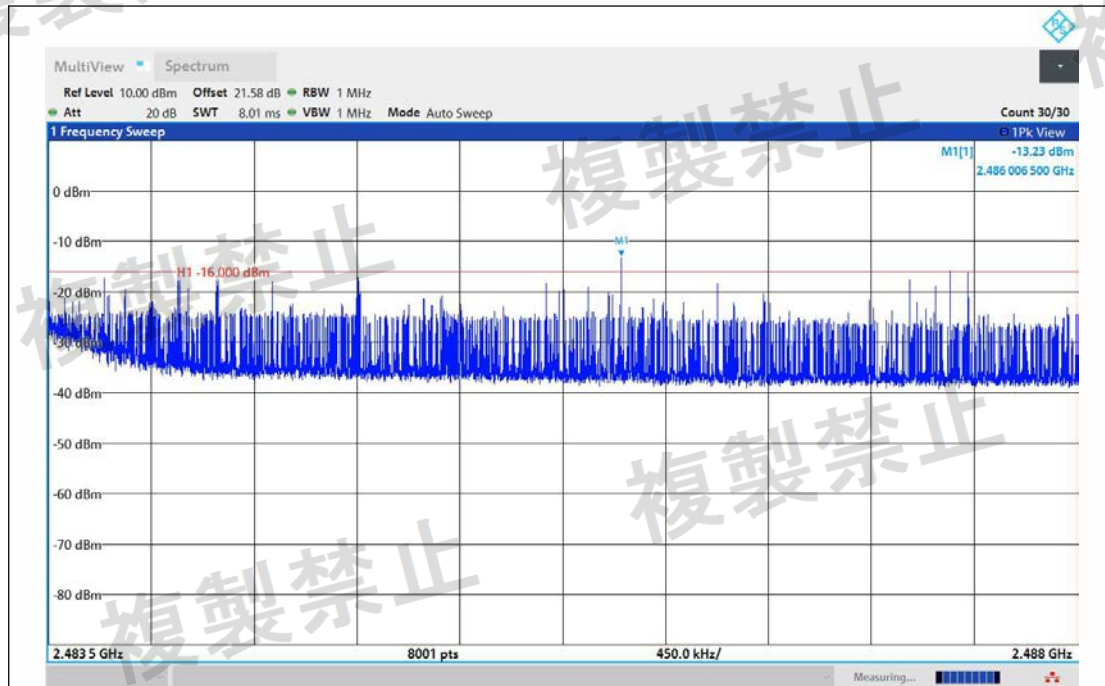
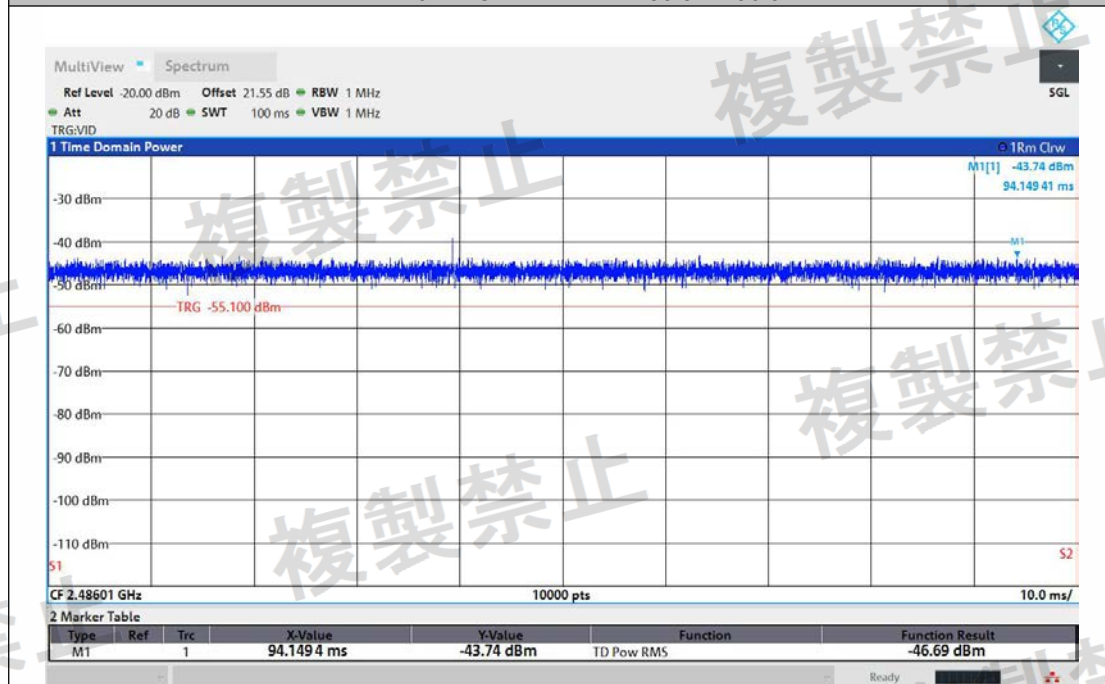
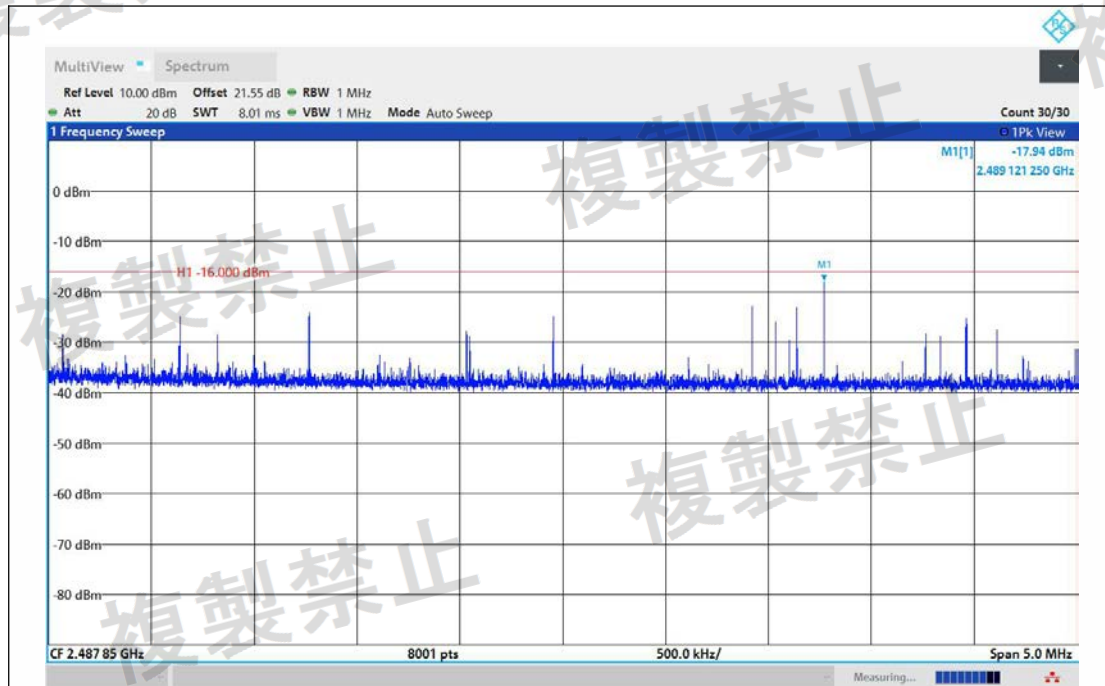


