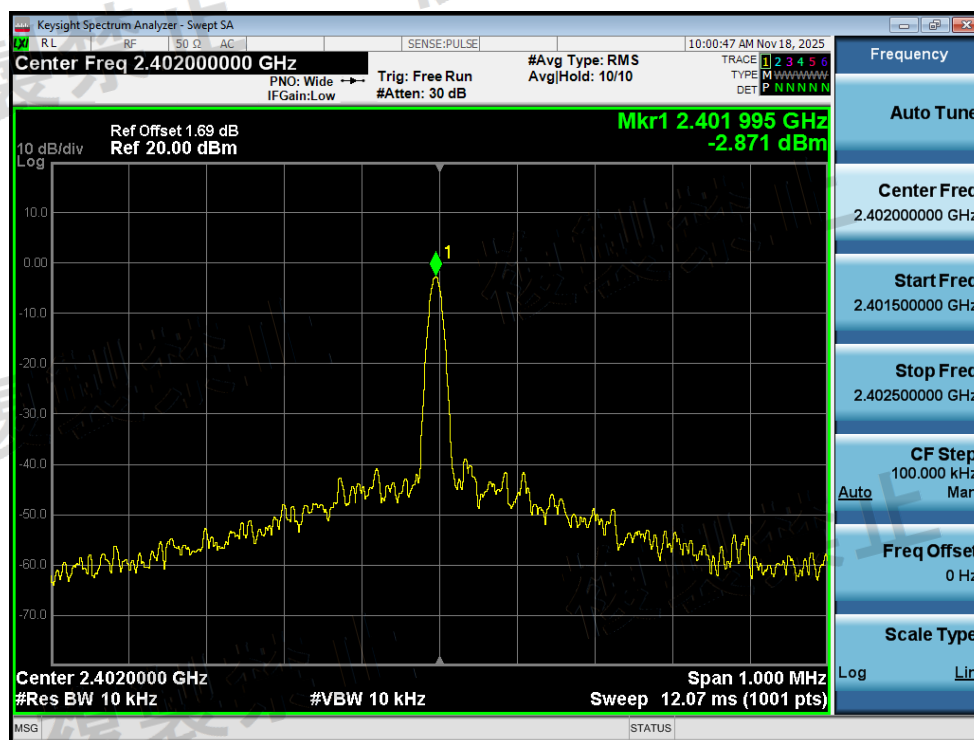
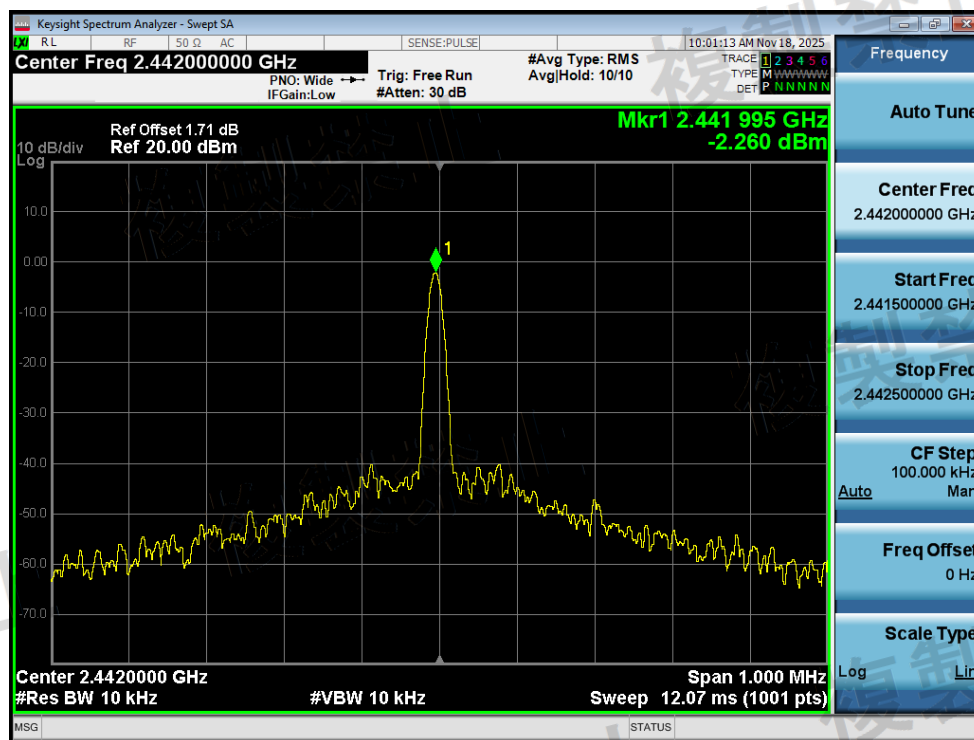


1. Frequency Error

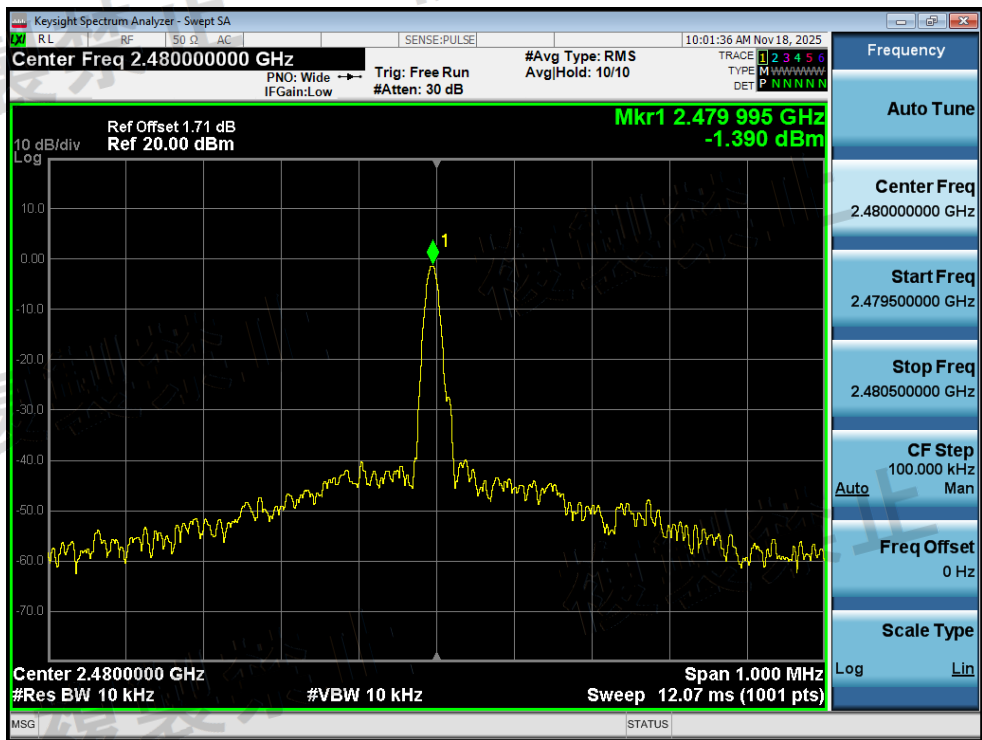
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	BLE 1M	2402	Ant1	2401.995	-5000	-2.08	±50	Pass
NVNT	BLE 1M	2442	Ant1	2441.995	-5000	-2.05	±50	Pass
NVNT	BLE 1M	2480	Ant1	2479.995	-5000	-2.02	±50	Pass



Freq. Error NVNT BLE 1M 2402MHz Ant1



Freq. Error NVNT BLE 1M 2442MHz Ant1



Freq. Error NVNT BLE 1M 2480MHz Ant1

2. Antenna and EIRP Power

Condition	Mode	Frequency (MHz)	Antenna	Power (dBm)	Antenna Power (mW)	Limit (mW)	Declared Power (mW)	Tolerance (%)	Upper Limit (%)	Verdict
NVNT	BLE 1M	2402	Ant1	-1.8	0.66	10	1.2	-45	+20	Pass
NVNT	BLE 1M	2442	Ant1	-1.18	0.76	10	1.2	-36.67	+20	Pass
NVNT	BLE 1M	2480	Ant1	-0.34	0.92	10	1.2	-23.33	+20	Pass
NVNT	BLE 2M	2402	Ant1	-1.57	0.7	10	1.2	-41.67	+20	Pass
NVNT	BLE 2M	2442	Ant1	-0.87	0.82	10	1.2	-31.67	+20	Pass
NVNT	BLE 2M	2480	Ant1	0.02	1.01	10	1.2	-15.83	+20	Pass



Power NVNT BLE 1M 2402MHz Ant1 Pre Scan



Power NVNT BLE 1M 2402MHz Ant1 Zero Span



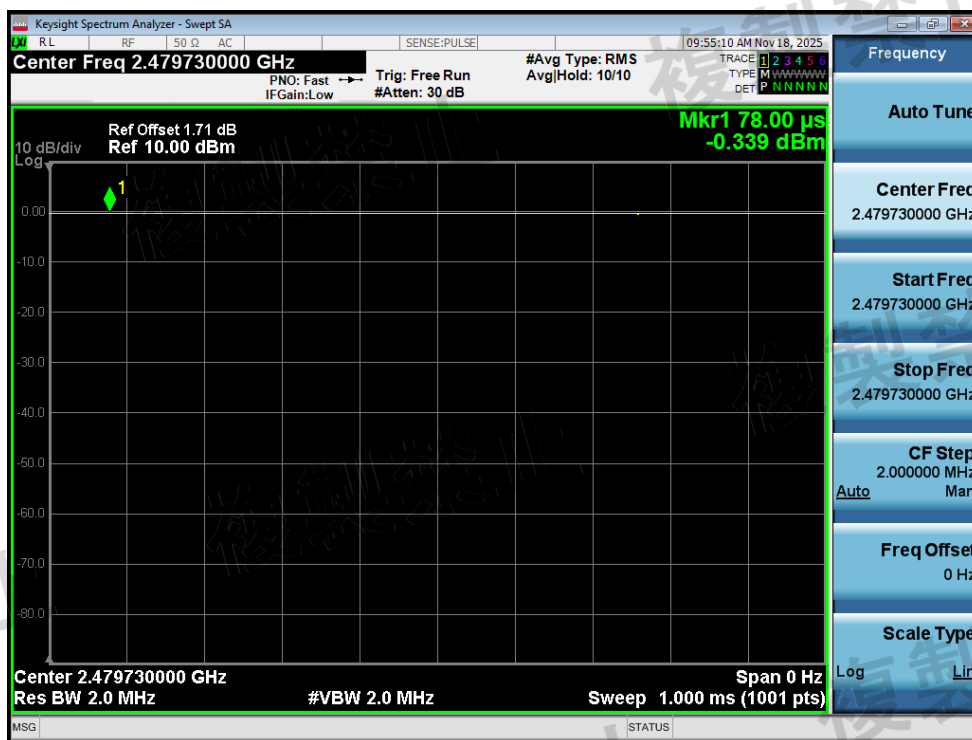
Power NVNT BLE 1M 2442MHz Ant1 Pre Scan



Power NVNT BLE 1M 2442MHz Ant1 Zero Span



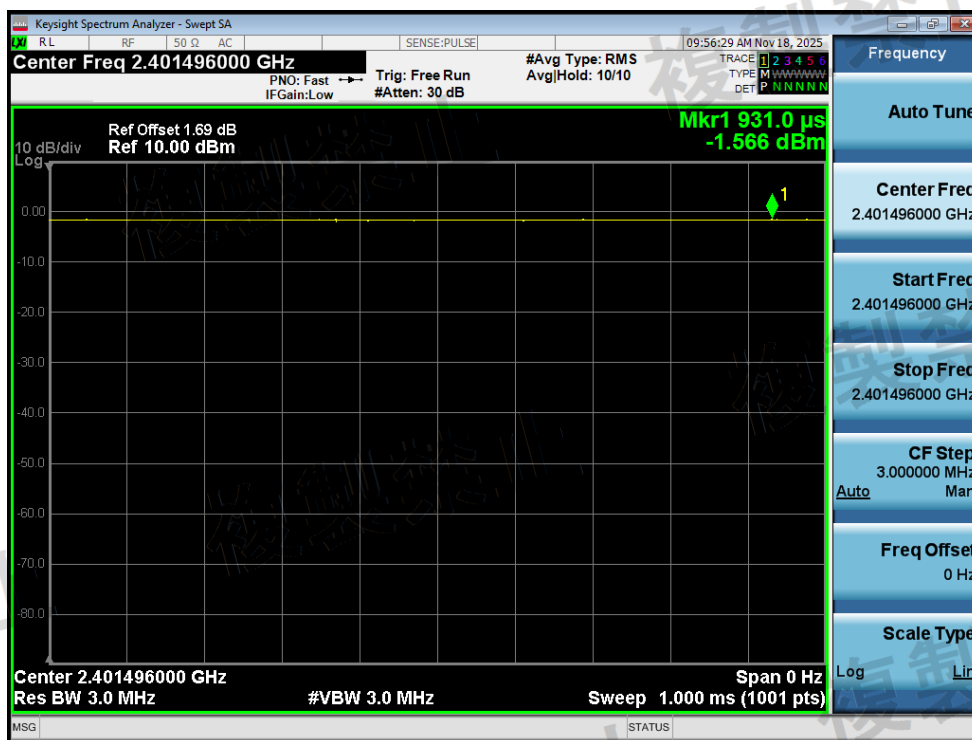
Power NVNT BLE 1M 2480MHz Ant1 Pre Scan



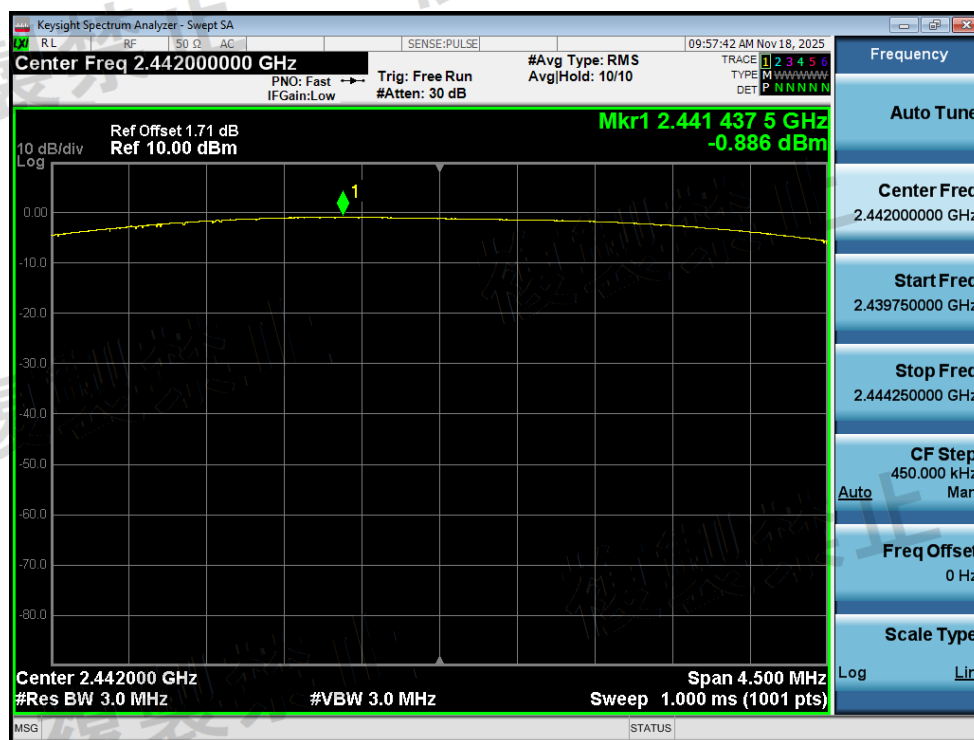
Power NVNT BLE 1M 2480MHz Ant1 Zero Span



