



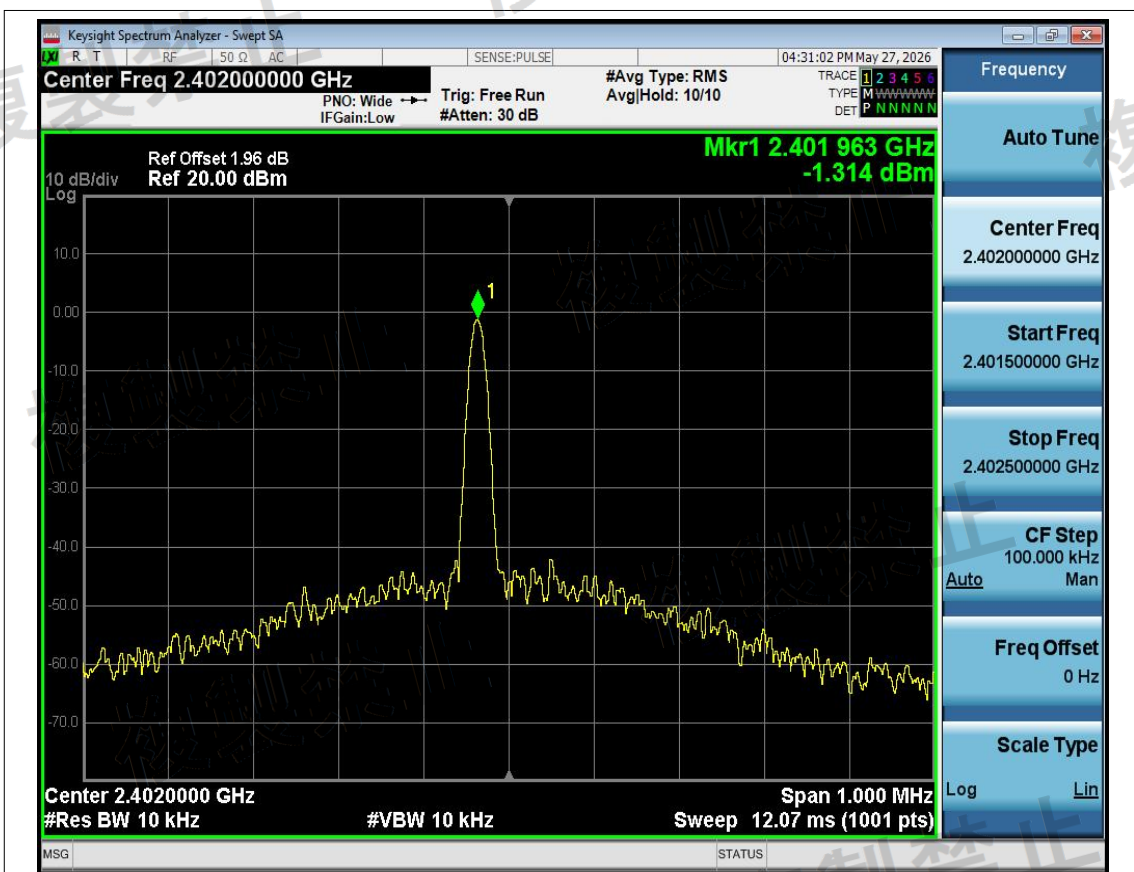
RF Test Data

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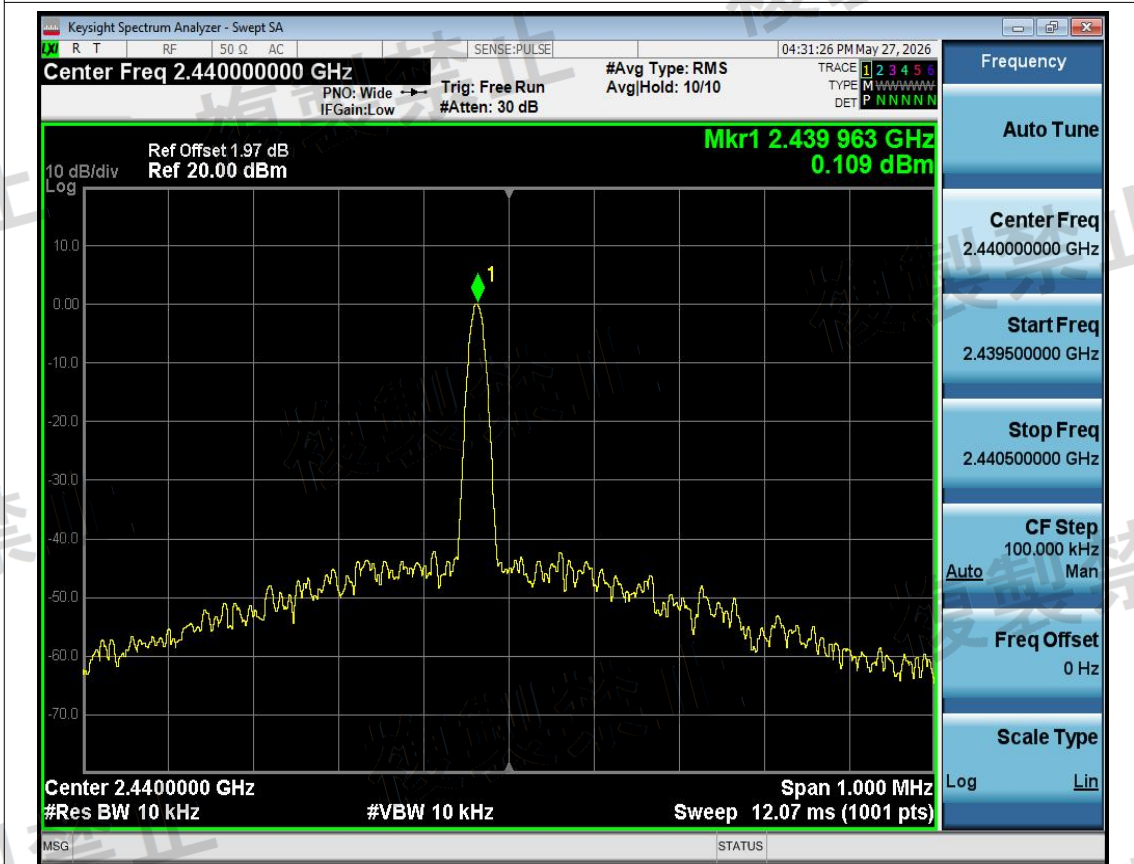


Frequency Error

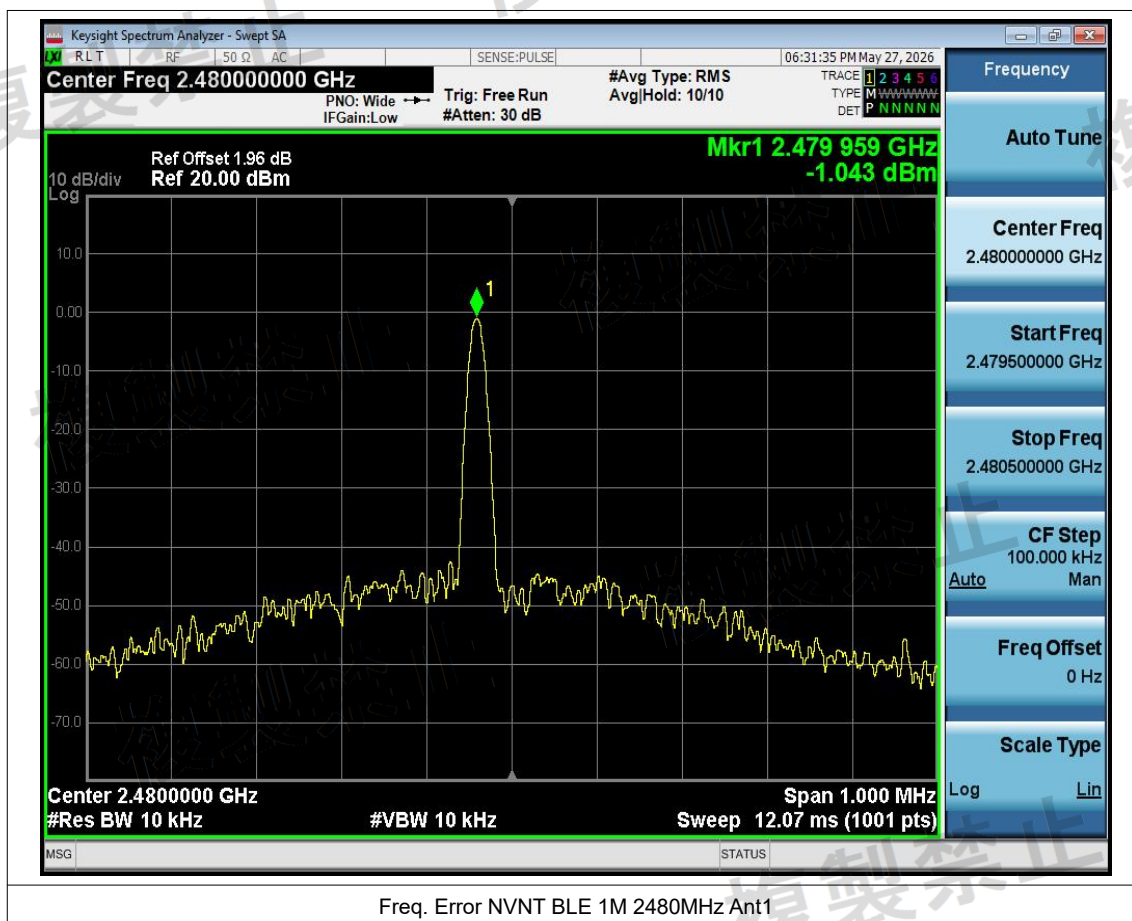
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	BLE 1M	2402	Ant1	2401.963	-37000	-15.4	50	Pass
NVNT	BLE 1M	2440	Ant1	2439.963	-37000	-15.16	50	Pass
NVNT	BLE 1M	2480	Ant1	2479.959	-41000	-16.53	50	Pass



