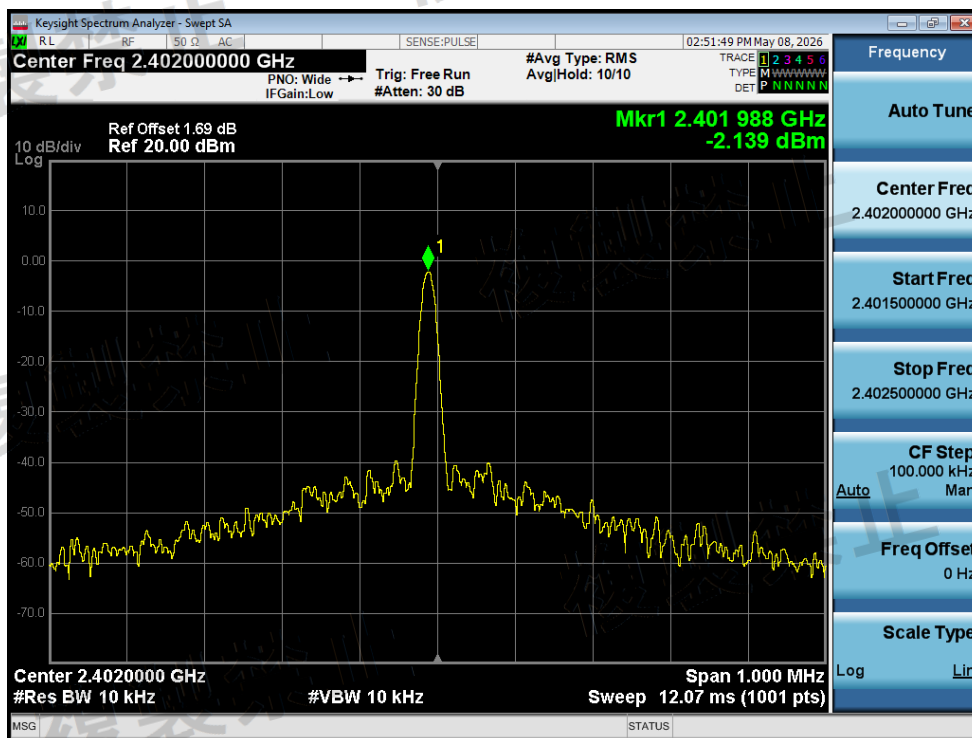
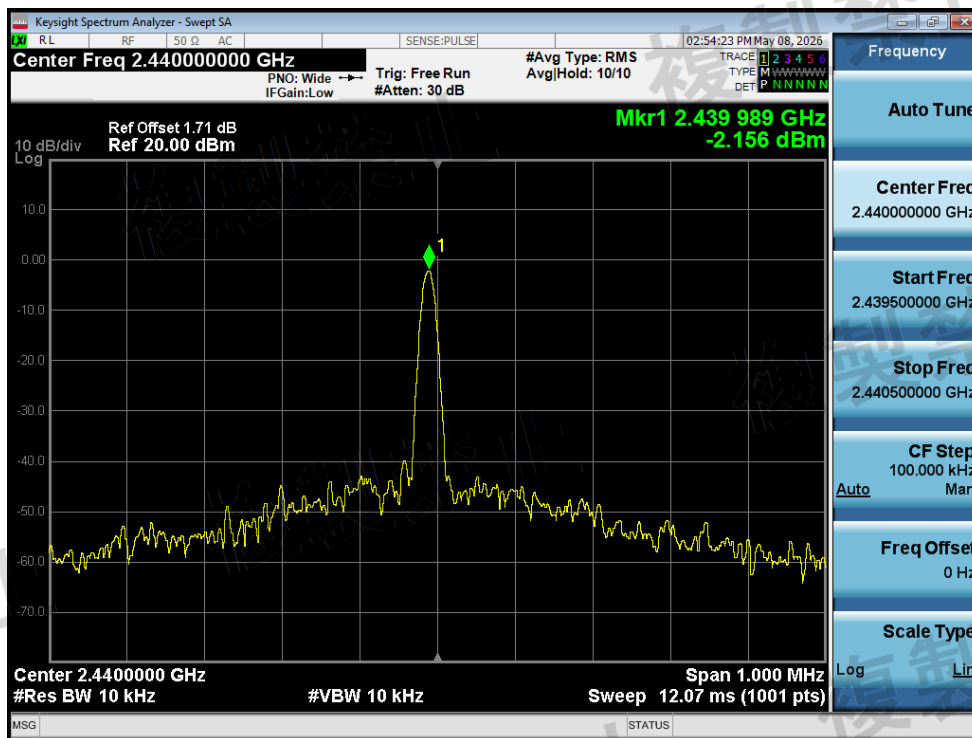


1. Frequency Error

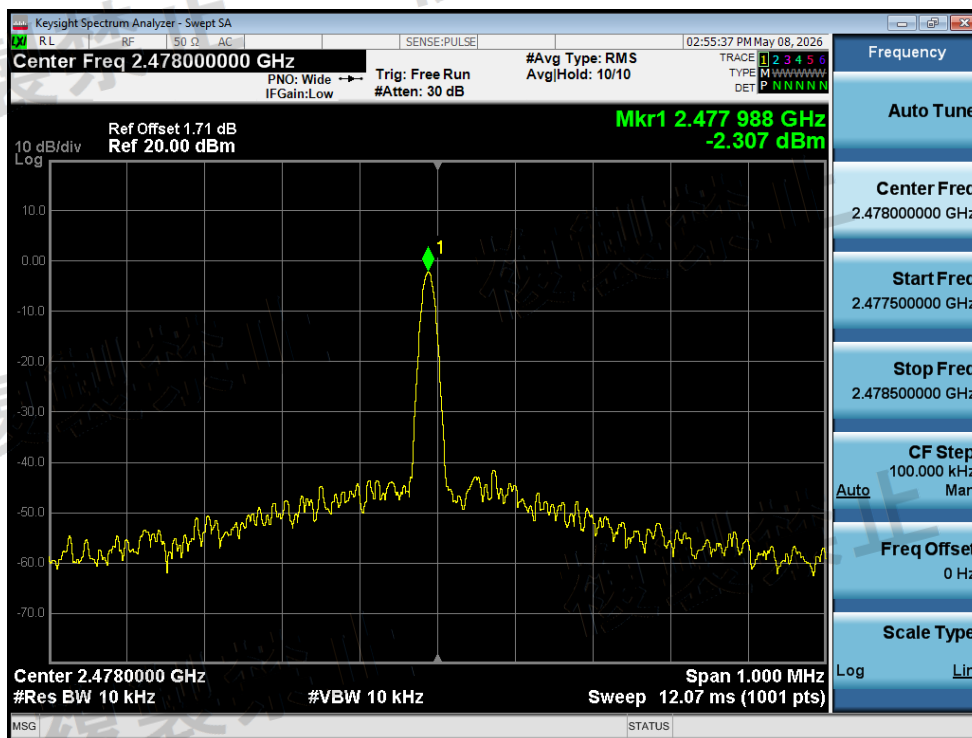
Condition	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	2402	Ant1	2401.988	-12000	-5	±50	Pass
NVNT	2440	Ant1	2439.989	-11000	-4.51	±50	Pass
NVNT	2478	Ant1	2477.988	-12000	-4.84	±50	Pass



Freq. Error NVNT 2402MHz Ant1



Freq. Error NVNT 2440MHz Ant1



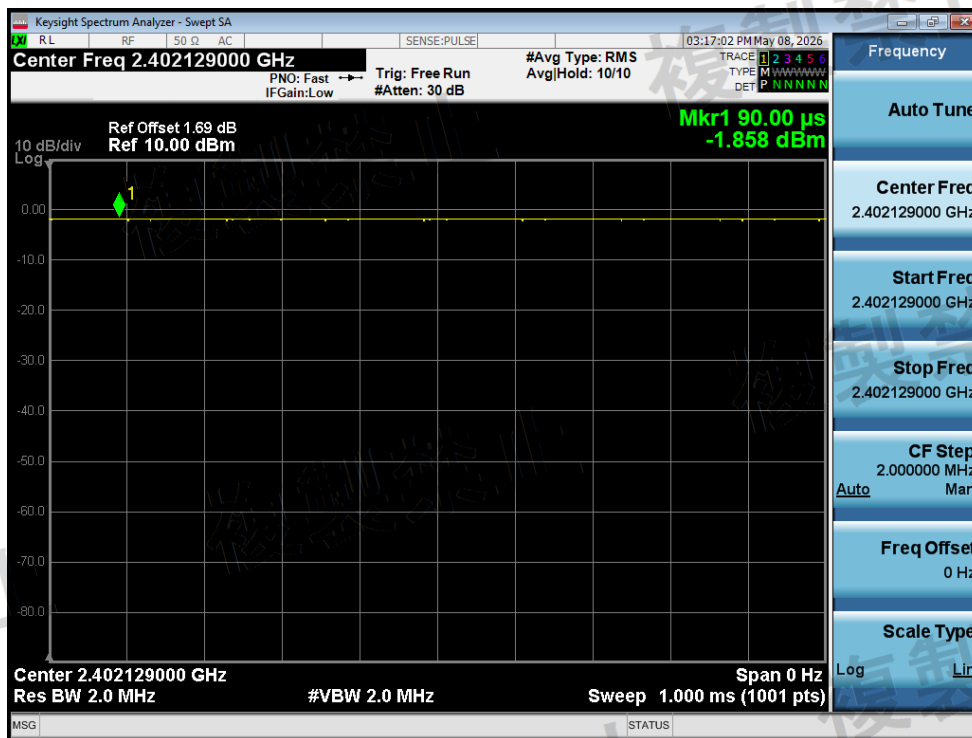
Freq. Error NVNT 2478MHz Ant1

2. Antenna and EIRP Power

Condition	Frequency (MHz)	Antenna	Power (dBm)	Antenna Power (mW)	Limit (mW)	Declared Power (mW)	Tolerance (%)	Upper Limit (%)	Verdict
NVNT	2402	Ant1	-1.86	0.65	10	1	-35	20	Pass
NVNT	2440	Ant1	-1.89	0.65	10	1	-35	20	Pass
NVNT	2478	Ant1	-2.02	0.63	10	1	-37	20	Pass