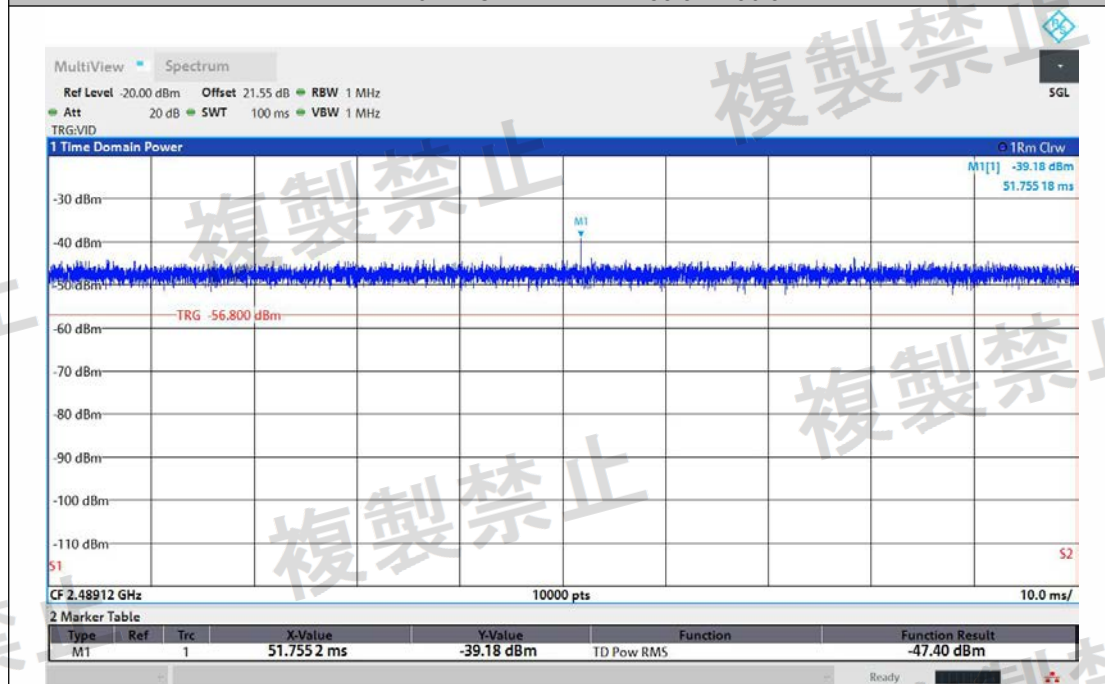


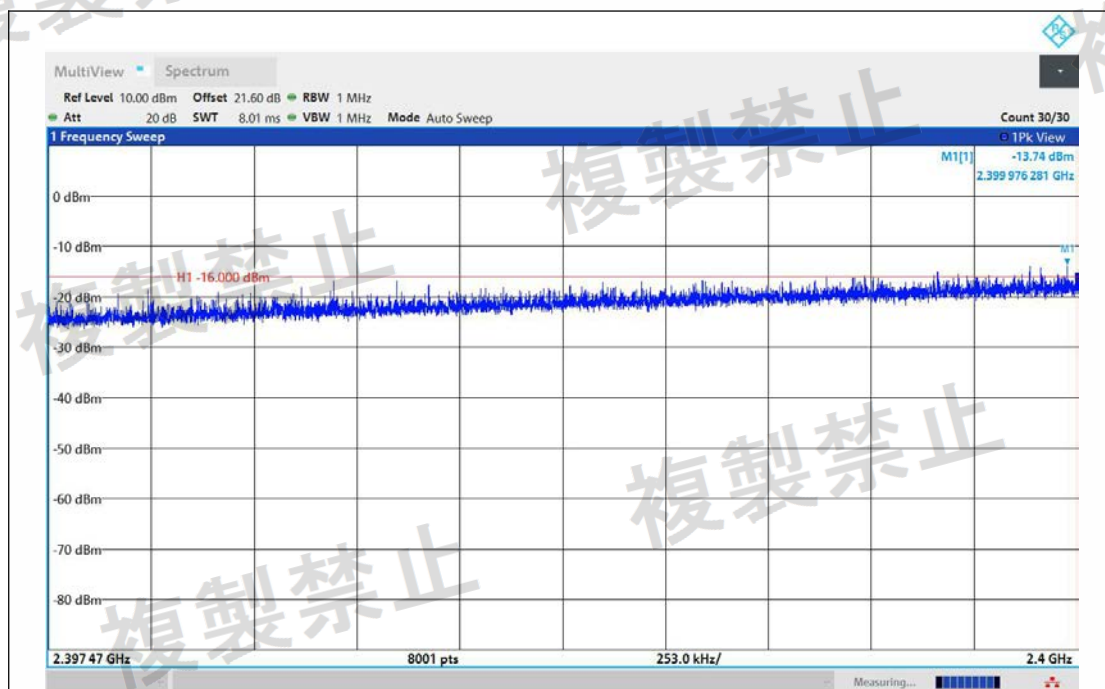
NTNV-11BE20MIMO-Ant1-2472-2483.5~2496.5-PASS



