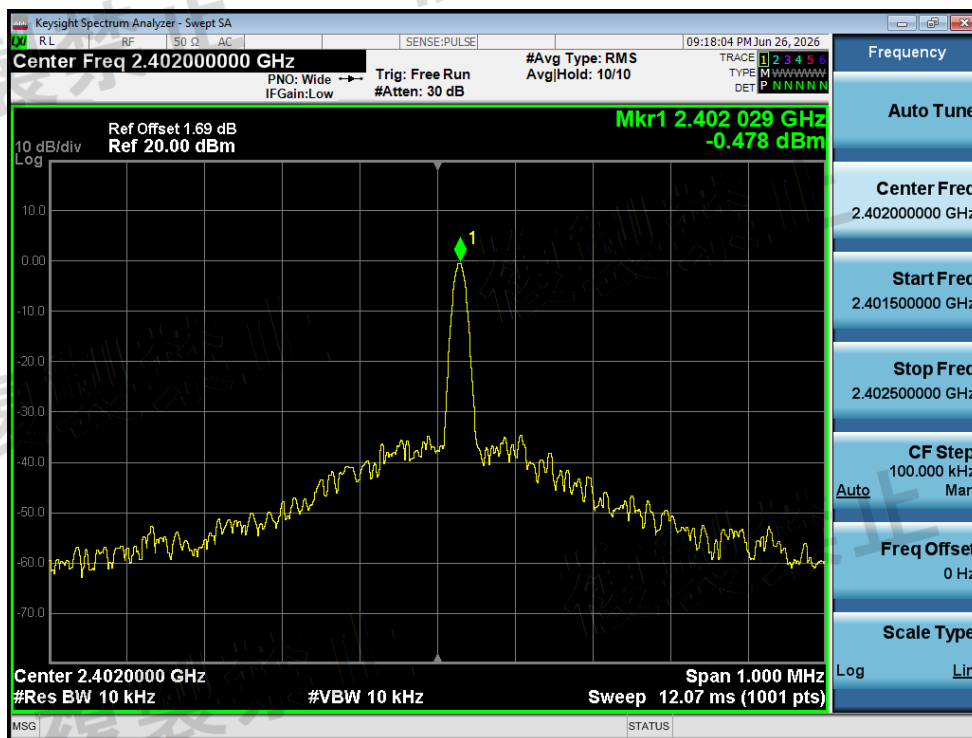


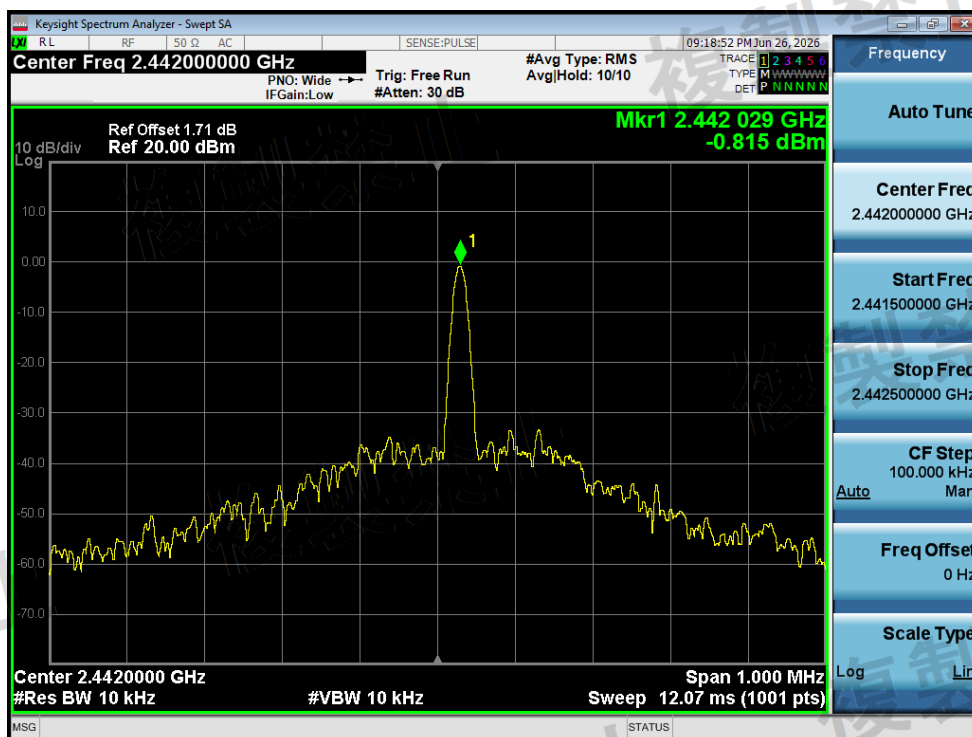
Appendix B of Test Report

1. Frequency Error

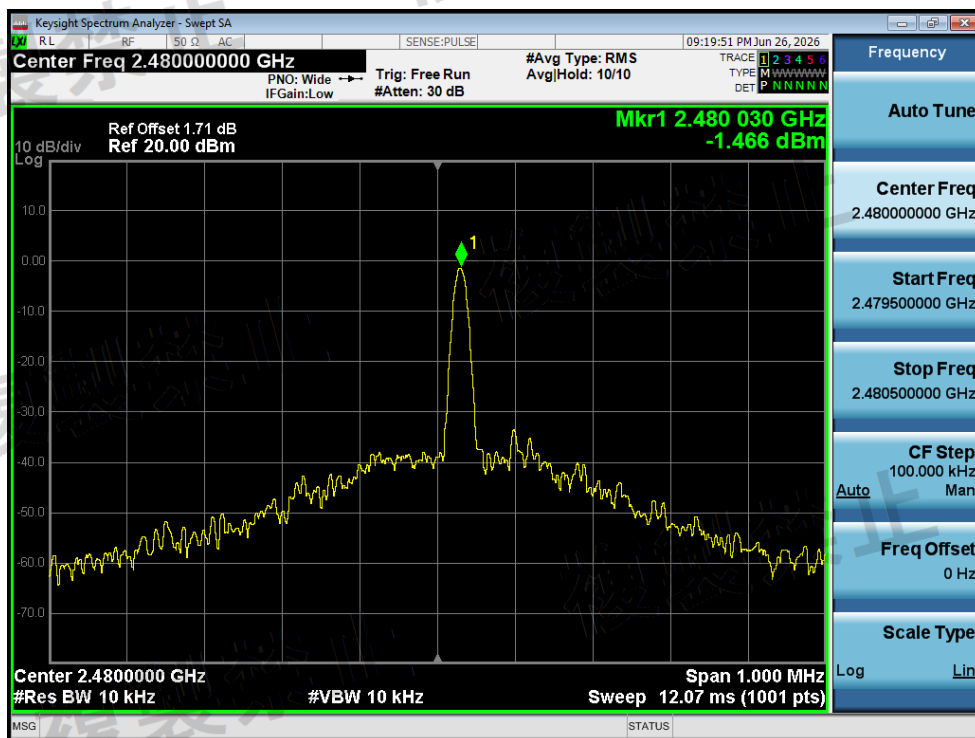
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	BLE 1M	2402	Ant1	2402.029	29000	12.07	±50	Pass
NVNT	BLE 1M	2442	Ant1	2442.029	29000	11.88	±50	Pass
NVNT	BLE 1M	2480	Ant1	2480.03	30000	12.1	±50	Pass



