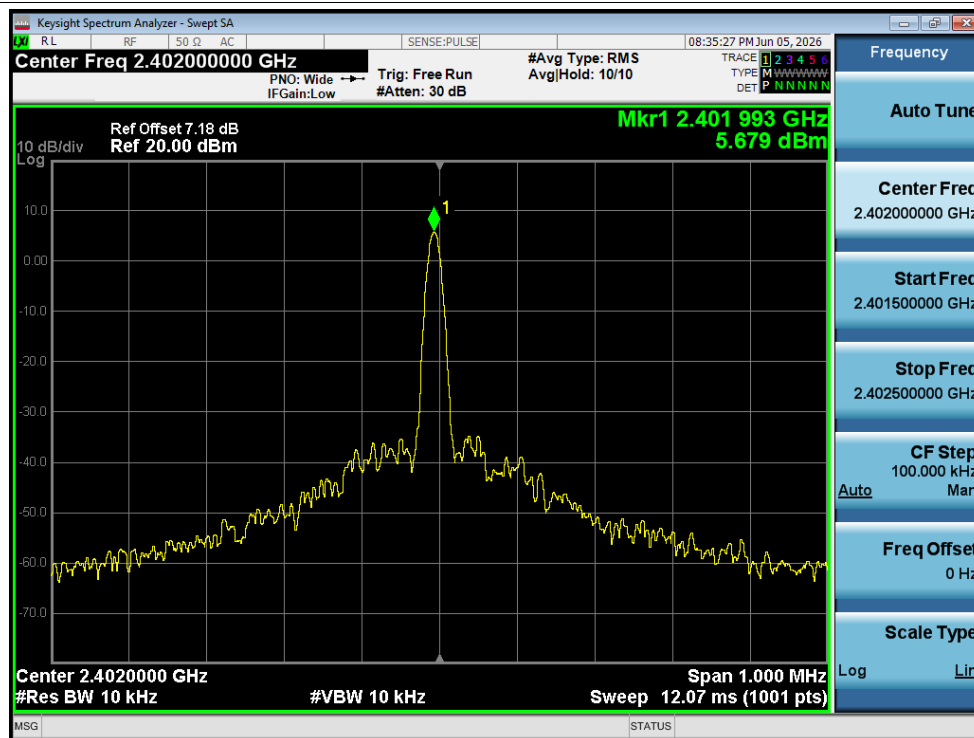


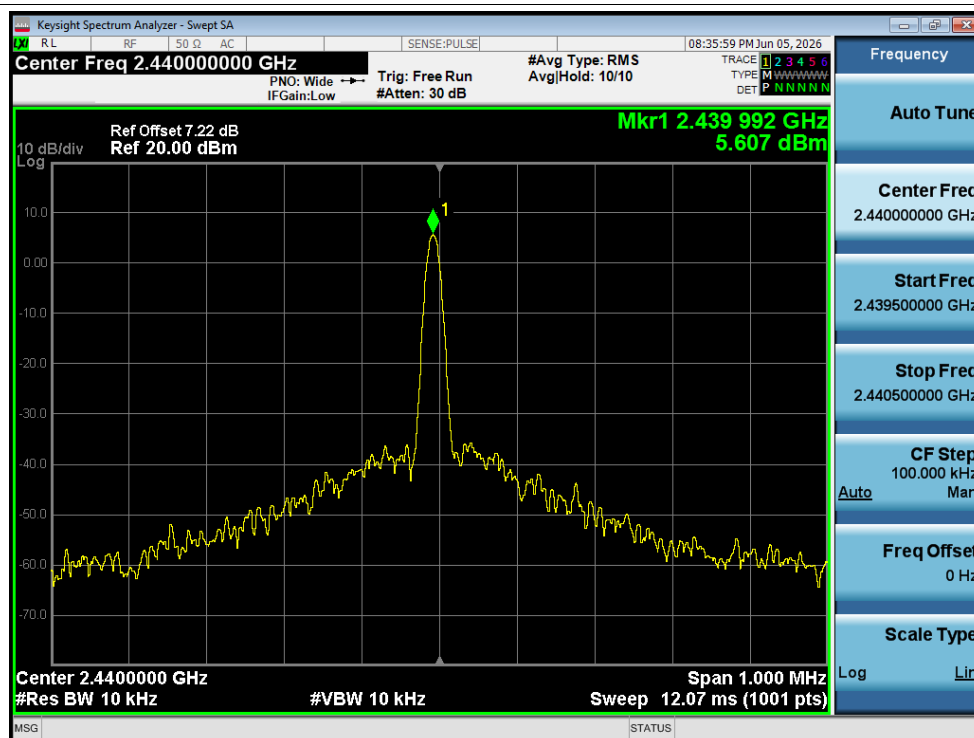
Appendix B

Frequency Error

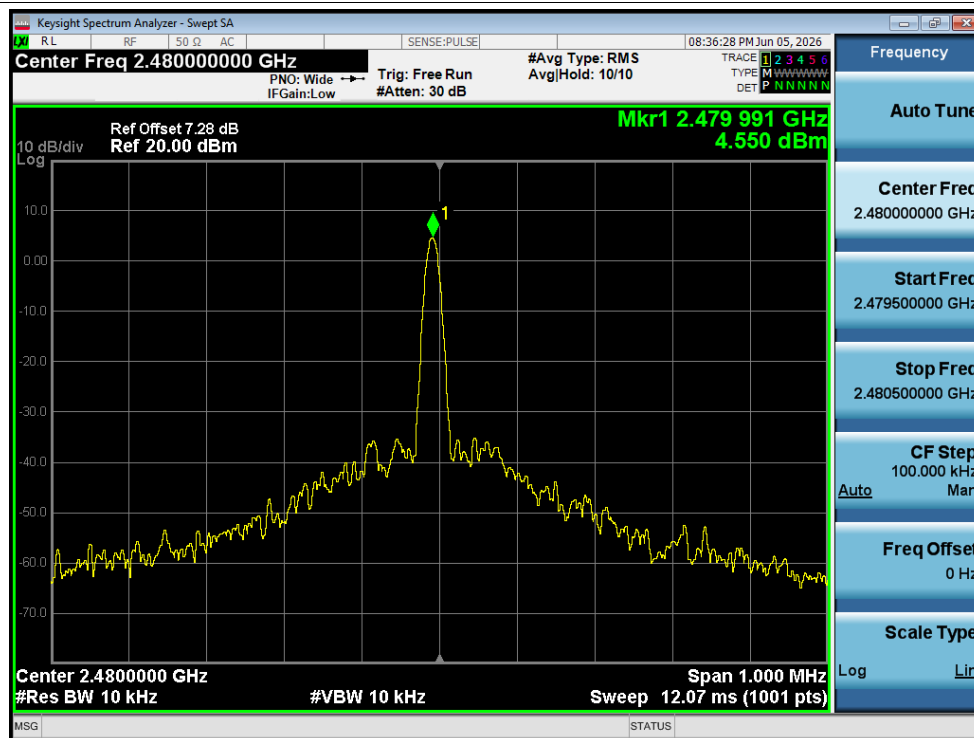
Condition	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	2402	Ant1	2401.993	-7000	-2.91	50	Pass
NVNT	2440	Ant1	2439.992	-8000	-3.28	50	Pass
NVNT	2480	Ant1	2479.991	-9000	-3.63	50	Pass



