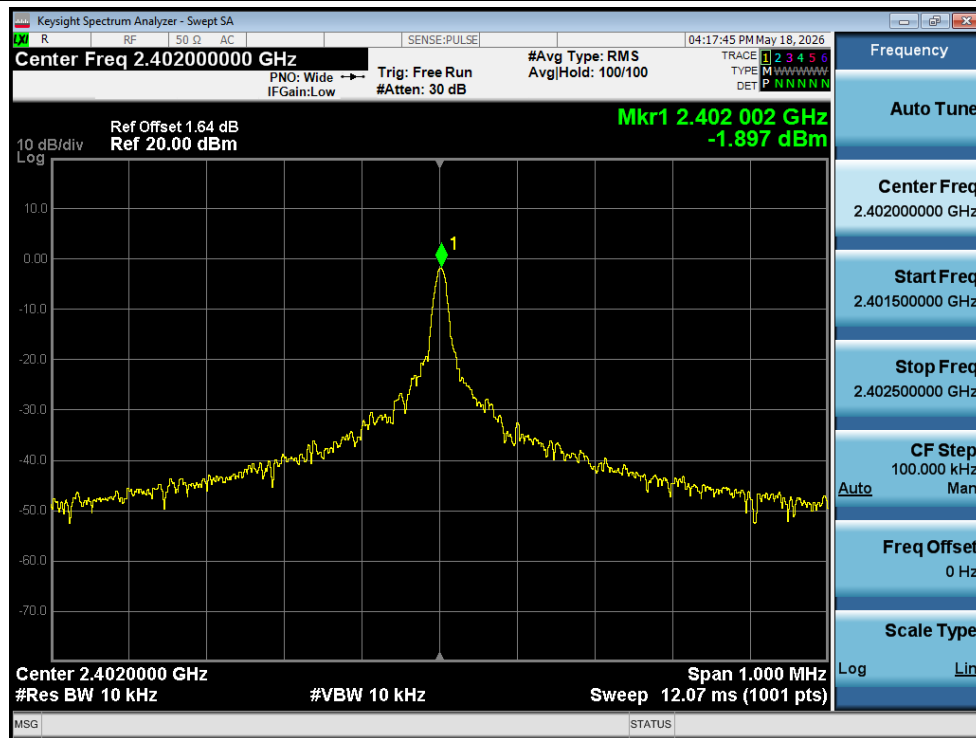


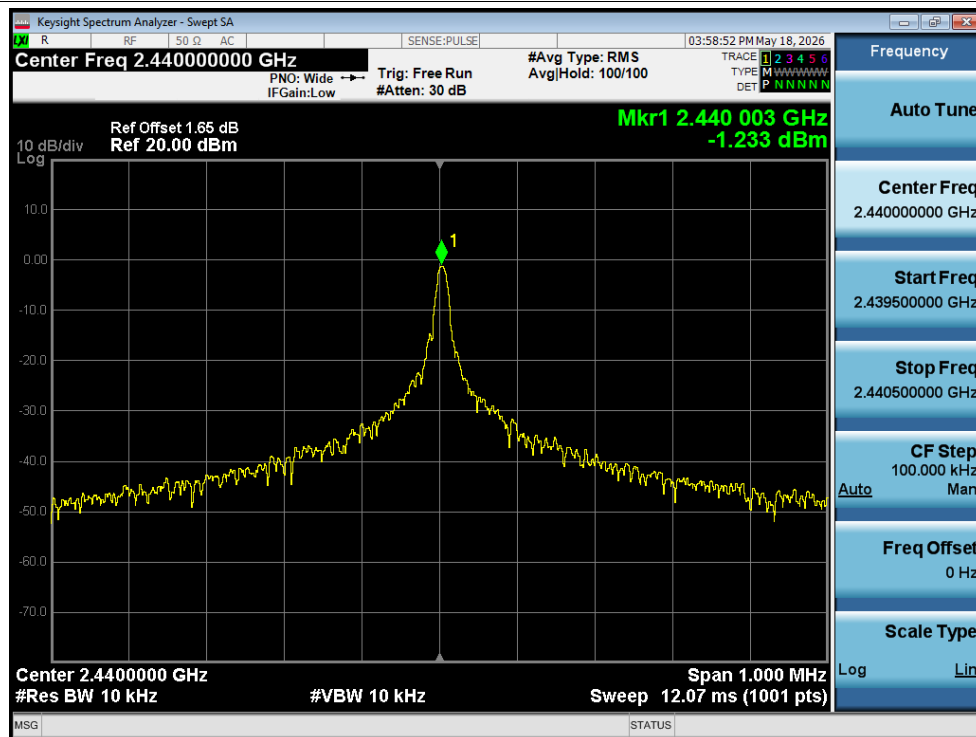
Frequency Error

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	BLE 1M	2402	Ant1	2402.002	2000	0.83	50	Pass
NVNT	BLE 1M	2440	Ant1	2440.003	3000	1.23	50	Pass
NVNT	BLE 1M	2480	Ant1	2480.003	3000	1.21	50	Pass

