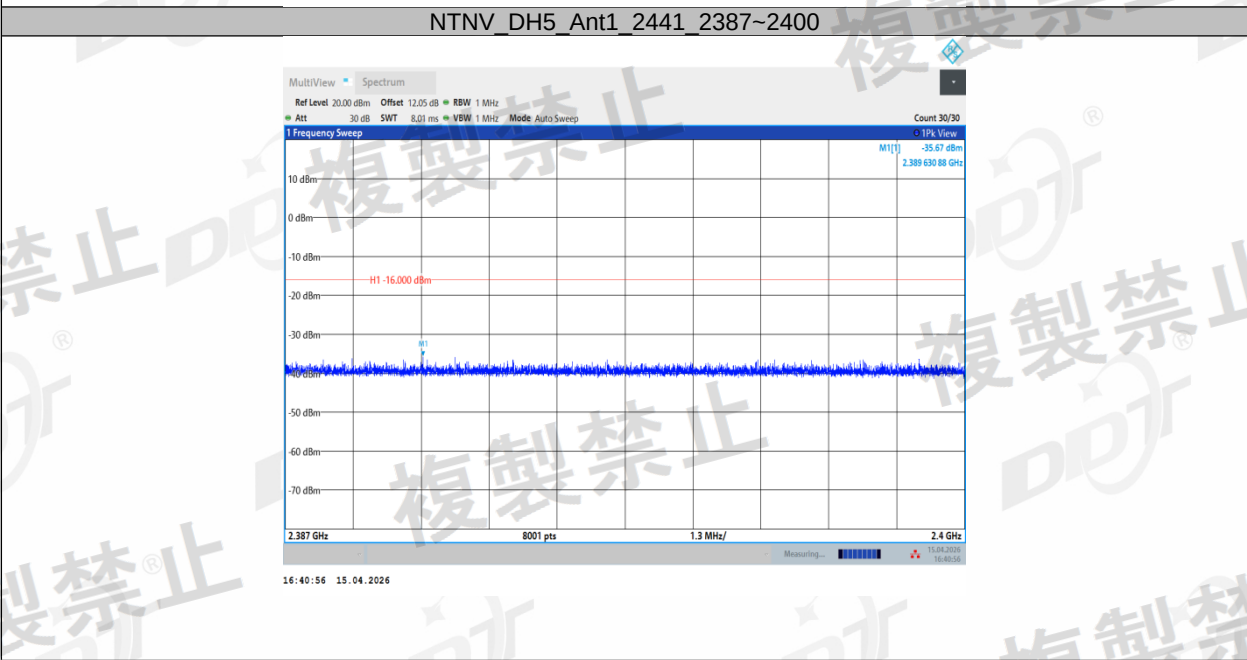
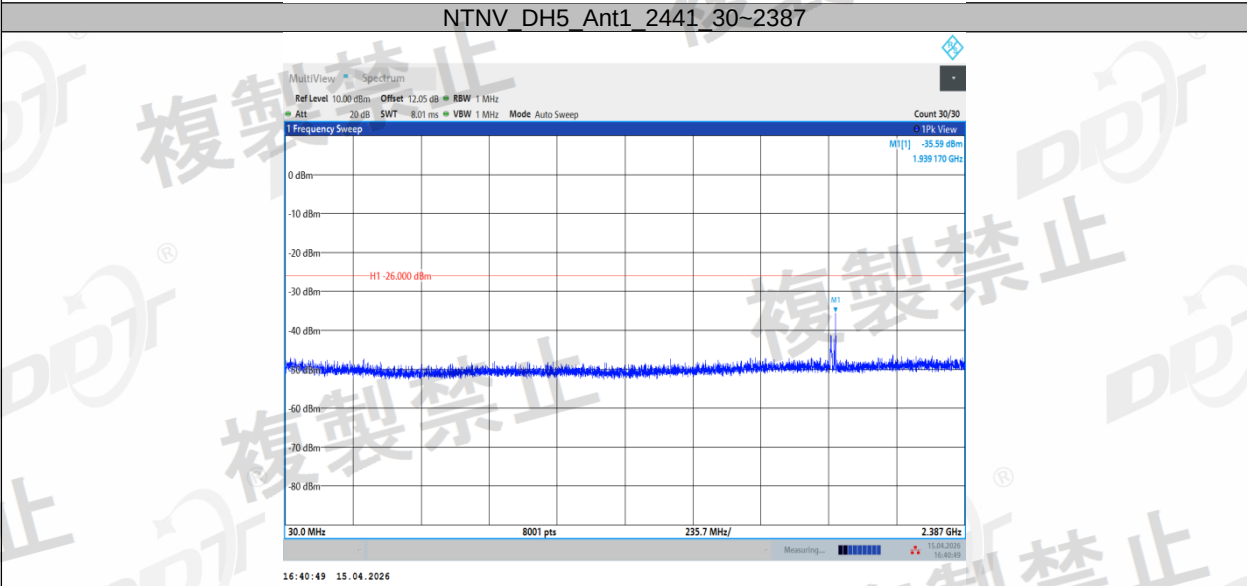
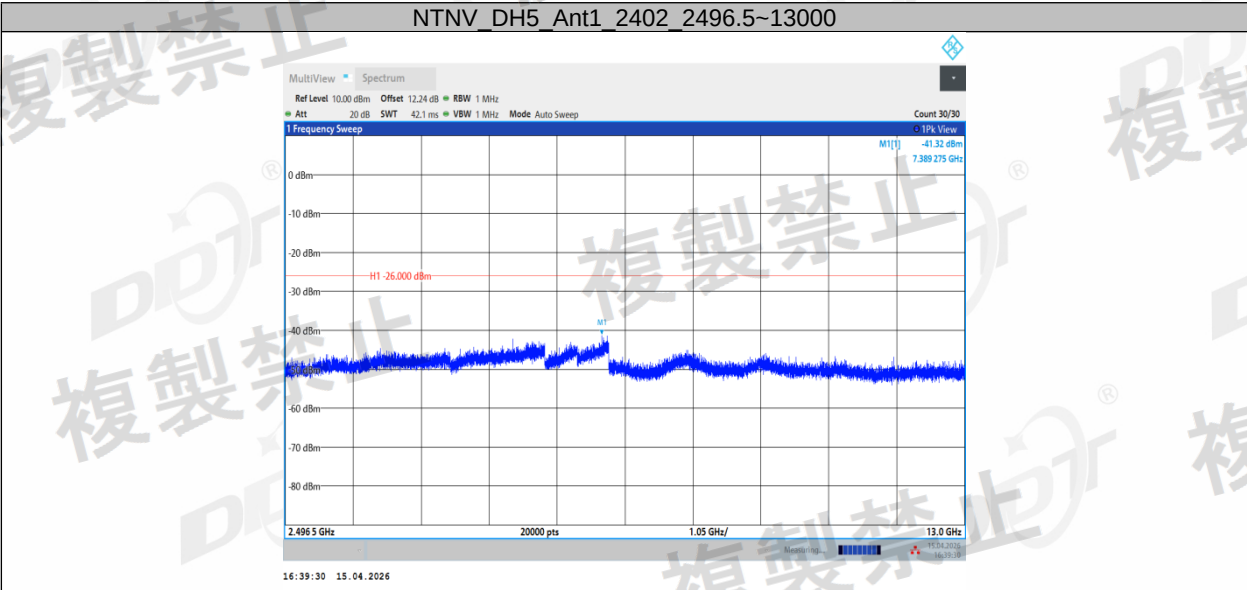
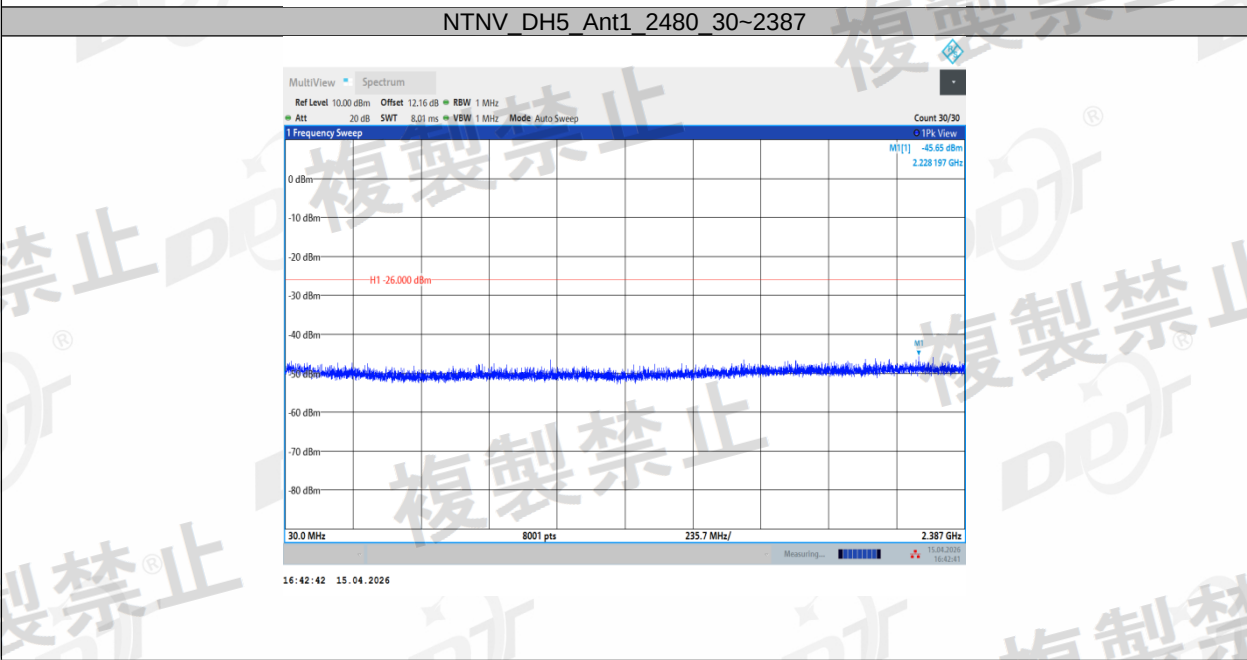
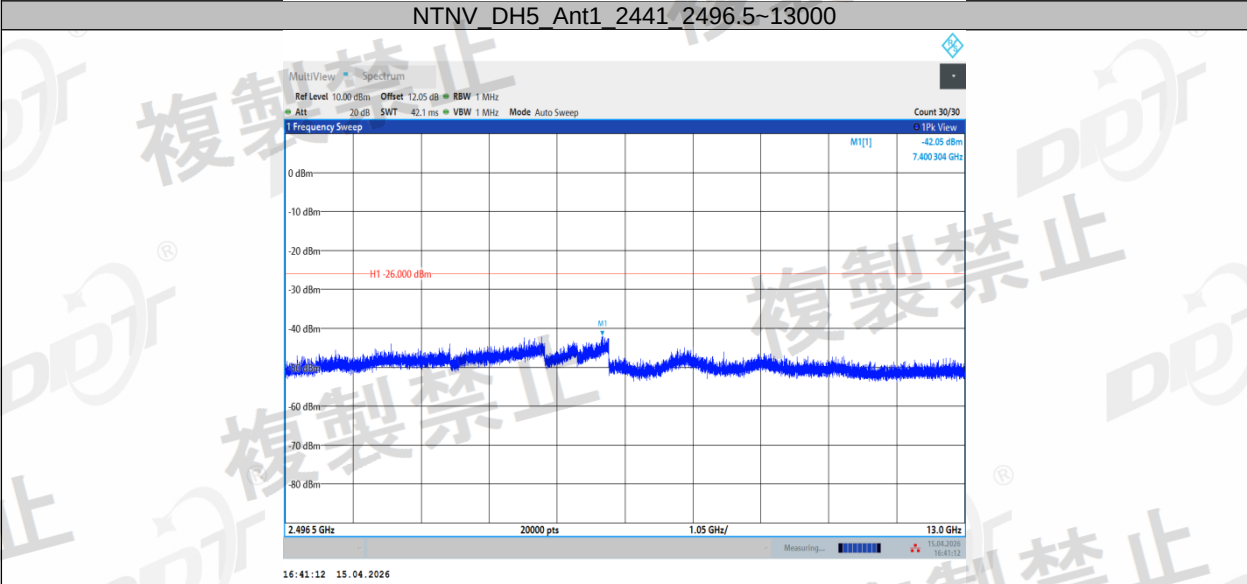
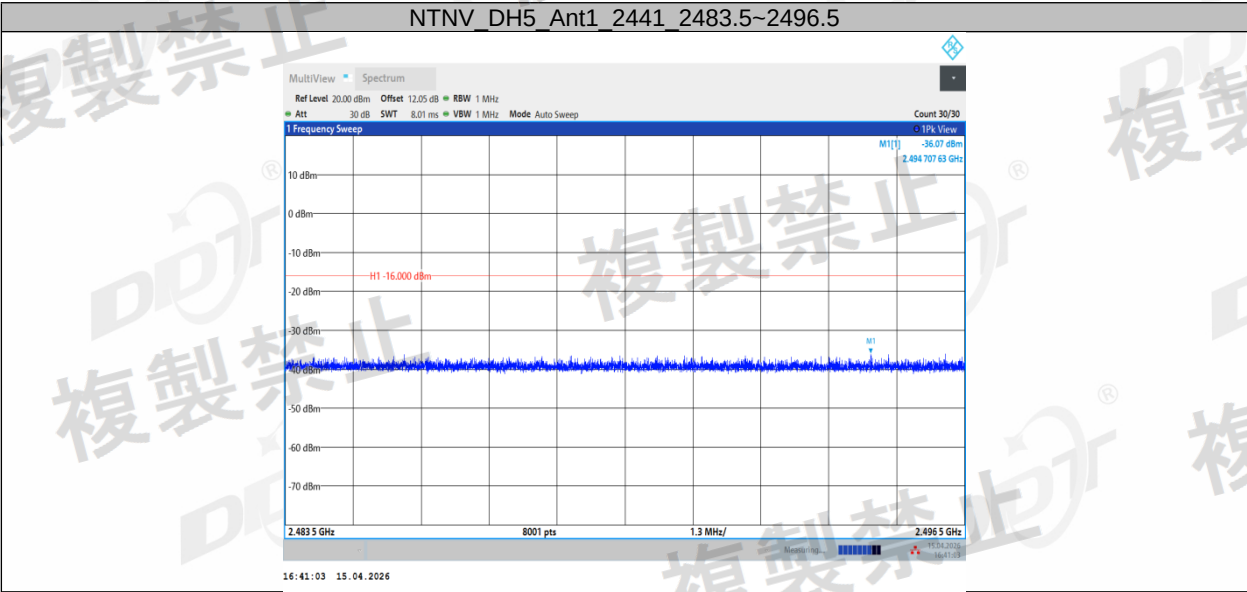
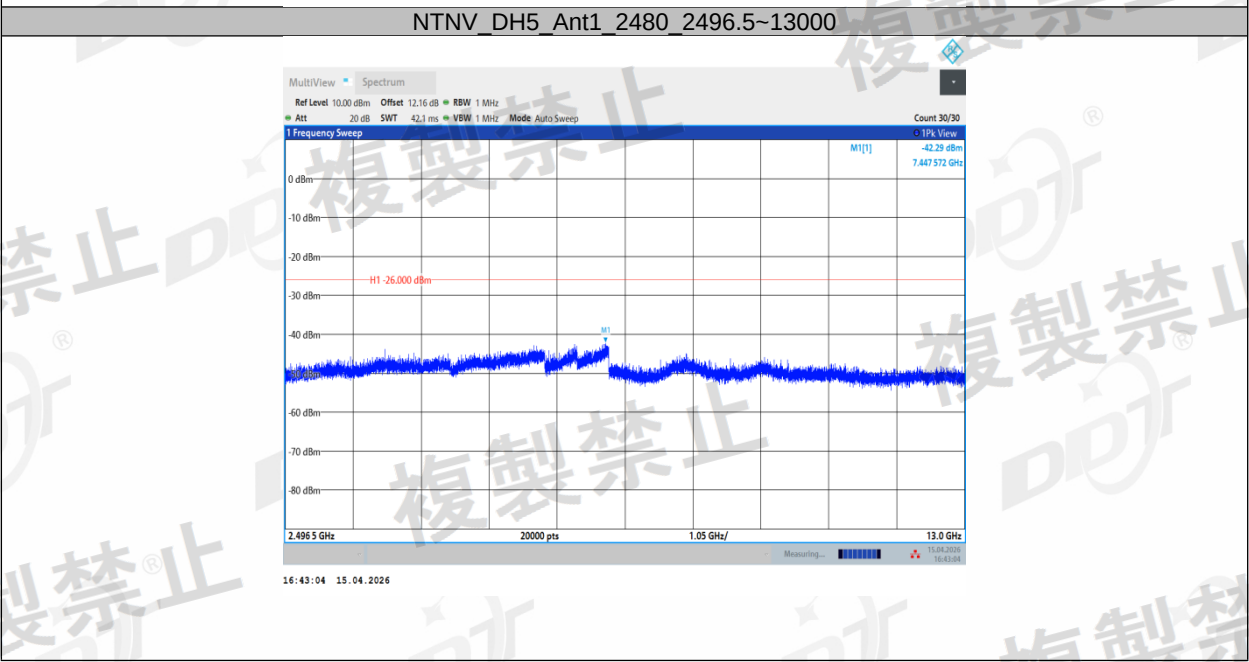
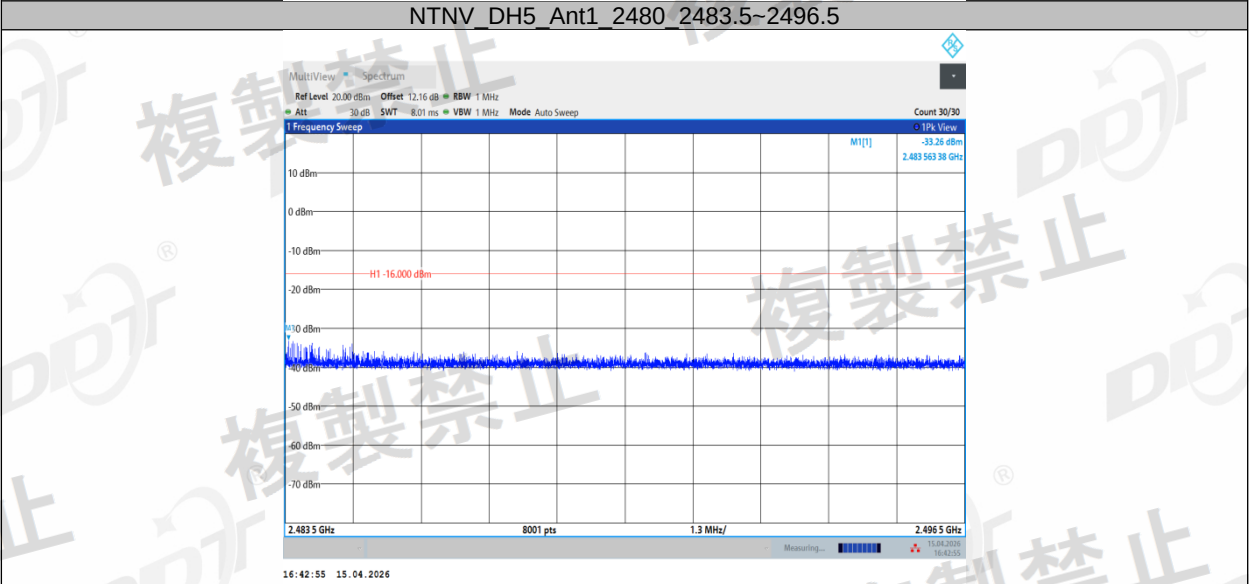
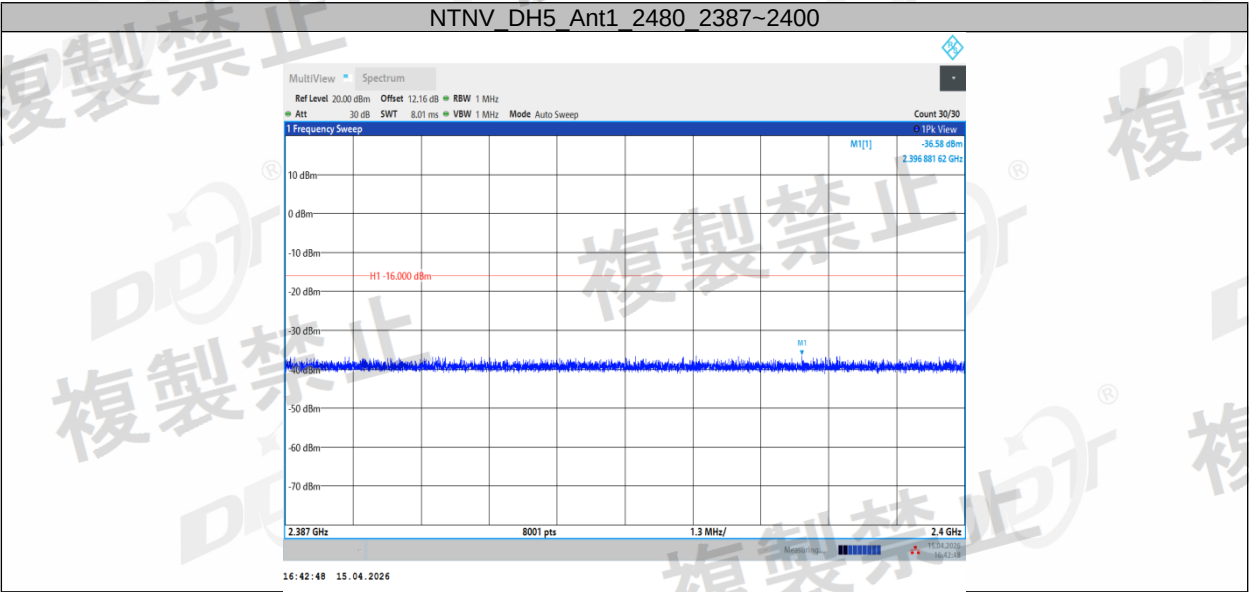
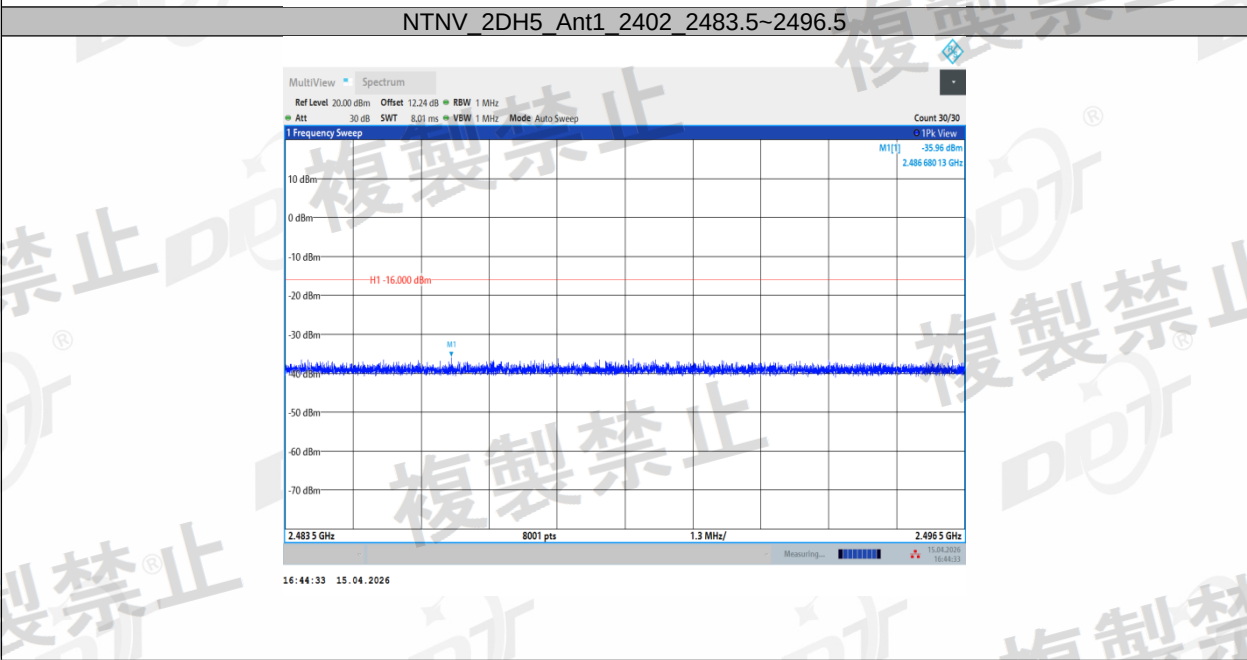
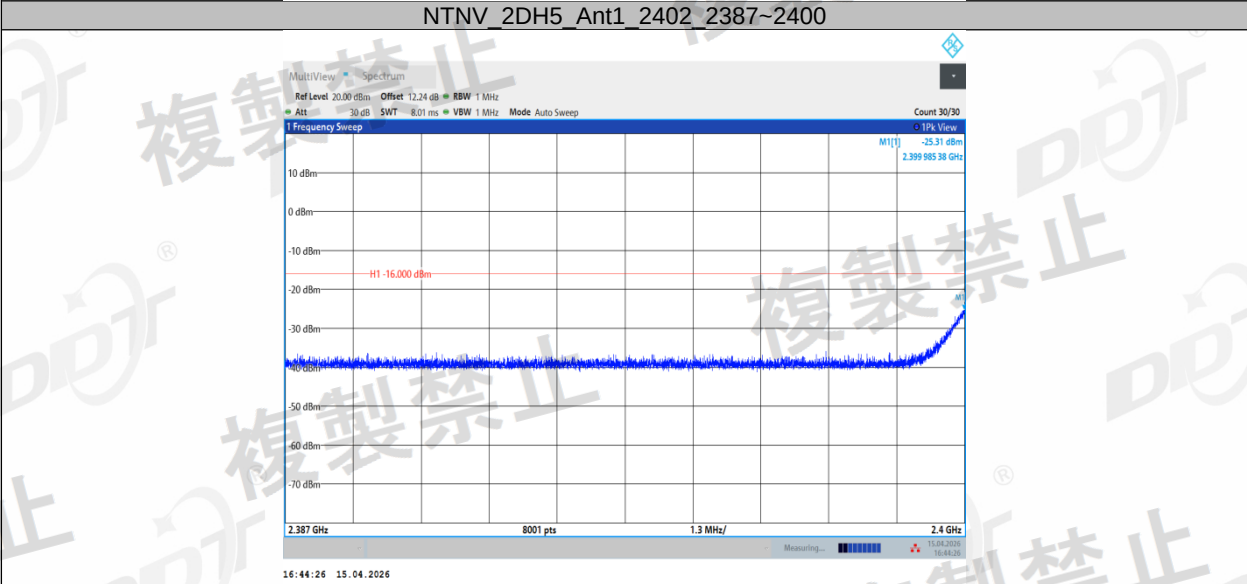
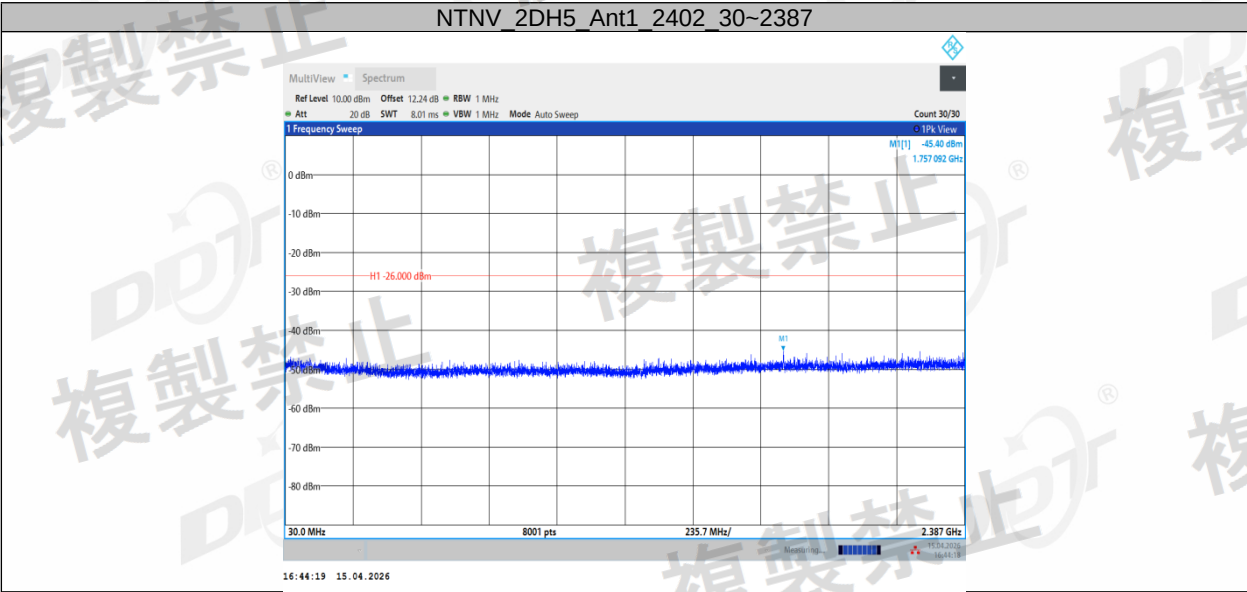
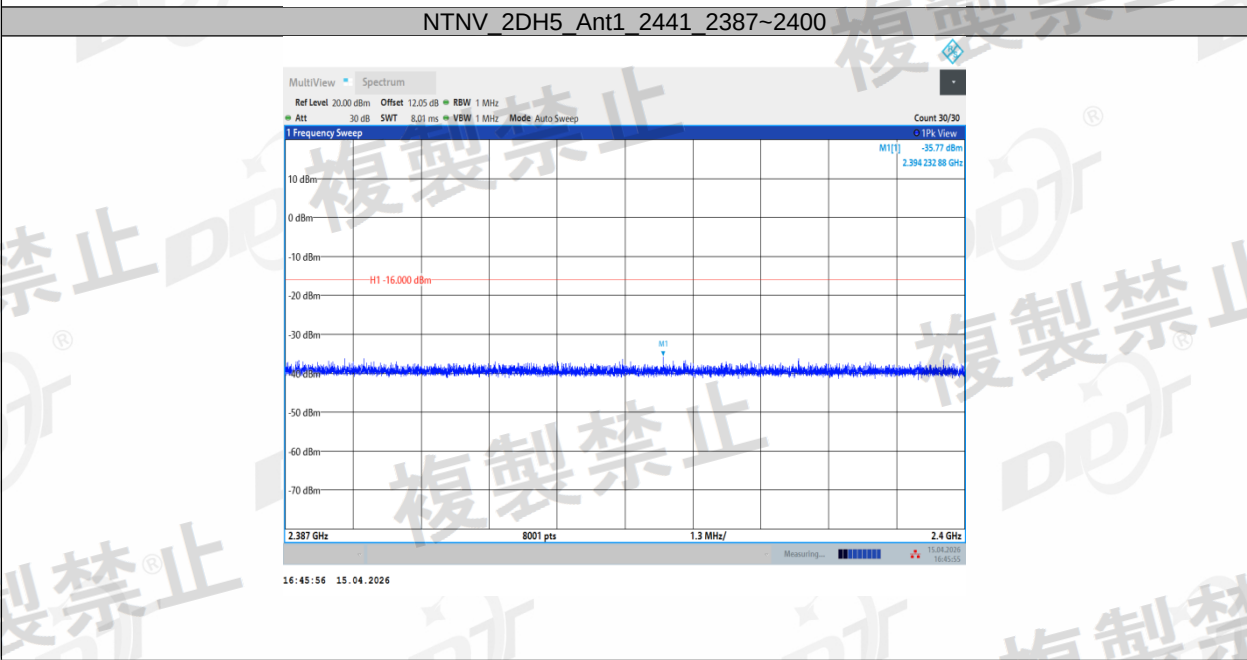
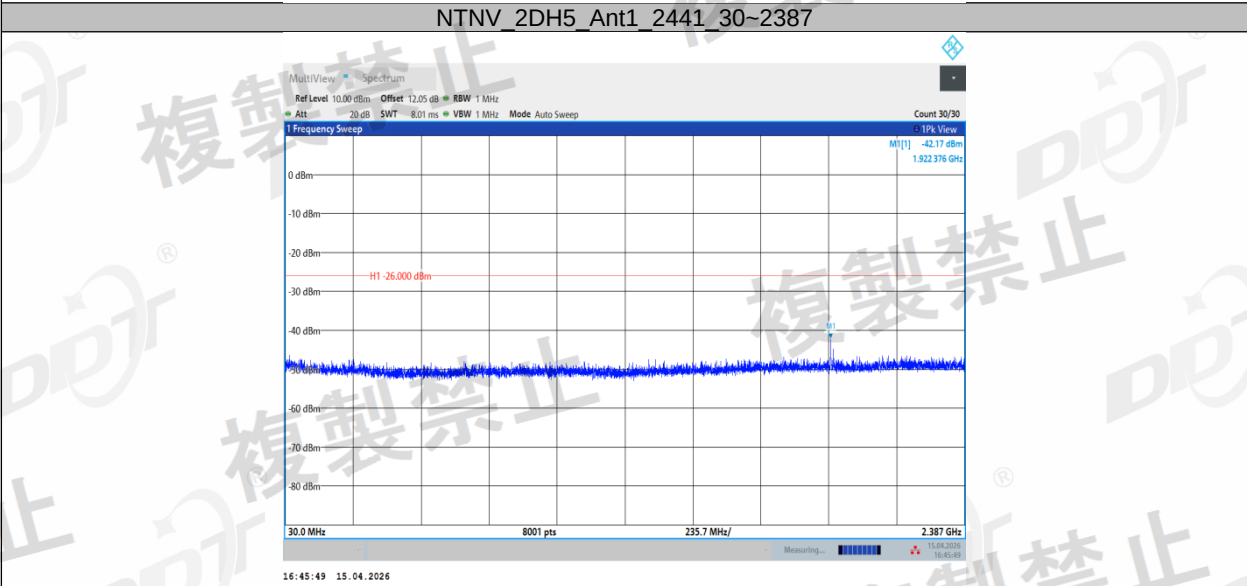
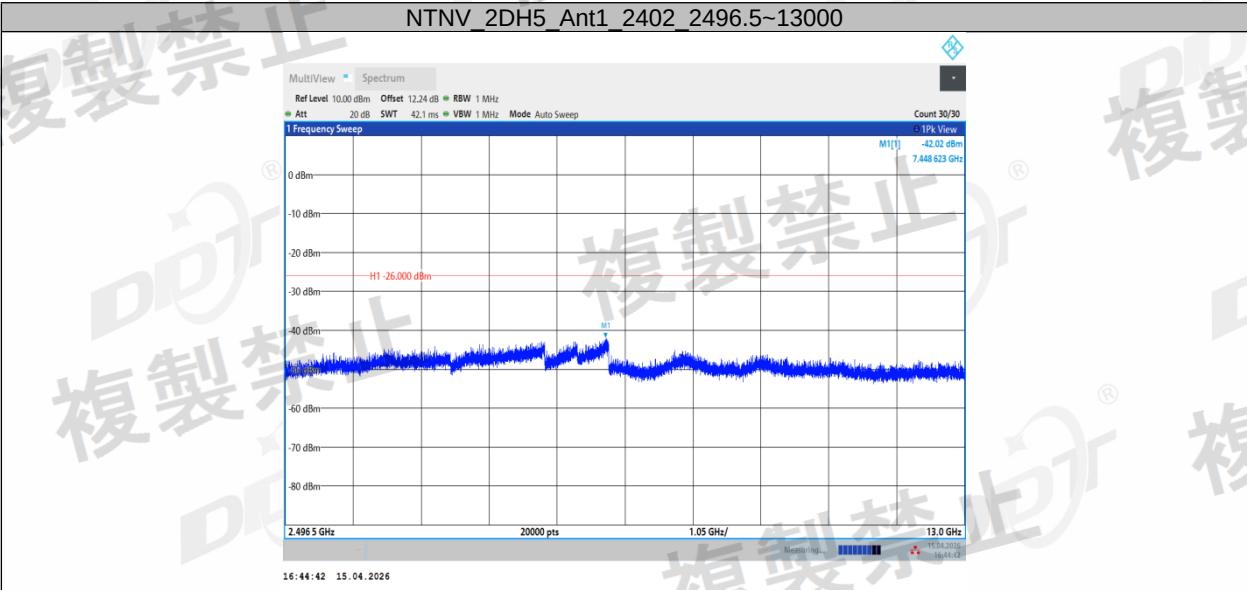


