



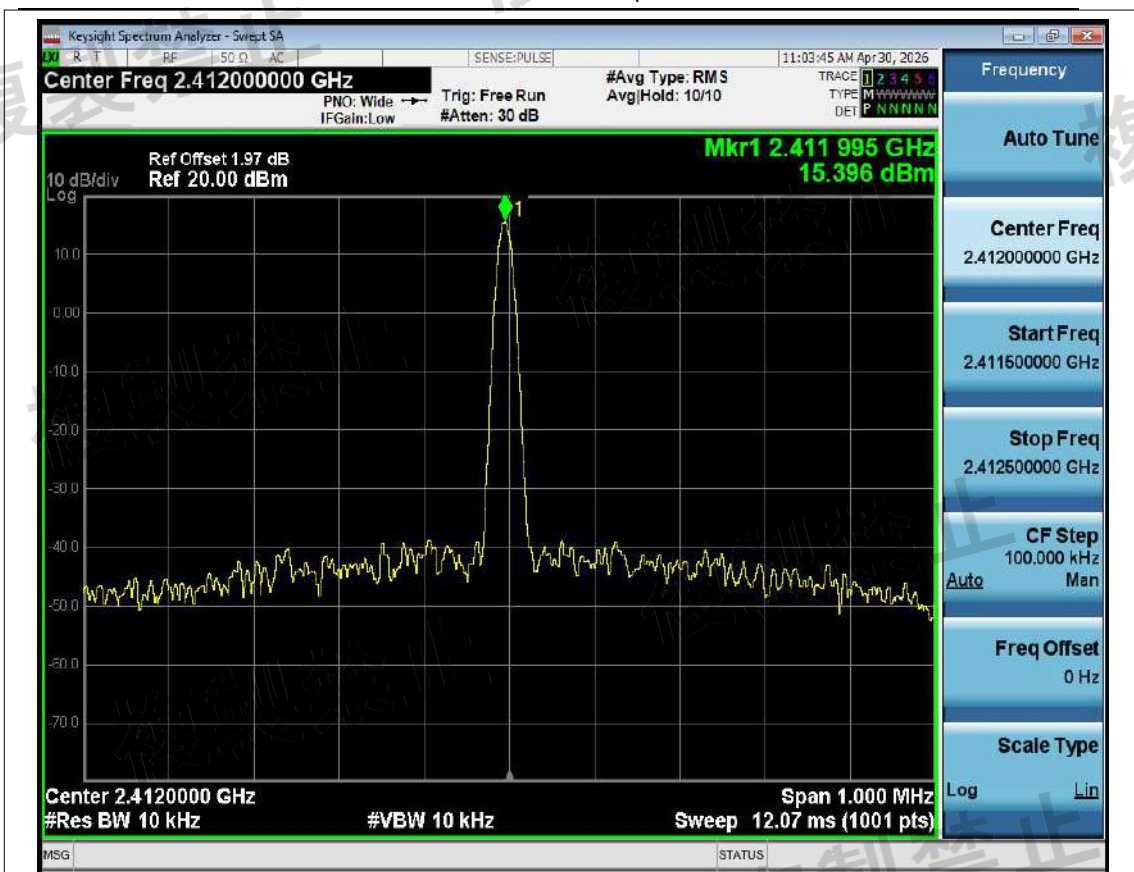
RF Test Data

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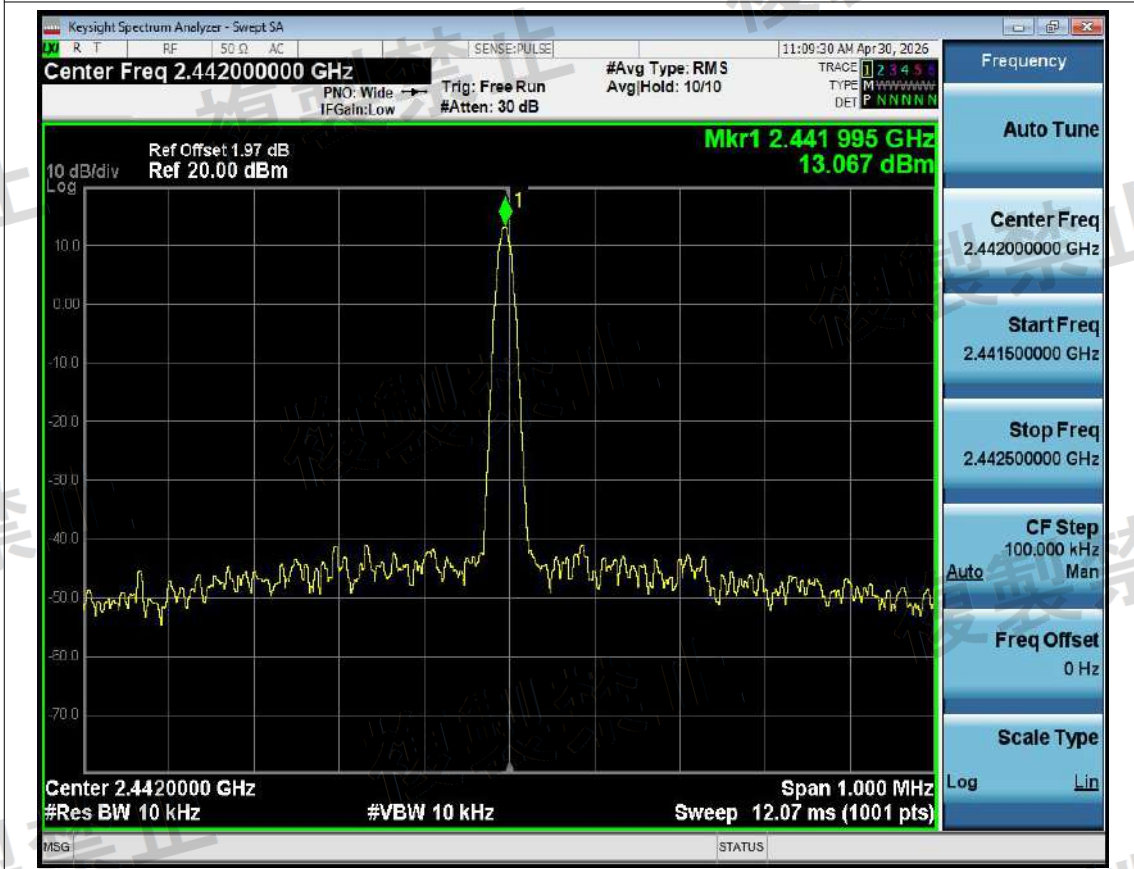


Frequency Error

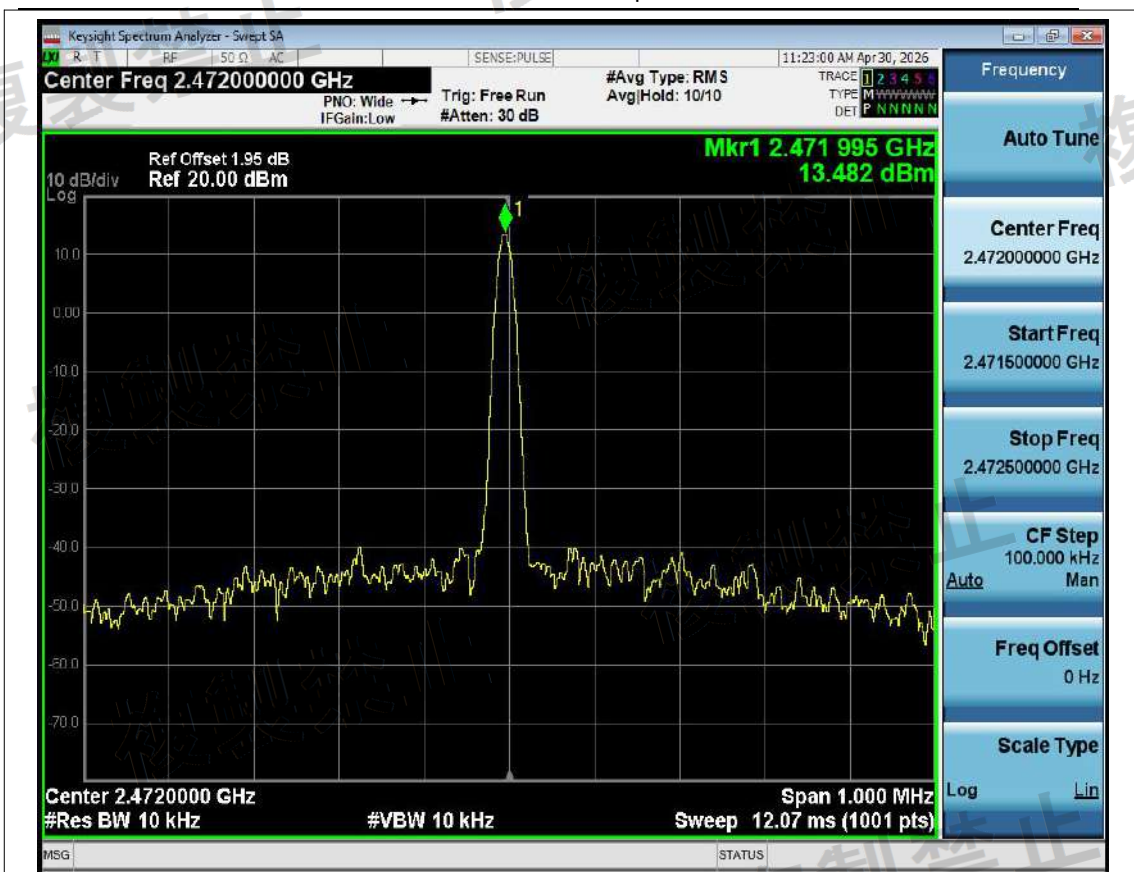
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	b	2412	Ant1	2411.995	-5000	-2.07	50	Pass
NVNT	b	2442	Ant1	2441.995	-5000	-2.05	50	Pass
NVNT	b	2472	Ant1	2471.995	-5000	-2.02	50	Pass
NVNT	g	2412	Ant1	2411.995	-5000	-2.07	50	Pass
NVNT	g	2442	Ant1	2441.995	-5000	-2.05	50	Pass
NVNT	g	2472	Ant1	2471.995	-5000	-2.02	50	Pass
NVNT	n20	2412	Ant1	2411.995	-5000	-2.07	50	Pass
NVNT	n20	2442	Ant1	2441.995	-5000	-2.05	50	Pass
NVNT	n20	2472	Ant1	2471.995	-5000	-2.02	50	Pass



