



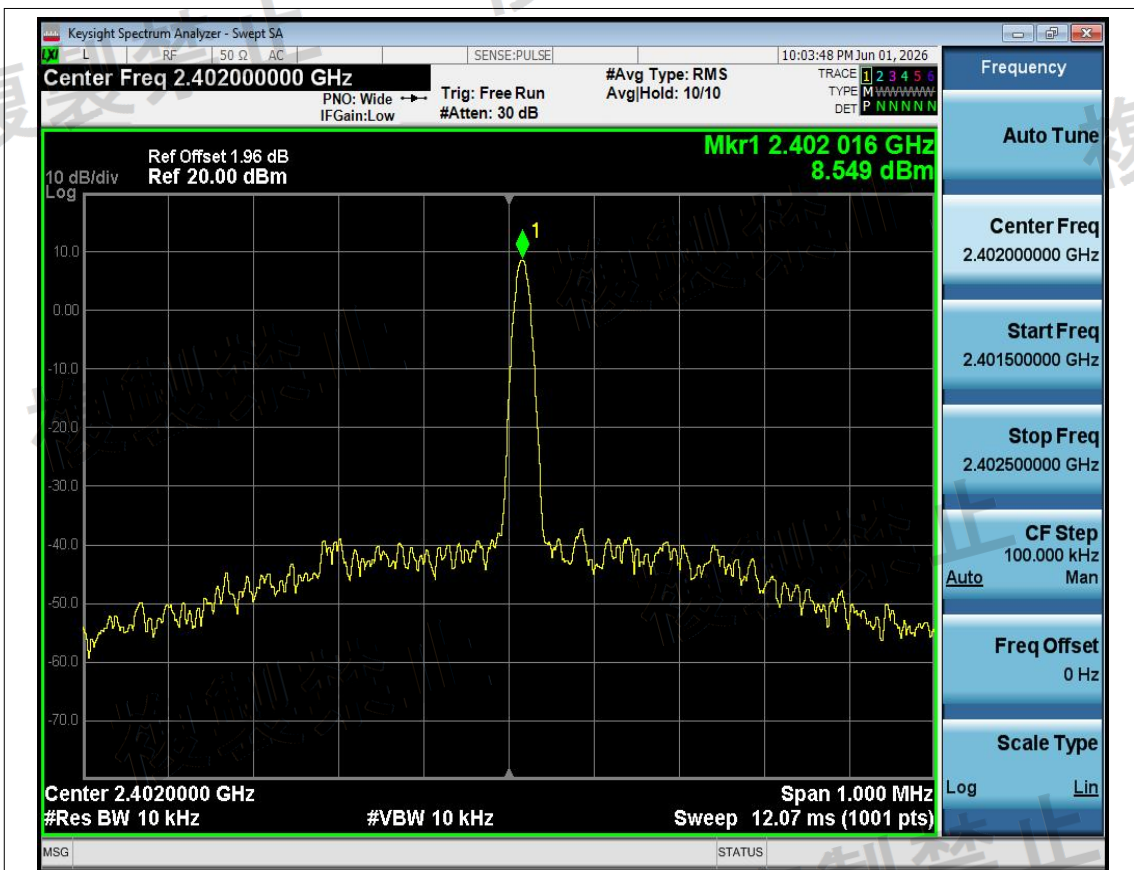
RF Test Data

Frequency Error	2
Antenna Power	5
EIRP Power	5
Occupied Channel Bandwidth	6
Spreading Bandwidth	9
Tx Spurious Emission	12
Rx Spurious Emission	22

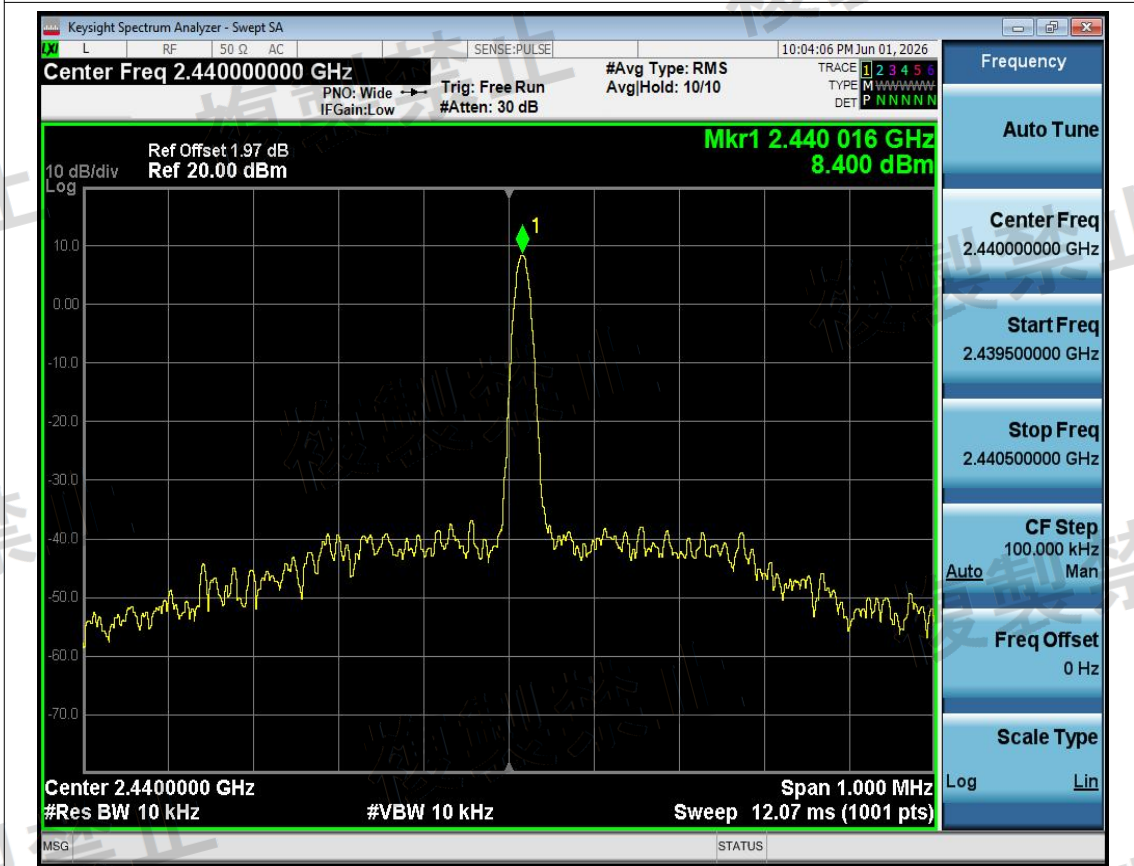


Frequency Error

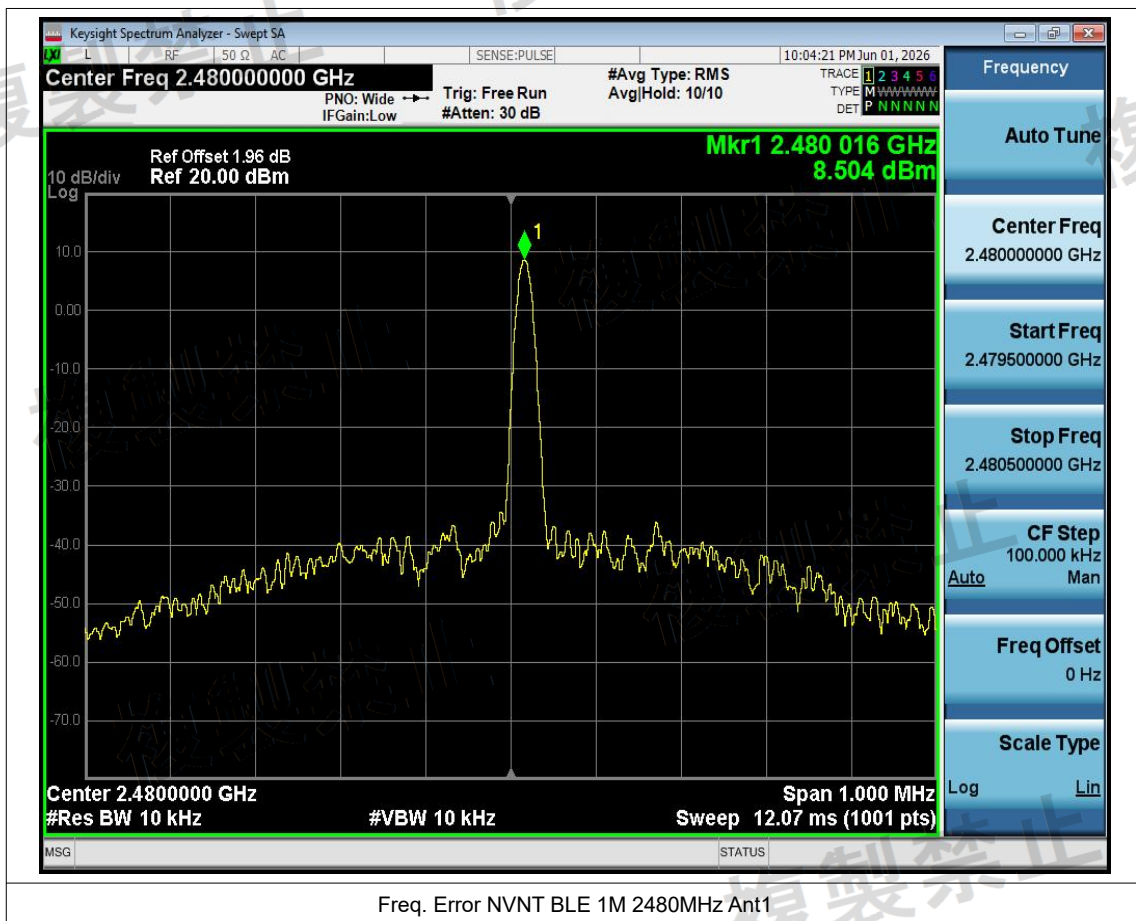
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	BLE 1M	2402	Ant1	2402.016	16000	6.66	50	Pass
NVNT	BLE 1M	2440	Ant1	2440.016	16000	6.56	50	Pass
NVNT	BLE 1M	2480	Ant1	2480.016	16000	6.45	50	Pass