Freq. Error NVNT BLE 2402MHz Ant1



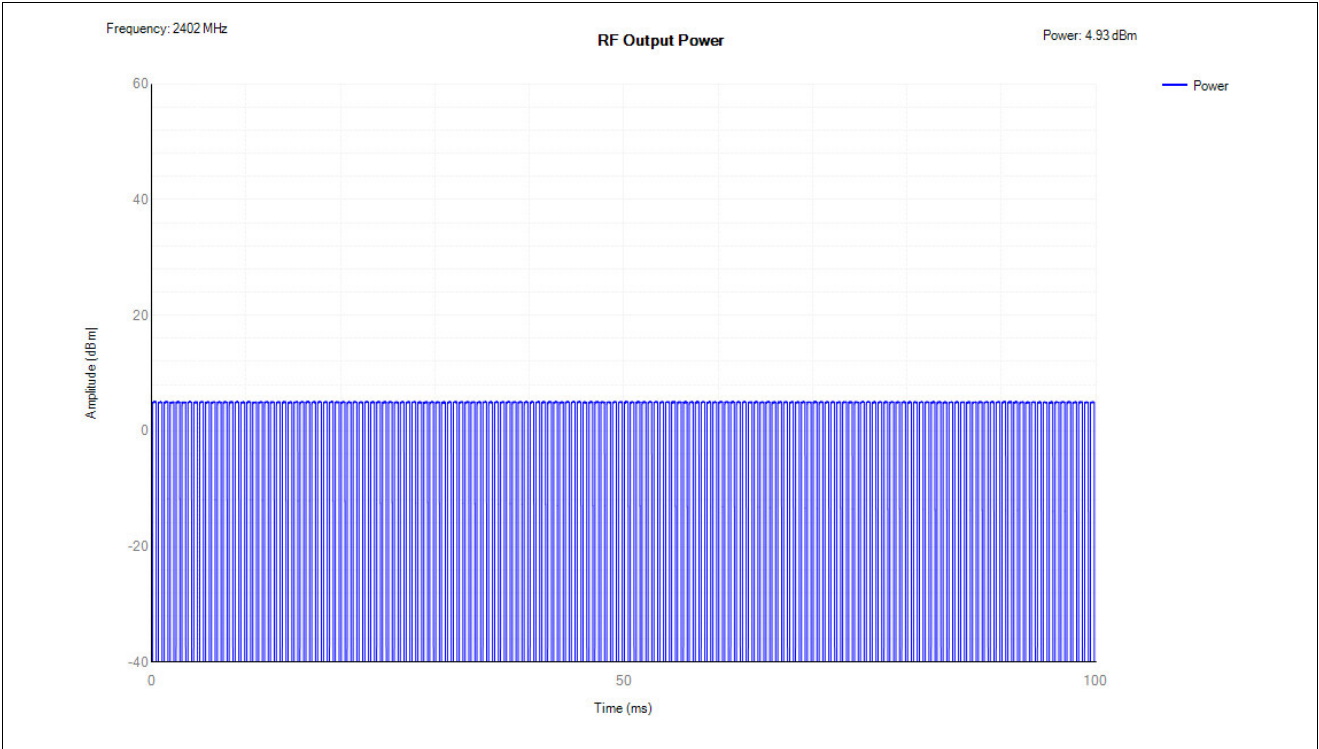
Freq. Error NVNT BLE 2440MHz Ant1



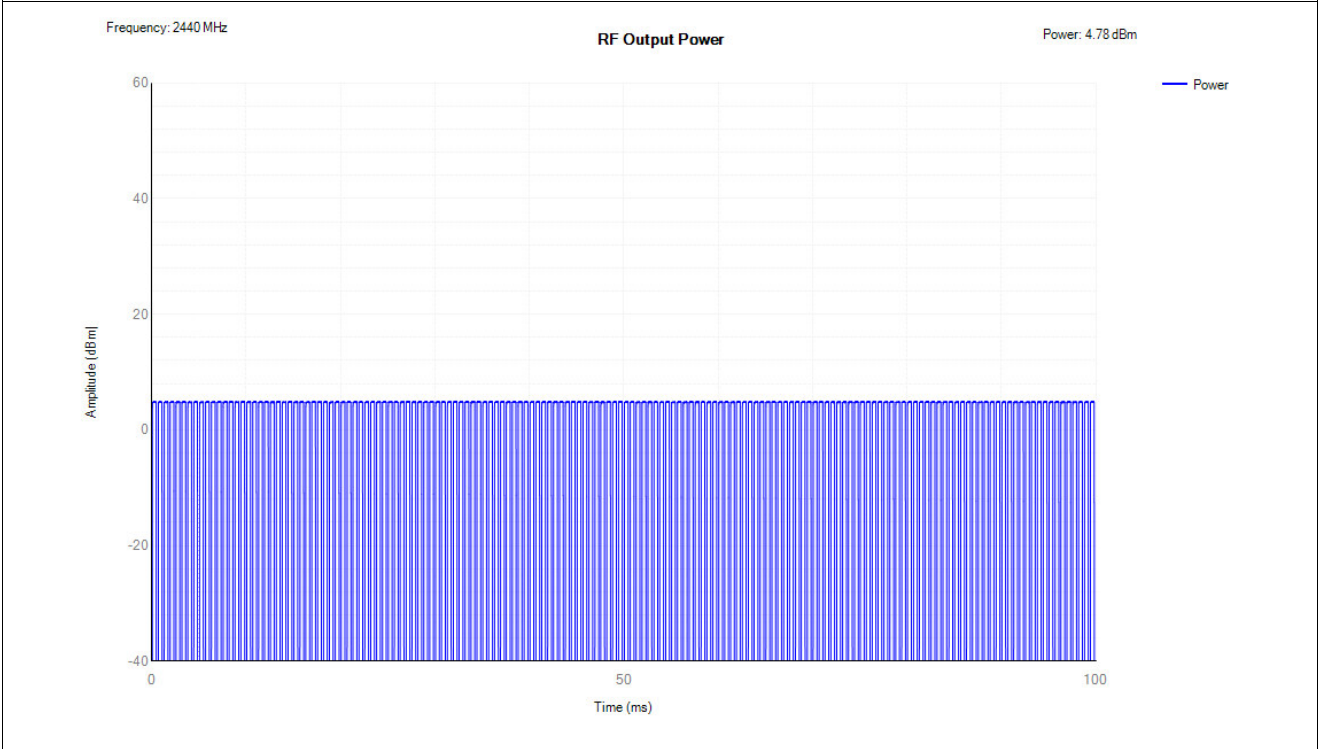
Freq. Error NVNT BLE 2480MHz Ant1

Antenna Power

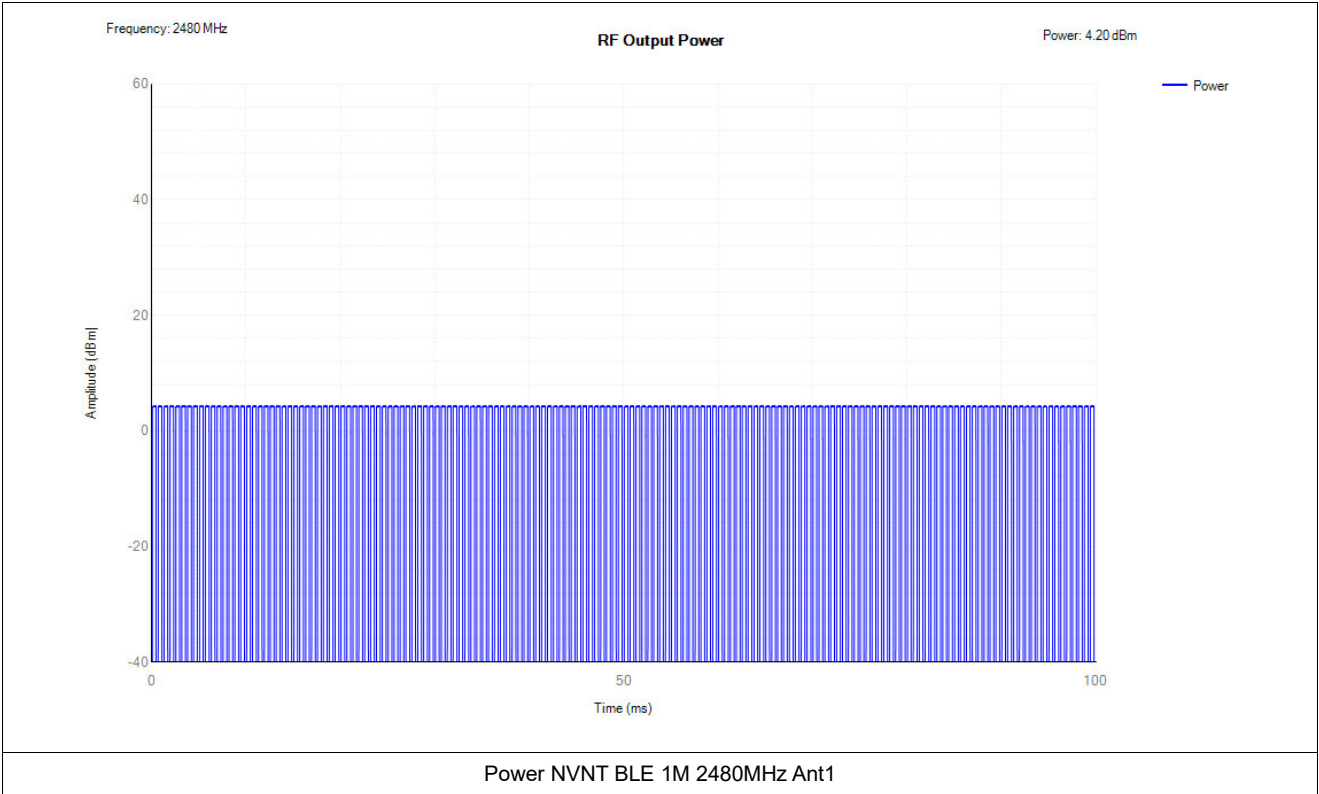
Condition	Mode	Frequency (MHz)	Antenna	Power (dBm)	Power (mW)	Limit (mW)	Declared Power (mW)	Tolerance (%)	Upper Limit (%)	Verdict
NVNT	BLE 1M	2402	Ant1	4.93	3.112	10	5	-37.76	20	Pass
NVNT	BLE 1M	2440	Ant1	4.78	3.006	10	5	-39.88	20	Pass
NVNT	BLE 1M	2480	Ant1	4.2	2.63	10	5	-47.4	20	Pass



Power NVNT BLE 1M 2402MHz Ant1



Power NVNT BLE 1M 2440MHz Ant1

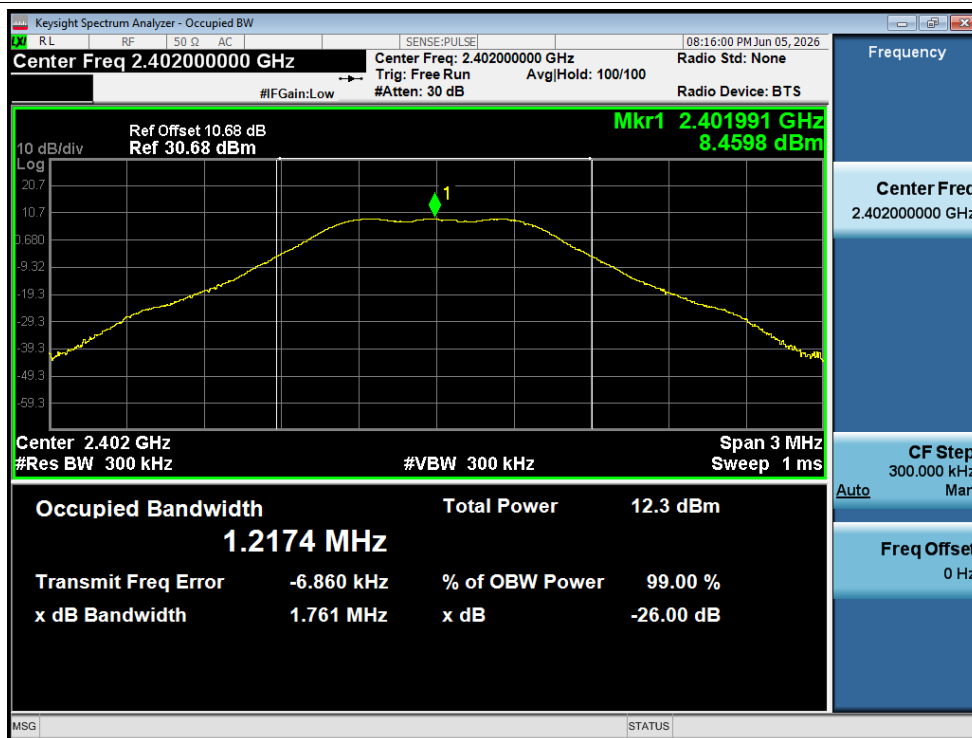


EIRP Power

Condition	Mode	Frequency (MHz)	Antenna	Antenna Power (mW)	Antenna Power (dBm)	Gain (dBi)	EIRP Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	3.112	4.93	3.5	8.43	12.14	Pass
NVNT	BLE 1M	2440	Ant1	3.006	4.78	3.5	8.28	12.14	Pass
NVNT	BLE 1M	2480	Ant1	2.63	4.2	3.5	7.7	12.14	Pass

Occupied Channel Bandwidth

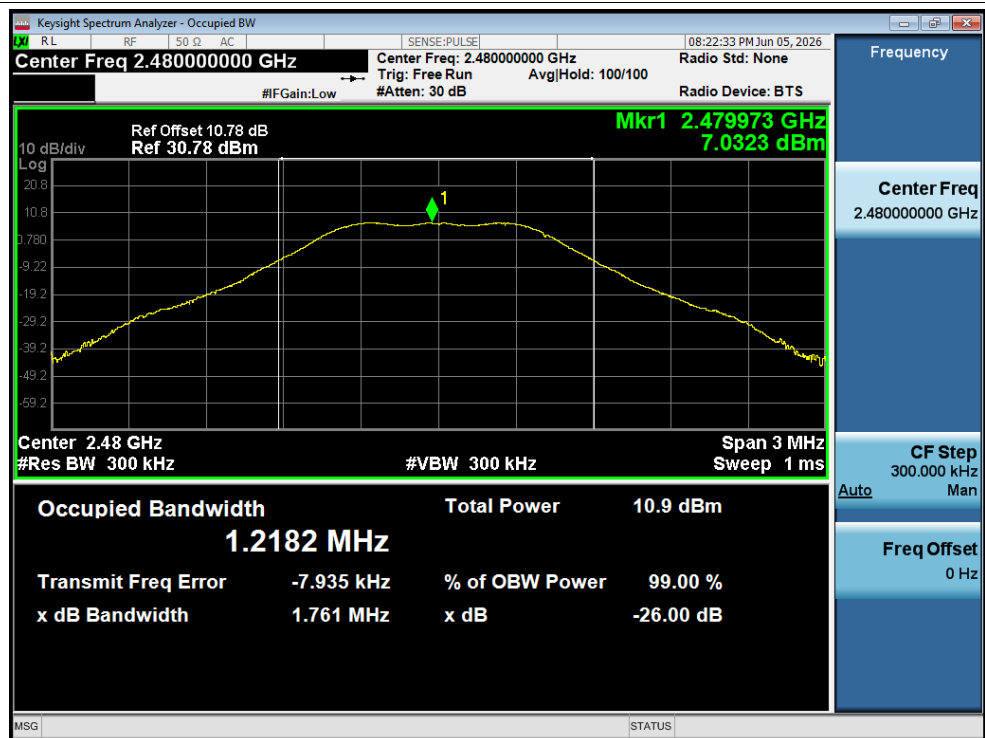
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)	Lower Limit (MHz)	Upper Limit (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	1.2174	N/A	26	Pass
NVNT	BLE 1M	2440	Ant1	1.2189	N/A	26	Pass
NVNT	BLE 1M	2480	Ant1	1.2182	N/A	26	Pass