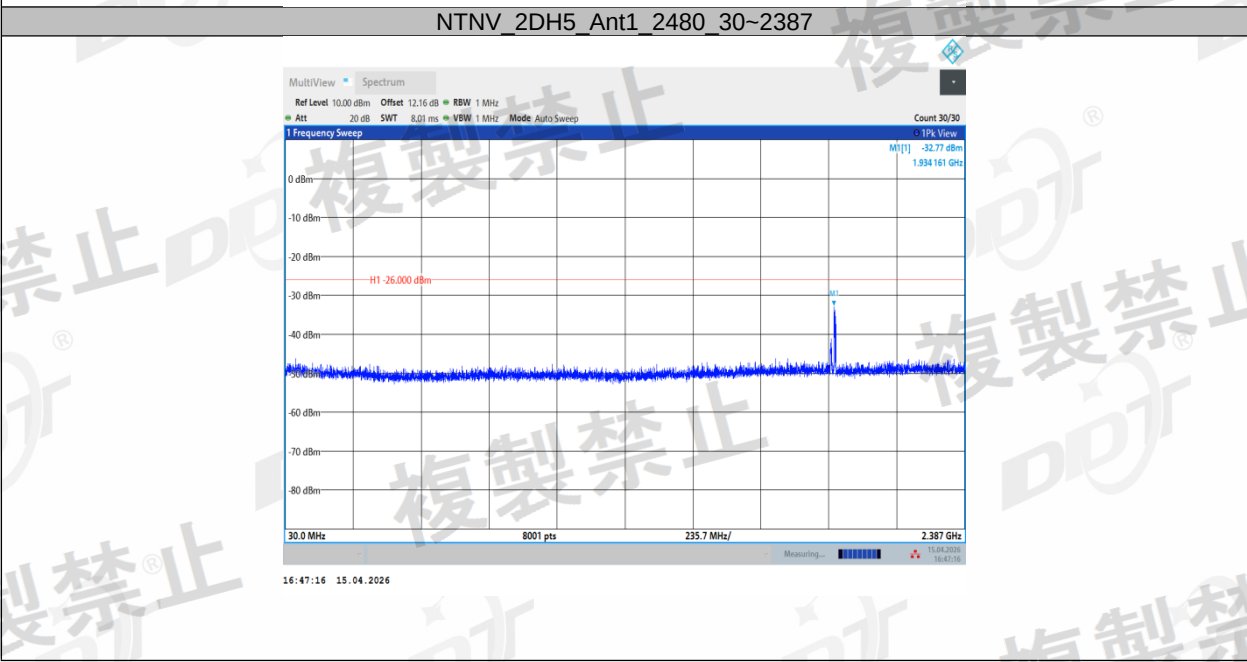
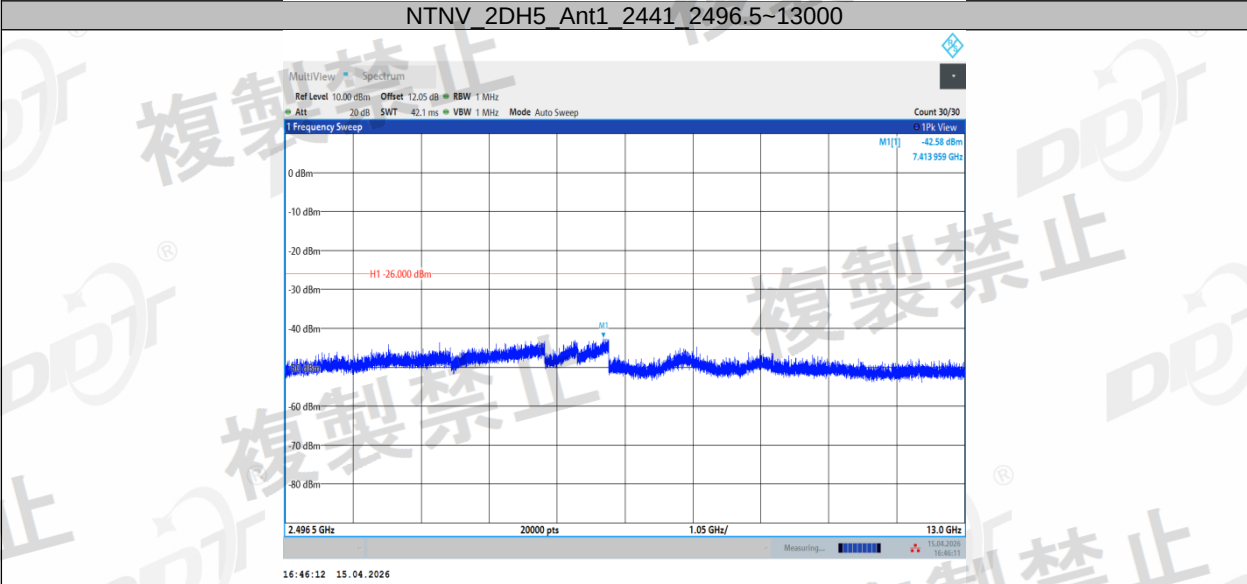
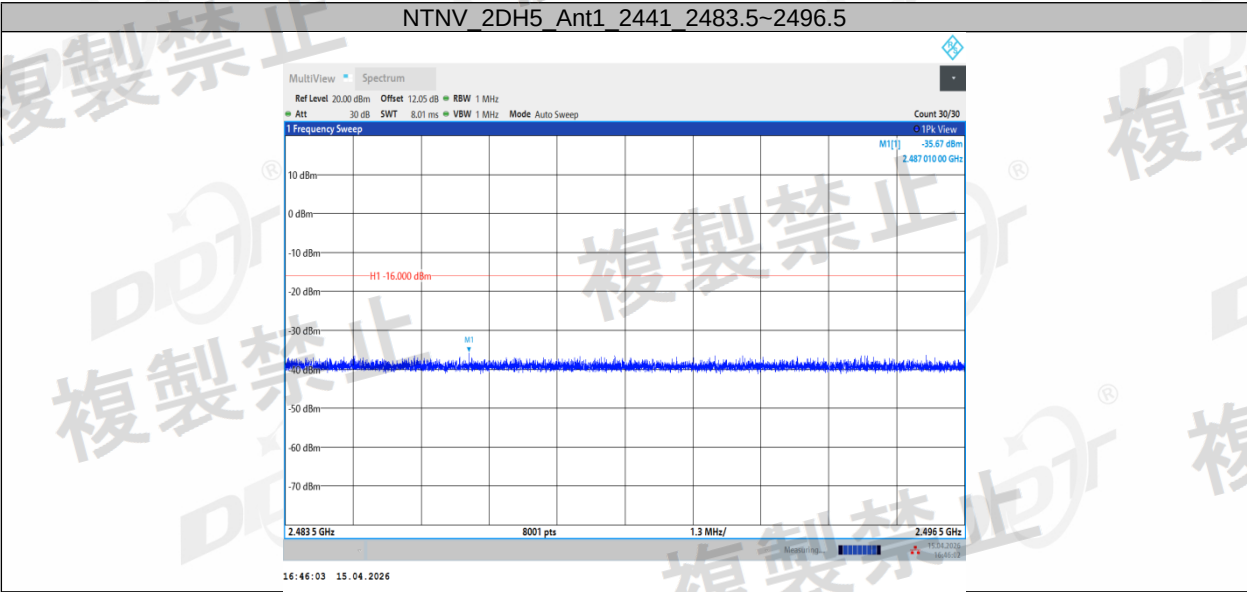


