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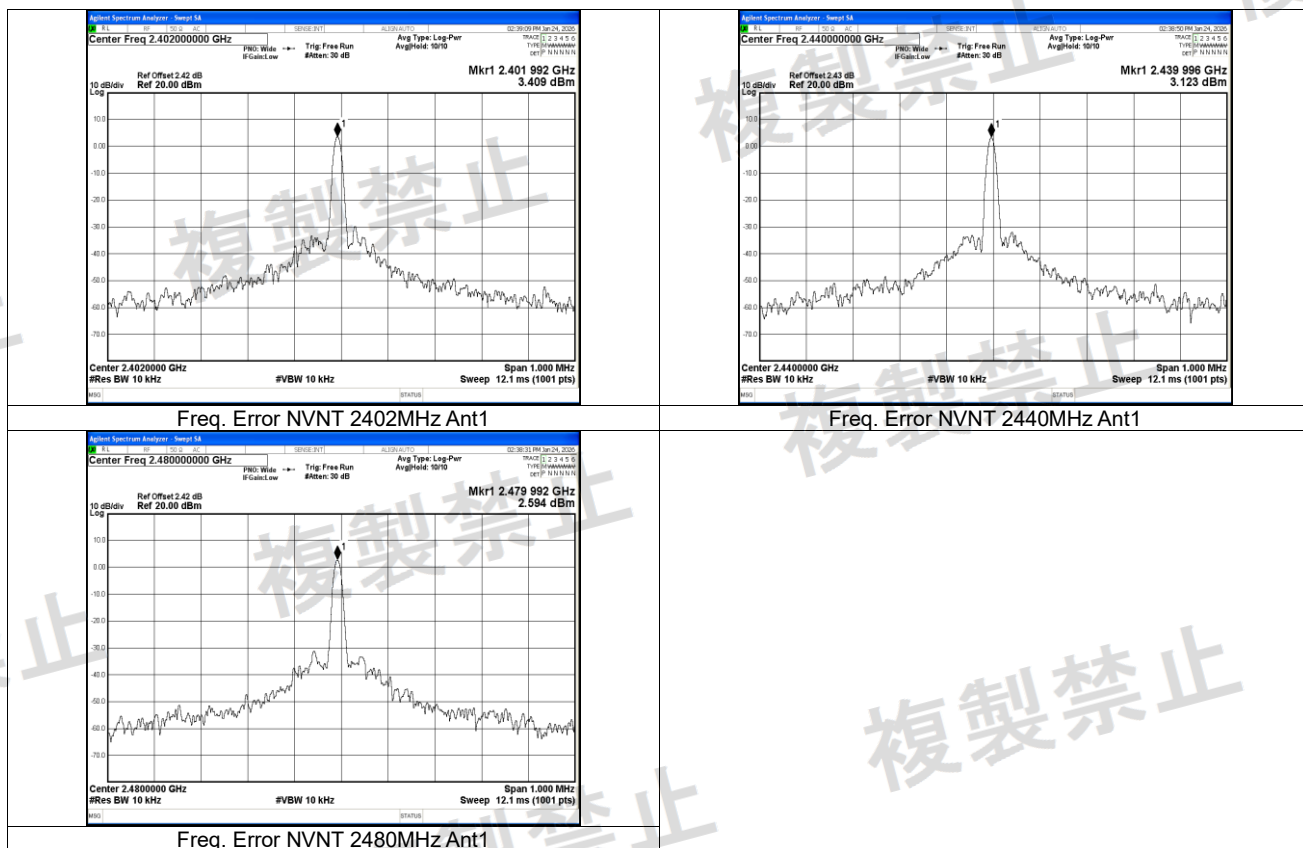
Frequency Error

Temperature:	20.1°C	Humidity:	40.0% RH
Operation Mode:	Unmodulated mode		

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	/	2402	Ant1	2401.992	-8000	-3.33	50	Pass
NVNT	/	2440	Ant1	2439.996	-4000	-1.64	50	Pass
NVNT	/	2480	Ant1	2479.992	-8000	-3.23	50	Pass

Note:

Tolerance = (Measured Frequency – Frequency) / Frequency * 10⁶.



Antenna Power

Temperature:	20.1°C	Humidity:	40.0% RH
Operation Mode:	TX mode		

Condition	Mode	Frequency (MHz)	Antenna	Power (dBm)	Power (mW)	Limit (mW)	Declared Power (mW)	Tolerance (%)	Upper Limit (%)	Verdict
NVNT	BLE 1M	2402	Ant1	3.6	2.291	10	5	-54.18	20	Pass
NVNT	BLE 1M	2440	Ant1	3.42	2.198	10	5	-56.04	20	Pass
NVNT	BLE 1M	2480	Ant1	2.94	1.968	10	5	-60.64	20	Pass
NVNT	BLE 2M	2402	Ant1	3.43	2.203	10	5	-55.94	20	Pass
NVNT	BLE 2M	2440	Ant1	3.27	2.123	10	5	-57.54	20	Pass
NVNT	BLE 2M	2480	Ant1	2.76	1.888	10	5	-62.24	20	Pass

Note:

Power (mW) = $10^{(\text{Power(dBm)}/10)}$

Tolerance = $(\text{Power (mW)} - \text{Declared Power}) / \text{Declared Power} * 100\%$.

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	2.291	3.6	2.85	6.45	12.14	Pass
NVNT	BLE 1M	2440	Ant1	2.198	3.42	2.85	6.27	12.14	Pass
NVNT	BLE 1M	2480	Ant1	1.968	2.94	2.85	5.79	12.14	Pass
NVNT	BLE 2M	2402	Ant1	2.203	3.43	2.85	6.28	12.14	Pass
NVNT	BLE 2M	2440	Ant1	2.123	3.27	2.85	6.12	12.14	Pass
NVNT	BLE 2M	2480	Ant1	1.888	2.76	2.85	5.61	12.14	Pass