Freq. Error NVNT BLE 1M 2402MHz Ant1



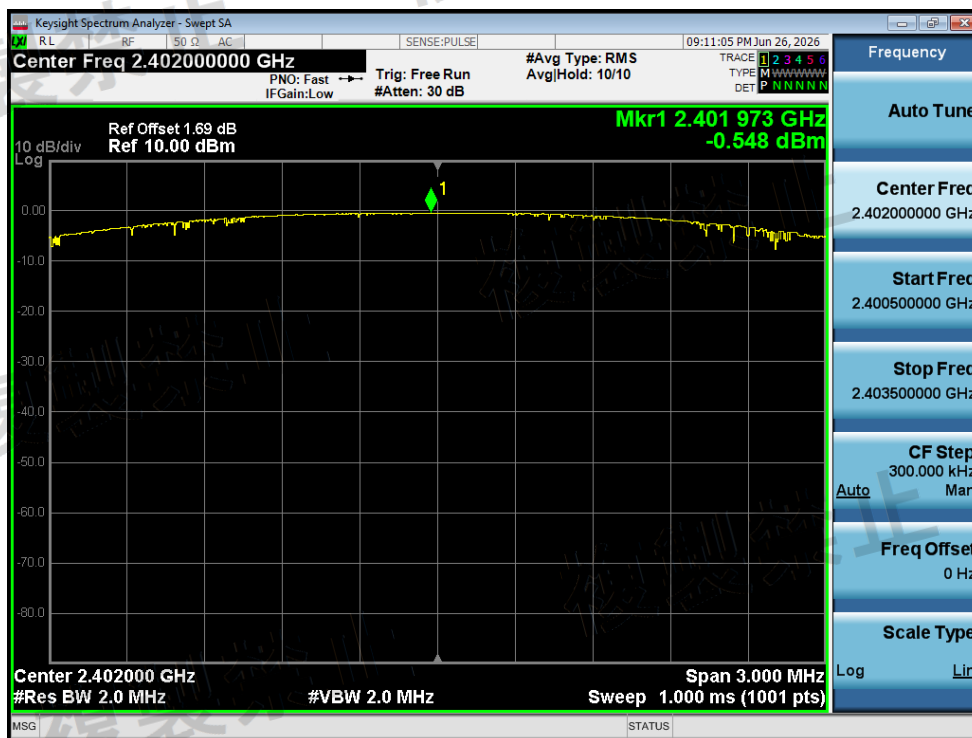
Freq. Error NVNT BLE 1M 2442MHz Ant1



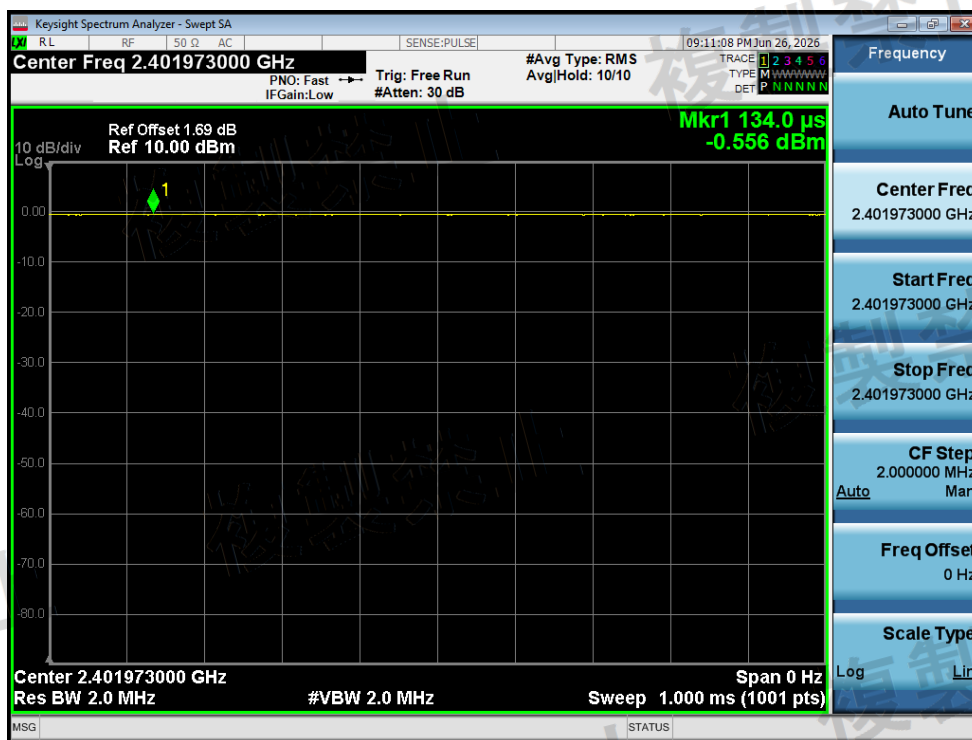
Freq. Error NVNT BLE 1M 2480MHz Ant1

2. Antenna and EIRP Power

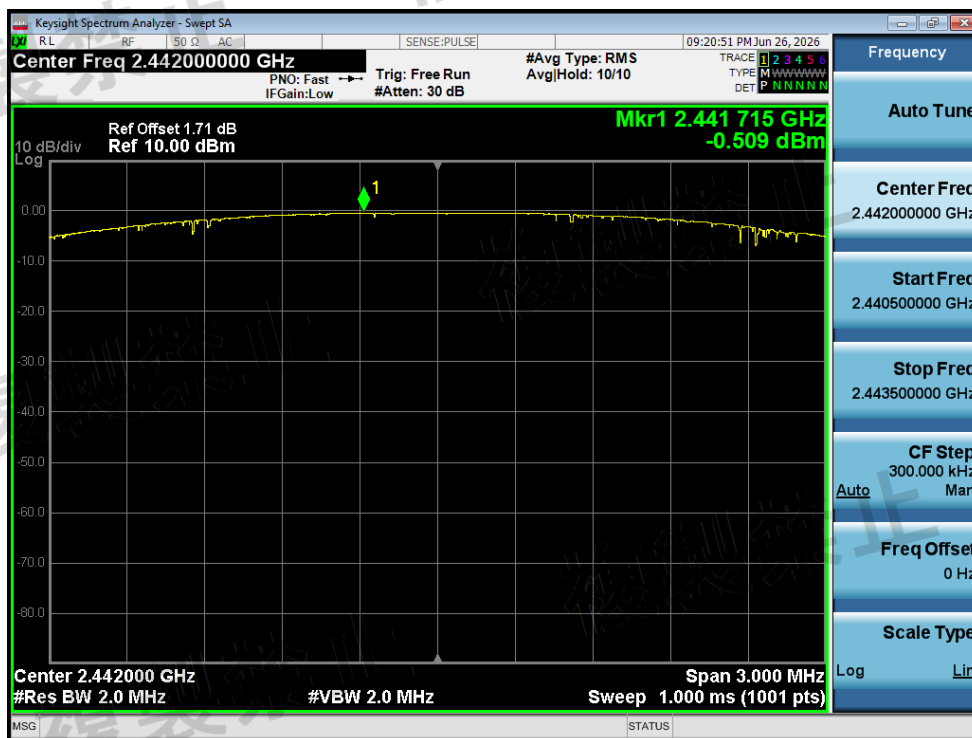
Condition	Mode	Frequency (MHz)	Antenna	Power (dBm)	Antenna Power (mW)	Limit (mW)	Declared Power (mW)	Tolerance (%)	Upper Limit (%)	Verdict
NVNT	BLE 1M	2402	Ant1	-0.56	0.88	10	1	-12	+20	Pass
NVNT	BLE 1M	2442	Ant1	-0.51	0.89	10	1	-11	+20	Pass
NVNT	BLE 1M	2480	Ant1	-0.45	0.9	10	1	-10	+20	Pass



