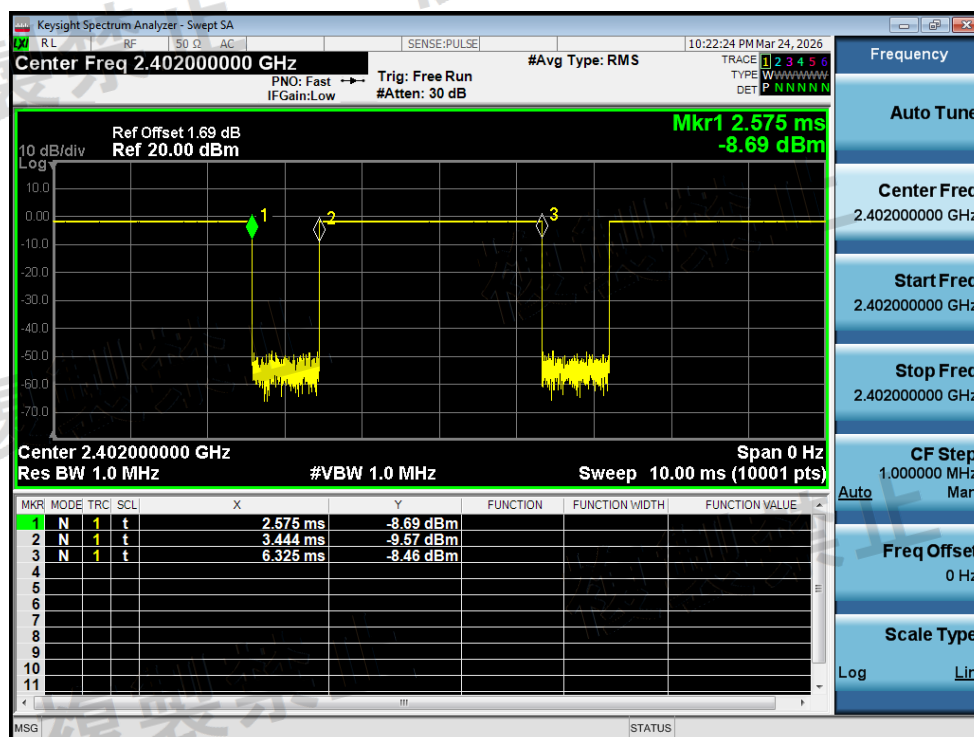


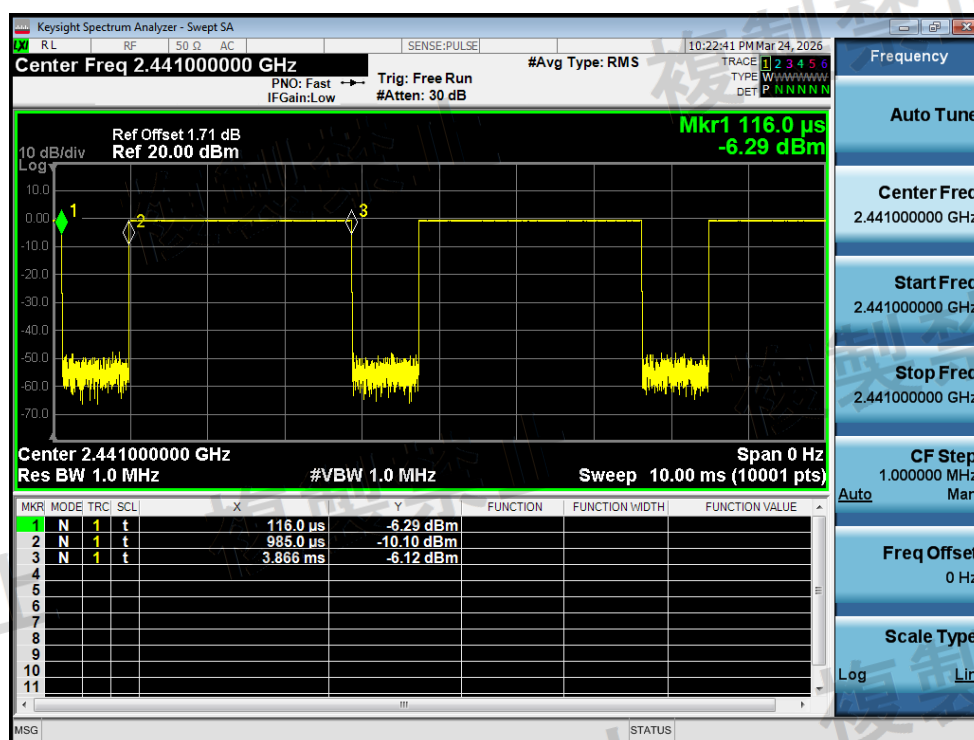
Appendix B of Test Report

1. Duty Cycle

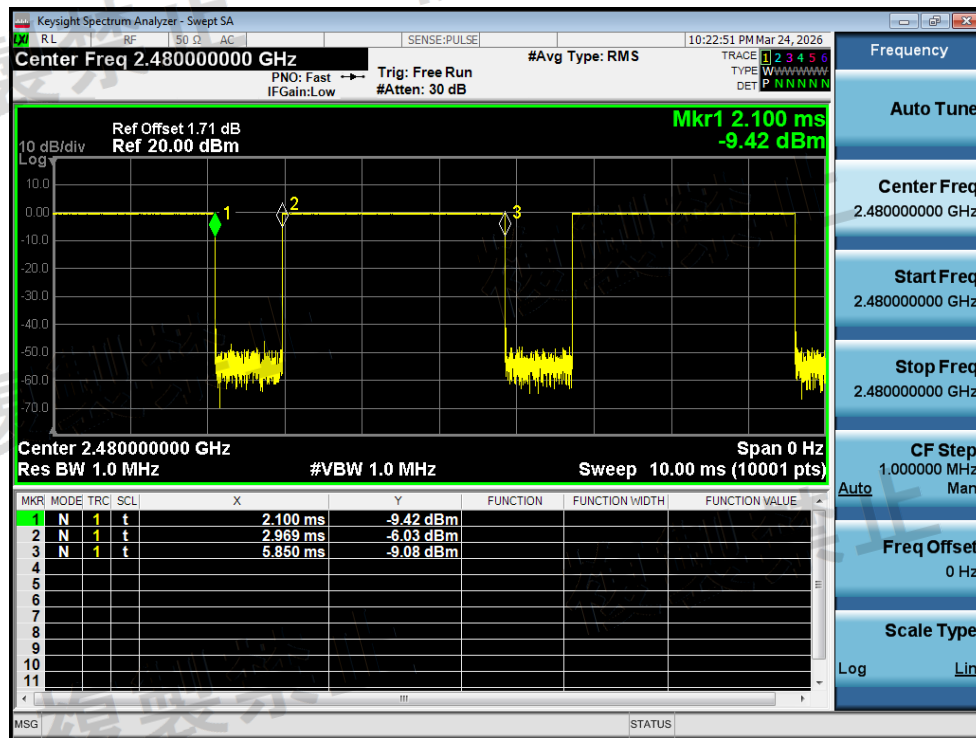
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	1-DH5	2402	Ant1	76.83	1.14	0.35
NVNT	1-DH5	2441	Ant1	76.83	1.14	0.35
NVNT	1-DH5	2480	Ant1	76.83	1.14	0.35
NVNT	2-DH5	2402	Ant1	76.99	1.14	0.35
NVNT	2-DH5	2441	Ant1	77.01	1.13	0.35
NVNT	2-DH5	2480	Ant1	77.01	1.13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