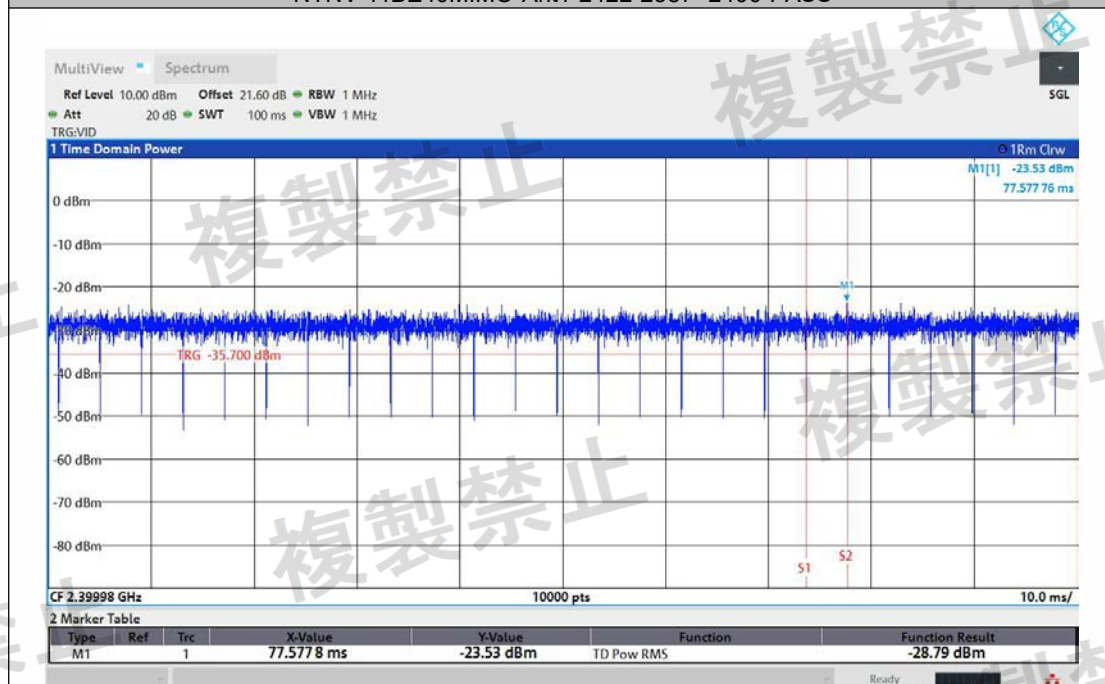


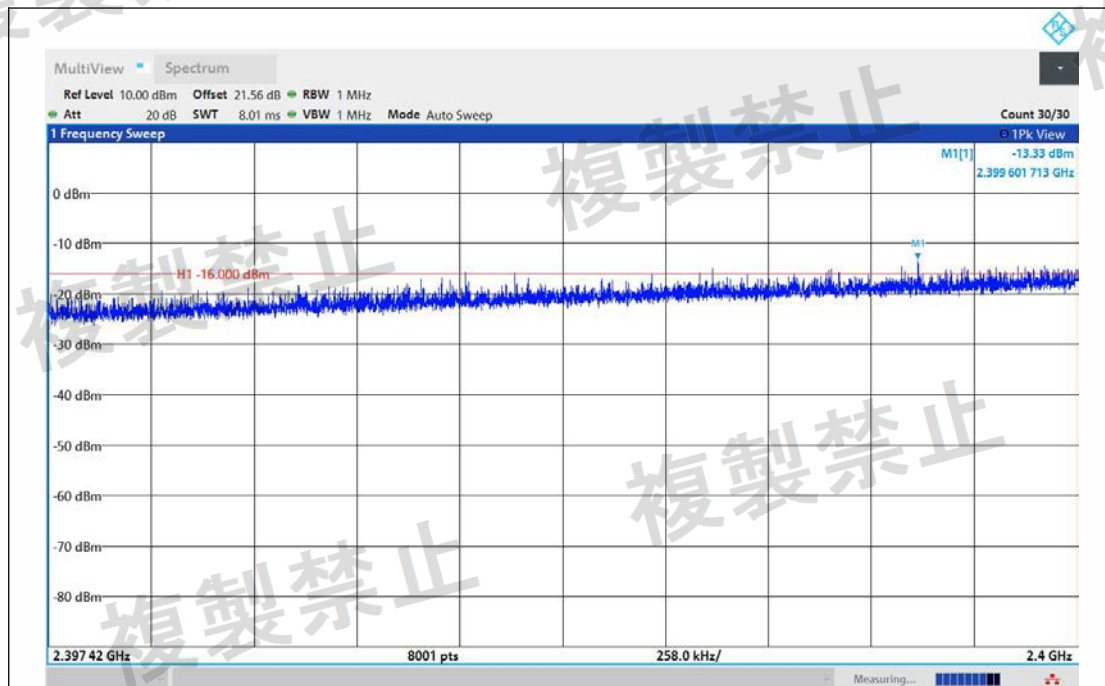
NTNV-11BE20MIMO-Ant2-2472-2483.5~2496.5-PASS