OBW NVNT BLE 1M 2402MHz Ant1



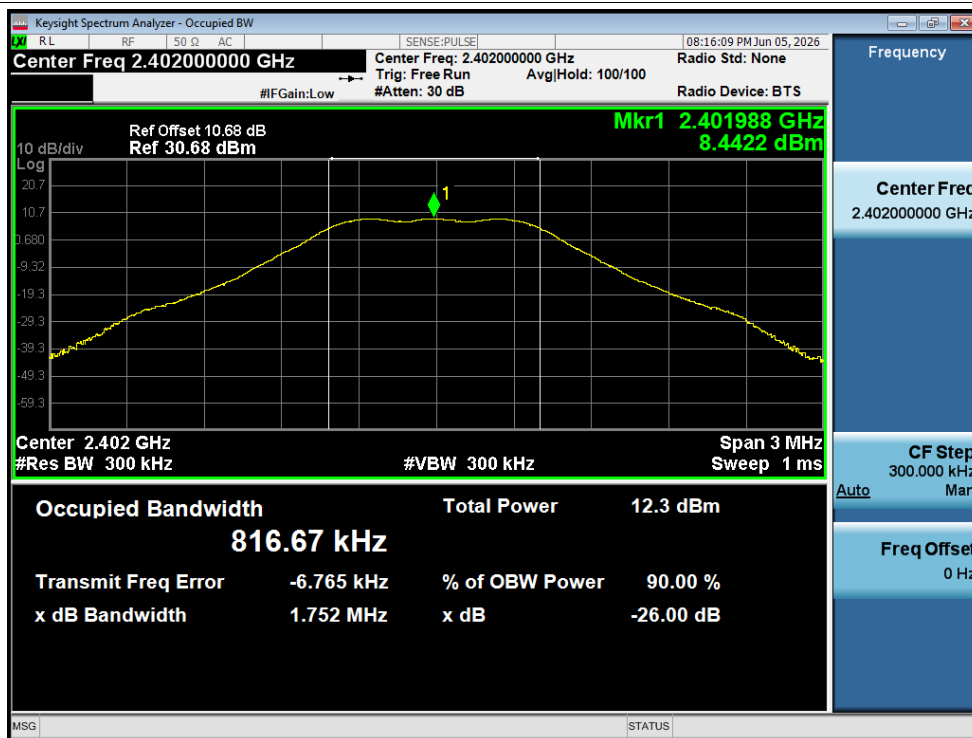
OBW NVNT BLE 1M 2440MHz Ant1



OBW NVNT BLE 1M 2480MHz Ant1

Spreading Bandwidth

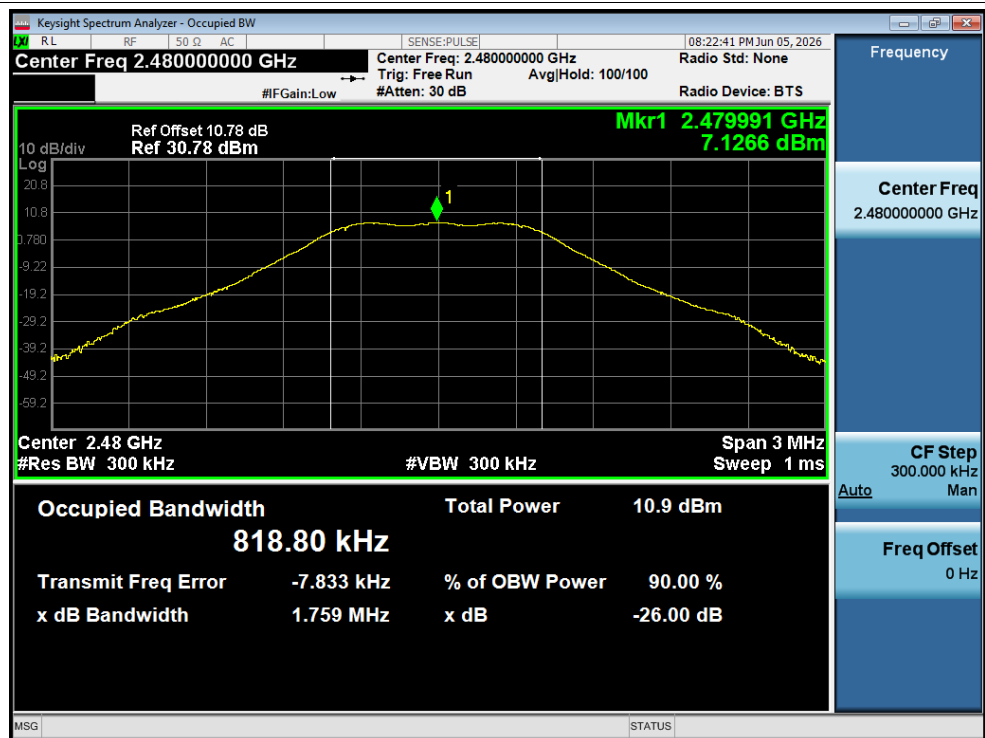
Condition	Mode	Frequency (MHz)	Antenna	90% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	0.81667
NVNT	BLE 1M	2440	Ant1	0.81807
NVNT	BLE 1M	2480	Ant1	0.8188



Spreading Bandwidth NVNT BLE 1M 2402MHz Ant1



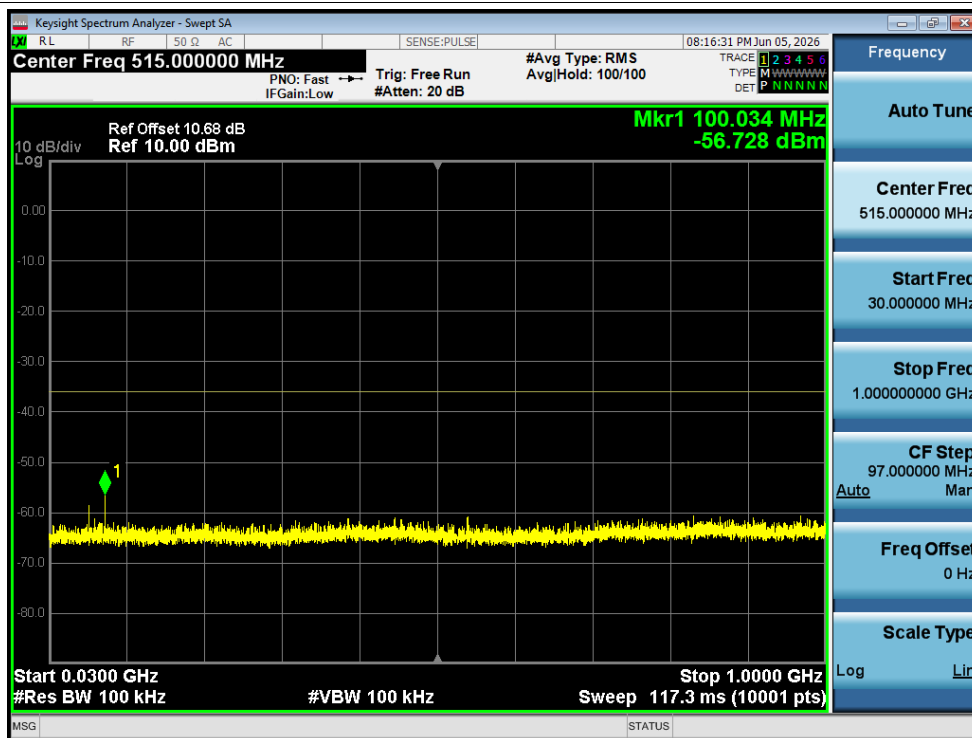
Spreading Bandwidth NVNT BLE 1M 2440MHz Ant1



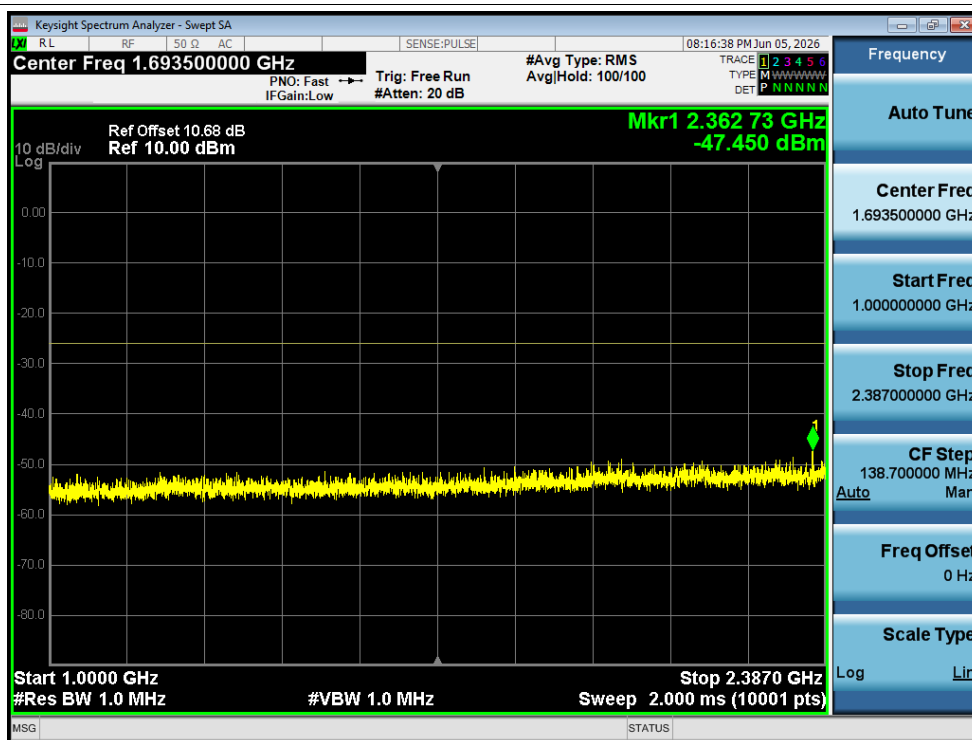
Spreading Bandwidth NVNT BLE 1M 2480MHz Ant1