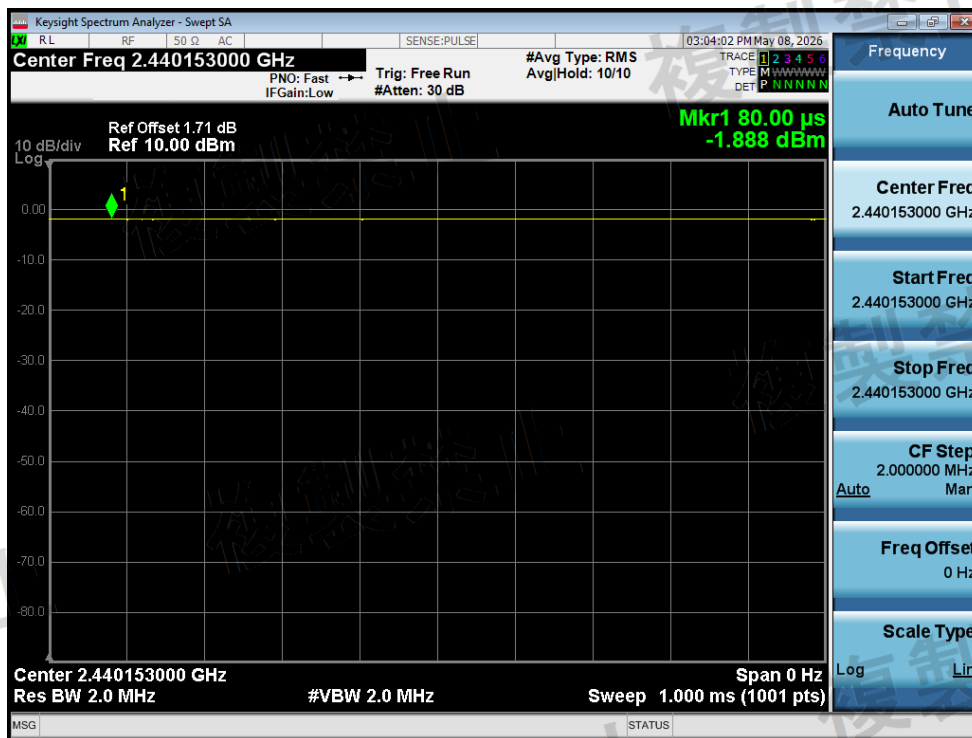
Power NVNT 2402MHz Ant1 Pre Scan



Power NVNT 2402MHz Ant1 Zero Span



Power NVNT 2440MHz Ant1 Pre Scan



Power NVNT 2440MHz Ant1 Zero Span



Power NVNT 2478MHz Ant1 Pre Scan



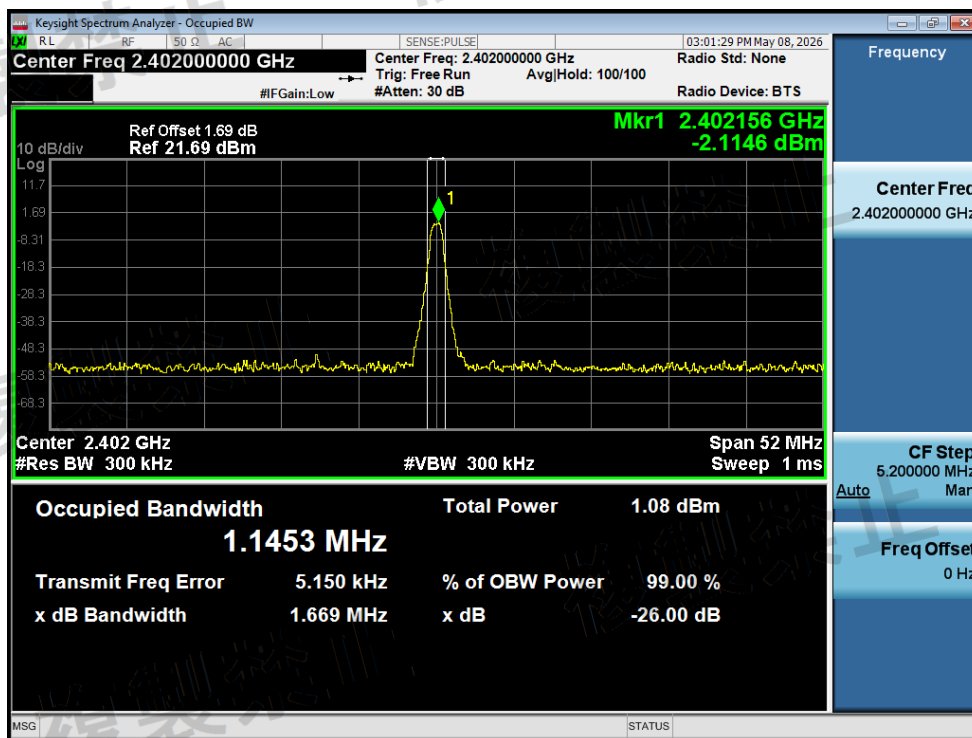
Power NVNT 2478MHz Ant1 Zero Span

3. EIRP Power

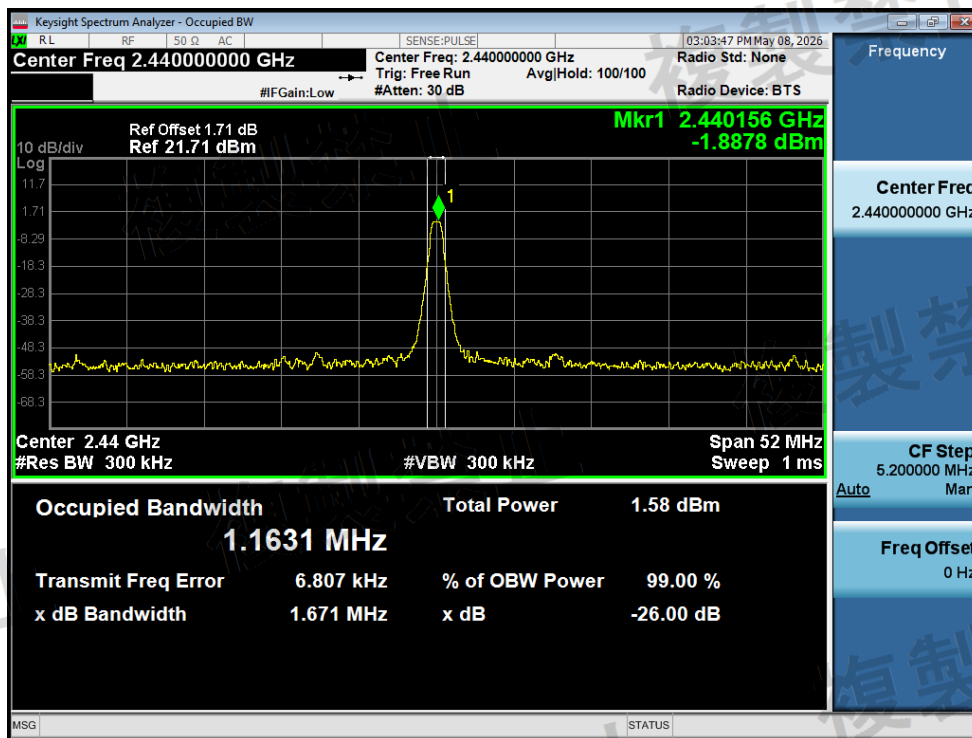
Condition	Frequency (MHz)	Antenna	Antenna Power (dBm)	Gain (dBi)	EIRP Power (dBm)	Limit (dBm)	Verdict
NVNT	2402	Ant1	-1.86	0.4	-1.46	12.14	Pass
NVNT	2440	Ant1	-1.89	0.4	-1.49	12.14	Pass
NVNT	2478	Ant1	-2.02	0.4	-1.62	12.14	Pass