Power NVNT BLE 2M 2402MHz Ant1 Pre Scan



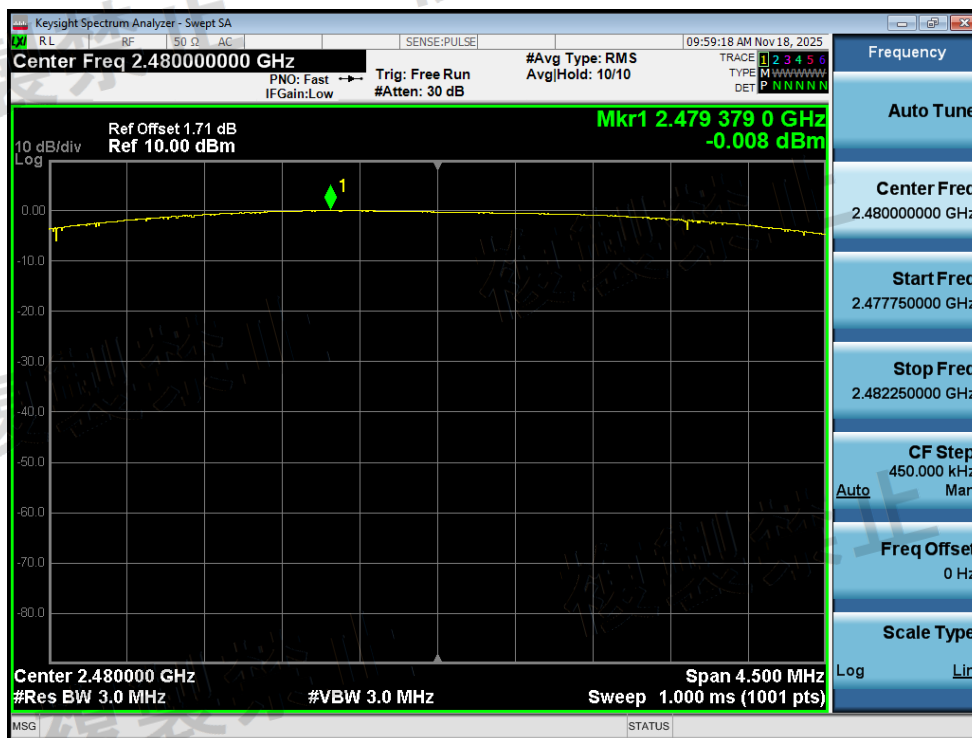
Power NVNT BLE 2M 2402MHz Ant1 Zero Span



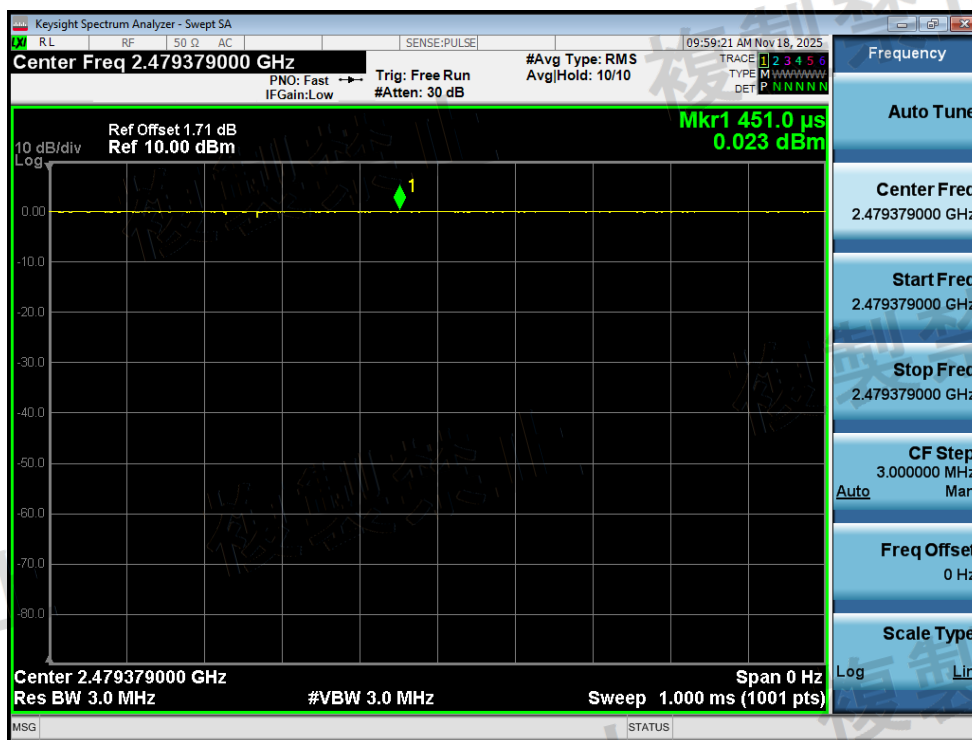
Power NVNT BLE 2M 2442MHz Ant1 Pre Scan



Power NVNT BLE 2M 2442MHz Ant1 Zero Span



Power NVNT BLE 2M 2480MHz Ant1 Pre Scan



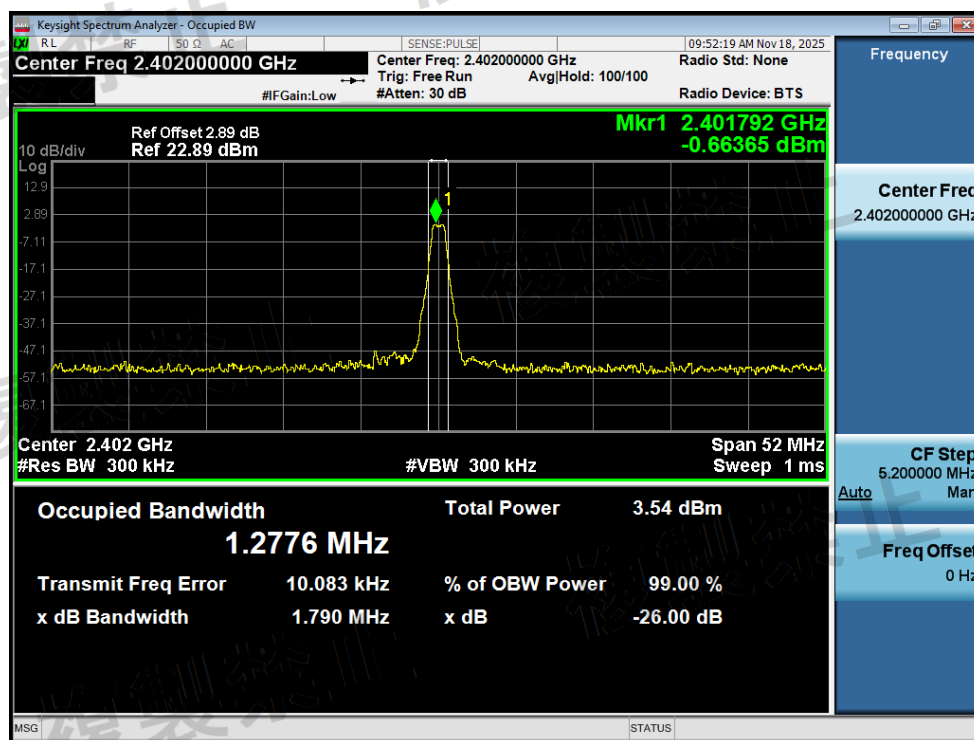
Power NVNT BLE 2M 2480MHz Ant1 Zero Span

3. EIRP Power

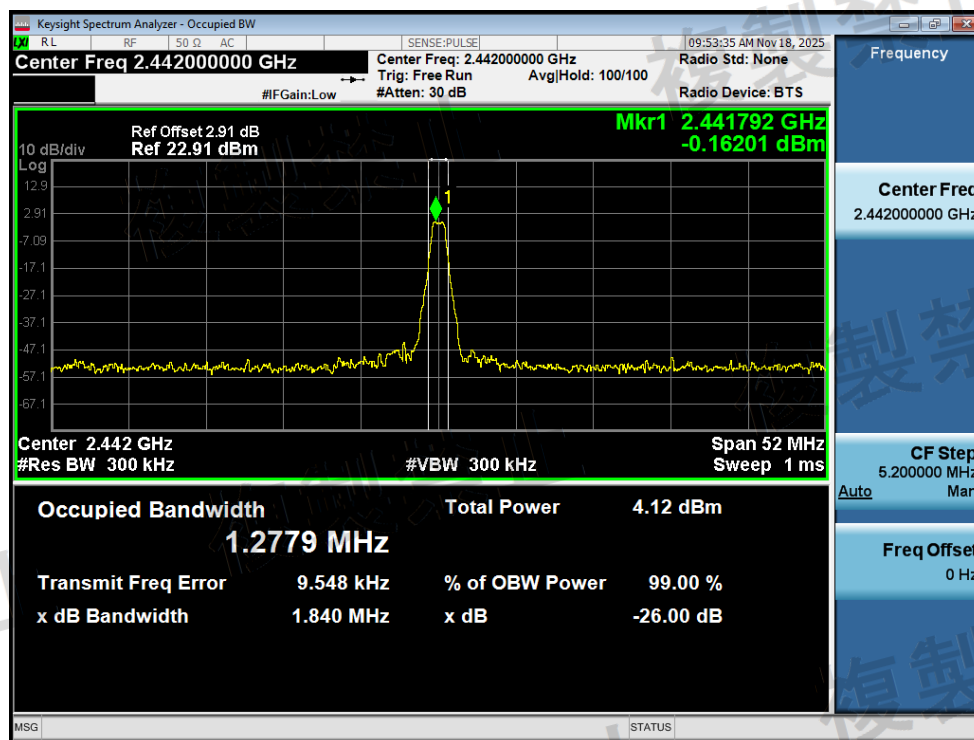
Condition	Mode	Frequency (MHz)	Antenna	Antenna Power (dBm)	Gain (dBi)	EIRP Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	-1.8	1.2	-0.6	12.14	Pass
NVNT	BLE 1M	2442	Ant1	-1.18	1.2	0.02	12.14	Pass
NVNT	BLE 1M	2480	Ant1	-0.34	1.2	0.86	12.14	Pass
NVNT	BLE 2M	2402	Ant1	-1.57	1.2	-0.37	12.14	Pass
NVNT	BLE 2M	2442	Ant1	-0.87	1.2	0.33	12.14	Pass
NVNT	BLE 2M	2480	Ant1	0.02	1.2	1.22	12.14	Pass

4. Occupied Channel Bandwidth

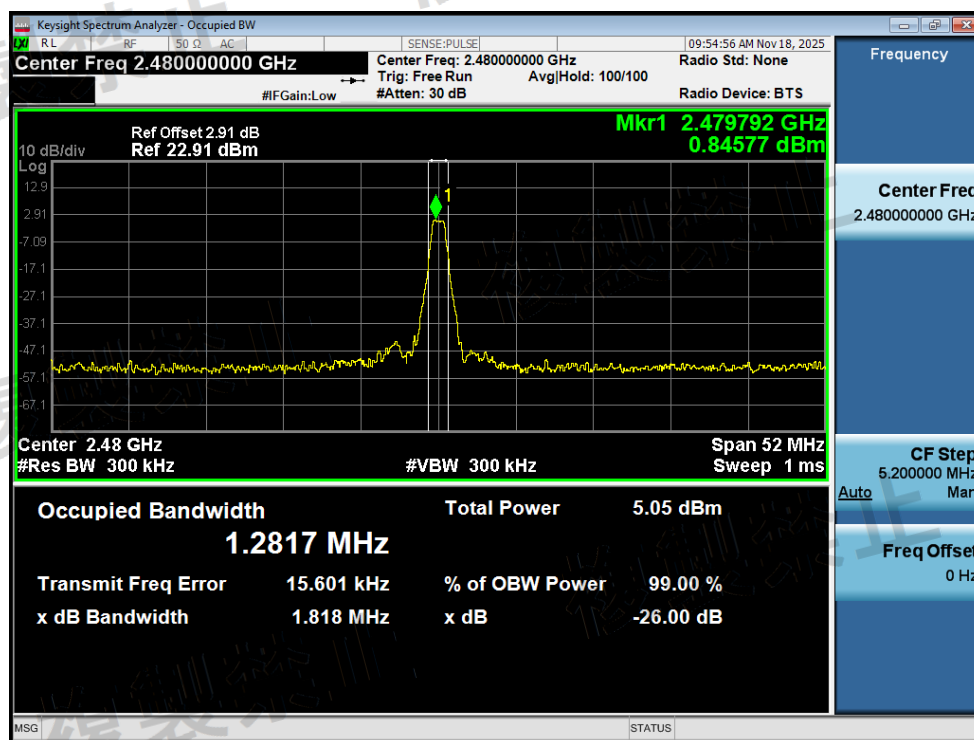
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)	Limit (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	1.278	≤ 26	Pass
NVNT	BLE 1M	2442	Ant1	1.278	≤ 26	Pass
NVNT	BLE 1M	2480	Ant1	1.282	≤ 26	Pass
NVNT	BLE 2M	2402	Ant1	2.166	≤ 26	Pass
NVNT	BLE 2M	2442	Ant1	2.195	≤ 26	Pass
NVNT	BLE 2M	2480	Ant1	2.188	≤ 26	Pass