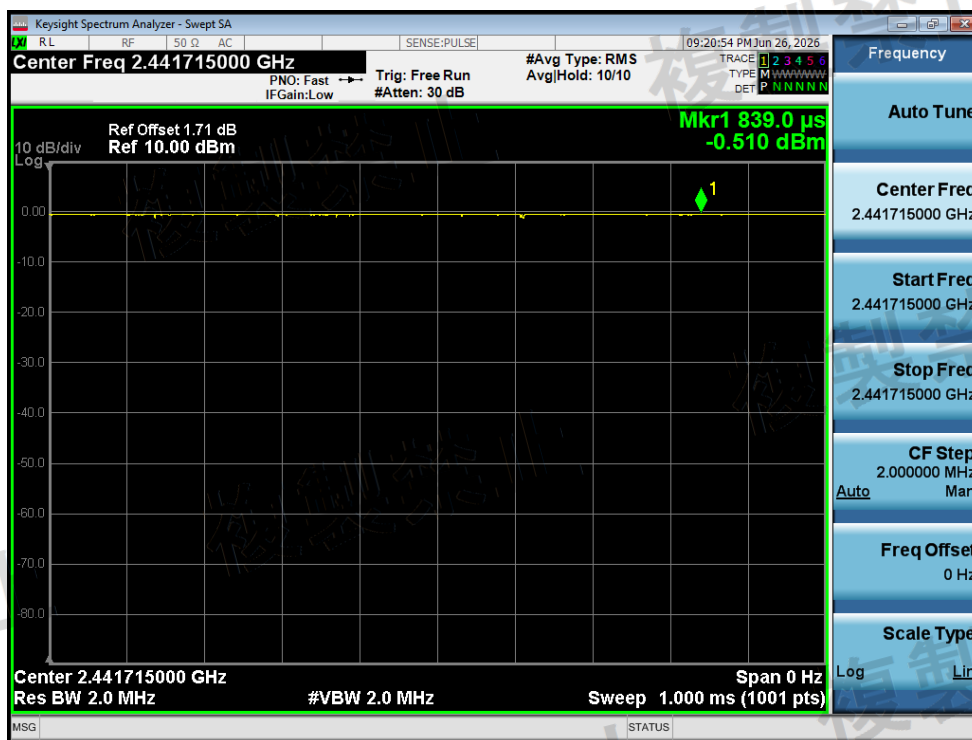
Power NVNT BLE 1M 2402MHz Ant1 Pre Scan



Power NVNT BLE 1M 2402MHz Ant1 Zero Span



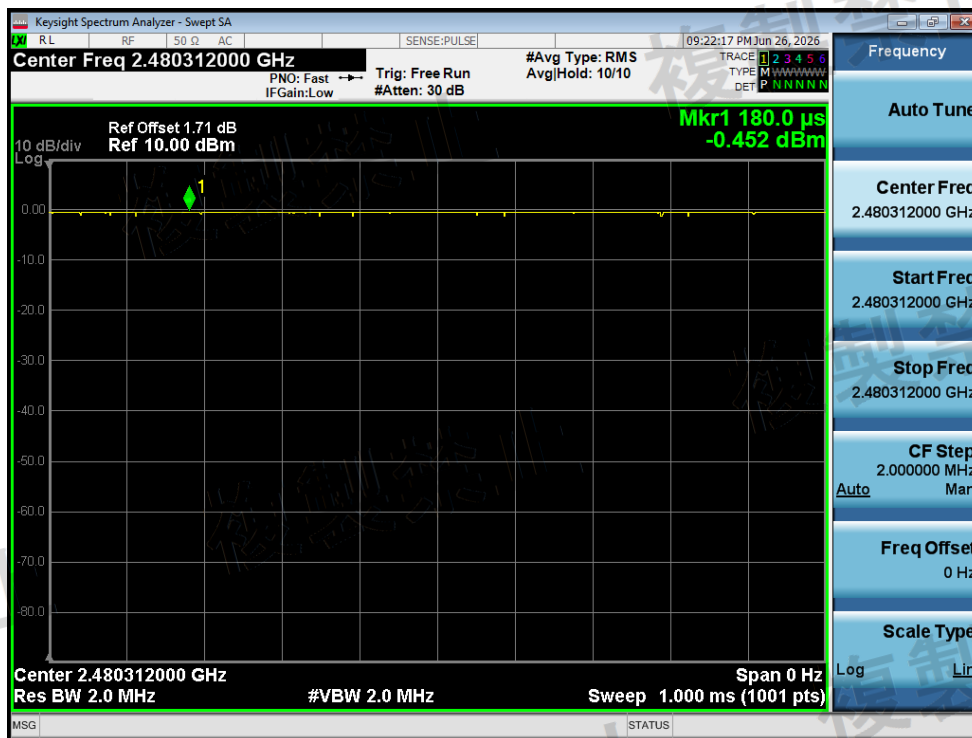
Power NVNT BLE 1M 2442MHz Ant1 Pre Scan



Power NVNT BLE 1M 2442MHz Ant1 Zero Span



Power NVNT BLE 1M 2480MHz Ant1 Pre Scan



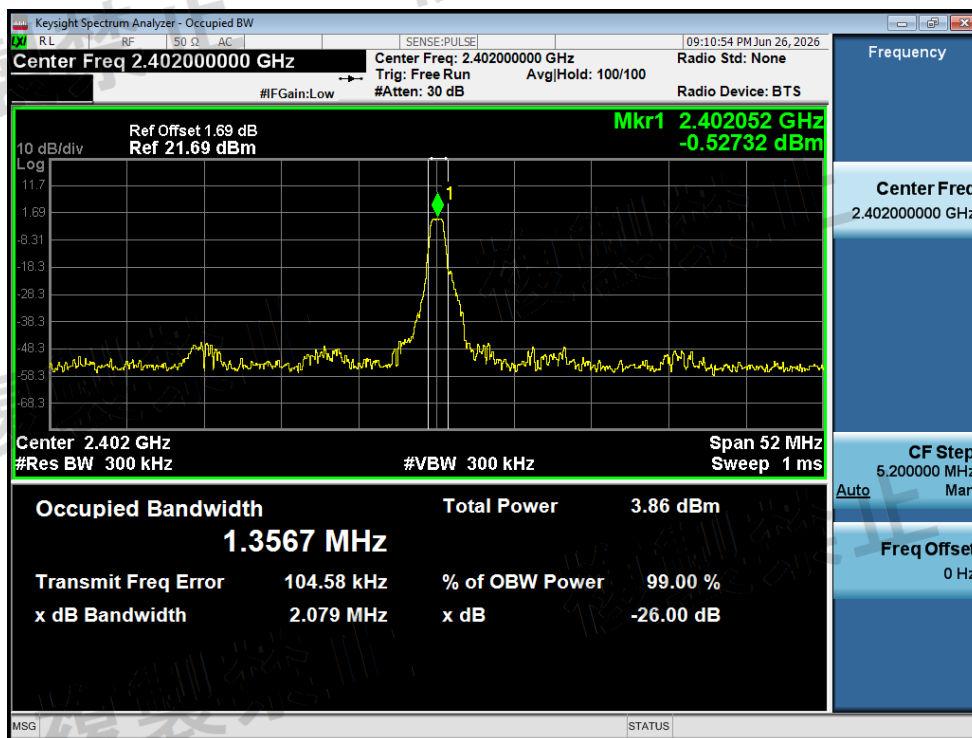
Power NVNT BLE 1M 2480MHz Ant1 Zero Span

3. EIRP Power

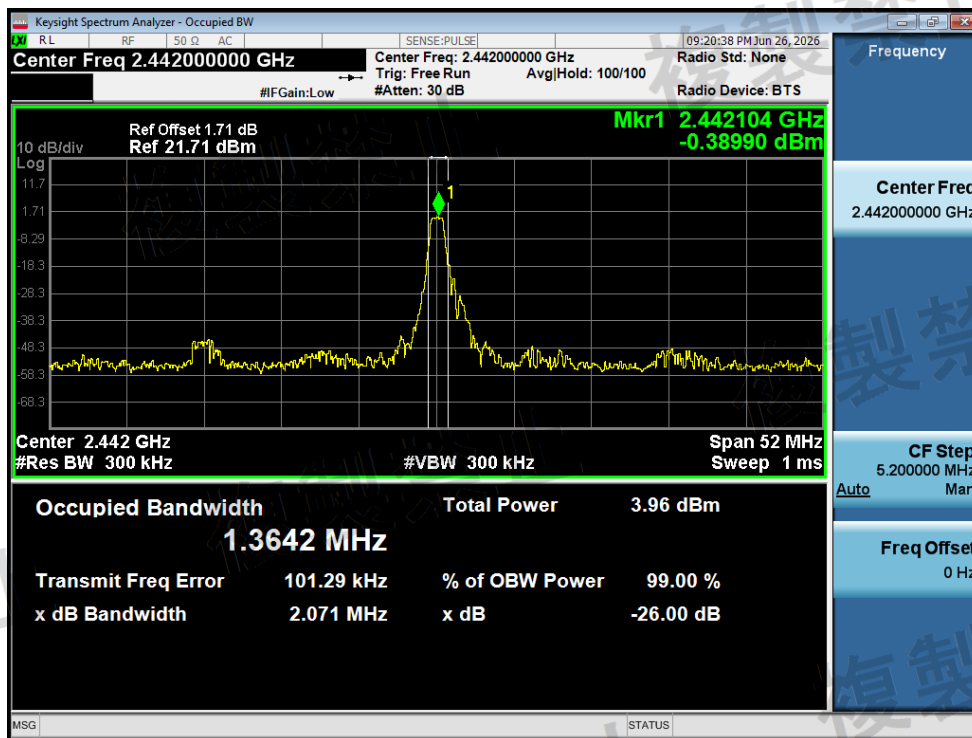
Condition	Mode	Frequency (MHz)	Antenna	Antenna Power (dBm)	Gain (dBi)	EIRP Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	-0.56	2.39	1.83	12.14	Pass
NVNT	BLE 1M	2442	Ant1	-0.51	2.39	1.88	12.14	Pass
NVNT	BLE 1M	2480	Ant1	-0.45	2.39	1.94	12.14	Pass

4. Occupied Channel Bandwidth

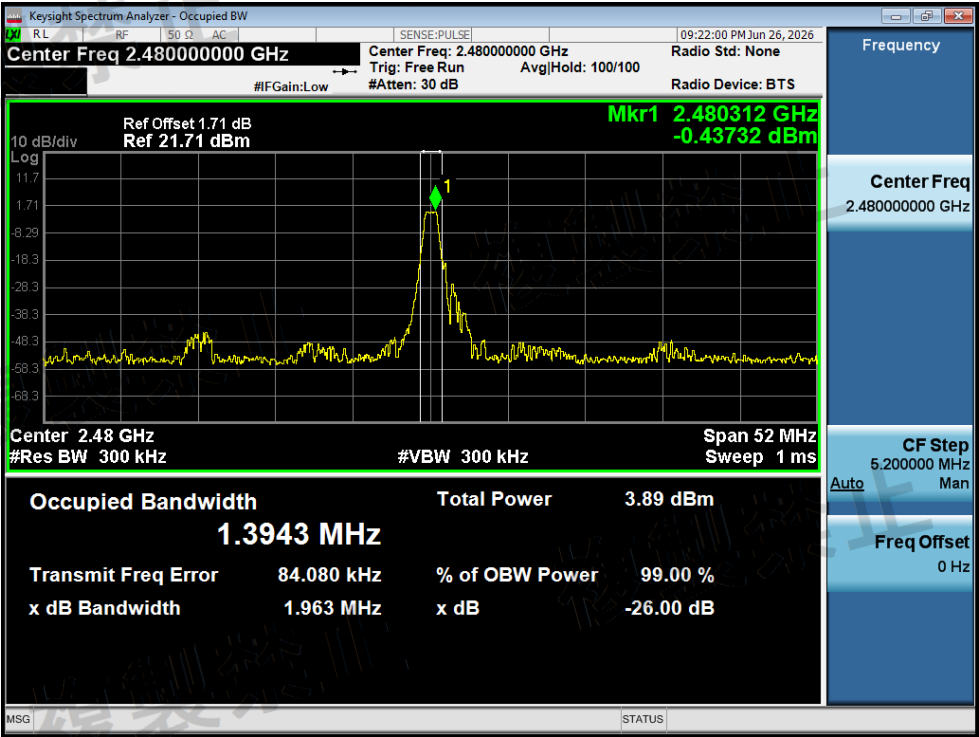
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.357
NVNT	BLE 1M	2442	Ant1	1.364
NVNT	BLE 1M	2480	Ant1	1.394