Tx Spurious Emission

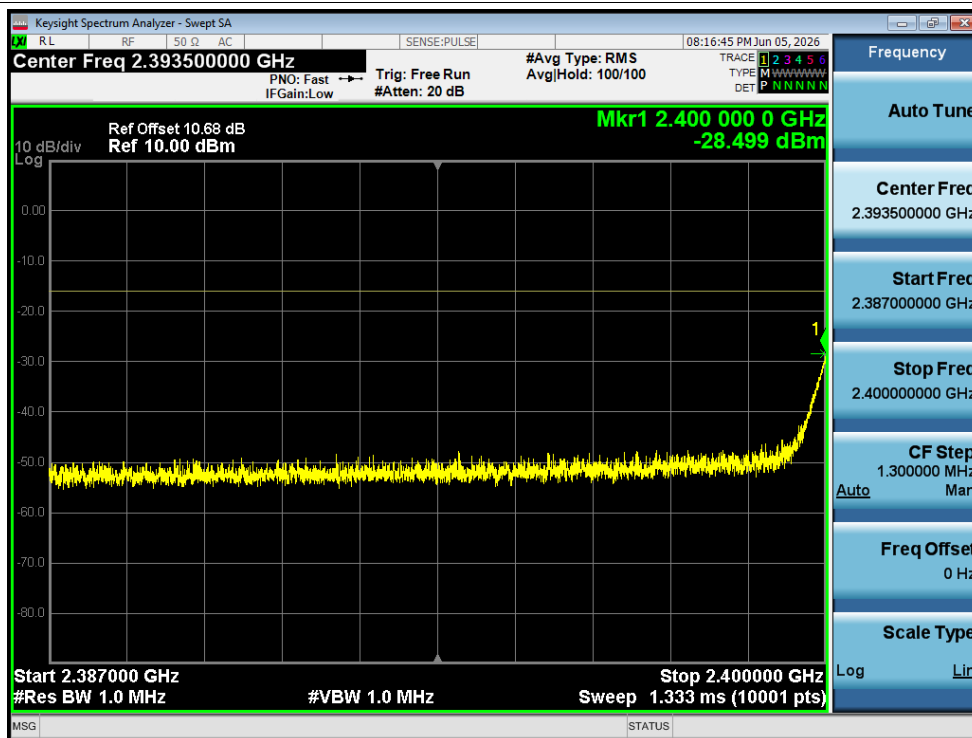
Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Emission Frequency (MHz)	Max Peak Value (dBm)	Max RMS Value (dBm)	Max Peak Value (uW)	Max RMS Value (uW)	Limit Start(uW)	Limit Stop (uW)	Verdict
NVNT	BLE 1M	2402	Ant1	30-1000	100.03	-56.73	NA	0.0021	NA	0.25	0.25	Pass
NVNT	BLE 1M	2402	Ant1	1000-2387	2362.73	-47.45	NA	0.018	NA	2.5	2.5	Pass
NVNT	BLE 1M	2402	Ant1	2387-2400	2400.00	-28.50	NA	1.4125	NA	25	25	Pass
NVNT	BLE 1M	2402	Ant1	2483.5-2496.5	2489.73	-49.22	NA	0.012	NA	25	25	Pass
NVNT	BLE 1M	2402	Ant1	2496.5-13000	12779.43	-46.40	NA	0.0229	NA	2.5	2.5	Pass
NVNT	BLE 1M	2440	Ant1	30-1000	100.03	-56.39	NA	0.0023	NA	0.25	0.25	Pass
NVNT	BLE 1M	2440	Ant1	1000-2387	2012.65	-49.07	NA	0.0124	NA	2.5	2.5	Pass
NVNT	BLE 1M	2440	Ant1	2387-2400	2399.27	-48.18	NA	0.0152	NA	25	25	Pass
NVNT	BLE 1M	2440	Ant1	2483.5-2496.5	2492.01	-49.41	NA	0.0115	NA	25	25	Pass
NVNT	BLE 1M	2440	Ant1	2496.5-13000	12716.41	-45.61	NA	0.0275	NA	2.5	2.5	Pass
NVNT	BLE 1M	2480	Ant1	30-1000	100.03	-56.76	NA	0.0021	NA	0.25	0.25	Pass
NVNT	BLE 1M	2480	Ant1	1000-2387	2229.30	-49.00	NA	0.0126	NA	2.5	2.5	Pass
NVNT	BLE 1M	2480	Ant1	2387-2400	2395.36	-48.61	NA	0.0138	NA	25	25	Pass
NVNT	BLE 1M	2480	Ant1	2483.5-2496.5	2483.60	-47.73	NA	0.0169	NA	25	25	Pass
NVNT	BLE 1M	2480	Ant1	2496.5-13000	12743.71	-45.65	NA	0.0272	NA	2.5	2.5	Pass



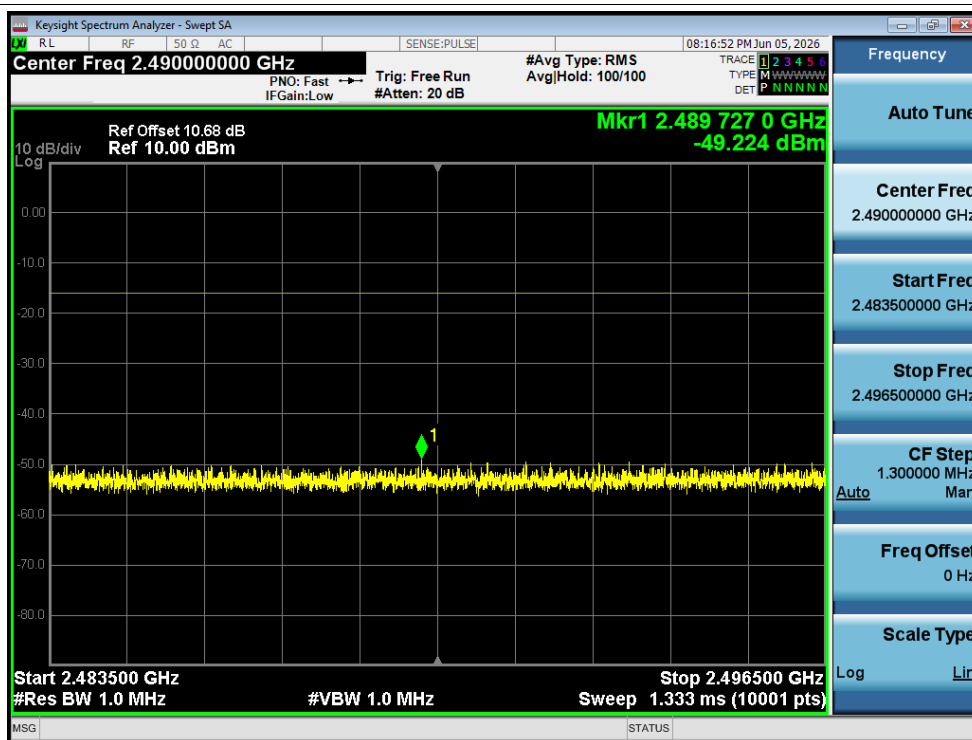
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 30MHz-1000MHz



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



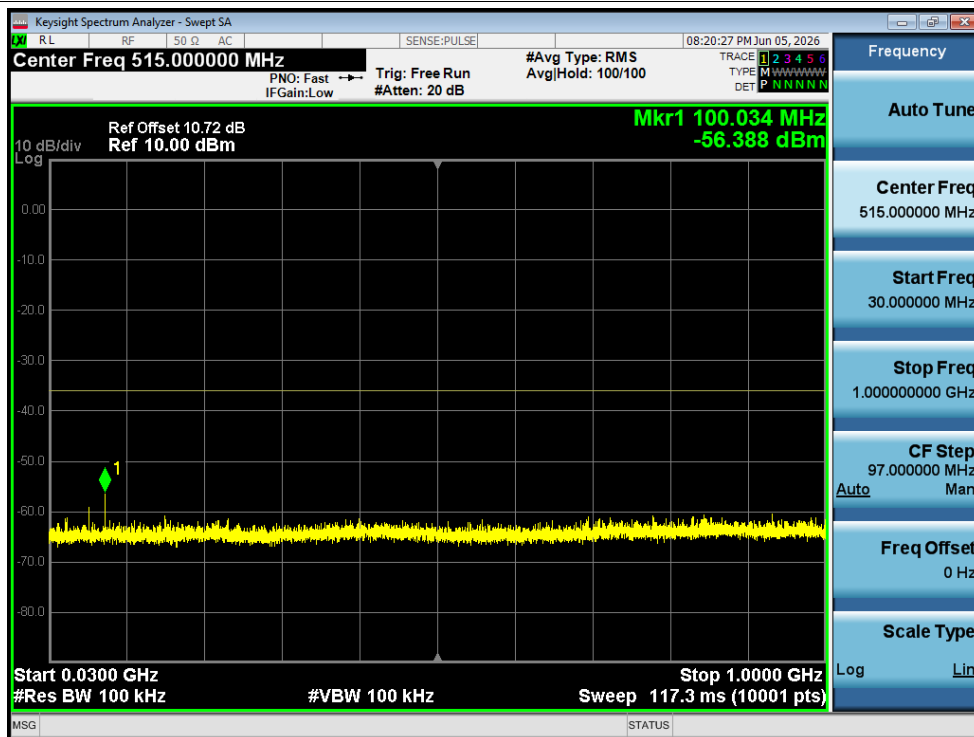
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 2387MHz-2400MHz



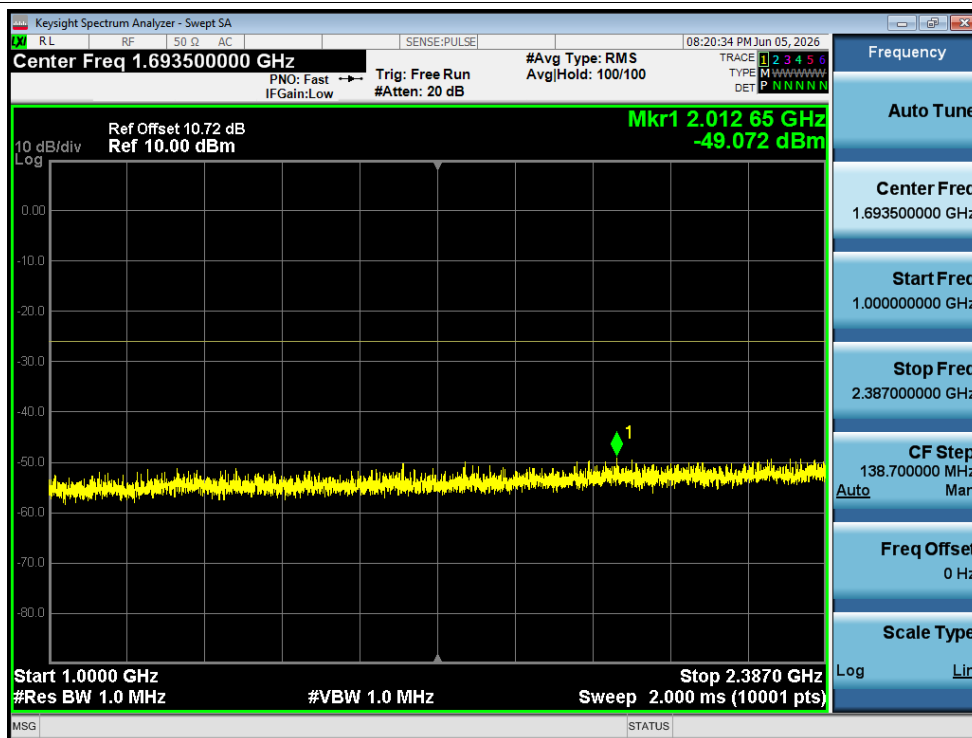
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 2483.5MHz-2496.5MHz



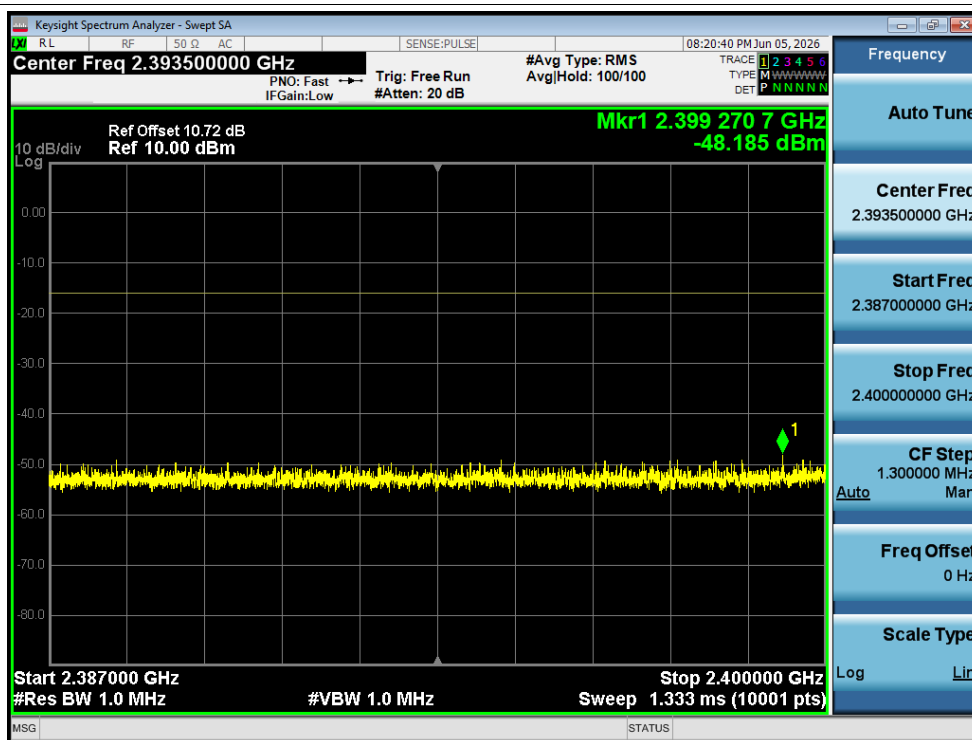
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 2496.5MHz-13000MHz