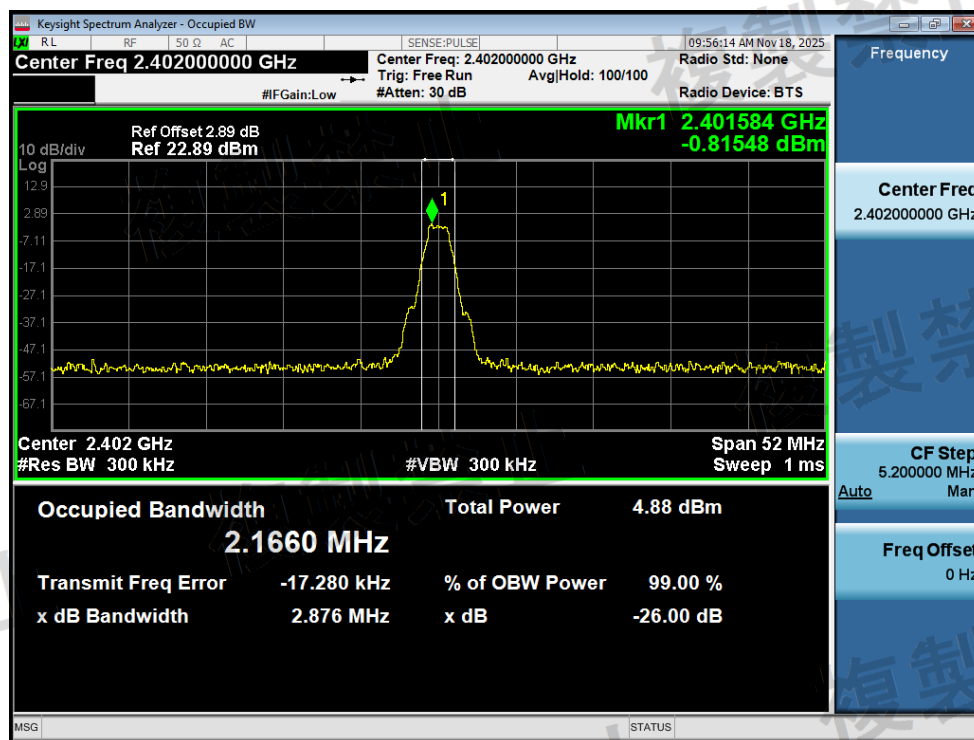
OBW NVNT BLE 1M 2402MHz Ant1



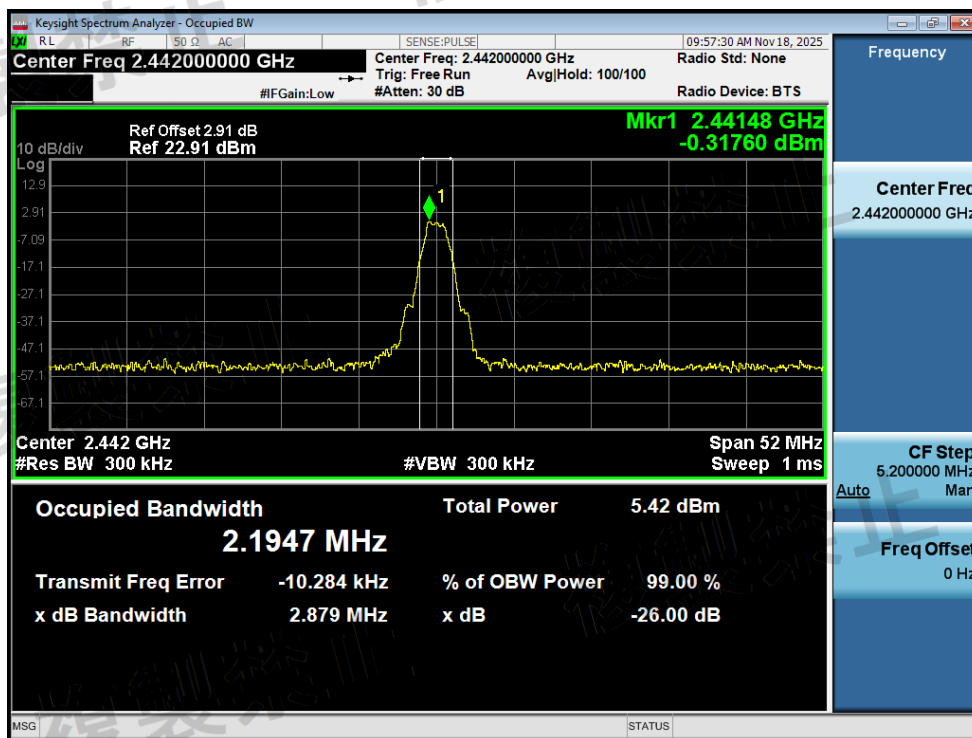
OBW NVNT BLE 1M 2442MHz Ant1



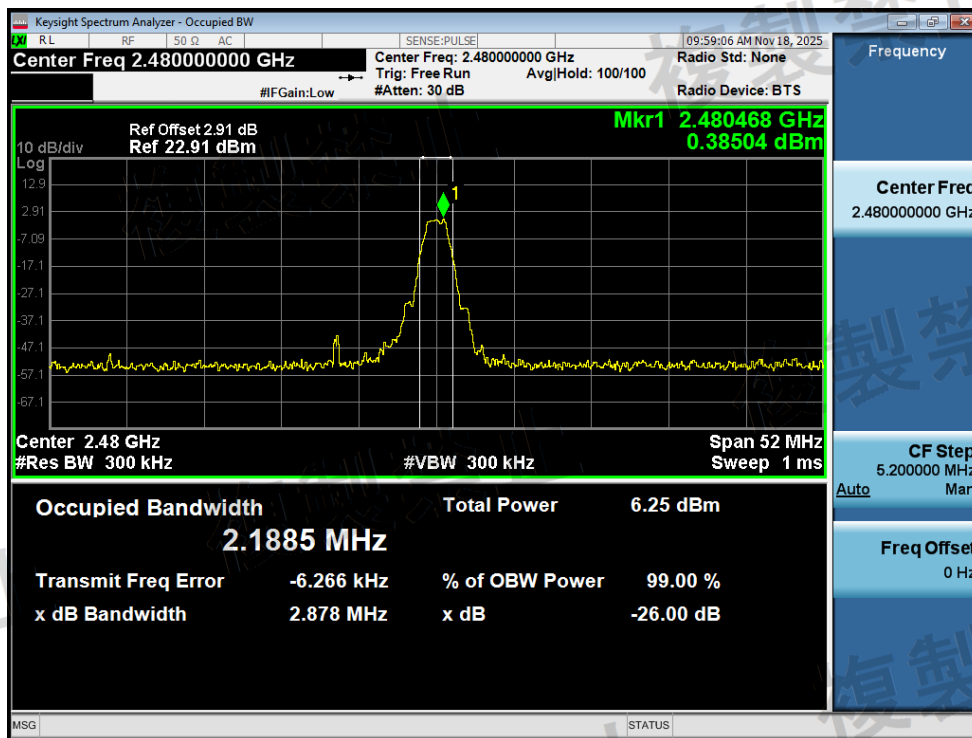
OBW NVNT BLE 1M 2480MHz Ant1



OBW NVNT BLE 2M 2402MHz Ant1



OBW NVNT BLE 2M 2442MHz Ant1

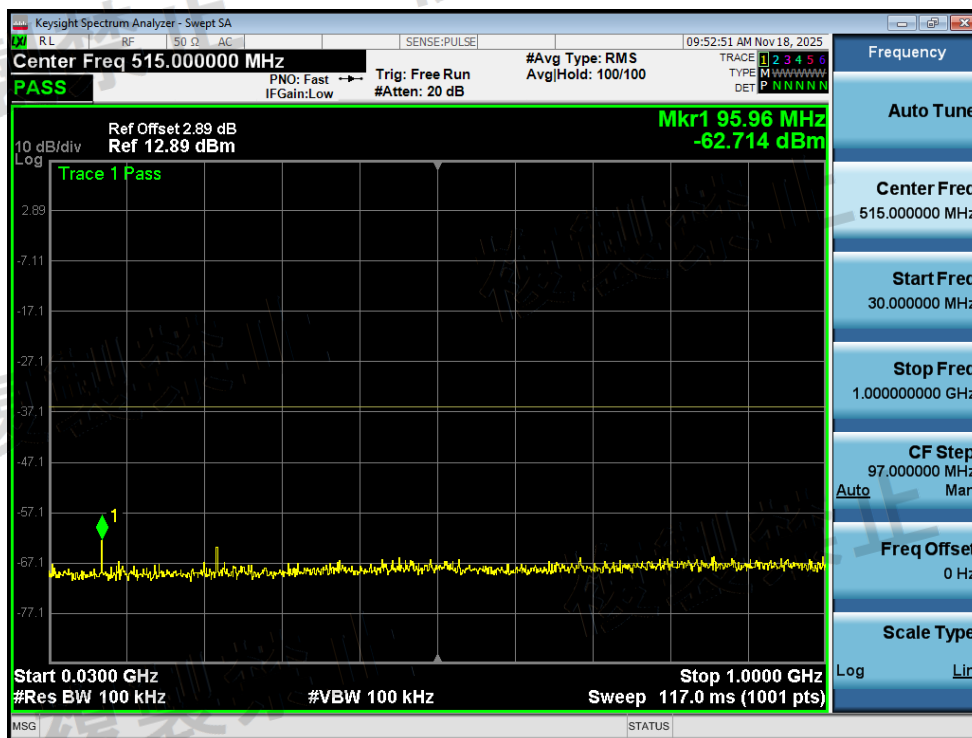


OBW NVNT BLE 2M 2480MHz Ant1

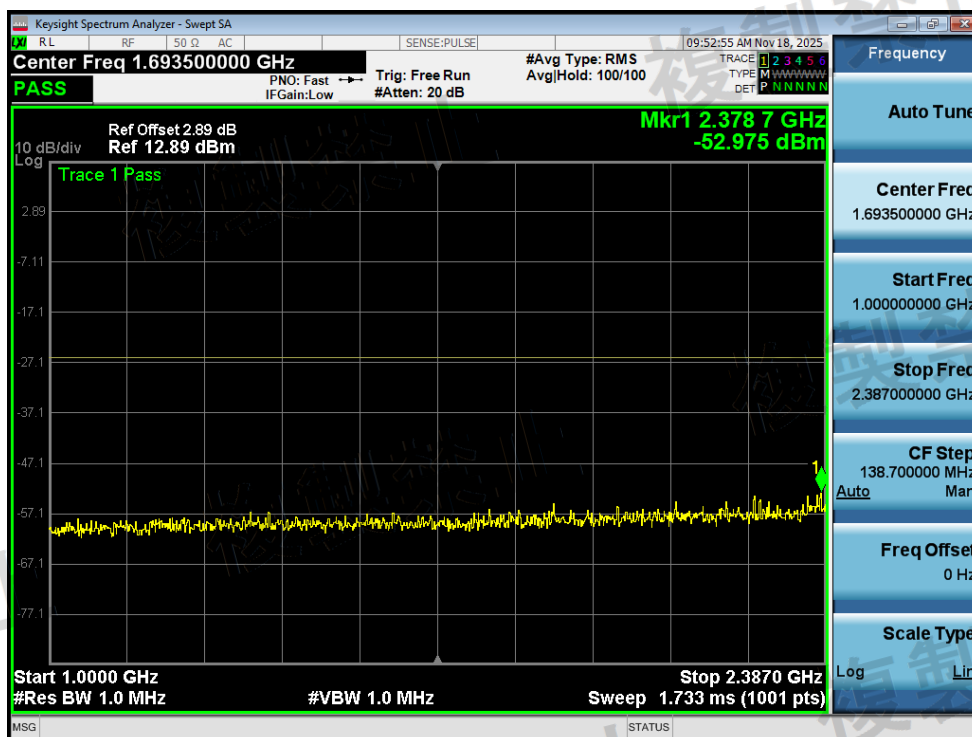
5. Tx Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Emission Frequency (MHz)	Max Value (dBm)	Max Value (μW/ MHz)	Limit (μW/ MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	30-1000	95.96	-52.71	0.0054	2.5	Pass
NVNT	BLE 1M	2402	Ant1	1000-2387	2378.68	-52.98	0.0050	2.5	Pass
NVNT	BLE 1M	2402	Ant1	2387-2400	2399.97	-34.42	0.361	25	Pass
NVNT	BLE 1M	2402	Ant1	2483.5-2496.5	2495.01	-52.93	0.005	25	Pass
NVNT	BLE 1M	2402	Ant1	2496.5-13000	2591.03	-42.69	0.054	2.5	Pass
NVNT	BLE 1M	2442	Ant1	30-1000	95.96	-54.73	0.003	2.5	Pass
NVNT	BLE 1M	2442	Ant1	1000-2387	2298.23	-45.92	0.0256	2.5	Pass
NVNT	BLE 1M	2442	Ant1	2387-2400	2395.87	-53.07	0.005	25	Pass
NVNT	BLE 1M	2442	Ant1	2483.5-2496.5	2490.05	-49.9	0.010	25	Pass
NVNT	BLE 1M	2442	Ant1	2496.5-13000	2538.51	-41.29	0.074	2.5	Pass
NVNT	BLE 1M	2480	Ant1	30-1000	903	-54.29	0.004	2.5	Pass
NVNT	BLE 1M	2480	Ant1	1000-2387	2384.23	-43.2	0.0479	2.5	Pass
NVNT	BLE 1M	2480	Ant1	2387-2400	2395.37	-54.34	0.0037	25	Pass
NVNT	BLE 1M	2480	Ant1	2483.5-2496.5	2483.8	-46.83	0.021	25	Pass
NVNT	BLE 1M	2480	Ant1	2496.5-13000	9911.97	-49.05	0.012	2.5	Pass
NVNT	BLE 2M	2402	Ant1	30-1000	95.96	-53.47	0.004	2.5	Pass
NVNT	BLE 2M	2402	Ant1	1000-2387	2258.01	-49.37	0.012	2.5	Pass
NVNT	BLE 2M	2402	Ant1	2387-2400	2400	-22.44	5.7016	25	Pass
NVNT	BLE 2M	2402	Ant1	2483.5-2496.5	2487.13	-54.45	0.004	25	Pass
NVNT	BLE 2M	2402	Ant1	2496.5-13000	2549.02	-41.02	0.079	2.5	Pass
NVNT	BLE 2M	2442	Ant1	30-1000	95.96	-51.81	0.007	2.5	Pass
NVNT	BLE 2M	2442	Ant1	1000-2387	2321.81	-55.16	0.003	2.5	Pass
NVNT	BLE 2M	2442	Ant1	2387-2400	2396.02	-52.84	0.0052	25	Pass
NVNT	BLE 2M	2442	Ant1	2483.5-2496.5	2488.99	-52.37	0.0058	25	Pass
NVNT	BLE 2M	2442	Ant1	2496.5-13000	9764.92	-48.95	0.013	2.5	Pass
NVNT	BLE 2M	2480	Ant1	30-1000	95.96	-52.22	0.006	2.5	Pass
NVNT	BLE 2M	2480	Ant1	1000-2387	2371.74	-54.45	0.004	2.5	Pass
NVNT	BLE 2M	2480	Ant1	2387-2400	2387.84	-54.94	0.003	25	Pass
NVNT	BLE 2M	2480	Ant1	2483.5-2496.5	2485.33	-46.91	0.0204	25	Pass
NVNT	BLE 2M	2480	Ant1	2496.5-13000	2717.07	-48.62	0.014	2.5	Pass

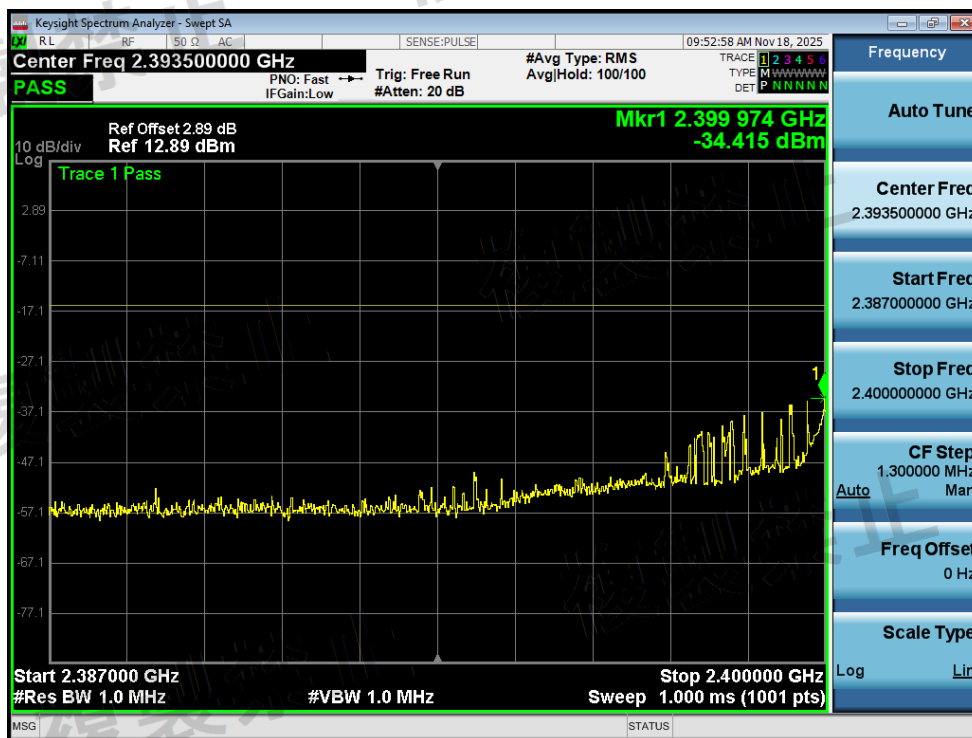
Note: For 30-1000MHz test data, the RBW of the spectrum analyzer is 100kHz, the data measured with RBW=100kHz needs to add 10dB to get the calculated data of RBW=1Mhz.



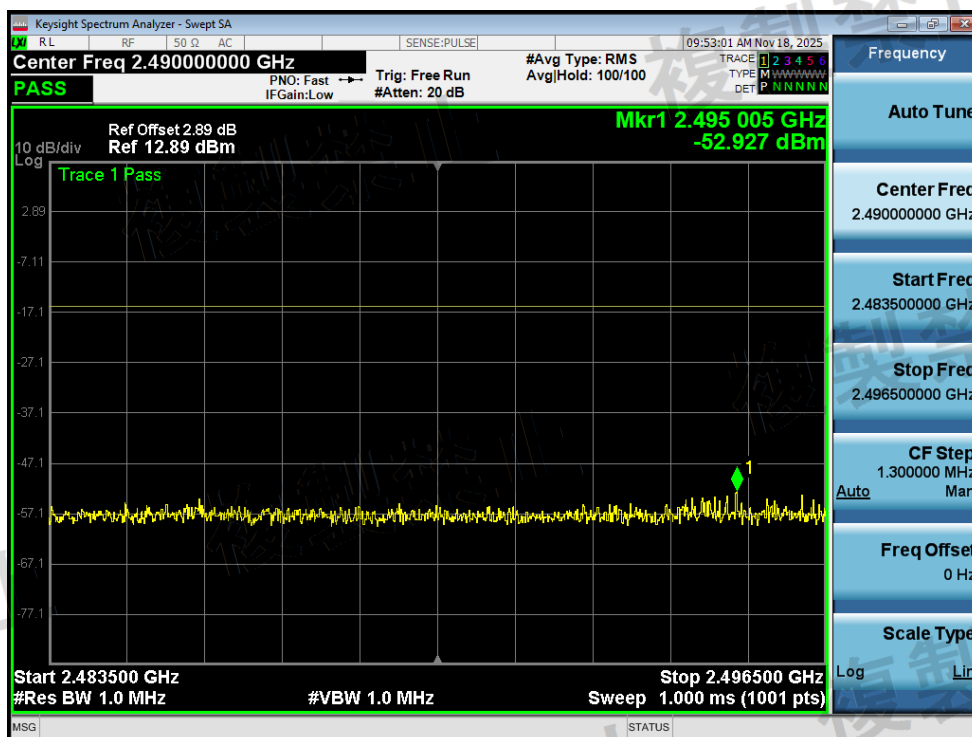
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 30MHz-1000MHz



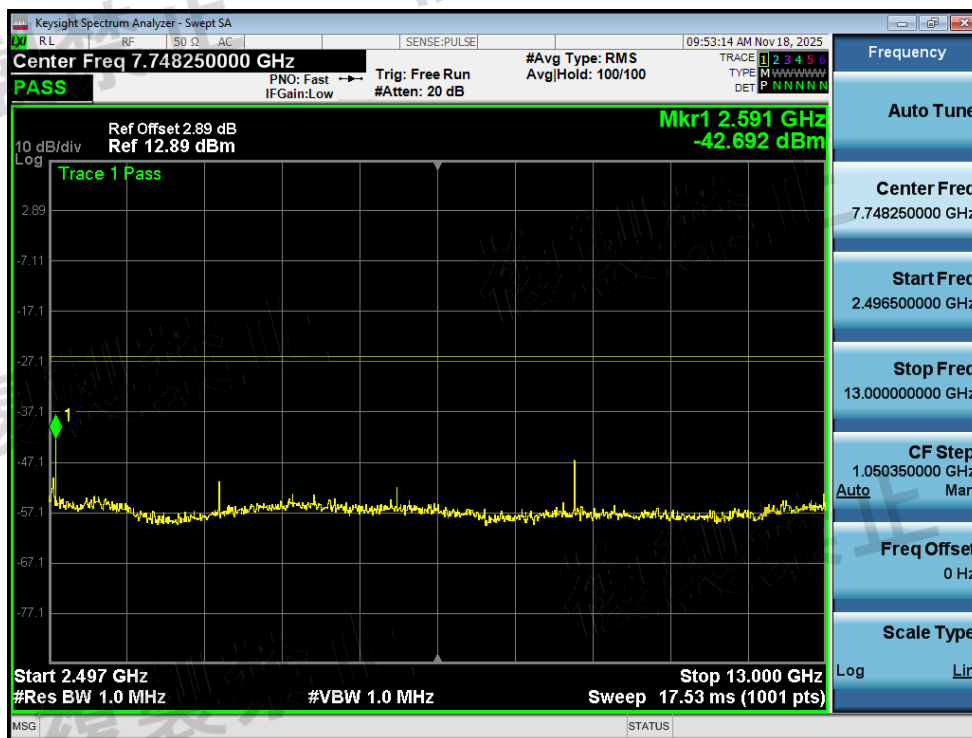
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 1000MHz-2387MHz