OBW NVNT BLE 1M 2402MHz Ant1



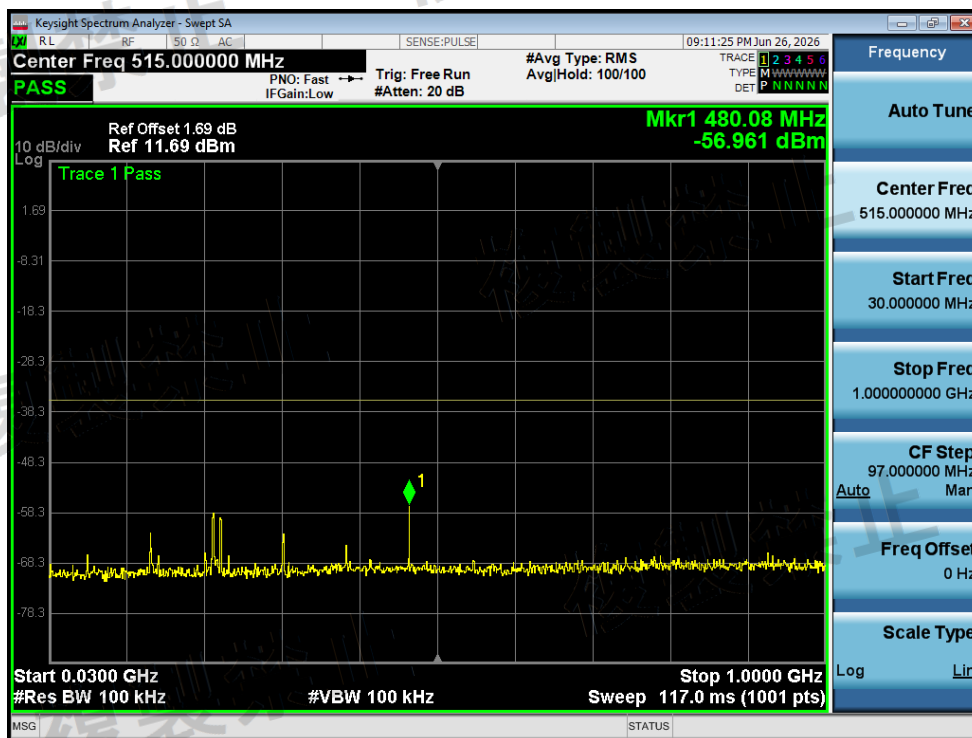
OBW NVNT BLE 1M 2442MHz Ant1



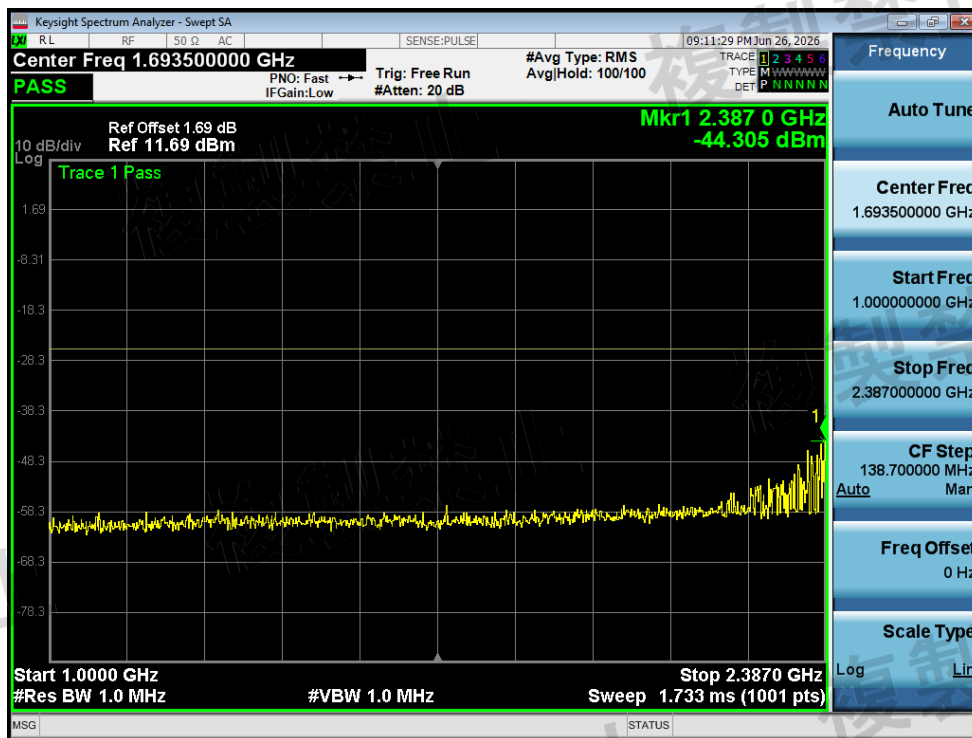
OBW NVNT BLE 1M 2480MHz Ant1

5. Tx Spurious Emission

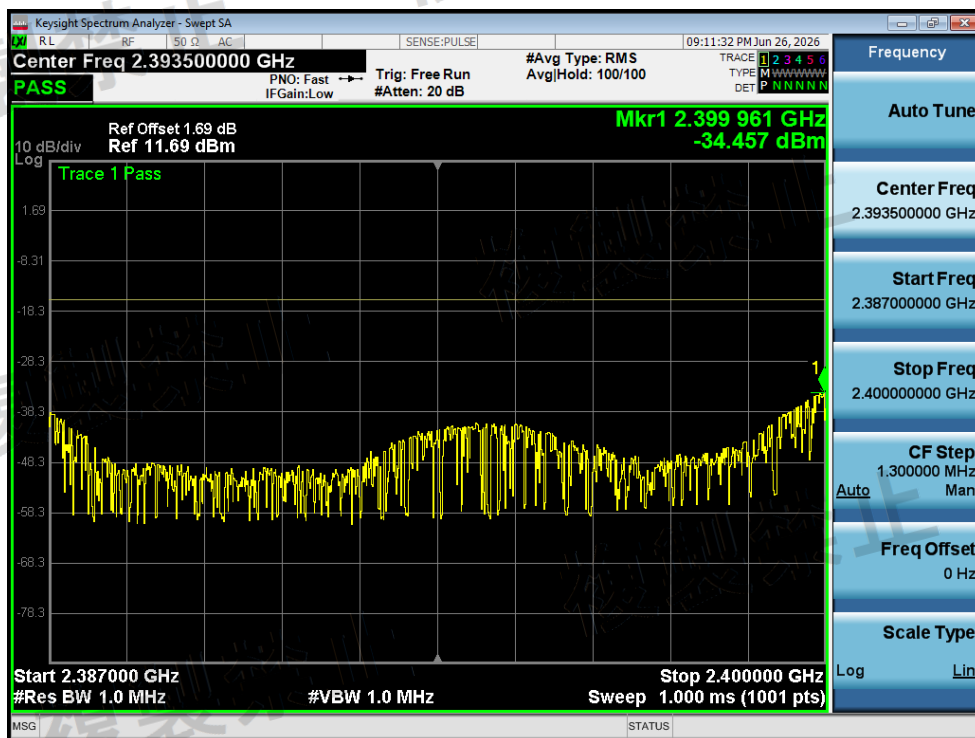
Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Emission Frequency (MHz)	Max Value (dBm)	Max Value (μ W/ MHz)	Limit (μ W/ MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	30-1000	480.08	-46.96	0.020	2.5	Pass
NVNT	BLE 1M	2402	Ant1	1000-2387	2387	-44.31	0.037	2.5	Pass
NVNT	BLE 1M	2402	Ant1	2387-2400	2399.96	-34.46	0.358	25	Pass
NVNT	BLE 1M	2402	Ant1	2483.5-2496.5	2488.75	-50.5	0.009	25	Pass
NVNT	BLE 1M	2402	Ant1	2496.5-13000	7202.07	-36.58	0.220	2.5	Pass
NVNT	BLE 1M	2442	Ant1	30-1000	480.08	-46.61	0.022	2.5	Pass
NVNT	BLE 1M	2442	Ant1	1000-2387	2387	-48.67	0.014	2.5	Pass
NVNT	BLE 1M	2442	Ant1	2387-2400	2394.38	-45.87	0.026	25	Pass
NVNT	BLE 1M	2442	Ant1	2483.5-2496.5	2489.75	-46.29	0.023	25	Pass
NVNT	BLE 1M	2442	Ant1	2496.5-13000	7328.11	-35.92	0.256	2.5	Pass
NVNT	BLE 1M	2480	Ant1	30-1000	480.08	-46.62	0.022	2.5	Pass
NVNT	BLE 1M	2480	Ant1	1000-2387	2359.26	-51.69	0.007	2.5	Pass
NVNT	BLE 1M	2480	Ant1	2387-2400	2392.21	-48.94	0.013	25	Pass
NVNT	BLE 1M	2480	Ant1	2483.5-2496.5	2495.46	-40.43	0.091	25	Pass
NVNT	BLE 1M	2480	Ant1	2496.5-13000	7443.65	-34.46	0.358	2.5	Pass



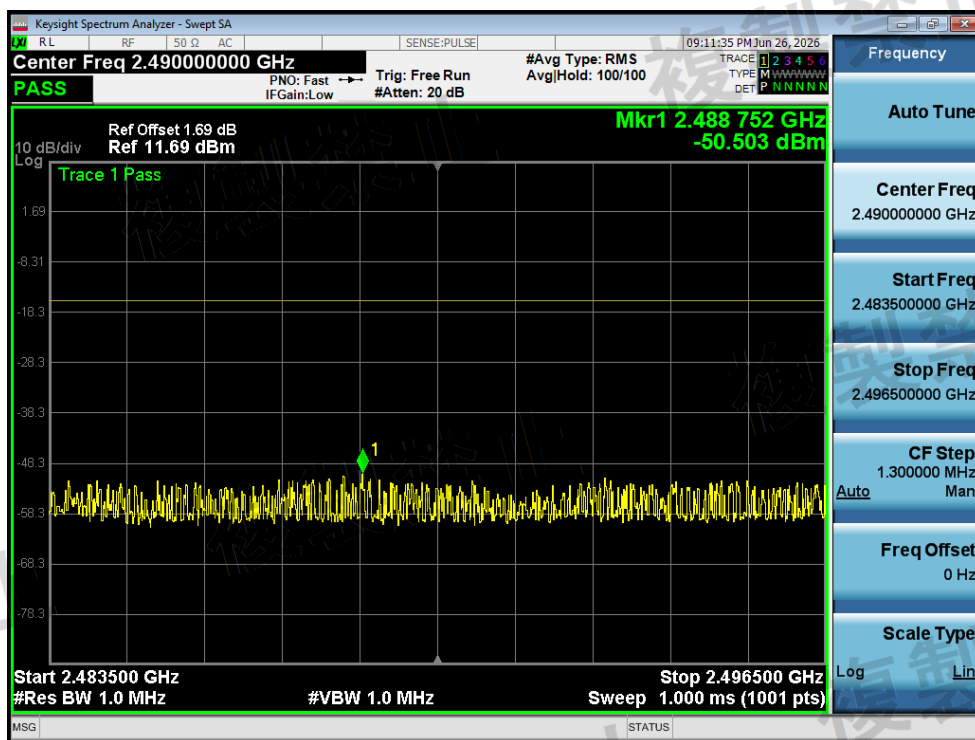
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 30MHz-1000MHz