Occupied Channel Bandwidth

Temperature:	20.1°C	Humidity:	40.0% RH
Operation Mode:	TX mode		

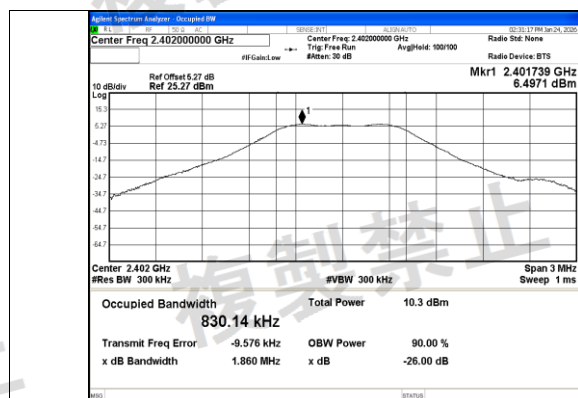
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	BLE 1M	2402	Ant1	1.2639
NVNT	BLE 1M	2440	Ant1	1.2654
NVNT	BLE 1M	2480	Ant1	1.2664
NVNT	BLE 2M	2402	Ant1	2.1228
NVNT	BLE 2M	2440	Ant1	2.119
NVNT	BLE 2M	2480	Ant1	2.1294



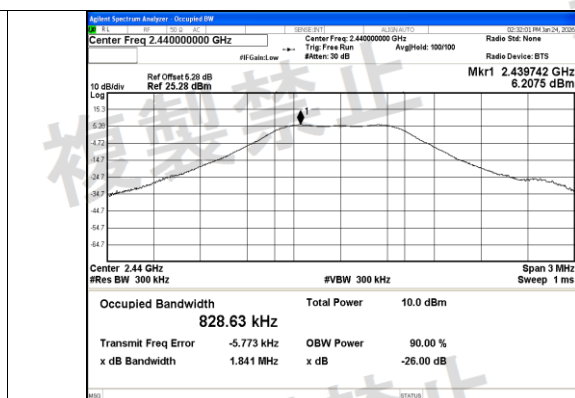
Spreading Bandwidth

Temperature:	20.1°C	Humidity:	40.0% RH
Operation Mode:	TX mode		

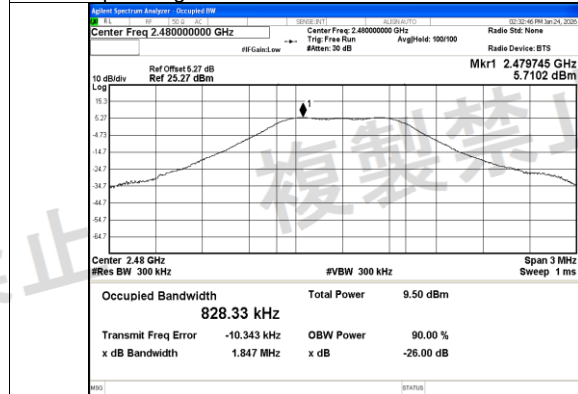
Condition	Mode	Frequency (MHz)	Antenna	90% OBW (MHz)	Limit (MHz)	Verdict
NVNT	BLE 1M	2402	Ant1	0.83014	0.5	Pass
NVNT	BLE 1M	2440	Ant1	0.82863	0.5	Pass
NVNT	BLE 1M	2480	Ant1	0.82833	0.5	Pass
NVNT	BLE 2M	2402	Ant1	1.3608	0.5	Pass
NVNT	BLE 2M	2440	Ant1	1.3678	0.5	Pass
NVNT	BLE 2M	2480	Ant1	1.3661	0.5	Pass



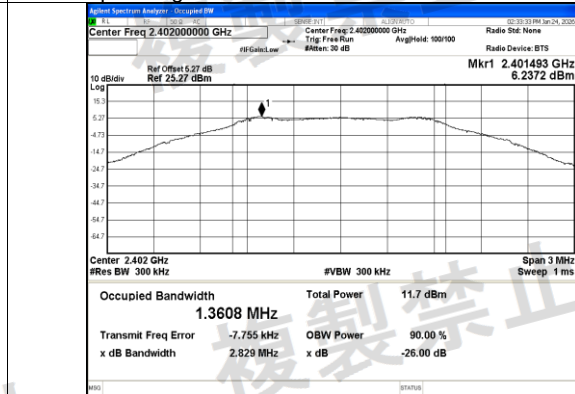
Spreading Bandwidth NVNT BLE 1M 2402MHz Ant1



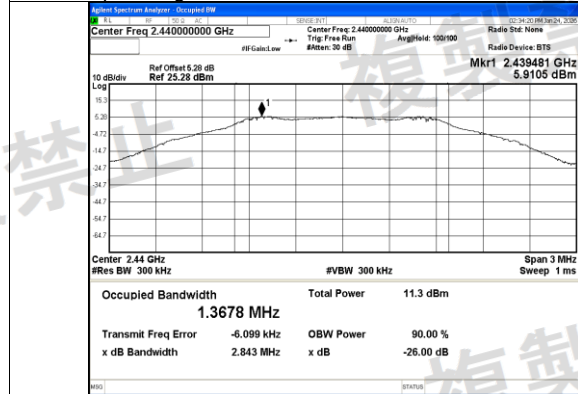
Spreading Bandwidth NVNT BLE 1M 2440MHz Ant1



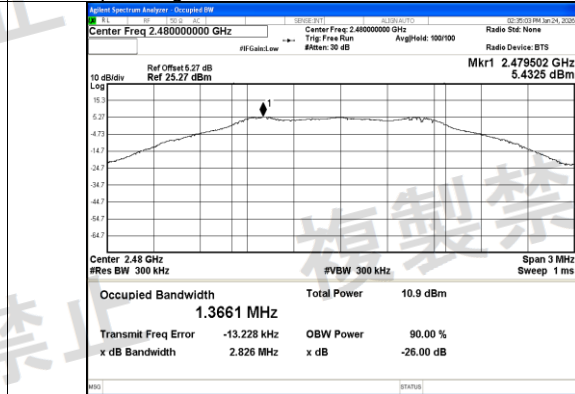
Spreading Bandwidth NVNT BLE 1M 2480MHz Ant1