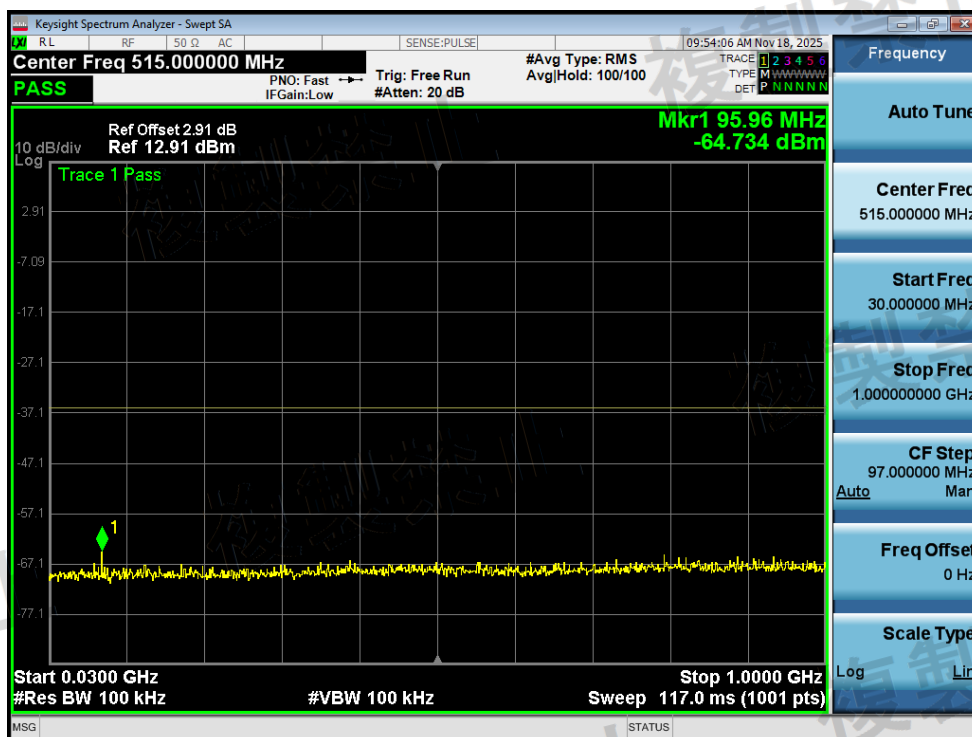
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 2387MHz-2400MHz



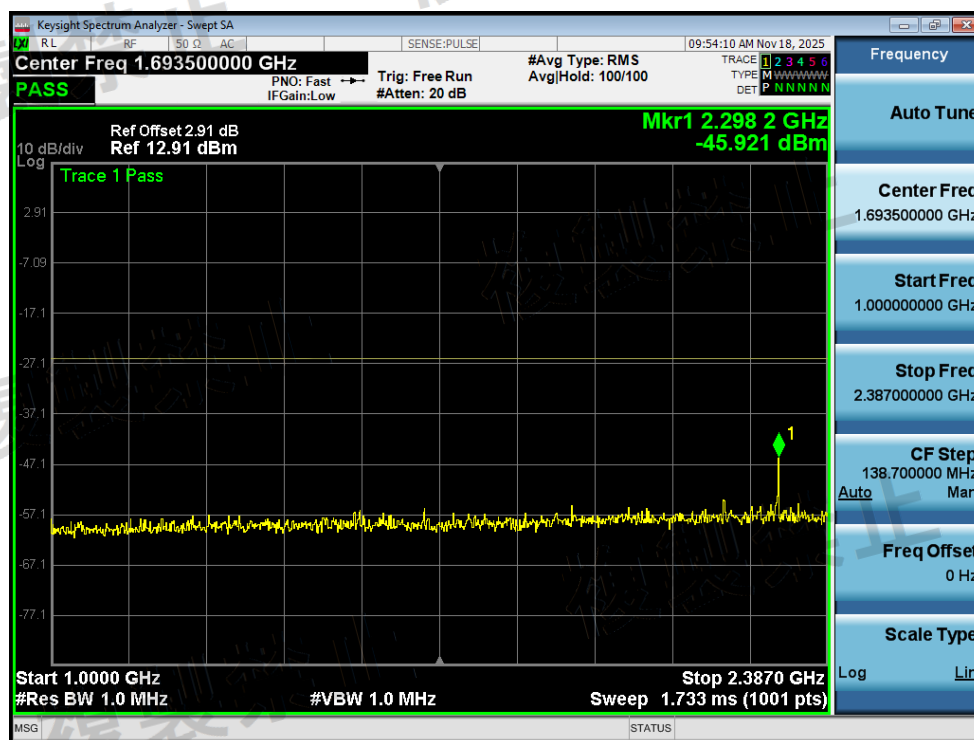
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 2483.5MHz-2496.5MHz



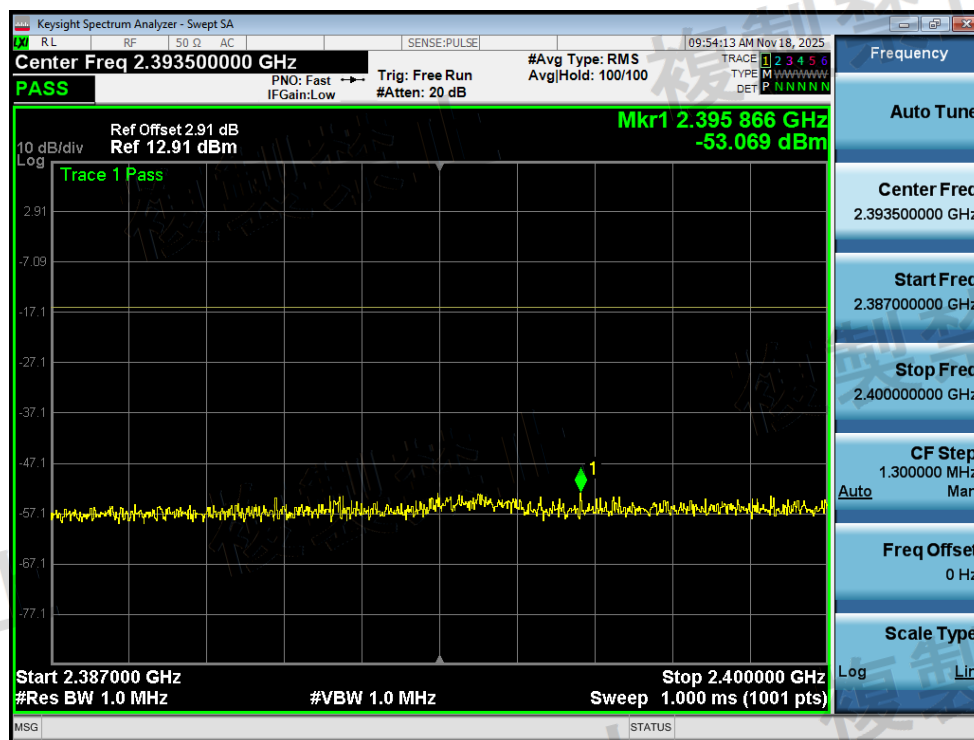
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 2496.5MHz-13000MHz



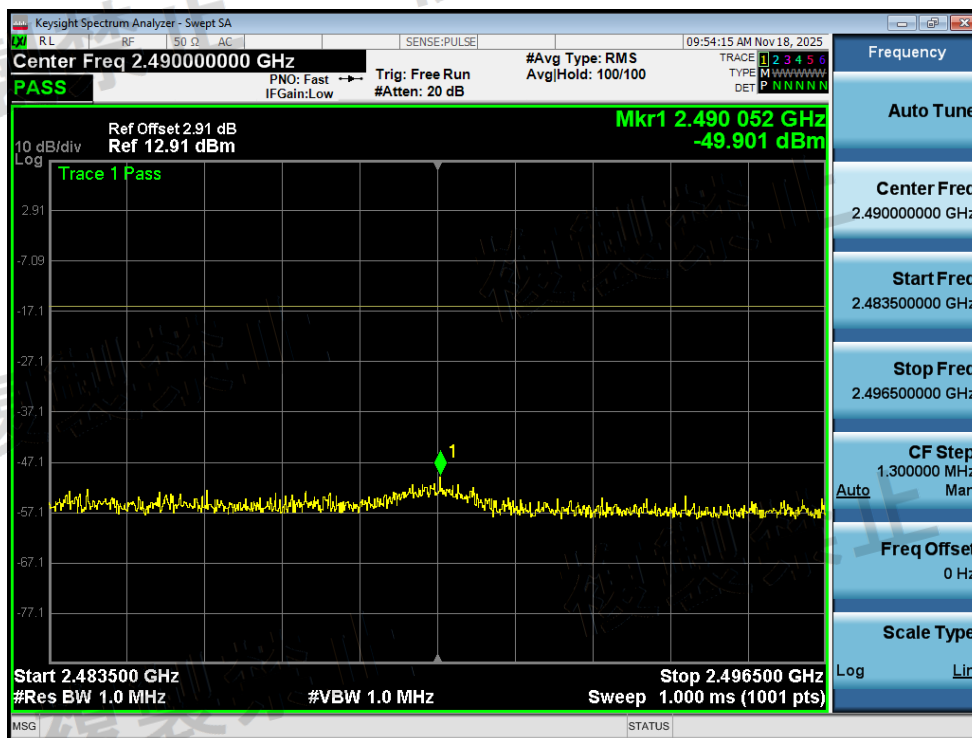
Tx. Spurious NVNT BLE 1M 2442MHz Ant1 @ 30MHz-1000MHz



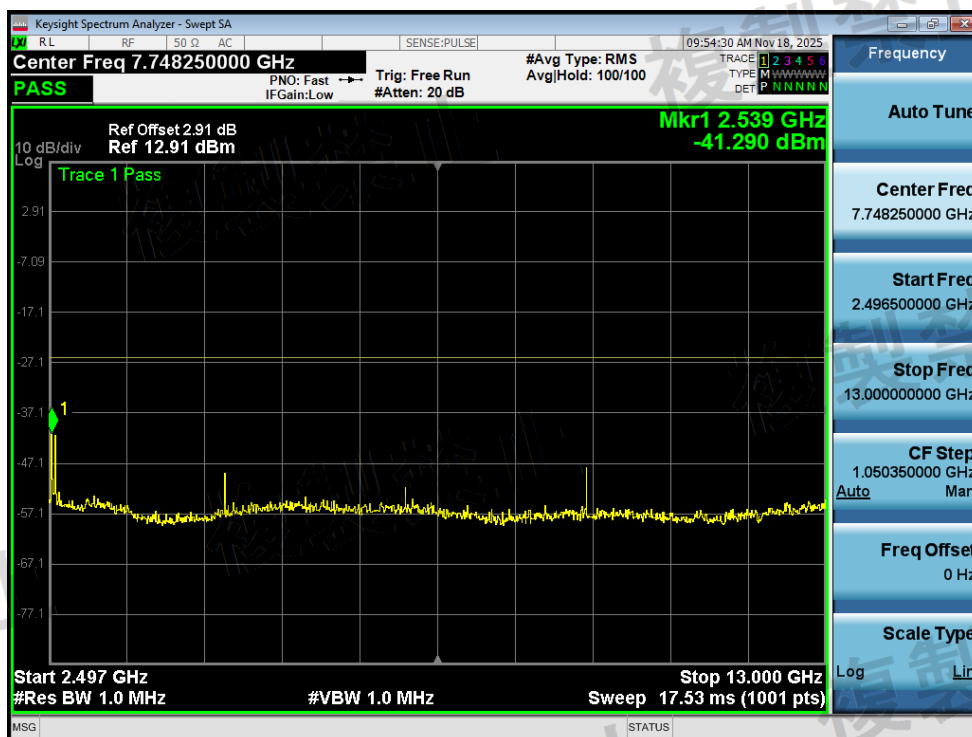
Tx. Spurious NVNT BLE 1M 2442MHz Ant1 @ 1000MHz-2387MHz



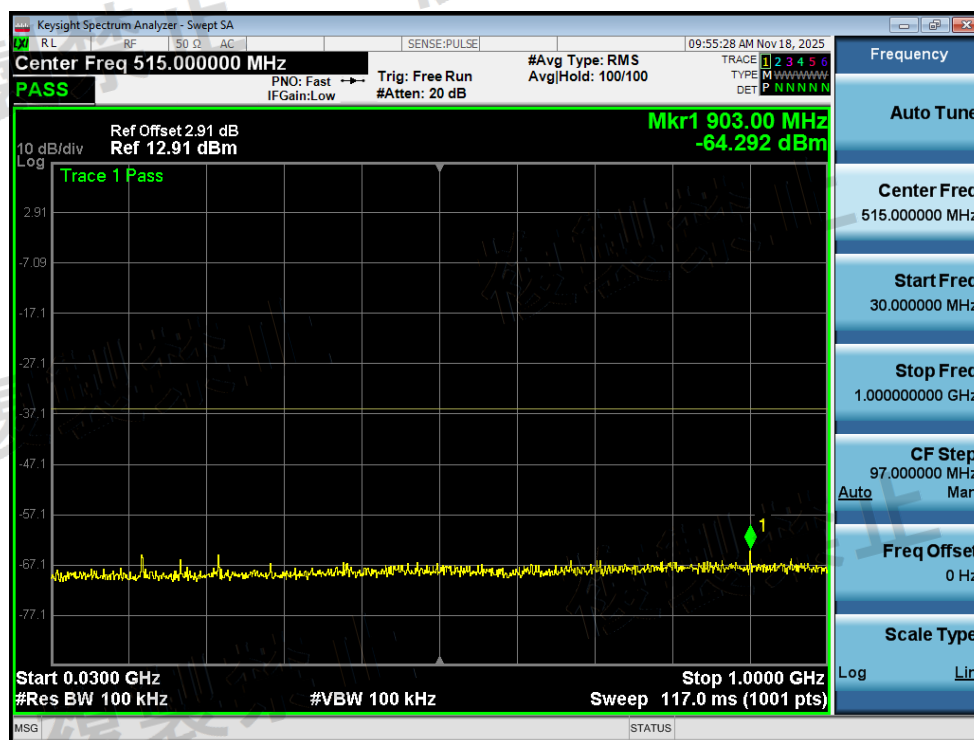
Tx. Spurious NVNT BLE 1M 2442MHz Ant1 @ 2387MHz-2400MHz



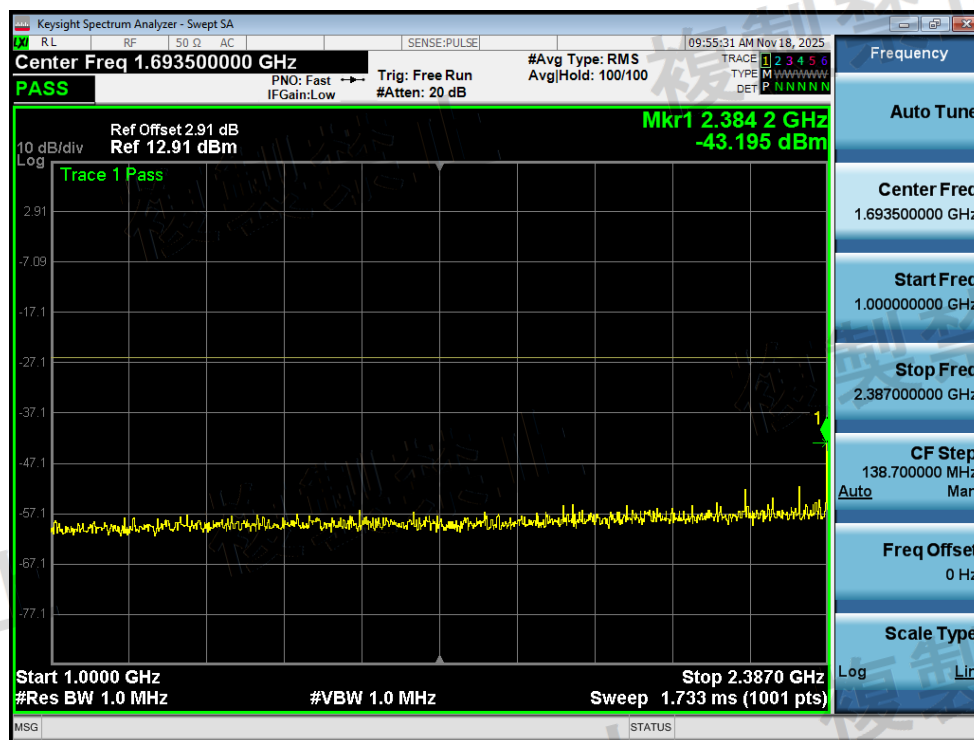
Tx. Spurious NVNT BLE 1M 2442MHz Ant1 @ 2483.5MHz-2496.5MHz