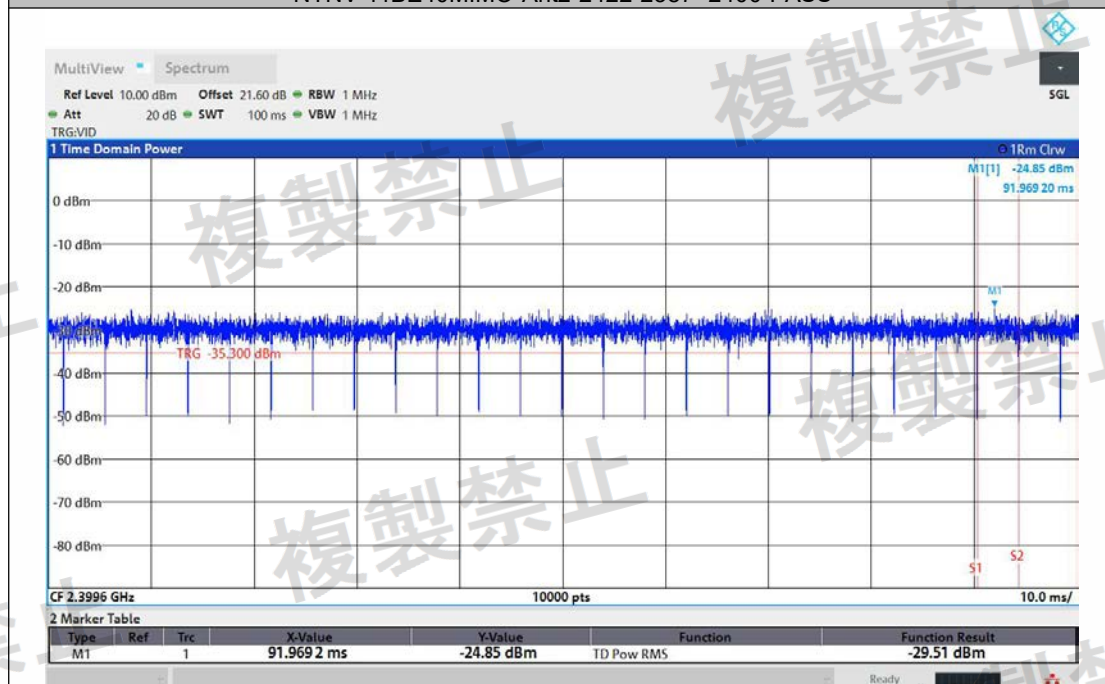


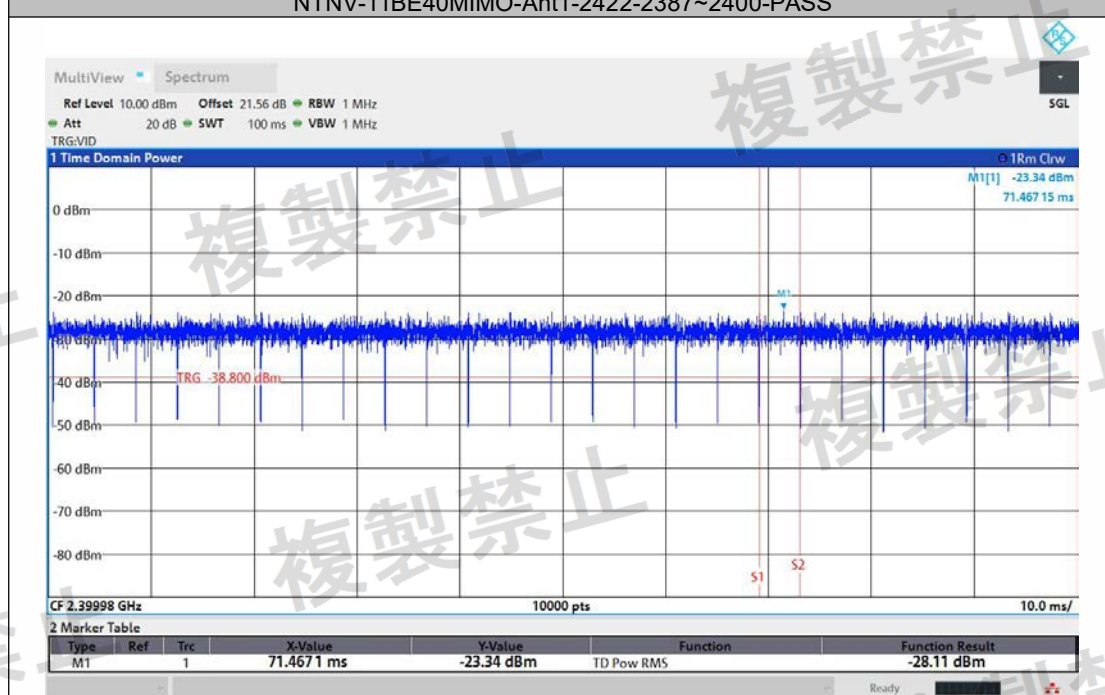
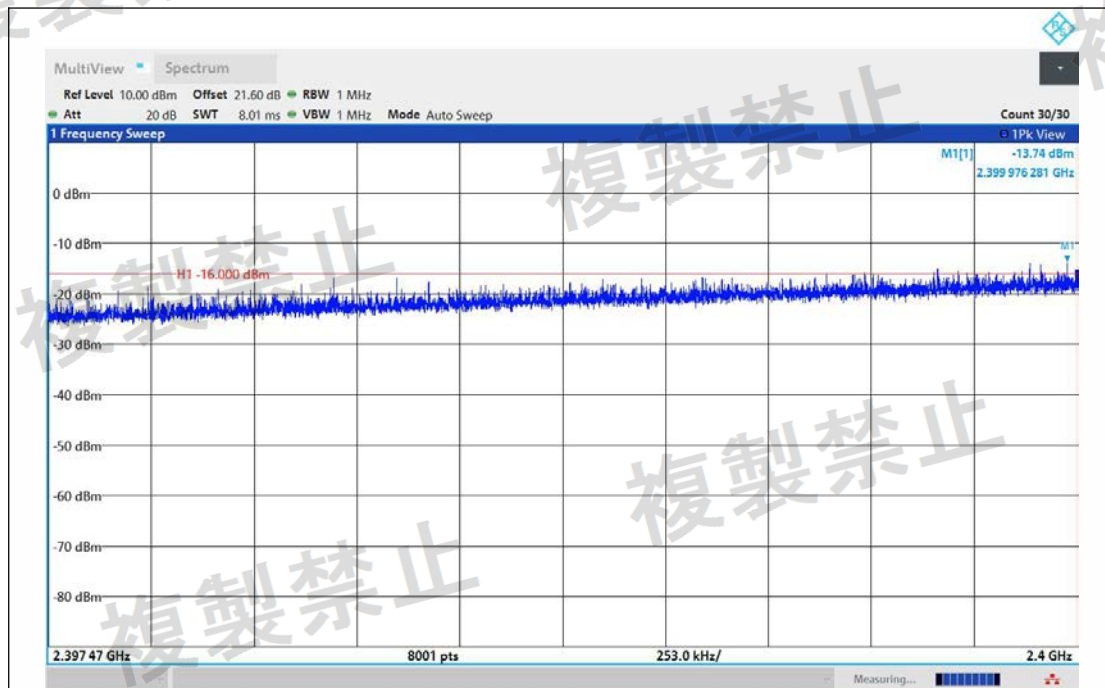
NTNV-11BE40MIMO-Ant1-2422-2387~2400-PASS