Spreading Bandwidth NVNT BLE 2M 2402MHz Ant1



Spreading Bandwidth NVNT BLE 2M 2440MHz Ant1



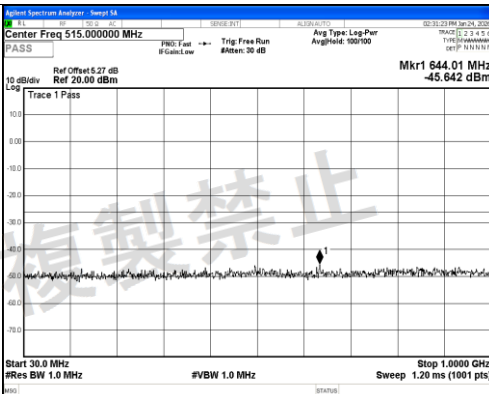
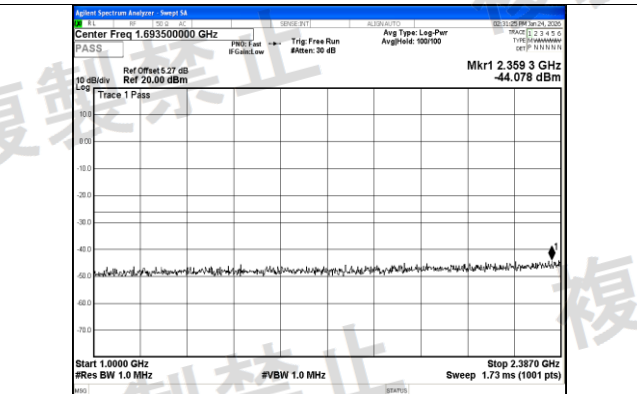
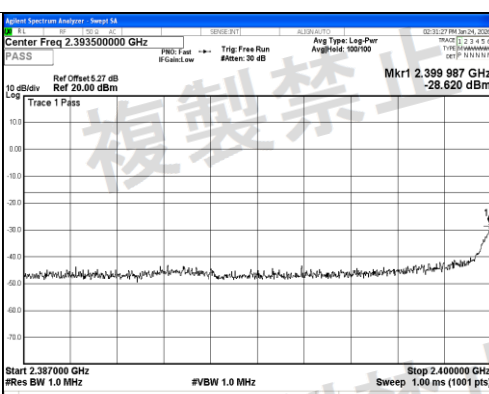
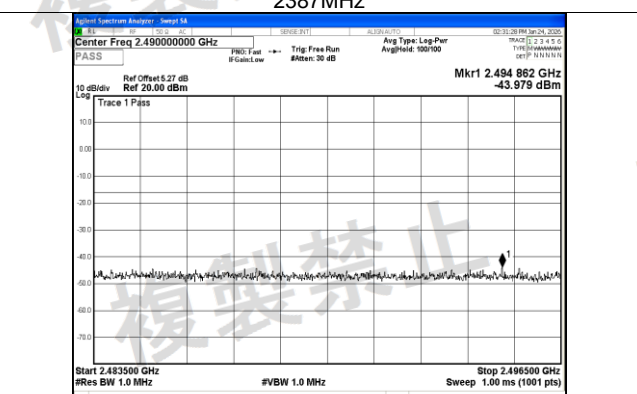
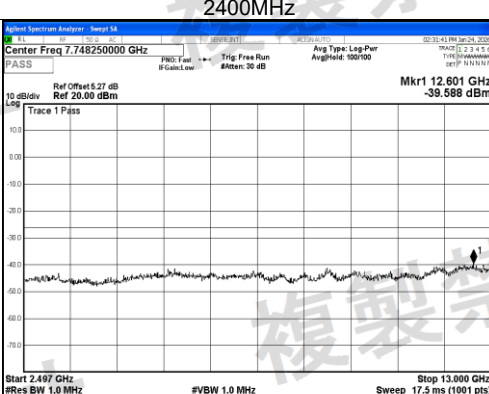
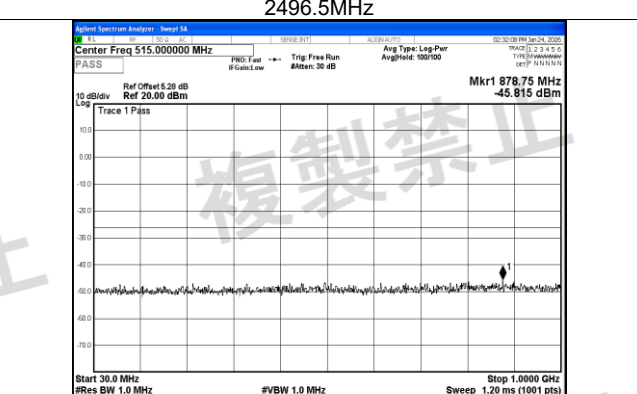
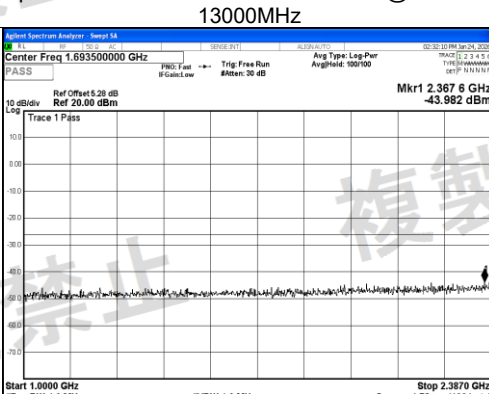
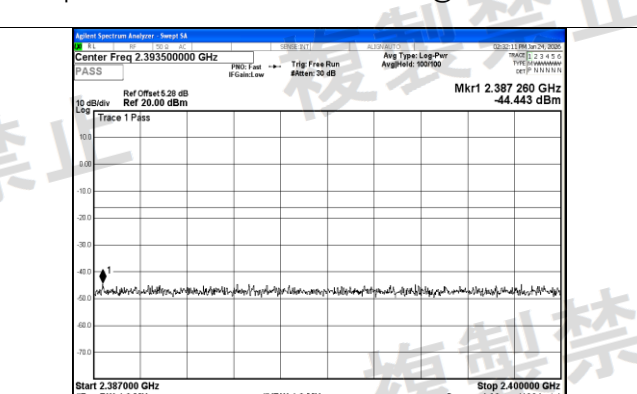
Spreading Bandwidth NVNT BLE 2M 2480MHz Ant1