4. Occupied Channel Bandwidth

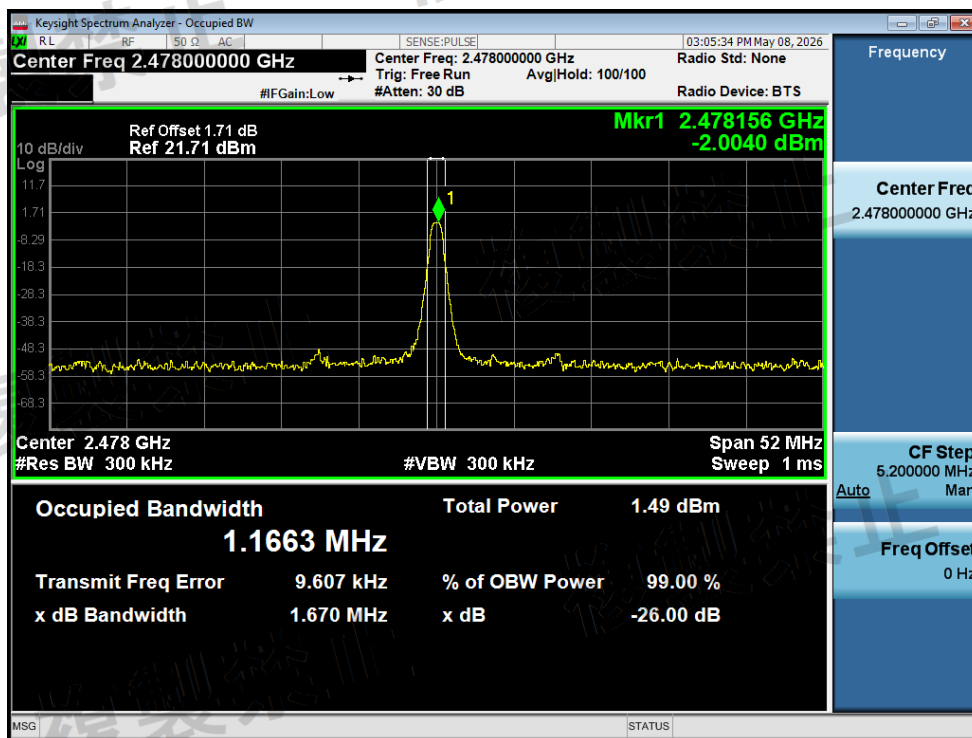
Condition	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	2402	Ant1	1.1453
NVNT	2440	Ant1	1.1631
NVNT	2478	Ant1	1.1663



OBW NVNT GFSK 2402MHz Ant1



OBW NVNT GFSK 2440MHz Ant1

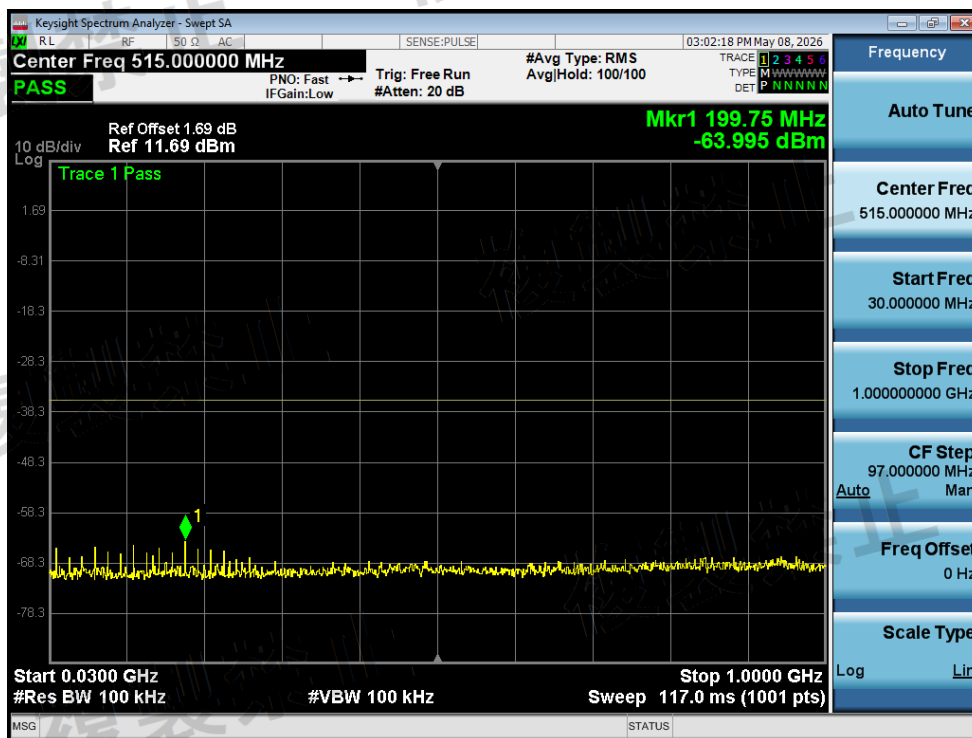


OBW NVNT GFSK 2478MHz Ant1

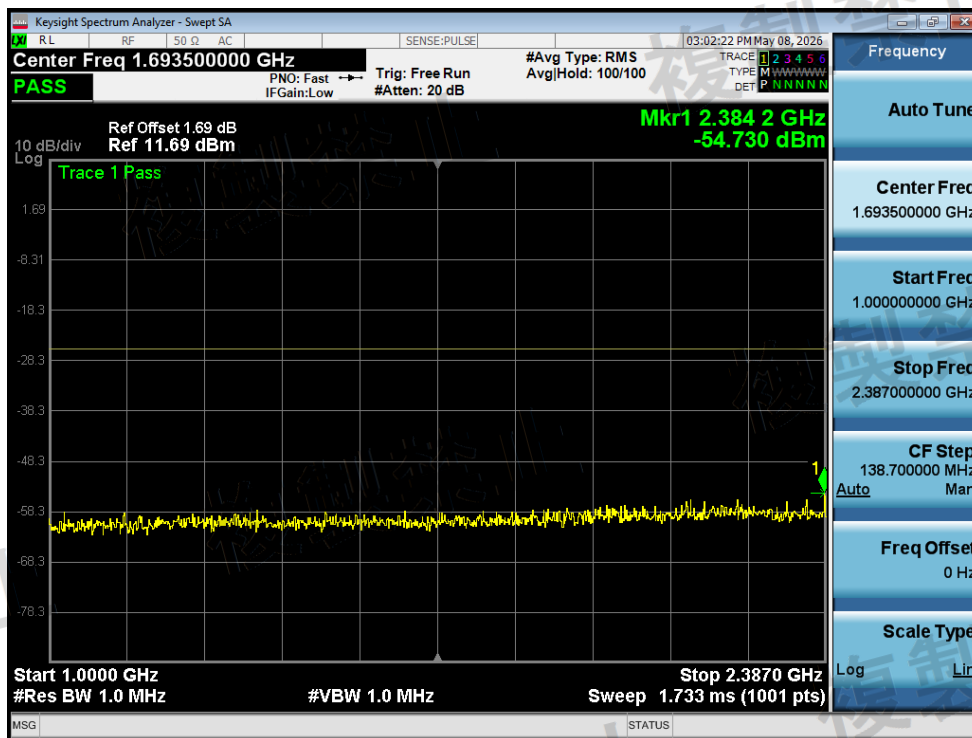
5. Tx Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Emission Frequency (MHz)	Max Value (dBm)	Max Value (μ W/ MHz)	Limit (μ W/ MHz)	Verdict
NVNT	GFSK	2402	Ant1	30-1000	199.75	-54	0.004	2.5	Pass
NVNT	GFSK	2402	Ant1	1000-2387	2384.23	-54.73	0.003	2.5	Pass
NVNT	GFSK	2402	Ant1	2387-2400	2399.75	-30.35	0.923	25	Pass
NVNT	GFSK	2402	Ant1	2483.5-2496.5	2486.22	-56.01	0.003	25	Pass
NVNT	GFSK	2402	Ant1	2496.5-13000	9607.37	-51.44	0.007	2.5	Pass
NVNT	GFSK	2440	Ant1	30-1000	184.23	-53.62	0.004	2.5	Pass
NVNT	GFSK	2440	Ant1	1000-2387	2208.08	-53.86	0.004	2.5	Pass
NVNT	GFSK	2440	Ant1	2387-2400	2388.83	-55.45	0.003	25	Pass
NVNT	GFSK	2440	Ant1	2483.5-2496.5	2496.46	-55.24	0.003	25	Pass
NVNT	GFSK	2440	Ant1	2496.5-13000	2685.56	-53.82	0.004	2.5	Pass
NVNT	GFSK	2478	Ant1	30-1000	167.74	-53.02	0.005	2.5	Pass
NVNT	GFSK	2478	Ant1	1000-2387	2277.43	-53.91	0.004	2.5	Pass
NVNT	GFSK	2478	Ant1	2387-2400	2390.04	-55.07	0.003	25	Pass
NVNT	GFSK	2478	Ant1	2483.5-2496.5	2486.32	-48.85	0.013	25	Pass
NVNT	GFSK	2478	Ant1	2496.5-13000	2664.56	-52.55	0.006	2.5	Pass

