3 9	NA	0.0182	NA	25	25	Pass
NVNT	BLE 2M	2480	Ant1	2483.5-2496 .5	2483.73	-34.1 8	NA	0.3819	NA	25	25	Pass
NVNT	BLE 2M	2480	Ant1	2496.5-1300 0	7439.45	-31.7 8	NA	0.6637	NA	2.5	2.5	Pass



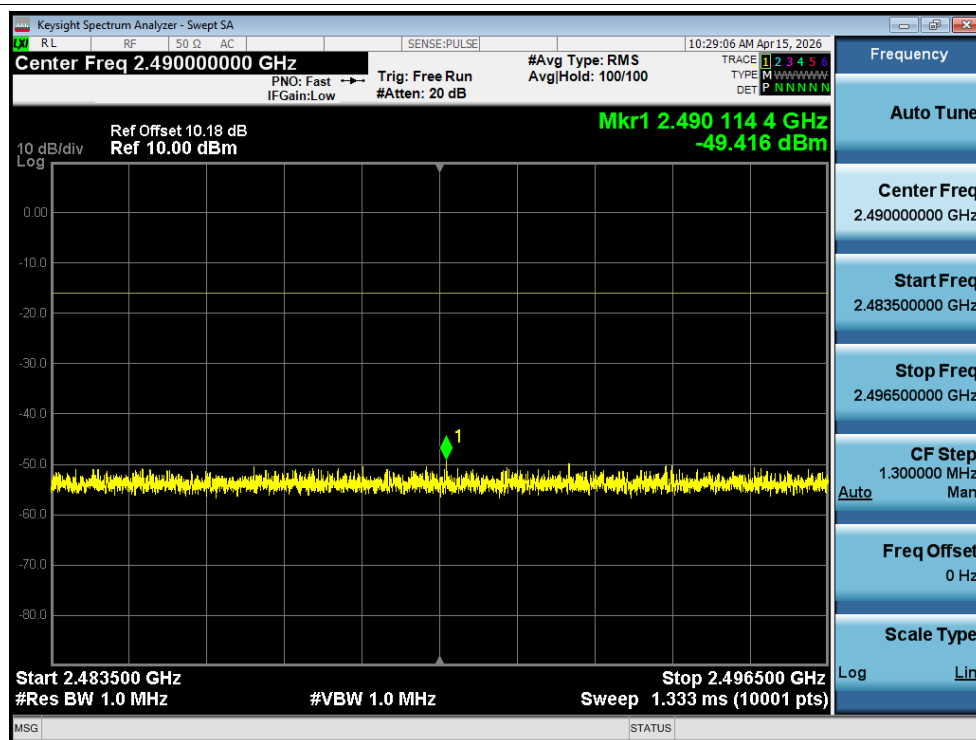
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 30MHz-1000MHz



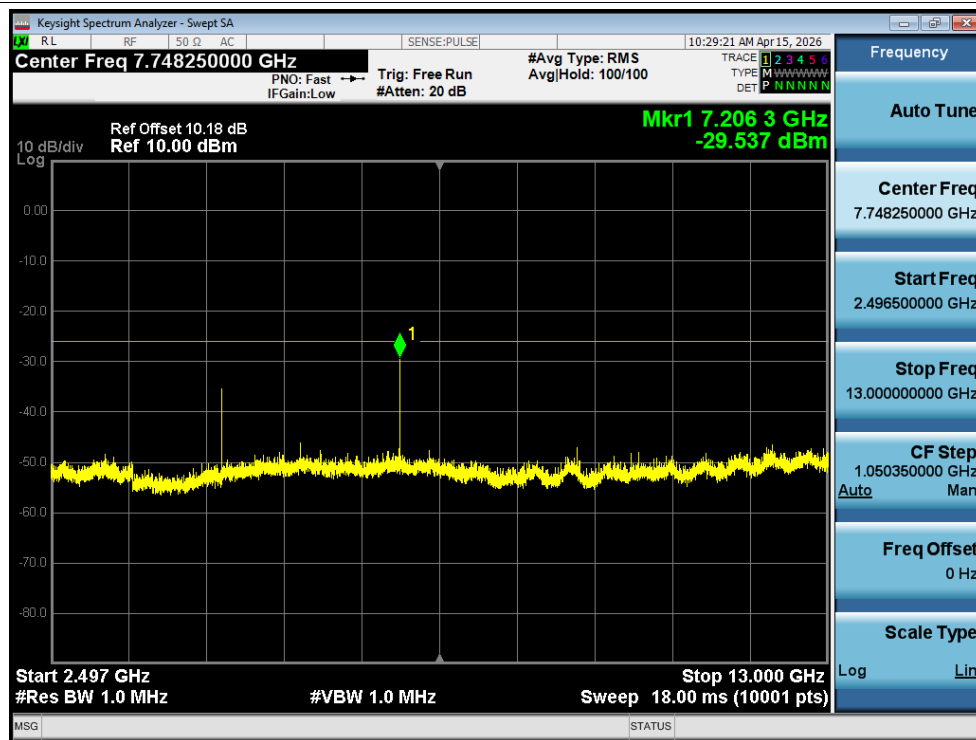
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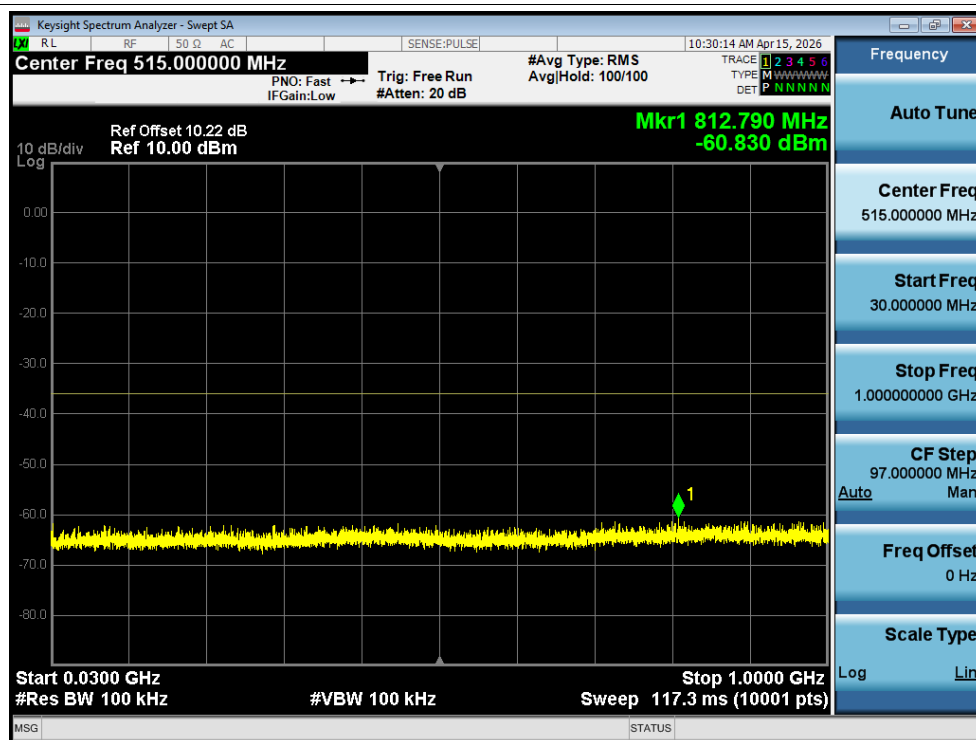
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 2387MHz-2400MHz



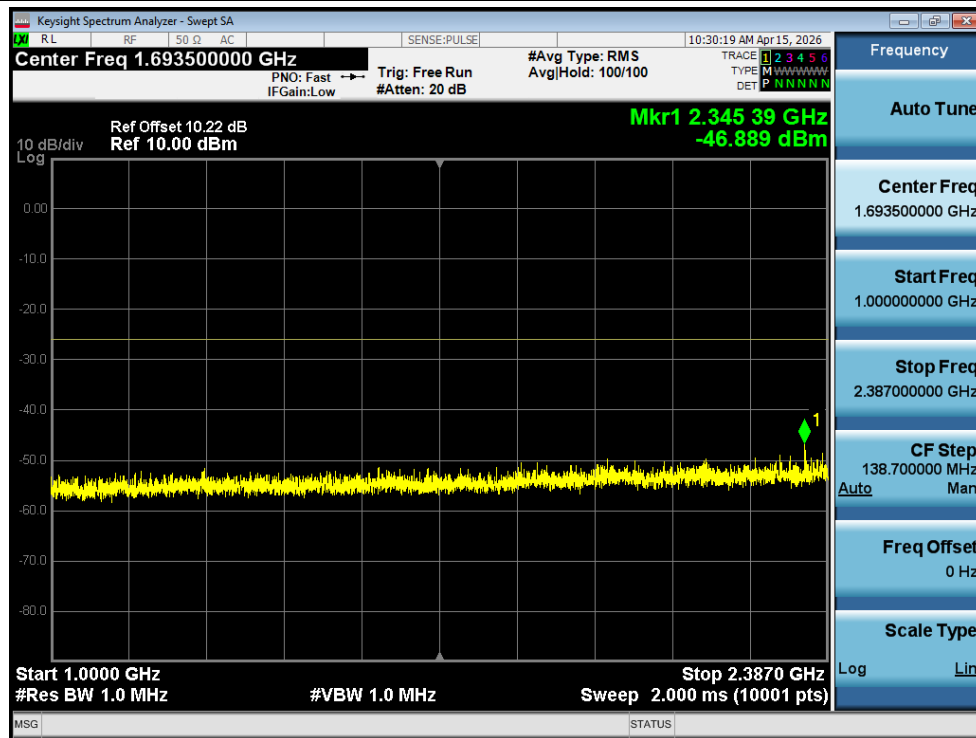
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 2483.5MHz-2496.5MHz



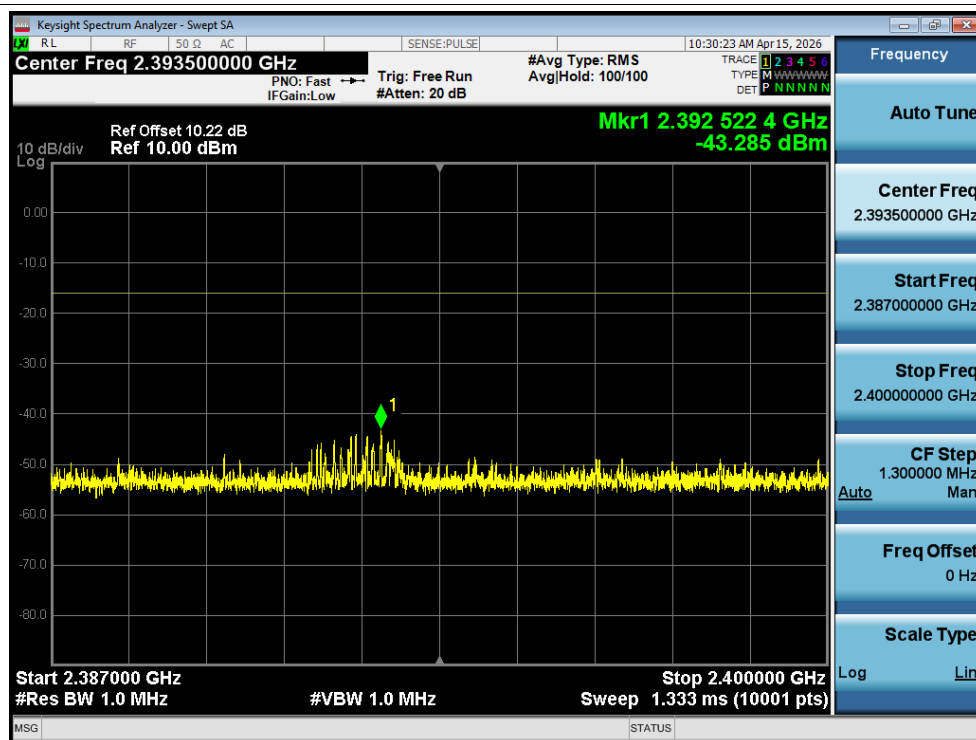
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 2496.5MHz-13000MHz



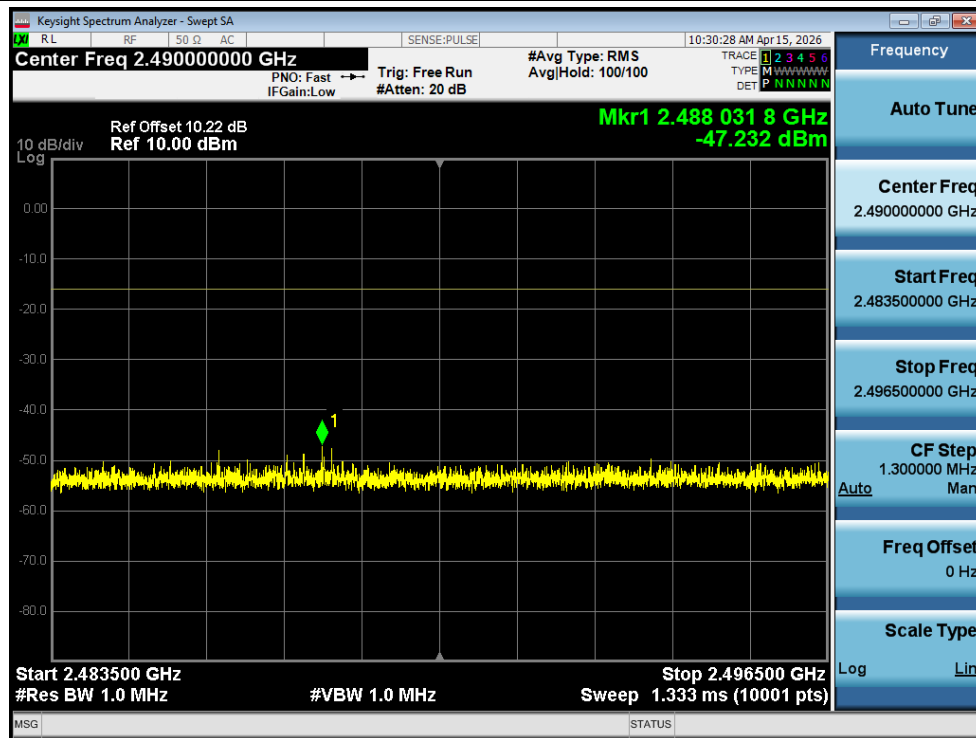
Tx. Spurious NVNT BLE 1M 2440MHz Ant1 @ 30MHz-1000MHz