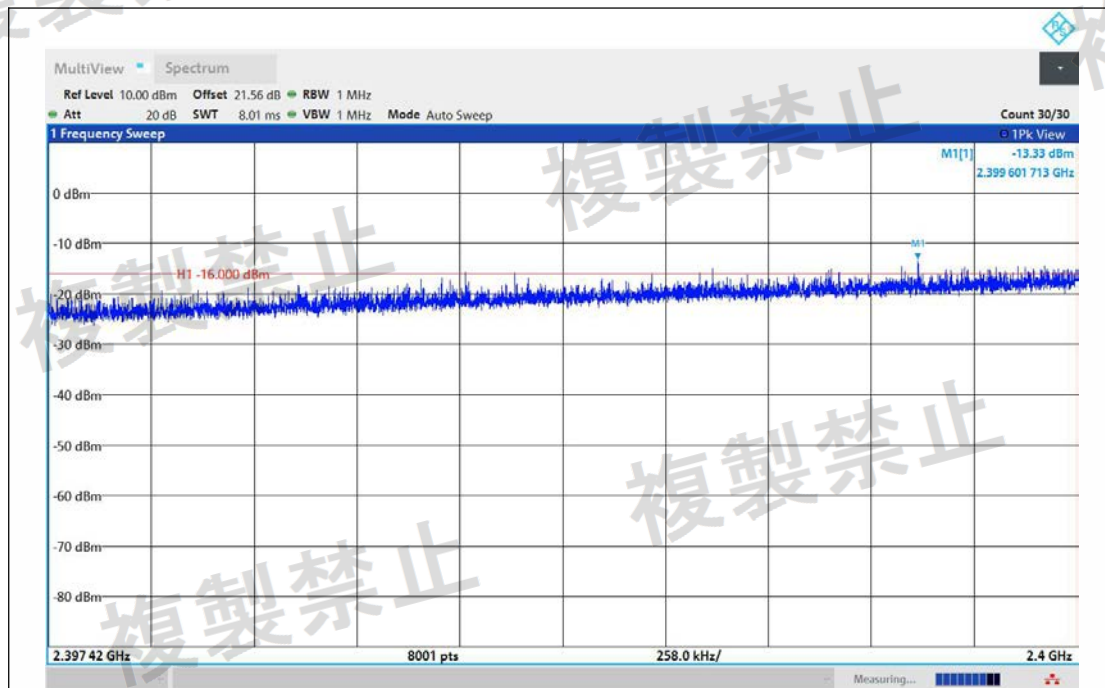




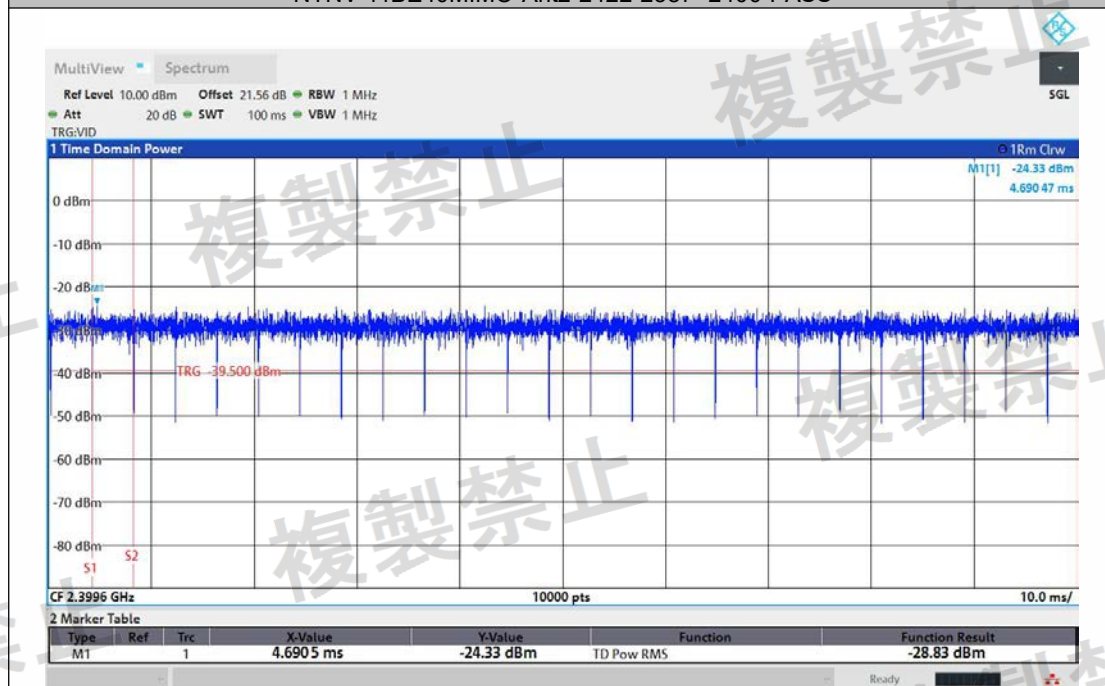
NTNV-11BE40MIMO-Ant2-2422-2387~2400-PASS