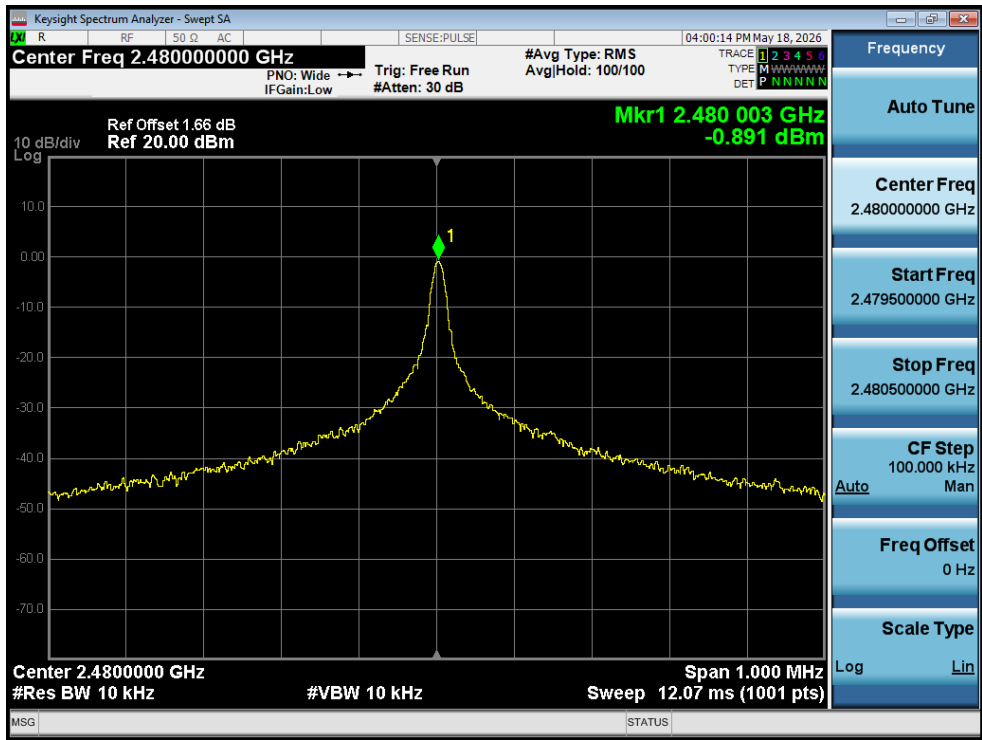
Report



Freq. Error NVNT BLE 1M 2402MHz Ant1



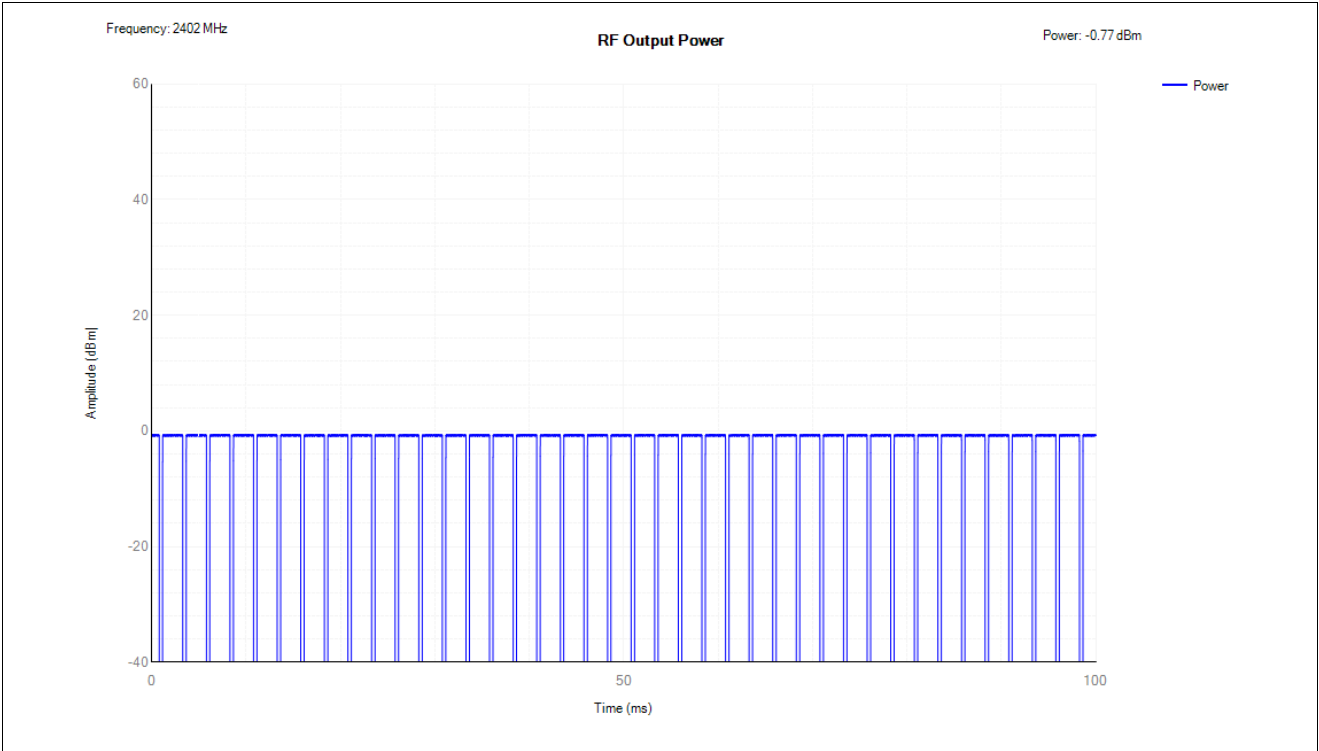
Freq. Error NVNT BLE 1M 2440MHz Ant1



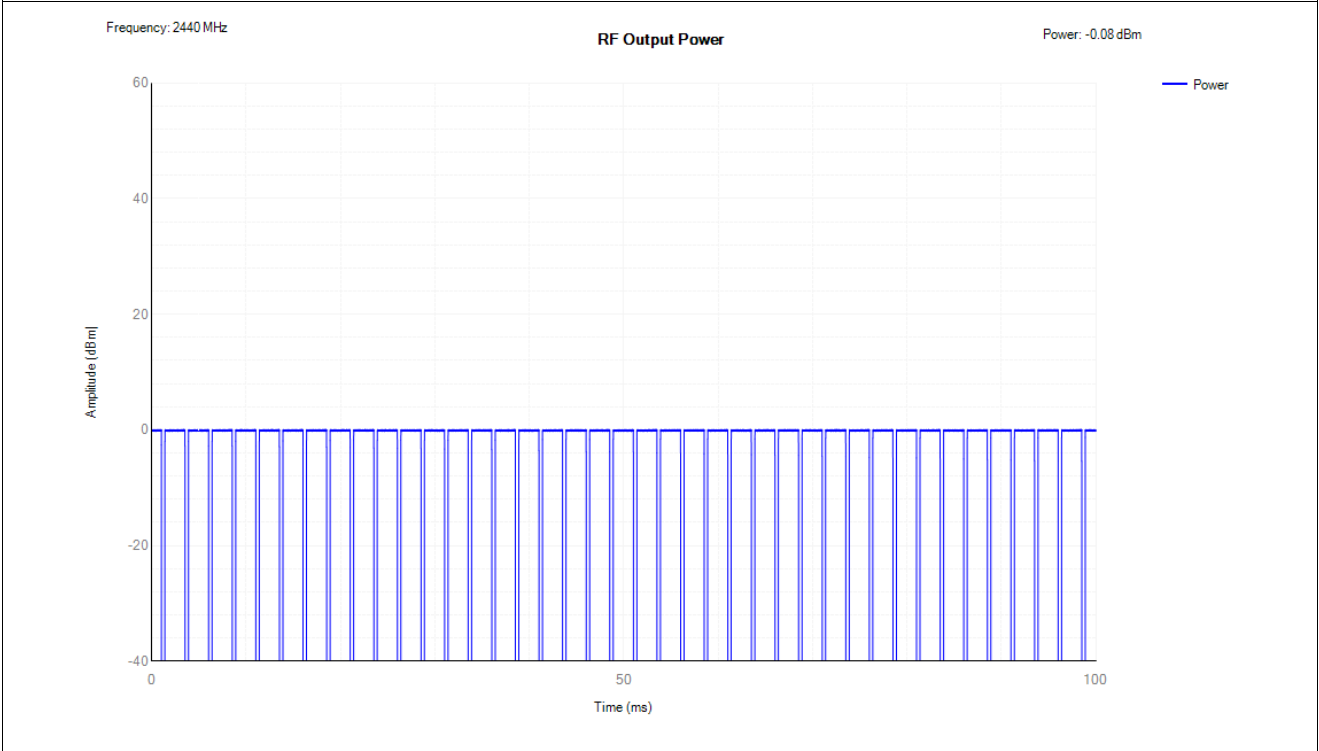
Freq. Error NVNT BLE 1M 2480MHz Ant1

Antenna Power

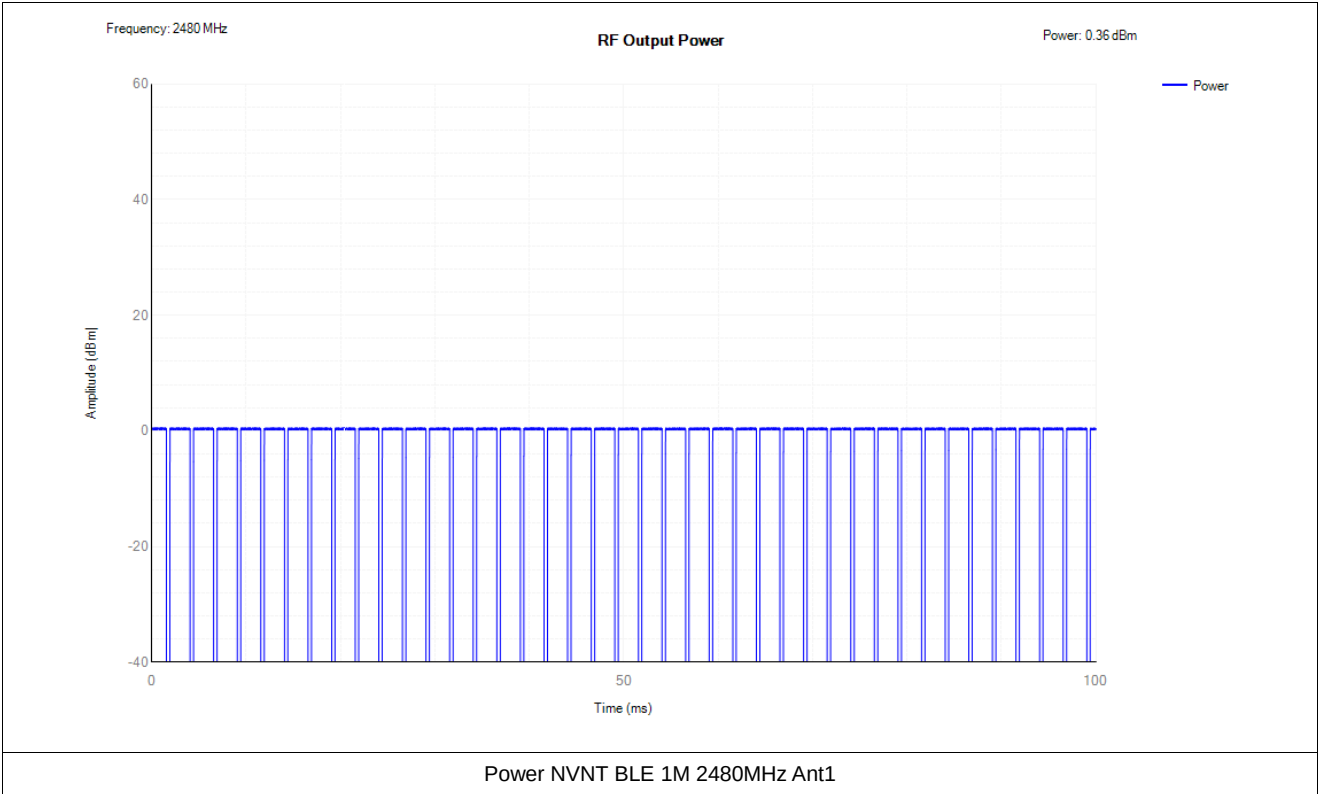
Condition	Mode	Frequency (MHz)	Antenna	Power (dBm)	Power (mW)	Limit (mW)	Declared Power (mW)	Tolerance (%)	Upper Limit (%)	Verdict
NVNT	BLE 1M	2402	Ant1	-0.77	0.838	10	1.5	-44.13	20	Pass
NVNT	BLE 1M	2440	Ant1	-0.08	0.982	10	1.5	-34.53	20	Pass
NVNT	BLE 1M	2480	Ant1	0.36	1.086	10	1.5	-27.6	20	Pass



Power NVNT BLE 1M 2402MHz Ant1



Power NVNT BLE 1M 2440MHz Ant1



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	0.838	-0.77	2.7	1.93	12.14	Pass
NVNT	BLE 1M	2440	Ant1	0.982	-0.08	2.7	2.62	12.14	Pass
NVNT	BLE 1M	2480	Ant1	1.086	0.36	2.7	3.06	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	1.2201	N/A	26	Pass
NVNT	BLE 1M	2440	Ant1	1.2207	N/A	26	Pass
NVNT	BLE 1M	2480	Ant1	1.2198	N/A	26	Pass

Report



OBW NVNT BLE 1M 2402MHz Ant1



OBW NVNT BLE 1M 2440MHz Ant1



OBW NVNT BLE 1M 2480MHz Ant1

Spreading Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	90% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	0.82083
NVNT	BLE 1M	2440	Ant1	0.82016
NVNT	BLE 1M	2480	Ant1	0.81866

