

Guangdong Weili Intelligent Development Co., Ltd.

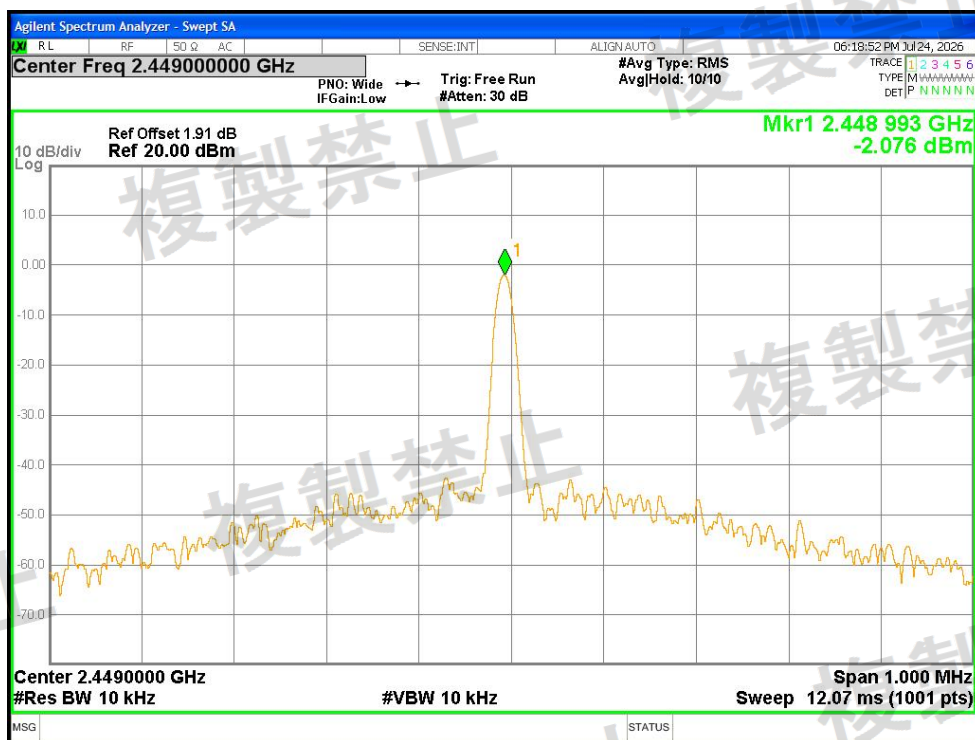
Model: 6402

1. Frequency Error

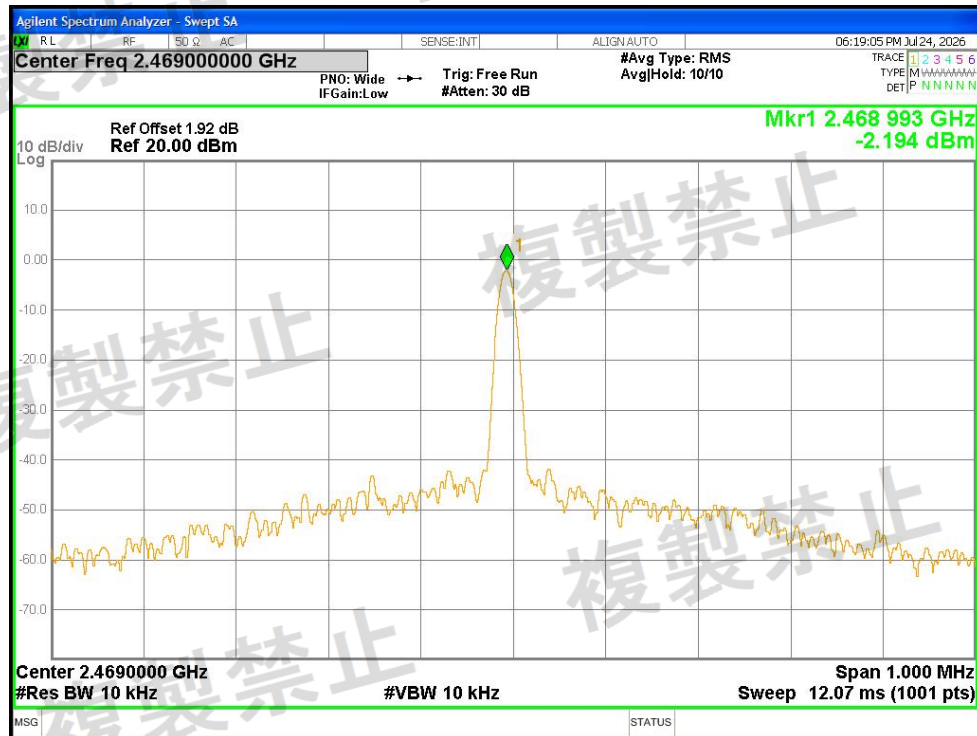
Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	CW	2412	Ant1	2411.992	-8000	-3.32	50	Pass
NVNT	CW	2449	Ant1	2448.993	-7000	-2.86	50	Pass
NVNT	CW	2469	Ant1	2468.993	-7000	-2.84	50	Pass



Freq. Error NVNT CW 2412MHz Ant1



Freq. Error NVNT CW 2449MHz Ant1



Freq. Error NVNT CW 2469MHz Ant1

2. Antenna Power

Condition	Mode	Frequency (MHz)	Antenna	Power (dBm)	Power (mW)	Limit (mW)	Declared Power (mW)	Tolerance (%)	Upper Limit (%)	Verdict
NVNT	2.4G	2412	Ant1	-1.59	0.693	10	1	-30.7	20	Pass
NVNT	2.4G	2449	Ant1	-1.65	0.684	10	1	-31.6	20	Pass
NVNT	2.4G	2469	Ant1	-1.54	0.701	10	1	-29.9	20	Pass

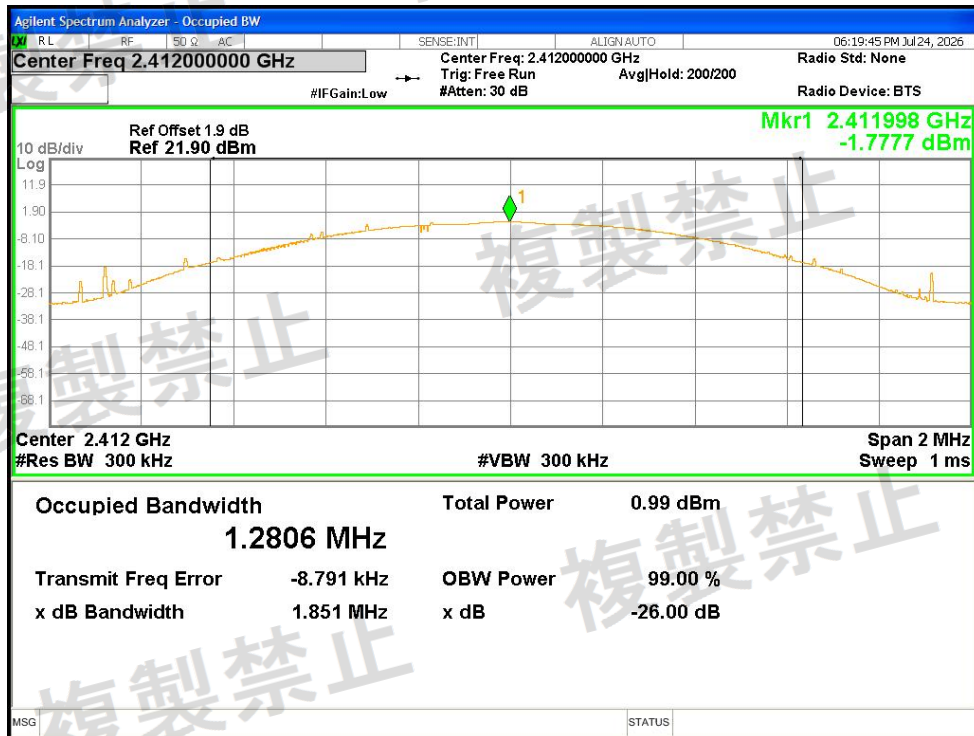
3. EIRP Power

Condition	Mode	Frequency (MHz)	Antenna	Antenna Power (mW)	Antenna Power (dBm)	Gain (dBi)	EIRP Power (dBm)	Limit (dBm)	Verdict
NVNT	2.4G	2412	Ant1	0.693	-1.59	0.1	-1.49	12.14	Pass
NVNT	2.4G	2449	Ant1	0.684	-1.65	0.1	-1.55	12.14	Pass
NVNT	2.4G	2469	Ant1	0.701	-1.54	0.1	-1.44	12.14	Pass