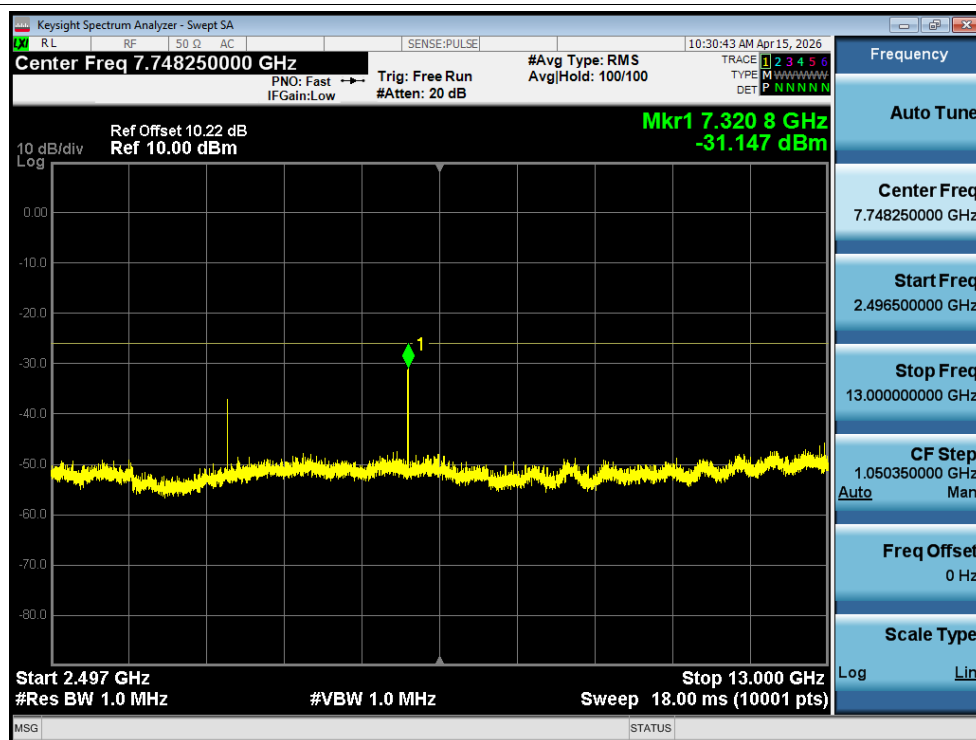
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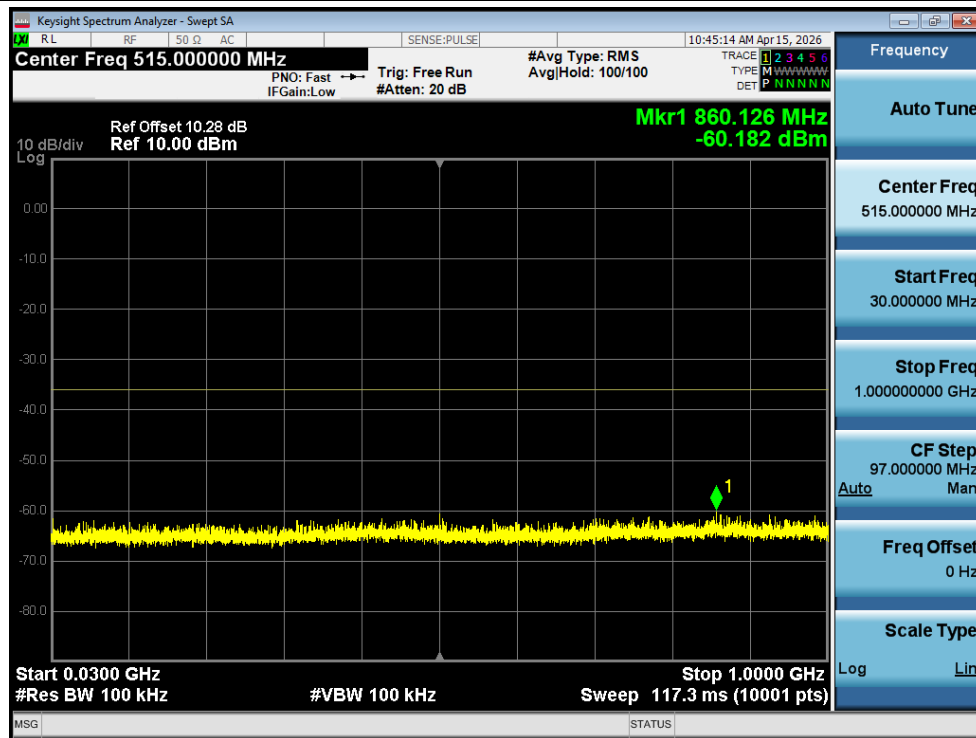
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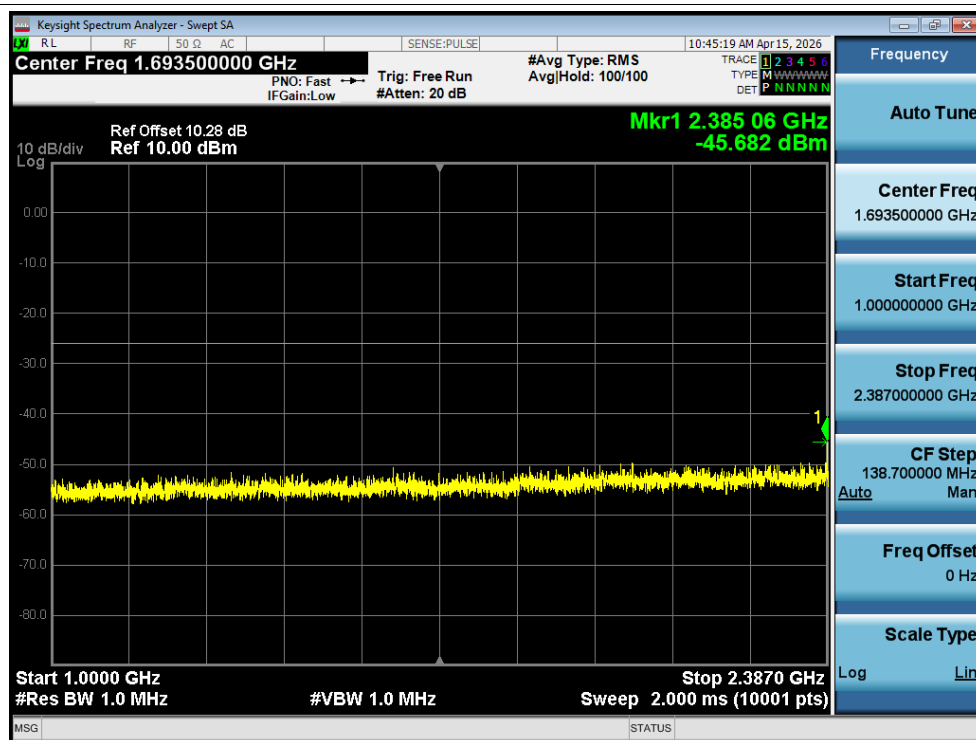
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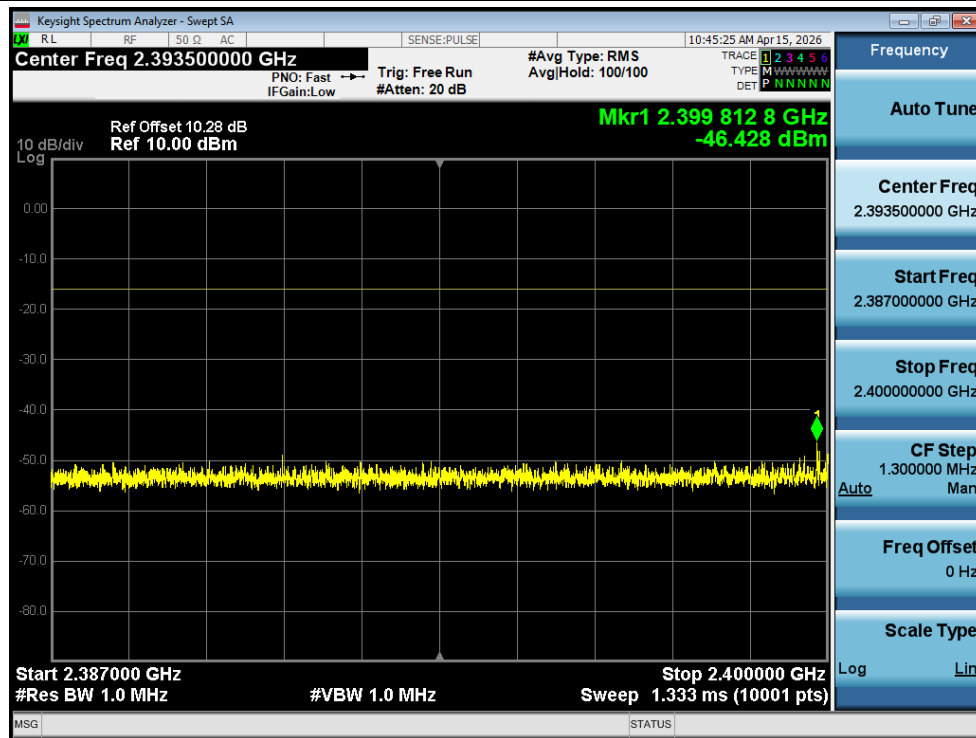
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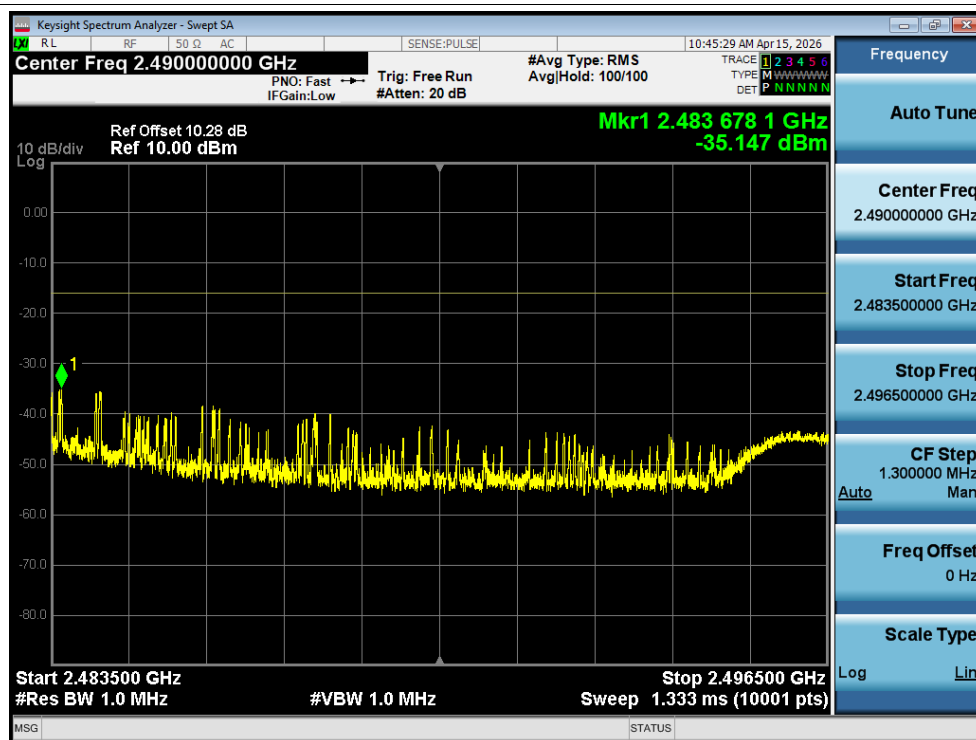
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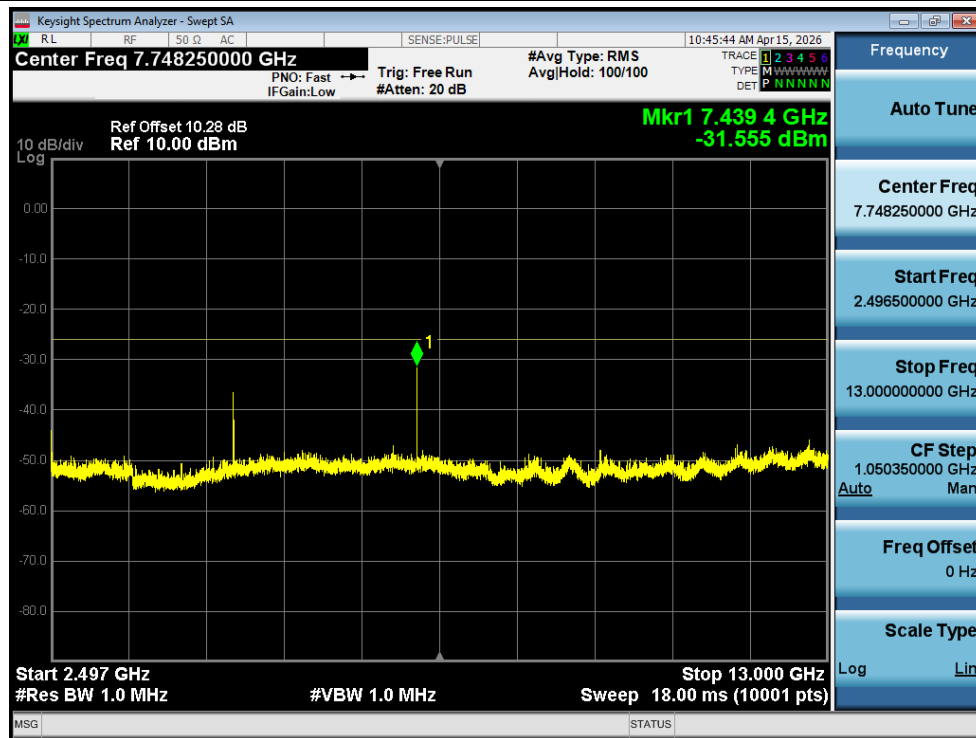
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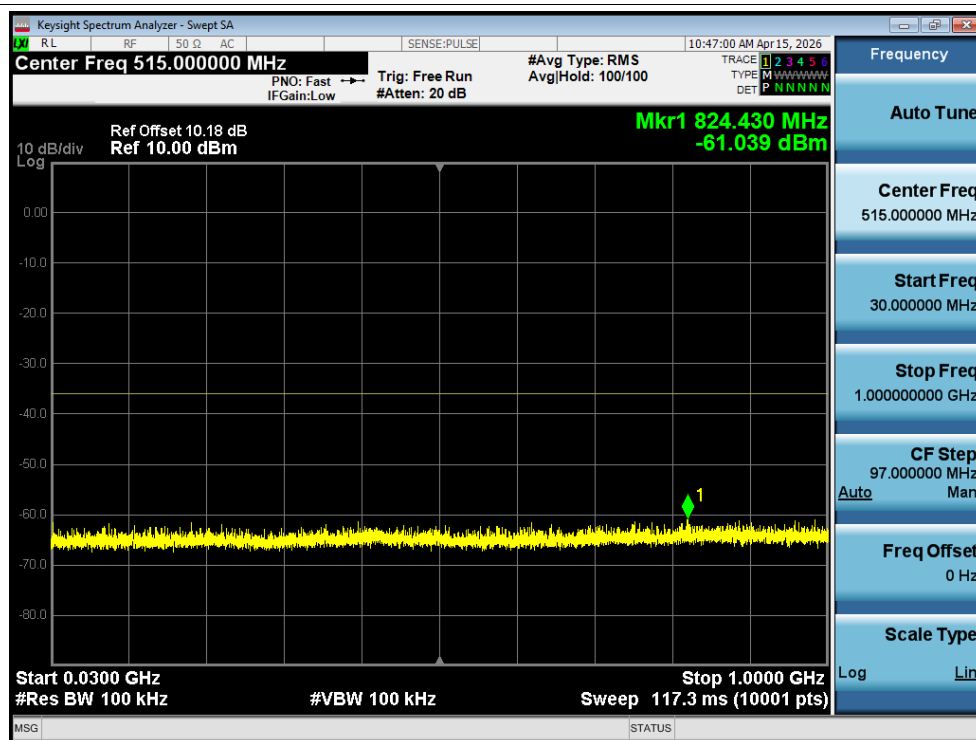
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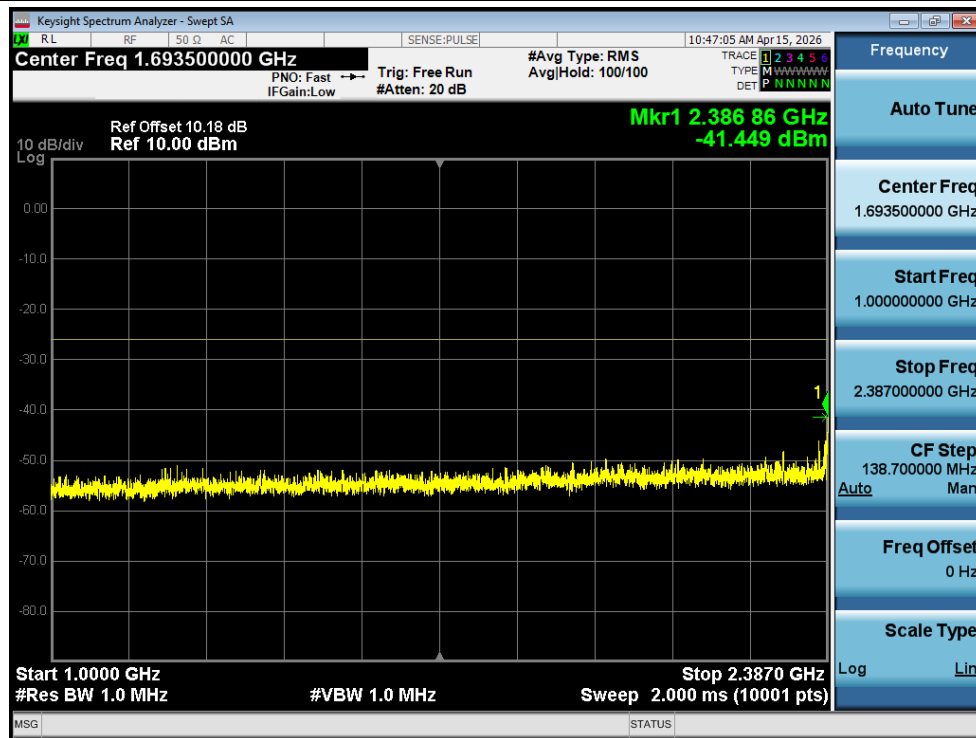
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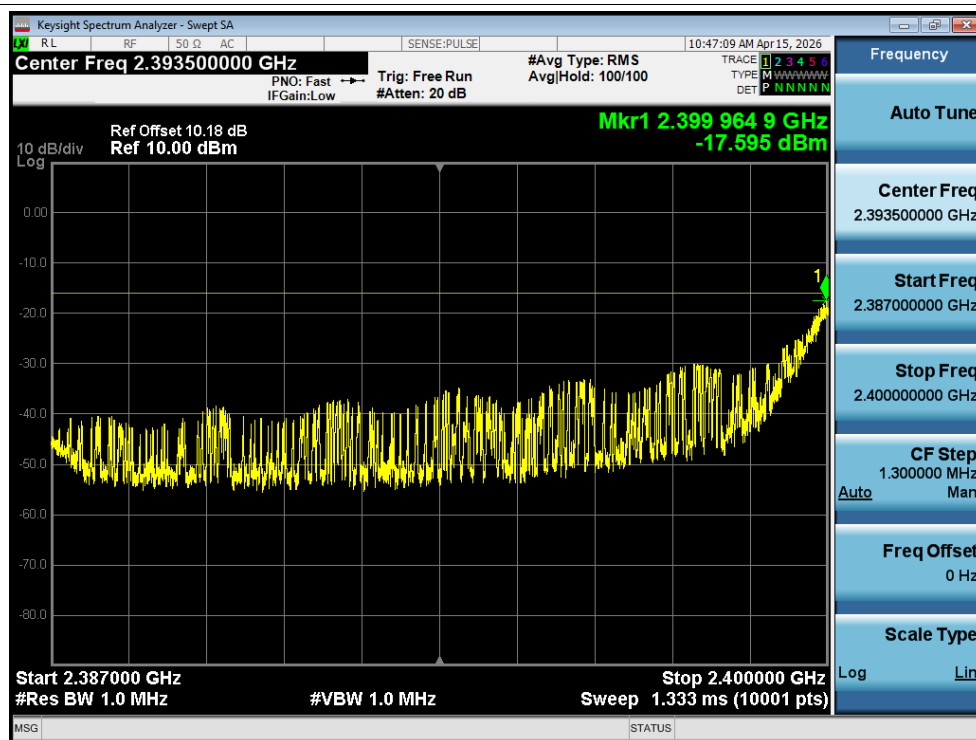
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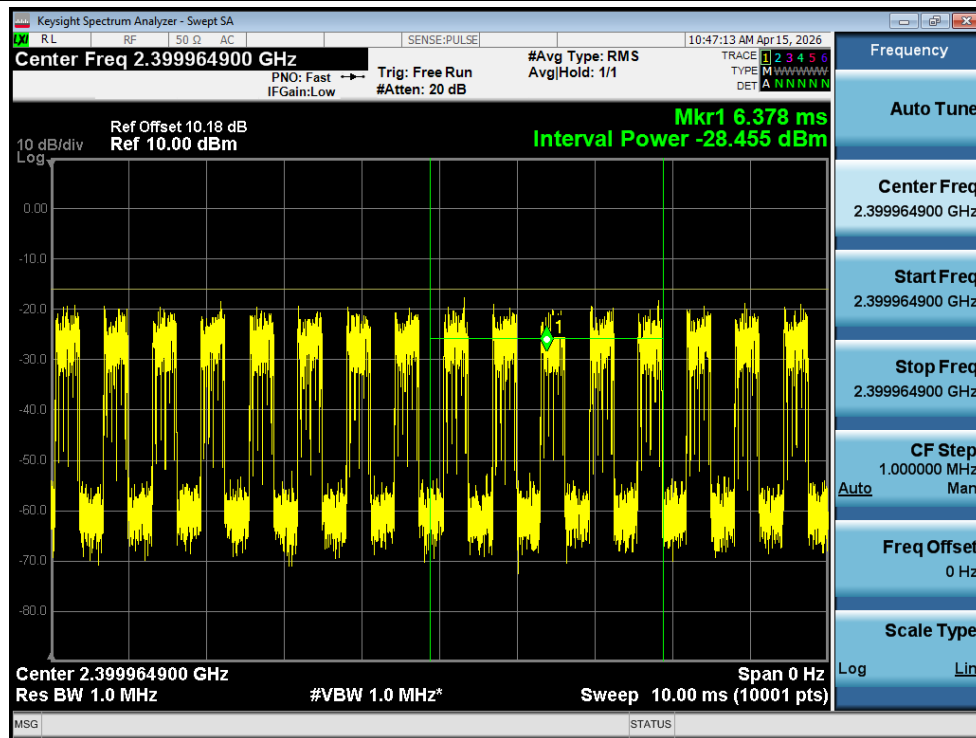
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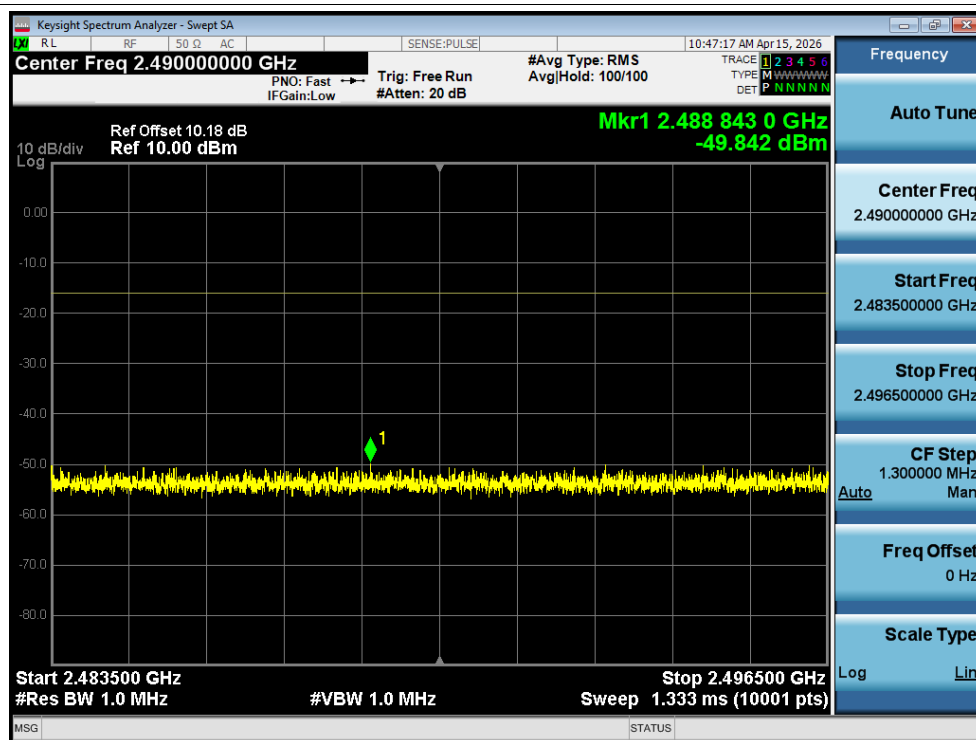
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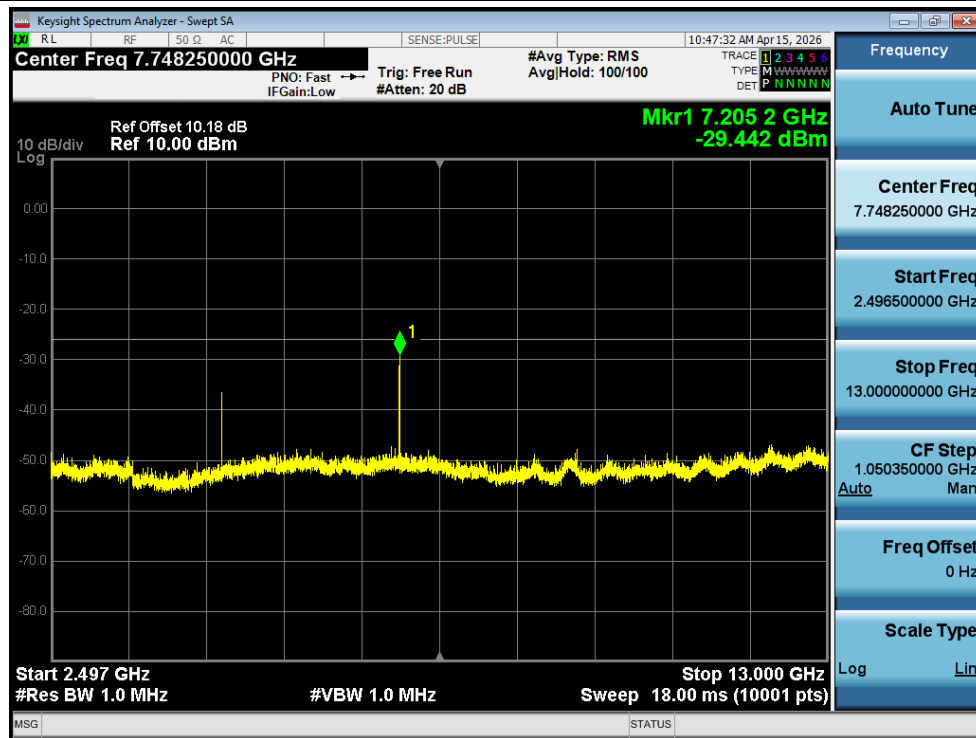
Tx. Spurious NVNT BLE 2M 2402MHz Ant1 @ 2387MHz-2400MHz



