



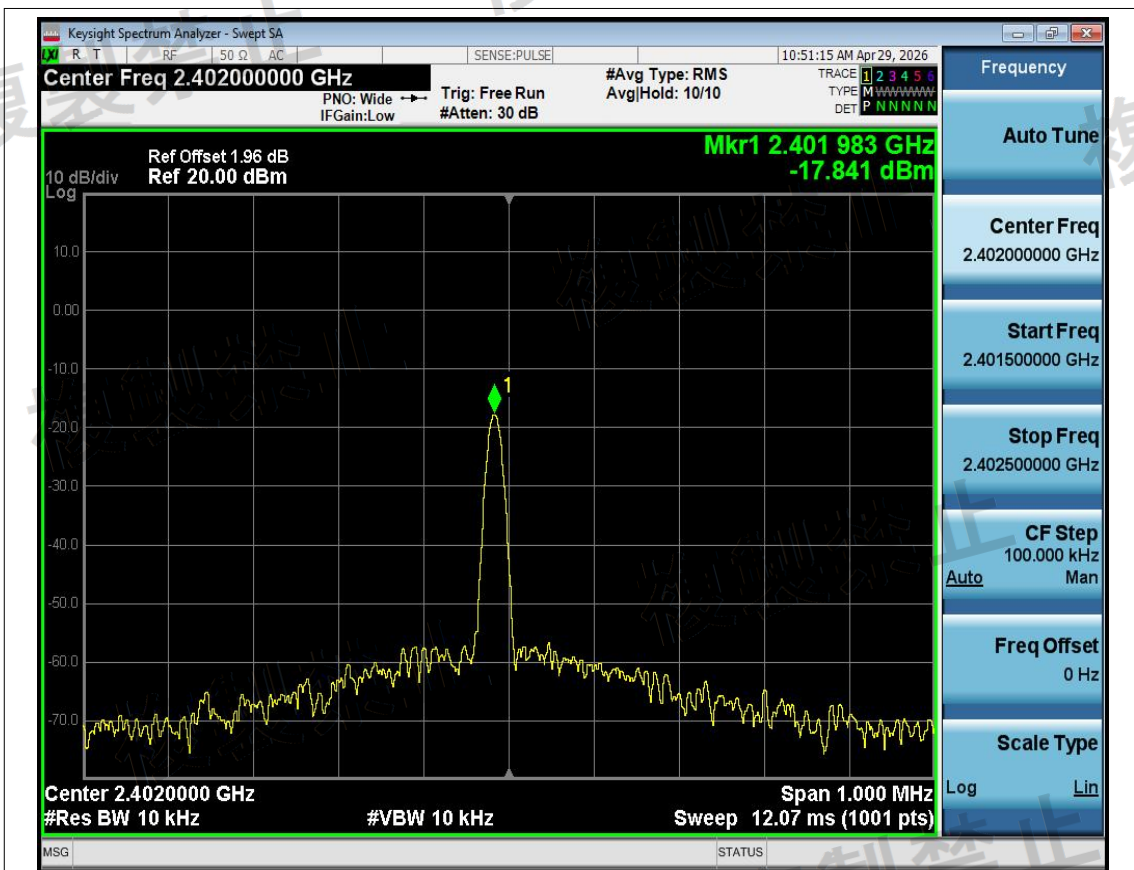
RF Test Data

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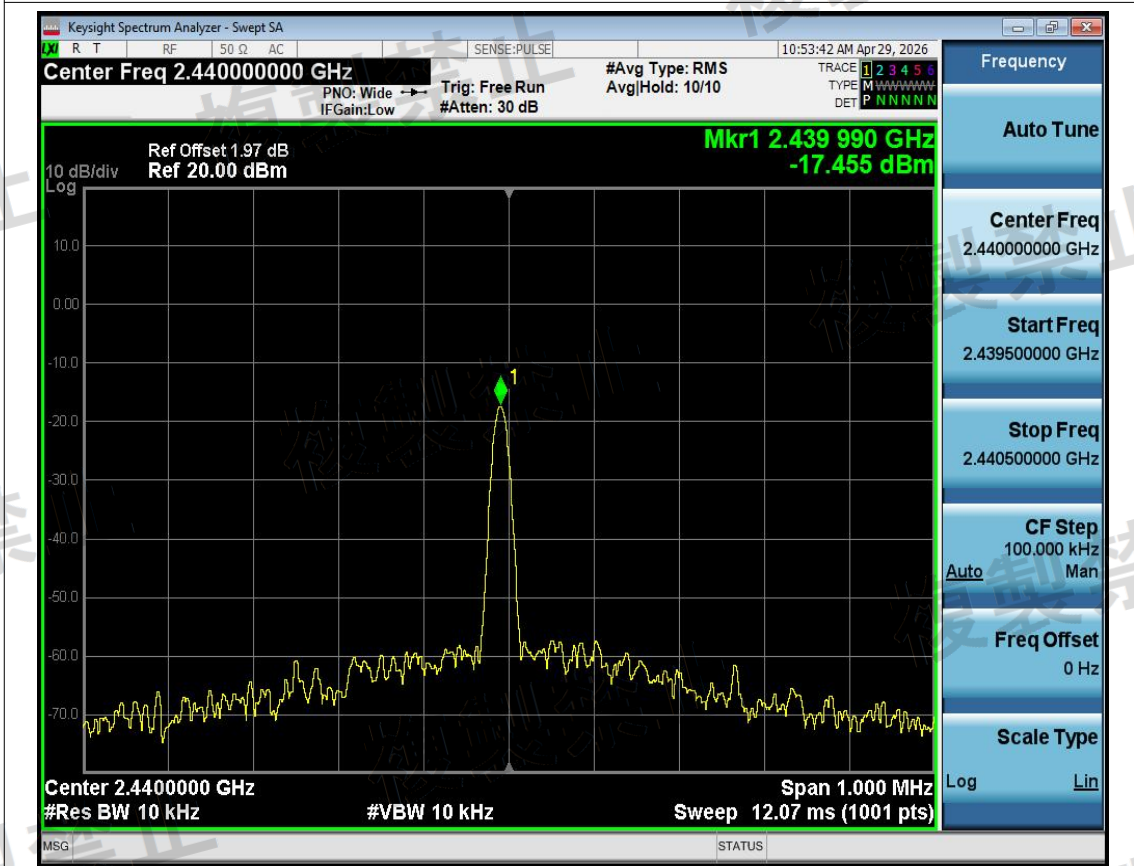


Frequency Error

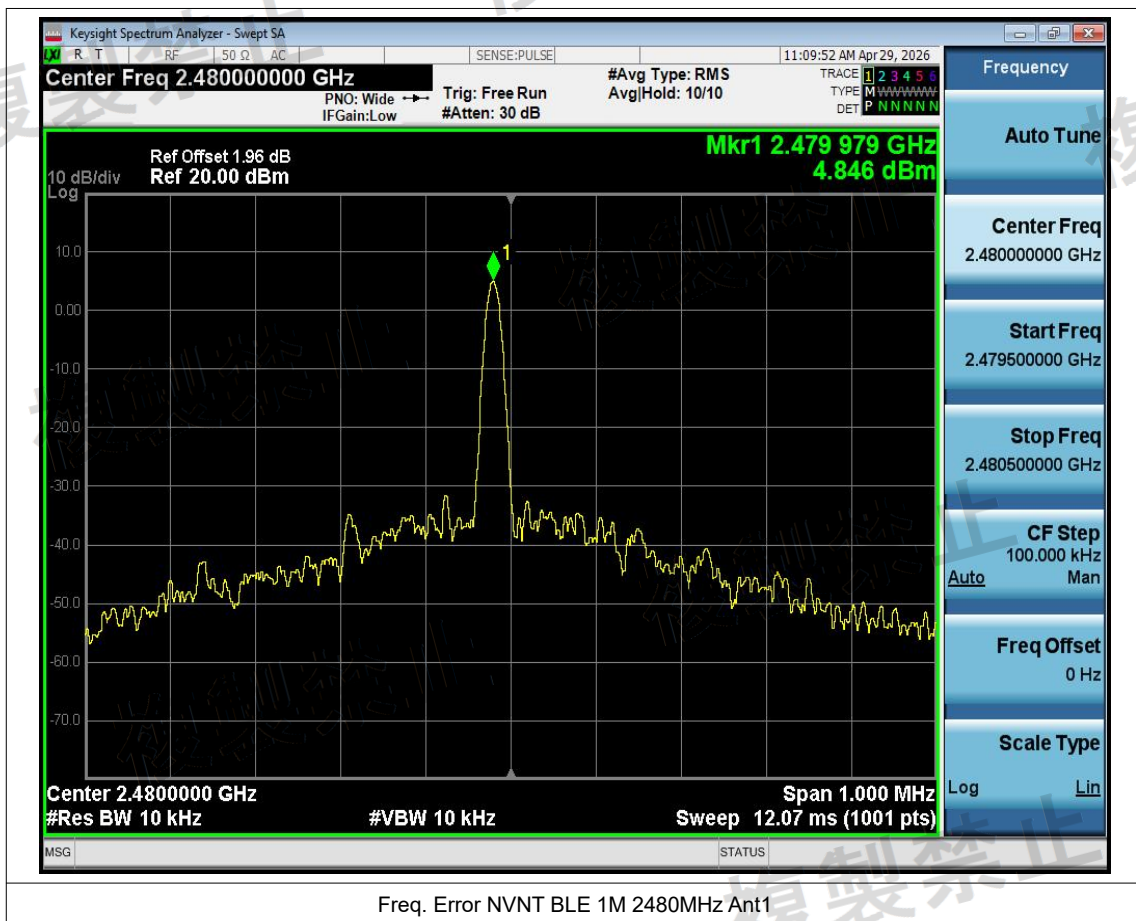
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	BLE 1M	2402	Ant1	2401.983	-17000	-7.08	50	Pass
NVNT	BLE 1M	2440	Ant1	2439.99	-10000	-4.1	50	Pass
NVNT	BLE 1M	2480	Ant1	2479.979	-21000	-8.47	50	Pass