Freq. Error NVNT BLE 1M 2402MHz Ant1



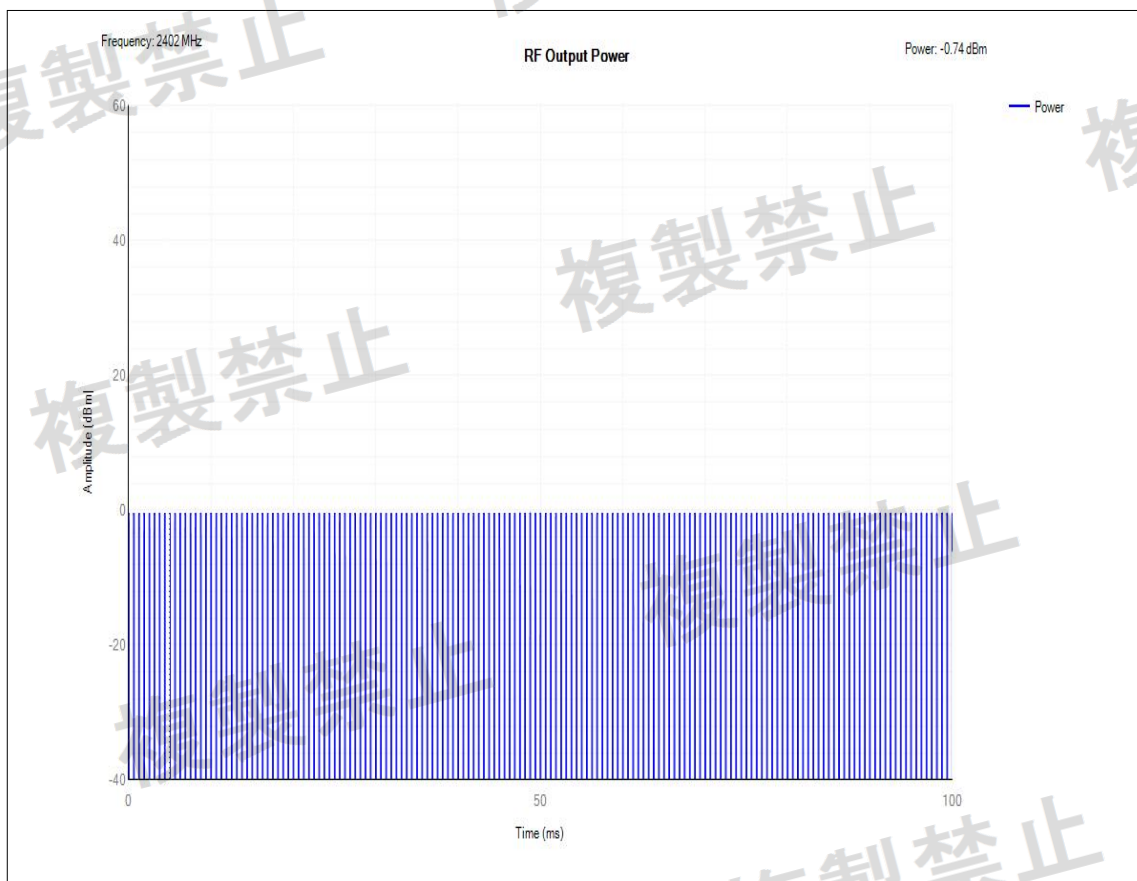
Freq. Error NVNT BLE 1M 2440MHz Ant1



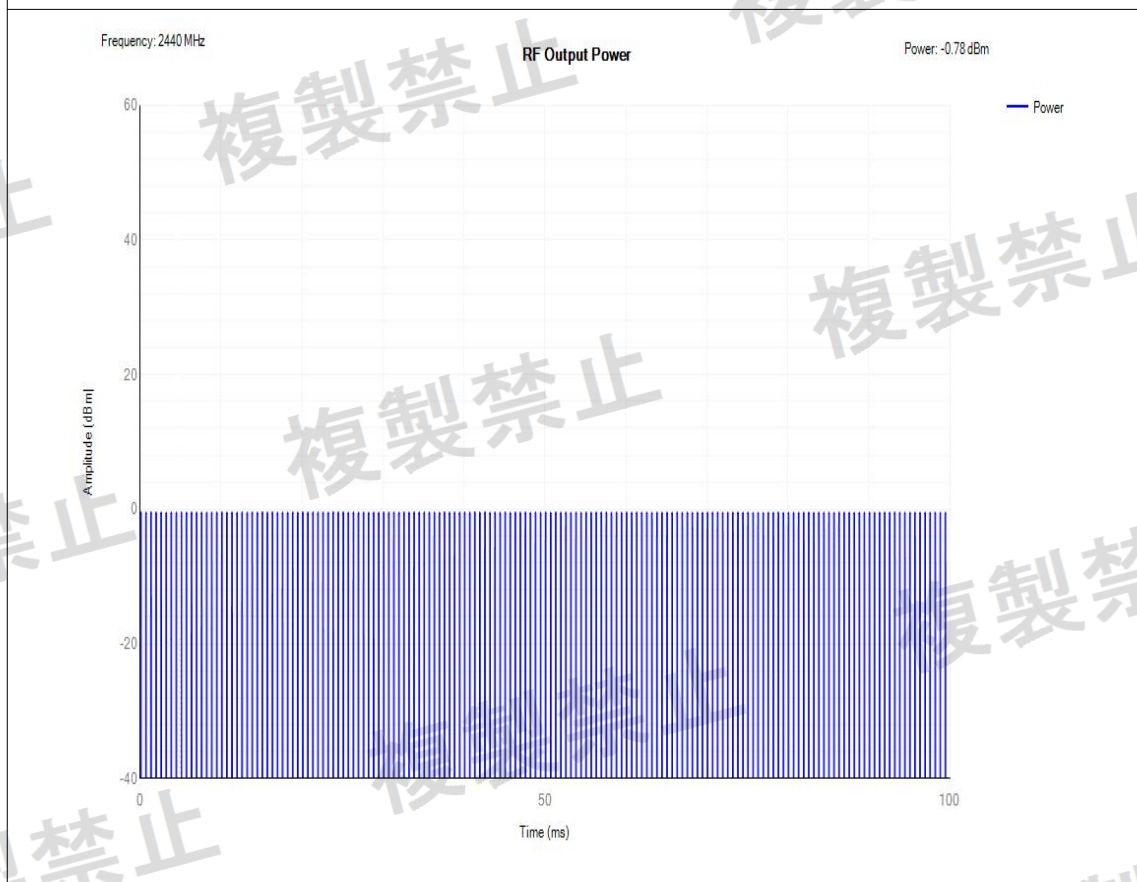


Antenna Power

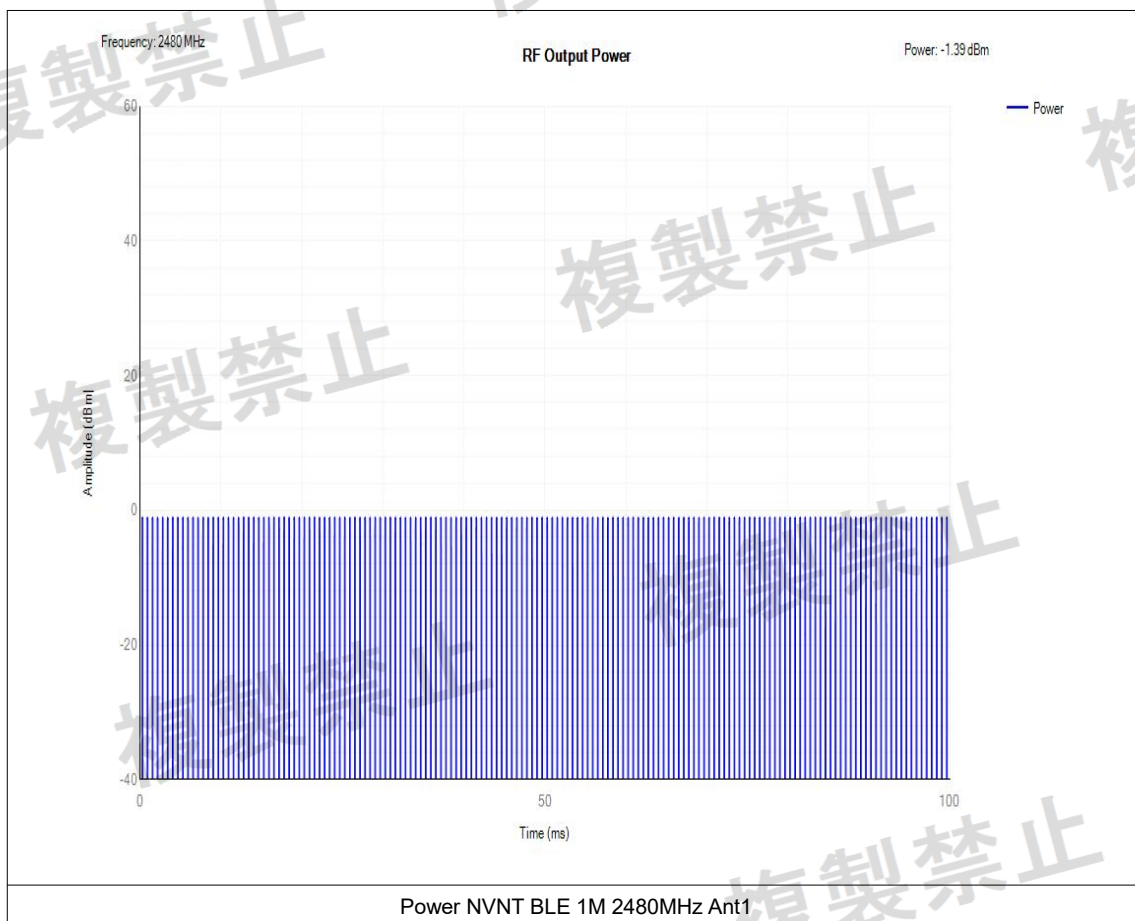
Condition	Mode	Frequency (MHz)	Antenna	Power (dBm)	Power (mW)	Limit (mW)	Declared Power (mW)	Tolerance (%)	Upper Limit (%)	Verdict
NVNT	BLE 1M	2402	Ant1	-0.74	0.843	10	1	-15.7	20	Pass
NVNT	BLE 1M	2440	Ant1	-0.78	0.836	10	1	-16.4	20	Pass
NVNT	BLE 1M	2480	Ant1	-1.39	0.726	10	1	-27.4	20	Pass



Power NVNT BLE 1M 2402MHz Ant1



Power NVNT BLE 1M 2440MHz Ant1





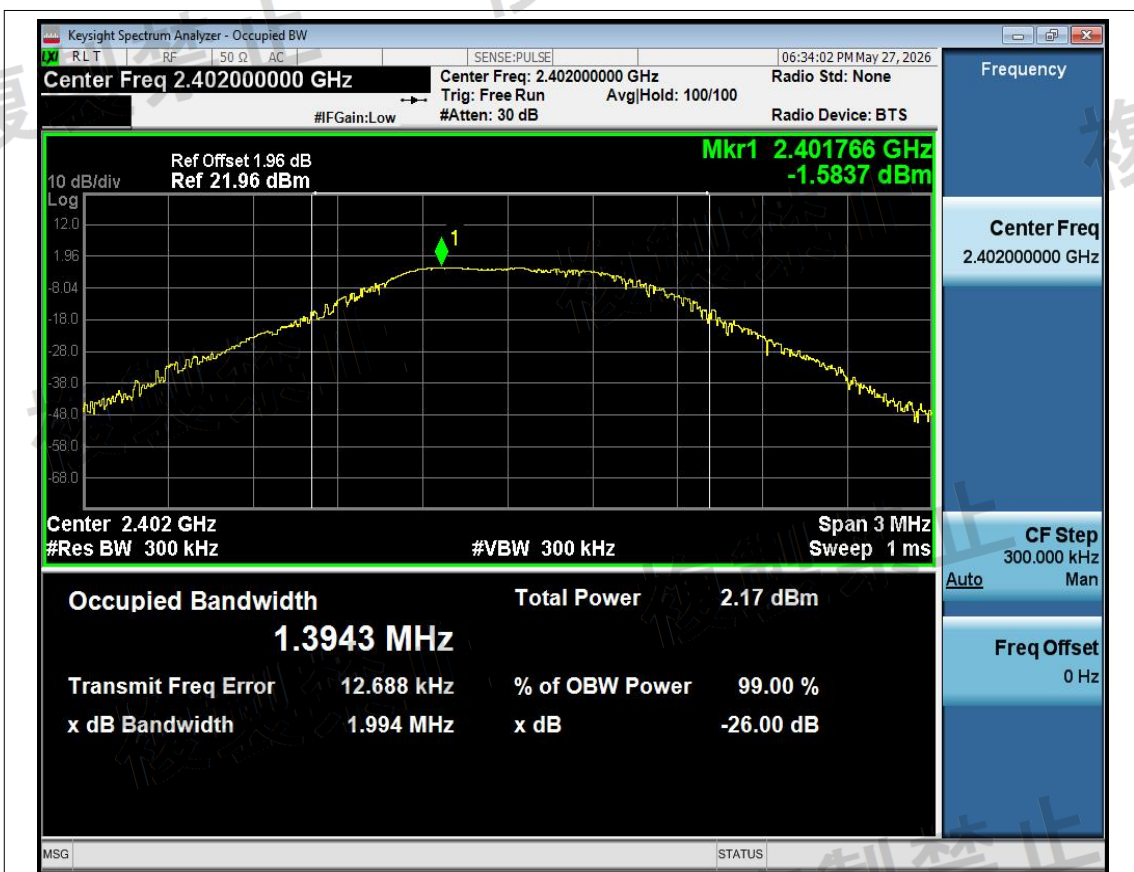
EIRP Power

Condition	Mode	Frequency (MHz)	Antenna	Antenna Power (mW)	Antenna Power (dBm)	Gain (dBi)	EIRP Power (dBm)	Limit (dBm)	Verdict
NVNT	BLE 1M	2402	Ant1	0.843	-0.74	1.7	0.96	12.14	Pass
NVNT	BLE 1M	2440	Ant1	0.836	-0.78	1.7	0.92	12.14	Pass
NVNT	BLE 1M	2480	Ant1	0.726	-1.39	1.7	0.31	12.14	Pass