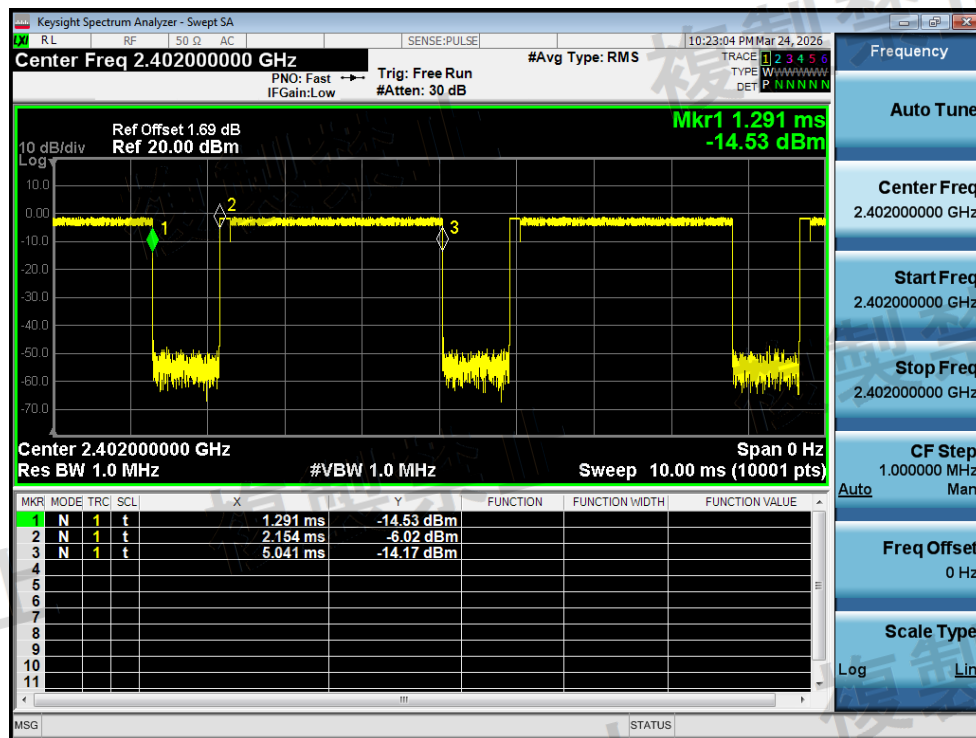
Duty Cycle NVNT 1-DH5 2402MHz Ant1



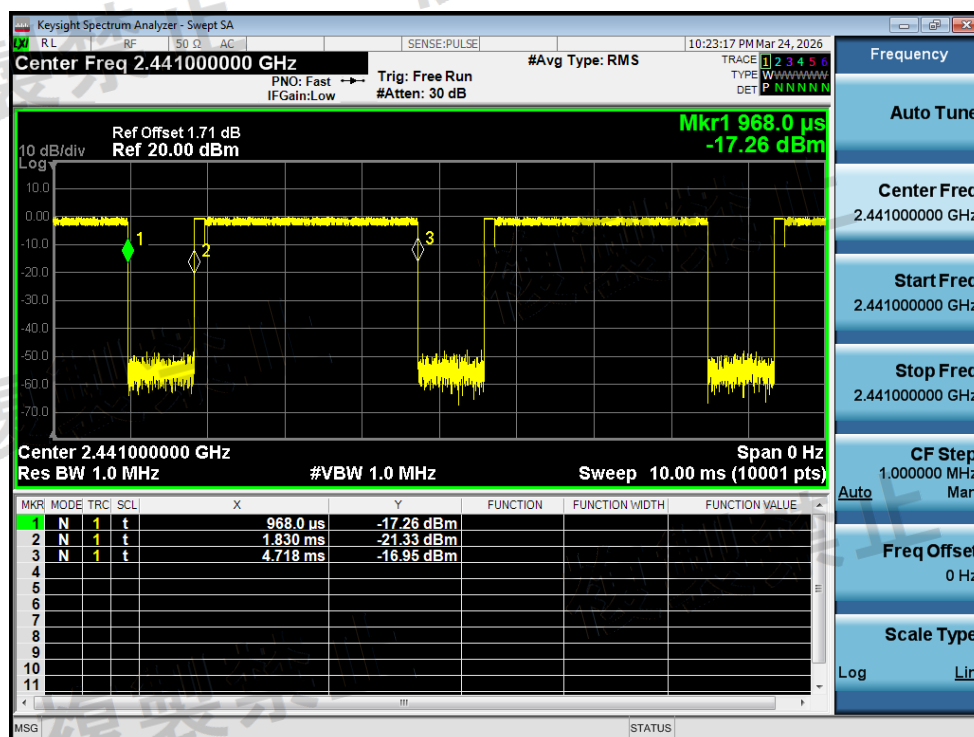
Duty Cycle NVNT 1-DH5 2441MHz Ant1



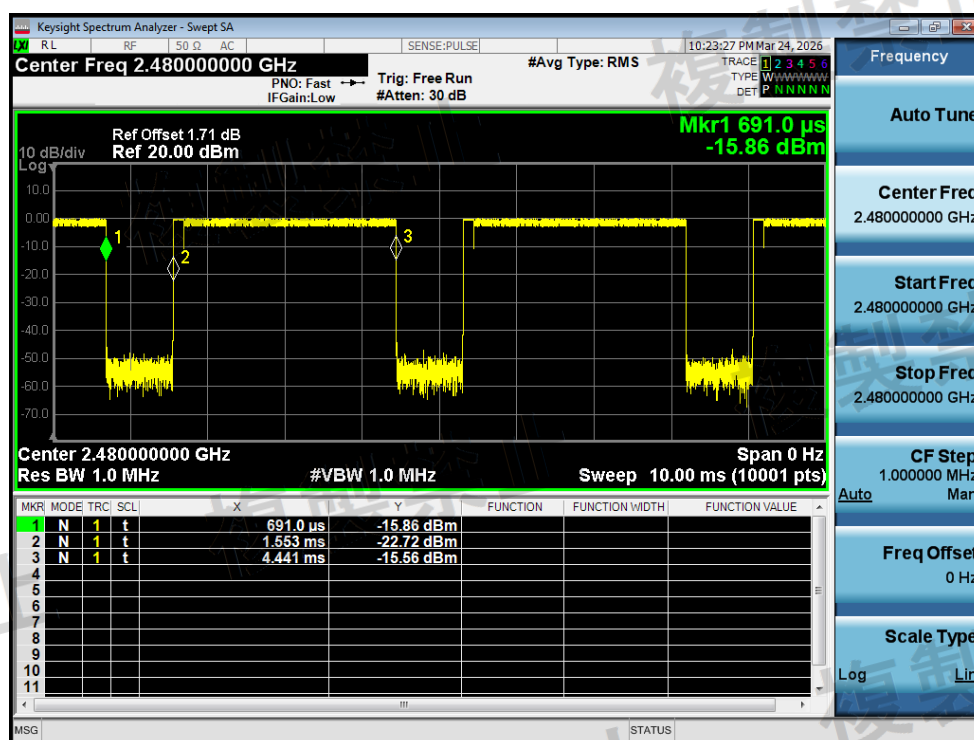
Duty Cycle NVNT 1-DH5 2480MHz Ant1



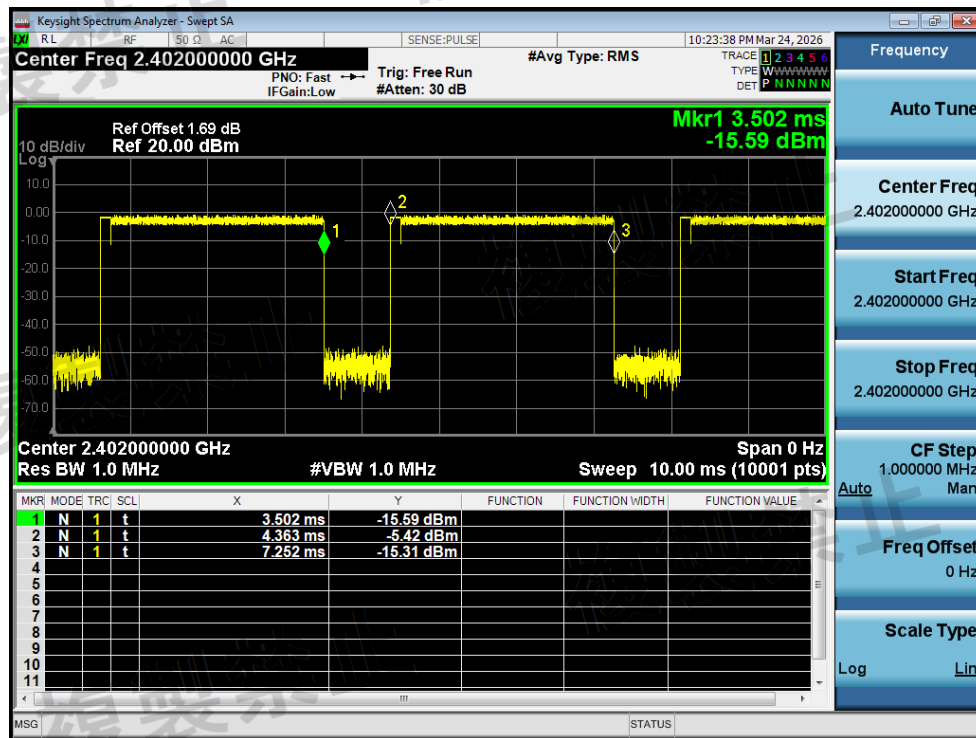
Duty Cycle NVNT 2-DH5 2402MHz Ant1



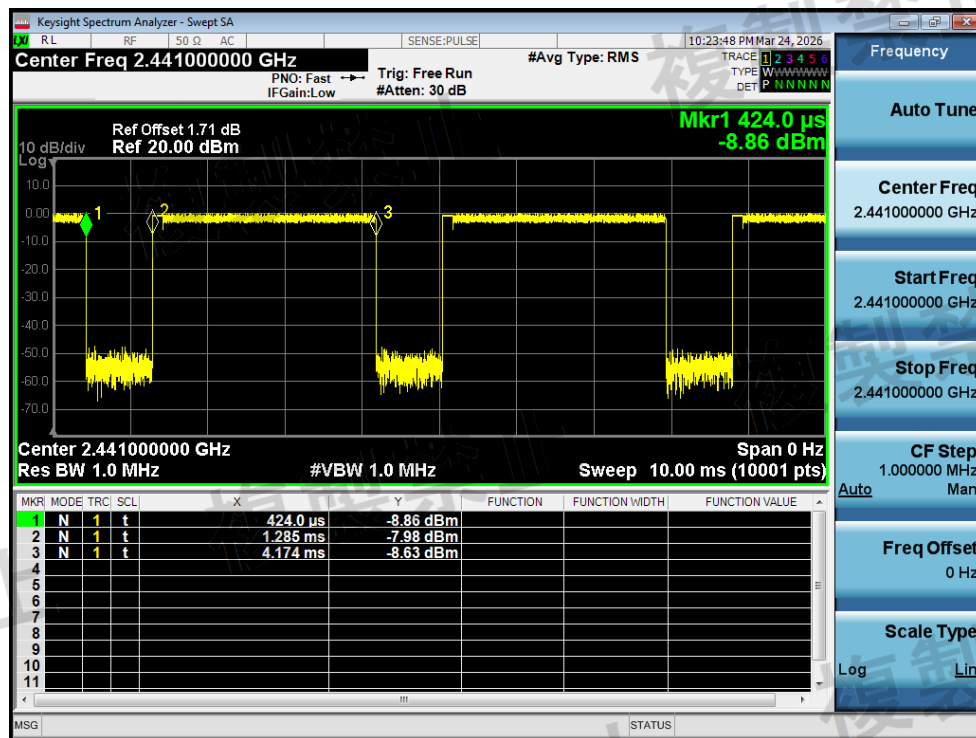
Duty Cycle NVNT 2-DH5 2441MHz Ant1



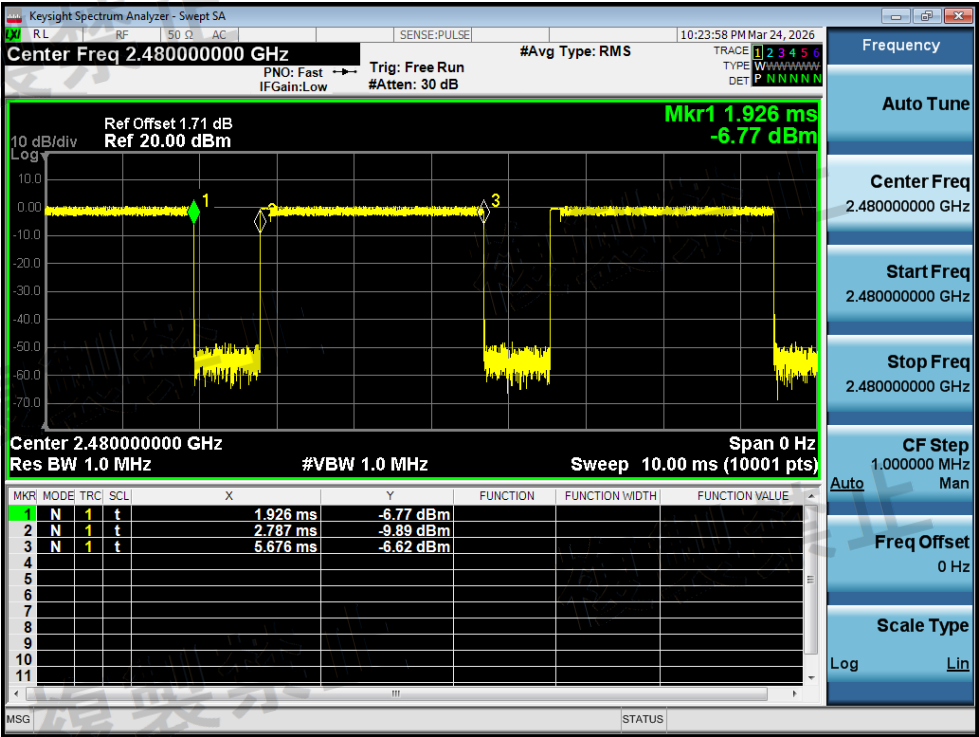
Duty Cycle NVNT 2-DH5 2480MHz Ant1



