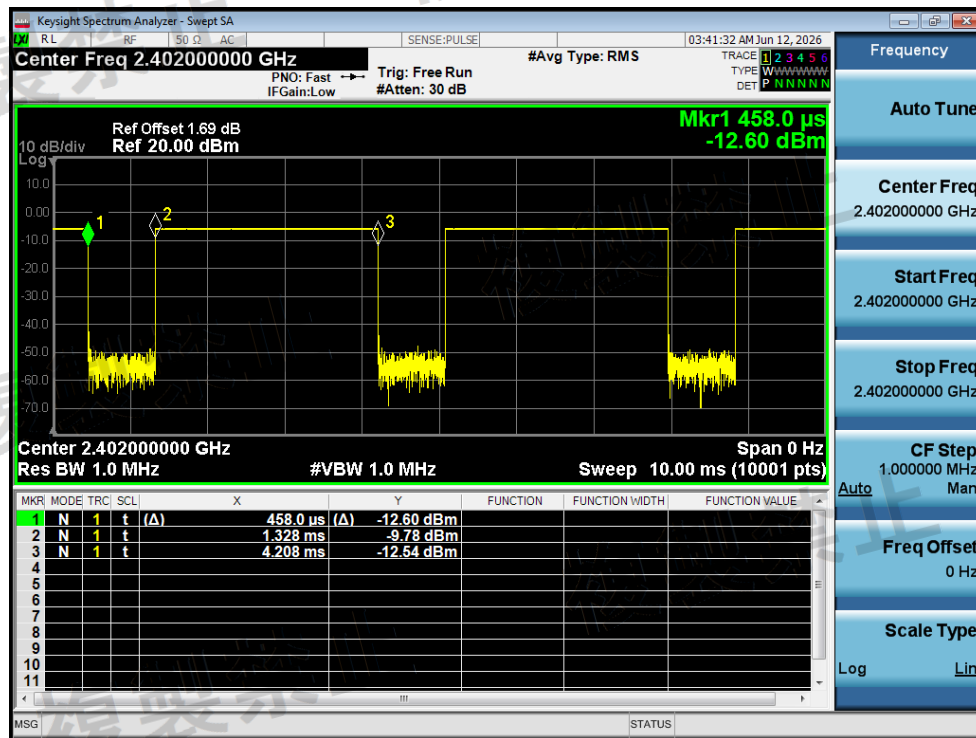


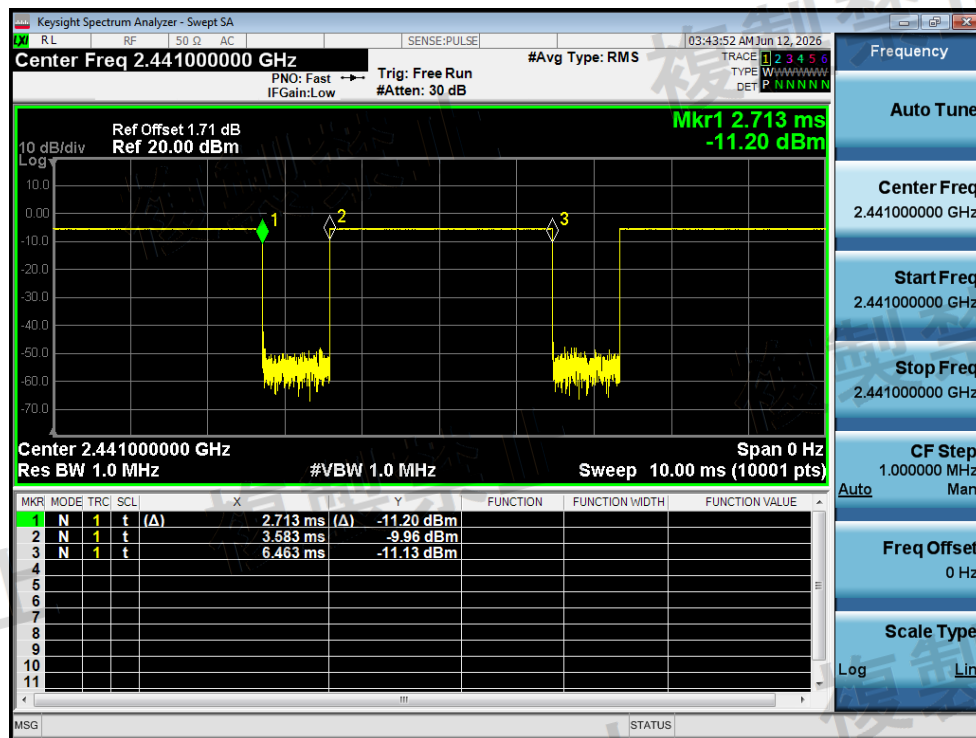
Appendix B of Test Report

1. Duty Cycle

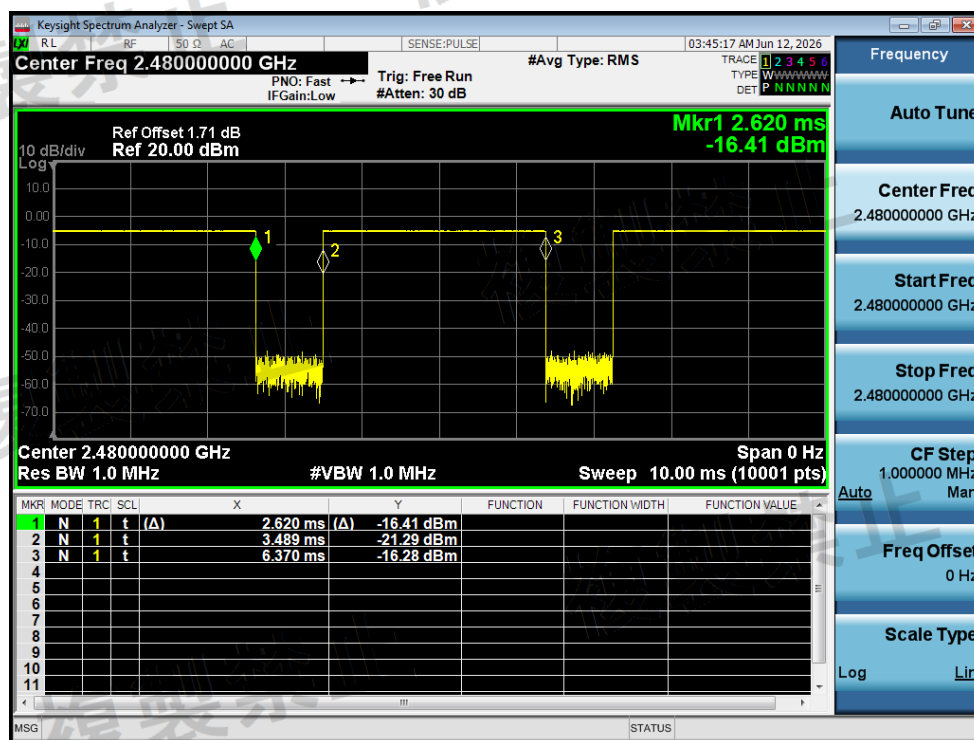
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	1-DH5	2402	Ant1	76.8	1.15	0.35
NVNT	1-DH5	2441	Ant1	76.8	1.15	0.35
NVNT	1-DH5	2480	Ant1	76.83	1.14	0.35
NVNT	2-DH5	2402	Ant1	76.96	1.14	0.35
NVNT	2-DH5	2441	Ant1	76.99	1.14	0.35
NVNT	2-DH5	2480	Ant1	76.99	1.14	0.35
NVNT	3-DH5	2402	Ant1	77.01	1.13	0.35
NVNT	3-DH5	2441	Ant1	77.04	1.13	0.35
NVNT	3-DH5	2480	Ant1	77.01	1.13	0.35