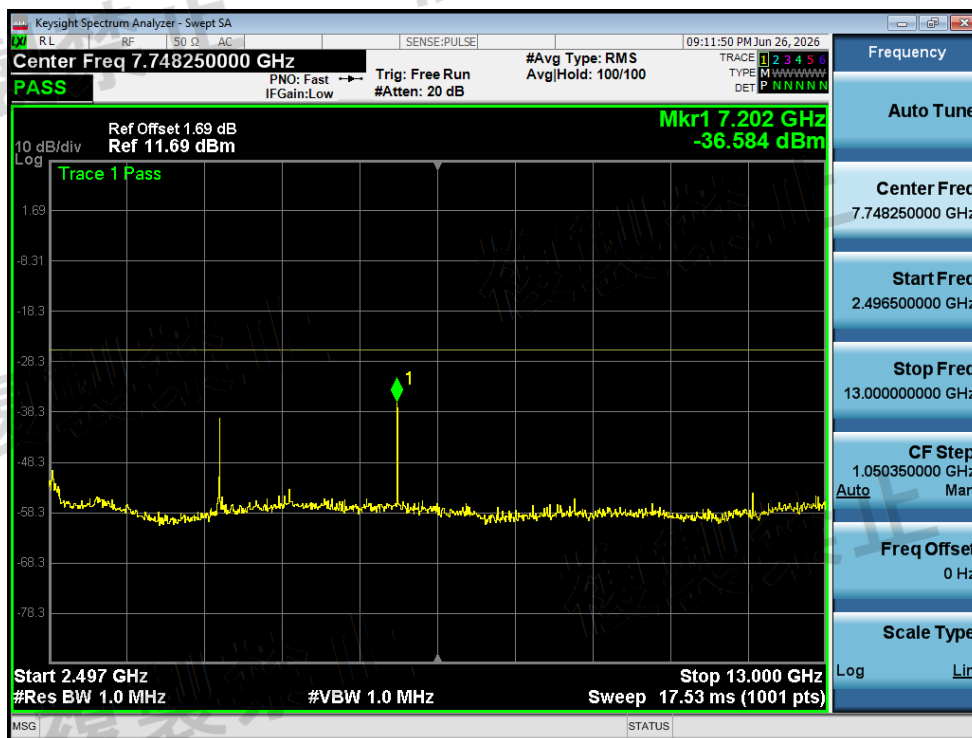
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 1000MHz-2387MHz



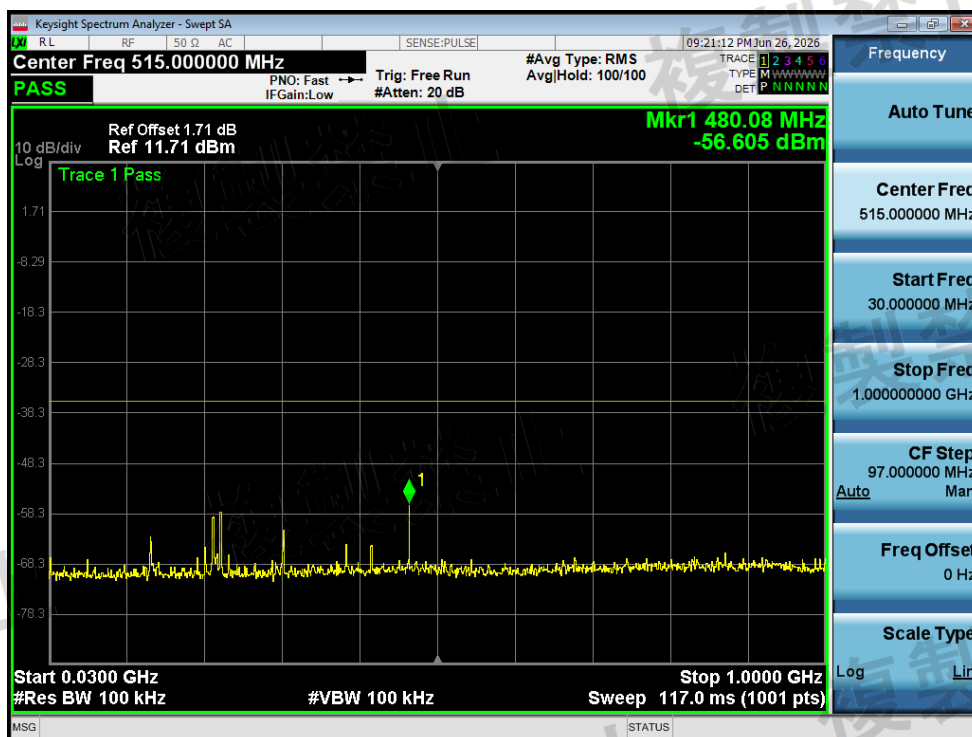
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 2387MHz-2400MHz



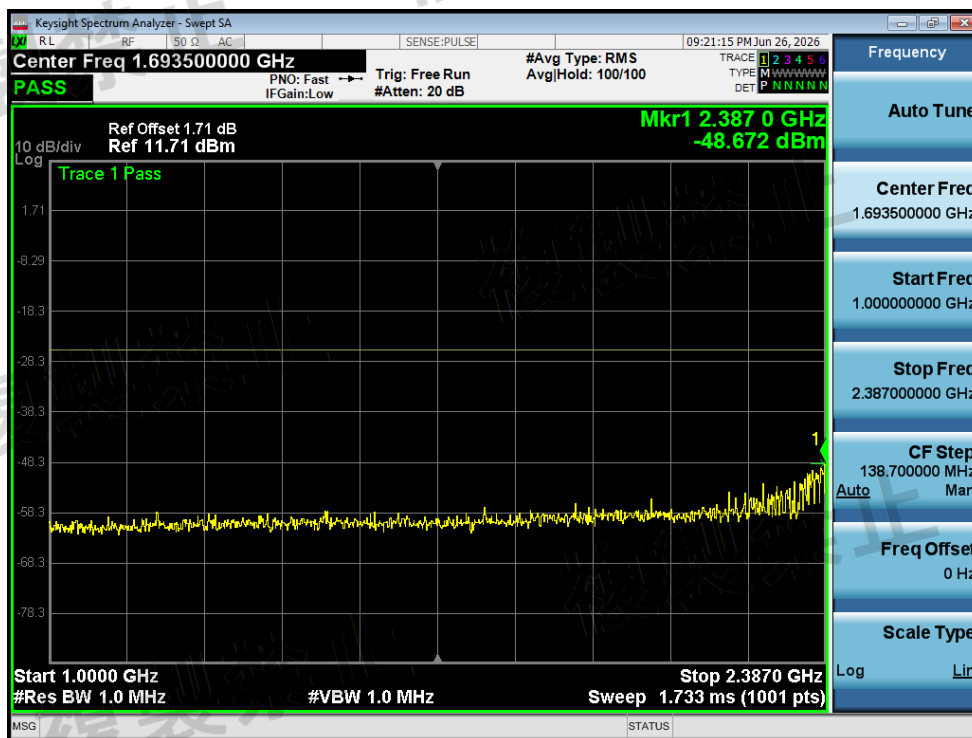
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 2483.5MHz-2496.5MHz



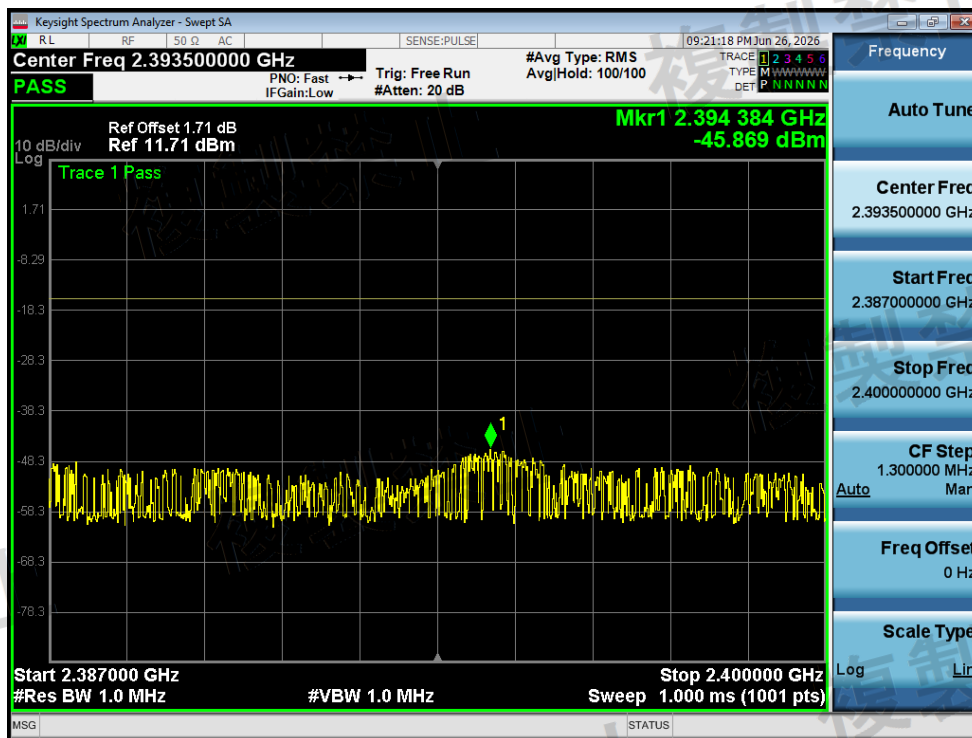
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 2496.5MHz-13000MHz