Duty Cycle NVNT 3-DH5 2402MHz Ant1



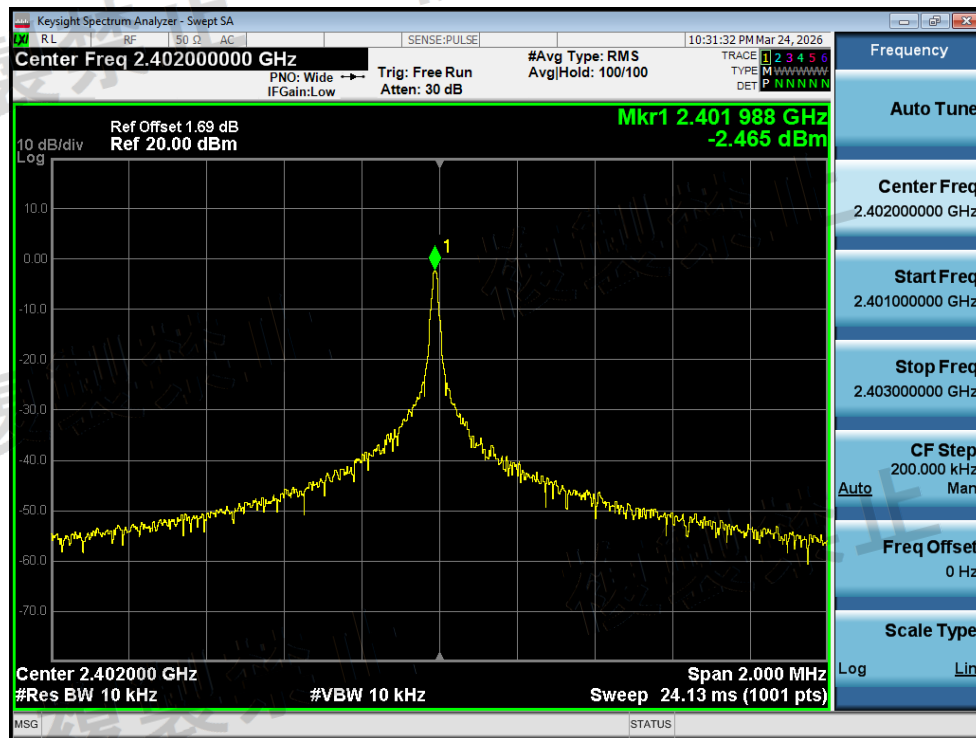
Duty Cycle NVNT 3-DH5 2441MHz Ant1



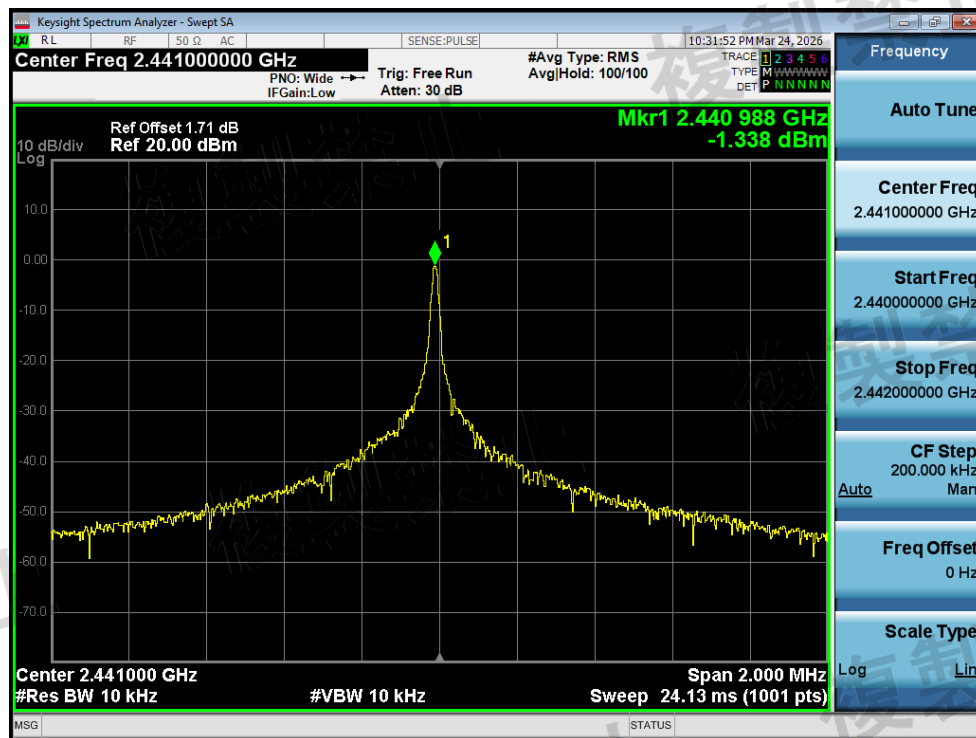
Duty Cycle NVNT 3-DH5 2480MHz Ant1

2. Frequency Error

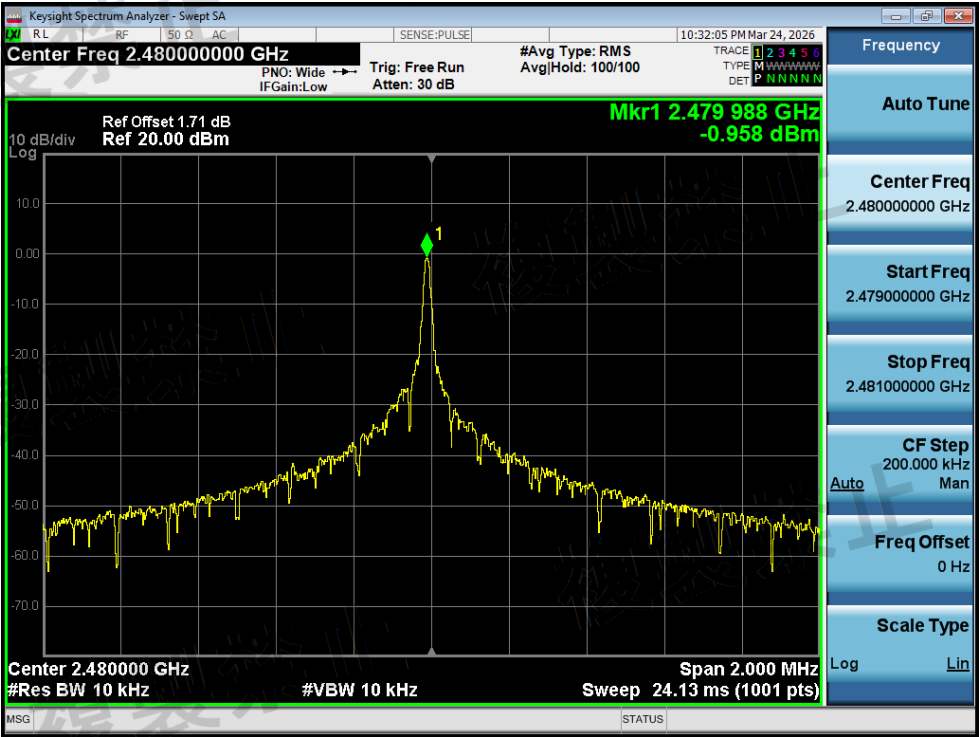
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	1-DH5	2402	Ant1	2401.988	-12000	-5	±50	Pass
NVNT	1-DH5	2441	Ant1	2440.988	-12000	-4.92	±50	Pass
NVNT	1-DH5	2480	Ant1	2479.988	-12000	-4.84	±50	Pass