Report



Spreading Bandwidth NVNT BLE 1M 2402MHz Ant1



Spreading Bandwidth NVNT BLE 1M 2440MHz Ant1

Report

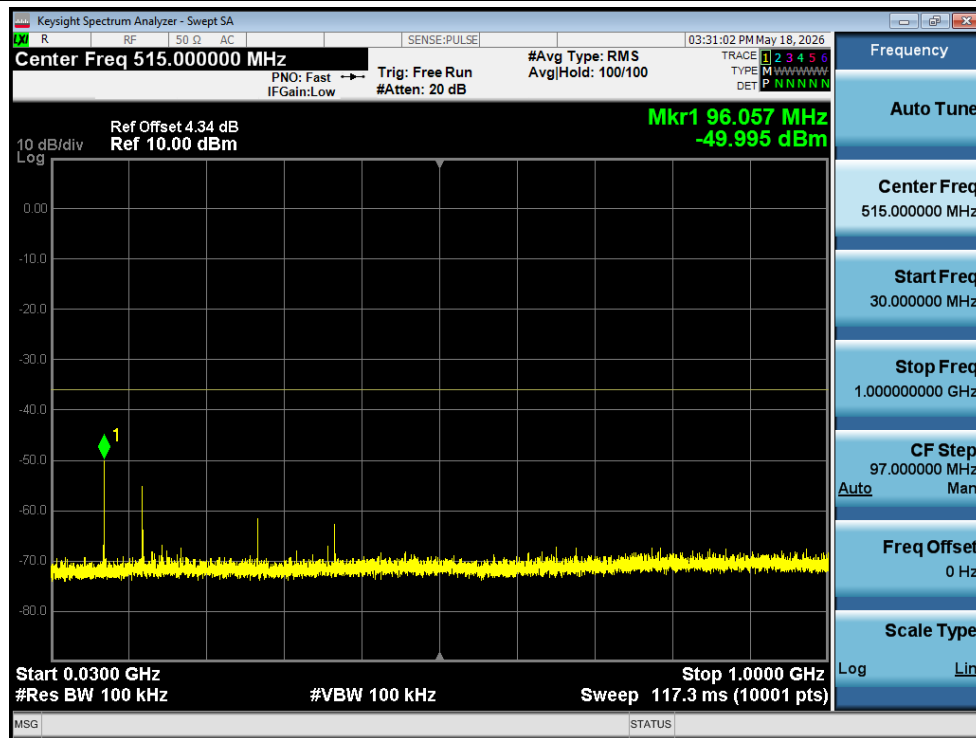


Spreading Bandwidth NVNT BLE 1M 2480MHz Ant1

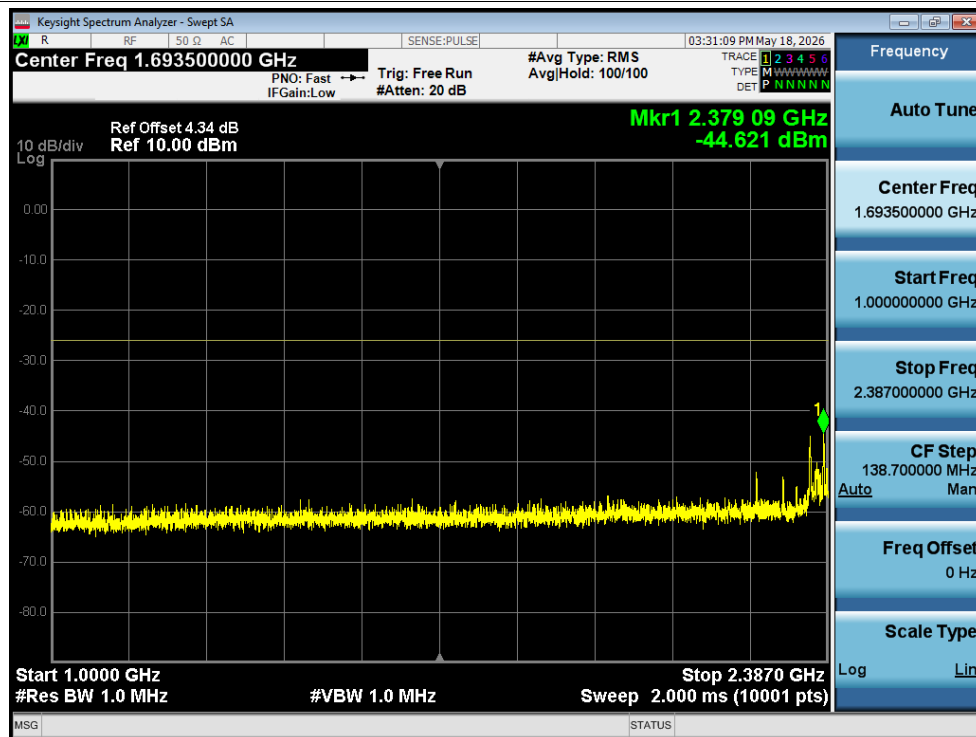
Tx Spurious Emission

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	96.06	-50.00	NA	0.01	NA	0.25	0.25	Pass
NVNT	BLE 1M	2402	Ant1	1000-2387	2379.09	-44.62	NA	0.0345	NA	2.5	2.5	Pass
NVNT	BLE 1M	2402	Ant1	2387-2400	2399.69	-30.55	NA	0.881	NA	25	25	Pass
NVNT	BLE 1M	2402	Ant1	2483.5-2496.5	2495.68	-52.54	NA	0.0056	NA	25	25	Pass
NVNT	BLE 1M	2402	Ant1	2496.5-13000	4802.02	-43.69	NA	0.0428	NA	2.5	2.5	Pass
NVNT	BLE 1M	2440	Ant1	30-1000	95.96	-52.35	NA	0.0058	NA	0.25	0.25	Pass
NVNT	BLE 1M	2440	Ant1	1000-2387	2344.56	-52.37	NA	0.0058	NA	2.5	2.5	Pass
NVNT	BLE 1M	2440	Ant1	2387-2400	2391.85	-40.81	NA	0.083	NA	25	25	Pass
NVNT	BLE 1M	2440	Ant1	2483.5-2496.5	2488.02	-39.03	NA	0.125	NA	25	25	Pass
NVNT	BLE 1M	2440	Ant1	2496.5-13000	2536.41	-35.62	NA	0.2742	NA	2.5	2.5	Pass
NVNT	BLE 1M	2480	Ant1	30-1000	143.98	-55.24	NA	0.003	NA	0.25	0.25	Pass
NVNT	BLE 1M	2480	Ant1	1000-2387	2384.64	-53.58	NA	0.0044	NA	2.5	2.5	Pass
NVNT	BLE 1M	2480	Ant1	2387-2400	2388.07	-55.47	NA	0.0028	NA	25	25	Pass
NVNT	BLE 1M	2480	Ant1	2483.5-2496.5	2486.09	-38.16	NA	0.1528	NA	25	25	Pass
NVNT	BLE 1M	2480	Ant1	2496.5-13000	9915.12	-42.18	NA	0.0605	NA	2.5	2.5	Pass