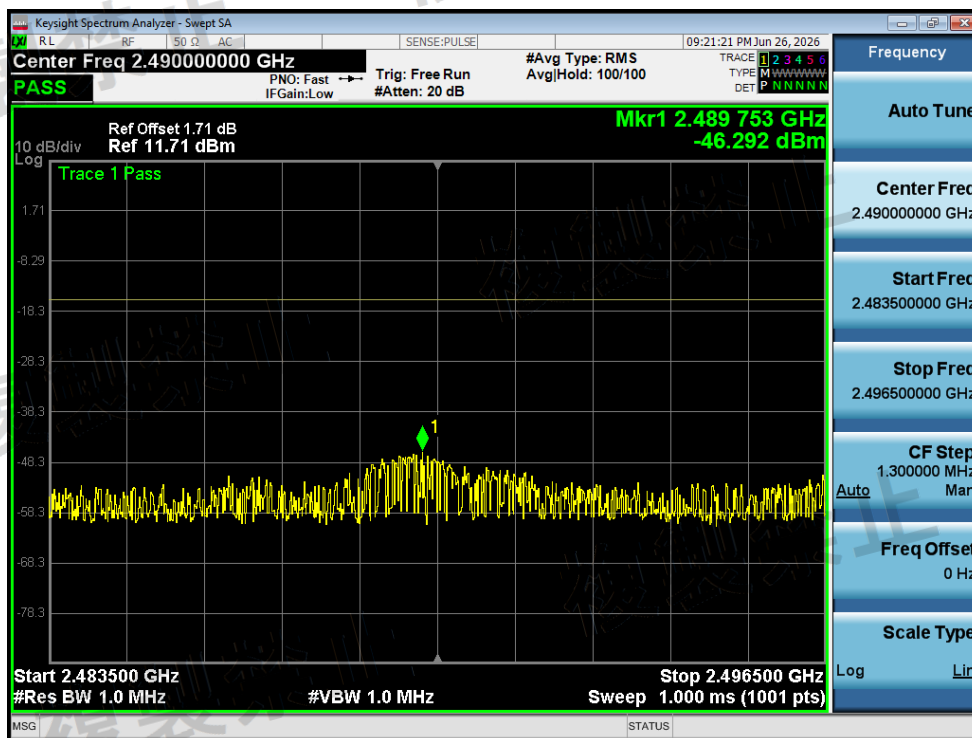
Tx. Spurious NVNT BLE 1M 2442MHz Ant1 @ 30MHz-1000MHz



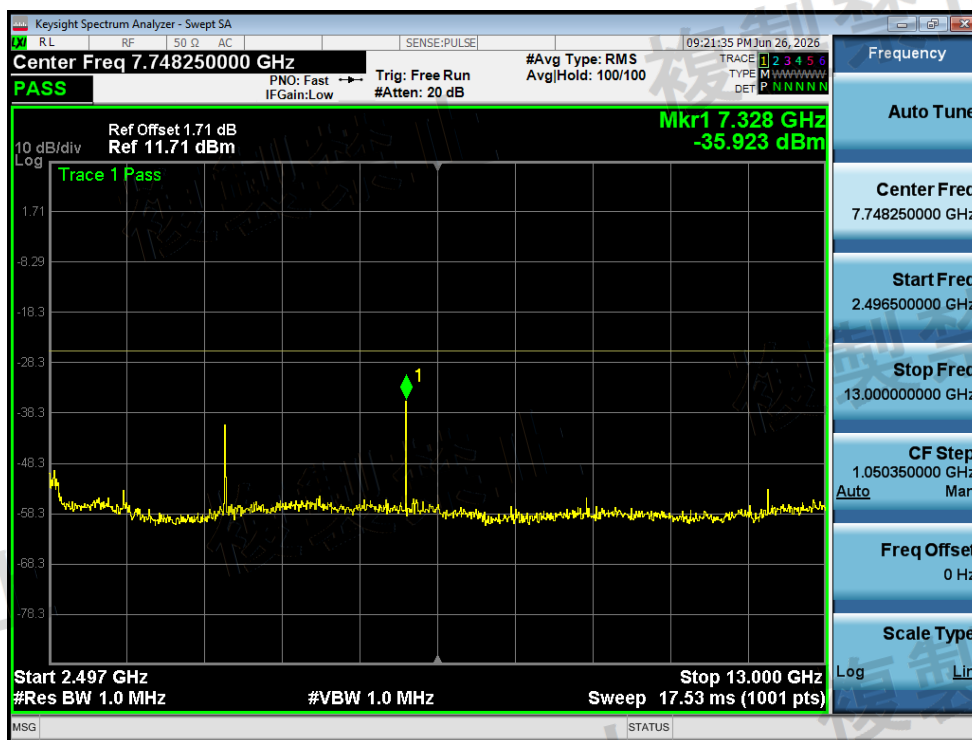
Tx. Spurious NVNT BLE 1M 2442MHz Ant1 @ 1000MHz-2387MHz



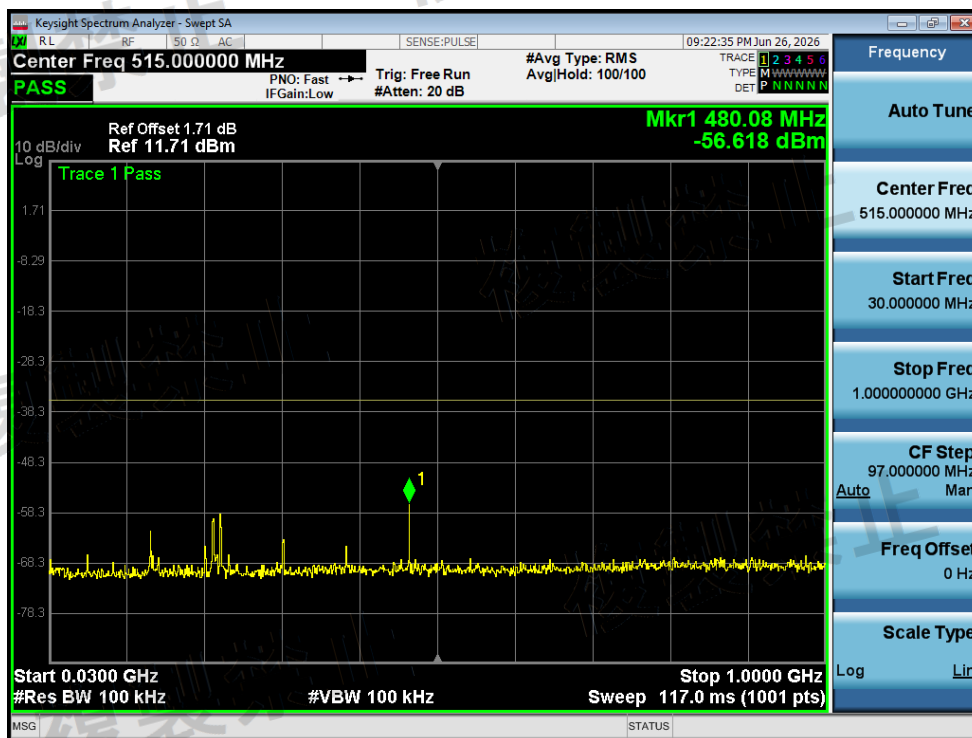
Tx. Spurious NVNT BLE 1M 2442MHz Ant1 @ 2387MHz-2400MHz



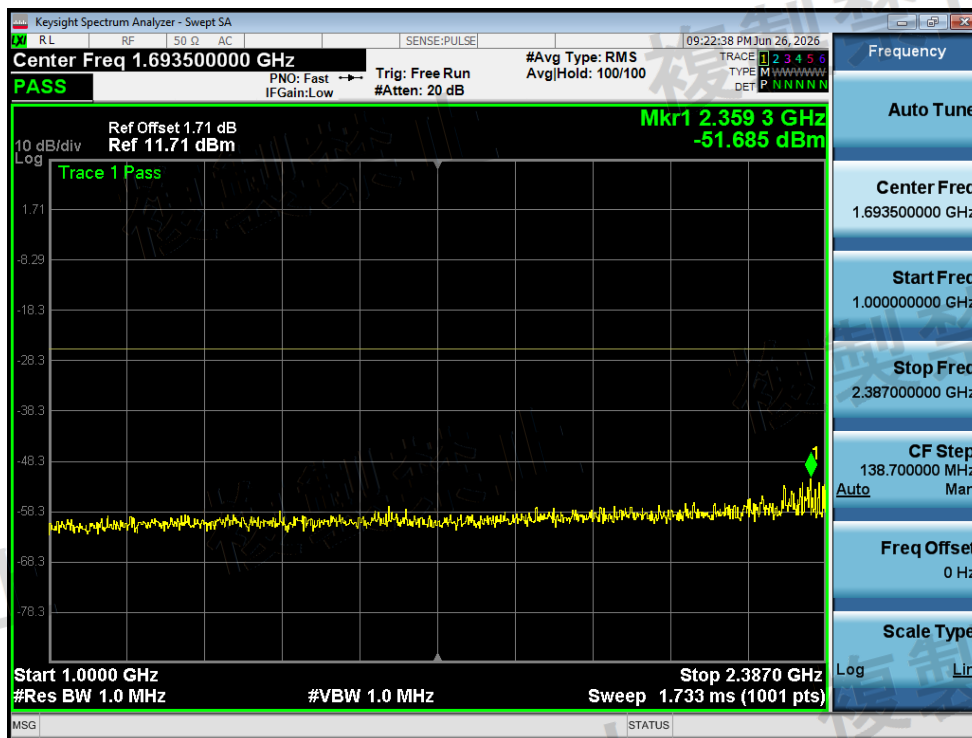
Tx. Spurious NVNT BLE 1M 2442MHz Ant1 @ 2483.5MHz-2496.5MHz



