



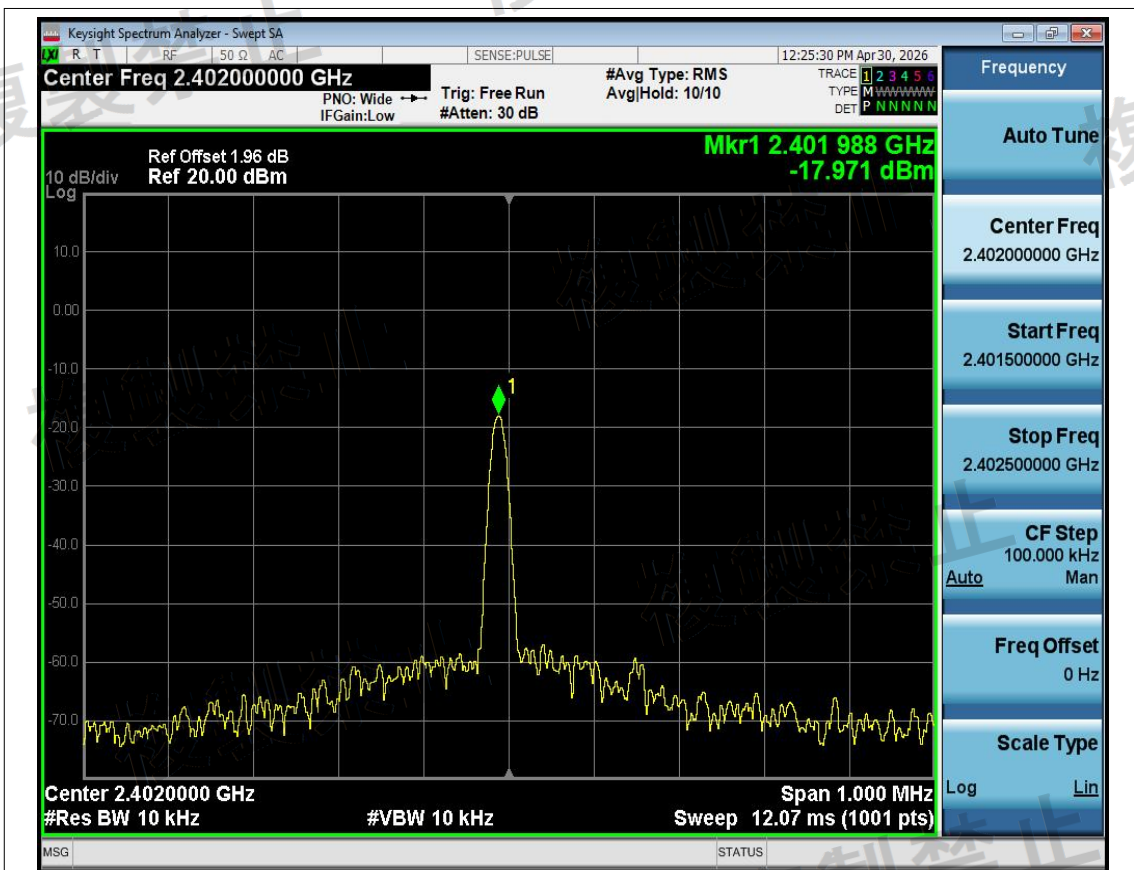
RF Test Data

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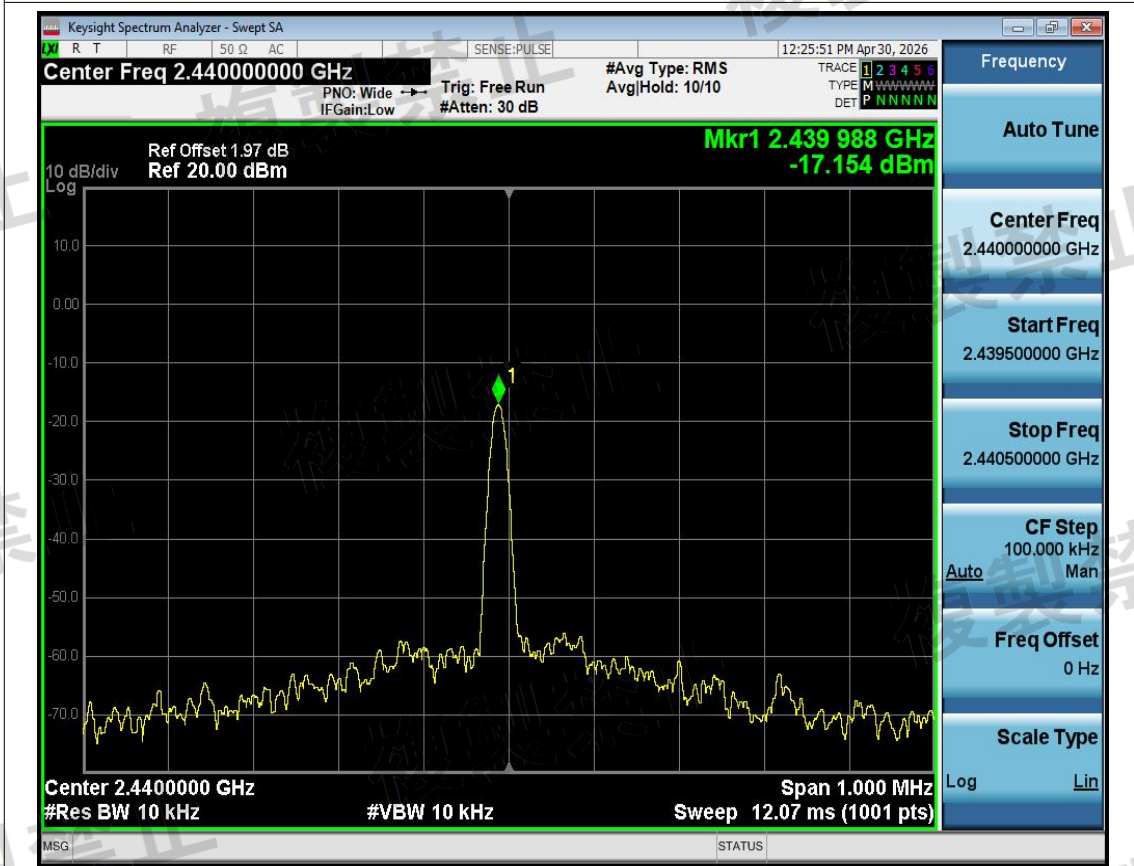


Frequency Error

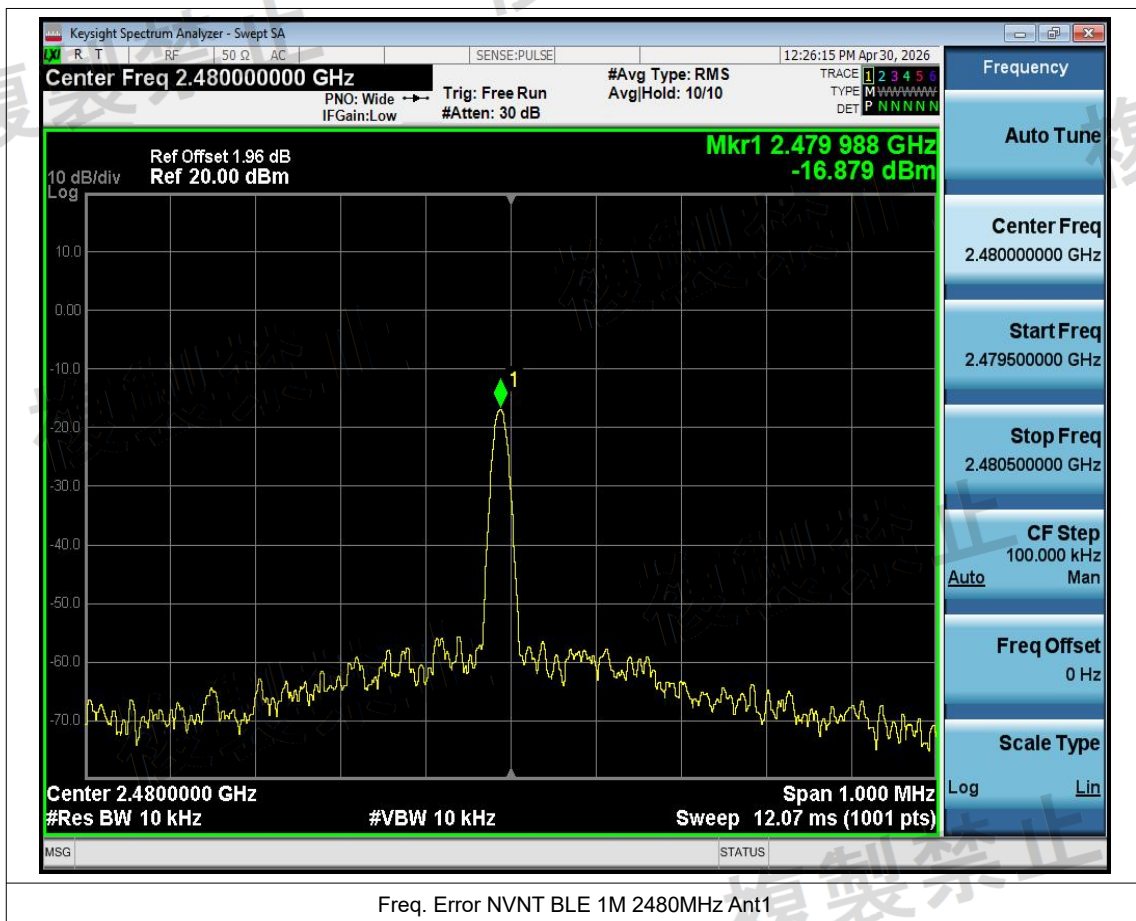
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	BLE 1M	2402	Ant1	2401.988	-12000	-5	50	Pass
NVNT	BLE 1M	2440	Ant1	2439.988	-12000	-4.92	50	Pass
NVNT	BLE 1M	2480	Ant1	2479.988	-12000	-4.84	50	Pass