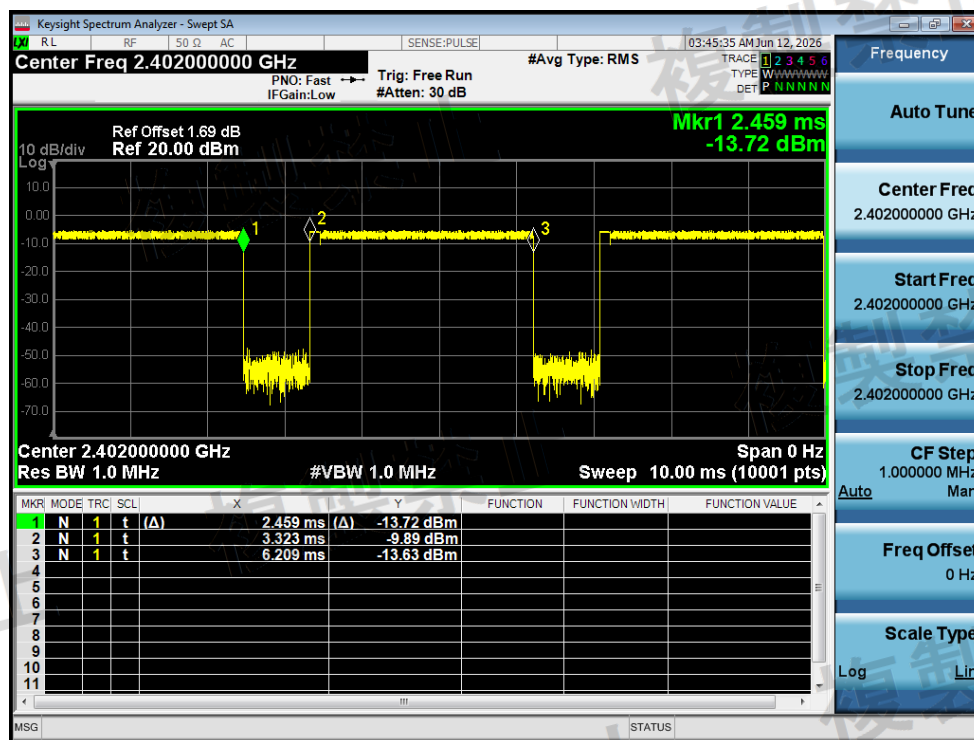
Duty Cycle NVNT 1-DH5 2402MHz Ant1



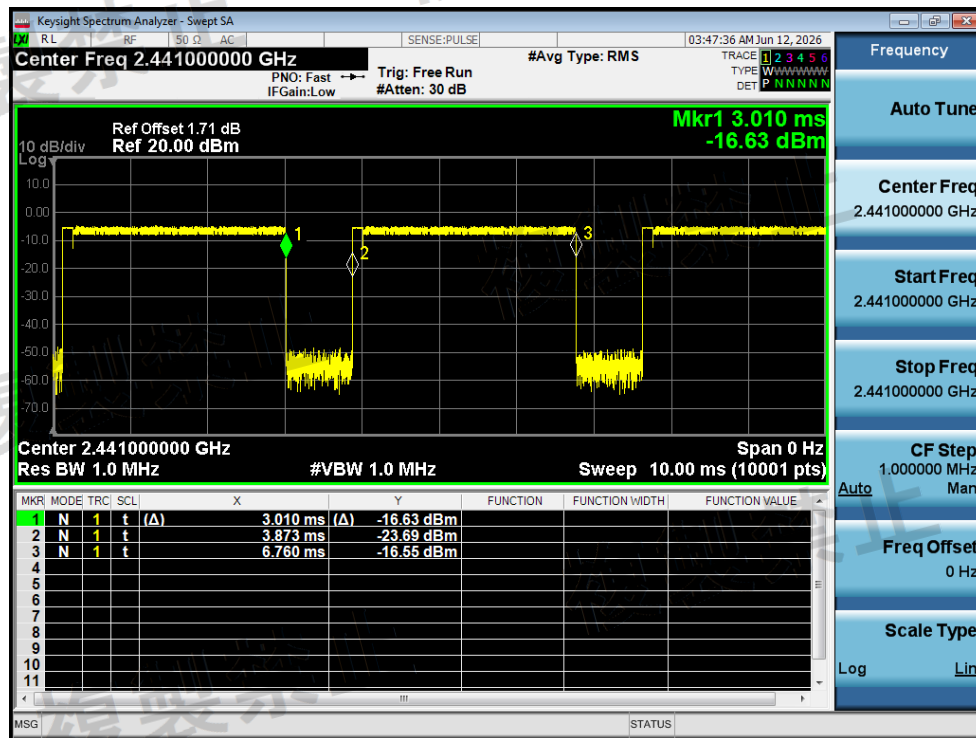
Duty Cycle NVNT 1-DH5 2441MHz Ant1



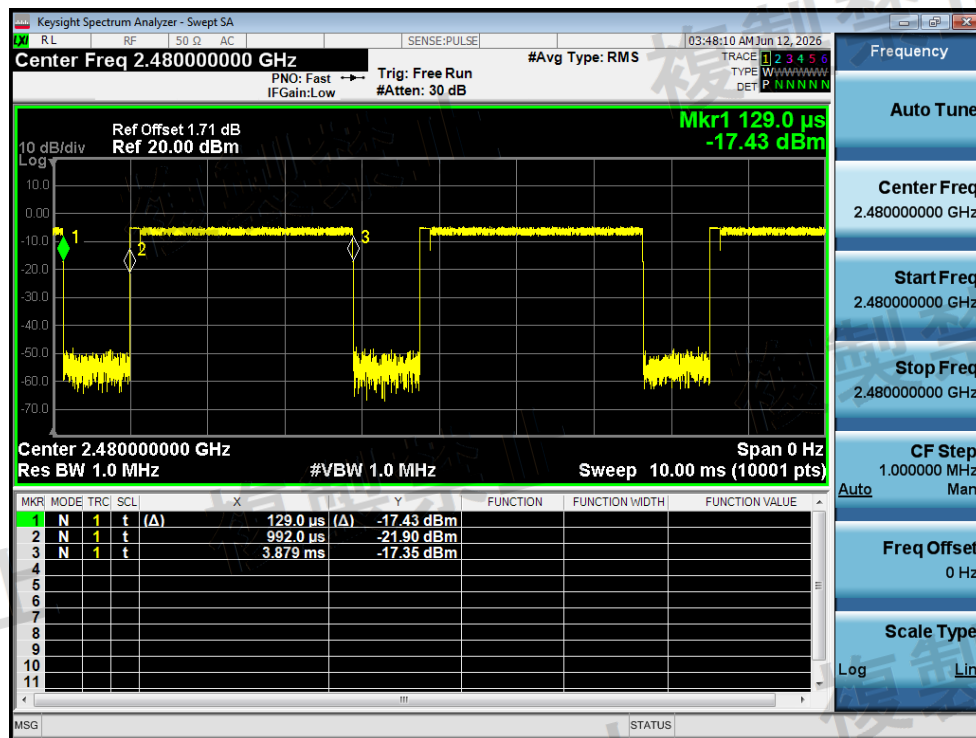
Duty Cycle NVNT 1-DH5 2480MHz Ant1



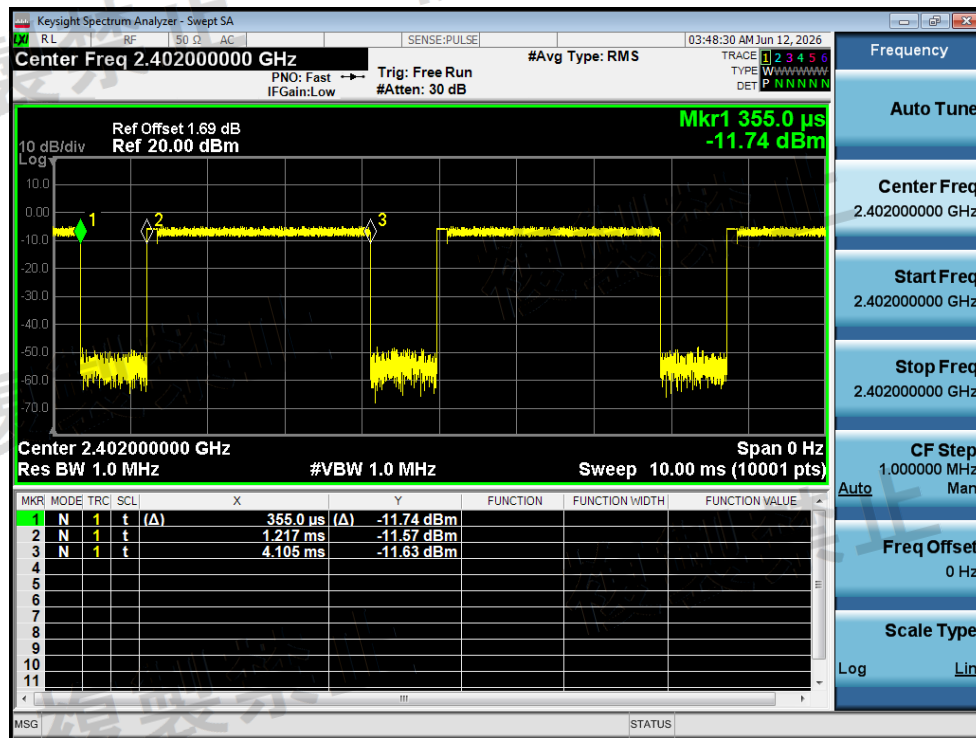
Duty Cycle NVNT 2-DH5 2402MHz Ant1



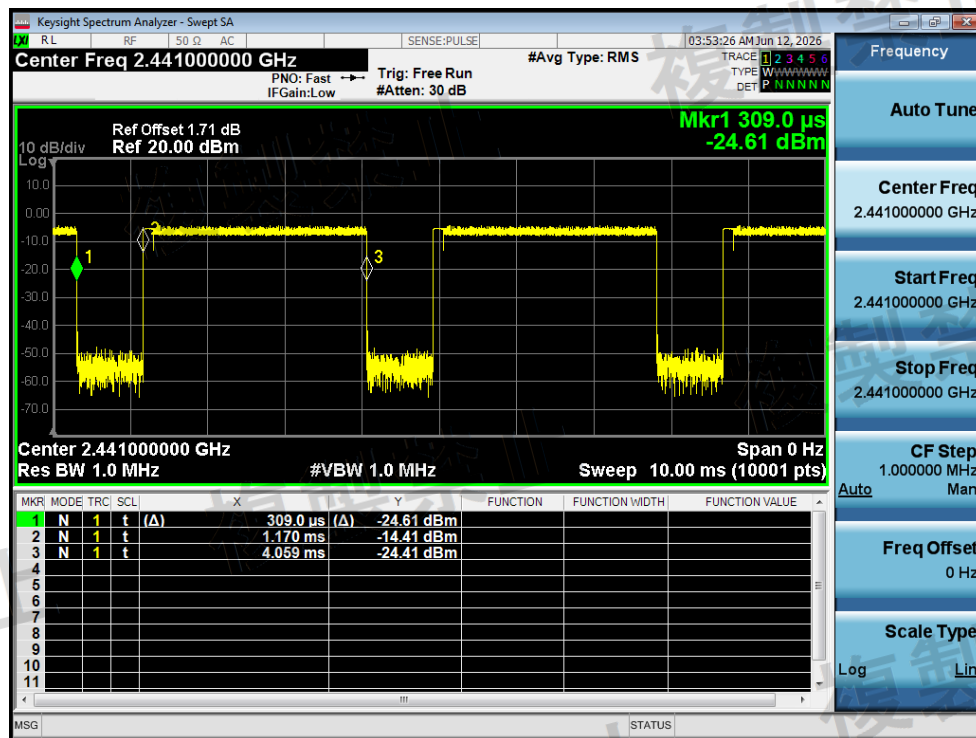
Duty Cycle NVNT 2-DH5 2441MHz Ant1



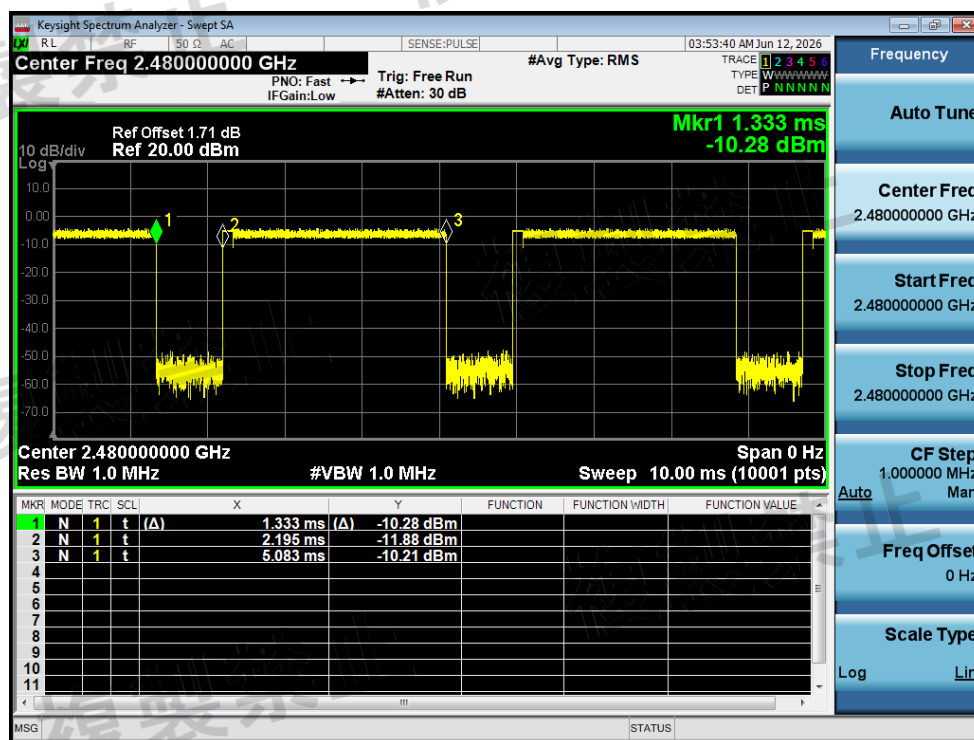
Duty Cycle NVNT 2-DH5 2480MHz Ant1



Duty Cycle NVNT 3-DH5 2402MHz Ant1



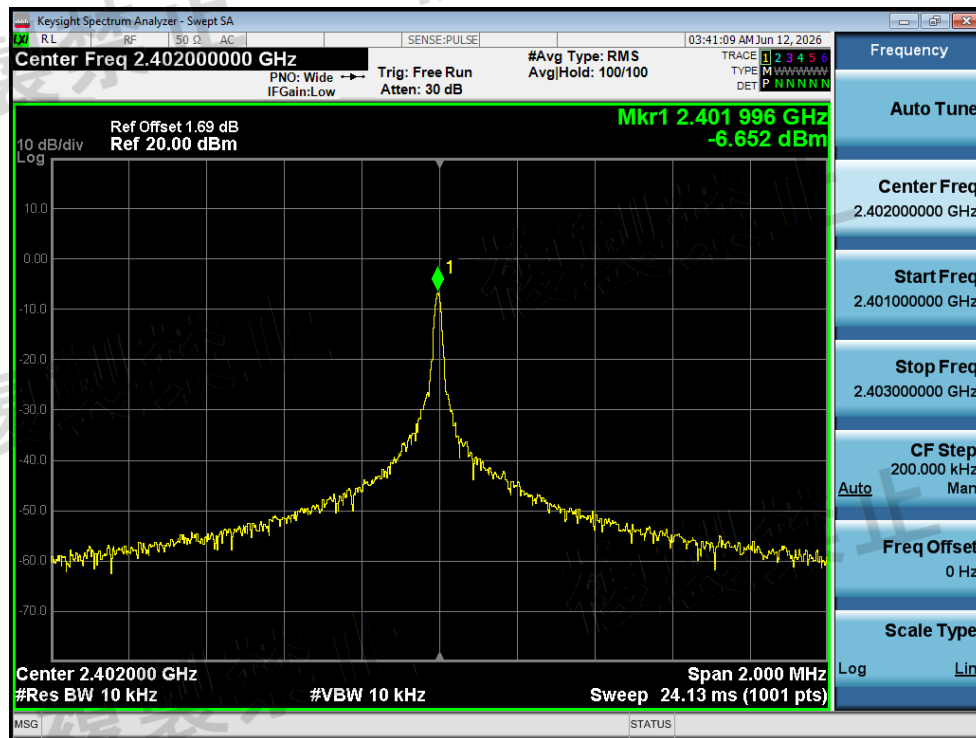
Duty Cycle NVNT 3-DH5 2441MHz Ant1



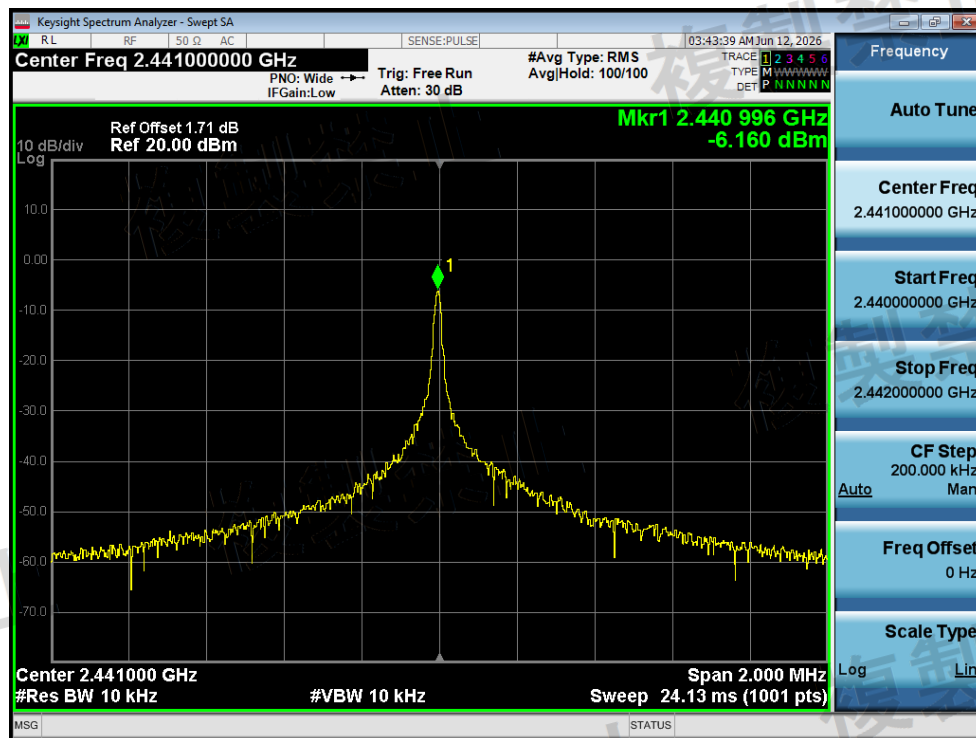
Duty Cycle NVNT 3-DH5 2480MHz Ant1