Freq. Error NVNT BLE 1M 2402MHz Ant1



Freq. Error 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	2.32	1.706	10	3	-43.13	20	Pass
NVNT	BLE 1M	2440	Ant1	2.73	1.875	10	3	-37.5	20	Pass
NVNT	BLE 1M	2480	Ant1	2.64	1.837	10	3	-38.77	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	1.706	2.32	2.34	4.66	12.14	Pass
NVNT	BLE 1M	2440	Ant1	1.875	2.73	2.34	5.07	12.14	Pass
NVNT	BLE 1M	2480	Ant1	1.837	2.64	2.34	4.98	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	1.21	N/A	26	Pass
NVNT	BLE 1M	2440	Ant1	1.2095	N/A	26	Pass
NVNT	BLE 1M	2480	Ant1	1.2089	N/A	26	Pass



OBW NVNT BLE 1M 2402MHz Ant1



OBW NVNT BLE 1M 2440MHz Ant1





Spreading Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	90% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	0.81399
NVNT	BLE 1M	2440	Ant1	0.81179
NVNT	BLE 1M	2480	Ant1	0.81301



Spreading Bandwidth NVNT BLE 1M 2402MHz Ant1



Spreading Bandwidth NVNT BLE 1M 2440MHz Ant1



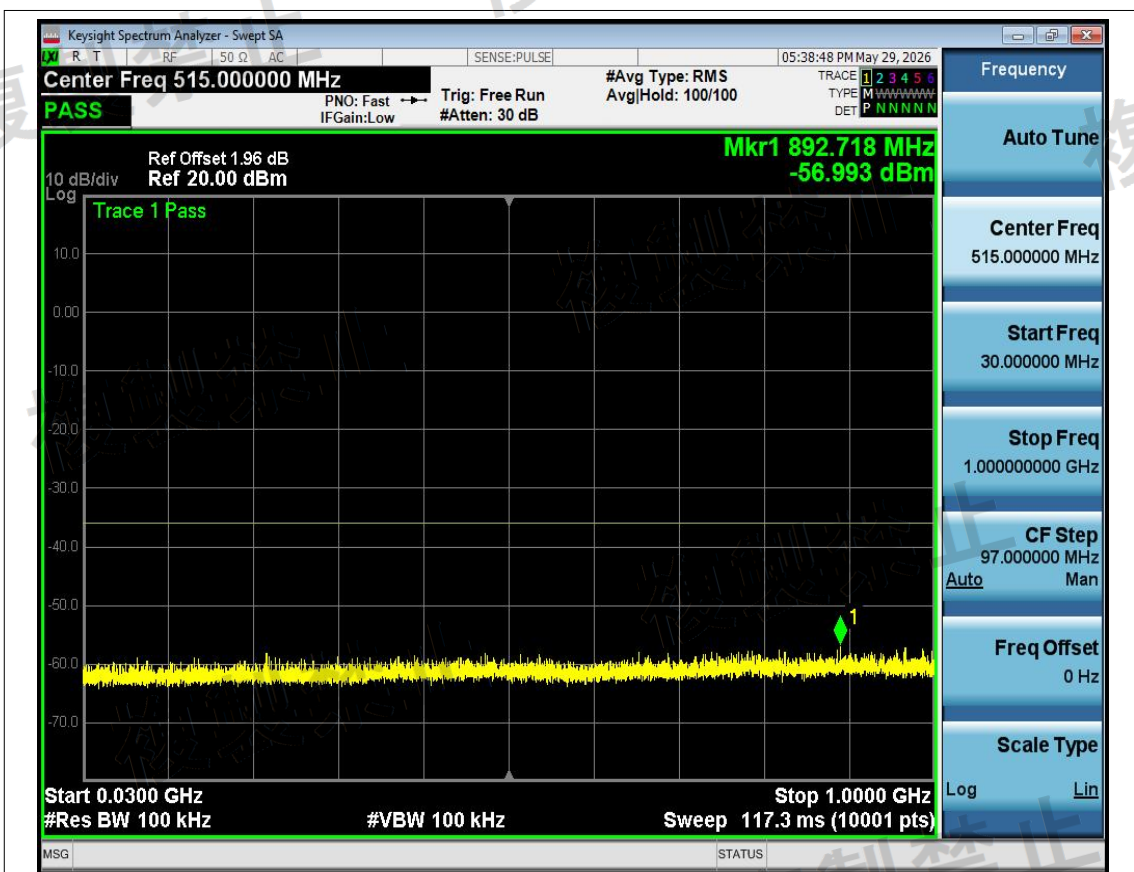


Tx Spurious Emission

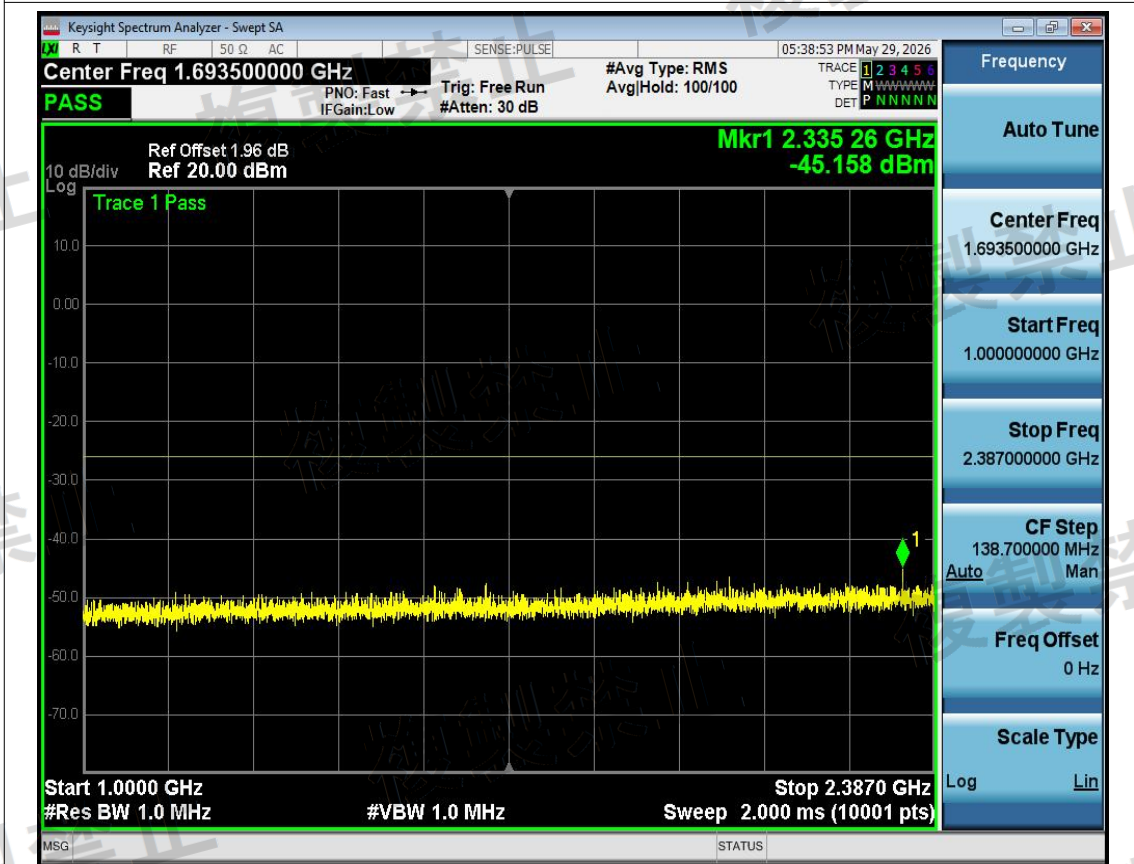
Condit ion	Mo de	Frequ ncy (MHz)	Anten na	Range (MHz)	Emissi on Freque ncy (MHz)	Max Pea k Valu e (dB m)	Max RM S Valu e (dB m)	Max Pea k Valu e (uW)	Ma x RM S Val ue (u W)	Limit Start(u W)	Li mit Sto p (u W)	Verd ict
NVNT	BL E 1M	2402	Ant1	30-1000	892.72	-56. 99	NA	0.00 2	NA	0.25	0.2 5	Pass
NVNT	BL E 1M	2402	Ant1	1000-238 7	2335.26	-45. 15	NA	0.03 05	NA	2.5	2.5	Pass
NVNT	BL E 1M	2402	Ant1	2387-240 0	2400.00	-34. 84	NA	0.32 81	NA	25	25	Pass
NVNT	BL E 1M	2402	Ant1	2483.5-24 96.5	2495.32	-45. 84	NA	0.02 61	NA	25	25	Pass
NVNT	BL E 1M	2402	Ant1	2496.5-13 000	2578.43	-43. 34	NA	0.04 63	NA	2.5	2.5	Pass
NVNT	BL E 1M	2440	Ant1	30-1000	957.71	-57. 25	NA	0.00 19	NA	0.25	0.2 5	Pass
NVNT	BL E 1M	2440	Ant1	1000-238 7	2246.77	-46. 60	NA	0.02 19	NA	2.5	2.5	Pass
NVNT	BL E 1M	2440	Ant1	2387-240 0	2399.99	-47. 23	NA	0.01 89	NA	25	25	Pass
NVNT	BL E 1M	2440	Ant1	2483.5-24 96.5	2489.40	-46. 13	NA	0.02 44	NA	25	25	Pass
NVNT	BL E 1M	2440	Ant1	2496.5-13 000	5811.40	-44. 27	NA	0.03 74	NA	2.5	2.5	Pass
NVNT	BL E 1M	2480	Ant1	30-1000	868.47	-56. 68	NA	0.00 21	NA	0.25	0.2 5	Pass
NVNT	BL	2480	Ant1	1000-238	2374.52	-46.	NA	0.02	NA	2.5	2.5	Pass