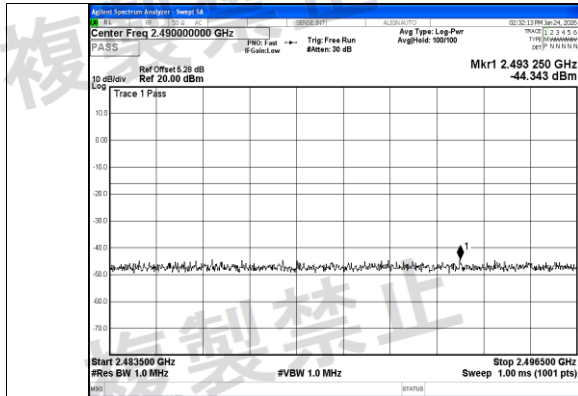
Tx Spurious Emission

Temperature:	20.1°C	Humidity:	40.0% RH
Operation Mode:	TX mode		

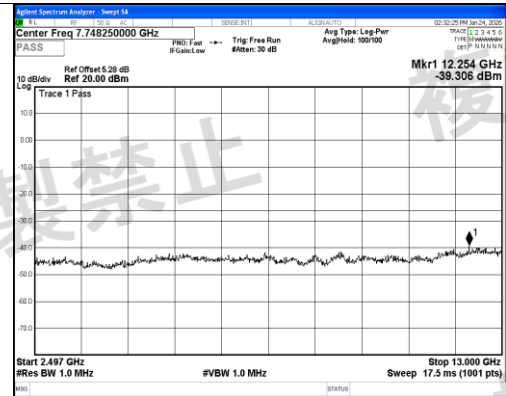
Condition	Mode	Frequency (MHz)	Antenna	Range (MHz)	Emission Frequency (MHz)	Max Peak Value (dBm)	Max RMS Value (dBm)	Max Peak Value (uW)	Max RMS Value (uW)	Limit Start(uW)	Limit Stop (uW)	Verdict
NVNT	BLE 1M	2402	Ant1	30-1000	644.01	-45.64	NA	0.0273	NA	2.5	2.5	Pass
NVNT	BLE 1M	2402	Ant1	1000-2387	2359.26	-44.07	NA	0.0392	NA	2.5	2.5	Pass
NVNT	BLE 1M	2402	Ant1	2387-2400	2399.99	-28.62	NA	1.374	NA	25	25	Pass
NVNT	BLE 1M	2402	Ant1	2483.5 - 2496.5	2494.86	-43.97	NA	0.0401	NA	25	25	Pass
NVNT	BLE 1M	2402	Ant1	2496.5 -13000	12600.87	-39.58	NA	0.1102	NA	2.5	2.5	Pass
NVNT	BLE 1M	2440	Ant1	30-1000	878.75	-45.81	NA	0.0262	NA	2.5	2.5	Pass
NVNT	BLE 1M	2440	Ant1	1000-2387	2367.58	-43.98	NA	0.04	NA	2.5	2.5	Pass
NVNT	BLE 1M	2440	Ant1	2387-2400	2387.26	-44.44	NA	0.036	NA	25	25	Pass
NVNT	BLE 1M	2440	Ant1	2483.5 - 2496.5	2493.25	-44.34	NA	0.0368	NA	25	25	Pass
NVNT	BLE 1M	2440	Ant1	2496.5 -13000	12254.25	-39.30	NA	0.1175	NA	2.5	2.5	Pass
NVNT	BLE 1M	2480	Ant1	30-1000	825.40	-45.80	NA	0.0263	NA	2.5	2.5	Pass
NVNT	BLE 1M	2480	Ant1	1000-2387	2382.84	-43.78	NA	0.0419	NA	2.5	2.5	Pass
NVNT	BLE 1M	2480	Ant1	2387-2400	2390.77	-44.41	NA	0.0362	NA	25	25	Pass
NVNT	BLE 1M	2480	Ant1	2483.5 - 2496.5	2483.54	-42.33	NA	0.0585	NA	25	25	Pass
NVNT	BLE 1M	2480	Ant1	2496.5 -13000	12317.27	-39.15	NA	0.1216	NA	2.5	2.5	Pass
NVNT	BLE 2M	2402	Ant1	30-1000	920.46	-46.71	NA	0.0213	NA	2.5	2.5	Pass
NVNT	BLE 2M	2402	Ant1	1000-2387	2371.74	-44.08	NA	0.0391	NA	2.5	2.5	Pass
NVNT	BLE 2M	2402	Ant1	2387-2400	2400.00	-16.15	-20.69	24.2661	8.531	25	25	Pass
NVNT	BLE 2M	2402	Ant1	2483.5 - 2496.5	2494.00	-44.29	NA	0.0372	NA	25	25	Pass
NVNT	BLE 2M	2402	Ant1	2496.5 -13000	12401.30	-39.46	NA	0.1132	NA	2.5	2.5	Pass
NVNT	BLE 2M	2440	Ant1	30-1000	895.24	-46.13	NA	0.0244	NA	2.5	2.5	Pass
NVNT	BLE 2M	2440	Ant1	1000-2387	2106.83	-43.87	NA	0.041	NA	2.5	2.5	Pass
NVNT	BLE 2M	2440	Ant1	2387-2400	2396.48	-43.88	NA	0.0409	NA	25	25	Pass
NVNT	BLE 2M	2440	Ant1	2483.5 - 2496.5	2488.80	-43.94	NA	0.0404	NA	25	25	Pass
NVNT	BLE 2M	2440	Ant1	2496.5 -13000	12579.86	-39.57	NA	0.1104	NA	2.5	2.5	Pass
NVNT	BLE 2M	2480	Ant1	30-1000	960.23	-45.64	NA	0.0273	NA	2.5	2.5	Pass
NVNT	BLE 2M	2480	Ant1	1000-2387	2362.03	-44.06	NA	0.0393	NA	2.5	2.5	Pass
NVNT	BLE 2M	2480	Ant1	2387-2400	2396.26	-44.01	NA	0.0397	NA	25	25	Pass
NVNT	BLE 2M	2480	Ant1	2483.5 -	2483.50	-39.89	NA	0.1026	NA	25	25	Pass

