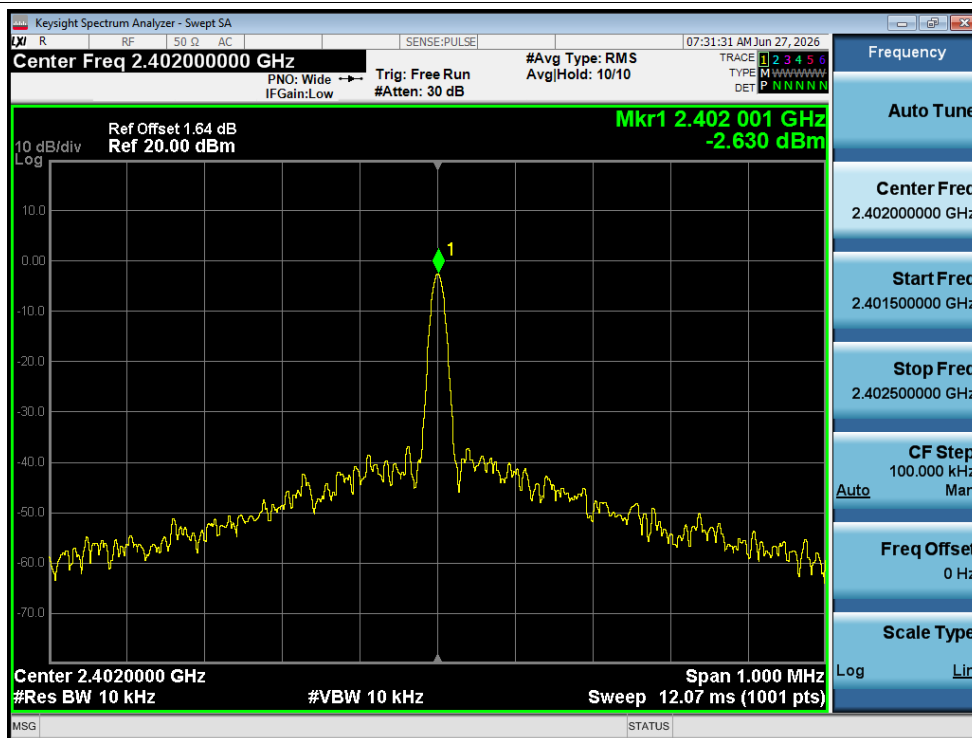
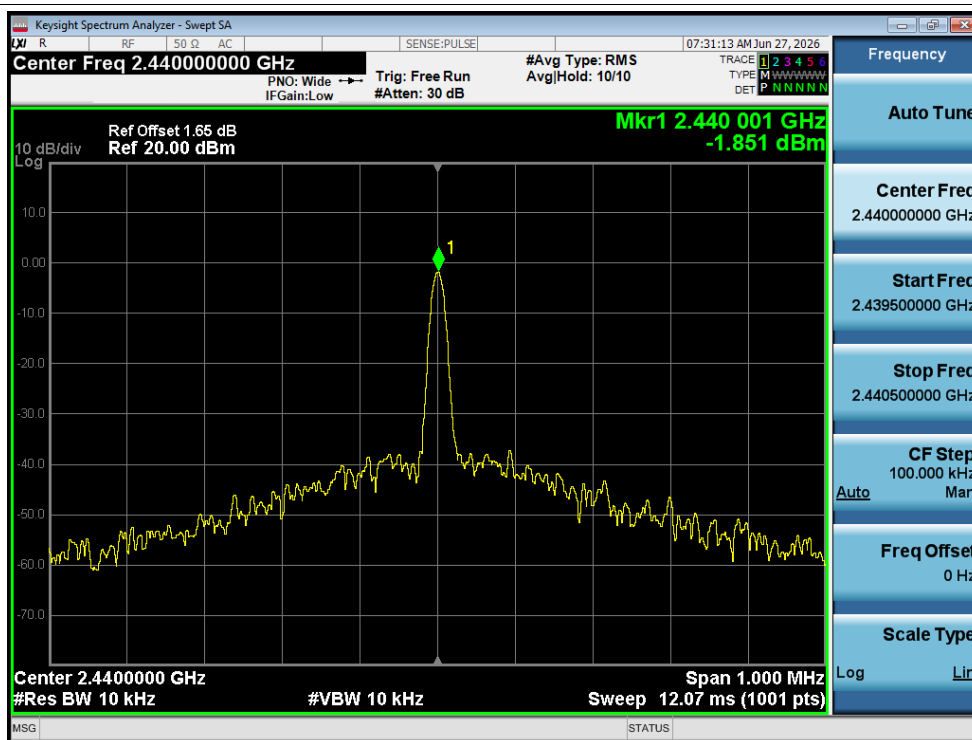


Frequency Error

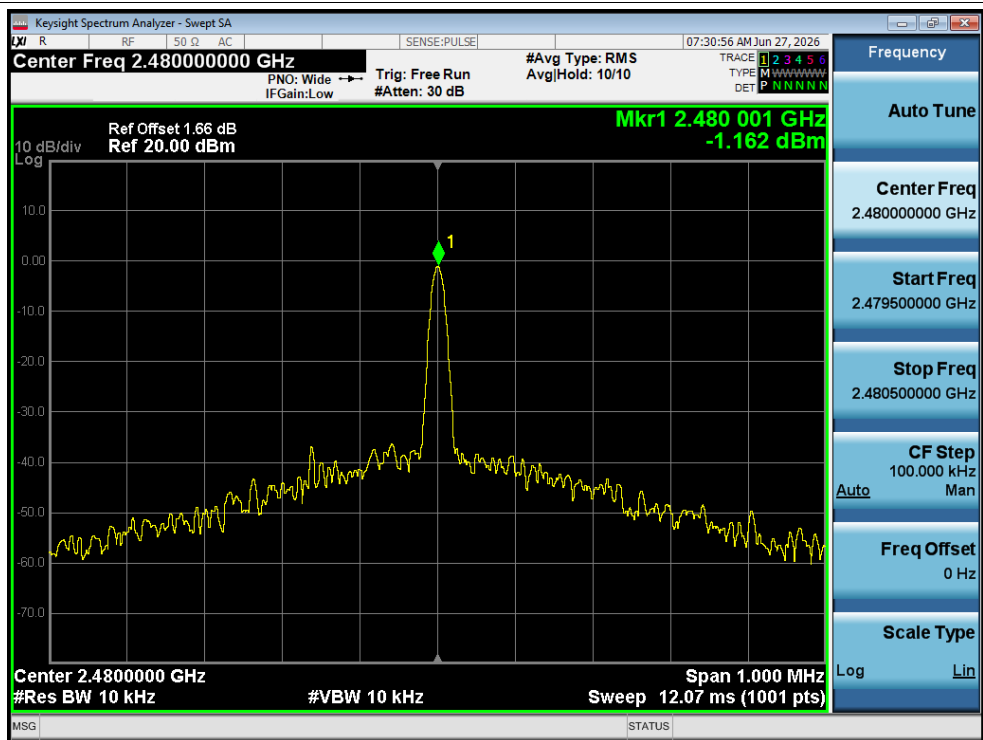
Condition	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	2402	Ant1	2402.001	1000	0.42	50	Pass
NVNT	2440	Ant1	2440.001	1000	0.41	50	Pass
NVNT	2480	Ant1	2480.001	1000	0.4	50	Pass



Freq. Error NVNT 2402MHz Ant1



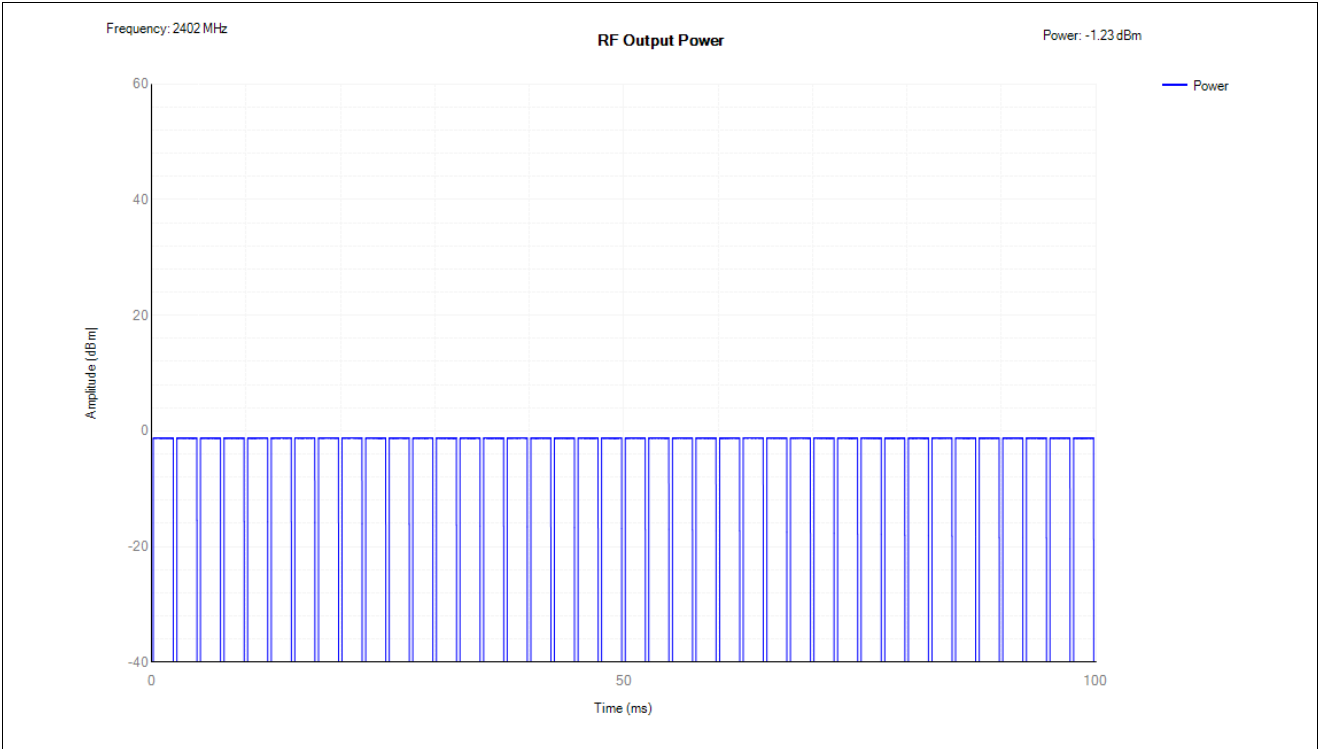
Freq. Error NVNT 2440MHz Ant1



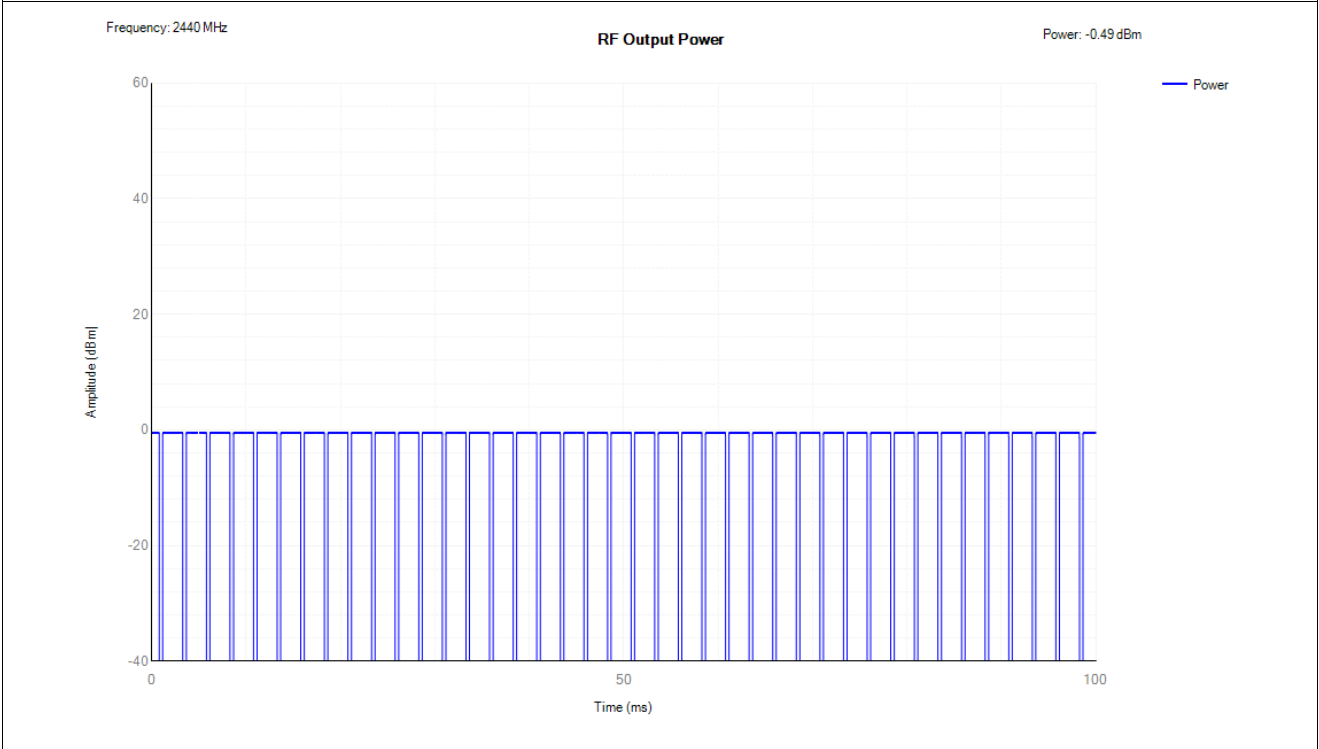
Freq. Error NVNT 2480MHz Ant1

Antenna Power

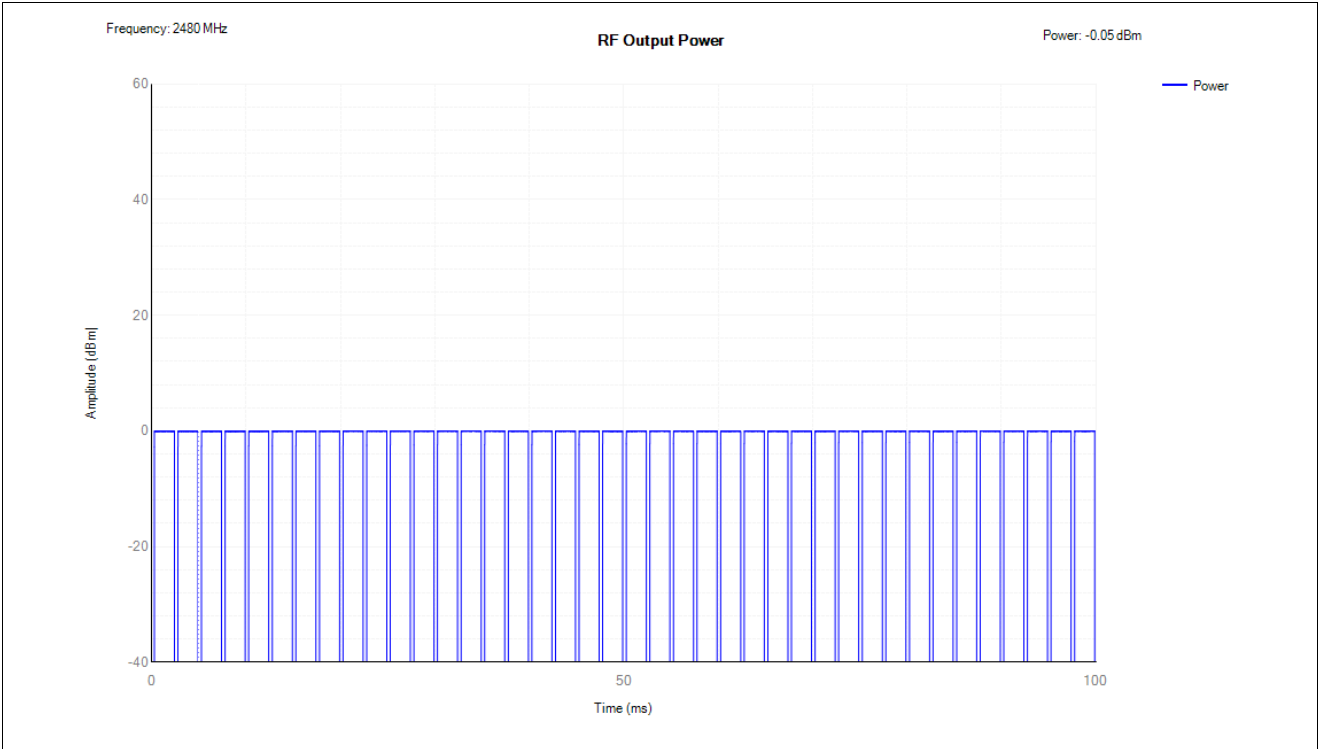
Condition	Mode	Frequency (MHz)	Antenna	Power (dBm)	Power (mW)	Limit (mW)	Declared Power (mW)	Tolerance (%)	Upper Limit (%)	Verdict
NVNT	BLE 1M	2402	Ant1	-1.23	0.753	10	1	-24.7	20	Pass
NVNT	BLE 1M	2440	Ant1	-0.49	0.893	10	1	-10.7	20	Pass
NVNT	BLE 1M	2480	Ant1	-0.05	0.989	10	1	-1.1	20	Pass
NVNT	BLE 2M	2402	Ant1	-1.22	0.755	10	1	-24.5	20	Pass
NVNT	BLE 2M	2440	Ant1	-0.46	0.899	10	1	-10.1	20	Pass
NVNT	BLE 2M	2480	Ant1	0	1	10	1	0	20	Pass