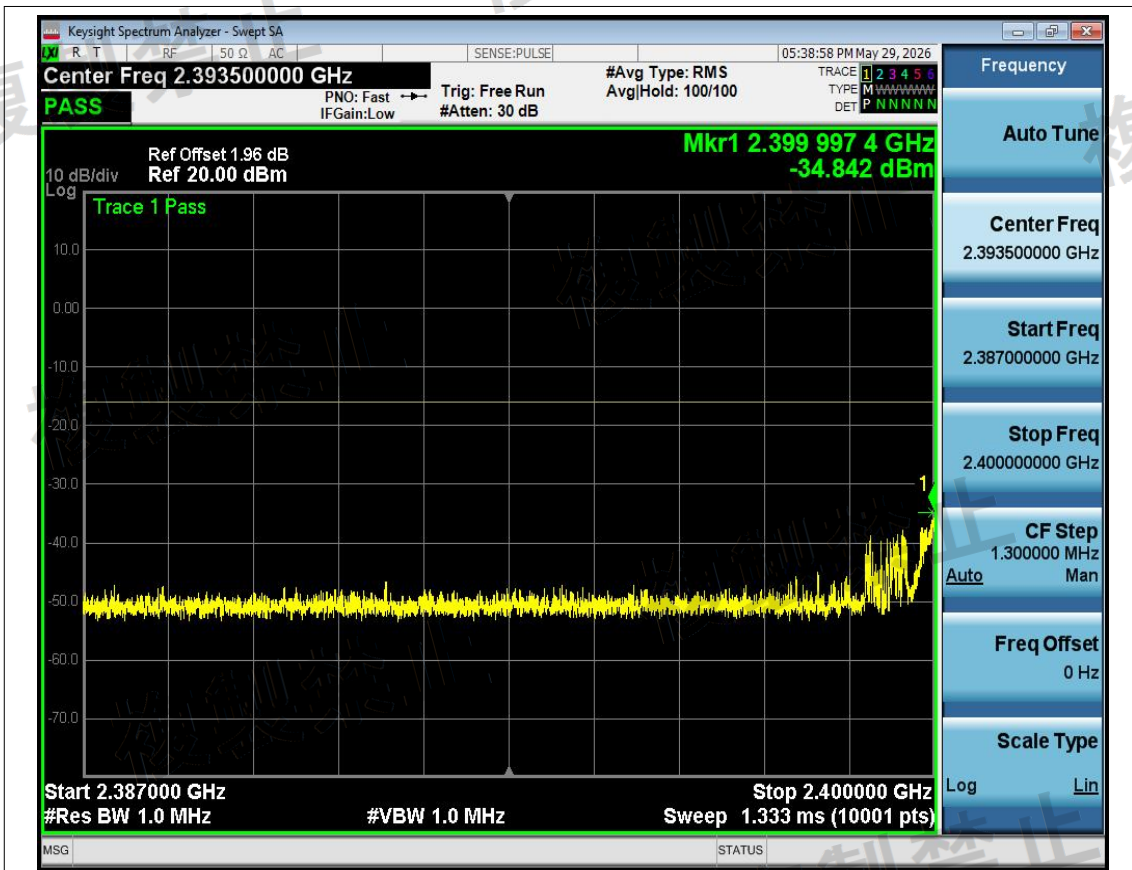
	E 1M			7		66		16				
NVNT	BL E 1M	2480	Ant1	2387-240 0	2391.16	-46. 63	NA	0.02 17	NA	25	25	Pass
NVNT	BL E 1M	2480	Ant1	2483.5-24 96.5	2484.09	-45. 19	NA	0.03 03	NA	25	25	Pass
NVNT	BL E 1M	2480	Ant1	2496.5-13 000	5675.91	-44. 21	NA	0.03 79	NA	2.5	2.5	Pass



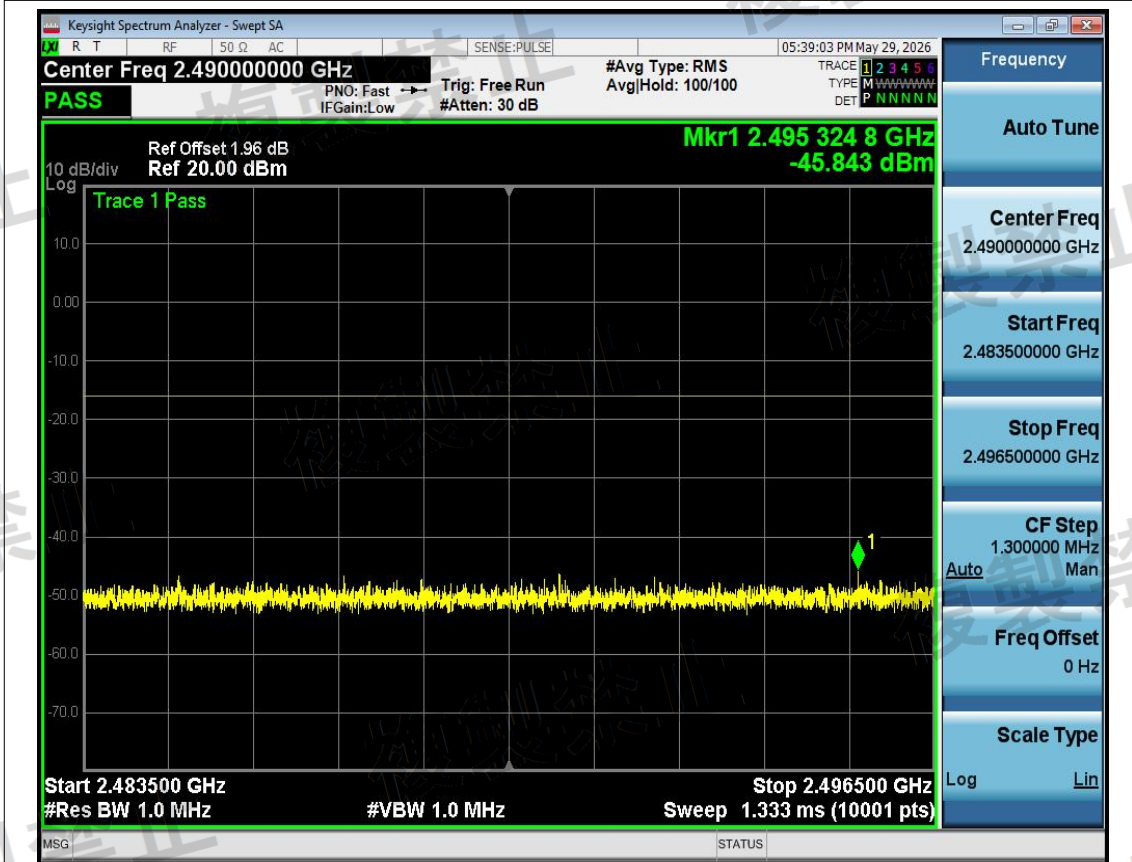
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 30MHz-1000MHz