NVNT	BLE 2M	2480	Ant1	2496.5 2496.5 -13000	12443.31	- 40.04	NA	0.0991	NA	2.5	2.5	Pass
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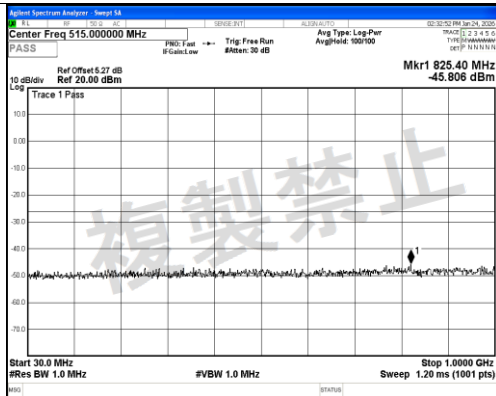
	
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 30MHz-1000MHz	Tx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 1000MHz-2387MHz
	
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 2387MHz-2400MHz	Tx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 2483.5MHz-2496.5MHz
	
Tx. Spurious NVNT BLE 1M 2402MHz Ant1 @ 2496.5MHz-13000MHz	Tx. Spurious 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



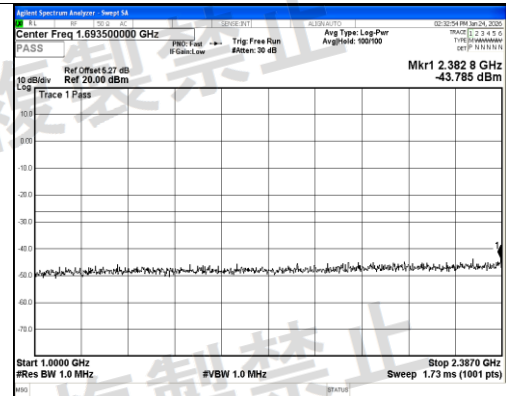
Tx. Spurious NVNT BLE 1M 2440MHz Ant1 @ 2483.5MHz-2496.5MHz



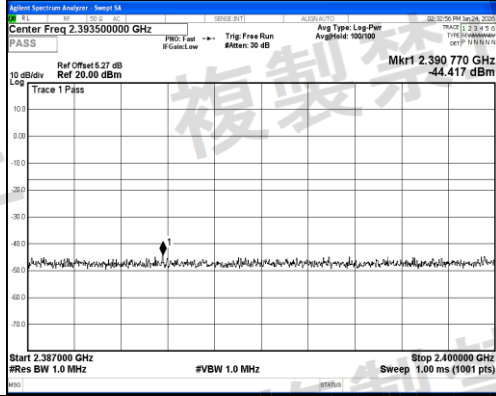
Tx. Spurious NVNT BLE 1M 2440MHz Ant1 @ 2496.5MHz-13000MHz



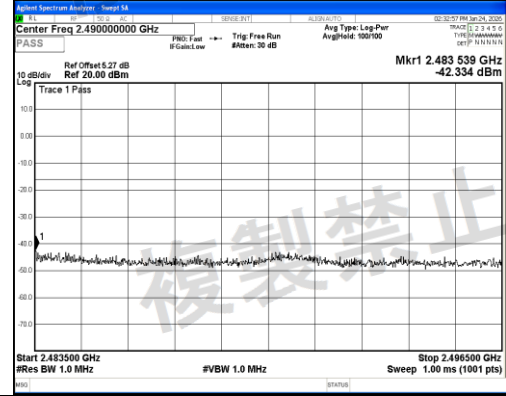
Tx. Spurious NVNT BLE 1M 2480MHz Ant1 @ 30MHz-1000MHz



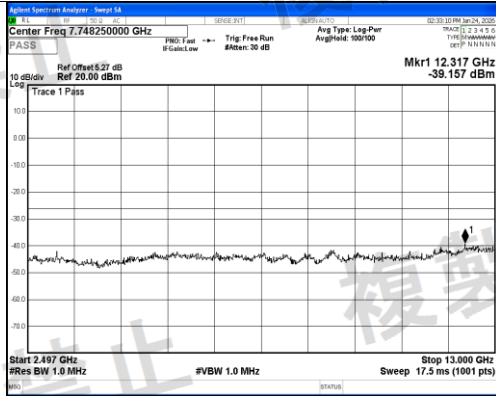
Tx. Spurious NVNT BLE 1M 2480MHz Ant1 @ 1000MHz-2387MHz



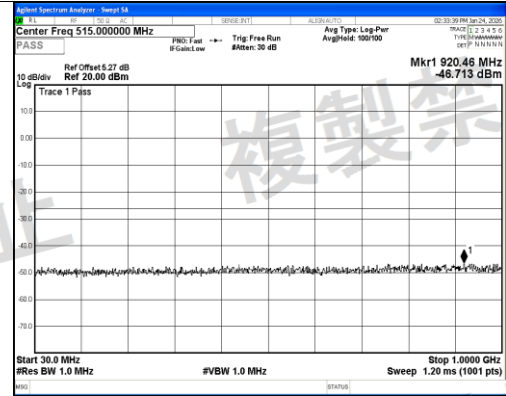
Tx. Spurious NVNT BLE 1M 2480MHz Ant1 @ 2387MHz-2400MHz



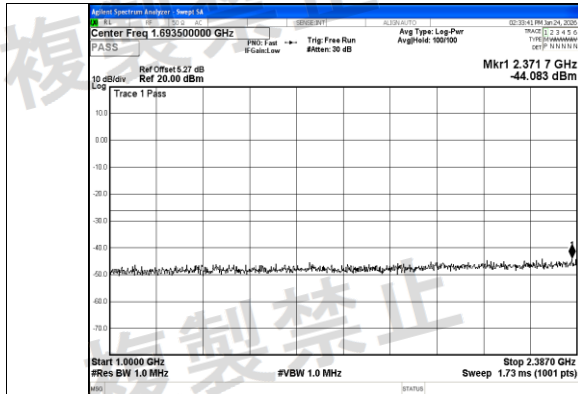
Tx. Spurious NVNT BLE 1M 2480MHz Ant1 @ 2483.5MHz-2496.5MHz