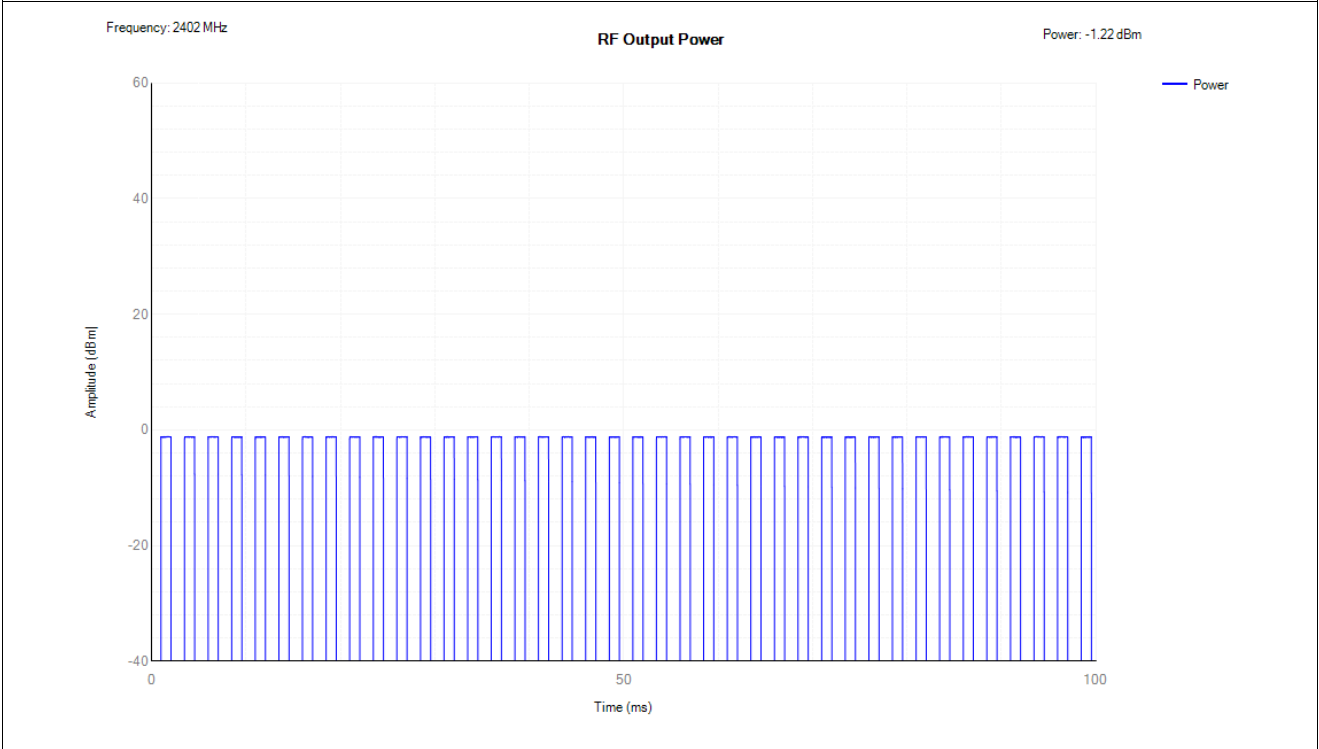
Power NVNT BLE 1M 2402MHz Ant1



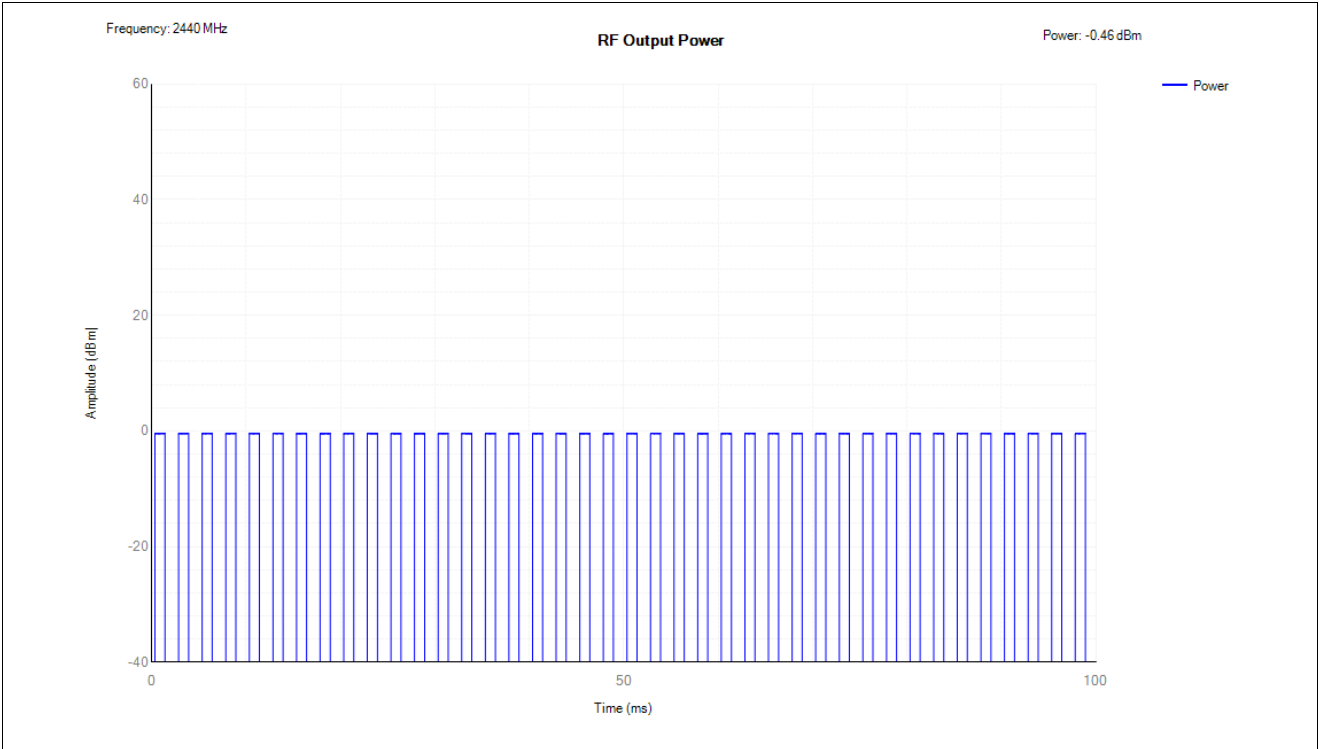
Power NVNT BLE 1M 2440MHz Ant1



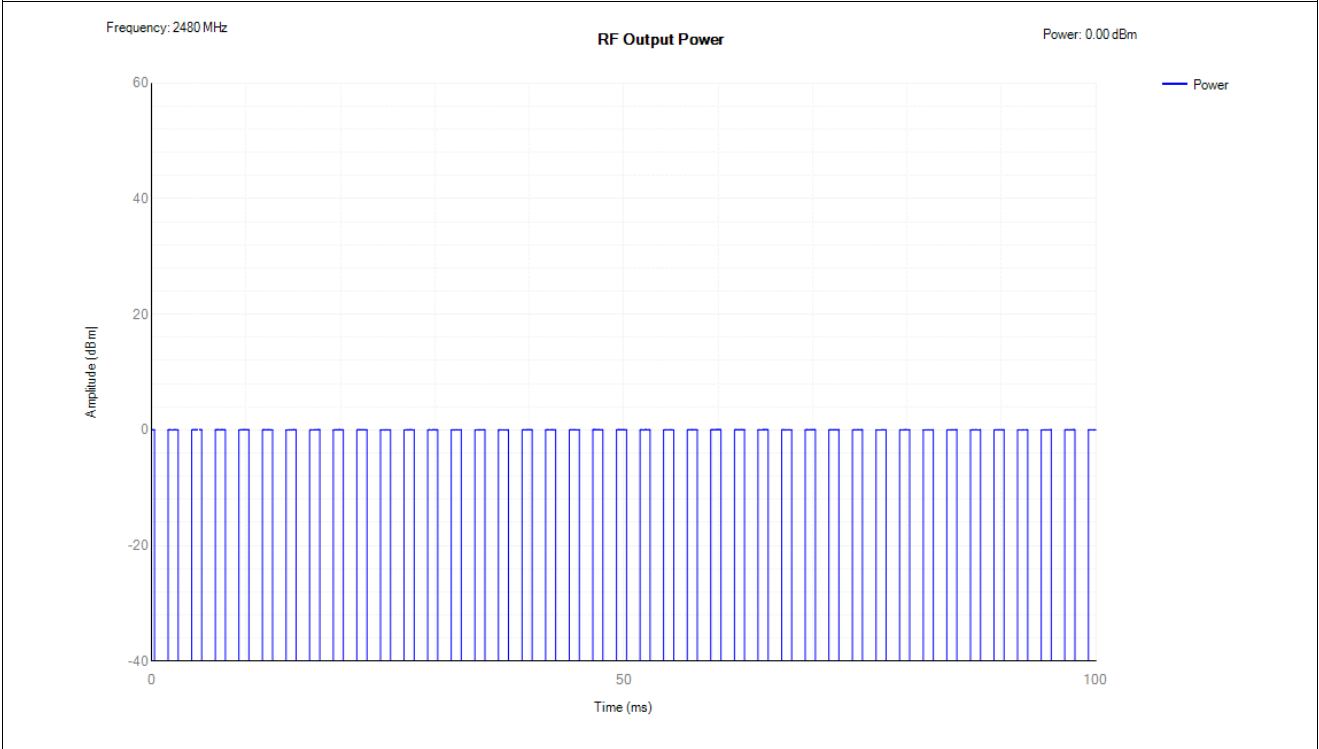
Power NVNT BLE 1M 2480MHz Ant1



Power NVNT BLE 2M 2402MHz Ant1



Power NVNT BLE 2M 2440MHz Ant1



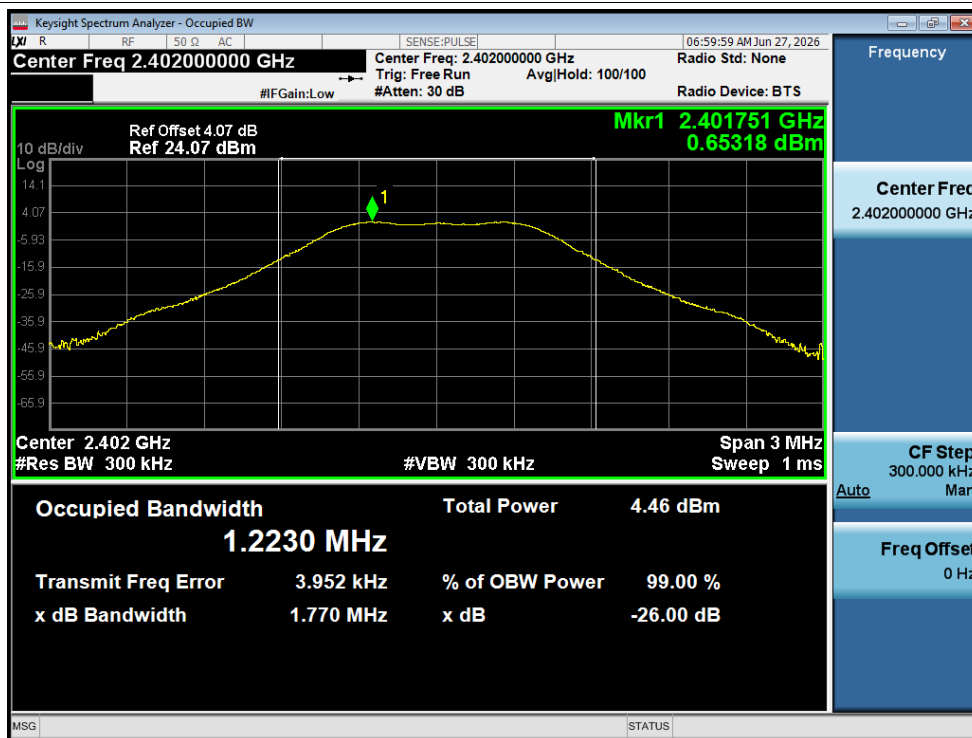
Power NVNT BLE 2M 2480MHz Ant1

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	0.753	-1.23	2.43	1.2	12.14	Pass
NVNT	BLE 1M	2440	Ant1	0.893	-0.49	2.43	1.94	12.14	Pass
NVNT	BLE 1M	2480	Ant1	0.989	-0.05	2.43	2.38	12.14	Pass
NVNT	BLE 2M	2402	Ant1	0.755	-1.22	2.43	1.21	12.14	Pass
NVNT	BLE 2M	2440	Ant1	0.899	-0.46	2.43	1.97	12.14	Pass
NVNT	BLE 2M	2480	Ant1	1	0	2.43	2.43	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	1.223	N/A	26	Pass
NVNT	BLE 1M	2440	Ant1	1.2243	N/A	26	Pass
NVNT	BLE 1M	2480	Ant1	1.224	N/A	26	Pass
NVNT	BLE 2M	2402	Ant1	2.1224	N/A	26	Pass
NVNT	BLE 2M	2440	Ant1	2.1159	N/A	26	Pass
NVNT	BLE 2M	2480	Ant1	2.118	N/A	26	Pass