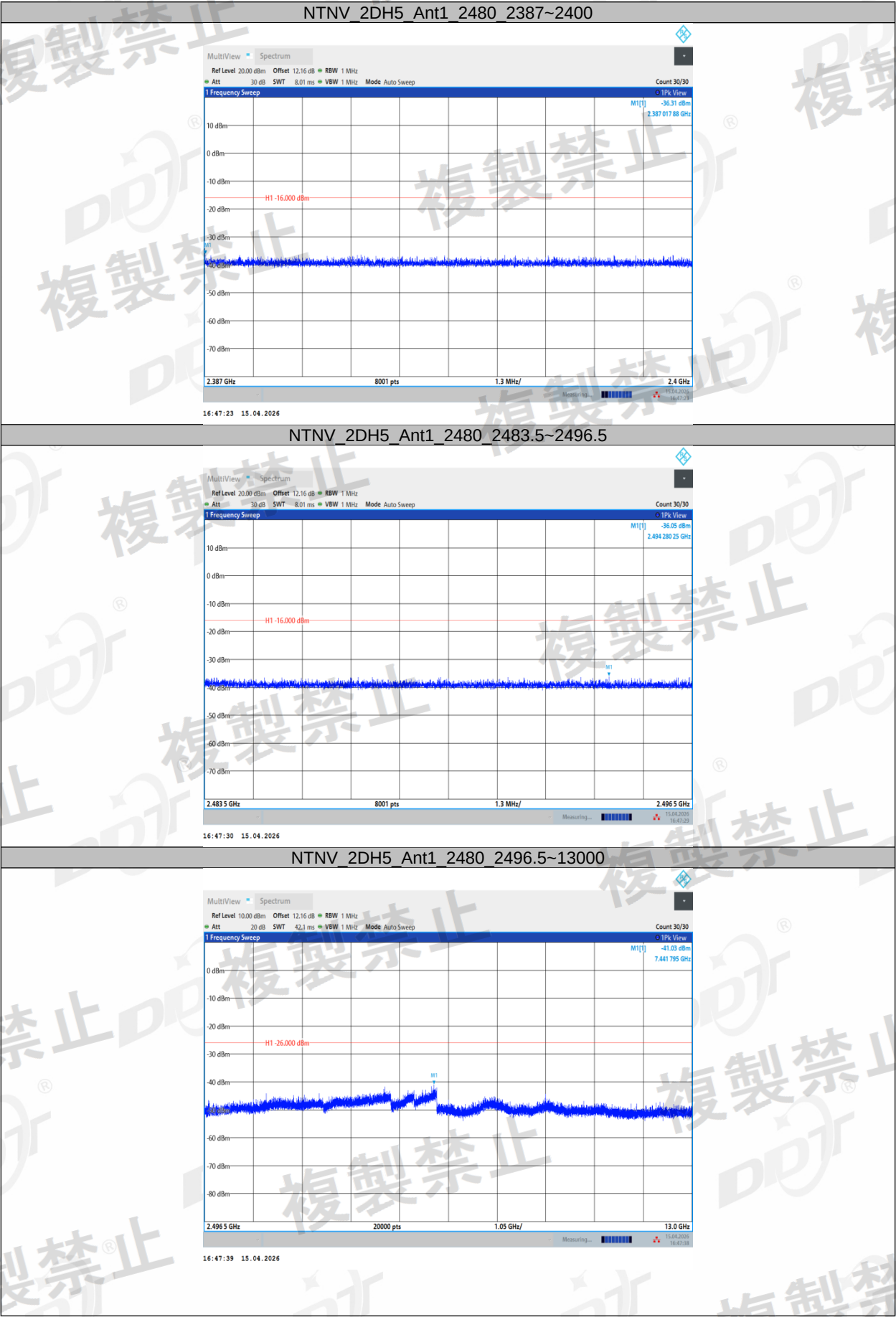


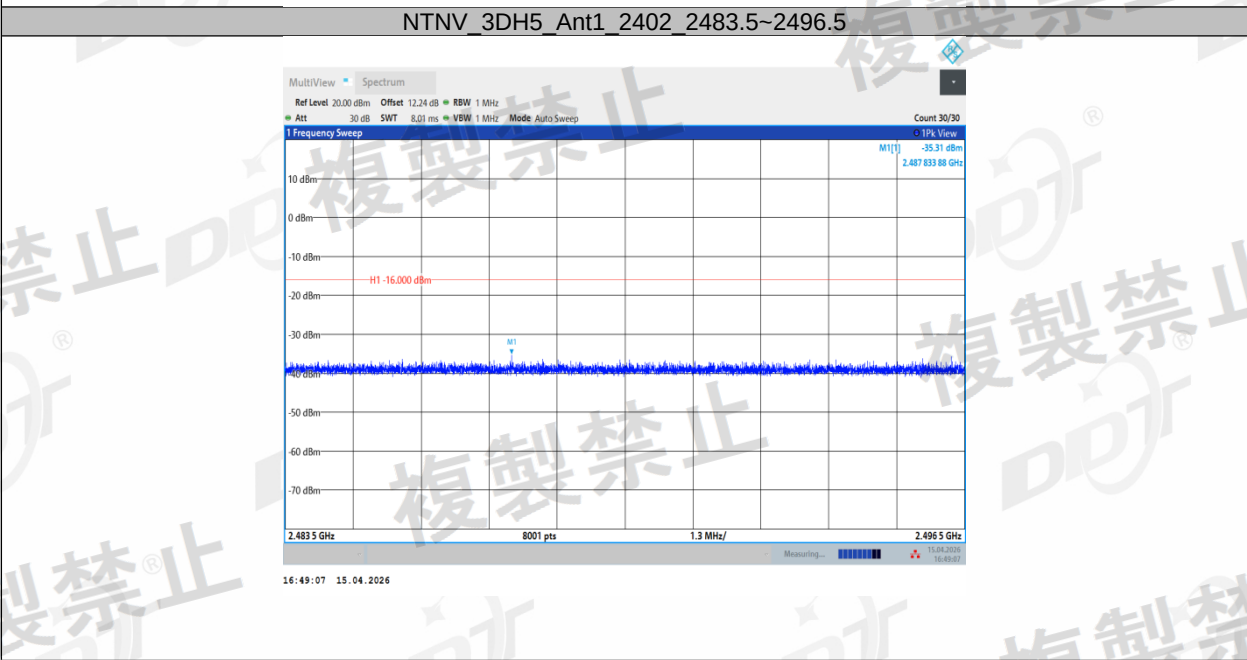
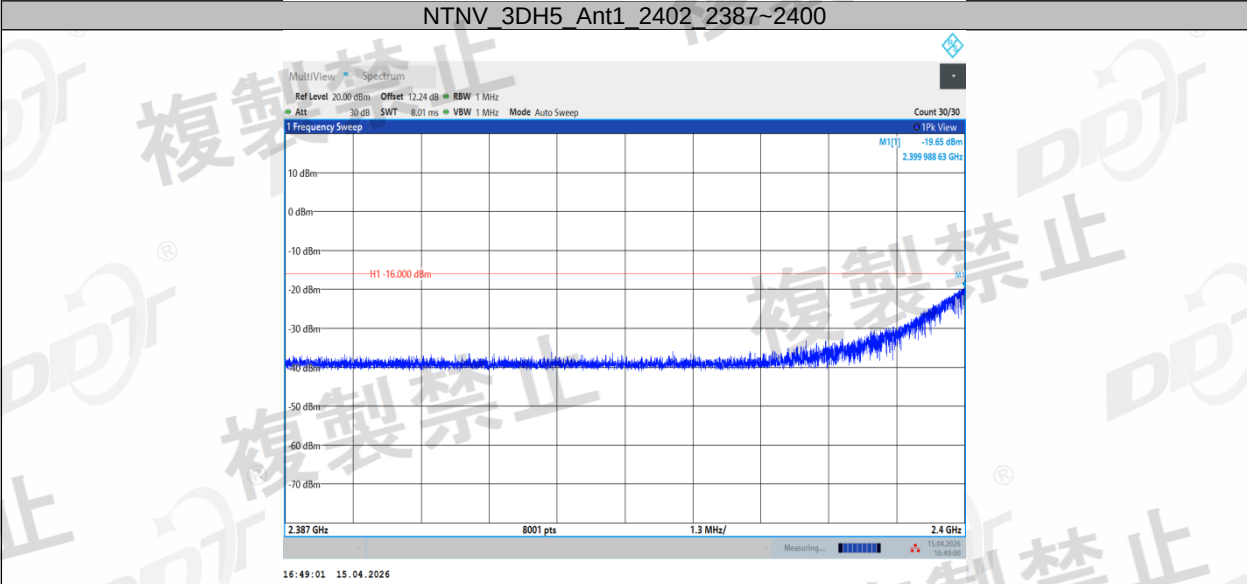
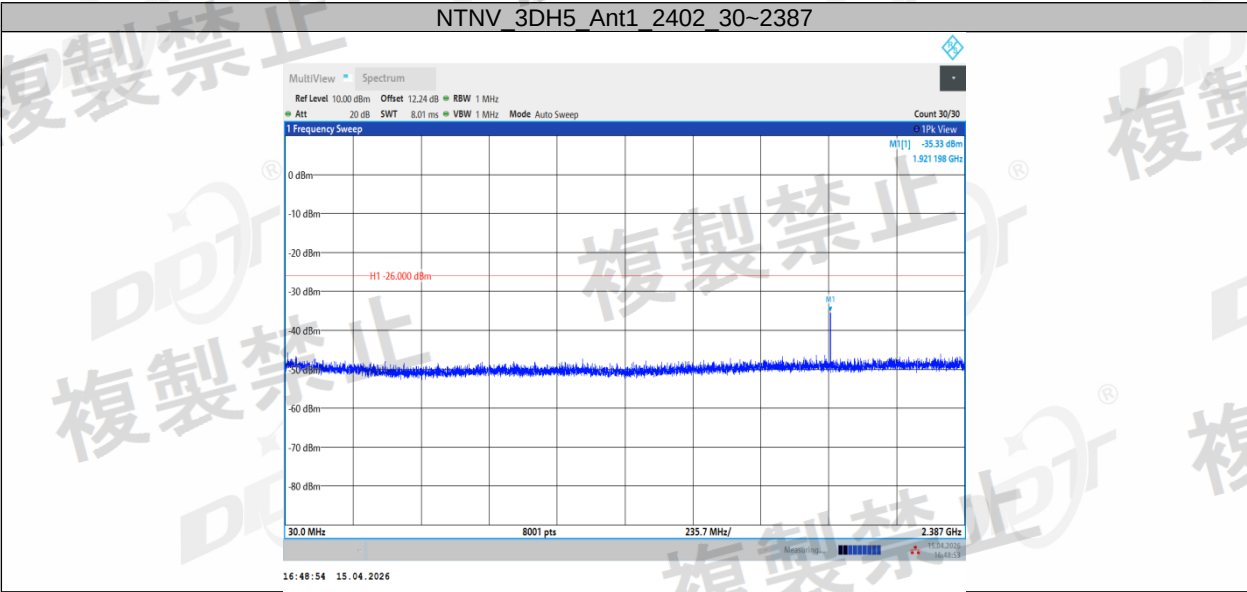


