



RF Test Data

Frequency Error	2
Antenna Power	8
EIRP Power	14
Occupied Channel Bandwidth (Hopping)	15
Spreading Bandwidth	18
Tx Spurious Emission	21
Rx Spurious Emission	47
Dwell Time	58

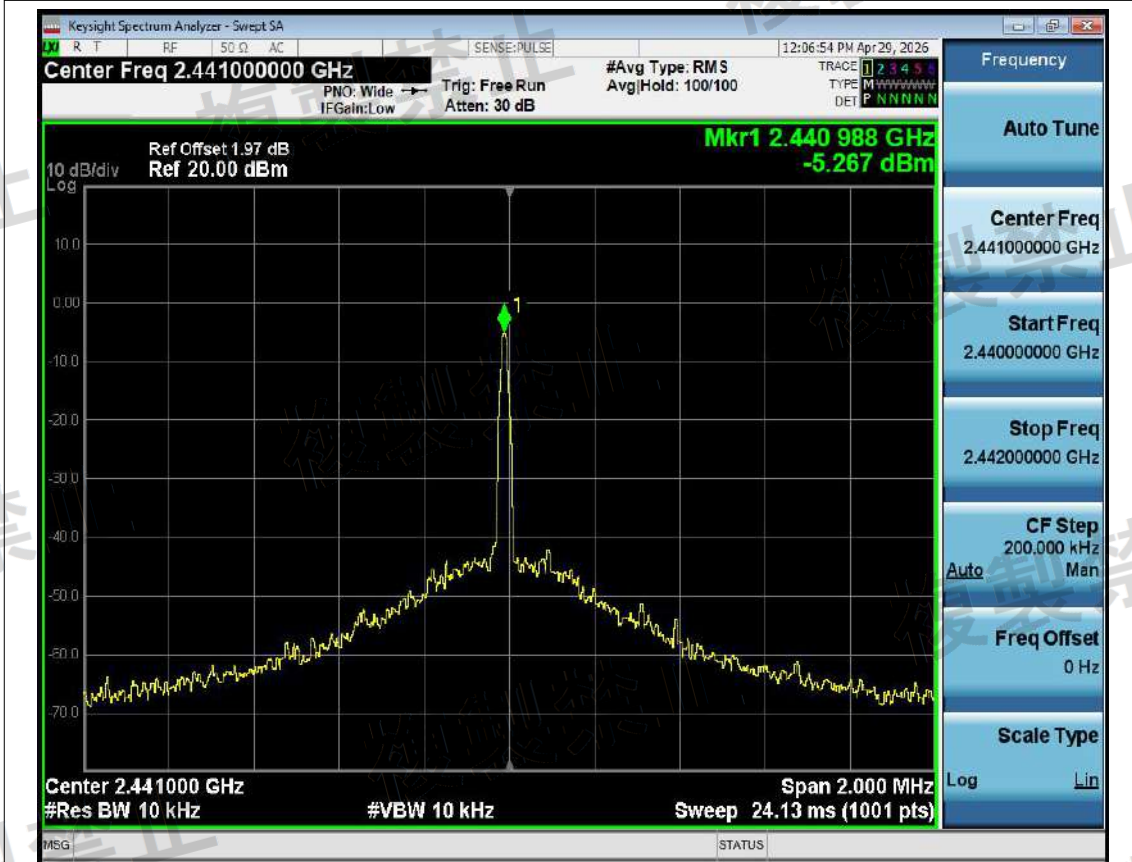


Frequency Error

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	1-DH1	2402	Ant1	2401.99	-10000	-4.16	50	Pass
NVNT	1-DH1	2441	Ant1	2440.988	-12000	-4.92	50	Pass
NVNT	1-DH1	2480	Ant1	2479.988	-12000	-4.84	50	Pass
NVNT	2-DH1	2402	Ant1	2401.988	-12000	-5	50	Pass
NVNT	2-DH1	2441	Ant1	2440.988	-12000	-4.92	50	Pass
NVNT	2-DH1	2480	Ant1	2479.988	-12000	-4.84	50	Pass
NVNT	3-DH1	2402	Ant1	2401.988	-12000	-5	50	Pass
NVNT	3-DH1	2441	Ant1	2440.988	-12000	-4.92	50	Pass
NVNT	3-DH1	2480	Ant1	2479.988	-12000	-4.84	50	Pass