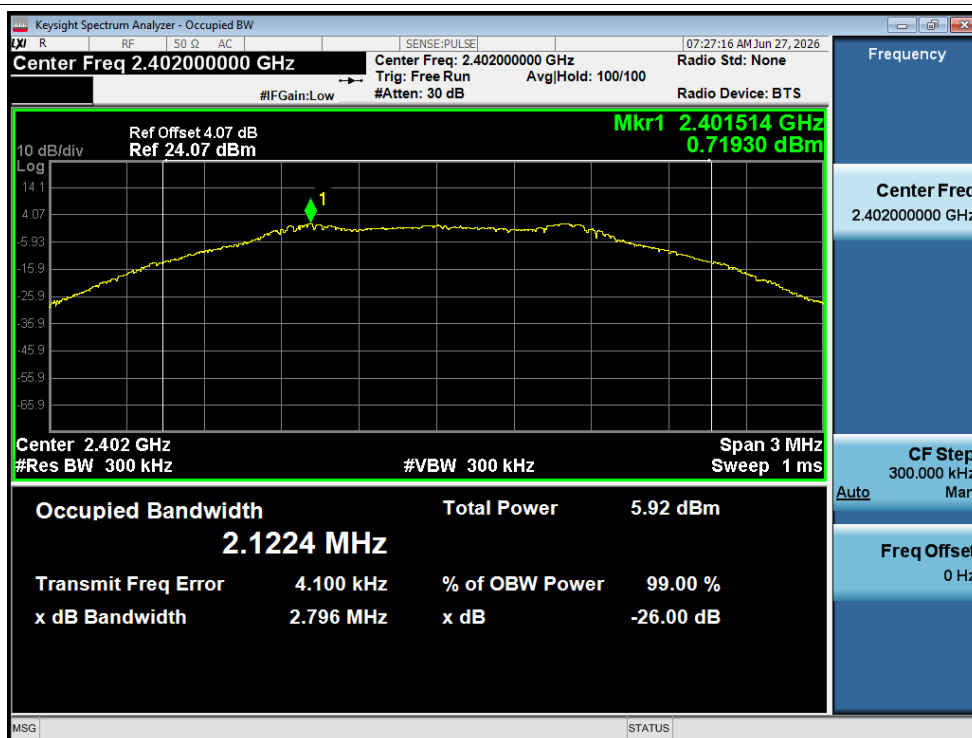
OBW NVNT BLE 1M 2402MHz Ant1



OBW NVNT BLE 1M 2440MHz Ant1



OBW NVNT BLE 1M 2480MHz Ant1



OBW NVNT BLE 2M 2402MHz Ant1



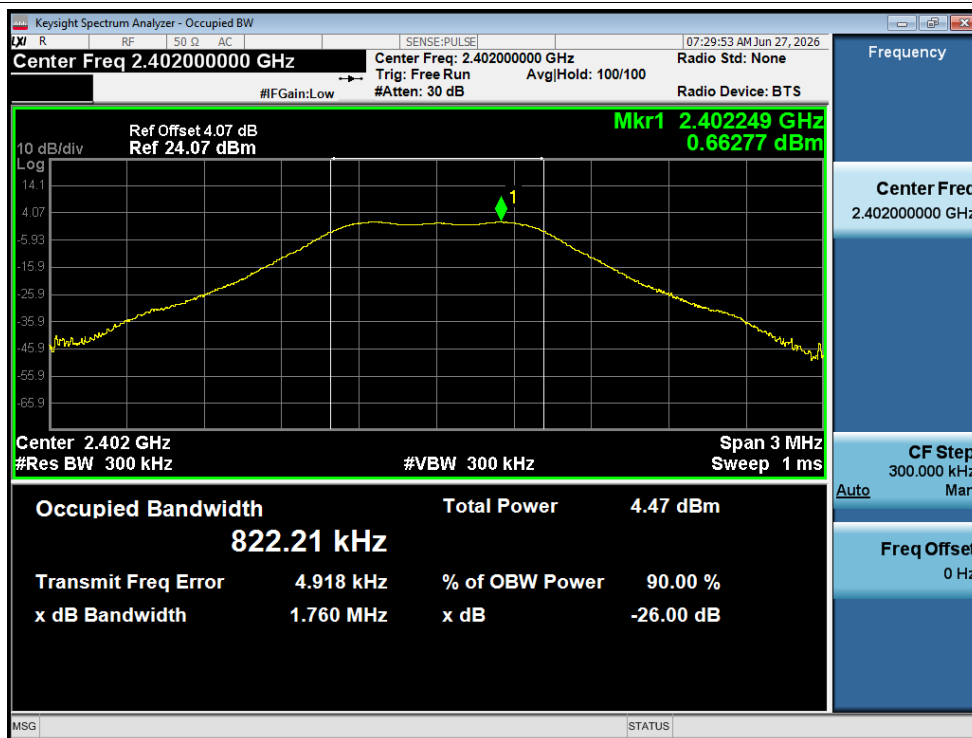
OBW NVNT BLE 2M 2440MHz Ant1



OBW NVNT BLE 2M 2480MHz Ant1

Spreading Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	90% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	0.82221
NVNT	BLE 1M	2440	Ant1	0.82166
NVNT	BLE 1M	2480	Ant1	0.82241
NVNT	BLE 2M	2402	Ant1	1.3691
NVNT	BLE 2M	2440	Ant1	1.368
NVNT	BLE 2M	2480	Ant1	1.3673



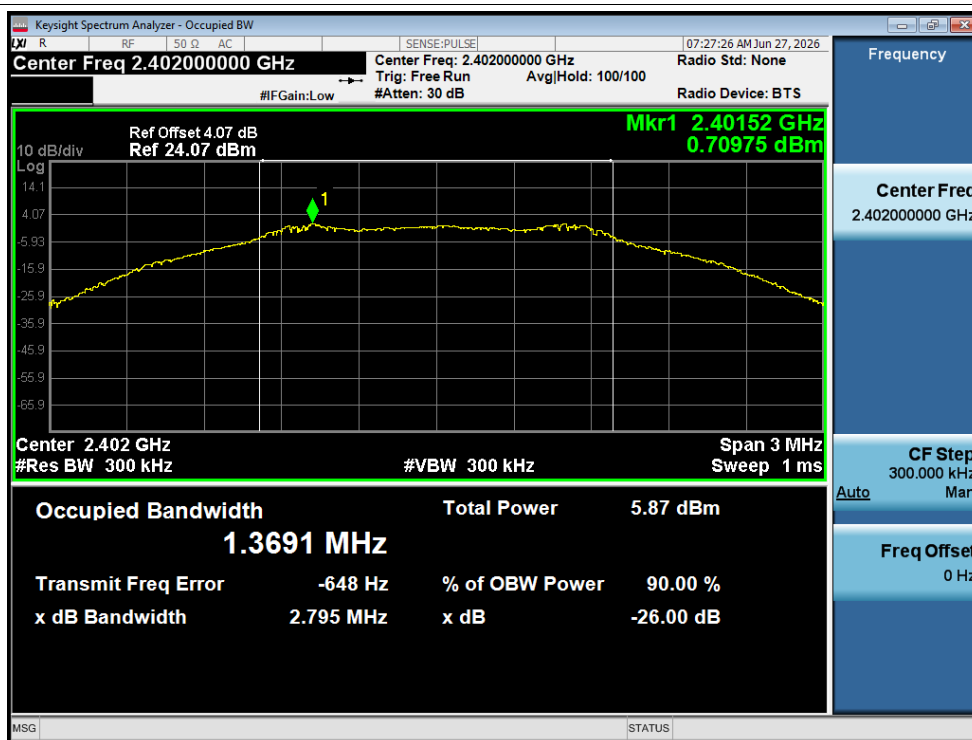
Spreading Bandwidth NVNT BLE 1M 2402MHz Ant1



Spreading Bandwidth NVNT BLE 1M 2440MHz Ant1



Spreading Bandwidth NVNT BLE 1M 2480MHz Ant1



Spreading Bandwidth NVNT BLE 2M 2402MHz Ant1



Spreading Bandwidth NVNT BLE 2M 2440MHz Ant1

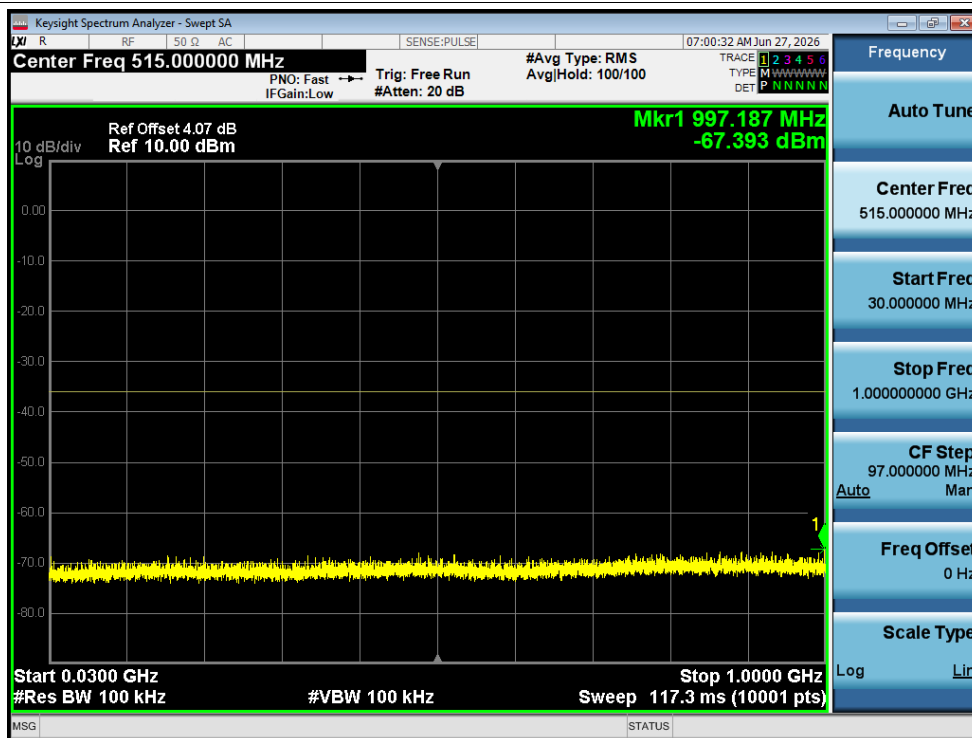


Spreading Bandwidth NVNT BLE 2M 2480MHz Ant1

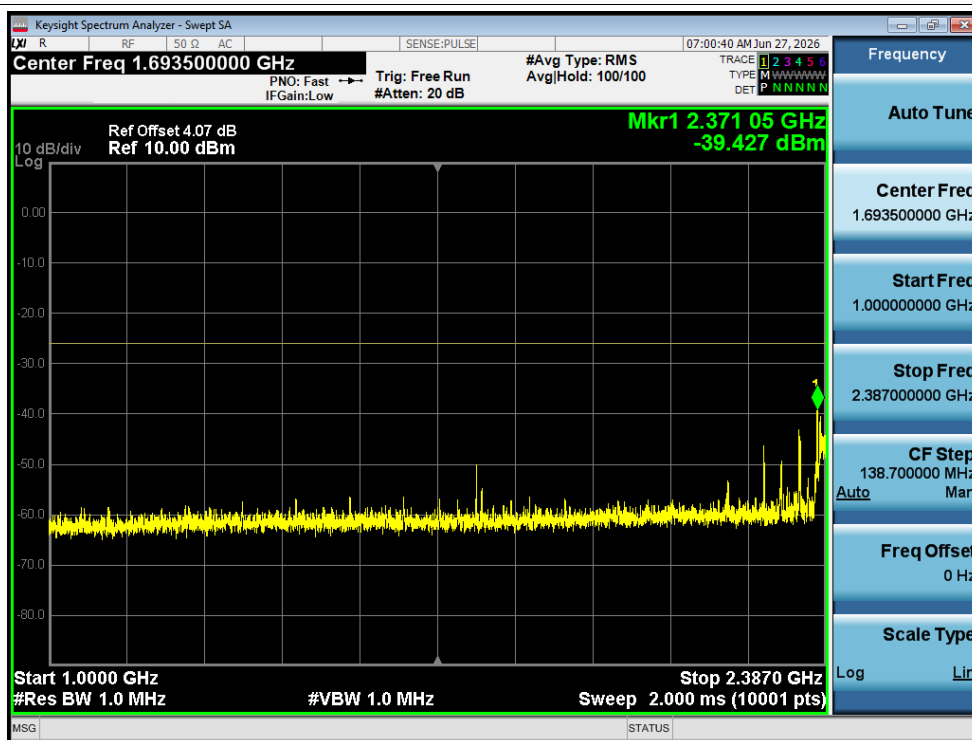
Tx Spurious Emission

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	997.19	-67.39	NA	0.0002	NA	0.25	0.25	Pass
NVNT	BLE 1M	2402	Ant1	1000-2387	2371.05	-39.43	NA	0.114	NA	2.5	2.5	Pass
NVNT	BLE 1M	2402	Ant1	2387-2400	2399.98	-35.09	NA	0.3097	NA	25	25	Pass
NVNT	BLE 1M	2402	Ant1	2483.5-2496.5	2483.70	-43.32	NA	0.0466	NA	25	25	Pass
NVNT	BLE 1M	2402	Ant1	2496.5-13000	4804.12	-39.73	NA	0.1064	NA	2.5	2.5	Pass
NVNT	BLE 1M	2440	Ant1	30-1000	792.71	-67.20	NA	0.0002	NA	0.25	0.25	Pass
NVNT	BLE 1M	2440	Ant1	1000-2387	2377.29	-42.67	NA	0.0541	NA	2.5	2.5	Pass
NVNT	BLE 1M	2440	Ant1	2387-2400	2395.09	-47.80	NA	0.0166	NA	25	25	Pass
NVNT	BLE 1M	2440	Ant1	2483.5-2496.5	2485.31	-45.00	NA	0.0316	NA	25	25	Pass
NVNT	BLE 1M	2440	Ant1	2496.5-13000	2504.90	-37.77	NA	0.1671	NA	2.5	2.5	Pass
NVNT	BLE 1M	2480	Ant1	30-1000	918.62	-67.02	NA	0.0002	NA	0.25	0.25	Pass
NVNT	BLE 1M	2480	Ant1	1000-2387	2384.92	-47.19	NA	0.0191	NA	2.5	2.5	Pass
NVNT	BLE 1M	2480	Ant1	2387-2400	2398.87	-45.93	NA	0.0255	NA	25	25	Pass
NVNT	BLE 1M	2480	Ant1	2483.5-2496.5	2489.23	-35.71	NA	0.2685	NA	25	25	Pass
NVNT	BLE 1M	2480	Ant1	2496.5-13000	2513.31	-33.94	NA	0.4036	NA	2.5	2.5	Pass
NVNT	BLE 2M	2402	Ant1	30-1000	923.27	-66.90	NA	0.0002	NA	0.25	0.25	Pass
NVNT	BLE 2M	2402	Ant1	1000-2387	2371.19	-39.70	NA	0.1072	NA	2.5	2.5	Pass
NVNT	BLE 2M	2402	Ant1	2387-2400	2399.99	-21.87	NA	6.5013	NA	25	25	Pass
NVNT	BLE 2M	2402	Ant1	2483.5-2496.5	2484.21	-45.73	NA	0.0267	NA	25	25	Pass

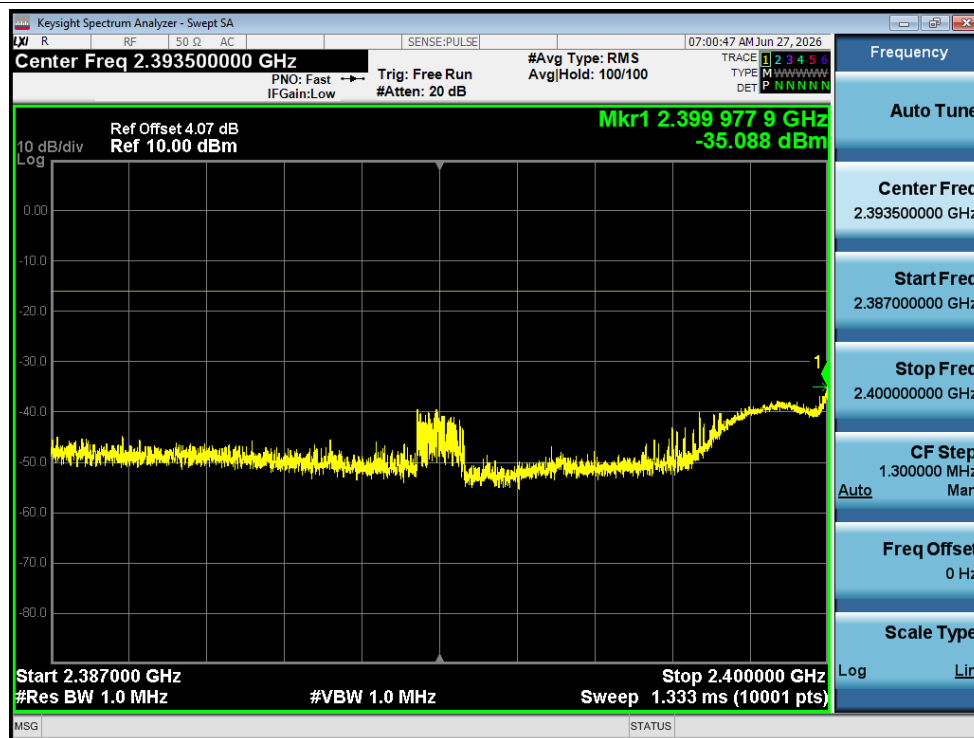
NVNT	BLE 2M	2402	Ant1	2496.5-13000	4804.12	-40.01	NA	0.0998	NA	2.5	2.5	Pass
NVNT	BLE 2M	2440	Ant1	30-1000	901.74	-67.37	NA	0.0002	NA	0.25	0.25	Pass
NVNT	BLE 2M	2440	Ant1	1000-2387	2377.15	-41.86	NA	0.0652	NA	2.5	2.5	Pass
NVNT	BLE 2M	2440	Ant1	2387-2400	2394.68	-48.79	NA	0.0132	NA	25	25	Pass
NVNT	BLE 2M	2440	Ant1	2483.5-2496.5	2484.61	-44.79	NA	0.0332	NA	25	25	Pass
NVNT	BLE 2M	2440	Ant1	2496.5-13000	2504.90	-37.39	NA	0.1824	NA	2.5	2.5	Pass
NVNT	BLE 2M	2480	Ant1	30-1000	942.29	-67.31	NA	0.0002	NA	0.25	0.25	Pass
NVNT	BLE 2M	2480	Ant1	1000-2387	2352.88	-45.64	NA	0.0273	NA	2.5	2.5	Pass
NVNT	BLE 2M	2480	Ant1	2387-2400	2399.69	-46.40	NA	0.0229	NA	25	25	Pass
NVNT	BLE 2M	2480	Ant1	2483.5-2496.5	2488.29	-35.53	NA	0.2799	NA	25	25	Pass
NVNT	BLE 2M	2480	Ant1	2496.5-13000	2513.31	-35.18	NA	0.3034	NA	2.5	2.5	Pass