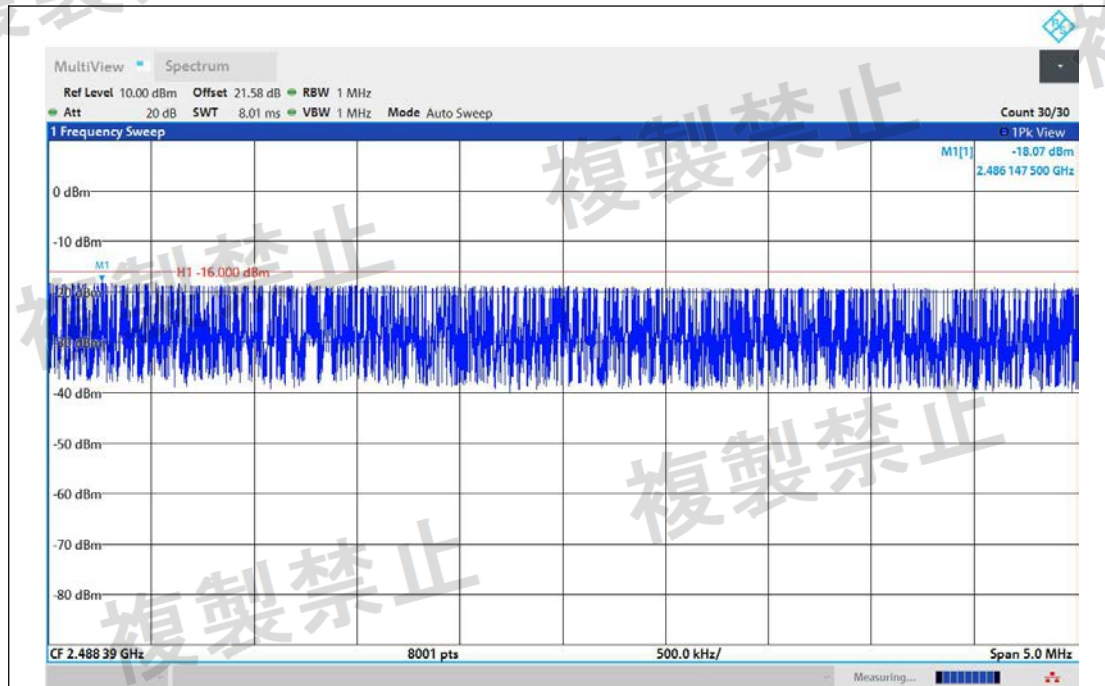




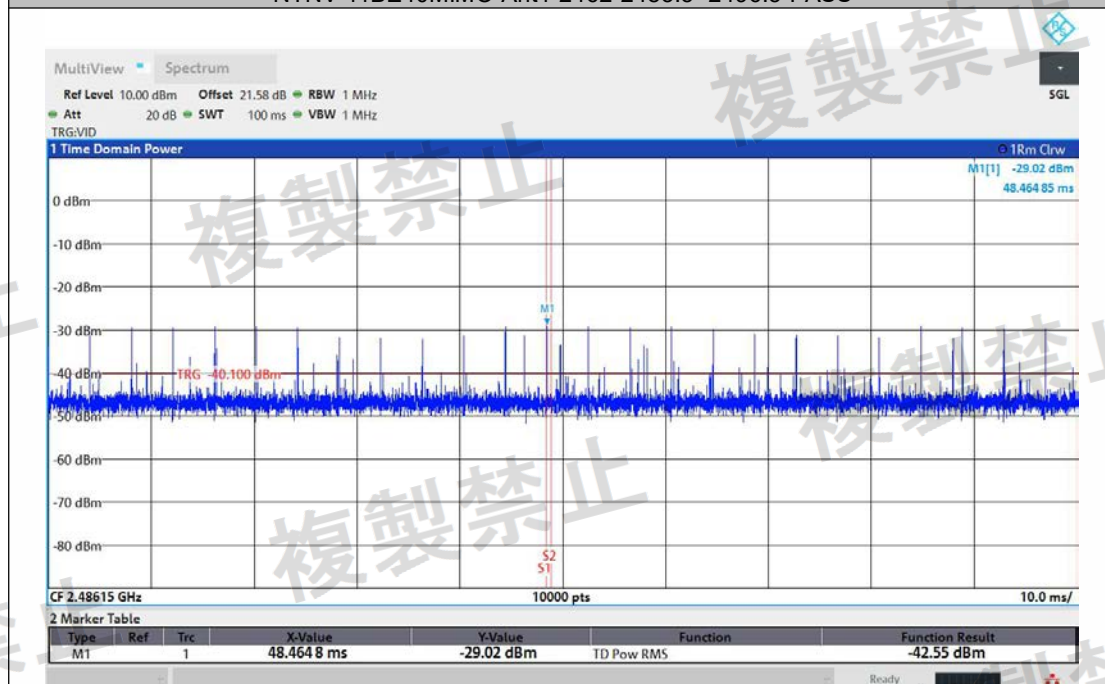


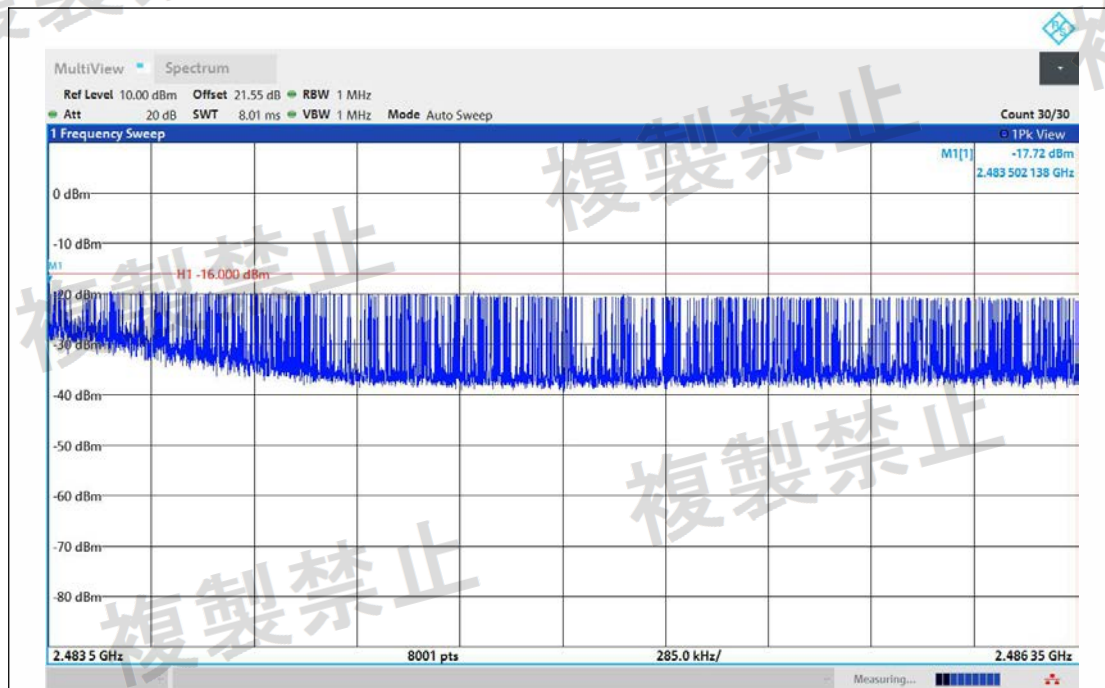
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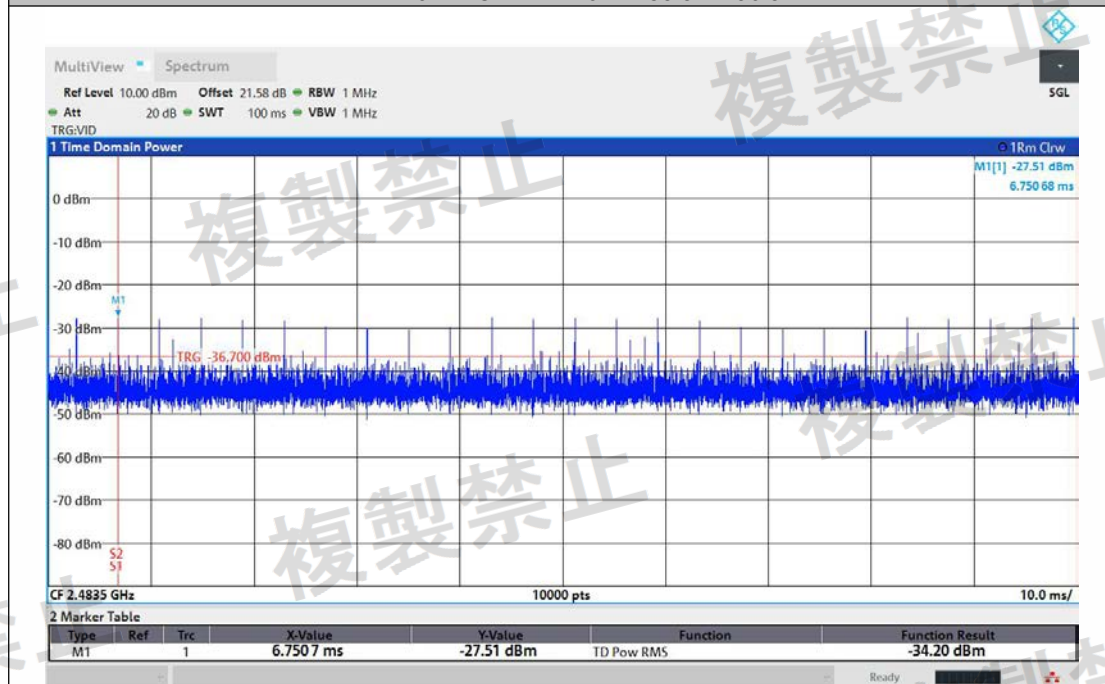