Occupied Channel Bandwidth

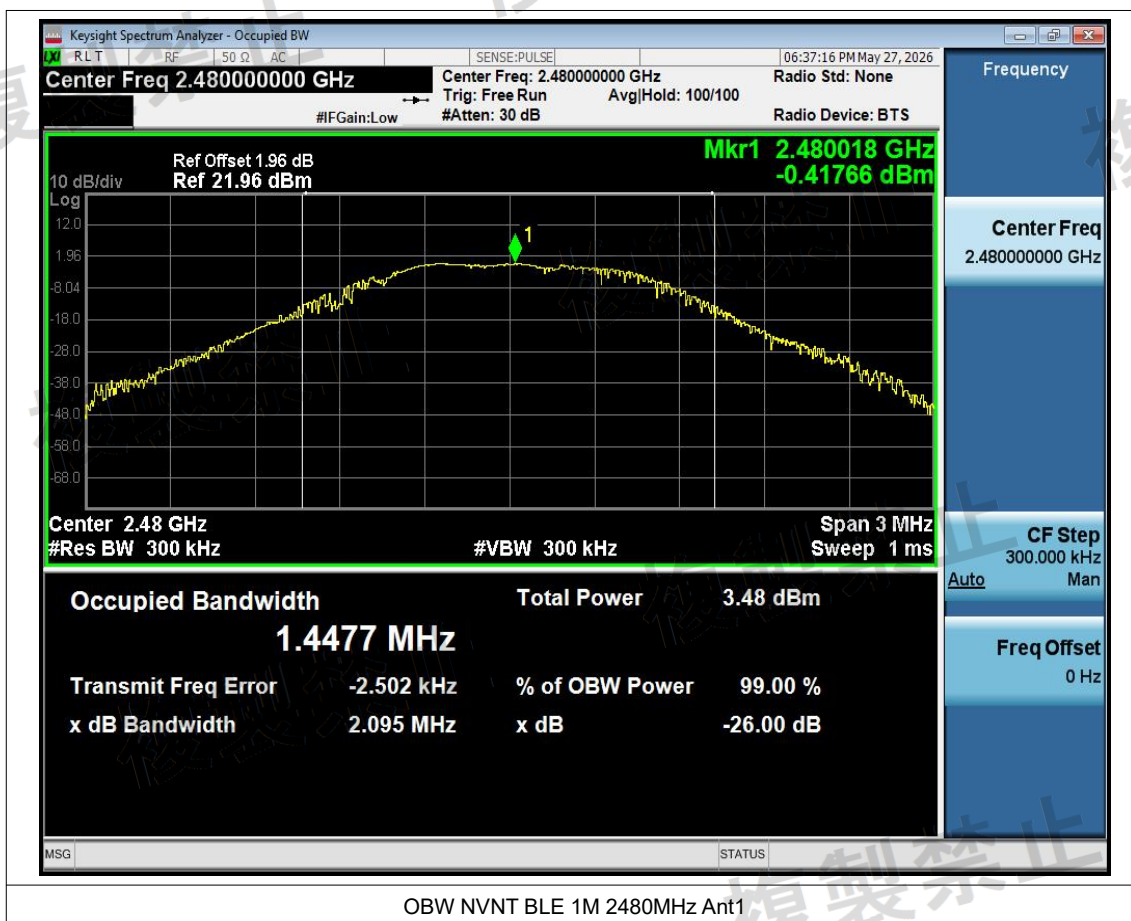
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)	Lower Limit (MHz)	Upper Limit (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	1.3943	N/A	26	Pass
NVNT	BLE 1M	2440	Ant1	1.4285	N/A	26	Pass
NVNT	BLE 1M	2480	Ant1	1.4477	N/A	26	Pass



OBW NVNT BLE 1M 2402MHz Ant1



OBW NVNT BLE 1M 2440MHz Ant1





Spreading Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	90% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	0.89524
NVNT	BLE 1M	2440	Ant1	0.94129
NVNT	BLE 1M	2480	Ant1	0.94959



Spreading Bandwidth NVNT BLE 1M 2402MHz Ant1



Spreading Bandwidth NVNT BLE 1M 2440MHz Ant1



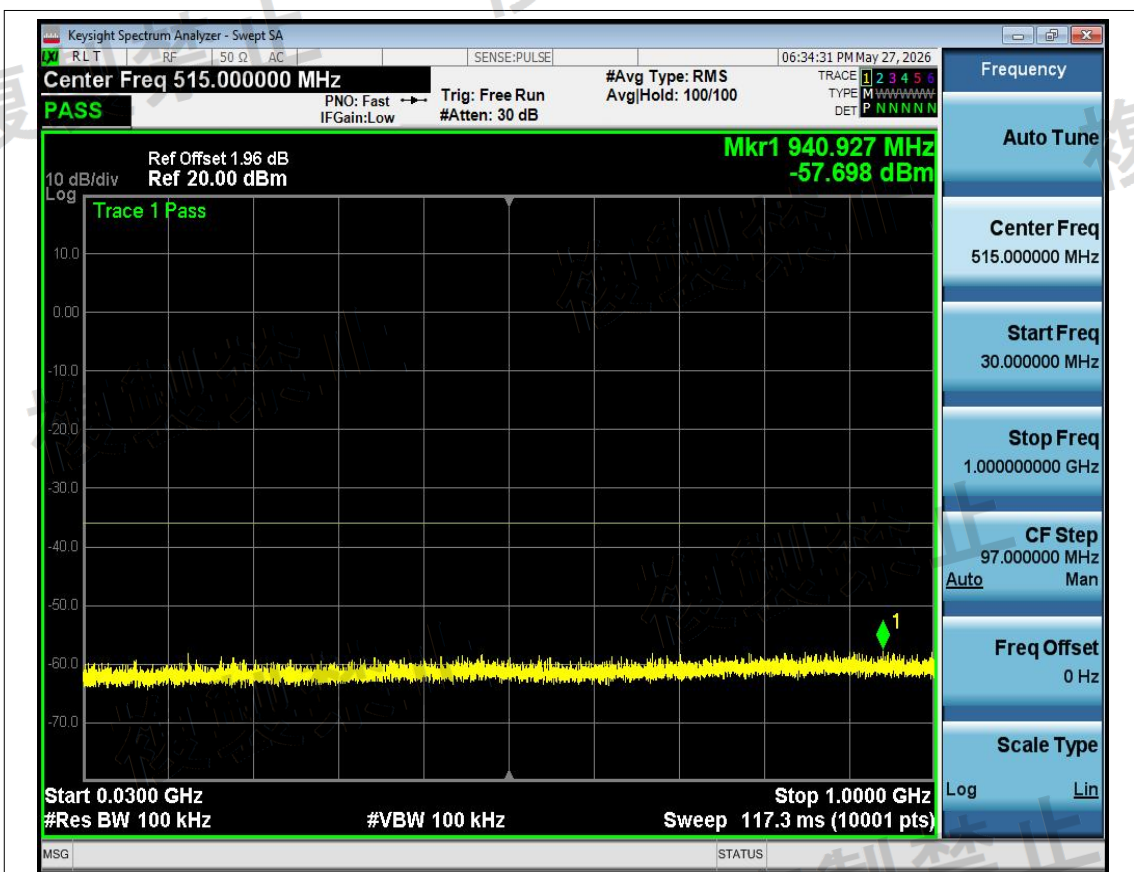


Tx Spurious Emission

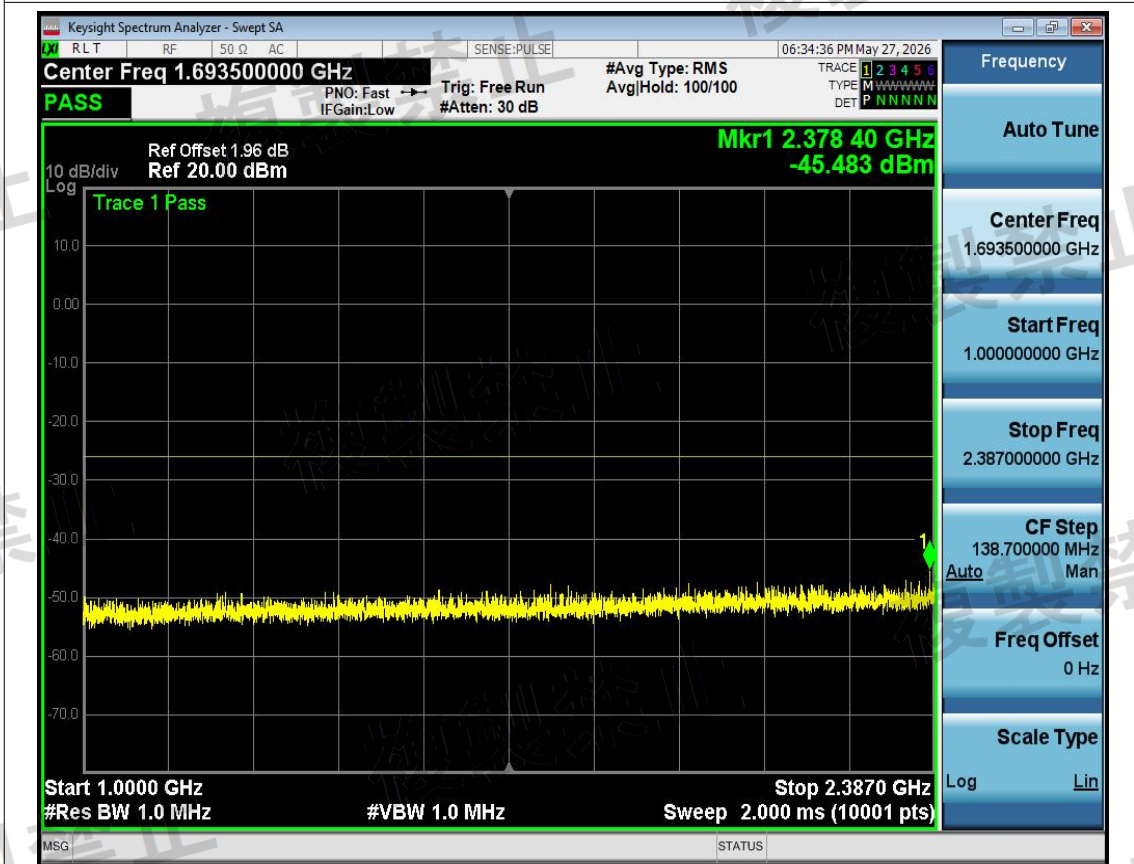
Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Emission Frequency (MHz)	Max Peak Value (dBm)	Max RMS Value (dBm)	Max Peak Value (uW)	Max RMS Value (uW)	Limit Start(uW)	Limit Stop (uW)	Verdict
NVNT	BLE 1M	2402	Ant1	30-1000	940.93	-57.69	NA	0.0017	NA	0.25	0.25	Pass
NVNT	BLE 1M	2402	Ant1	1000-2387	2378.40	-45.48	NA	0.0283	NA	2.5	2.5	Pass
NVNT	BLE 1M	2402	Ant1	2387-2400	2399.99	-33.71	NA	0.4256	NA	25	25	Pass
NVNT	BLE 1M	2402	Ant1	2483.5-2496.5	2490.25	-46.16	NA	0.0242	NA	25	25	Pass
NVNT	BLE 1M	2402	Ant1	2496.5-13000	4804.12	-37.38	NA	0.1828	NA	2.5	2.5	Pass
NVNT	BLE 1M	2440	Ant1	30-1000	831.61	-48.66	NA	0.0136	NA	0.25	0.25	Pass
NVNT	BLE 1M	2440	Ant1	1000-2387	2319.04	-46.10	NA	0.0245	NA	2.5	2.5	Pass
NVNT	BLE 1M	2440	Ant1	2387-2400	2396.37	-47.02	NA	0.0199	NA	25	25	Pass
NVNT	BLE 1M	2440	Ant1	2483.5-2496.5	2487.86	-45.81	NA	0.0262	NA	25	25	Pass
NVNT	BLE 1M	2440	Ant1	2496.5-13000	4879.74	-37.93	NA	0.1611	NA	2.5	2.5	Pass
NVNT	BLE 1M	2480	Ant1	30-1000	792.81	-57.26	NA	0.0019	NA	0.25	0.25	Pass
NVNT	BLE 1M	2480	Ant1	1000-2387	2088.52	-46.	NA	0.02	NA	2.5	2.5	Pass