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



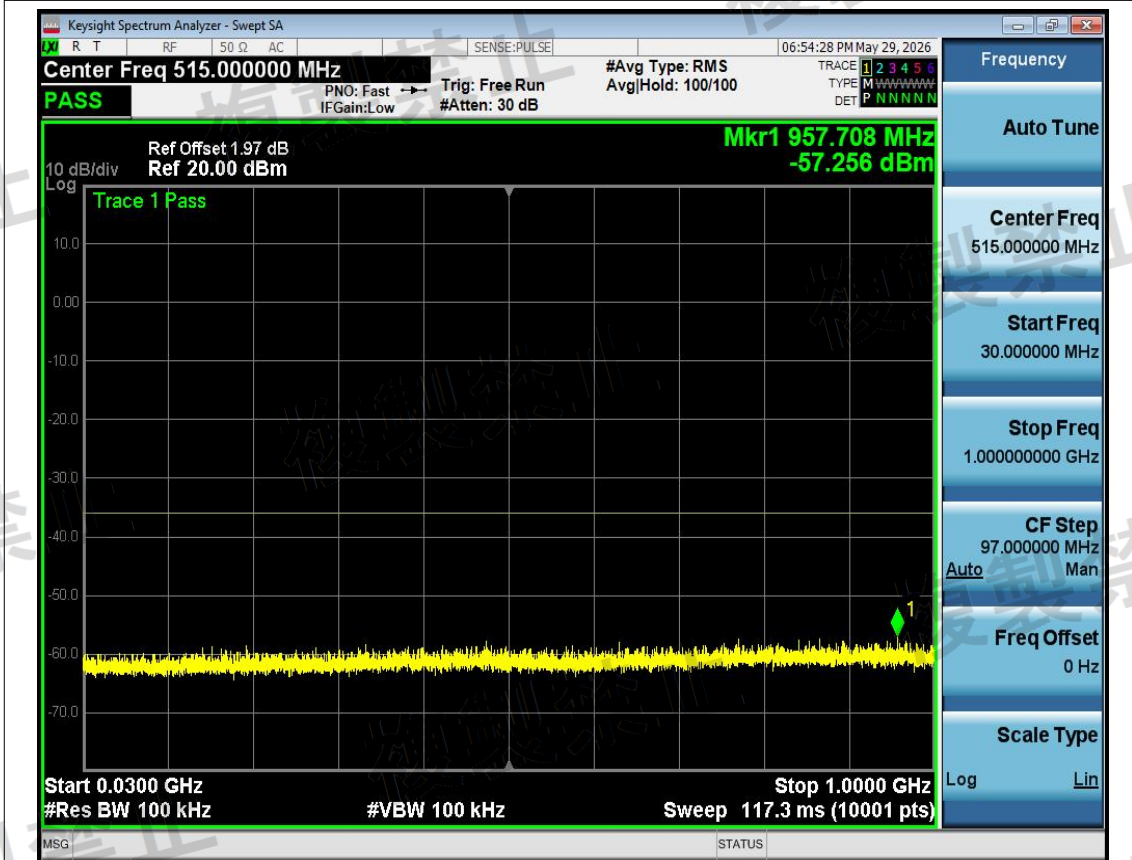
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 2387MHz-2400MHz



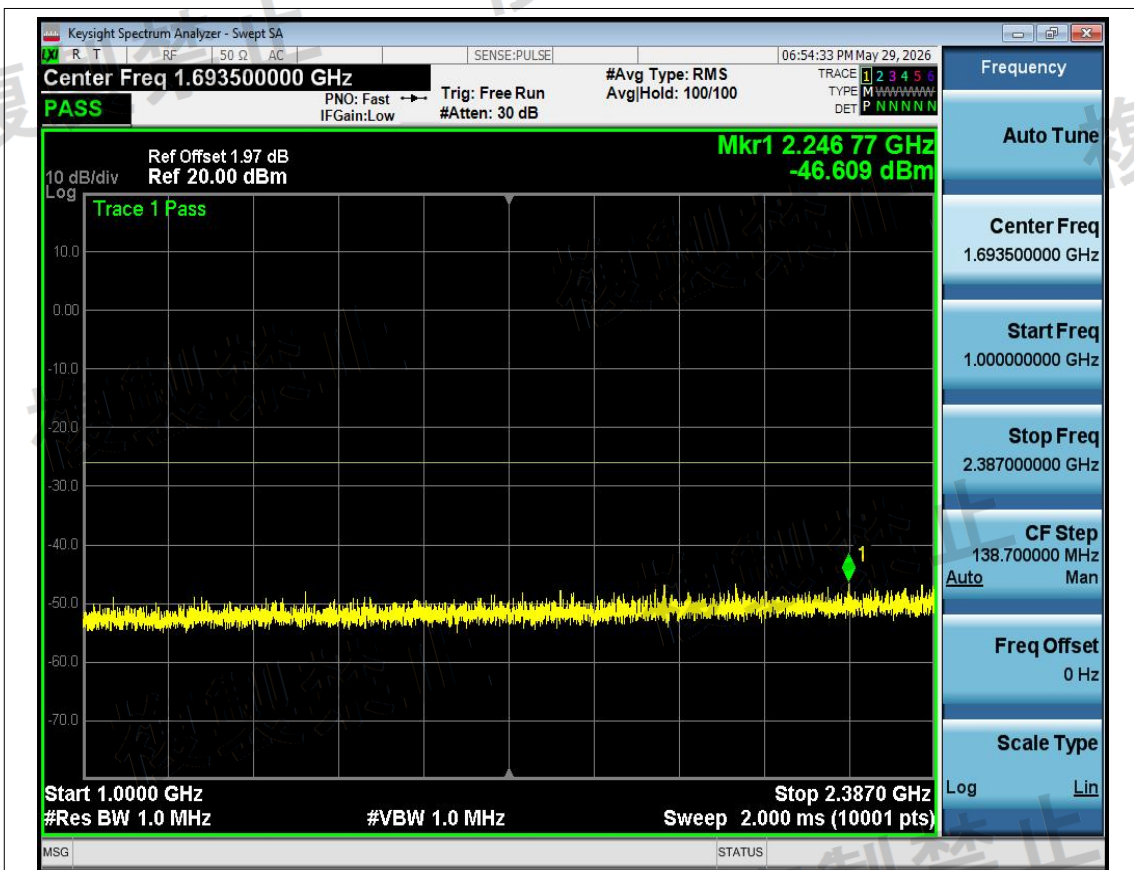
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 2483.5MHz-2496.5MHz



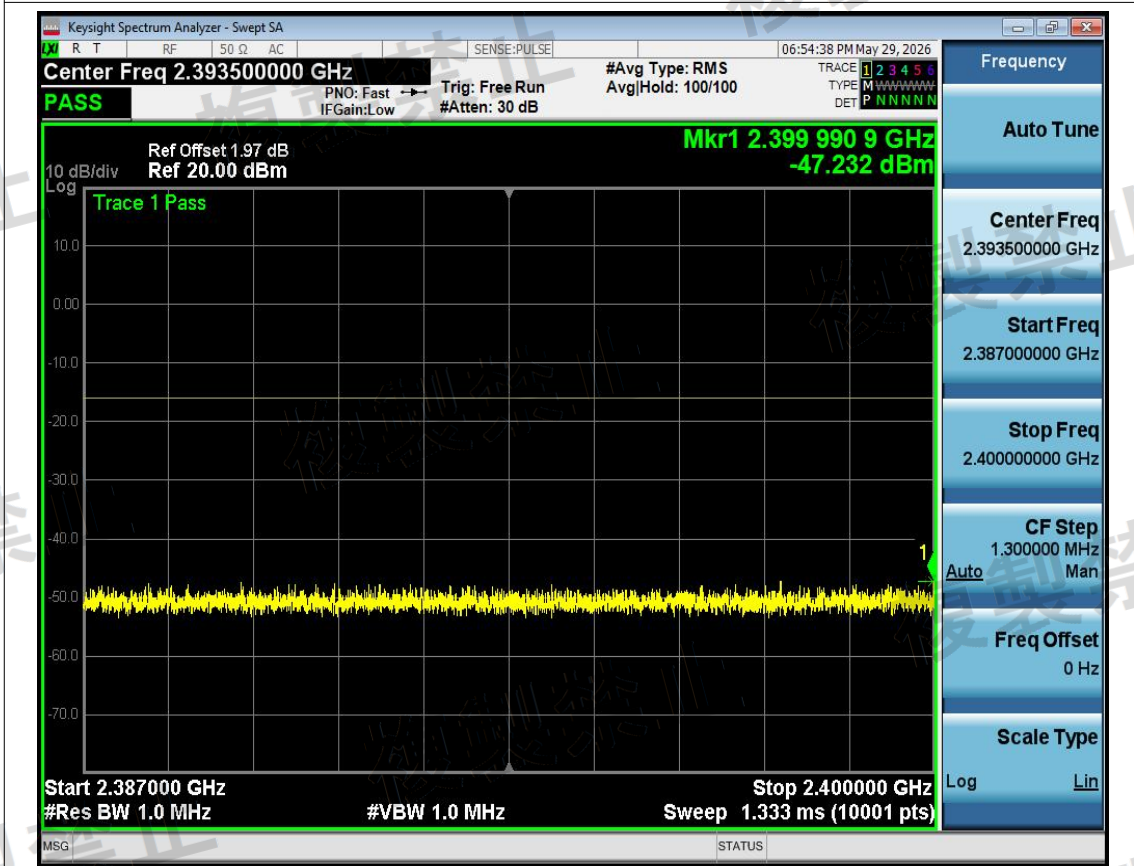
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 2496.5MHz-13000MHz