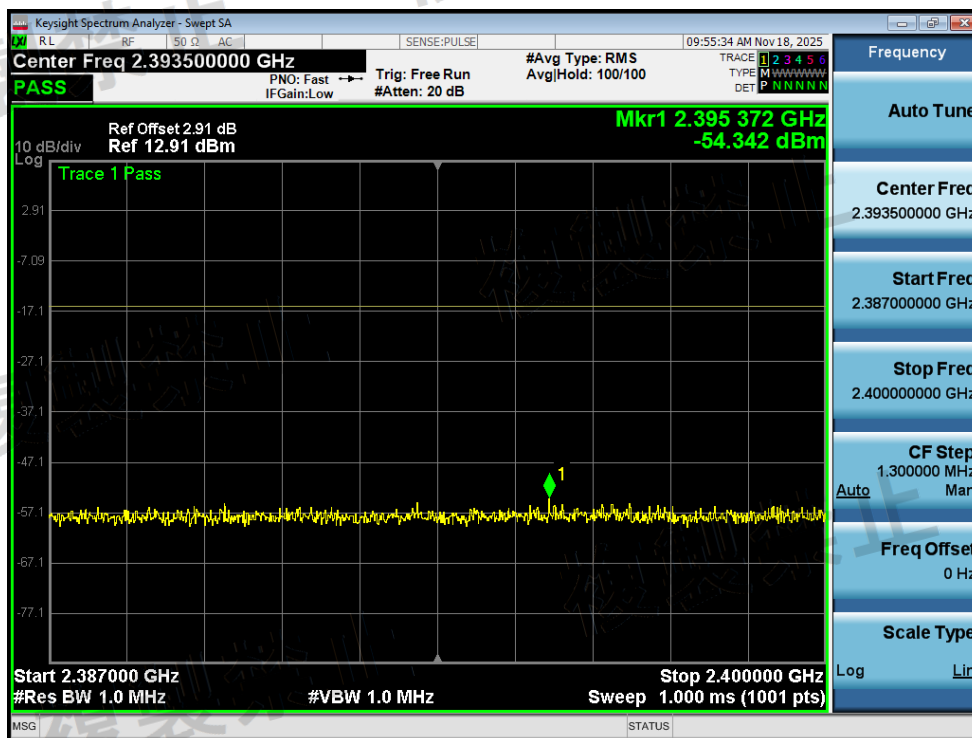
Tx. Spurious NVNT BLE 1M 2442MHz Ant1 @ 2496.5MHz-13000MHz



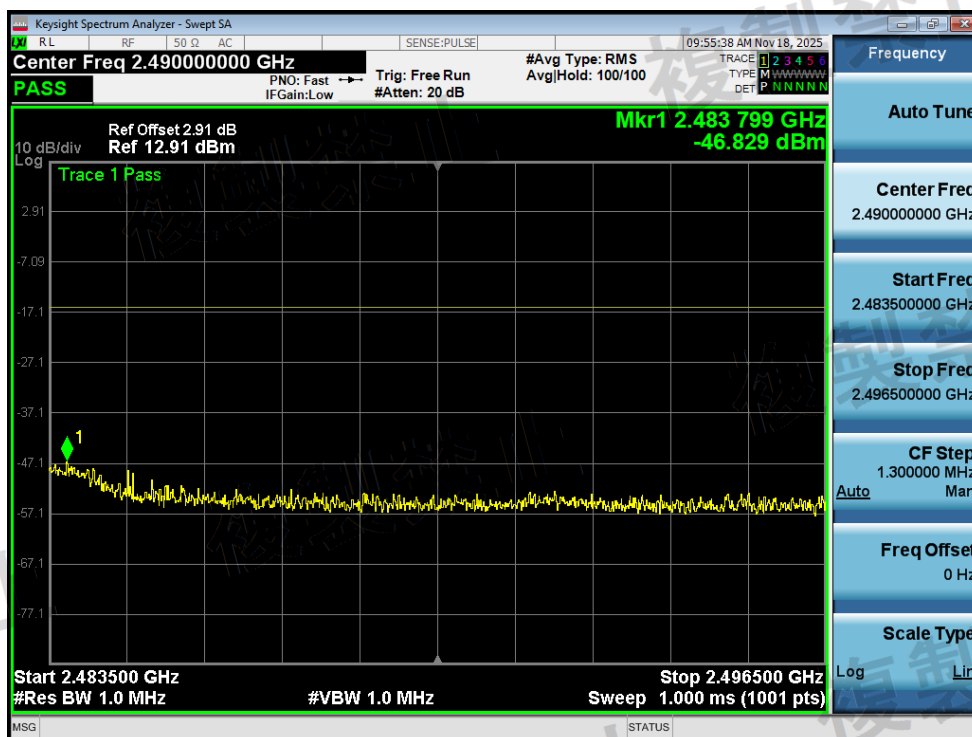
Tx. Spurious NVNT BLE 1M 2480MHz Ant1 @ 30MHz-1000MHz



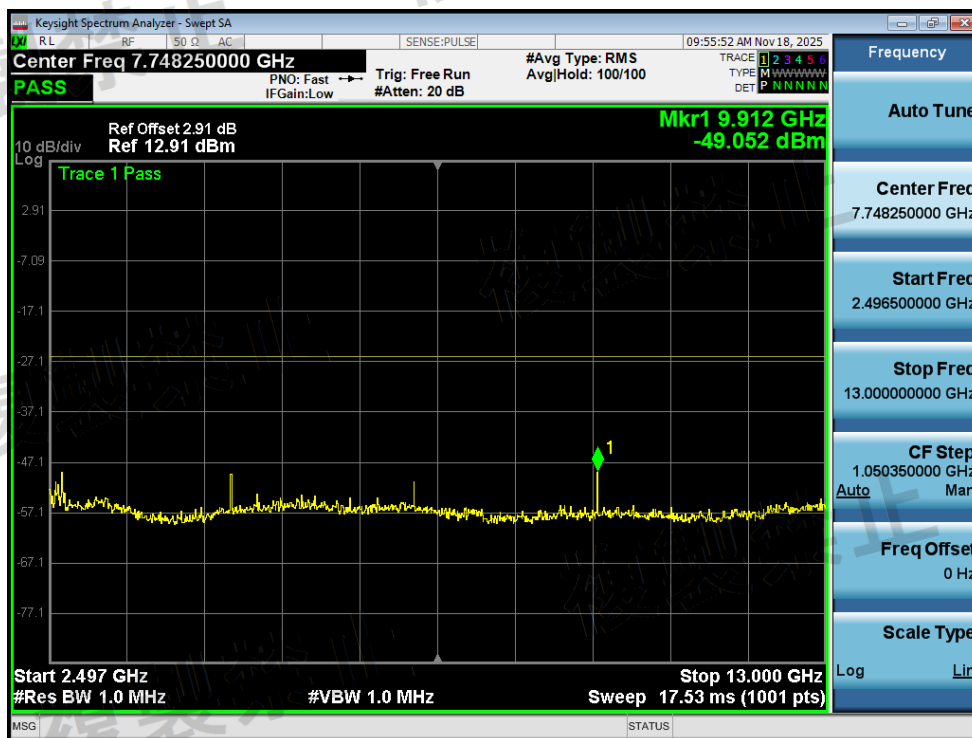
Tx. Spurious NVNT BLE 1M 2480MHz Ant1 @ 1000MHz-2387MHz



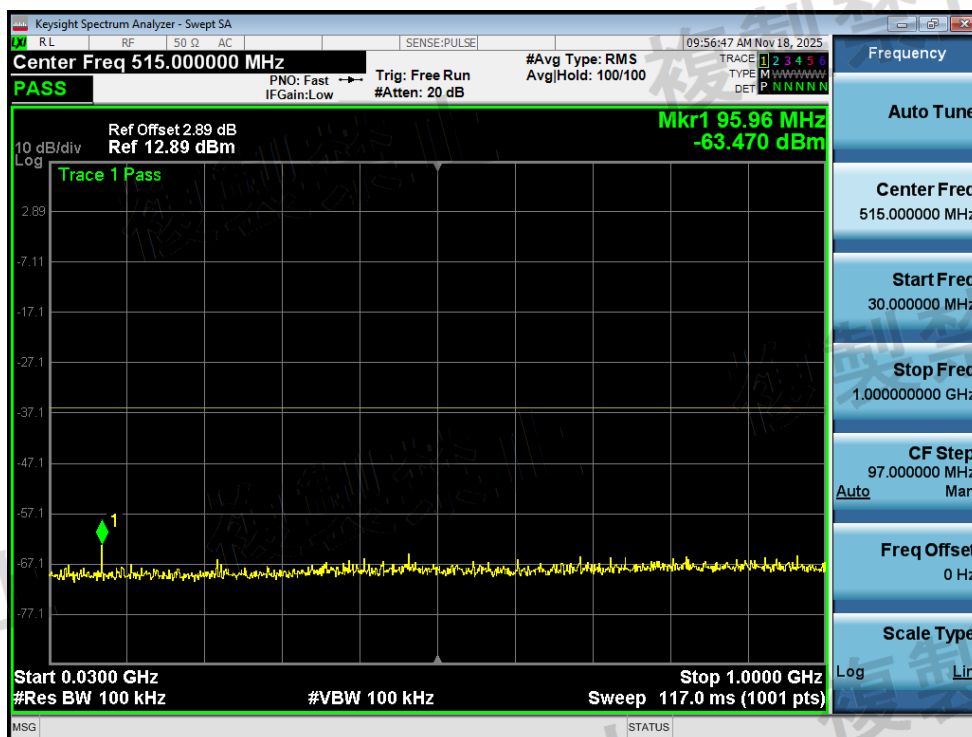
Tx. Spurious NVNT BLE 1M 2480MHz Ant1 @ 2387MHz-2400MHz



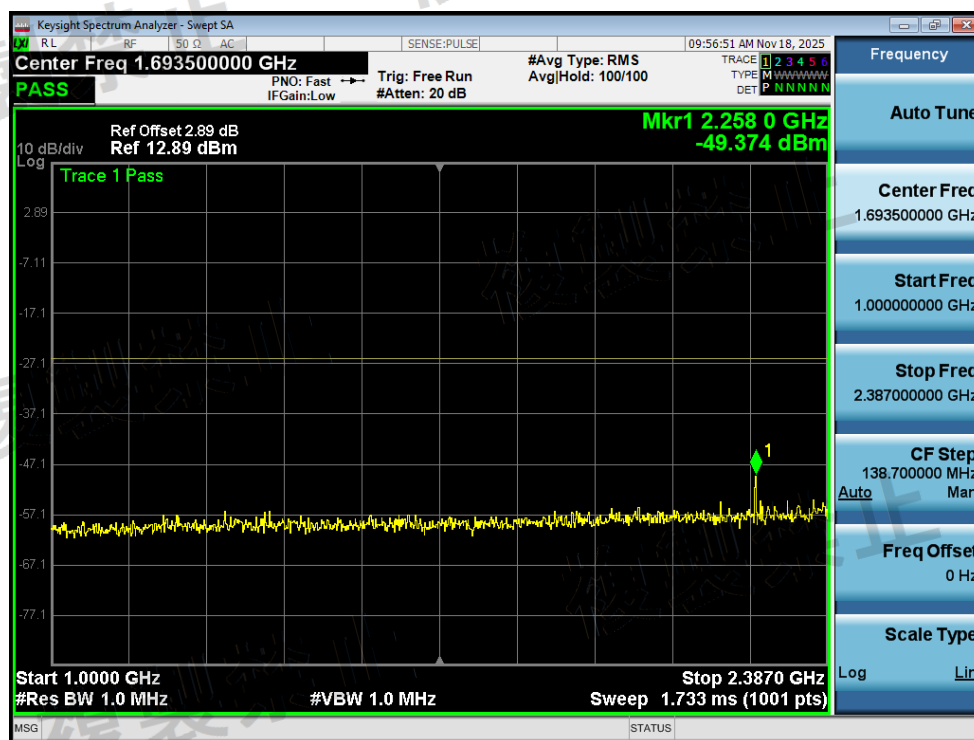
Tx. Spurious NVNT BLE 1M 2480MHz Ant1 @ 2483.5MHz-2496.5MHz



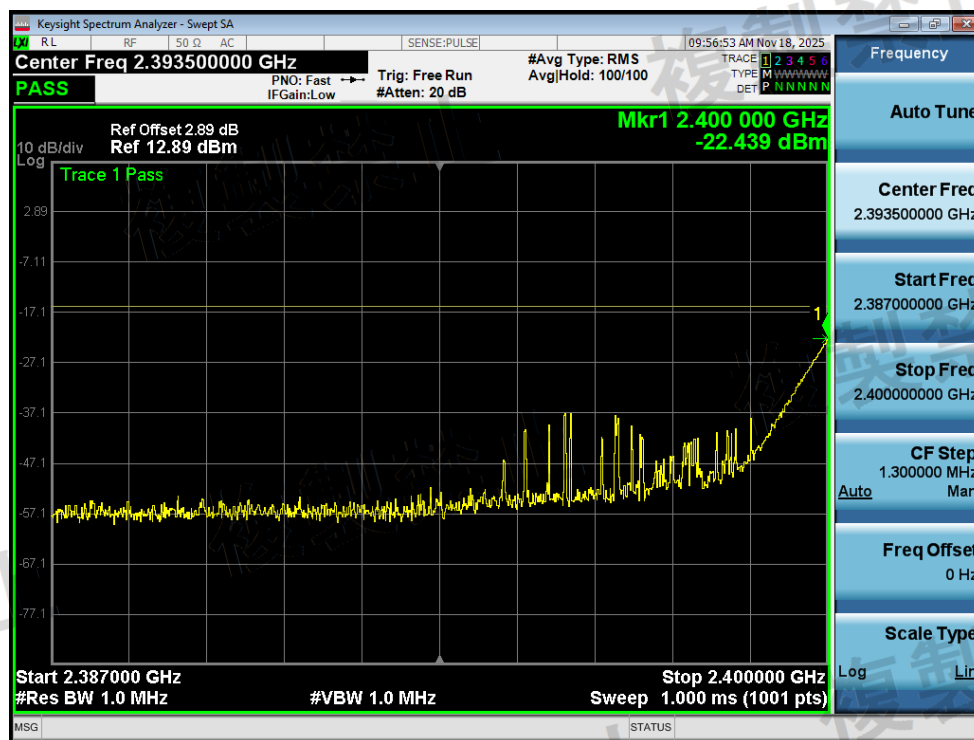
Tx. Spurious NVNT BLE 1M 2480MHz Ant1 @ 2496.5MHz-13000MHz



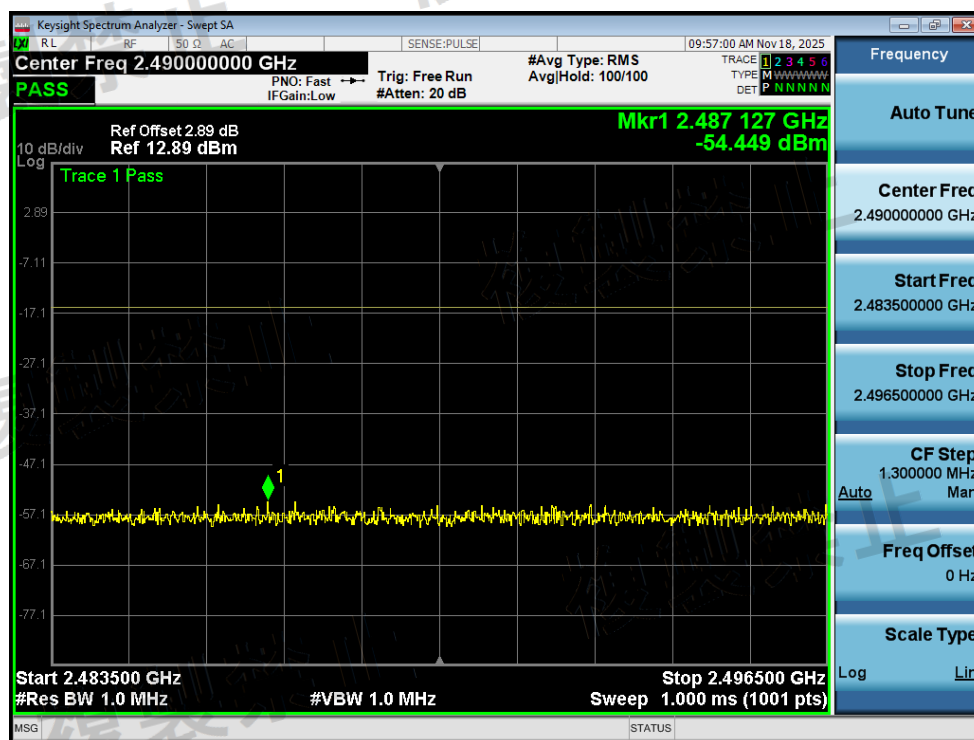
Tx. Spurious NVNT BLE 2M 2402MHz Ant1 @ 30MHz-1000MHz