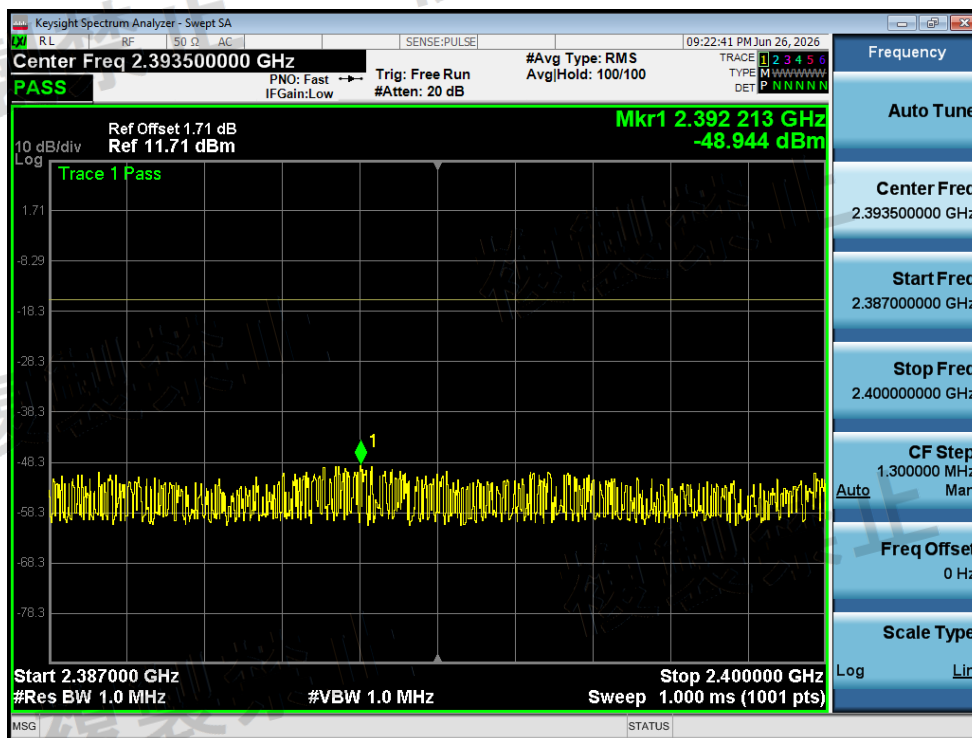
Tx. Spurious NVNT BLE 1M 2442MHz Ant1 @ 2496.5MHz-13000MHz



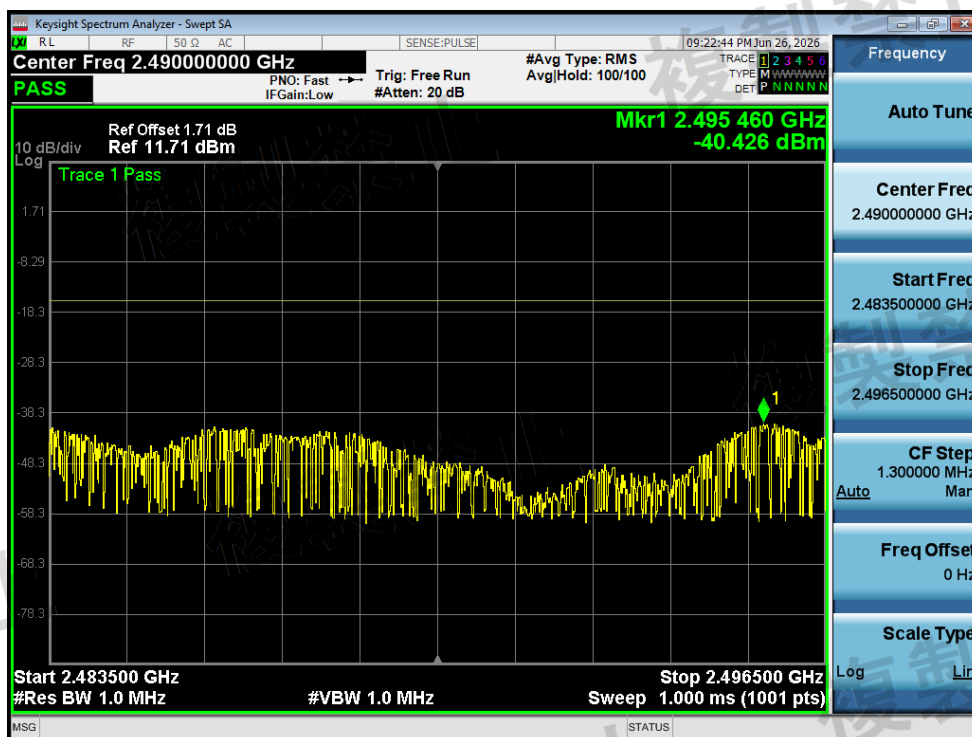
Tx. Spurious NVNT BLE 1M 2480MHz Ant1 @ 30MHz-1000MHz



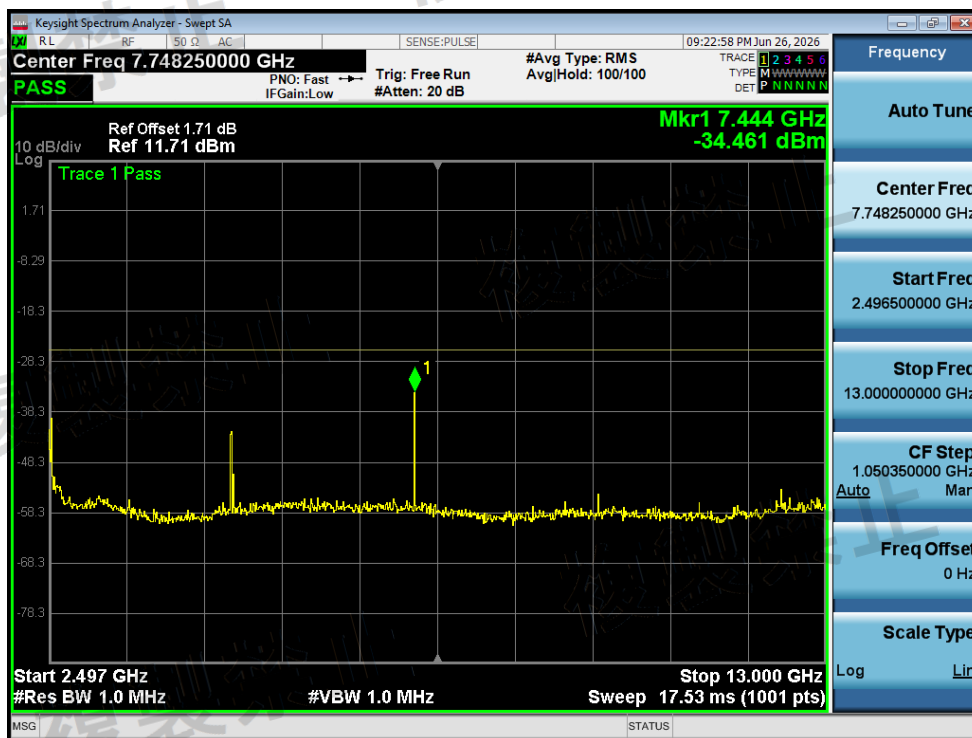
Tx. Spurious NVNT BLE 1M 2480MHz Ant1 @ 1000MHz-2387MHz



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



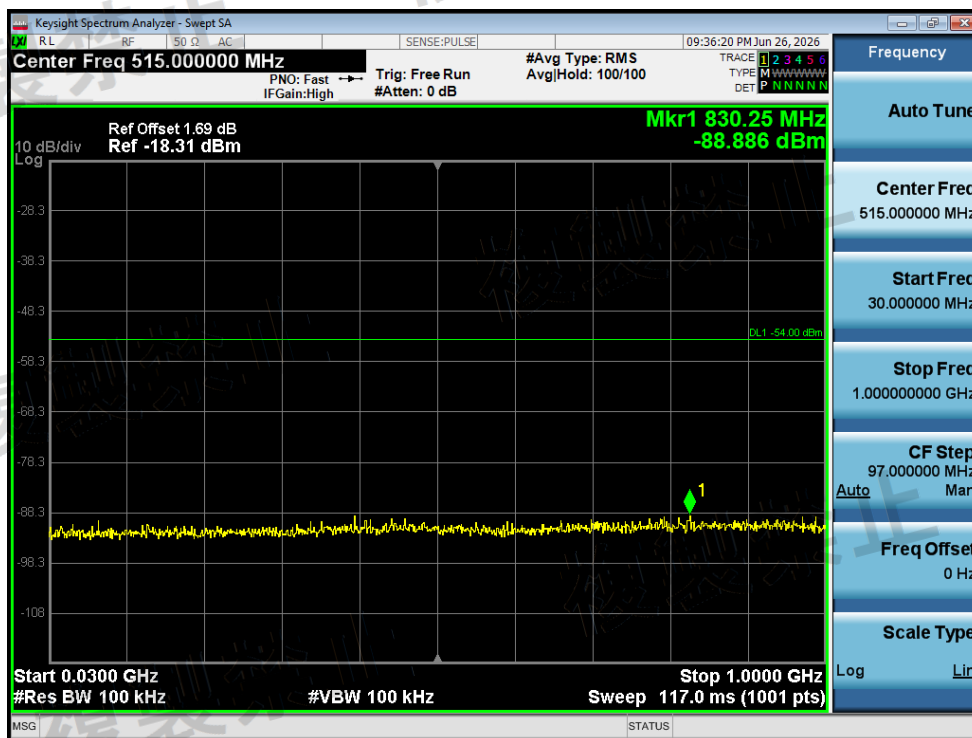
Tx. Spurious NVNT BLE 1M 2480MHz Ant1 @ 2483.5MHz-2496.5MHz