Freq. Error NVNT BLE 1M 2402MHz Ant1



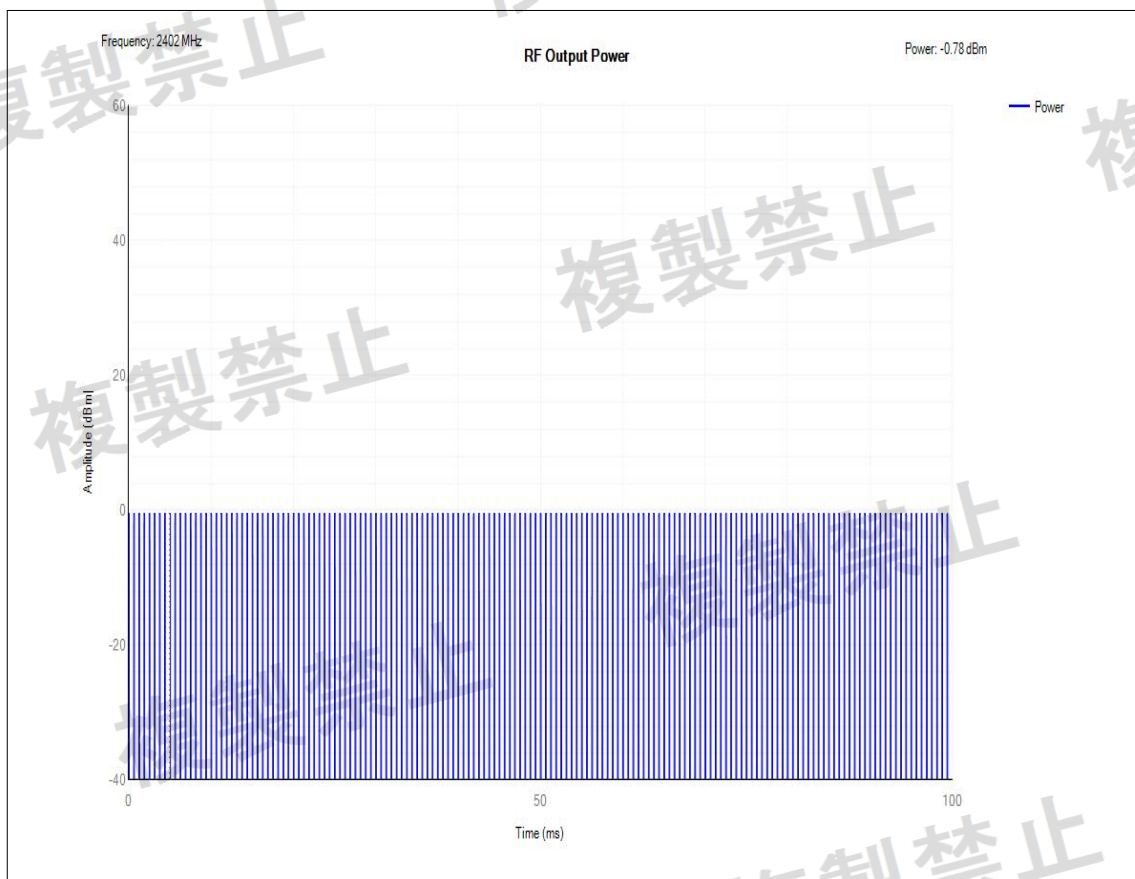
Freq. Error NVNT BLE 1M 2440MHz Ant1



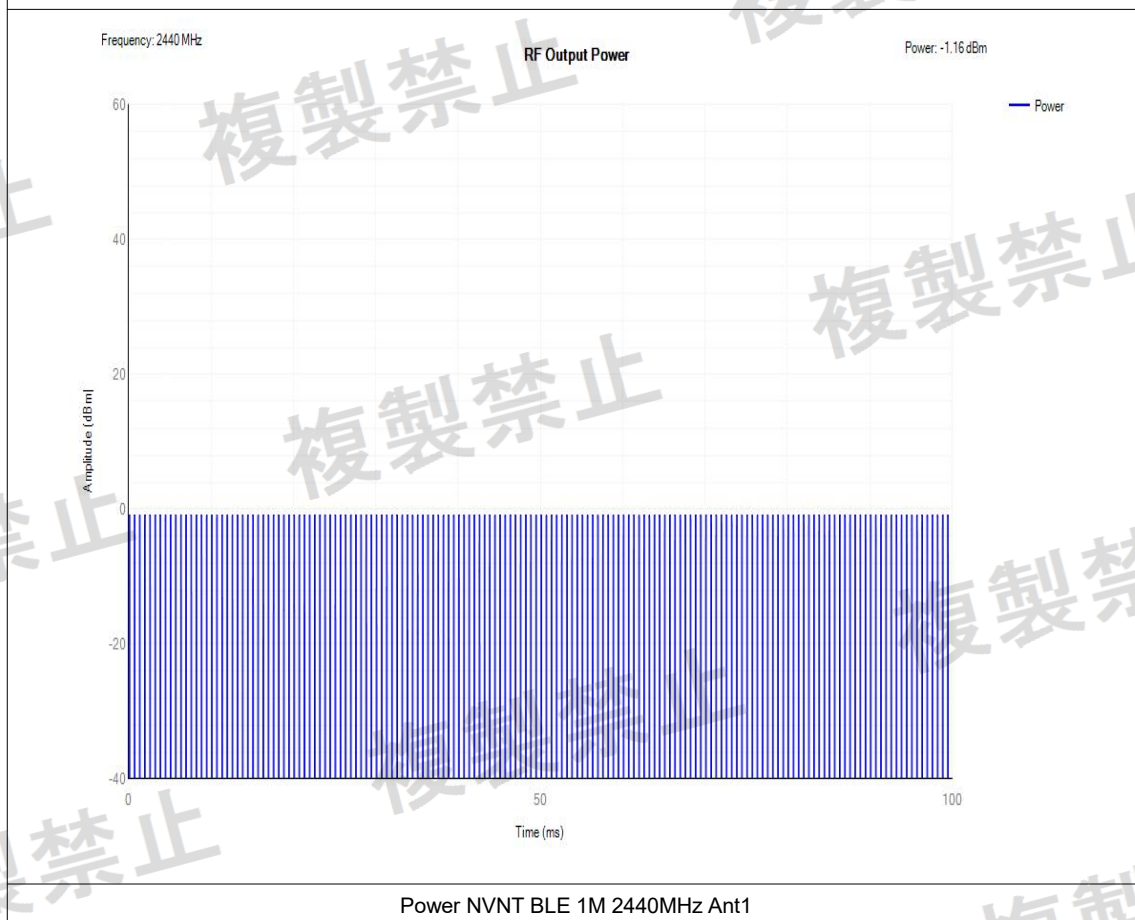


Antenna Power

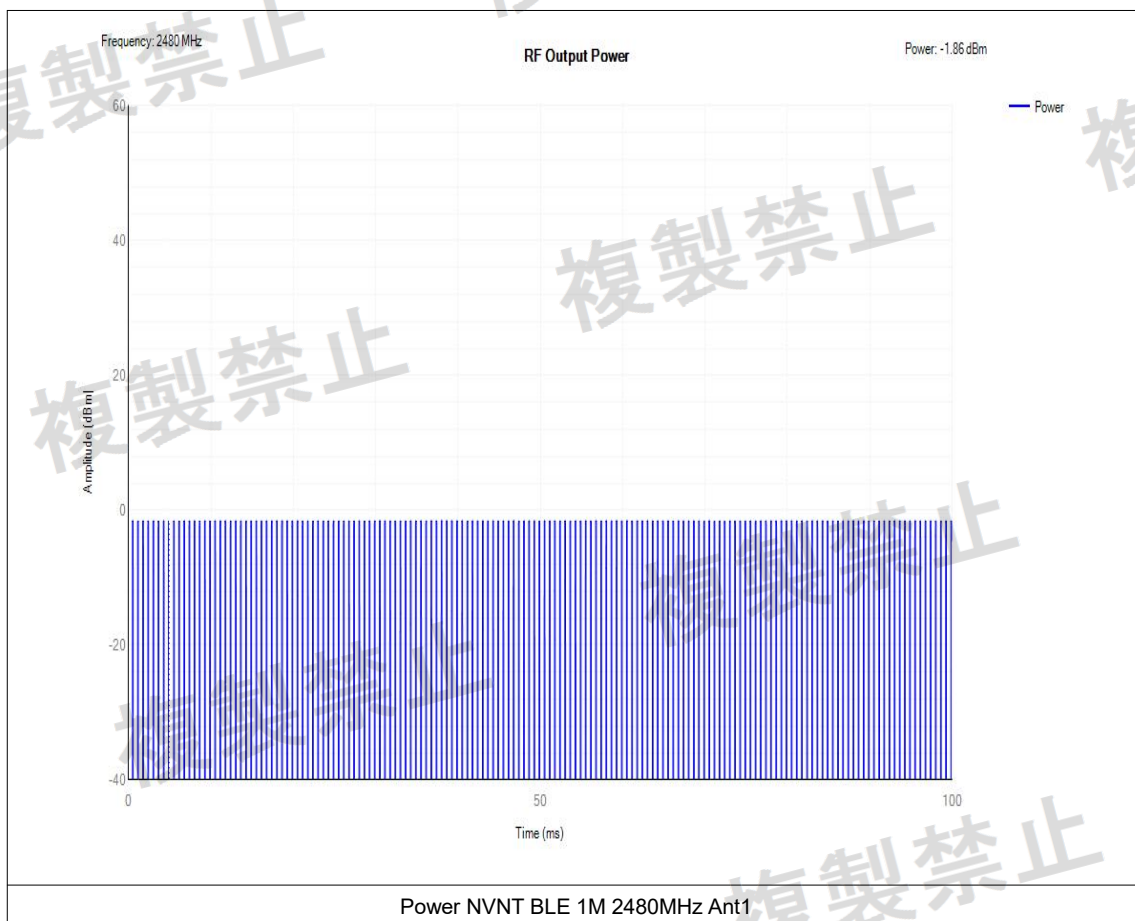
Condition	Mode	Frequency (MHz)	Antenna	Power (dBm)	Power (mW)	Limit (mW)	Declared Power (mW)	Tolerance (%)	Upper Limit (%)	Verdict
NVNT	BLE 1M	2402	Ant1	-0.78	0.836	10	1	-16.4	20	Pass
NVNT	BLE 1M	2440	Ant1	-1.16	0.766	10	1	-23.4	20	Pass
NVNT	BLE 1M	2480	Ant1	-1.86	0.652	10	1	-34.8	20	Pass



Power NVNT BLE 1M 2402MHz Ant1



Power NVNT BLE 1M 2440MHz Ant1





EIRP Power

Condition	Mode	Frequency (MHz)	Antenna	Antenna Power (mW)	Antenna Power (dBm)	Gain (dBi)	EIRP Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	0.836	-0.78	0.28	-0.5	12.14	Pass
NVNT	BLE 1M	2440	Ant1	0.766	-1.16	0.28	-0.88	12.14	Pass
NVNT	BLE 1M	2480	Ant1	0.652	-1.86	0.28	-1.58	12.14	Pass