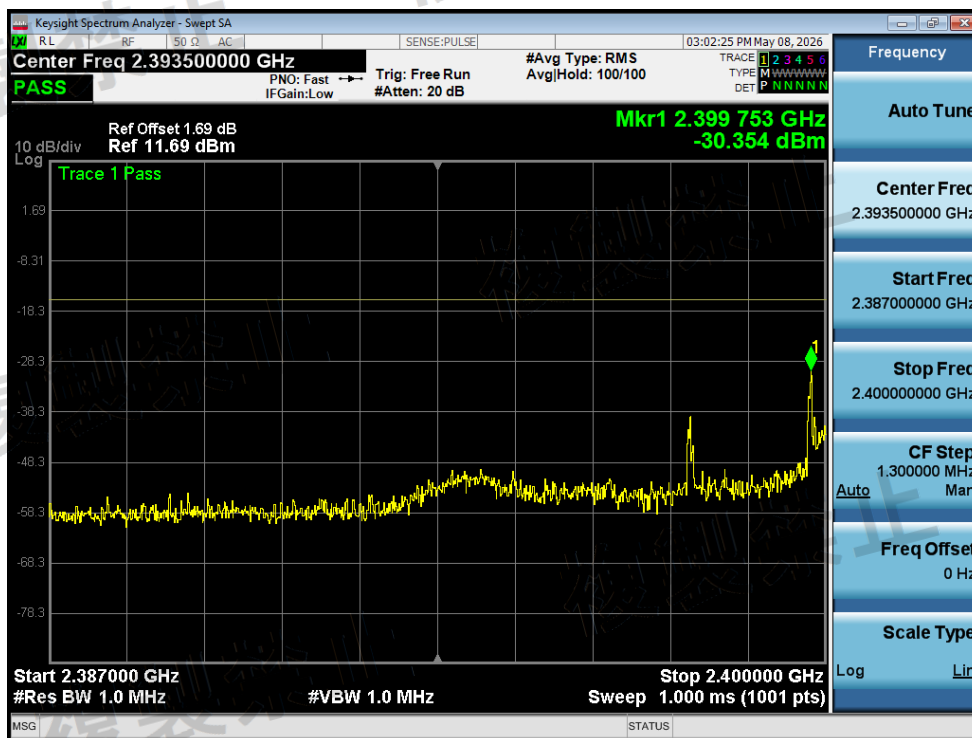
Note: For 30-1000MHz test data, the RBW of the spectrum analyzer is 100kHz, the data measured with RBW=100kHz needs to add 10dB to get the calculated data of RBW=1Mhz.



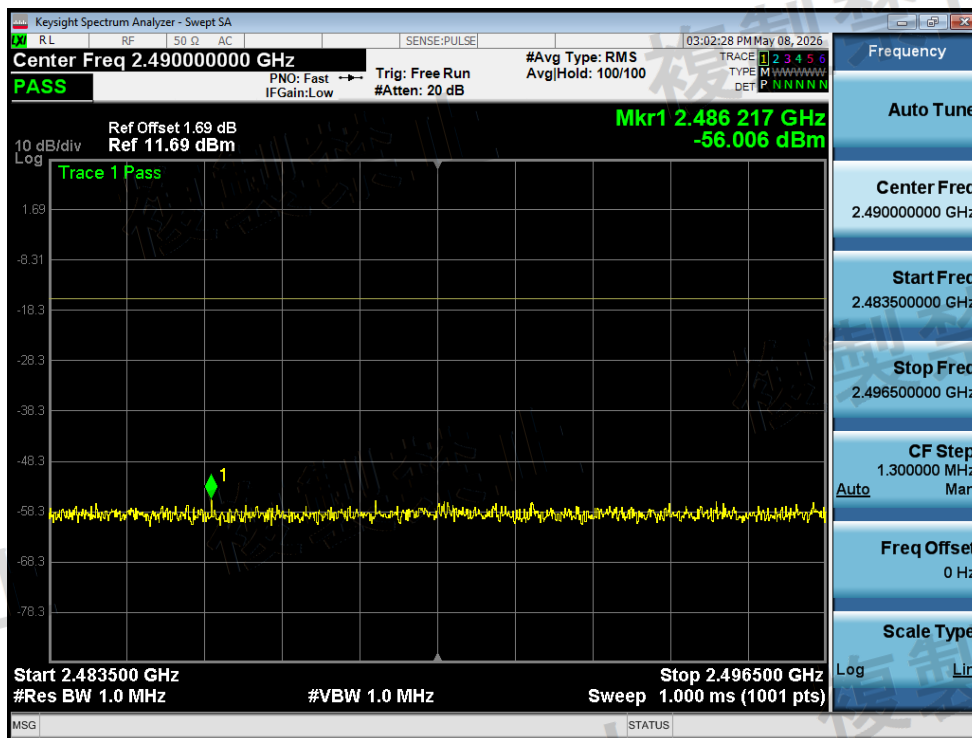
Tx. Spurious NVNT GFSK 2402MHz Ant1 @ 30MHz-1000MHz



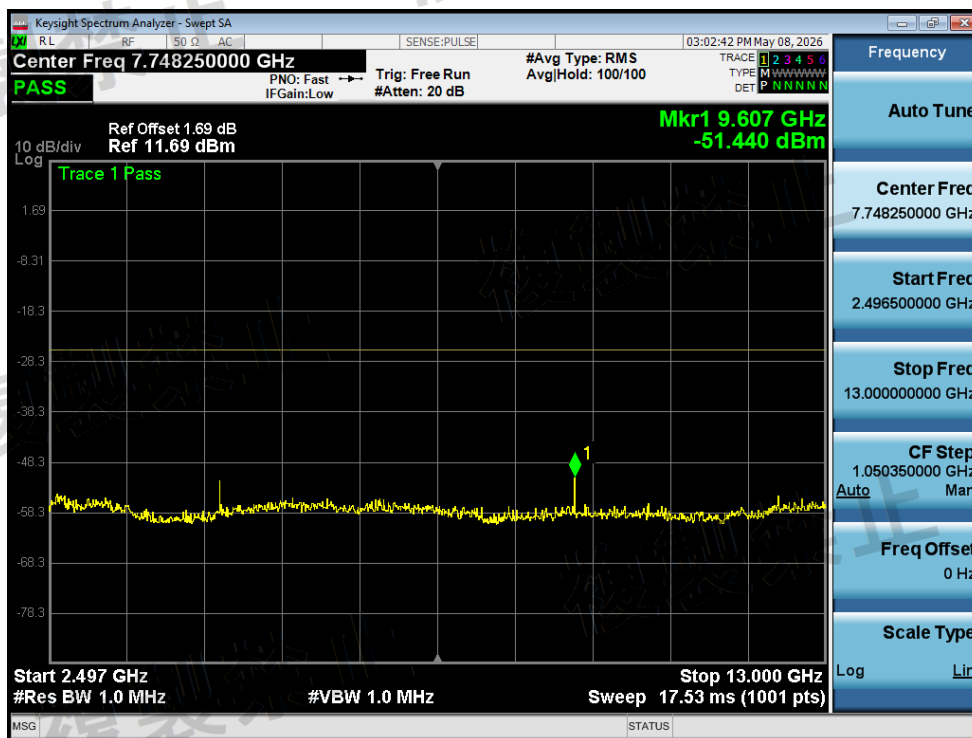
Tx. Spurious NVNT GFSK 2402MHz Ant1 @ 1000MHz-2387MHz



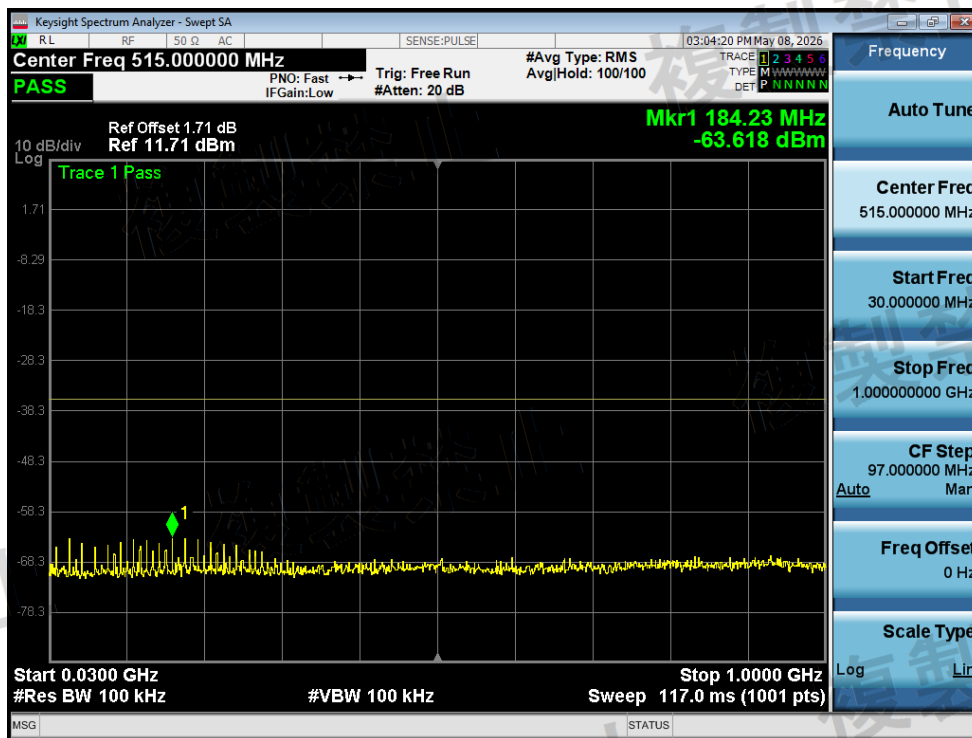
Tx. Spurious NVNT GFSK 2402MHz Ant1 @ 2387MHz-2400MHz