Freq. Error NVNT 1-DH5 2402MHz Ant1



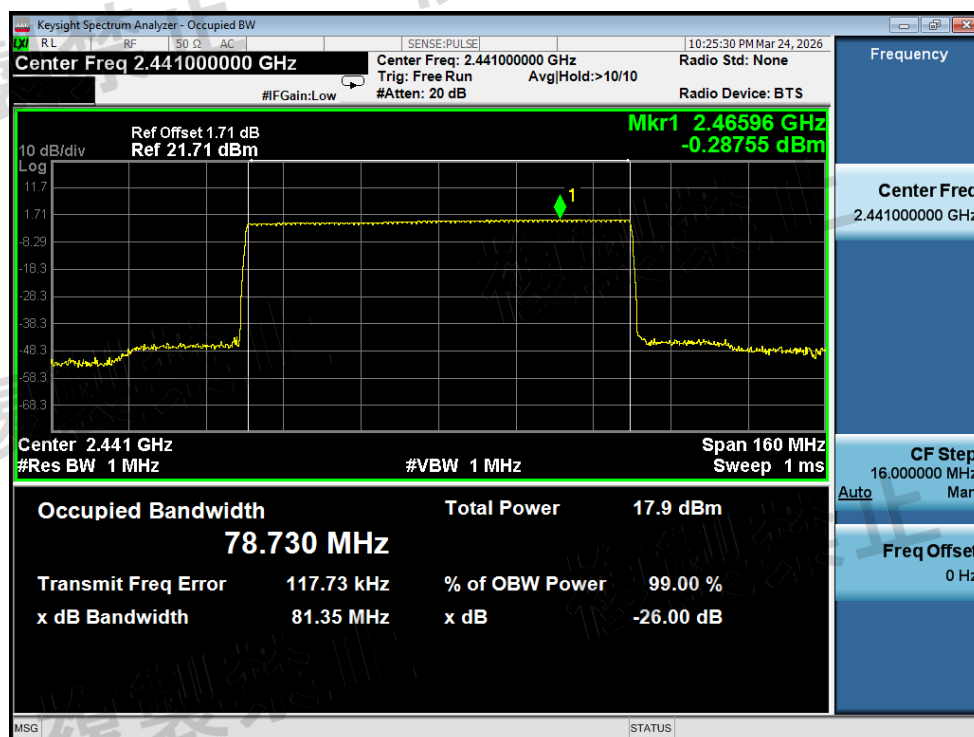
Freq. Error NVNT 1-DH5 2441MHz Ant1



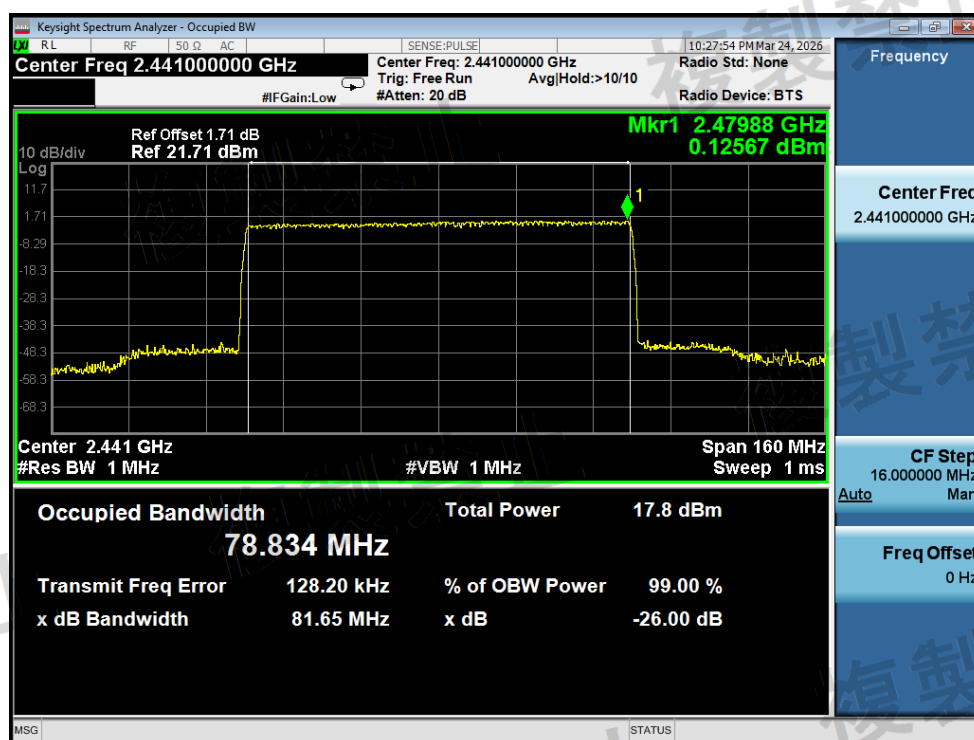
Freq. Error NVNT 1-DH5 2480MHz Ant1

3. Occupied Channel Bandwidth (Hopping)

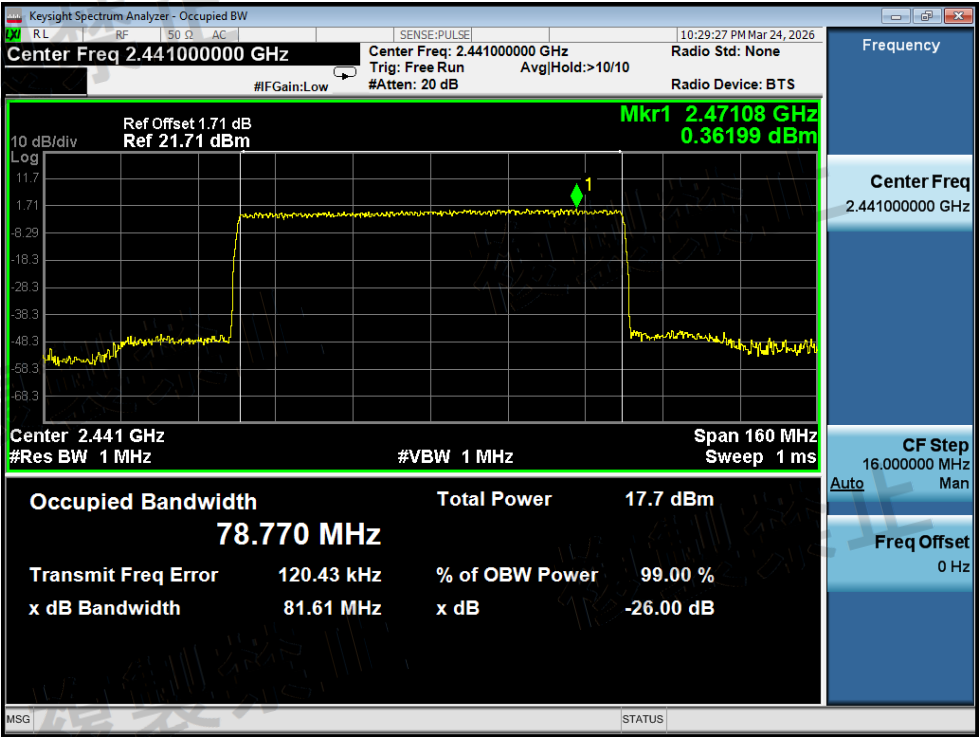
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	1-DH5	2441	Ant1	78.73
NVNT	2-DH5	2441	Ant1	78.834
NVNT	3-DH5	2441	Ant1	78.77



OBW (Hopping) NVNT 1-DH5 2441MHz Ant1



OBW (Hopping) NVNT 2-DH5 2441MHz Ant1



OBW (Hopping) NVNT 3-DH5 2441MHz Ant1

4. Spreading Bandwidth

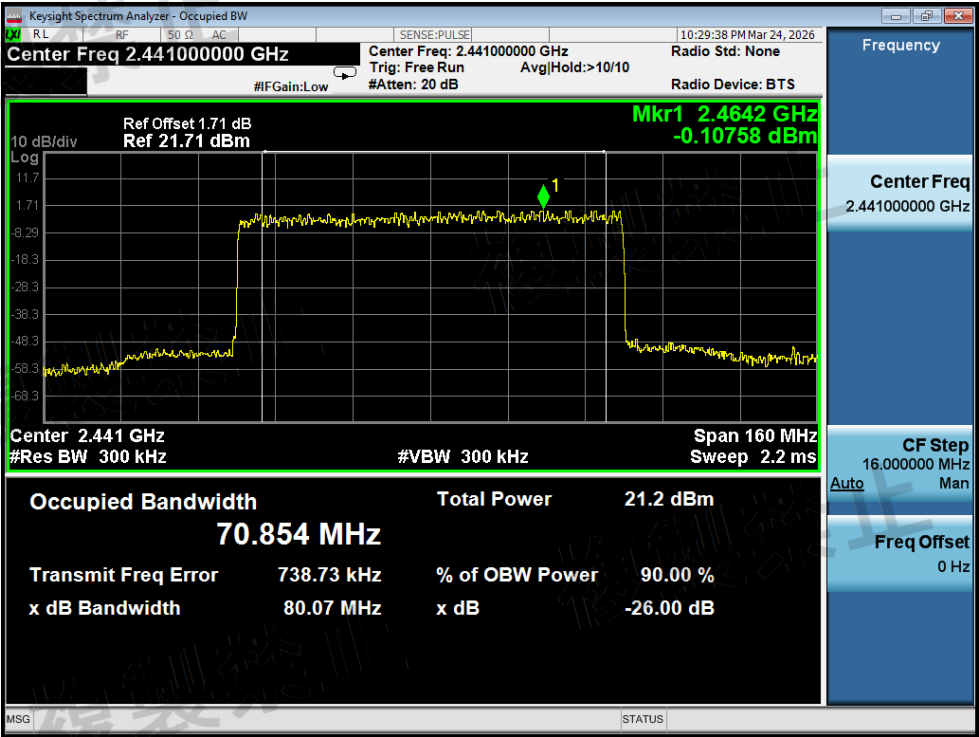
Condition	Mode	Frequency (MHz)	Antenna	90% OBW (MHz)	Limit (MHz)	Verdict
NVNT	1-DH5	2441	Ant1	70.75	0.5	Pass
NVNT	2-DH5	2441	Ant1	70.77	0.5	Pass
NVNT	3-DH5	2441	Ant1	70.854	0.5	Pass



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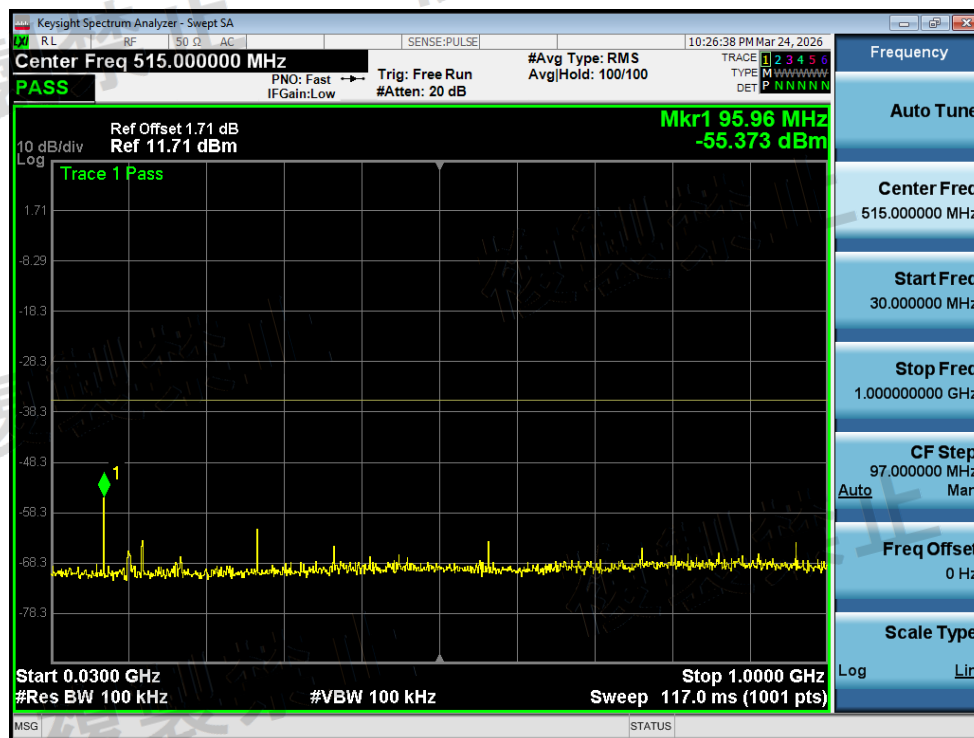
Spreading Bandwidth NVNT 3-DH5 2441MHz Ant1

5. Tx Spurious Emission

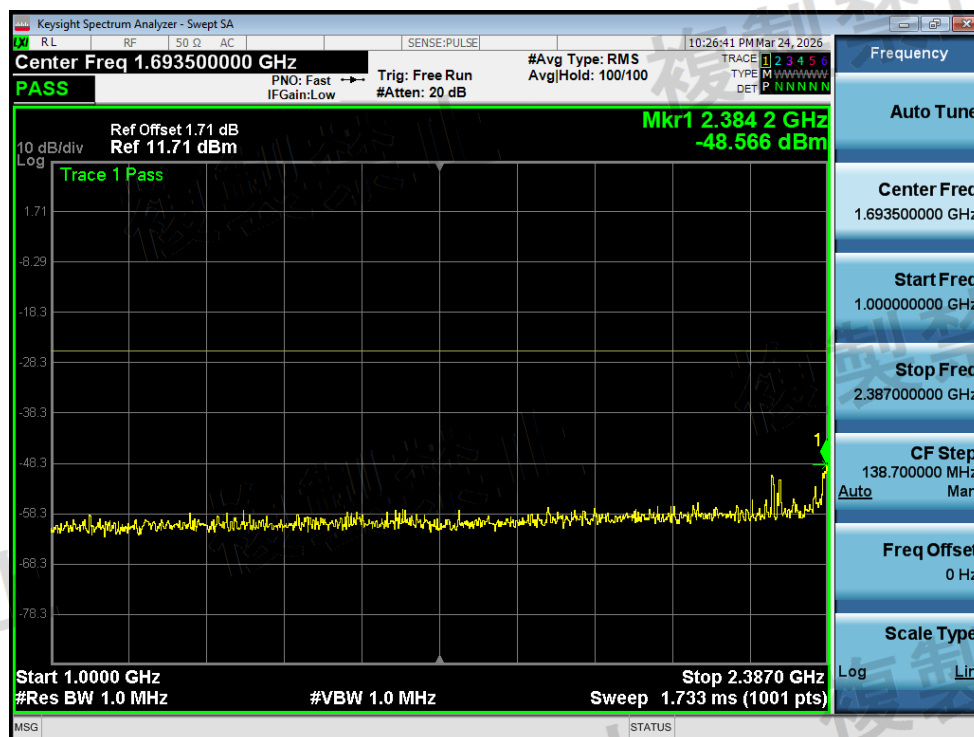
Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Emission Frequency (MHz)	Max Value (dBm)	Max Value (μ W/ MHz)	Limit (μ W/ MHz)	Verdict
NVNT	1-DH5	Hopping	Ant1	30-1000	95.96	-45.37	0.029	2.5	Pass
NVNT	1-DH5	Hopping	Ant1	1000-2387	2384.23	-48.57	0.014	2.5	Pass
NVNT	1-DH5	Hopping	Ant1	2387-2400	2399.96	-41.94	0.064	25	Pass
NVNT	1-DH5	Hopping	Ant1	2483.5-2496.5	2483.75	-44.37	0.037	25	Pass
NVNT	1-DH5	Hopping	Ant1	2496.5-13000	2559.52	-42.57	0.055	2.5	Pass
NVNT	2-DH5	Hopping	Ant1	30-1000	95.96	-45.26	0.03	2.5	Pass
NVNT	2-DH5	Hopping	Ant1	1000-2387	2385.61	-47.89	0.016	2.5	Pass
NVNT	2-DH5	Hopping	Ant1	2387-2400	2399.52	-45.77	0.026	25	Pass
NVNT	2-DH5	Hopping	Ant1	2483.5-2496.5	2494.21	-44.04	0.039	25	Pass
NVNT	2-DH5	Hopping	Ant1	2496.5-13000	2675.06	-46.04	0.025	2.5	Pass
NVNT	3-DH5	Hopping	Ant1	30-1000	288.02	-50.6	0.009	2.5	Pass
NVNT	3-DH5	Hopping	Ant1	1000-2387	2381.45	-47.92	0.016	2.5	Pass
NVNT	3-DH5	Hopping	Ant1	2387-2400	2399.99	-39.27	0.118	25	Pass
NVNT	3-DH5	Hopping	Ant1	2483.5-2496.5	2495.53	-44.16	0.038	25	Pass
NVNT	3-DH5	Hopping	Ant1	2496.5-13000	2538.51	-41.07	0.078	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 10dbm to get the calculated data of RBW=1Mhz.