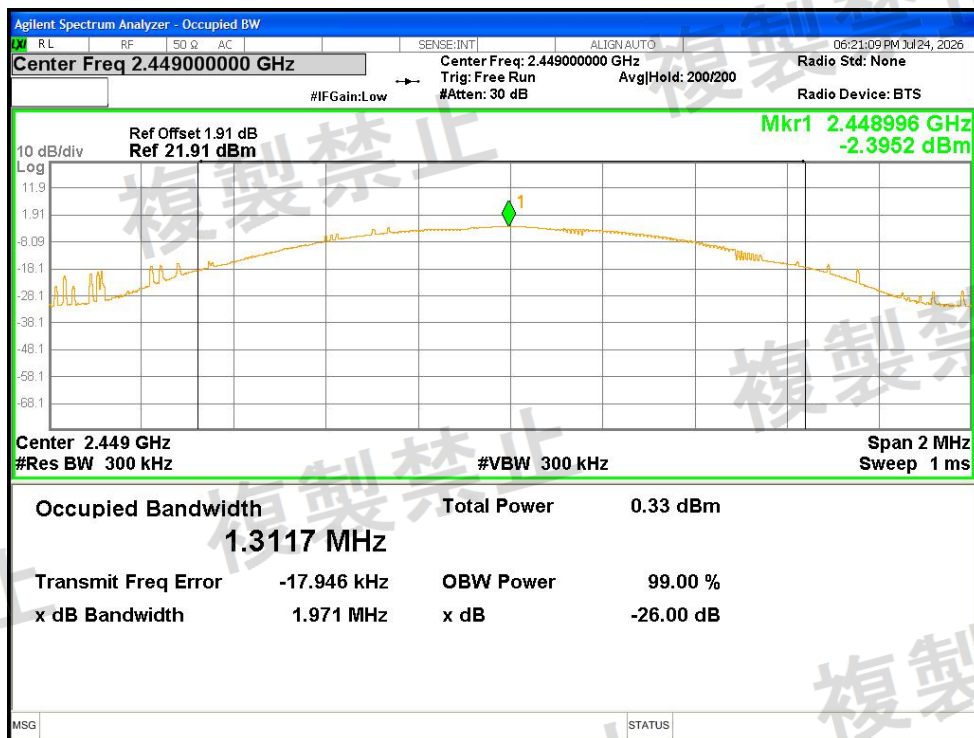
4. Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	2.4G	2412	Ant1	1.281
NVNT	2.4G	2449	Ant1	1.312
NVNT	2.4G	2469	Ant1	1.283

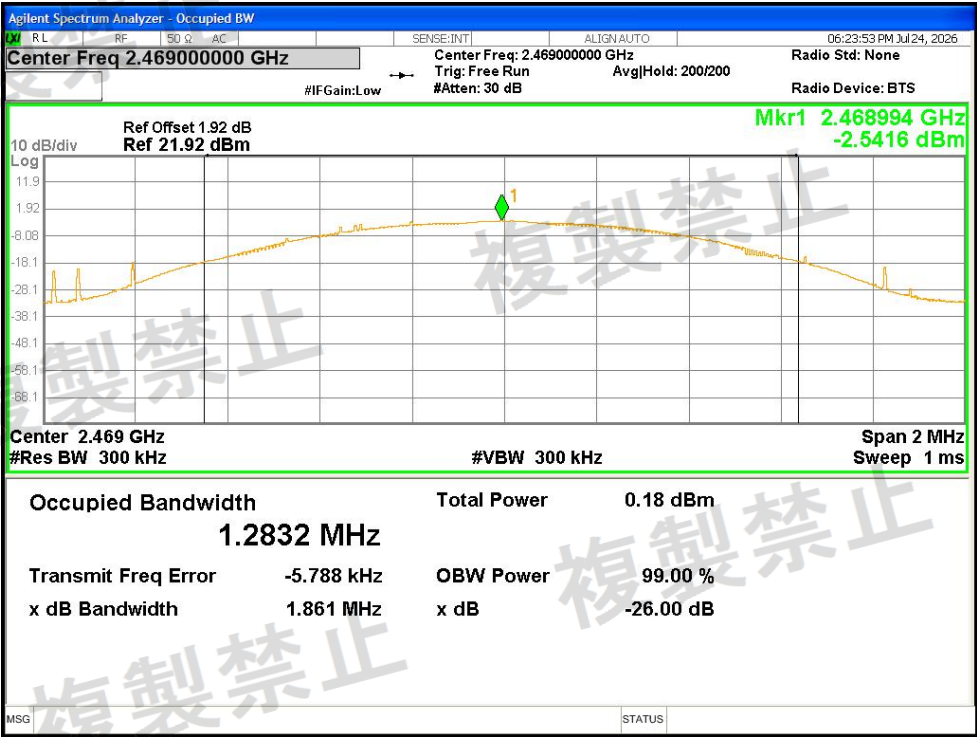
Report



OBW NVNT 2.4G 2412MHz Ant1



OBW NVNT 2.4G 2449MHz Ant1

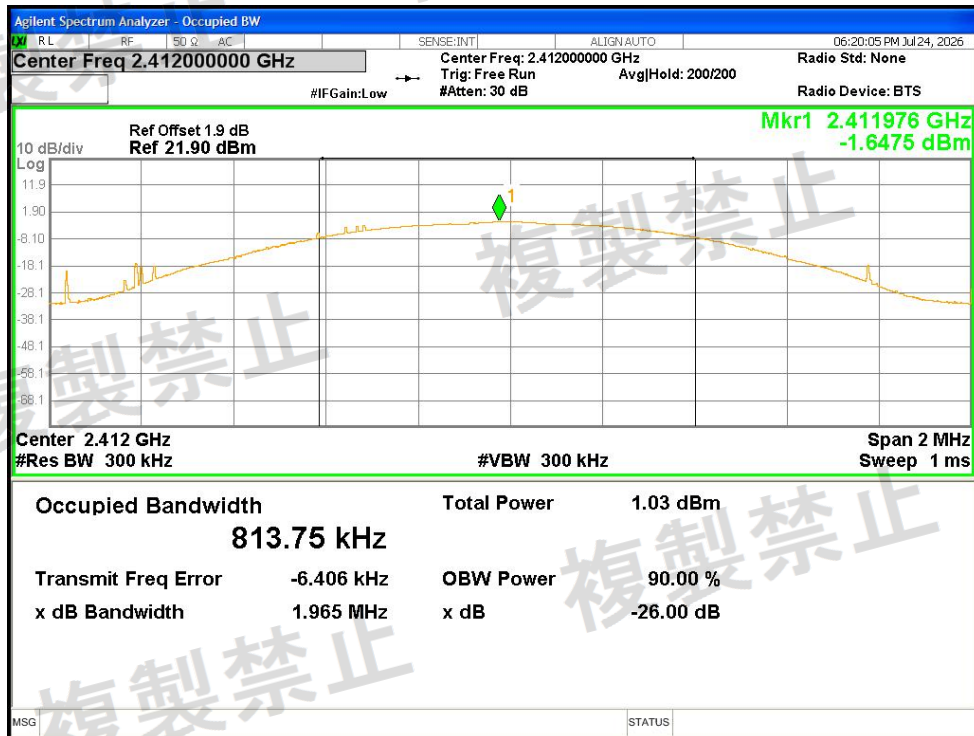


OBW NVNT 2.4G 2469MHz Ant1

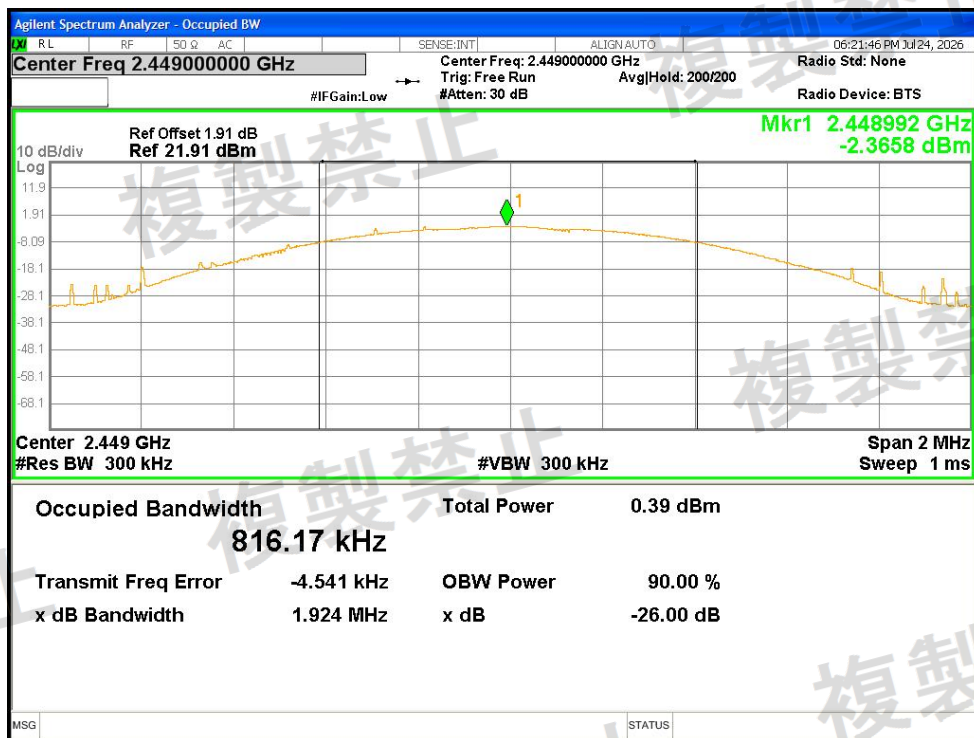
5. Spreading Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	90% OBW (MHz)
NVNT	2.4G	2412	Ant1	0.814
NVNT	2.4G	2449	Ant1	0.816
NVNT	2.4G	2469	Ant1	0.812