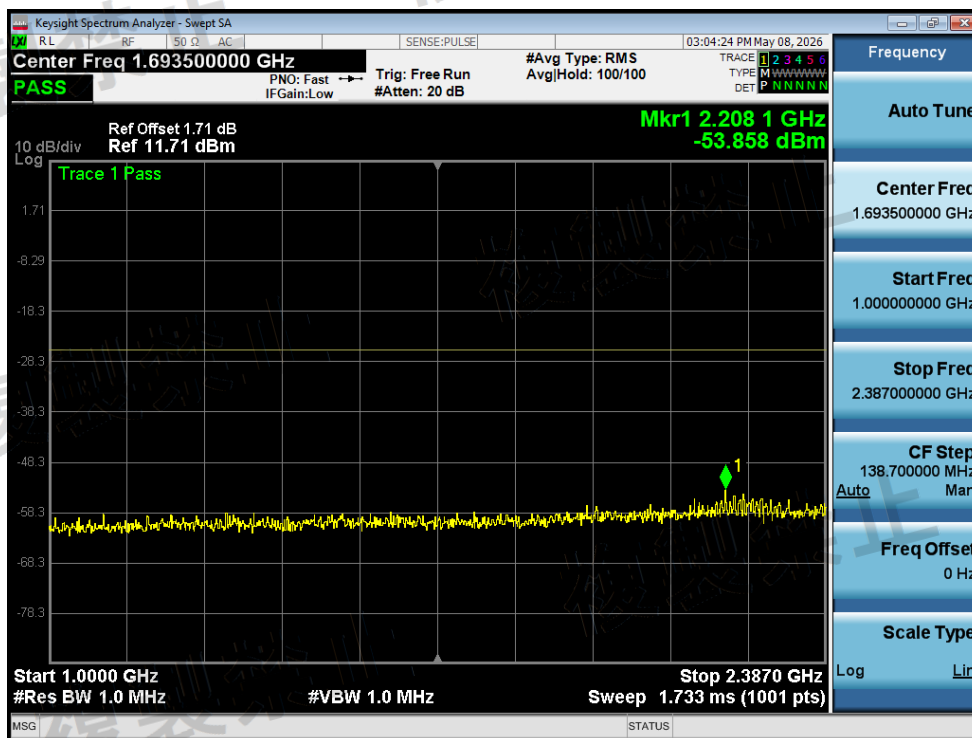
Tx. Spurious NVNT GFSK 2402MHz Ant1 @ 2483.5MHz-2496.5MHz



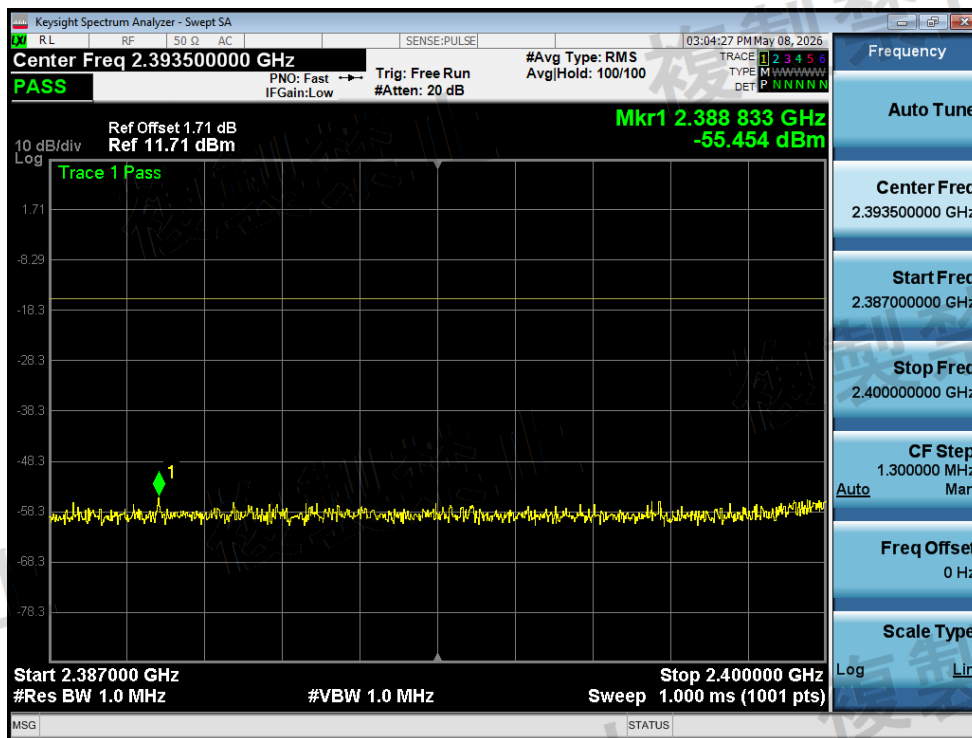
Tx. Spurious NVNT GFSK 2402MHz Ant1 @ 2496.5MHz-13000MHz



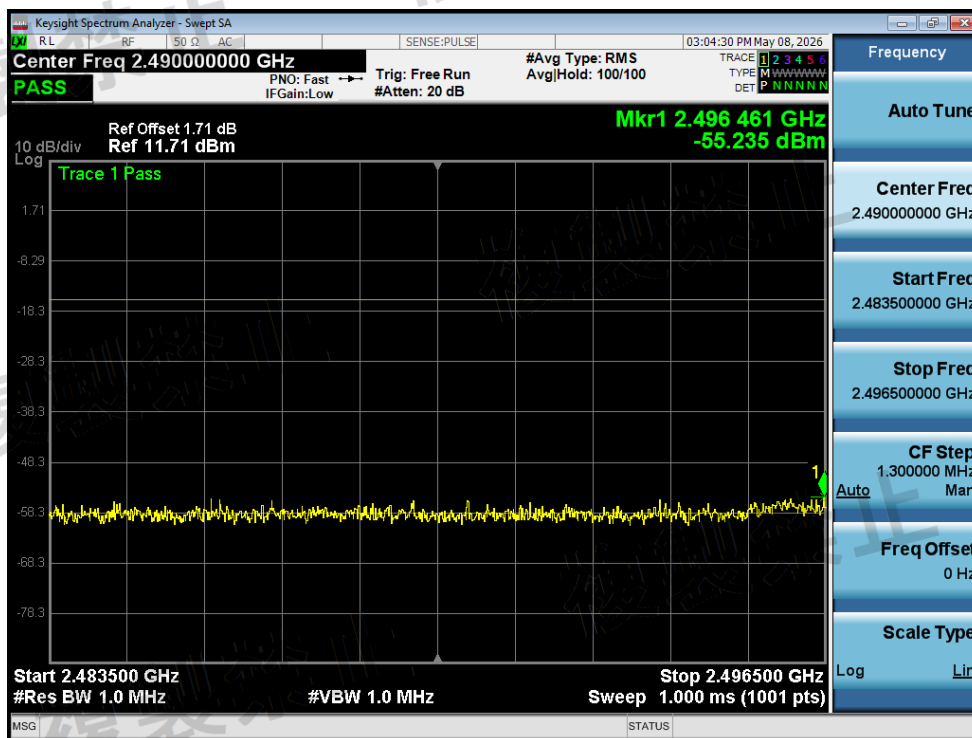
Tx. Spurious NVNT GFSK 2440MHz Ant1 @ 30MHz-1000MHz



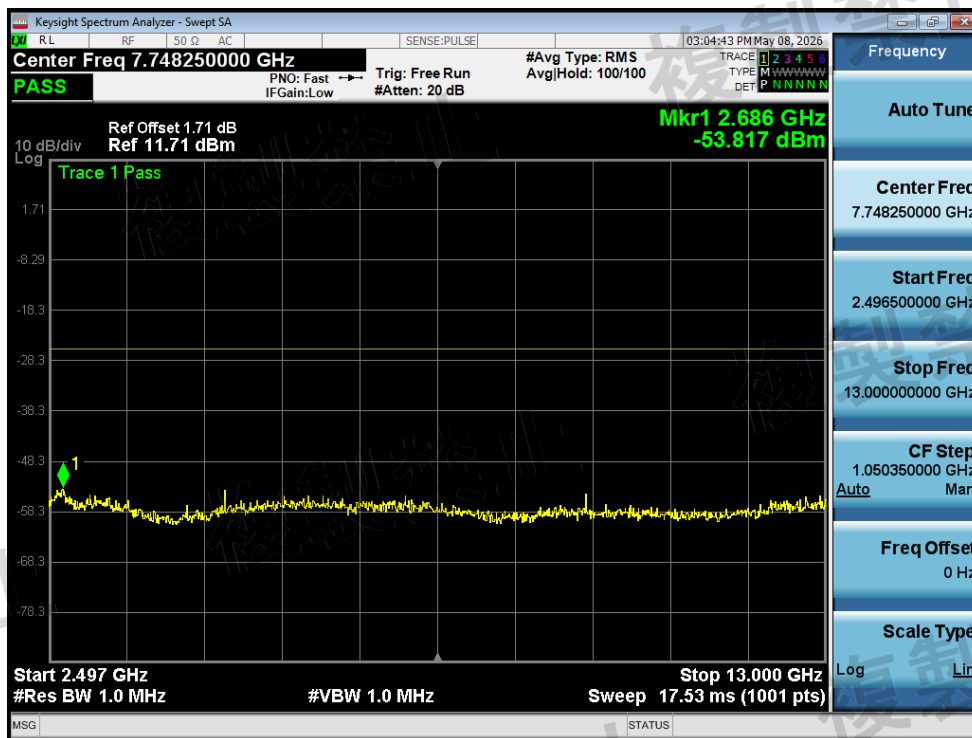
Tx. Spurious NVNT GFSK 2440MHz Ant1 @ 1000MHz-2387MHz