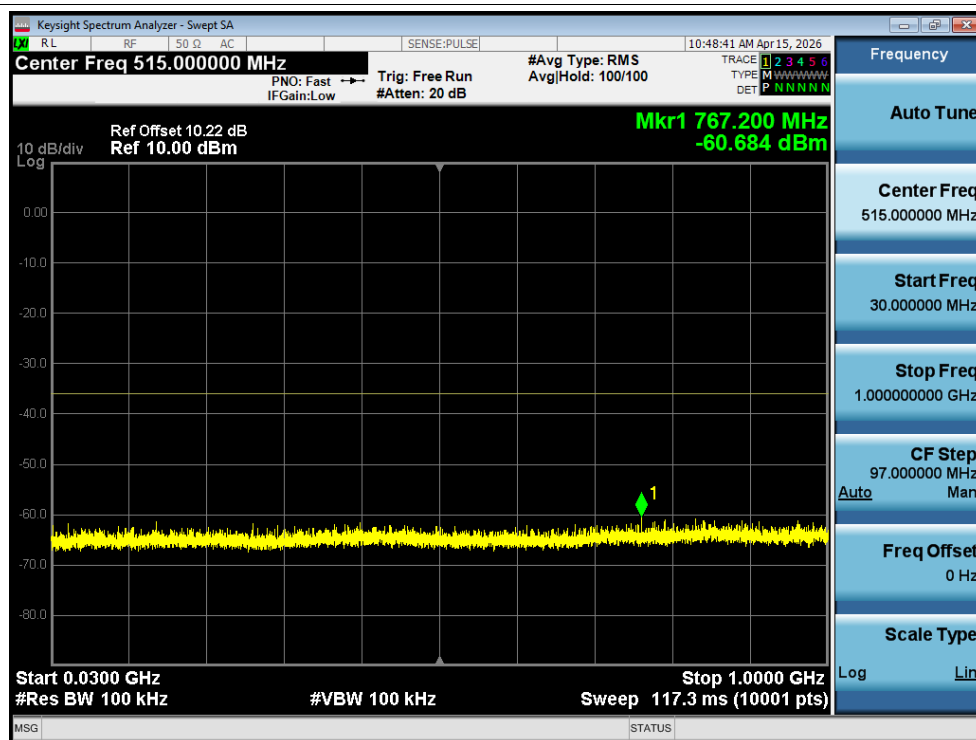
Tx. Spurious NVNT BLE 2M 2402MHz Ant1 @ 2387MHz-2400MHz Final