Freq. Error NVNT BLE 1M 2402MHz Ant1



Freq. Error NVNT BLE 1M 2440MHz Ant1





Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.3896
NVNT	BLE 1M	2440	Ant1	1.4605
NVNT	BLE 1M	2480	Ant1	1.4255



OBW NVNT BLE 1M 2402MHz Ant1



OBW NVNT BLE 1M 2440MHz 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	8.28	6.730	10	8	-15.875	20	Pass
NVNT	BLE 1M	2440	Ant1	8.53	7.129	10	8	-10.8875	20	Pass
NVNT	BLE 1M	2480	Ant1	8.39	6.902	10	8	-13.725	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	6.730	8.28	2.02	10.3	12.14	Pass
NVNT	BLE 1M	2440	Ant1	7.129	8.53	2.02	10.55	12.14	Pass
NVNT	BLE 1M	2480	Ant1	6.902	8.39	2.02	10.41	12.14	Pass



Spreading Bandwidth

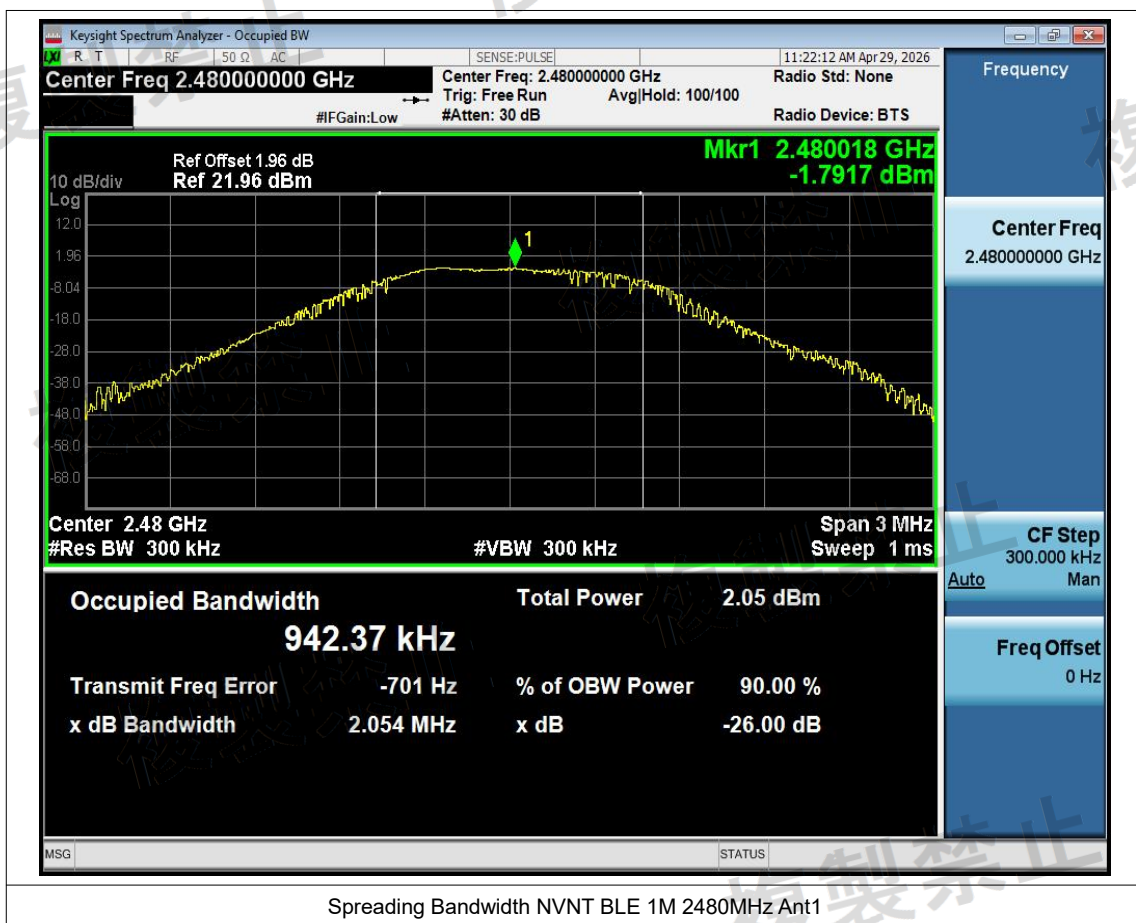
Condition	Mode	Frequency (MHz)	Antenna	90% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	0.89064
NVNT	BLE 1M	2440	Ant1	0.93159
NVNT	BLE 1M	2480	Ant1	0.94237