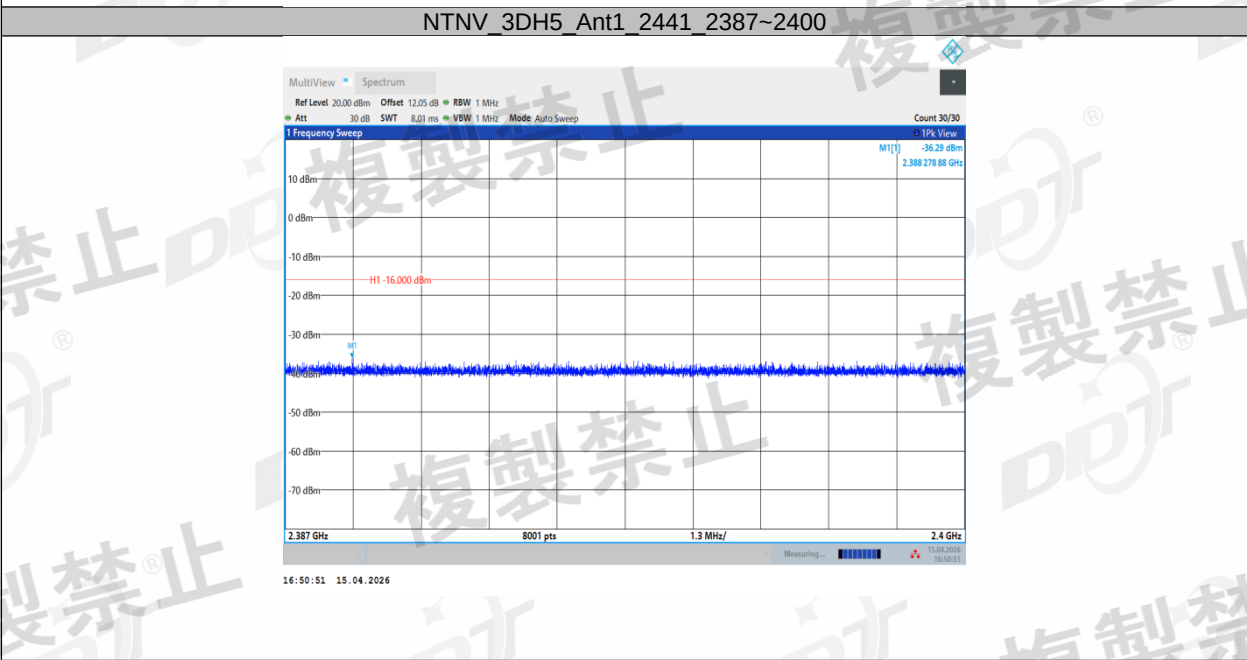
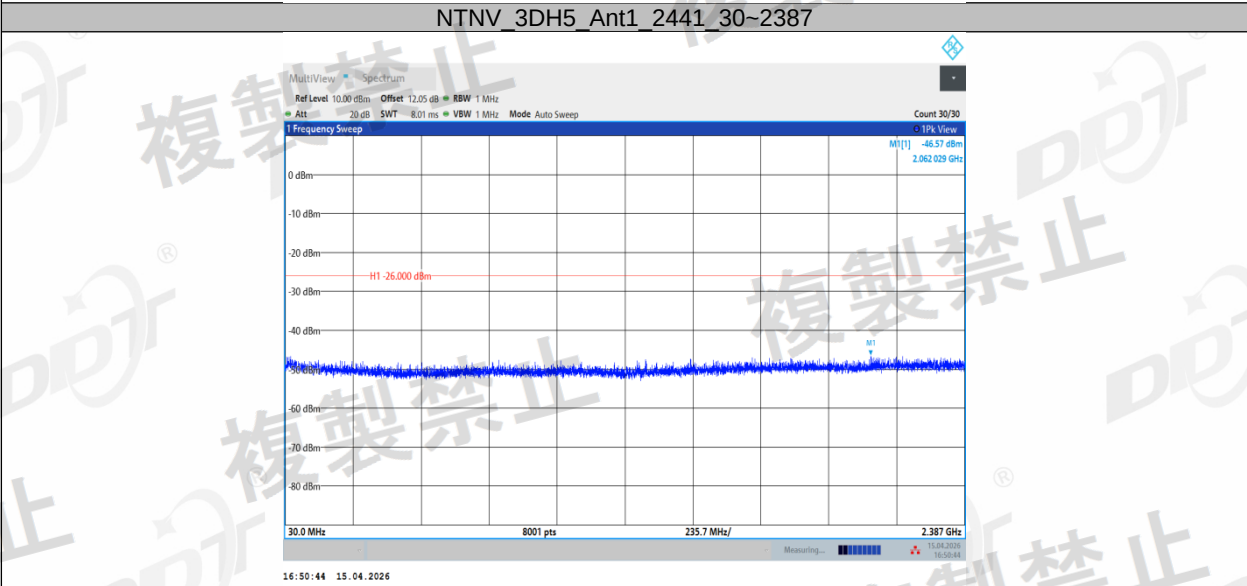
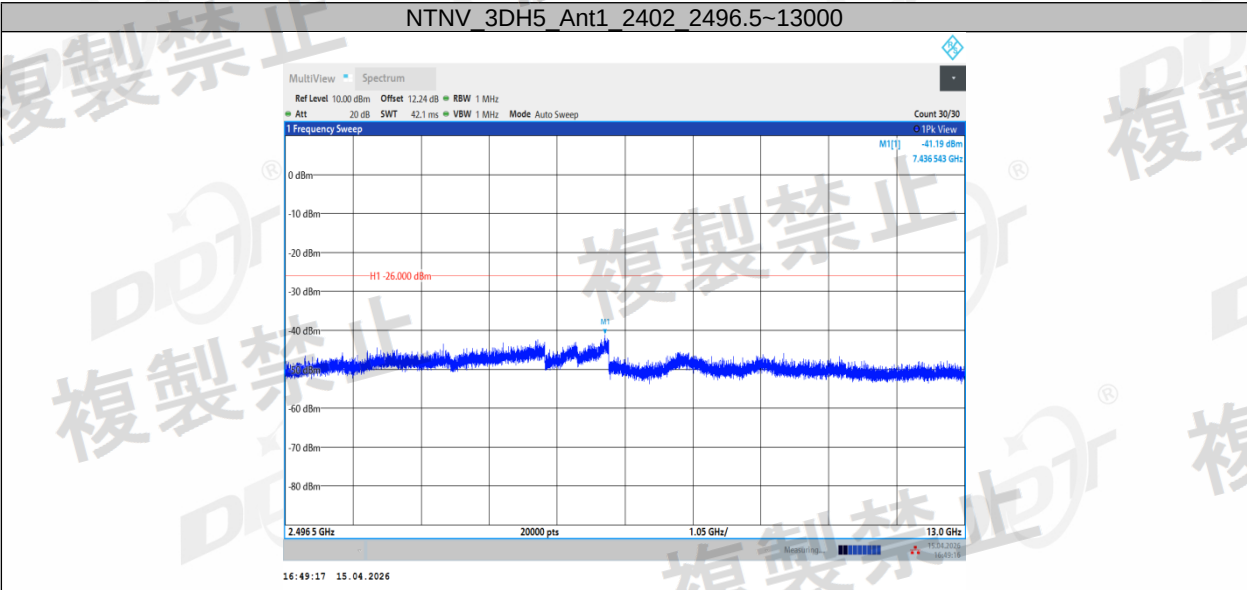


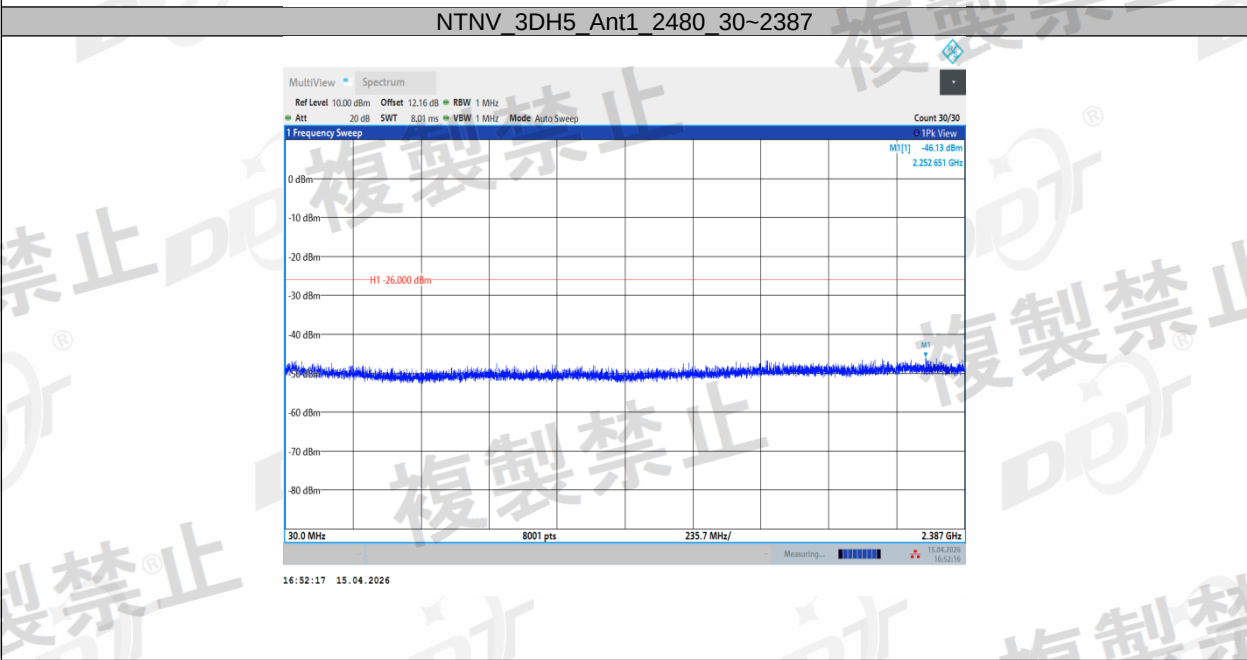
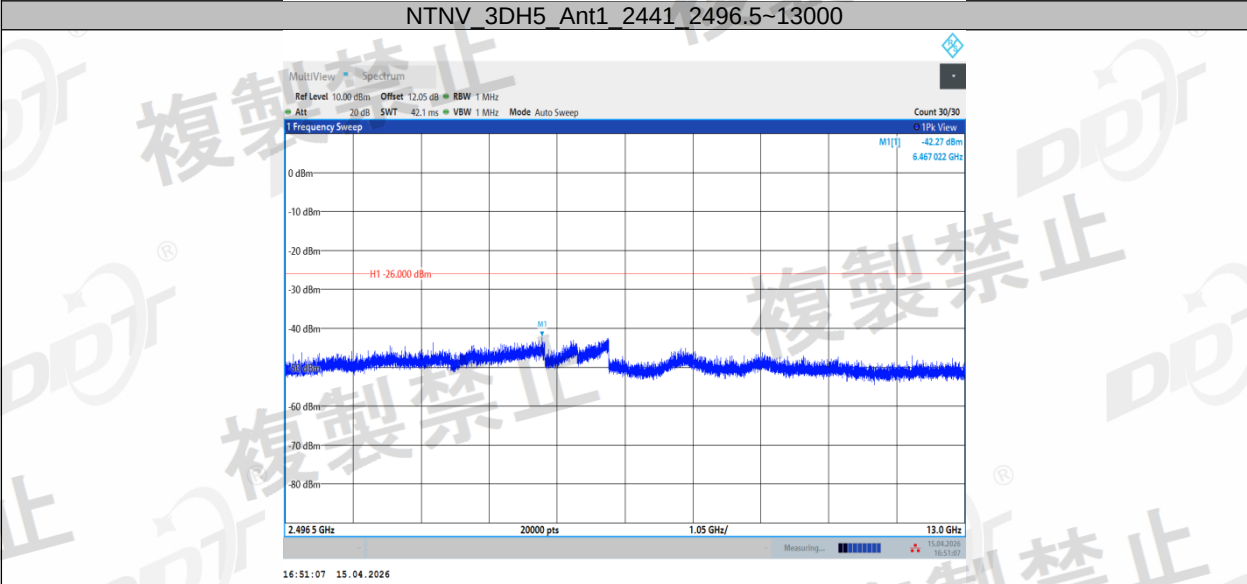
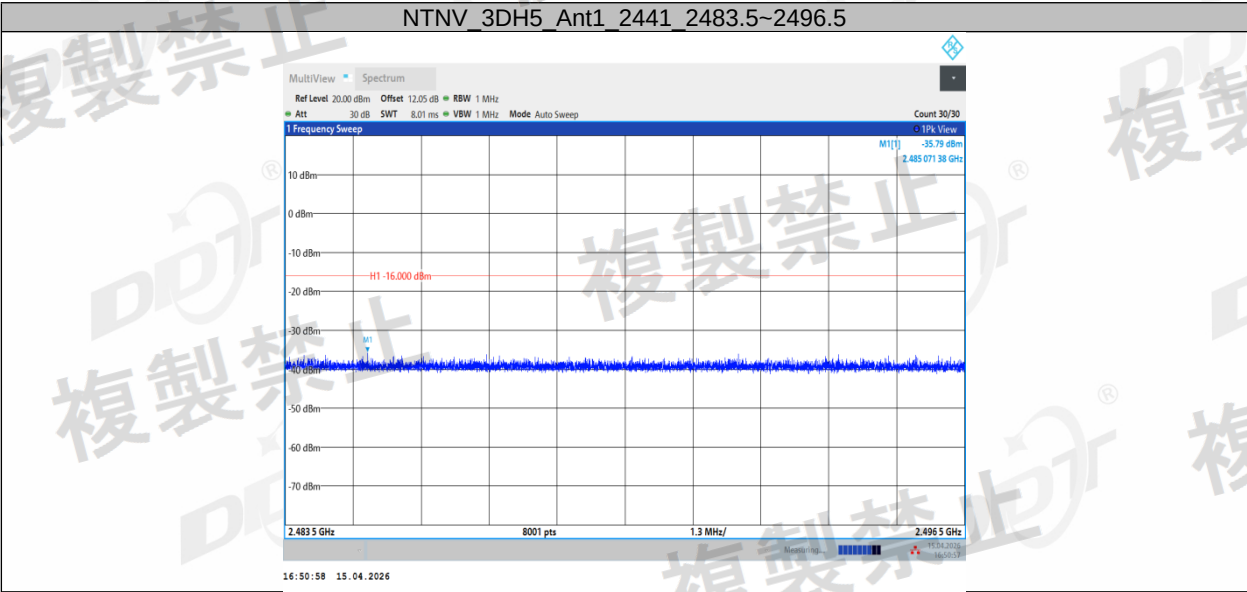


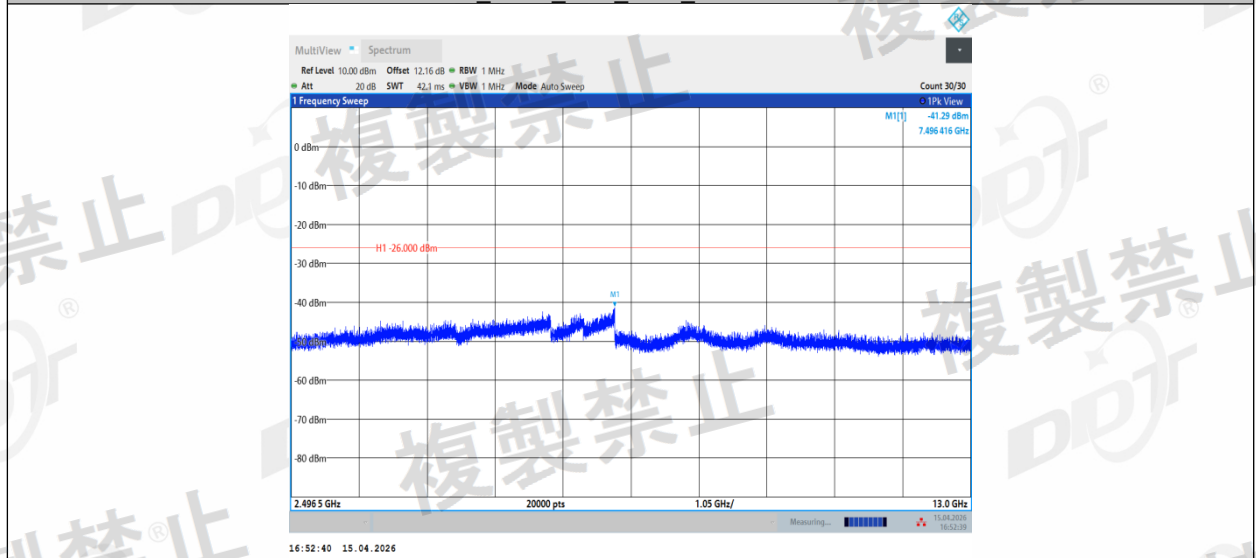
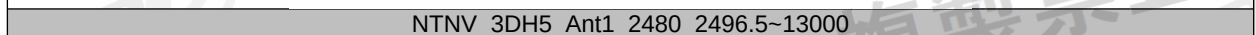
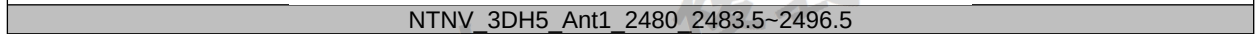










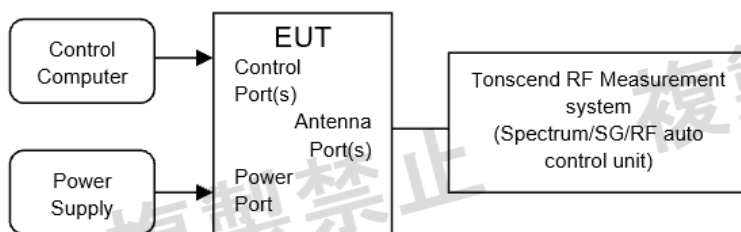


10. Secondary Radiated Emissions

10.1. Limit

The limit on secondary emissions radiated from the receiving equipment within which the function of other radio equipment will not be impaired shall be, in terms of the power of a dummy antenna circuit that has the same electrical constant as the receiving antenna, 4 nW or less at a frequency below 1 GHz and 20 nW or less at a frequency of 1 GHz or higher as measured using the circuit.

10.2. Block diagram of test setup



10.3. Test procedure

- (1) Connected the EUT's antenna port to the Spectrum Analyzer by suitable attenuator, set the Spectrum Analyzer as below:

Resolution BW: 100 kHz for frequency below 1 GHz and 1 MHz for frequency above 1 GHz

Video BW: 100 kHz for frequency below 1 GHz and 1 MHz for frequency above 1 GHz

Detector: Peak.

Trace Mode: Max Hold.

- (2) All the emissions from 30 MHz to 13 GHz were measured and record.
- (3) If the searched value is 1/10 or less of the allowable value specified in the Equipment Regulations, the searched value shall be the measured value.
- (4) If the searched value exceeds 1/10 of the allowable value specified in the equipment Regulations, the frequency sweep width is gradually narrowed to about 10 times the resolution bandwidth in order to improve the setting accuracy of the center frequency of the spectrum analyzer. Then, measure the secondary emission frequency, set the spectrum analyzer as below, perform averaging, and measure the secondary emission power.

Span: 0Hz

Resolution BW: 100kHz for frequency below 1GHz and 1MHz for frequency above 1GHz.