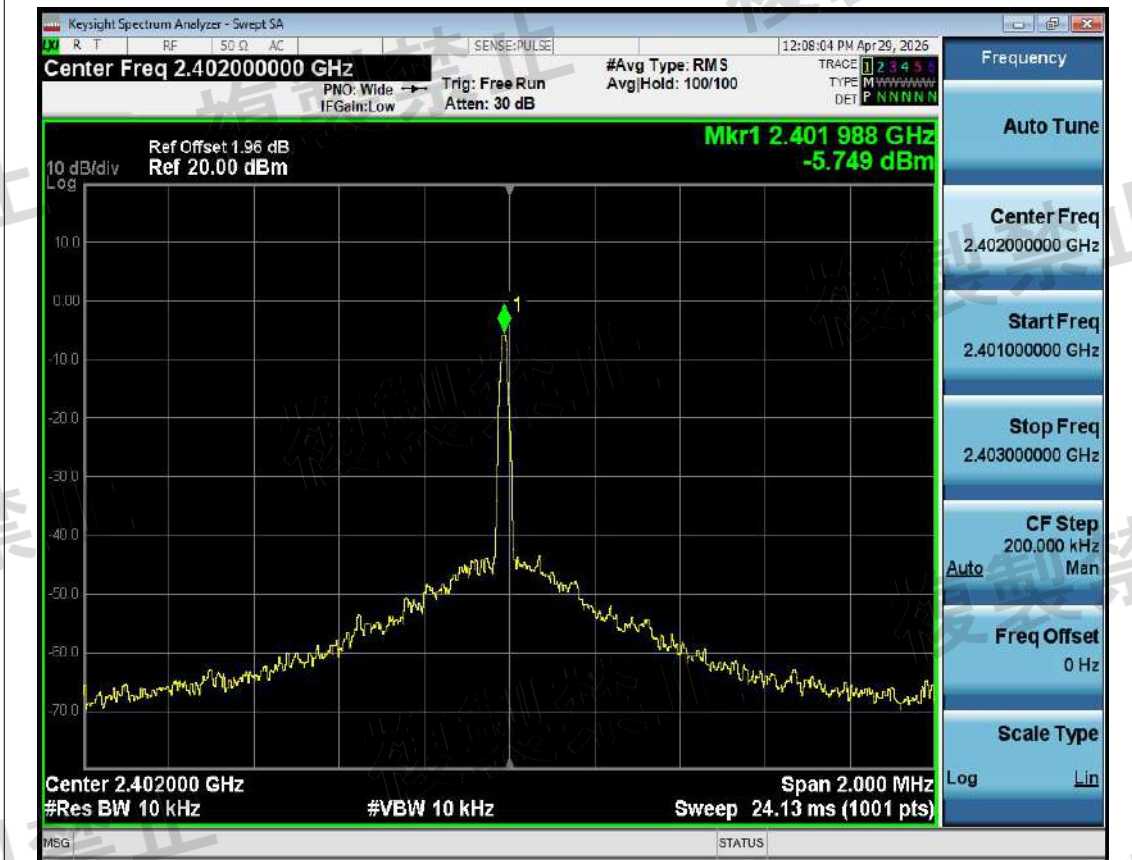
Freq. Error NVNT 1-DH1 2402MHz Ant1



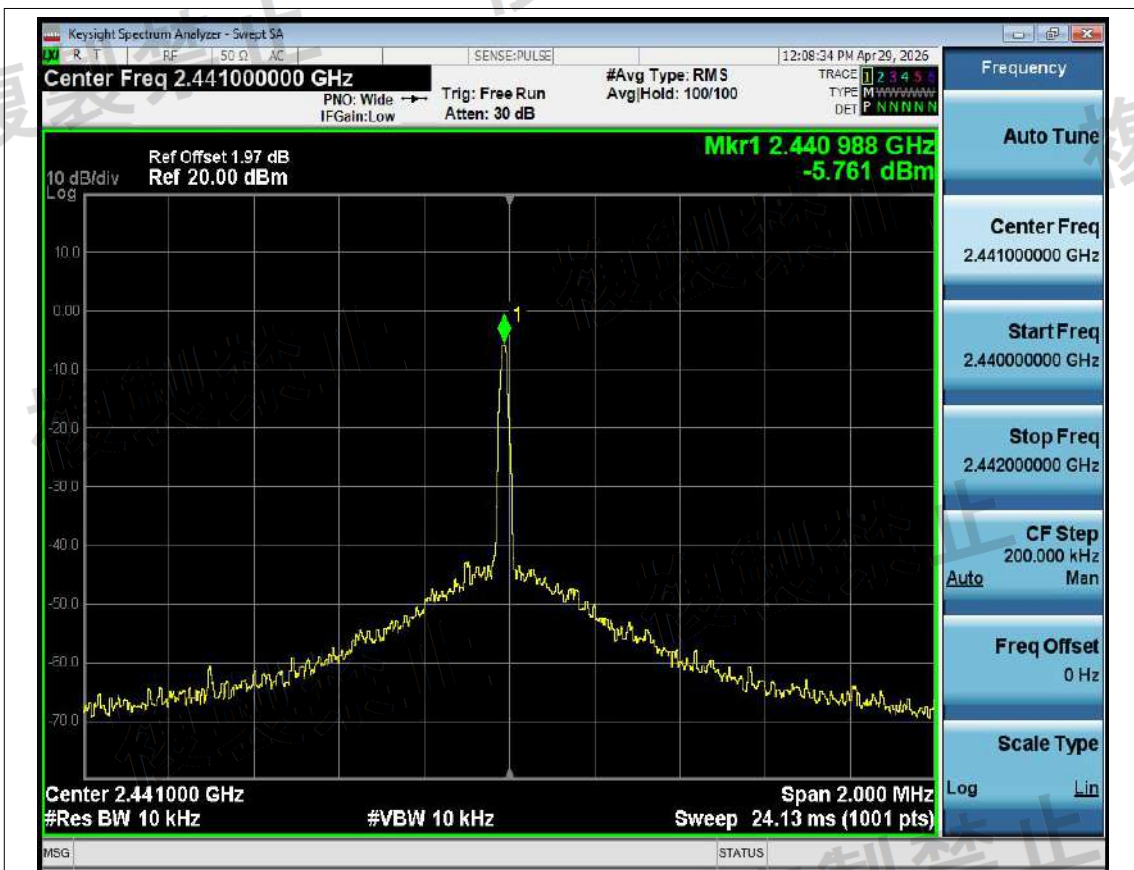
Freq. Error NVNT 1-DH1 2441MHz Ant1



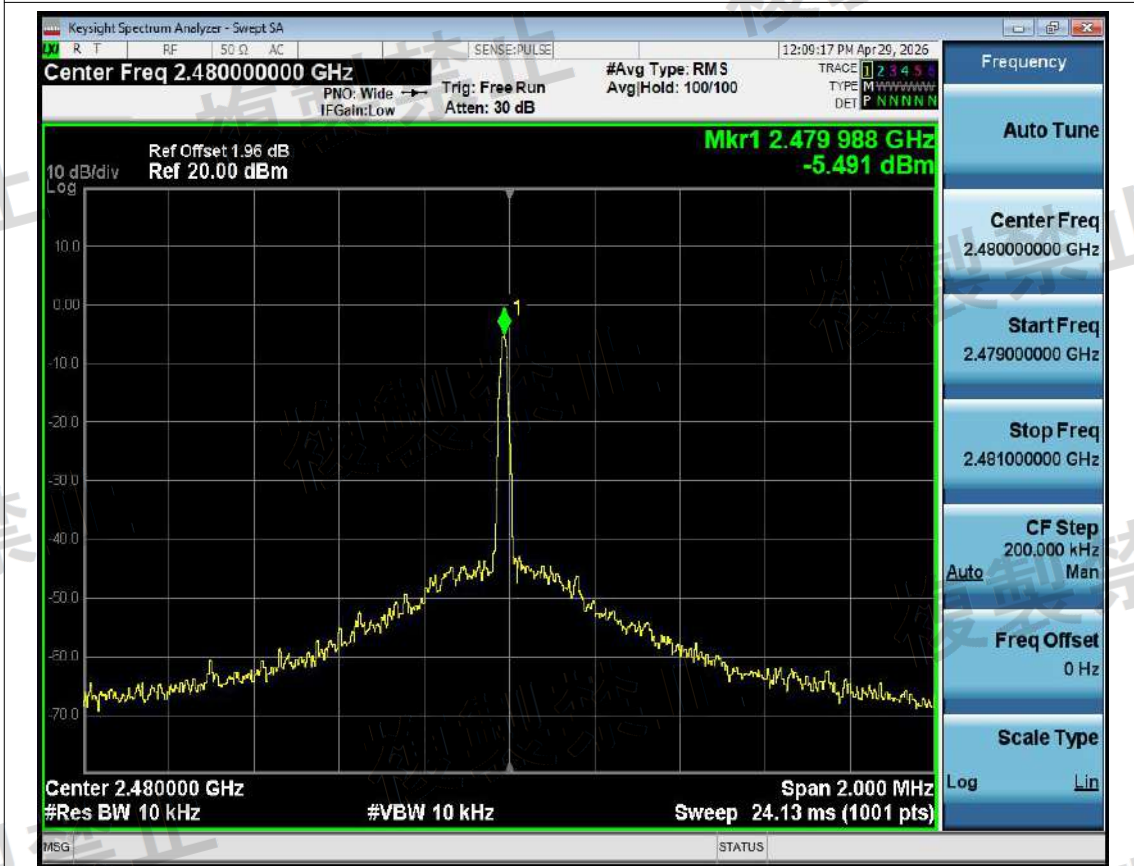
Freq. Error NVNT 1-DH1 2480MHz Ant1



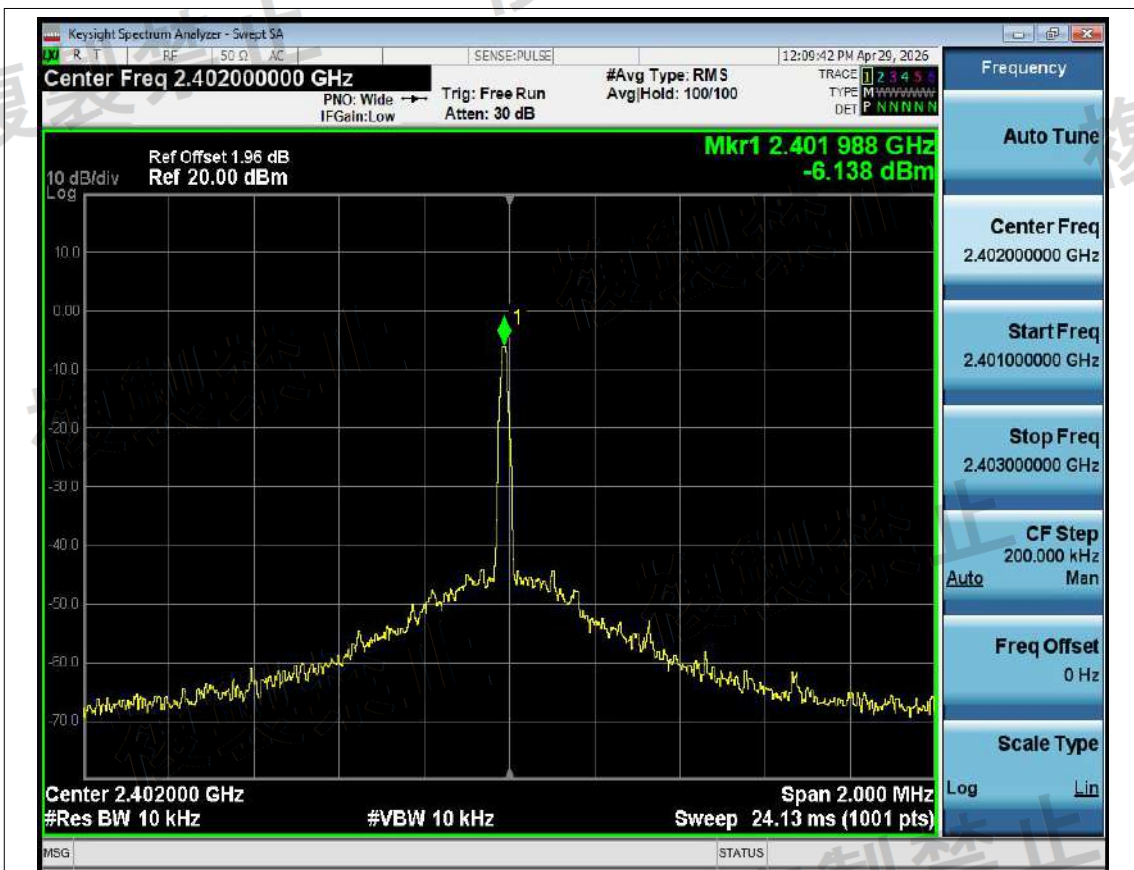
Freq. Error NVNT 2-DH1 2402MHz Ant1



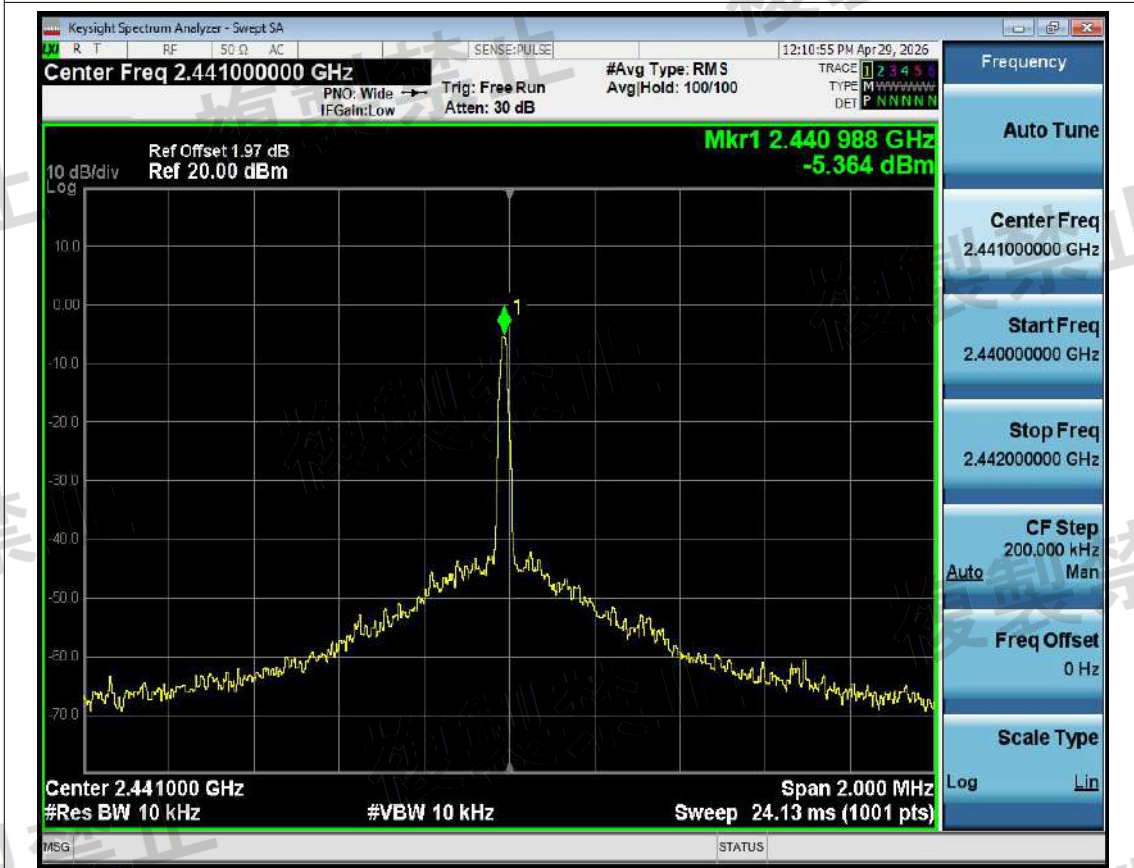
Freq. Error NVNT 2-DH1 2441MHz Ant1



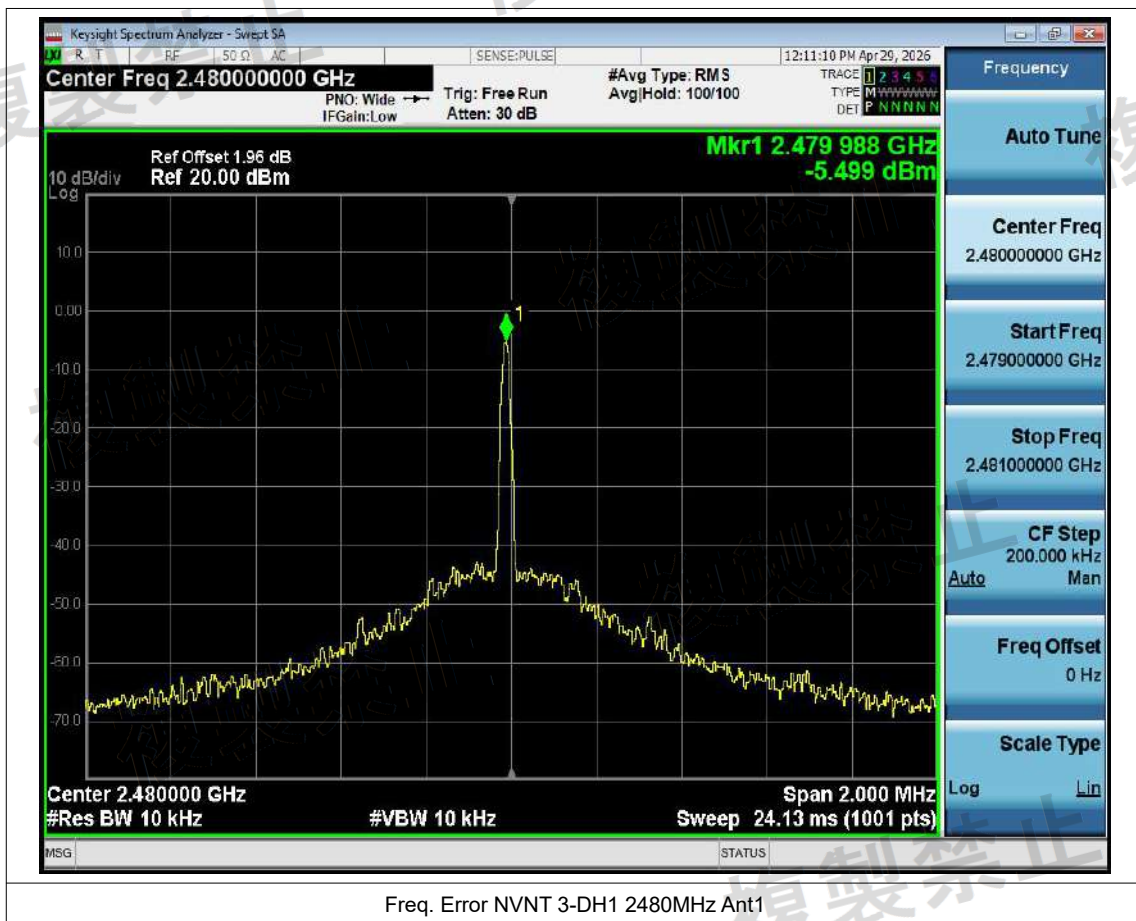
Freq. Error NVNT 2-DH1 2480MHz Ant1



Freq. Error NVNT 3-DH1 2402MHz Ant1



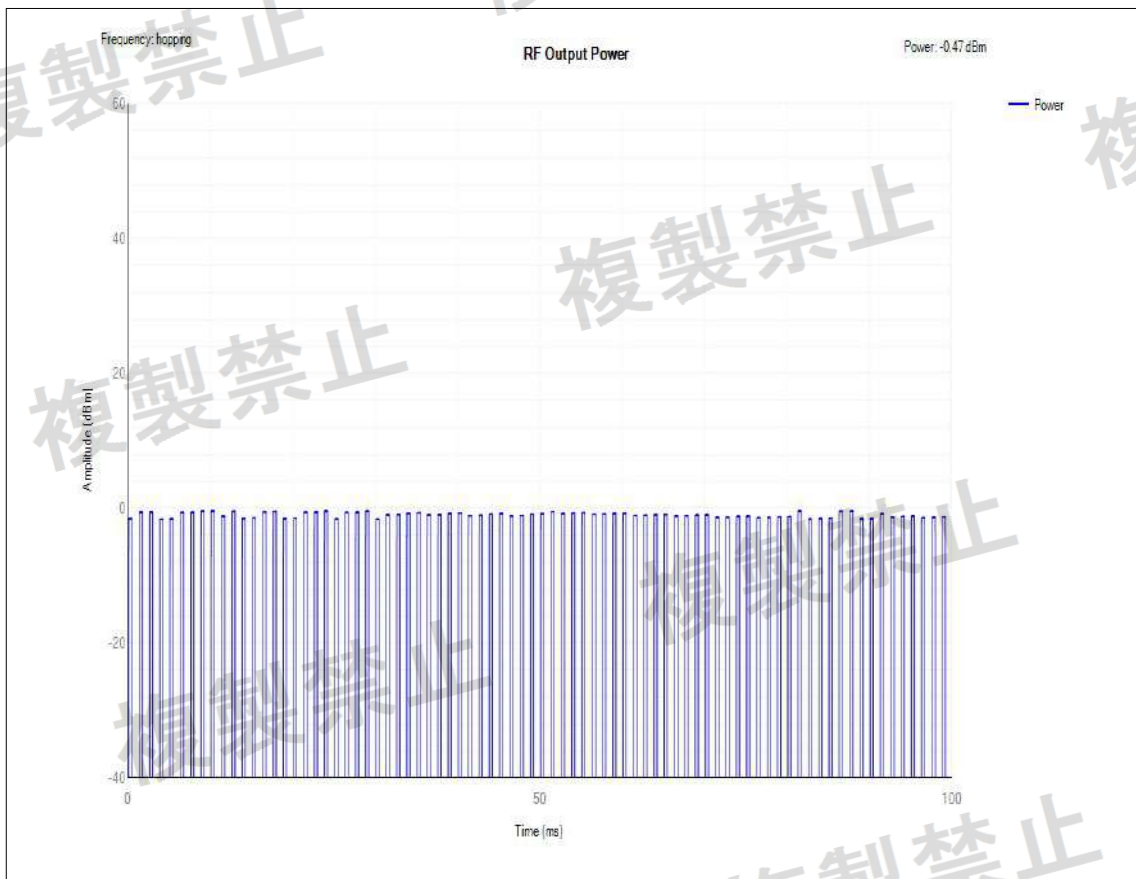
Freq. Error NVNT 3-DH1 2441MHz Ant1



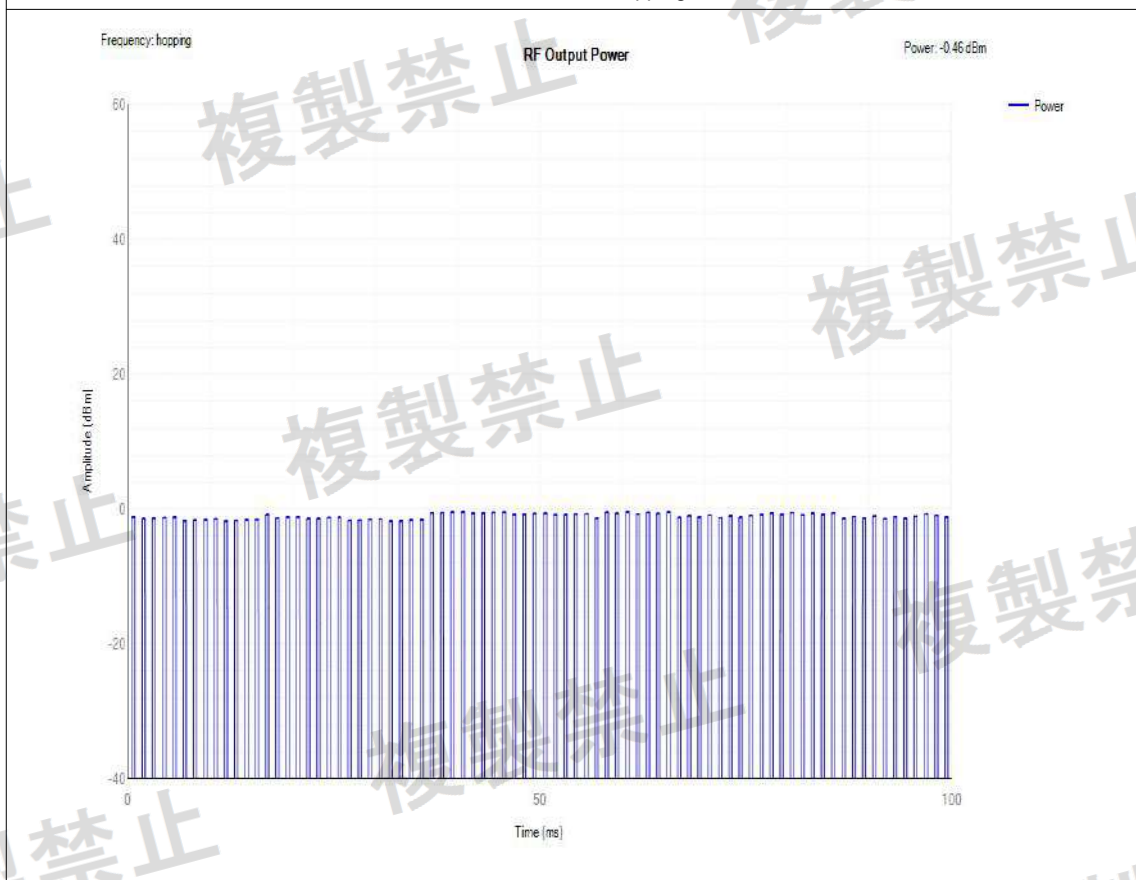


Antenna Power

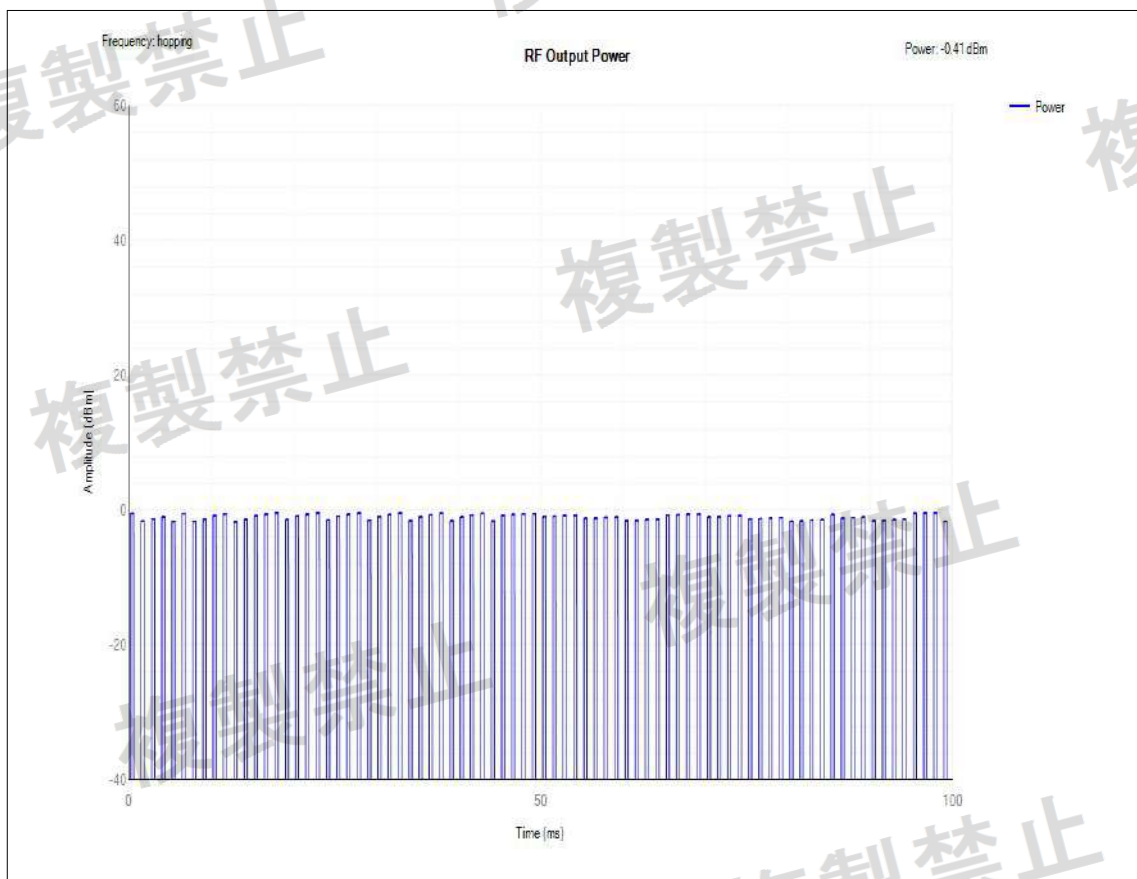