2. Frequency Error

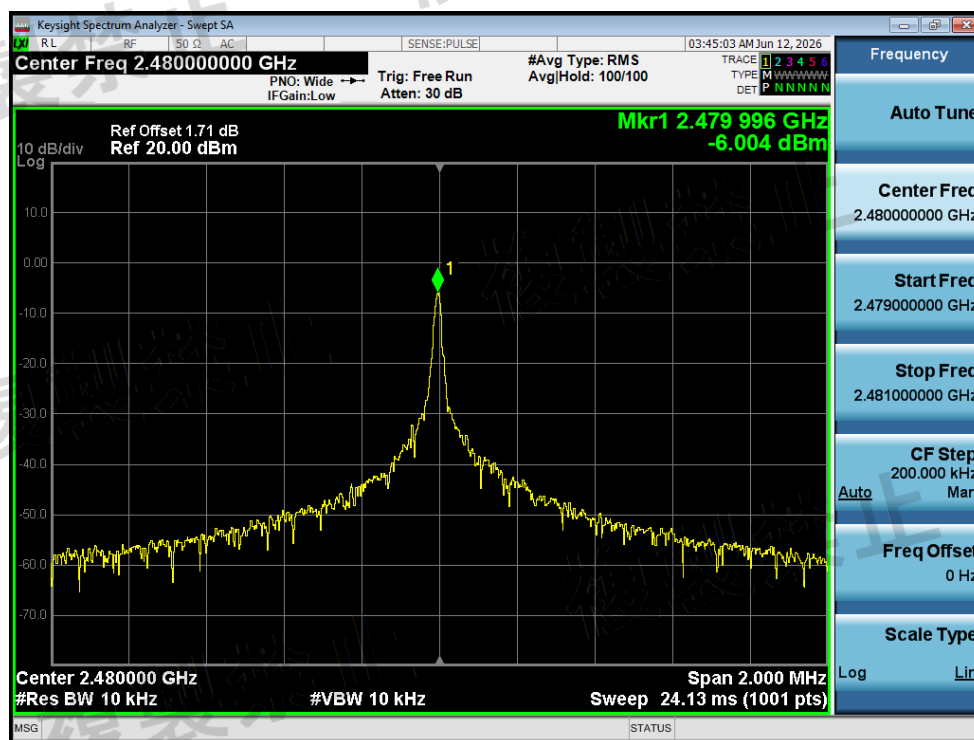
Condition	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	2402	Ant1	2401.996	-4000	-1.67	± 50	Pass
NVNT	2441	Ant1	2440.996	-4000	-1.64	± 50	Pass
NVNT	2480	Ant1	2479.996	-4000	-1.61	± 50	Pass



Freq. Error NVNT 2402MHz Ant1



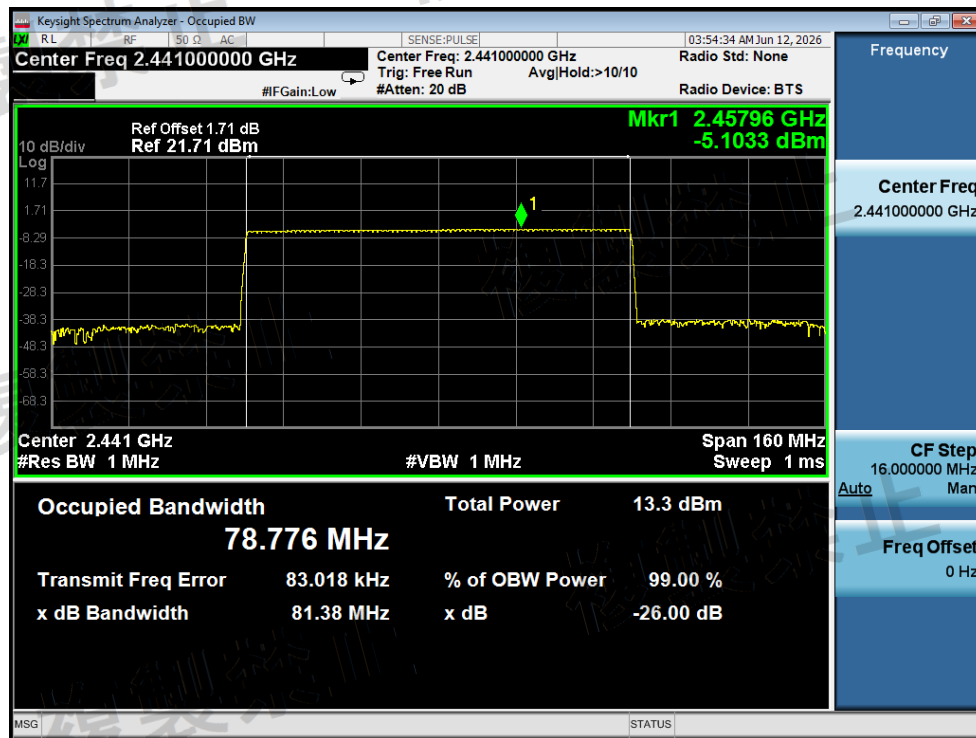
Freq. Error NVNT 2441MHz Ant1



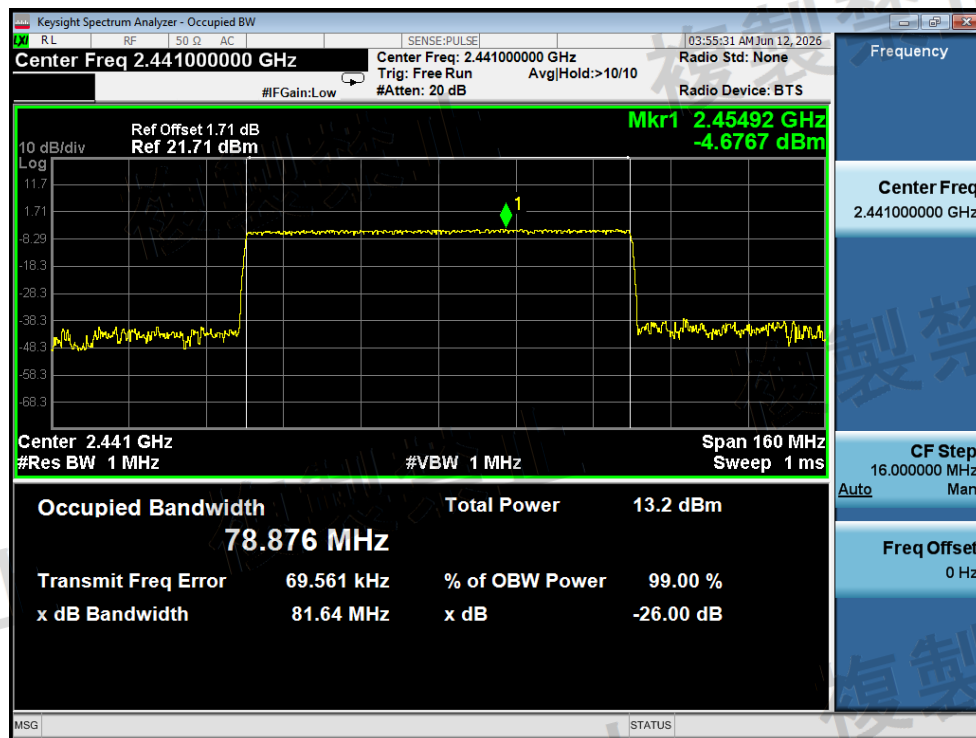
Freq. Error NVNT 2480MHz Ant1

3. Occupied Channel Bandwidth (Hopping)

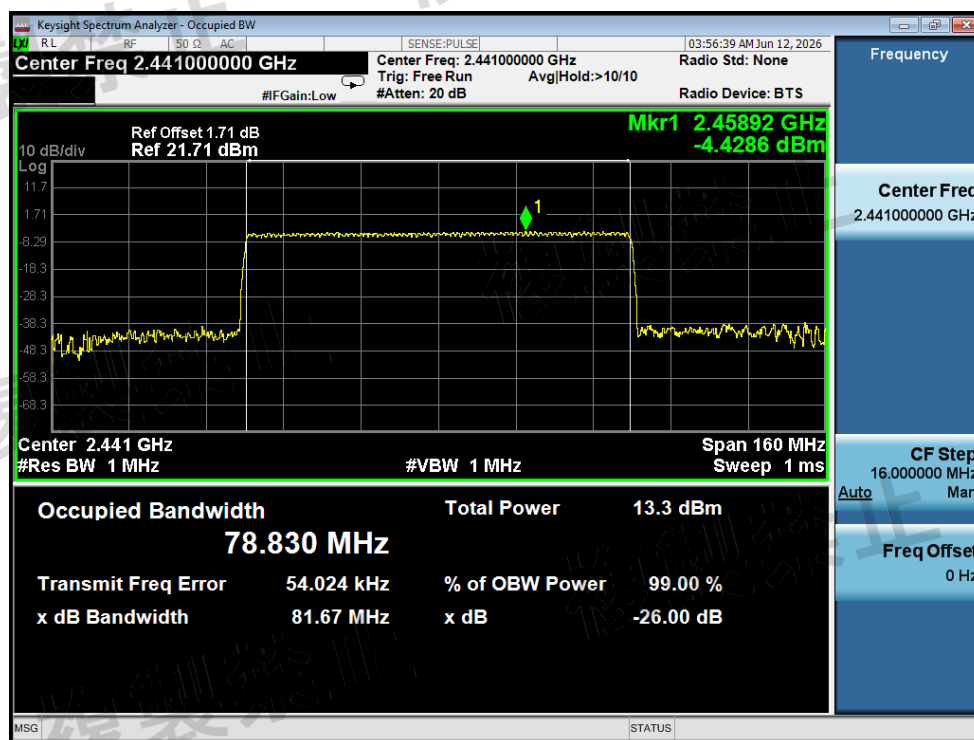
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH5	2441	Ant1	78.776
NVNT	2-DH5	2441	Ant1	78.876
NVNT	3-DH5	2441	Ant1	78.830