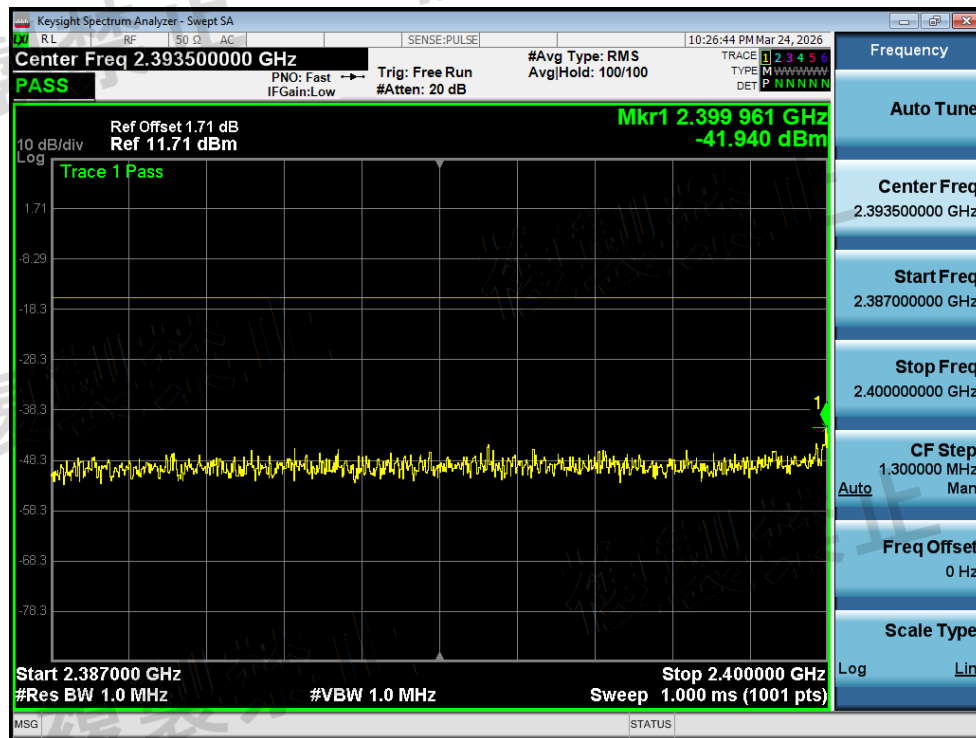
Note: The EUT was tuned to a low, middle, and high channel for all tests. For all test case pre/scans were completed in all modes to determine worst case under following operating condition



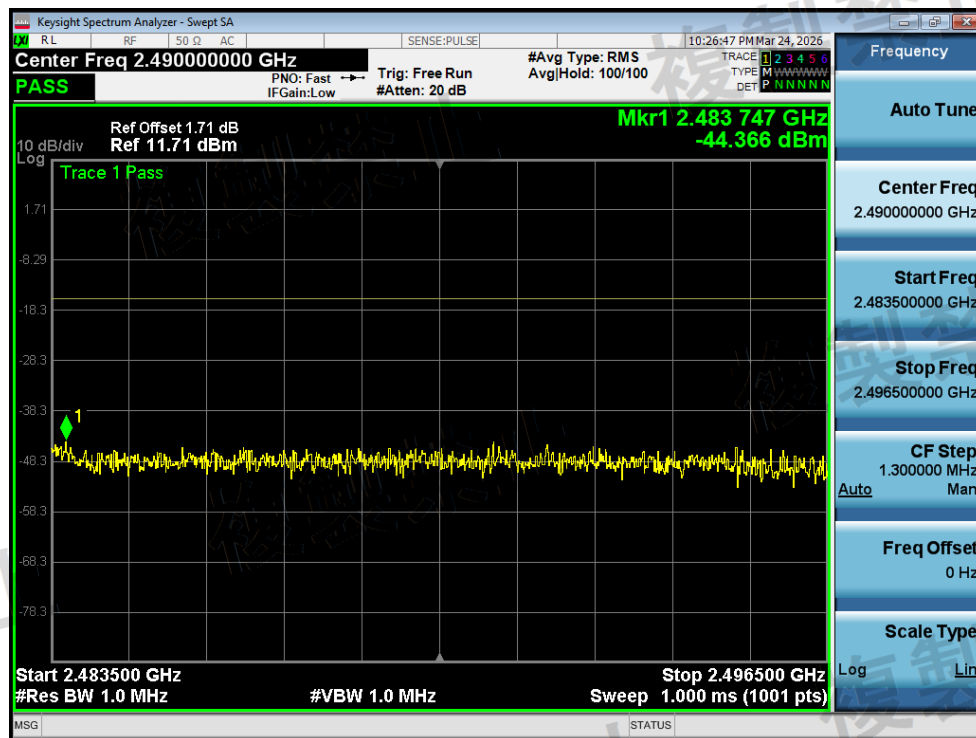
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 @ 30MHz-1000MHz



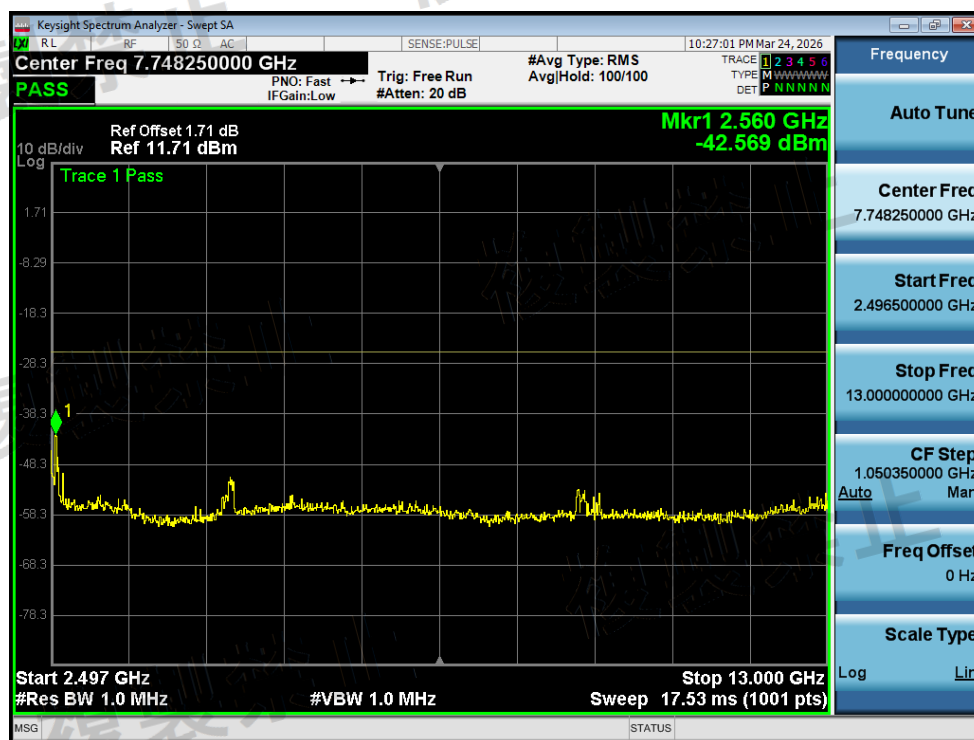
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 @ 1000MHz-2387MHz



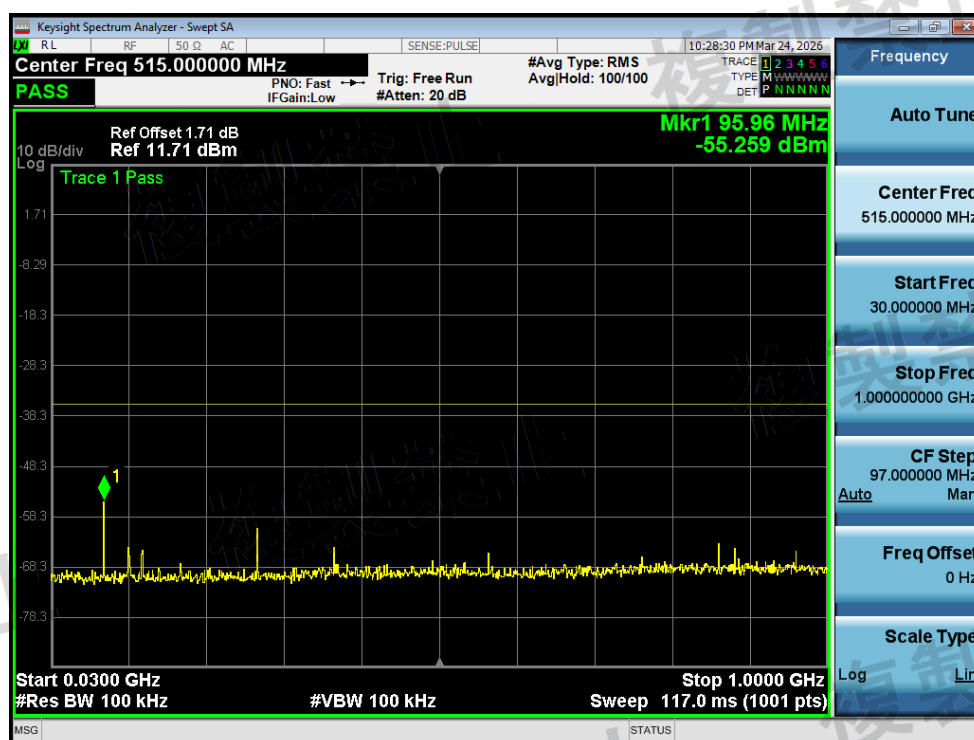
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 @ 2387MHz-2400MHz



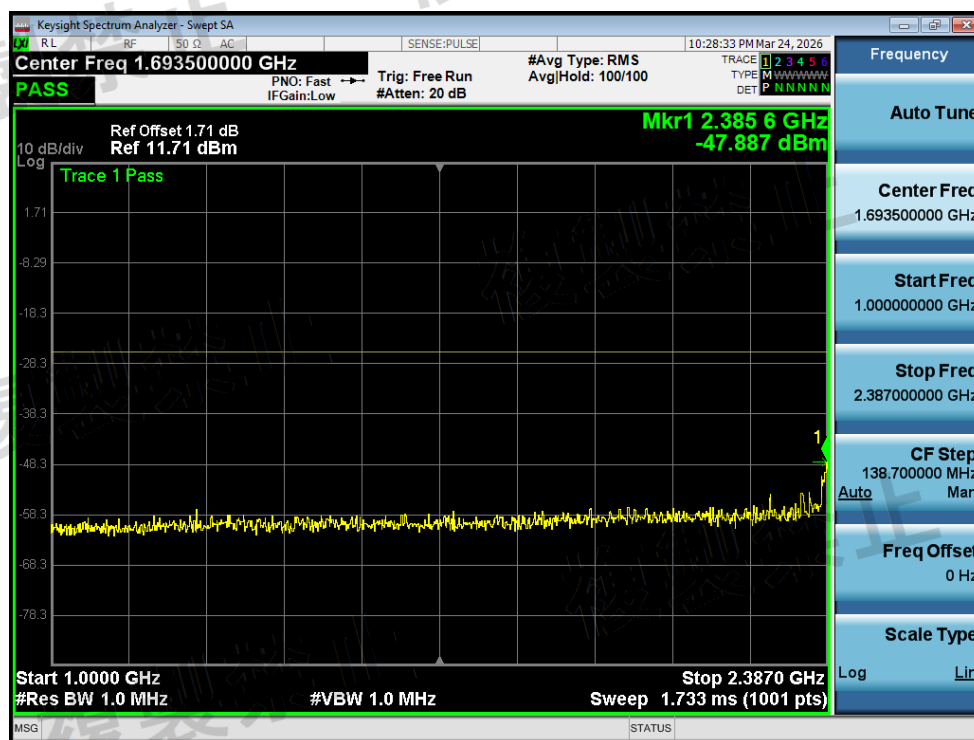
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 @ 2483.5MHz-2496.5MHz