Condit ion	Mo de	Frequ ncy (MHz)	Ant enn a	Powe r (dBm)	Pow er (m W)	Spread BW (MHz)	Power (mW/M Hz)	Limit (mW/ MHz)	Declare d Power (mW/M Hz)	Toler ance (%)	Upp er Limit (%)	Verdic t
NVNT	1-D H1	hoppin g	Ant1	-0.47	0.89 7	71.218	0.013	3	1	-98.7	20	Pass
NVNT	1-D H1	hoppin g	Ant1	-0.46	0.89 9	71.218	0.013	3	1	-98.7	20	Pass
NVNT	1-D H1	hoppin g	Ant1	-0.41	0.91	71.218	0.013	3	1	-98.7	20	Pass
NVNT	2-D H1	hoppin g	Ant1	-1.49	0.71	70.7	0.01	3	1	-99	20	Pass
NVNT	2-D H1	hoppin g	Ant1	-1.35	0.73 3	70.7	0.01	3	1	-99	20	Pass
NVNT	2-D H1	hoppin g	Ant1	-1.27	0.74 6	70.7	0.011	3	1	-98.9	20	Pass
NVNT	3-D H1	hoppin g	Ant1	-1.51	0.70 6	71.769	0.01	3	1	-99	20	Pass
NVNT	3-D H1	hoppin g	Ant1	-1.36	0.73 1	71.769	0.01	3	1	-99	20	Pass
NVNT	3-D H1	hoppin g	Ant1	-1.27	0.74 6	71.769	0.01	3	1	-99	20	Pass