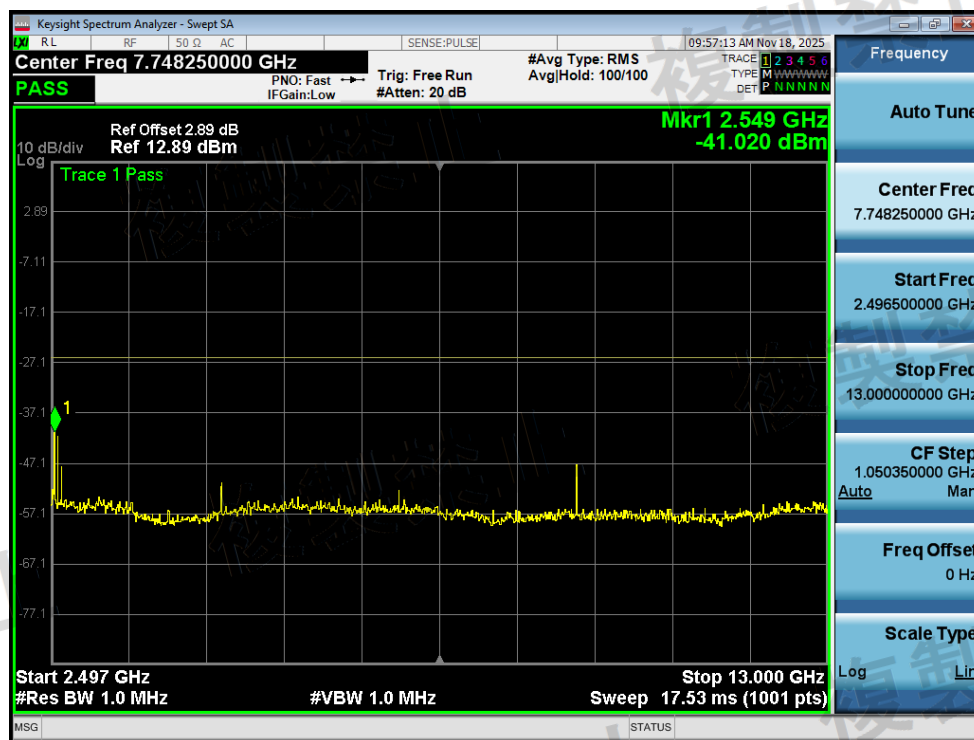
Tx. Spurious NVNT BLE 2M 2402MHz Ant1 @ 1000MHz-2387MHz



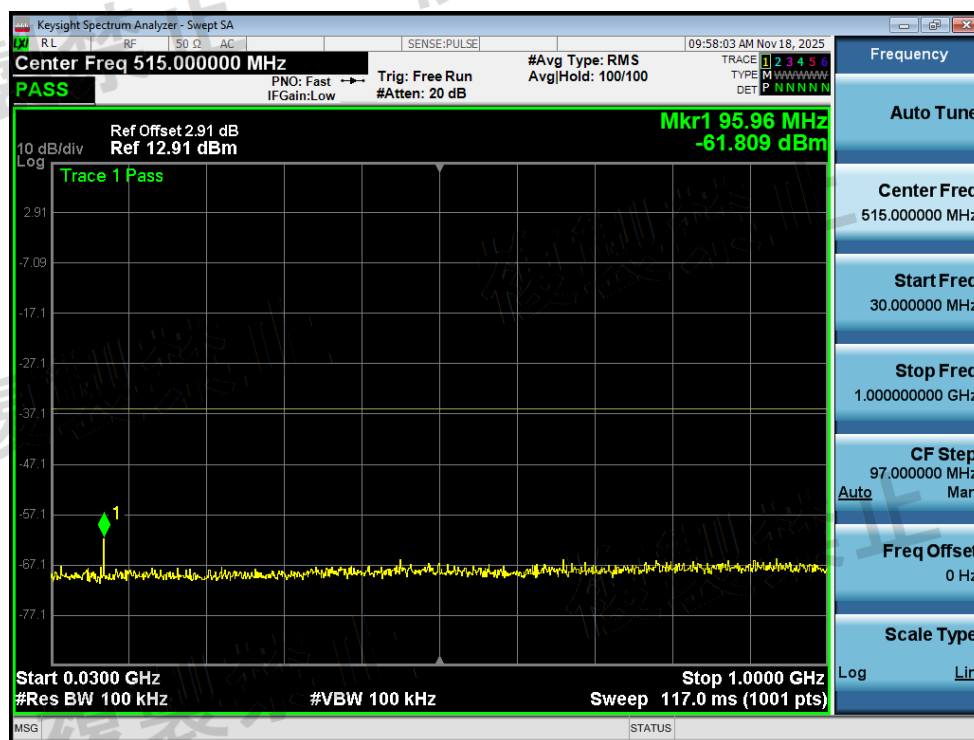
Tx. Spurious NVNT BLE 2M 2402MHz Ant1 @ 2387MHz-2400MHz



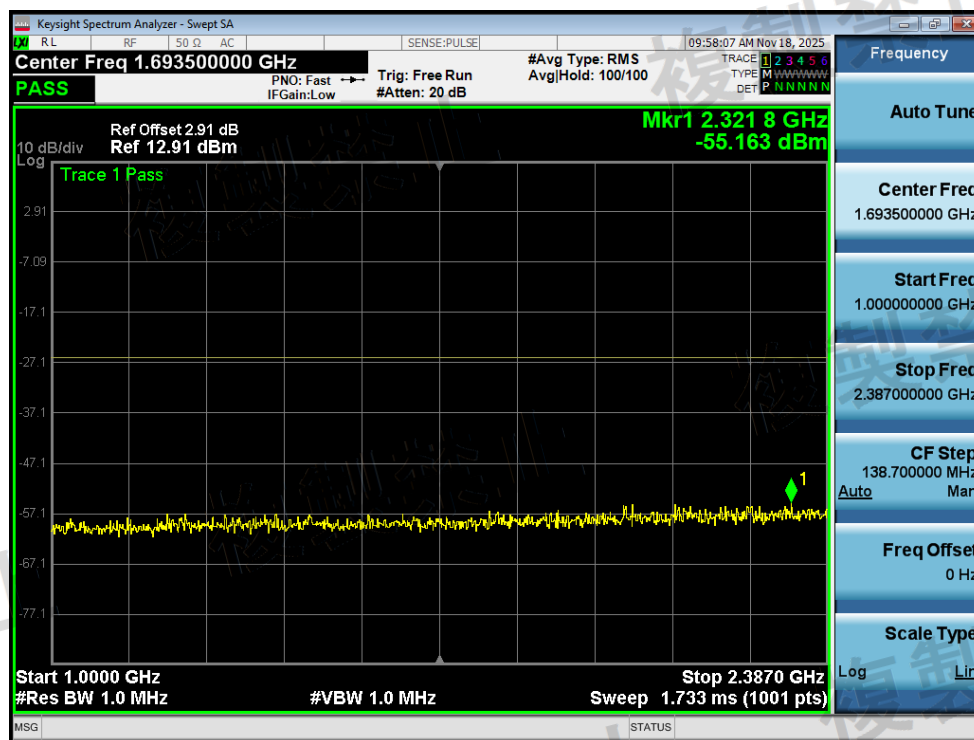
Tx. Spurious NVNT BLE 2M 2402MHz Ant1 @ 2483.5MHz-2496.5MHz



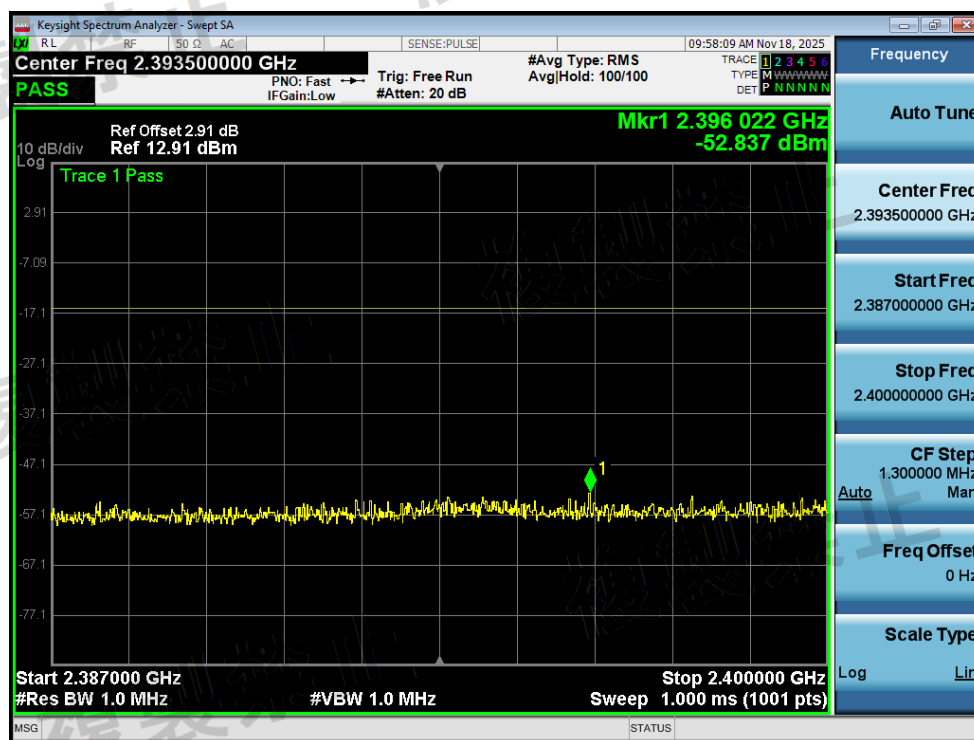
Tx. Spurious NVNT BLE 2M 2402MHz Ant1 @ 2496.5MHz-13000MHz



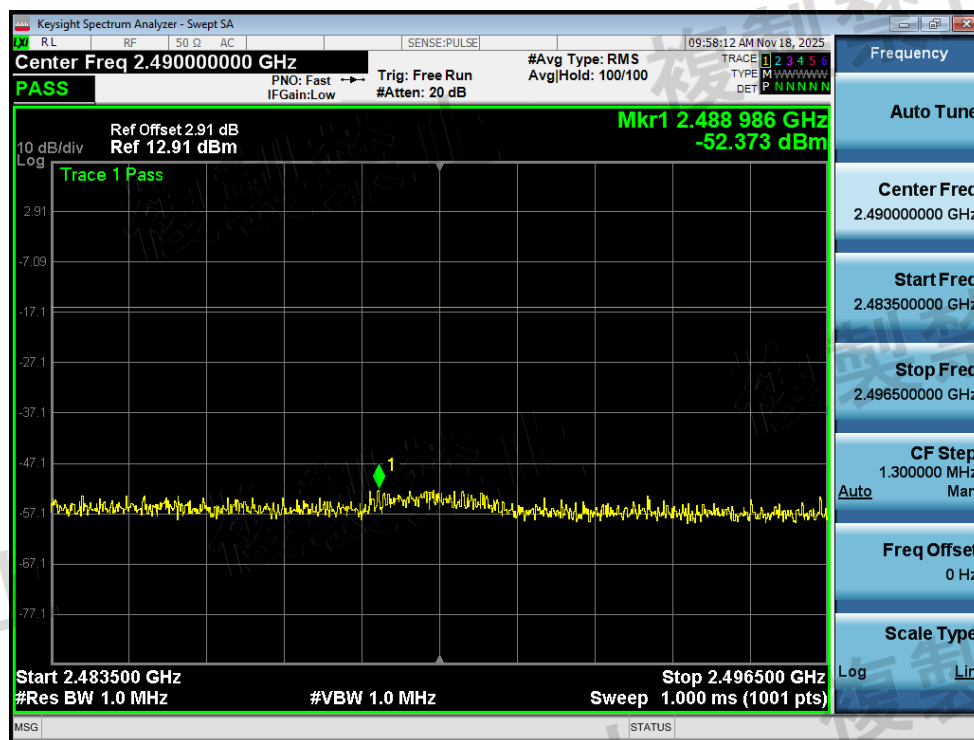
Tx. Spurious NVNT BLE 2M 2442MHz Ant1 @ 30MHz-1000MHz



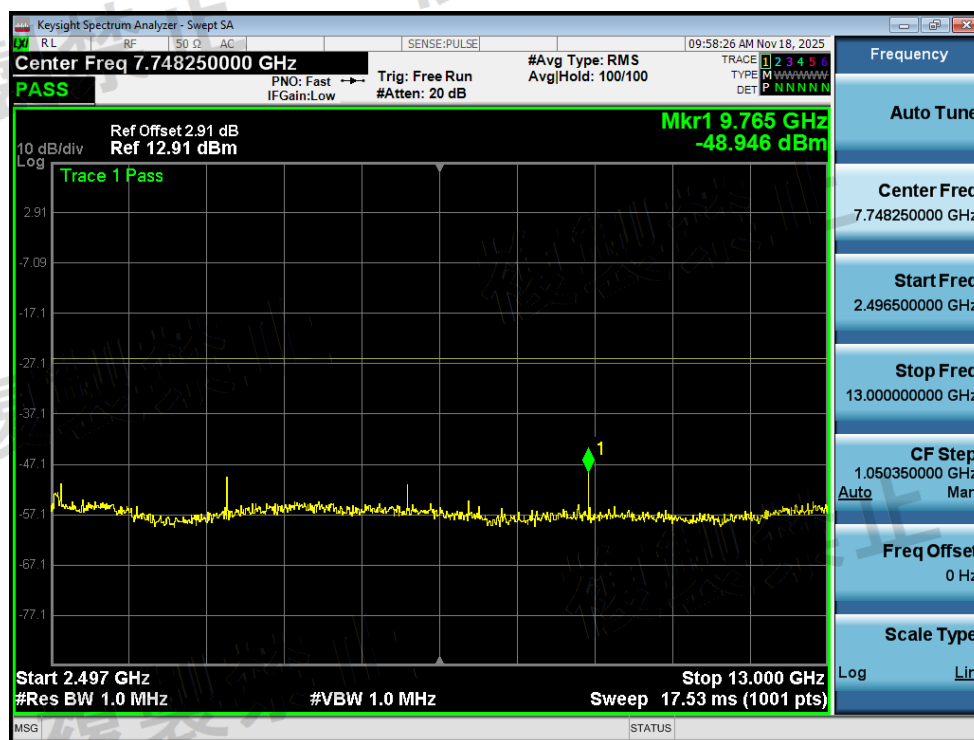
Tx. Spurious NVNT BLE 2M 2442MHz Ant1 @ 1000MHz-2387MHz



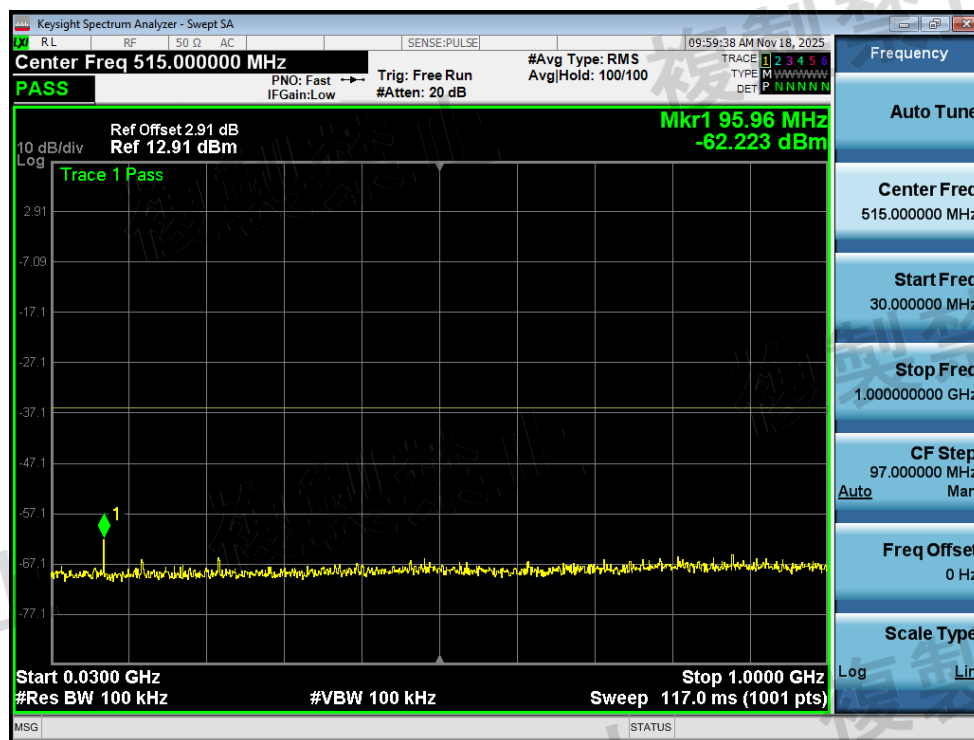
Tx. Spurious NVNT BLE 2M 2442MHz Ant1 @ 2387MHz-2400MHz