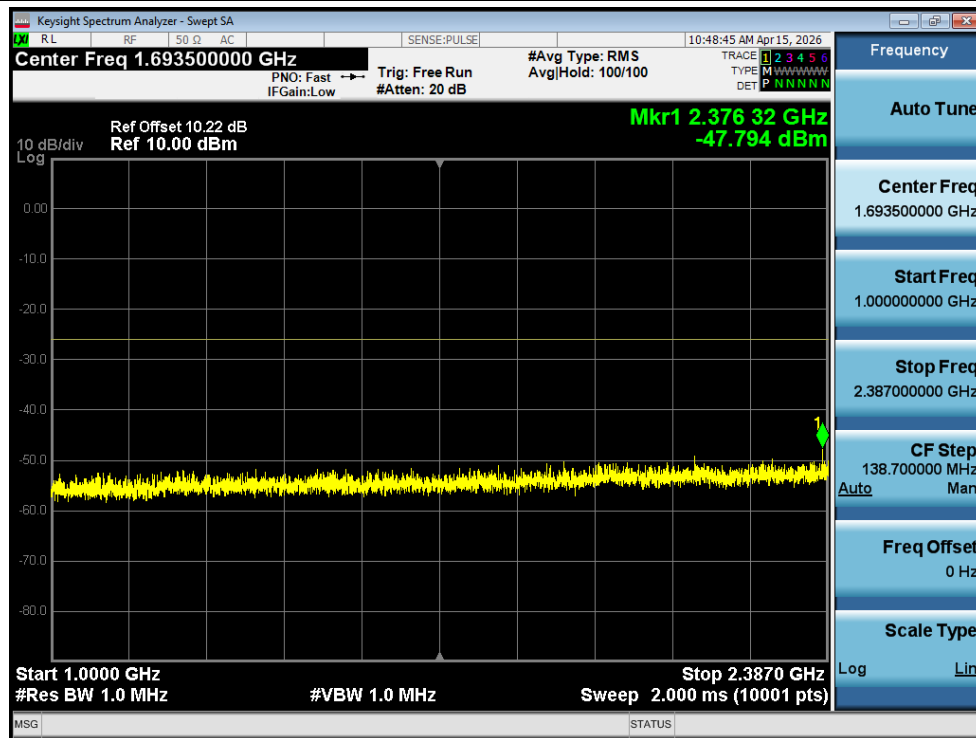
Tx. Spurious NVNT BLE 2M 2402MHz Ant1 @ 2483.5MHz-2496.5MHz



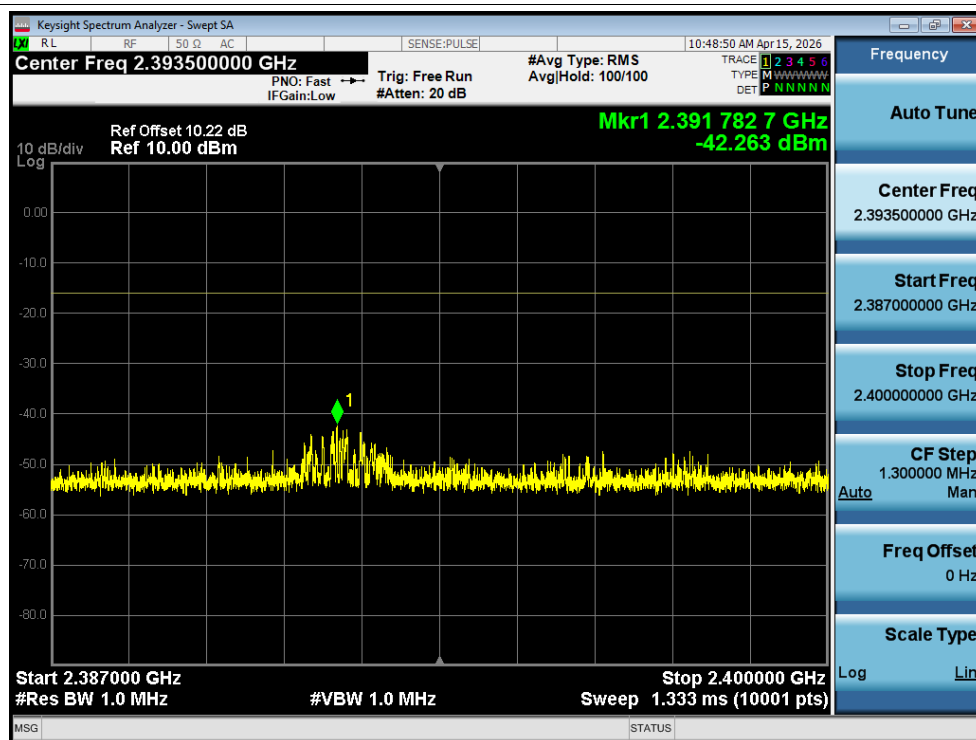
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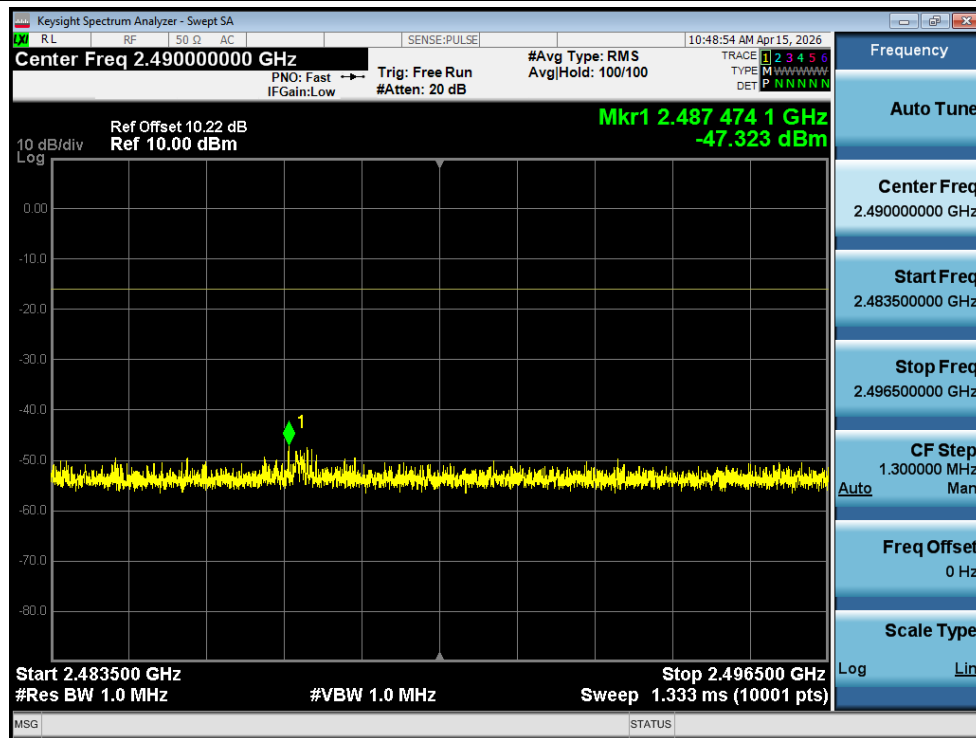
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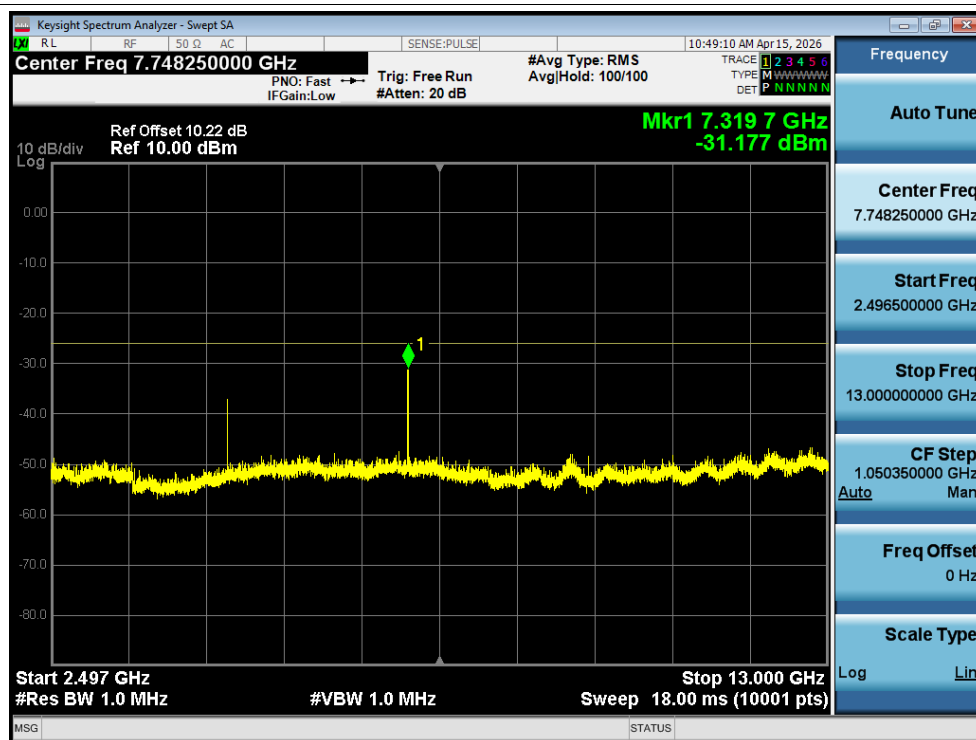
Tx. Spurious NVNT BLE 2M 2440MHz Ant1 @ 1000MHz-2387MHz



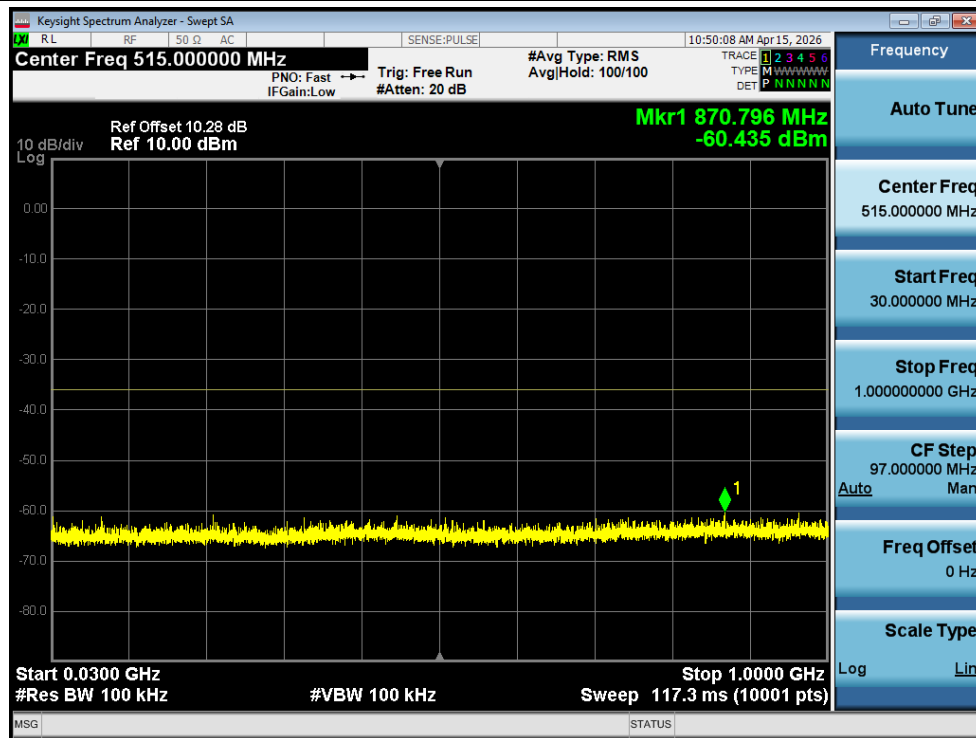
Tx. Spurious NVNT BLE 2M 2440MHz Ant1 @ 2387MHz-2400MHz