Report

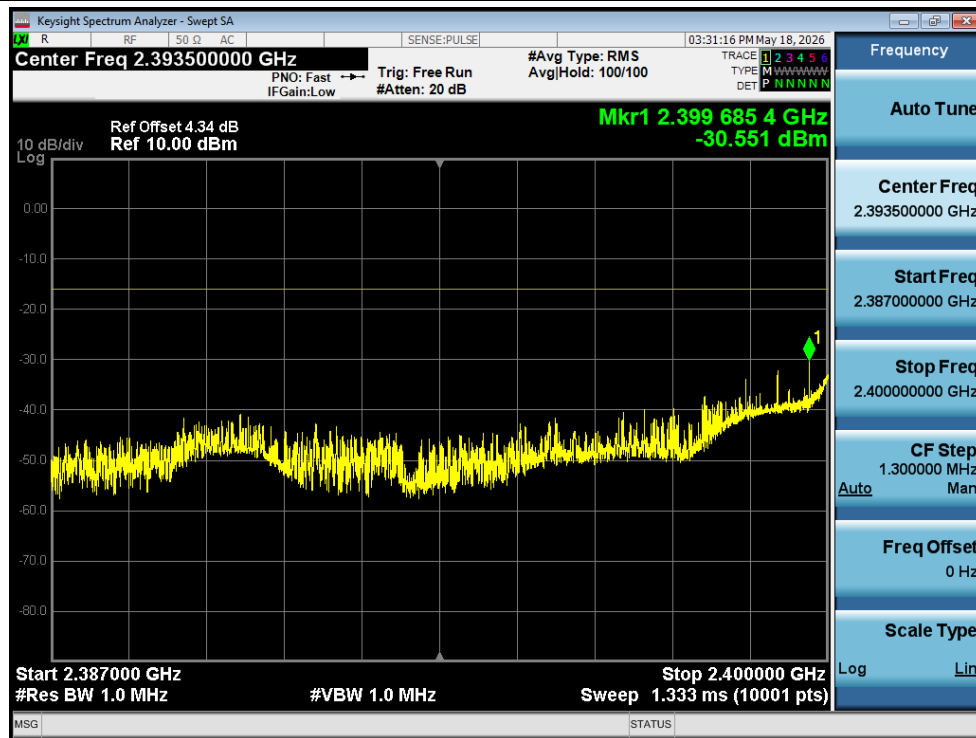


Tx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 30MHz-1000MHz

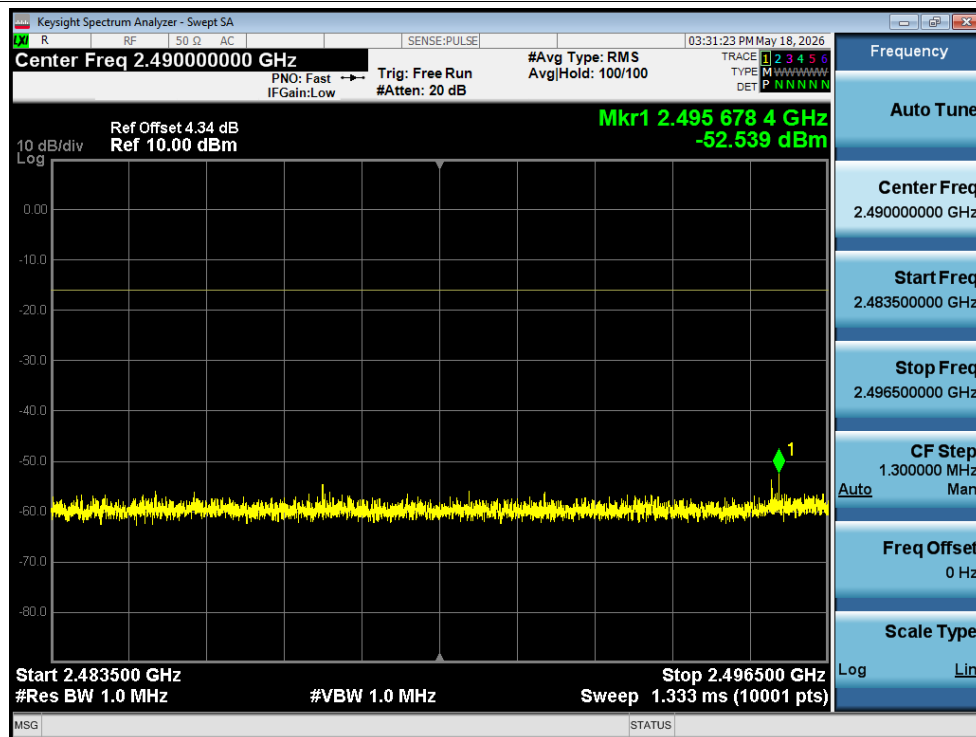


Tx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 1000MHz-2387MHz

Report



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

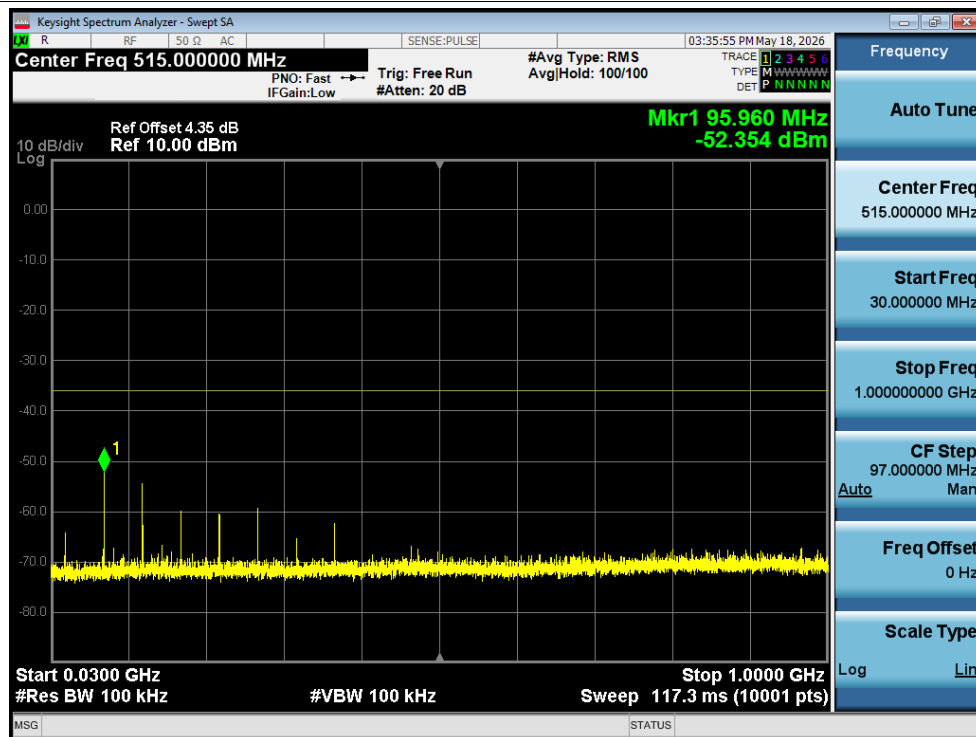


Tx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 2483.5MHz-2496.5MHz

Report

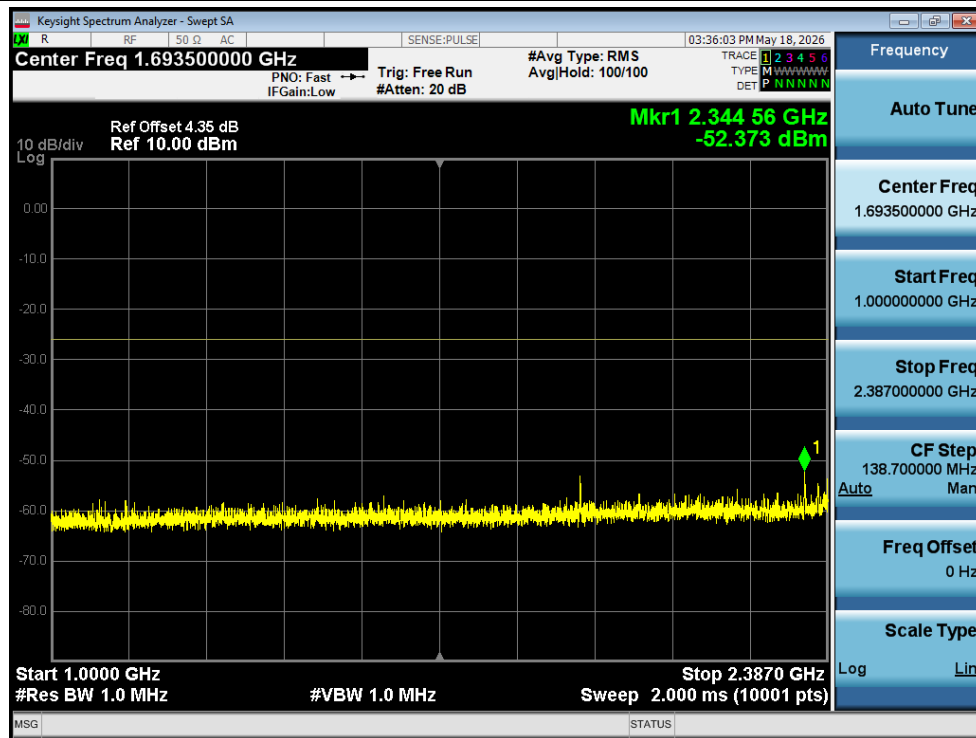