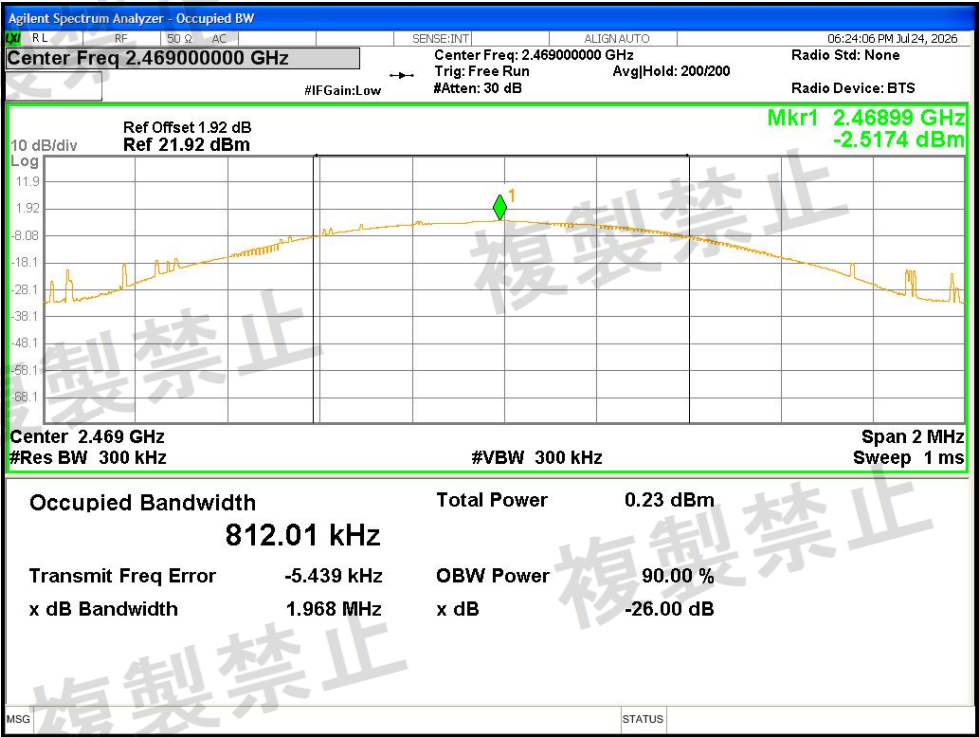
Report



Spreading Bandwidth NVNT 2.4G 2412MHz Ant1



Spreading Bandwidth NVNT 2.4G 2449MHz Ant1

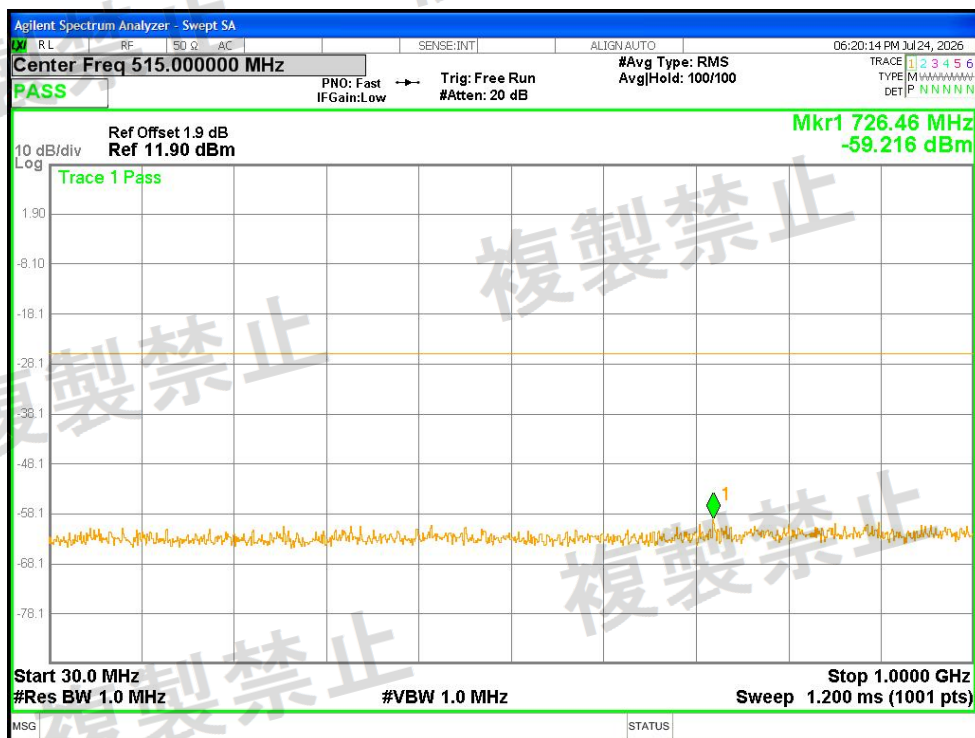


Spreading Bandwidth NVNT 2.4G 2469MHz Ant1

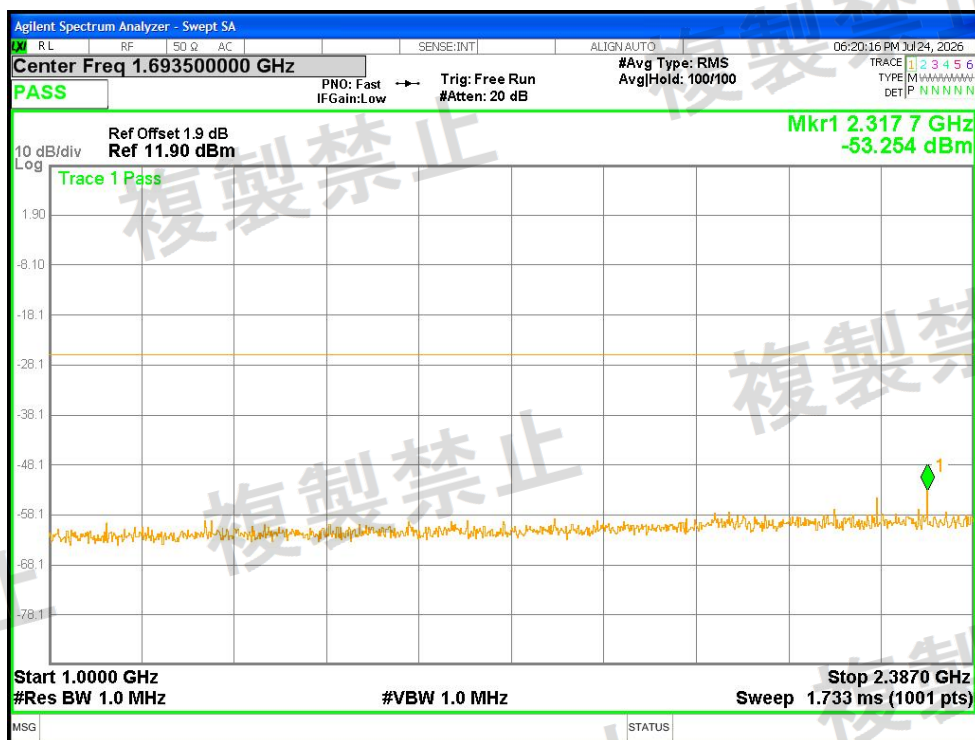
6. Tx Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Emission Frequency (MHz)	Max Peak Value (dBm)	Max RMS Value (dBm)	Max Peak Value (uW/MHz)	Max RMS Value (uW/MHz)	Limit Start(uW/MHz)	Limit Stop (uW/MHz)	Verdict
NVNT	2.4G	2412	Ant1	30-1000	726.46	-59.21	NA	0.0012	NA	2.5	2.5	Pass
NVNT	2.4G	2412	Ant1	1000-2387	2317.65	-53.25	NA	0.0047	NA	2.5	2.5	Pass
NVNT	2.4G	2412	Ant1	2387-2400	2398.60	-35.05	NA	0.3126	NA	25	25	Pass
NVNT	2.4G	2412	Ant1	2483.5-2496.5	2492.78	-52.64	NA	0.0054	NA	25	25	Pass
NVNT	2.4G	2412	Ant1	2496.5-13000	5763.09	-49.69	NA	0.0107	NA	2.5	2.5	Pass
NVNT	2.4G	2449	Ant1	30-1000	861.29	-59.56	NA	0.0011	NA	2.5	2.5	Pass
NVNT	2.4G	2449	Ant1	1000-2387	2271.88	-56.89	NA	0.002	NA	2.5	2.5	Pass
NVNT	2.4G	2449	Ant1	2387-2400	2398.97	-46.27	NA	0.0236	NA	25	25	Pass
NVNT	2.4G	2449	Ant1	2483.5-2496.5	2484.59	-44.99	NA	0.0317	NA	25	25	Pass
NVNT	2.4G	2449	Ant1	2496.5-13000	2538.51	-48.23	NA	0.015	NA	2.5	2.5	Pass
NVNT	2.4G	2469	Ant1	30-1000	874.87	-59.12	NA	0.0012	NA	2.5	2.5	Pass
NVNT	2.4G	2469	Ant1	1000-2387	2198.37	-55.66	NA	0.0027	NA	2.5	2.5	Pass
NVNT	2.4G	2469	Ant1	2387-2400	2395.03	-49.73	NA	0.0106	NA	25	25	Pass
NVNT	2.4G	2469	Ant1	2483.5-2496.5	2484.45	-37.46	NA	0.1795	NA	25	25	Pass
NVNT	2.4G	2469	Ant1	2496.5-13000	2496.50	-41.74	NA	0.067	NA	2.5	2.5	Pass