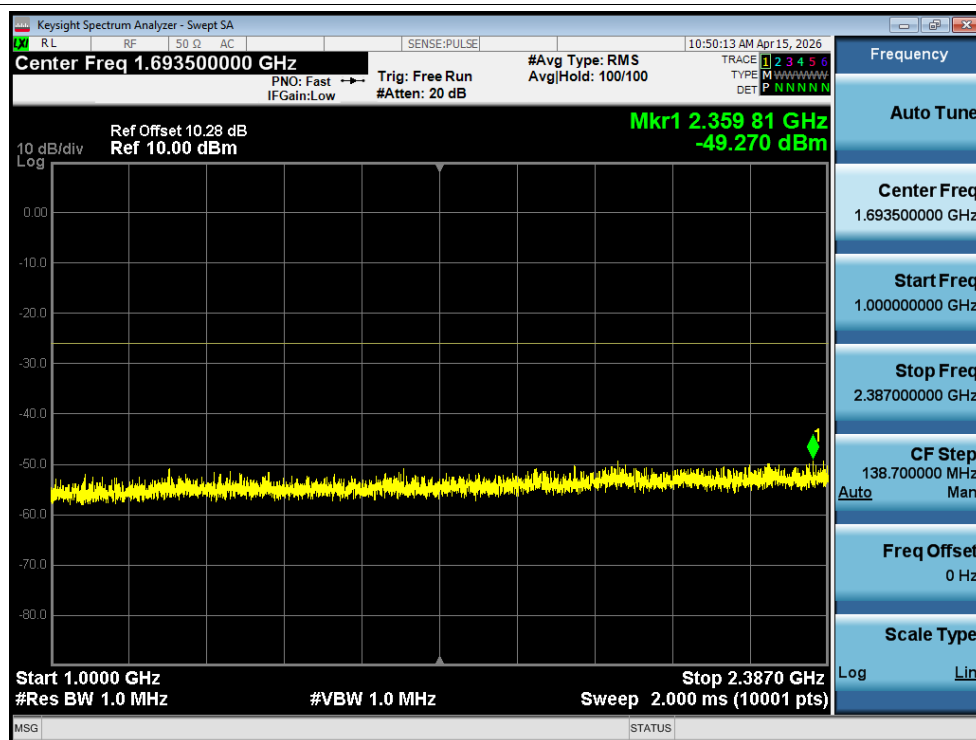
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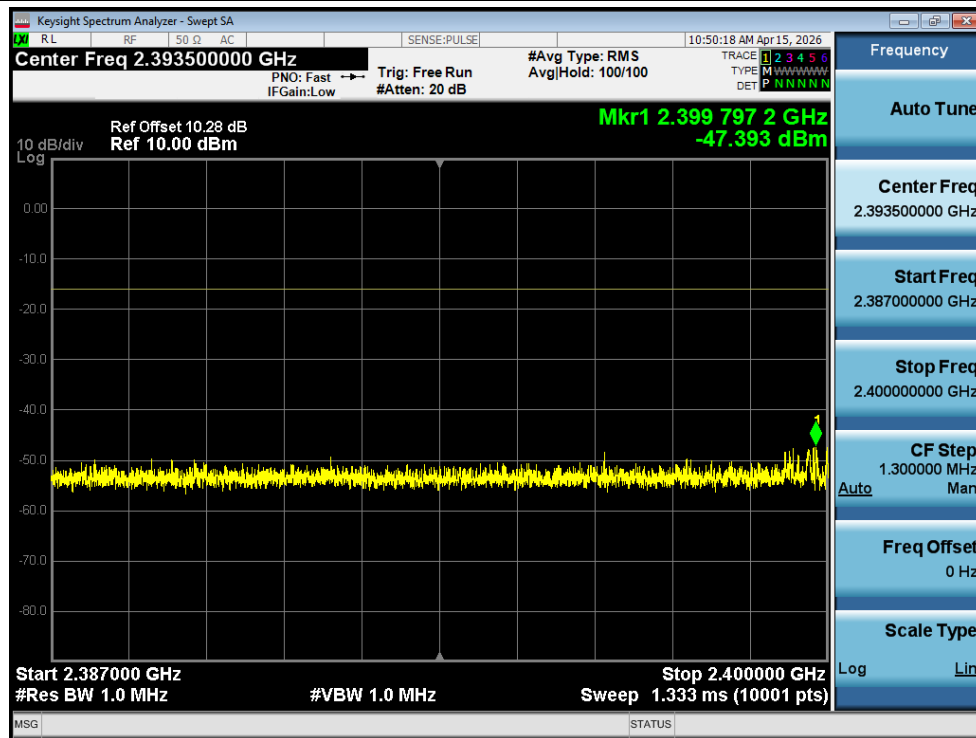
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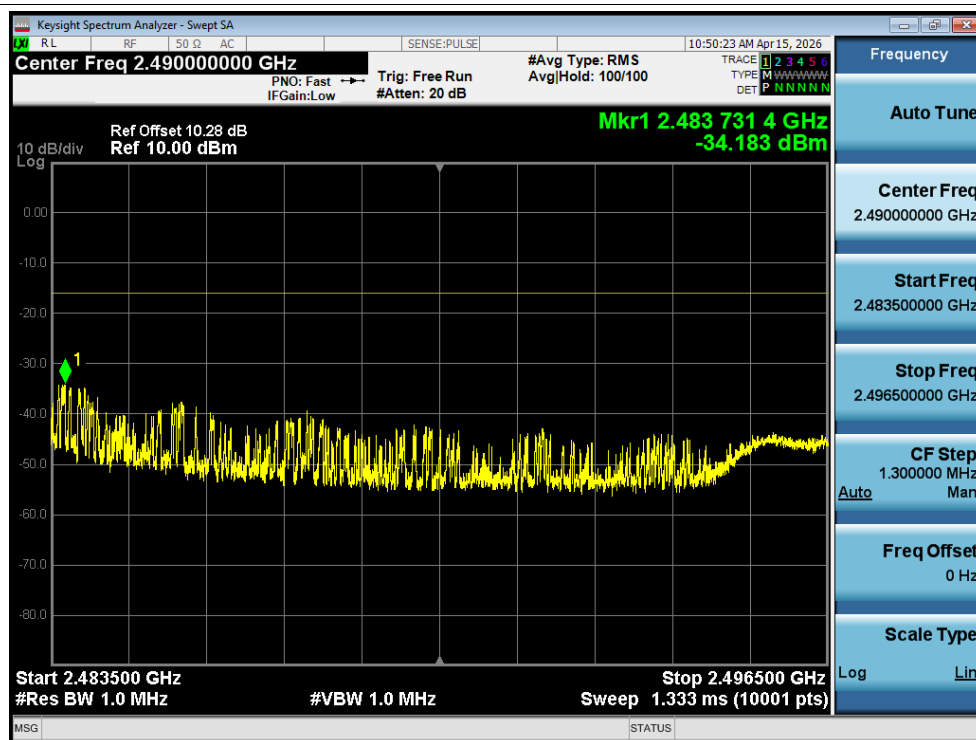
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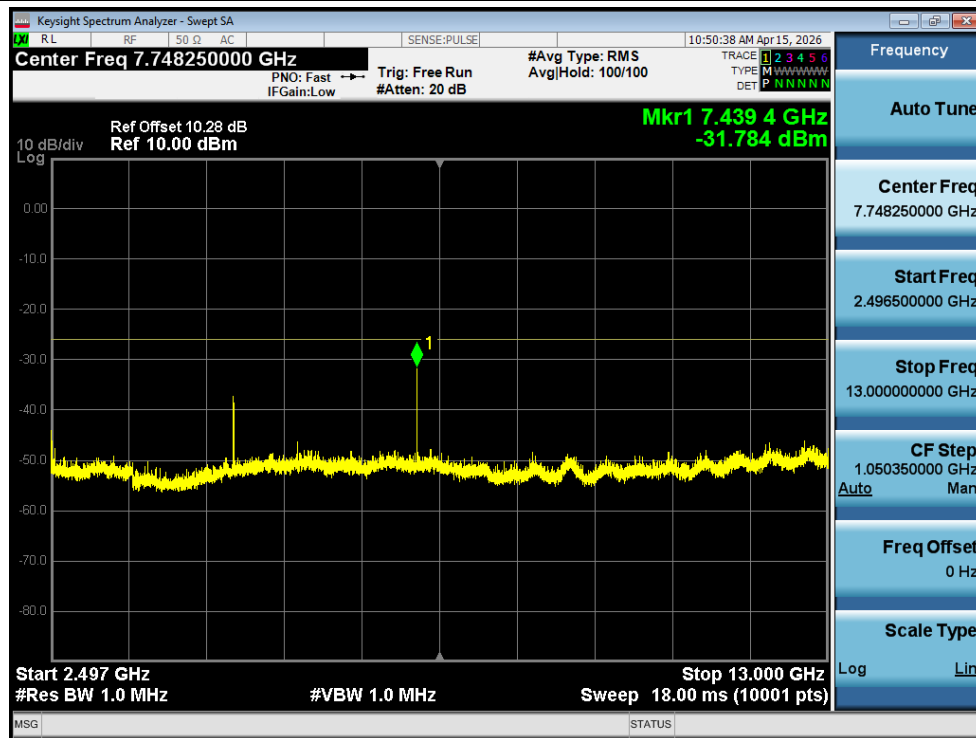
Tx. Spurious NVNT BLE 2M 2480MHz Ant1 @ 1000MHz-2387MHz



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



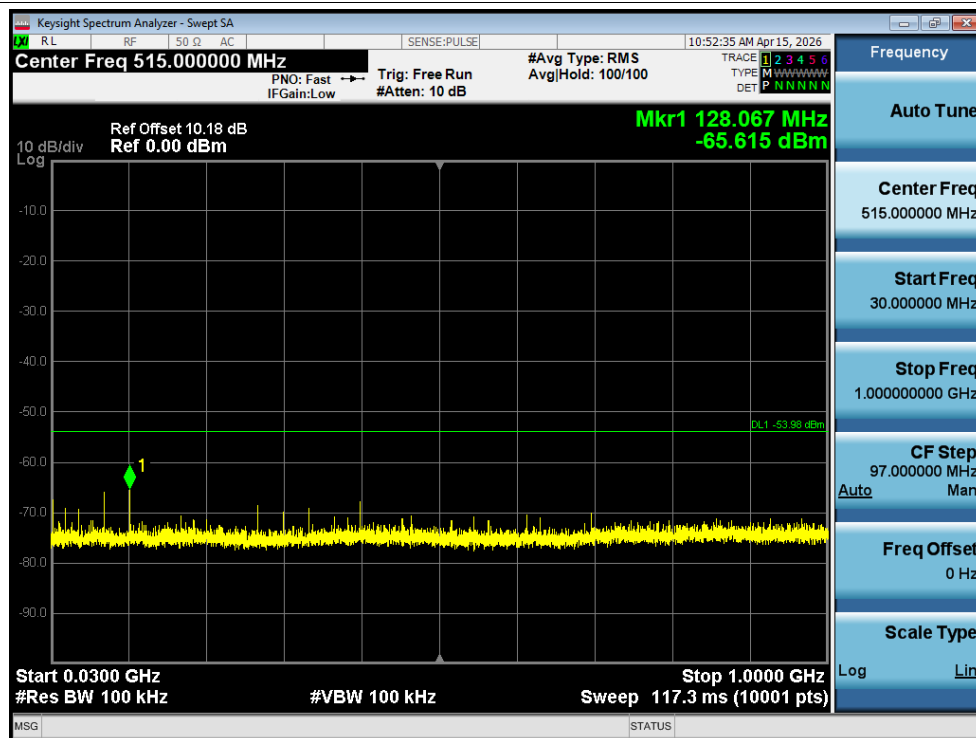
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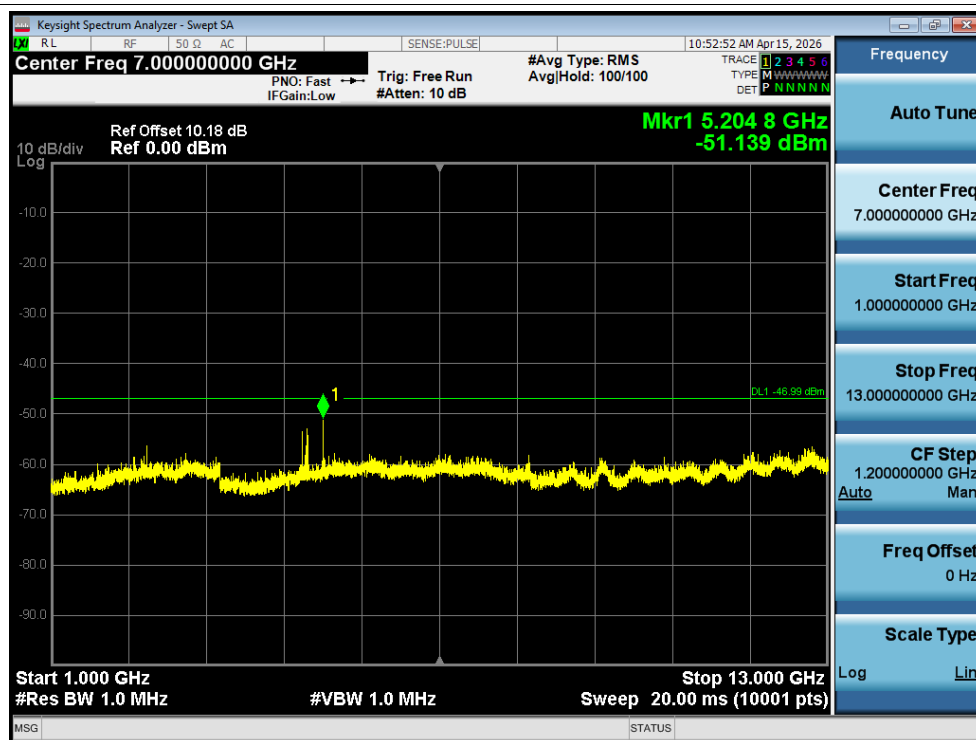
Tx. Spurious NVNT BLE 2M 2480MHz Ant1 @ 2496.5MHz-13000MHz