Spreading Bandwidth NVNT BLE 1M 2402MHz Ant1



Spreading Bandwidth NVNT BLE 1M 2440MHz Ant1



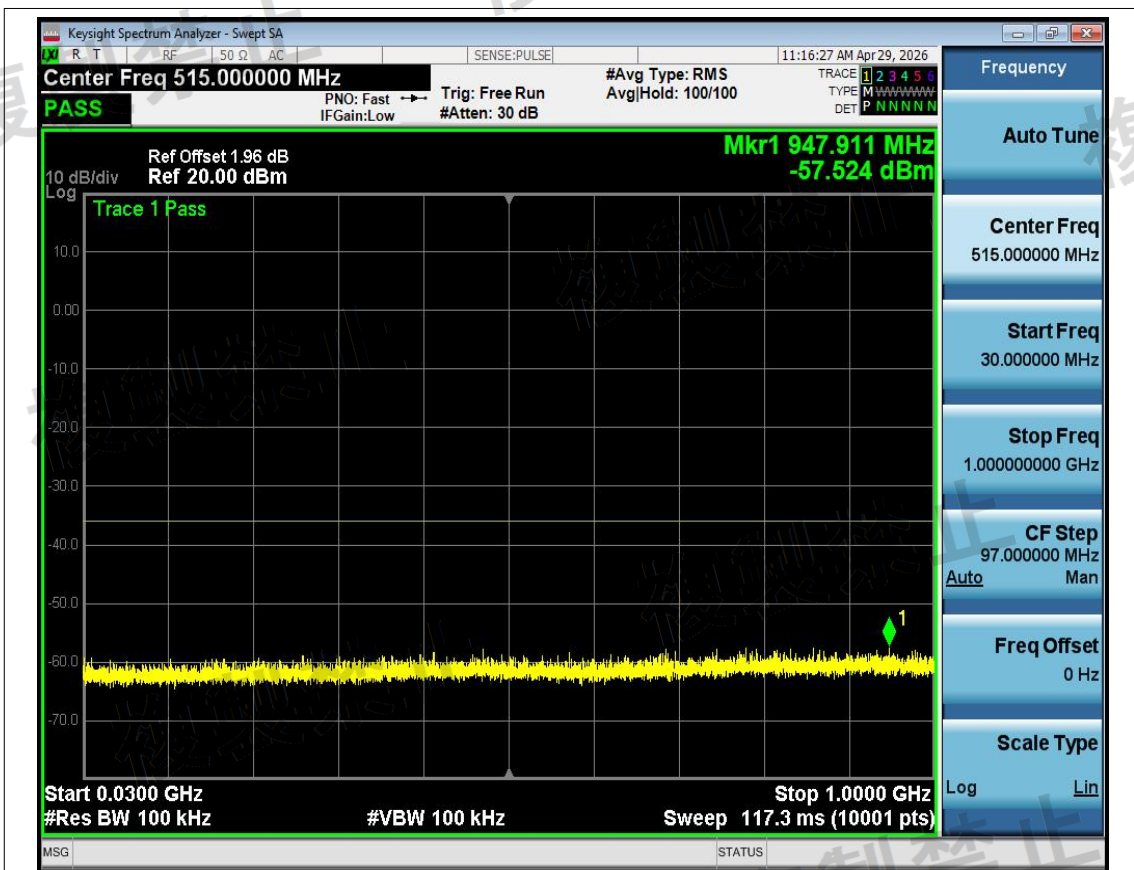


Tx Spurious Emission

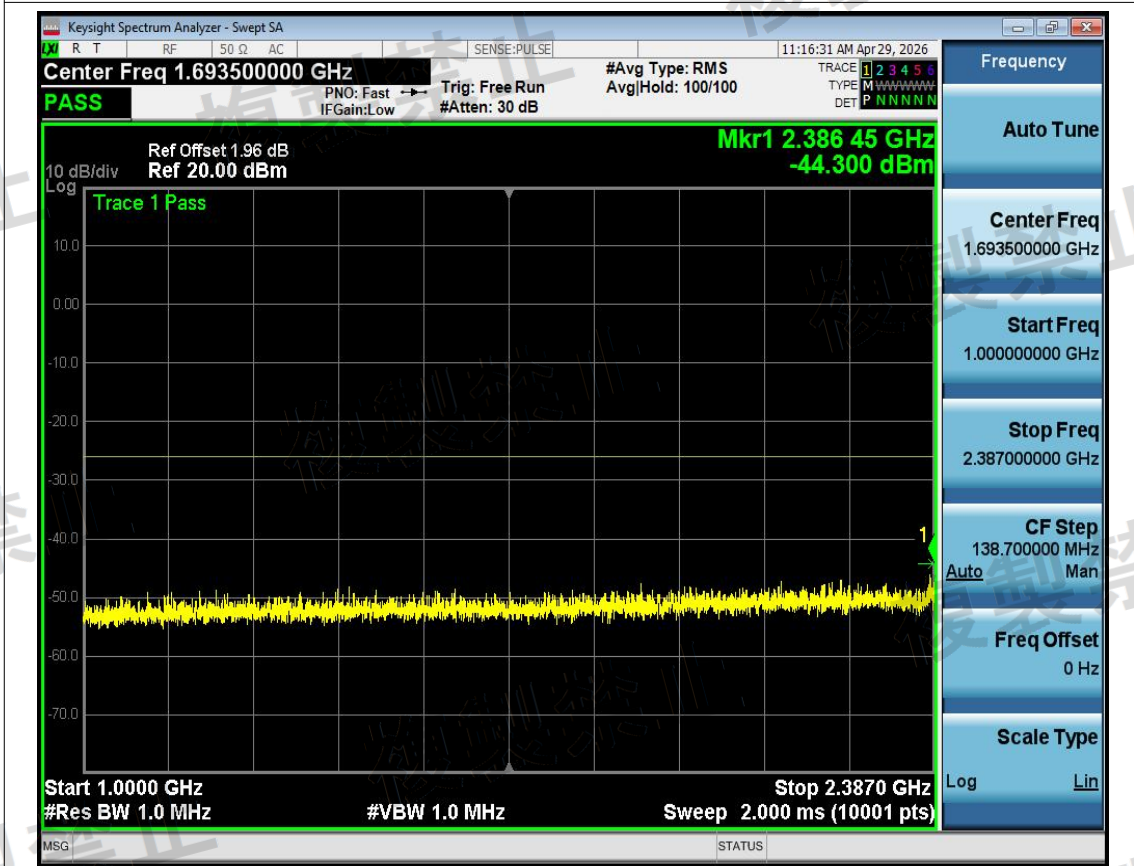
Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Emission Frequency (MHz)	Max Peak Value (dBm)	Max RMS Value (dBm)	Max Peak Value (uW)	Max RMS Value (uW)	Limit Start (uW)	Limit Stop (uW)	Verdict
NVNT	BLE 1M	2402	Ant1	30-1000	947.91	-57.52	NA	0.0018	NA	0.25	0.25	Pass
NVNT	BLE 1M	2402	Ant1	1000-2387	2386.45	-44.30	NA	0.0372	NA	2.5	2.5	Pass
NVNT	BLE 1M	2402	Ant1	2387-2400	2399.96	-33.42	NA	0.455	NA	25	25	Pass
NVNT	BLE 1M	2402	Ant1	2483.5-2496.5	2484.53	-46.62	NA	0.0218	NA	25	25	Pass
NVNT	BLE 1M	2402	Ant1	2496.5-13000	4804.12	-37.37	NA	0.1832	NA	2.5	2.5	Pass
NVNT	BLE 1M	2440	Ant1	30-1000	847.71	-56.13	NA	0.0024	NA	0.25	0.25	Pass
NVNT	BLE 1M	2440	Ant1	1000-2387	2221.95	-46.35	NA	0.0232	NA	2.5	2.5	Pass
NVNT	BLE 1M	2440	Ant1	2387-2400	2391.89	-46.99	NA	0.02	NA	25	25	Pass
NVNT	BLE 1M	2440	Ant1	2483.5-2496.5	2485.90	-46.01	NA	0.0251	NA	25	25	Pass
NVNT	BLE 1M	2440	Ant1	2496.5-13000	2612.04	-28.47	-55.86	1.4223	0.0026	2.5	2.5	Pass
NVNT	BLE 1M	2480	Ant1	30-1000	907.85	-55.71	NA	0.0027	NA	0.25	0.25	Pass
NVNT	BLE	2480	Ant1	1000-2387	2013.48	-46.67	NA	0.0215	NA	2.5	2.5	Pass



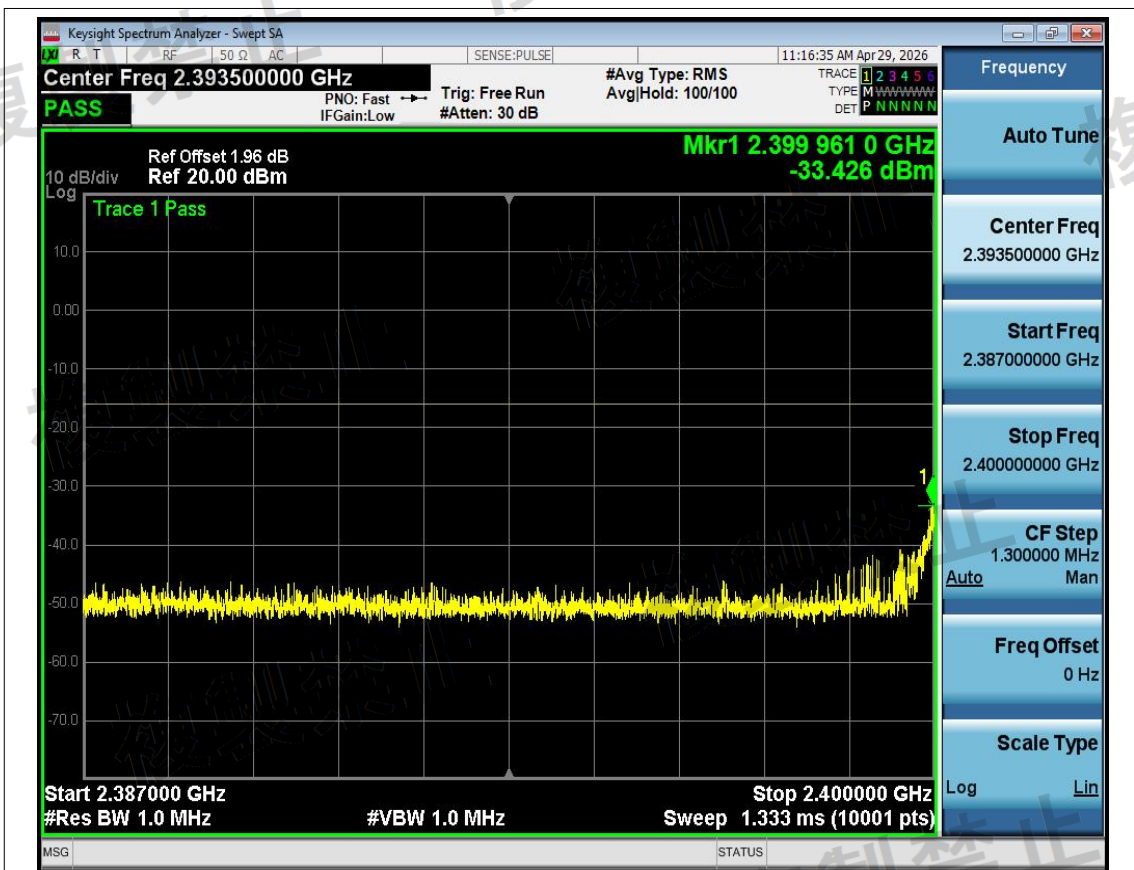
	1M											
NVNT	BL	2480	Ant1	2387-240	2390.94	-47.	NA	0.01	NA	25	25	Pass
	E			0		14		93				
	1M											
NVNT	BL	2480	Ant1	2483.5-24	2491.21	-45.	NA	0.02	NA	25	25	Pass
	E			96.5		69		7				
	1M											
NVNT	BL	2480	Ant1	2496.5-13	2519.61	-29.	NA	1.09	NA	2.5	2.5	Pass
	E			000		61		4				
	1M											



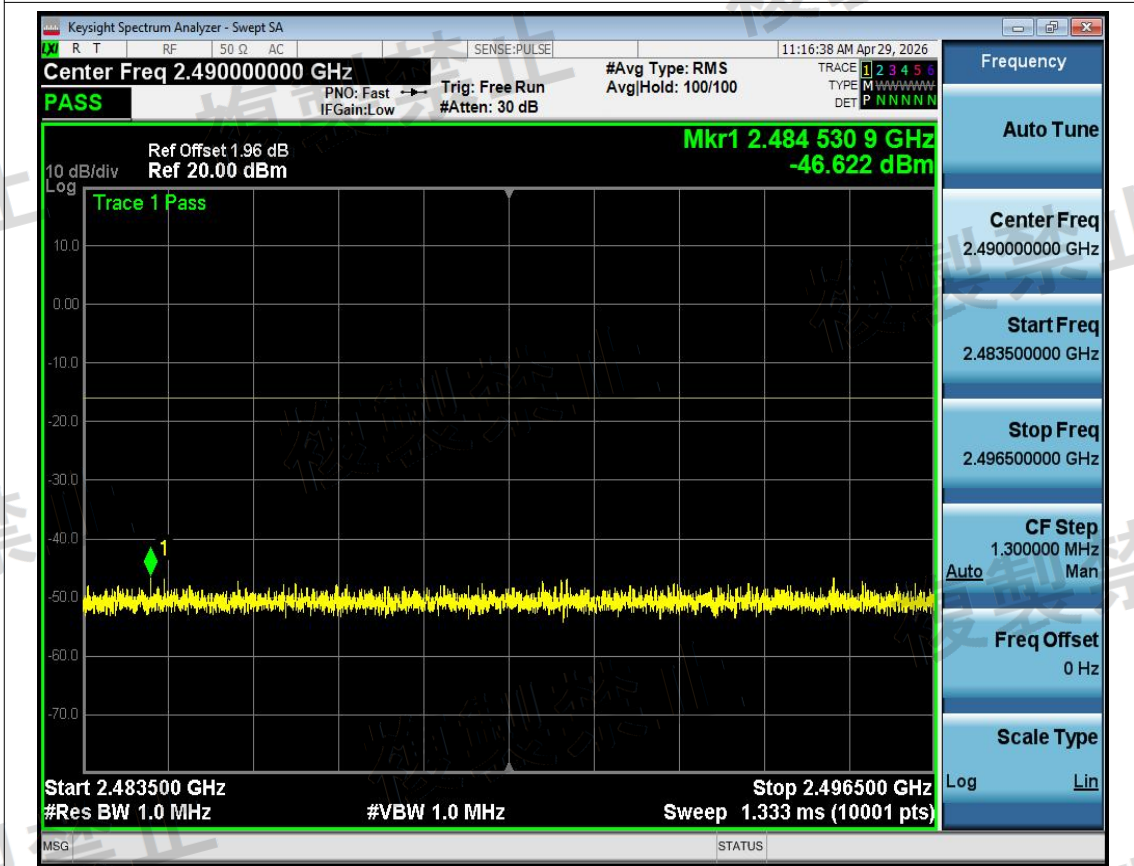
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 30MHz-1000MHz