Freq. Error NVNT b 2412MHz Ant1



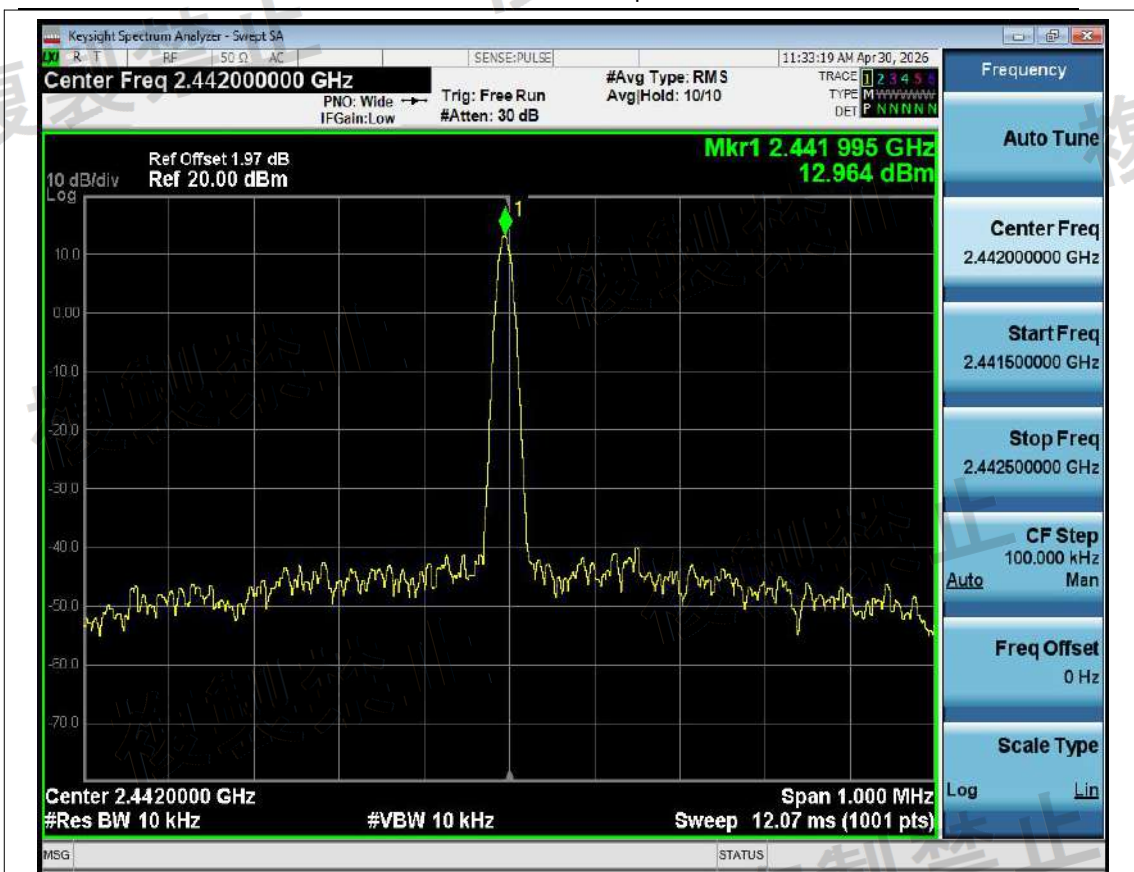
Freq. Error NVNT b 2442MHz Ant1



Freq. Error NVNT b 2472MHz Ant1



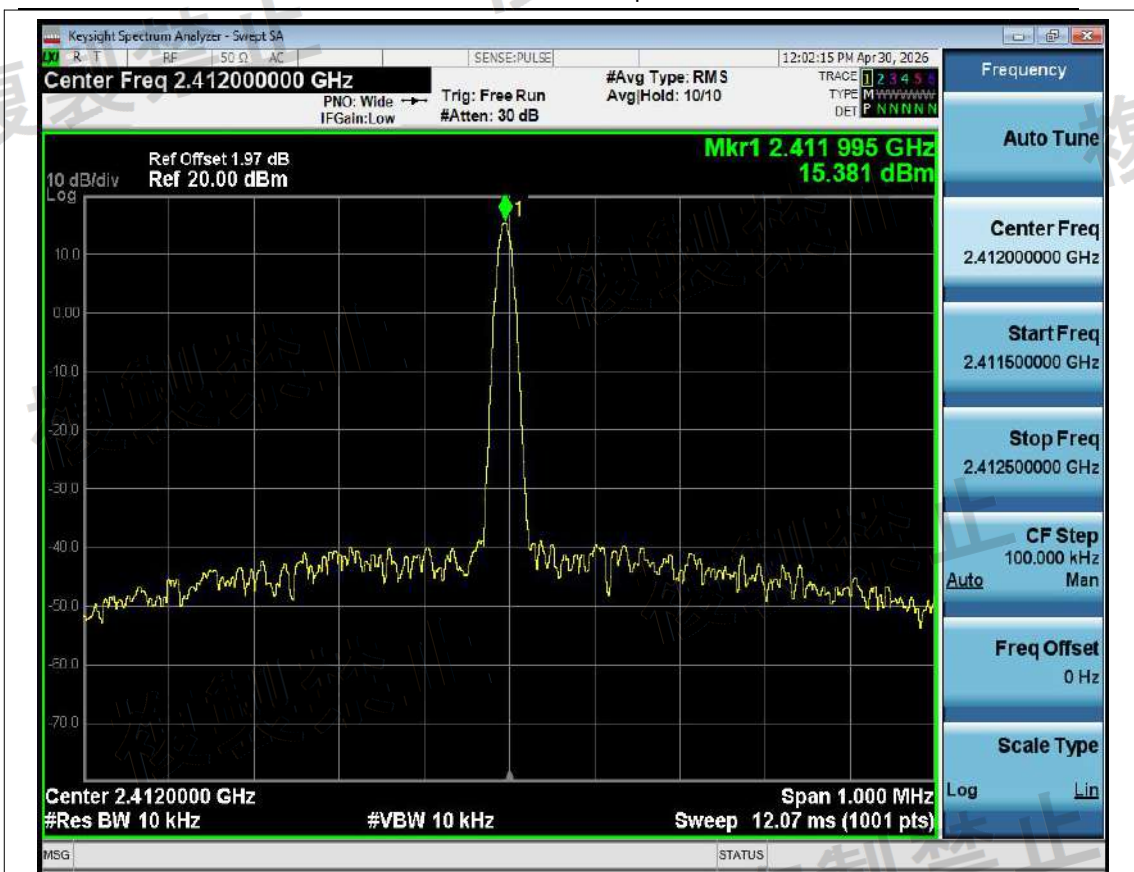
Freq. Error NVNT g 2412MHz Ant1



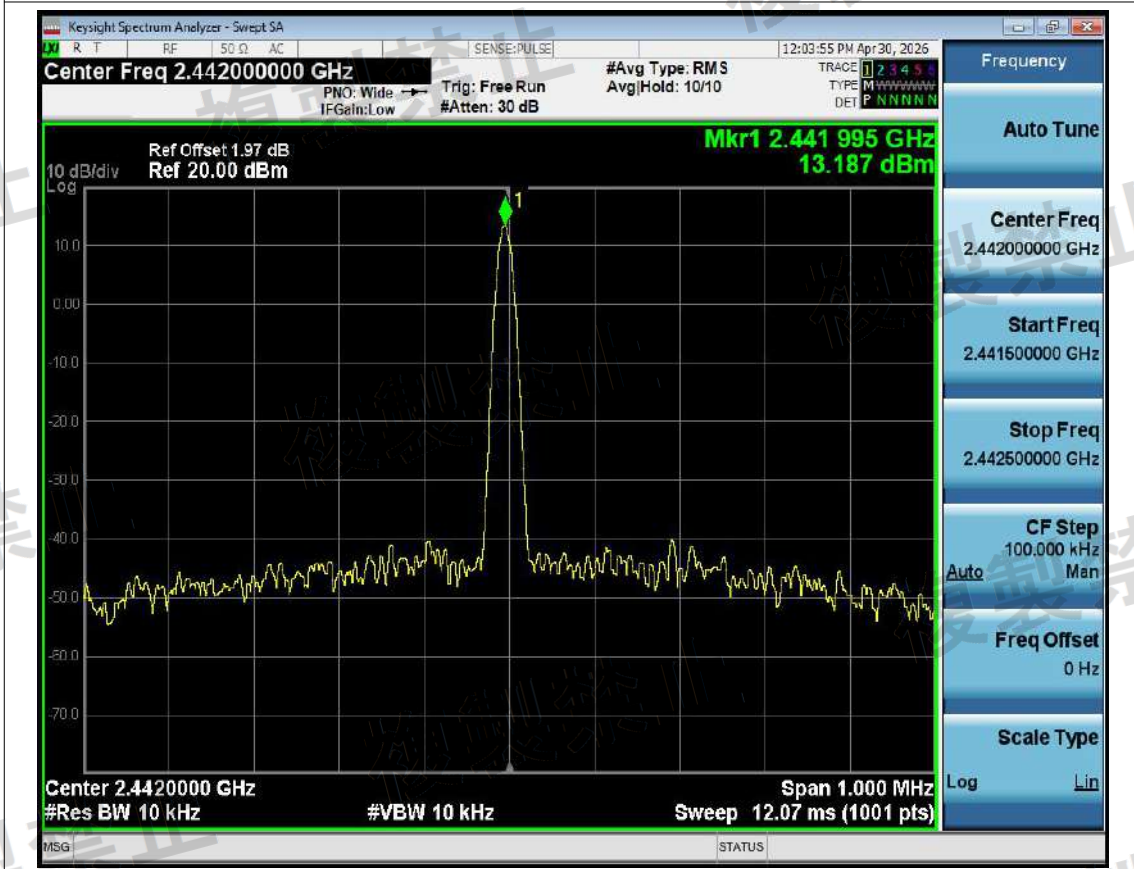
Freq. Error NVNT g 2442MHz Ant1



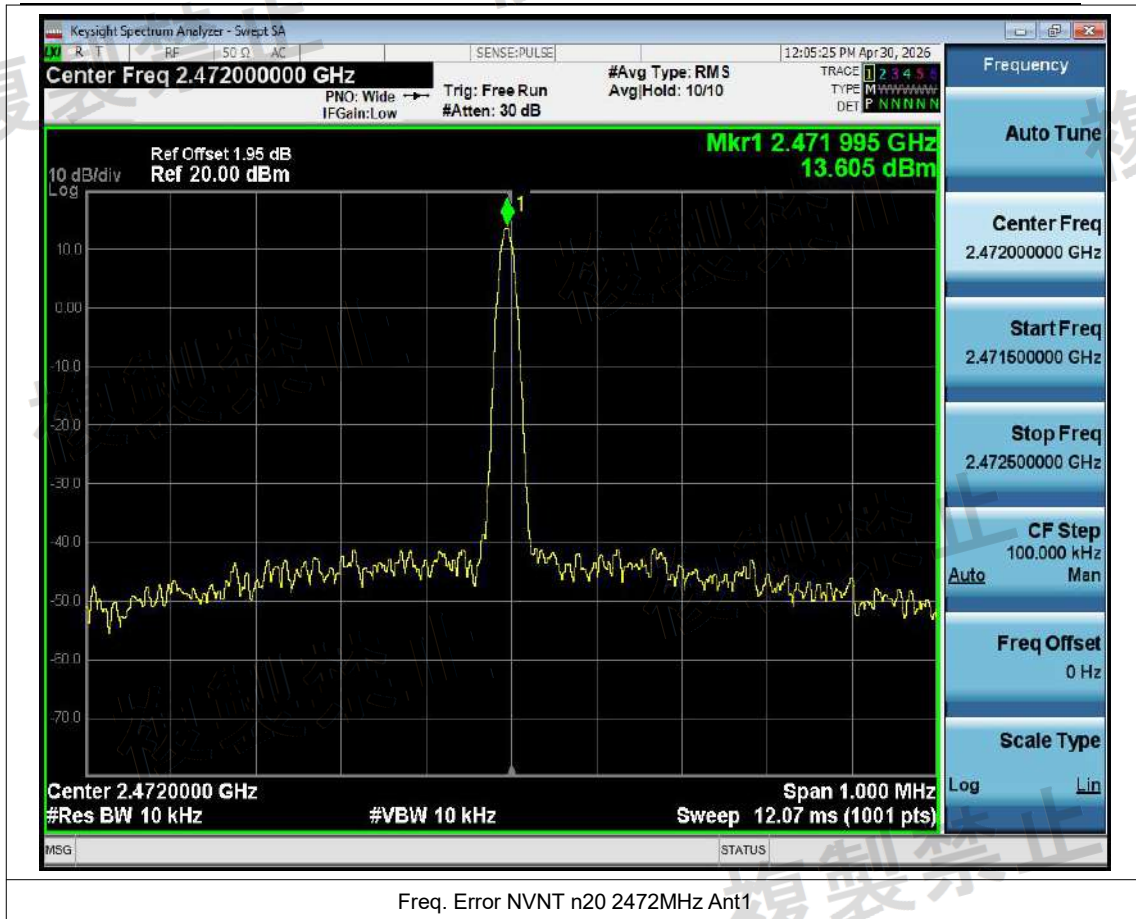
Freq. Error NVNT g 2472MHz Ant1



Freq. Error NVNT n20 2412MHz Ant1



Freq. Error NVNT n20 2442MHz Ant1



Antenna Power

Condi tion	Mo de	Freque ncy (MHz)	Anten na	Power (dBm/M Hz)	Power (mW/M Hz)	Limit (mW/M Hz)	Declar ed Power (mW/M Hz)	Tolera nce (%)	Low er Limi t (%)	Upp er Limi t (%)	Verdi ct
NVNT	b	2412	Ant1	-1.48	0.711	10	1	-28.88	-	20	Pass
NVNT	b	2442	Ant1	-1.32	0.738	10	1	-26.21	-	20	Pass
NVNT	b	2472	Ant1	-0.65	0.861	10	1	-13.9	-	20	Pass
NVNT	g	2412	Ant1	-2.73	0.533	10	1	-46.67	-	20	Pass
NVNT	g	2442	Ant1	-4.63	0.344	10	1	-65.57	-	20	Pass
NVNT	g	2472	Ant1	-4.3	0.372	10	1	-62.85	-	20	Pass
NVNT	n20	2412	Ant1	-2.86	0.518	10	1	-48.24	-	20	Pass
NVNT	n20	2442	Ant1	-4.95	0.32	10	1	-68.01	-	20	Pass
NVNT	n20	2472	Ant1	-4.09	0.39	10	1	-61.01	-	20	Pass



Power NVNT b 2412MHz Ant1 Pre Scan



Power NVNT b 2412MHz Ant1 Zero Span



Power NVNT b 2442MHz Ant1 Pre Scan



Power NVNT b 2442MHz Ant1 Zero Span



Power NVNT b 2472MHz Ant1 Pre Scan



Power NVNT b 2472MHz Ant1 Zero Span



Power NVNT g 2412MHz Ant1 Pre Scan



Power NVNT g 2412MHz Ant1 Zero Span



Power NVNT g 2442MHz Ant1 Pre Scan



Power NVNT g 2442MHz Ant1 Zero Span



Power NVNT g 2472MHz Ant1 Pre Scan



Power NVNT g 2472MHz Ant1 Zero Span



Power NVNT n20 2412MHz Ant1 Pre Scan



Power NVNT n20 2412MHz Ant1 Zero Span



Power NVNT n20 2442MHz Ant1 Pre Scan



Power NVNT n20 2442MHz Ant1 Zero Span



Power NVNT n20 2472MHz Ant1 Pre Scan



Power NVNT n20 2472MHz Ant1 Zero Span





EIRP Power

Condition	Mode	Frequency (MHz)	Antenna	Power (dBm/MHz)	Power (mW/MHz)	Gain (dBi)	EIRP (dBm/MHz)	EIRP (mW/MHz)	Limit (dBm/MHz)	Verdict
NVNT	b	2412	Ant1	-1.48	0.711	0.28	-1.2	0.759	12.14	Pass
NVNT	b	2442	Ant1	-1.32	0.738	0.28	-1.04	0.787	12.14	Pass
NVNT	b	2472	Ant1	-0.65	0.861	0.28	-0.37	0.918	12.14	Pass
NVNT	g	2412	Ant1	-2.73	0.533	0.28	-2.45	0.569	12.14	Pass
NVNT	g	2442	Ant1	-4.63	0.344	0.28	-4.35	0.367	12.14	Pass
NVNT	g	2472	Ant1	-4.3	0.372	0.28	-4.02	0.397	12.14	Pass
NVNT	n20	2412	Ant1	-2.86	0.518	0.28	-2.58	0.553	12.14	Pass
NVNT	n20	2442	Ant1	-4.95	0.32	0.28	-4.67	0.341	12.14	Pass
NVNT	n20	2472	Ant1	-4.09	0.39	0.28	-3.81	0.416	12.14	Pass



Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)	Lower Limit (MHz)	Upper Limit (MHz)	Verdict
NVNT	b	2412	Ant1	11.8	N/A	26	Pass
NVNT	b	2442	Ant1	11.745	N/A	26	Pass
NVNT	b	2472	Ant1	11.818	N/A	26	Pass
NVNT	g	2412	Ant1	16.602	N/A	26	Pass
NVNT	g	2442	Ant1	16.527	N/A	26	Pass
NVNT	g	2472	Ant1	16.613	N/A	26	Pass
NVNT	n20	2412	Ant1	17.538	N/A	26	Pass
NVNT	n20	2442	Ant1	17.588	N/A	26	Pass
NVNT	n20	2472	Ant1	17.637	N/A	26	Pass



OBW NVNT b 2412MHz Ant1



OBW NVNT b 2442MHz Ant1



OBW NVNT b 2472MHz Ant1



OBW NVNT g 2412MHz Ant1



OBW NVNT g 2442MHz Ant1



OBW NVNT g 2472MHz Ant1



OBW NVNT n20 2412MHz Ant1



OBW NVNT n20 2442MHz Ant1



Tx Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Emission Frequency (MHz)	Max Peak Value (dBm)	Max RMS Value (dBm)	Max Peak Value (uW)	Max RMS Value (uW)	Limit Start (uW)	Limit Stop (uW)	Verdict
NVNT	b	2412	Ant1	30-1000	847.42	-67.01	NA	0.0002	NA	0.25	0.25	Pass
NVNT	b	2412	Ant1	1000-2387	1983.66	-56.34	NA	0.0023	NA	2.5	2.5	Pass
NVNT	b	2412	Ant1	2387-2400	2399.84	-44.55	NA	0.0351	NA	25	25	Pass
NVNT	b	2412	Ant1	2483.5-2496.5	2484.62	-54.98	NA	0.0032	NA	25	25	Pass
NVNT	b	2412	Ant1	2496.5-13000	7236.73	-54.74	NA	0.0034	NA	2.5	2.5	Pass
NVNT	b	2442	Ant1	30-1000	776.32	-67.16	NA	0.0002	NA	0.25	0.25	Pass
NVNT	b	2442	Ant1	1000-2387	2135.95	-56.71	NA	0.0021	NA	2.5	2.5	Pass
NVNT	b	2442	Ant1	2387-2400	2399.63	-54.06	NA	0.0039	NA	25	25	Pass
NVNT	b	2442	Ant1	2483.5-2496.5	2490.08	-55.25	NA	0.003	NA	25	25	Pass
NVNT	b	2442	Ant1	2496.5-13000	5826.11	-55.16	NA	0.003	NA	2.5	2.5	Pass
NVNT	b	2472	Ant1	30-1000	818.13	-67.40	NA	0.0002	NA	0.25	0.25	Pass
NVNT	b	2472	Ant1	1000-2387	2378.67	-56.68	NA	0.0021	NA	2.5	2.5	Pass
NVNT	b	2472	Ant1	2387-2400	2399.90	-56.00	NA	0.0025	NA	25	25	Pass
NVNT	b	2472	Ant1	2483.5-2496.5	2483.58	-42.59	NA	0.0551	NA	25	25	Pass
NVNT	b	2472	Ant1	2496.5-13000	7416.34	-52.49	NA	0.0056	NA	2.5	2.5	Pass
NVNT	g	2412	Ant1	30-1000	843.44	-67.17	NA	0.0002	NA	0.25	0.25	Pass
NVNT	g	2412	Ant1	1000-2387	2387.00	-47.20	NA	0.0191	NA	2.5	2.5	Pass
NVNT	g	2412	Ant1	2387-2400	2399.0	-19.	NA	11.74	NA	25	25	Pass