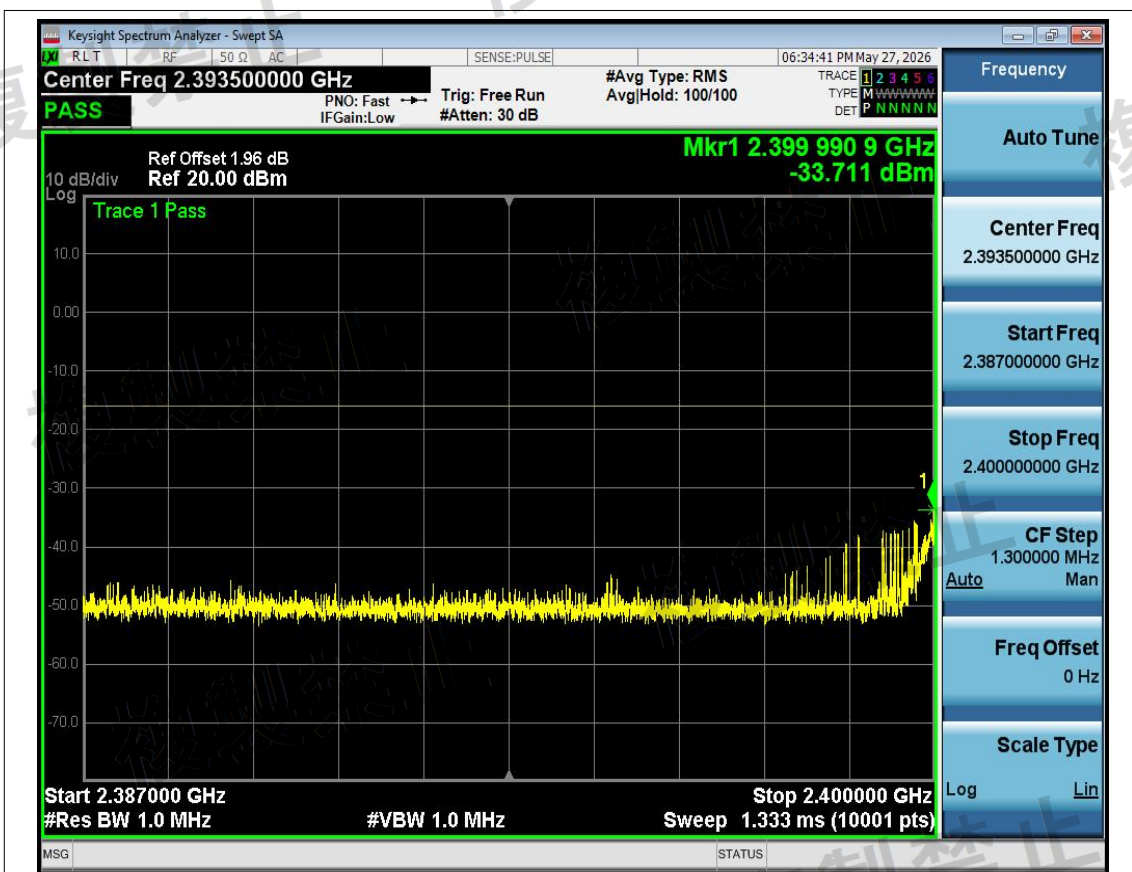
	E 1M			7		64		17				
NVNT	BL E 1M	2480	Ant1	2387-240 0	2392.70	-46. 46	NA	0.02 26	NA	25	25	Pass
NVNT	BL E 1M	2480	Ant1	2483.5-24 96.5	2483.89	-39. 48	NA	0.11 27	NA	25	25	Pass
NVNT	BL E 1M	2480	Ant1	2496.5-13 000	4960.62	-37. 87	NA	0.16 33	NA	2.5	2.5	Pass



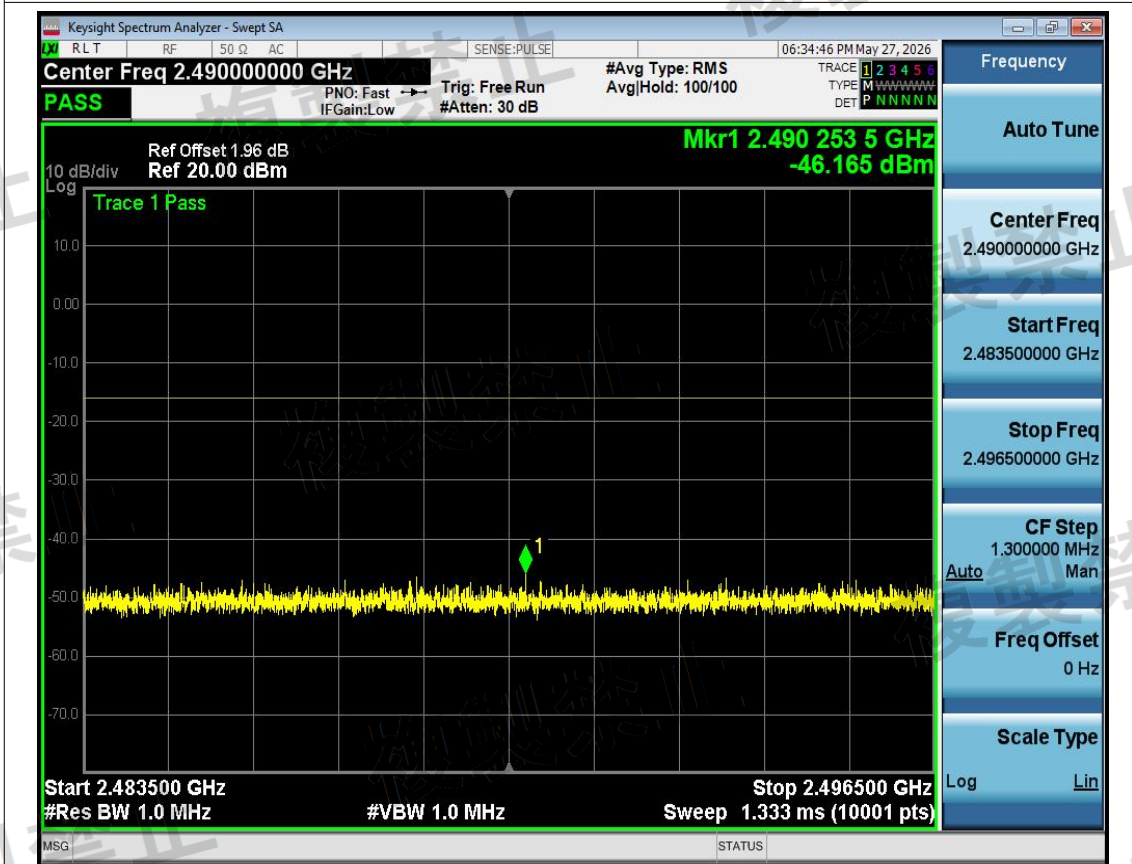
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 30MHz-1000MHz



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



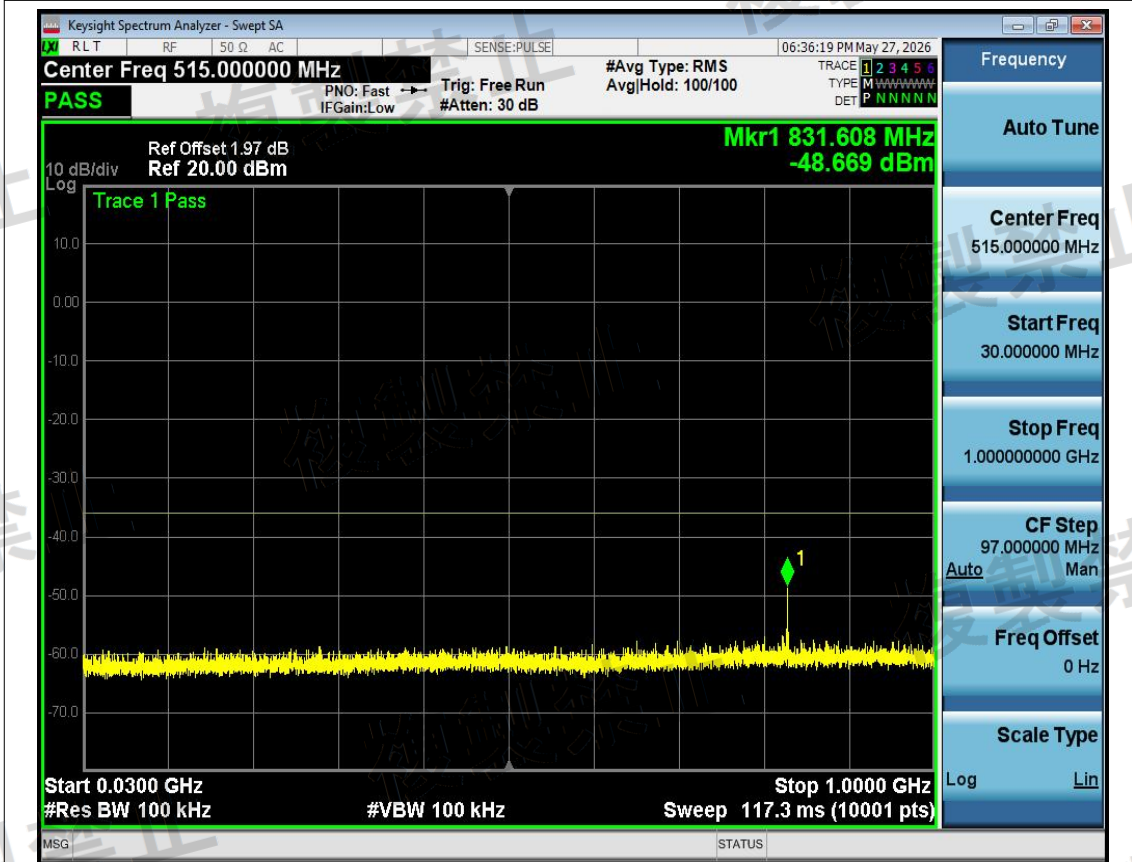
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 2387MHz-2400MHz