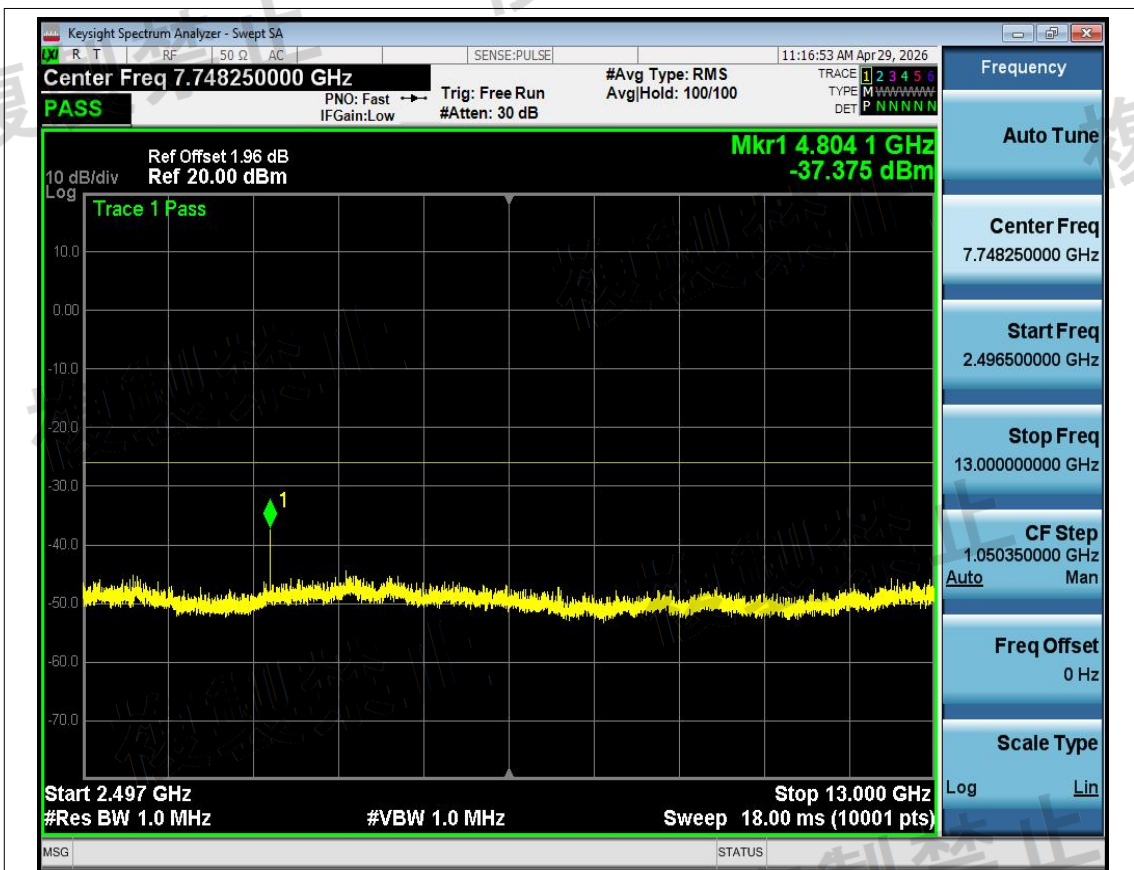
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 1000MHz-2387MHz



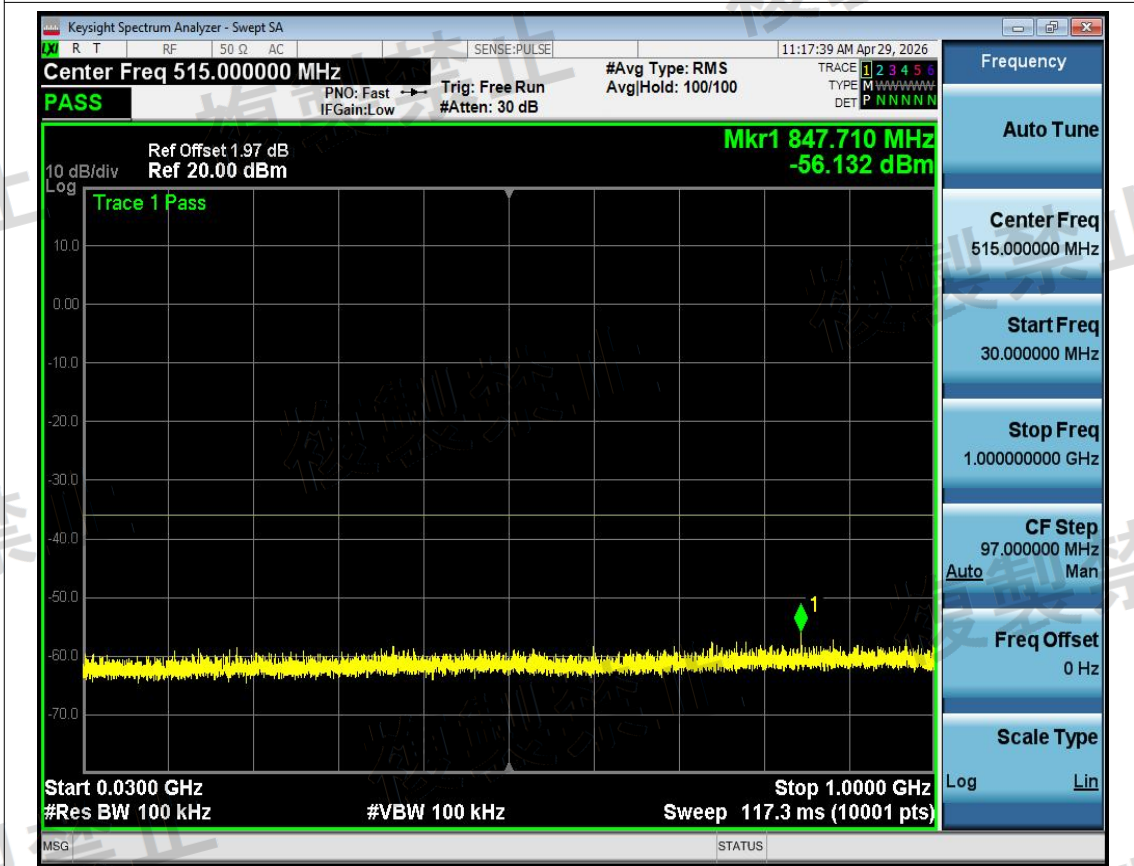
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 2387MHz-2400MHz



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



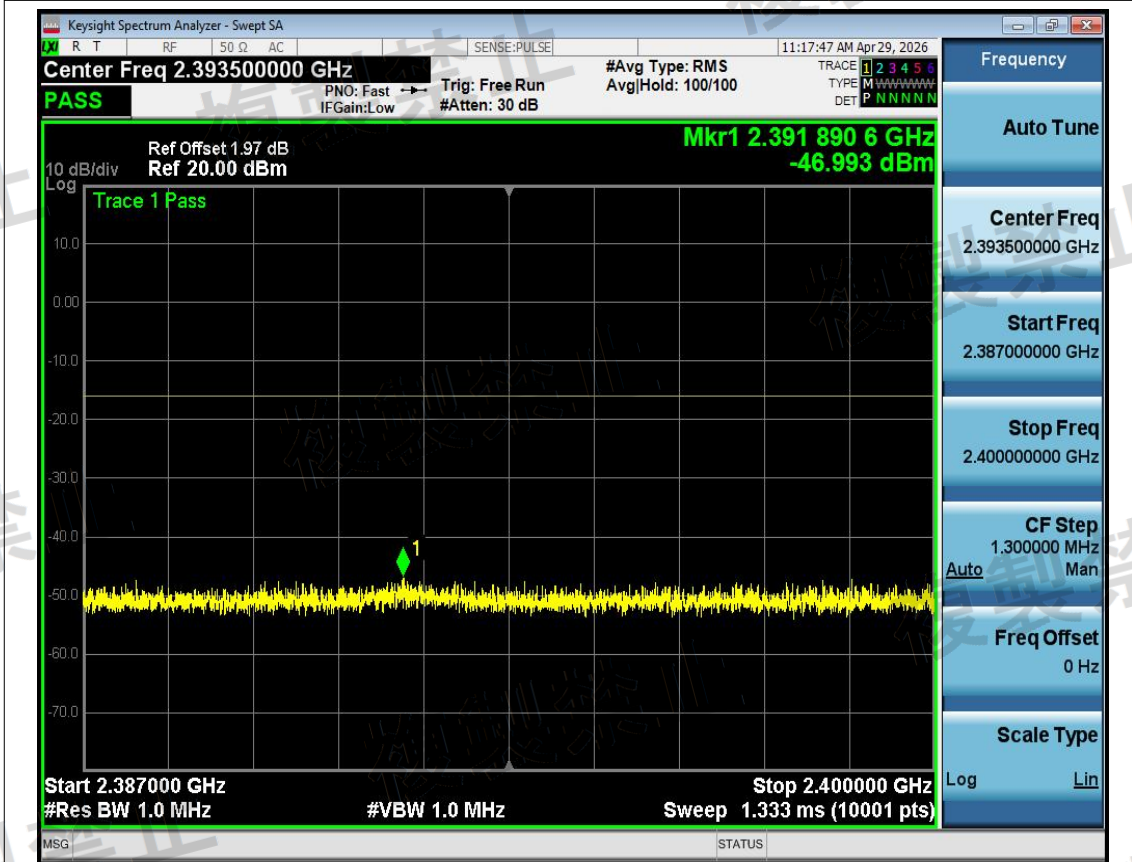
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 2496.5MHz-13000MHz