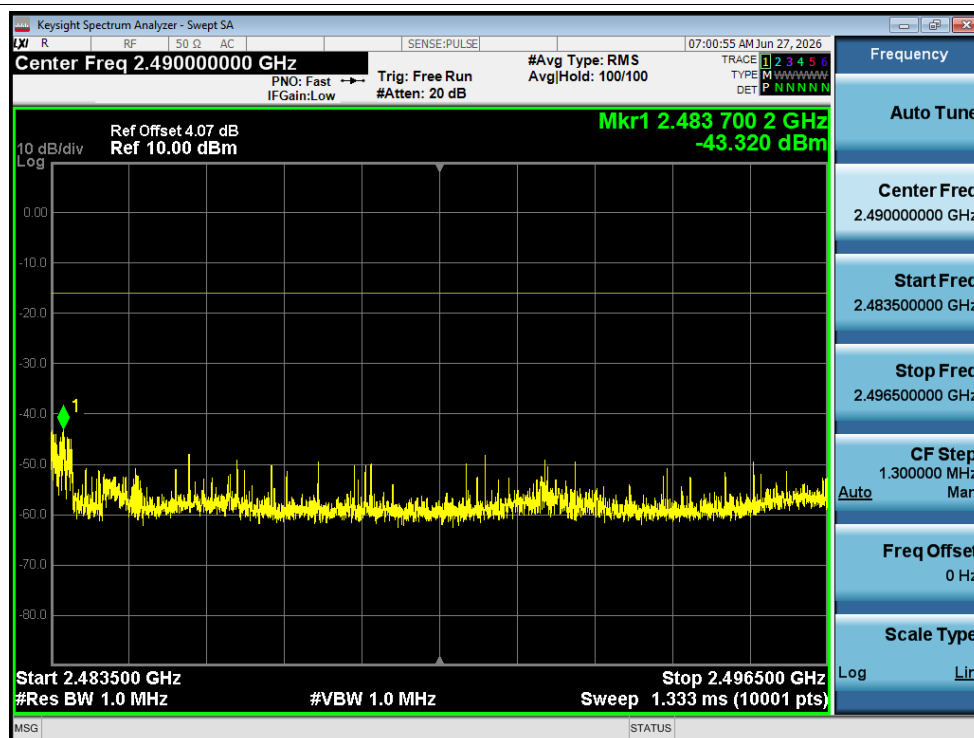
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 30MHz-1000MHz



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



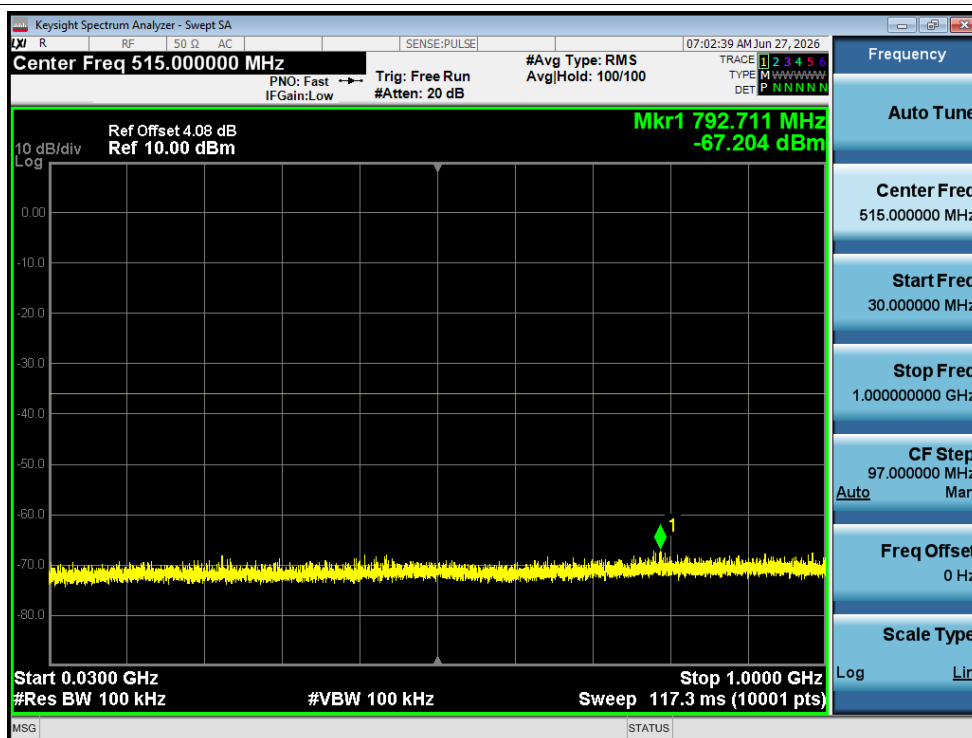
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 2387MHz-2400MHz



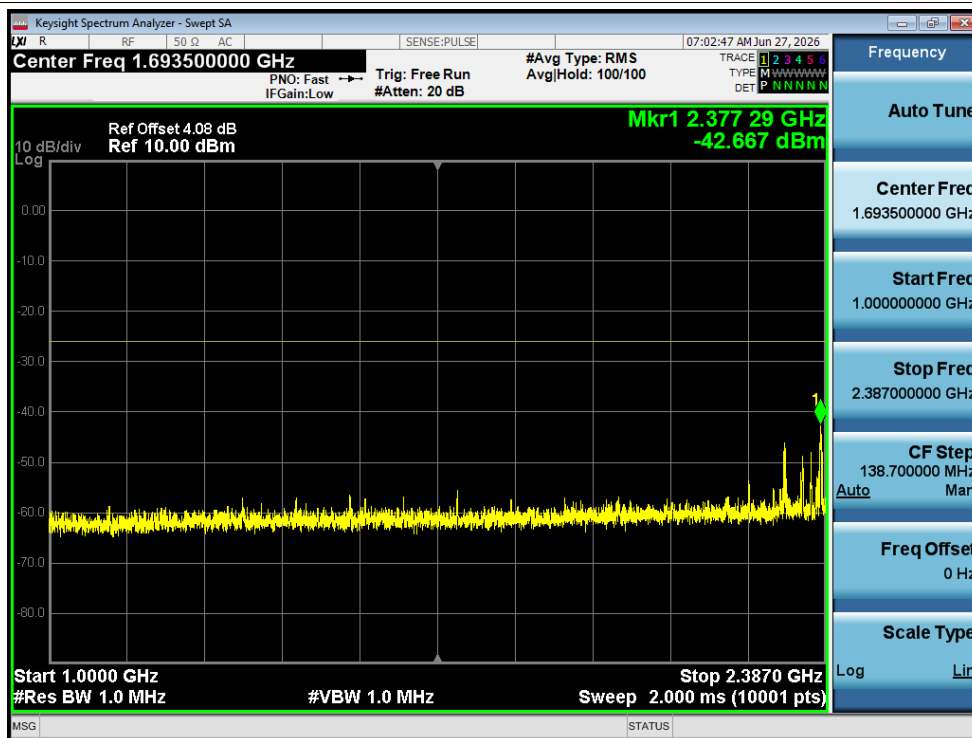
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 2483.5MHz-2496.5MHz



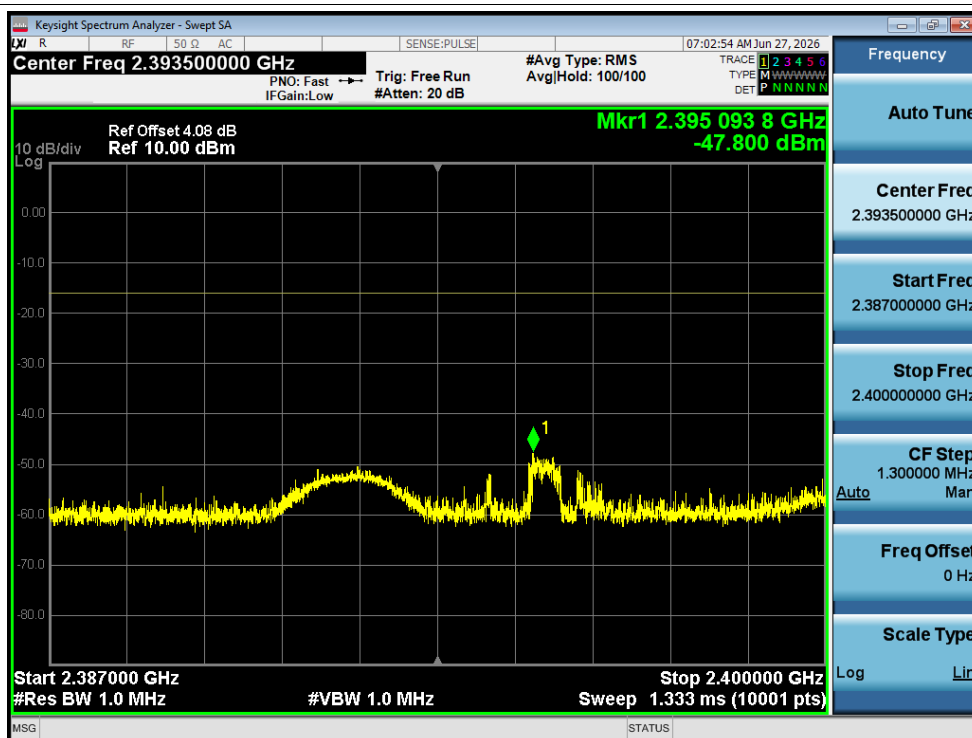
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 2496.5MHz-13000MHz



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



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



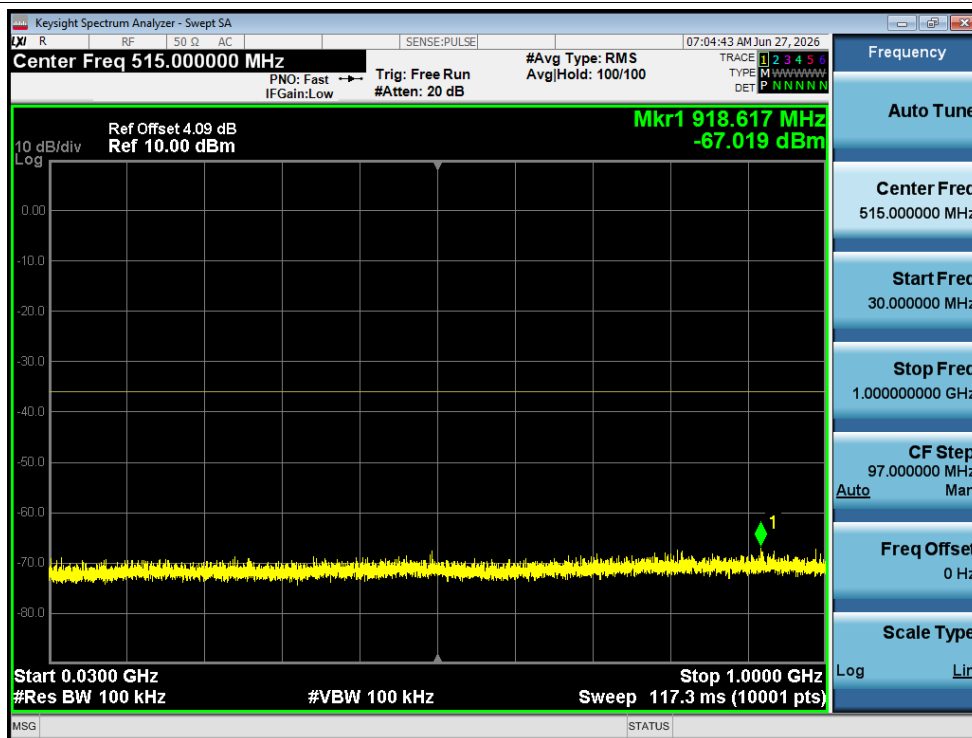
Tx. Spurious NVNT BLE 1M 2440MHz Ant1 @ 2387MHz-2400MHz



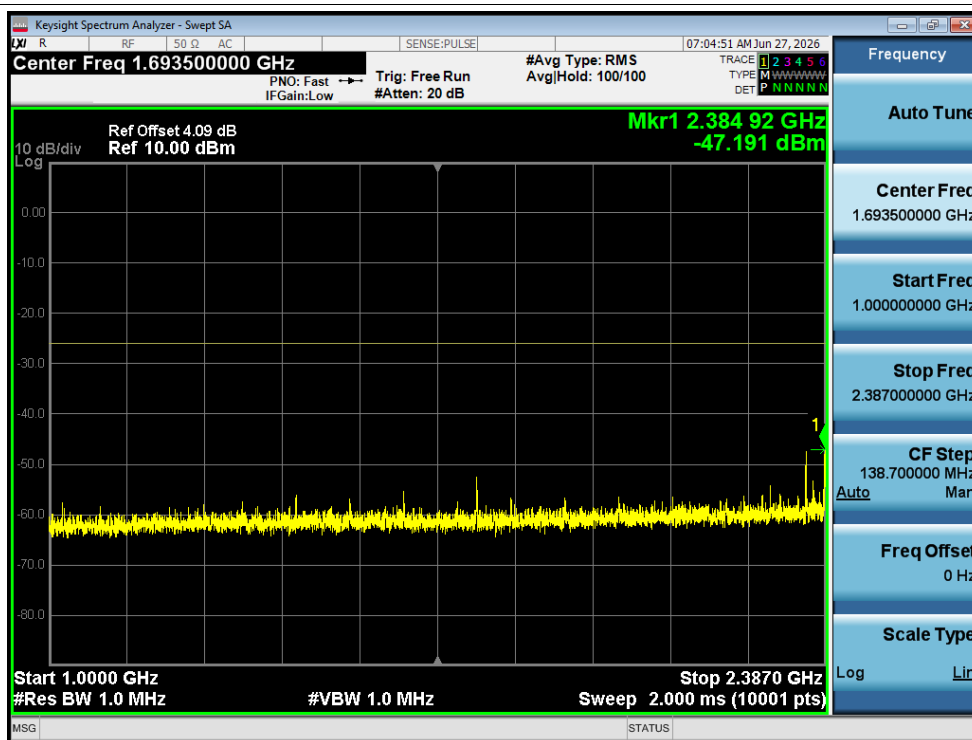
Tx. Spurious NVNT BLE 1M 2440MHz Ant1 @ 2483.5MHz-2496.5MHz



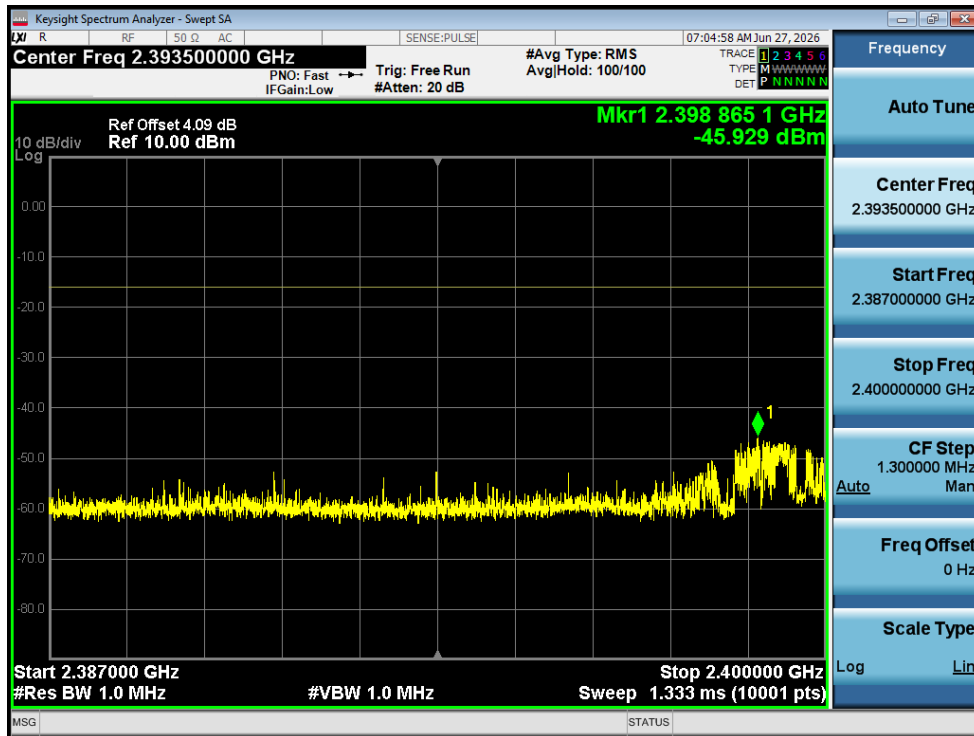
Tx. Spurious NVNT BLE 1M 2440MHz Ant1 @ 2496.5MHz-13000MHz