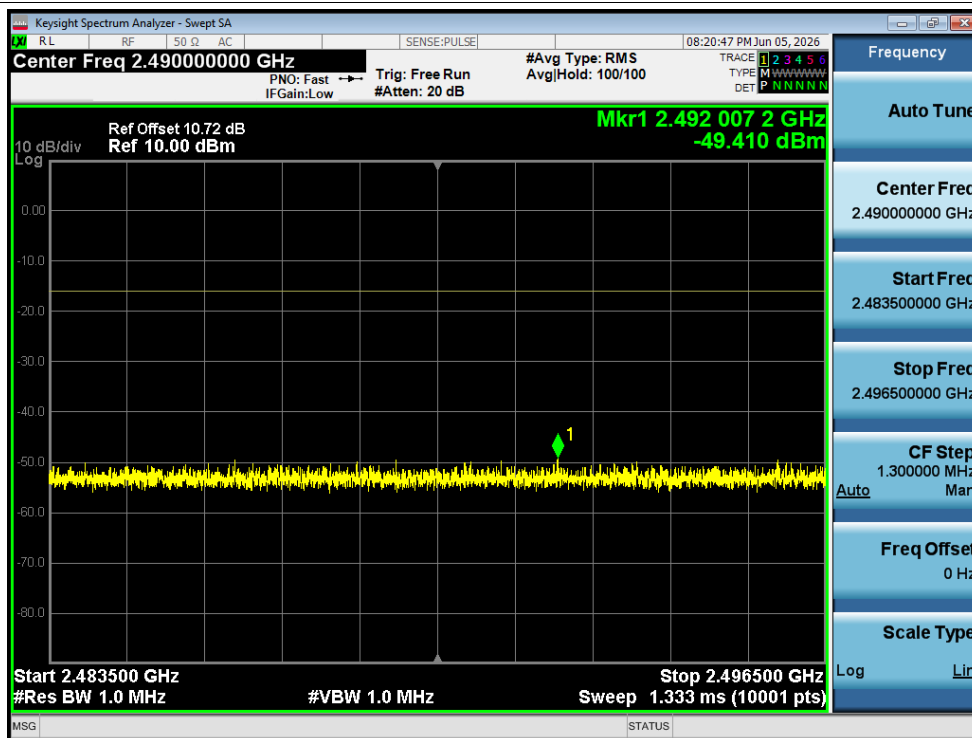
Tx. Spurious NVNT BLE 1M 2440MHz Ant1 @ 30MHz-1000MHz



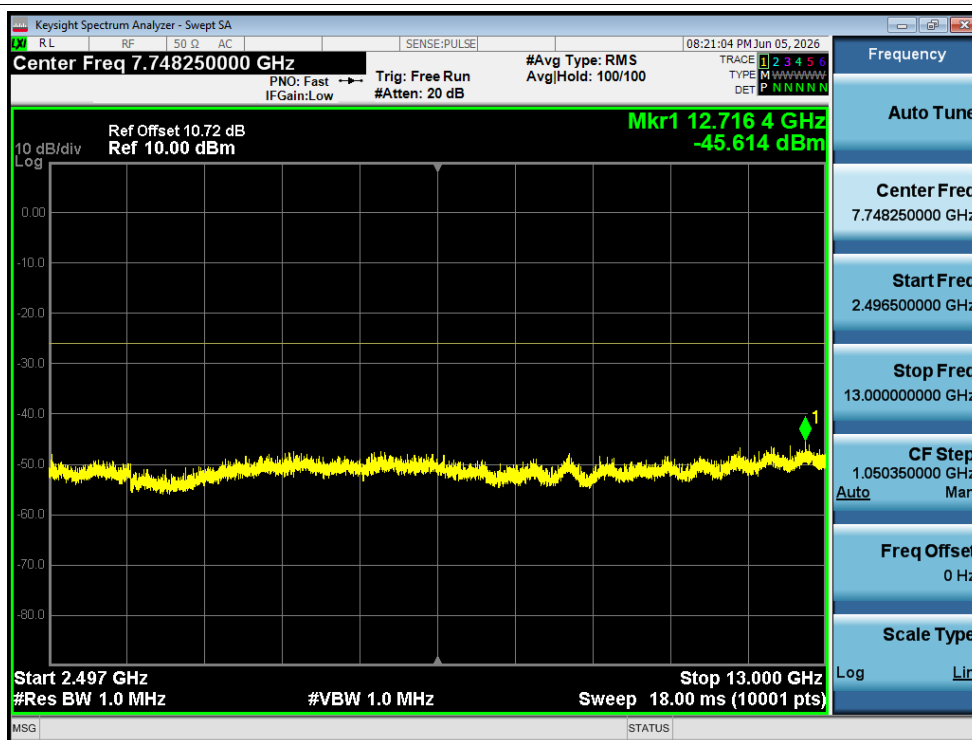
Tx. Spurious NVNT BLE 1M 2440MHz Ant1 @ 1000MHz-2387MHz



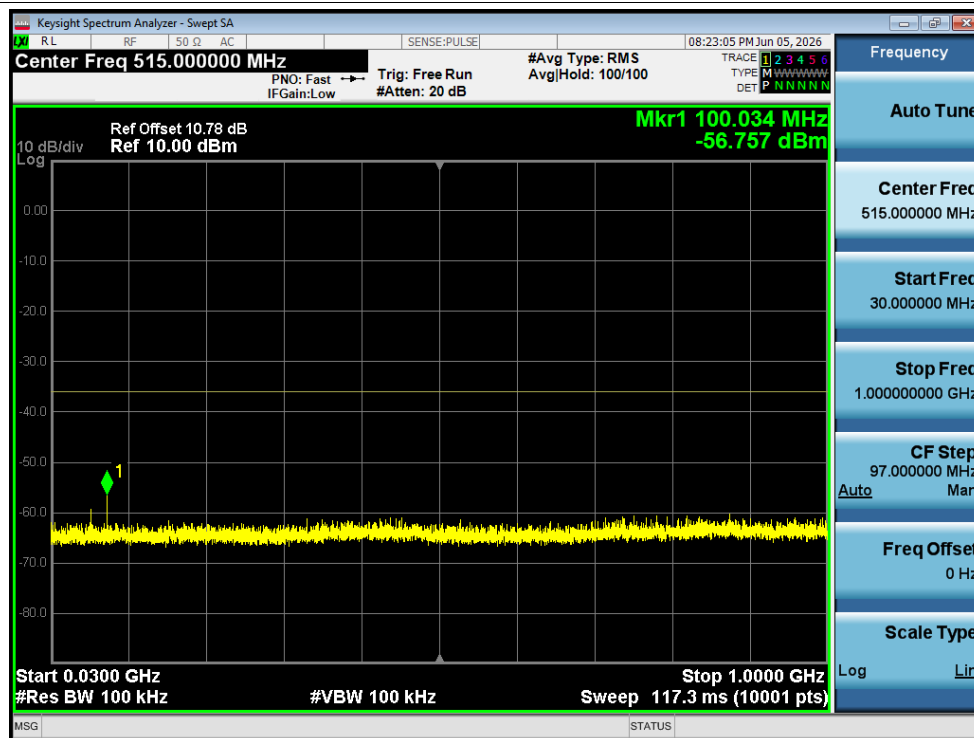
Tx. Spurious NVNT BLE 1M 2440MHz Ant1 @ 2387MHz-2400MHz



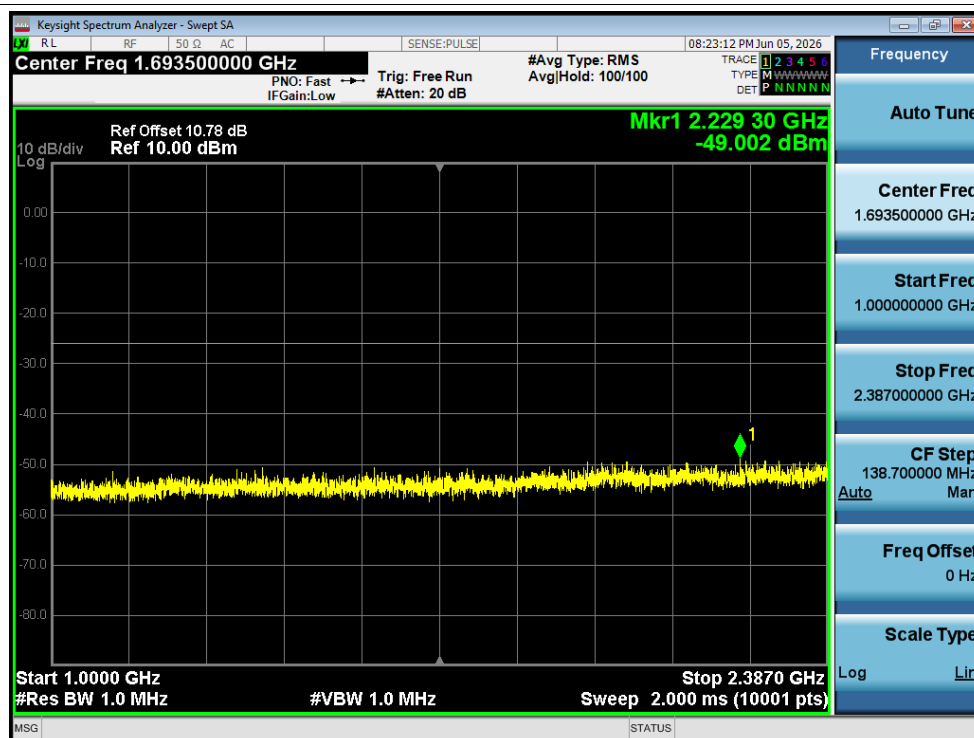
Tx. Spurious NVNT BLE 1M 2440MHz Ant1 @ 2483.5MHz-2496.5MHz



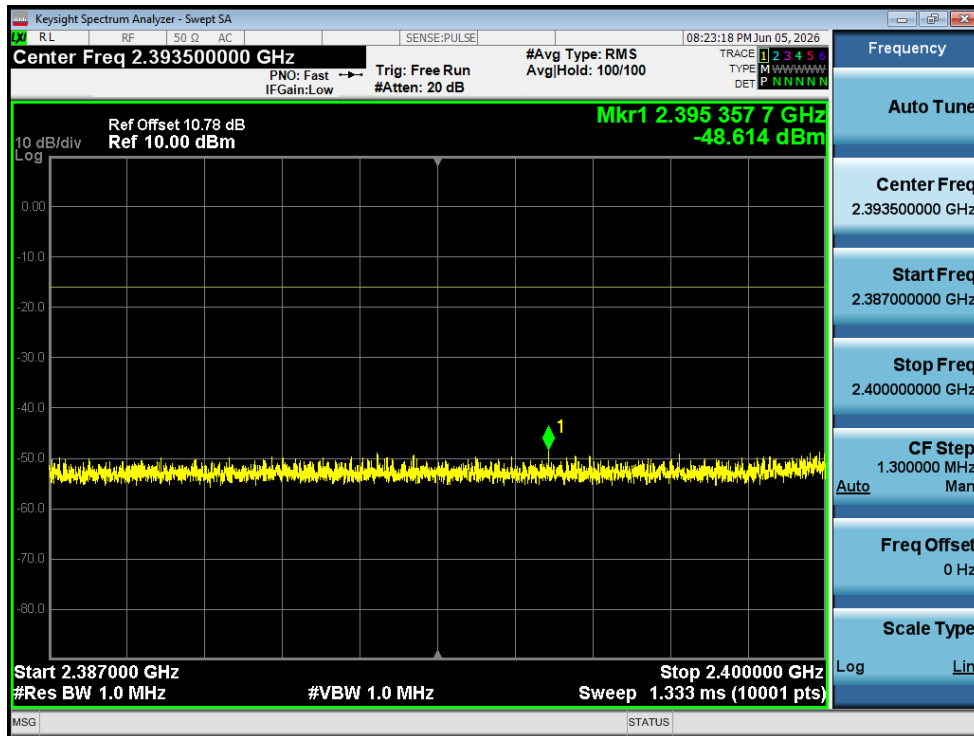
Tx. Spurious NVNT BLE 1M 2440MHz Ant1 @ 2496.5MHz-13000MHz