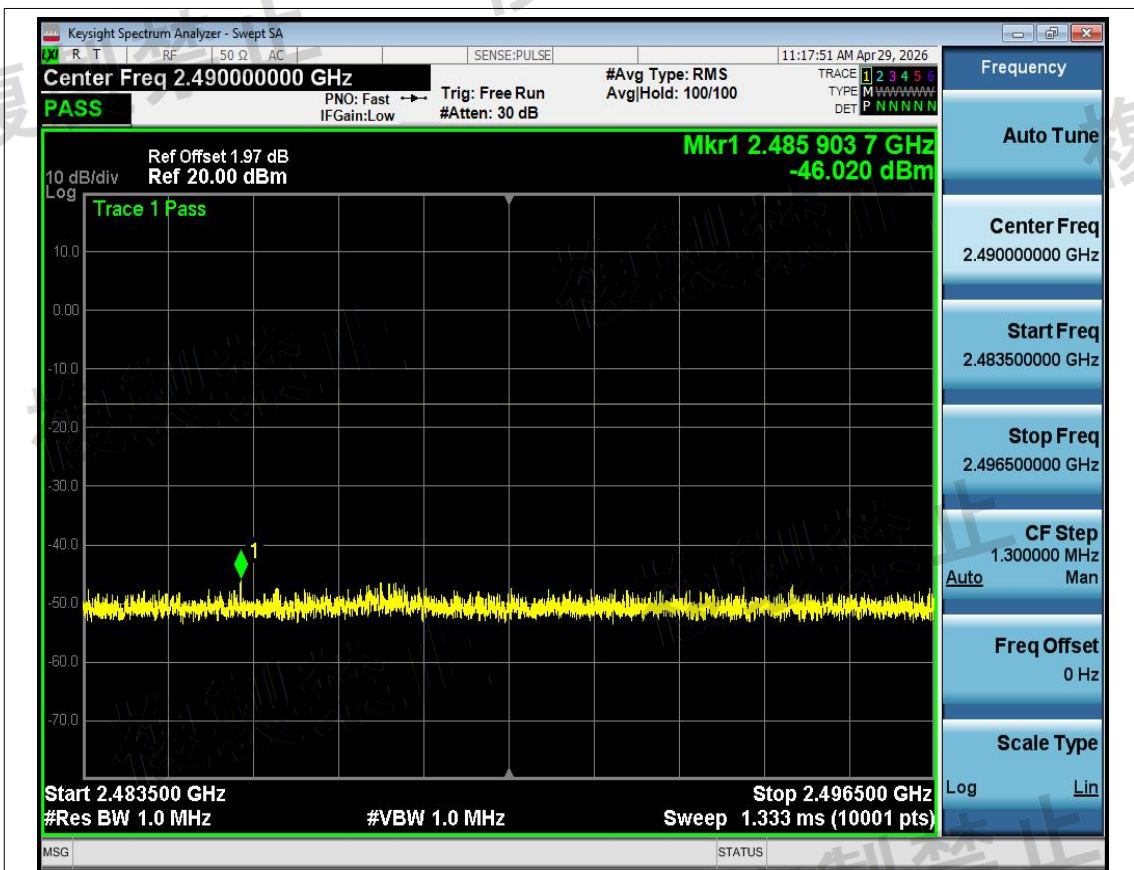
Tx. Spurious NVNT BLE 1M 2440MHz Ant1 @ 30MHz-1000MHz



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



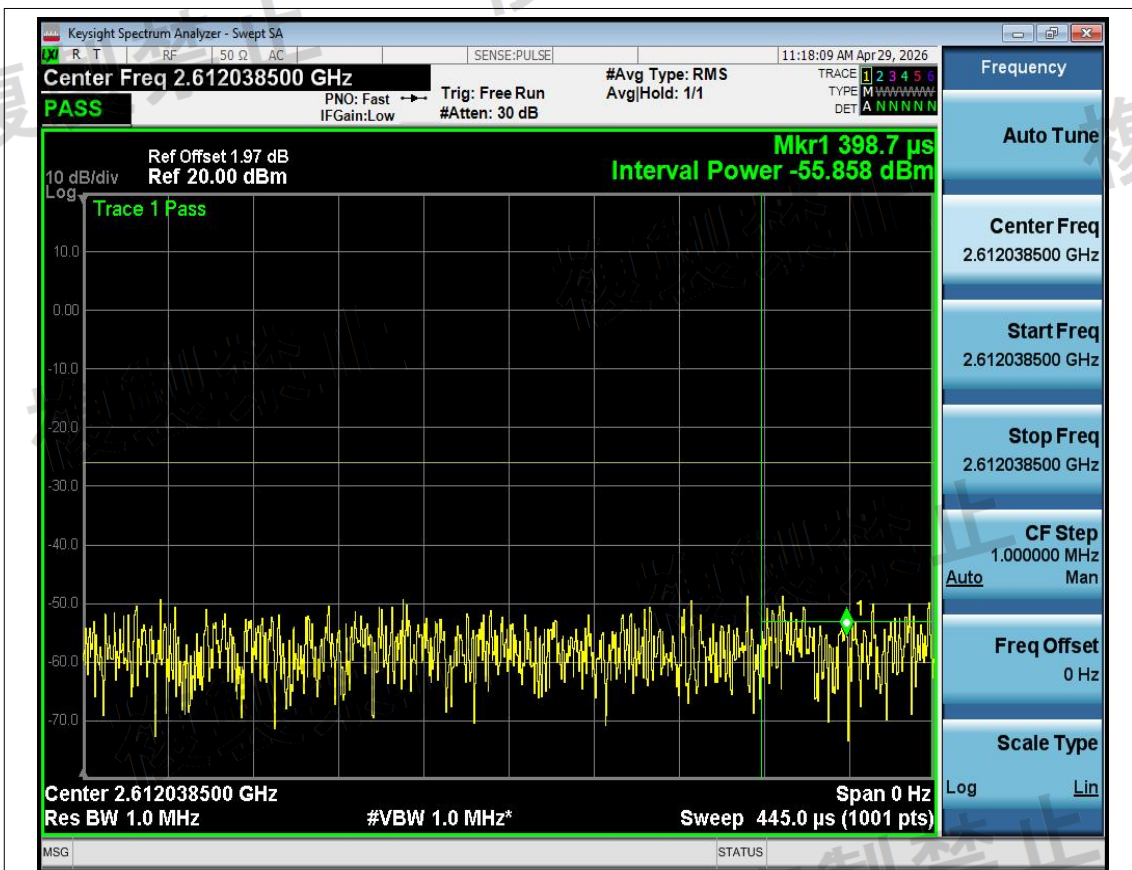
Tx. Spurious NVNT BLE 1M 2440MHz Ant1 @ 2387MHz-2400MHz



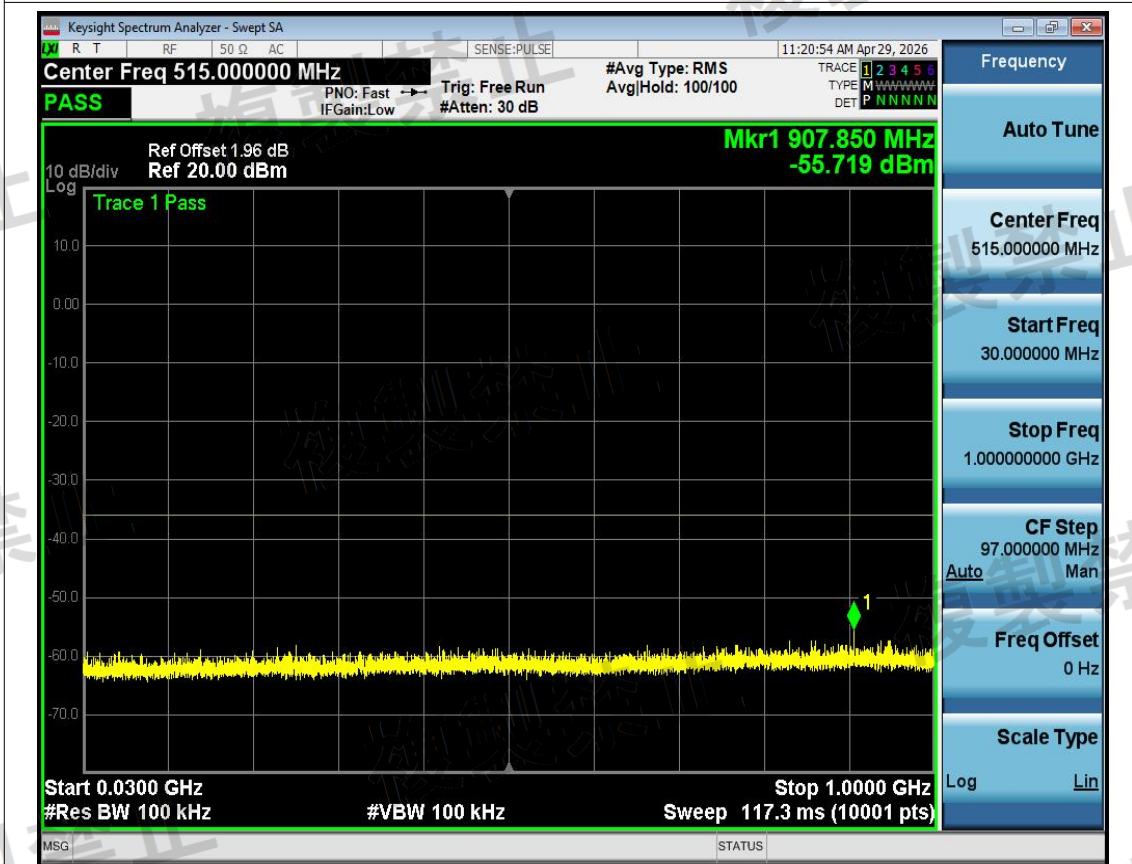
Tx. Spurious NVNT BLE 1M 2440MHz Ant1 @ 2483.5MHz-2496.5MHz