Occupied Channel Bandwidth

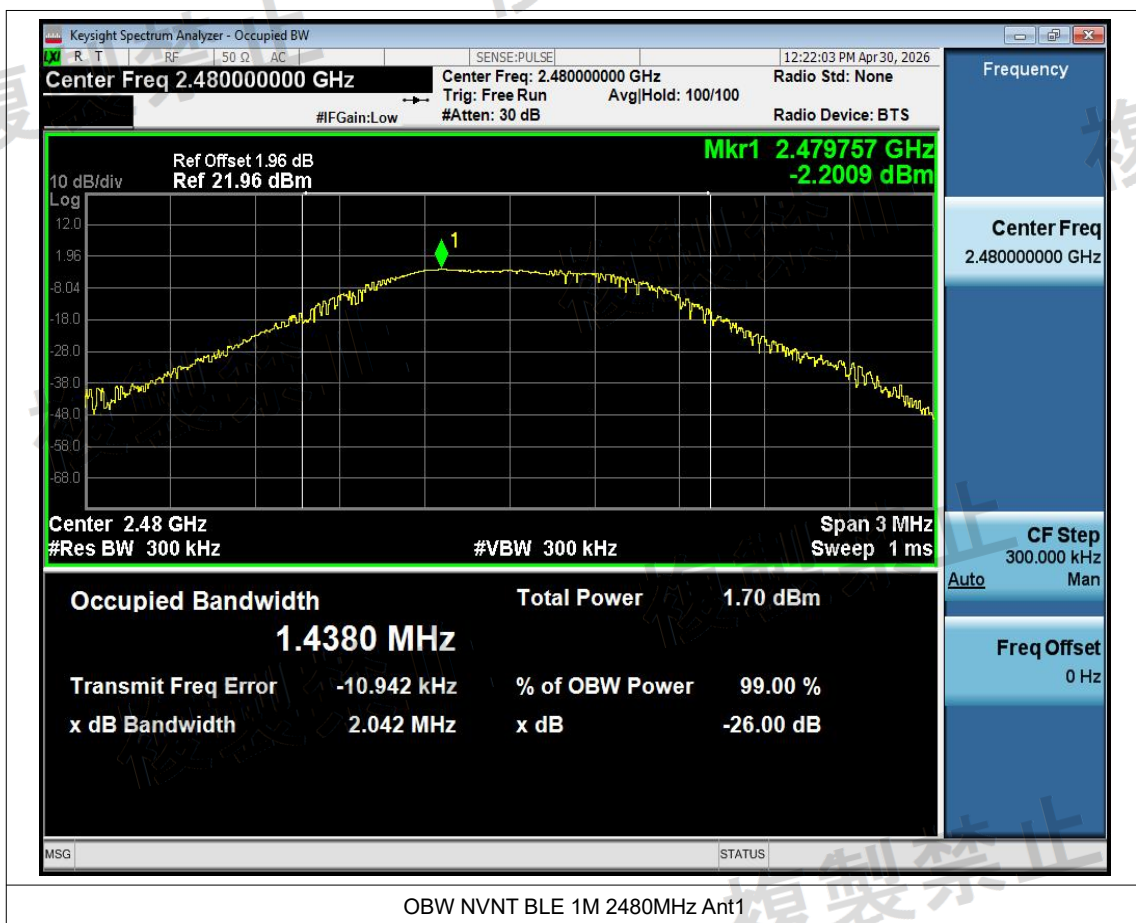
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)	Lower Limit (MHz)	Upper Limit (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	1.3799	N/A	26	Pass
NVNT	BLE 1M	2440	Ant1	1.4469	N/A	26	Pass
NVNT	BLE 1M	2480	Ant1	1.438	N/A	26	Pass