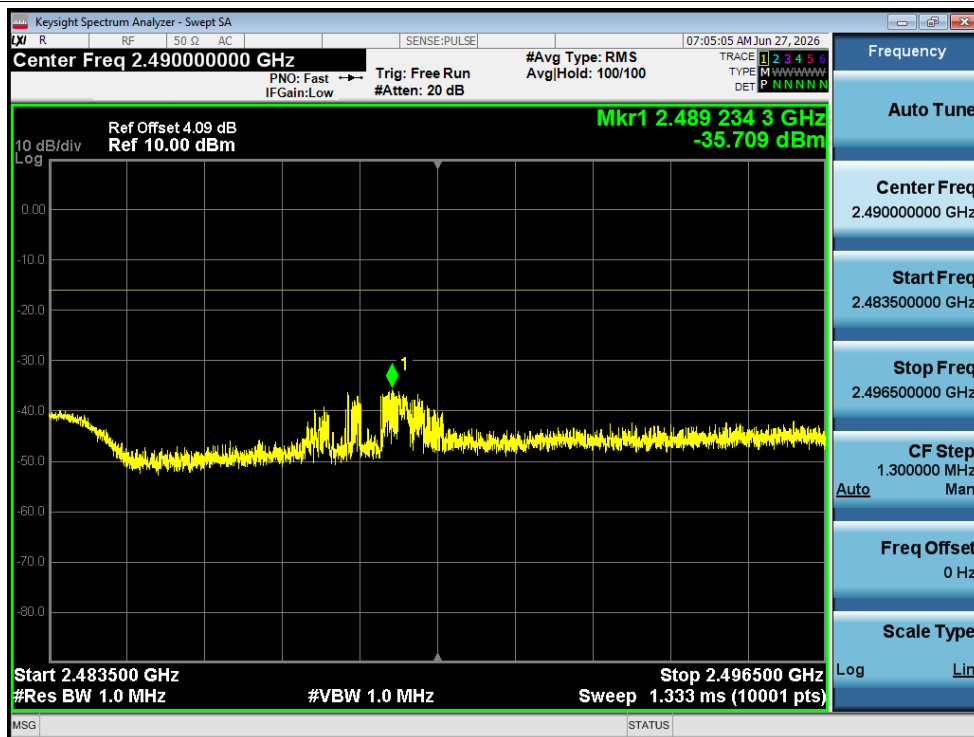
Tx. Spurious NVNT BLE 1M 2480MHz Ant1 @ 30MHz-1000MHz



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



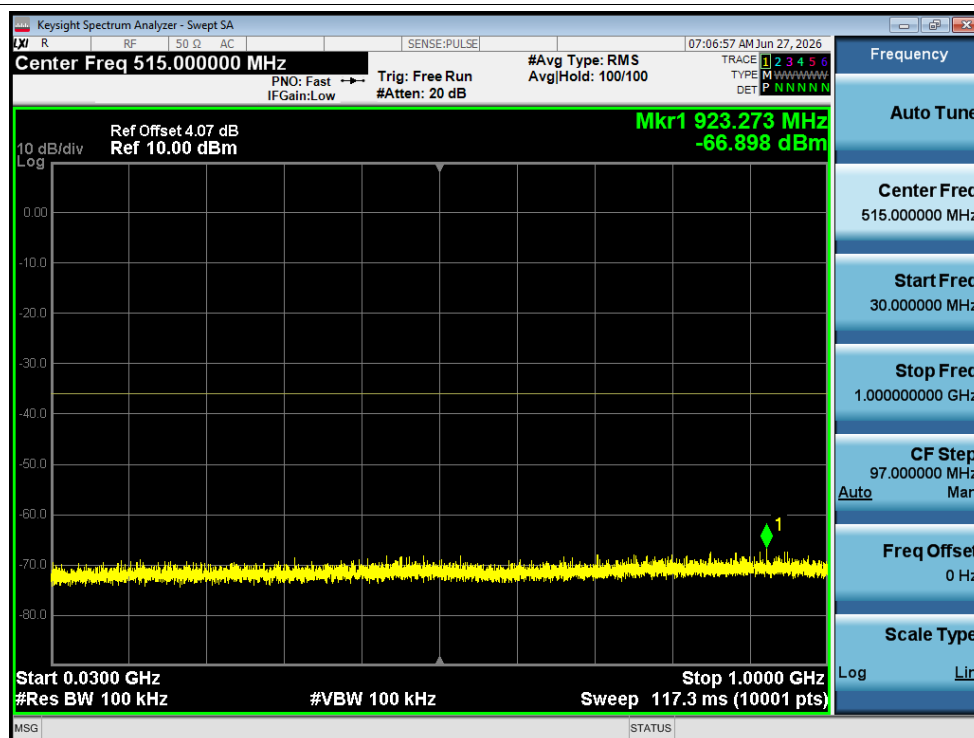
Tx. Spurious NVNT BLE 1M 2480MHz Ant1 @ 2387MHz-2400MHz



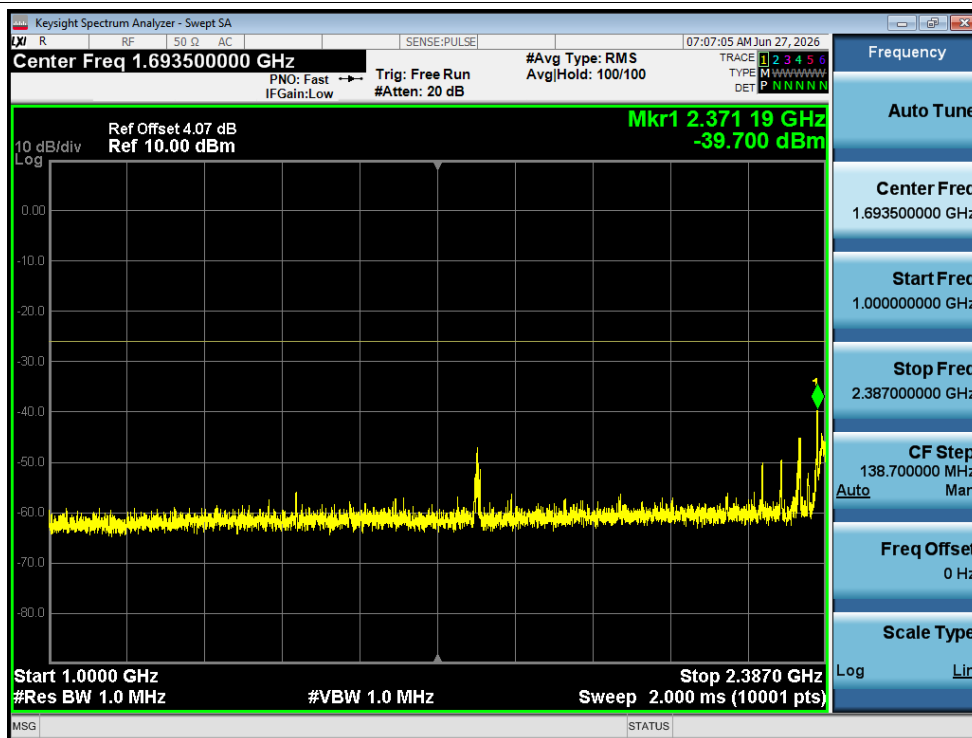
Tx. Spurious NVNT BLE 1M 2480MHz Ant1 @ 2483.5MHz-2496.5MHz



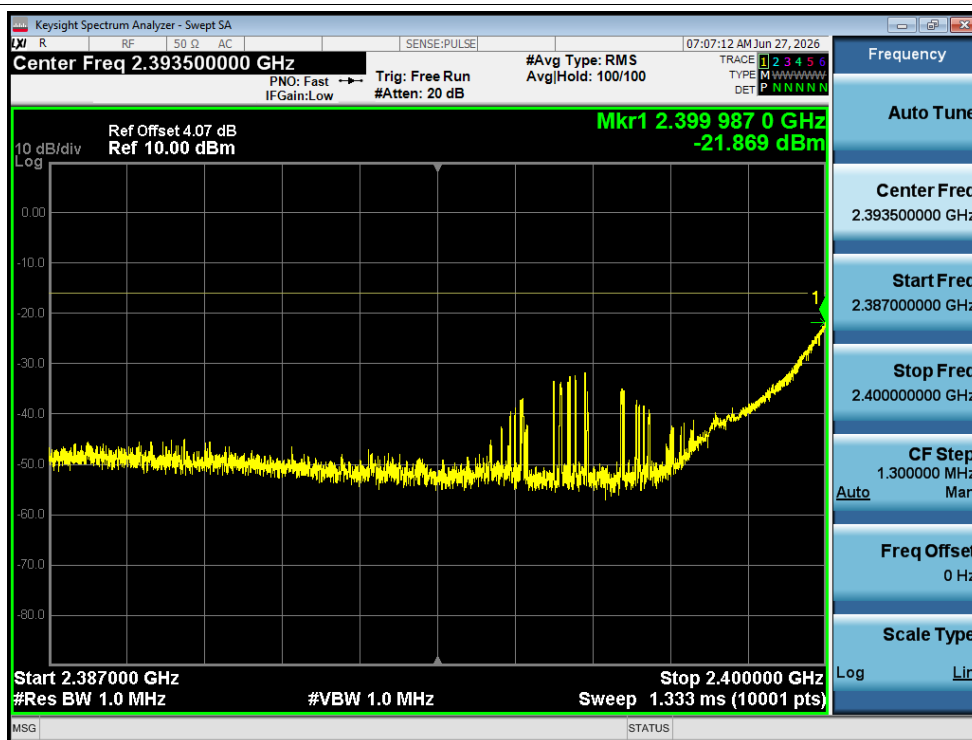
Tx. Spurious NVNT BLE 1M 2480MHz Ant1 @ 2496.5MHz-13000MHz



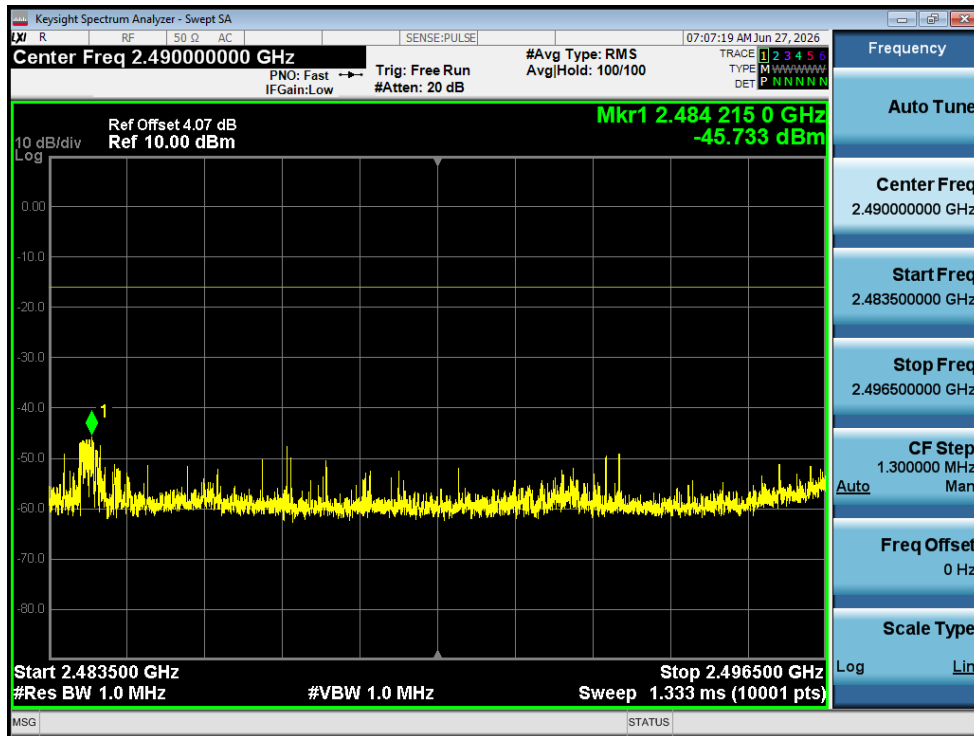
Tx. Spurious NVNT BLE 2M 2402MHz Ant1 @ 30MHz-1000MHz



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



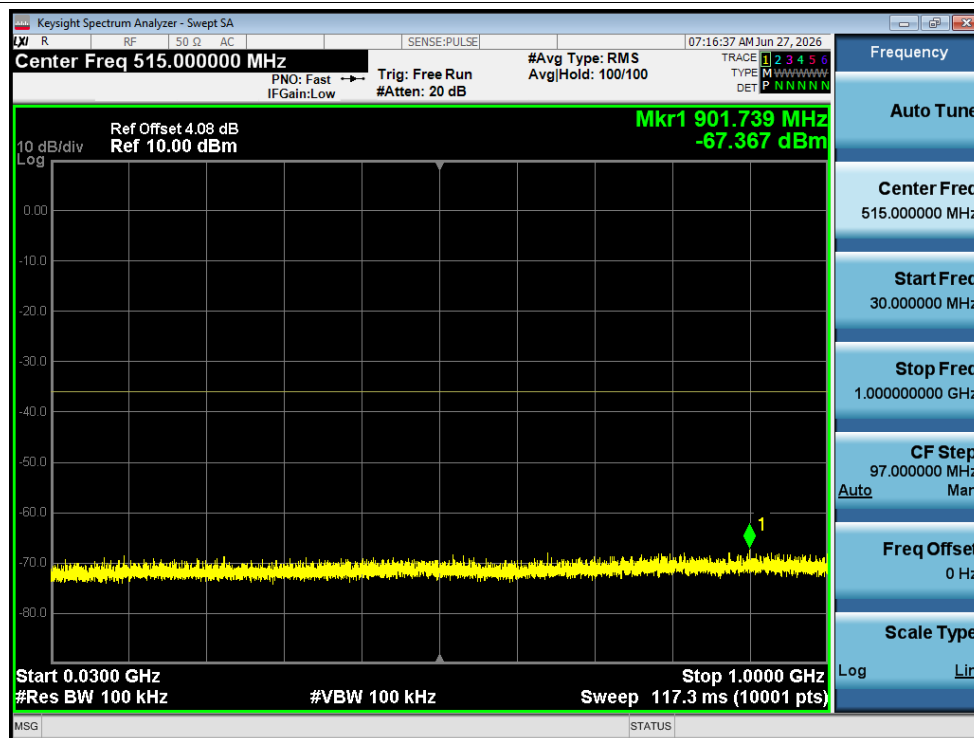
Tx. Spurious NVNT BLE 2M 2402MHz Ant1 @ 2387MHz-2400MHz



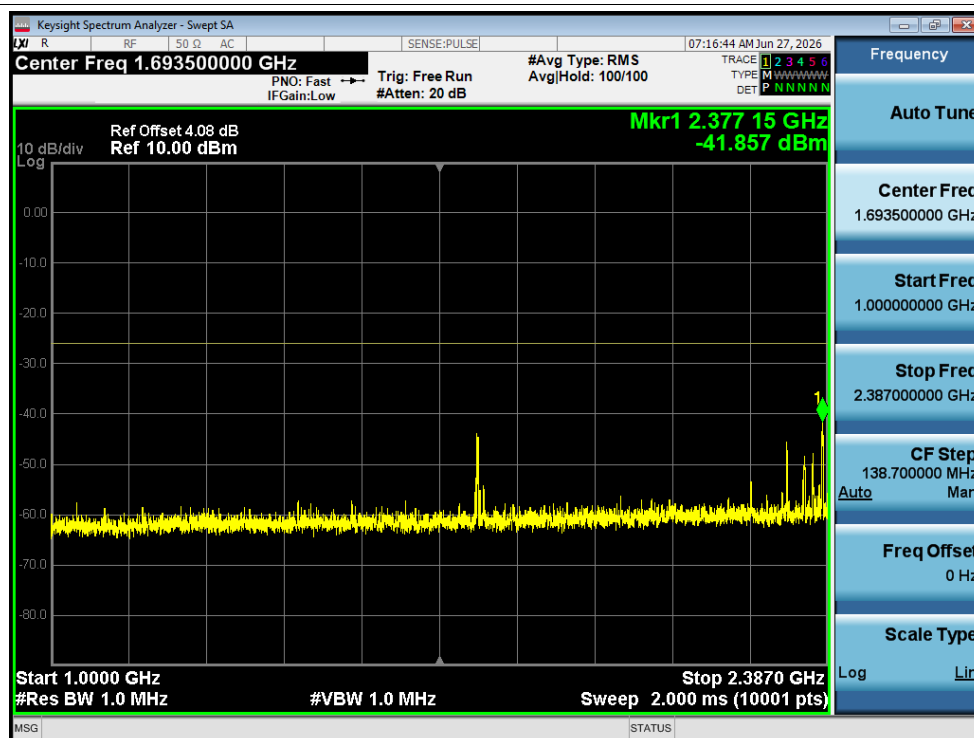
Tx. Spurious NVNT BLE 2M 2402MHz Ant1 @ 2483.5MHz-2496.5MHz