OBW (Hopping) NVNT 1-DH5 2441MHz Ant1



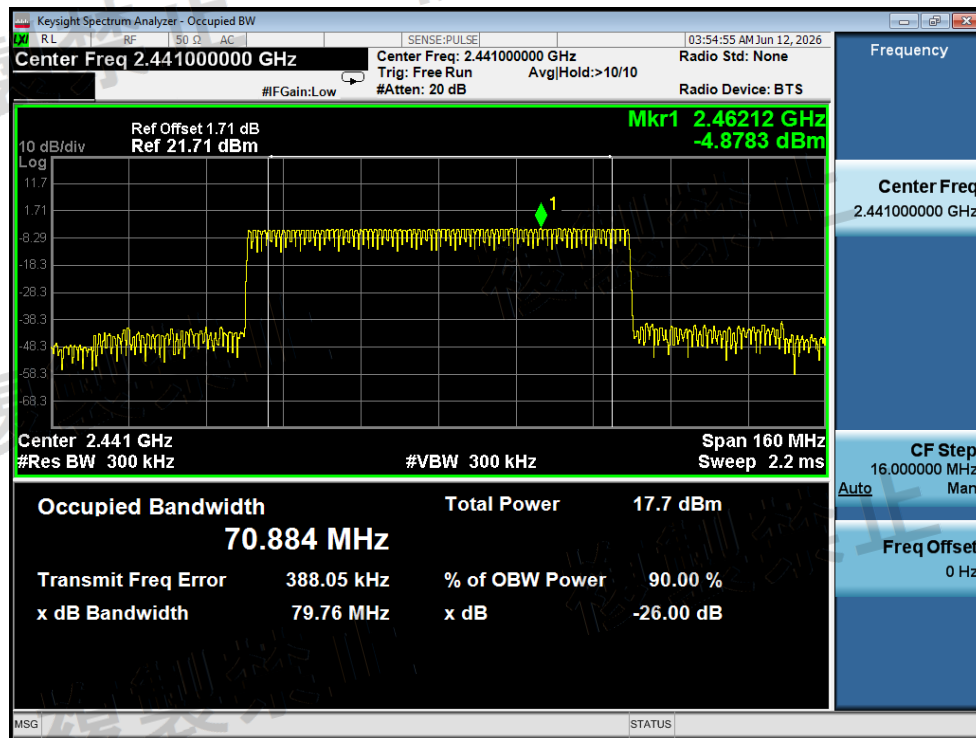
OBW (Hopping) NVNT 2-DH5 2441MHz Ant1



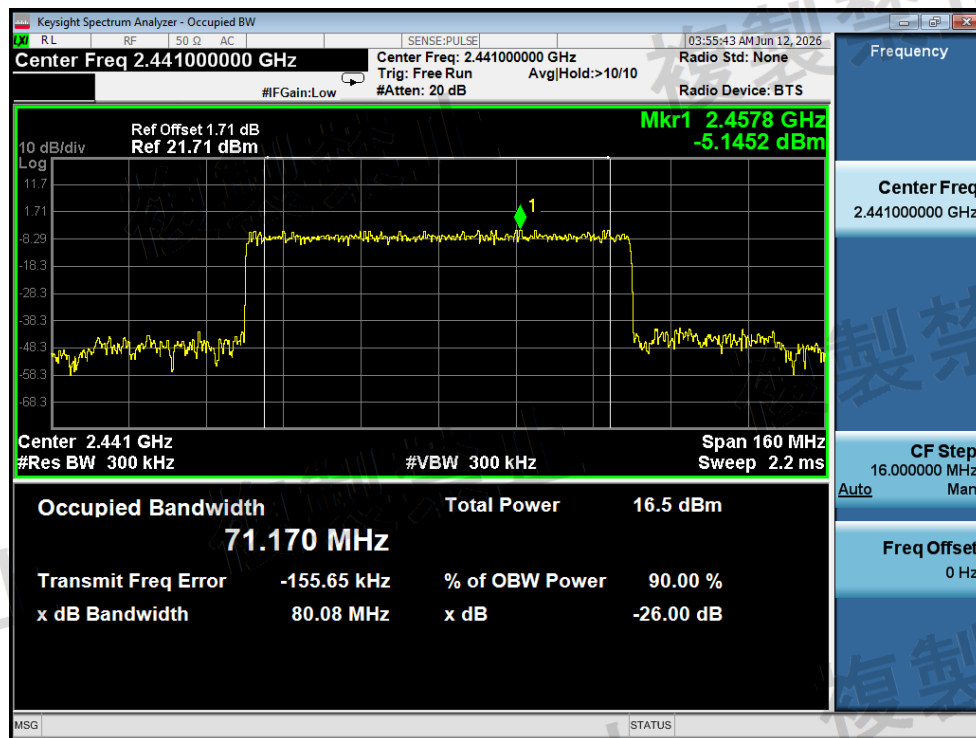
OBW (Hopping) NVNT 3-DH5 2441MHz Ant1

4. Spreading Bandwidth

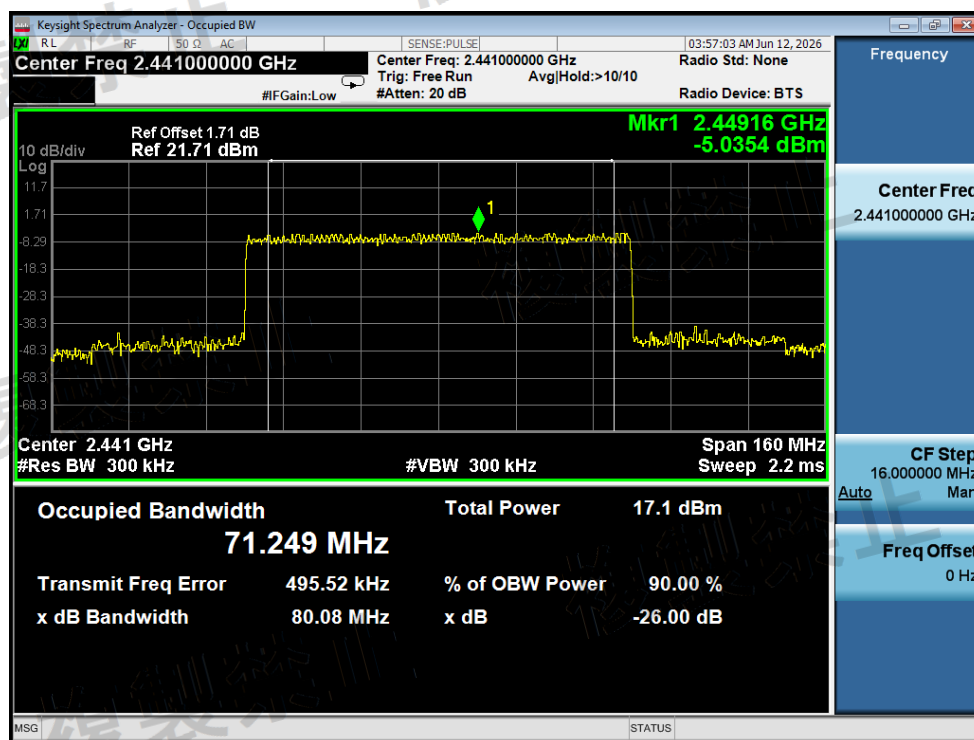
Condition	Mode	Frequency (MHz)	Antenna	90% OBW (MHz)
NVNT	1-DH5	2441	Ant1	70.884
NVNT	2-DH5	2441	Ant1	71.170
NVNT	3-DH5	2441	Ant1	71.249