				0	7	30		9				
NVNT	g	2412	Ant1	2483.5-24 96.5	2485.8 3	-56. 07	NA	0.002 5	NA	25	25	Pass
NVNT	g	2412	Ant1	2496.5-13 000	5777.7 9	-53. 98	NA	0.004	NA	2.5	2.5	Pass
NVNT	g	2442	Ant1	30-1000	835.58	-67. 86	NA	0.000 2	NA	0.25	0.2 5	Pass
NVNT	g	2442	Ant1	1000-238 7	2078.6 7	-56. 39	NA	0.002 3	NA	2.5	2.5	Pass
NVNT	g	2442	Ant1	2387-240 0	2399.3 5	-52. 10	NA	0.006 2	NA	25	25	Pass
NVNT	g	2442	Ant1	2483.5-24 96.5	2483.7 7	-50. 89	NA	0.008 1	NA	25	25	Pass
NVNT	g	2442	Ant1	2496.5-13 000	5266.2 7	-51. 48	NA	0.007 1	NA	2.5	2.5	Pass
NVNT	g	2472	Ant1	30-1000	862.16	-66. 66	NA	0.000 2	NA	0.25	0.2 5	Pass
NVNT	g	2472	Ant1	1000-238 7	2317.2 3	-55. 74	NA	0.002 7	NA	2.5	2.5	Pass
NVNT	g	2472	Ant1	2387-240 0	2399.1 4	-56. 14	NA	0.002 4	NA	25	25	Pass
NVNT	g	2472	Ant1	2483.5-24 96.5	2483.8 9	-20. 23	NA	9.484 2	NA	25	25	Pass
NVNT	g	2472	Ant1	2496.5-13 000	2496.5 0	-51. 52	NA	0.007	NA	2.5	2.5	Pass
NVNT	n20	2412	Ant1	30-1000	891.36	-67. 46	NA	0.000 2	NA	0.25	0.2 5	Pass
NVNT	n20	2412	Ant1	1000-238 7	1717.7 7	-42. 18	NA	0.060 5	NA	2.5	2.5	Pass
NVNT	n20	2412	Ant1	2387-240 0	2399.7 7	-16. 30	-33. 43	23.44 23	0.45 39	25	25	Pass
NVNT	n20	2412	Ant1	2483.5-24 96.5	2483.6 9	-52. 60	NA	0.005 5	NA	25	25	Pass
NVNT	n20	2412	Ant1	2496.5-13 000	7231.4 8	-49. 99	NA	0.01	NA	2.5	2.5	Pass
NVNT	n20	2442	Ant1	30-1000	831.32	-55. 04	NA	0.003 1	NA	0.25	0.2 5	Pass
NVNT	n20	2442	Ant1	1000-238 7	2383.8 1	-56. 47	NA	0.002 3	NA	2.5	2.5	Pass
NVNT	n20	2442	Ant1	2387-240 0	2397.6 0	-52. 61	NA	0.005 5	NA	25	25	Pass
NVNT	n20	2442	Ant1	2483.5-24 96.5	2484.5 1	-54. 33	NA	0.003 7	NA	25	25	Pass
NVNT	n20	2442	Ant1	2496.5-13	5400.7	-54.	NA	0.003	NA	2.5	2.5	Pass



				000	2	72		4				
NVNT	n20	2472	Ant1	30-1000	959.36	-67.18	NA	0.0002	NA	0.25	0.25	Pass
NVNT	n20	2472	Ant1	1000-2387	2173.40	-56.56	NA	0.0022	NA	2.5	2.5	Pass
NVNT	n20	2472	Ant1	2387-2400	2399.44	-56.26	NA	0.0024	NA	25	25	Pass
NVNT	n20	2472	Ant1	2483.5-2496.5	2483.95	-20.26	NA	9.4189	NA	25	25	Pass
NVNT	n20	2472	Ant1	2496.5-13000	2496.50	-50.97	NA	0.008	NA	2.5	2.5	Pass



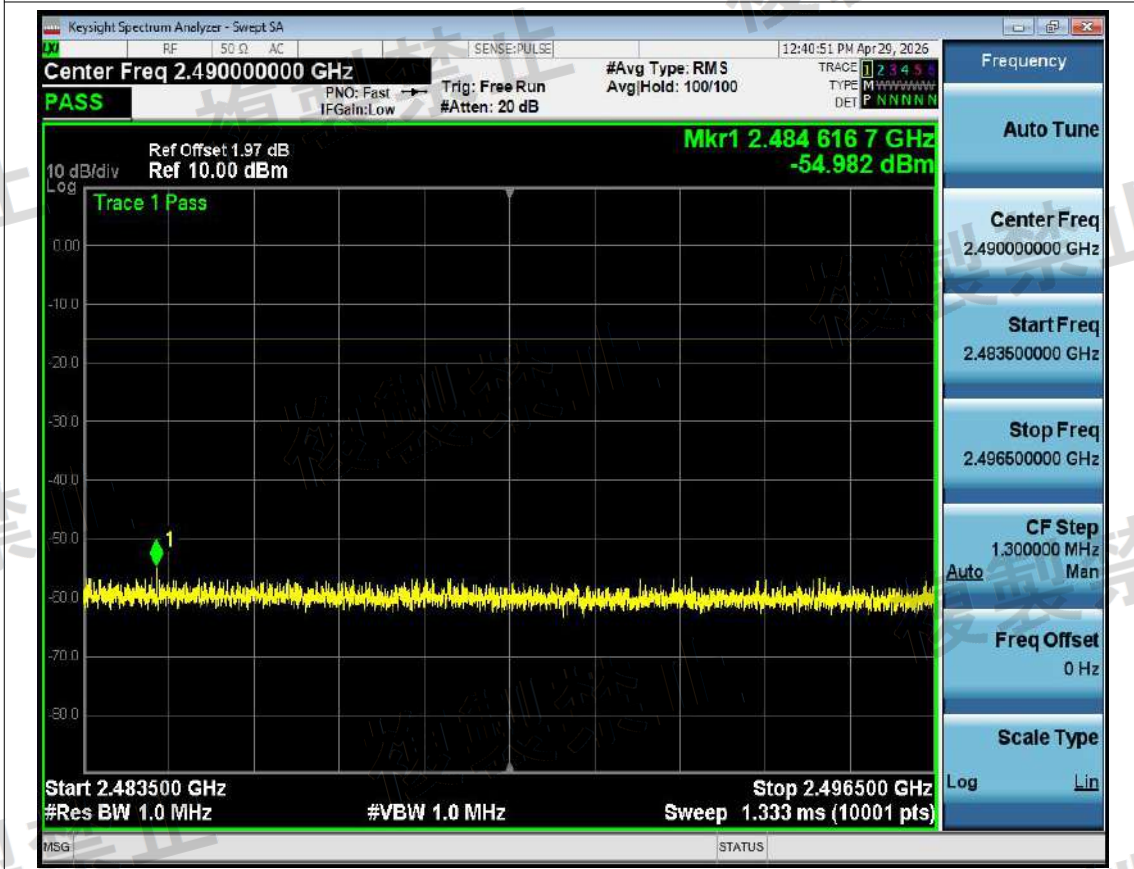
Tx. Spurious NVNT b 2412MHz Ant1 @ 30MHz-1000MHz



Tx. Spurious NVNT b 2412MHz Ant1 @ 1000MHz-2387MHz



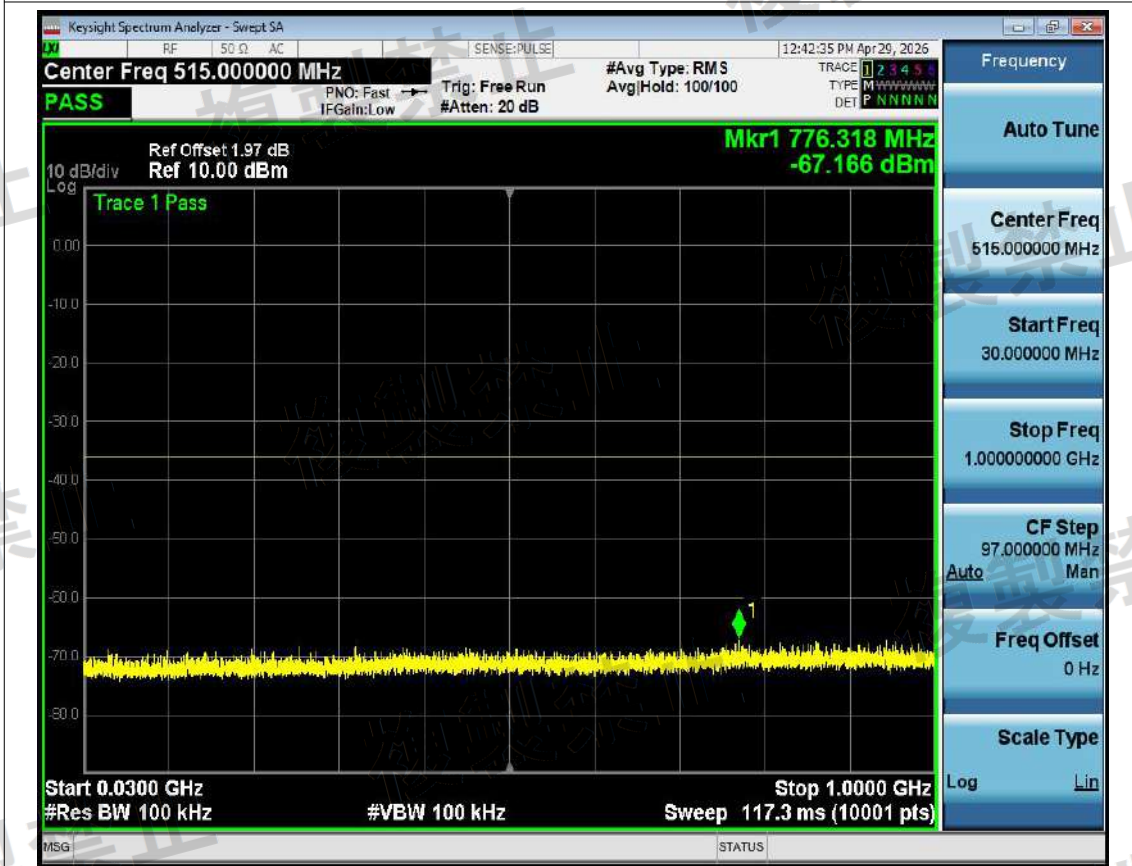
Tx. Spurious NVNT b 2412MHz Ant1 @ 2387MHz-2400MHz



Tx. Spurious NVNT b 2412MHz Ant1 @ 2483.5MHz-2496.5MHz



Tx. Spurious NVNT b 2412MHz Ant1 @ 2496.5MHz-13000MHz



Tx. Spurious NVNT b 2442MHz Ant1 @ 30MHz-1000MHz



Tx. Spurious NVNT b 2442MHz Ant1 @ 1000MHz-2387MHz



Tx. Spurious NVNT b 2442MHz Ant1 @ 2387MHz-2400MHz



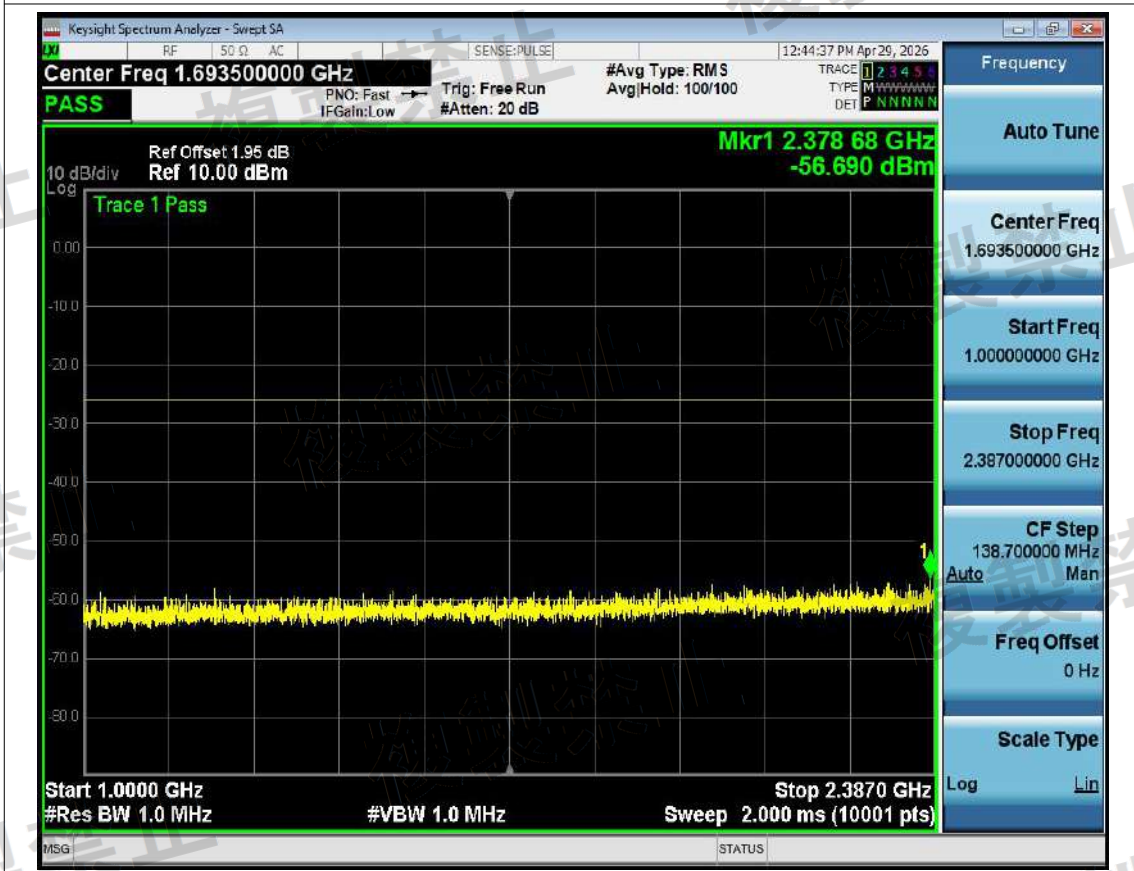
Tx. Spurious NVNT b 2442MHz Ant1 @ 2483.5MHz-2496.5MHz