Tx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 2496.5MHz-13000MHz

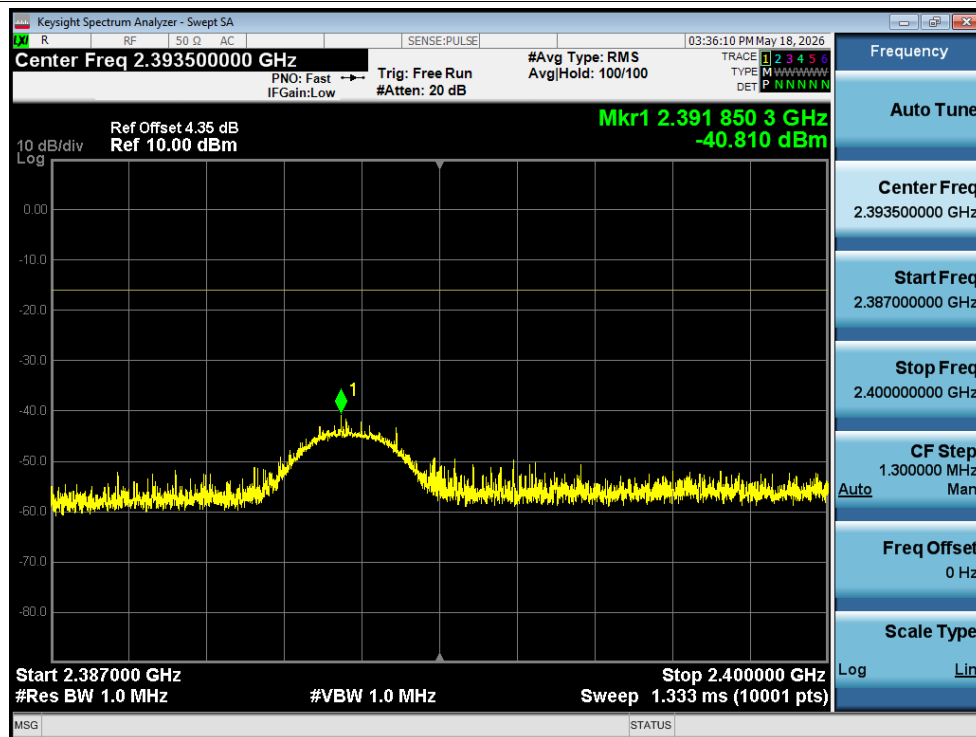


Tx. Spurious NVNT BLE 1M 2440MHz Ant1 @ 30MHz-1000MHz

Report

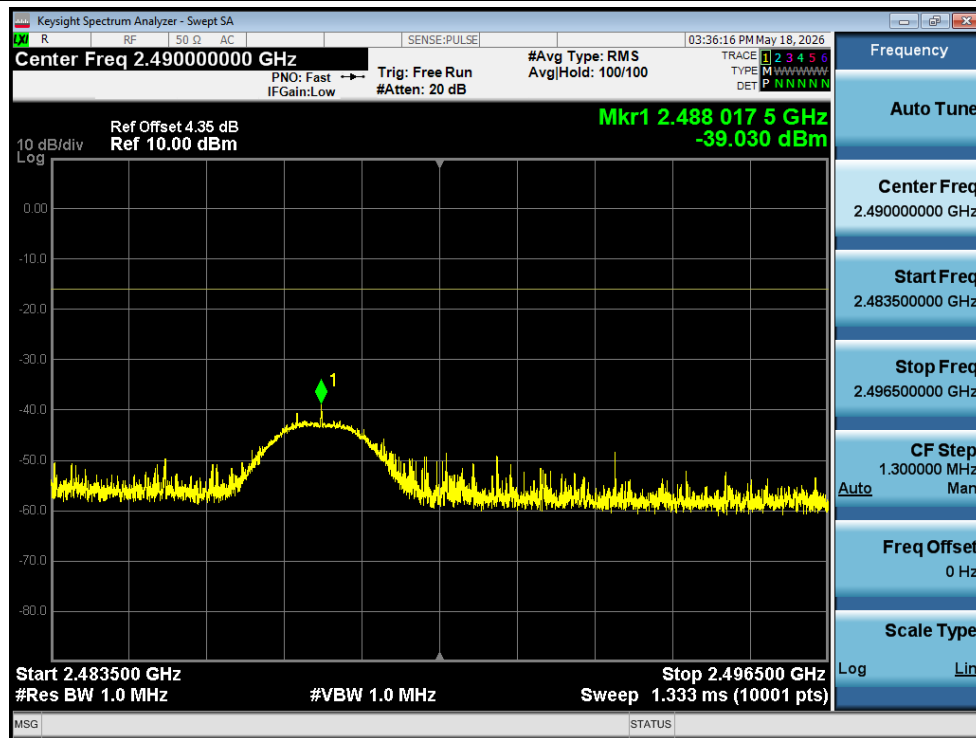


Tx. Spurious NVNT BLE 1M 2440MHz Ant1 @ 1000MHz-2387MHz



Tx. Spurious NVNT BLE 1M 2440MHz Ant1 @ 2387MHz-2400MHz

Report

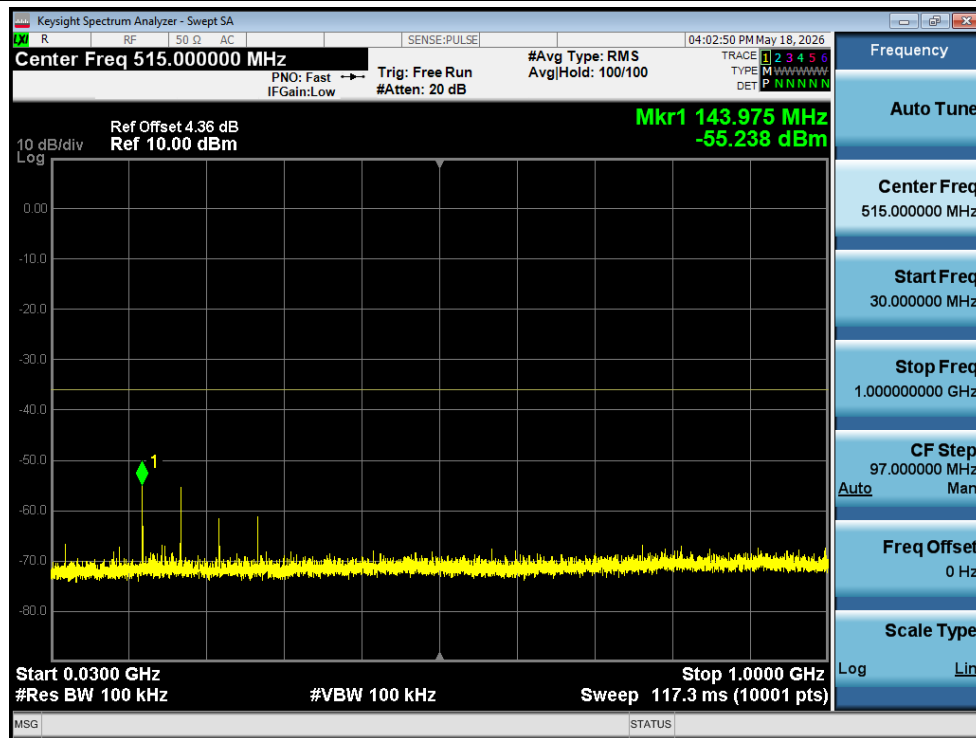


Tx. Spurious NVNT BLE 1M 2440MHz Ant1 @ 2483.5MHz-2496.5MHz

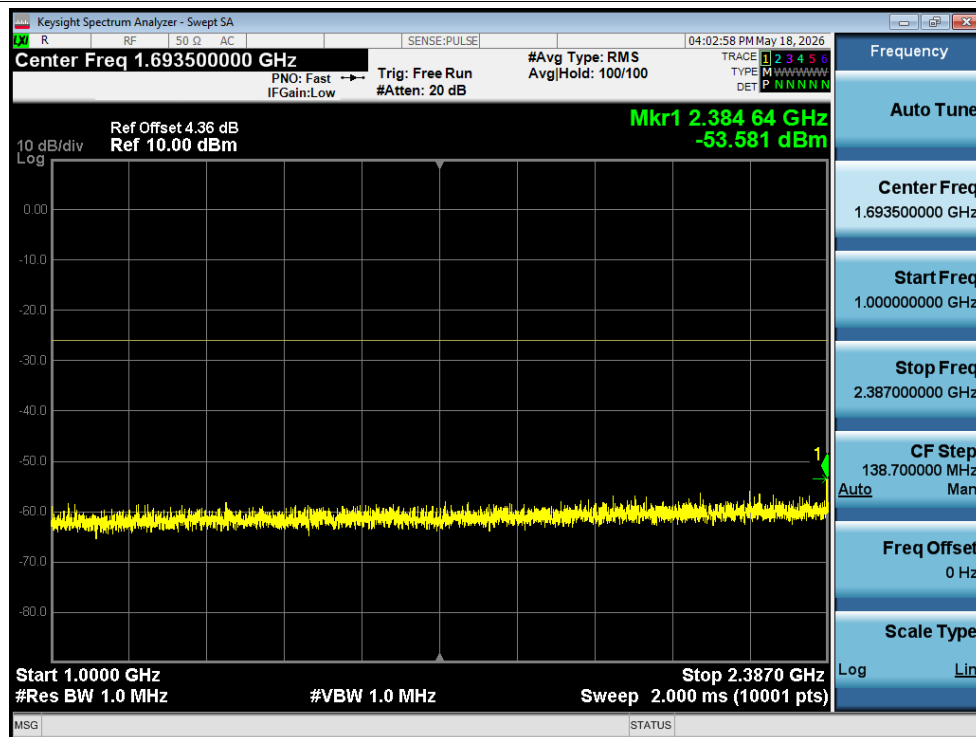