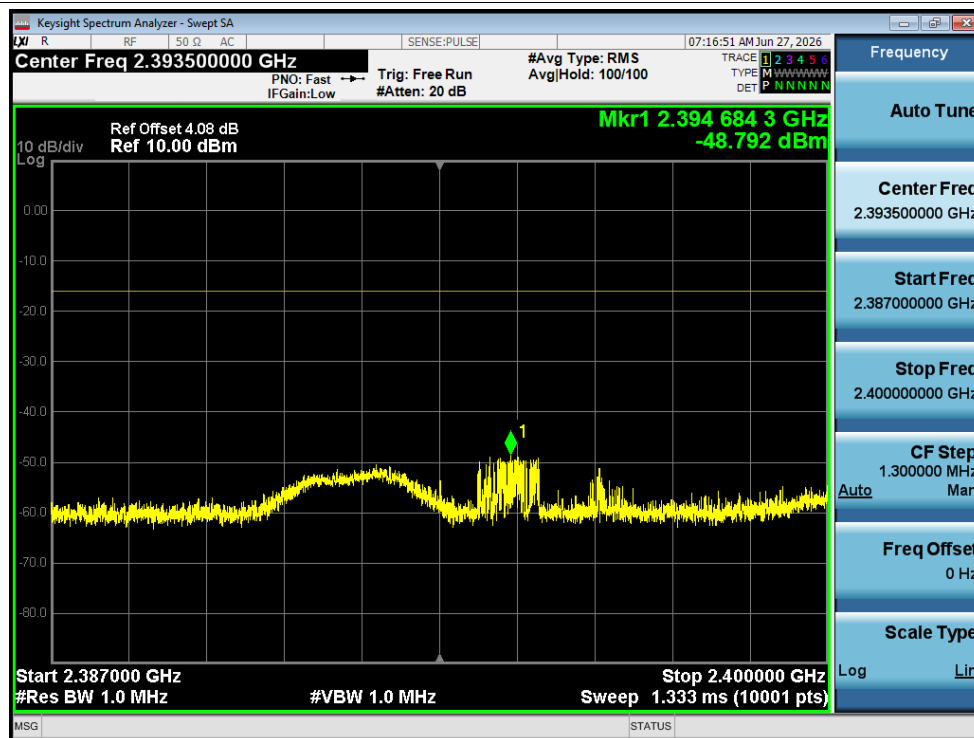
Tx. Spurious NVNT BLE 2M 2402MHz Ant1 @ 2496.5MHz-13000MHz



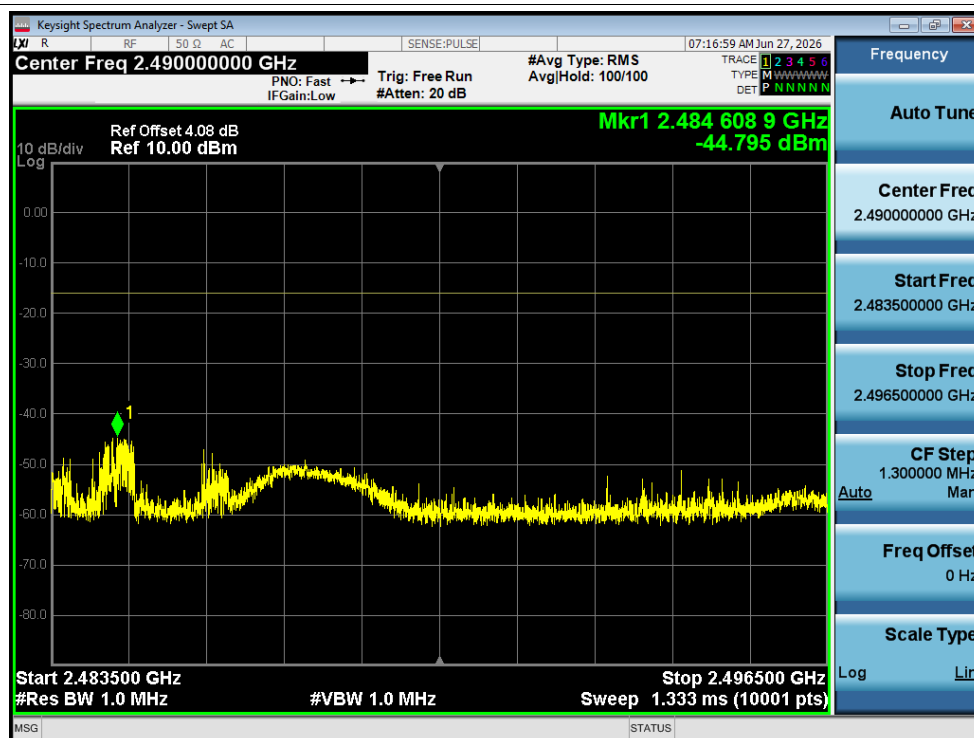
Tx. Spurious NVNT BLE 2M 2440MHz Ant1 @ 30MHz-1000MHz



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



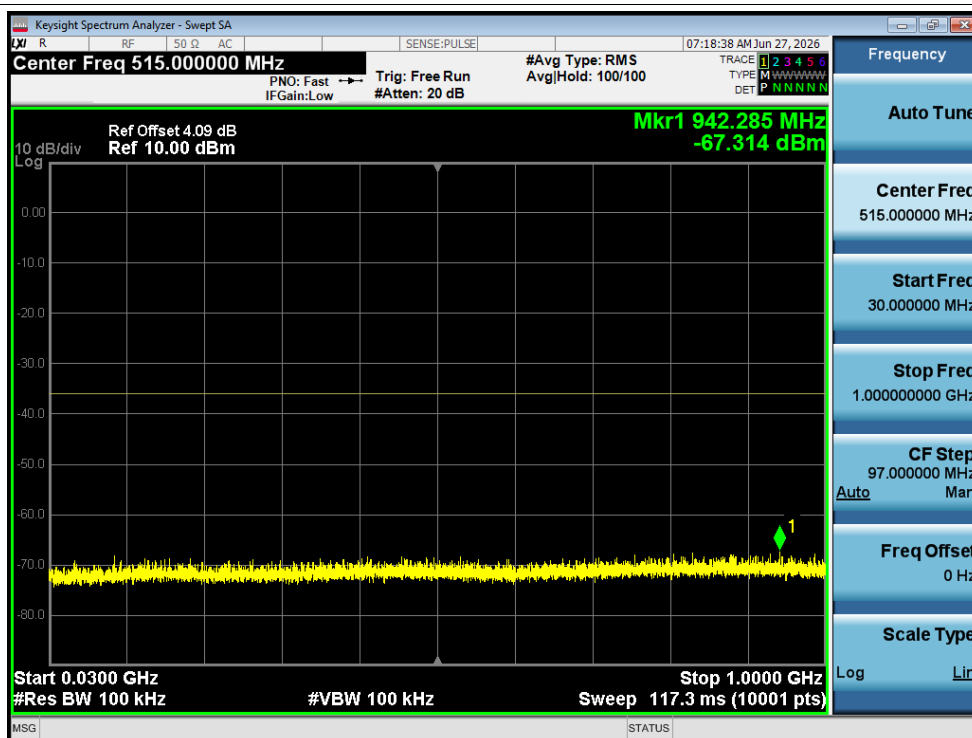
Tx. Spurious NVNT BLE 2M 2440MHz Ant1 @ 2387MHz-2400MHz



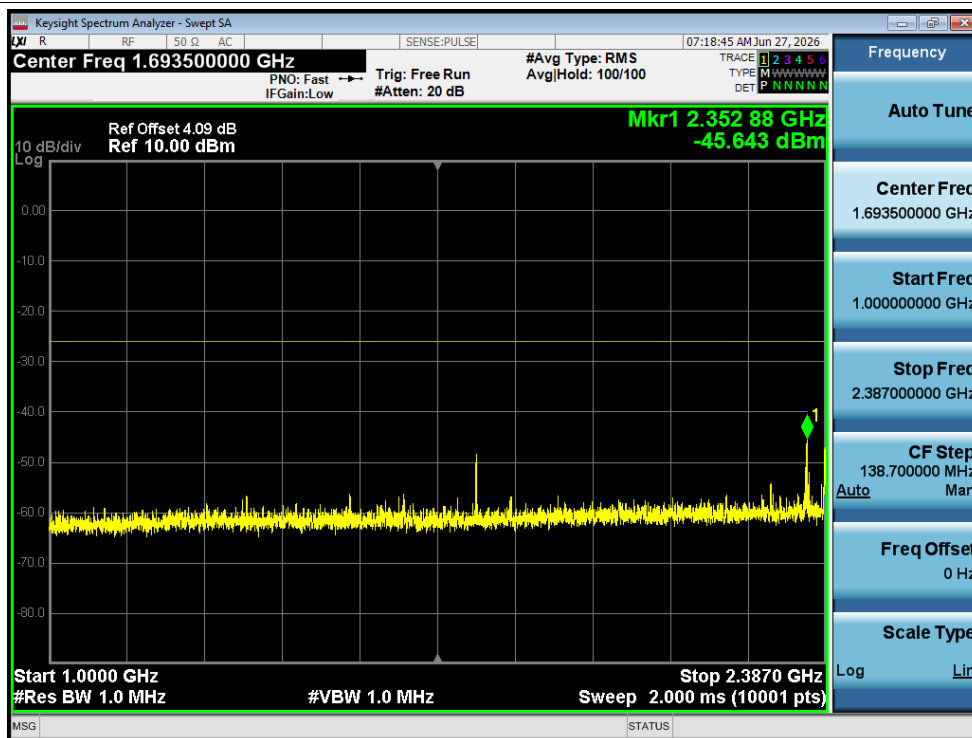
Tx. Spurious NVNT BLE 2M 2440MHz Ant1 @ 2483.5MHz-2496.5MHz



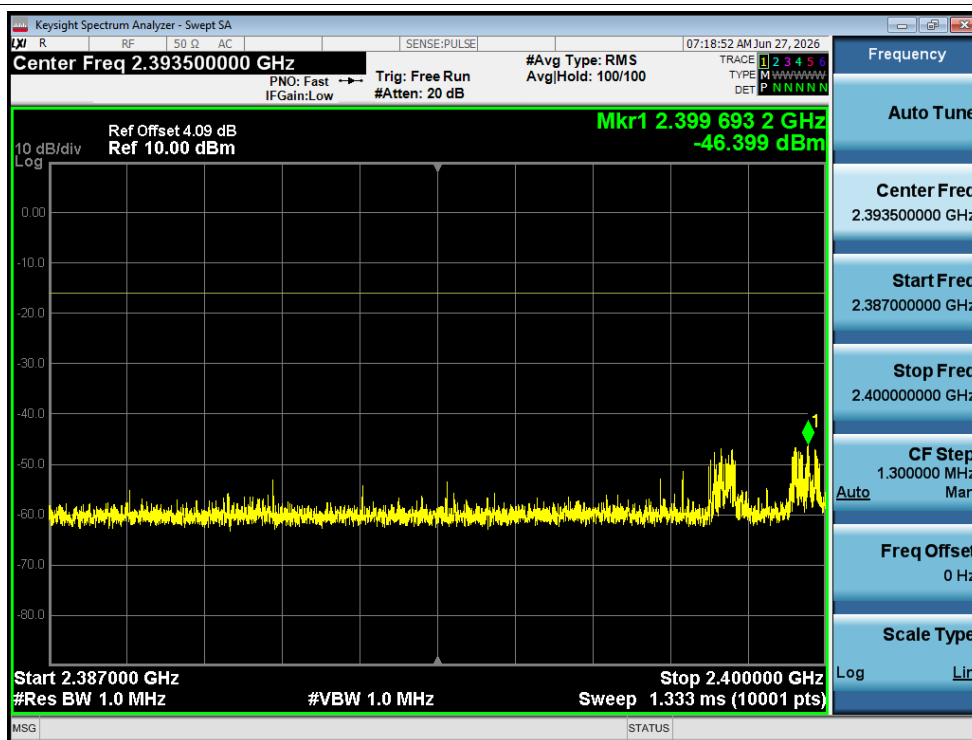
Tx. Spurious NVNT BLE 2M 2440MHz Ant1 @ 2496.5MHz-13000MHz



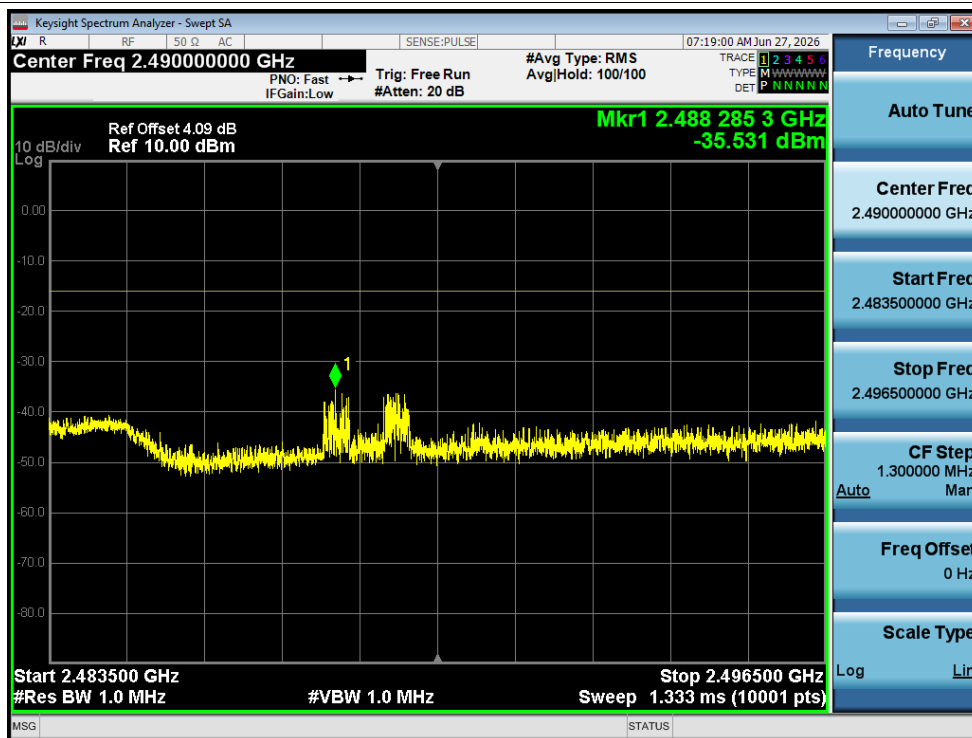
Tx. Spurious NVNT BLE 2M 2480MHz Ant1 @ 30MHz-1000MHz



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



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



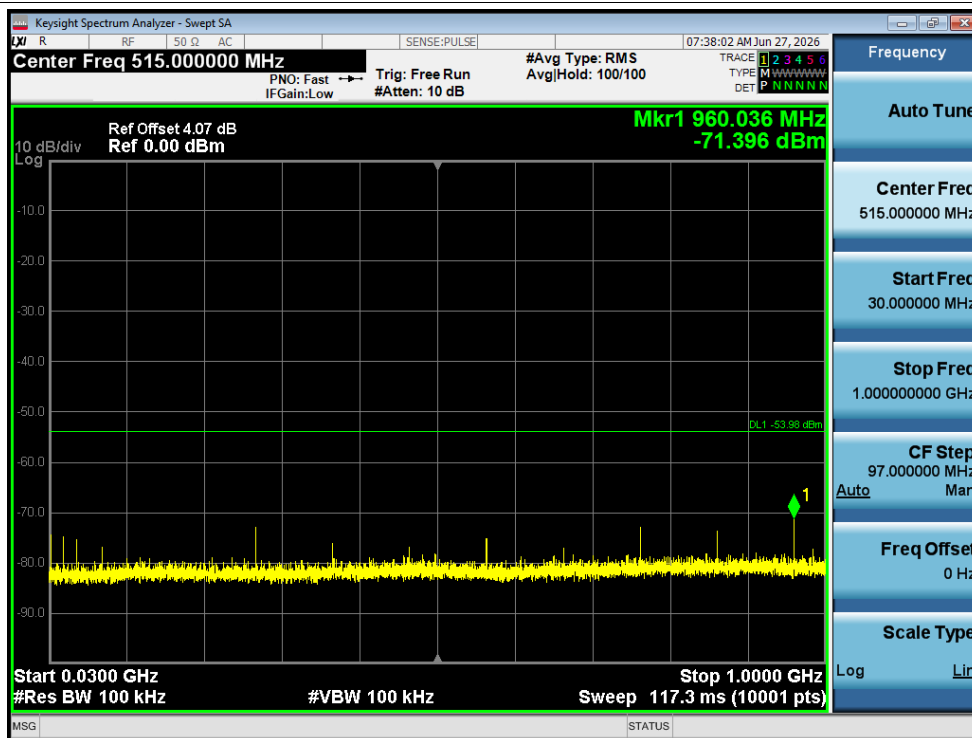
Tx. Spurious NVNT BLE 2M 2480MHz Ant1 @ 2483.5MHz-2496.5MHz