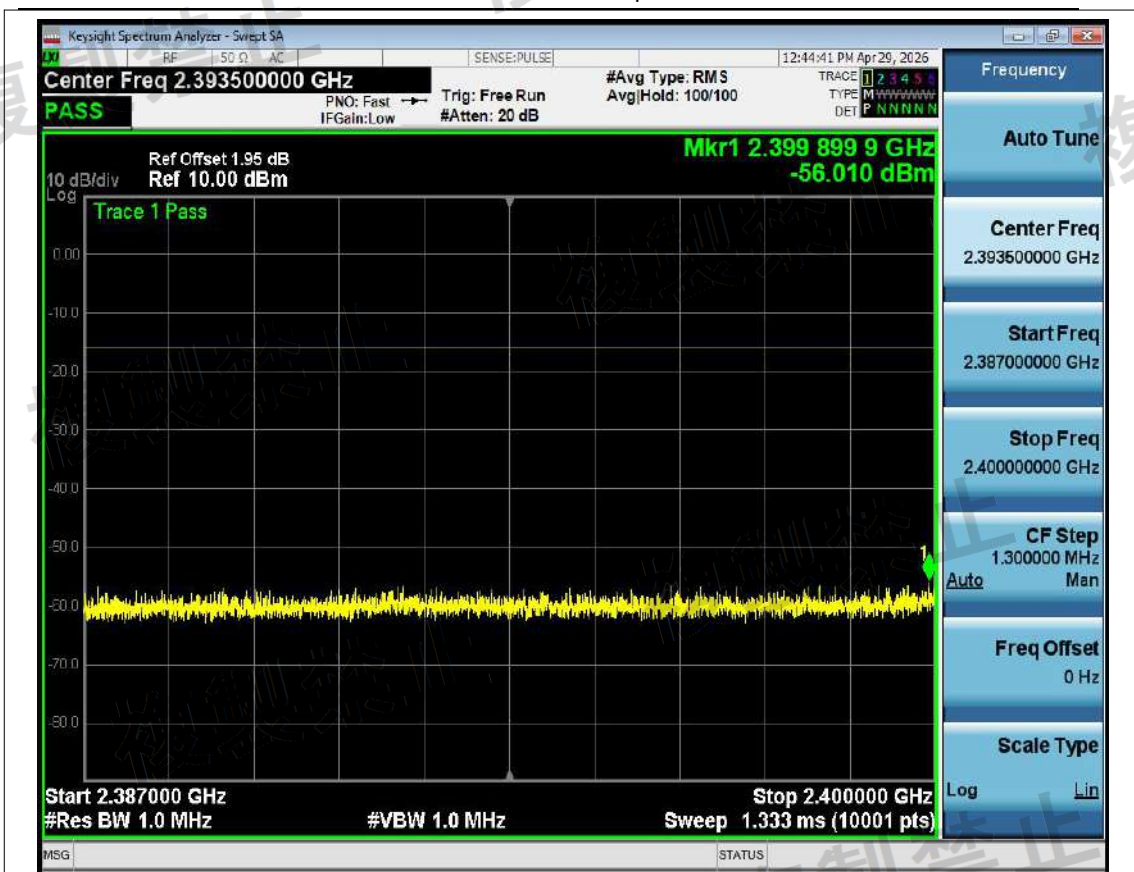
Tx. Spurious NVNT b 2442MHz Ant1 @ 2496.5MHz-13000MHz



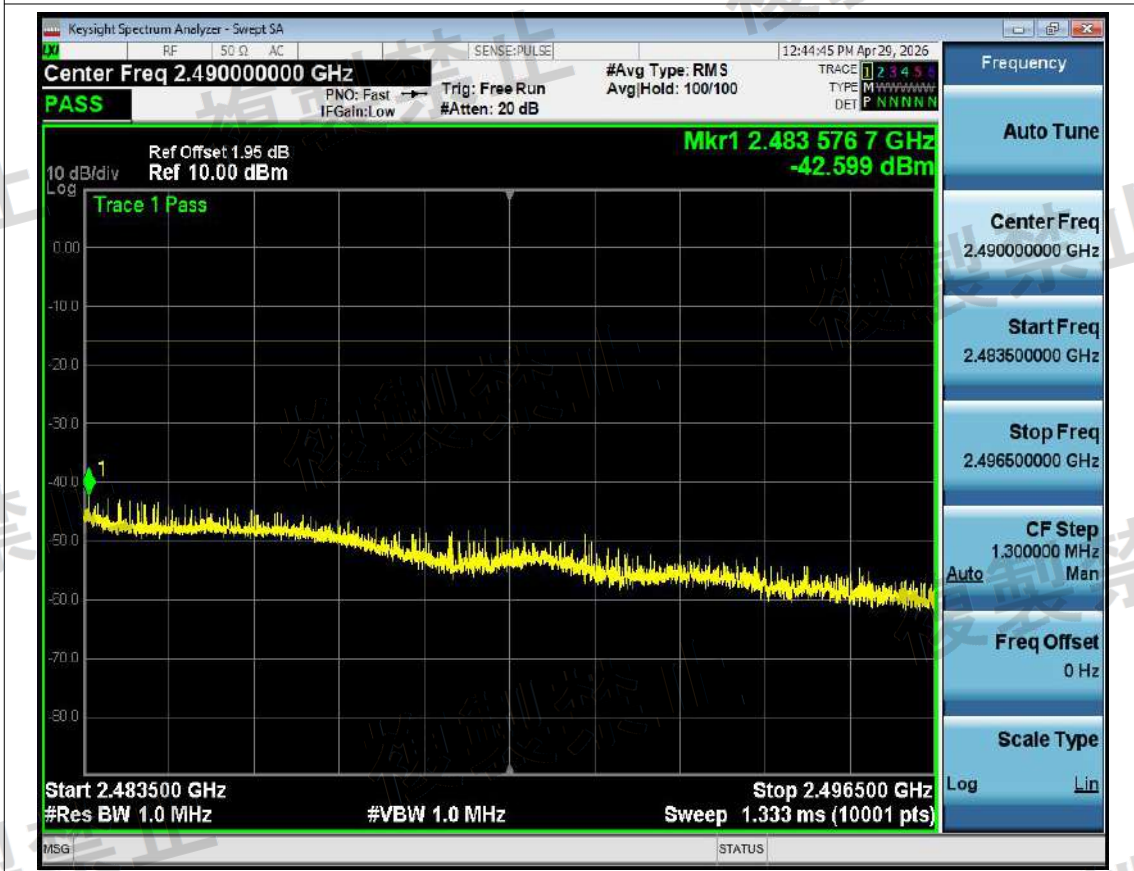
Tx. Spurious NVNT b 2472MHz Ant1 @ 30MHz-1000MHz



Tx. Spurious NVNT b 2472MHz Ant1 @ 1000MHz-2387MHz



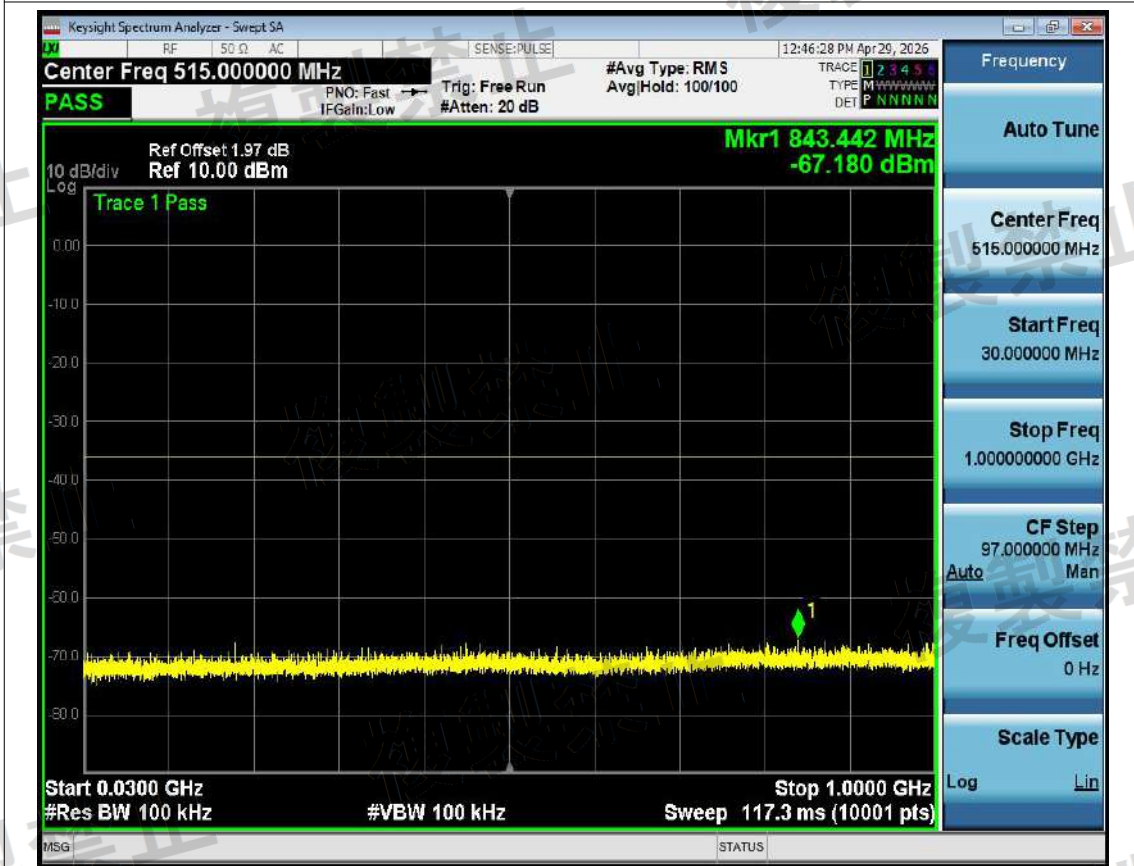
Tx. Spurious NVNT b 2472MHz Ant1 @ 2387MHz-2400MHz



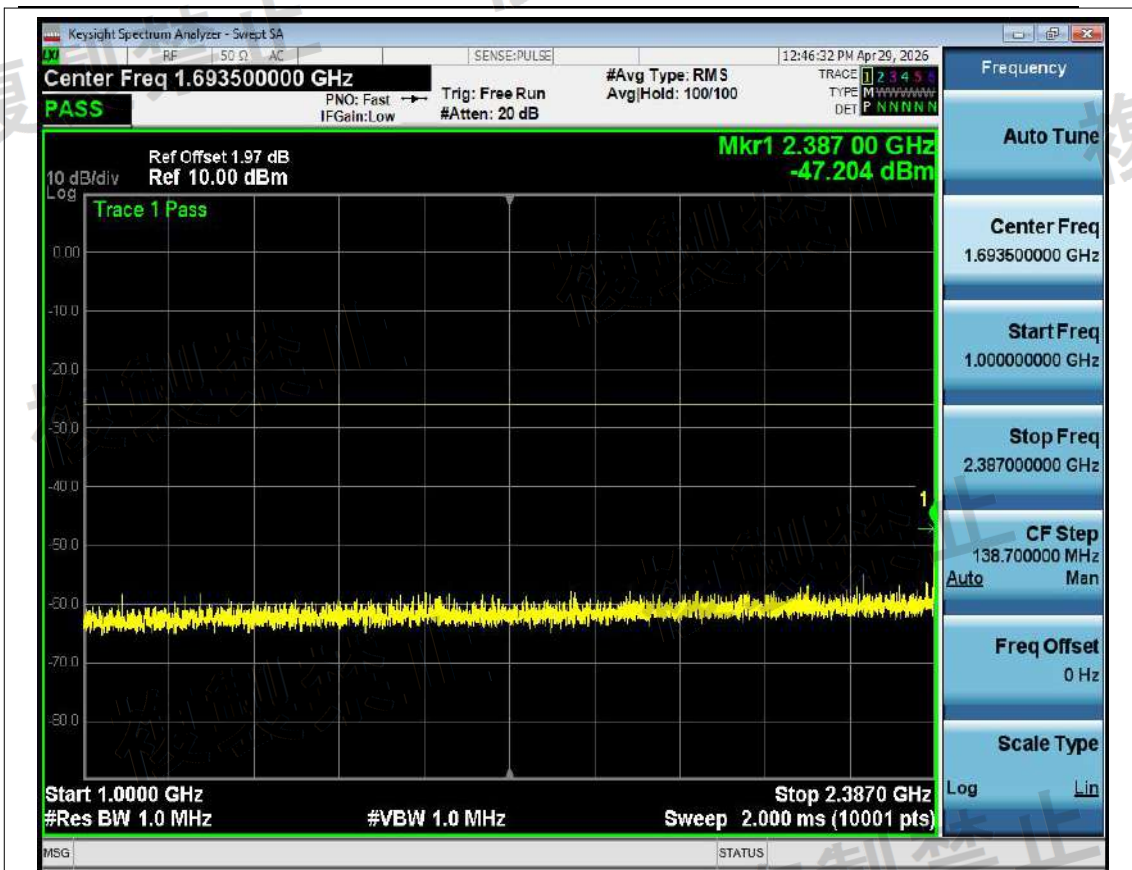
Tx. Spurious NVNT b 2472MHz Ant1 @ 2483.5MHz-2496.5MHz