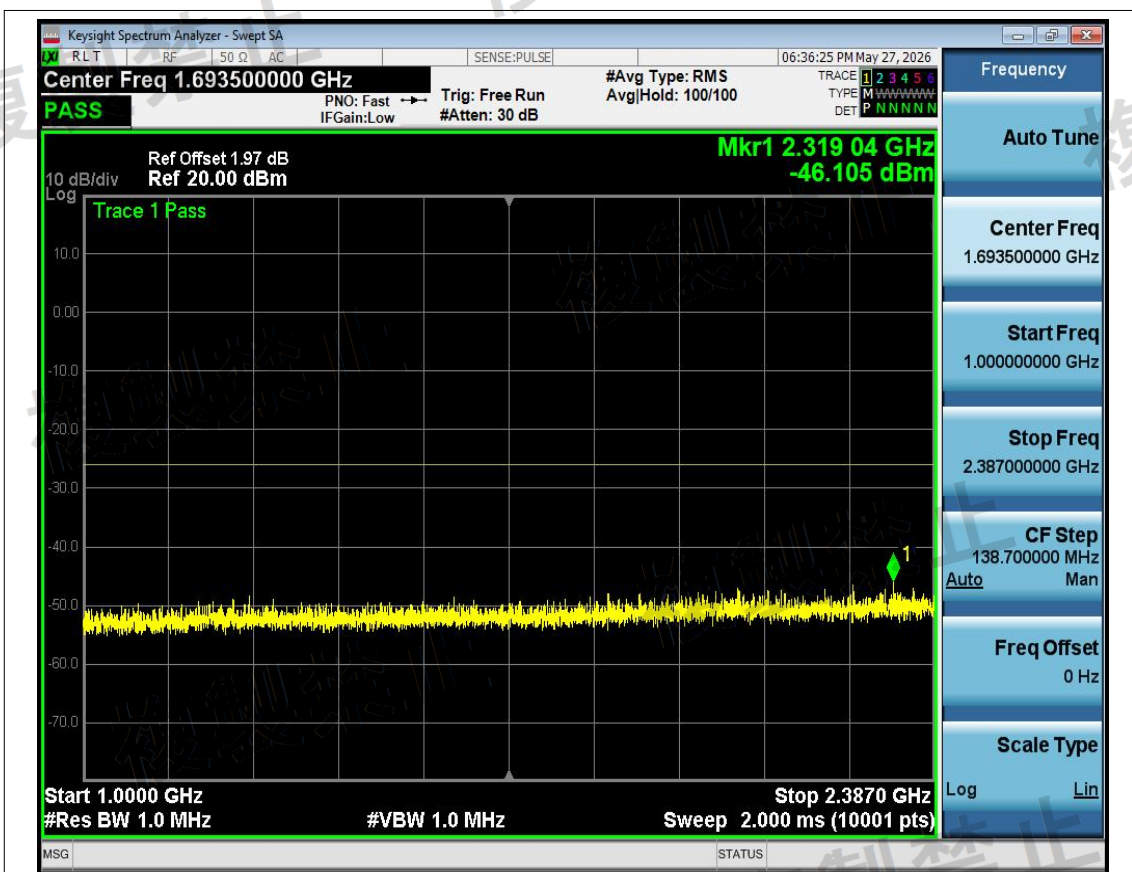
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 2483.5MHz-2496.5MHz



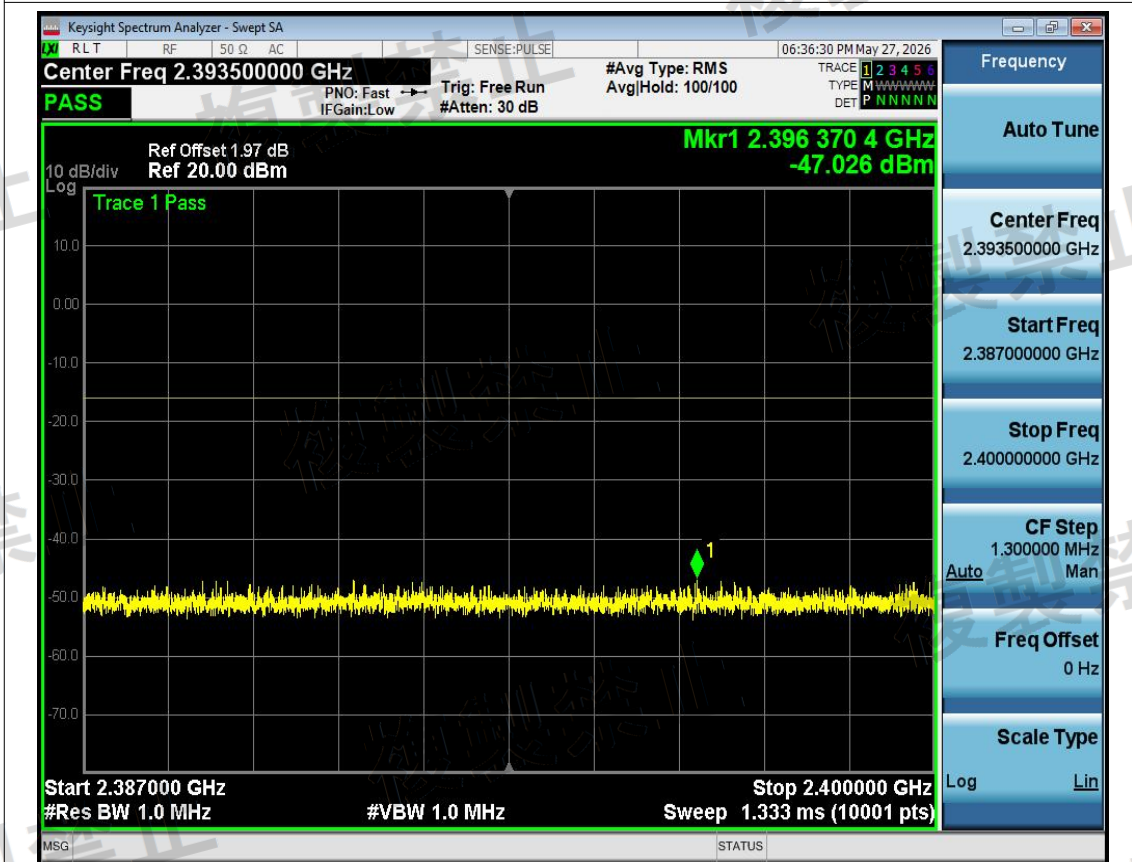
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 2496.5MHz-13000MHz



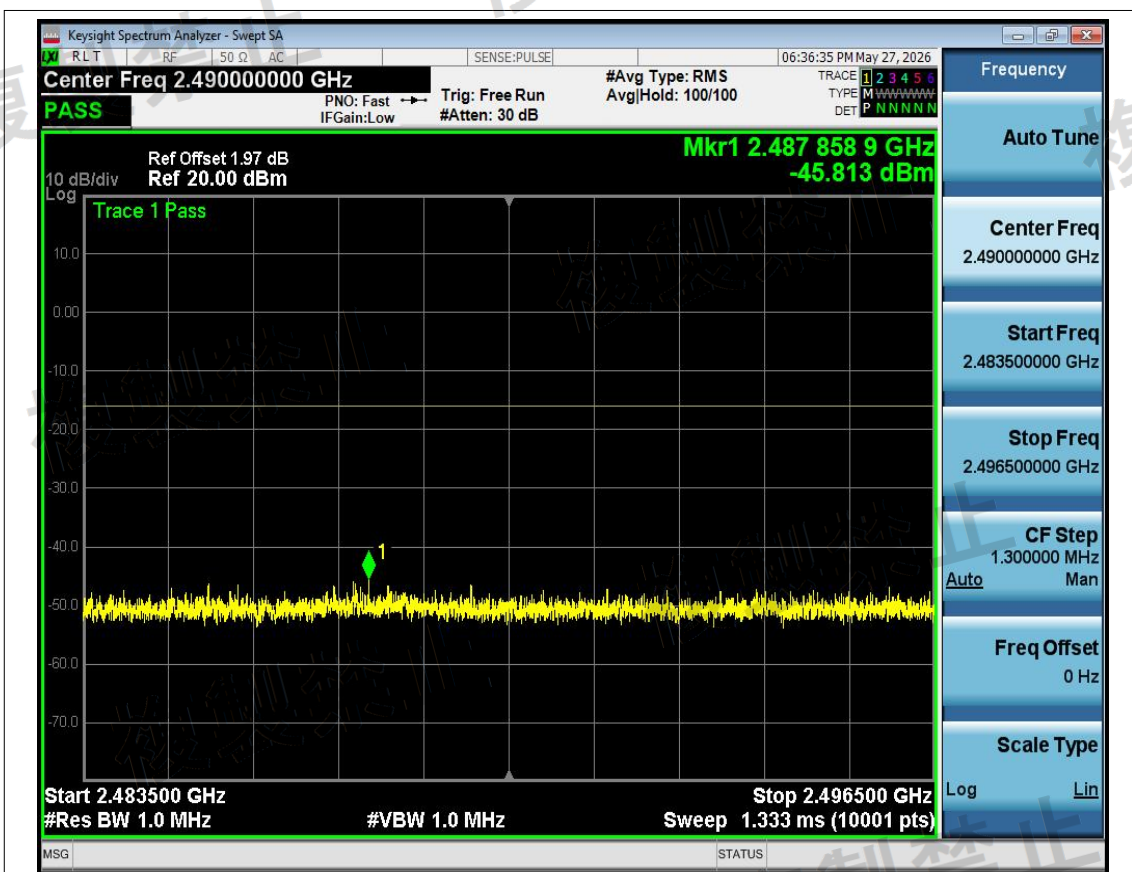
Tx. Spurious NVNT BLE 1M 2440MHz Ant1 @ 30MHz-1000MHz



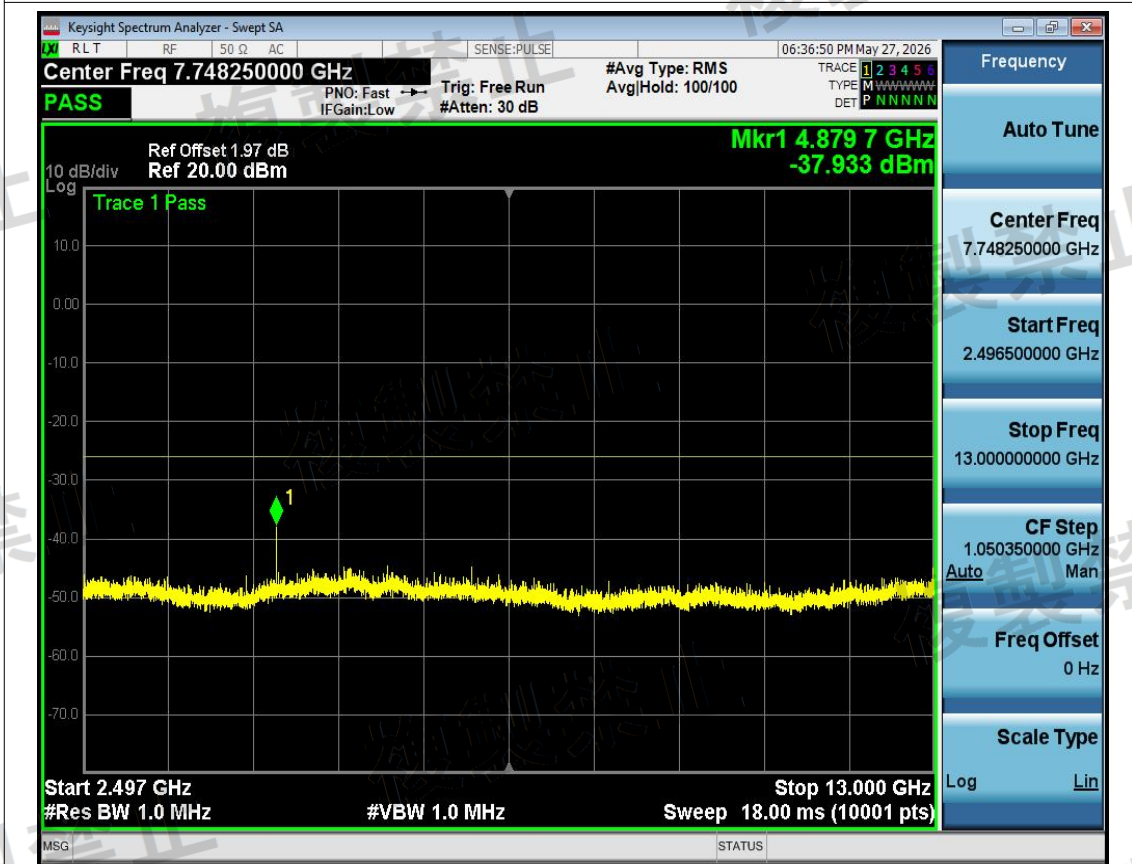
Tx. Spurious NVNT BLE 1M 2440MHz Ant1 @ 1000MHz-2387MHz