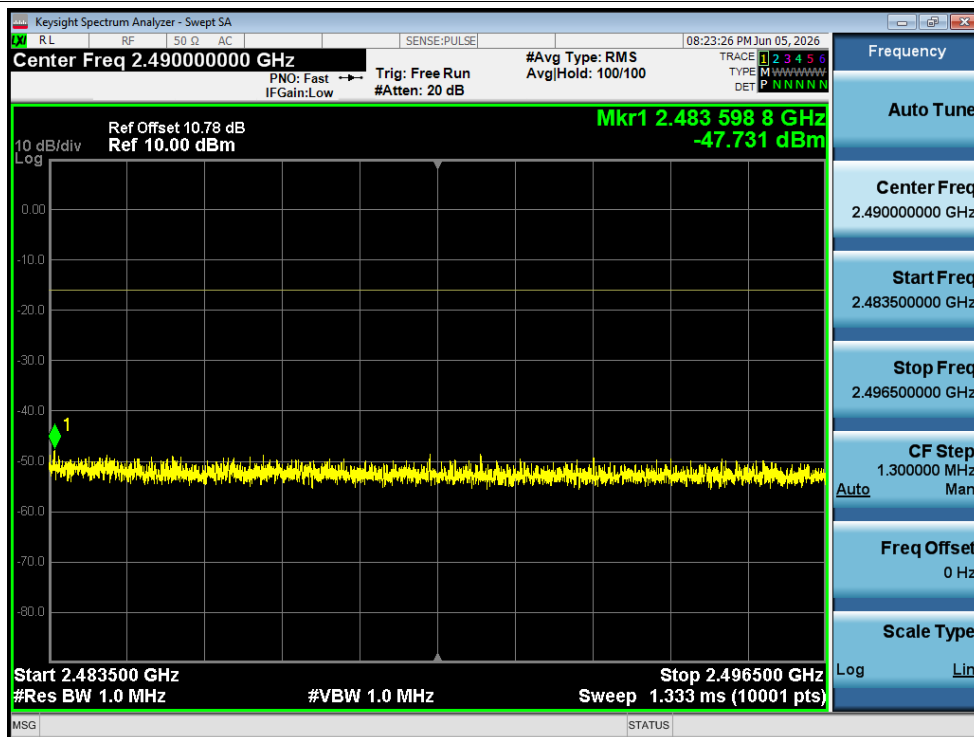
Tx. Spurious NVNT BLE 1M 2480MHz Ant1 @ 30MHz-1000MHz



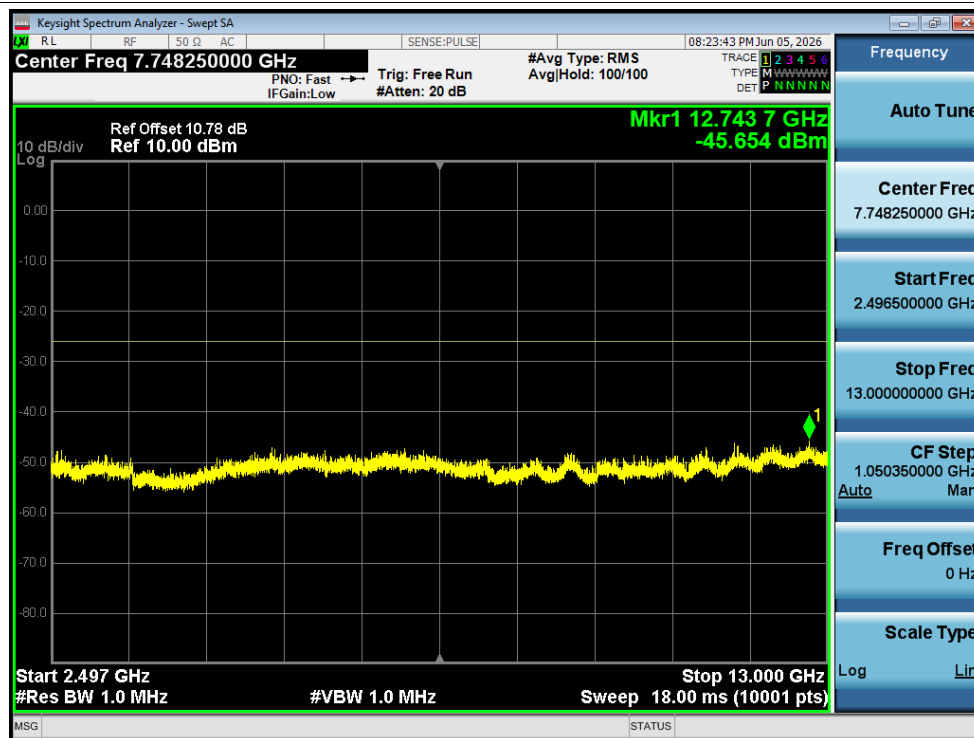
Tx. Spurious NVNT BLE 1M 2480MHz Ant1 @ 1000MHz-2387MHz



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



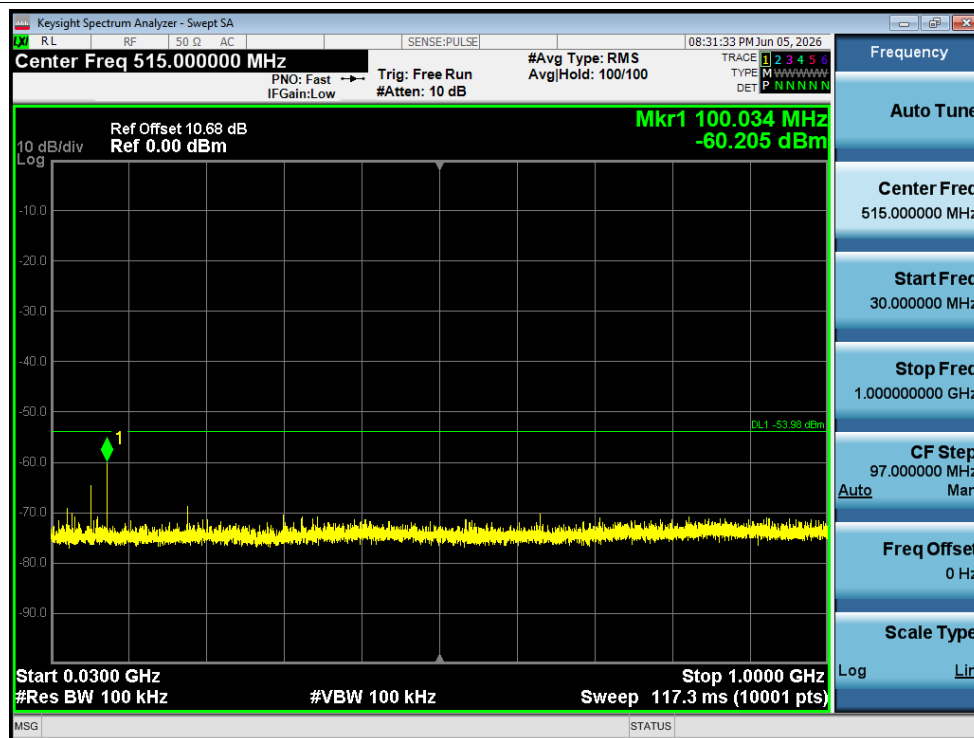
Tx. Spurious NVNT BLE 1M 2480MHz Ant1 @ 2483.5MHz-2496.5MHz



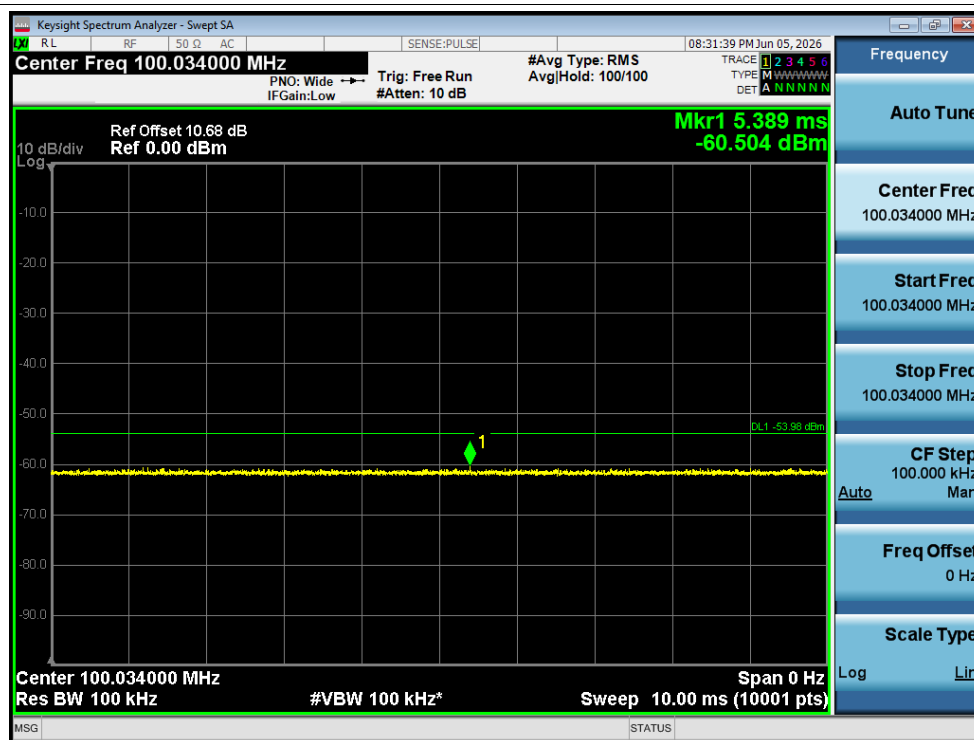
Tx. Spurious NVNT BLE 1M 2480MHz Ant1 @ 2496.5MHz-13000MHz