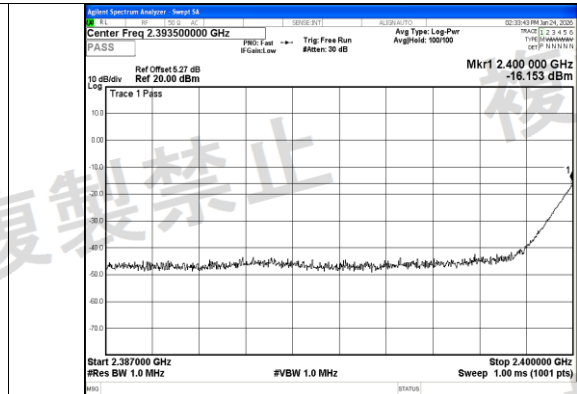
Tx. Spurious NVNT BLE 1M 2480MHz Ant1 @ 2496.5MHz-13000MHz



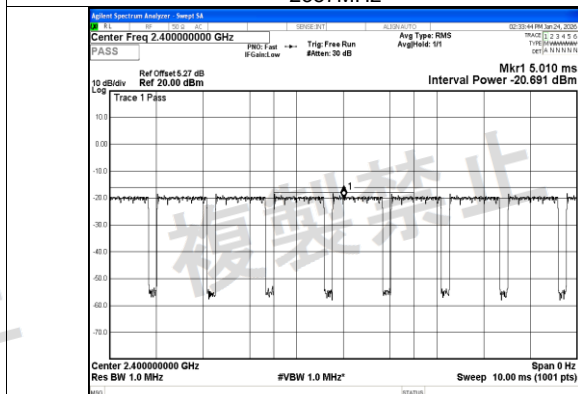
Tx. Spurious NVNT BLE 2M 2402MHz Ant1 @ 30MHz-1000MHz



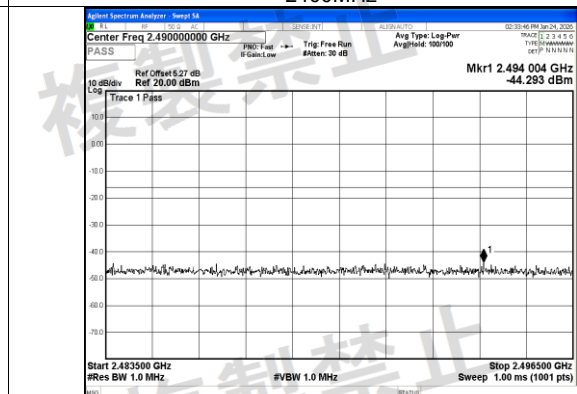
Tx. Spurious NVNT BLE 2M 2402MHz Ant1 @ 1000MHz-2387MHz



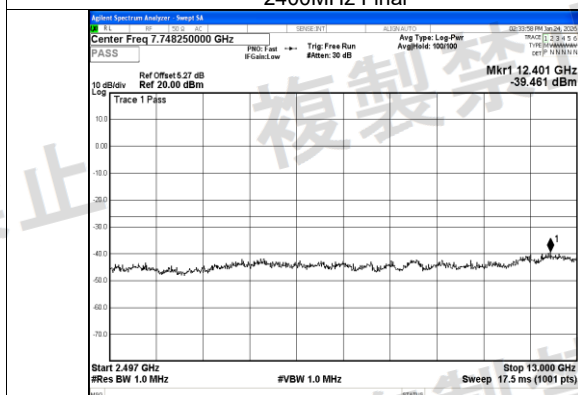
Tx. Spurious NVNT BLE 2M 2402MHz Ant1 @ 2387MHz-2400MHz



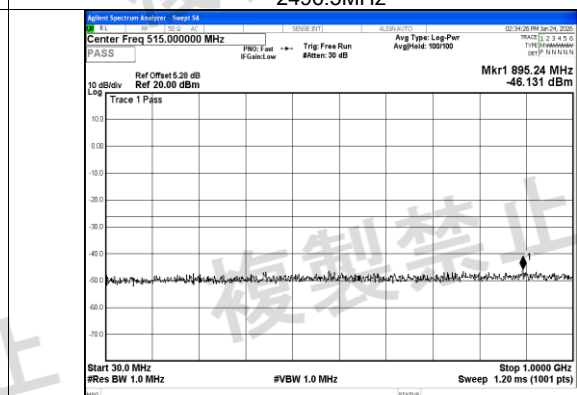
Tx. Spurious NVNT BLE 2M 2402MHz Ant1 @ 2387MHz-2400MHz Final



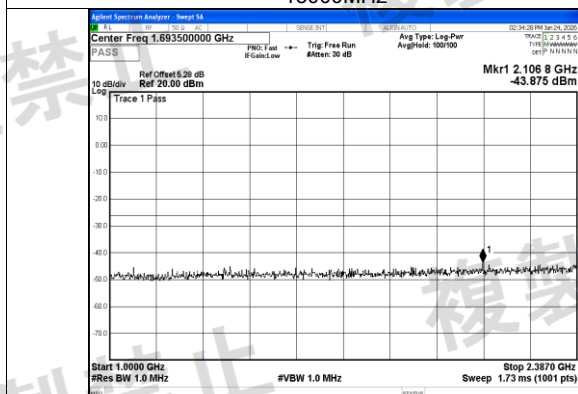
Tx. Spurious NVNT BLE 2M 2402MHz Ant1 @ 2483.5MHz-2496.5MHz



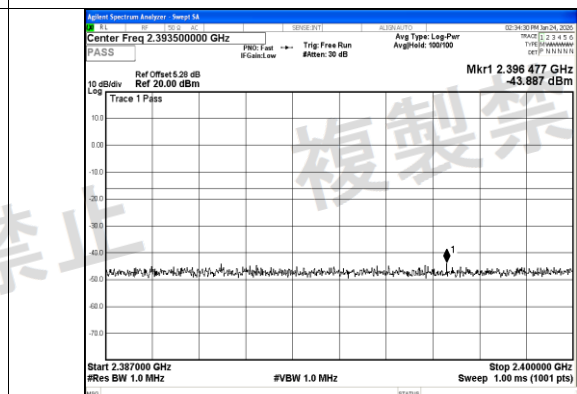
Tx. Spurious NVNT BLE 2M 2402MHz Ant1 @ 2496.5MHz-13000MHz