OBW NVNT BLE 1M 2402MHz Ant1



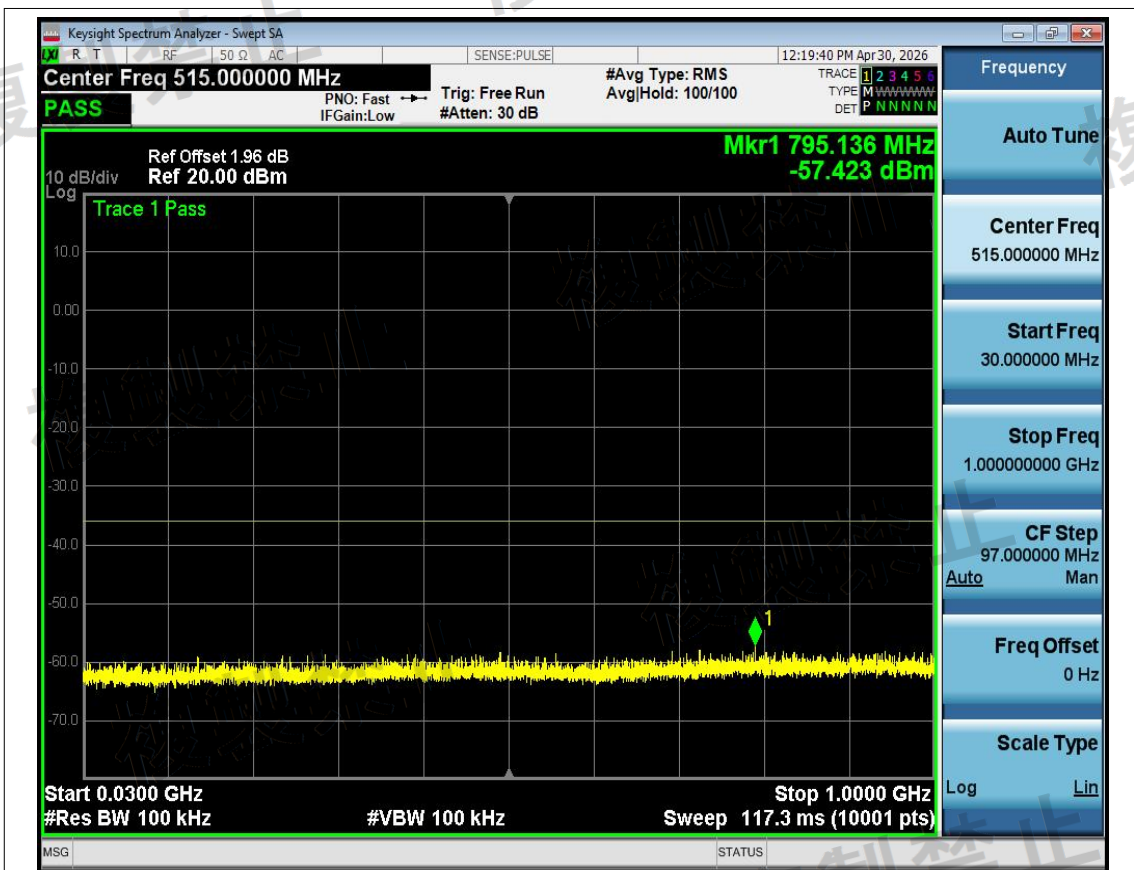
OBW NVNT BLE 1M 2440MHz Ant1



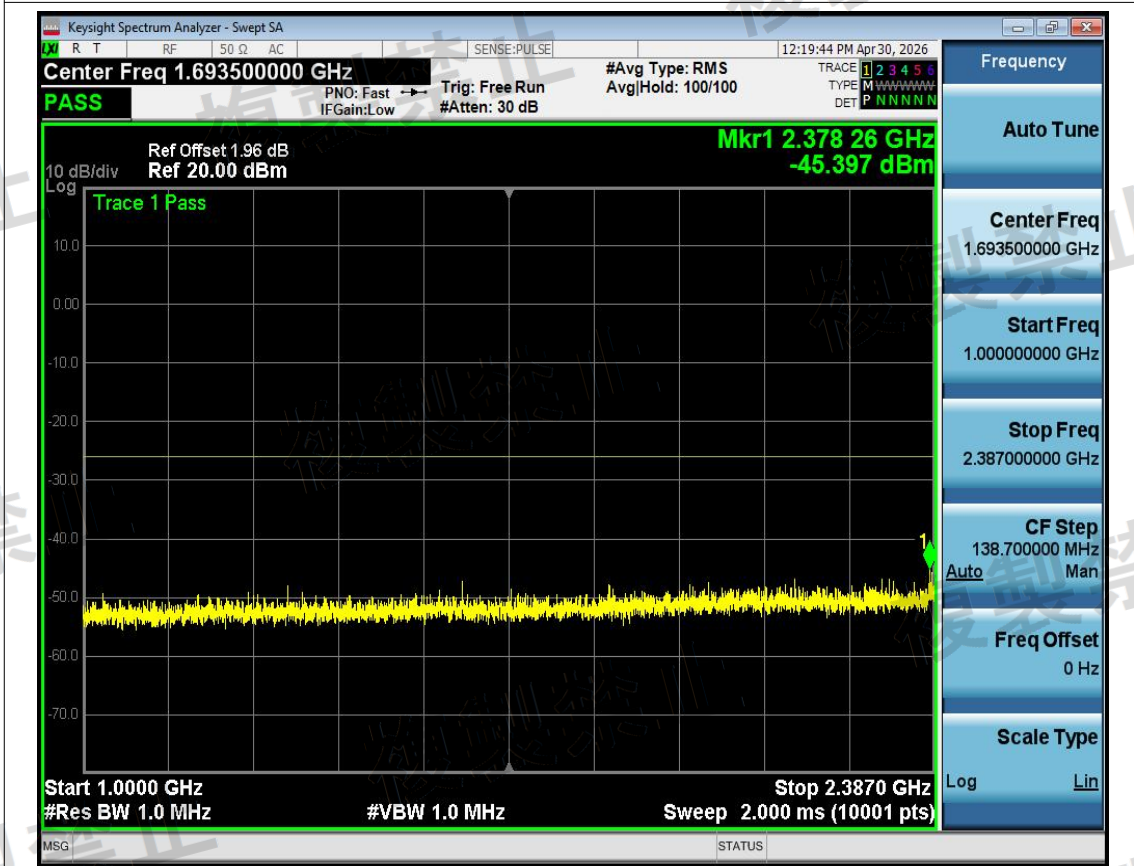


Tx Spurious Emission

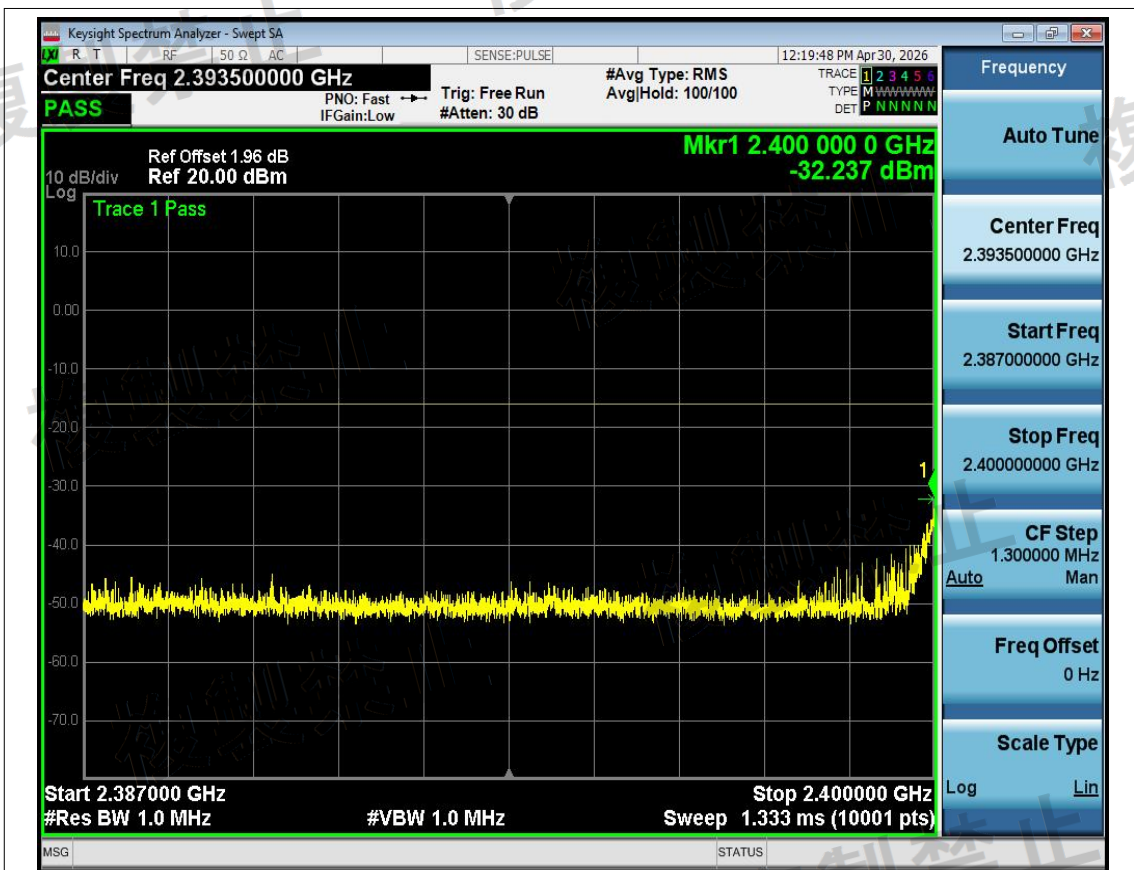
Condi tion	Mode	Freq uenc y (MHz)	Anten na	Range (MHz)	Emissi on Freque ncy (MHz)	Max Pea k Valu e (dB m)	Max RM S Valu e (dB m)	Max Pea k Valu e (uW)	Ma x RM S Val ue (u W)	Limit Start(u W)	Li mit Sto p (u W)	Verd ict
NVNT	BLE 1M	2402	Ant1	30-1000	795.14	-57. 42	NA	0.00 18	NA	0.25	0.2 5	Pass
NVNT	BLE 1M	2402	Ant1	1000-238 7	2378.26	-45. 39	NA	0.02 89	NA	2.5	2.5	Pass
NVNT	BLE 1M	2402	Ant1	2387-240 0	2400.00	-32. 23	NA	0.59 84	NA	25	25	Pass
NVNT	BLE 1M	2402	Ant1	2483.5-24 96.5	2484.39	-47. 06	NA	0.01 97	NA	25	25	Pass
NVNT	BLE 1M	2402	Ant1	2496.5-13 000	4804.12	-37. 61	NA	0.17 34	NA	2.5	2.5	Pass
NVNT	BLE 1M	2440	Ant1	30-1000	937.05	-57. 25	NA	0.00 19	NA	0.25	0.2 5	Pass
NVNT	BLE 1M	2440	Ant1	1000-238 7	2281.31	-47. 28	NA	0.01 87	NA	2.5	2.5	Pass
NVNT	BLE 1M	2440	Ant1	2387-240 0	2391.91	-46. 03	NA	0.02 49	NA	25	25	Pass
NVNT	BLE 1M	2440	Ant1	2483.5-24 96.5	2488.21	-45. 98	NA	0.02 52	NA	25	25	Pass
NVNT	BLE 1M	2440	Ant1	2496.5-13 000	4880.79	-37. 86	NA	0.16 37	NA	2.5	2.5	Pass
NVNT	BLE 1M	2480	Ant1	30-1000	845.87	-57. 65	NA	0.00 17	NA	0.25	0.2 5	Pass
NVNT	BLE 1M	2480	Ant1	1000-238 7	2208.35	-45. 76	NA	0.02 65	NA	2.5	2.5	Pass
NVNT	BLE 1M	2480	Ant1	2387-240 0	2388.83	-46. 97	NA	0.02 01	NA	25	25	Pass
NVNT	BLE 1M	2480	Ant1	2483.5-24 96.5	2483.58	-44. 26	NA	0.03 75	NA	25	25	Pass
NVNT	BLE 1M	2480	Ant1	2496.5-13 000	4960.62	-38. 23	NA	0.15 03	NA	2.5	2.5	Pass



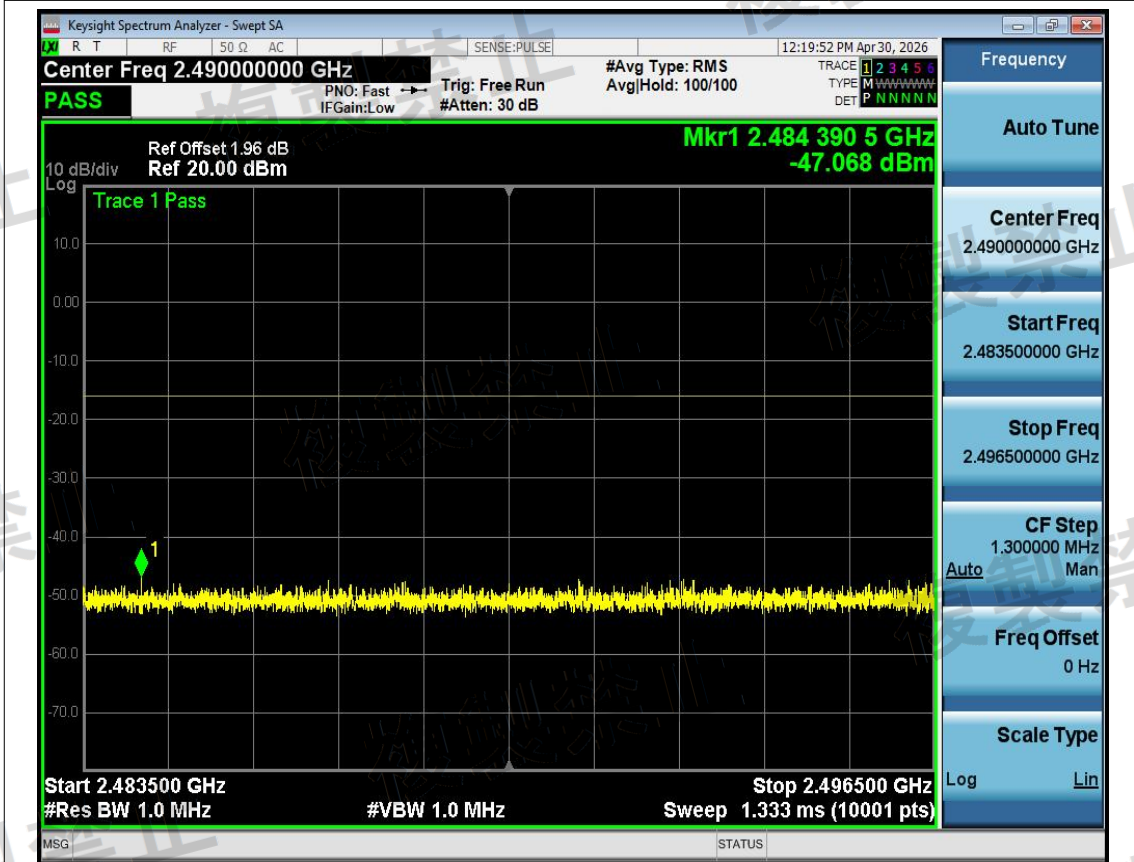
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 30MHz-1000MHz



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



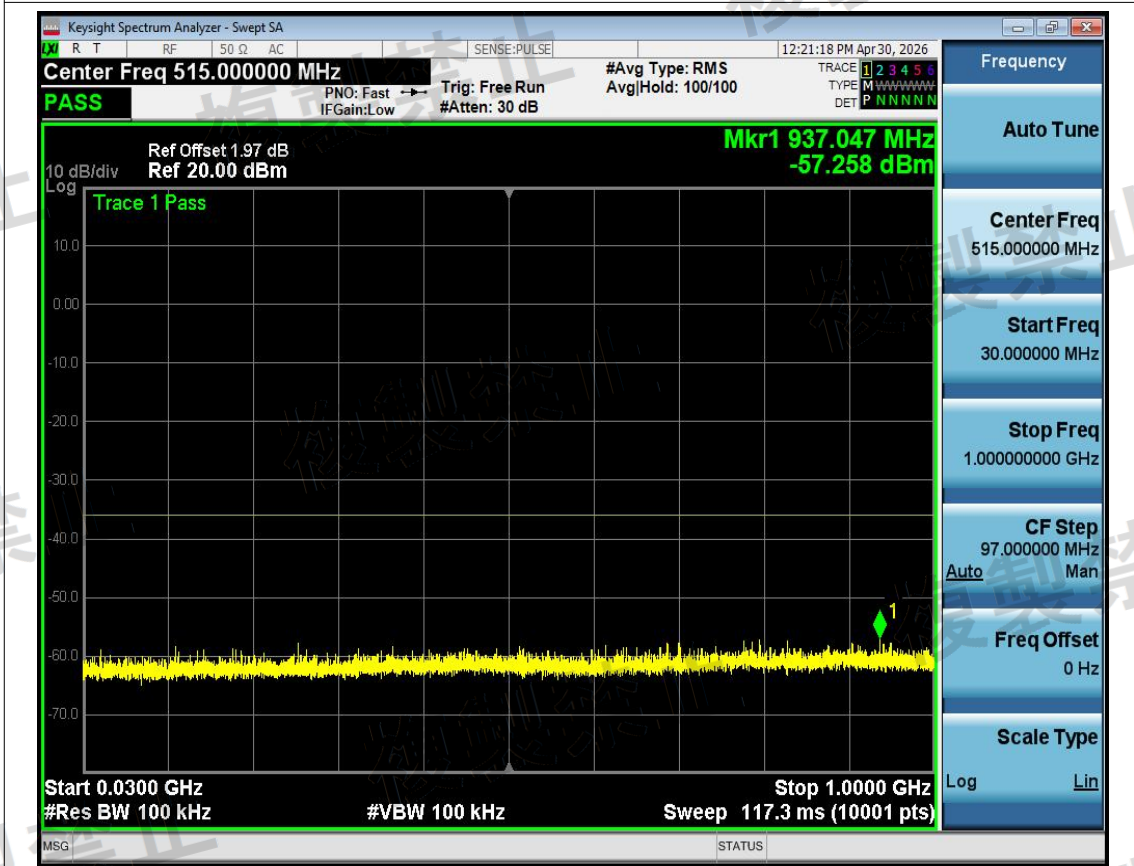
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 2387MHz-2400MHz



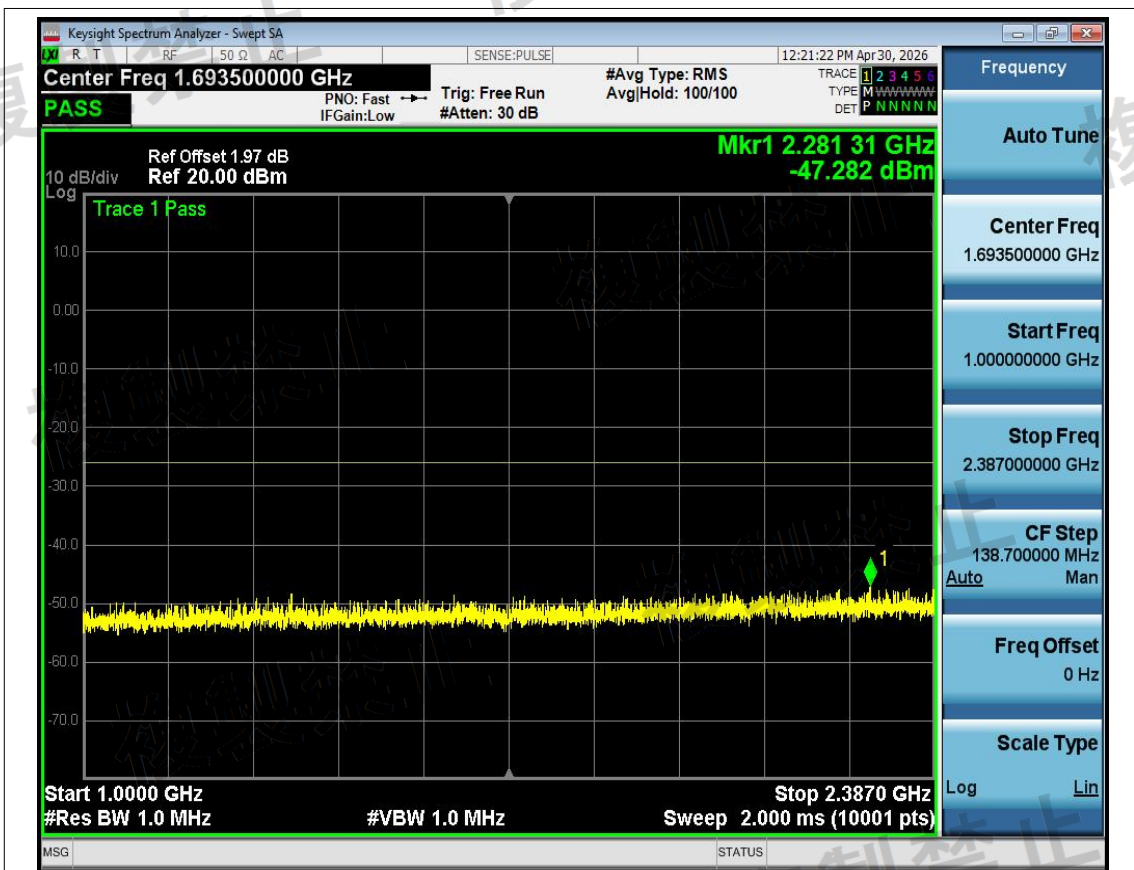
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 2483.5MHz-2496.5MHz