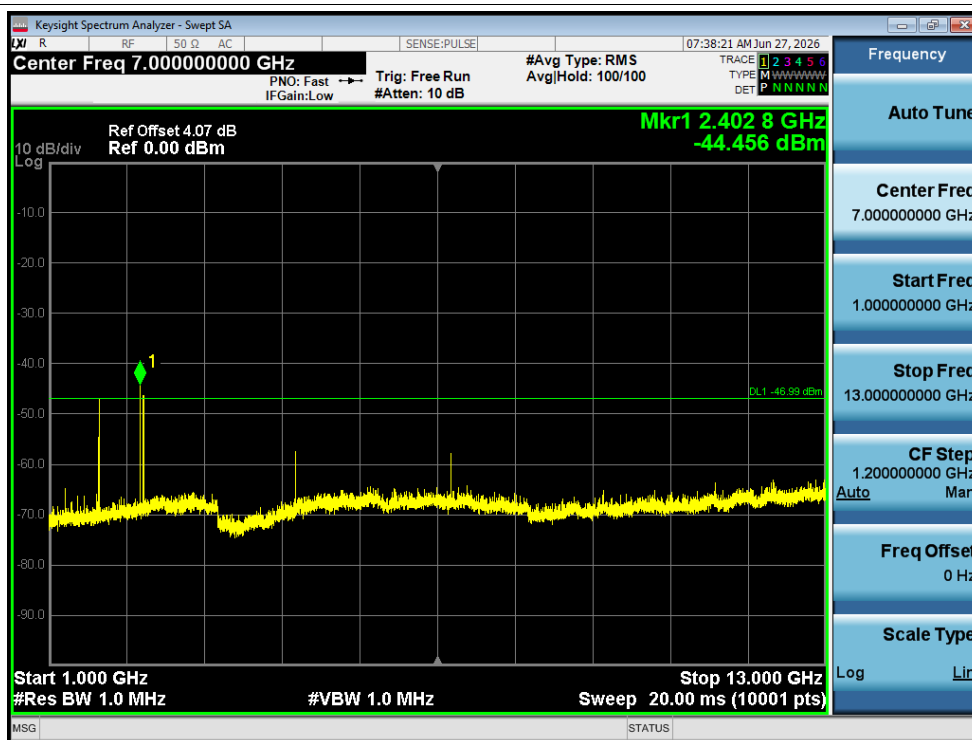
Tx. Spurious NVNT BLE 2M 2480MHz Ant1 @ 2496.5MHz-13000MHz

Rx Spurious Emission

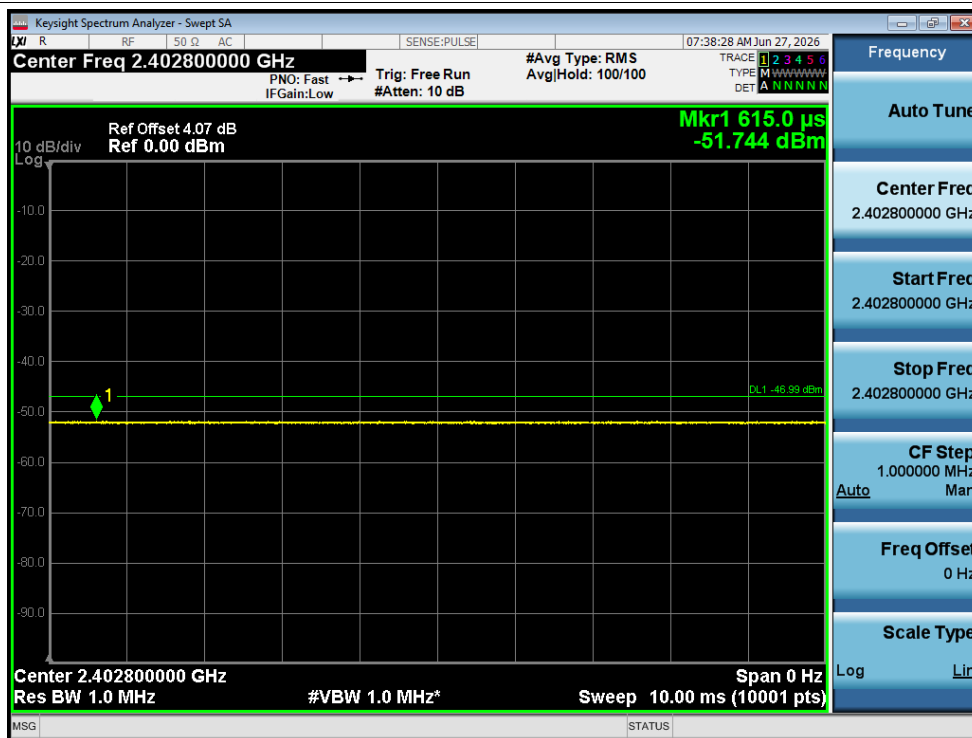
Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Emission Frequency (MHz)	Max Peak Value (dBm)	Max RMS Value (dBm)	Max Peak Value (nW)	Max RMS Value (nW)	Limit (nW)	Verdict
NVNT	BLE 1M	2402	Ant1	30-1000	960.04	-71.40	NA	0.0724	NA	4	Pass
NVNT	BLE 1M	2402	Ant1	1000-13000	2402.80	-44.46	-51.74	35.8096	6.6988	20	Pass
NVNT	BLE 1M	2440	Ant1	30-1000	960.04	-71.58	NA	0.0695	NA	4	Pass
NVNT	BLE 1M	2440	Ant1	1000-13000	2402.80	-44.06	-51.37	39.2645	7.2946	20	Pass
NVNT	BLE 1M	2480	Ant1	30-1000	288.02	-71.97	NA	0.0635	NA	4	Pass
NVNT	BLE 1M	2480	Ant1	1000-13000	2402.80	-43.96	-50.8	40.1791	8.3176	20	Pass
NVNT	BLE 2M	2402	Ant1	30-1000	960.04	-72.44	NA	0.057	NA	4	Pass
NVNT	BLE 2M	2402	Ant1	1000-13000	2402.80	-44.26	-51.43	37.4973	7.1945	20	Pass
NVNT	BLE 2M	2440	Ant1	30-1000	960.04	-72.43	NA	0.0571	NA	4	Pass
NVNT	BLE 2M	2440	Ant1	1000-13000	2402.80	-44.12	-51.29	38.7258	7.4302	20	Pass
NVNT	BLE 2M	2480	Ant1	30-1000	960.04	-72.12	NA	0.0614	NA	4	Pass
NVNT	BLE 2M	2480	Ant1	1000-13000	2402.80	-44.07	-50.73	39.1742	8.4528	20	Pass



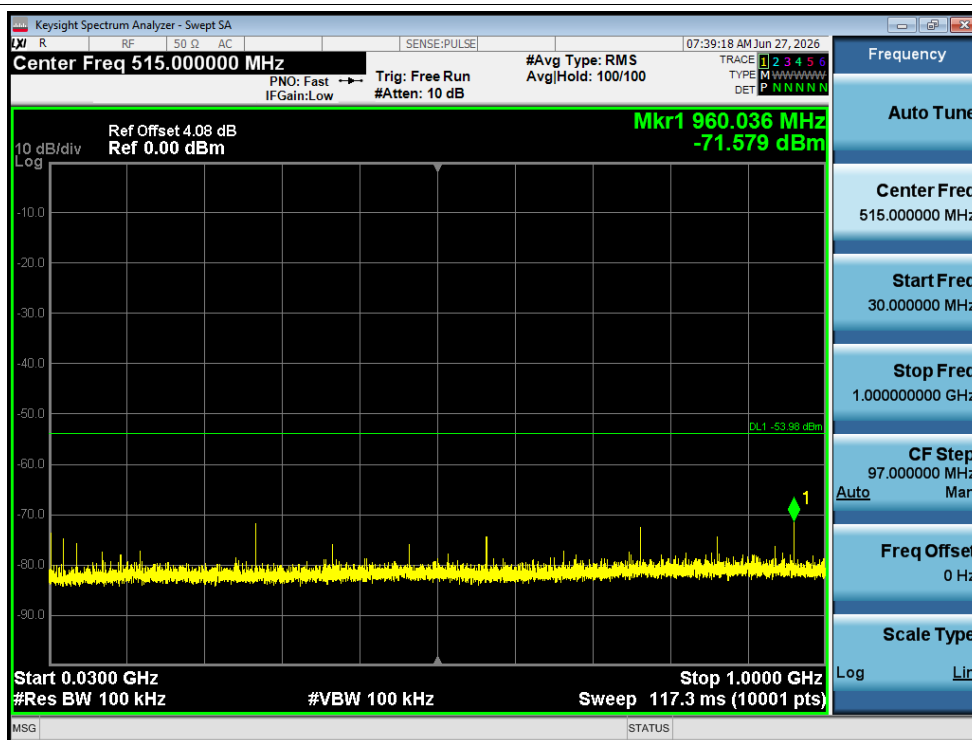
Rx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 30MHz-1000MHz



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



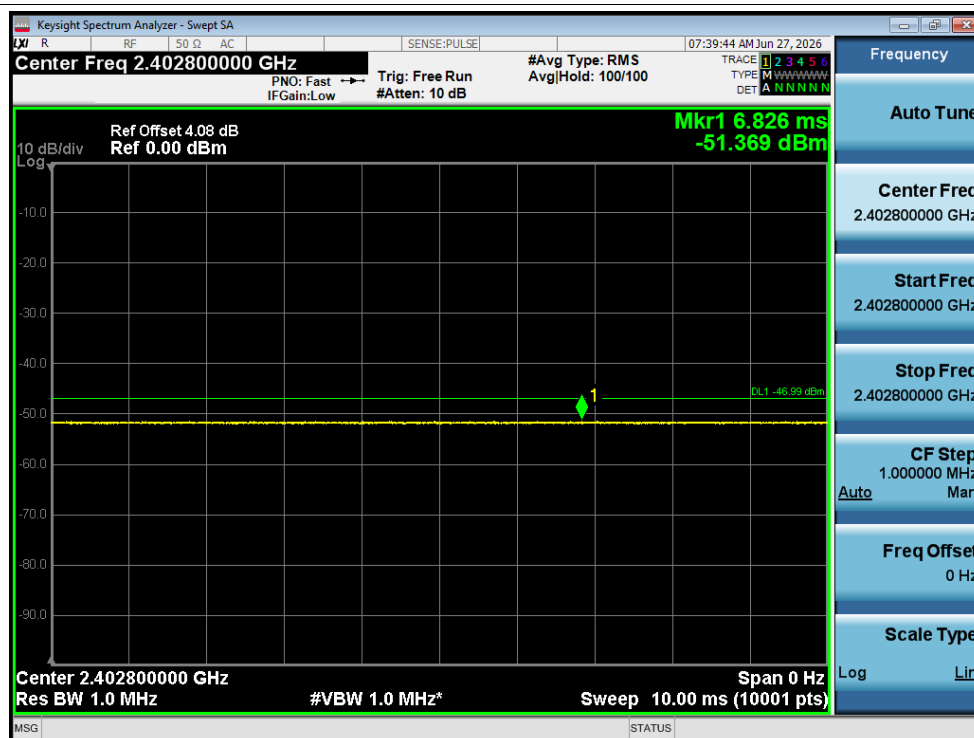
Rx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 1000MHz-13000MHz Final



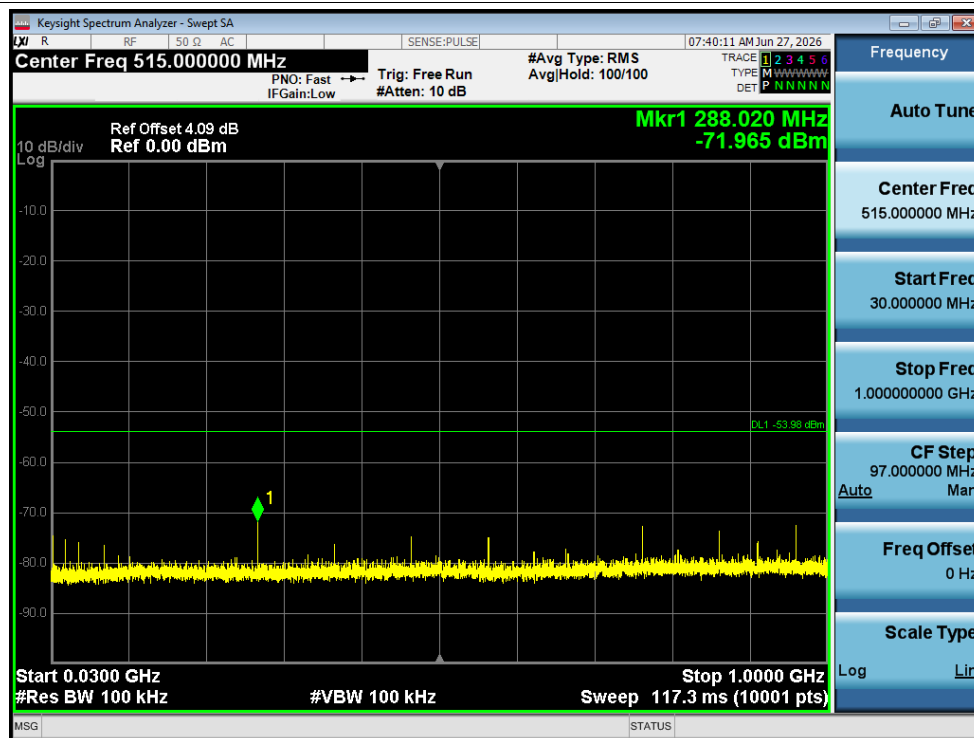
Rx. Spurious NVNT BLE 1M 2440MHz Ant1 @ 30MHz-1000MHz



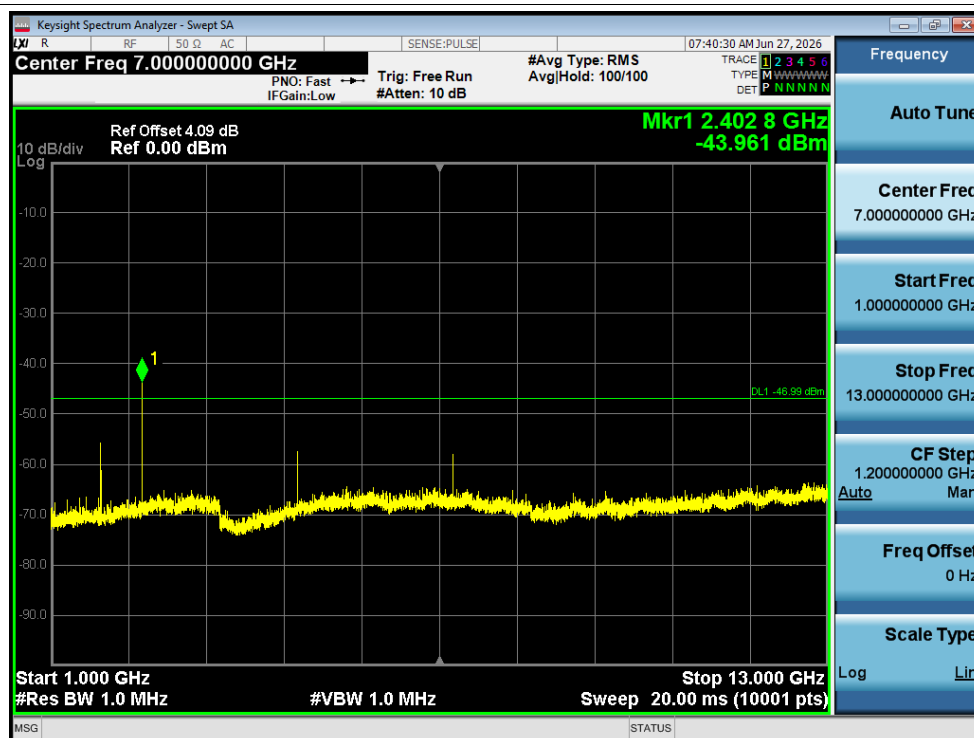
Rx. Spurious NVNT BLE 1M 2440MHz Ant1 @ 1000MHz-13000MHz