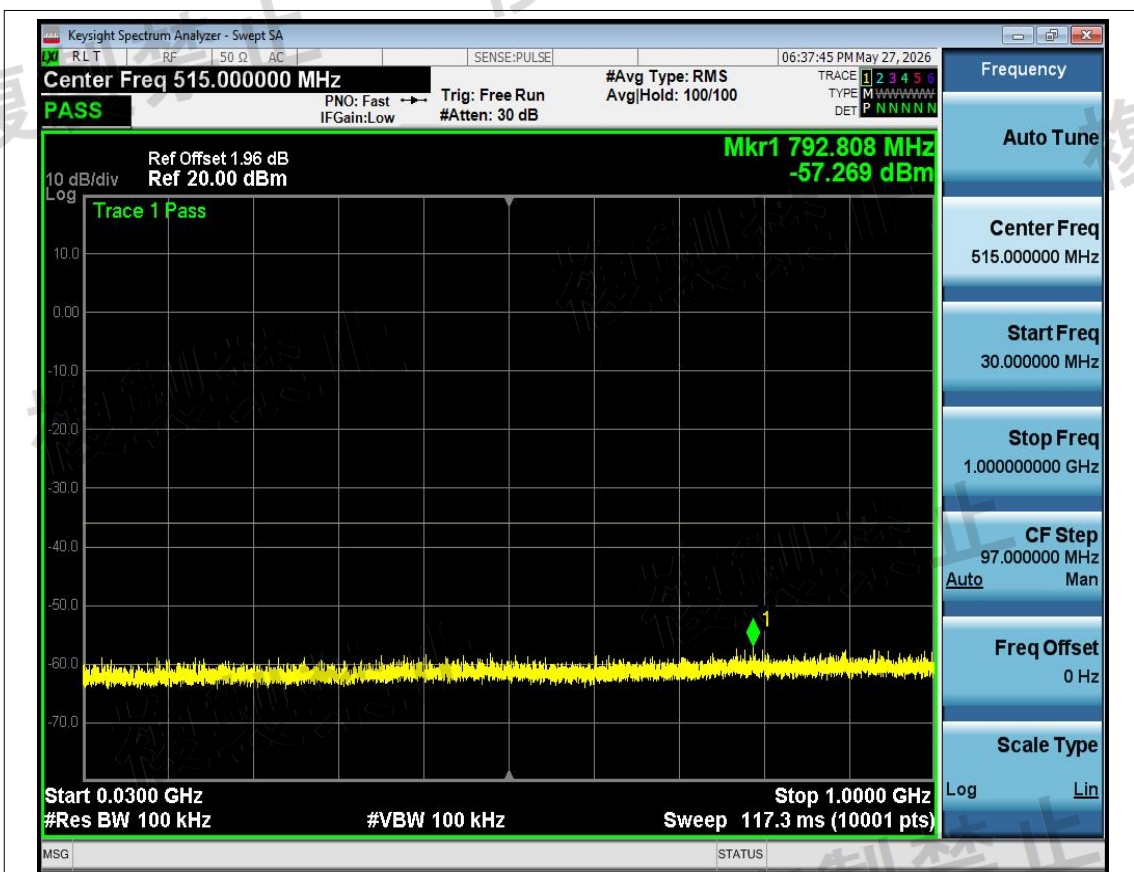
Tx. Spurious NVNT BLE 1M 2440MHz Ant1 @ 2387MHz-2400MHz



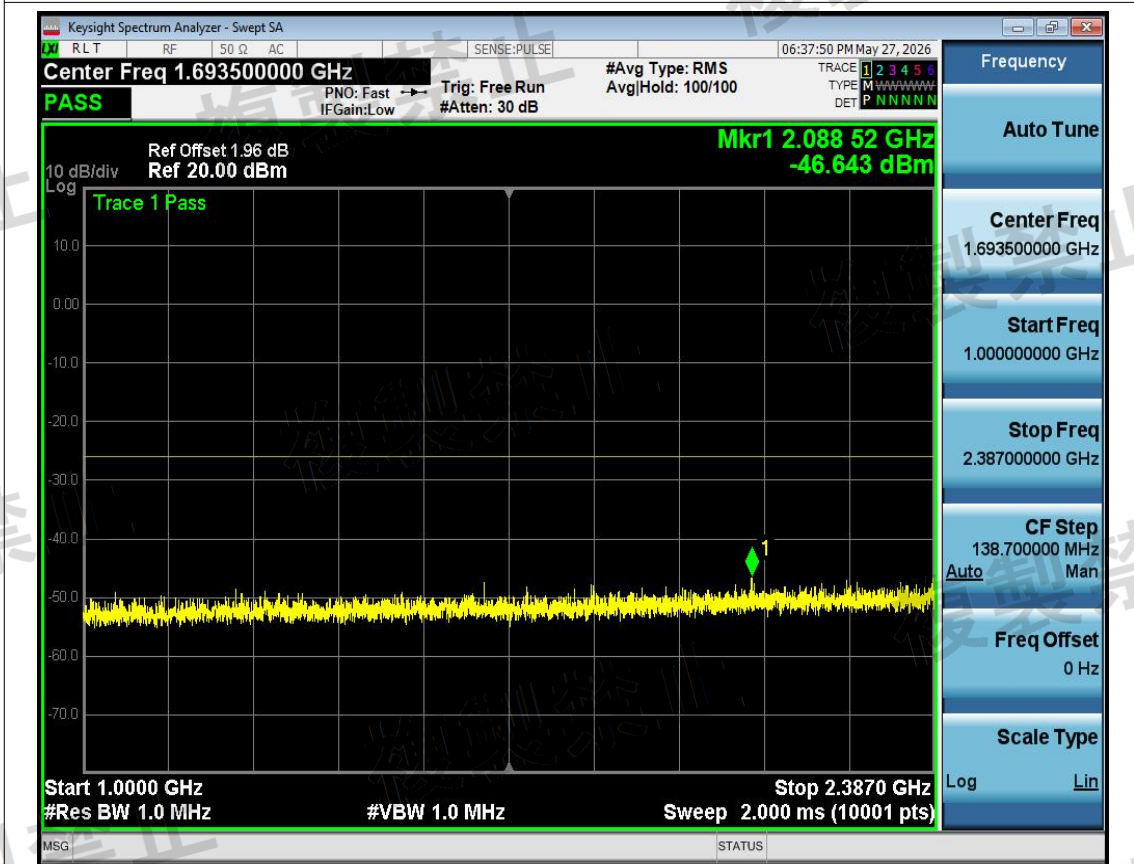
Tx. Spurious NVNT BLE 1M 2440MHz Ant1 @ 2483.5MHz-2496.5MHz



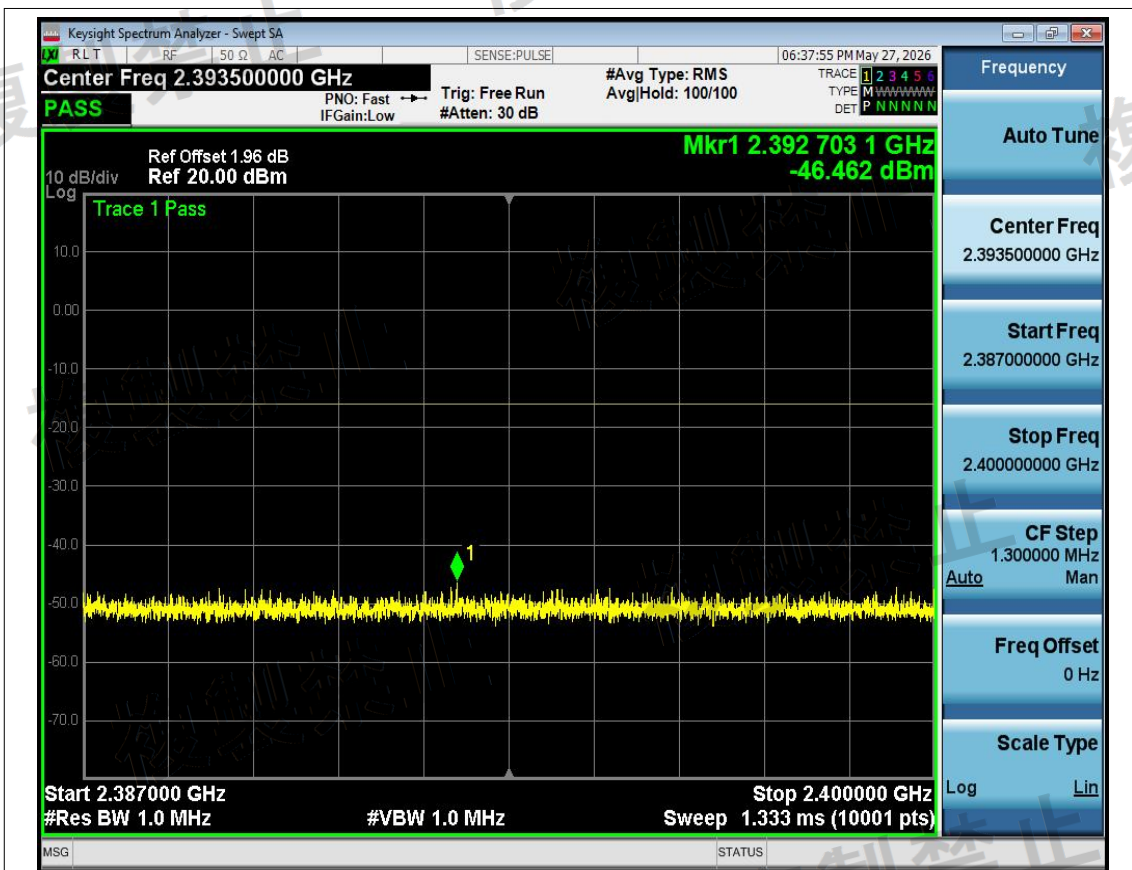
Tx. Spurious NVNT BLE 1M 2440MHz Ant1 @ 2496.5MHz-13000MHz