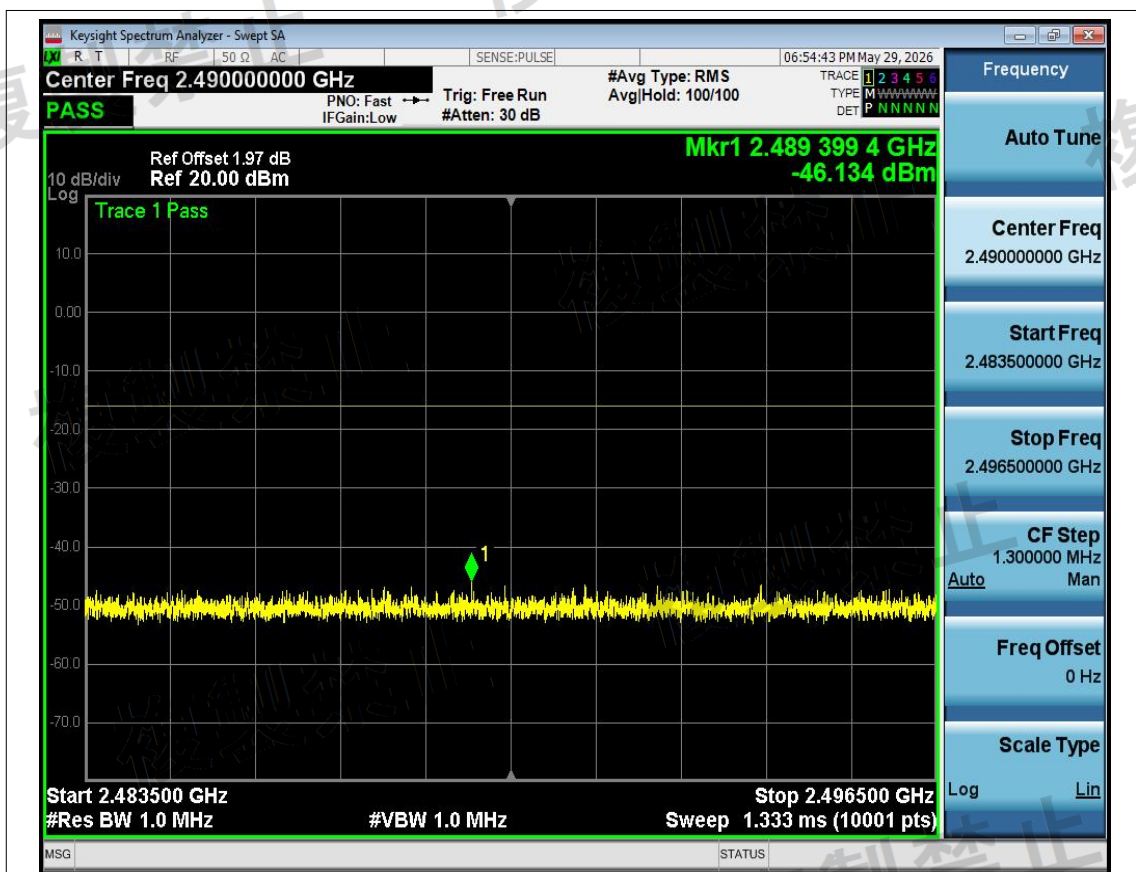
Tx. Spurious NVNT BLE 1M 2440MHz Ant1 @ 30MHz-1000MHz



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



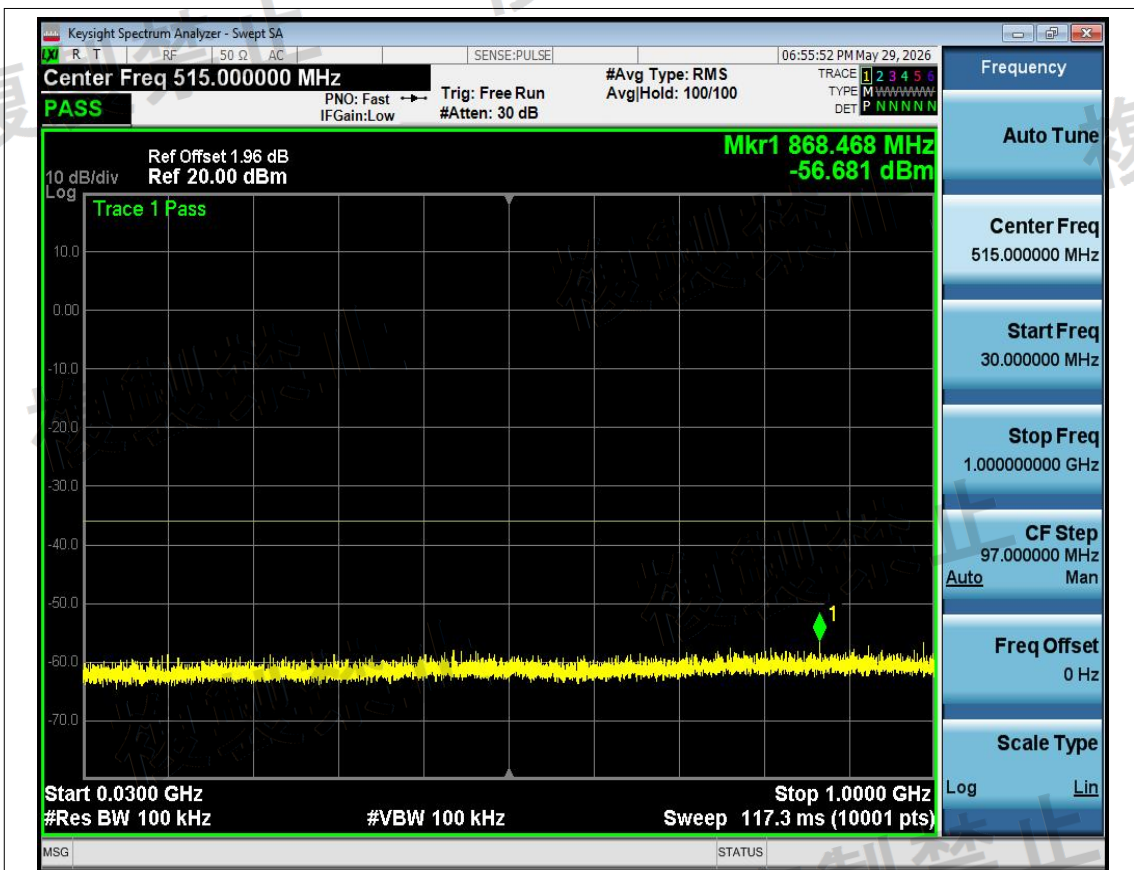
Tx. Spurious NVNT BLE 1M 2440MHz Ant1 @ 2387MHz-2400MHz



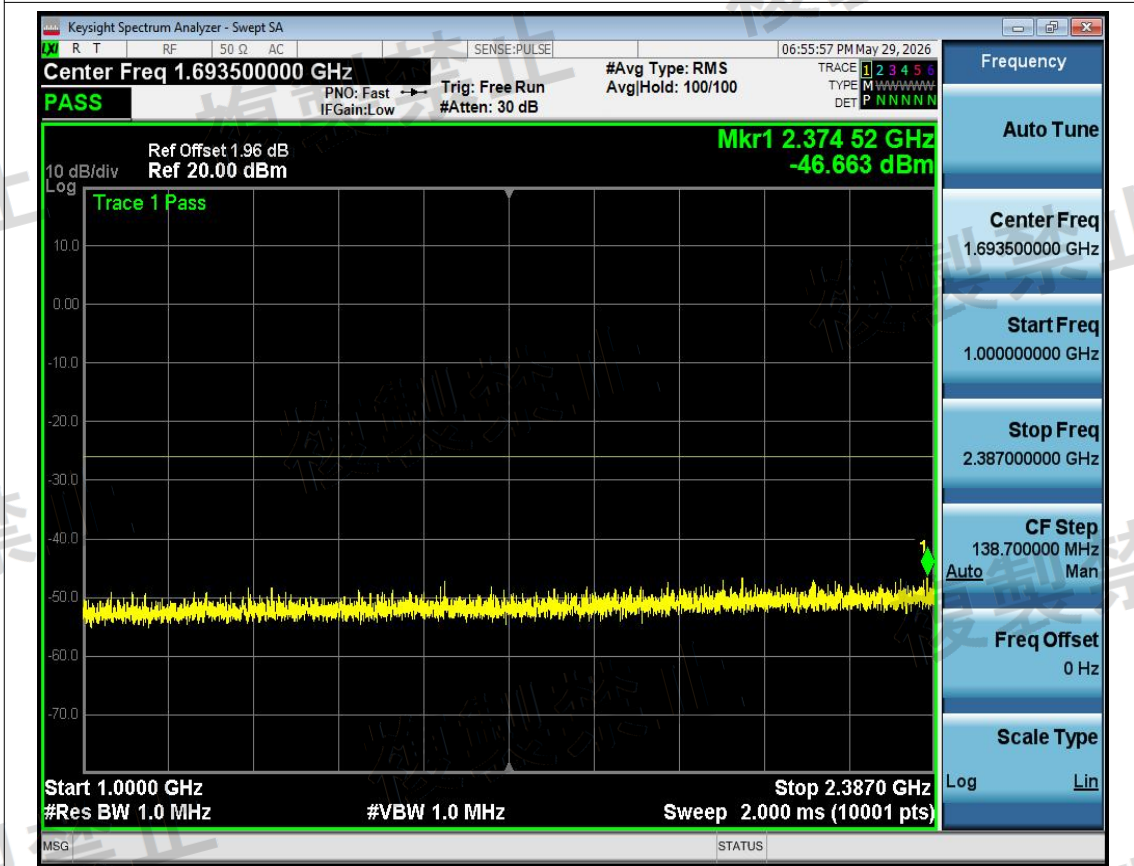
Tx. Spurious NVNT BLE 1M 2440MHz Ant1 @ 2483.5MHz-2496.5MHz