Video BW: Same with Resolution BW

Detector: Sample

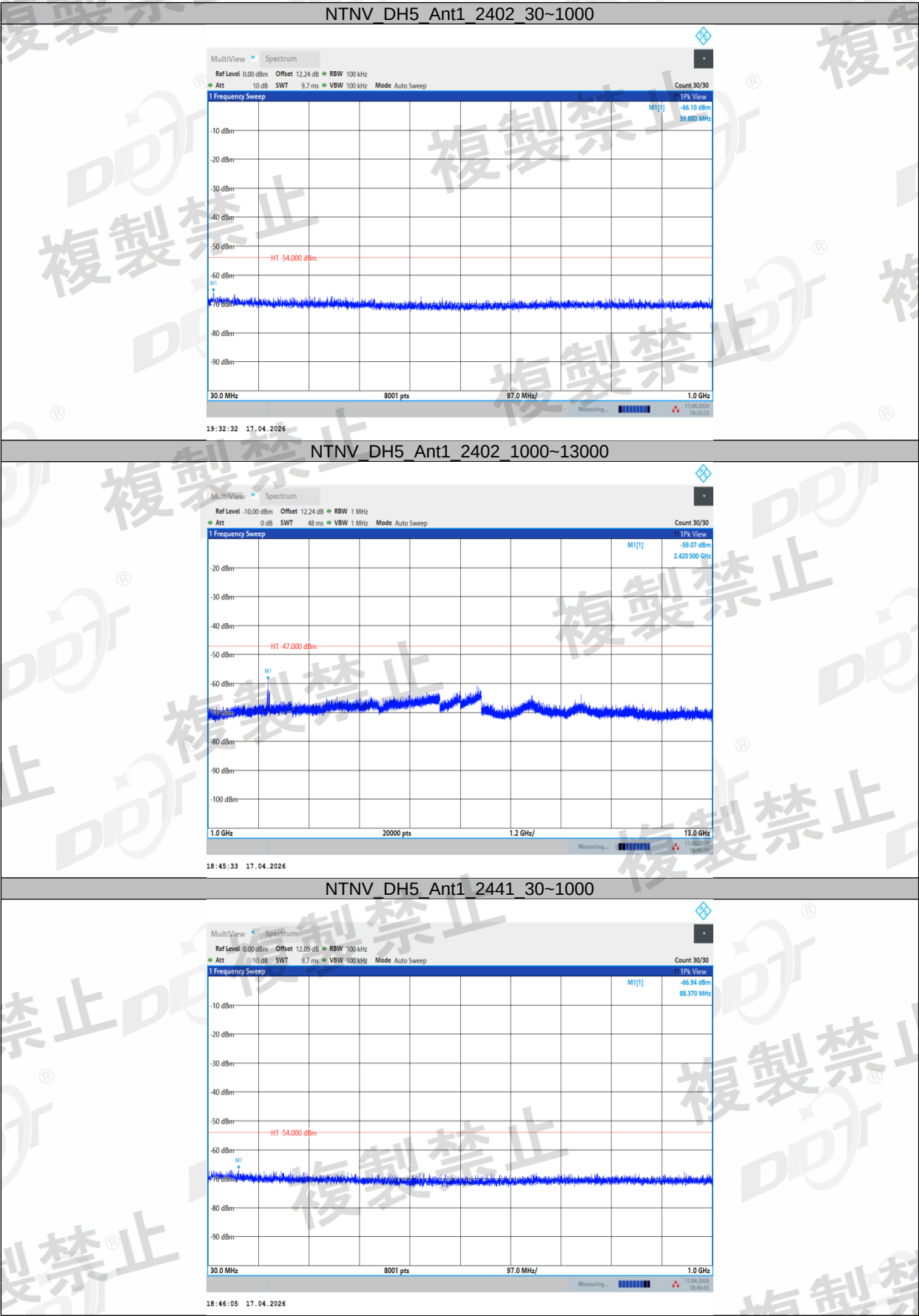
Trace Mode: Max. Hold

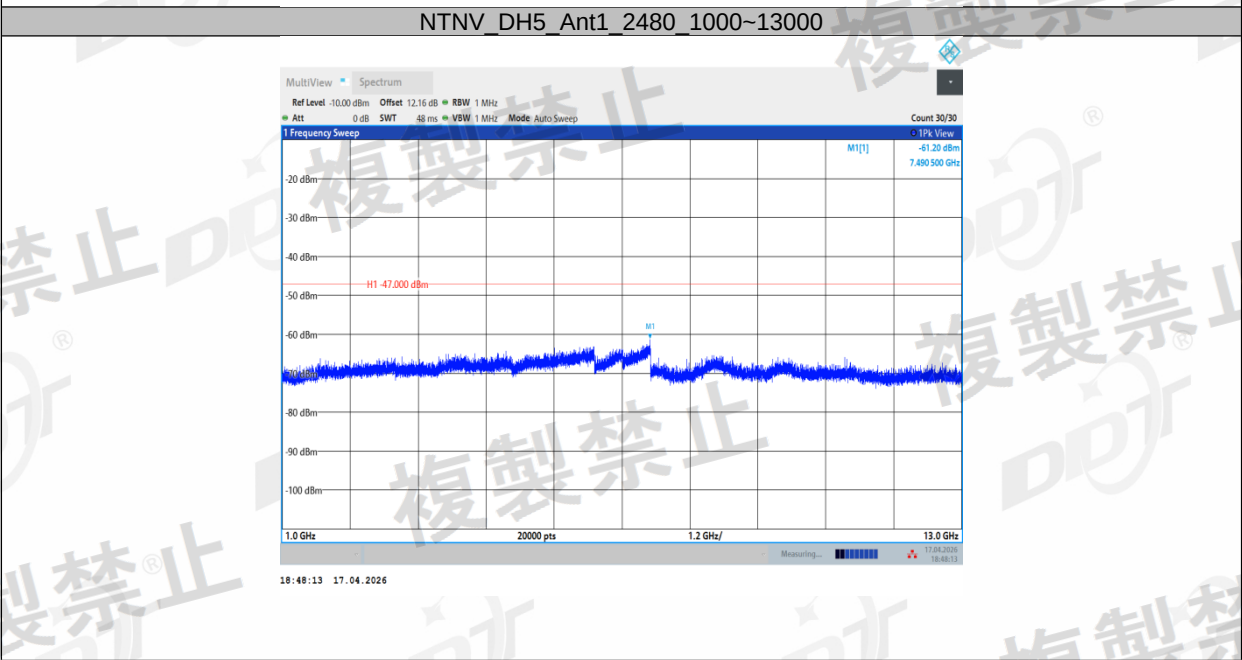
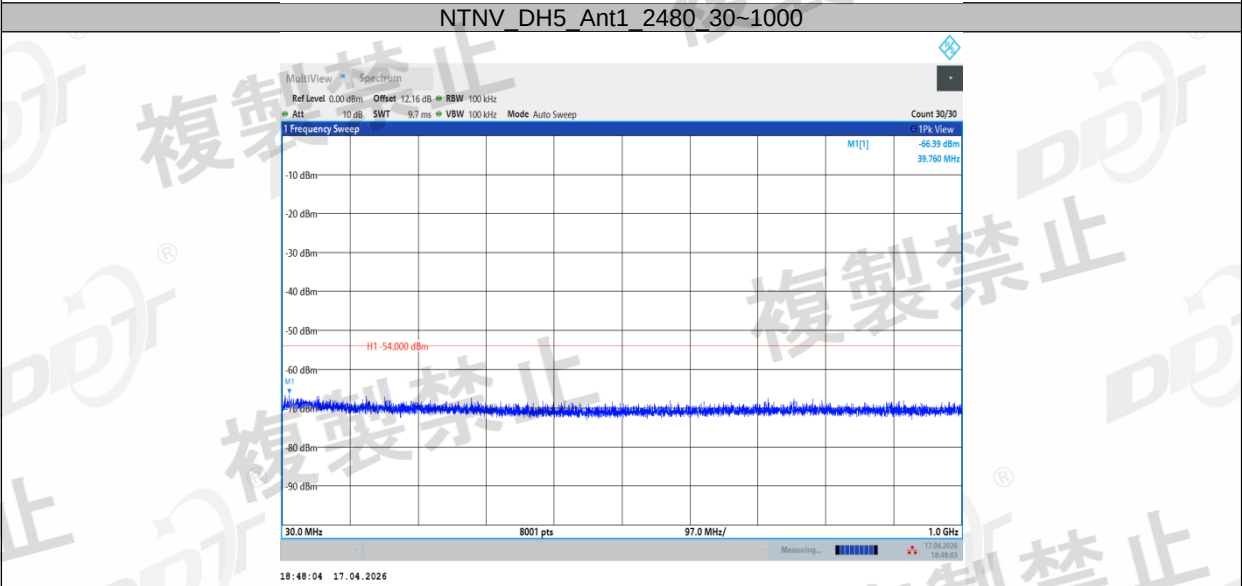
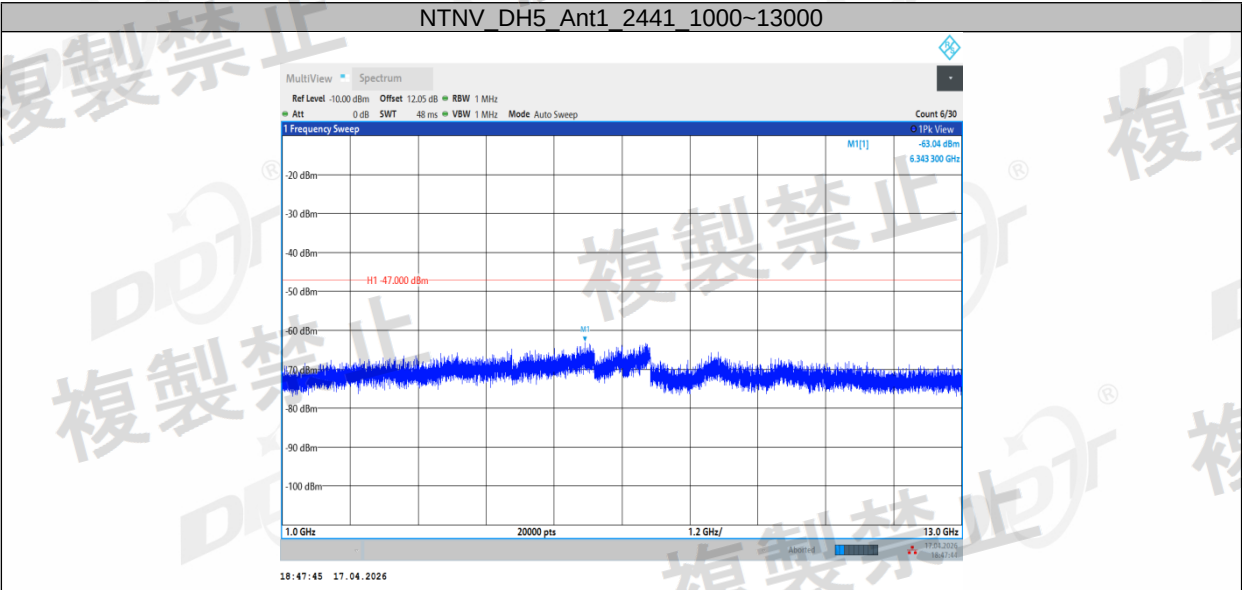
10.4. Test result

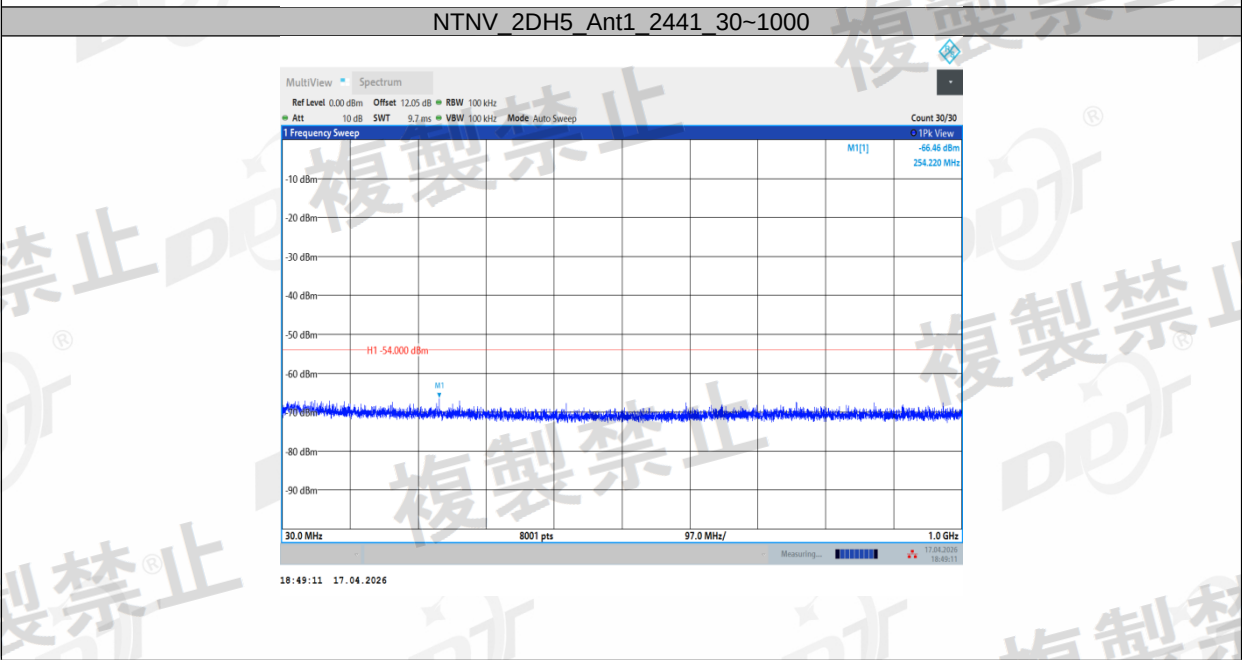
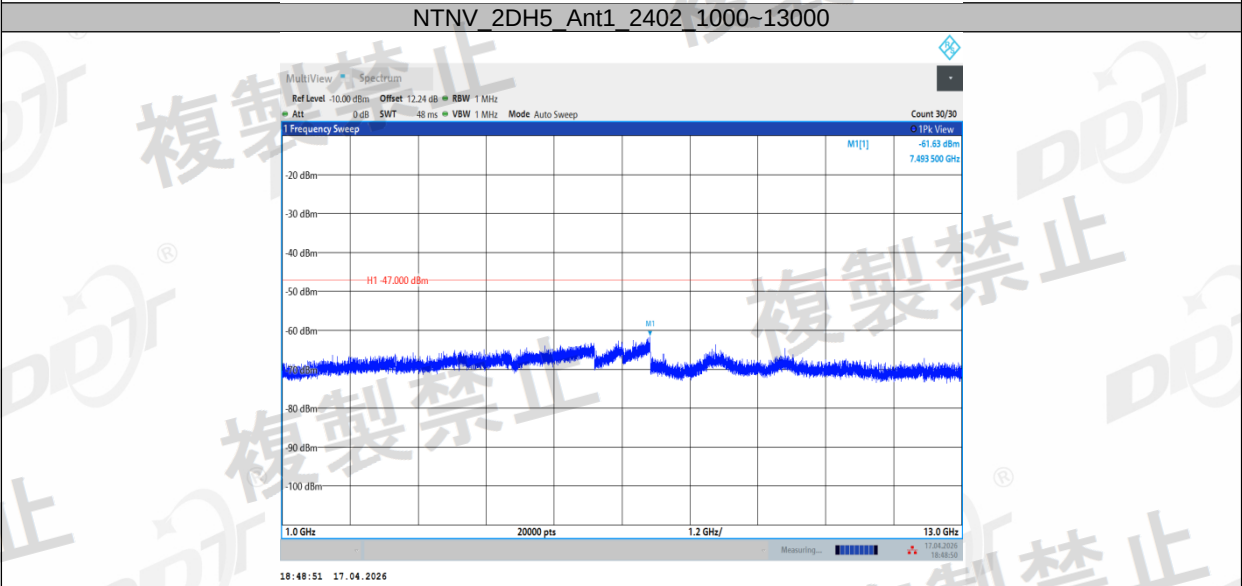
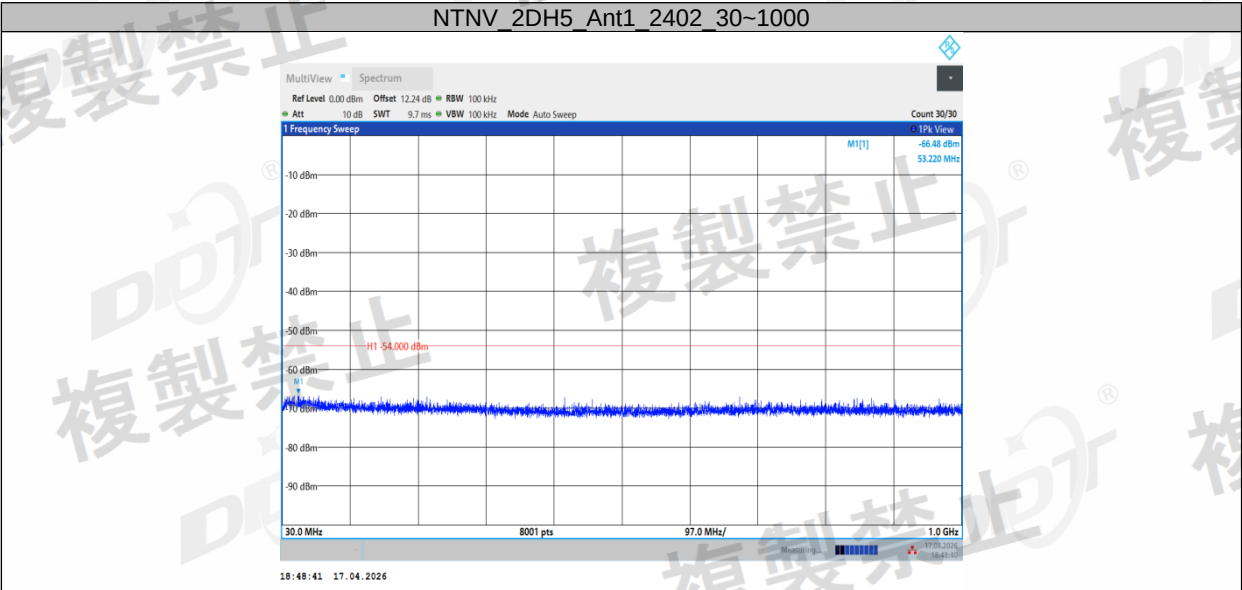
Test Engineer:	Haung Yanwen	Test Site:	RF Measurement system 4#
Ambient Condition:	24.6-26.5℃,44.2-47.6%RH	Test Date:	2026.04.15-2026.04.20
Test Power Supply:	AC 100V	Sample Number:	S25101028-006