Tx. Spurious NVNT b 2472MHz Ant1 @ 2496.5MHz-13000MHz



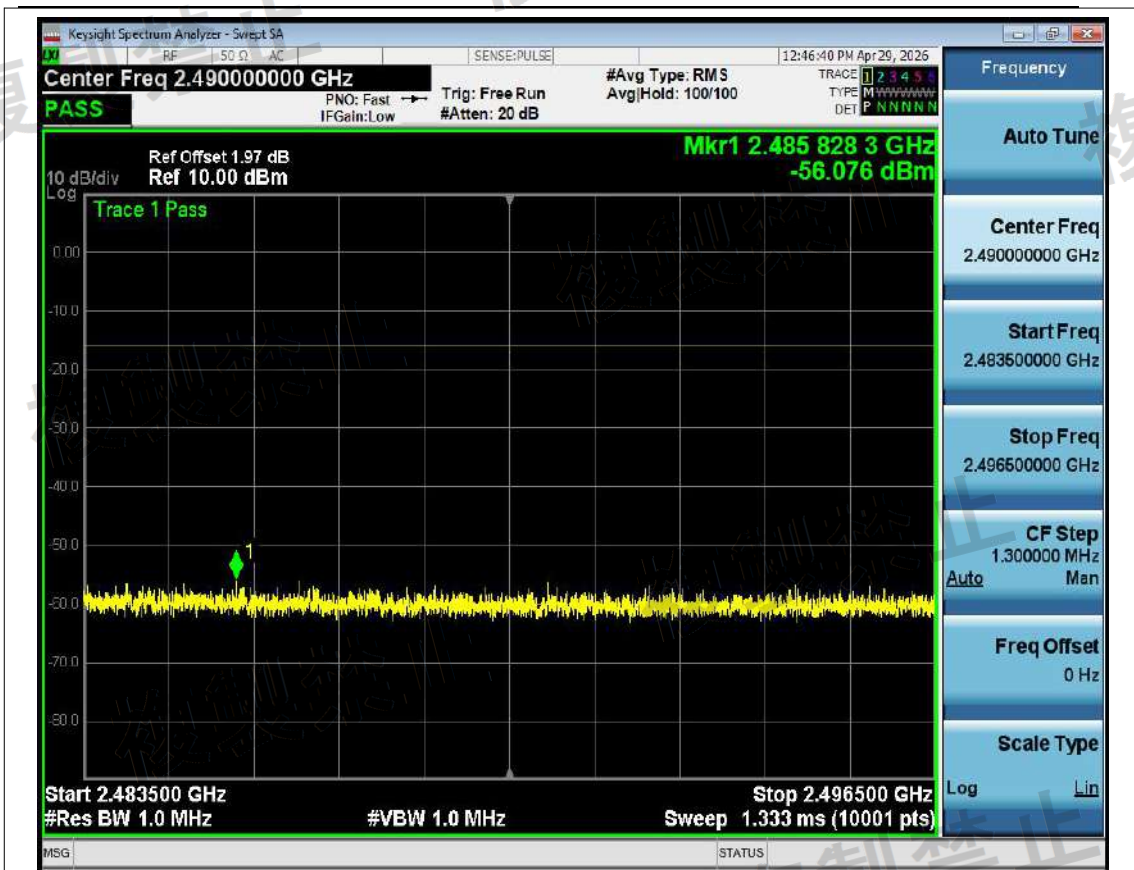
Tx. Spurious NVNT g 2412MHz Ant1 @ 30MHz-1000MHz



Tx. Spurious NVNT g 2412MHz Ant1 @ 1000MHz-2387MHz



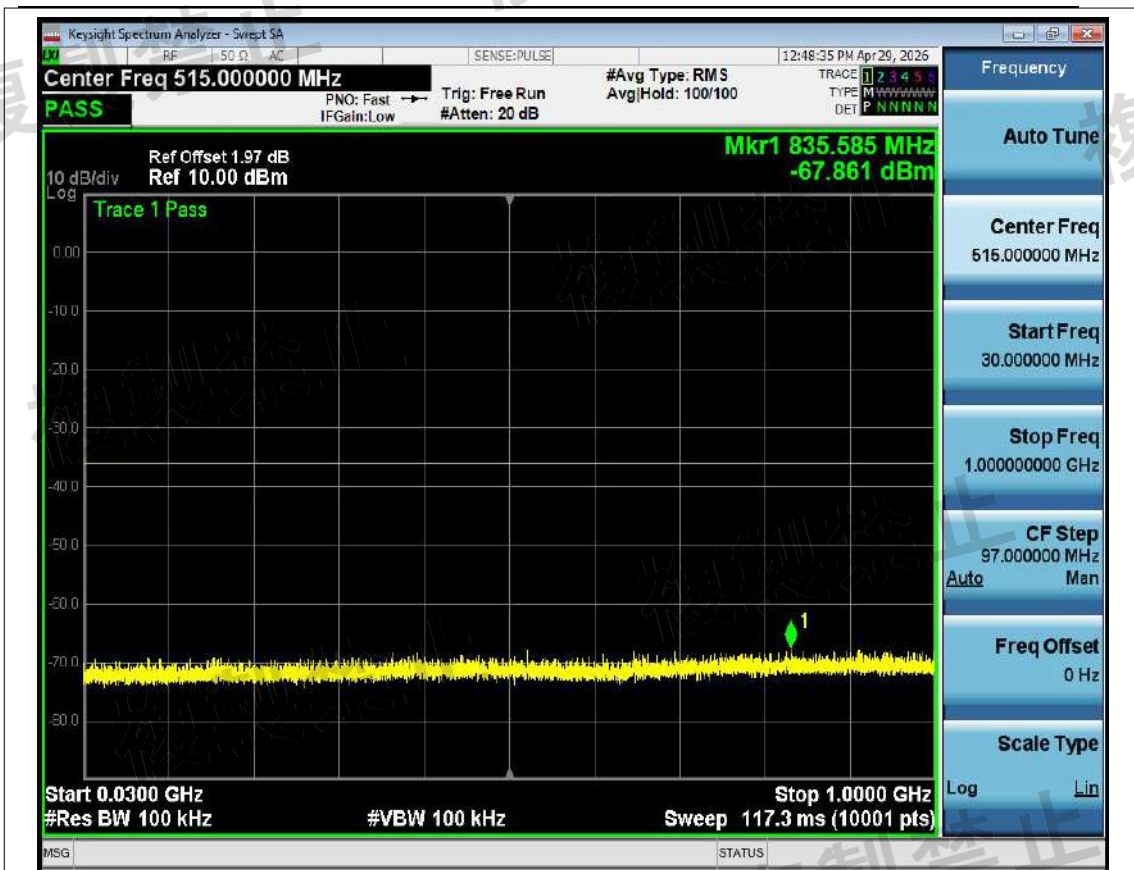
Tx. Spurious NVNT g 2412MHz Ant1 @ 2387MHz-2400MHz



Tx. Spurious NVNT g 2412MHz Ant1 @ 2483.5MHz-2496.5MHz



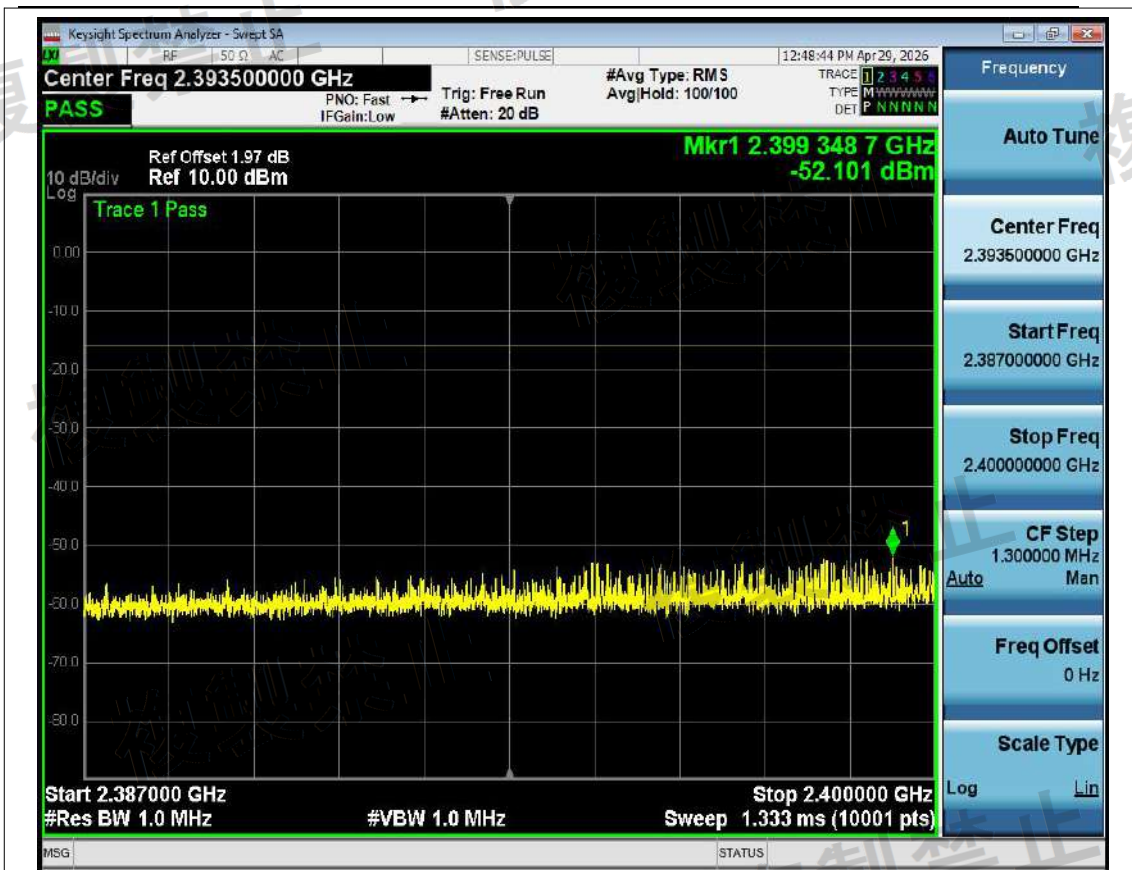
Tx. Spurious NVNT g 2412MHz Ant1 @ 2496.5MHz-13000MHz



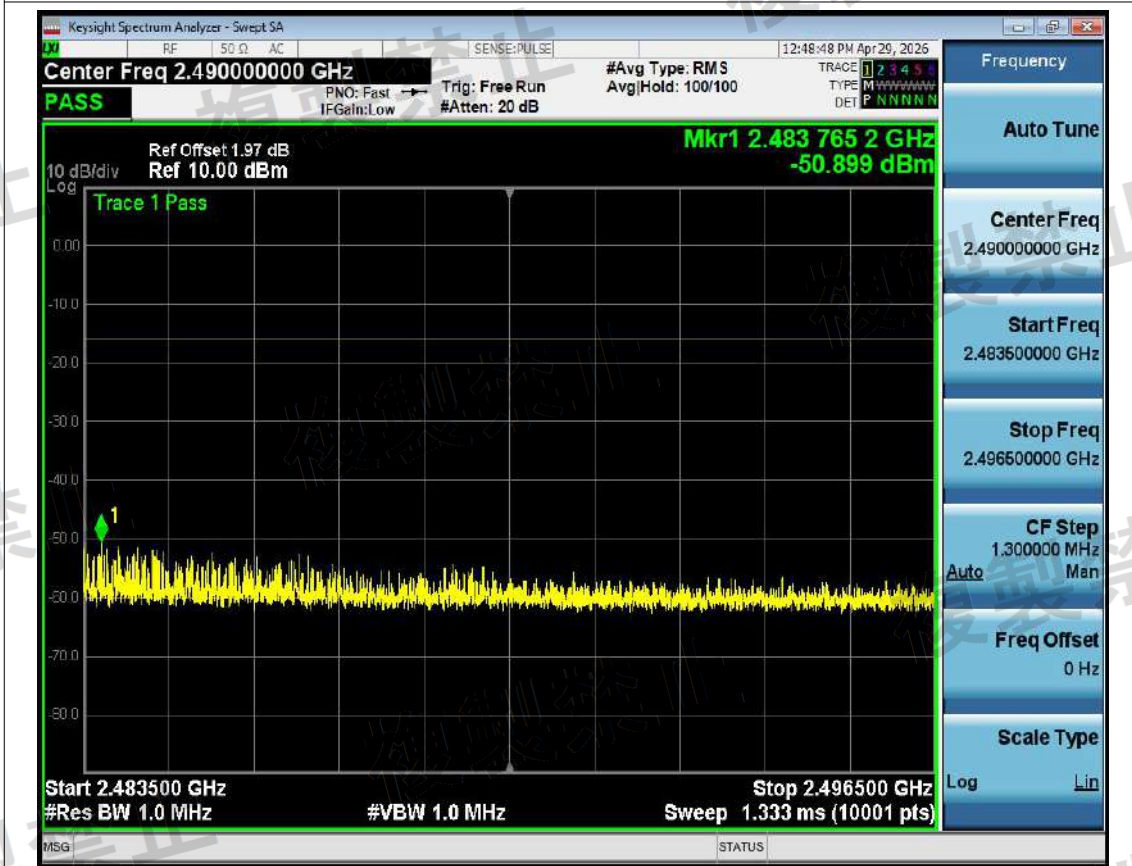
Tx. Spurious NVNT g 2442MHz Ant1 @ 30MHz-1000MHz



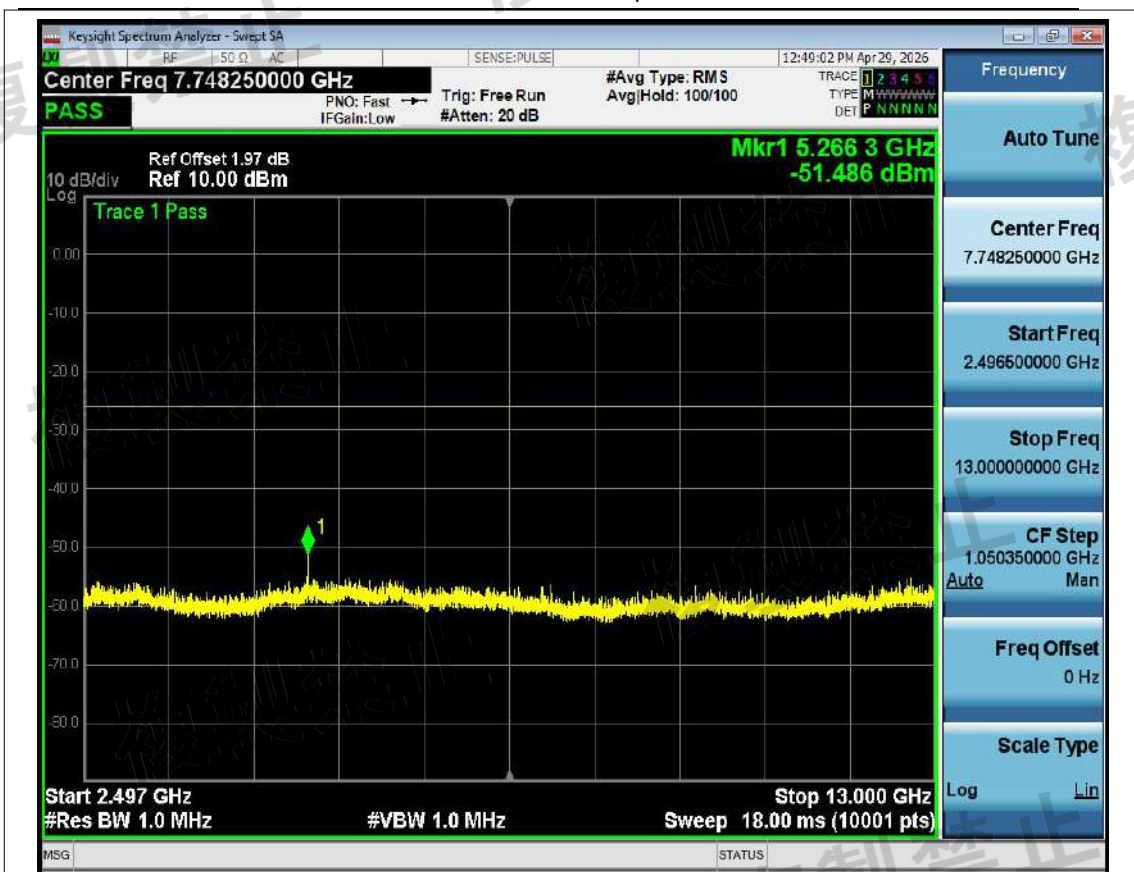
Tx. Spurious NVNT g 2442MHz Ant1 @ 1000MHz-2387MHz