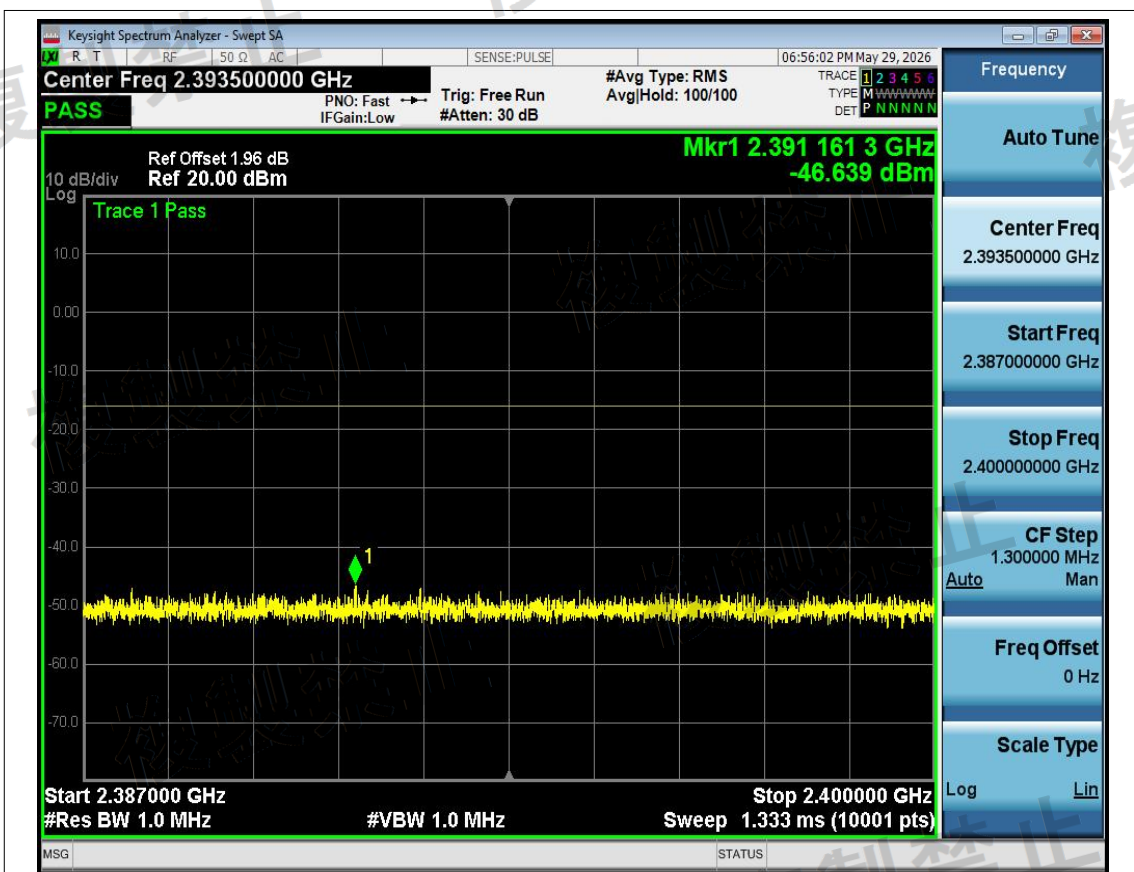
Tx. Spurious NVNT BLE 1M 2440MHz Ant1 @ 2496.5MHz-13000MHz



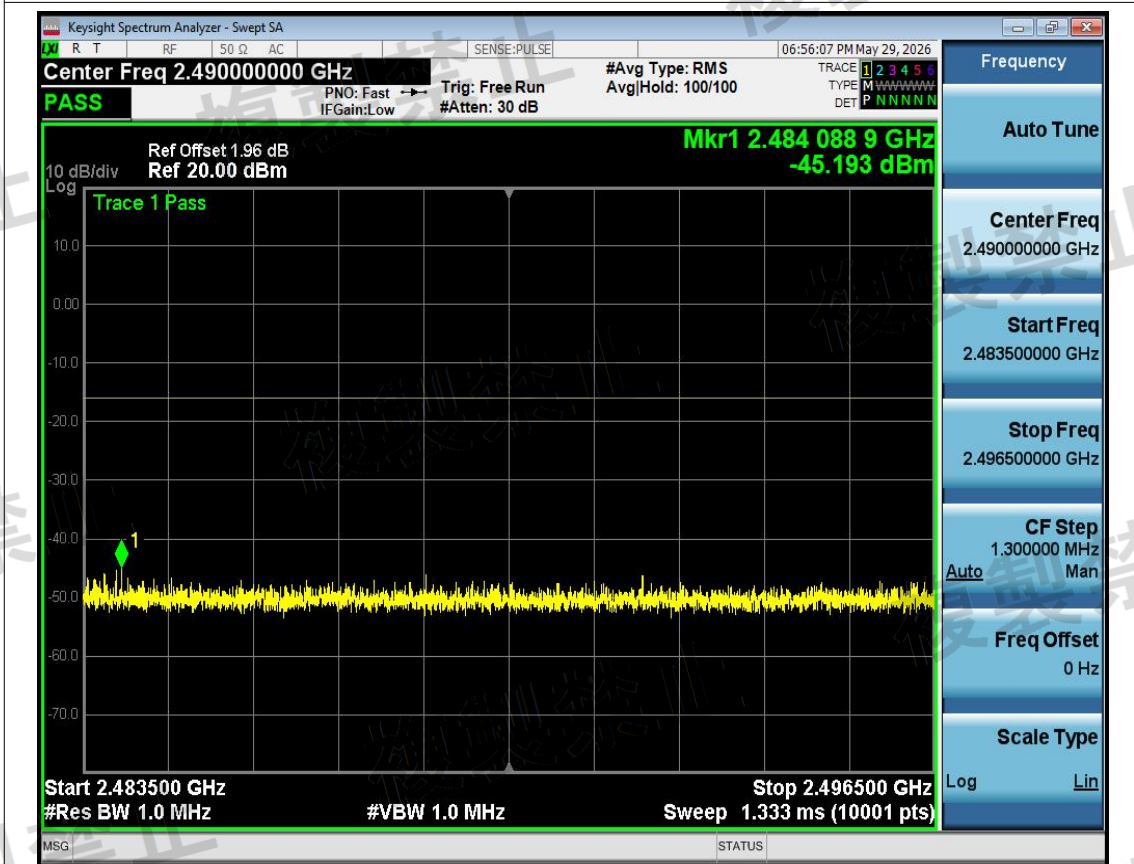
Tx. Spurious NVNT BLE 1M 2480MHz Ant1 @ 30MHz-1000MHz



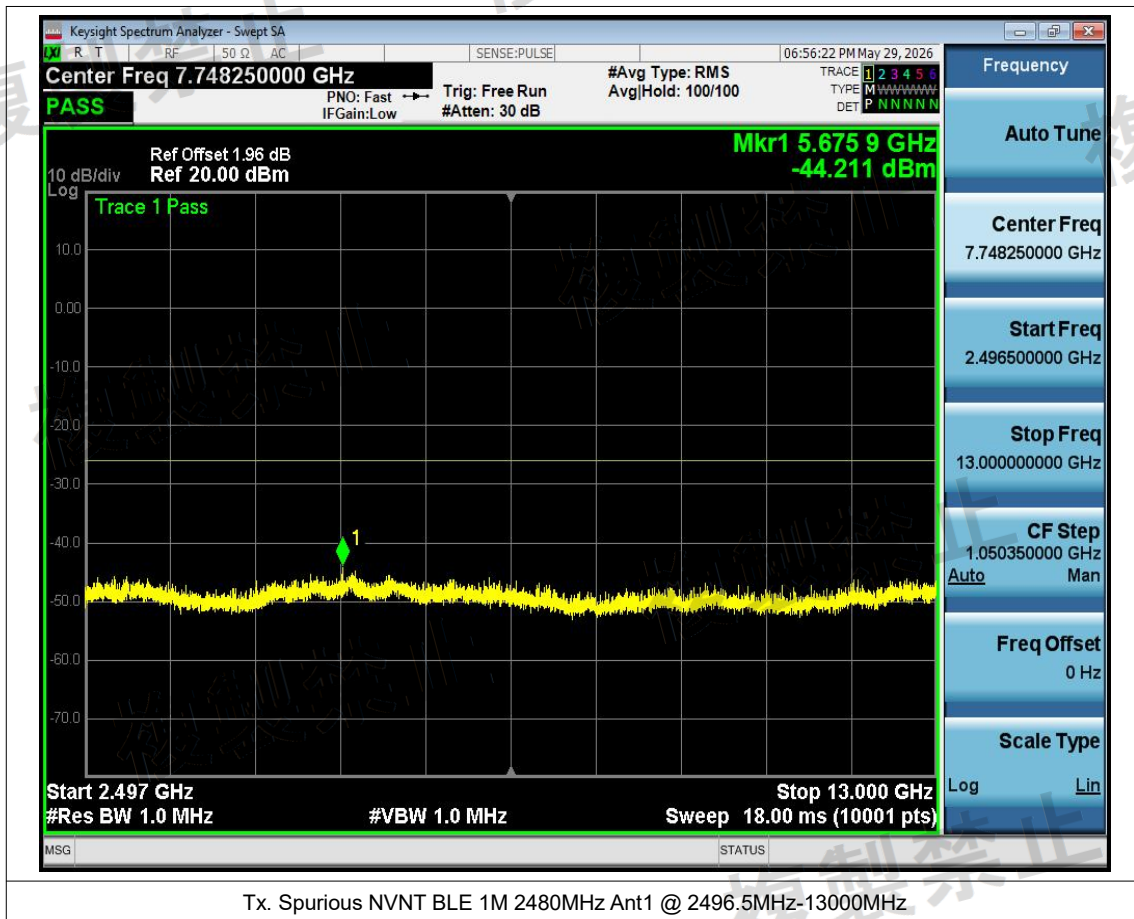
Tx. Spurious NVNT BLE 1M 2480MHz Ant1 @ 1000MHz-2387MHz