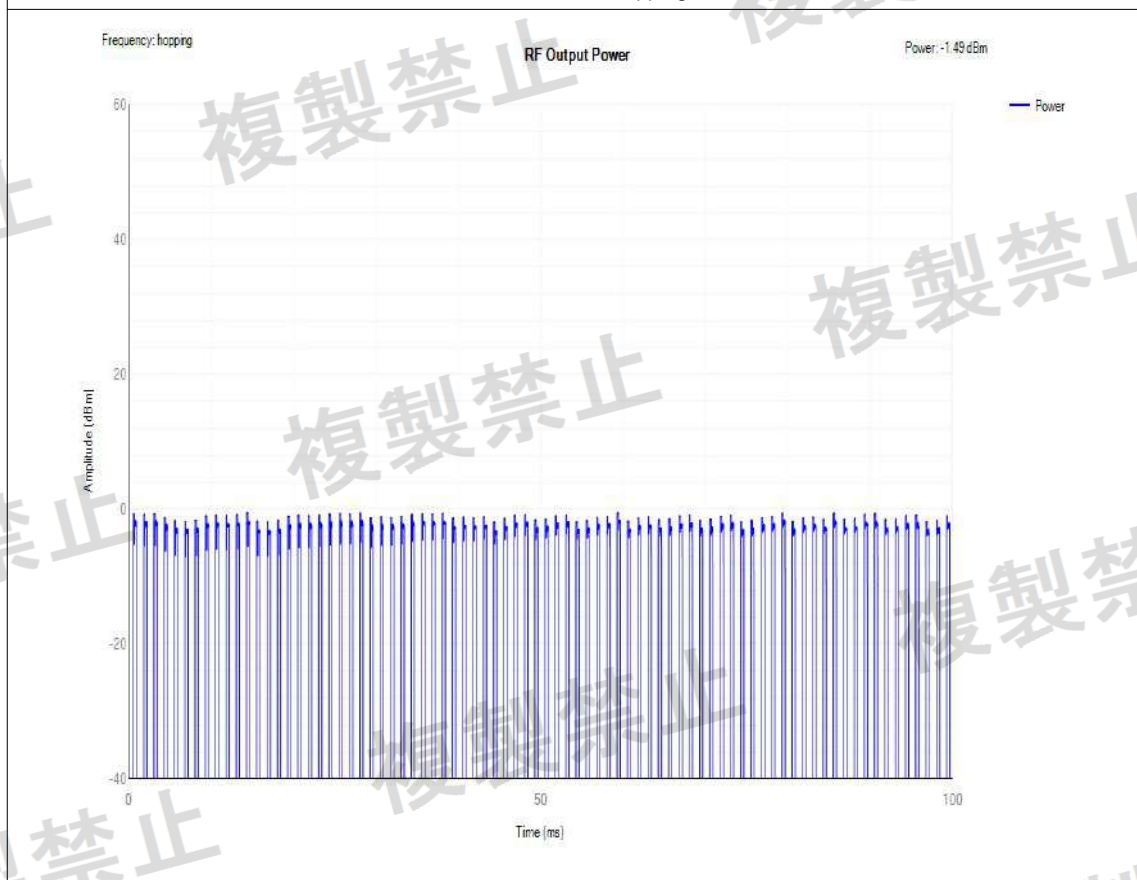
Power NVNT 1-DH1 hopping Ant1



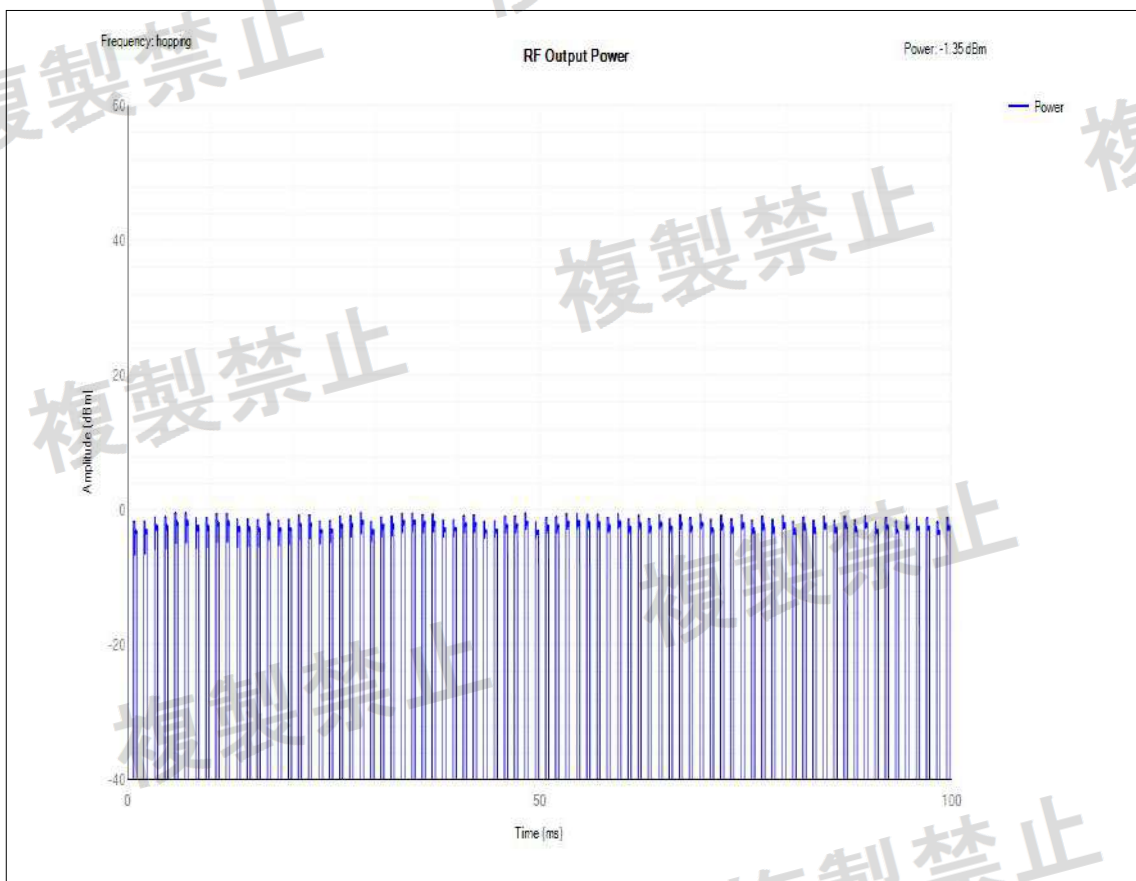
Power NVNT 1-DH1 hopping Ant1



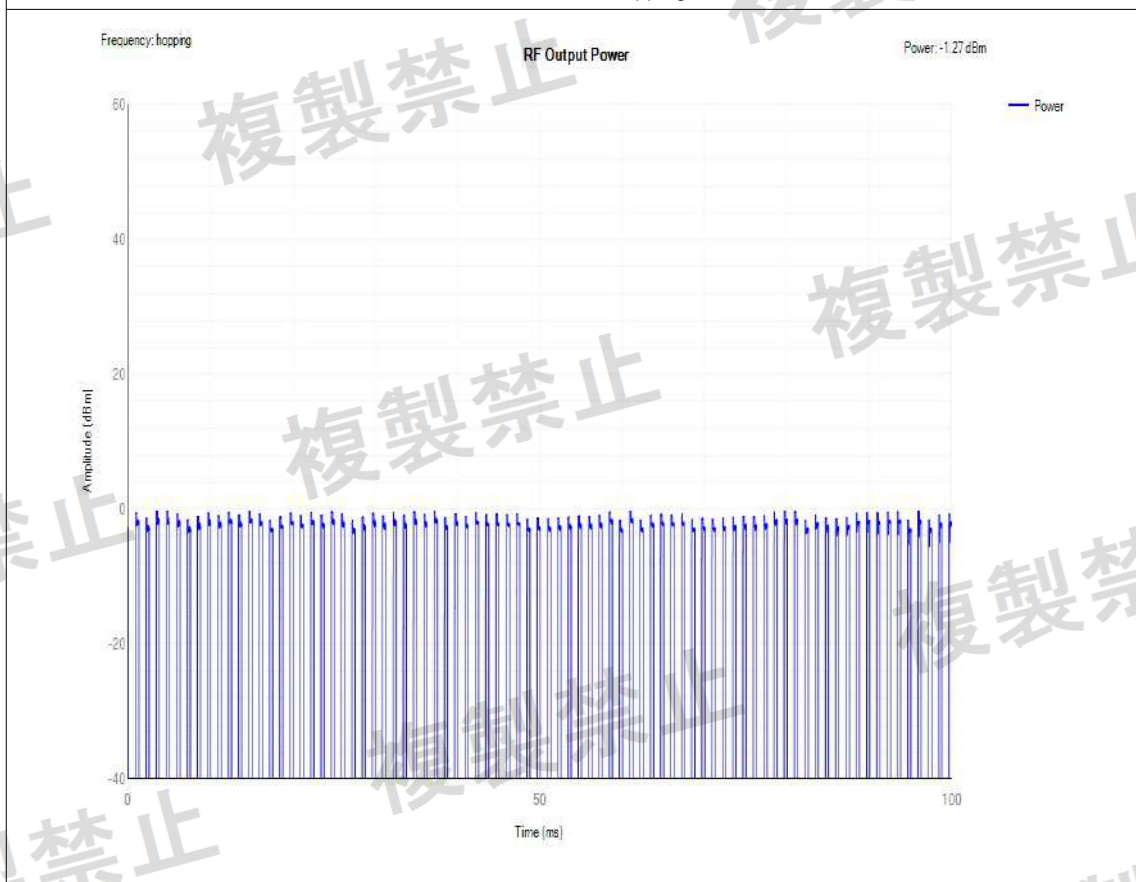
Power NVNT 1-DH1 hopping Ant1



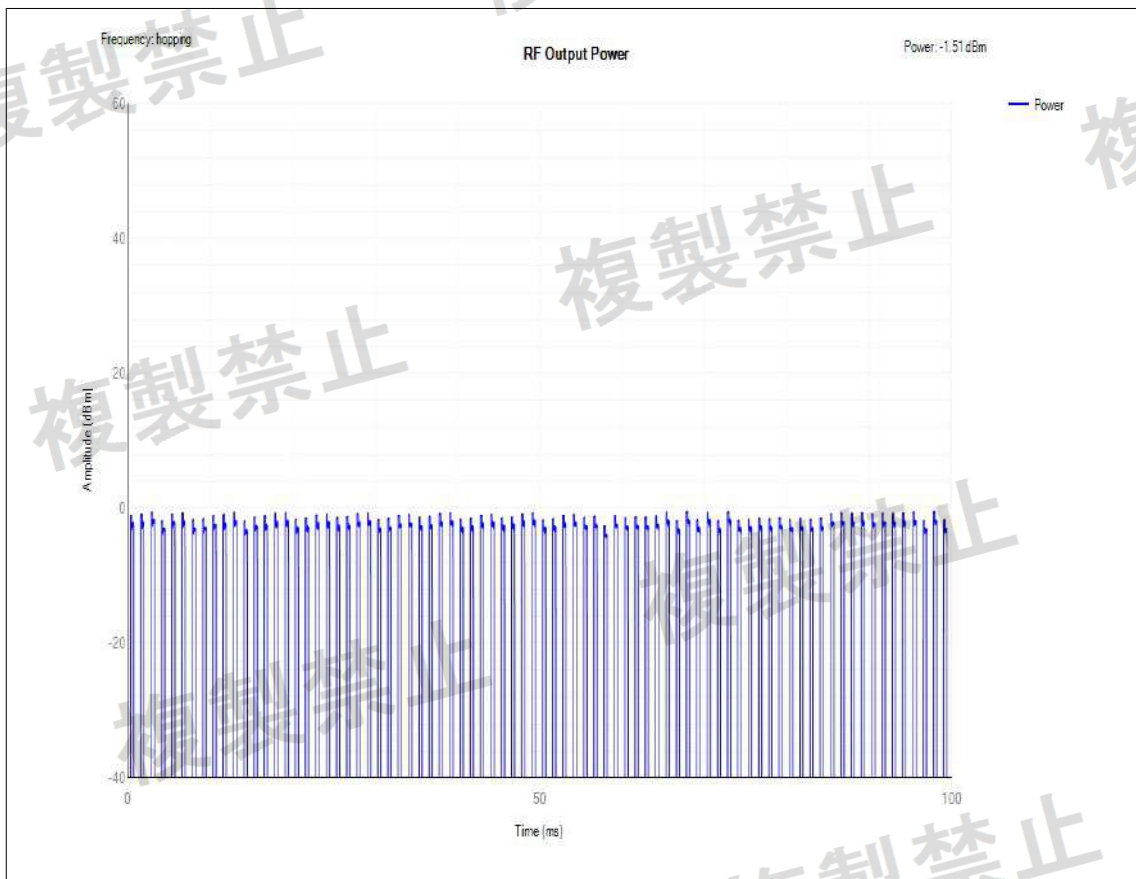
Power NVNT 2-DH1 hopping Ant1



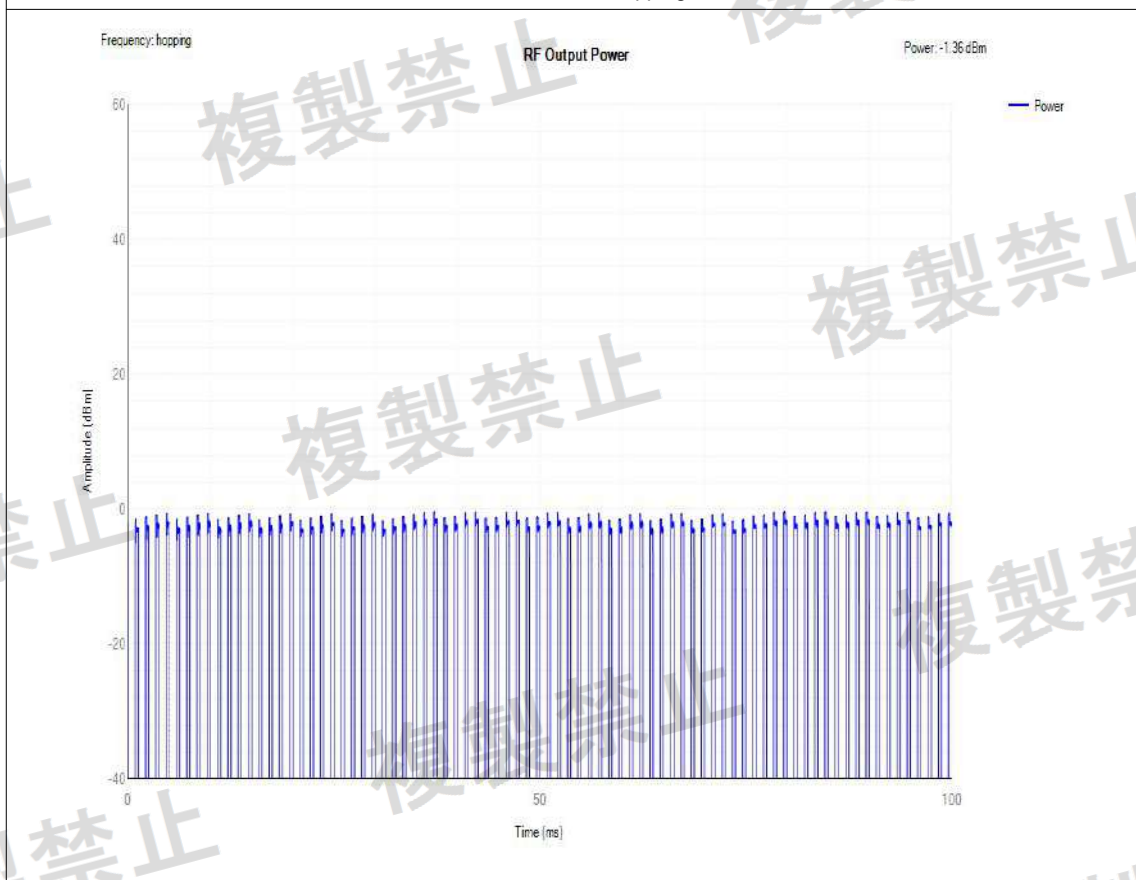
Power NVNT 2-DH1 hopping Ant1



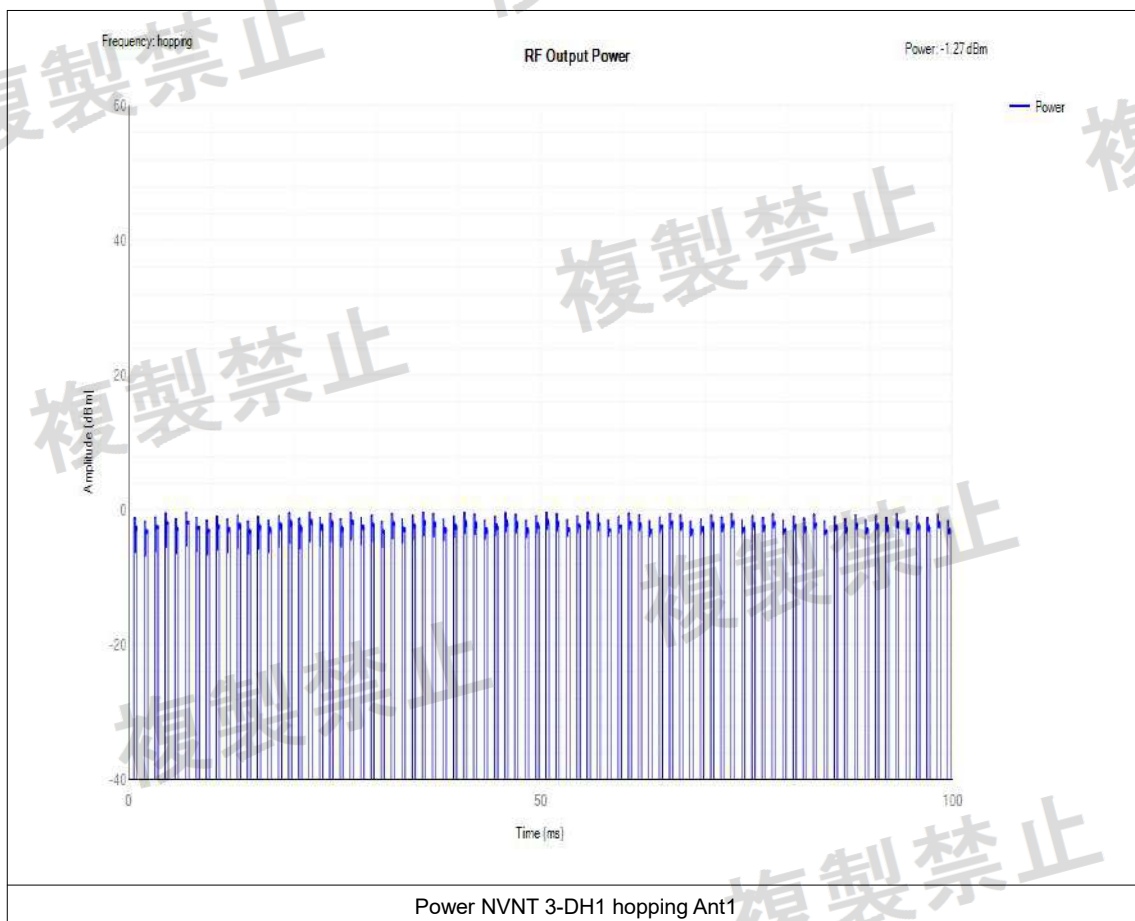
Power NVNT 2-DH1 hopping Ant1



Power NVNT 3-DH1 hopping Ant1



Power NVNT 3-DH1 hopping Ant1





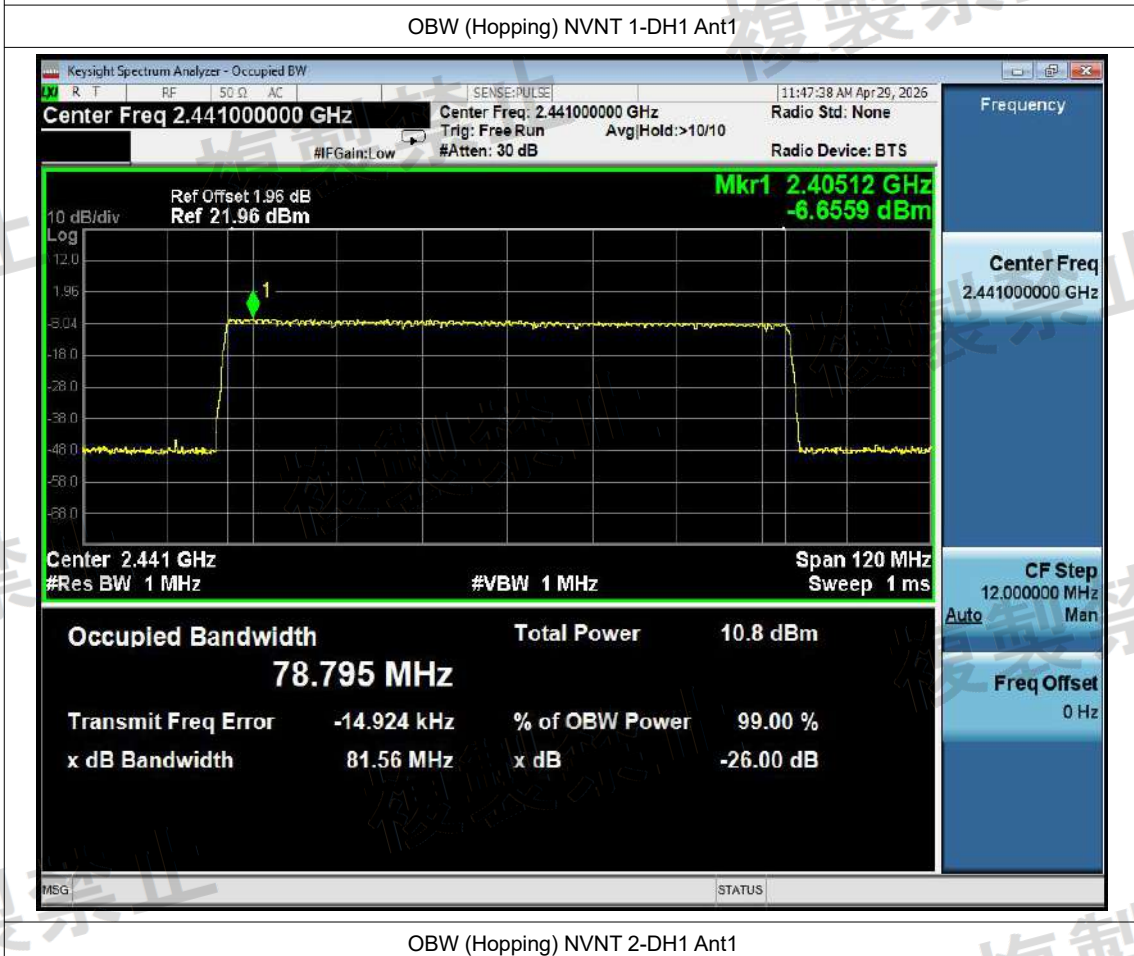
EIRP Power

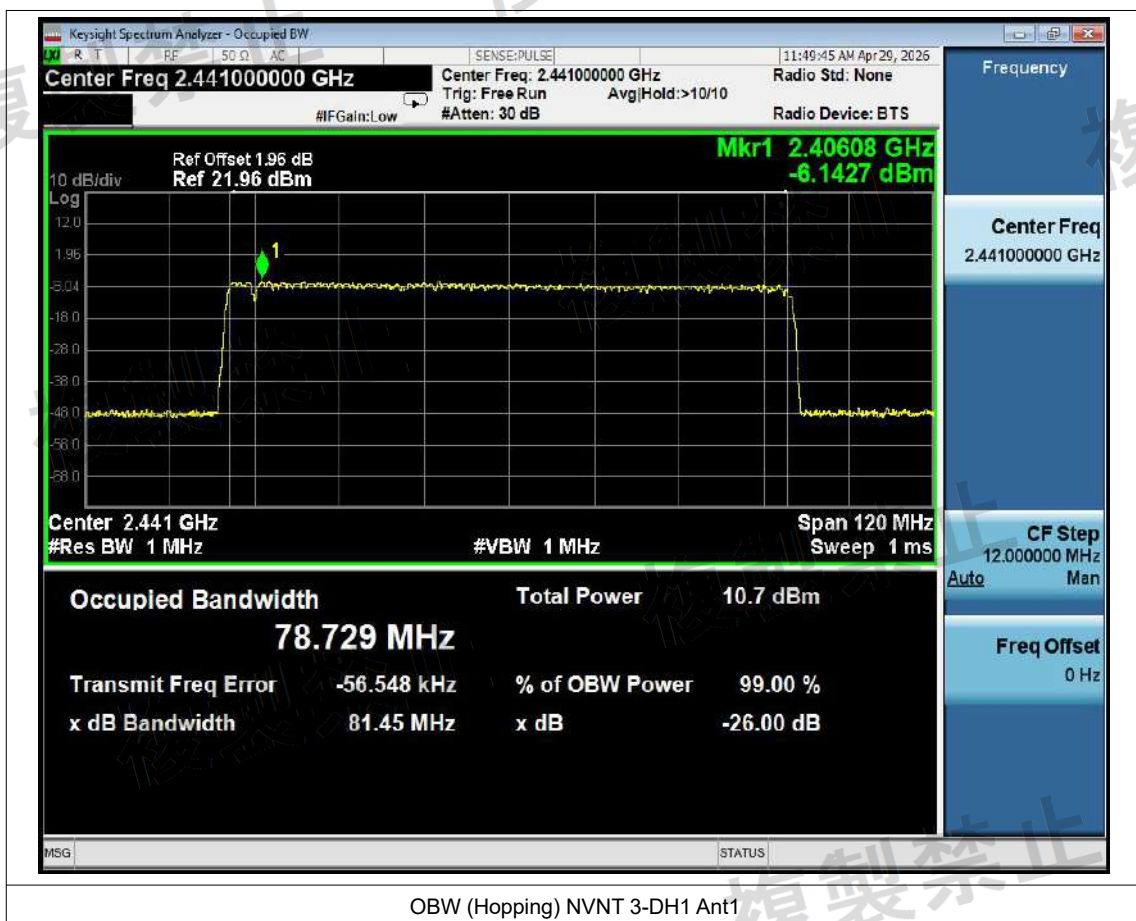
Condition	Mode	Frequency (MHz)	Antenna	Antenna Power (mW/MHz)	Antenna Power (dBm/MHz)	Gain (dBi)	EIRP Power (dBm/MHz)	Limit (dBm/MHz)	Verdict
NVNT	1-DH1	hopping	Ant1	0.013	-18.86	0.28	-18.58	6.91	Pass
NVNT	1-DH1	hopping	Ant1	0.013	-18.86	0.28	-18.58	6.91	Pass