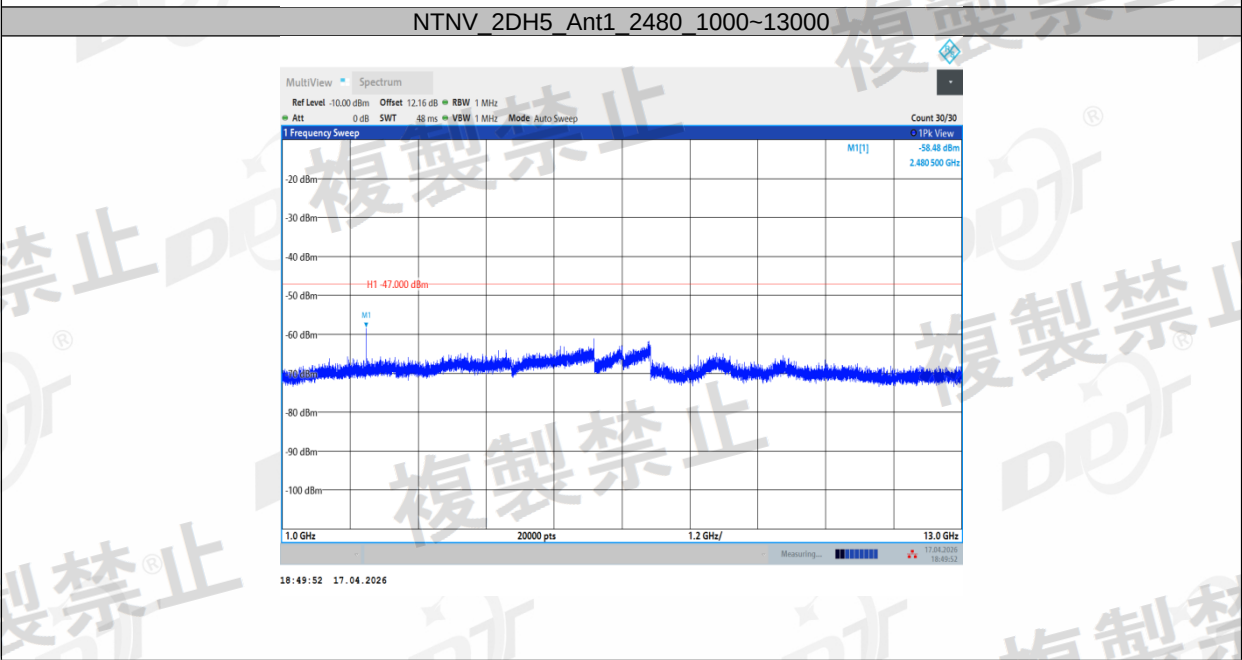
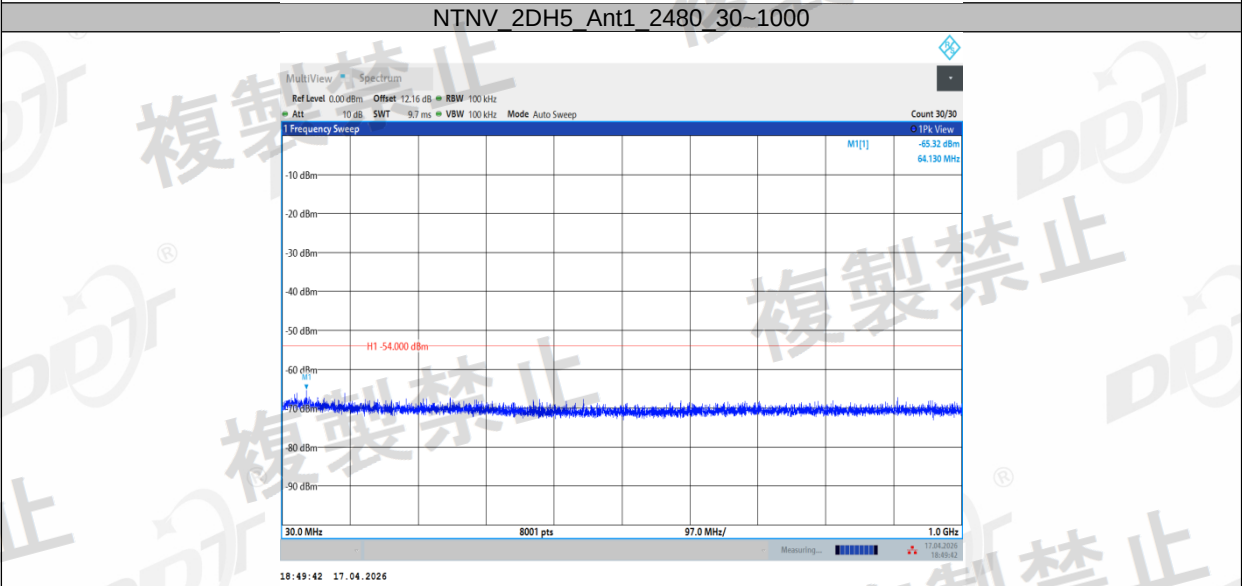
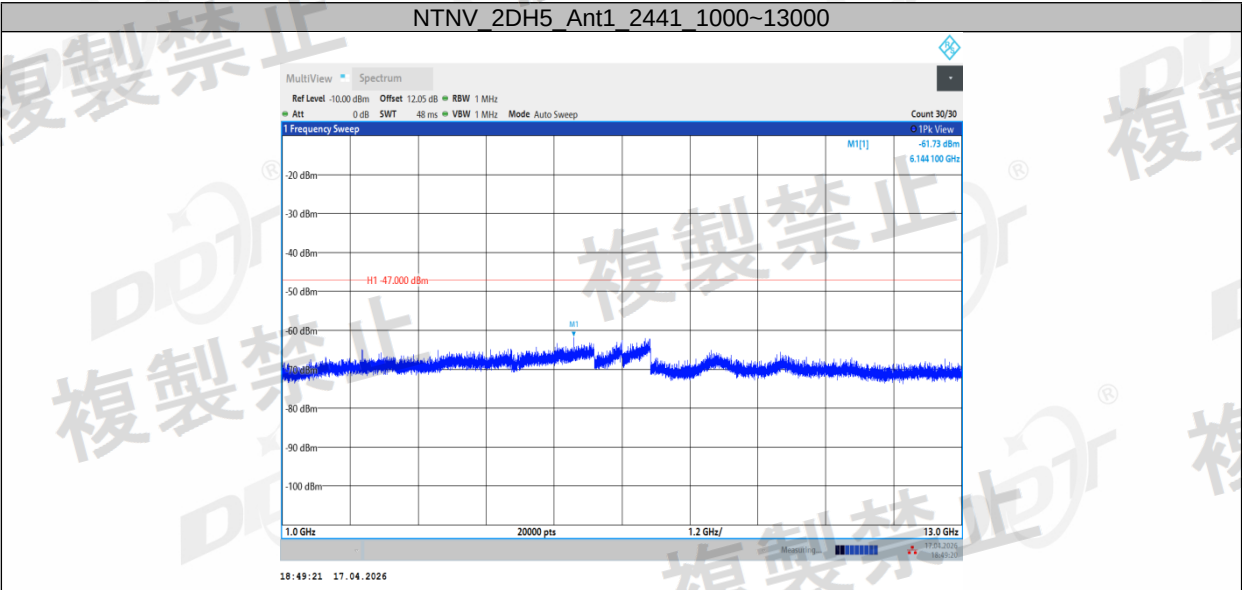
Test Condition	Test Mode	Antenna	Frequency (MHz)	Frequency Range [MHz]	Result [dBm]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	DH5	Ant1	2402	30~1000	-66.1	≤-54	0.24547	≤4	PASS
				1000~13000	-59.07	≤-47	1.23880	≤20	PASS
			2441	30~1000	-66.94	≤-54	0.20230	≤4	PASS
				1000~13000	-63.04	≤-47	0.49659	≤20	PASS
			2480	30~1000	-66.39	≤-54	0.22961	≤4	PASS
				1000~13000	-61.2	≤-47	0.75858	≤20	PASS
	2DH5	Ant1	2402	30~1000	-66.48	≤-54	0.22491	≤4	PASS
				1000~13000	-61.63	≤-47	0.68707	≤20	PASS
			2441	30~1000	-66.46	≤-54	0.22594	≤4	PASS
				1000~13000	-61.73	≤-47	0.67143	≤20	PASS
			2480	30~1000	-65.32	≤-54	0.29376	≤4	PASS
				1000~13000	-58.48	≤-47	1.41906	≤20	PASS
	3DH5	Ant1	2402	30~1000	-66.48	≤-54	0.22491	≤4	PASS
				1000~13000	-60.86	≤-47	0.82035	≤20	PASS
			2441	30~1000	-66.48	≤-54	0.22491	≤4	PASS
				1000~13000	-57.65	≤-47	1.71791	≤20	PASS
			2480	30~1000	-66.44	≤-54	0.22699	≤4	PASS
				1000~13000	-57.03	≤-47	1.98153	≤20	PASS

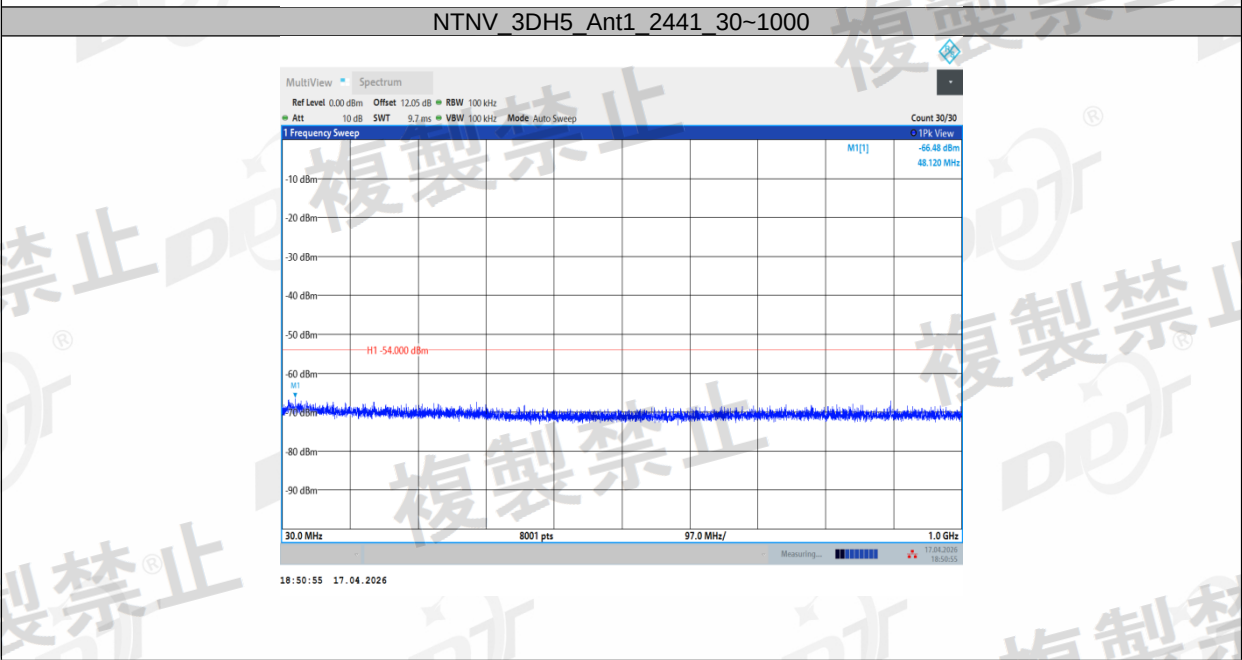
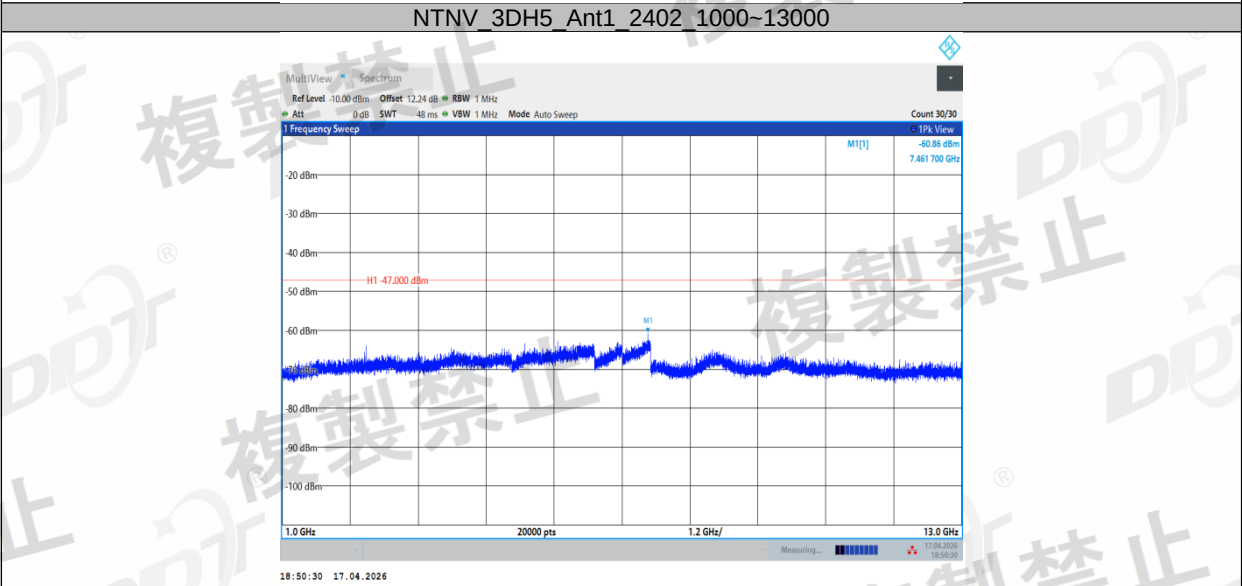
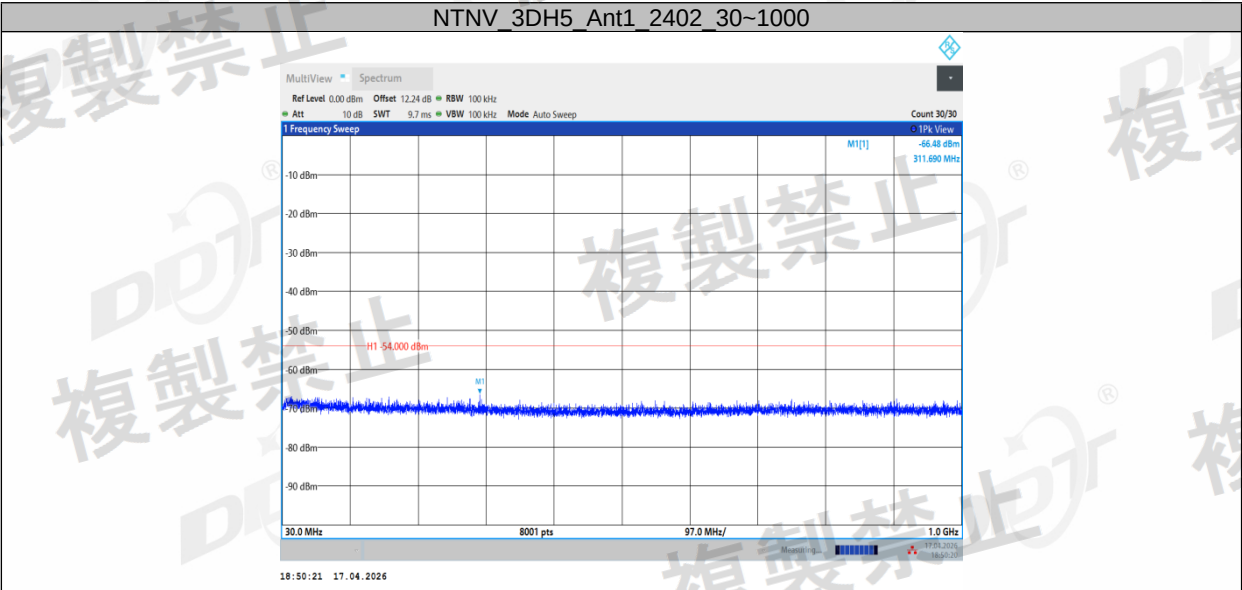
10.5. Test graphs

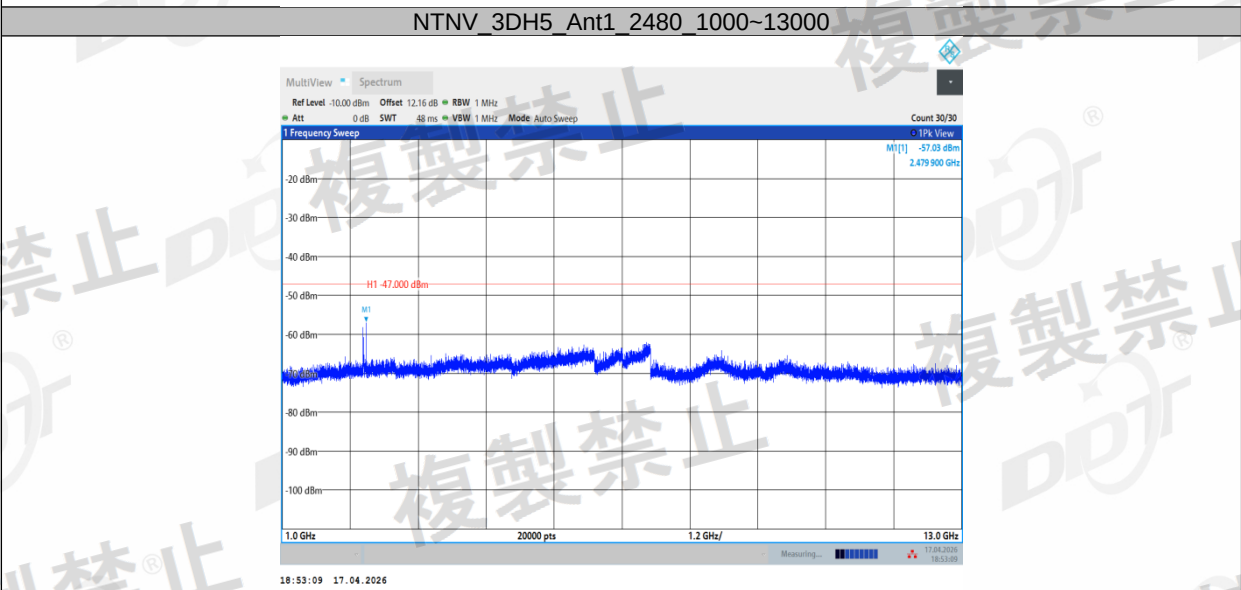
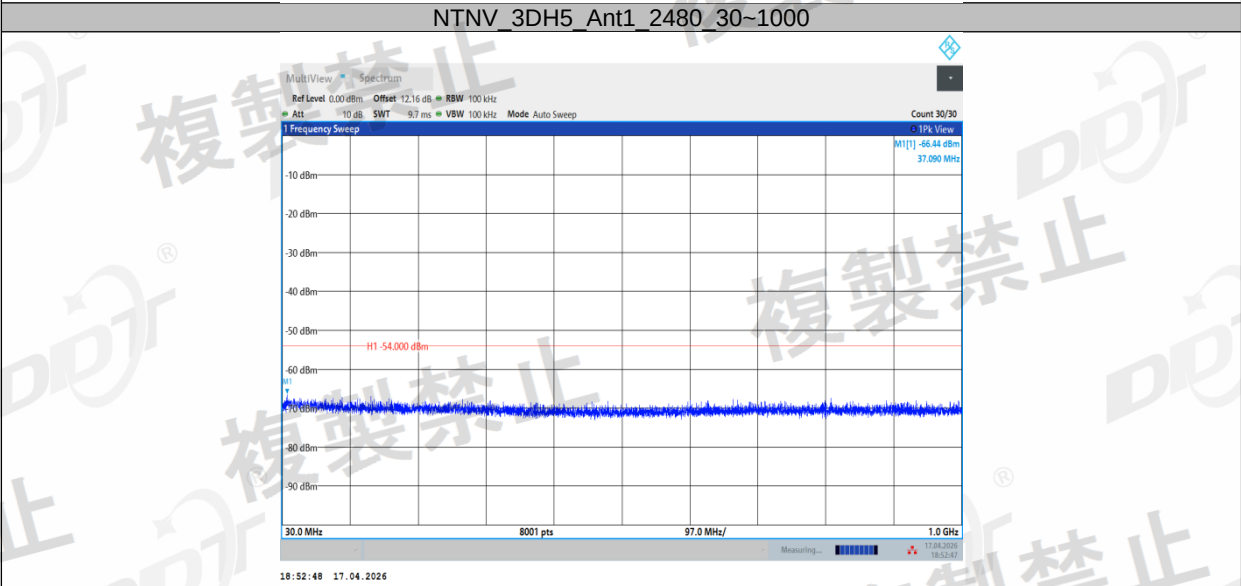
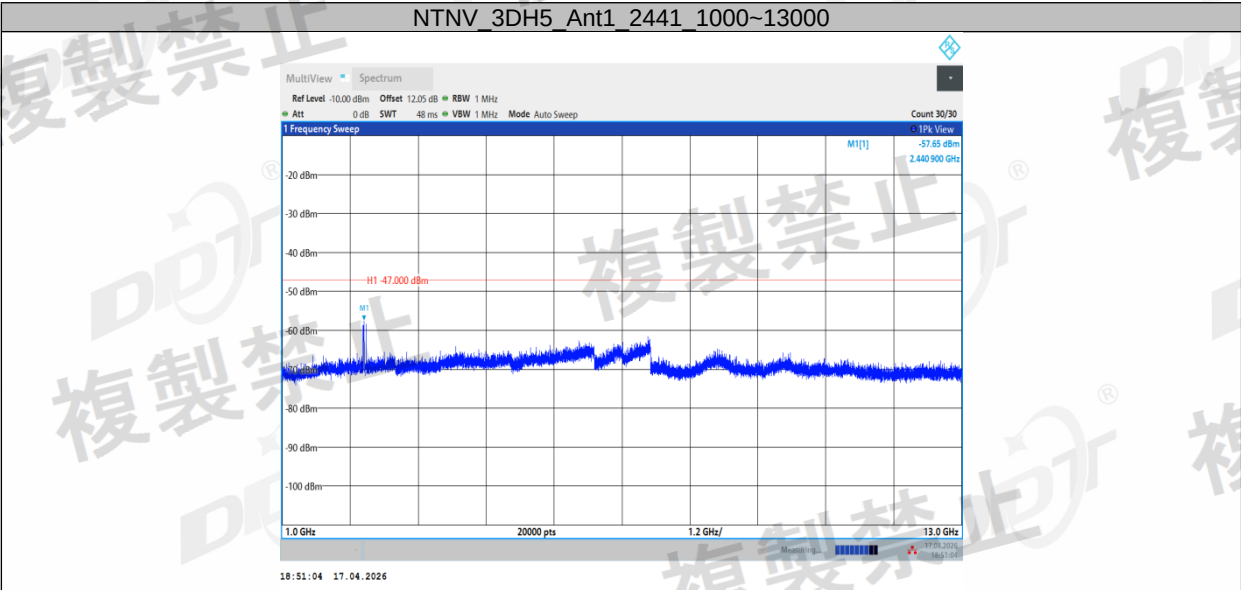










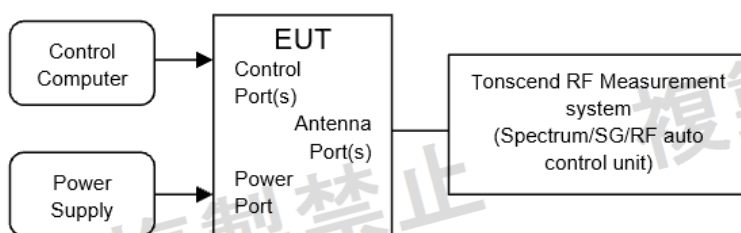


11. Dwell Time

11.1. Limit

Frequency dwell time (time during which radio waves continue to be emitted at a specified frequency) of a transmitting equipment using the FHSS system shall be 0.4 seconds or less.