Rx Spurious Emission

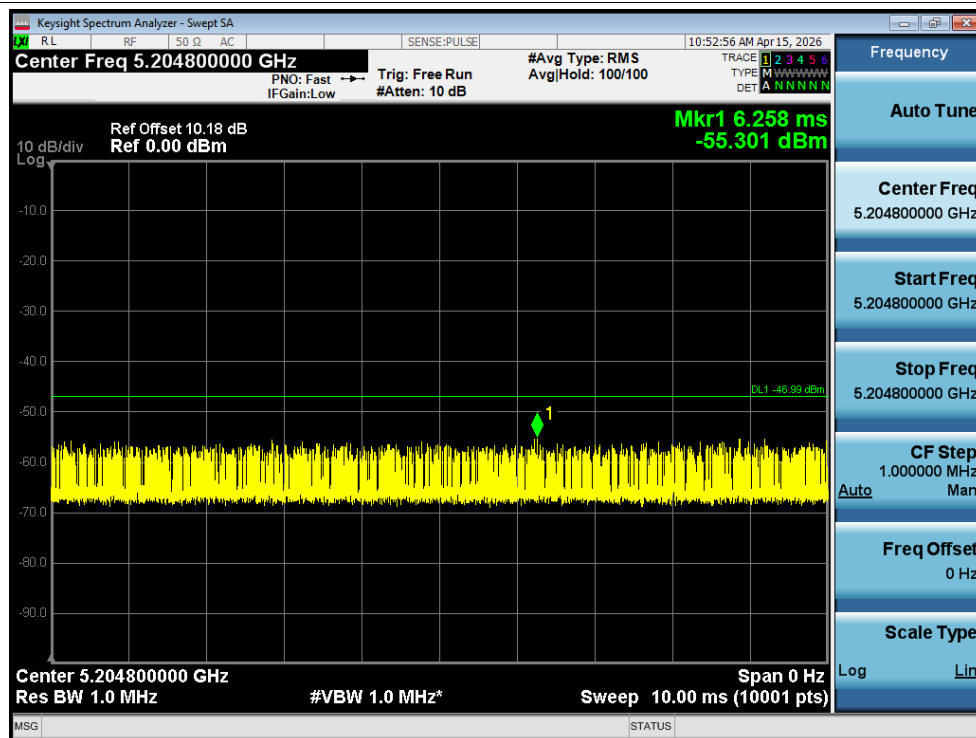
Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Emission Frequency (MHz)	Max Peak Value (dBm)	Max RMS Value (dBm)	Max Peak Value (nW)	Max RMS Value (nW)	Limit (nW)	Verdict
NVNT	BLE 1M	2402	Ant1	30-1000	128.07	-65.61	NA	0.2748	NA	4	Pass
NVNT	BLE 1M	2402	Ant1	1000-13000	5204.80	-51.14	-55.3	7.6913	2.9512	20	Pass
NVNT	BLE 1M	2440	Ant1	30-1000	128.07	-65.34	NA	0.2924	NA	4	Pass
NVNT	BLE 1M	2440	Ant1	1000-13000	4882.00	-52.08	-52.83	6.1944	5.2119	20	Pass
NVNT	BLE 1M	2480	Ant1	30-1000	127.97	-65.57	NA	0.2773	NA	4	Pass
NVNT	BLE 1M	2480	Ant1	1000-13000	4956.40	-53.50	-52.64	4.4668	5.445	20	Pass
NVNT	BLE 2M	2402	Ant1	30-1000	32.04	-65.60	NA	0.2754	NA	4	Pass
NVNT	BLE 2M	2402	Ant1	1000-13000	5204.80	-50.34	-54.66	9.247	3.4198	20	Pass
NVNT	BLE 2M	2440	Ant1	30-1000	127.97	-65.71	NA	0.2685	NA	4	Pass
NVNT	BLE 2M	2440	Ant1	1000-13000	4956.40	-52.49	-52.43	5.6364	5.7148	20	Pass
NVNT	BLE 2M	2480	Ant1	30-1000	127.97	-65.56	NA	0.278	NA	4	Pass
NVNT	BLE 2M	2480	Ant1	1000-13000	4957.60	-52.49	-53.66	5.6364	4.3053	20	Pass



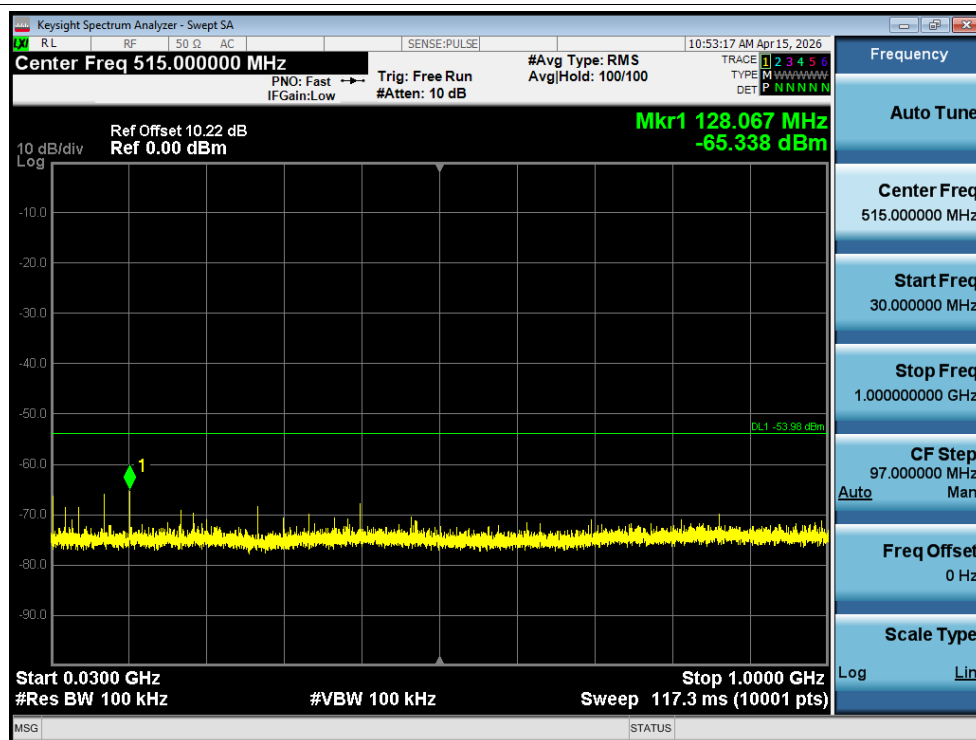
Rx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 30MHz-1000MHz



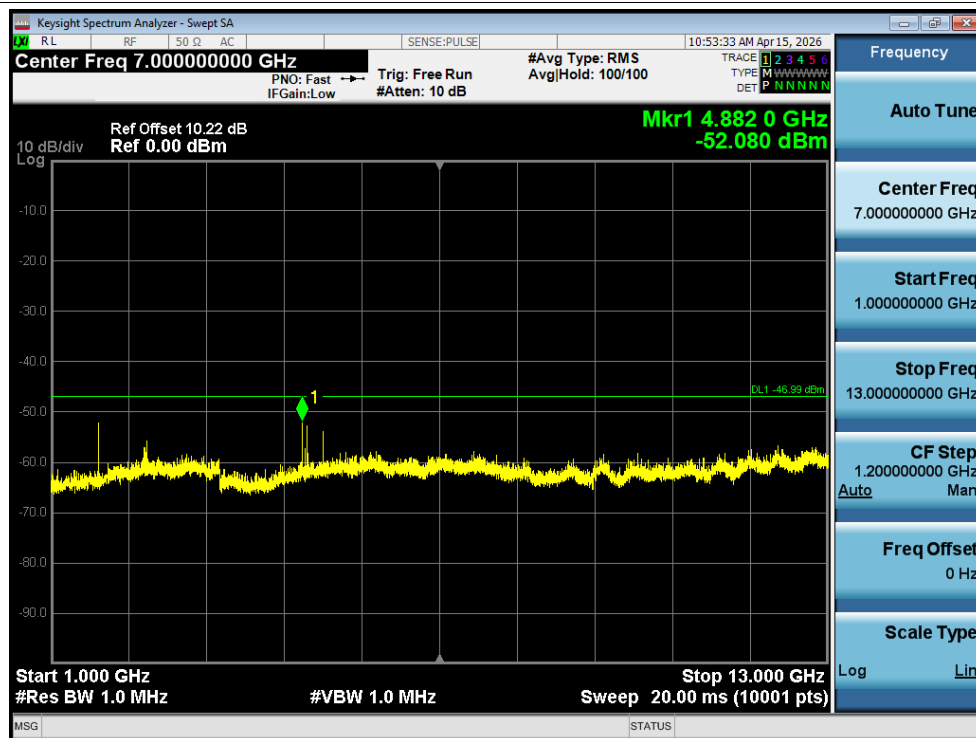
Rx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 1000MHz-13000MHz



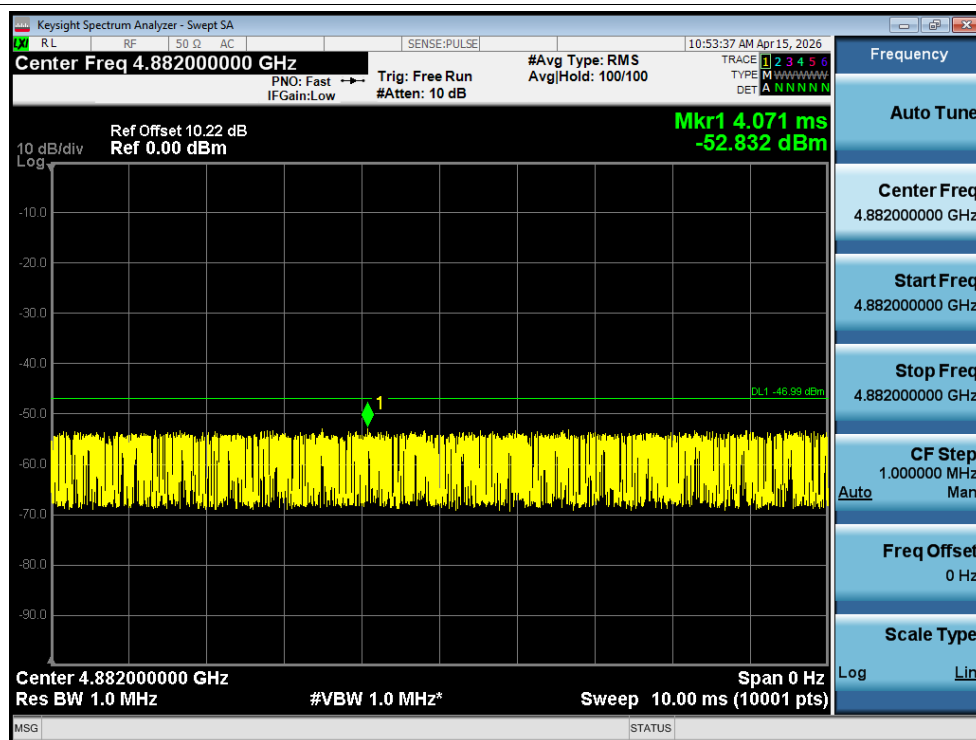
Rx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 1000MHz-13000MHz Final



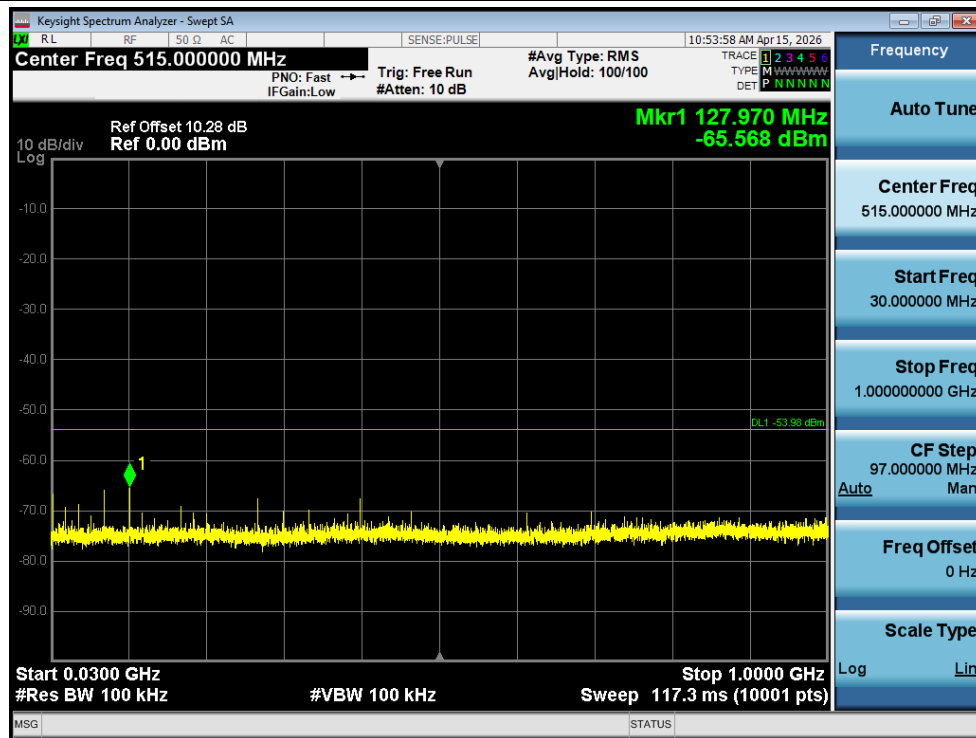
Rx. Spurious NVNT BLE 1M 2440MHz Ant1 @ 30MHz-1000MHz