Tx. Spurious NVNT BLE 1M 2440MHz Ant1 @ 2496.5MHz-13000MHz

Report

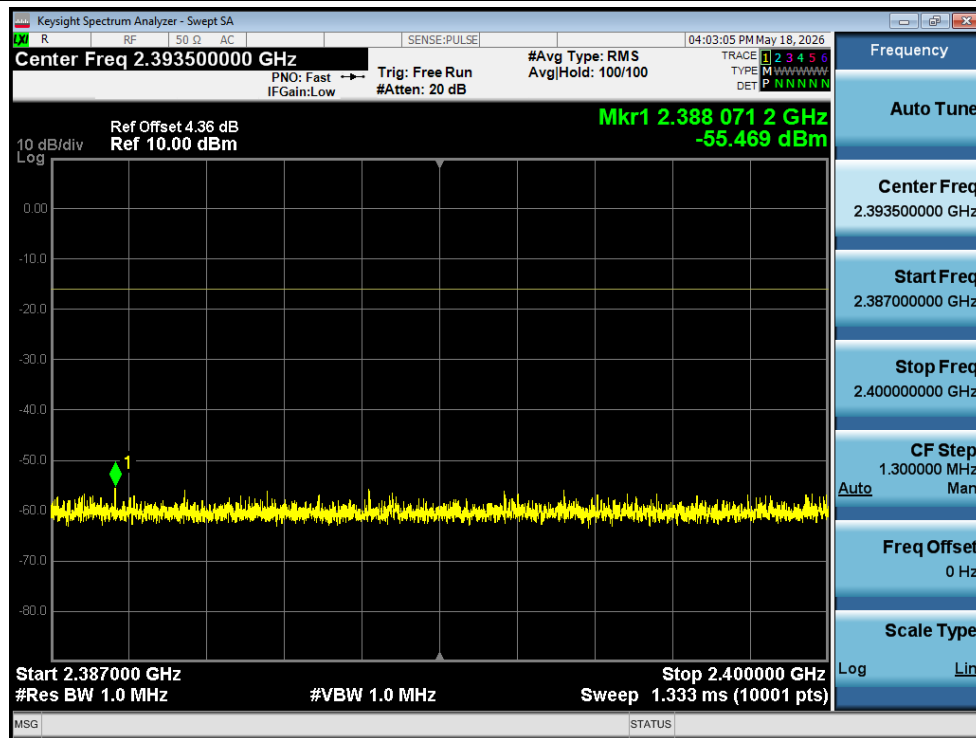


Tx. Spurious NVNT BLE 1M 2480MHz Ant1 @ 30MHz-1000MHz

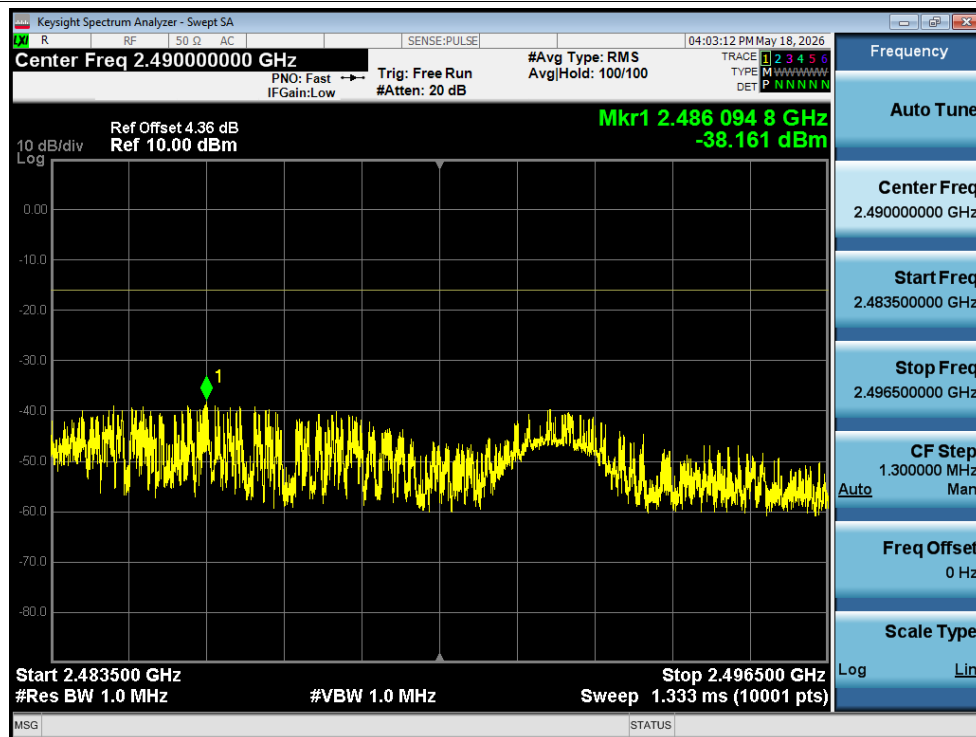


Tx. Spurious NVNT BLE 1M 2480MHz Ant1 @ 1000MHz-2387MHz

Report



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



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

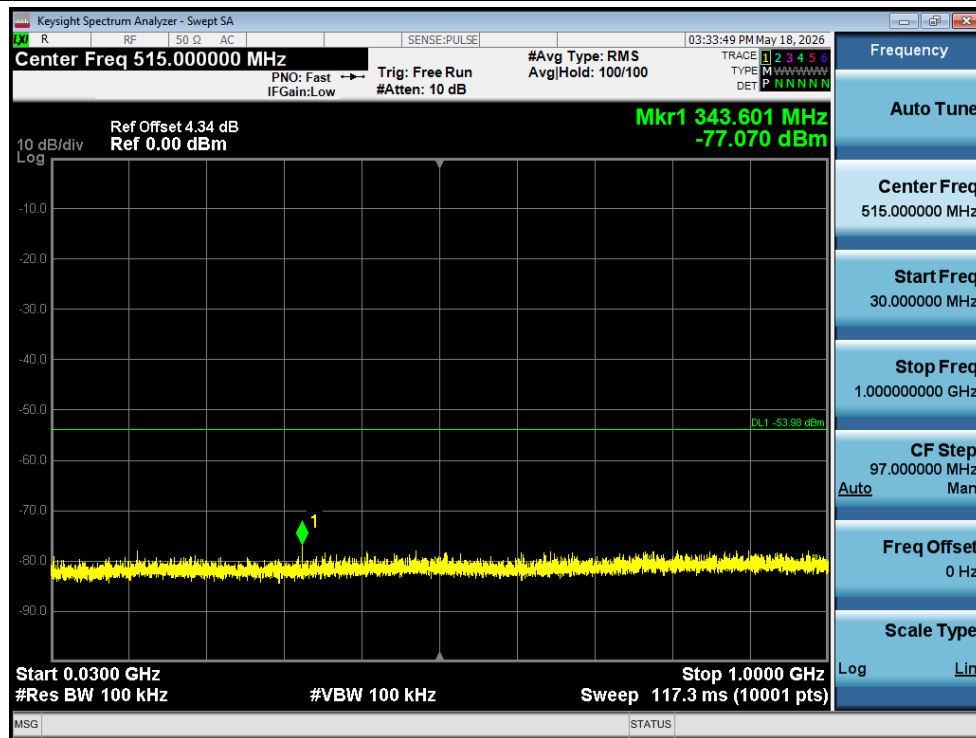


Tx. Spurious NVNT BLE 1M 2480MHz Ant1 @ 2496.5MHz-13000MHz