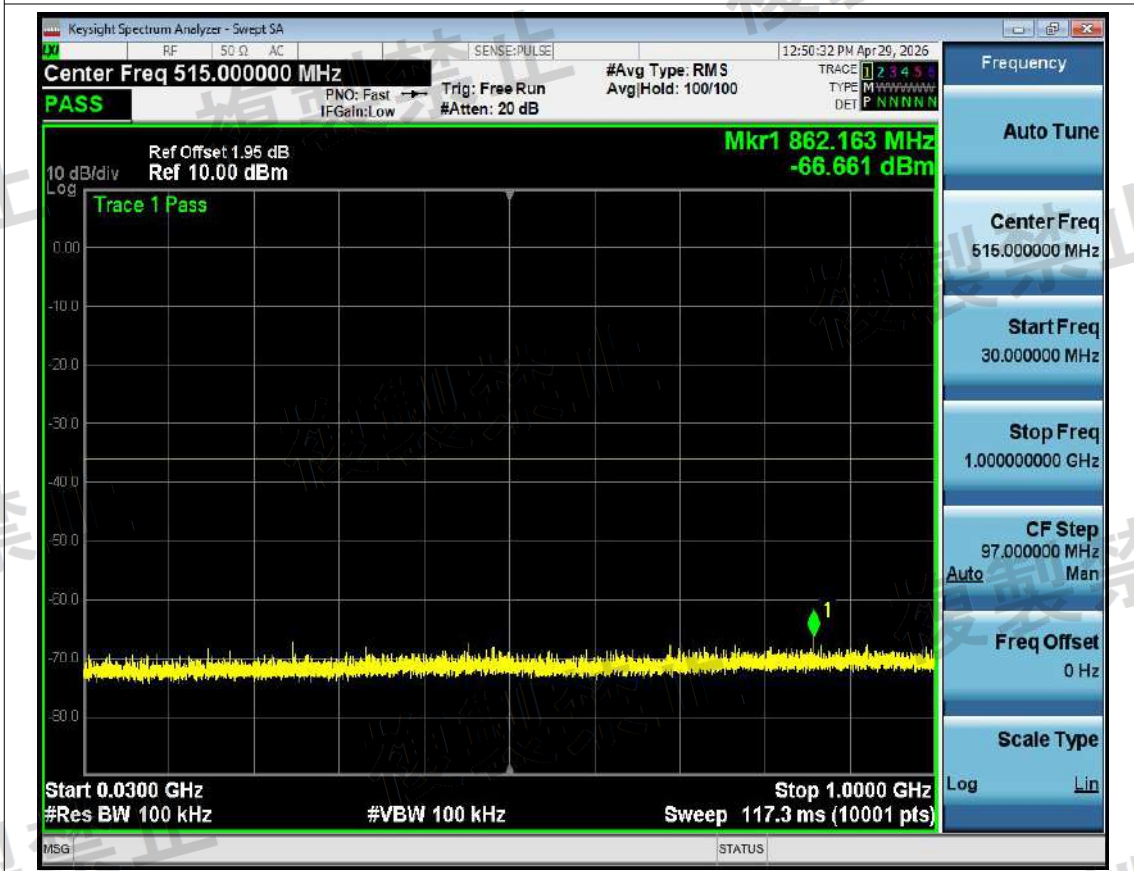
Tx. Spurious NVNT g 2442MHz Ant1 @ 2387MHz-2400MHz



Tx. Spurious NVNT g 2442MHz Ant1 @ 2483.5MHz-2496.5MHz



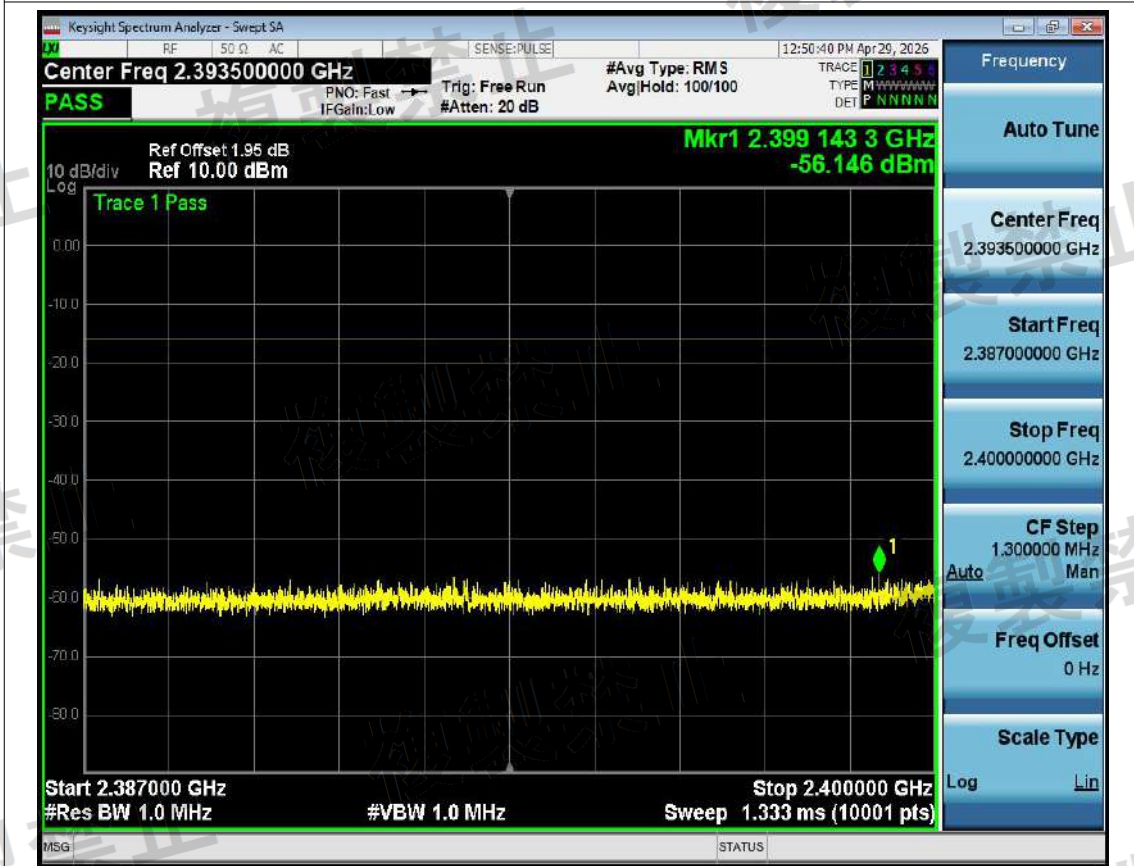
Tx. Spurious NVNT g 2442MHz Ant1 @ 2496.5MHz-13000MHz



Tx. Spurious NVNT g 2472MHz Ant1 @ 30MHz-1000MHz



Tx. Spurious NVNT g 2472MHz Ant1 @ 1000MHz-2387MHz



Tx. Spurious NVNT g 2472MHz Ant1 @ 2387MHz-2400MHz



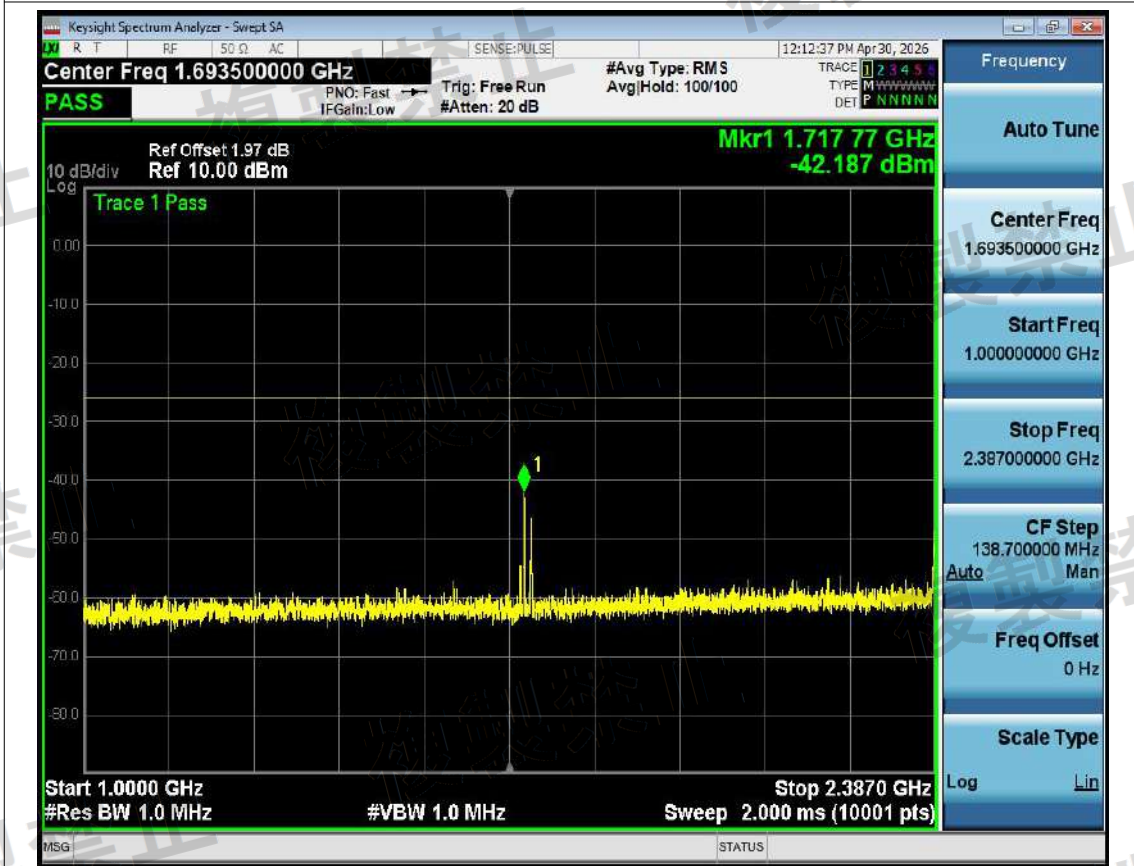
Tx. Spurious NVNT g 2472MHz Ant1 @ 2483.5MHz-2496.5MHz



Tx. Spurious NVNT g 2472MHz Ant1 @ 2496.5MHz-13000MHz



Tx. Spurious NVNT n20 2412MHz Ant1 @ 30MHz-1000MHz



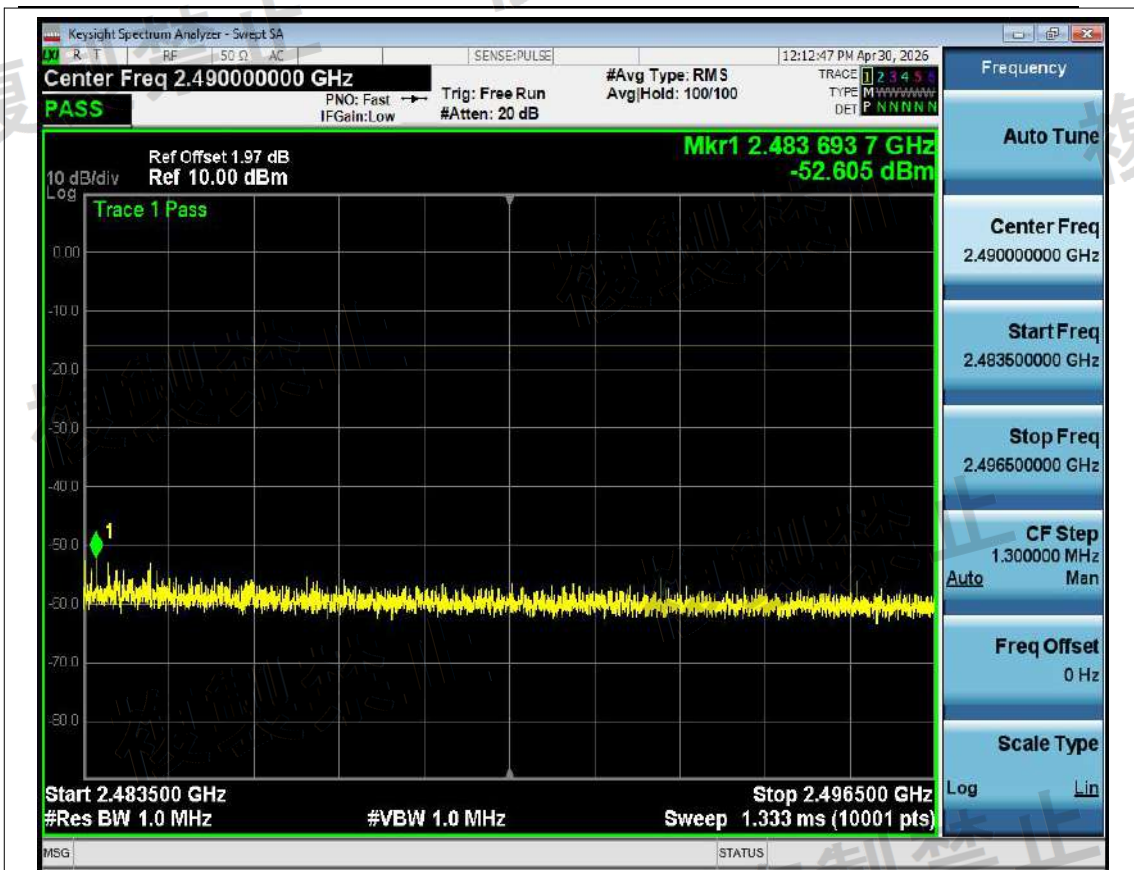
Tx. Spurious NVNT n20 2412MHz Ant1 @ 1000MHz-2387MHz