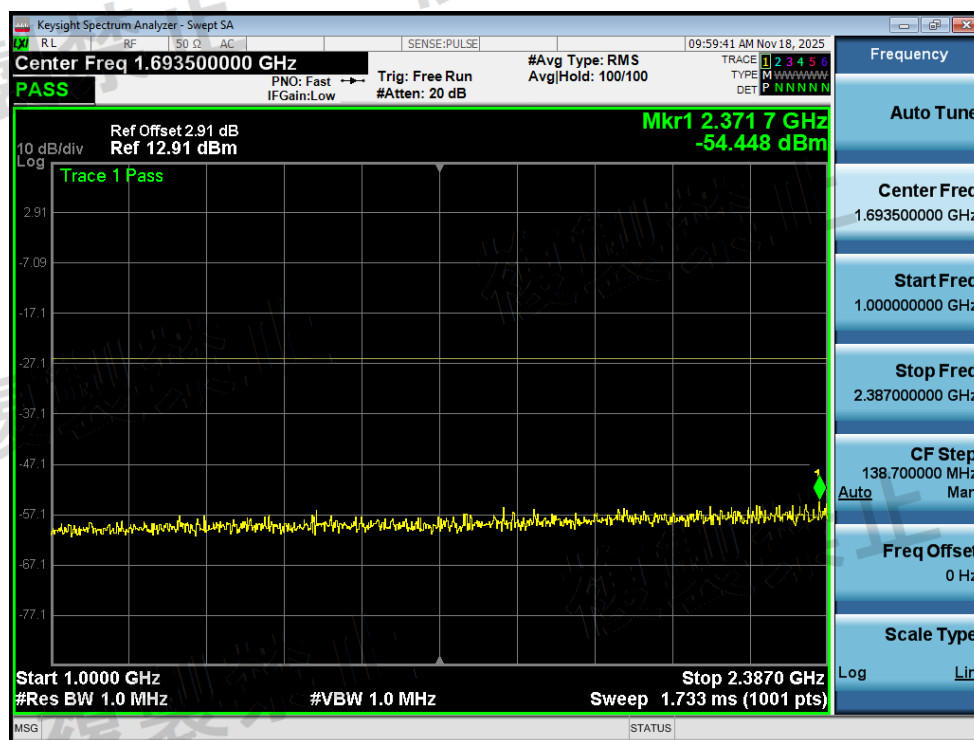
Tx. Spurious NVNT BLE 2M 2442MHz Ant1 @ 2483.5MHz-2496.5MHz



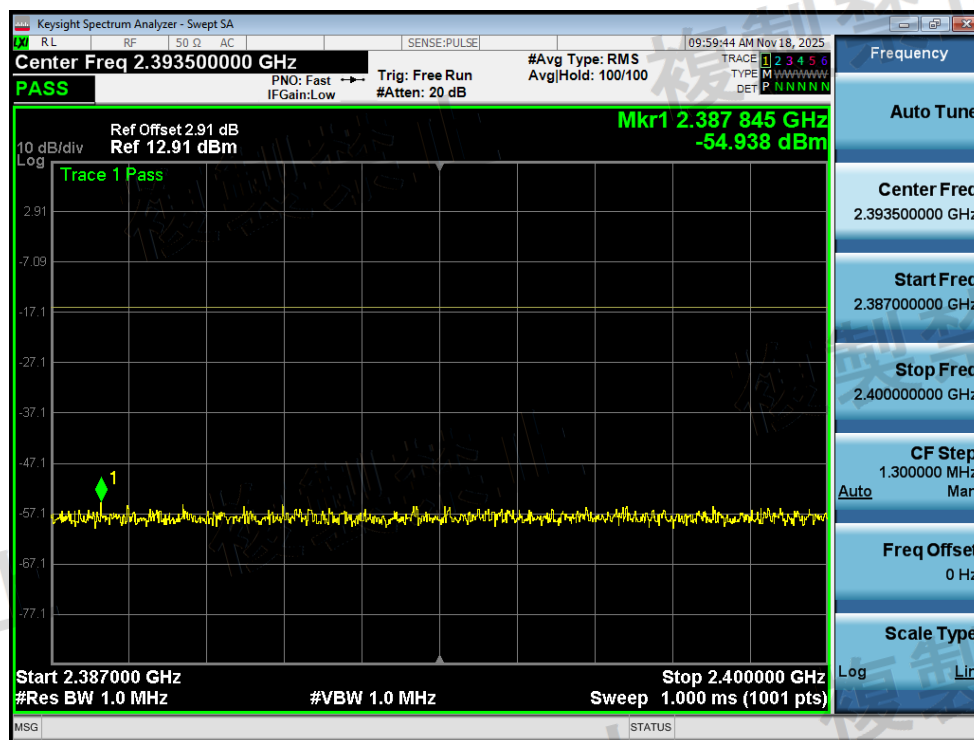
Tx. Spurious NVNT BLE 2M 2442MHz Ant1 @ 2496.5MHz-13000MHz



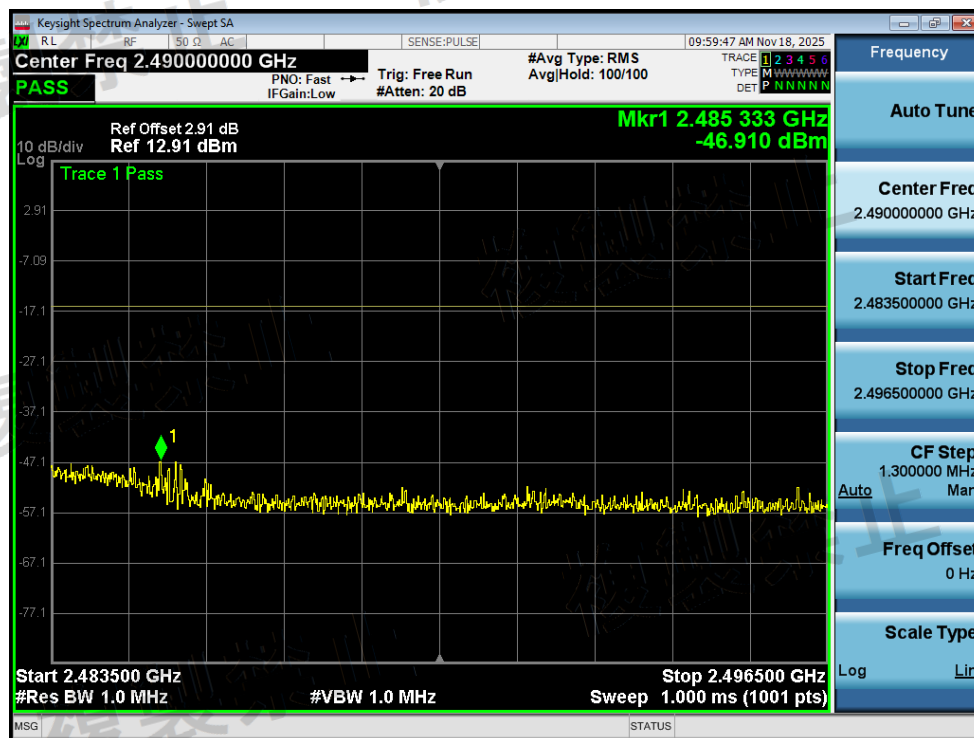
Tx. Spurious NVNT BLE 2M 2480MHz Ant1 @ 30MHz-1000MHz



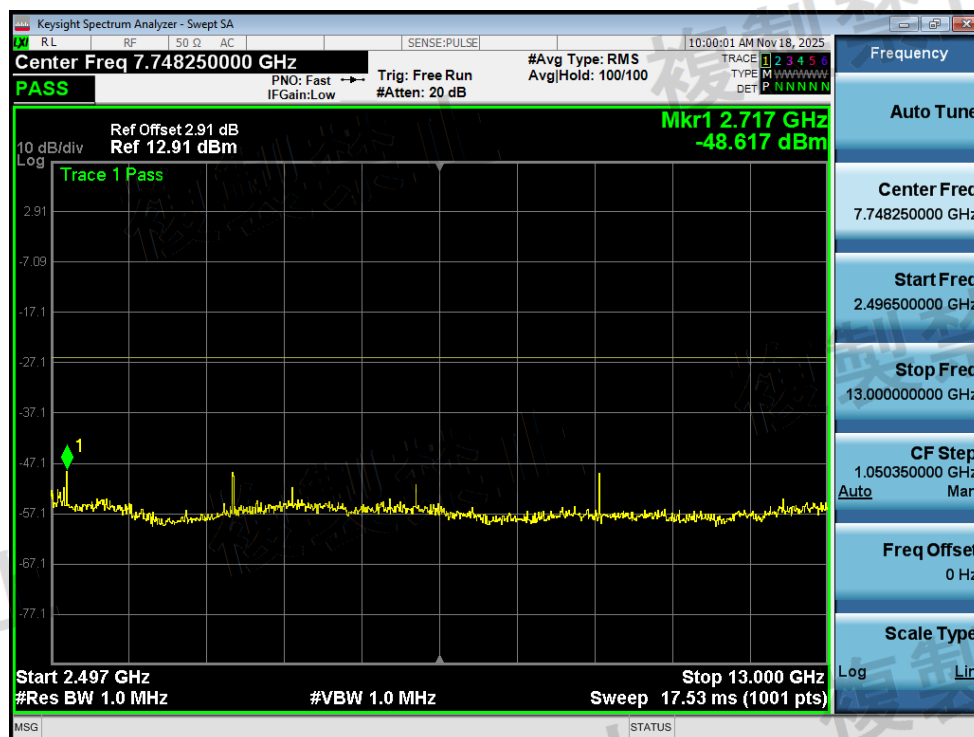
Tx. Spurious NVNT BLE 2M 2480MHz Ant1 @ 1000MHz-2387MHz



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



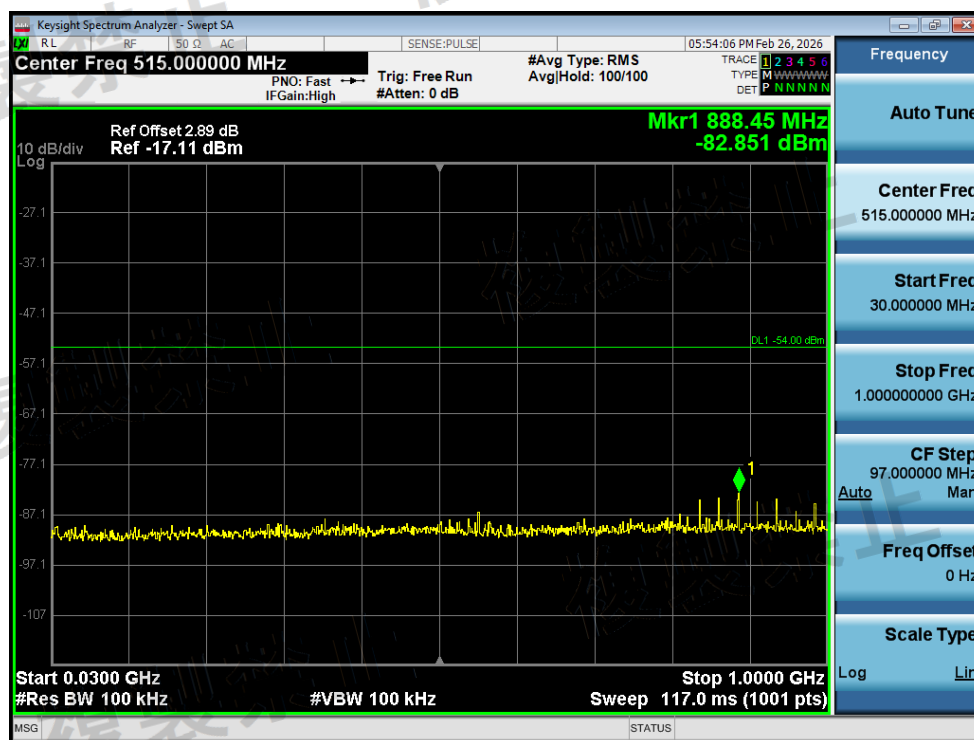
Tx. Spurious NVNT BLE 2M 2480MHz Ant1 @ 2483.5MHz-2496.5MHz



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

6. Rx Spurious Emission

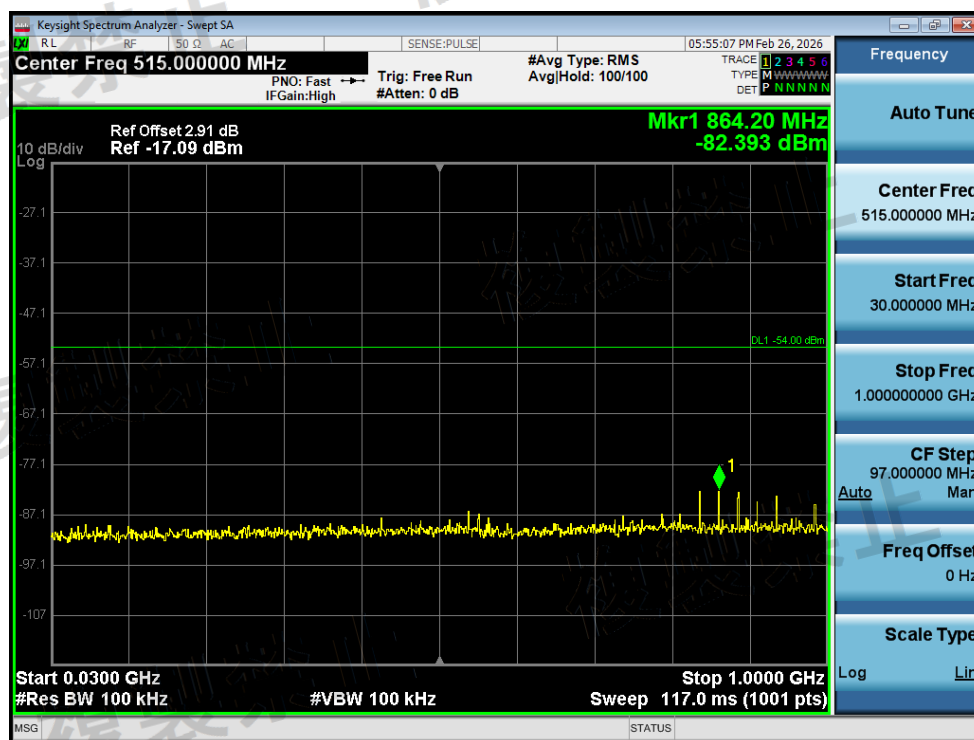
Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Emission Frequency (MHz)	Max Value (dBm)	Max Value (nW)	Limit (nW)	Verdict
NVNT	BLE 1M	2402	Ant1	30-1000	888.45	-82.85	0.01	4	Pass
NVNT	BLE 1M	2402	Ant1	1000-13000	2404	-72.98	0.05	20	Pass
NVNT	BLE 1M	2442	Ant1	30-1000	864.2	-82.39	0.006	4	Pass
NVNT	BLE 1M	2442	Ant1	1000-13000	2476	-68.59	0.14	20	Pass
NVNT	BLE 1M	2480	Ant1	30-1000	888.45	-82.35	0.006	4	Pass
NVNT	BLE 1M	2480	Ant1	1000-13000	2428	-72.77	0.05	20	Pass
NVNT	BLE 2M	2402	Ant1	30-1000	888.45	-82.68	0.01	4	Pass
NVNT	BLE 2M	2402	Ant1	1000-13000	2476	-71.24	0.075	20	Pass
NVNT	BLE 2M	2442	Ant1	30-1000	864.2	-82.89	0.01	4	Pass
NVNT	BLE 2M	2442	Ant1	1000-13000	2428	-67.23	0.189	20	Pass
NVNT	BLE 2M	2480	Ant1	30-1000	888.45	-82.41	0.01	4	Pass
NVNT	BLE 2M	2480	Ant1	1000-13000	6244	-74.26	0.04	20	Pass