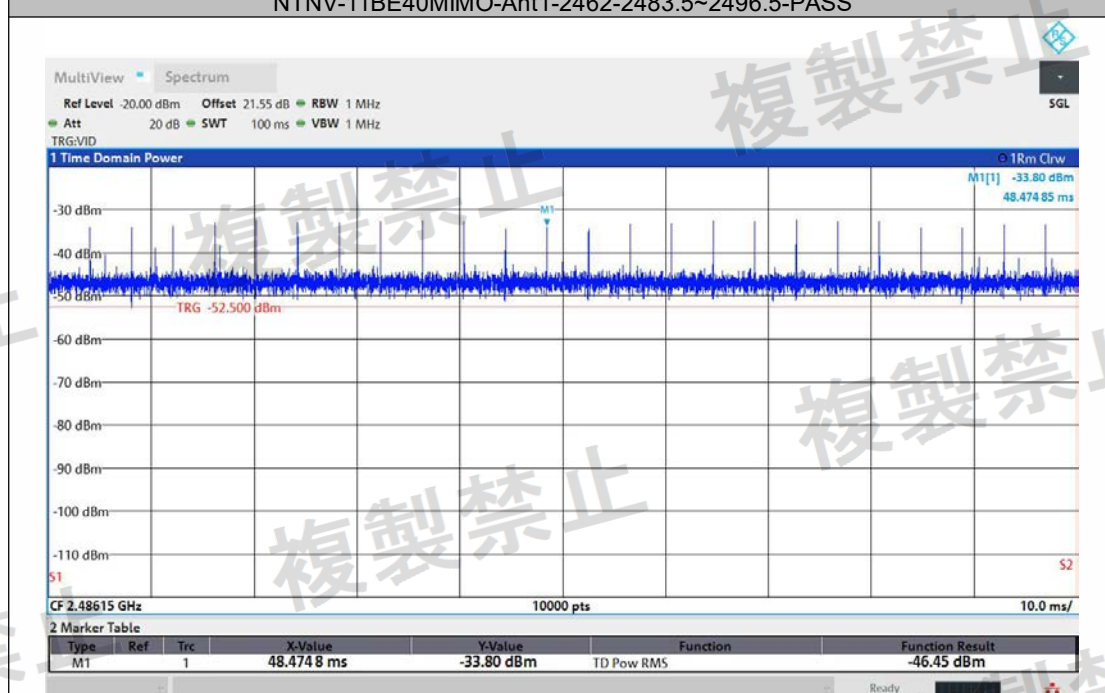
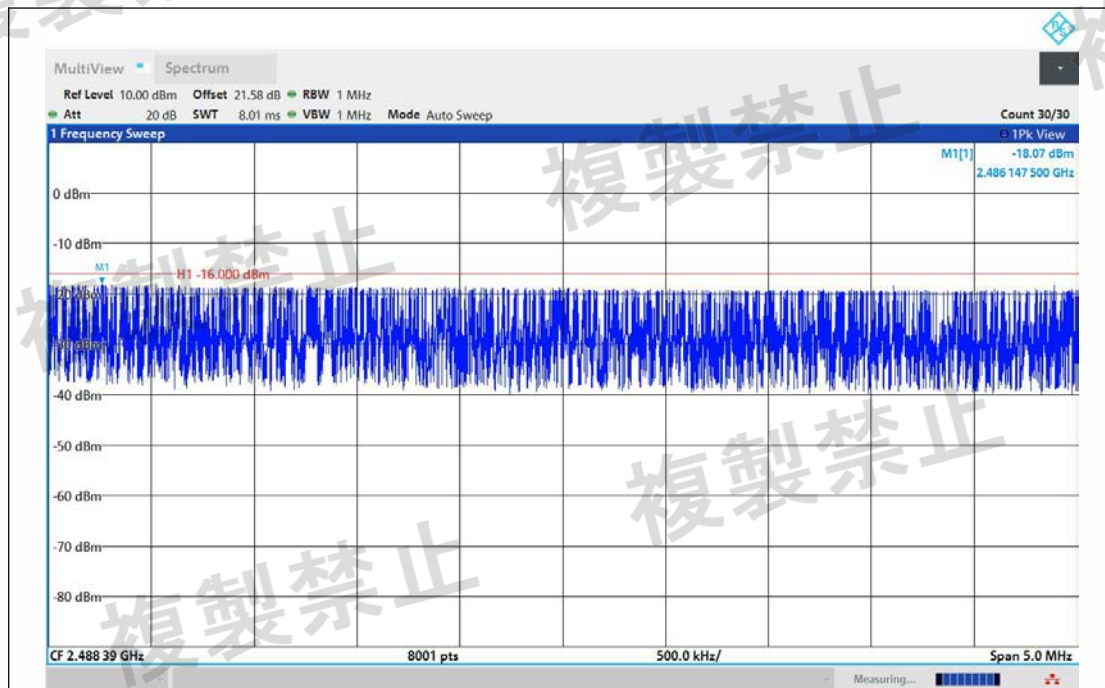
NTNV-11BE40MIMO-Ant1-2462-2483.5~2496.5-PASS