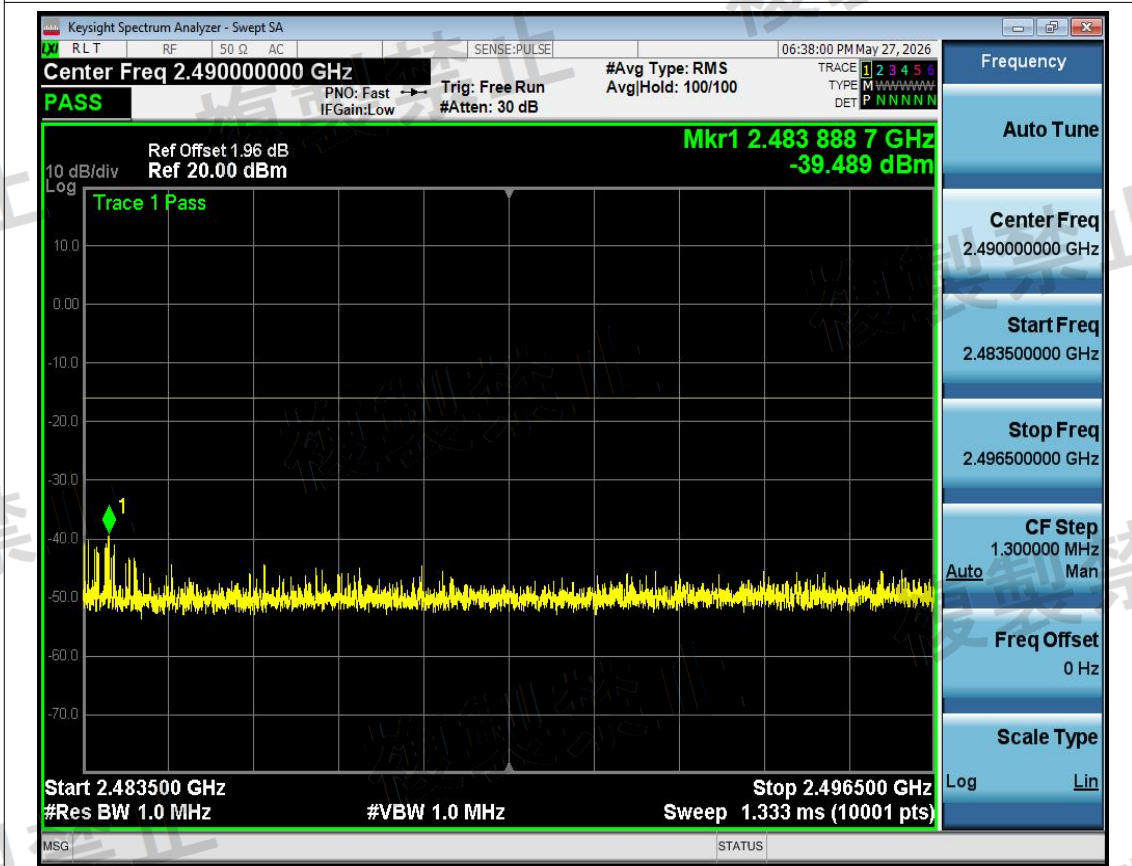
Tx. Spurious NVNT BLE 1M 2480MHz Ant1 @ 30MHz-1000MHz



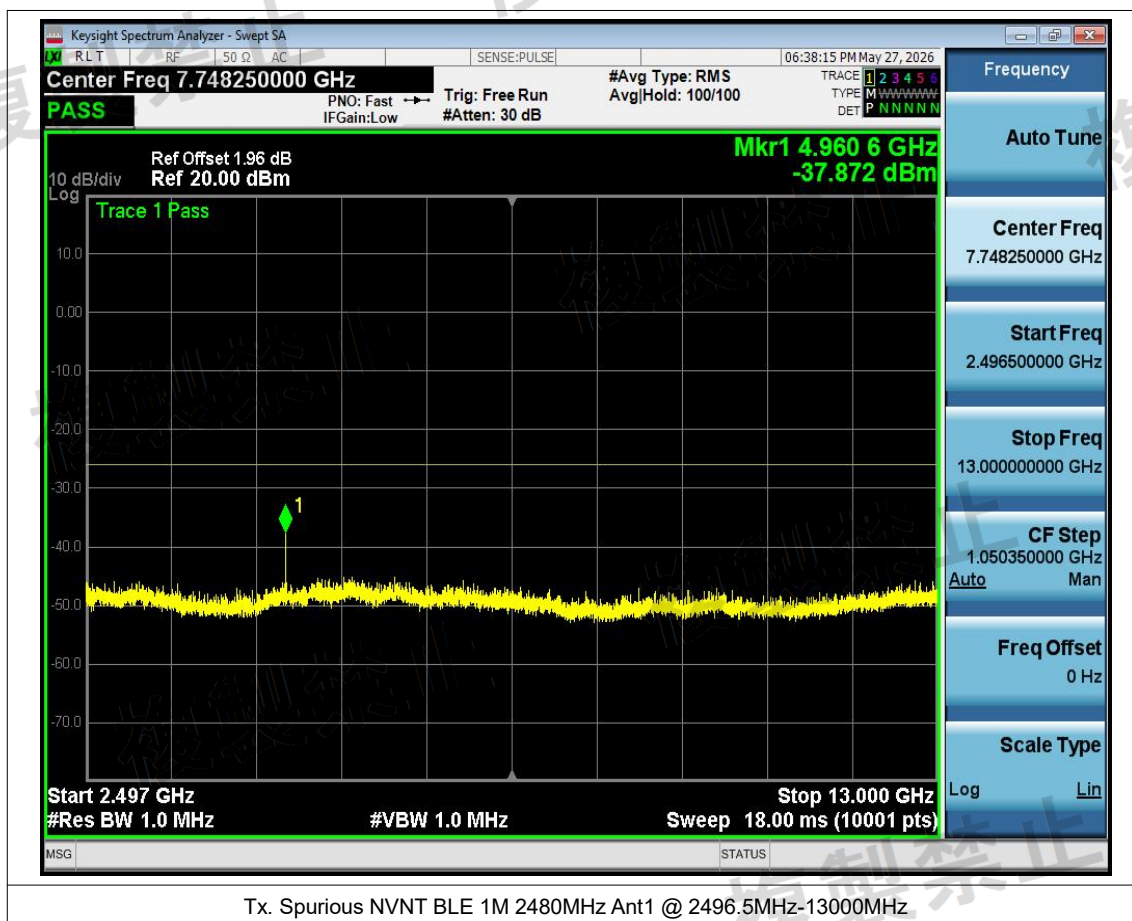
Tx. Spurious NVNT BLE 1M 2480MHz Ant1 @ 1000MHz-2387MHz



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



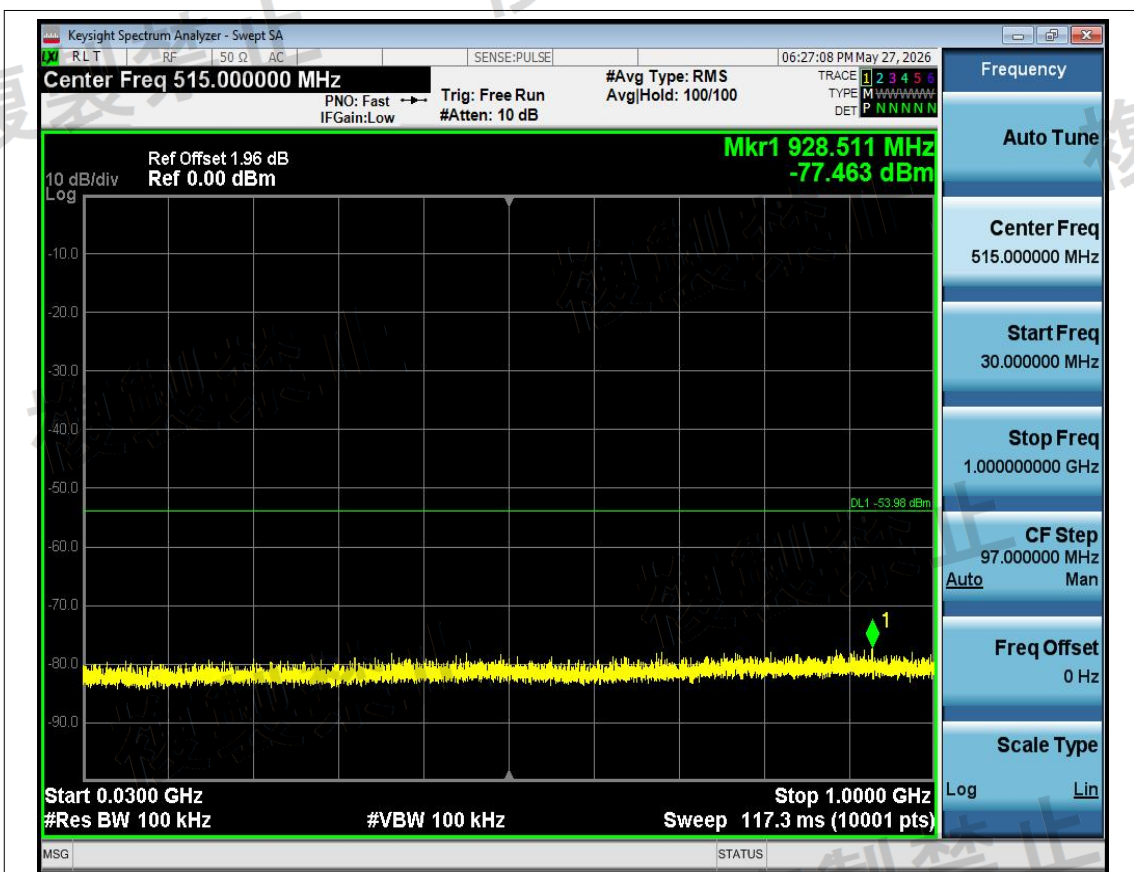
Tx. Spurious NVNT BLE 1M 2480MHz Ant1 @ 2483.5MHz-2496.5MHz