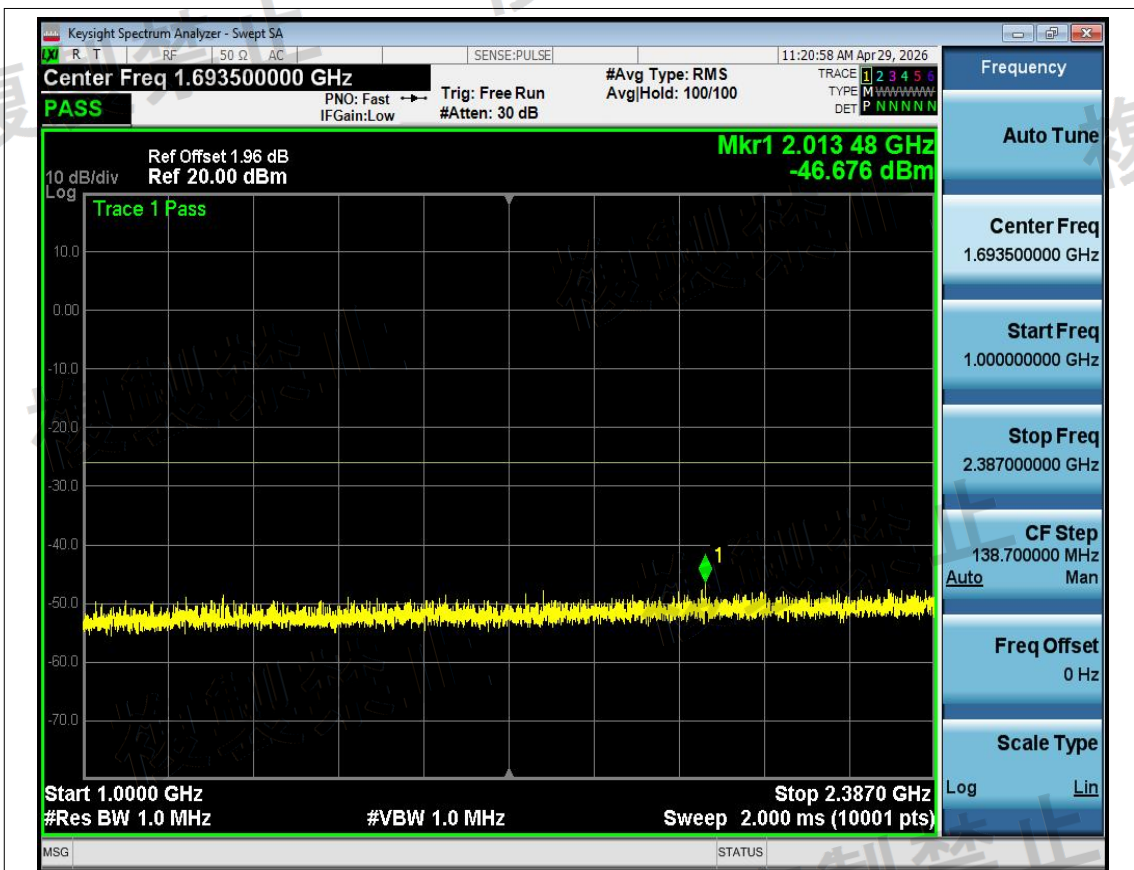
Tx. Spurious NVNT BLE 1M 2440MHz Ant1 @ 2496.5MHz-13000MHz



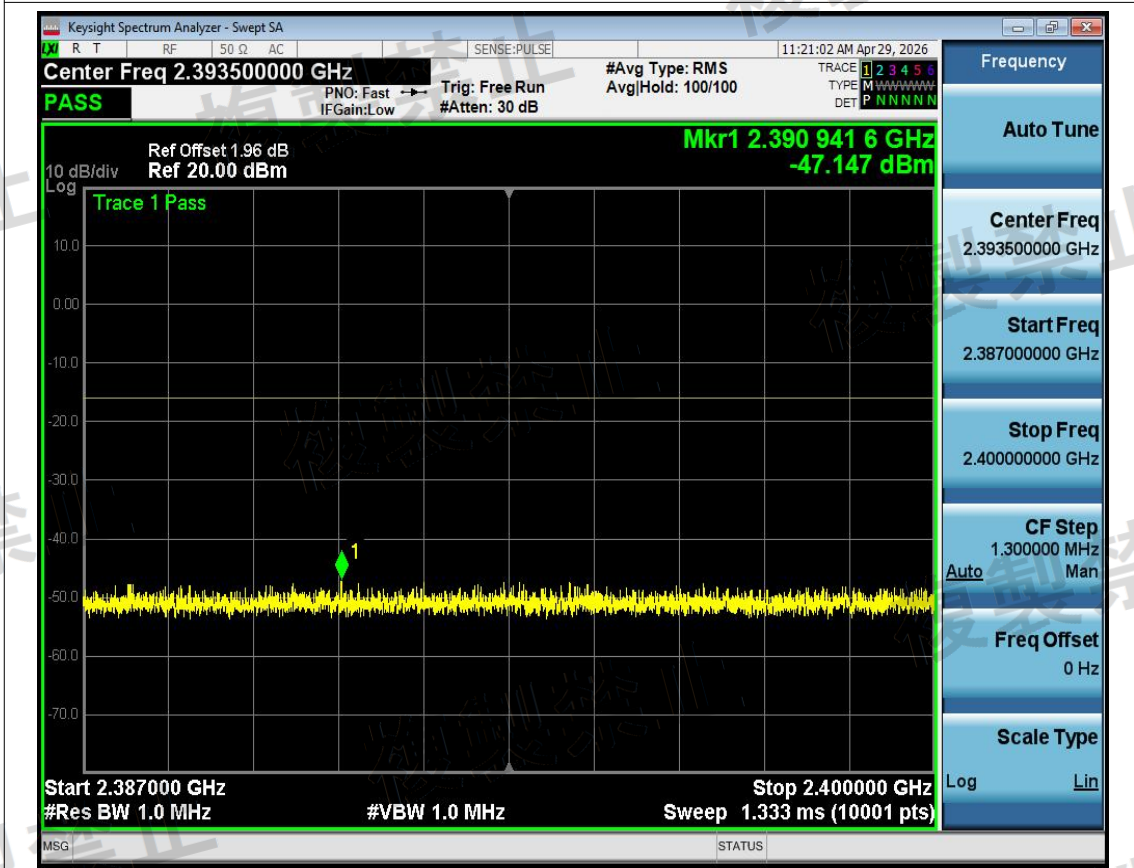
Tx. Spurious NVNT BLE 1M 2440MHz Ant1 @ 2496.5MHz-13000MHz Final



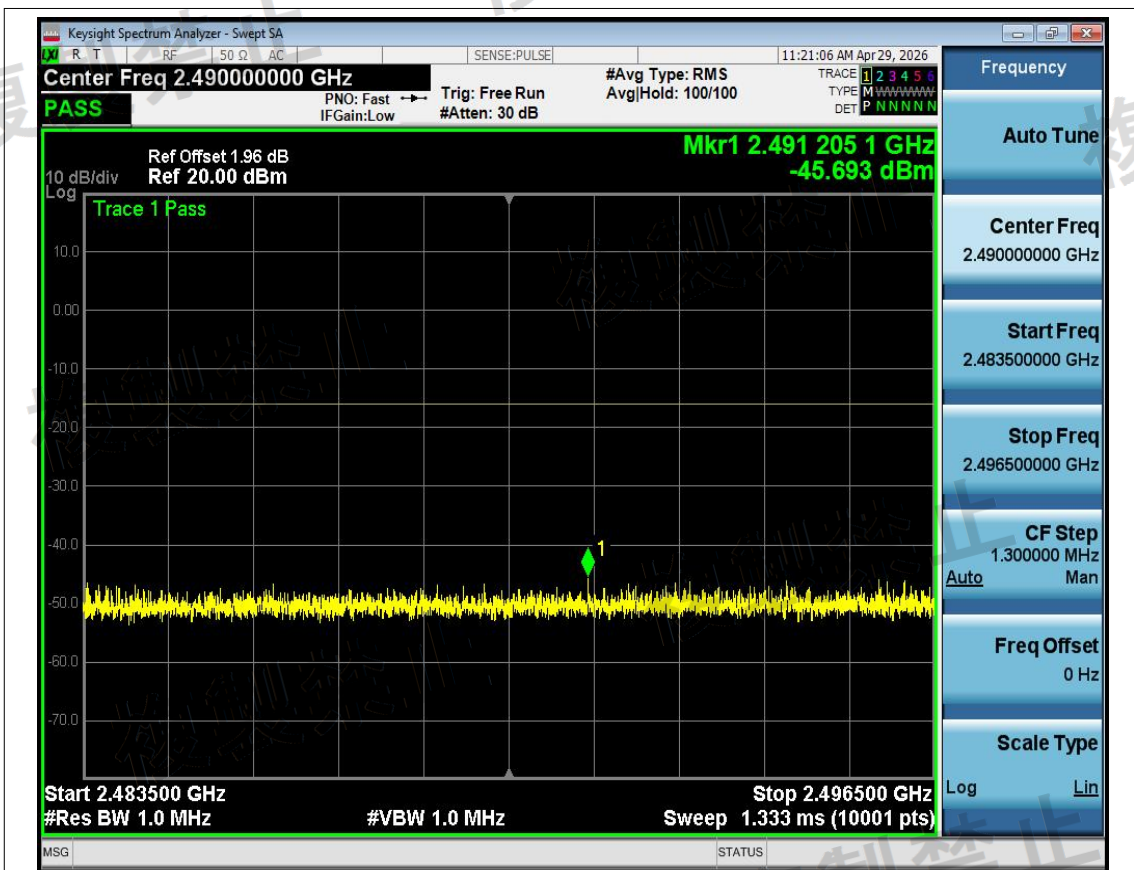
Tx. Spurious NVNT BLE 1M 2480MHz Ant1 @ 30MHz-1000MHz