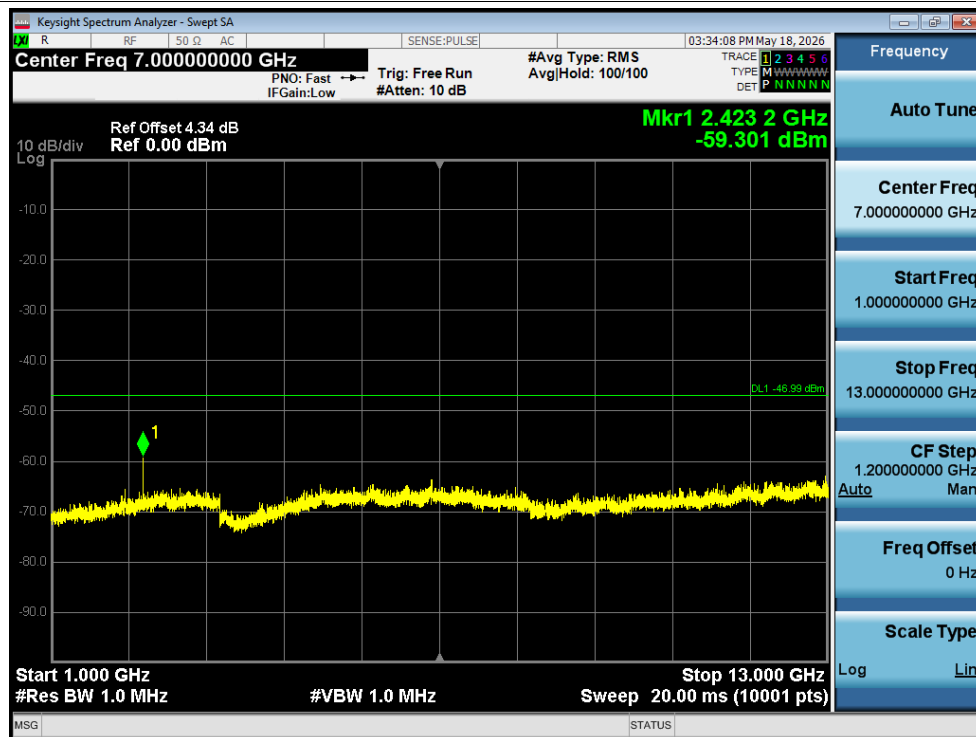
Rx Spurious Emission

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	343.60	-77.07	NA	0.0196	NA	4	Pass
NVNT	BLE 1M	2402	Ant1	1000-13000	2423.20	-59.30	NA	1.1749	NA	20	Pass
NVNT	BLE 1M	2440	Ant1	30-1000	760.12	-77.13	NA	0.0194	NA	4	Pass
NVNT	BLE 1M	2440	Ant1	1000-13000	12539.20	-63.11	NA	0.4887	NA	20	Pass
NVNT	BLE 1M	2480	Ant1	30-1000	788.64	-76.18	NA	0.0241	NA	4	Pass
NVNT	BLE 1M	2480	Ant1	1000-13000	12742.00	-62.74	NA	0.5321	NA	20	Pass