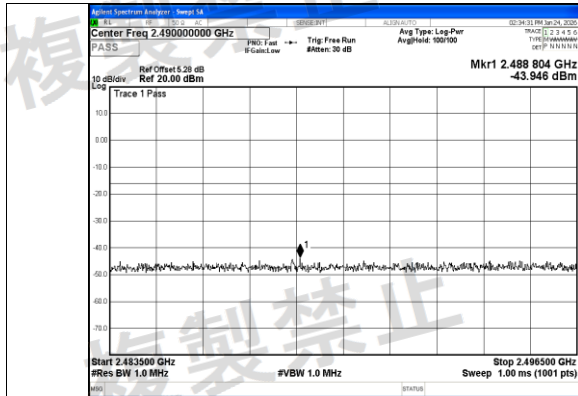
Tx. Spurious NVNT BLE 2M 2440MHz Ant1 @ 30MHz-1000MHz



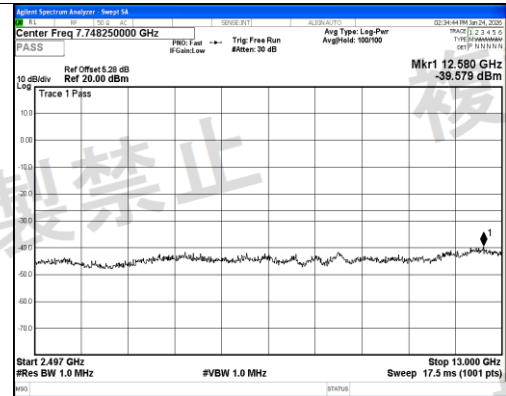
Tx. Spurious NVNT BLE 2M 2440MHz Ant1 @ 1000MHz-2387MHz



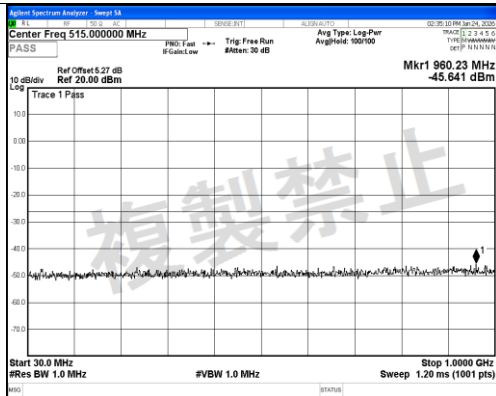
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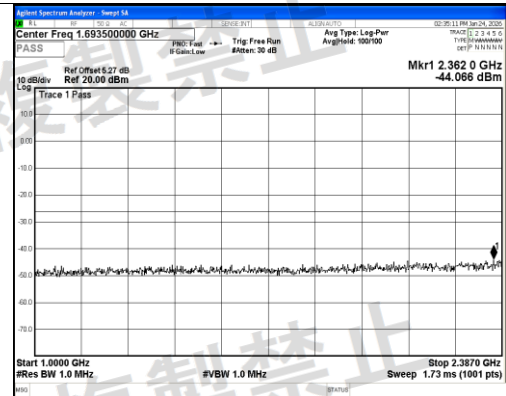
Tx. Spurious NVNT BLE 2M 2440MHz Ant1 @ 2483.5MHz-2496.5MHz



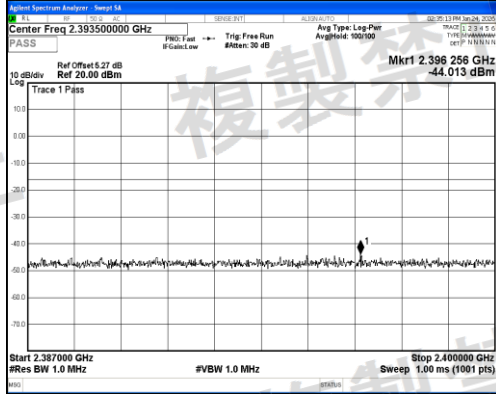
Tx. Spurious NVNT BLE 2M 2440MHz Ant1 @ 2496.5MHz-13000MHz



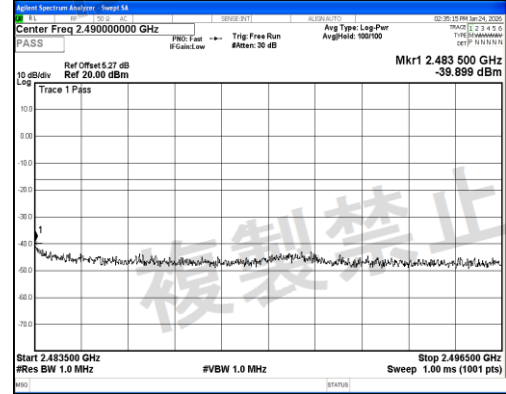
Tx. Spurious NVNT BLE 2M 2480MHz Ant1 @ 30MHz-1000MHz



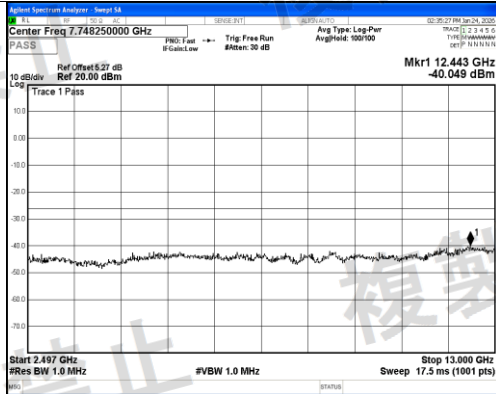
Tx. Spurious NVNT BLE 2M 2480MHz Ant1 @ 1000MHz-2387MHz