NVNT	1-DH1	hopping	Ant1	0.013	-18.86	0.28	-18.58	6.91	Pass
NVNT	2-DH1	hopping	Ant1	0.01	-20	0.28	-19.72	6.91	Pass
NVNT	2-DH1	hopping	Ant1	0.01	-20	0.28	-19.72	6.91	Pass
NVNT	2-DH1	hopping	Ant1	0.011	-19.59	0.28	-19.31	6.91	Pass
NVNT	3-DH1	hopping	Ant1	0.01	-20	0.28	-19.72	6.91	Pass
NVNT	3-DH1	hopping	Ant1	0.01	-20	0.28	-19.72	6.91	Pass
NVNT	3-DH1	hopping	Ant1	0.01	-20	0.28	-19.72	6.91	Pass



Occupied Channel Bandwidth (Hopping)

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)	Lower Limit (MHz)	Upper Limit (MHz)	Verdict
NVNT	1-DH1	Hopping	Ant1	78.745	N/A	83.5	Pass
NVNT	2-DH1	Hopping	Ant1	78.778	N/A	83.5	Pass
NVNT	3-DH1	Hopping	Ant1	78.664	N/A	83.5	Pass





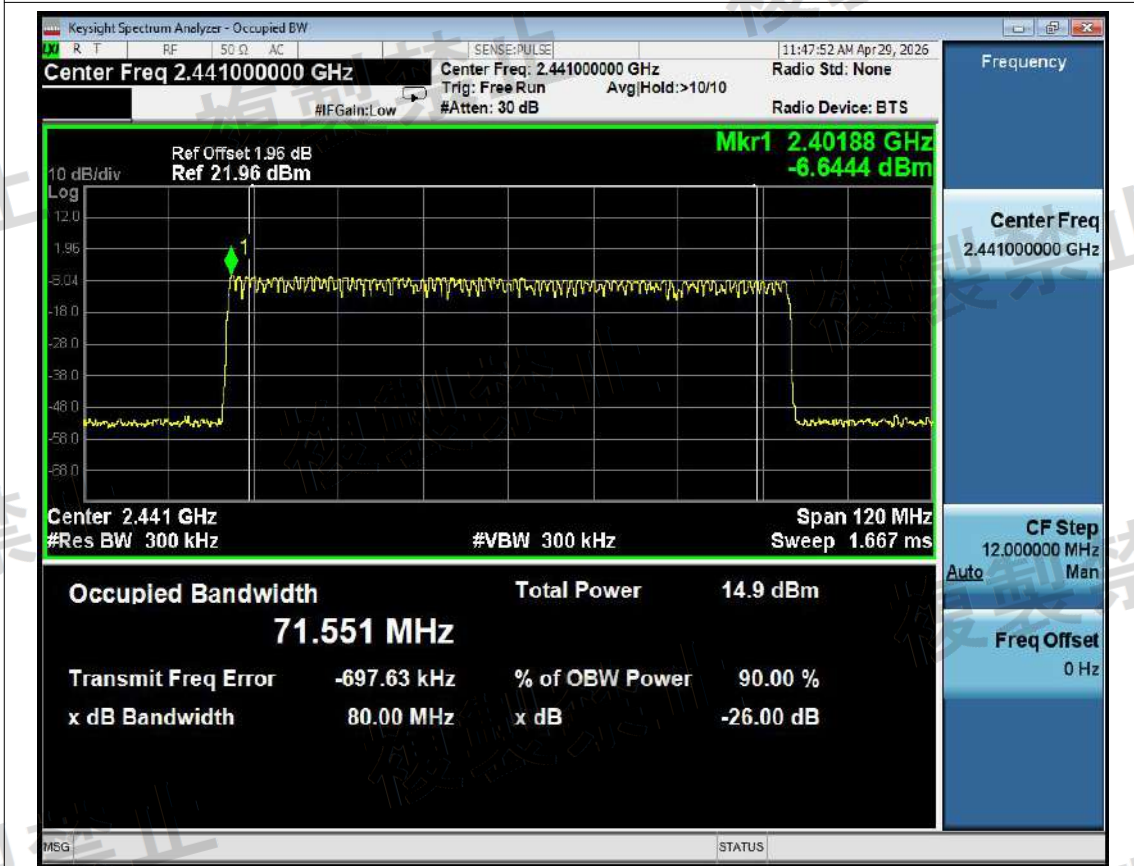


Spreading Bandwidth

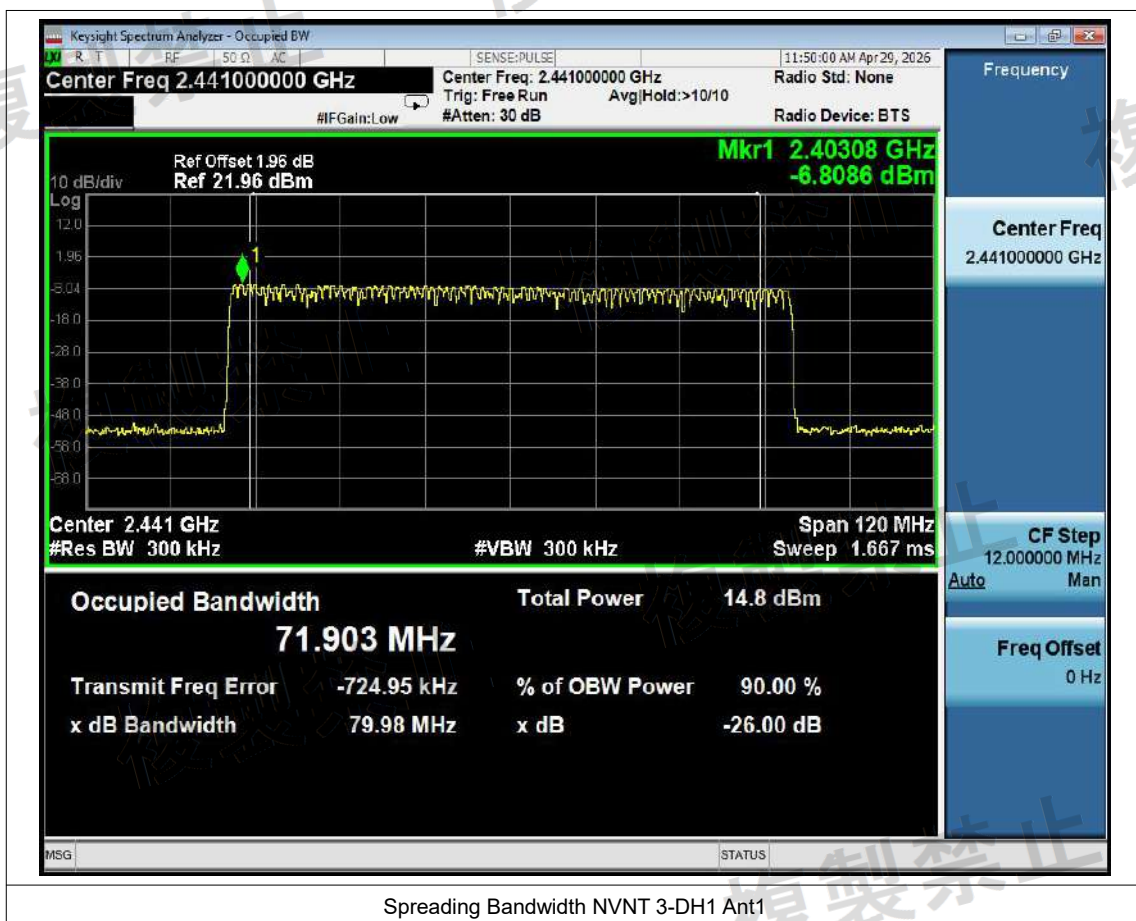
Condition	Mode	Frequency (MHz)	Antenna	90% OBW (MHz)
NVNT	1-DH1	2402	Ant1	71.214
NVNT	2-DH1	2402	Ant1	71.673
NVNT	3-DH1	2402	Ant1	71.859