Report

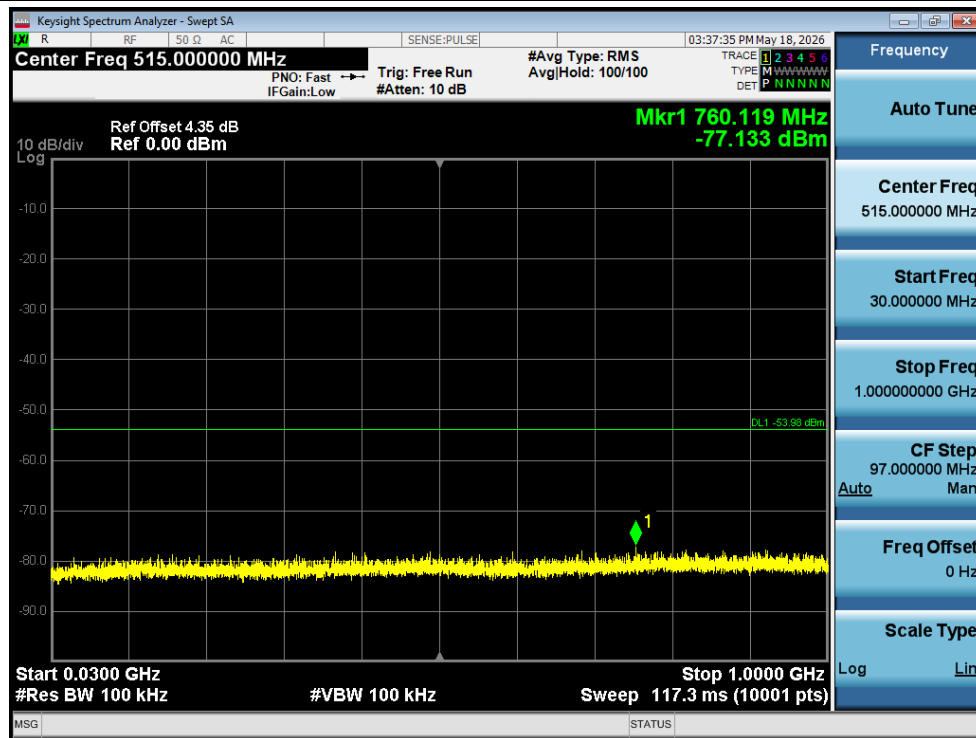


Rx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 30MHz-1000MHz



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

Report

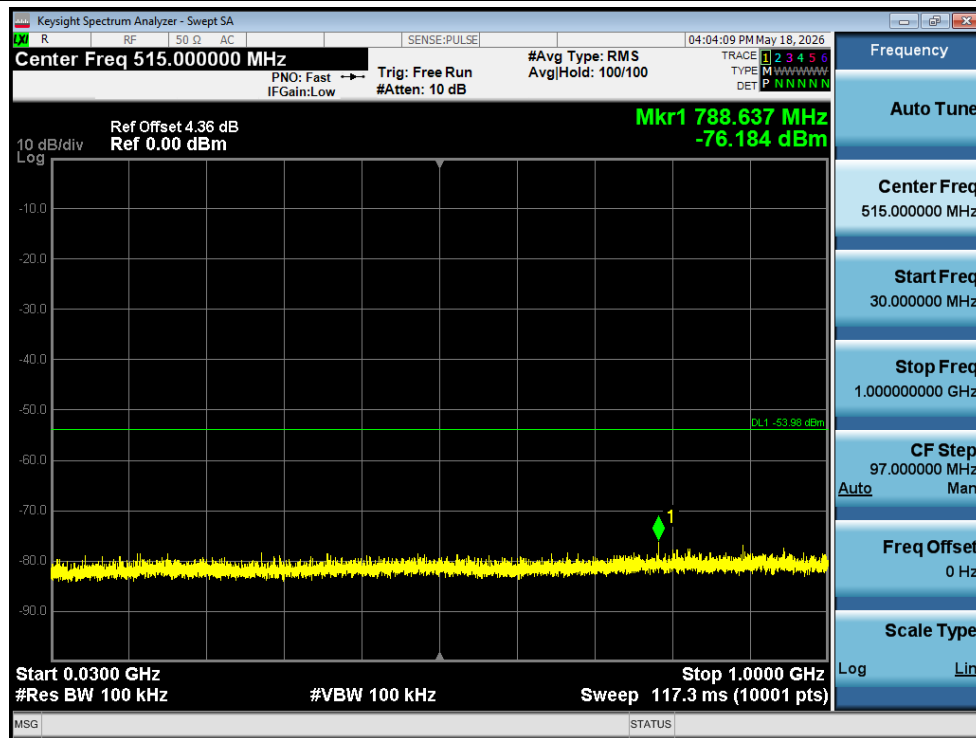


Rx. Spurious NVNT BLE 1M 2440MHz Ant1 @ 30MHz-1000MHz

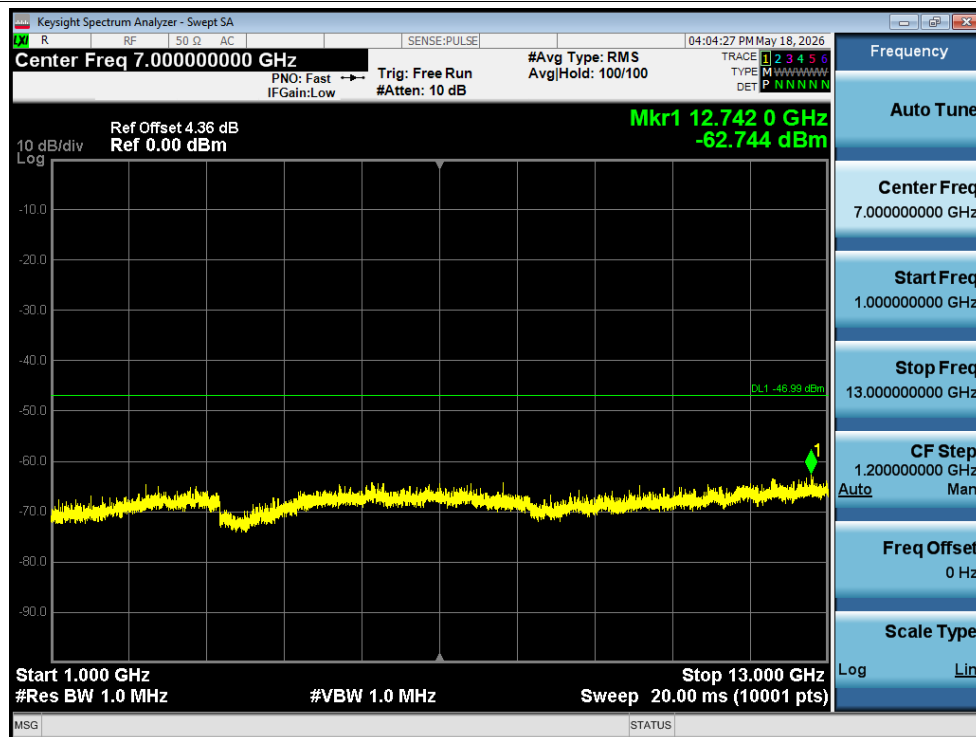


Rx. Spurious NVNT BLE 1M 2440MHz Ant1 @ 1000MHz-13000MHz

Report



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



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