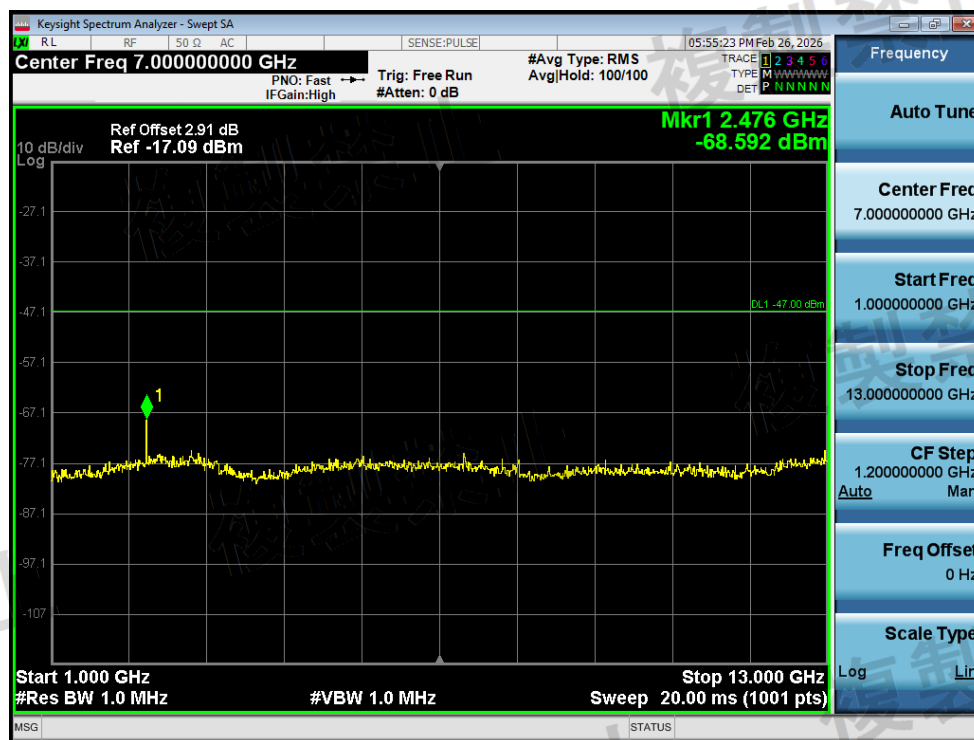
Rx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 30MHz-1000MHz



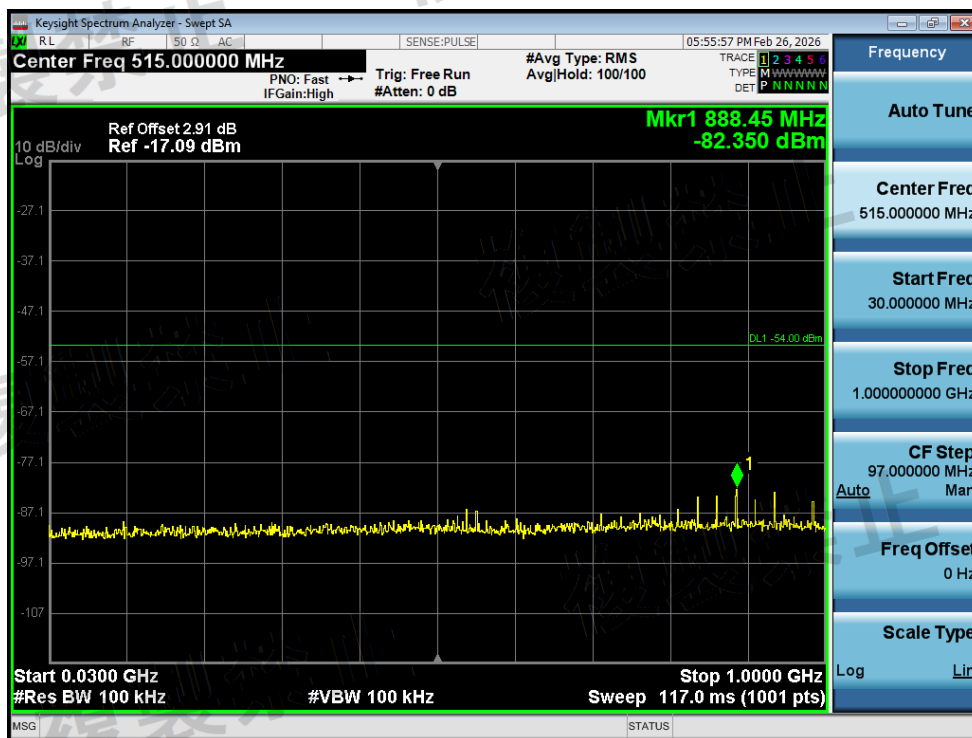
Rx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 1000MHz-13000MHz



Rx. Spurious NVNT BLE 1M 2442MHz Ant1 @ 30MHz-1000MHz



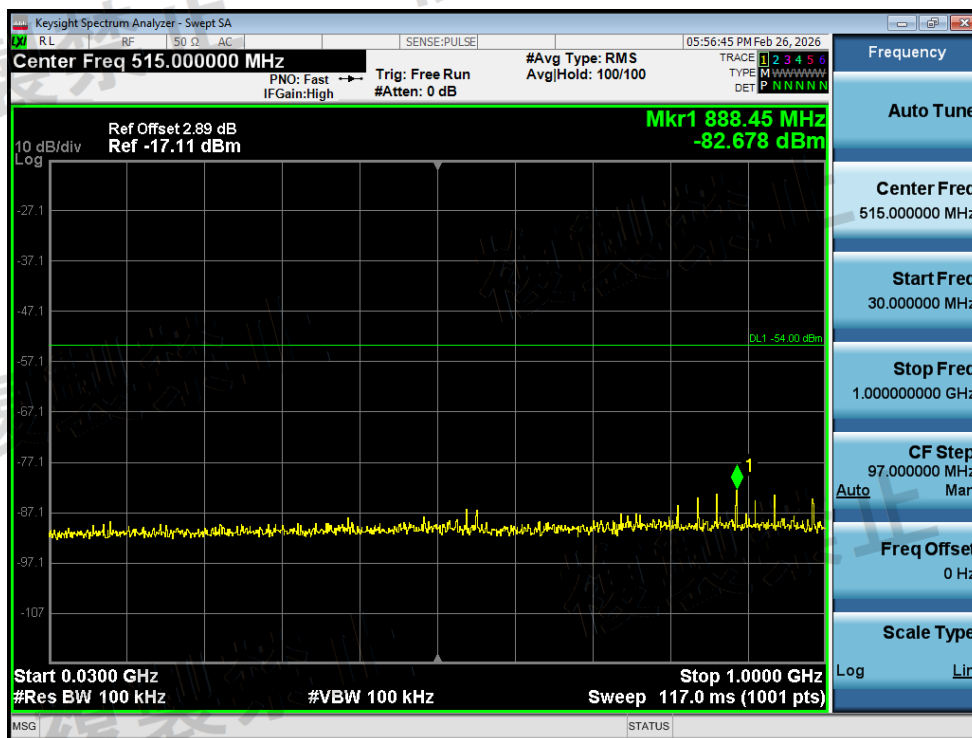
Rx. Spurious NVNT BLE 1M 2442MHz Ant1 @ 1000MHz-13000MHz



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



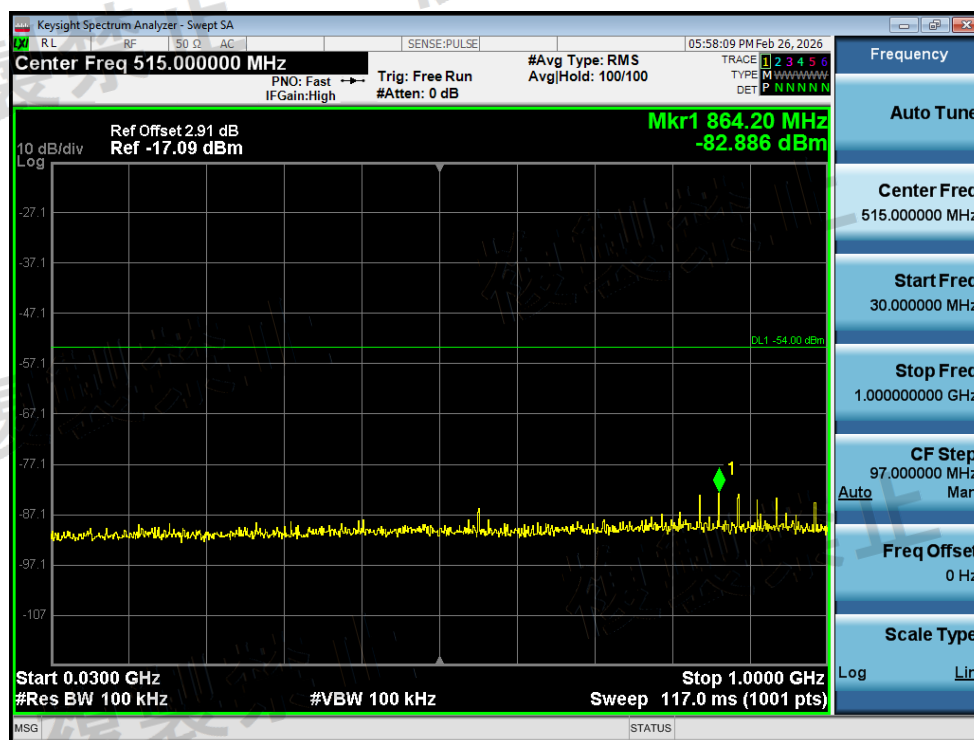
Rx. Spurious NVNT BLE 1M 2480MHz Ant1 @ 1000MHz-13000MHz



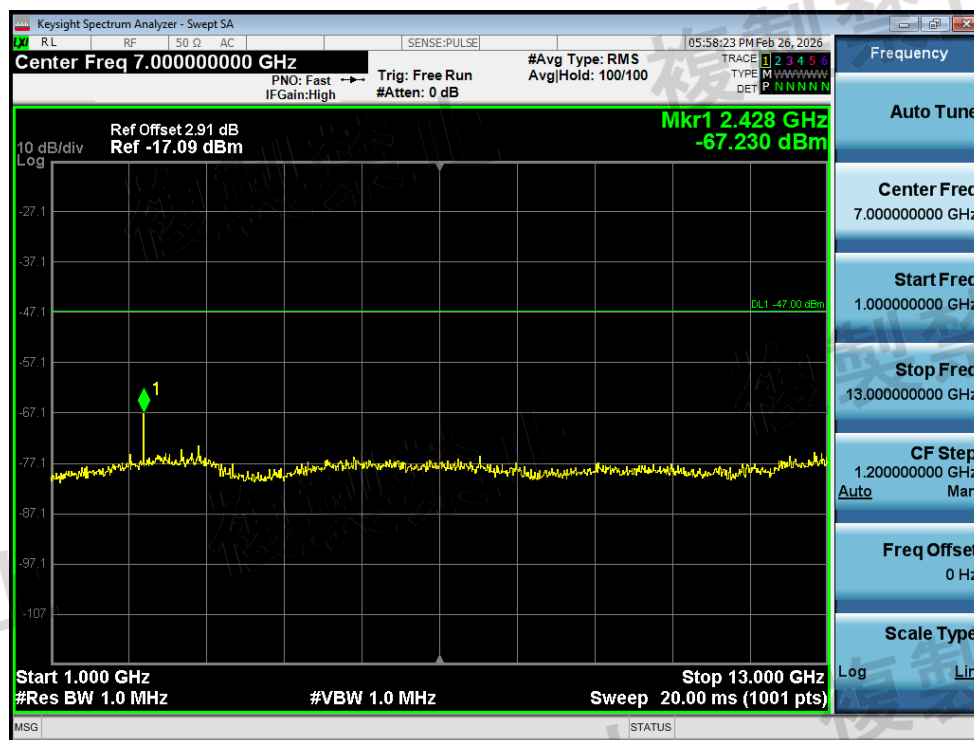
Rx. Spurious NVNT BLE 2M 2402MHz Ant1 @ 30MHz-1000MHz



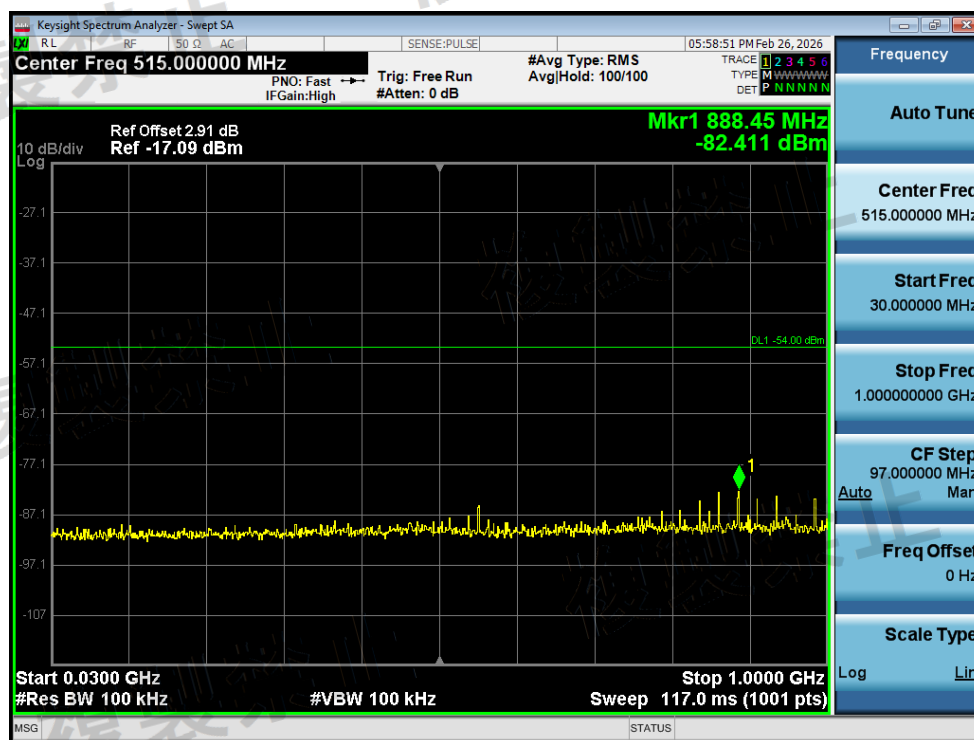
Rx. Spurious NVNT BLE 2M 2402MHz Ant1 @ 1000MHz-13000MHz



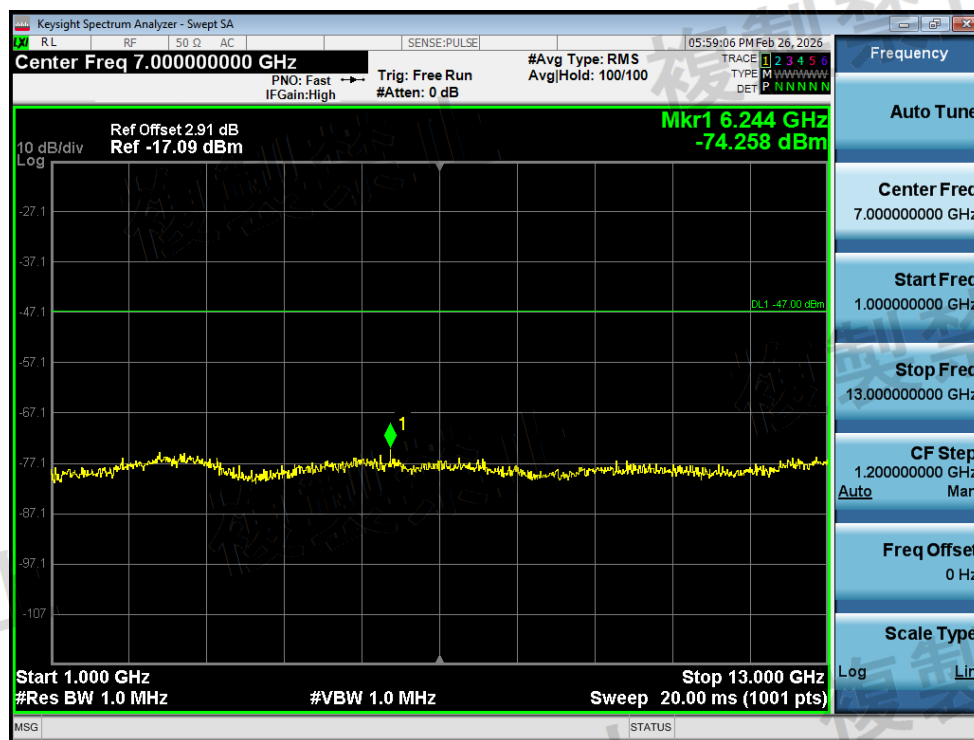
Rx. Spurious NVNT BLE 2M 2442MHz Ant1 @ 30MHz-1000MHz



Rx. Spurious NVNT BLE 2M 2442MHz Ant1 @ 1000MHz-13000MHz



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



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