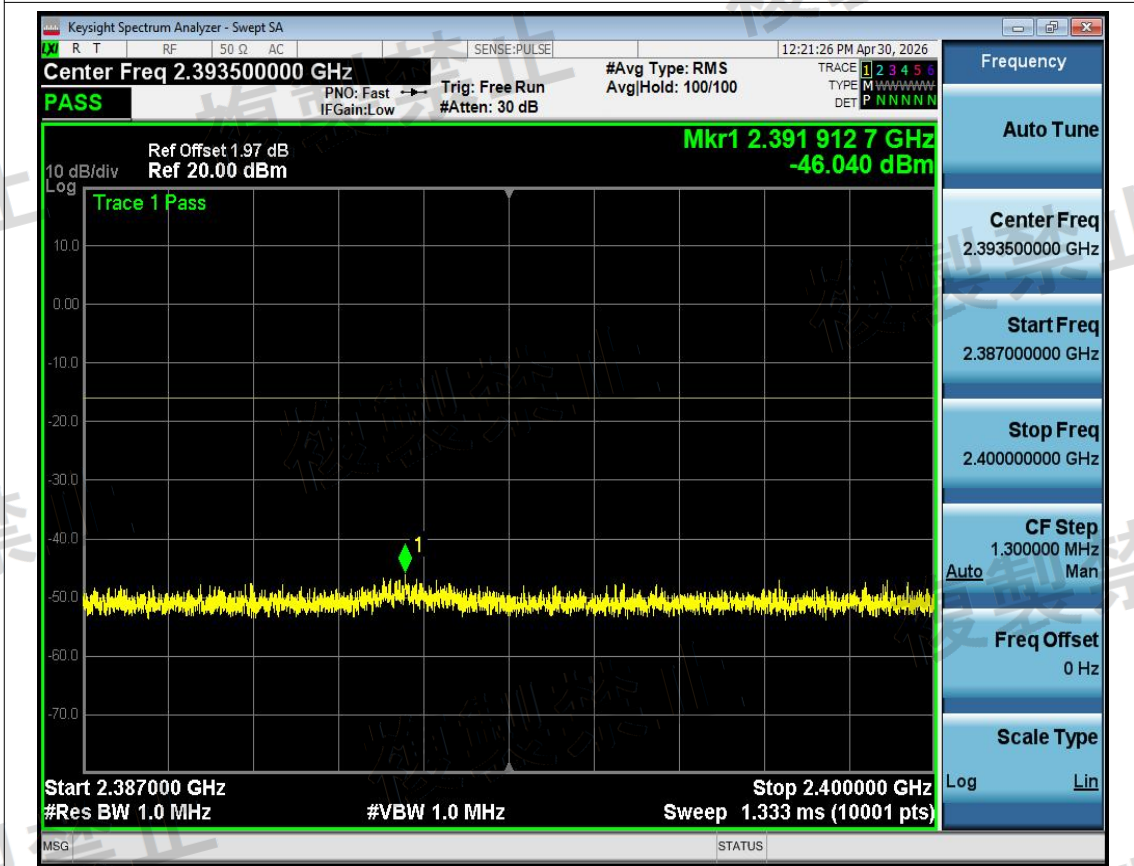
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 2496.5MHz-13000MHz



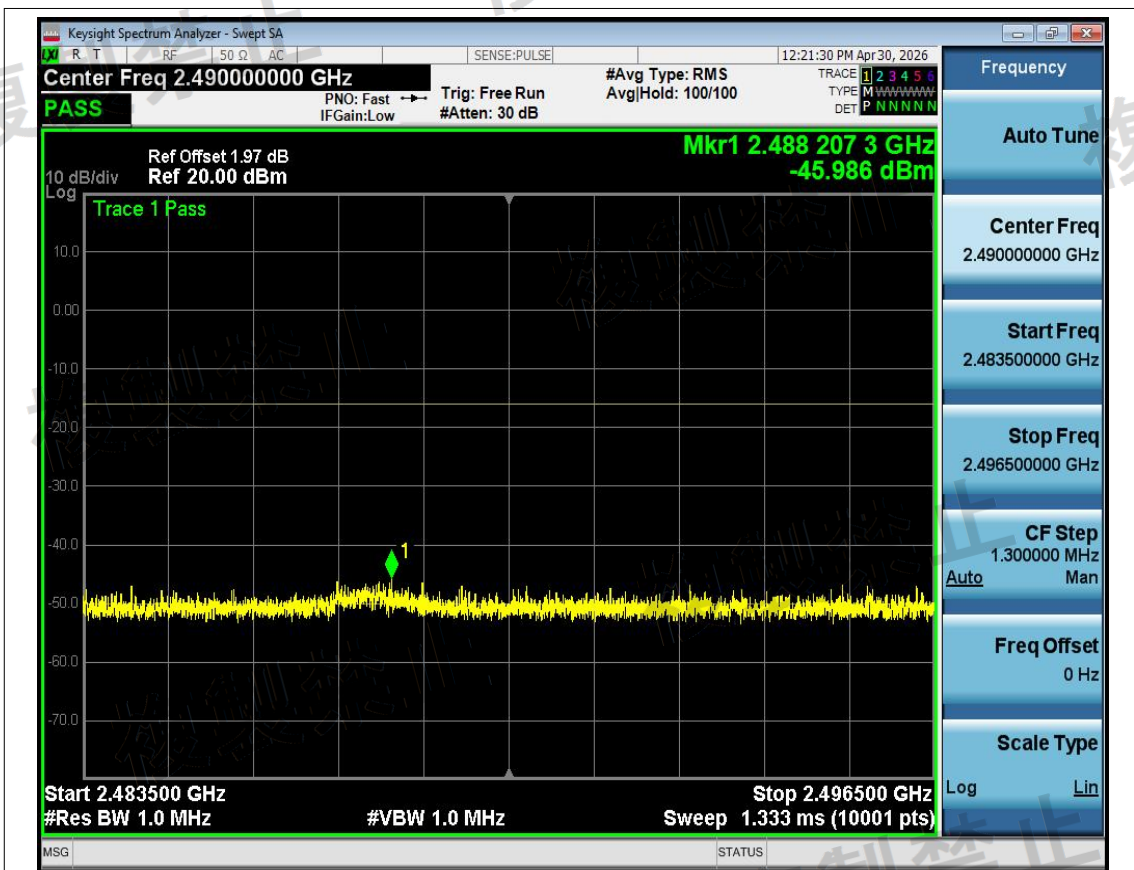
Tx. Spurious NVNT BLE 1M 2440MHz Ant1 @ 30MHz-1000MHz



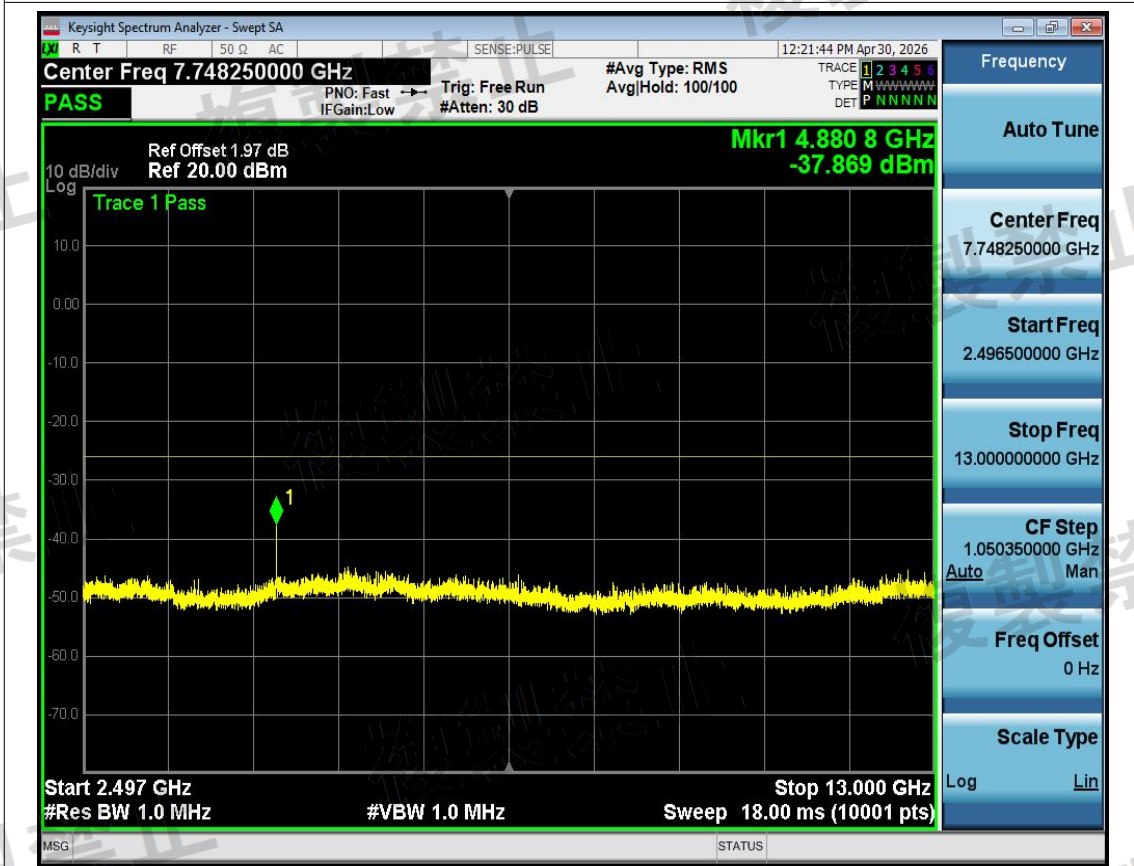
Tx. Spurious NVNT BLE 1M 2440MHz Ant1 @ 1000MHz-2387MHz