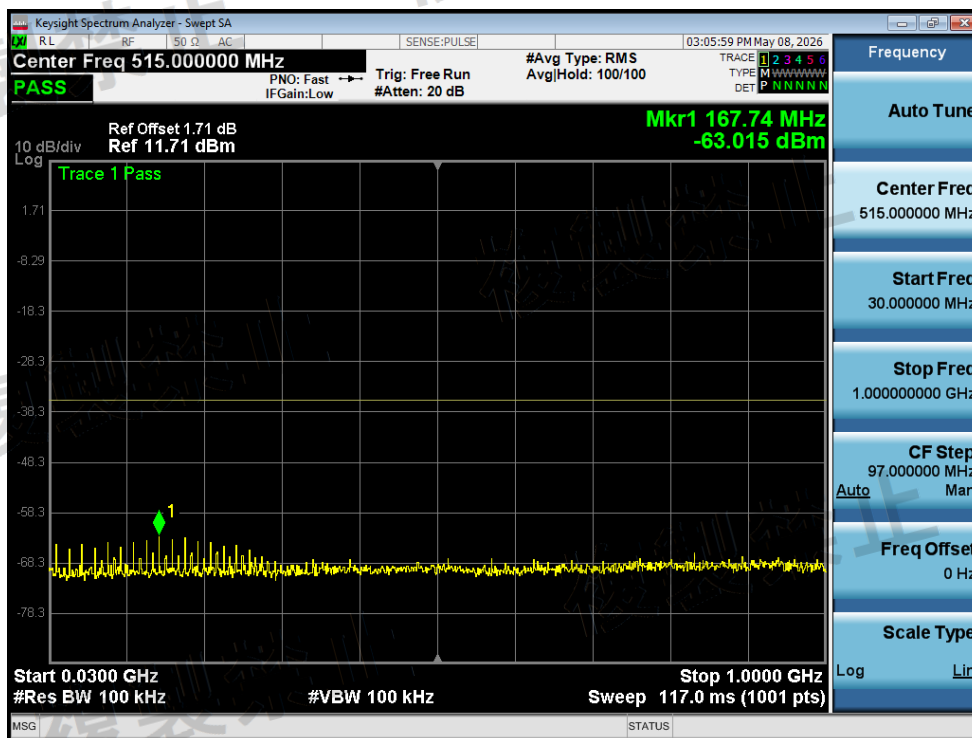
Tx. Spurious NVNT GFSK 2440MHz Ant1 @ 2387MHz-2400MHz



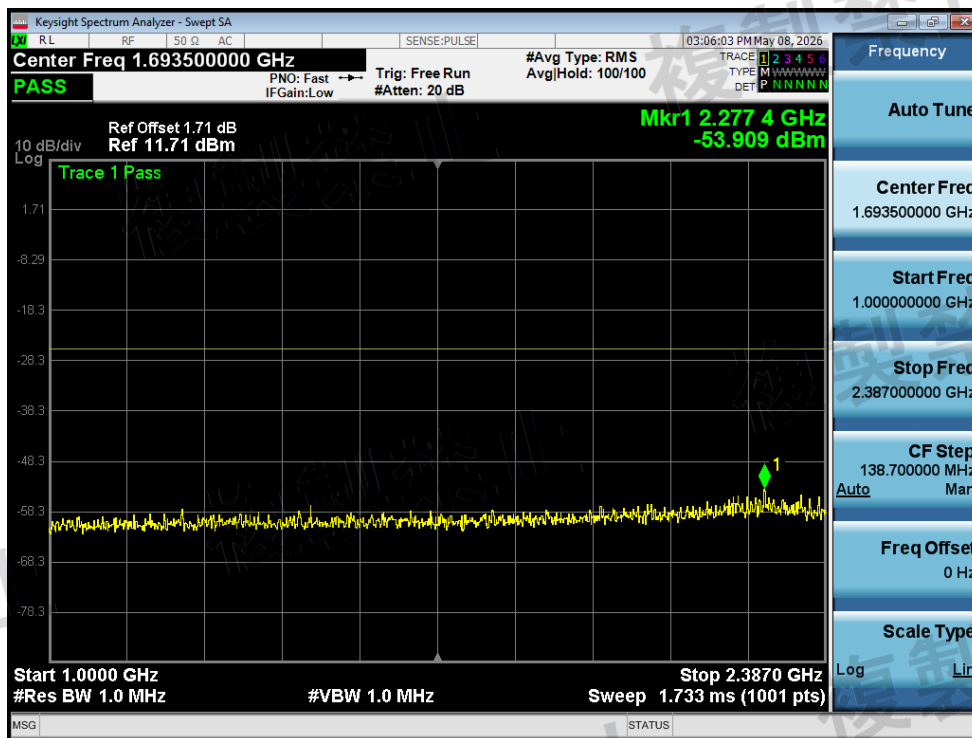
Tx. Spurious NVNT GFSK 2440MHz Ant1 @ 2483.5MHz-2496.5MHz



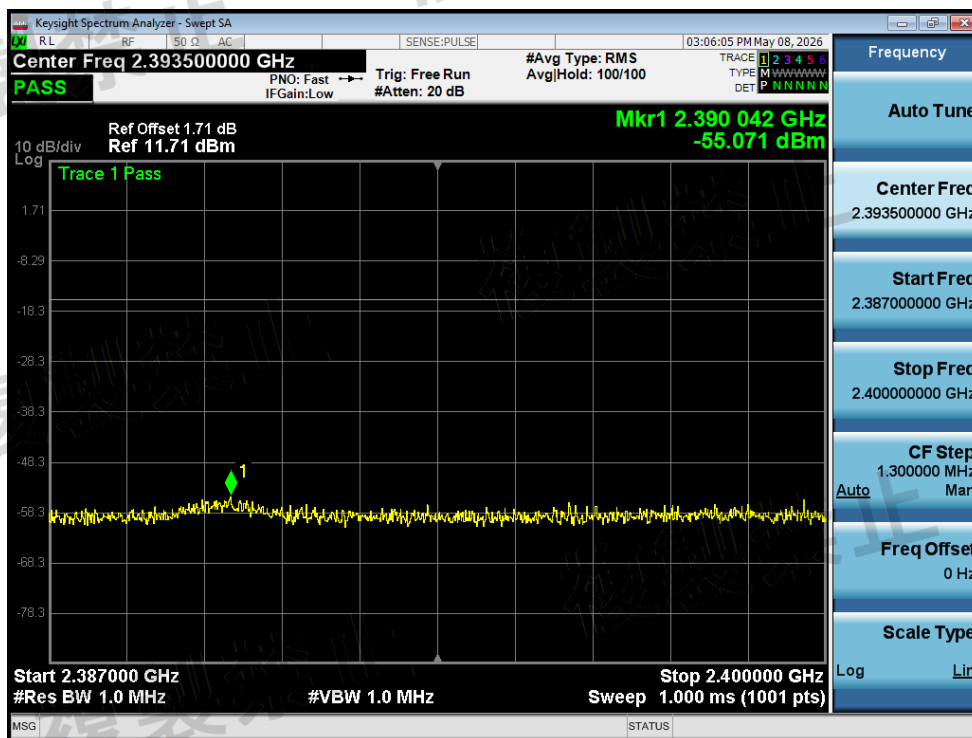
Tx. Spurious NVNT GFSK 2440MHz Ant1 @ 2496.5MHz-13000MHz



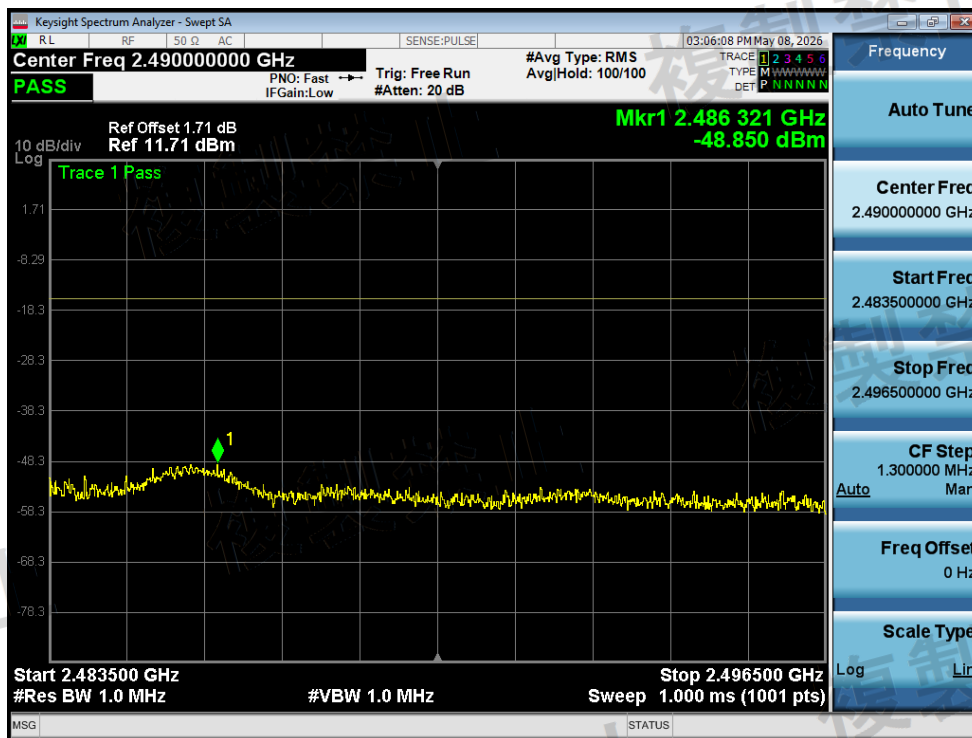
Tx. Spurious NVNT GFSK 2478MHz Ant1 @ 30MHz-1000MHz