Spreading Bandwidth NVNT 1-DH5 2441MHz Ant1



Spreading Bandwidth NVNT 2-DH5 2441MHz Ant1

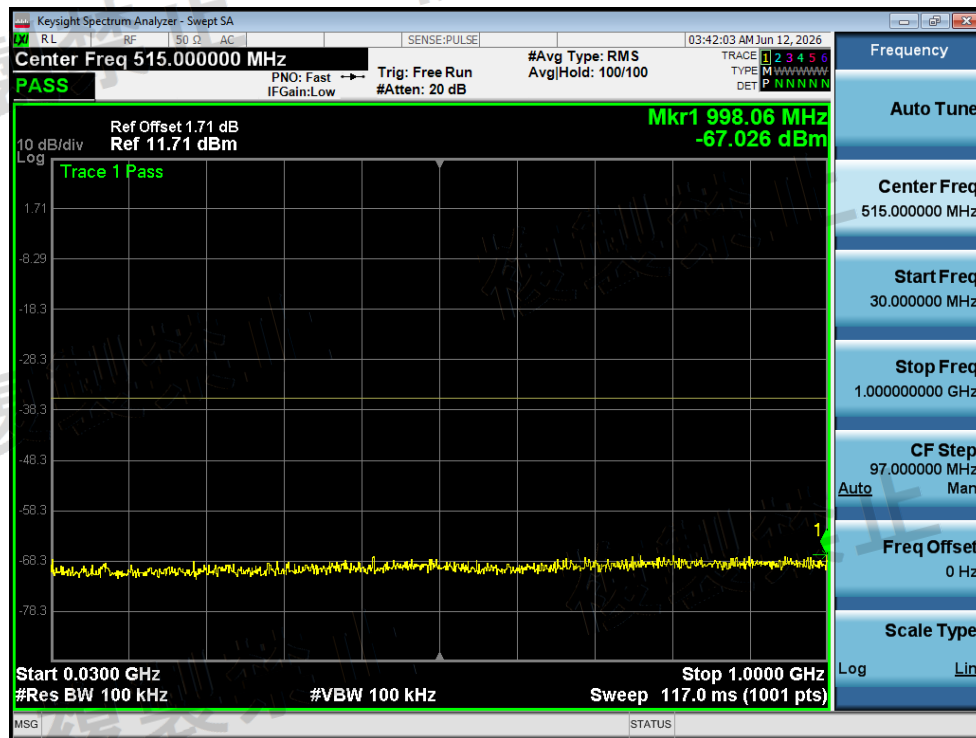


Spreading Bandwidth NVNT 3-DH5 2441MHz Ant1

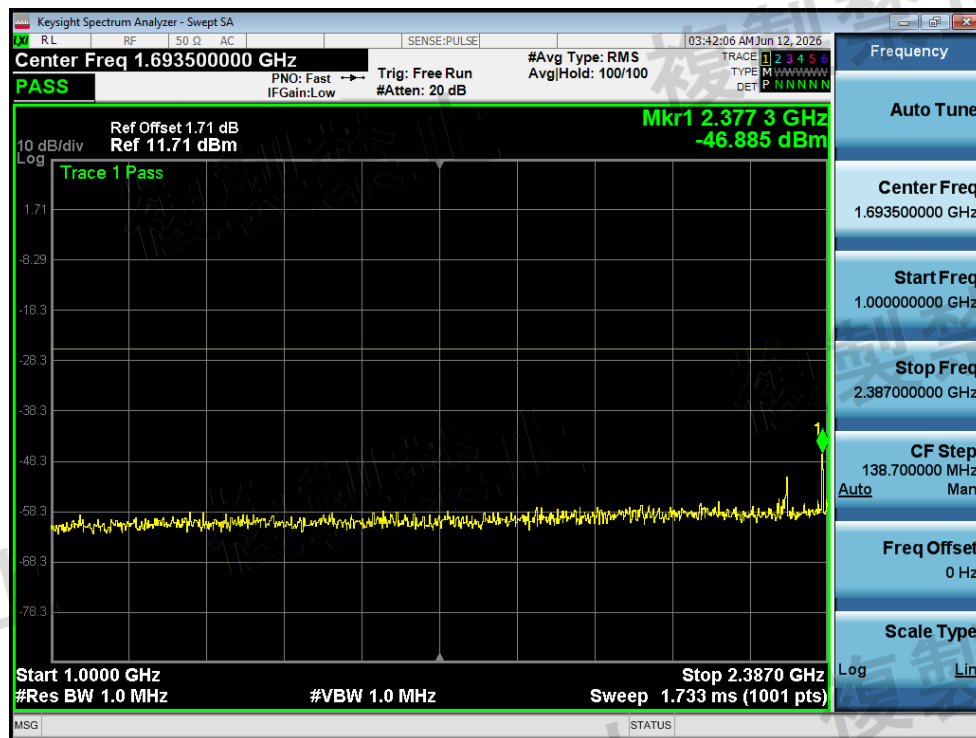
5. Tx Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Emission Frequency (MHz)	Max Value (dBm)	Max Value (dBm/MHz)	Limit (μW/ MHz)	Verdict
NVNT	1-DH5	Hopping	Ant1	30-1000	998.06	-57.03	0.002	2.5	Pass
NVNT	1-DH5	Hopping	Ant1	1000-2387	2377.29	-46.89	0.020	2.5	Pass
NVNT	1-DH5	Hopping	Ant1	2387-2400	2397.88	-55.36	0.003	25	Pass
NVNT	1-DH5	Hopping	Ant1	2483.5-2496.5	2489.47	-53.28	0.005	25	Pass
NVNT	1-DH5	Hopping	Ant1	2496.5-13000	2507	-39.97	0.101	2.5	Pass
NVNT	2-DH5	Hopping	Ant1	30-1000	934.04	-56.74	0.002	2.5	Pass
NVNT	2-DH5	Hopping	Ant1	1000-2387	2377.29	-41.68	0.068	2.5	Pass
NVNT	2-DH5	Hopping	Ant1	2387-2400	2399.82	-56.18	0.002	25	Pass
NVNT	2-DH5	Hopping	Ant1	2483.5-2496.5	2488.77	-52.62	0.005	25	Pass
NVNT	2-DH5	Hopping	Ant1	2496.5-13000	2507	-38.9	0.129	2.5	Pass
NVNT	3-DH5	Hopping	Ant1	30-1000	768.17	-56.14	0.002	25	Pass
NVNT	3-DH5	Hopping	Ant1	1000-2387	2377.29	-47.76	0.017	25	Pass
NVNT	3-DH5	Hopping	Ant1	2387-2400	2392.42	-55.44	0.003	2.5	Pass
NVNT	3-DH5	Hopping	Ant1	2483.5-2496.5	2488.97	-52.85	0.005	25	Pass
NVNT	3-DH5	Hopping	Ant1	2496.5-13000	2507	-44.34	0.037	25	Pass

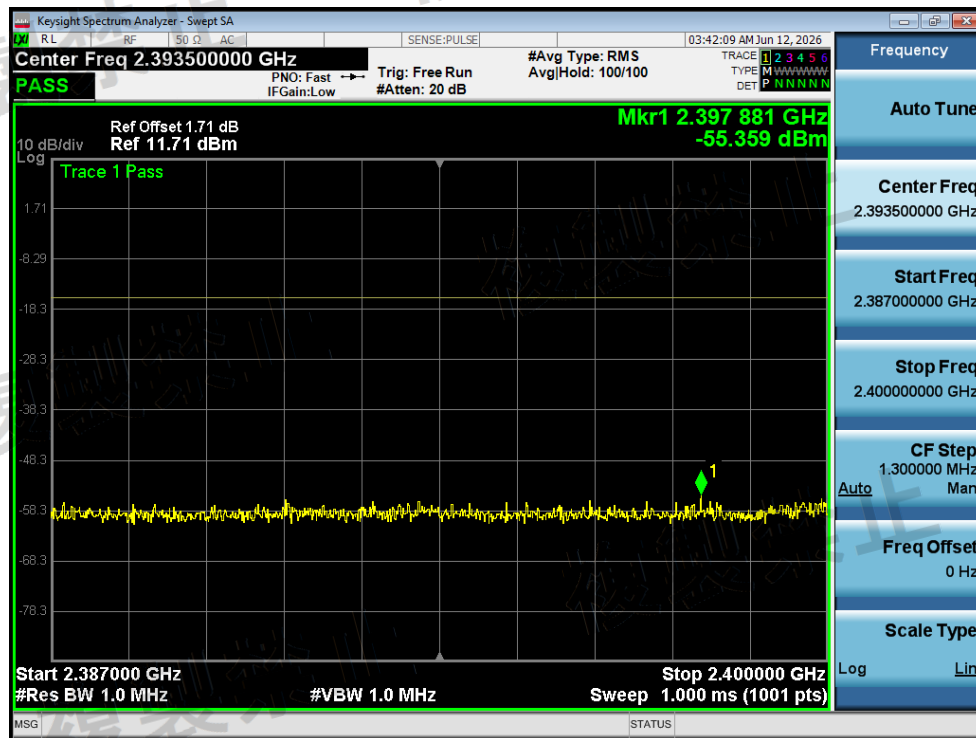
Note: For 30-1000MHz test data, the RBW of the spectrum analyzer is 100kHz, the data measured with RBW=100kHz needs to add 10dB to get the calculated data of RBW=1MHz.



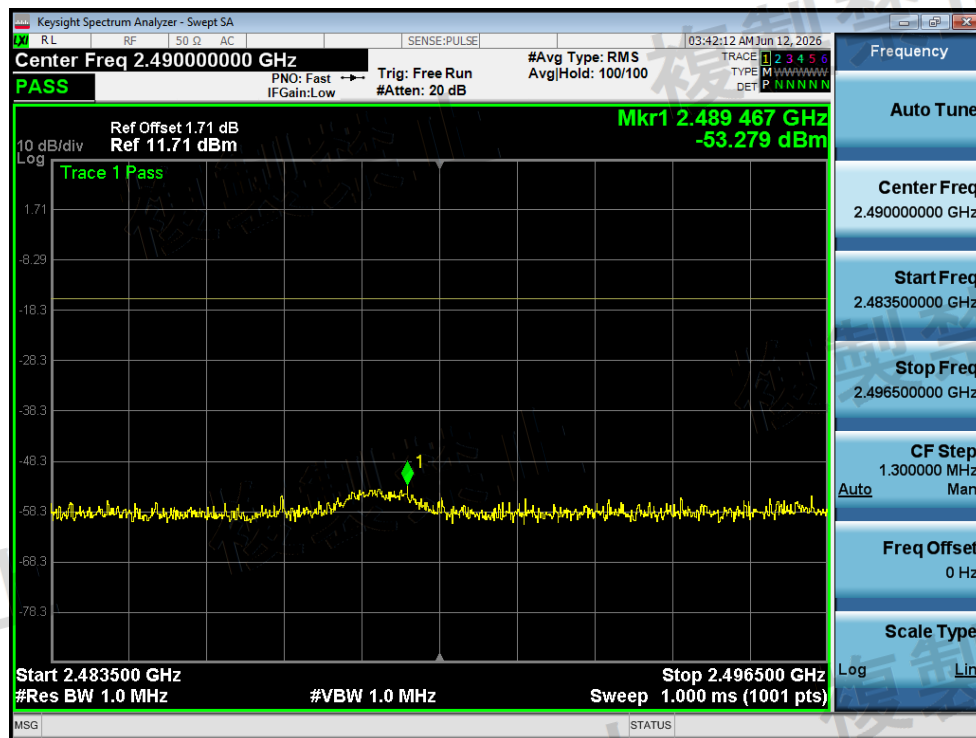
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 @ 30MHz-1000MHz



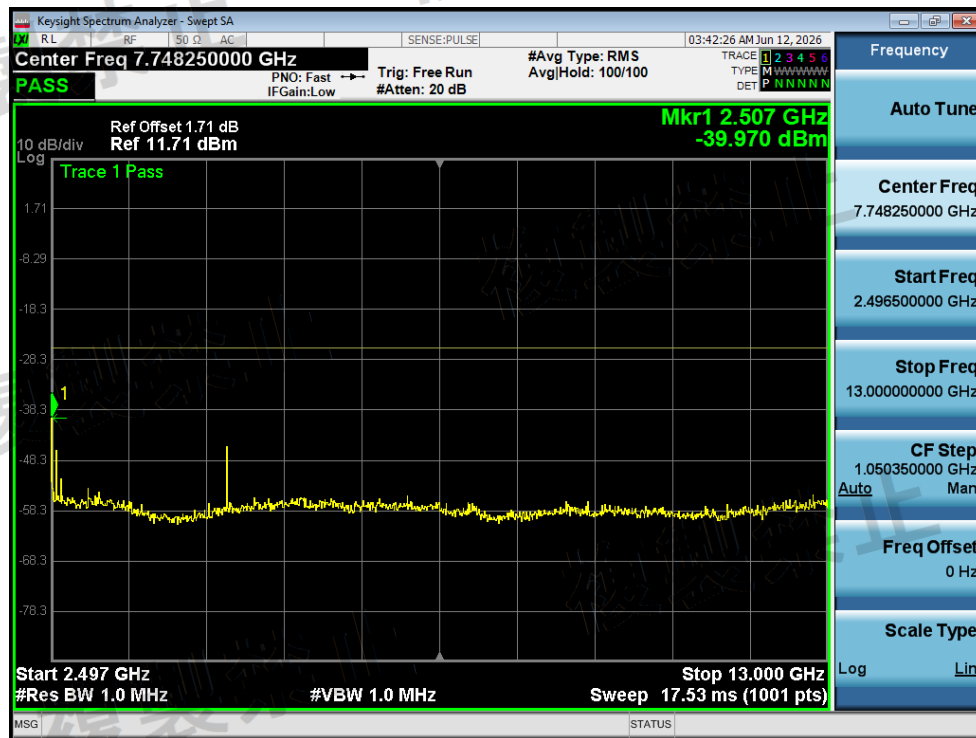
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 @ 1000MHz-2387MHz



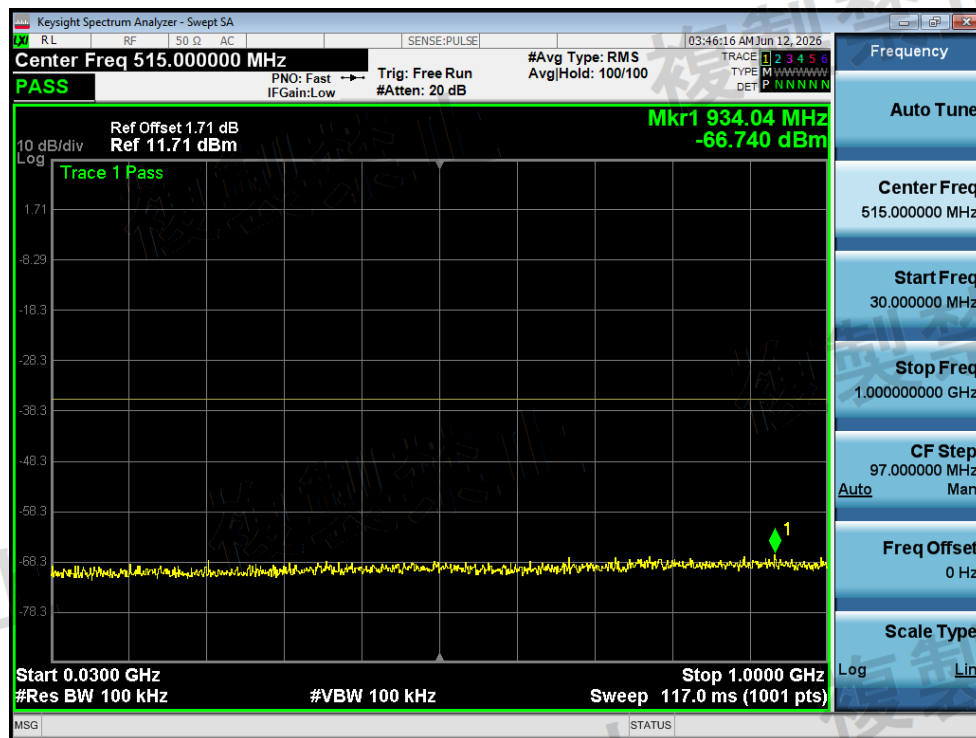
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 @ 2387MHz-2400MHz