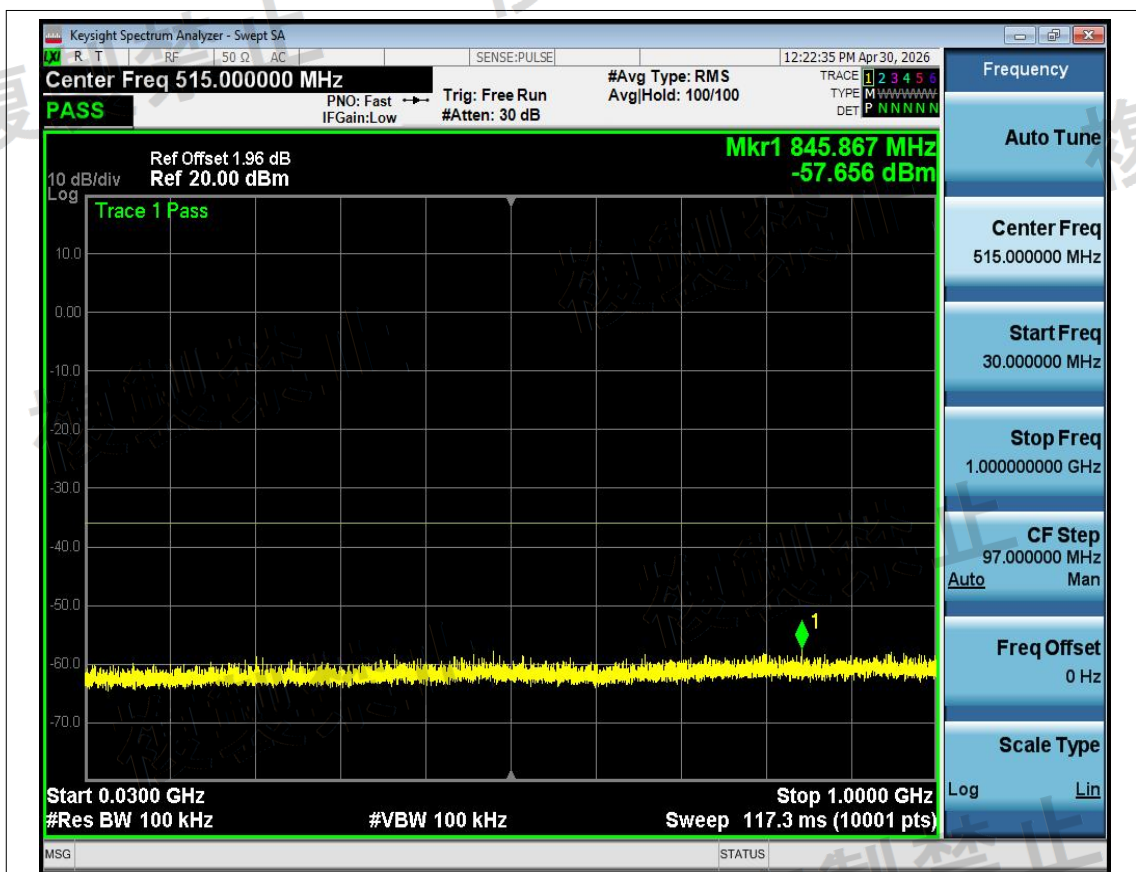
Tx. Spurious NVNT BLE 1M 2440MHz Ant1 @ 2387MHz-2400MHz



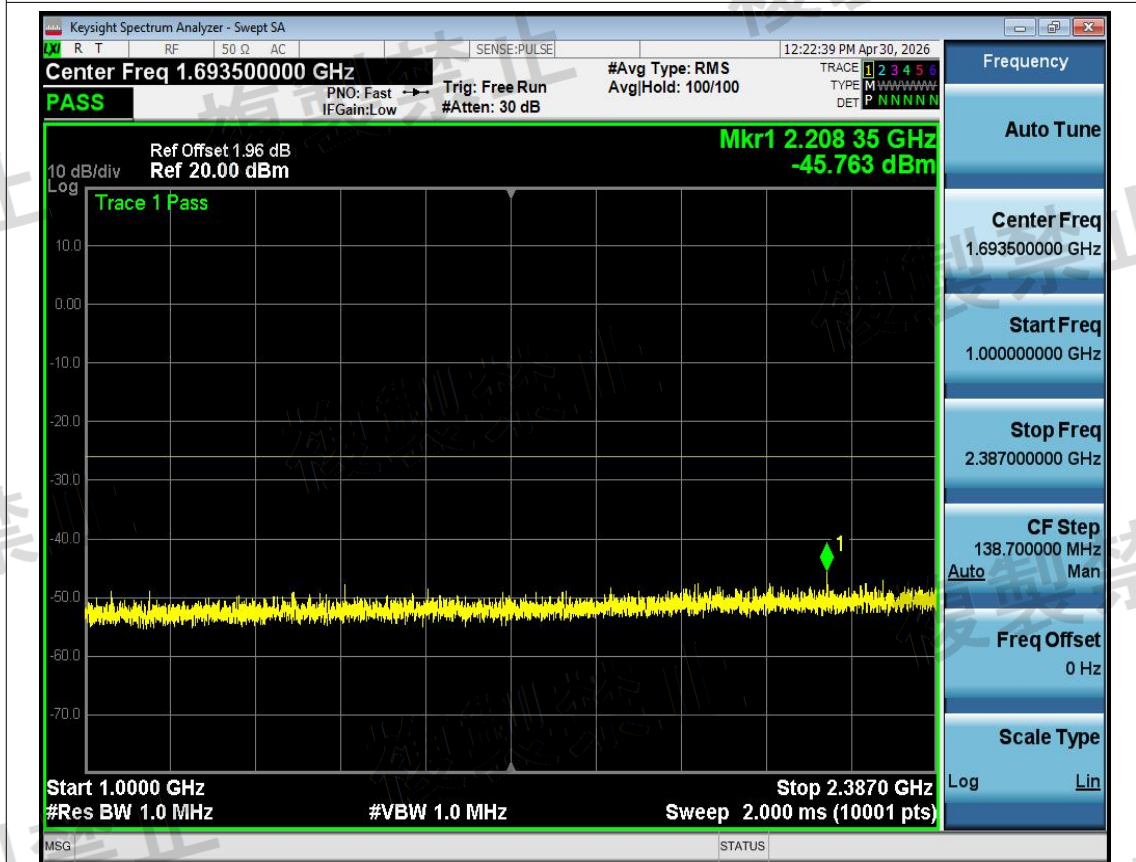
Tx. Spurious NVNT BLE 1M 2440MHz Ant1 @ 2483.5MHz-2496.5MHz



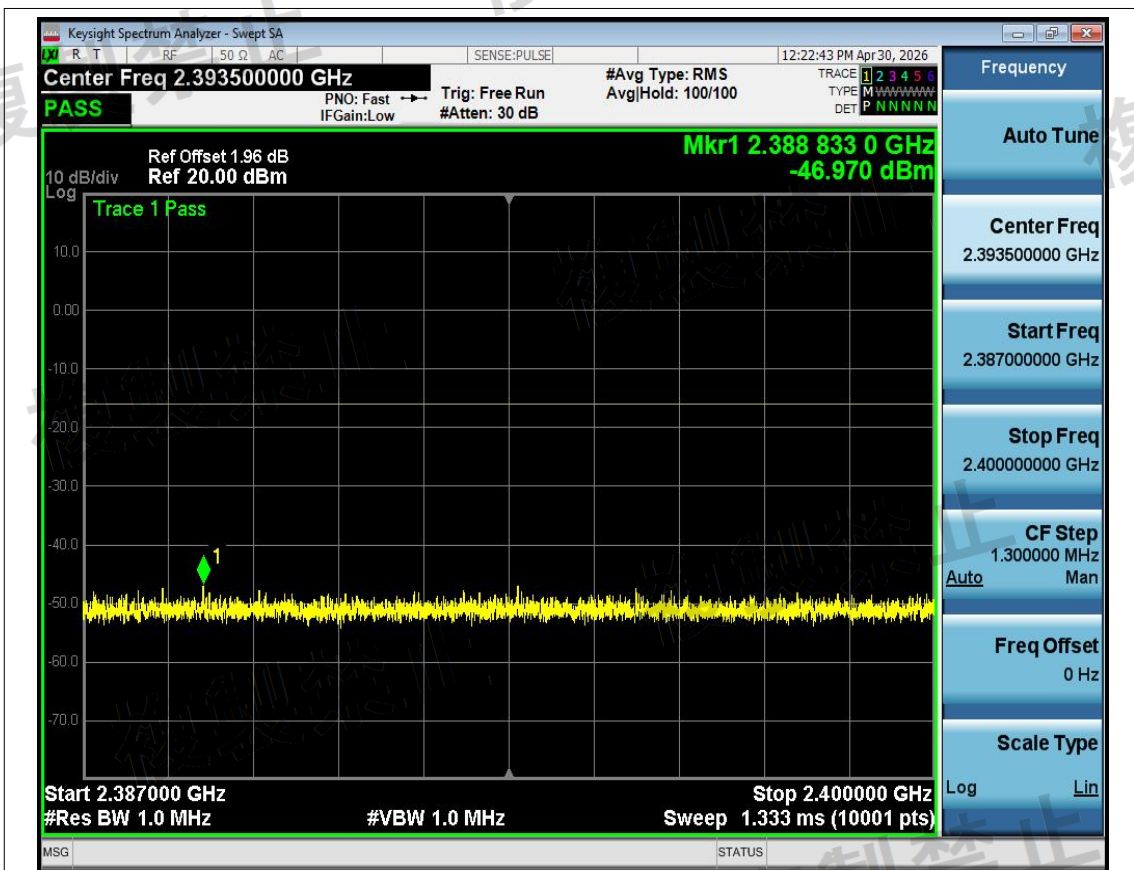
Tx. Spurious NVNT BLE 1M 2440MHz Ant1 @ 2496.5MHz-13000MHz