Report

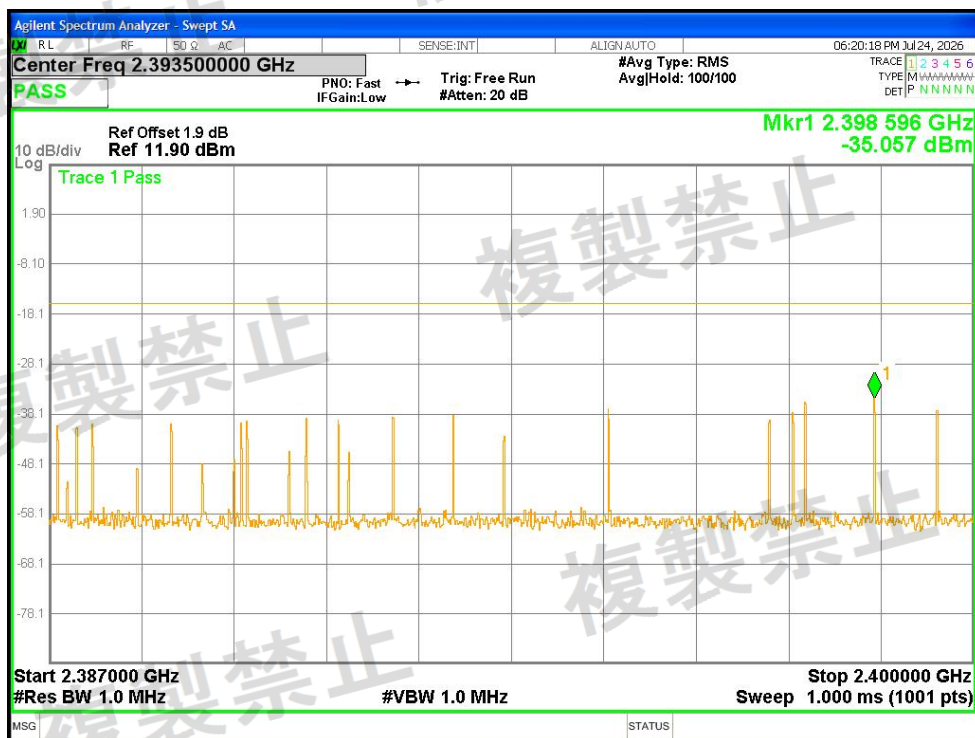


Tx. Spurious NVNT 2.4G 2412MHz Ant1 @ 30MHz-1000MHz

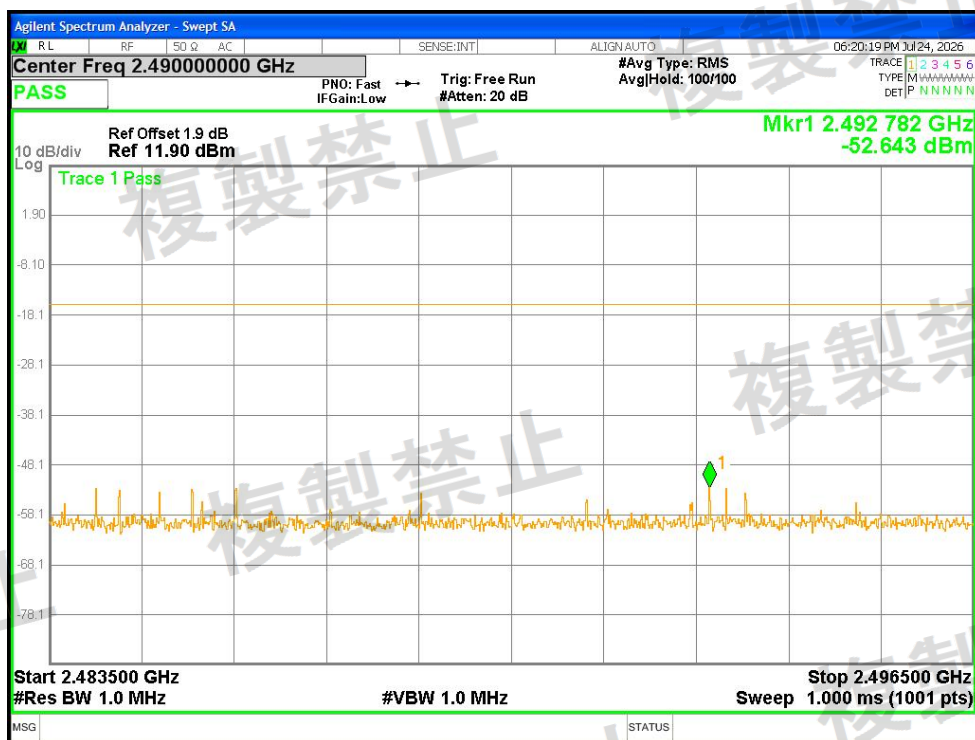


Tx. Spurious NVNT 2.4G 2412MHz Ant1 @ 1000MHz-2387MHz

Report



Tx. Spurious NVNT 2.4G 2412MHz Ant1 @ 2387MHz-2400MHz

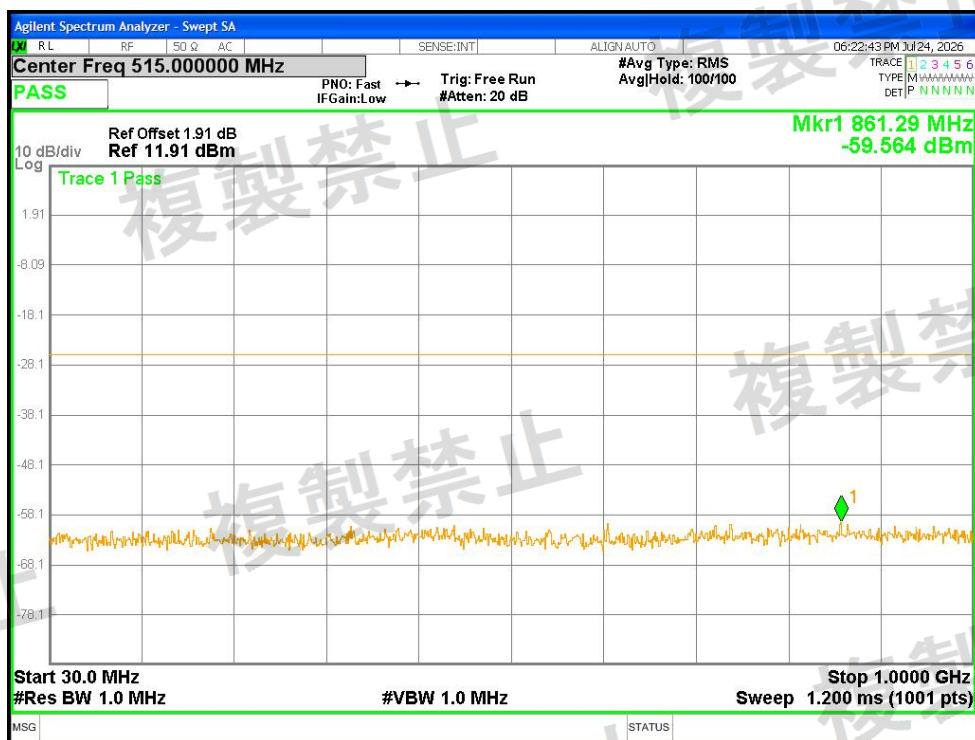


Tx. Spurious NVNT 2.4G 2412MHz Ant1 @ 2483.5MHz-2496.5MHz

Report

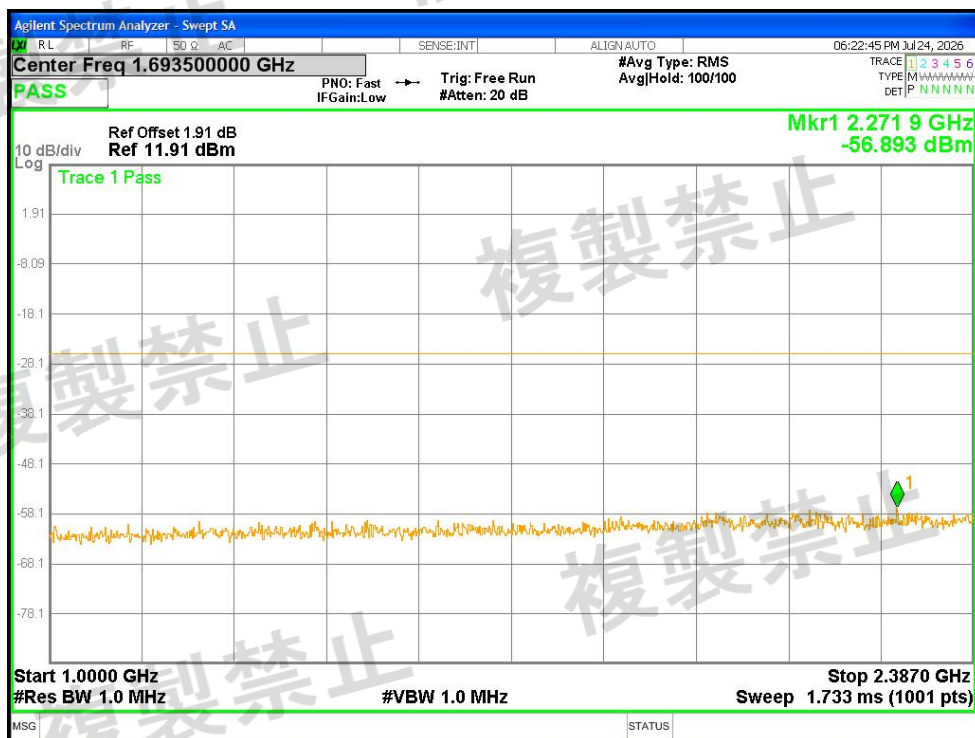


Tx. Spurious NVNT 2.4G 2412MHz Ant1 @ 2496.5MHz-13000MHz