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



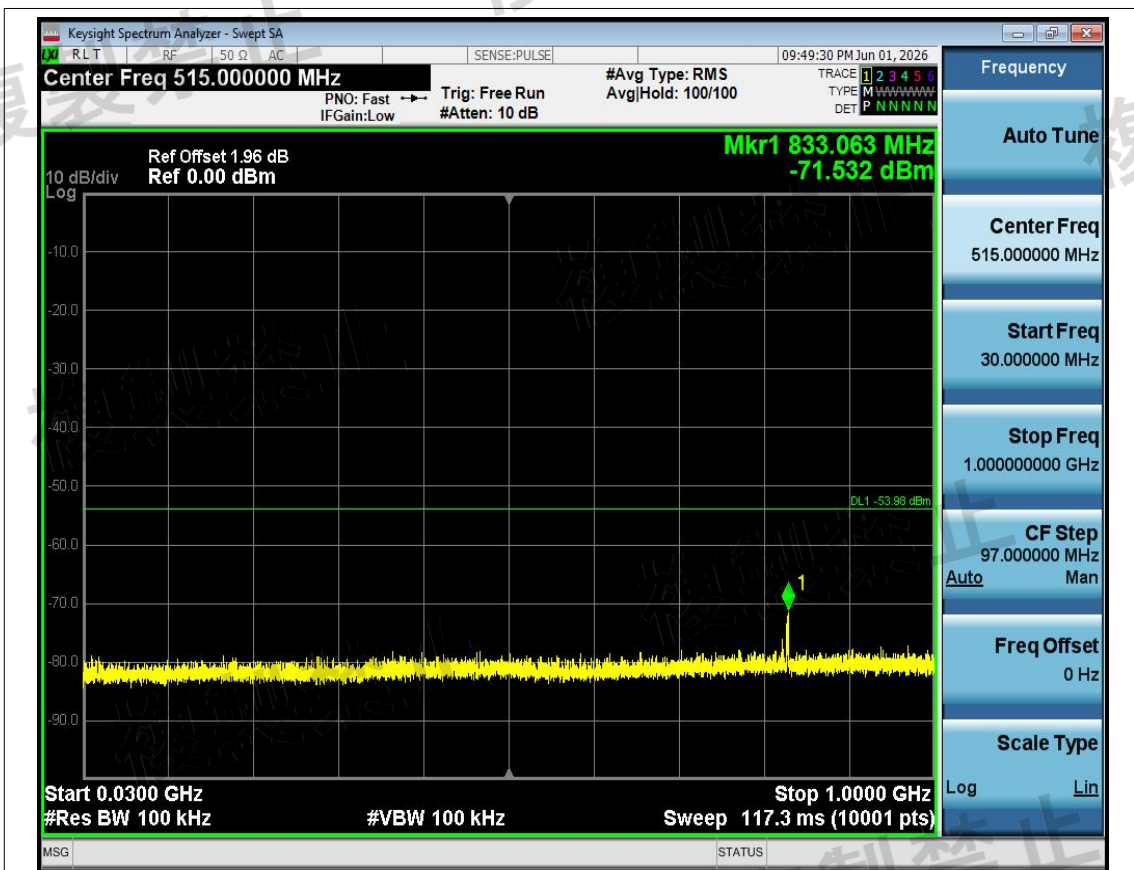
Tx. Spurious NVNT BLE 1M 2480MHz Ant1 @ 2483.5MHz-2496.5MHz