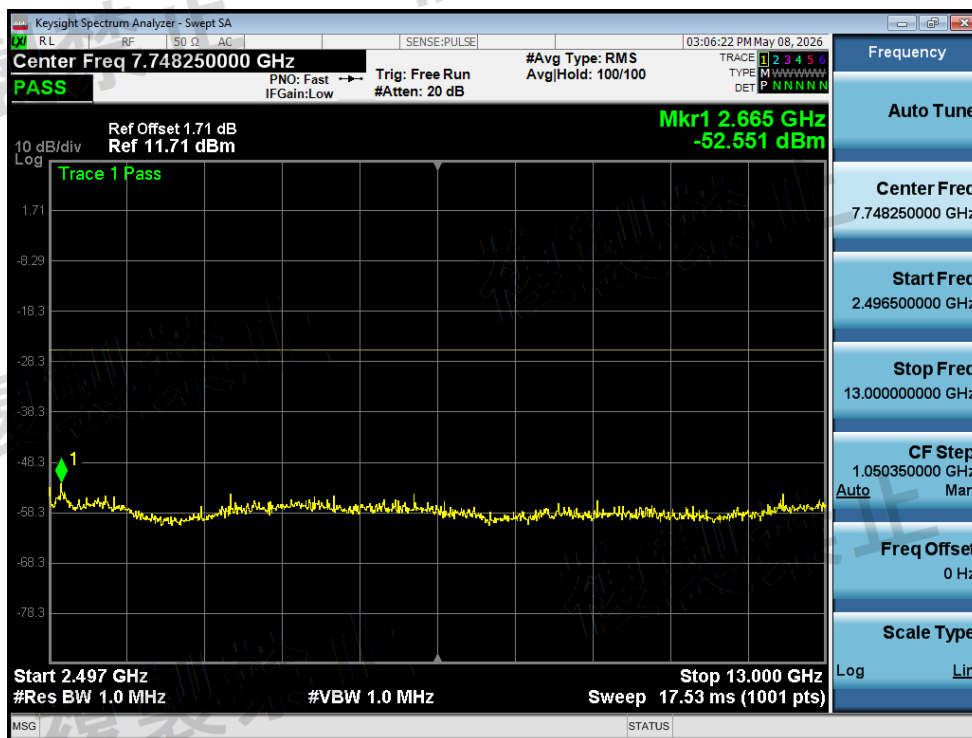
Tx. Spurious NVNT GFSK 2478MHz Ant1 @ 1000MHz-2387MHz



Tx. Spurious NVNT GFSK 2478MHz Ant1 @ 2387MHz-2400MHz



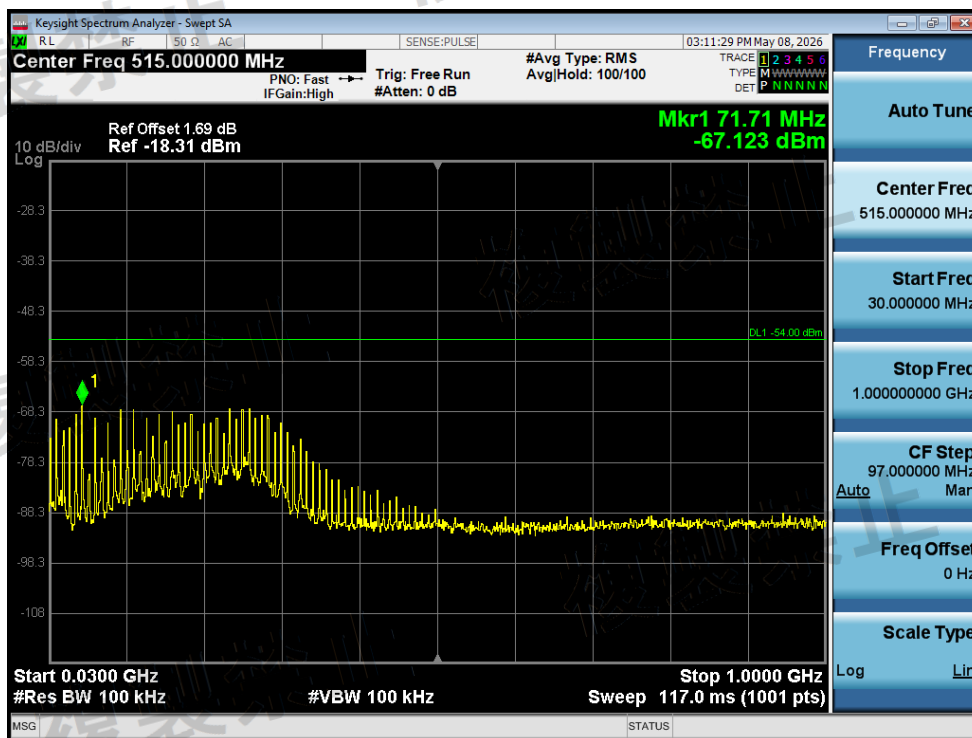
Tx. Spurious NVNT GFSK 2478MHz Ant1 @ 2483.5MHz-2496.5MHz



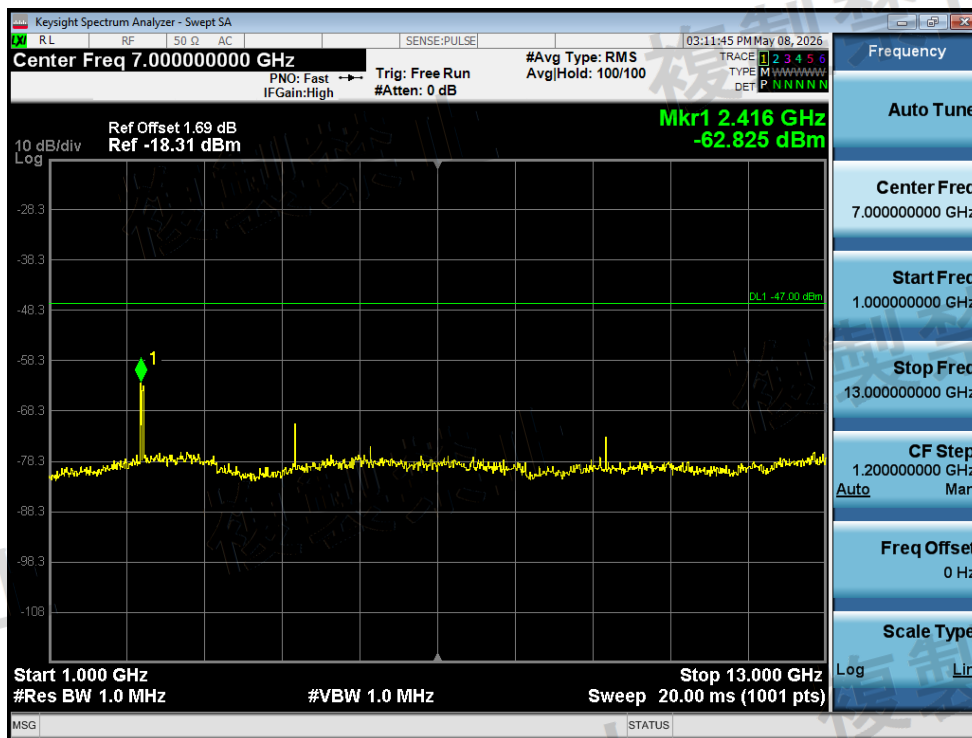
Tx. Spurious NVNT GFSK 2478MHz Ant1 @ 2496.5MHz-13000MHz