Tx. Spurious NVNT n20 2412MHz Ant1 @ 2387MHz-2400MHz



Tx. Spurious NVNT n20 2412MHz Ant1 @ 2387MHz-2400MHz Final



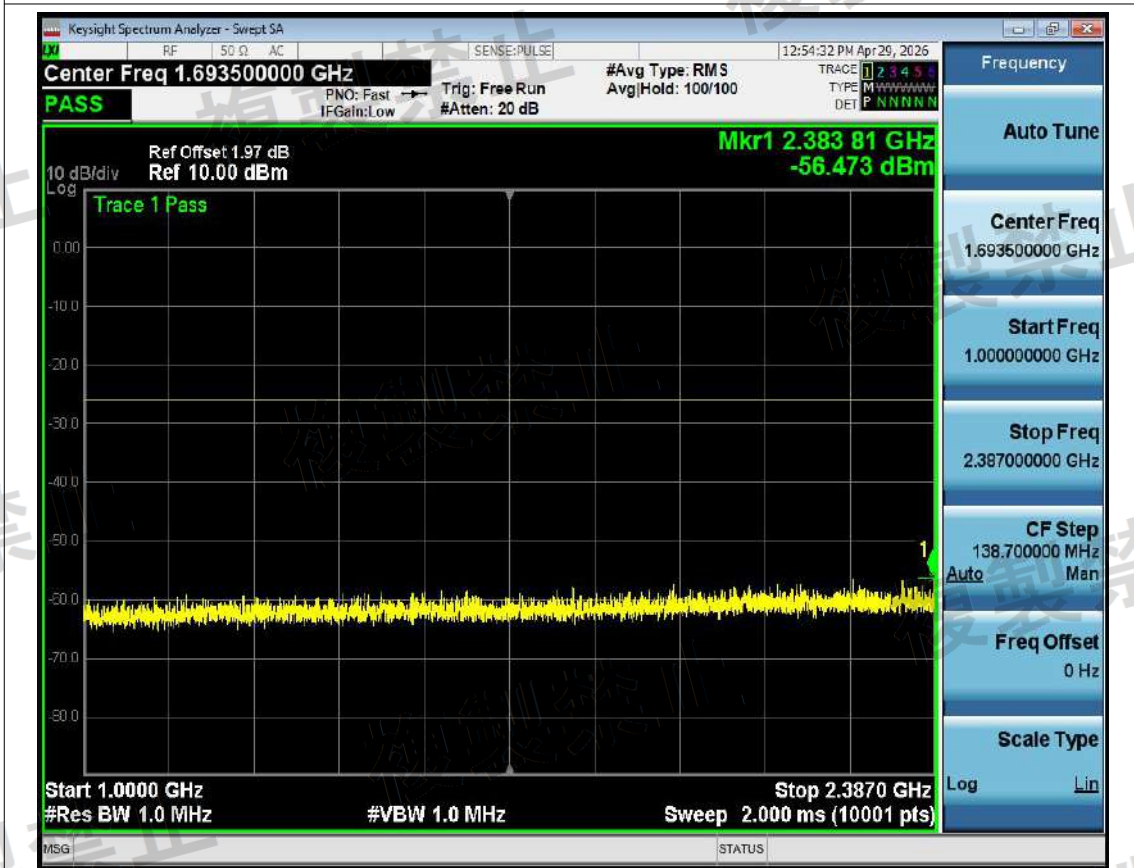
Tx. Spurious NVNT n20 2412MHz Ant1 @ 2483.5MHz-2496.5MHz



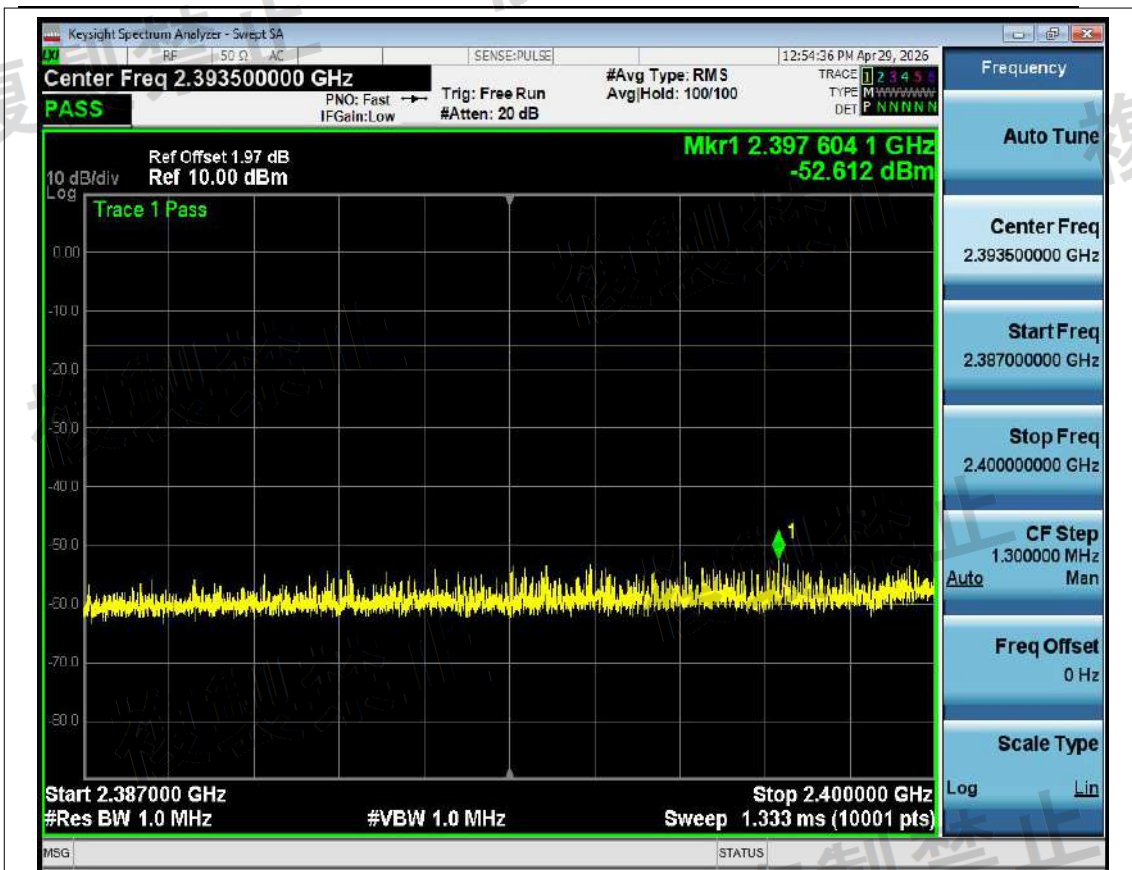
Tx. Spurious NVNT n20 2412MHz Ant1 @ 2496.5MHz-13000MHz



Tx. Spurious NVNT n20 2442MHz Ant1 @ 30MHz-1000MHz



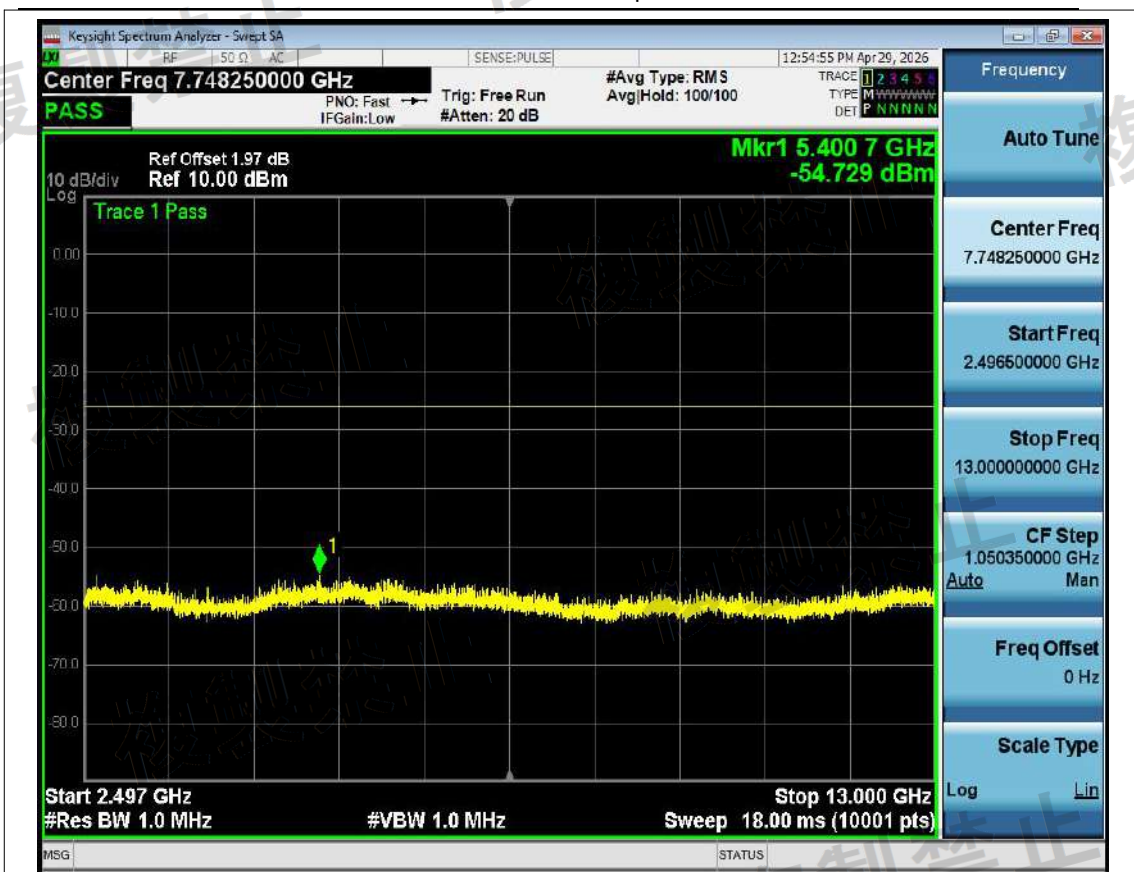
Tx. Spurious NVNT n20 2442MHz Ant1 @ 1000MHz-2387MHz



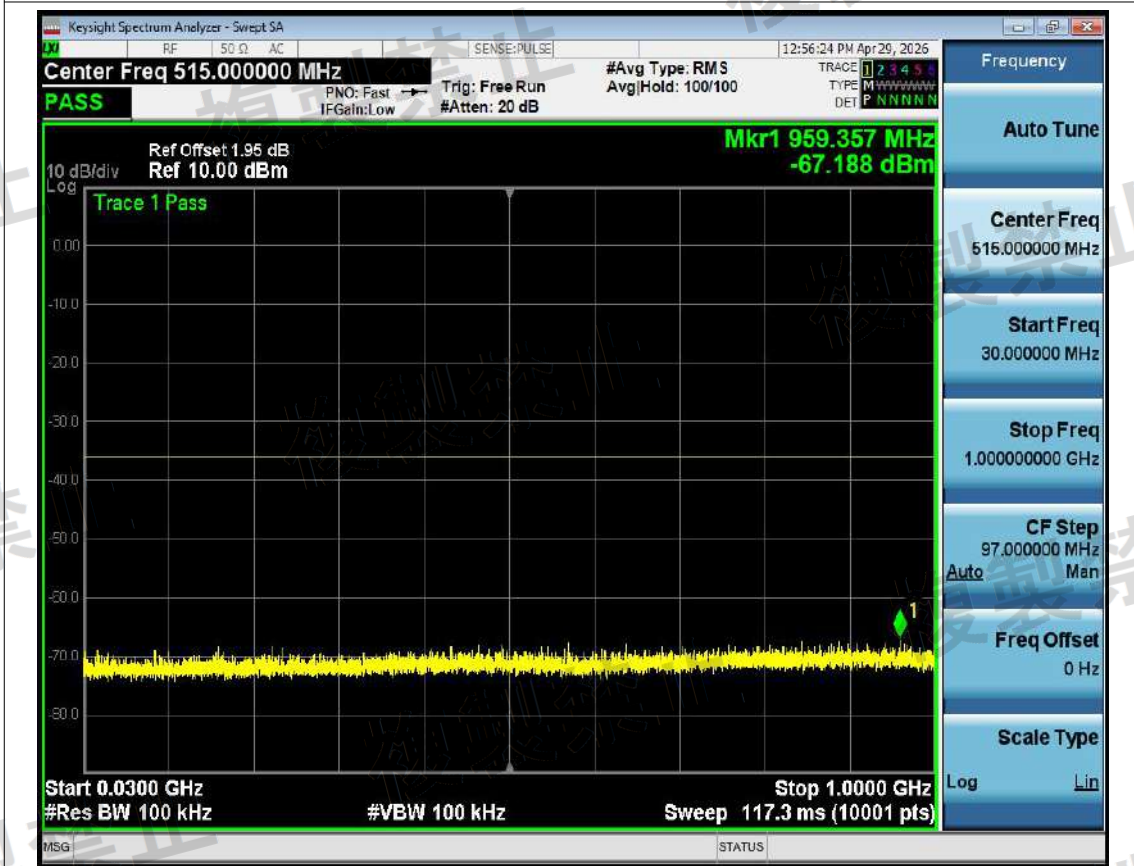
Tx. Spurious NVNT n20 2442MHz Ant1 @ 2387MHz-2400MHz



Tx. Spurious NVNT n20 2442MHz Ant1 @ 2483.5MHz-2496.5MHz



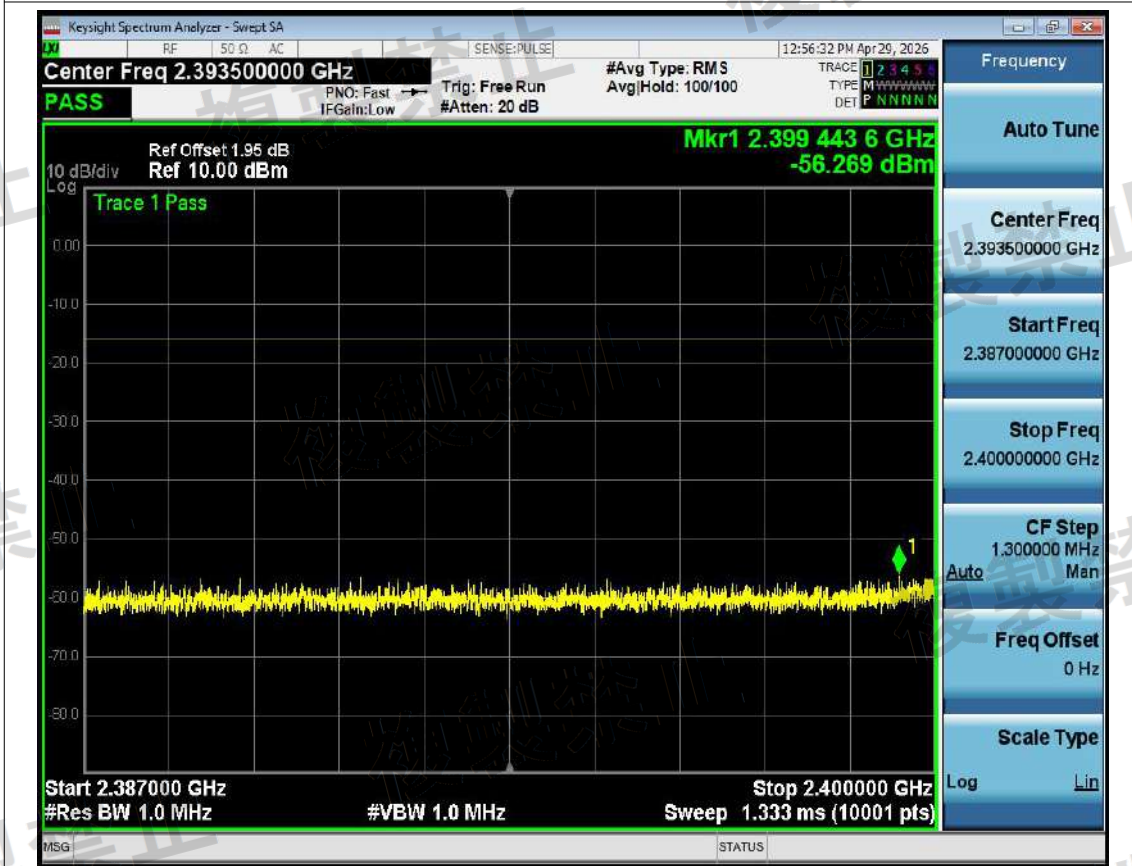
Tx. Spurious NVNT n20 2442MHz Ant1 @ 2496.5MHz-13000MHz