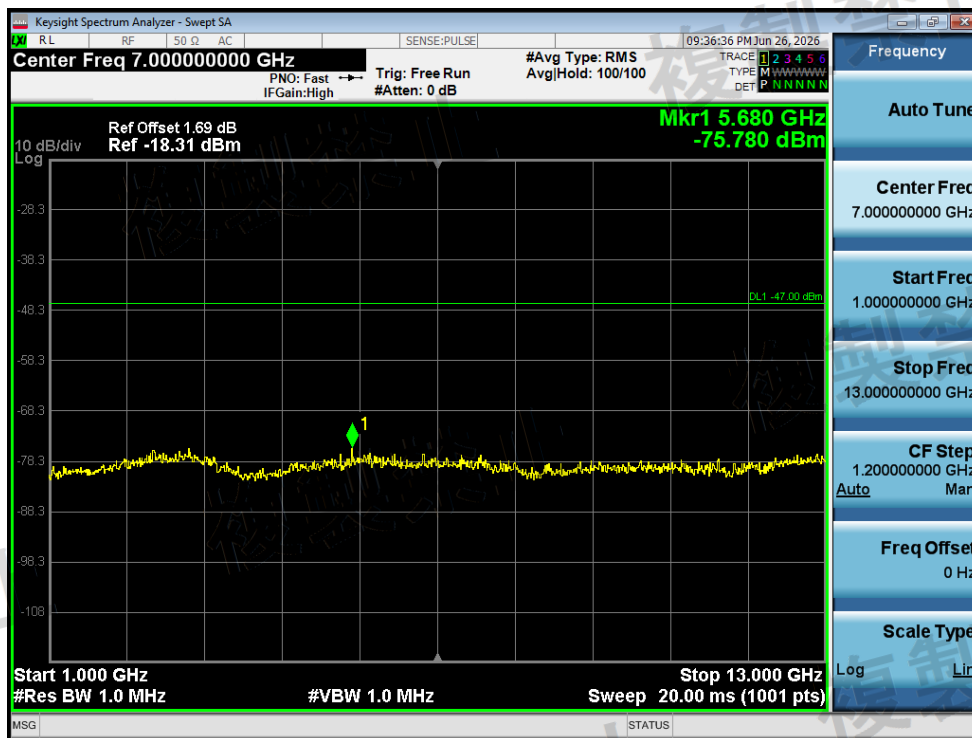
Tx. Spurious NVNT BLE 1M 2480MHz Ant1 @ 2496.5MHz-13000MHz

6. Rx Spurious Emission

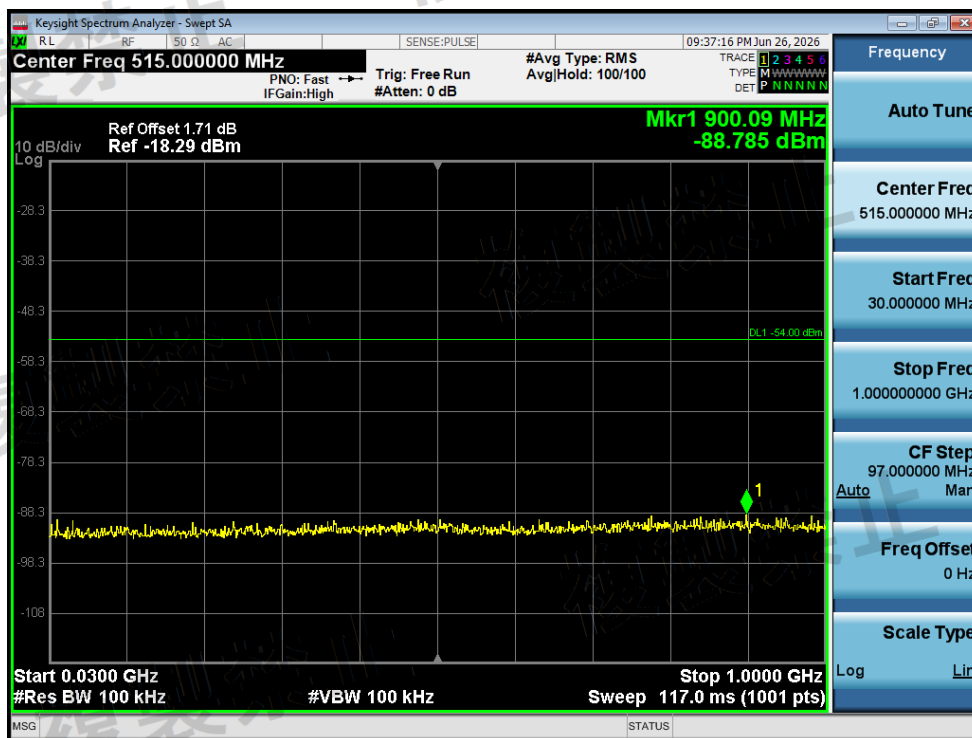
Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Emission Frequency (MHz)	Max Value (dBm)	Max Value (nW)	Limit (nW)	Verdict
NVNT	BLE 1M	2402	Ant1	30-1000	830.25	-88.89	0.001	4	Pass
NVNT	BLE 1M	2402	Ant1	1000-13000	5680	-75.78	0.03	20	Pass
NVNT	BLE 1M	2442	Ant1	30-1000	900.09	-88.79	0.001	4	Pass
NVNT	BLE 1M	2442	Ant1	1000-13000	5752	-72.43	0.06	20	Pass
NVNT	BLE 1M	2480	Ant1	30-1000	973.81	-89.13	0.001	4	Pass
NVNT	BLE 1M	2480	Ant1	1000-13000	2764	-75.73	0.03	20	Pass



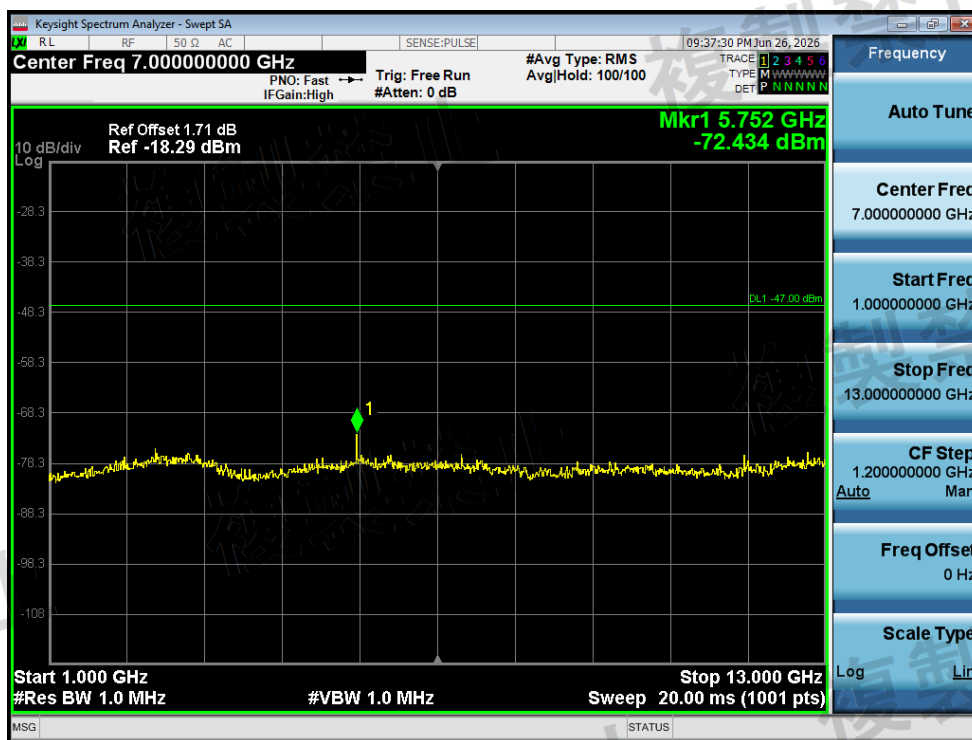
Rx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 30MHz-1000MHz



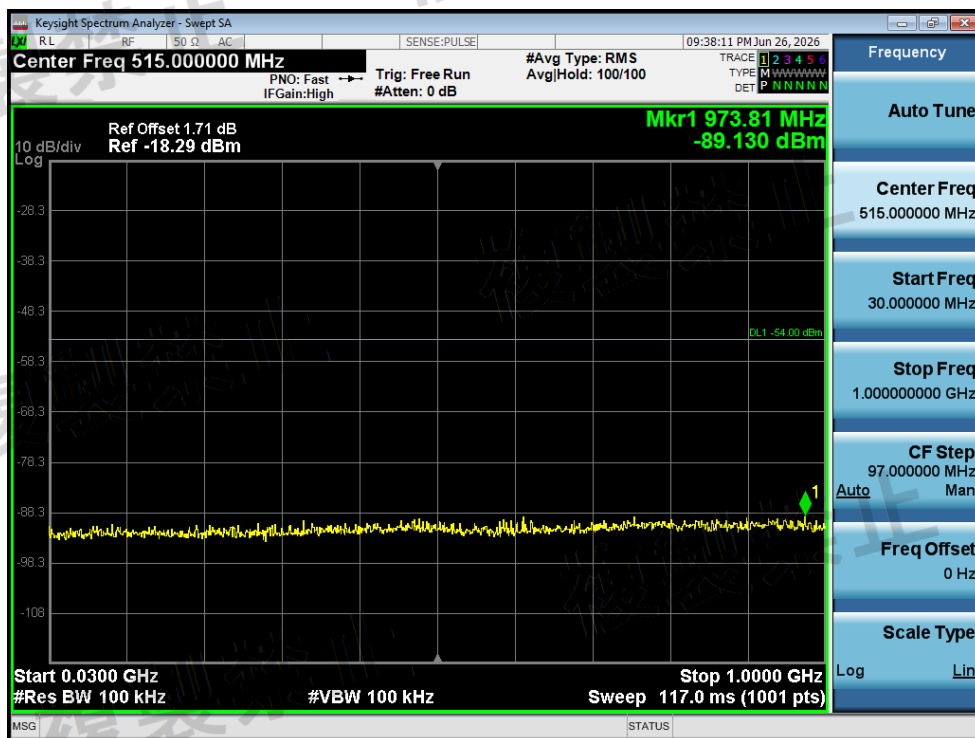
Rx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 1000MHz-13000MHz



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