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

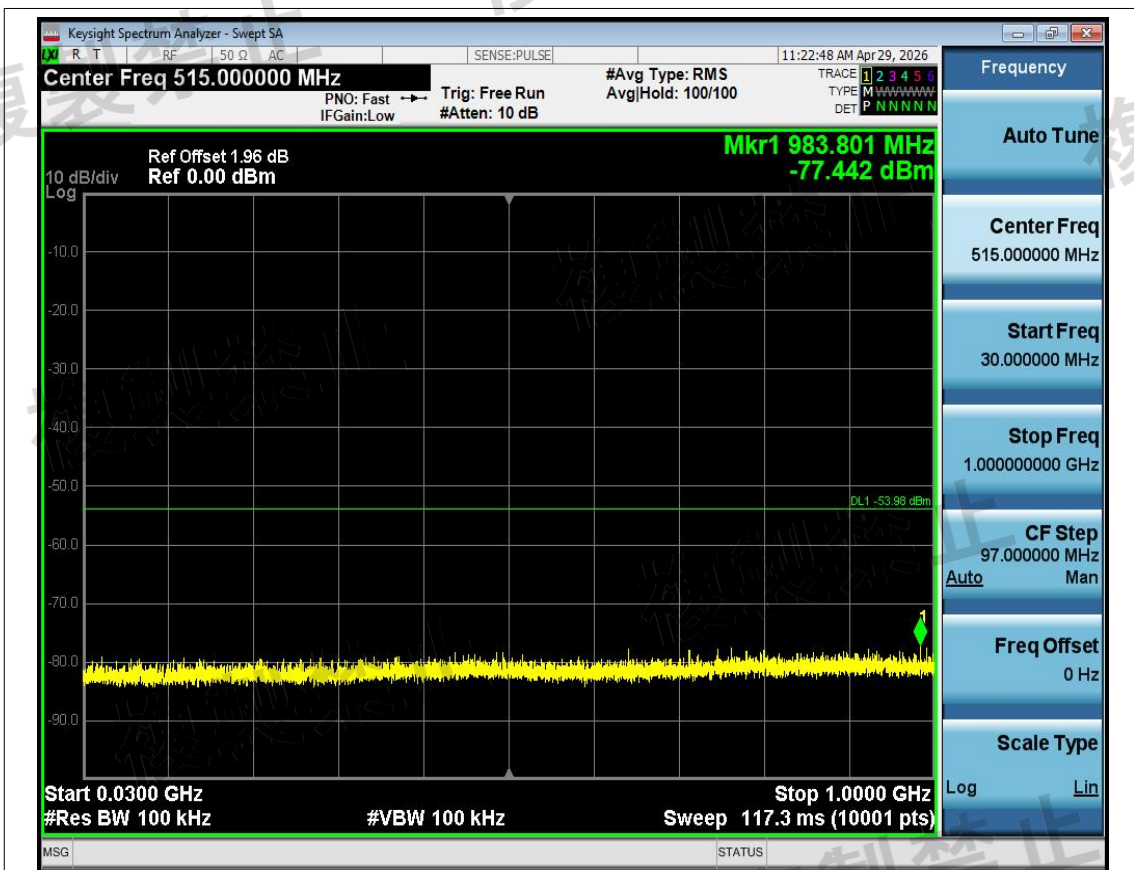


Tx. Spurious NVNT BLE 1M 2480MHz Ant1 @ 2496.5MHz-13000MHz

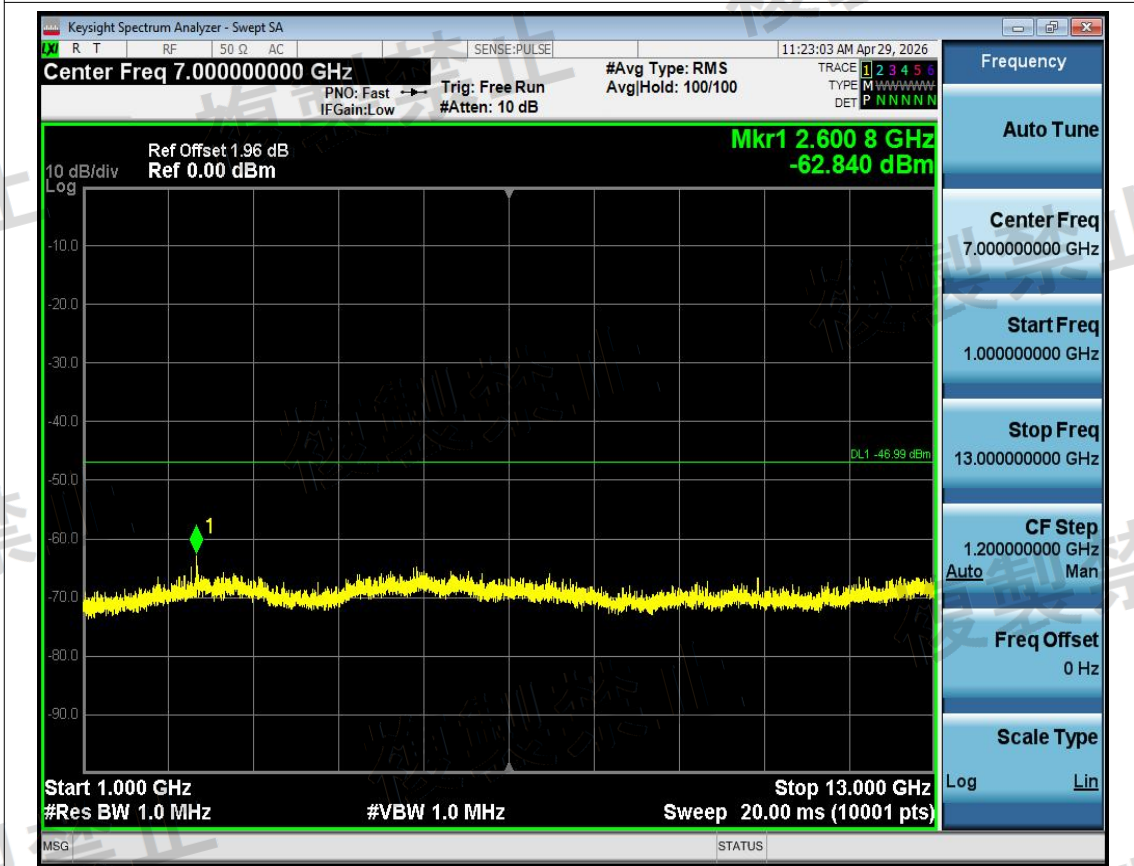


Rx Spurious Emission

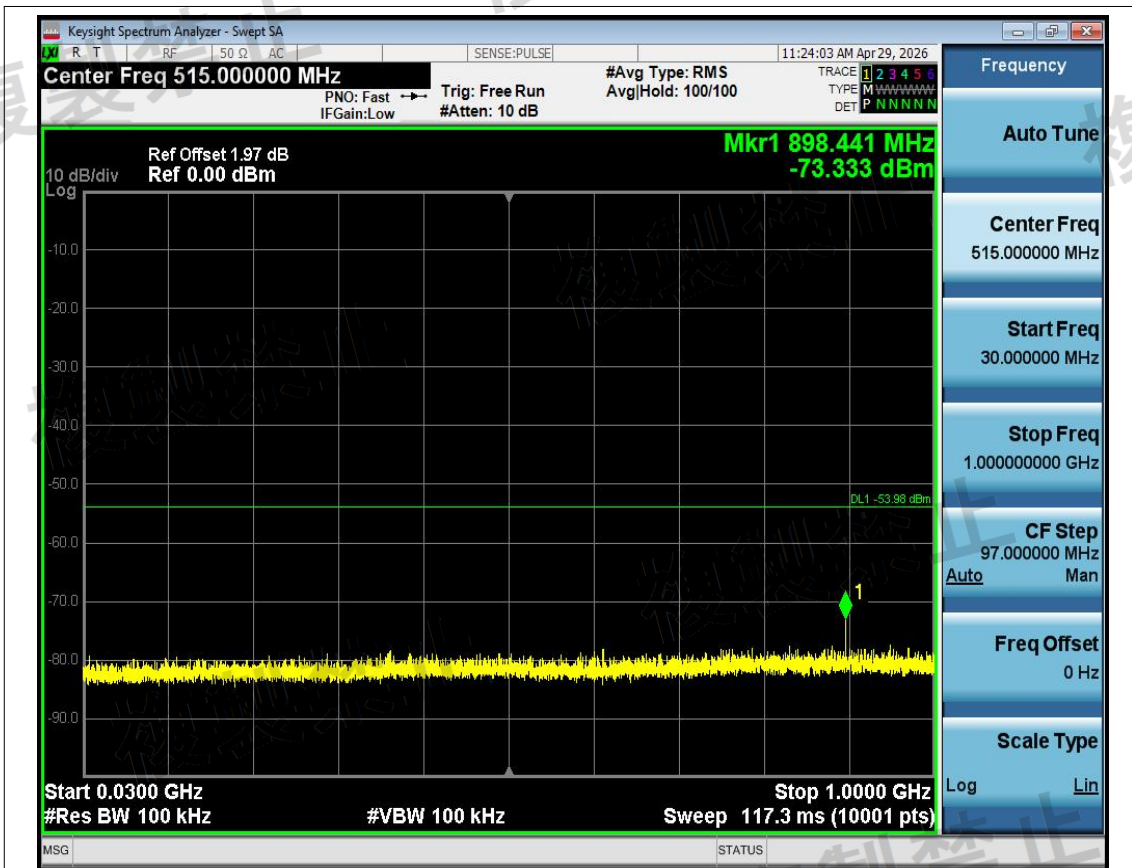
Condi- tion	Mod- e	Frequen- cy (MHz)	Anten- na	Range (MHz)	Emissio- n Frequen- cy (MHz)	Max Peak Valu- e (dB m)	Max RMS Valu- e (dB m)	Max Peak Valu- e (nW)	Max RM S Valu- e (nW)	Lim- it (nW)	Verdi- ct
NVNT	BLE 1M	2402	Ant1	30-1000	983.80	-77.4 4	NA	0.018	NA	4	Pass
NVNT	BLE 1M	2402	Ant1	1000-130 00	2600.80	-62.8 4	NA	0.52	NA	20	Pass
NVNT	BLE 1M	2440	Ant1	30-1000	898.44	-73.3 3	NA	0.046 5	NA	4	Pass
NVNT	BLE 1M	2440	Ant1	1000-130 00	2659.60	-65.2 1	NA	0.301 3	NA	20	Pass
NVNT	BLE 1M	2480	Ant1	30-1000	827.63	-77.5 6	NA	0.017 5	NA	4	Pass
NVNT	BLE 1M	2480	Ant1	1000-130 00	5759.20	-64.8 7	NA	0.325 8	NA	20	Pass