11.2. Block diagram of test setup



11.3. Test procedure

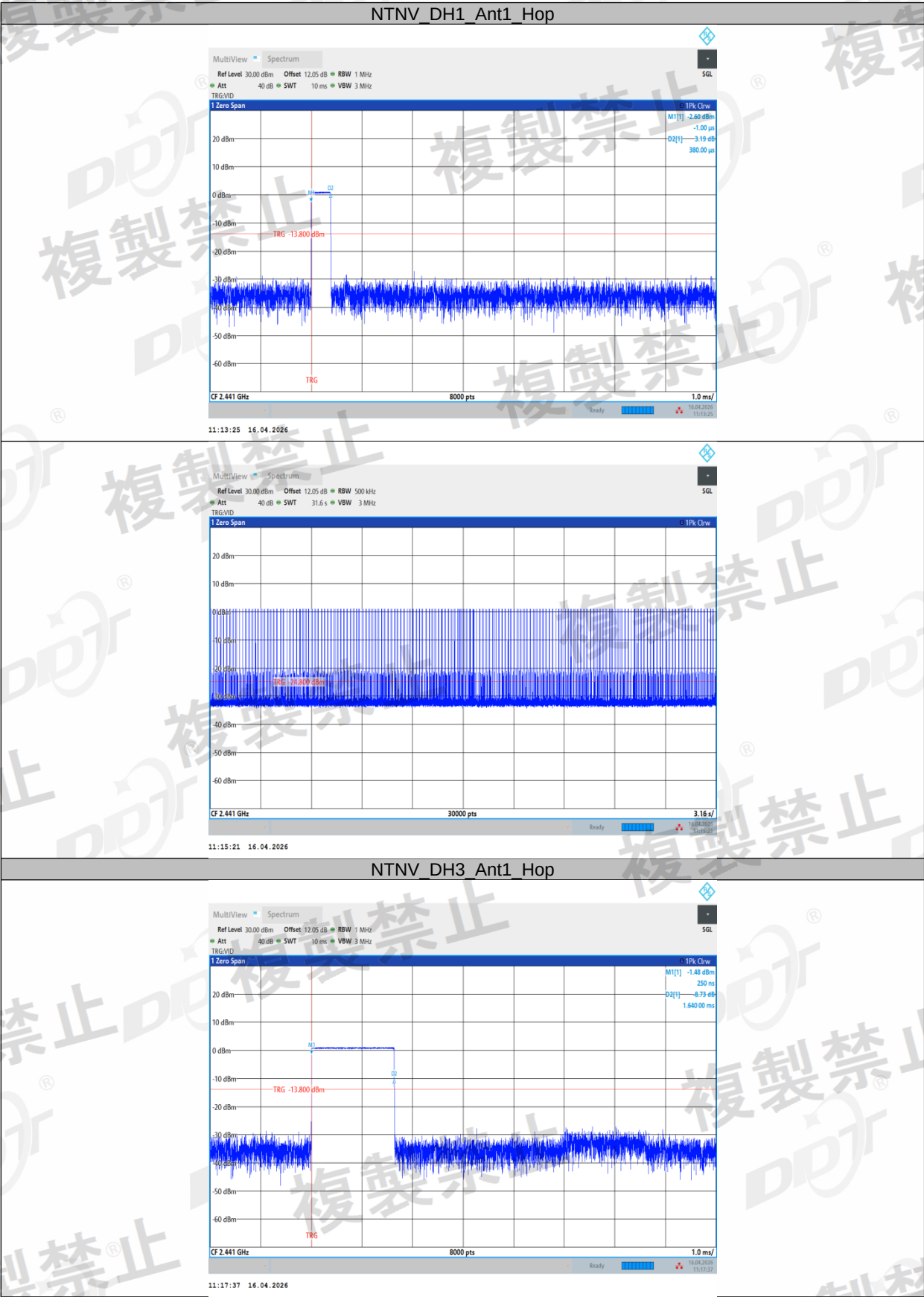
- (1) Connect EUT's antenna output to spectrum analyzer by RF cable.
- (2) The test period: $T = 0.4 \text{ Second/Channel} \times 79 \text{ Channel} = 31.6 \text{ s}$.
- (3) Measure the hopping number and on time of each pulse with spectrum analyzer in zero span set, and calculate dwell time with formula $\text{Dwell time} = \text{total hops} \times \text{pulse's on time}$.

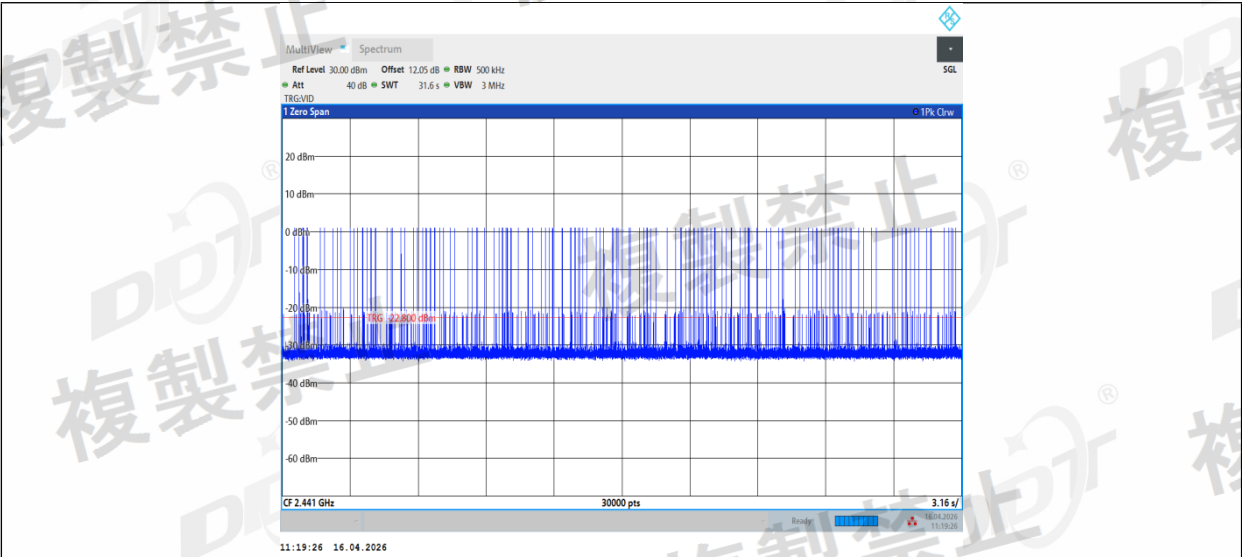
11.4. Test result

Test Engineer:	Haung Yanwen	Test Site:	RF Measurement system 4#
Ambient Condition:	24.6-26.5℃,44.2-47.6%RH	Test Date:	2026.04.15-2026.04.20
Test Power Supply:	AC 100V	Sample Number:	S25101028-006

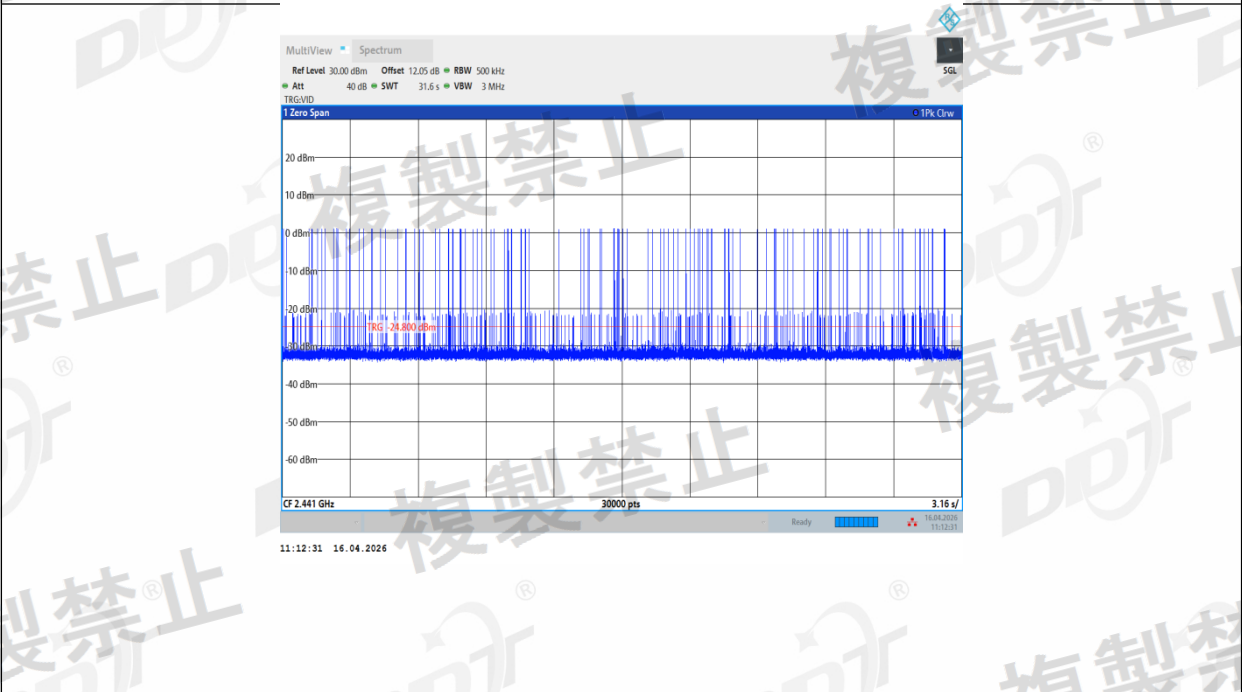
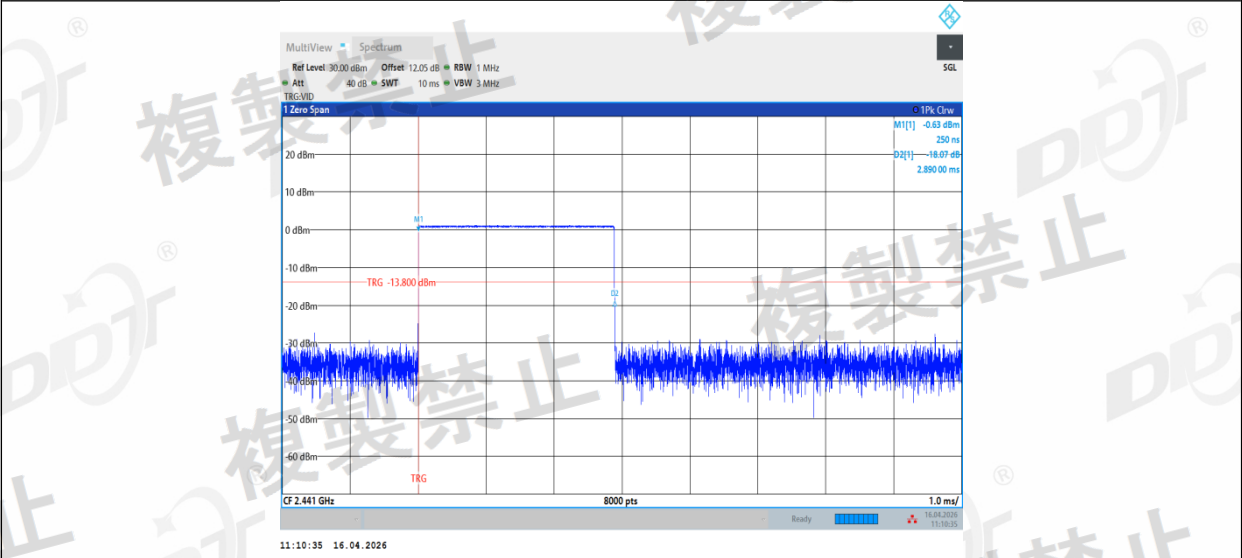
Test Condition	Test Mode	Antenna	Frequency (MHz)	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
NTNV	DH1	Ant1	Hop	0.38	316	0.12	≤0.4	PASS
	DH3	Ant1	Hop	1.64	150	0.246	≤0.4	PASS
	DH5	Ant1	Hop	2.89	116	0.335	≤0.4	PASS
	2DH1	Ant1	Hop	0.39	319	0.124	≤0.4	PASS
	2DH3	Ant1	Hop	1.64	166	0.272	≤0.4	PASS
	2DH5	Ant1	Hop	2.89	121	0.35	≤0.4	PASS
	3DH1	Ant1	Hop	0.39	321	0.125	≤0.4	PASS
	3DH3	Ant1	Hop	1.64	159	0.261	≤0.4	PASS
	3DH5	Ant1	Hop	2.88	109	0.314	≤0.4	PASS