Spreading Bandwidth NVNT 1-DH1 Ant1



Spreading Bandwidth NVNT 2-DH1 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	1-D H1	2402	Ant1	30-1000	768.07	-56.98	NA	0.002	NA	0.25	0.25	Pass
NVNT	1-D H1	2402	Ant1	1000-2387	2378.40	-46.63	NA	0.0217	NA	2.5	2.5	Pass
NVNT	1-D H1	2402	Ant1	2387-2400	2399.20	-40.68	NA	0.0855	NA	25	25	Pass
NVNT	1-D H1	2402	Ant1	2483.5-2496.5	2490.81	-46.56	NA	0.0221	NA	25	25	Pass
NVNT	1-D H1	2402	Ant1	2496.5-13000	4804.12	-40.63	NA	0.0865	NA	2.5	2.5	Pass
NVNT	1-D H1	2441	Ant1	30-1000	918.71	-58.11	NA	0.0015	NA	0.25	0.25	Pass
NVNT	1-D H1	2441	Ant1	1000-2387	2386.86	-47.17	NA	0.0192	NA	2.5	2.5	Pass
NVNT	1-D H1	2441	Ant1	2387-2400	2391.47	-46.72	NA	0.0213	NA	25	25	Pass
NVNT	1-D H1	2441	Ant1	2483.5-2496.5	2496.36	-46.40	NA	0.0229	NA	25	25	Pass
NVNT	1-D H1	2441	Ant1	2496.5-13000	2517.51	-33.17	NA	0.4819	NA	2.5	2.5	Pass
NVNT	1-D H1	2480	Ant1	30-1000	936.17	-56.97	NA	0.002	NA	0.25	0.25	Pass
NVNT	1-D H1	2480	Ant1	1000-2387	2319.45	-46.42	NA	0.0228	NA	2.5	2.5	Pass
NVNT	1-D H1	2480	Ant1	2387-2400	2392.60	-47.08	NA	0.0196	NA	25	25	Pass
NVNT	1-D H1	2480	Ant1	2483.5-2496.5	2483.56	-46.64	NA	0.0217	NA	25	25	Pass
NVNT	1-D H1	2480	Ant1	2496.5-13000	4960.62	-40.25	NA	0.0944	NA	2.5	2.5	Pass
NVNT	2-D H1	2402	Ant1	30-1000	959.26	-57.22	NA	0.0019	NA	0.25	0.25	Pass
NVNT	2-D H1	2402	Ant1	1000-2387	2210.99	-46.78	NA	0.021	NA	2.5	2.5	Pass



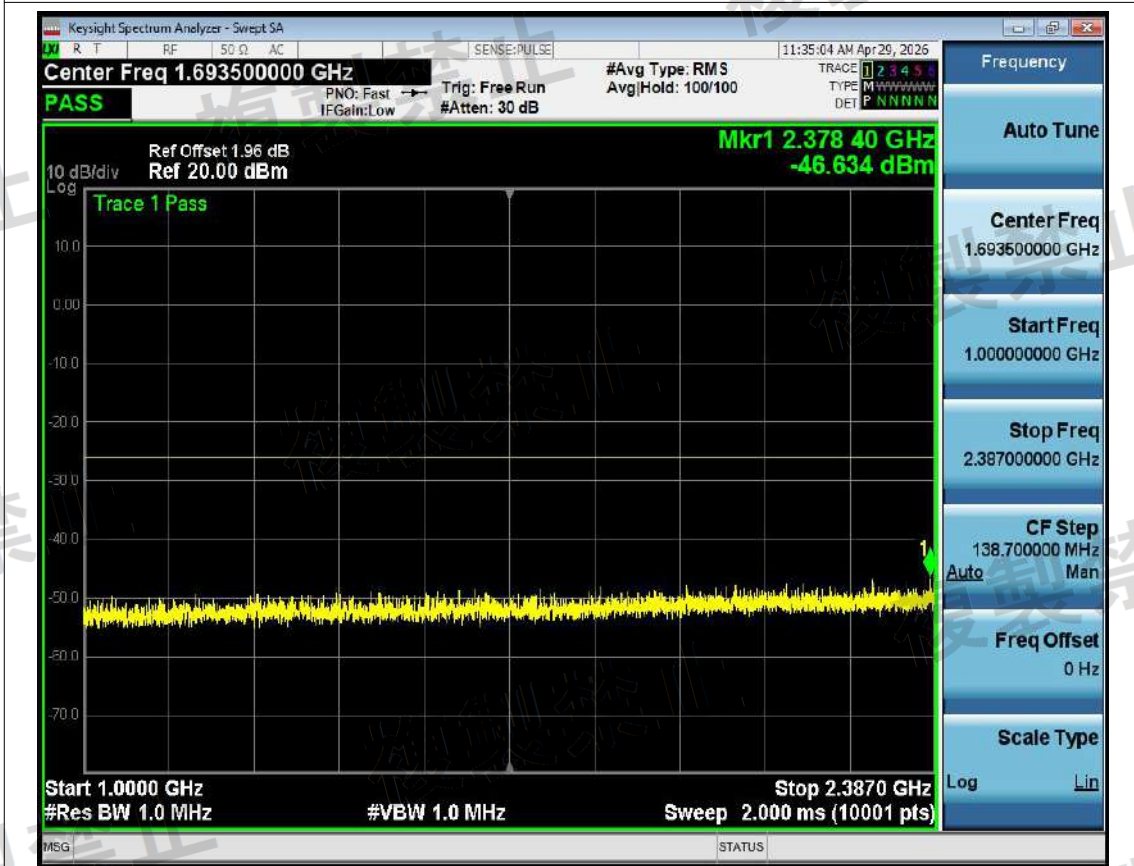
NVNT	2-D H1	2402	Ant1	2387-240 0	2399.98	-38. 95	NA	0.12 74	NA	25	25	Pass
NVNT	2-D H1	2402	Ant1	2483.5-24 96.5	2485.45	-46. 94	NA	0.02 02	NA	25	25	Pass
NVNT	2-D H1	2402	Ant1	2496.5-13 000	2613.09	-39. 73	NA	0.10 64	NA	2.5	2.5	Pass
NVNT	2-D H1	2441	Ant1	30-1000	868.37	-57. 09	NA	0.00 2	NA	0.25	0.2 5	Pass
NVNT	2-D H1	2441	Ant1	1000-238 7	2296.15	-46. 52	NA	0.02 23	NA	2.5	2.5	Pass
NVNT	2-D H1	2441	Ant1	2387-240 0	2393.94	-47. 00	NA	0.02	NA	25	25	Pass
NVNT	2-D H1	2441	Ant1	2483.5-24 96.5	2489.05	-46. 58	NA	0.02 2	NA	25	25	Pass
NVNT	2-D H1	2441	Ant1	2496.5-13 000	4881.84	-41. 09	NA	0.07 78	NA	2.5	2.5	Pass
NVNT	2-D H1	2480	Ant1	30-1000	898.64	-57. 50	NA	0.00 18	NA	0.25	0.2 5	Pass
NVNT	2-D H1	2480	Ant1	1000-238 7	2241.64	-46. 64	NA	0.02 17	NA	2.5	2.5	Pass
NVNT	2-D H1	2480	Ant1	2387-240 0	2396.30	-46. 93	NA	0.02 03	NA	25	25	Pass
NVNT	2-D H1	2480	Ant1	2483.5-24 96.5	2491.53	-46. 73	NA	0.02 12	NA	25	25	Pass
NVNT	2-D H1	2480	Ant1	2496.5-13 000	4960.62	-40. 32	NA	0.09 29	NA	2.5	2.5	Pass
NVNT	3-D H1	2402	Ant1	30-1000	829.18	-56. 80	NA	0.00 21	NA	0.25	0.2 5	Pass
NVNT	3-D H1	2402	Ant1	1000-238 7	2253.85	-46. 71	NA	0.02 13	NA	2.5	2.5	Pass
NVNT	3-D H1	2402	Ant1	2387-240 0	2399.98	-41. 10	NA	0.07 76	NA	25	25	Pass
NVNT	3-D H1	2402	Ant1	2483.5-24 96.5	2492.11	-46. 33	NA	0.02 33	NA	25	25	Pass
NVNT	3-D H1	2402	Ant1	2496.5-13 000	4804.12	-41. 51	NA	0.07 06	NA	2.5	2.5	Pass
NVNT	3-D H1	2441	Ant1	30-1000	966.63	-57. 15	NA	0.00 19	NA	0.25	0.2 5	Pass
NVNT	3-D H1	2441	Ant1	1000-238 7	2143.30	-46. 27	NA	0.02 36	NA	2.5	2.5	Pass
NVNT	3-D H1	2441	Ant1	2387-240 0	2392.47	-46. 35	NA	0.02 32	NA	25	25	Pass
NVNT	3-D H1	2441	Ant1	2483.5-24 96.5	2489.88	-46. 58	NA	0.02 2	NA	25	25	Pass



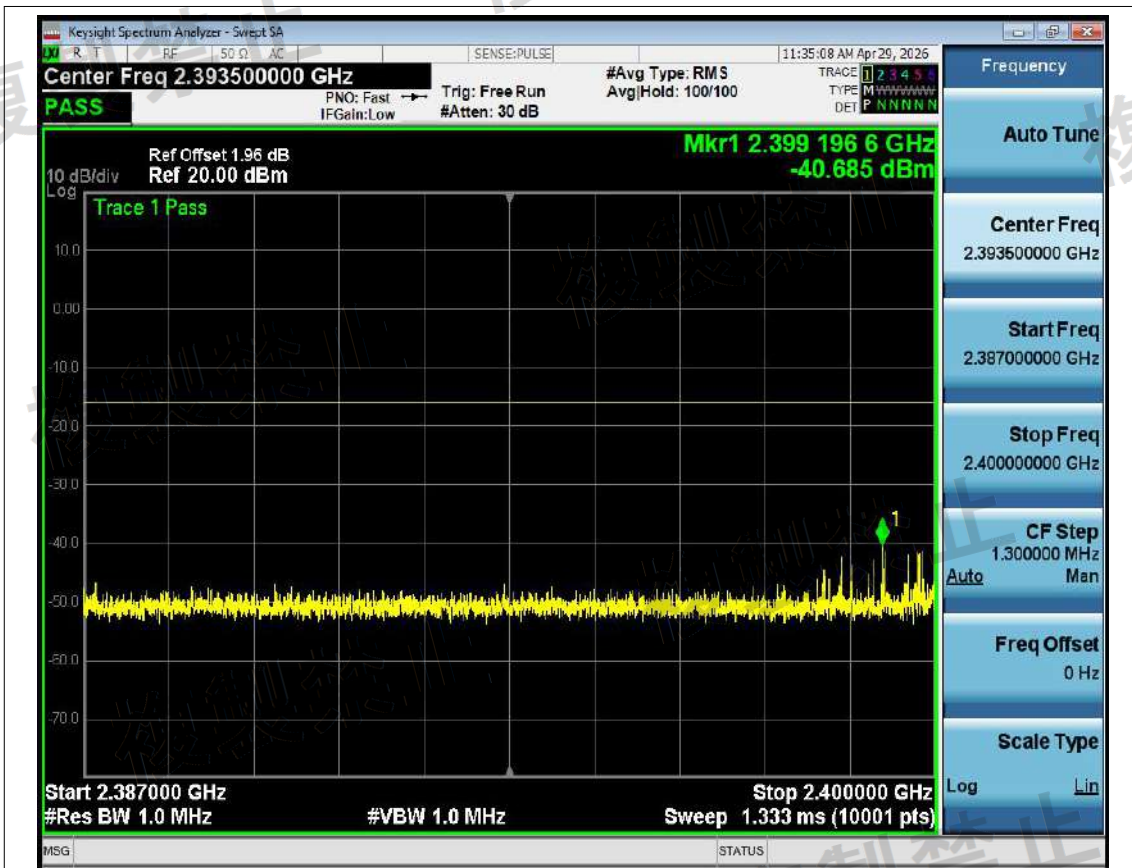
NVNT	3-D H1	2441	Ant1	2496.5-13 000	5175.94	-35. 25	NA	0.29 85	NA	2.5	2.5	Pass
NVNT	3-D H1	2480	Ant1	30-1000	901.06	-57. 34	NA	0.00 18	NA	0.25	0.2 5	Pass
NVNT	3-D H1	2480	Ant1	1000-238 7	2378.82	-46. 82	NA	0.02 08	NA	2.5	2.5	Pass
NVNT	3-D H1	2480	Ant1	2387-240 0	2399.64	-46. 33	NA	0.02 33	NA	25	25	Pass
NVNT	3-D H1	2480	Ant1	2483.5-24 96.5	2484.11	-46. 45	NA	0.02 26	NA	25	25	Pass
NVNT	3-D H1	2480	Ant1	2496.5-13 000	4960.62	-41. 23	NA	0.07 53	NA	2.5	2.5	Pass



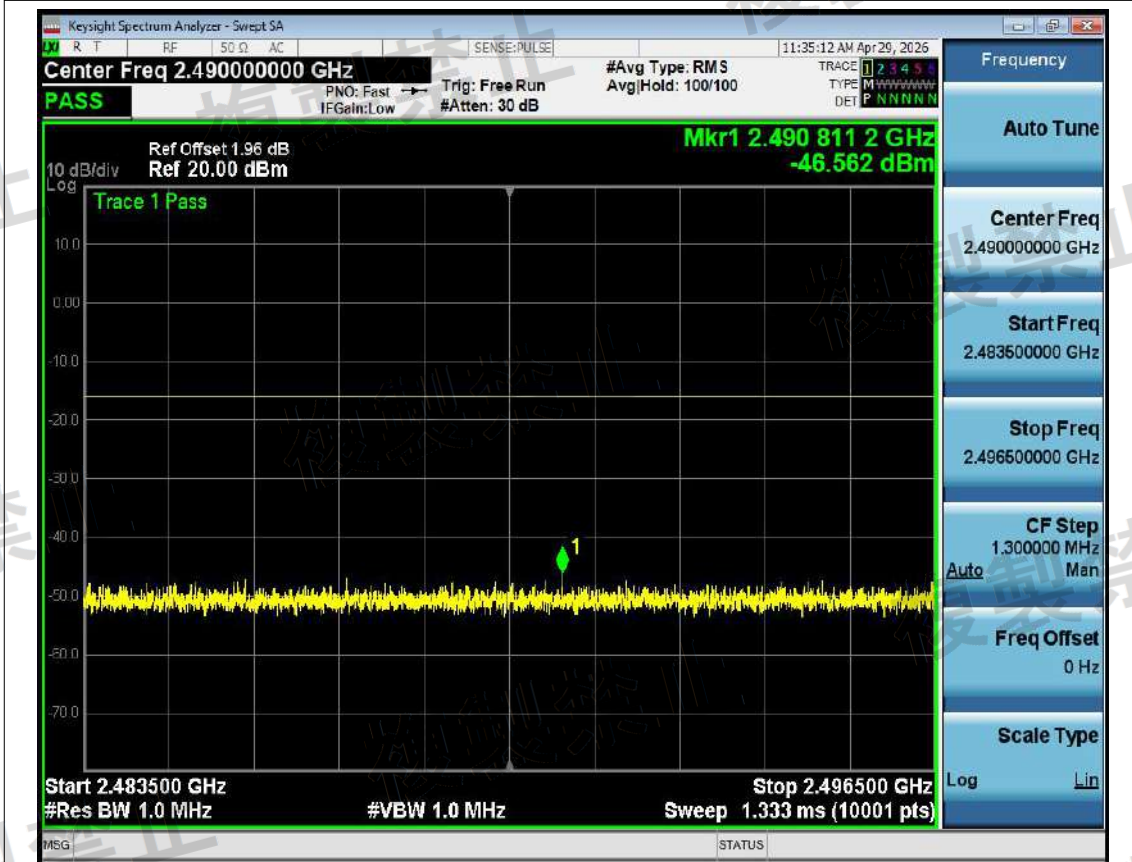
Tx. Spurious NVNT 1-DH1 2402MHz Ant1 @ 30MHz-1000MHz