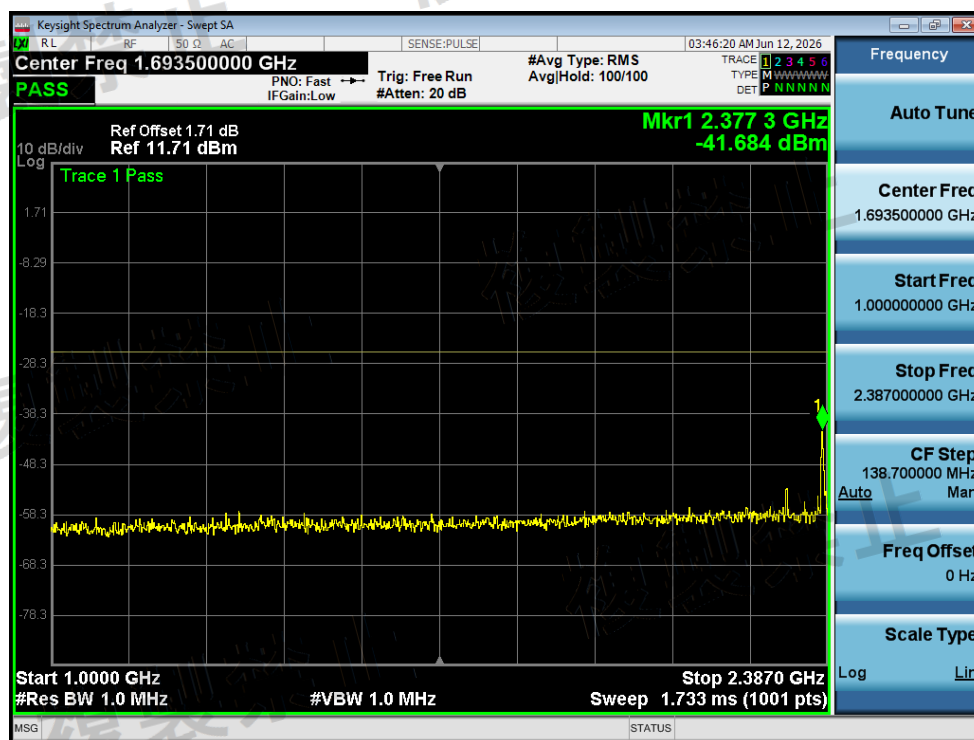
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 @ 2483.5MHz-2496.5MHz



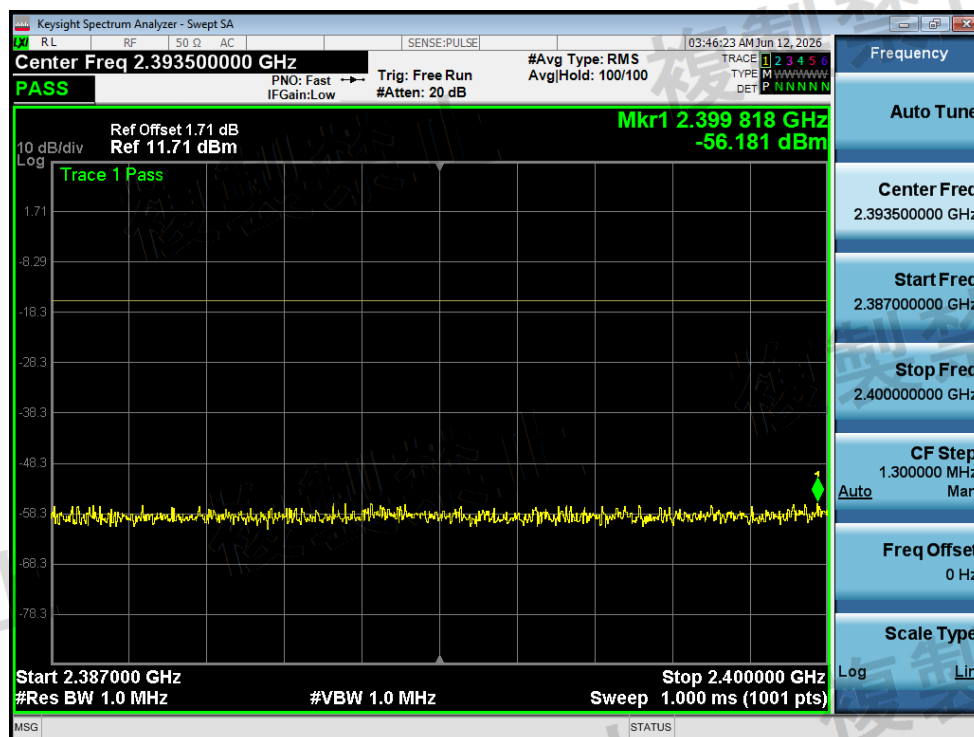
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 @ 2496.5MHz-13000MHz



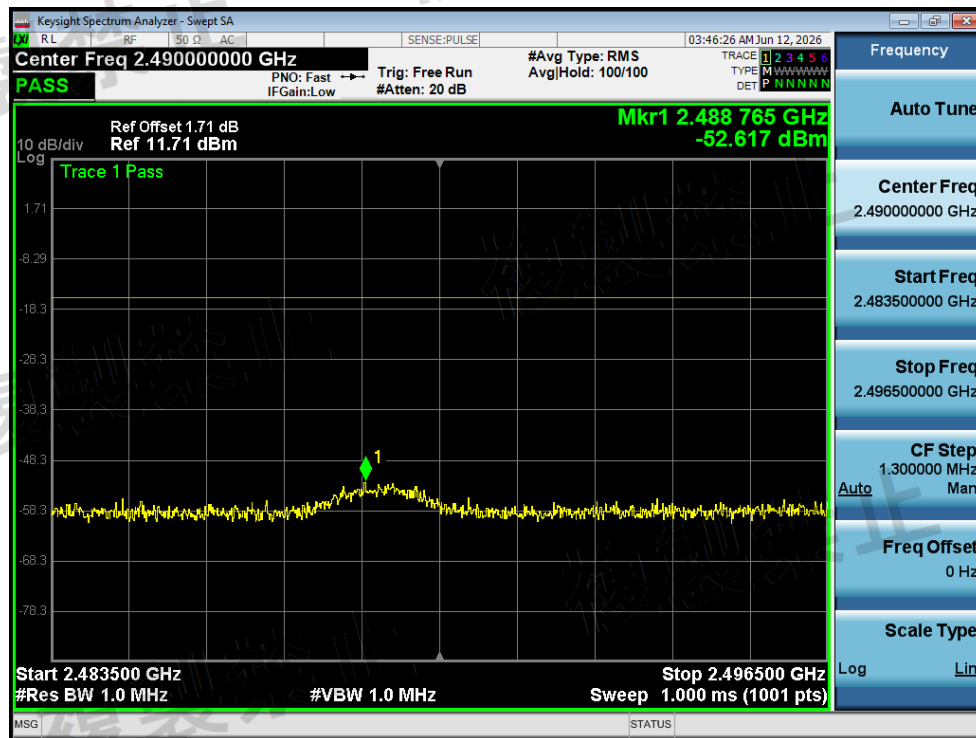
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 @ 30MHz-1000MHz



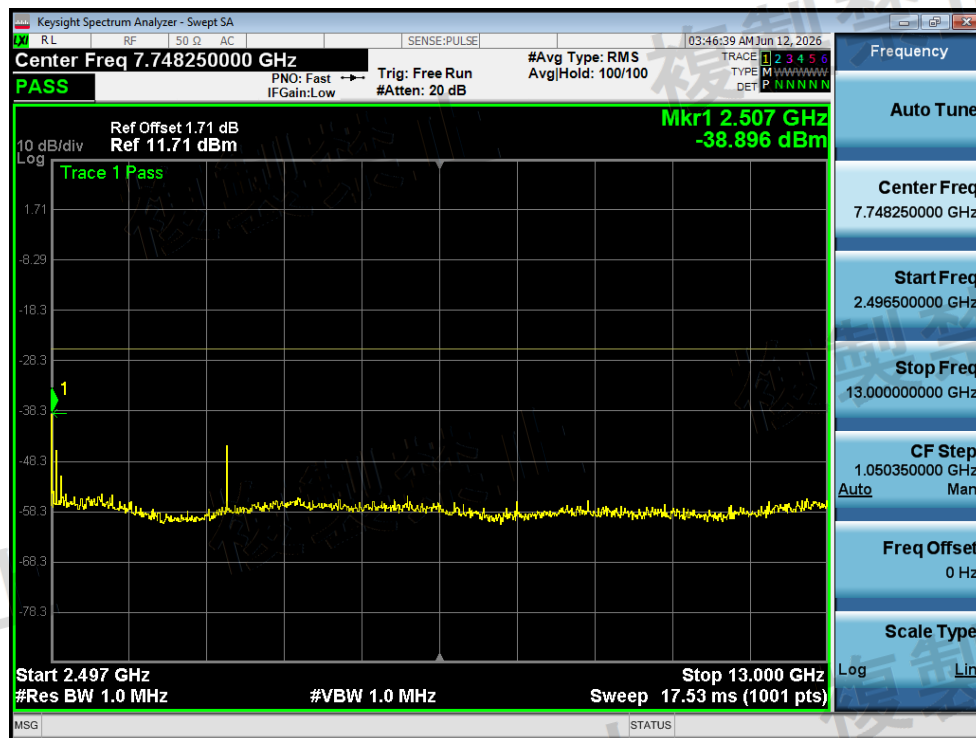
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 @ 1000MHz-2387MHz



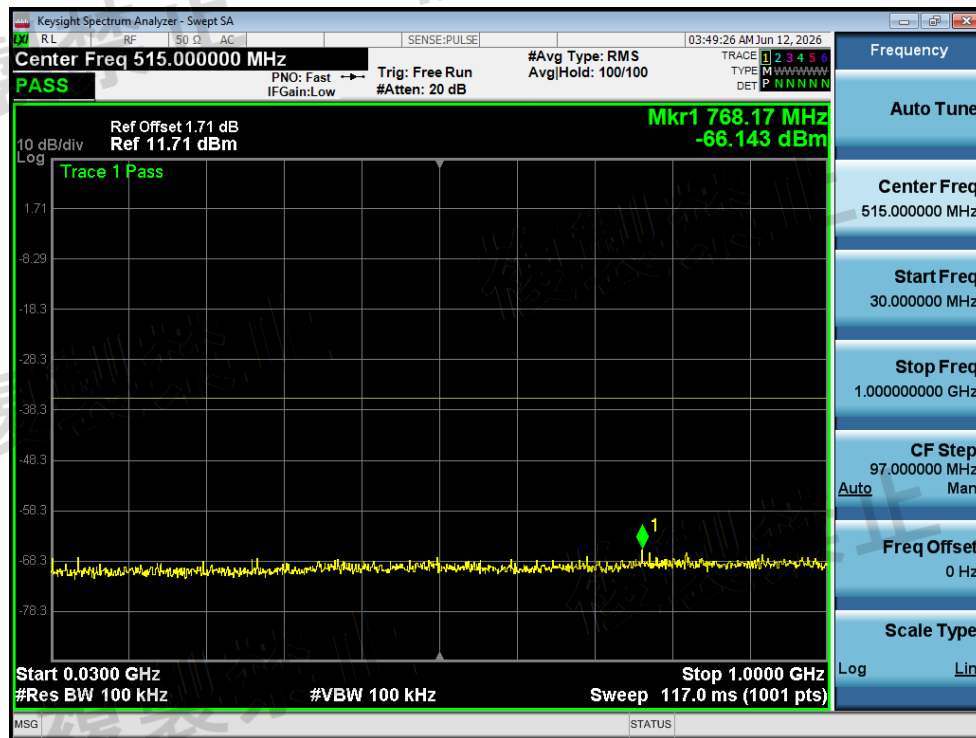
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 @ 2387MHz-2400MHz