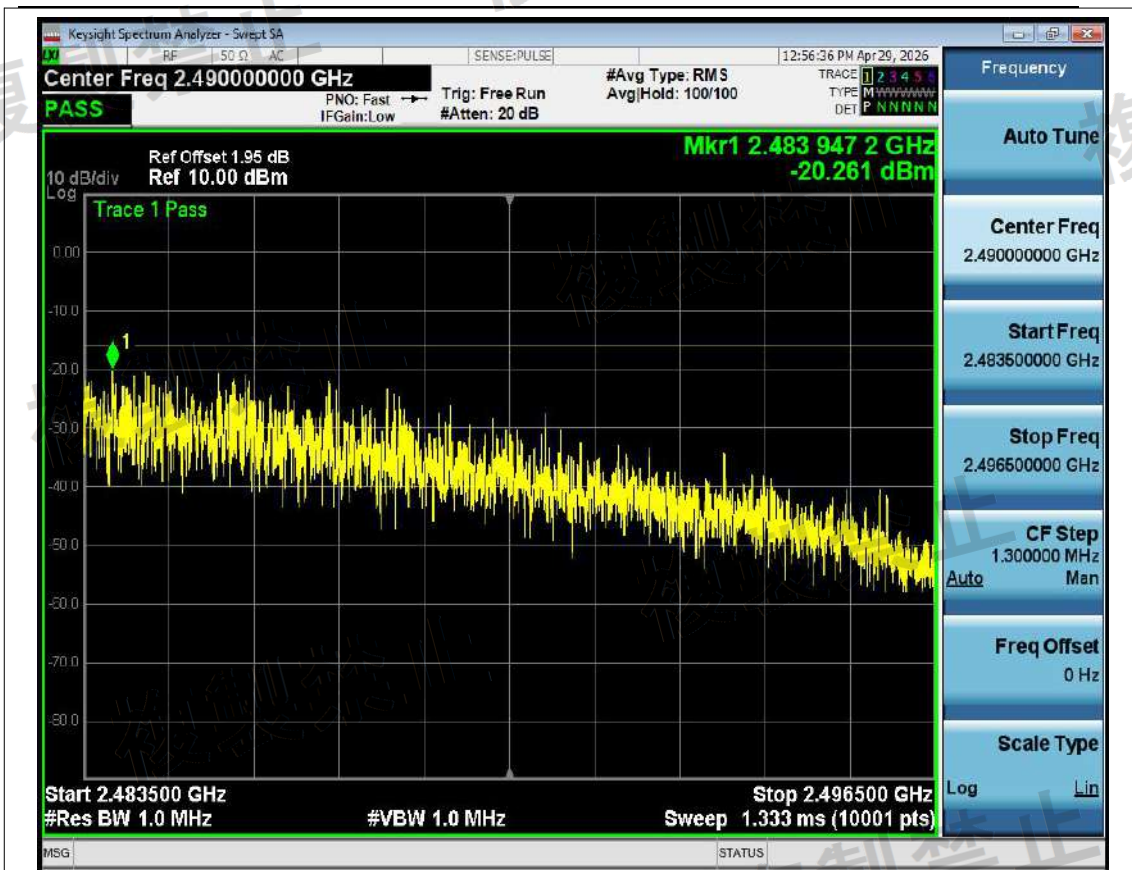
Tx. Spurious NVNT n20 2472MHz Ant1 @ 30MHz-1000MHz



Tx. Spurious NVNT n20 2472MHz Ant1 @ 1000MHz-2387MHz



Tx. Spurious NVNT n20 2472MHz Ant1 @ 2387MHz-2400MHz



Tx. Spurious NVNT n20 2472MHz Ant1 @ 2483.5MHz-2496.5MHz



Tx. Spurious NVNT n20 2472MHz Ant1 @ 2496.5MHz-13000MHz





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	b	2412	Ant1	30-1000	936.37	-77.34	NA	0.0185	NA	4	Pass
NVNT	b	2412	Ant1	1000-13000	6383.20	-64.85	NA	0.3273	NA	20	Pass
NVNT	b	2442	Ant1	30-1000	994.96	-77.78	NA	0.0167	NA	4	Pass
NVNT	b	2442	Ant1	1000-13000	5731.60	-64.97	NA	0.3184	NA	20	Pass
NVNT	b	2472	Ant1	30-1000	759.63	-77.58	NA	0.0175	NA	4	Pass
NVNT	b	2472	Ant1	1000-13000	5860.00	-64.21	NA	0.3793	NA	20	Pass
NVNT	g	2412	Ant1	30-1000	899.02	-76.76	NA	0.0211	NA	4	Pass
NVNT	g	2412	Ant1	1000-13000	5756.80	-64.94	NA	0.3206	NA	20	Pass
NVNT	g	2442	Ant1	30-1000	862.75	-77.58	NA	0.0175	NA	4	Pass
NVNT	g	2442	Ant1	1000-13000	2612.80	-60.29	NA	0.9354	NA	20	Pass
NVNT	g	2472	Ant1	30-1000	861.29	-77.53	NA	0.0177	NA	4	Pass
NVNT	g	2472	Ant1	1000-13000	6414.40	-64.67	NA	0.3412	NA	20	Pass
NVNT	n20	2412	Ant1	30-1000	984.58	-77.19	NA	0.0191	NA	4	Pass
NVNT	n20	2412	Ant1	1000-13000	5882.80	-64.92	NA	0.3221	NA	20	Pass
NVNT	n20	2442	Ant1	30-1000	945.78	-77.47	NA	0.0179	NA	4	Pass
NVNT	n20	2442	Ant1	1000-13000	5956.00	-64.61	NA	0.3459	NA	20	Pass
NVNT	n20	2472	Ant1	30-1000	877.68	-77.38	NA	0.0183	NA	4	Pass
NVNT	n20	2472	Ant1	1000-13000	5640.40	-65.2	NA	0.301	NA	20	Pass



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Rx. Spurious NVNT b 2412MHz Ant1 @ 30MHz-1000MHz



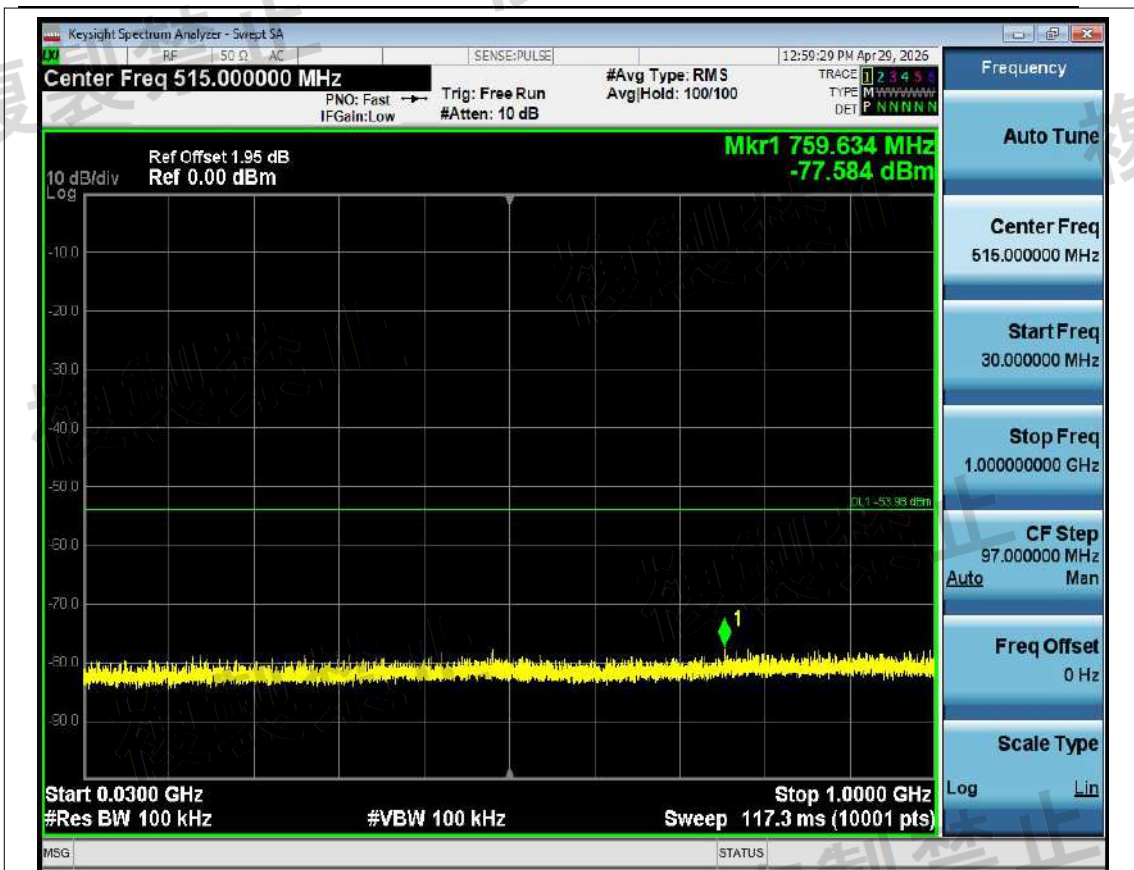
Rx. Spurious NVNT b 2412MHz Ant1 @ 1000MHz-13000MHz



Rx. Spurious NVNT b 2442MHz Ant1 @ 30MHz-1000MHz



Rx. Spurious NVNT b 2442MHz Ant1 @ 1000MHz-13000MHz



Rx. Spurious NVNT b 2472MHz Ant1 @ 30MHz-1000MHz



Rx. Spurious NVNT b 2472MHz Ant1 @ 1000MHz-13000MHz



Rx. Spurious NVNT g 2412MHz Ant1 @ 30MHz-1000MHz



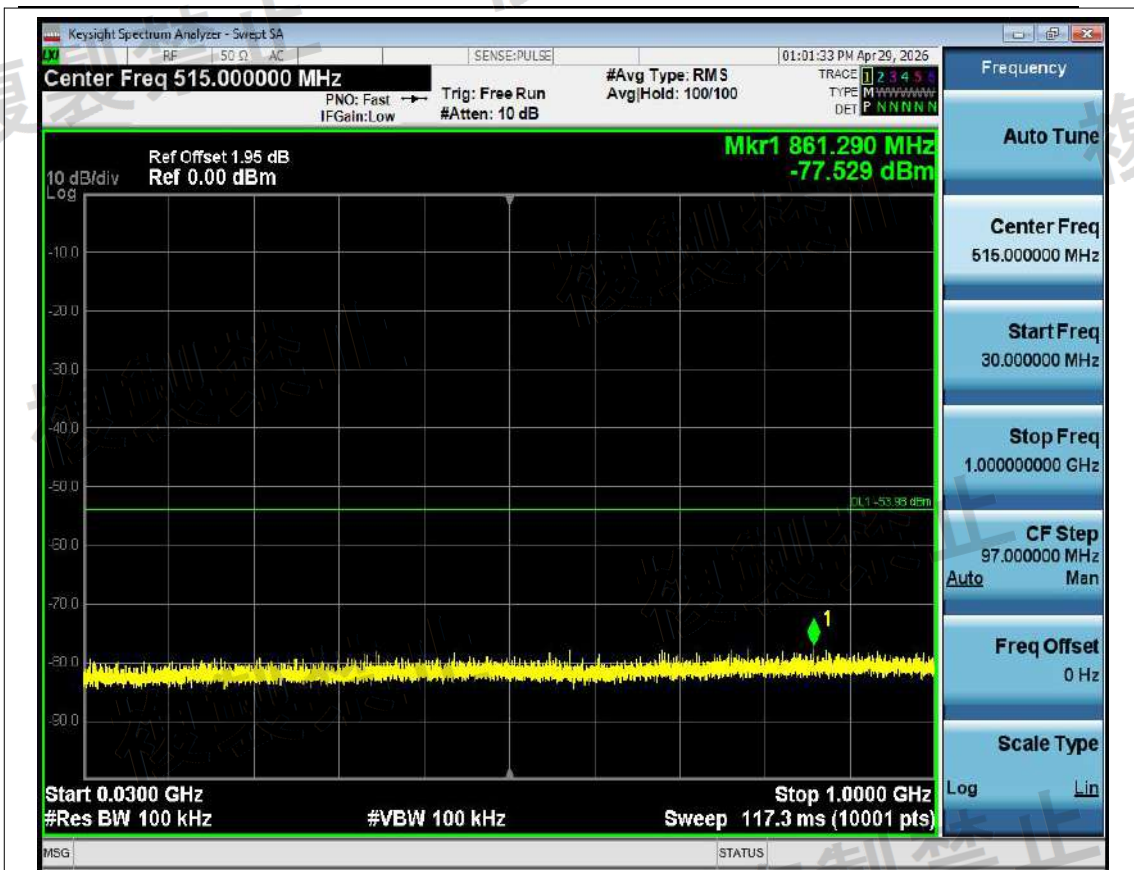
Rx. Spurious NVNT g 2412MHz Ant1 @ 1000MHz-13000MHz



Rx. Spurious NVNT g 2442MHz Ant1 @ 30MHz-1000MHz



Rx. Spurious NVNT g 2442MHz Ant1 @ 1000MHz-13000MHz



Rx. Spurious NVNT g 2472MHz Ant1 @ 30MHz-1000MHz



Rx. Spurious NVNT g 2472MHz Ant1 @ 1000MHz-13000MHz



Rx. Spurious NVNT n20 2412MHz Ant1 @ 30MHz-1000MHz



Rx. Spurious NVNT n20 2412MHz Ant1 @ 1000MHz-13000MHz



Rx. Spurious NVNT n20 2442MHz Ant1 @ 30MHz-1000MHz



Rx. Spurious NVNT n20 2442MHz Ant1 @ 1000MHz-13000MHz



Rx. Spurious NVNT n20 2472MHz Ant1 @ 30MHz-1000MHz



Rx. Spurious NVNT n20 2472MHz Ant1 @ 1000MHz-13000MHz