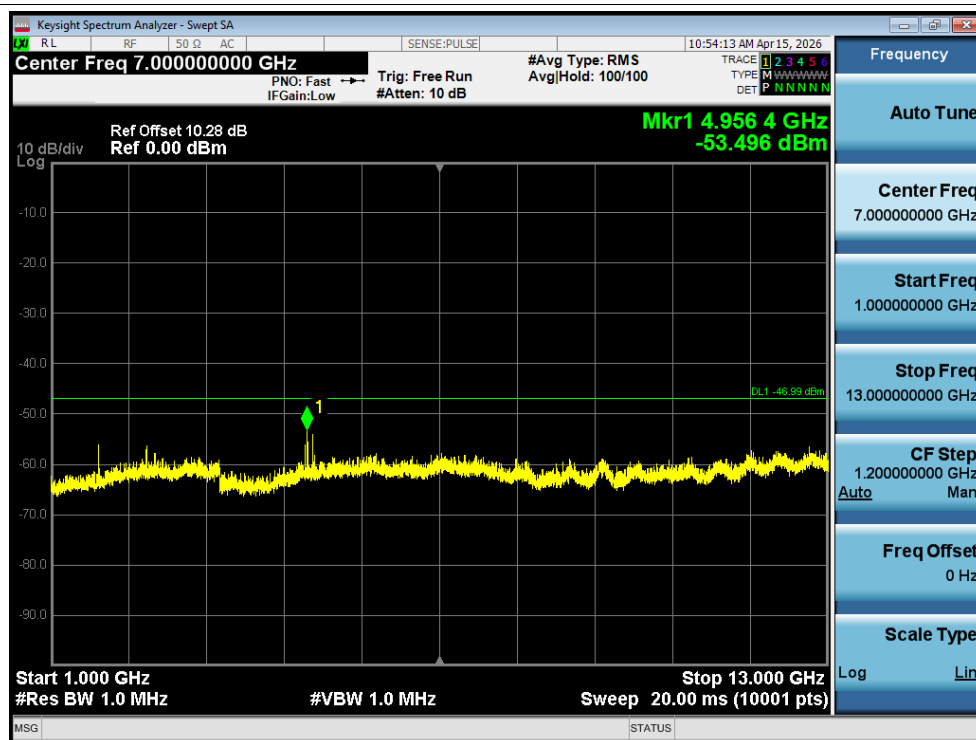
Rx. Spurious NVNT BLE 1M 2440MHz Ant1 @ 1000MHz-13000MHz



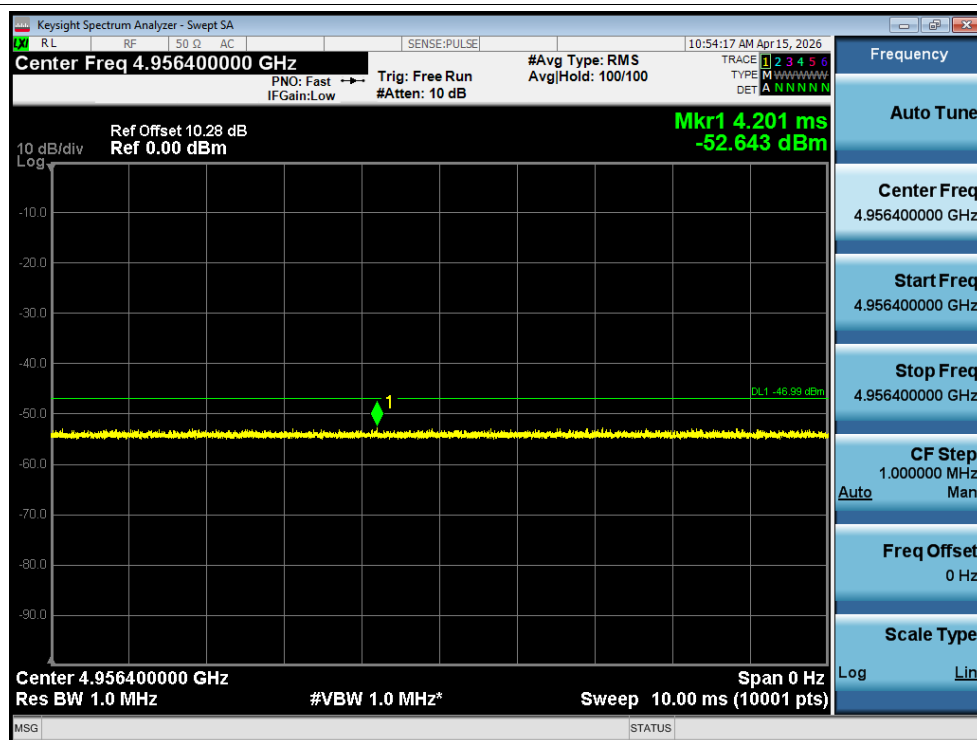
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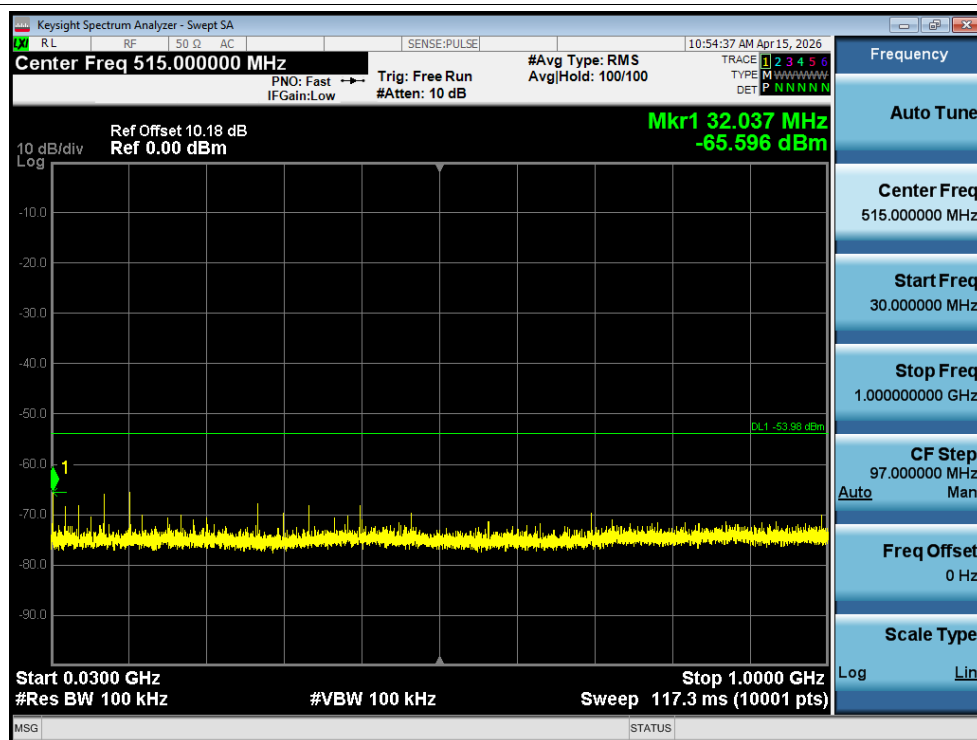
Rx. Spurious NVNT BLE 1M 2480MHz Ant1 @ 30MHz-1000MHz



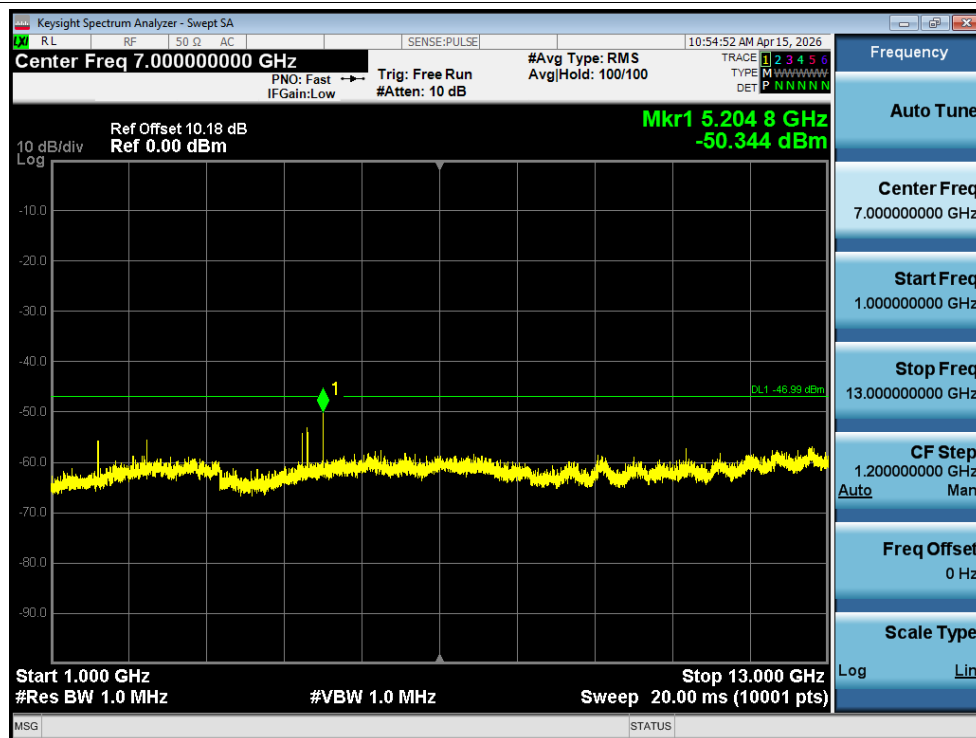
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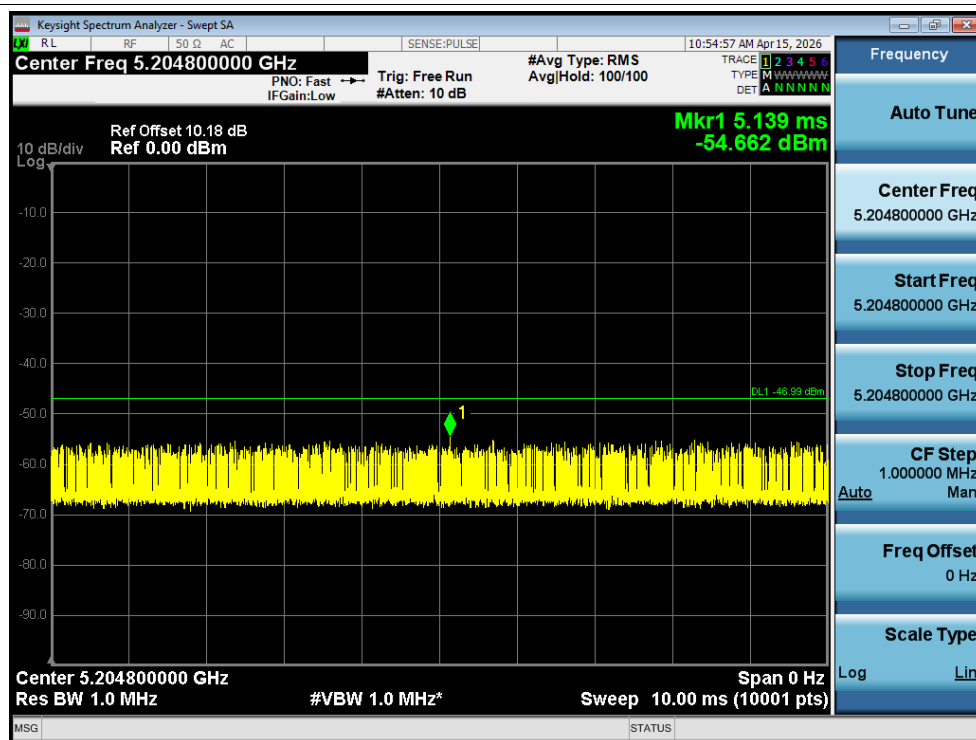
Rx. Spurious NVNT BLE 1M 2480MHz Ant1 @ 1000MHz-13000MHz Final