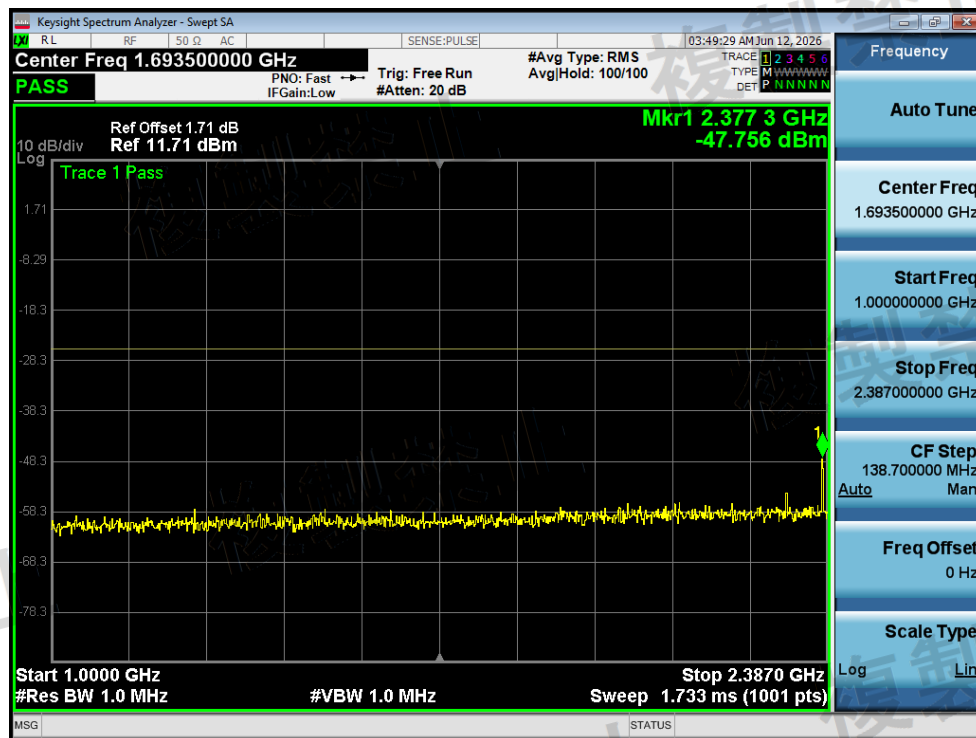
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 @ 2483.5MHz-2496.5MHz



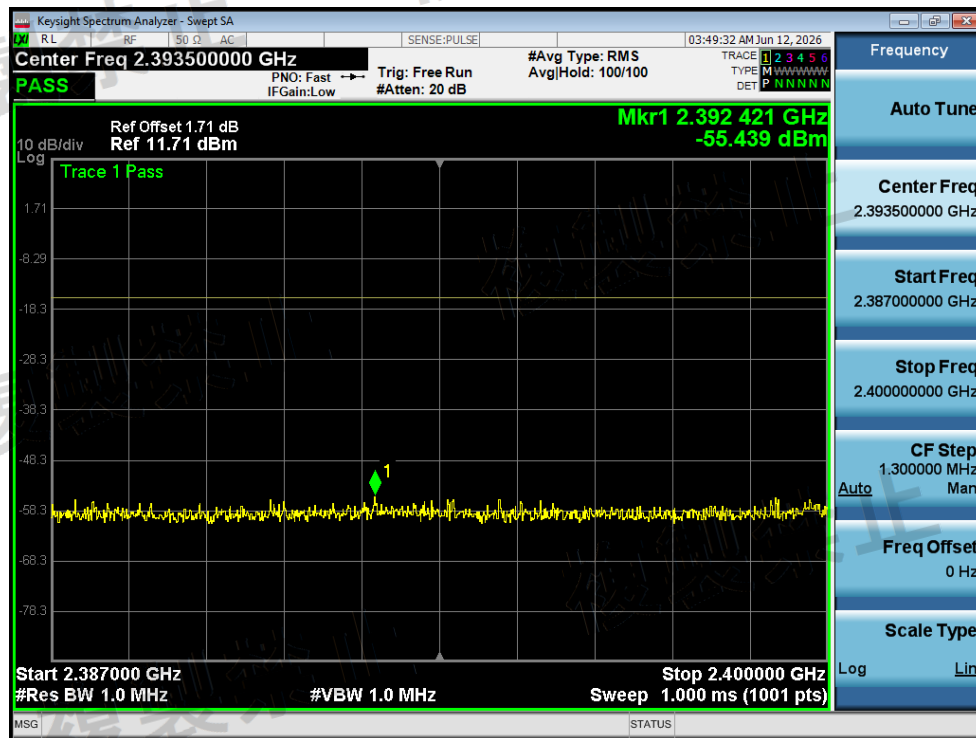
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 @ 2496.5MHz-13000MHz



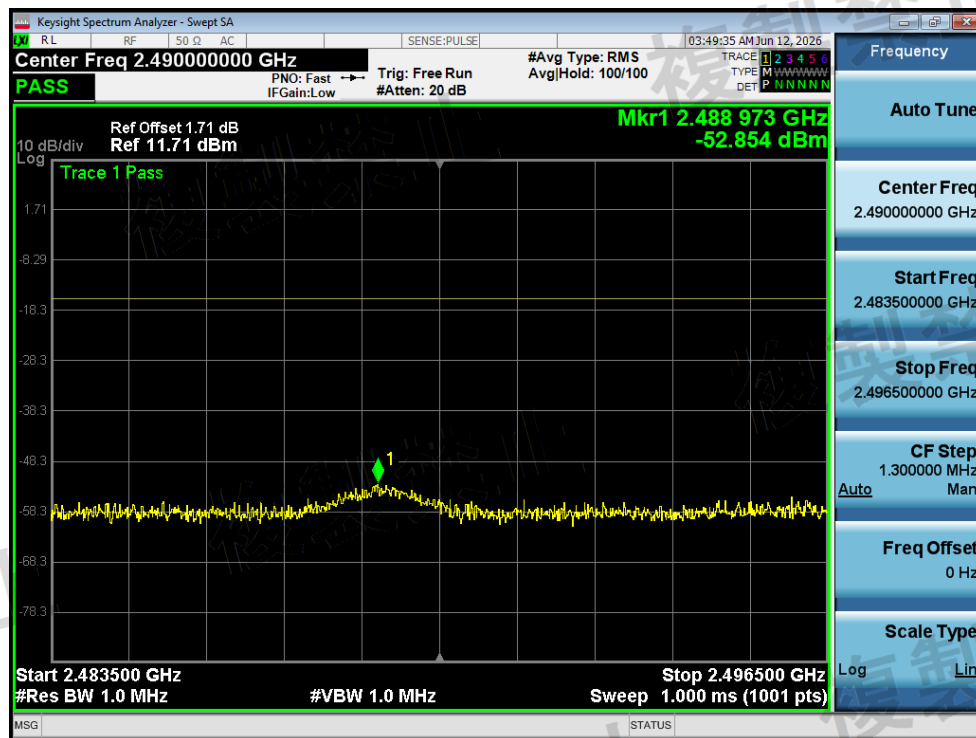
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 @ 30MHz-1000MHz



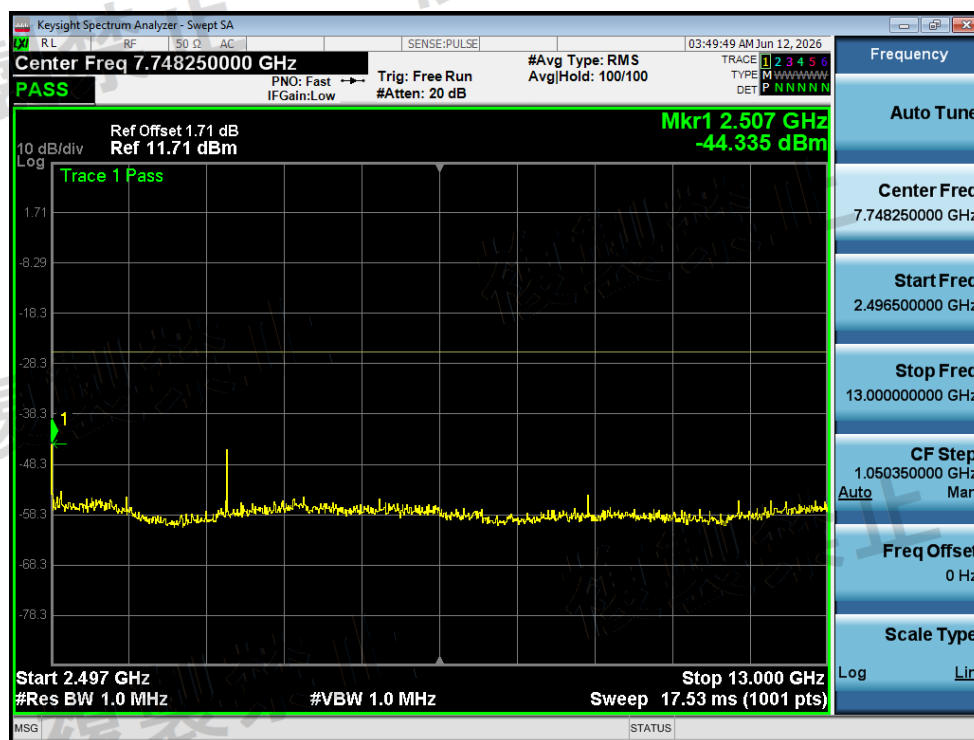
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 @ 1000MHz-2387MHz



Tx. Spurious NVNT 3-DH5 2441MHz Ant1 @ 2387MHz-2400MHz



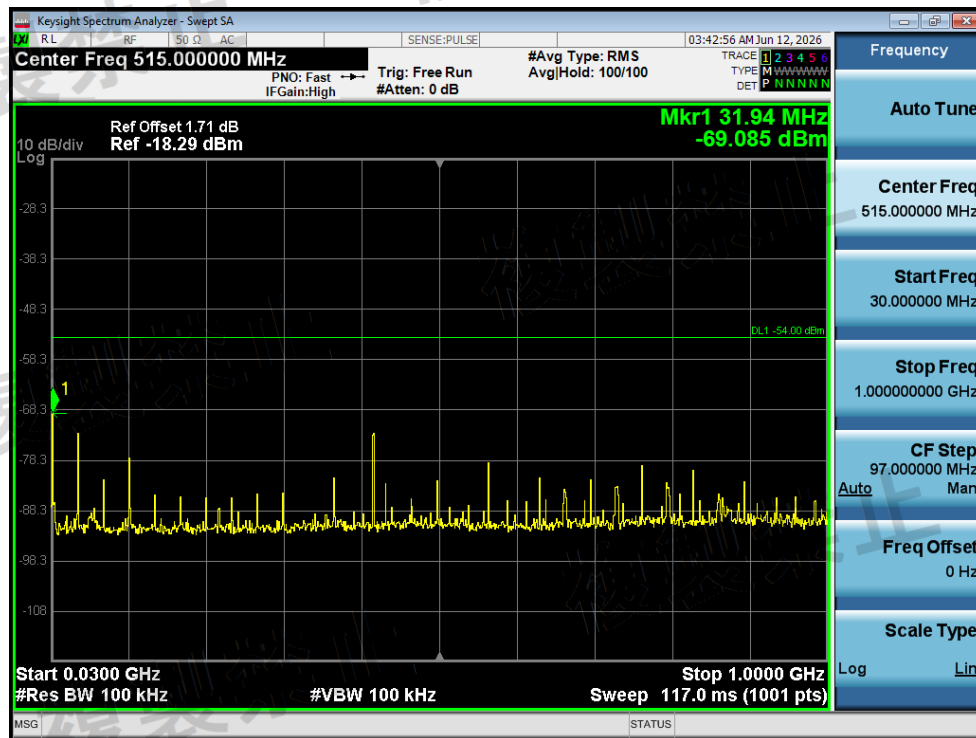
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 @ 2483.5MHz-2496.5MHz