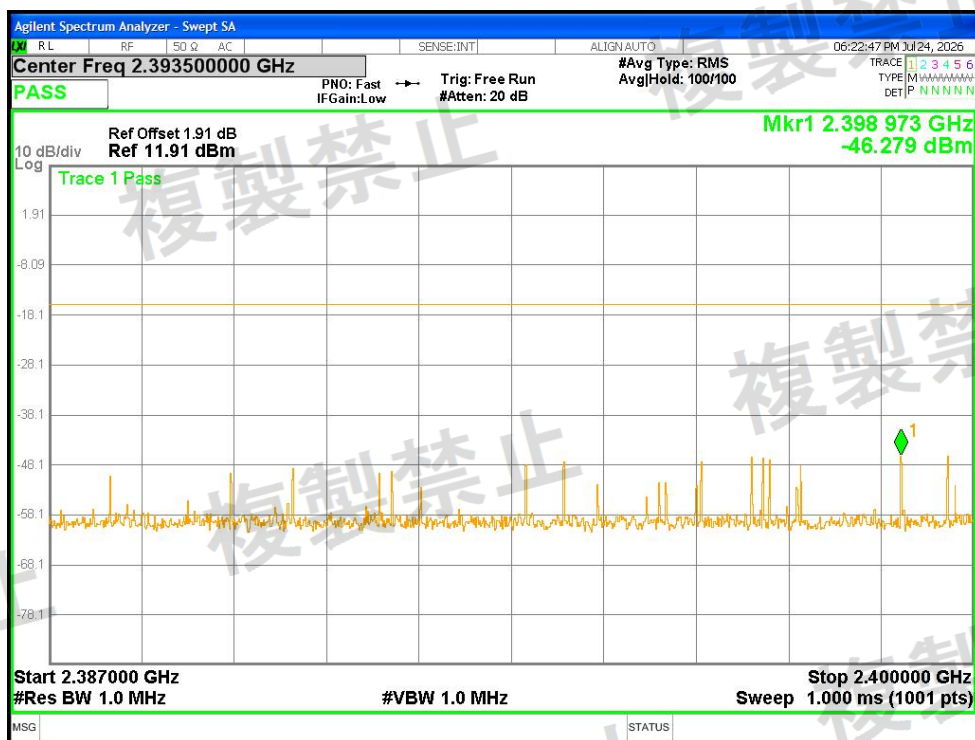


Tx. Spurious NVNT 2.4G 2449MHz Ant1 @ 30MHz-1000MHz

Report

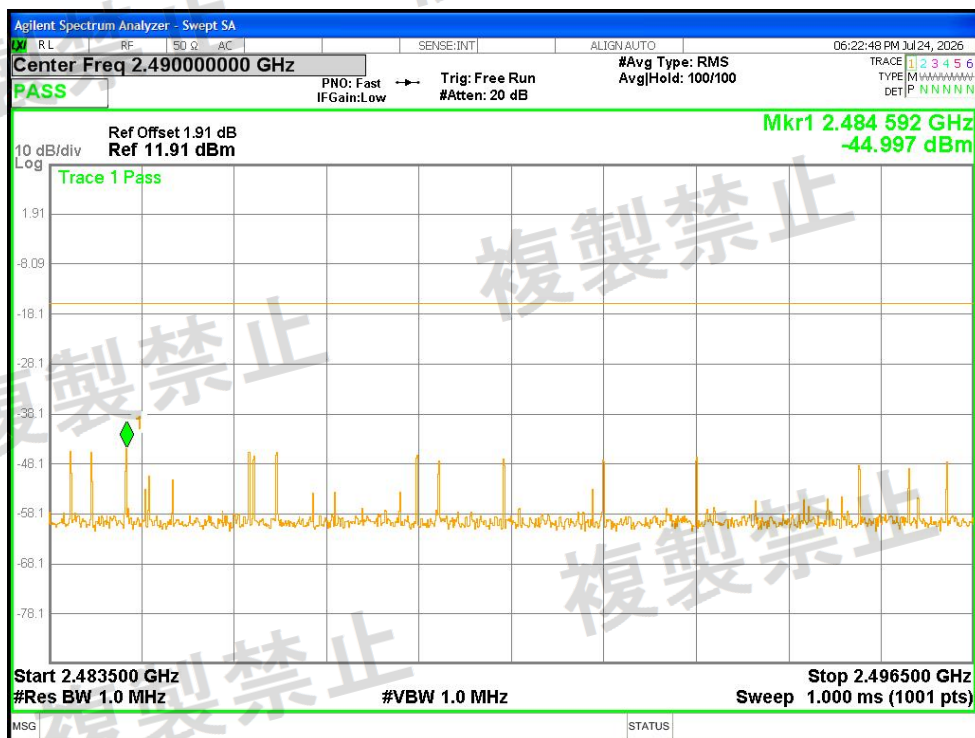


Tx. Spurious NVNT 2.4G 2449MHz Ant1 @ 1000MHz-2387MHz

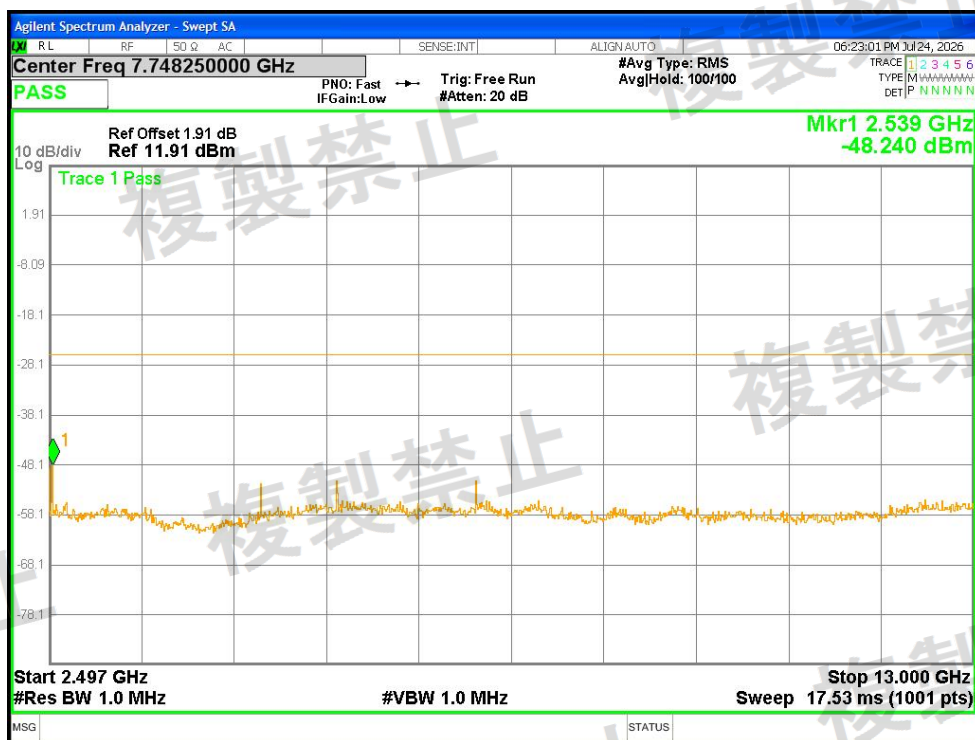


Tx. Spurious NVNT 2.4G 2449MHz Ant1 @ 2387MHz-2400MHz

Report

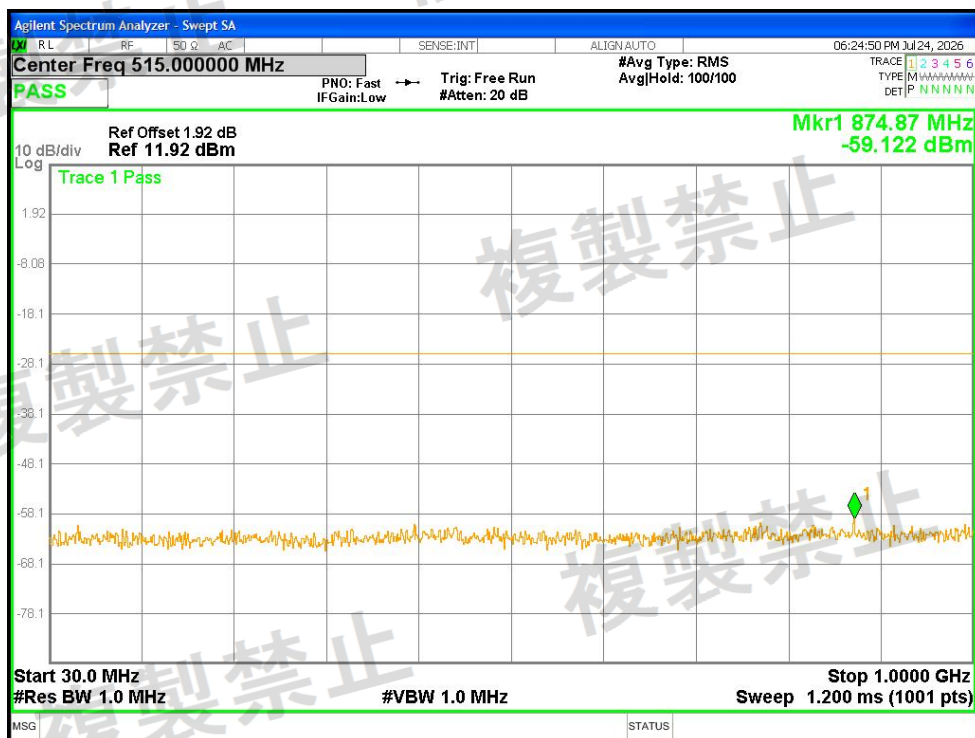


Tx. Spurious NVNT 2.4G 2449MHz Ant1 @ 2483.5MHz-2496.5MHz

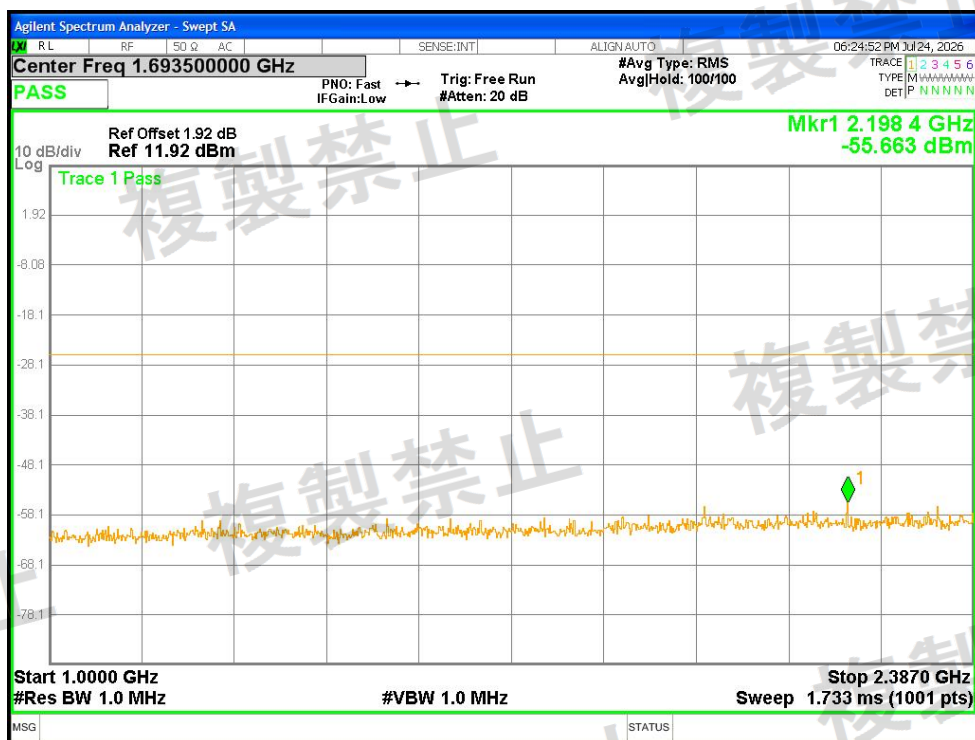


Tx. Spurious NVNT 2.4G 2449MHz Ant1 @ 2496.5MHz-13000MHz