Rx Spurious Emission

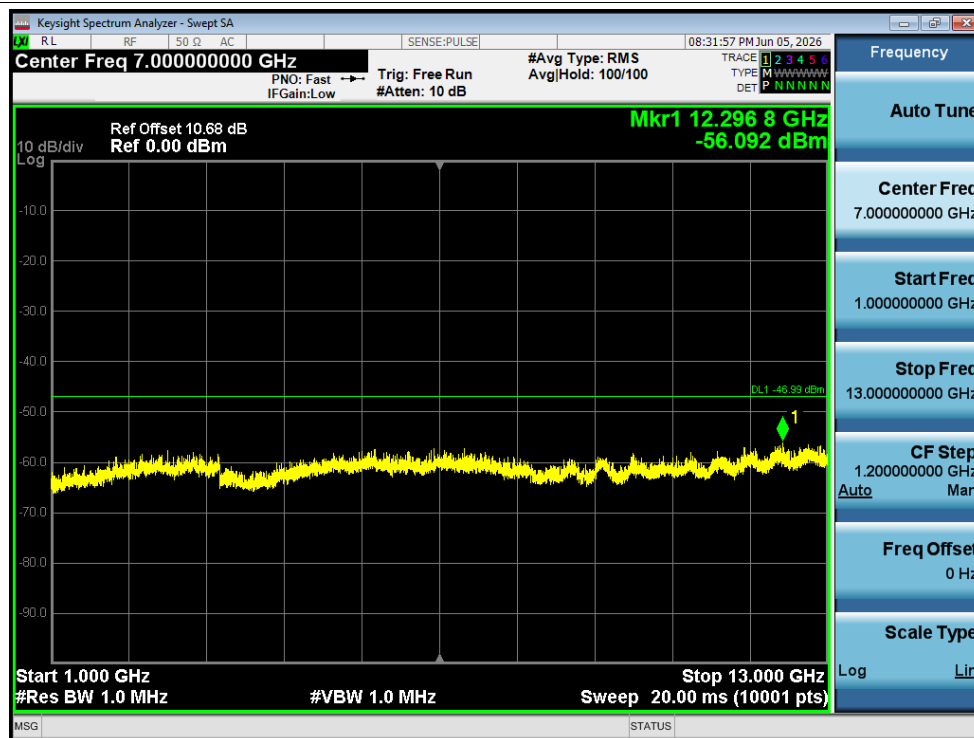
Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Emission Frequency (MHz)	Max Peak Value (dBm)	Max RMS Value (dBm)	Max Peak Value (nW)	Max RMS Value (nW)	Limit (nW)	Verdict
NVNT	BLE 1M	2402	Ant1	30-1000	100.03	-60.21	-60.5	0.9528	0.8913	4	Pass
NVNT	BLE 1M	2402	Ant1	1000-13000	12296.80	-56.09	-58.46	2.4604	1.4256	20	Pass
NVNT	BLE 1M	2440	Ant1	30-1000	100.03	-60.46	-60.58	0.8995	0.875	4	Pass
NVNT	BLE 1M	2440	Ant1	1000-13000	12666.40	-55.52	-58.43	2.8054	1.4355	20	Pass
NVNT	BLE 1M	2480	Ant1	30-1000	100.03	-60.18	-60.61	0.9594	0.869	4	Pass
NVNT	BLE 1M	2480	Ant1	1000-13000	12298.00	-55.82	-58.26	2.6182	1.4928	20	Pass



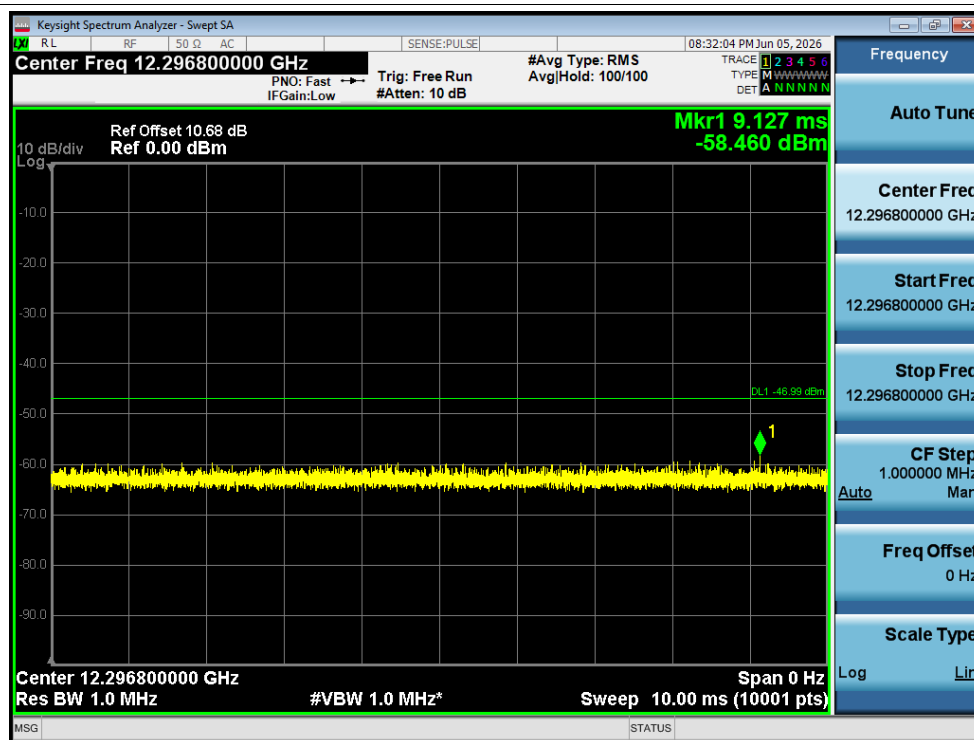
Rx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 30MHz-1000MHz



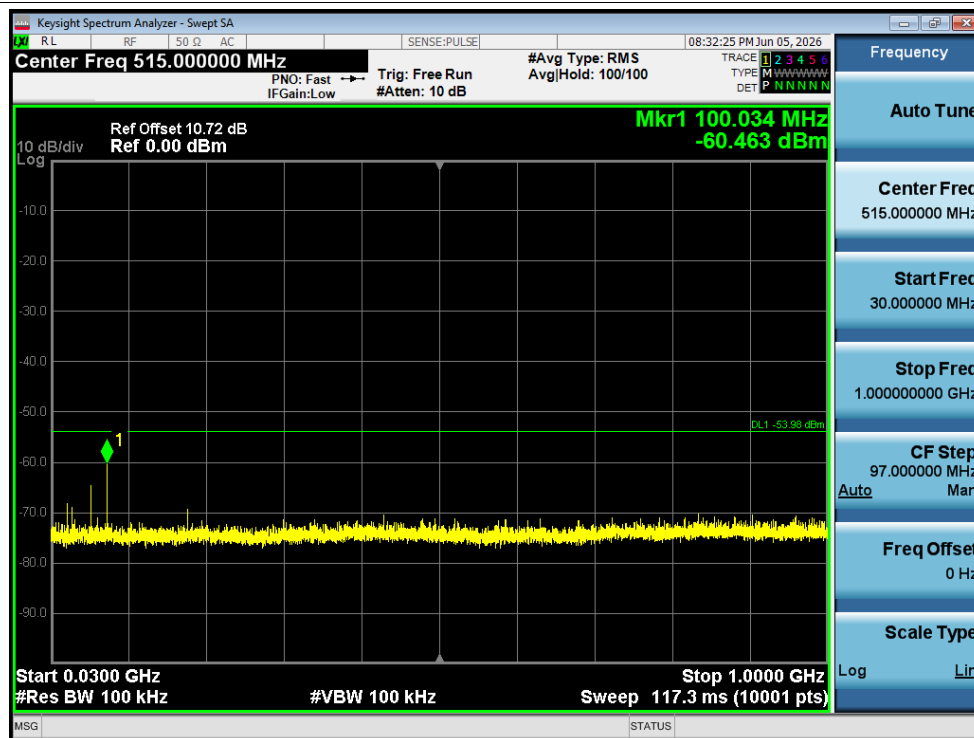
Rx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 30MHz-1000MHz Final



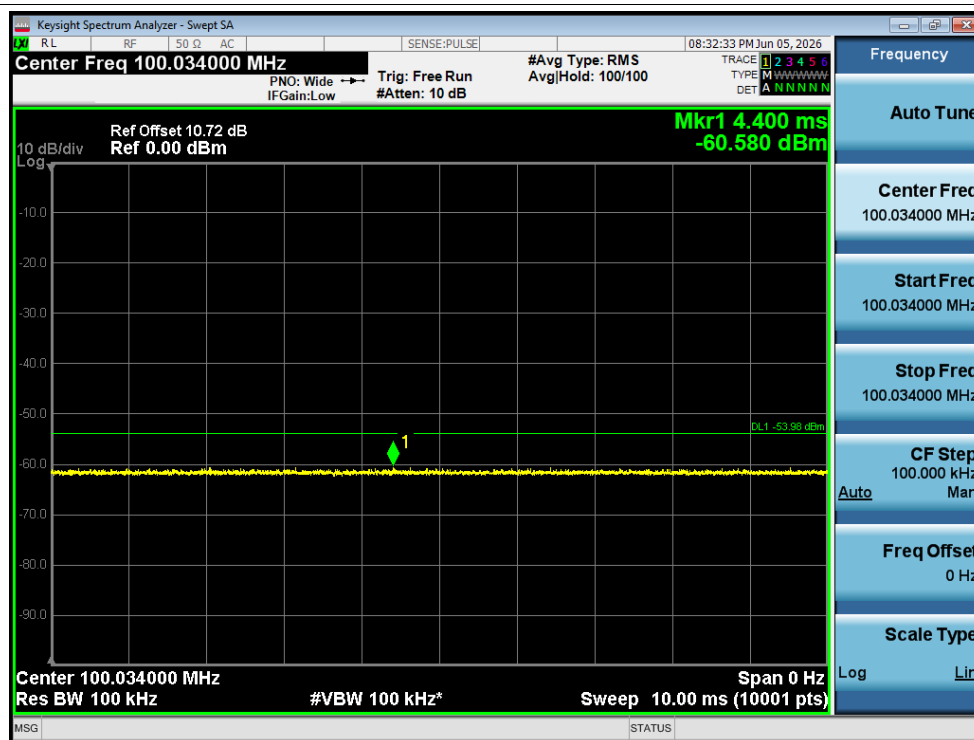
Rx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 1000MHz-13000MHz



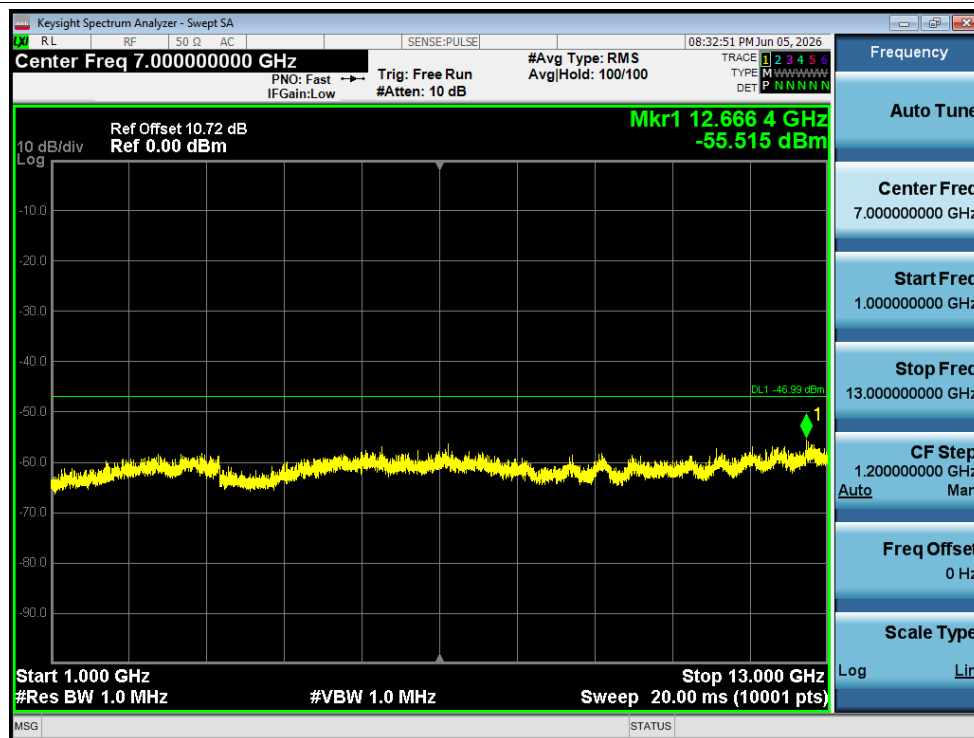
Rx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 1000MHz-13000MHz Final