Tx. Spurious NVNT 1-DH1 2402MHz Ant1 @ 1000MHz-2387MHz



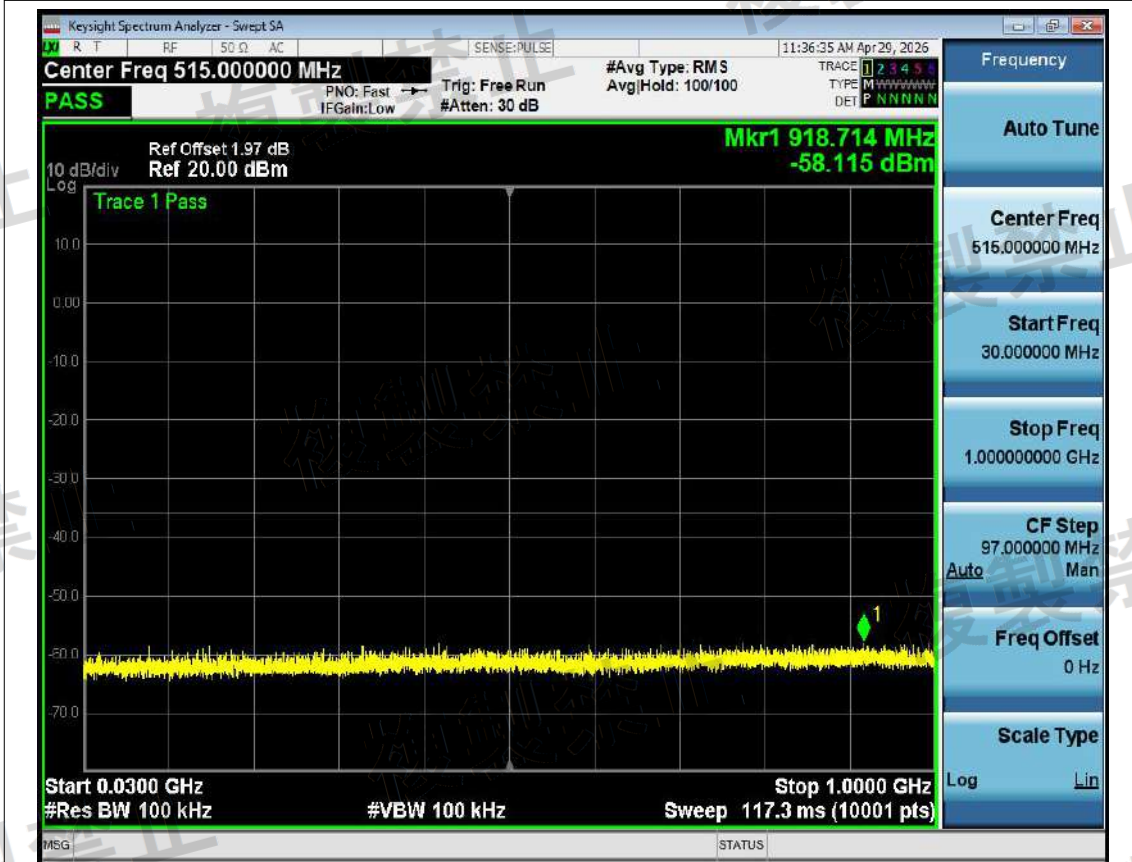
Tx. Spurious NVNT 1-DH1 2402MHz Ant1 @ 2387MHz-2400MHz



Tx. Spurious NVNT 1-DH1 2402MHz Ant1 @ 2483.5MHz-2496.5MHz



Tx. Spurious NVNT 1-DH1 2402MHz Ant1 @ 2496.5MHz-13000MHz



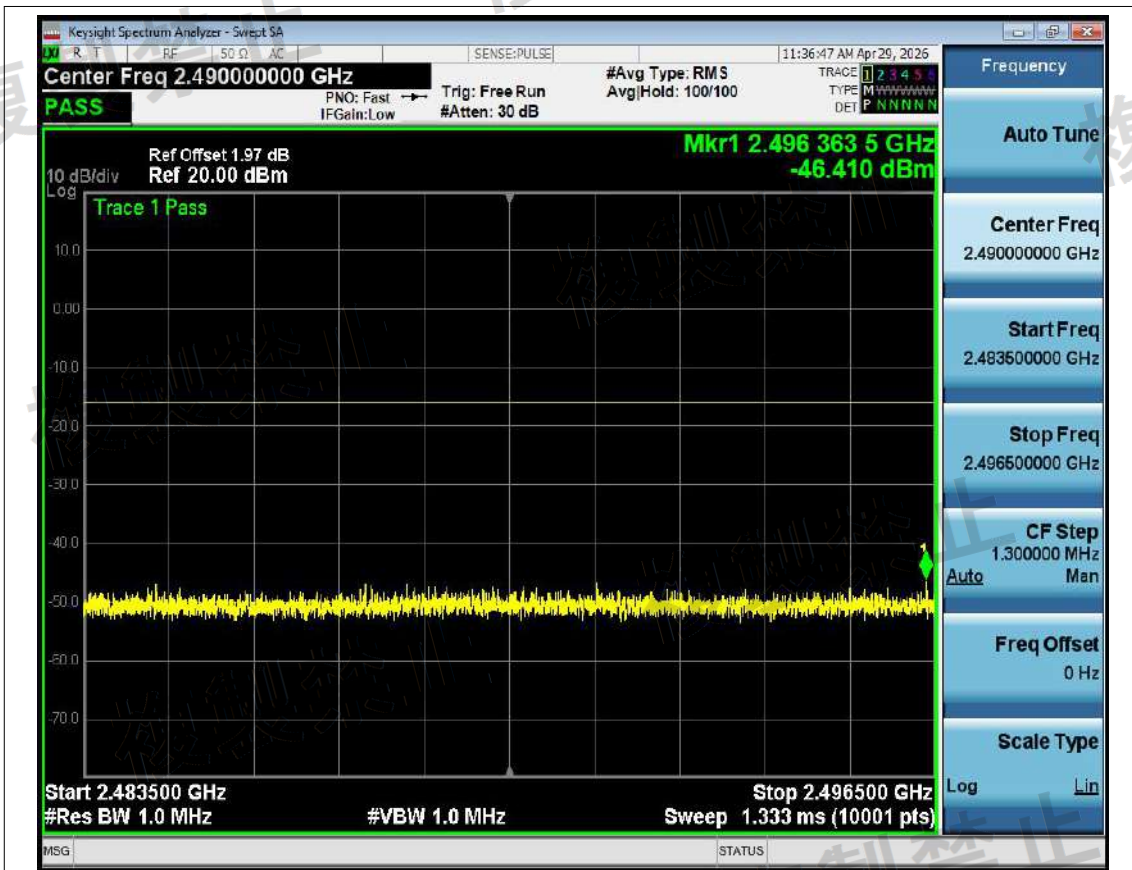
Tx. Spurious NVNT 1-DH1 2441MHz Ant1 @ 30MHz-1000MHz



Tx. Spurious NVNT 1-DH1 2441MHz Ant1 @ 1000MHz-2387MHz



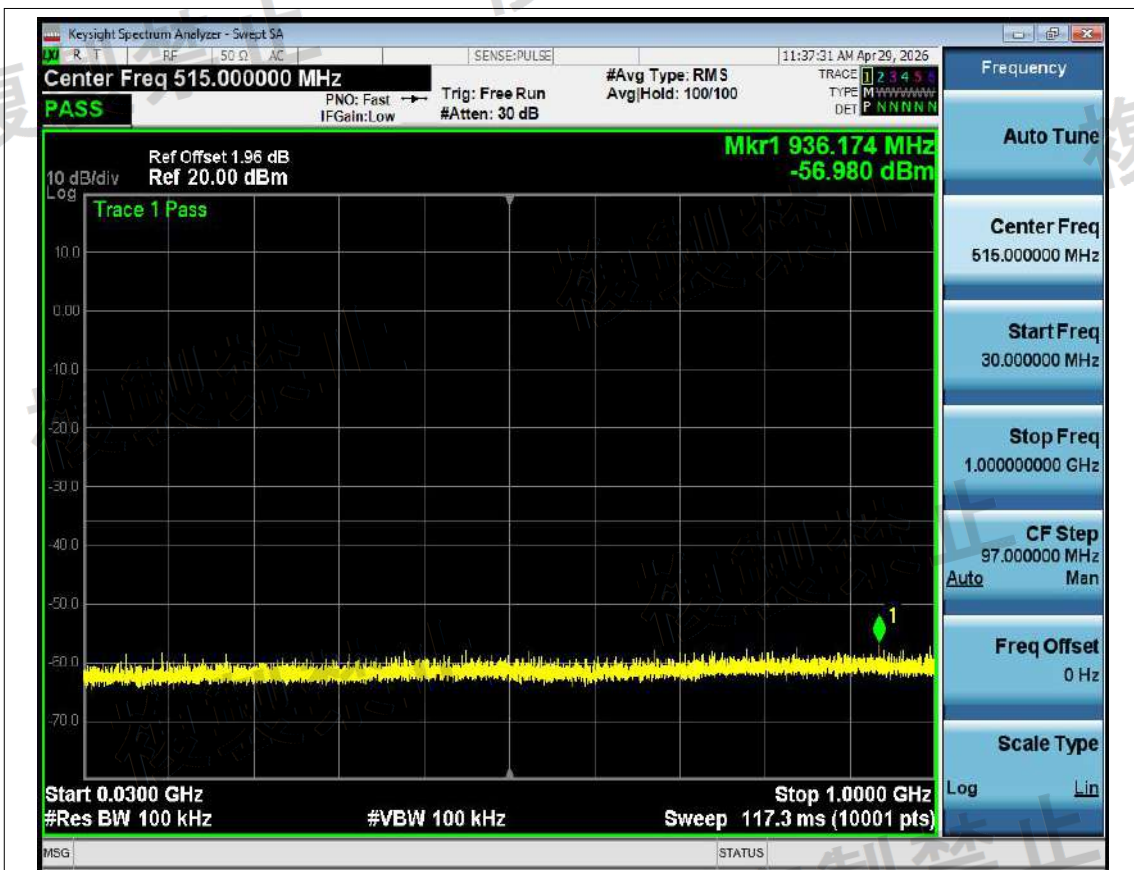
Tx. Spurious NVNT 1-DH1 2441MHz Ant1 @ 2387MHz-2400MHz



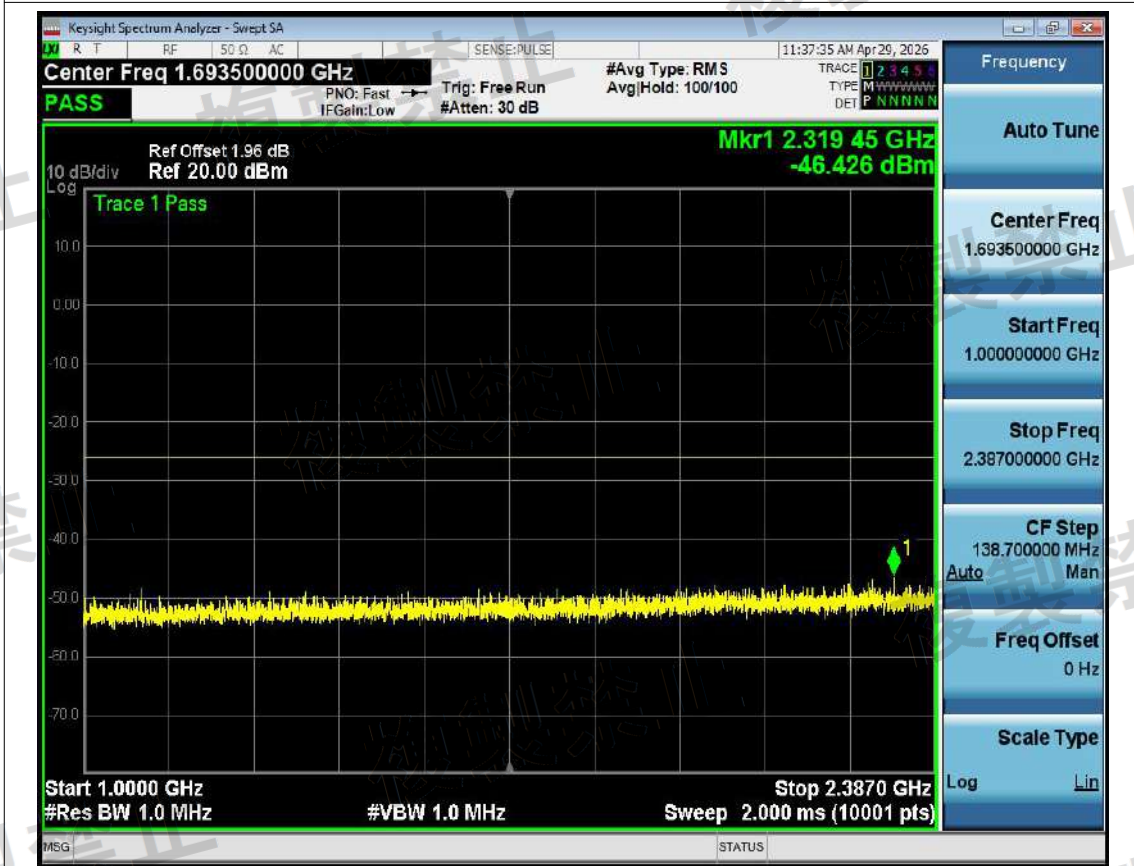
Tx. Spurious NVNT 1-DH1 2441MHz Ant1 @ 2483.5MHz-2496.5MHz