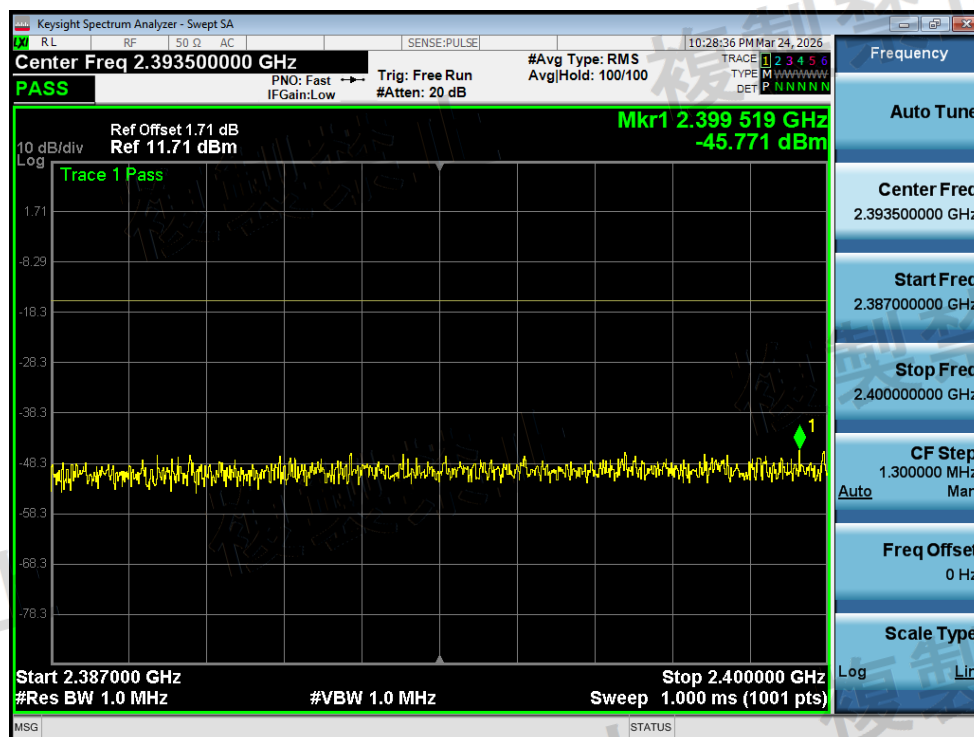
Tx. Spurious NVNT 1-DH5 2441MHz Ant1 @ 2496.5MHz-13000MHz



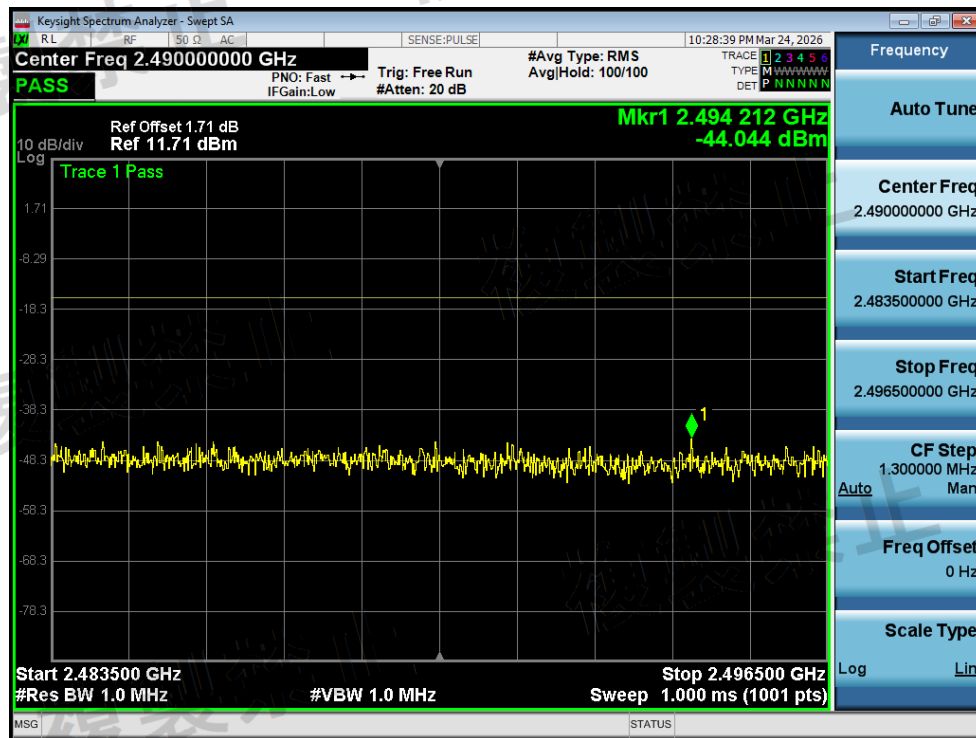
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 @ 30MHz-1000MHz



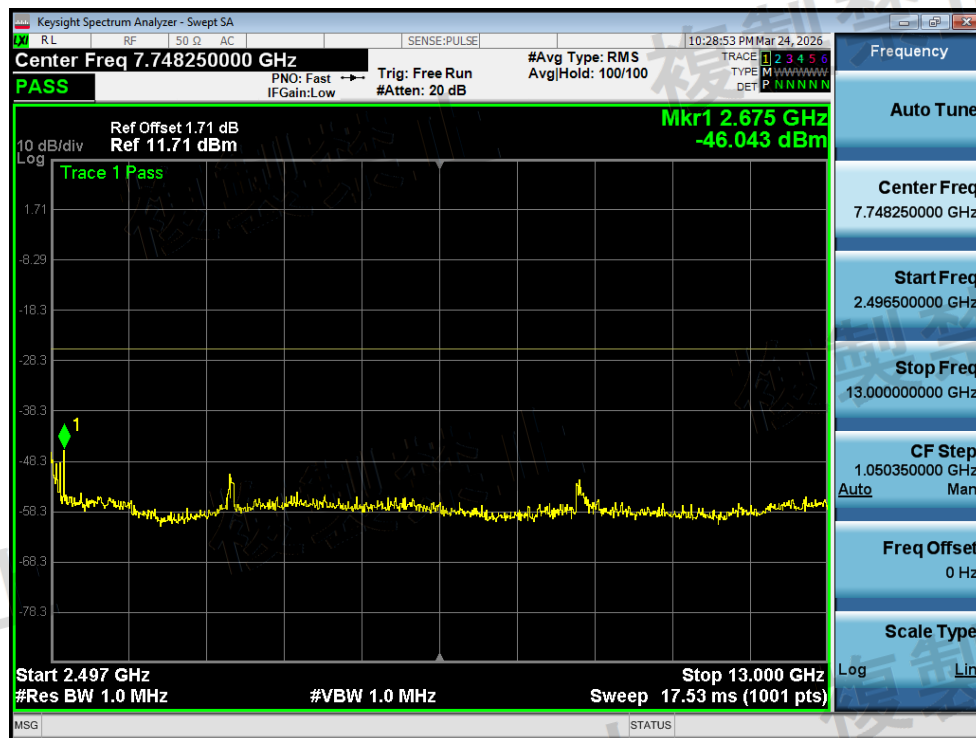
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 @ 1000MHz-2387MHz



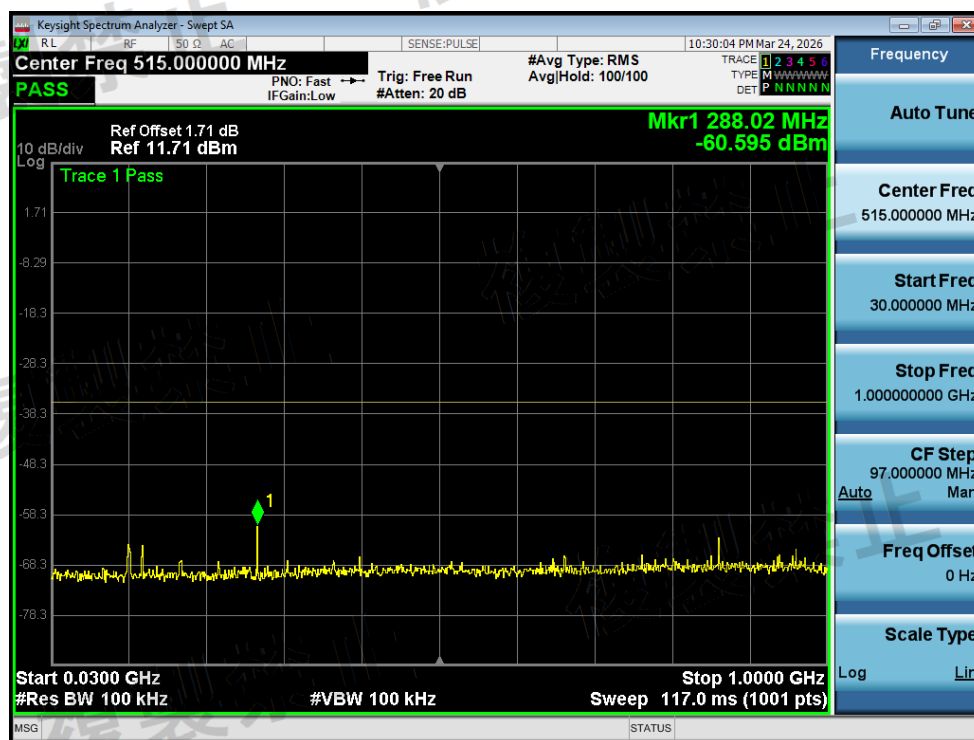
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 @ 2387MHz-2400MHz



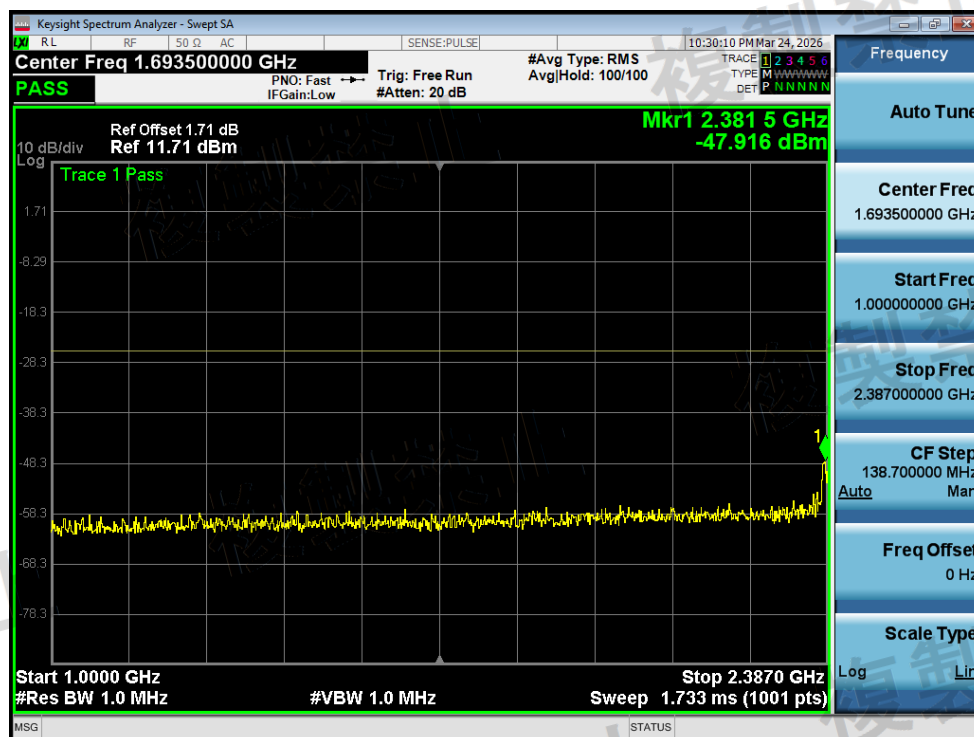
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 @ 2483.5MHz-2496.5MHz