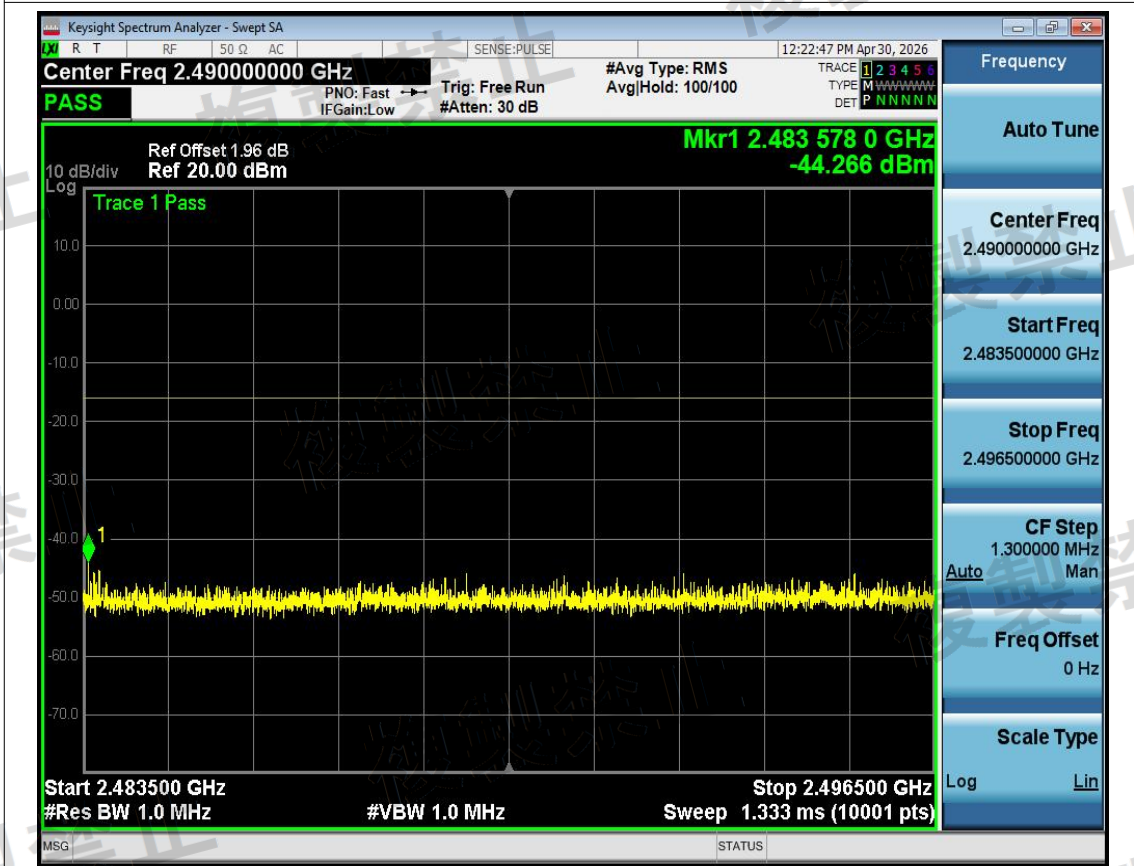
Tx. Spurious NVNT BLE 1M 2480MHz Ant1 @ 30MHz-1000MHz



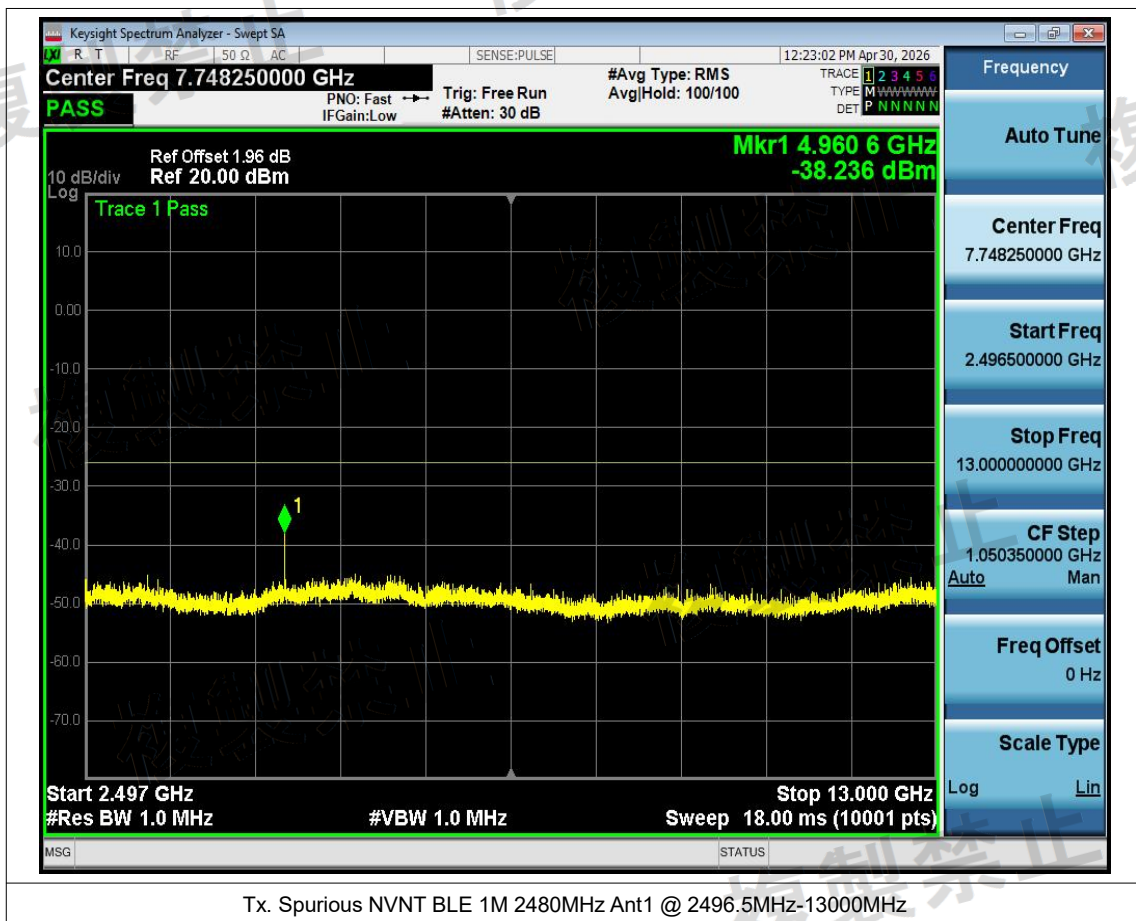
Tx. Spurious NVNT BLE 1M 2480MHz Ant1 @ 1000MHz-2387MHz



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



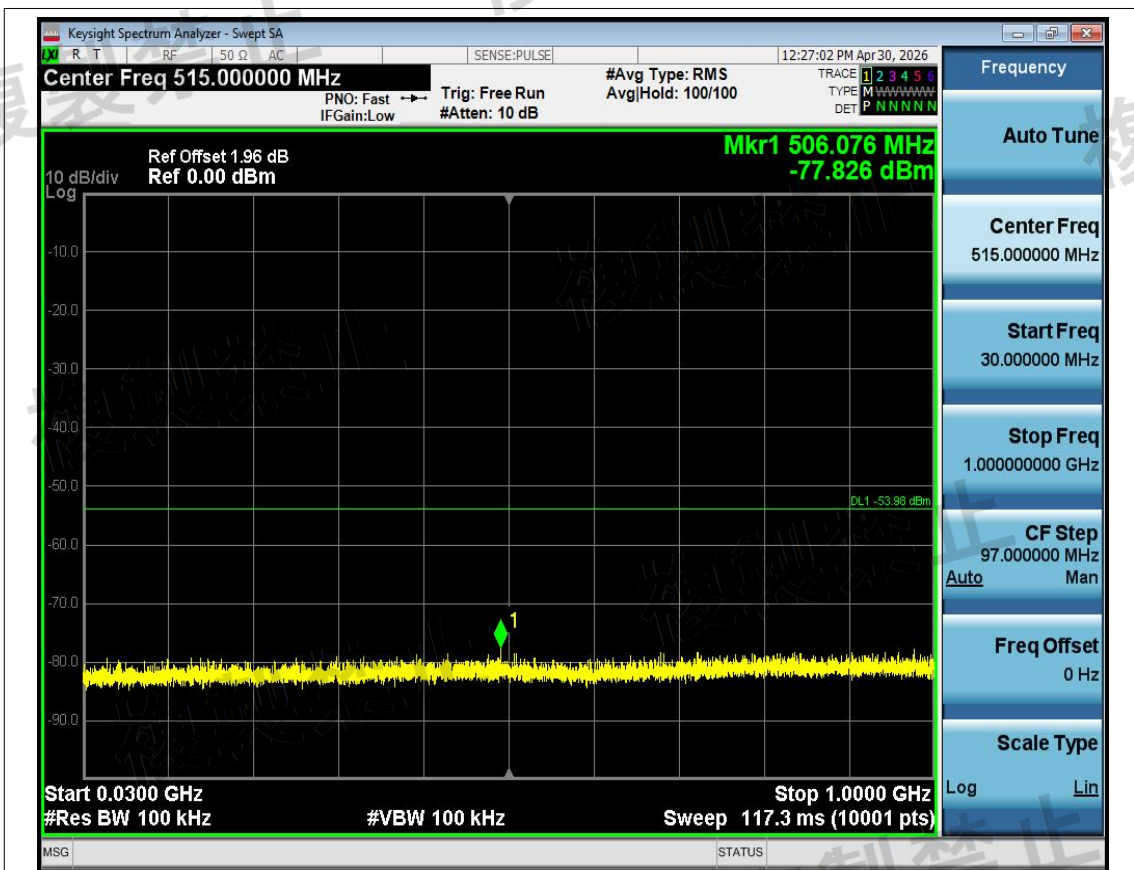
Tx. Spurious NVNT BLE 1M 2480MHz Ant1 @ 2483.5MHz-2496.5MHz