Tx. Spurious NVNT 1-DH1 2441MHz Ant1 @ 2496.5MHz-13000MHz



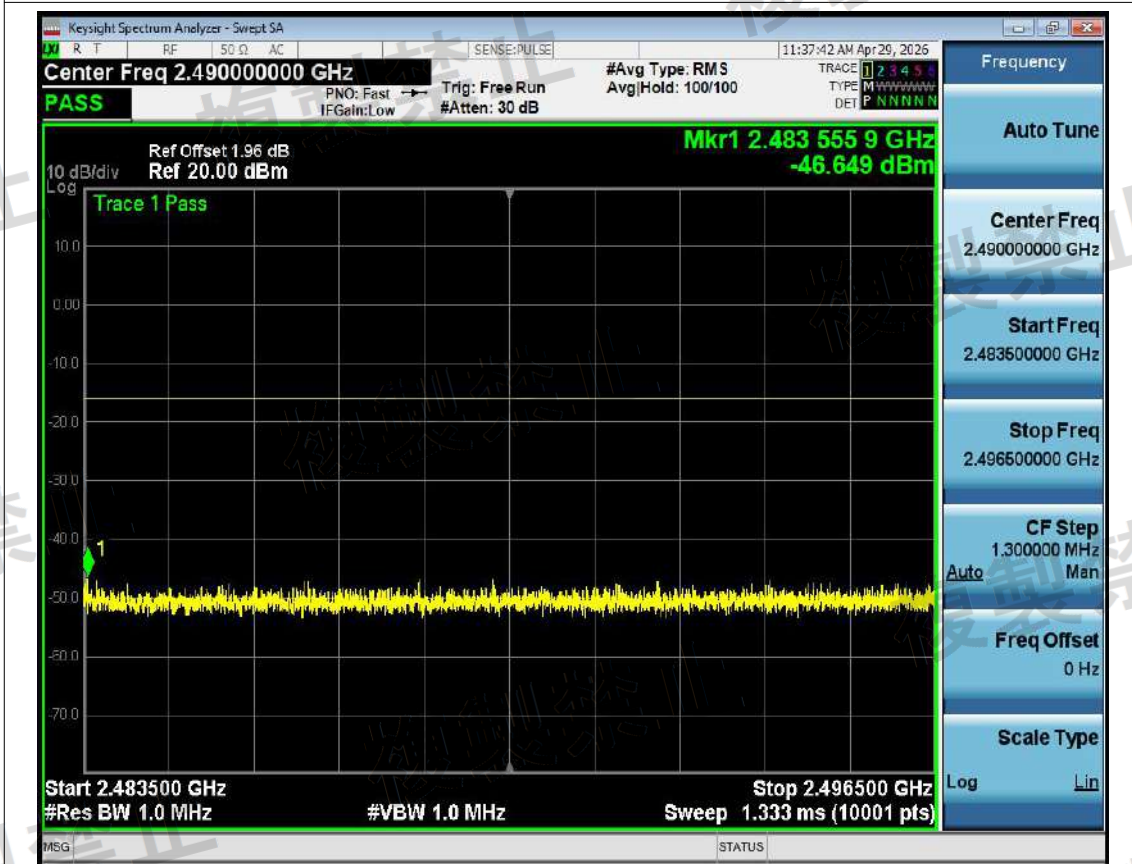
Tx. Spurious NVNT 1-DH1 2480MHz Ant1 @ 30MHz-1000MHz



Tx. Spurious NVNT 1-DH1 2480MHz Ant1 @ 1000MHz-2387MHz



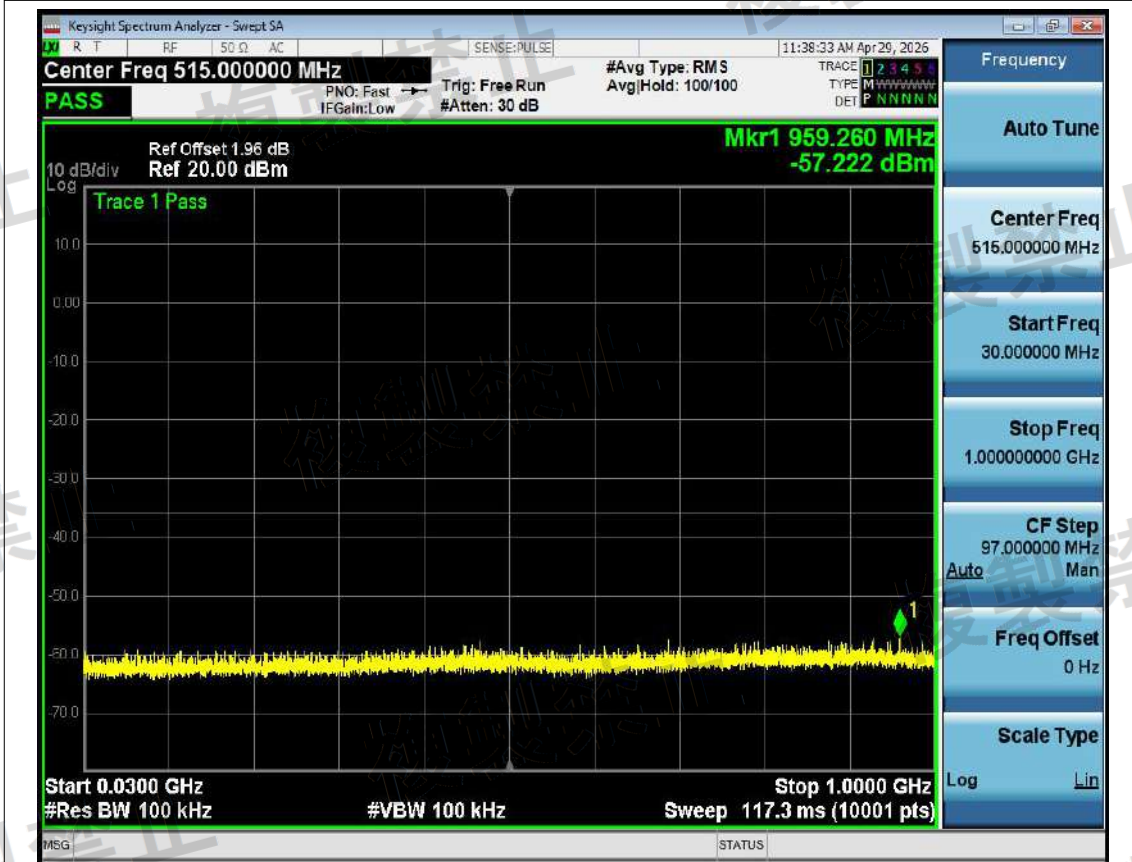
Tx. Spurious NVNT 1-DH1 2480MHz Ant1 @ 2387MHz-2400MHz



Tx. Spurious NVNT 1-DH1 2480MHz Ant1 @ 2483.5MHz-2496.5MHz



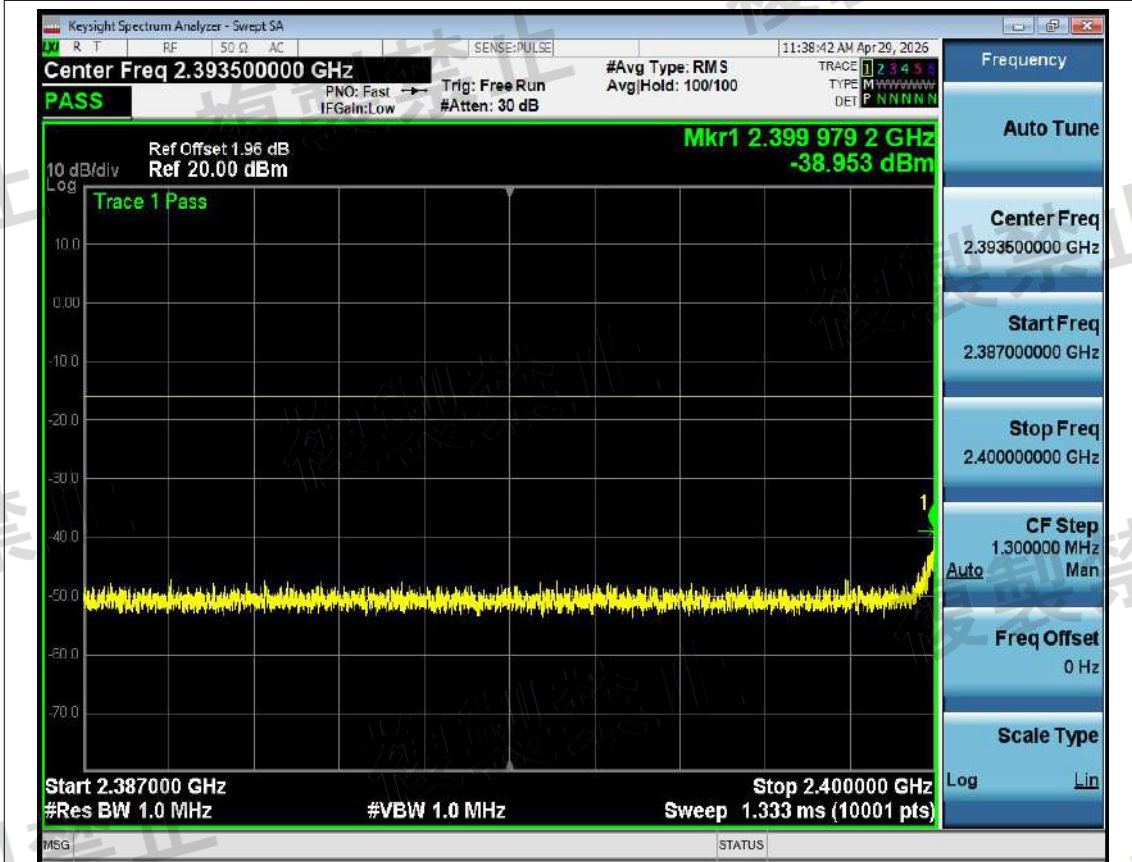
Tx. Spurious NVNT 1-DH1 2480MHz Ant1 @ 2496.5MHz-13000MHz



Tx. Spurious NVNT 2-DH1 2402MHz Ant1 @ 30MHz-1000MHz



Tx. Spurious NVNT 2-DH1 2402MHz Ant1 @ 1000MHz-2387MHz



Tx. Spurious NVNT 2-DH1 2402MHz Ant1 @ 2387MHz-2400MHz



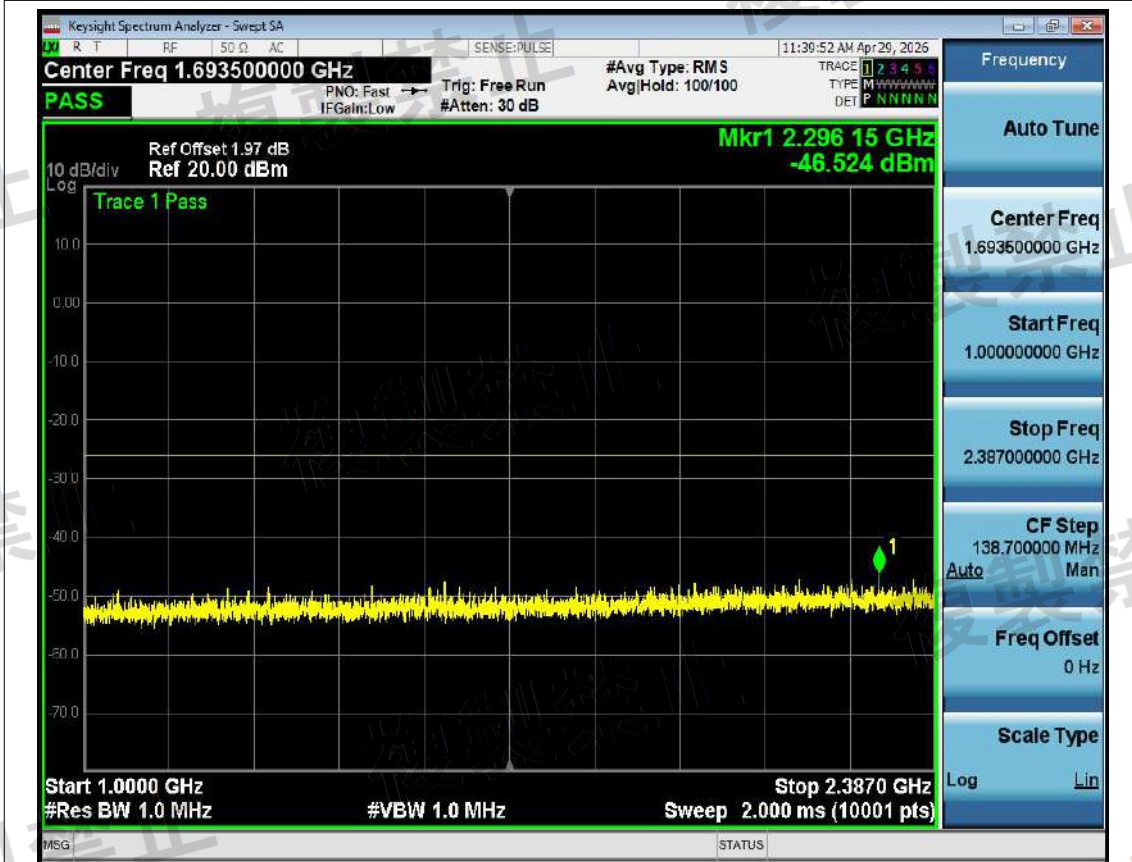
Tx. Spurious NVNT 2-DH1 2402MHz Ant1 @ 2483.5MHz-2496.5MHz



Tx. Spurious NVNT 2-DH1 2402MHz Ant1 @ 2496.5MHz-13000MHz



Tx. Spurious NVNT 2-DH1 2441MHz Ant1 @ 30MHz-1000MHz



Tx. Spurious NVNT 2-DH1 2441MHz Ant1 @ 1000MHz-2387MHz