Tx. Spurious NVNT BLE 2M 2480MHz Ant1 @ 2387MHz-2400MHz



Tx. Spurious NVNT BLE 2M 2480MHz Ant1 @ 2483.5MHz-2496.5MHz

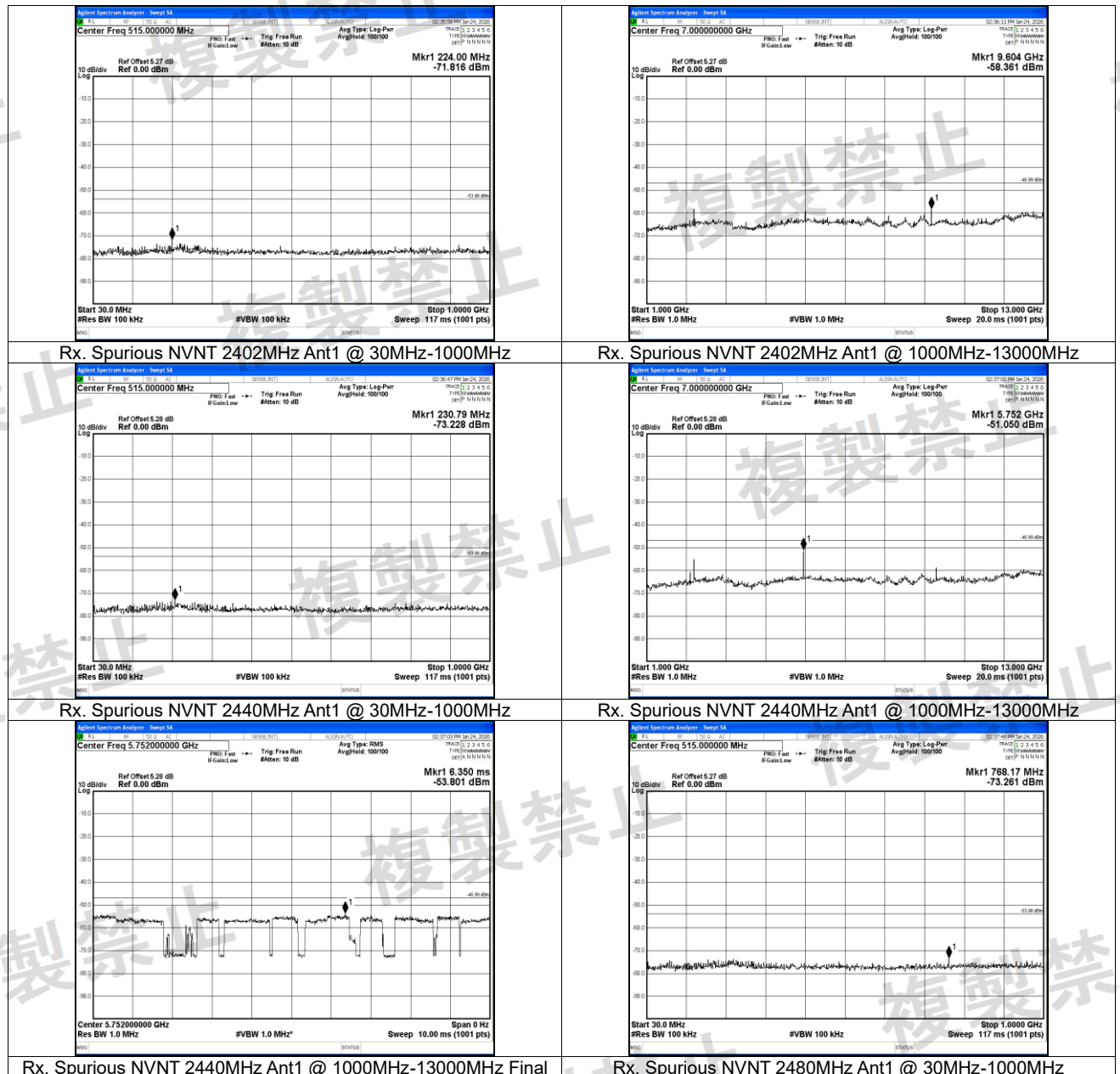


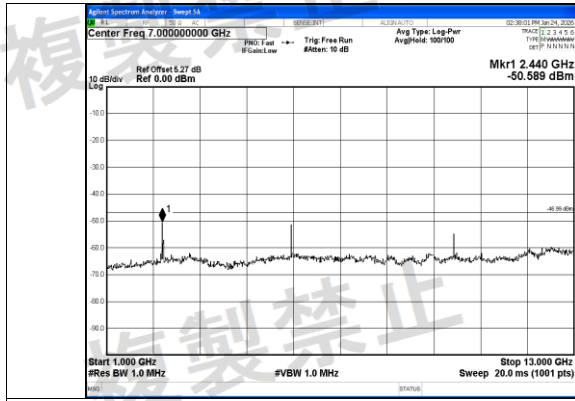
Tx. Spurious NVNT BLE 2M 2480MHz Ant1 @ 2496.5MHz-13000MHz

Rx Spurious Emission

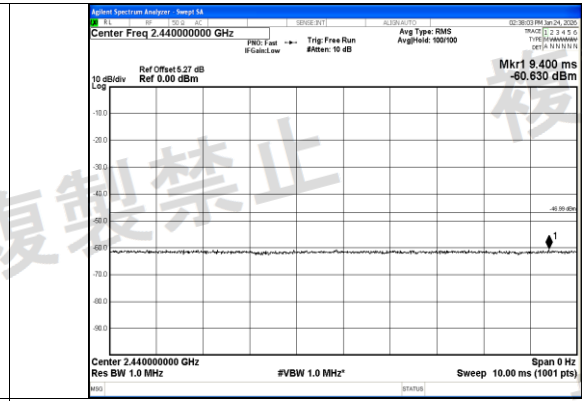
Temperature:	20.1°C	Humidity:	40.0% RH
Operation Mode:	RX mode		

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	/	2402	Ant1	30-1000	224.00	-71.82	NA	0.0658	NA	4	Pass
NVNT	/	2402	Ant1	1000-13000	9604.00	-58.36	NA	1.4588	NA	20	Pass
NVNT	/	2440	Ant1	30-1000	230.79	-73.23	NA	0.0475	NA	4	Pass
NVNT	/	2440	Ant1	1000-13000	5752.00	-51.05	-53.8	7.8524	4.1687	20	Pass
NVNT	/	2480	Ant1	30-1000	768.17	-73.26	NA	0.0472	NA	4	Pass
NVNT	/	2480	Ant1	1000-13000	2440.00	-50.59	-60.63	8.7297	0.865	20	Pass





Rx. Spurious NVNT 2480MHz Ant1 @ 1000MHz-13000MHz



Rx. Spurious NVNT 2480MHz Ant1 @ 1000MHz-13000MHz Final