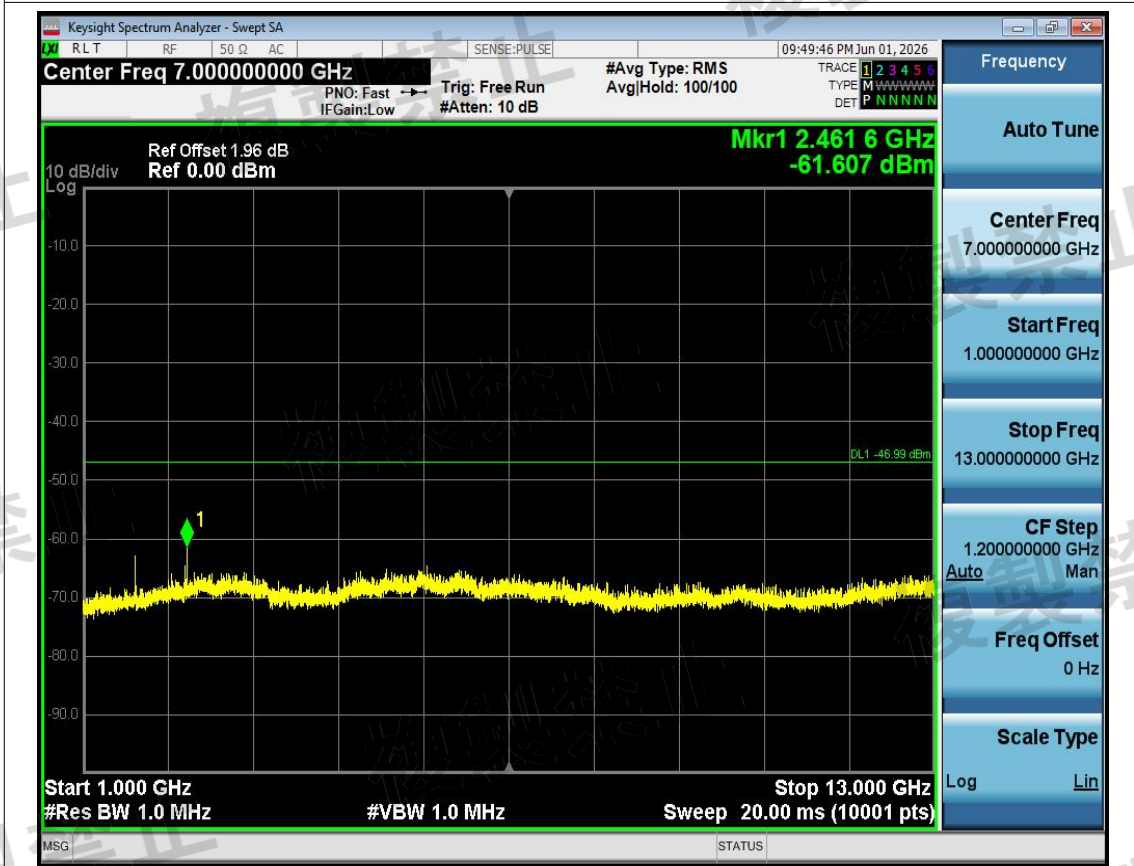


Rx Spurious Emission

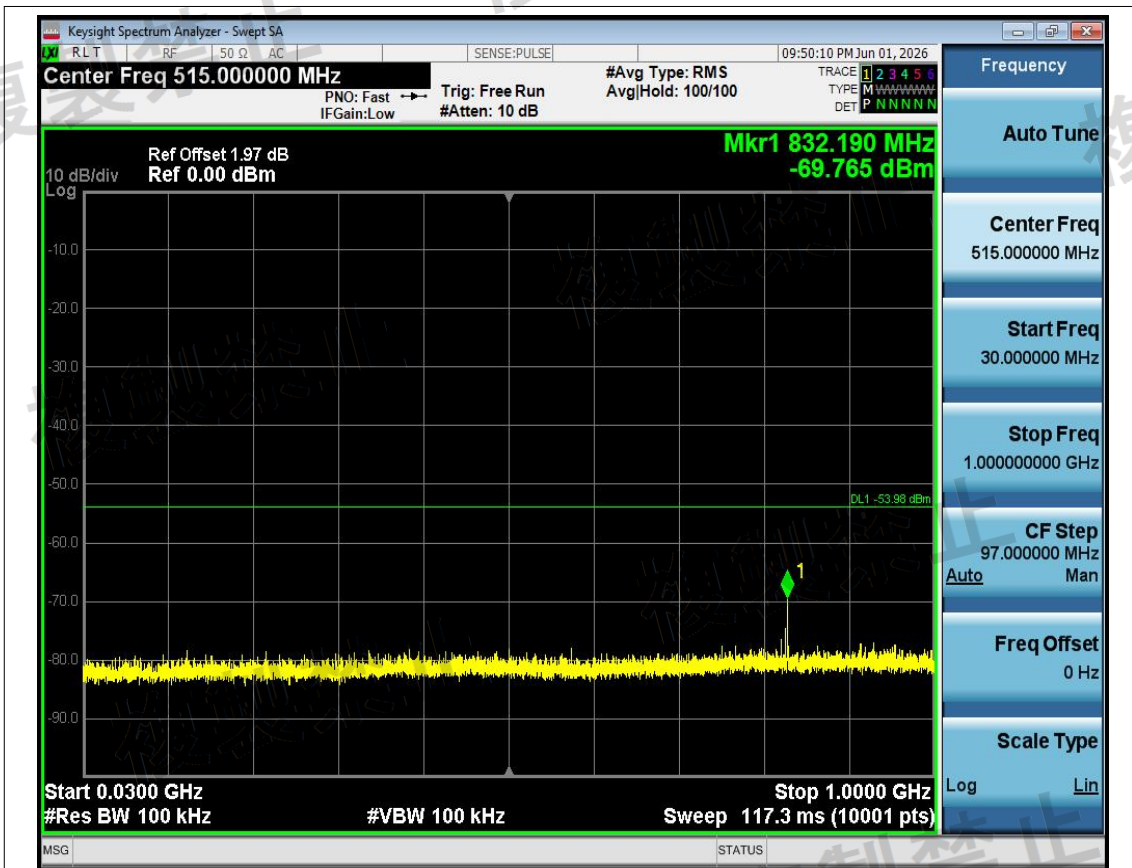
Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Emission Frequency (MHz)	Max Peak Value (dBm)	Max RMS Value (dBm)	Max Peak Value (nW)	Max RMS Value (nW)	Limit (nW)	Verdict
NVNT	BLE 1M	2402	Ant1	30-1000	833.06	-71.53	NA	0.0703	NA	4	Pass
NVNT	BLE 1M	2402	Ant1	1000-13000	2461.60	-61.61	NA	0.6902	NA	20	Pass
NVNT	BLE 1M	2440	Ant1	30-1000	832.19	-69.77	NA	0.1054	NA	4	Pass
NVNT	BLE 1M	2440	Ant1	1000-13000	2405.20	-58.40	NA	1.4454	NA	20	Pass
NVNT	BLE 1M	2480	Ant1	30-1000	832.38	-72.70	NA	0.0537	NA	4	Pass
NVNT	BLE 1M	2480	Ant1	1000-13000	5179.60	-59.89	NA	1.0257	NA	20	Pass



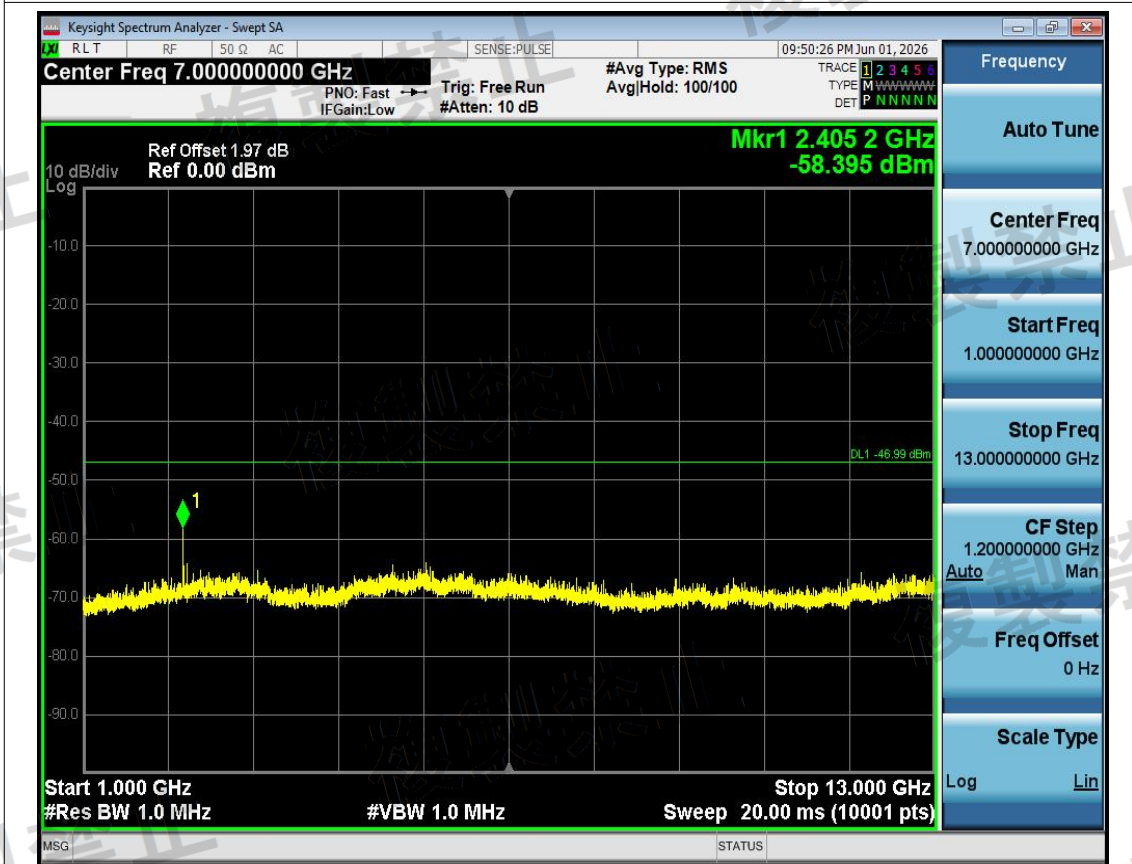
Rx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 30MHz-1000MHz



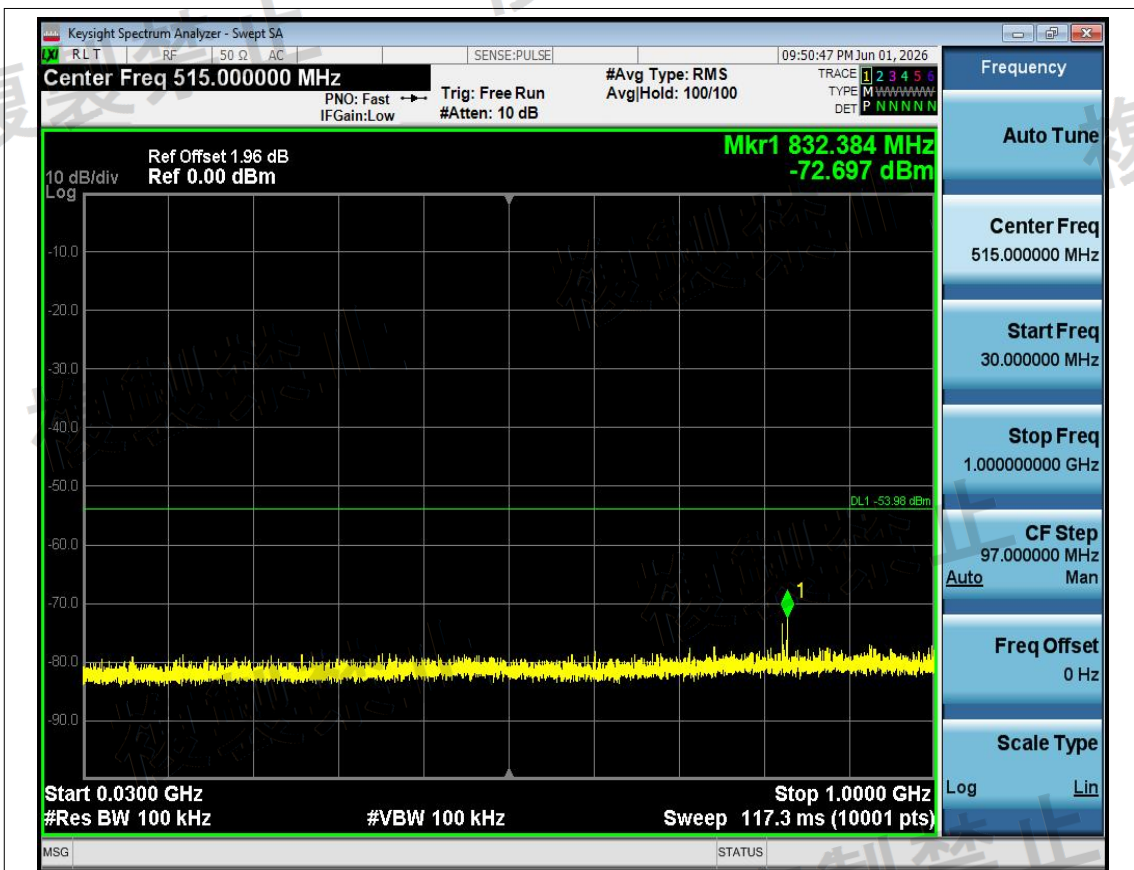
Rx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 1000MHz-13000MHz



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