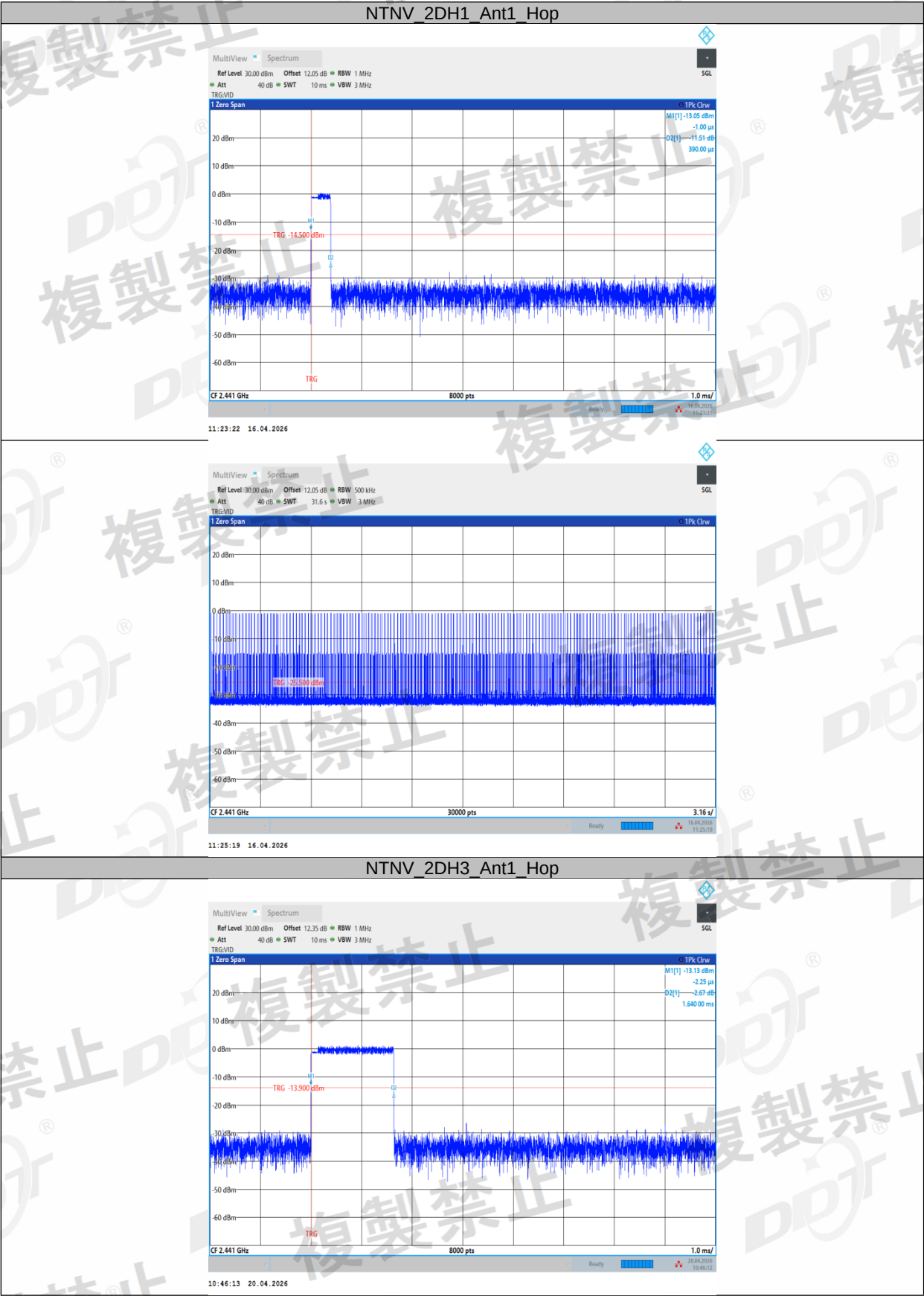
11.5. Test graphs

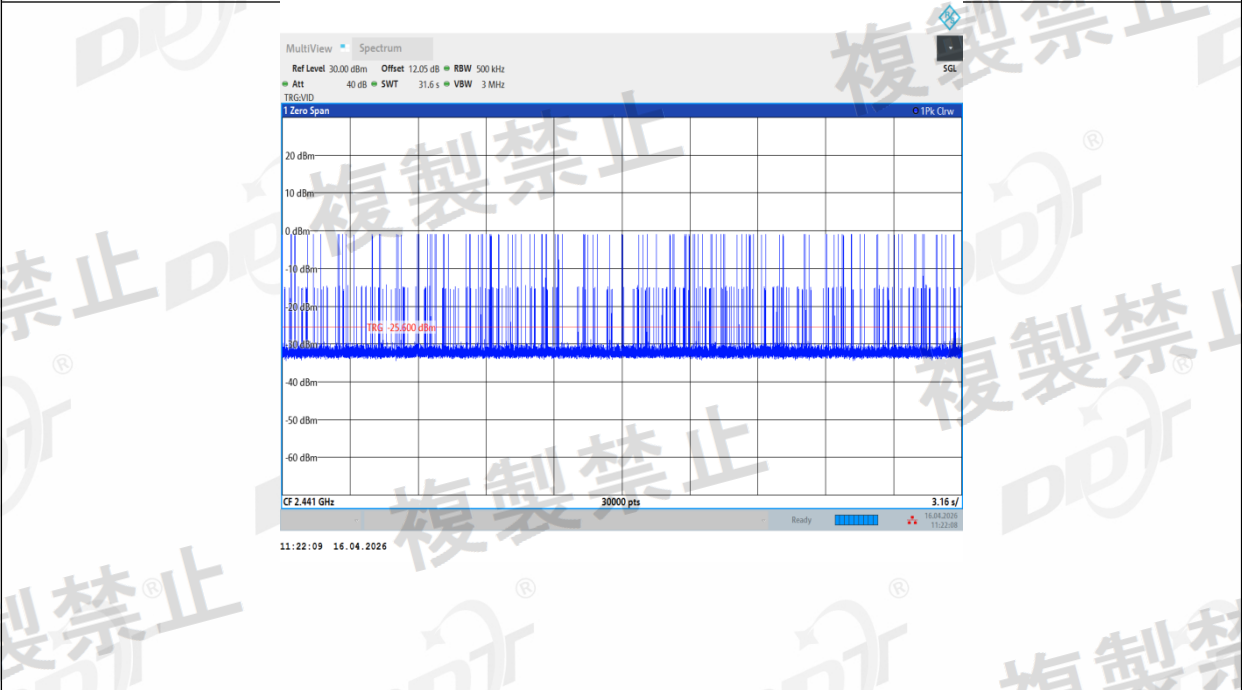
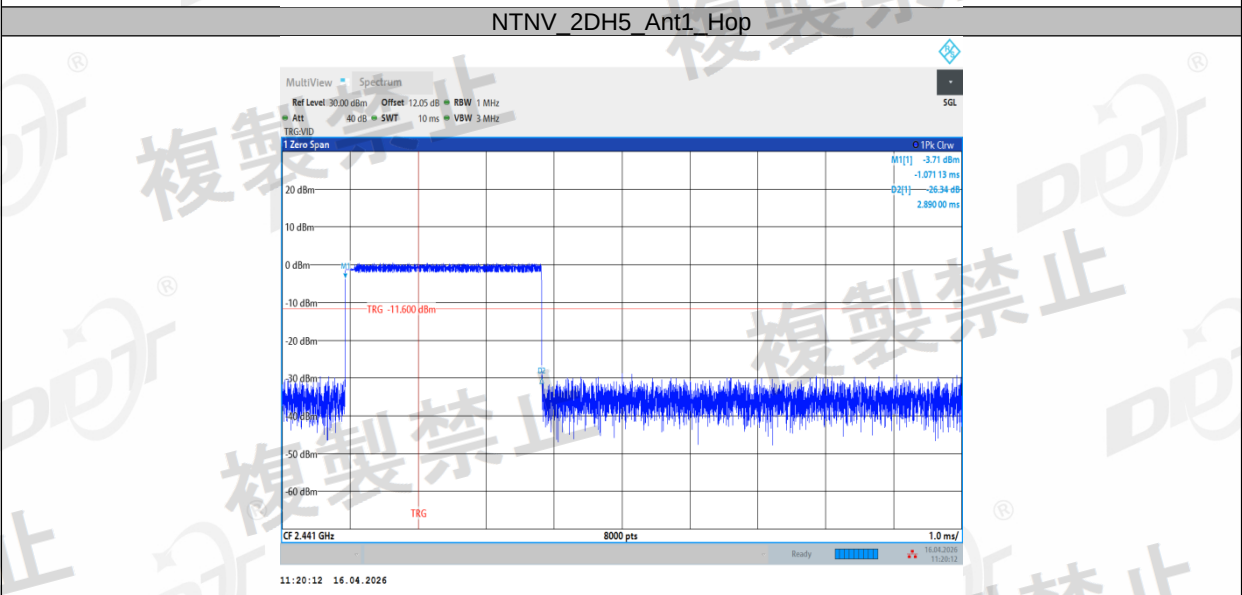
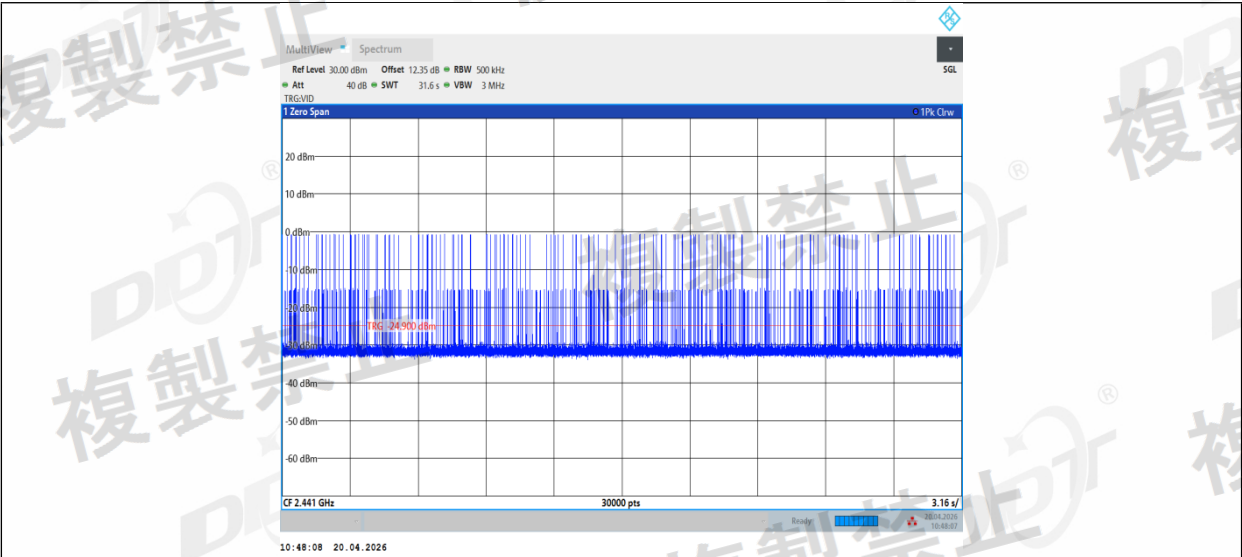


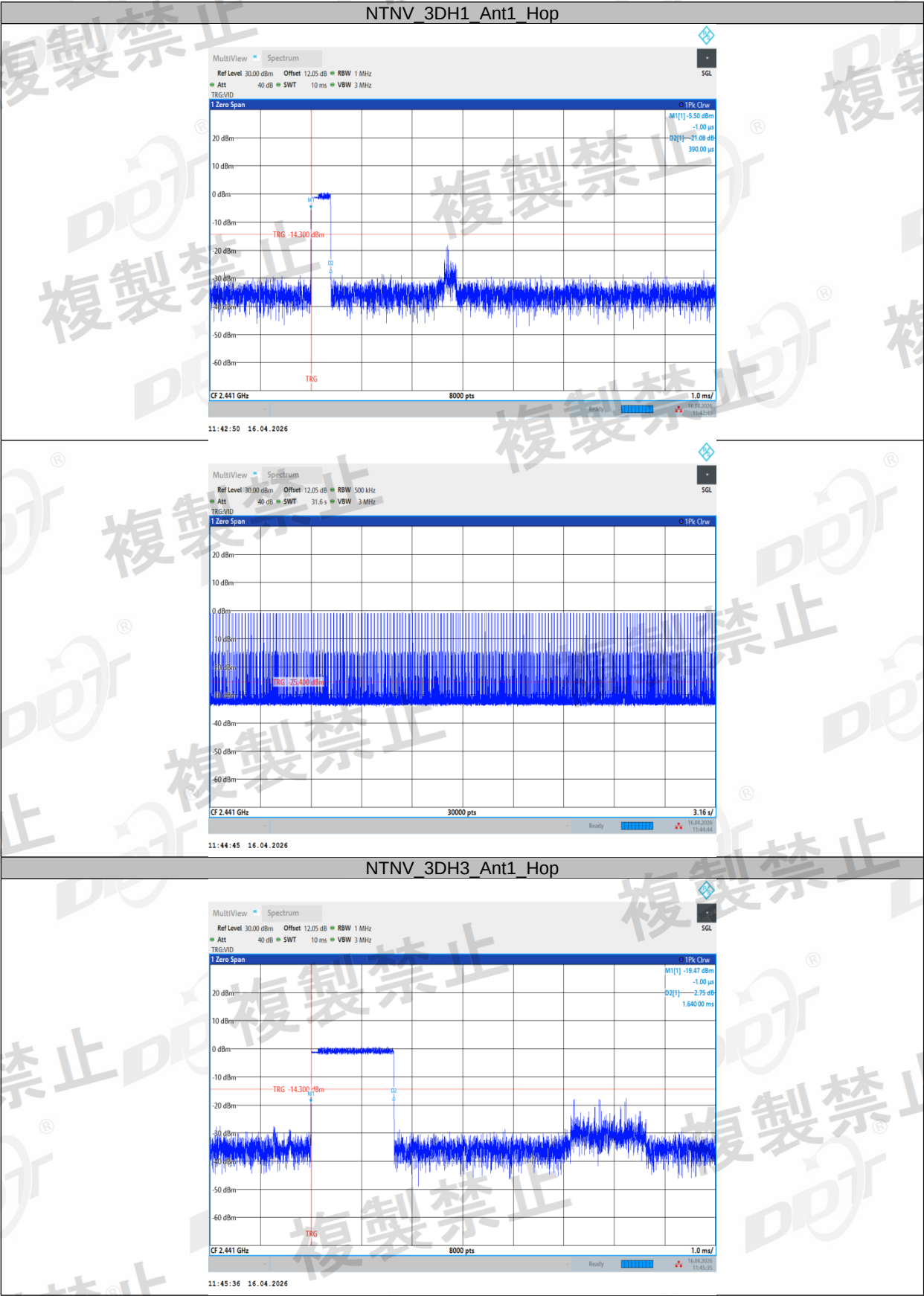


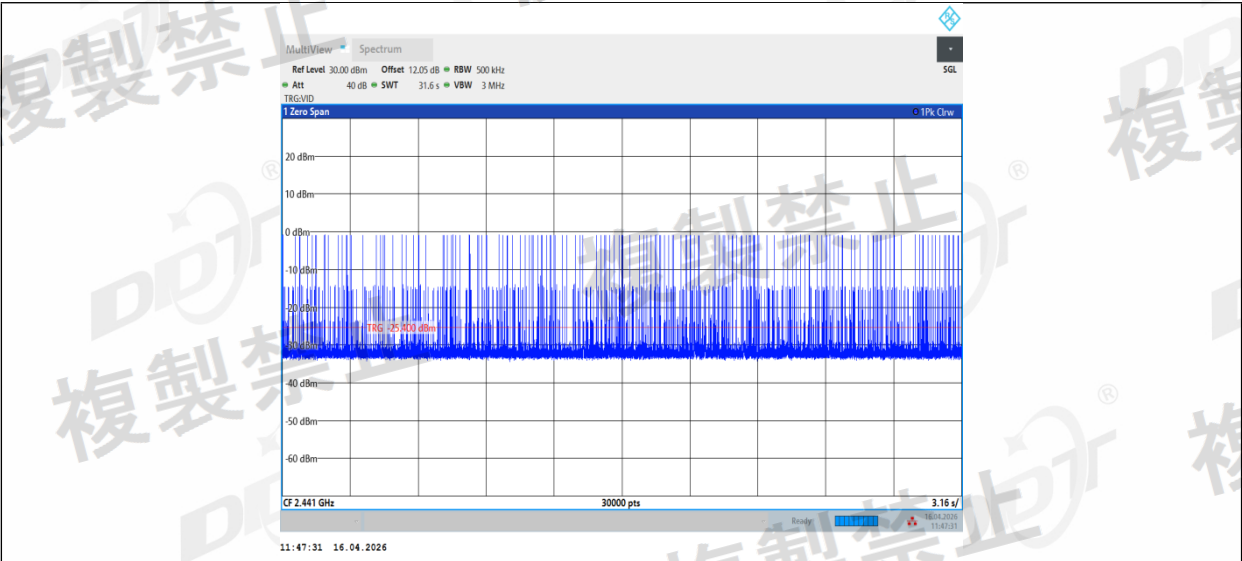
NTVN_DH5_Ant1_Hop



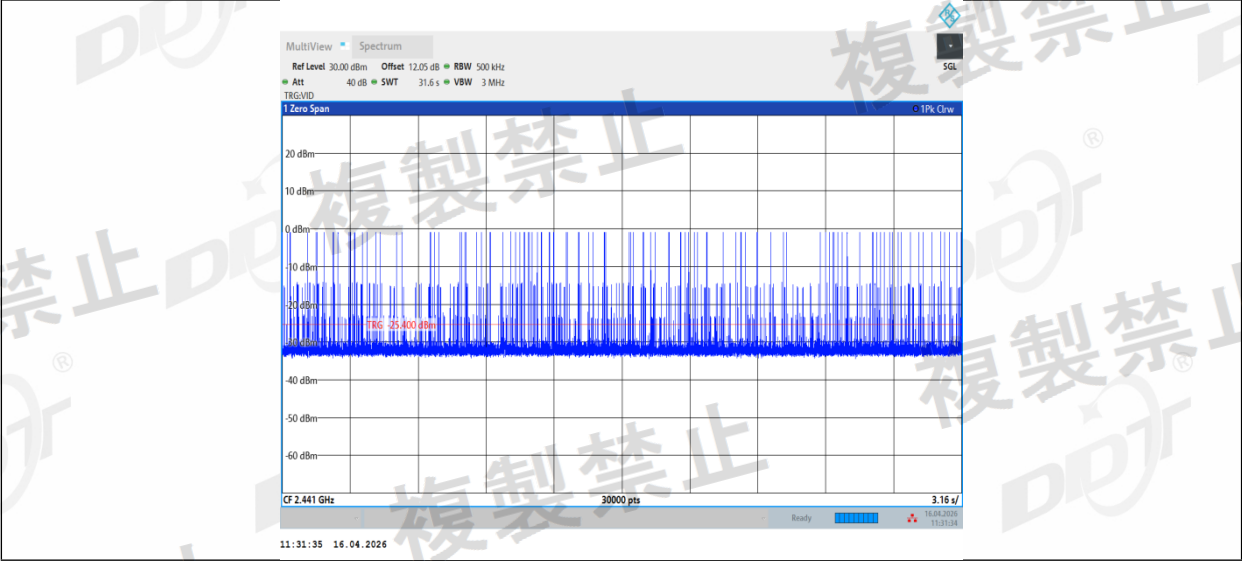
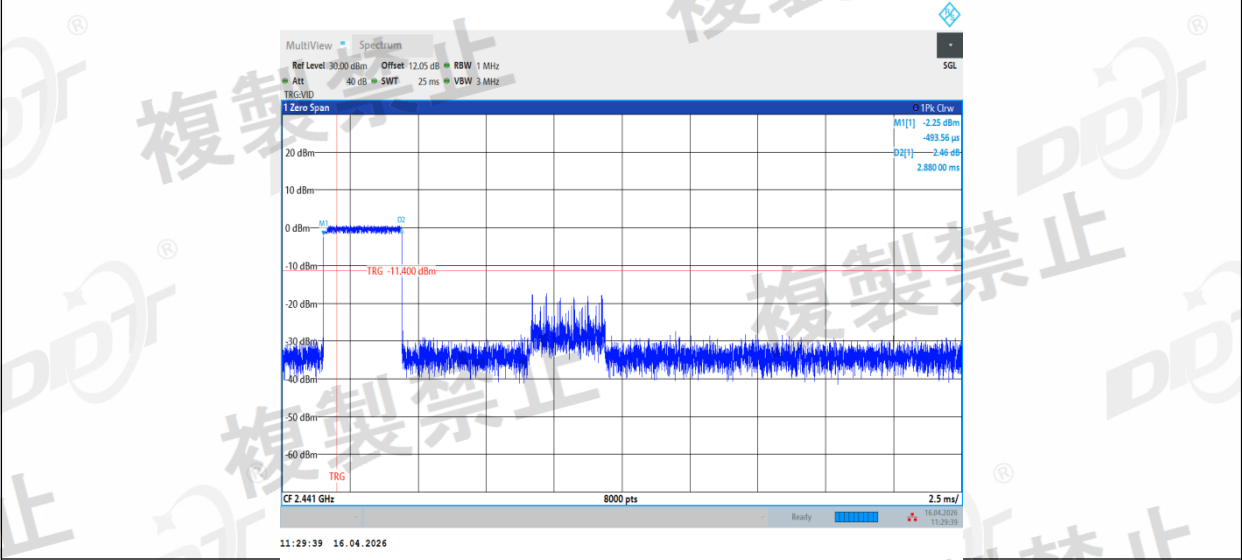








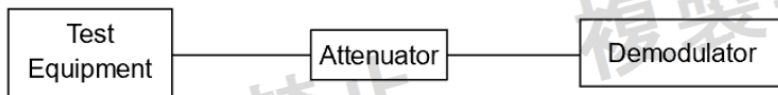
NTNV_3DH5_Ant1_Hop



12. Interference Prevention Function

12.1. Measurement system diagram

- 1) When transmitting identification code



- 2) Condition of measuring instrument

Demodulator must be able to demodulate the transmitting signal emitted by test equipment and to indicate the identification code.

- 3) Condition of test equipment the mode of normal use.

12.2. Measuring operation procedure

When test equipment has the function to transmit identification code automatically:

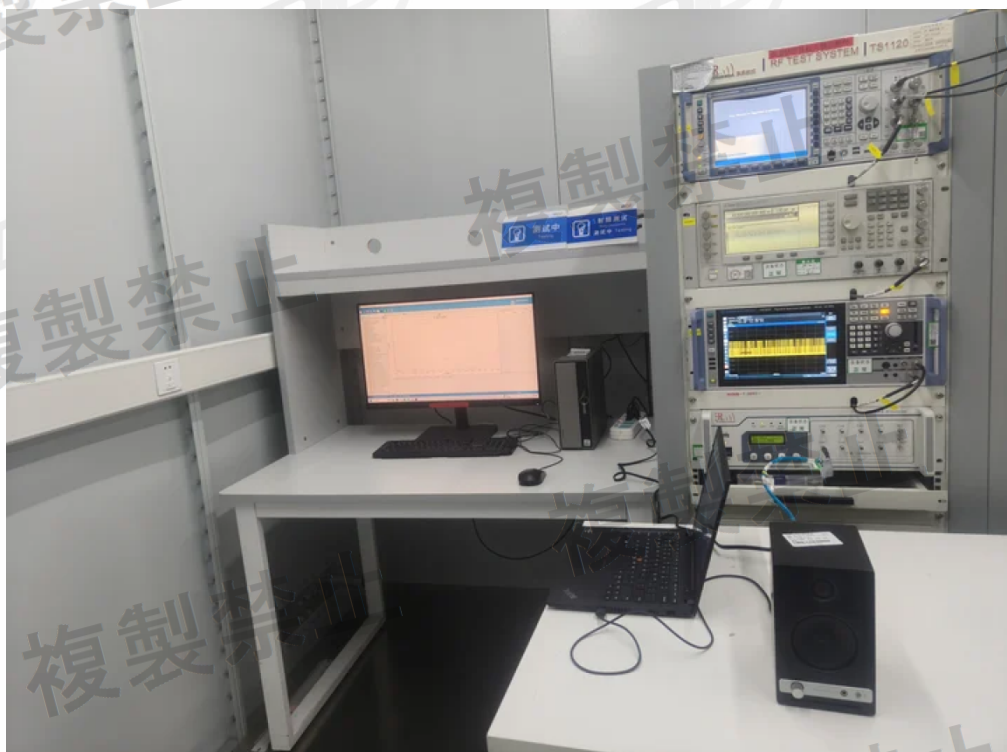
- A) Transmit the predetermined identification code from test equipment.
- B) Confirm the transmitted identification code by demodulator.

12.3. Test result: The unit does meet the requirements.

Pass

[已配对] Audioengine A2+HD
地址:AC:A9:A0:00:06:BA

13. Test Setup Photograph



14. Photos of the EUT

Please refer to DDT-Q25101028-1E appendix I

-----End Report-----