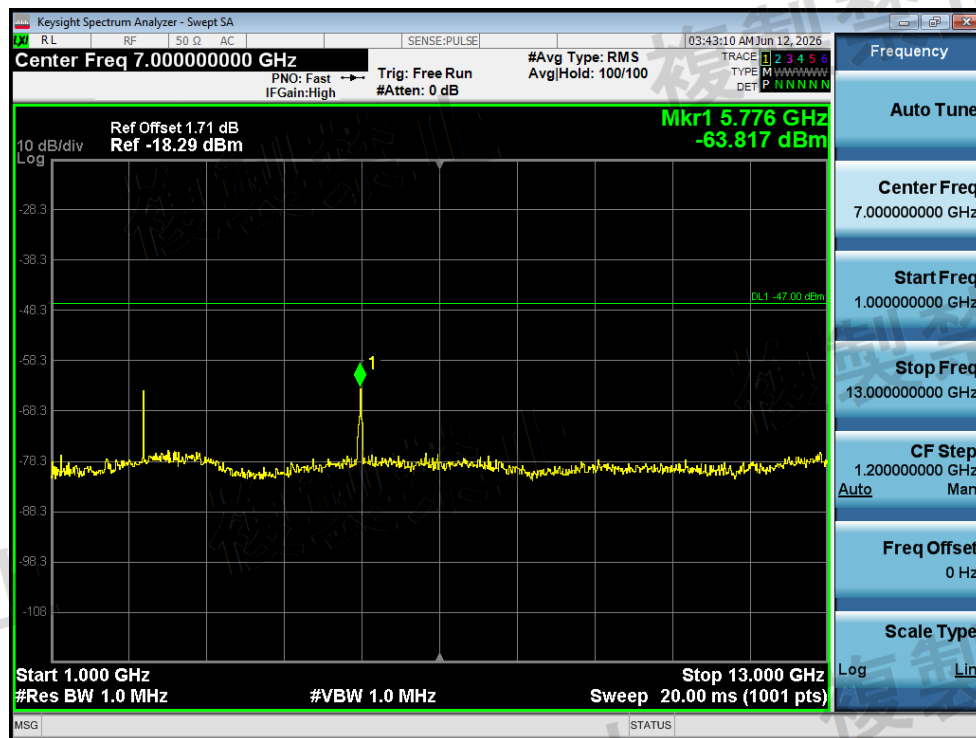
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 @ 2496.5MHz-13000MHz

6. Rx Spurious Emission

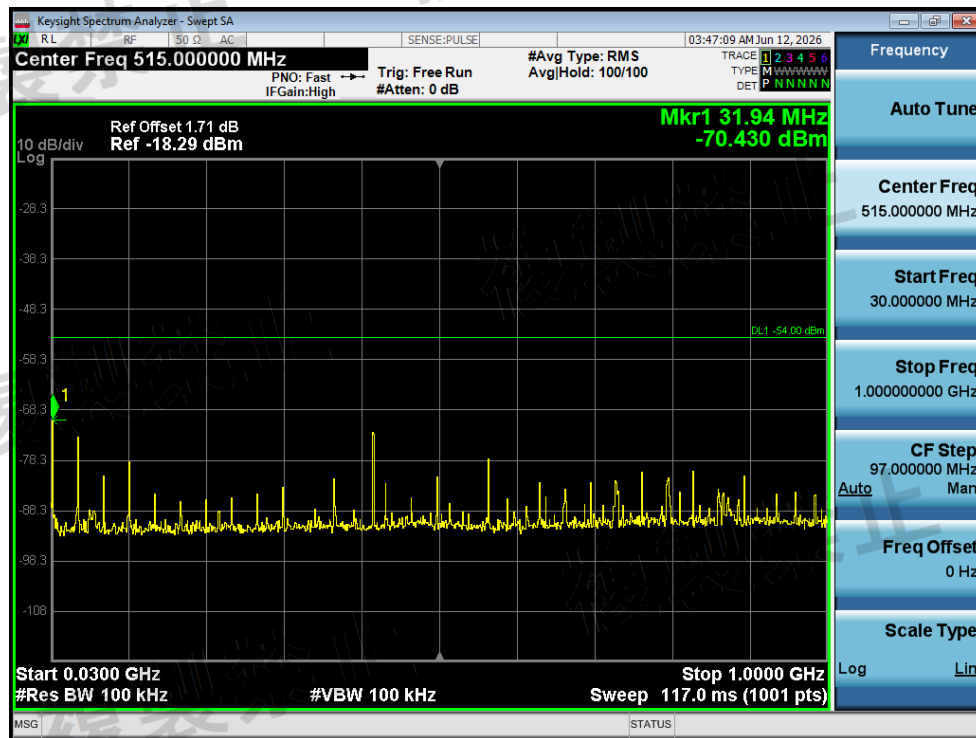
Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Emission Frequency (MHz)	Max Value (dBm)	Max Value (nW)	Limit (dBm)	Verdict
NVNT	1-DH5	Hopping	Ant1	30-1000	31.94	-69.08	0.124	4	Pass
NVNT	1-DH5	Hopping	Ant1	1000-13000	5776	-63.82	0.41	20	Pass
NVNT	2-DH5	Hopping	Ant1	30-1000	31.94	-70.43	0.091	4	Pass
NVNT	2-DH5	Hopping	Ant1	1000-13000	5740	-67.27	0.19	20	Pass
NVNT	3-DH5	Hopping	Ant1	30-1000	31.94	-69.57	0.110	4	Pass
NVNT	3-DH5	Hopping	Ant1	1000-13000	5740	-58.74	1.34	20	Pass



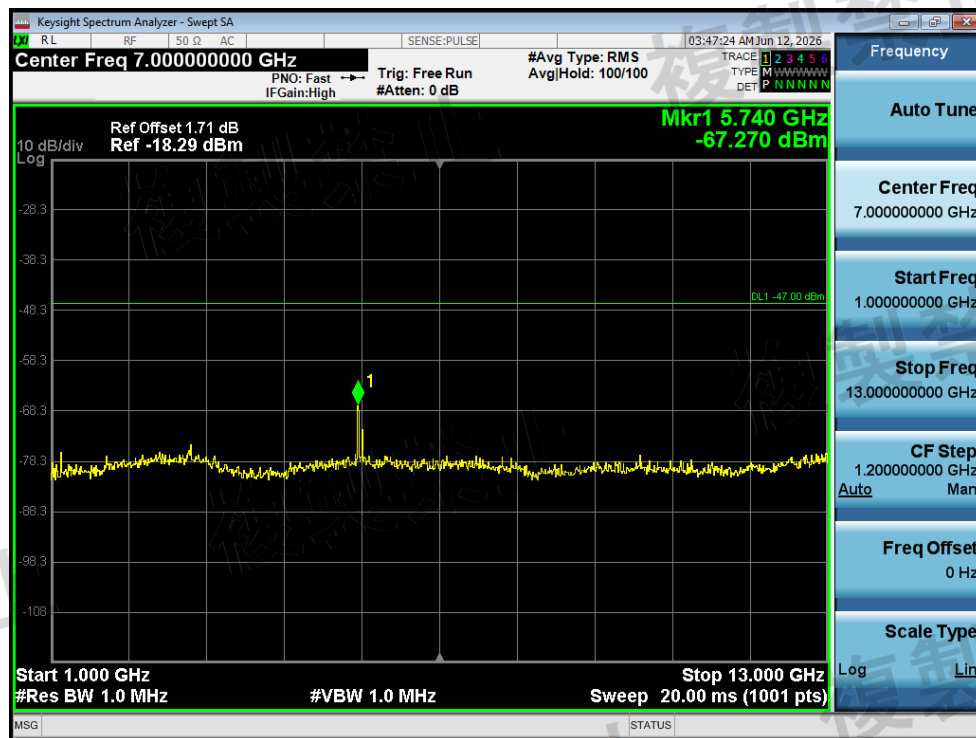
Rx. Spurious NVNT 1-DH5 2441MHz Ant1 @ 30MHz-1000MHz



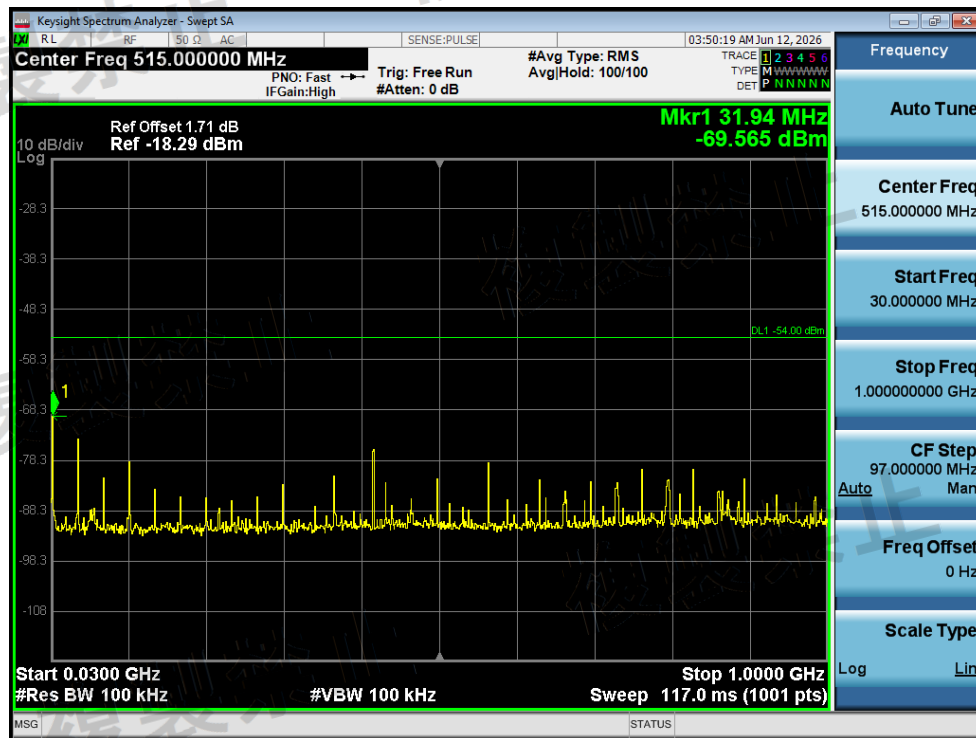
Rx. Spurious NVNT 1-DH5 2441MHz Ant1 @ 1000MHz-13000MHz



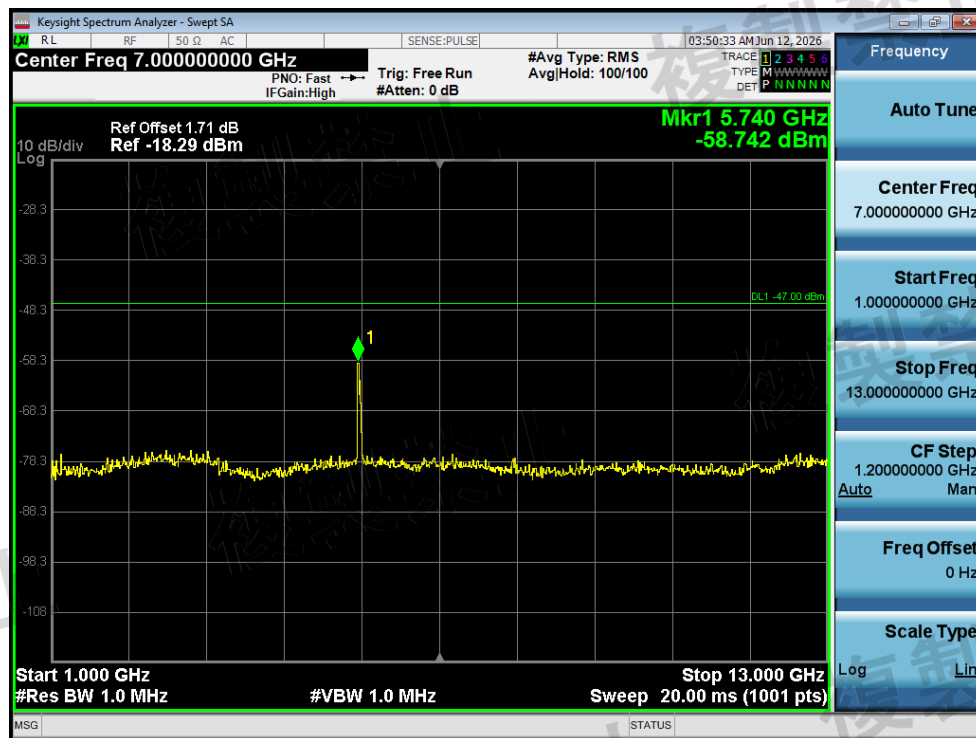
Rx. Spurious NVNT 2-DH5 2441MHz Ant1 @ 30MHz-1000MHz



Rx. Spurious NVNT 2-DH5 2441MHz Ant1 @ 1000MHz-13000MHz



Rx. Spurious NVNT 3-DH5 2441MHz Ant1 @ 30MHz-1000MHz



Rx. Spurious NVNT 3-DH5 2441MHz Ant1 @ 1000MHz-13000MHz