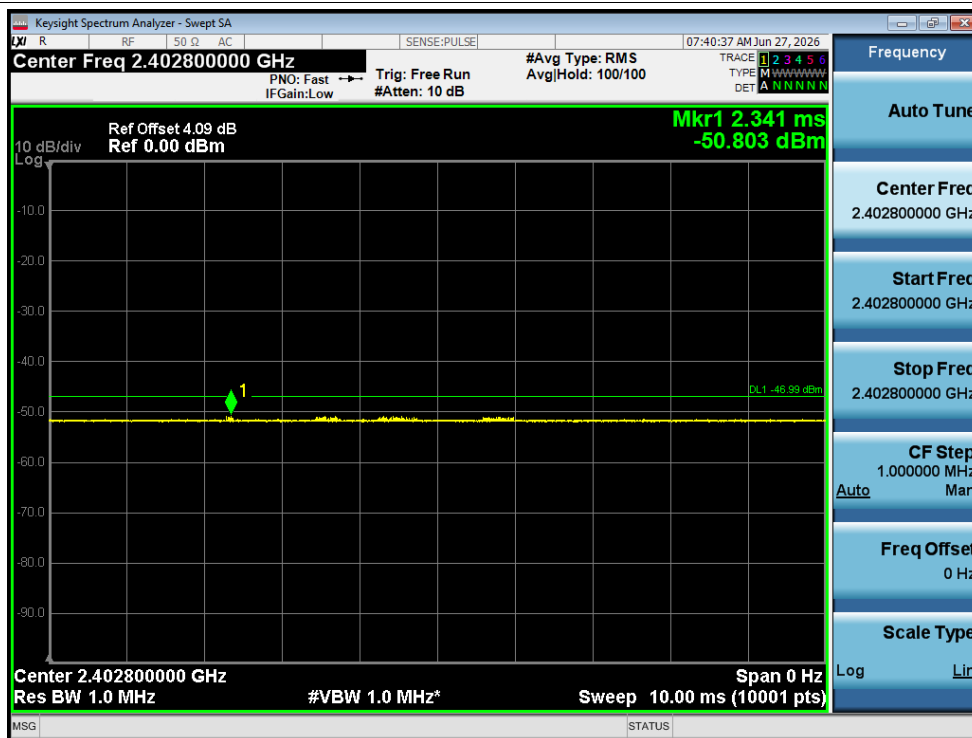
Rx. Spurious NVNT BLE 1M 2440MHz Ant1 @ 1000MHz-13000MHz Final



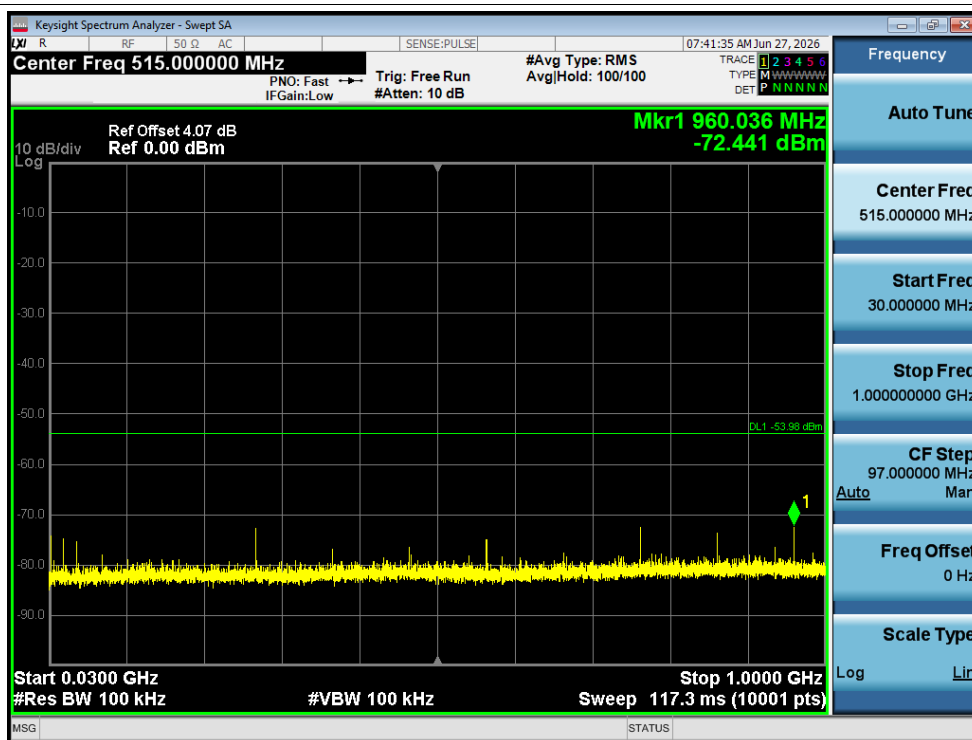
Rx. Spurious NVNT BLE 1M 2480MHz Ant1 @ 30MHz-1000MHz



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



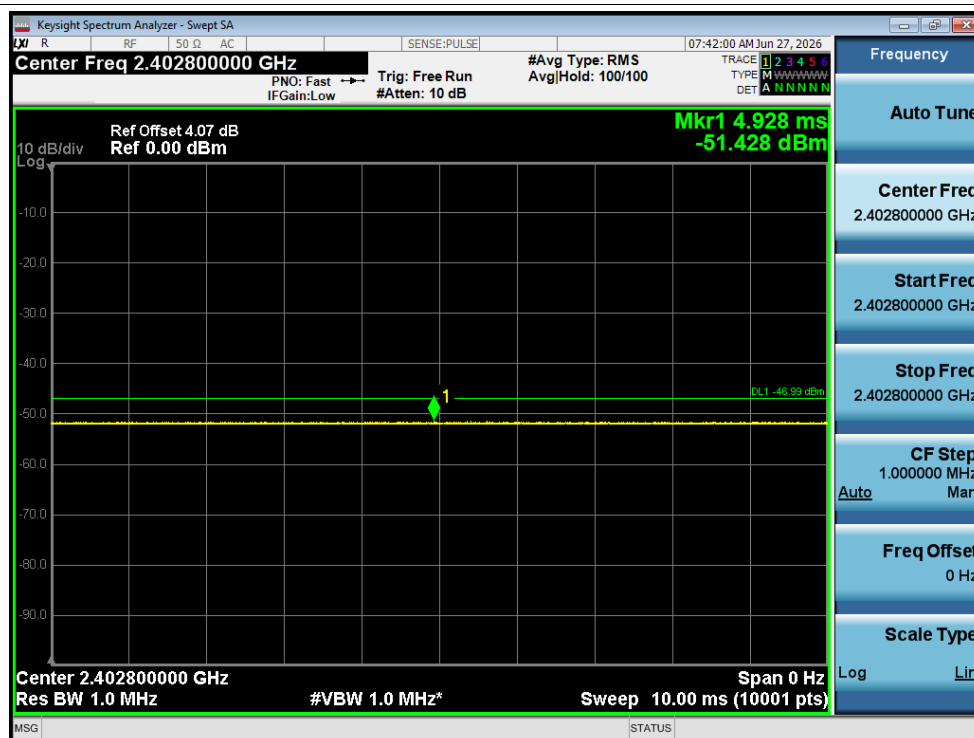
Rx. Spurious NVNT BLE 1M 2480MHz Ant1 @ 1000MHz-13000MHz Final



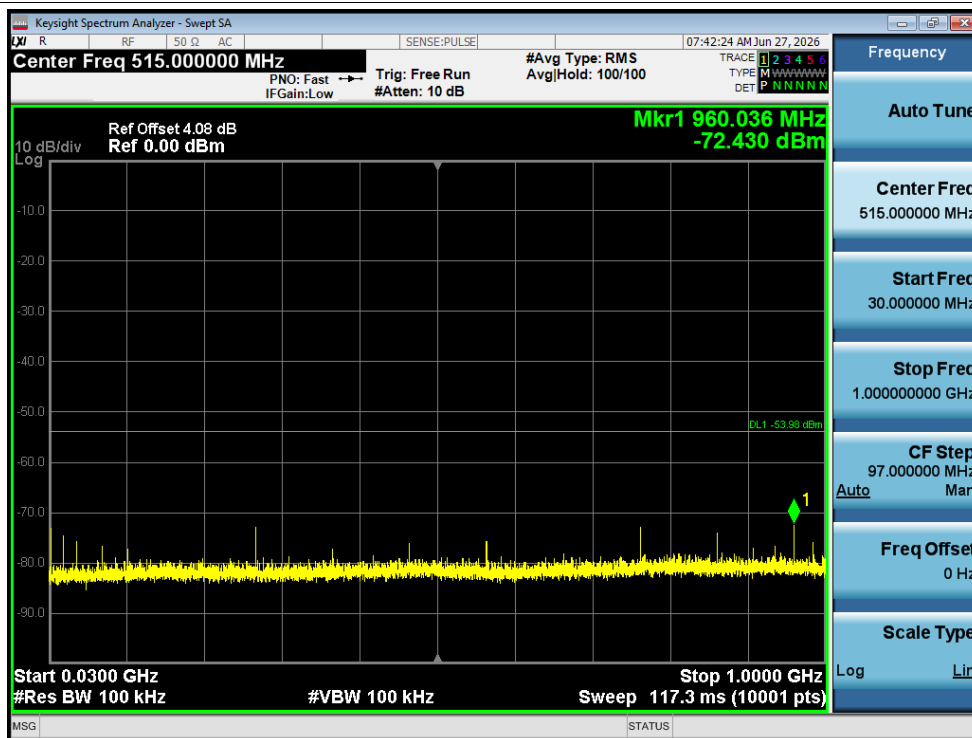
Rx. Spurious NVNT BLE 2M 2402MHz Ant1 @ 30MHz-1000MHz



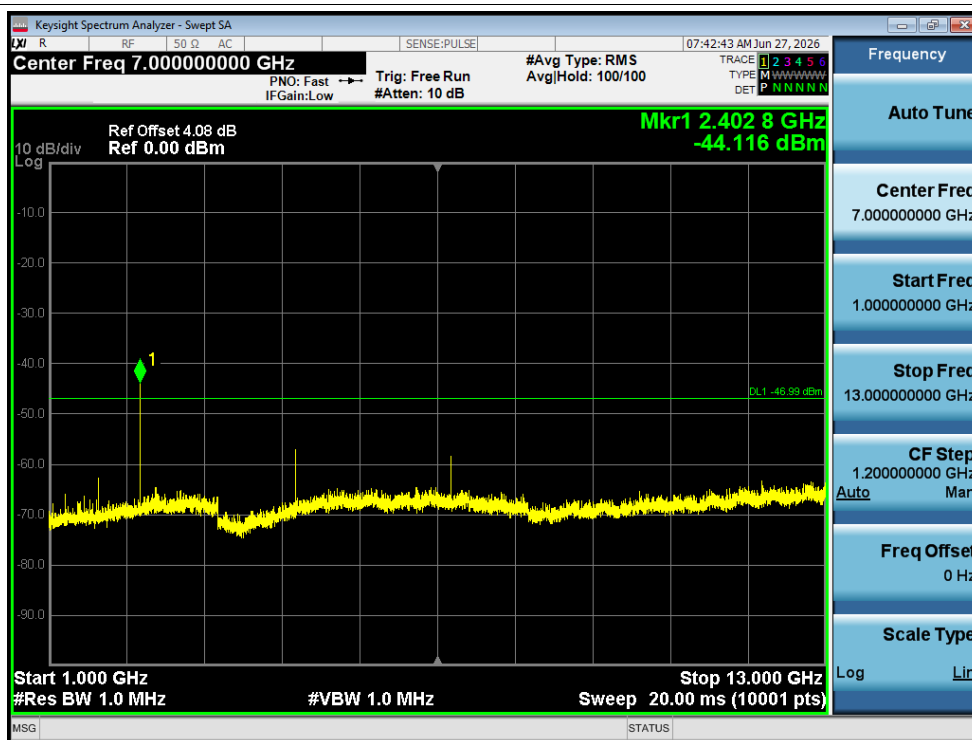
Rx. Spurious NVNT BLE 2M 2402MHz Ant1 @ 1000MHz-13000MHz



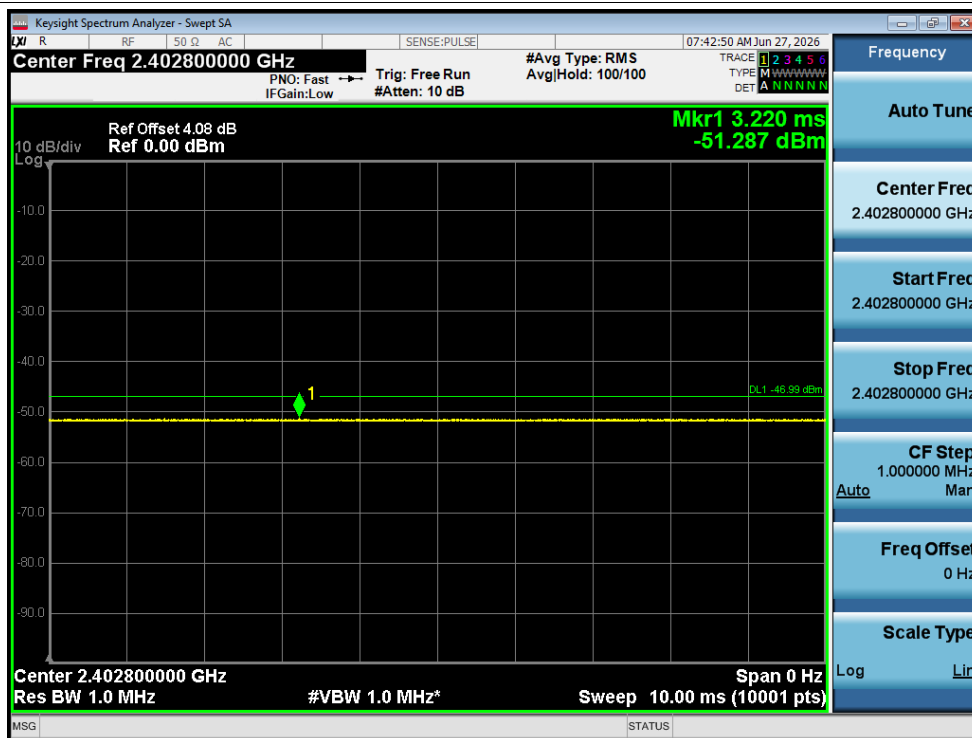
Rx. Spurious NVNT BLE 2M 2402MHz Ant1 @ 1000MHz-13000MHz Final



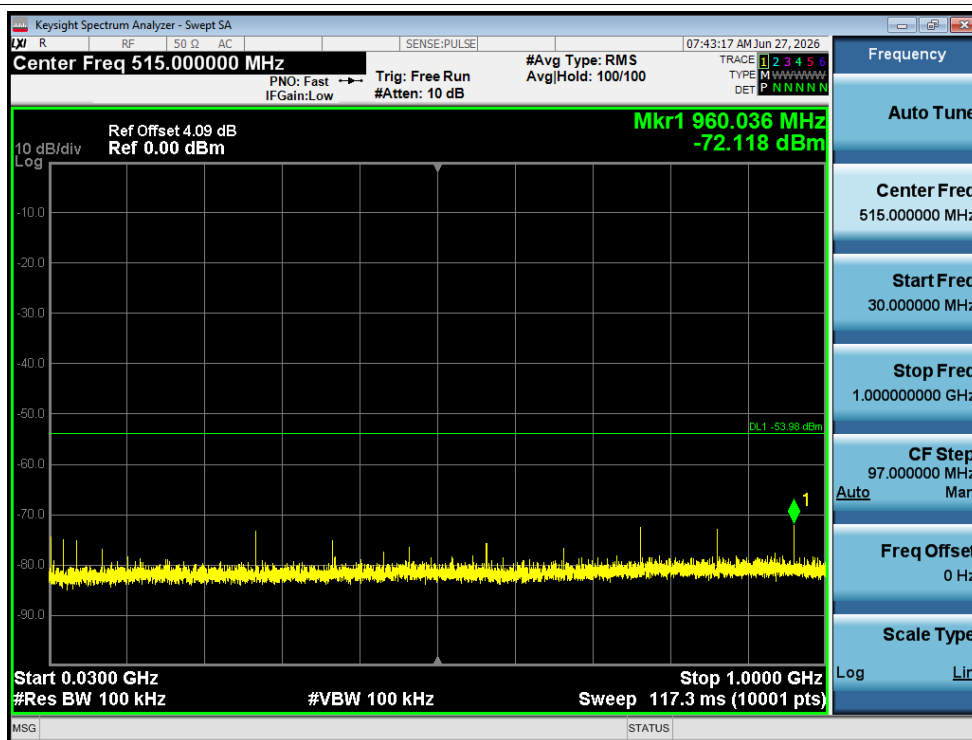
Rx. Spurious NVNT BLE 2M 2440MHz Ant1 @ 30MHz-1000MHz



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