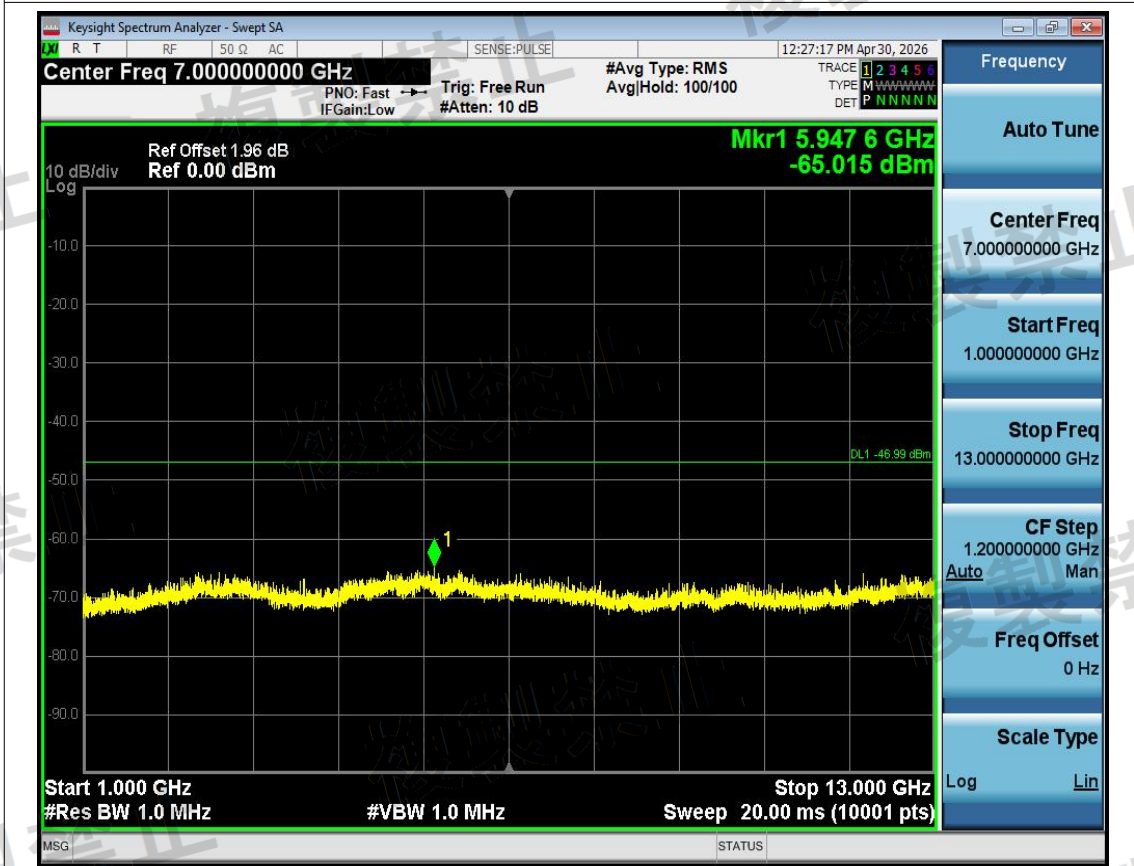


Rx Spurious Emission

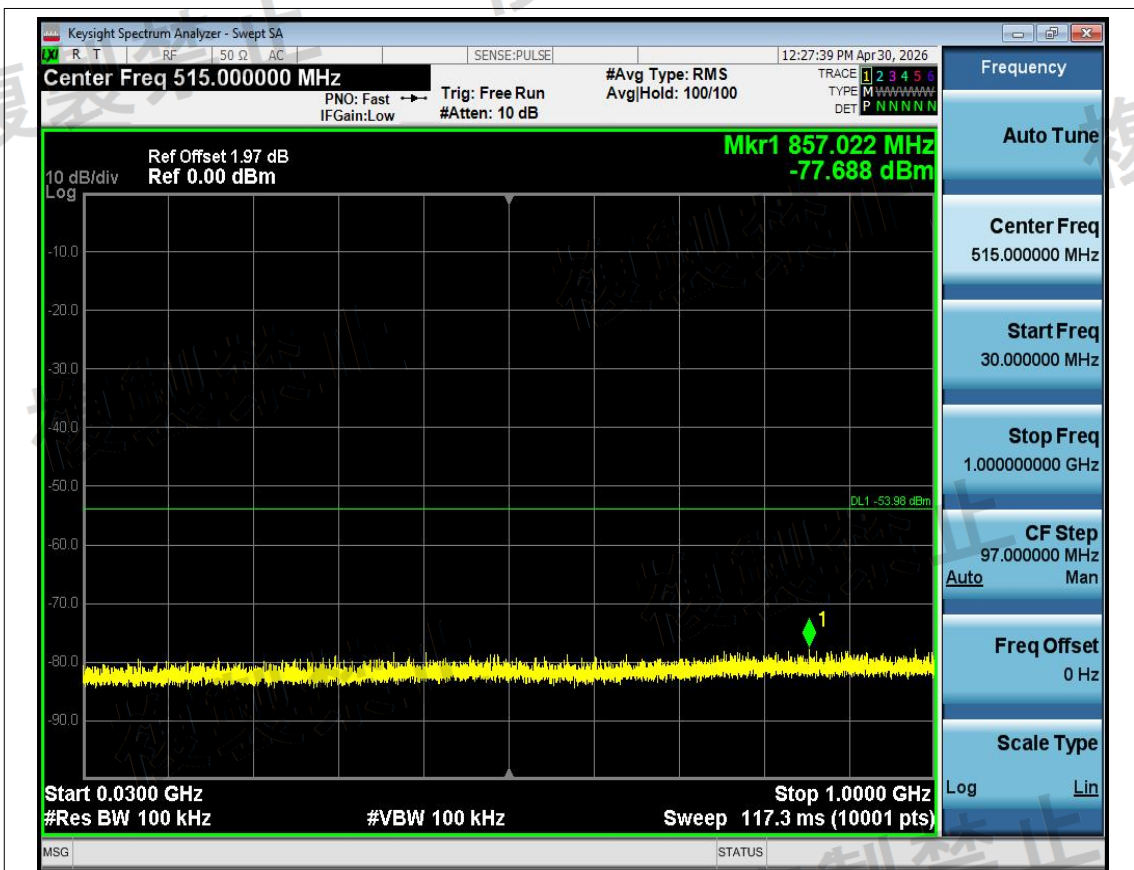
Condi- tion	Mod- e	Frequen- cy (MHz)	Anten- na	Range (MHz)	Emissio- n Frequen- cy (MHz)	Max Peak Valu- e (dB m)	Max RMS Valu- e (dB m)	Max Peak Valu- e (nW)	Max RM S Valu- e (nW)	Lim- it (nW)	Verdi- ct
NVNT	BLE 1M	2402	Ant1	30-1000	506.08	-77.8 3	NA	0.016 5	NA	4	Pass
NVNT	BLE 1M	2402	Ant1	1000-130 00	5947.60	-65.0 2	NA	0.314 8	NA	20	Pass
NVNT	BLE 1M	2440	Ant1	30-1000	857.02	-77.6 9	NA	0.017	NA	4	Pass
NVNT	BLE 1M	2440	Ant1	1000-130 00	5688.40	-64.9 9	NA	0.317	NA	20	Pass
NVNT	BLE 1M	2480	Ant1	30-1000	865.75	-77.3 5	NA	0.018 4	NA	4	Pass
NVNT	BLE 1M	2480	Ant1	1000-130 00	5324.80	-64.8 3	NA	0.328 9	NA	20	Pass



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



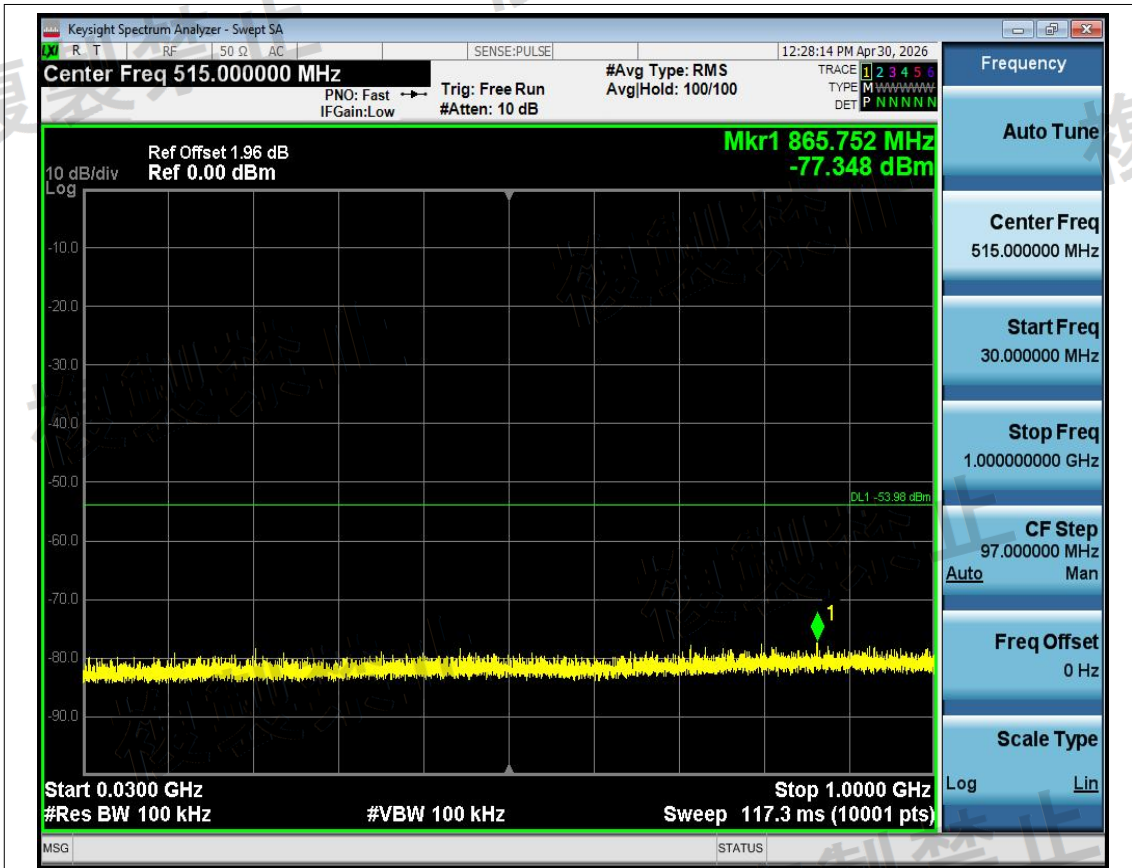
Rx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 1000MHz-13000MHz



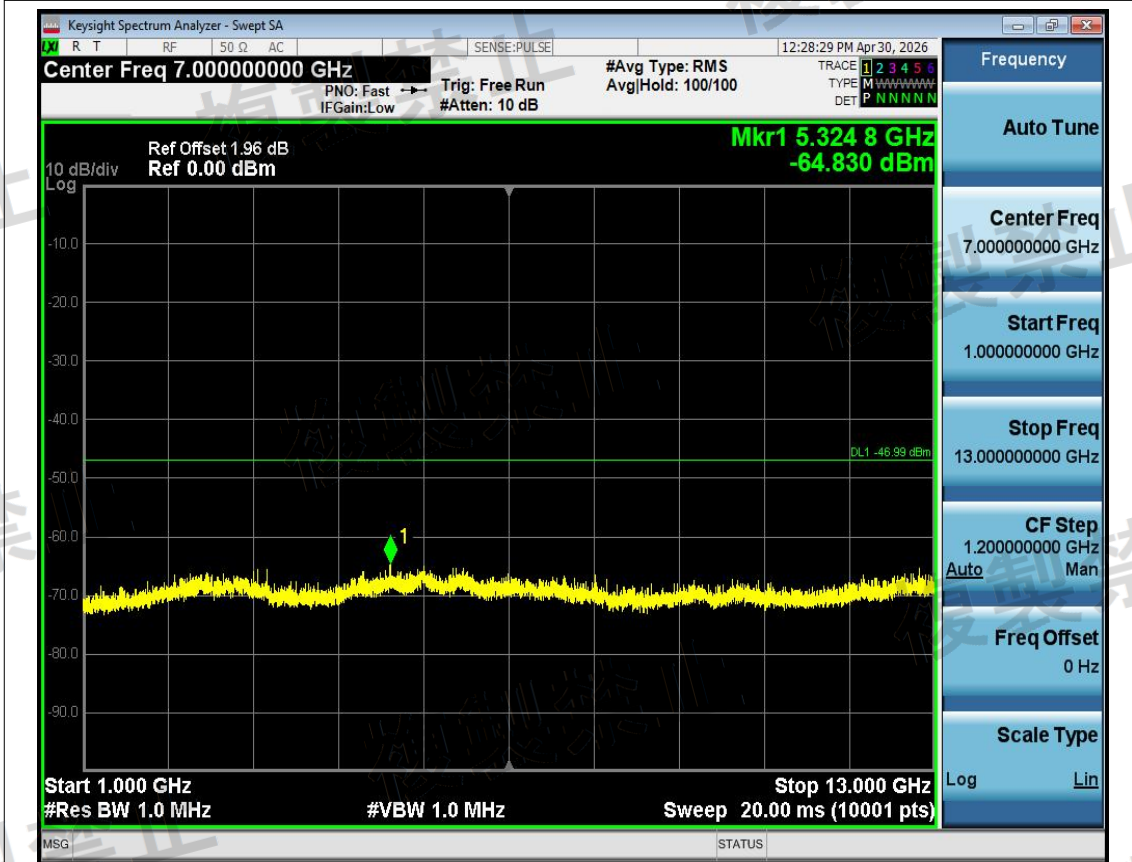
Rx. Spurious NVNT BLE 1M 2440MHz Ant1 @ 30MHz-1000MHz



Rx. Spurious NVNT BLE 1M 2440MHz Ant1 @ 1000MHz-13000MHz



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



Rx. Spurious NVNT BLE 1M 2480MHz Ant1 @ 1000MHz-13000MHz