6. Rx Spurious Emission

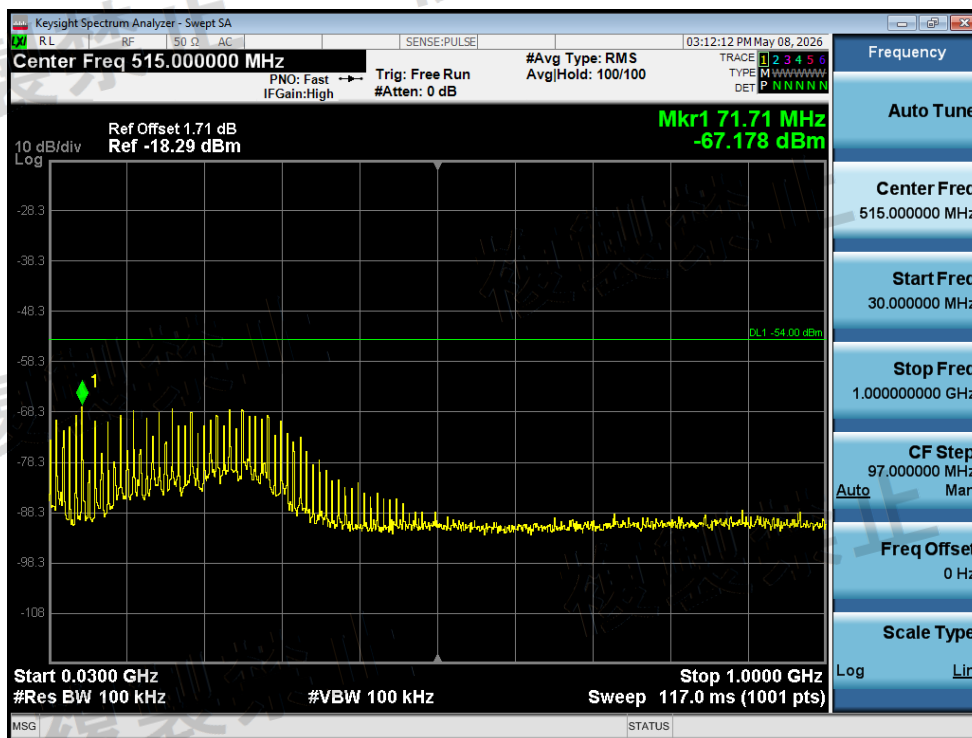
Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Emission Frequency (MHz)	Max Value (dBm)	Max Value (nW)	Limit (nw)	Verdict
NVNT	GFSK	2402	Ant1	30-1000	71.71	-67.12	0.194	4	Pass
NVNT	GFSK	2402	Ant1	1000-13000	2416	-62.83	0.52	20	Pass
NVNT	GFSK	2440	Ant1	30-1000	71.71	-67.18	0.191	4	Pass
NVNT	GFSK	2440	Ant1	1000-13000	4876	-71.42	0.07	20	Pass
NVNT	GFSK	2478	Ant1	30-1000	71.71	-67.27	0.187	4	Pass
NVNT	GFSK	2478	Ant1	1000-13000	4948	-72.87	0.05	20	Pass



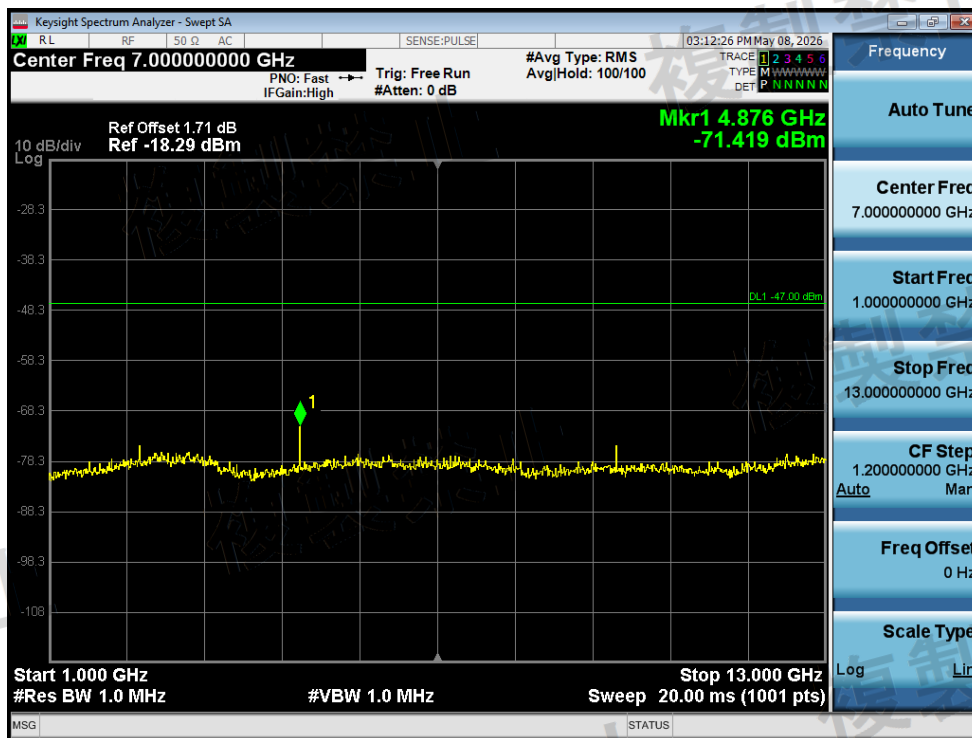
Rx. Spurious NVNT GFSK 2402MHz Ant1 @ 30MHz-1000MHz



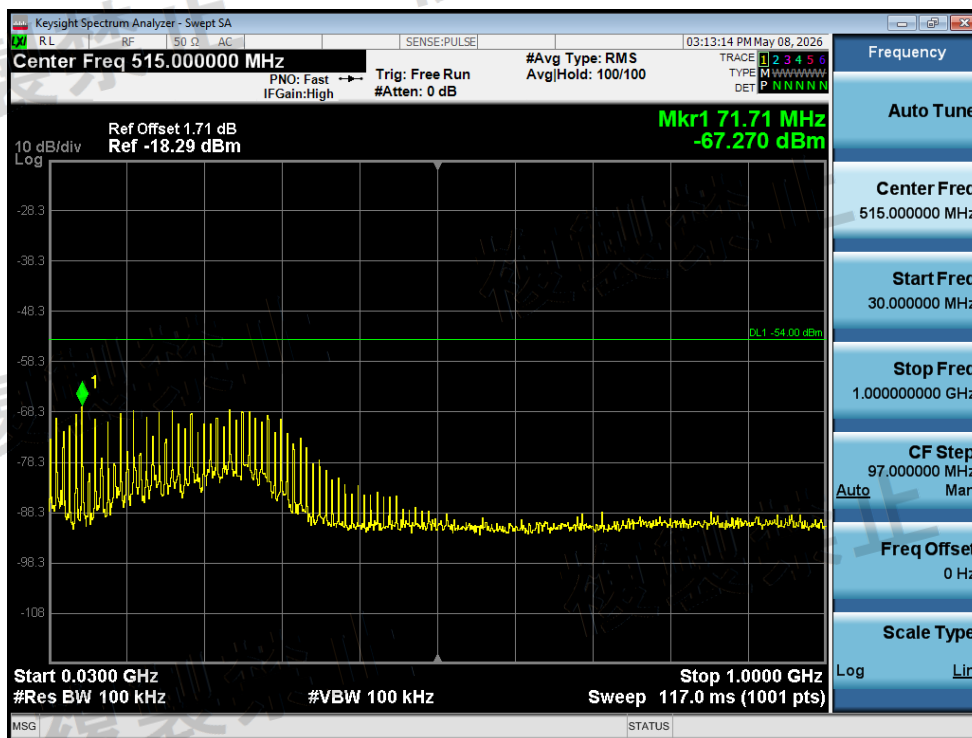
Rx. Spurious NVNT GFSK 2402MHz Ant1 @ 1000MHz-13000MHz



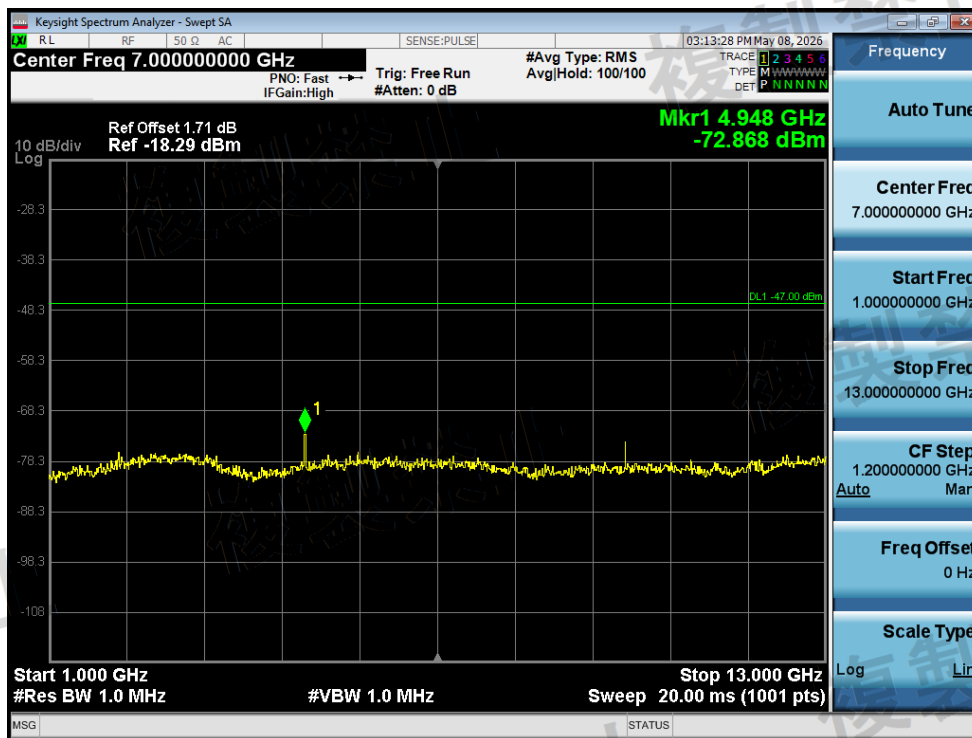
Rx. Spurious NVNT GFSK 2440MHz Ant1 @ 30MHz-1000MHz



Rx. Spurious NVNT GFSK 2440MHz Ant1 @ 1000MHz-13000MHz



Rx. Spurious NVNT GFSK 2478MHz Ant1 @ 30MHz-1000MHz



Rx. Spurious NVNT GFSK 2478MHz Ant1 @ 1000MHz-13000MHz