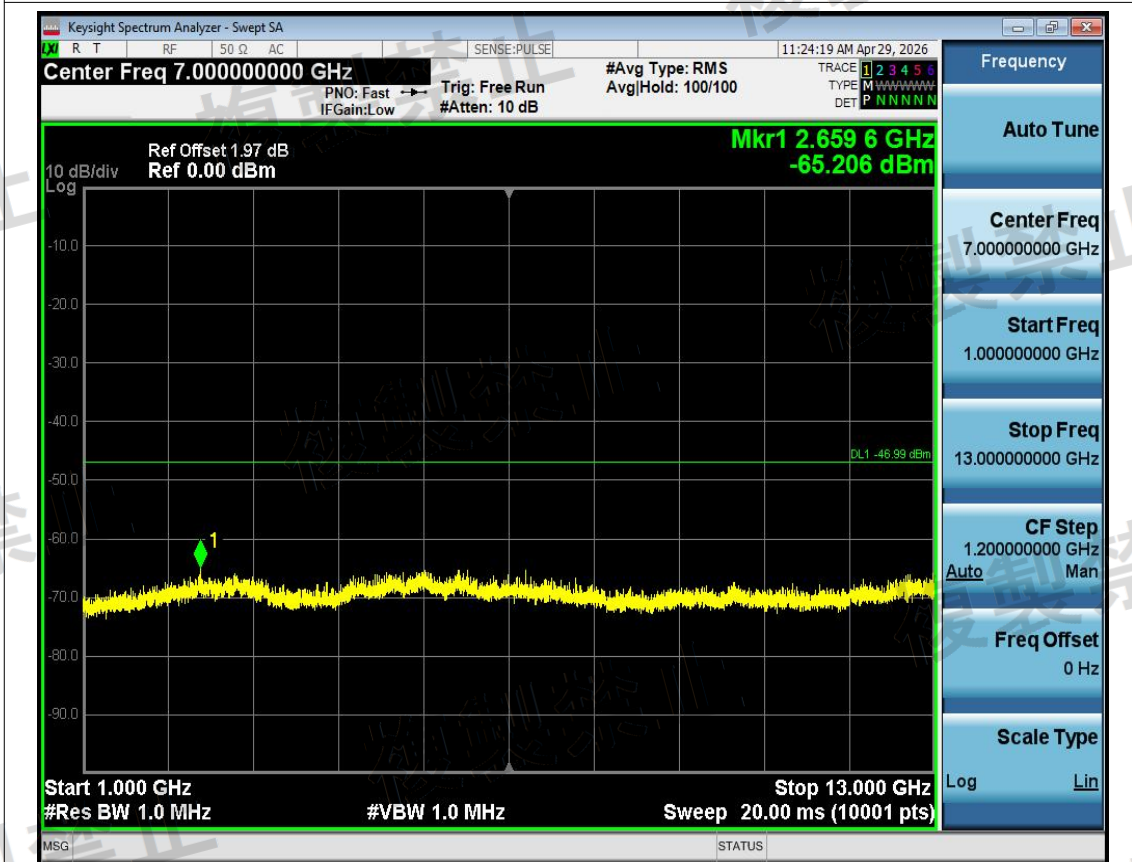
Rx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 30MHz-1000MHz



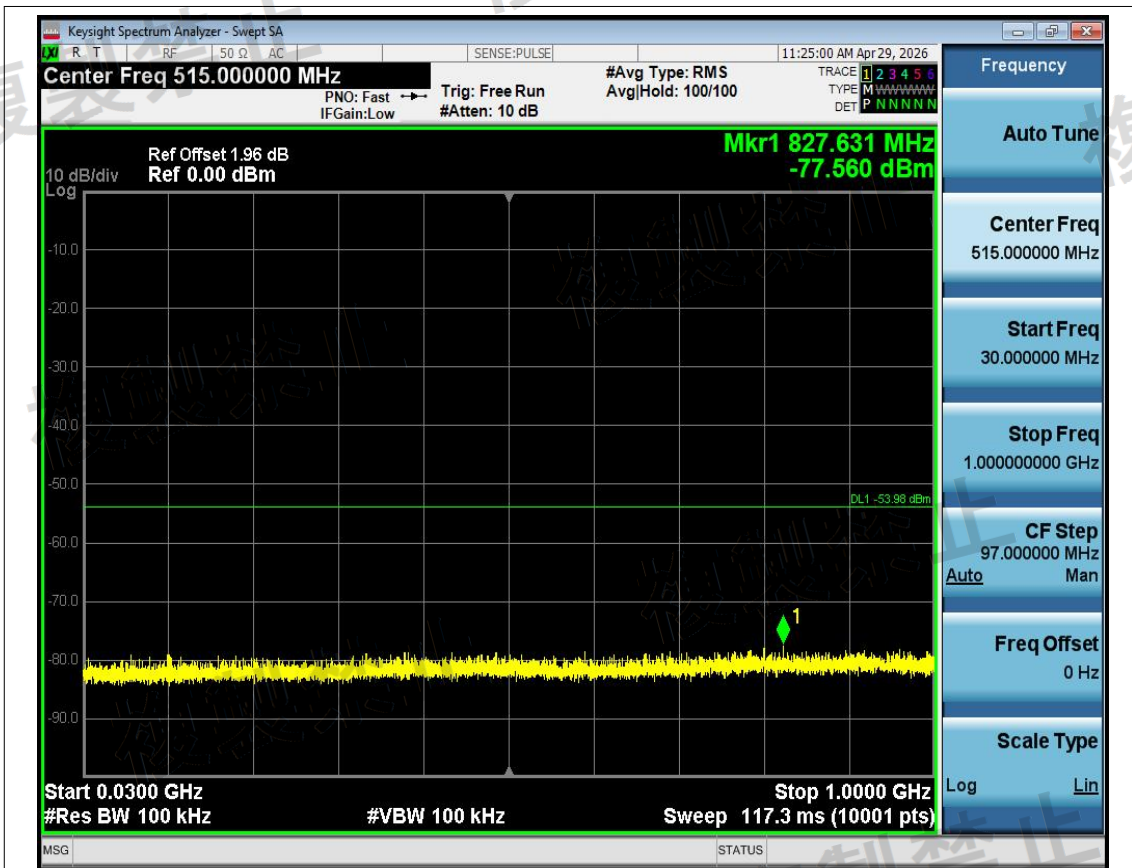
Rx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 1000MHz-13000MHz



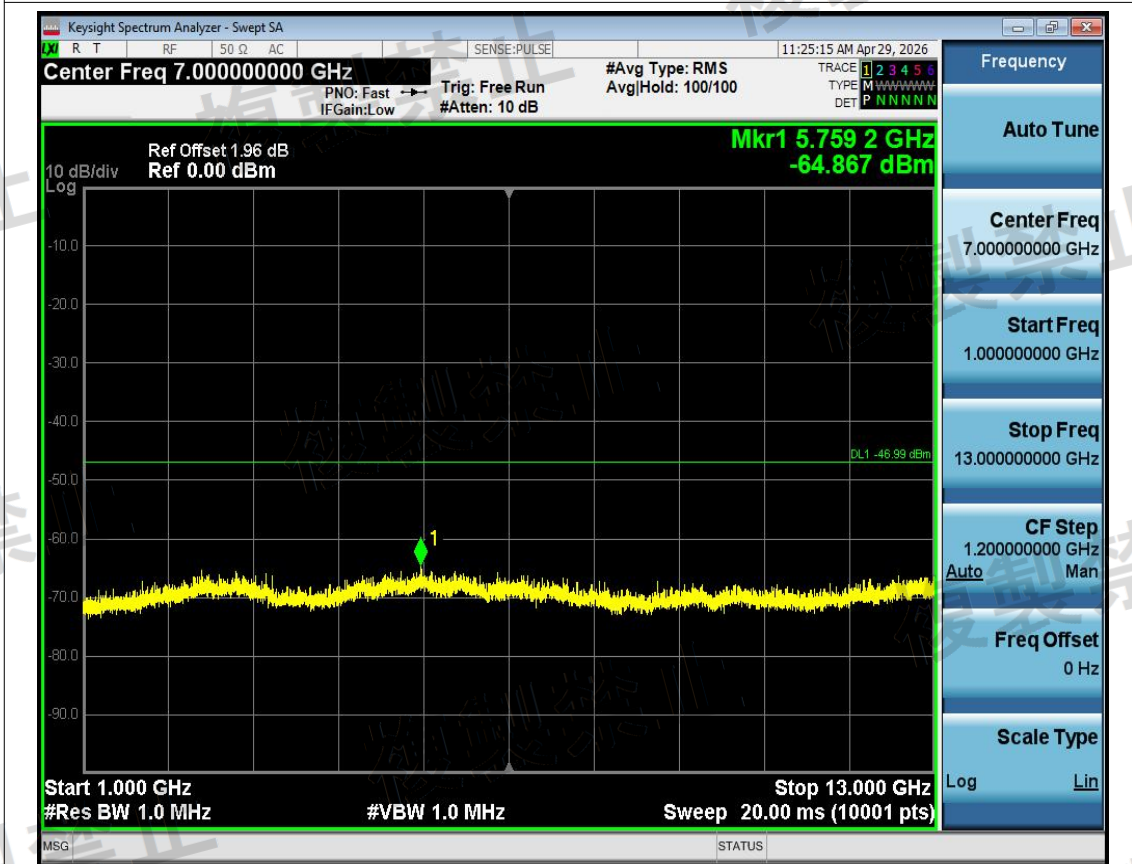
Rx. Spurious NVNT BLE 1M 2440MHz Ant1 @ 30MHz-1000MHz



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



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



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