Report

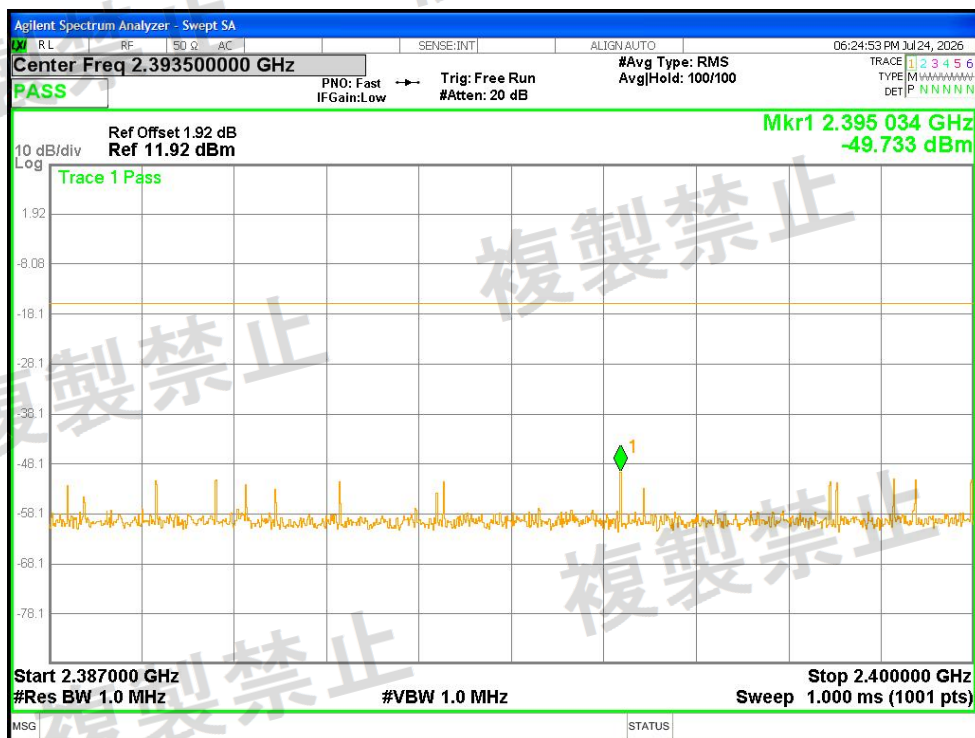


Tx. Spurious NVNT 2.4G 2469MHz Ant1 @ 30MHz-1000MHz

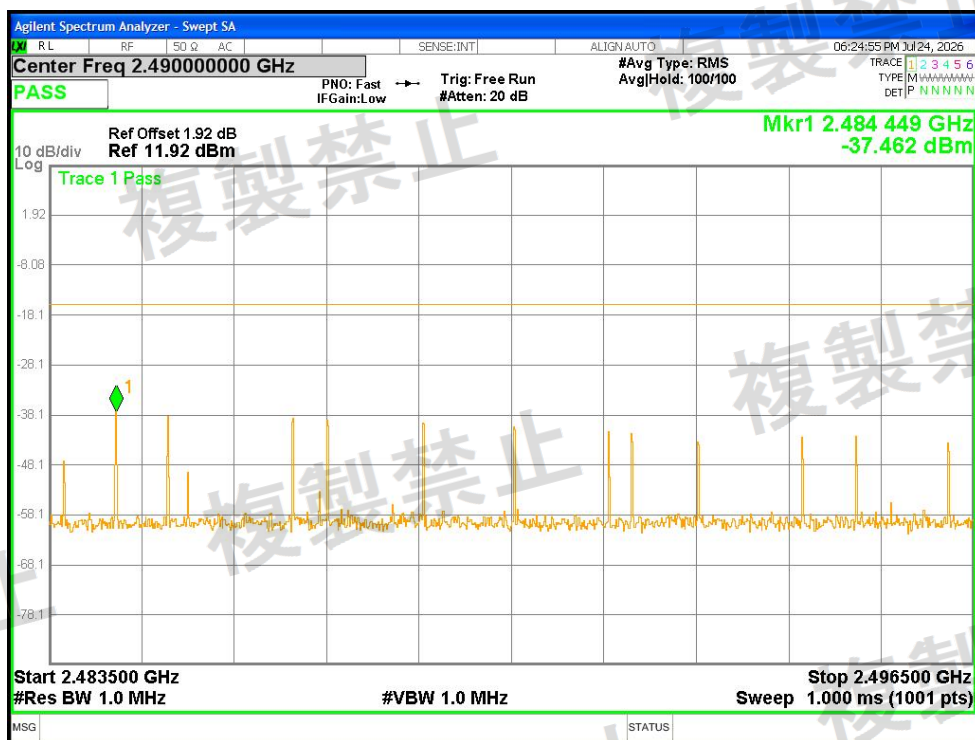


Tx. Spurious NVNT 2.4G 2469MHz Ant1 @ 1000MHz-2387MHz

Report



Tx. Spurious NVNT 2.4G 2469MHz Ant1 @ 2387MHz-2400MHz



Tx. Spurious NVNT 2.4G 2469MHz Ant1 @ 2483.5MHz-2496.5MHz

Report

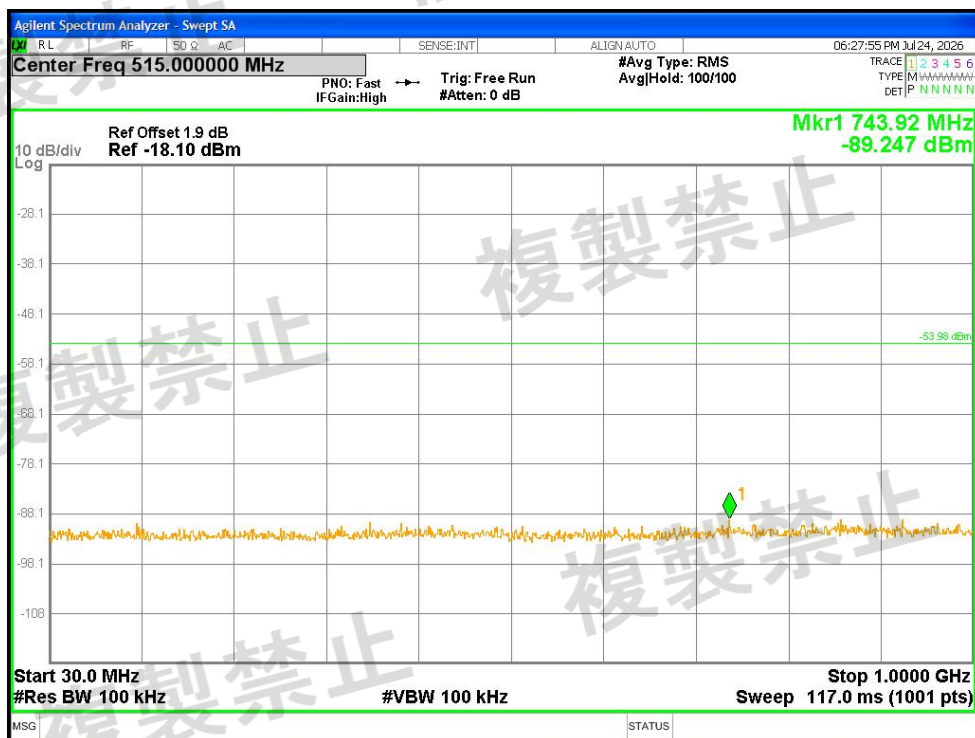


Tx. Spurious NVNT 2.4G 2469MHz Ant1 @ 2496.5MHz-13000MHz

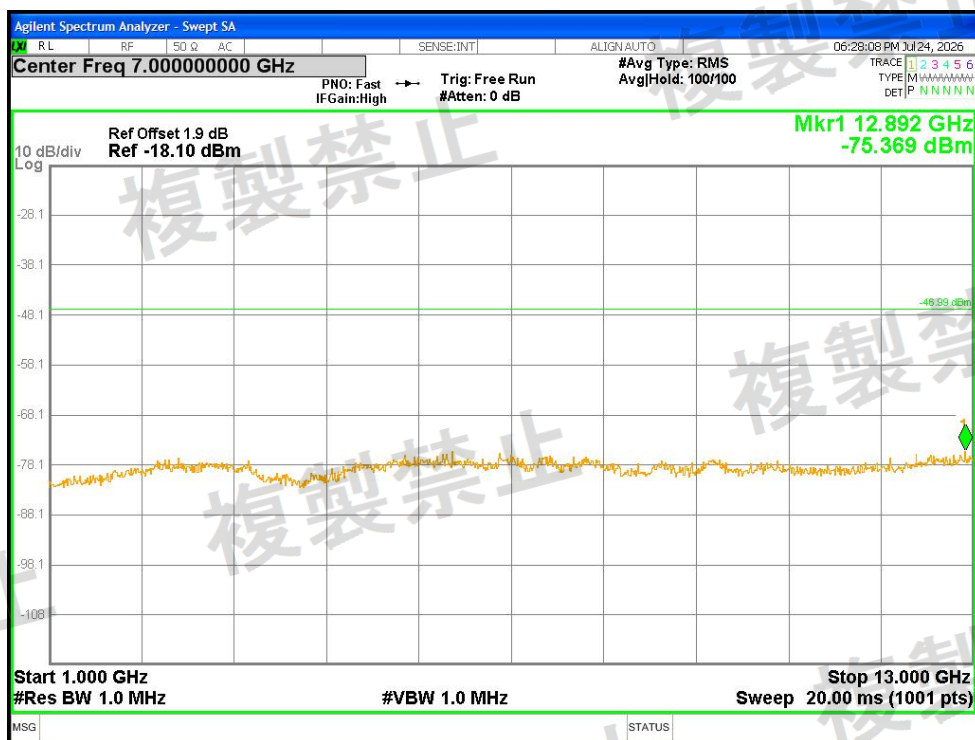
7. Rx Spurious Emission

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	2.4G	2412	Ant1	30-1000	743.92	-89.25	NA	0.0012	NA	4	Pass
NVNT	2.4G	2412	Ant1	1000-13000	12892.00	-75.37	NA	0.029	NA	20	Pass
NVNT	2.4G	2449	Ant1	30-1000	841.89	-89.14	NA	0.0012	NA	4	Pass
NVNT	2.4G	2449	Ant1	1000-13000	8080.00	-75.58	NA	0.0277	NA	20	Pass
NVNT	2.4G	2469	Ant1	30-1000	875.84	-88.97	NA	0.0013	NA	4	Pass
NVNT	2.4G	2469	Ant1	1000-13000	12940.00	-75.03	NA	0.0314	NA	20	Pass