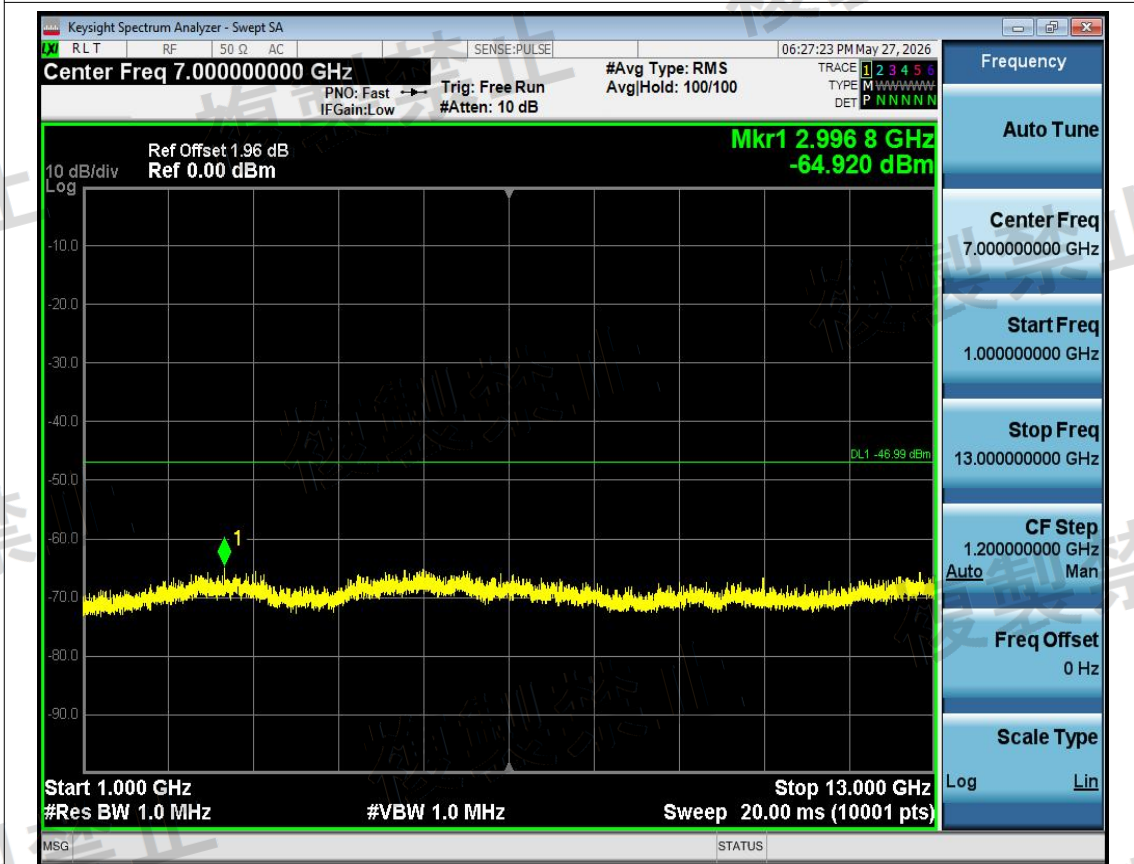


Rx Spurious Emission

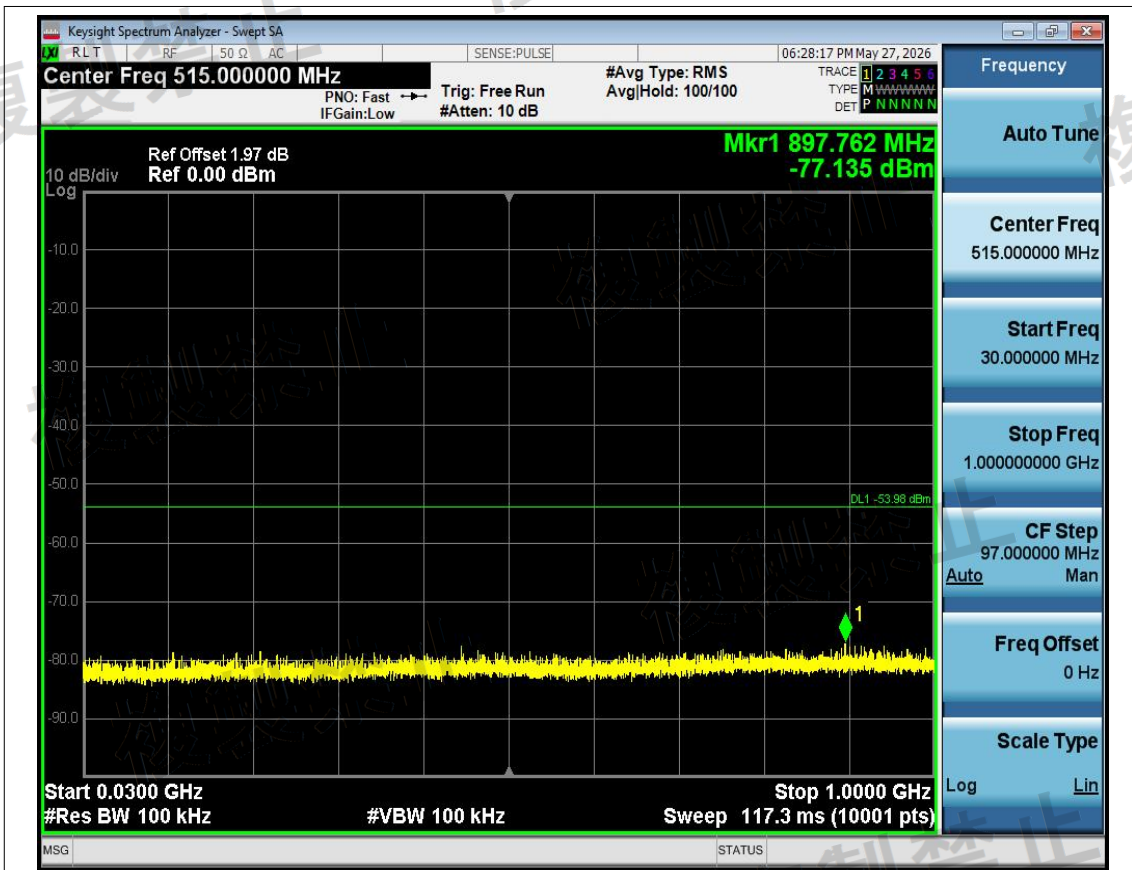
Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Emission Frequency (MHz)	Max Peak Value (dBm)	Max RMS Value (dBm)	Max Peak Value (nW)	Max RMS Value (nW)	Limit (nW)	Verdict
NVNT	BLE 1M	2402	Ant1	30-1000	928.51	-77.46	NA	0.0179	NA	4	Pass
NVNT	BLE 1M	2402	Ant1	1000-13000	2996.80	-64.92	NA	0.3221	NA	20	Pass
NVNT	BLE 1M	2440	Ant1	30-1000	897.76	-77.14	NA	0.0193	NA	4	Pass
NVNT	BLE 1M	2440	Ant1	1000-13000	6269.20	-64.70	NA	0.3388	NA	20	Pass
NVNT	BLE 1M	2480	Ant1	30-1000	855.86	-76.48	NA	0.0225	NA	4	Pass
NVNT	BLE 1M	2480	Ant1	1000-13000	6686.80	-64.39	NA	0.3639	NA	20	Pass



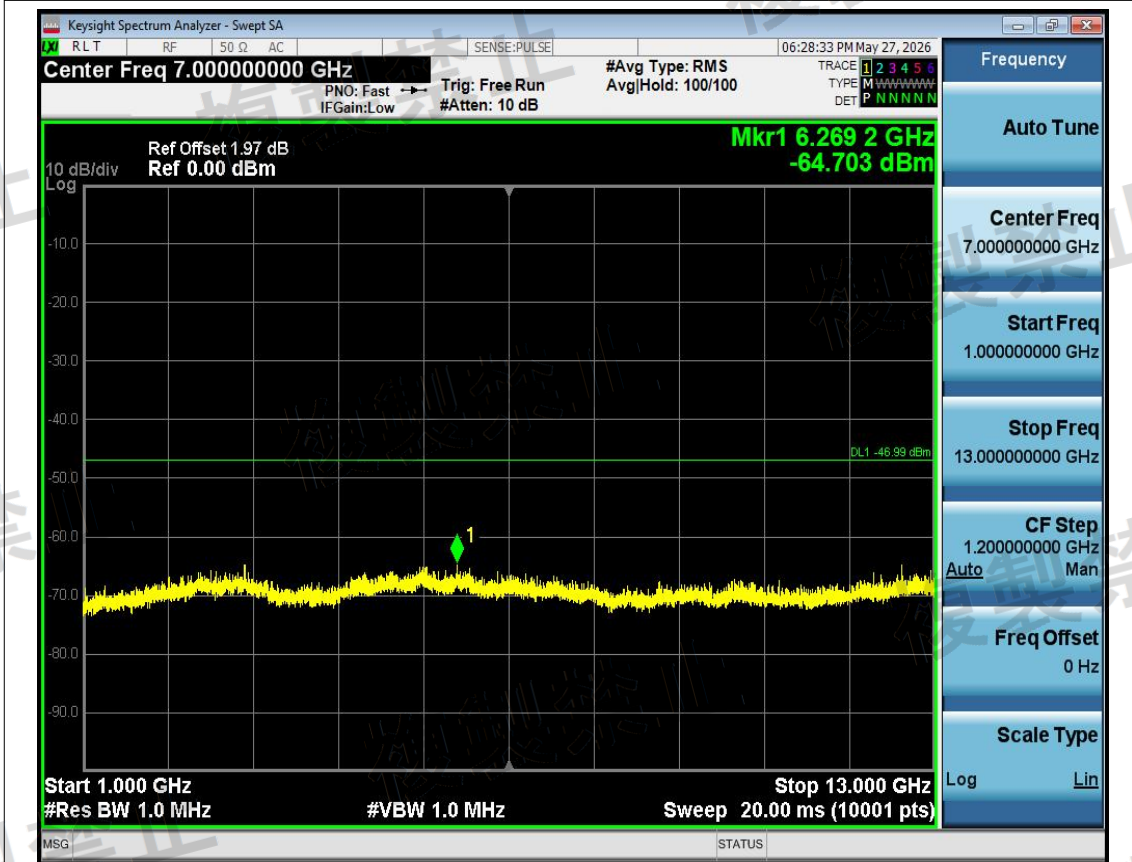
Rx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 30MHz-1000MHz



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



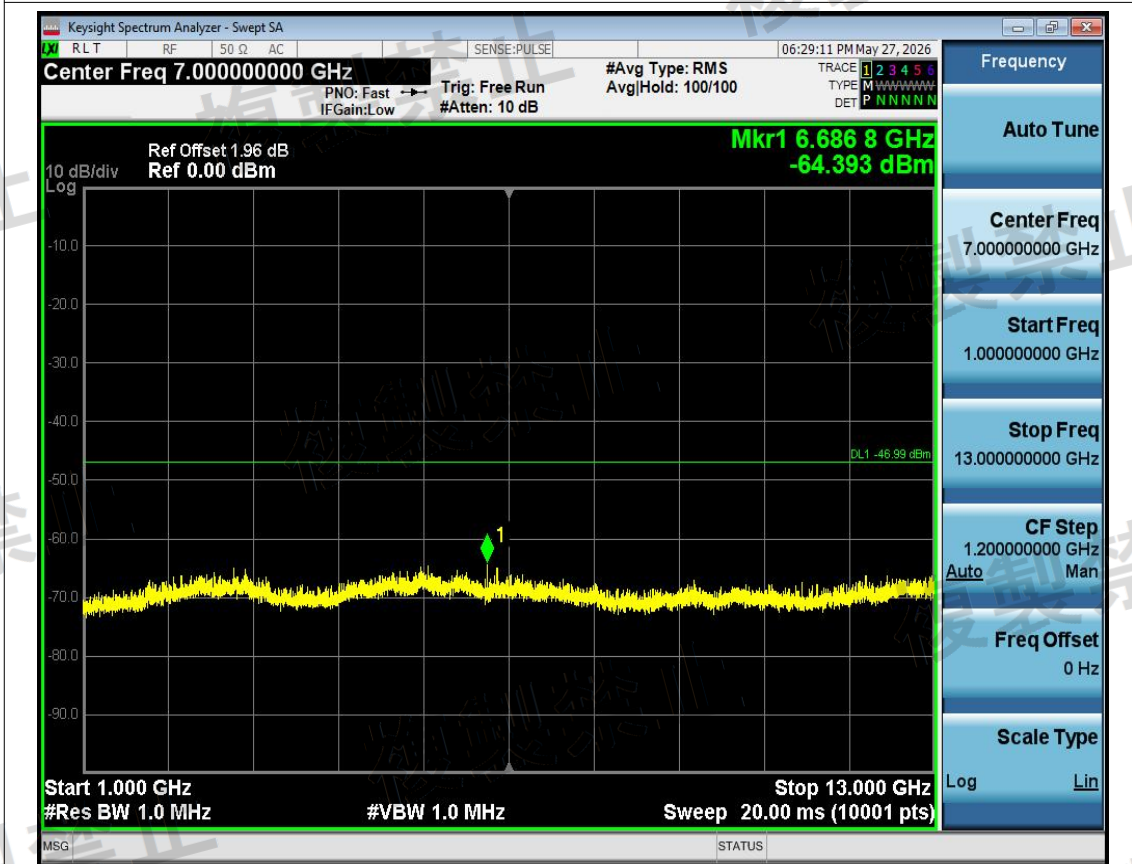
Rx. Spurious NVNT BLE 1M 2440MHz Ant1 @ 30MHz-1000MHz



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