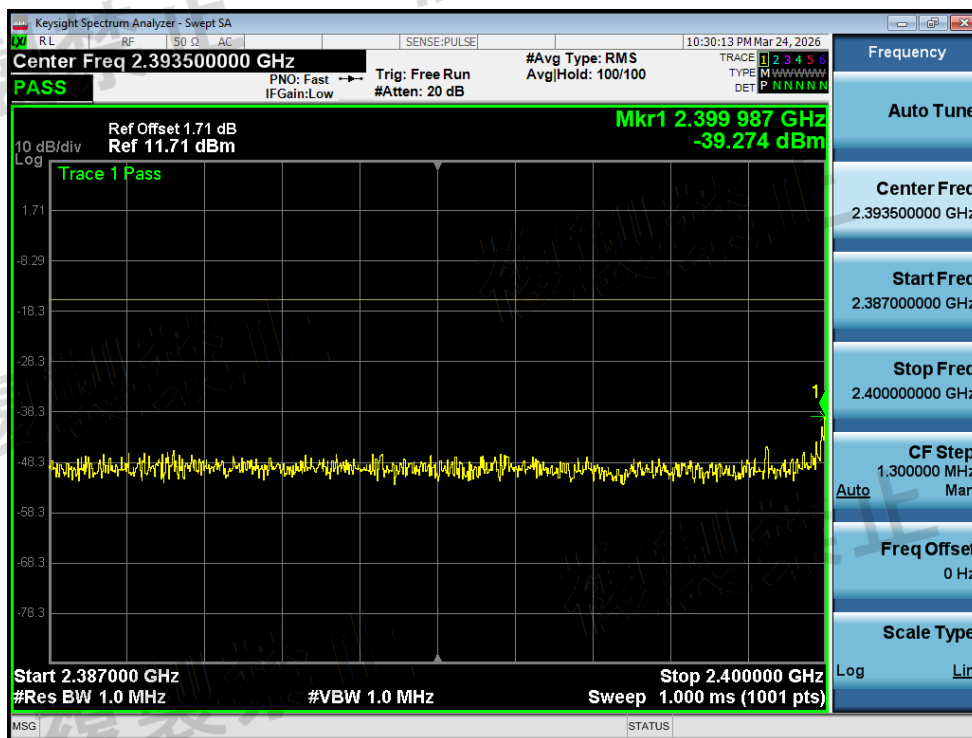
Tx. Spurious NVNT 2-DH5 2441MHz Ant1 @ 2496.5MHz-13000MHz



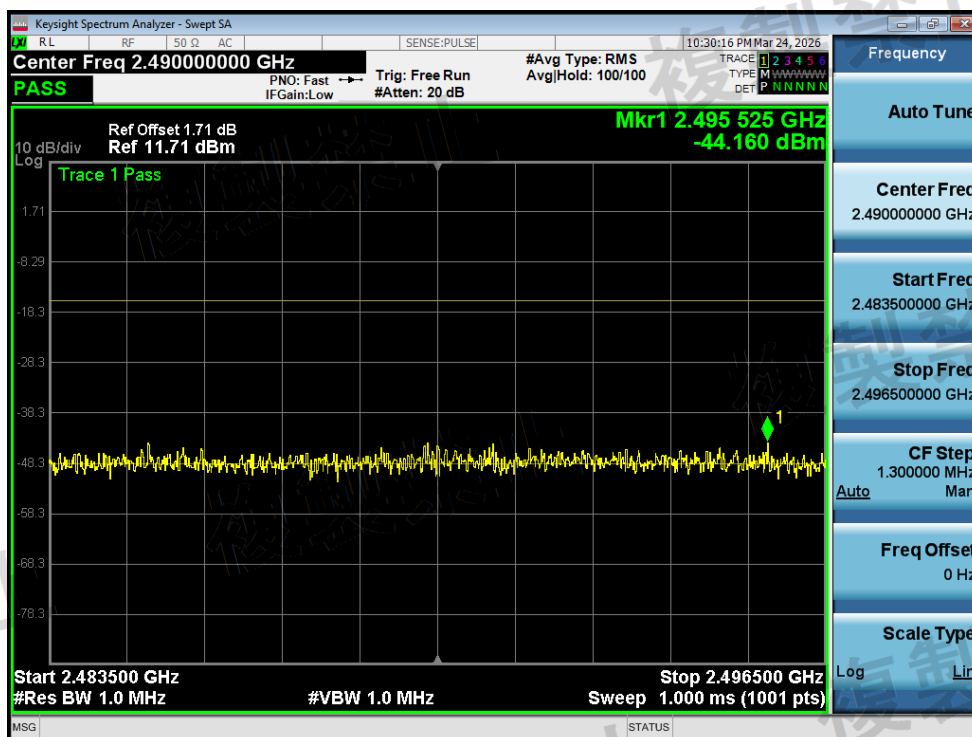
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 @ 30MHz-1000MHz



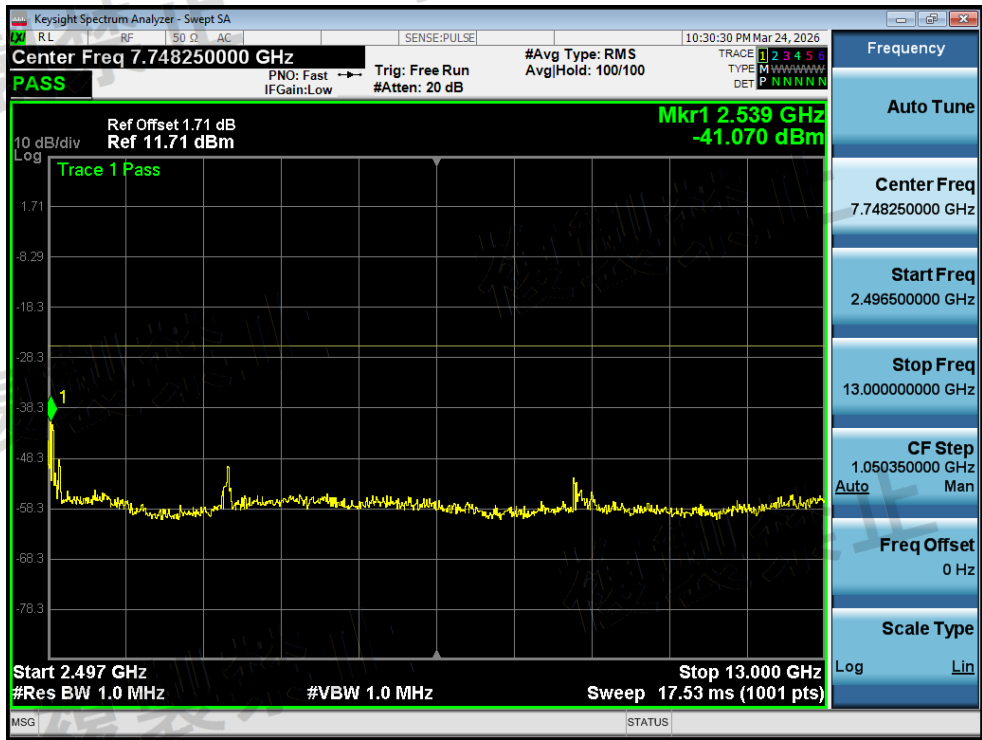
Tx. Spurious NVNT 3-DH5 2441MHz Ant1 @ 1000MHz-2387MHz