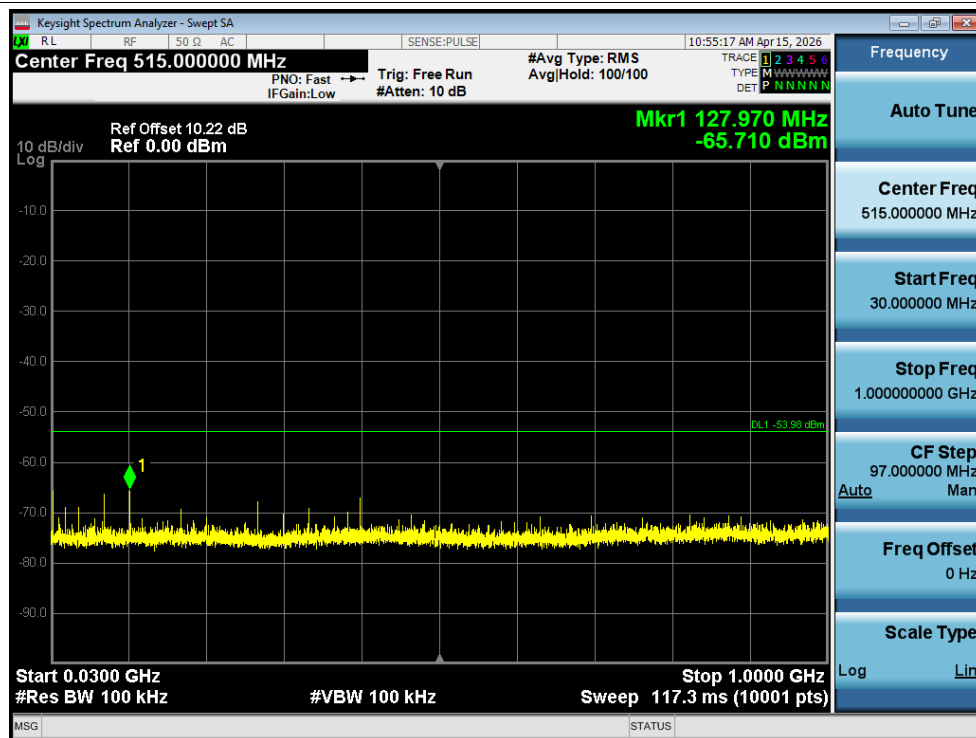
Rx. Spurious NVNT BLE 2M 2402MHz Ant1 @ 30MHz-1000MHz



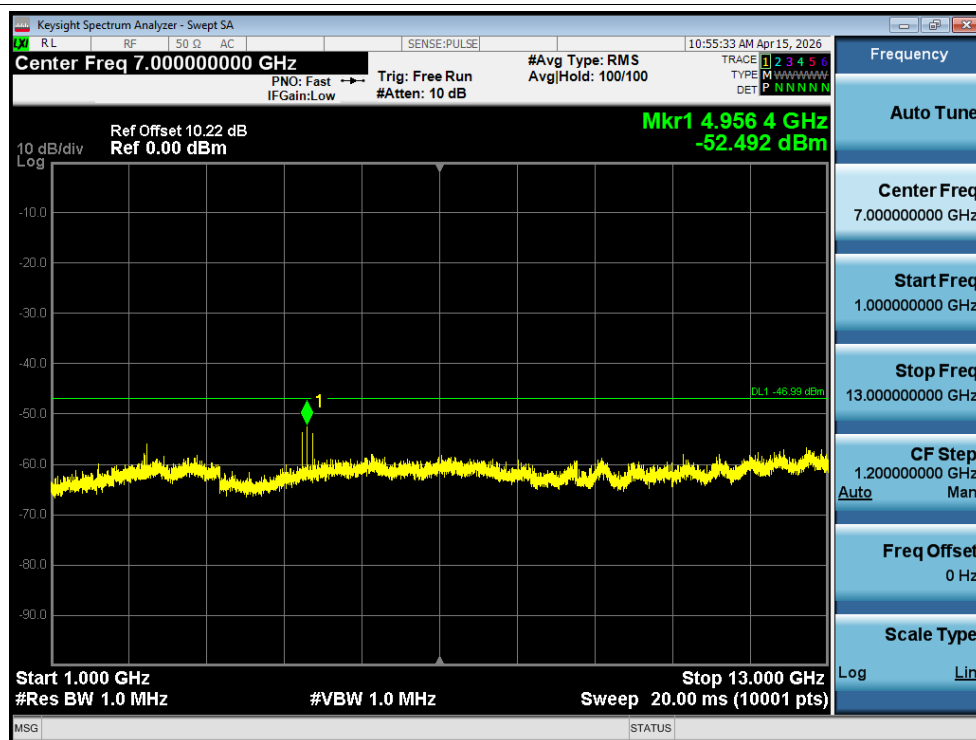
Rx. Spurious NVNT BLE 2M 2402MHz Ant1 @ 1000MHz-13000MHz



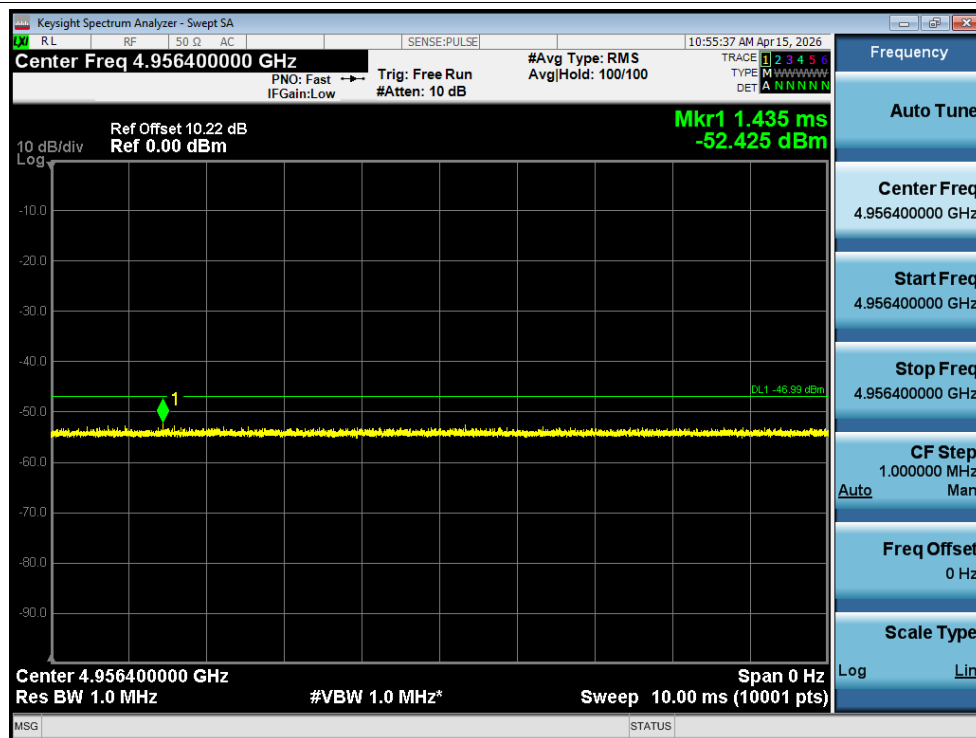
Rx. Spurious NVNT BLE 2M 2402MHz Ant1 @ 1000MHz-13000MHz Final



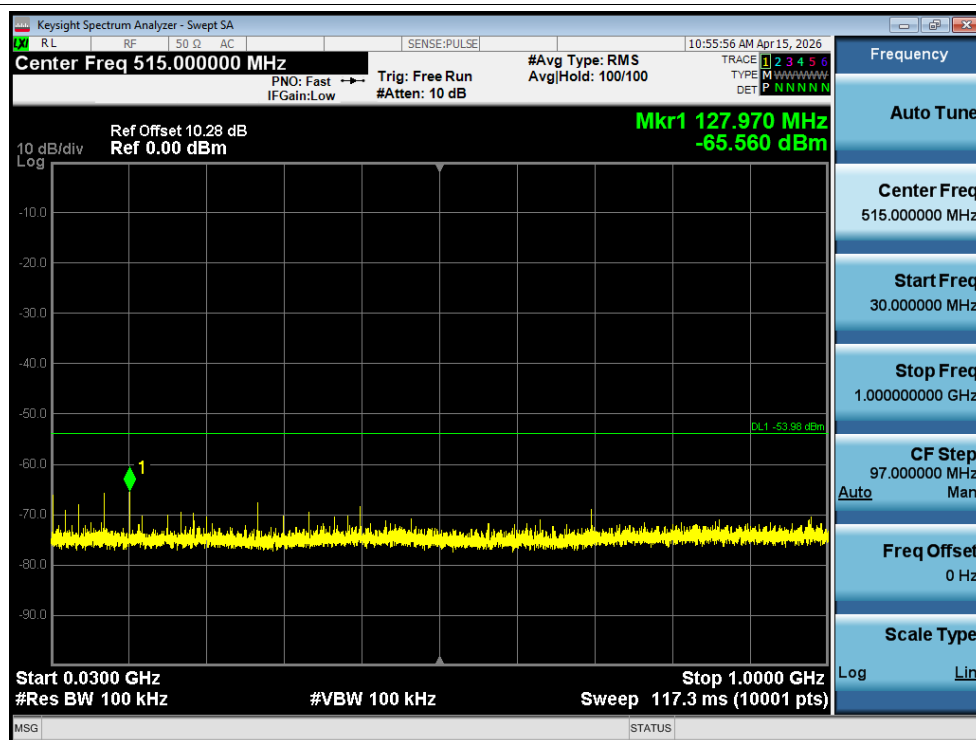
Rx. Spurious NVNT BLE 2M 2440MHz Ant1 @ 30MHz-1000MHz



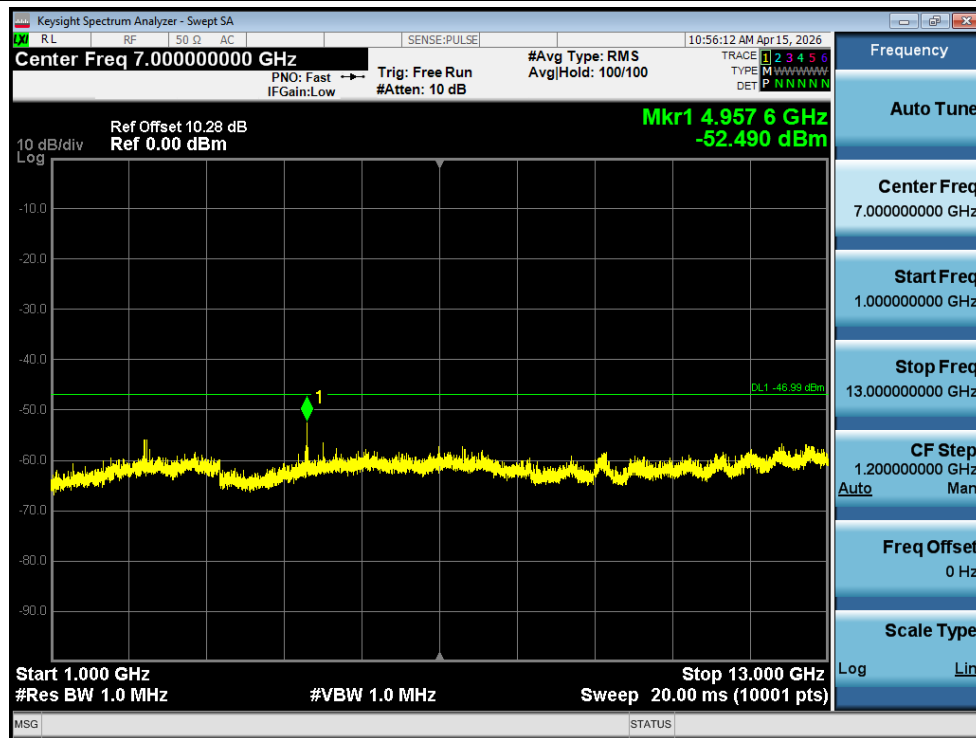
Rx. Spurious NVNT BLE 2M 2440MHz Ant1 @ 1000MHz-13000MHz



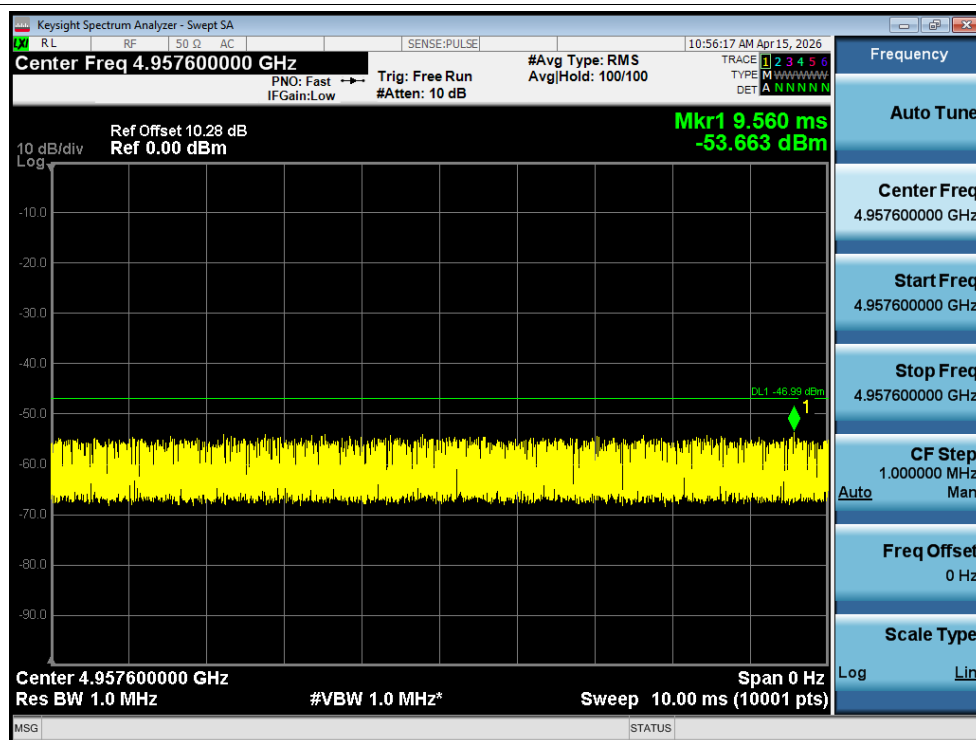
Rx. Spurious NVNT BLE 2M 2440MHz Ant1 @ 1000MHz-13000MHz Final



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



Rx. Spurious NVNT BLE 2M 2480MHz Ant1 @ 1000MHz-13000MHz



Rx. Spurious NVNT BLE 2M 2480MHz Ant1 @ 1000MHz-13000MHz Final