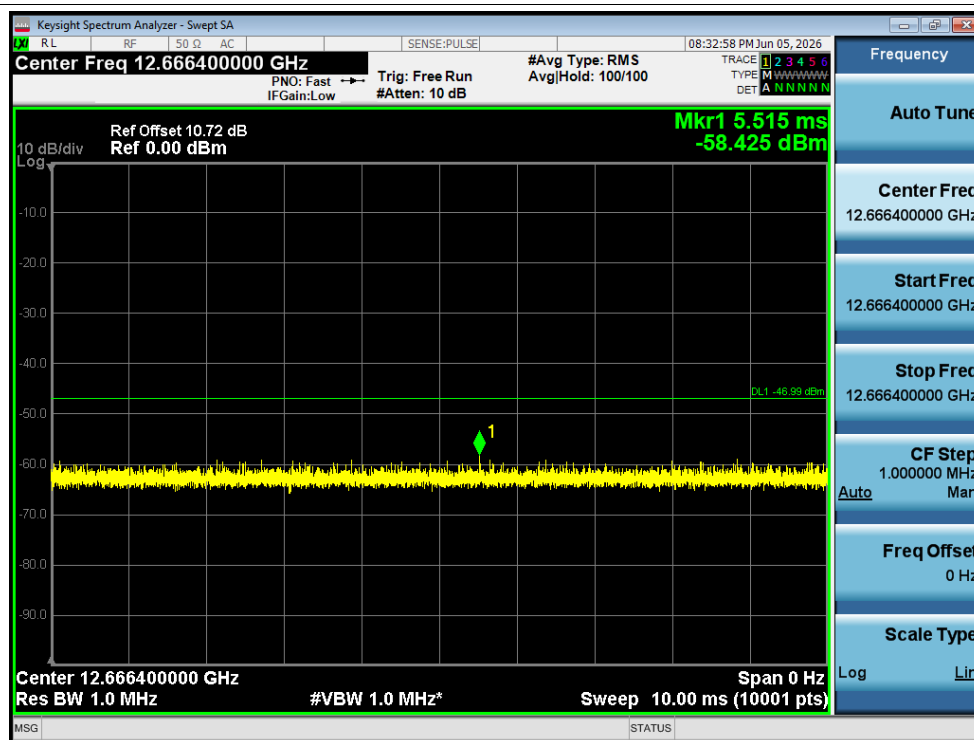
Rx. Spurious NVNT BLE 1M 2440MHz Ant1 @ 30MHz-1000MHz



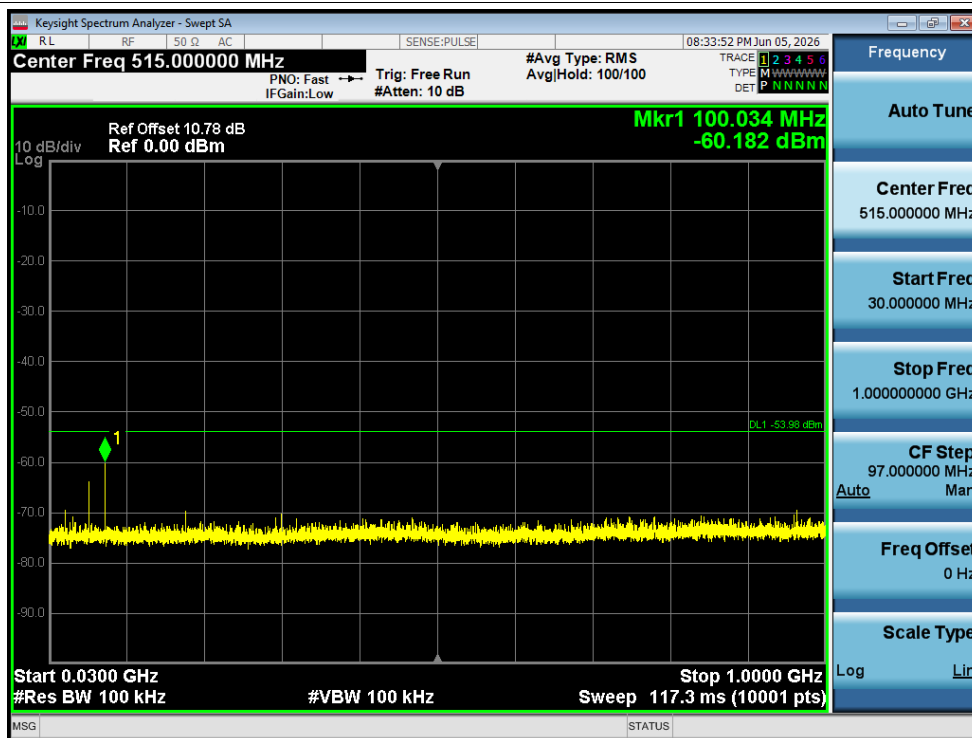
Rx. Spurious NVNT BLE 1M 2440MHz Ant1 @ 30MHz-1000MHz Final



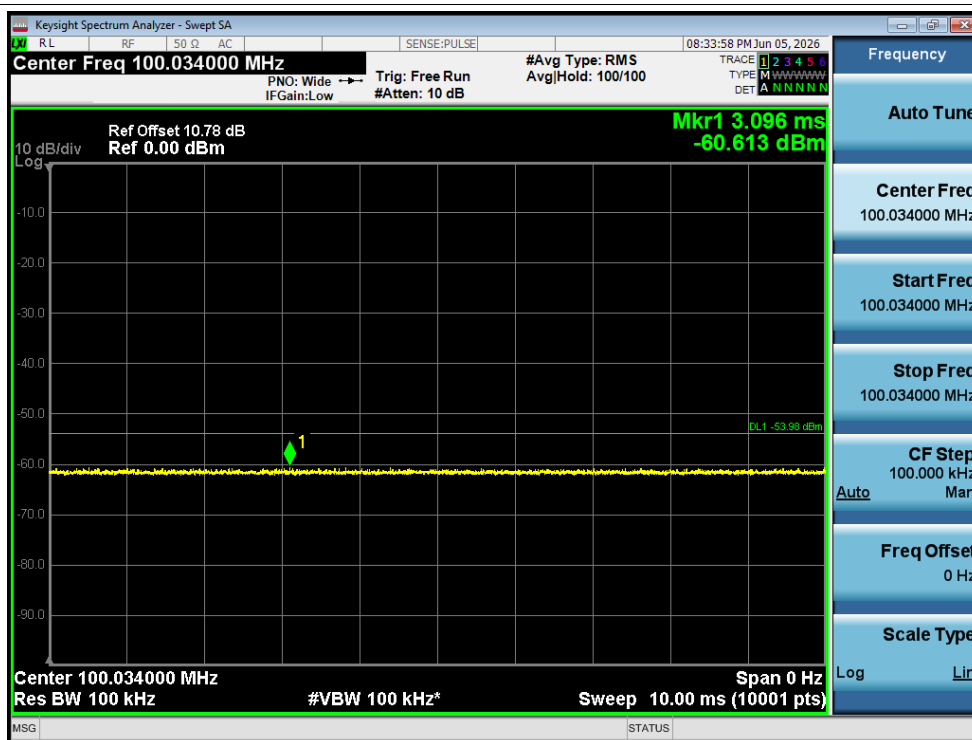
Rx. Spurious NVNT BLE 1M 2440MHz Ant1 @ 1000MHz-13000MHz



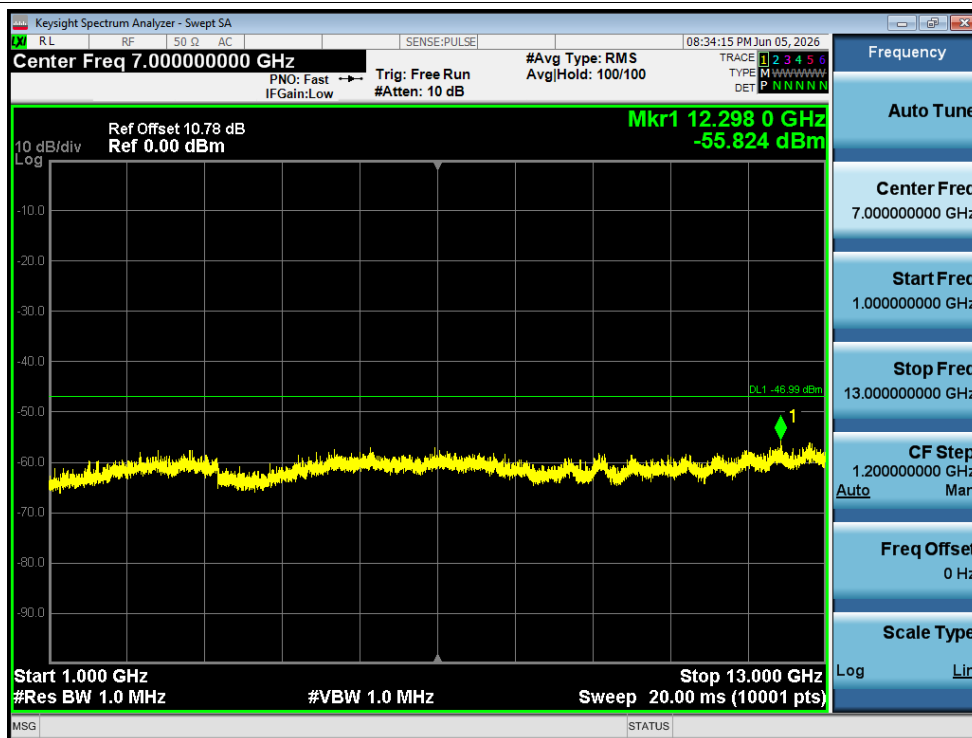
Rx. Spurious NVNT BLE 1M 2440MHz Ant1 @ 1000MHz-13000MHz Final



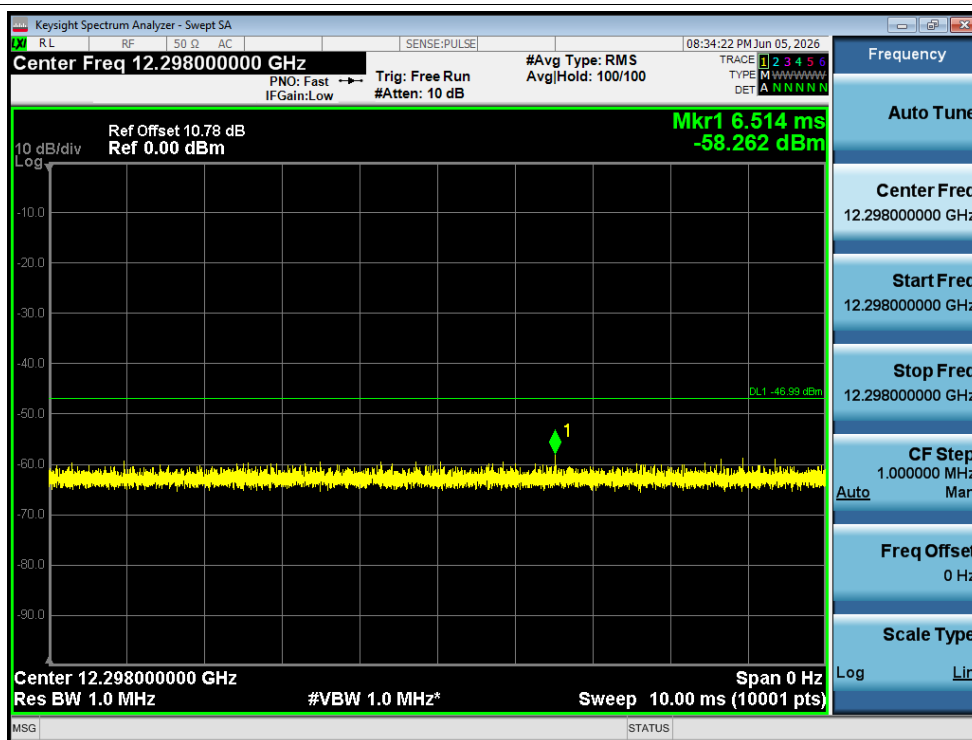
Rx. Spurious NVNT BLE 1M 2480MHz Ant1 @ 30MHz-1000MHz



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



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



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