Report

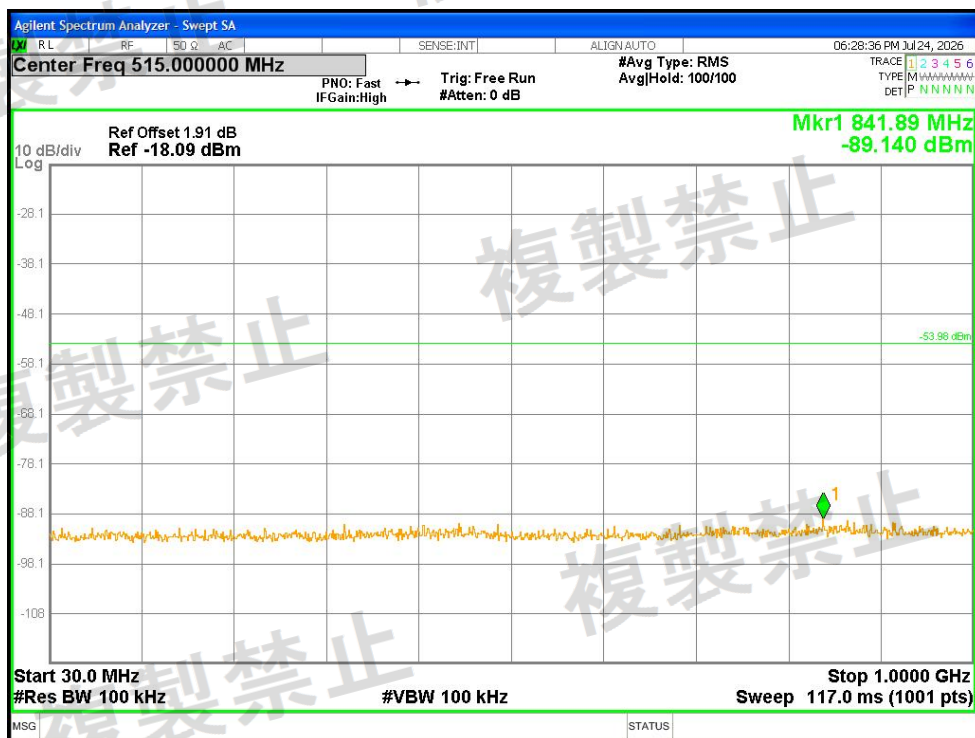


Rx. Spurious NVNT 2.4G 2412MHz Ant1 @ 30MHz-1000MHz

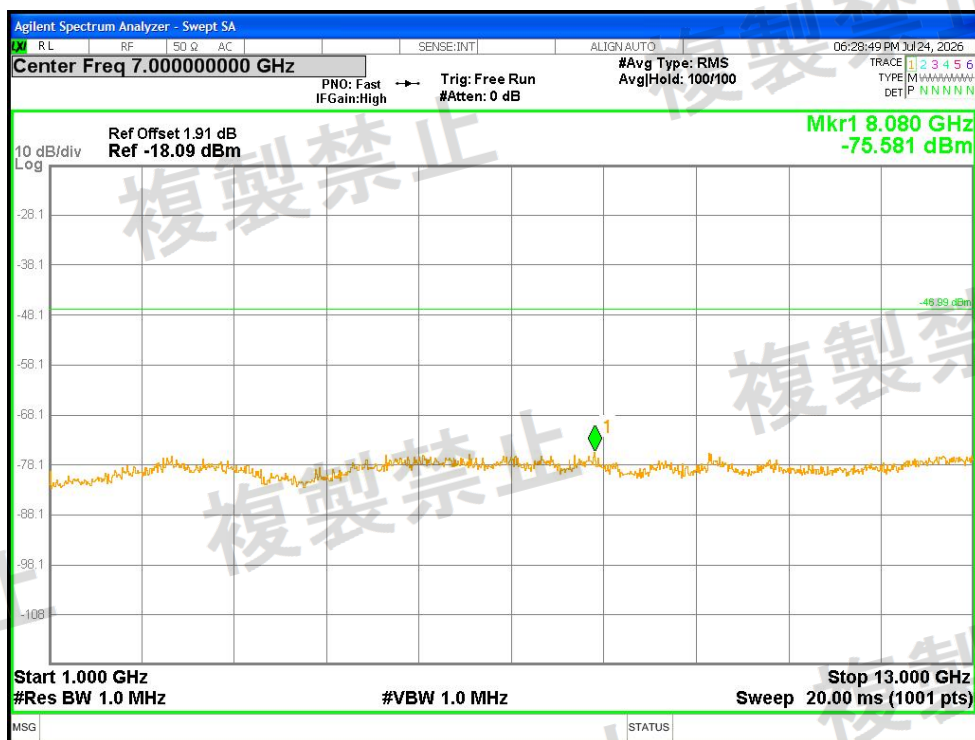


Rx. Spurious NVNT 2.4G 2412MHz Ant1 @ 1000MHz-13000MHz

Report

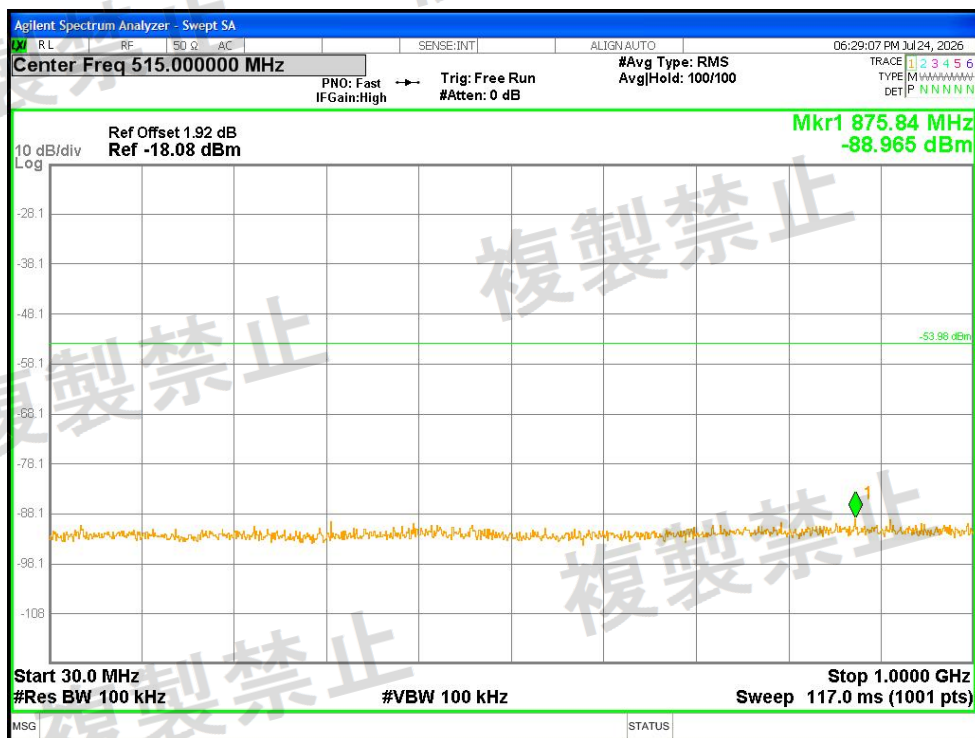


Rx. Spurious NVNT 2.4G 2449MHz Ant1 @ 30MHz-1000MHz

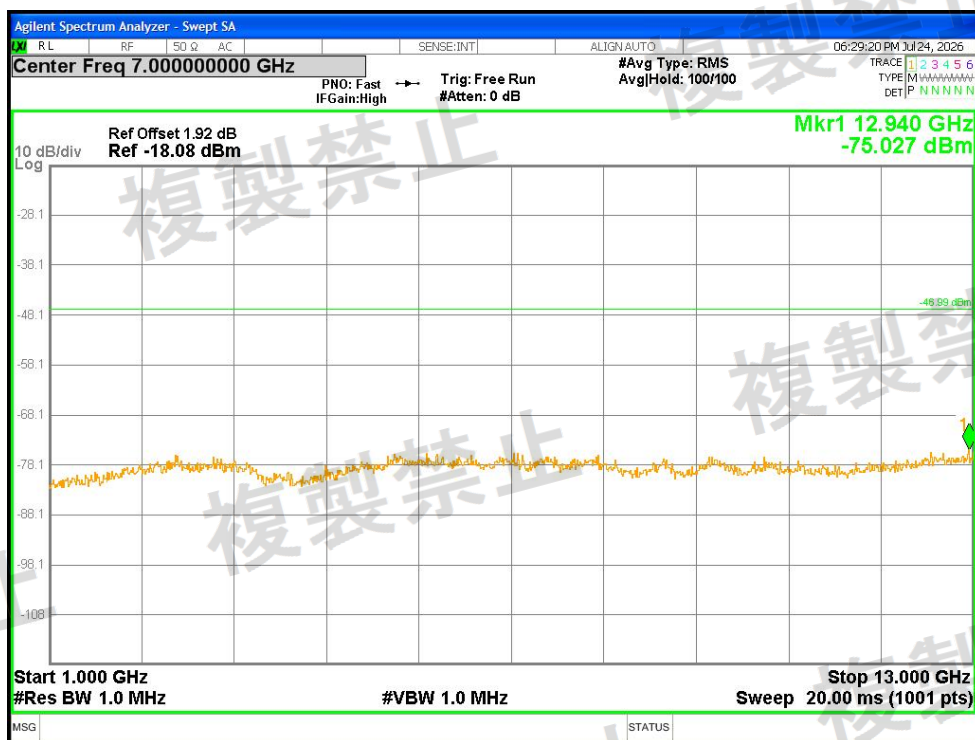


Rx. Spurious NVNT 2.4G 2449MHz Ant1 @ 1000MHz-13000MHz

Report



Rx. Spurious NVNT 2.4G 2469MHz Ant1 @ 30MHz-1000MHz



Rx. Spurious NVNT 2.4G 2469MHz Ant1 @ 1000MHz-13000MHz