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



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

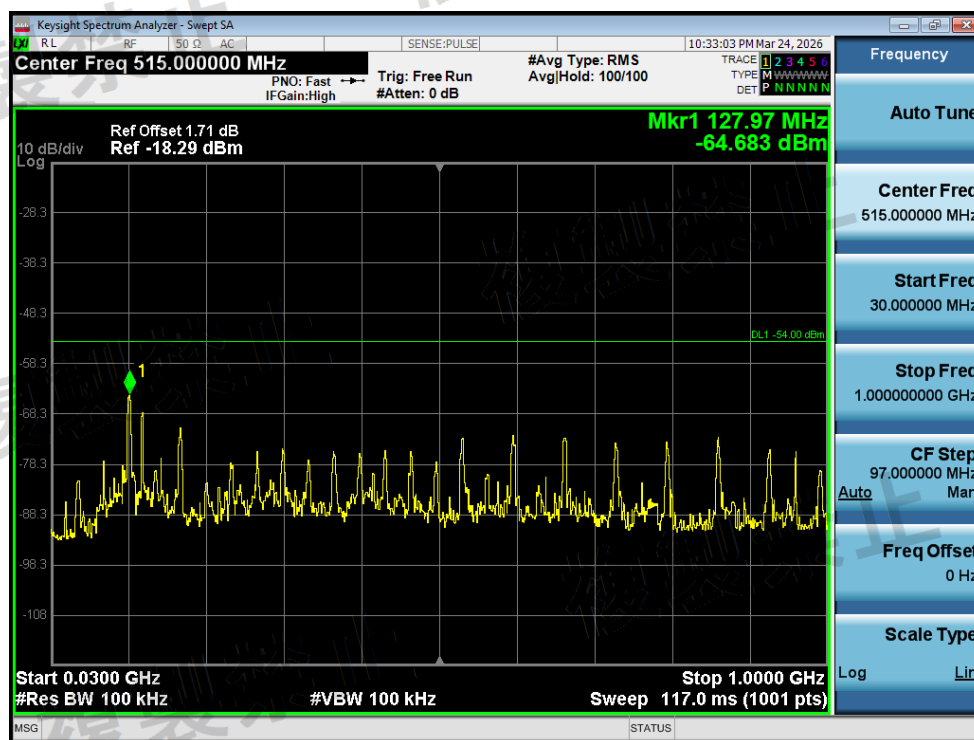


Tx. Spurious NVNT 3-DH5 2441MHz Ant1 @ 2496.5MHz-13000MHz

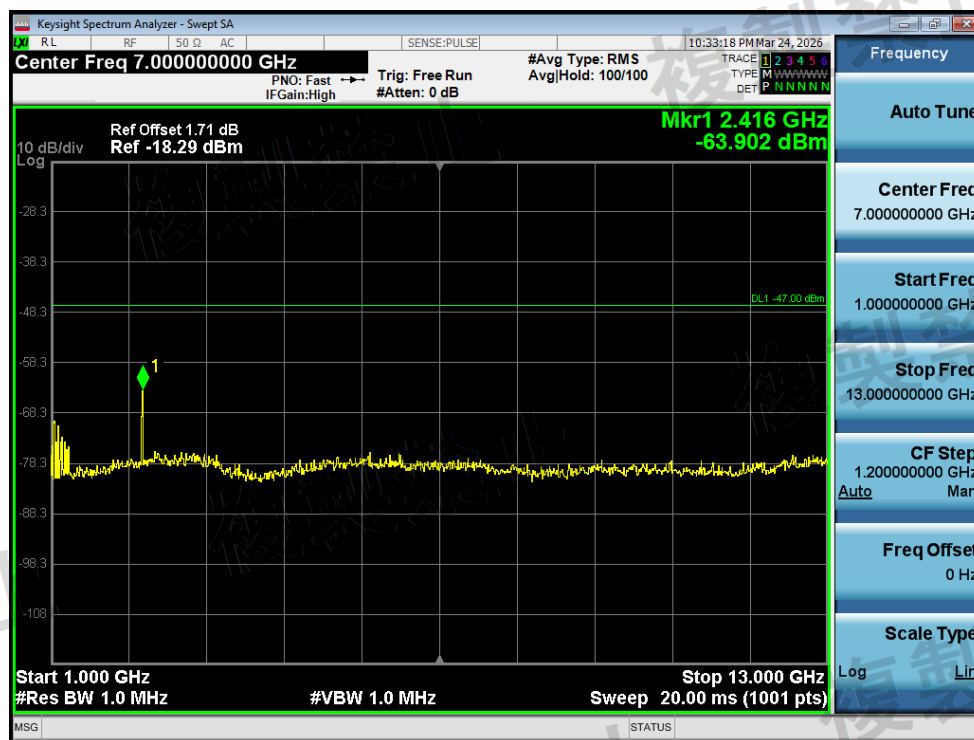
6. Rx Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Emission Frequency (MHz)	Max Value (dBm)	Max Value (nW)	Limit (nW)	Verdict
NVNT	1-DH5	Hopping	Ant1	30-1000	127.97	-64.68	0.34	4	Pass
NVNT	1-DH5	Hopping	Ant1	1000-13000	2416	-63.9	0.41	20	Pass
NVNT	2-DH5	Hopping	Ant1	30-1000	127.97	-64.68	0.34	4	Pass
NVNT	2-DH5	Hopping	Ant1	1000-13000	1120	-70.61	0.09	20	Pass
NVNT	3-DH5	Hopping	Ant1	30-1000	127.97	-64.64	0.344	4	Pass
NVNT	3-DH5	Hopping	Ant1	1000-13000	1060	-69.49	0.11	20	Pass

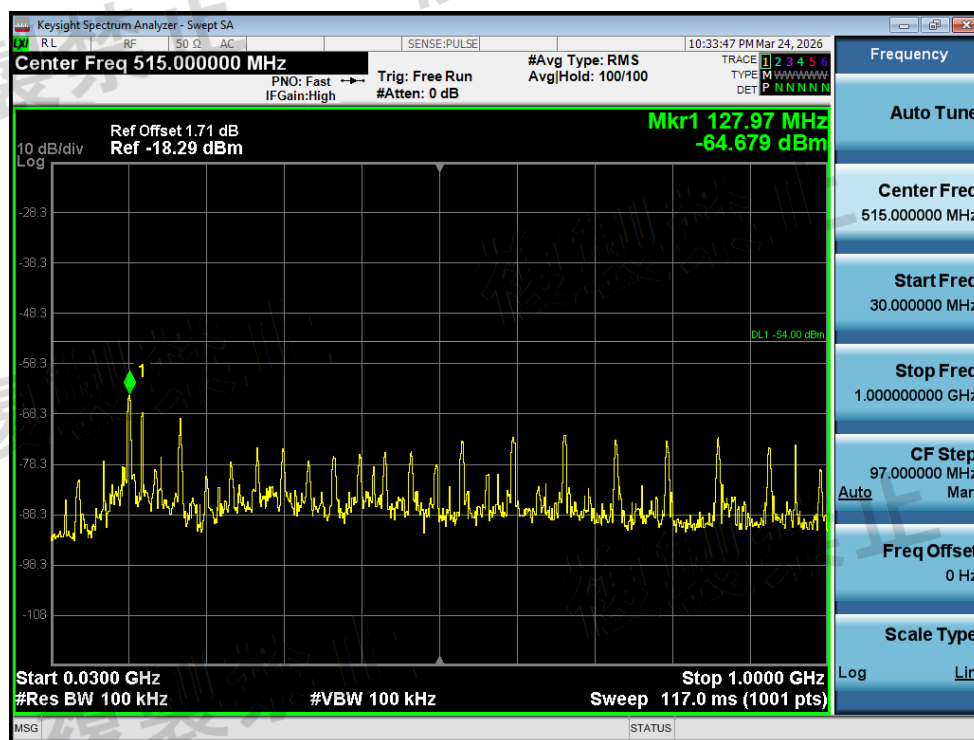
Note: The EUT was tuned to a low, middle, and high channel for all tests. For all test case pre/scans were completed in all modes to determine worst case under following operating condition



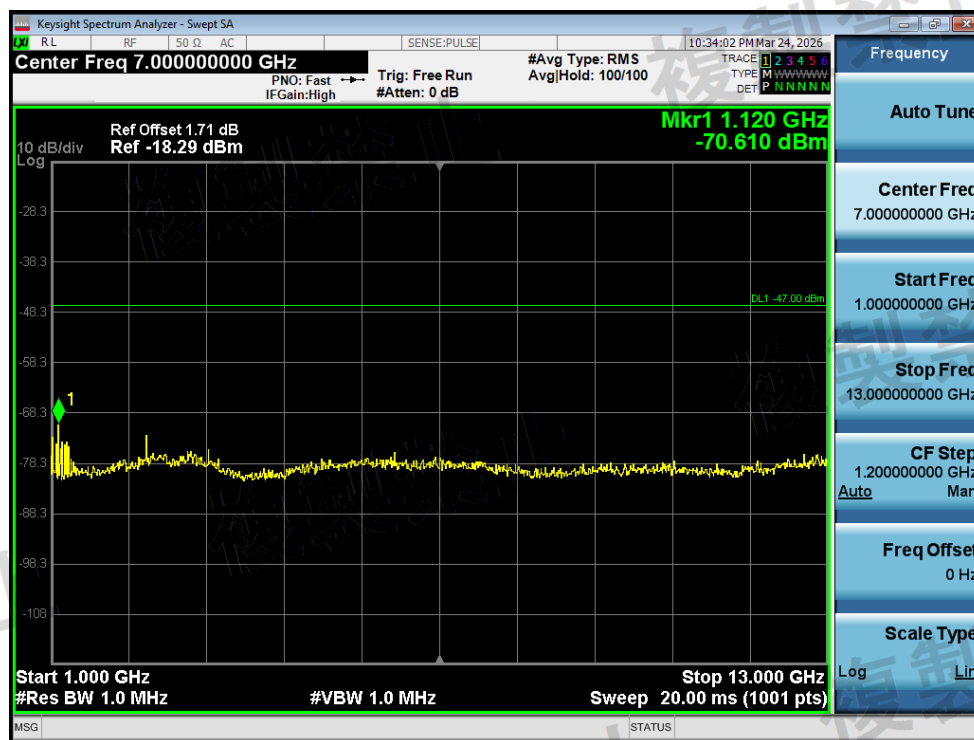
Rx. Spurious NVNT 1-DH5 2441MHz Ant1 @ 30MHz-1000MHz



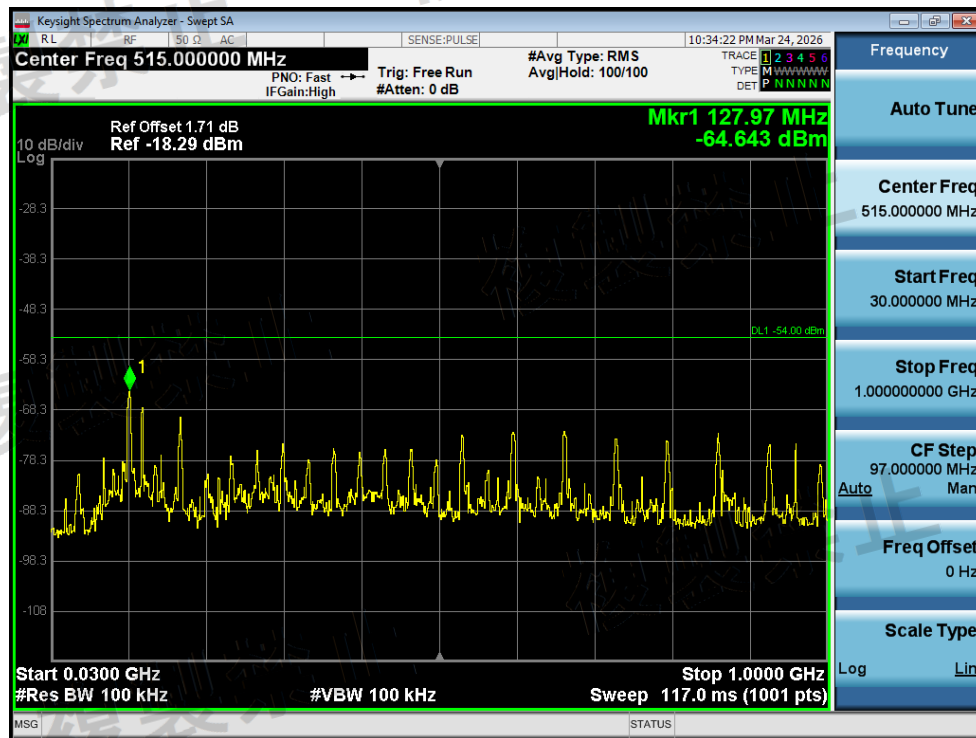
Rx. Spurious NVNT 1-DH5 2441MHz Ant1 @ 1000MHz-13000MHz



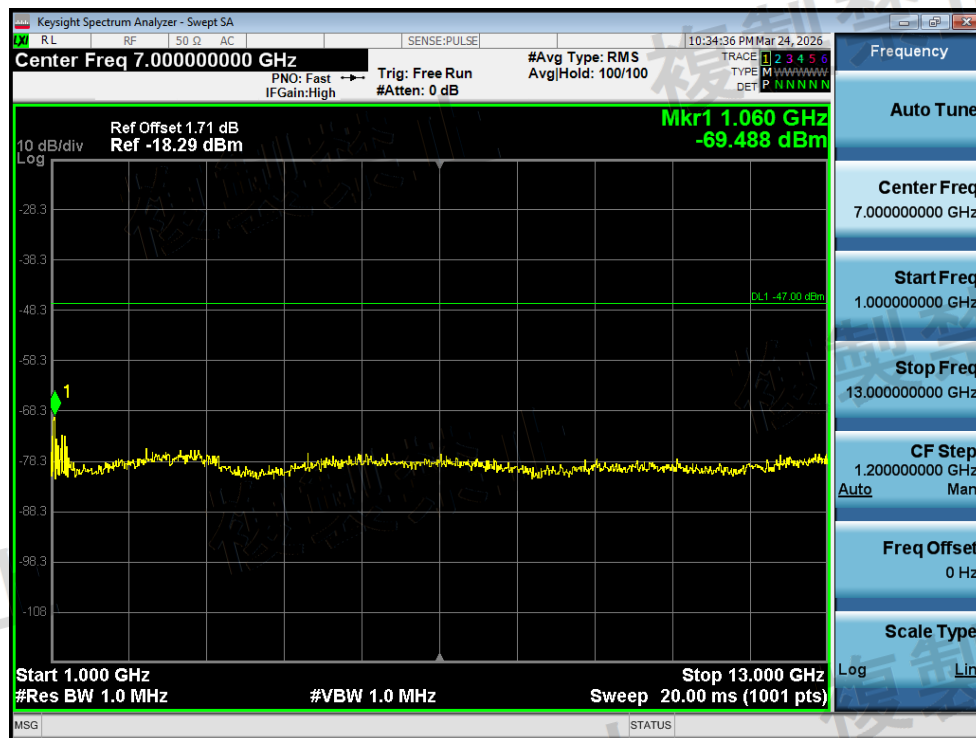
Rx. Spurious NVNT 2-DH5 2441MHz Ant1 @ 30MHz-1000MHz



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