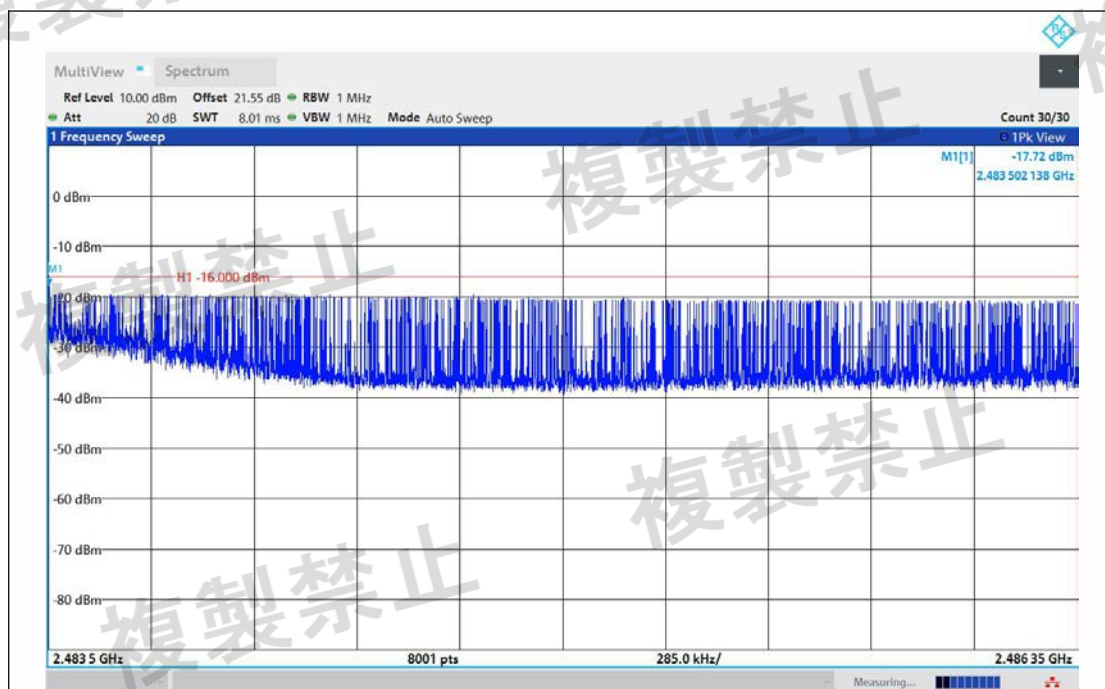




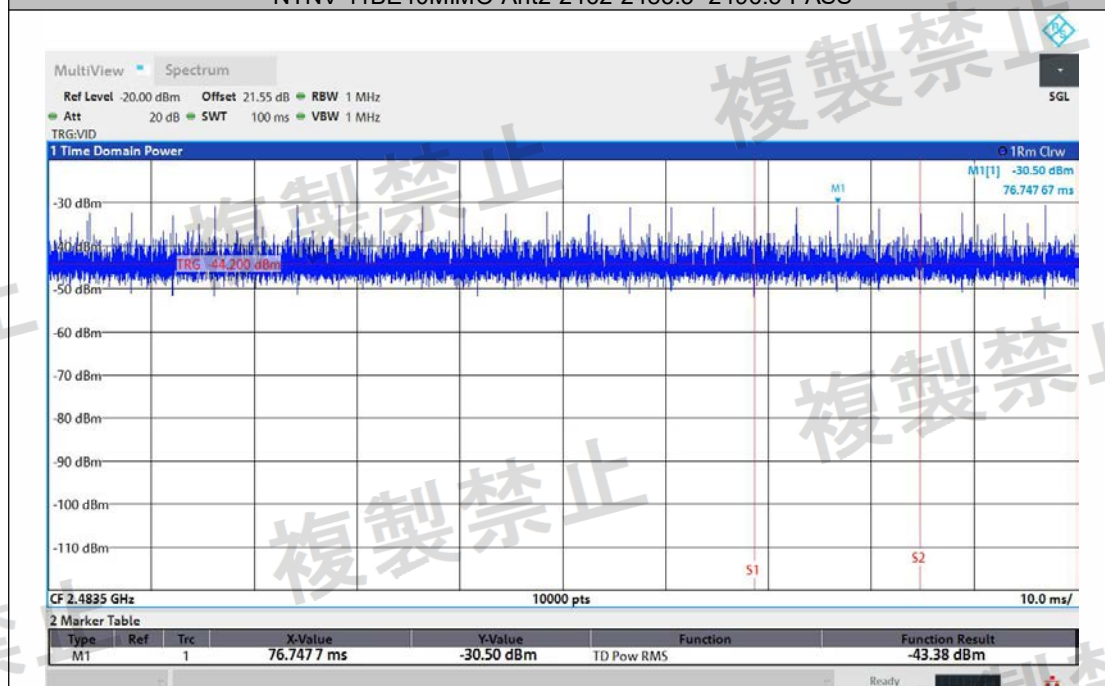
NTNV-11BE40MIMO-Ant2-2462-2483.5~2496.5-PASS

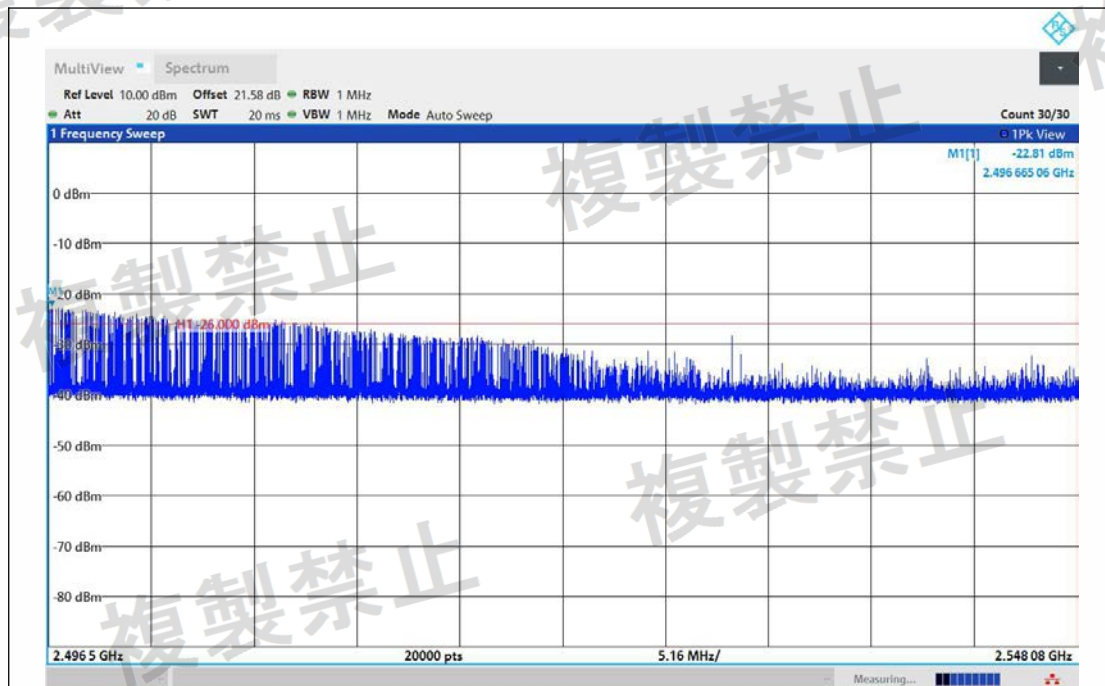




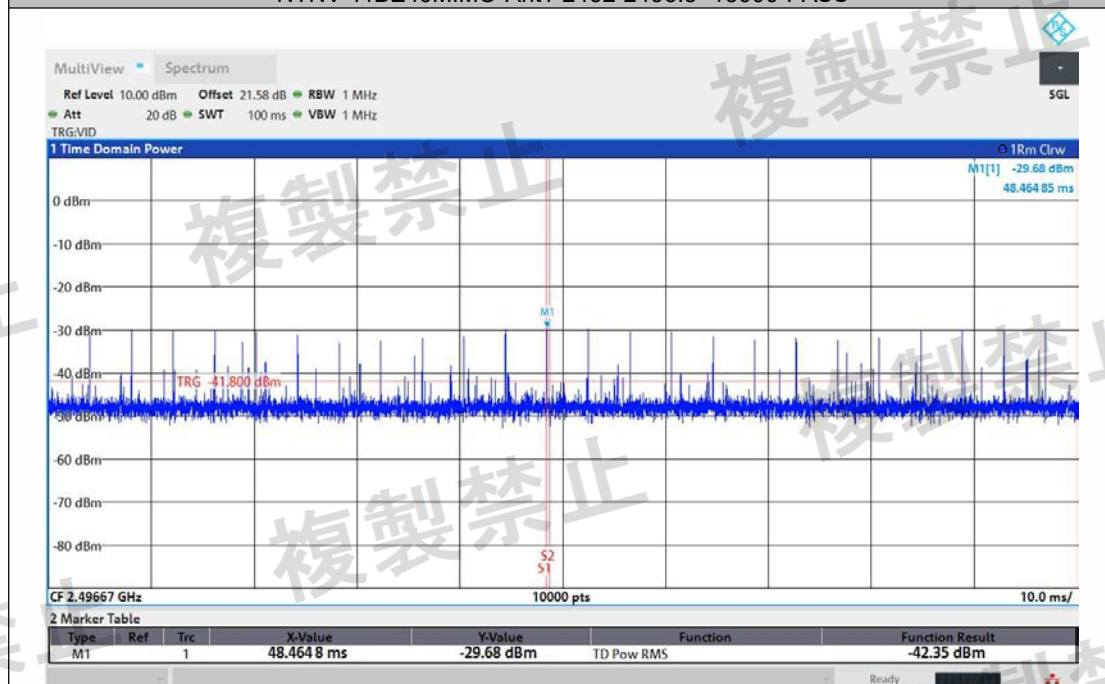


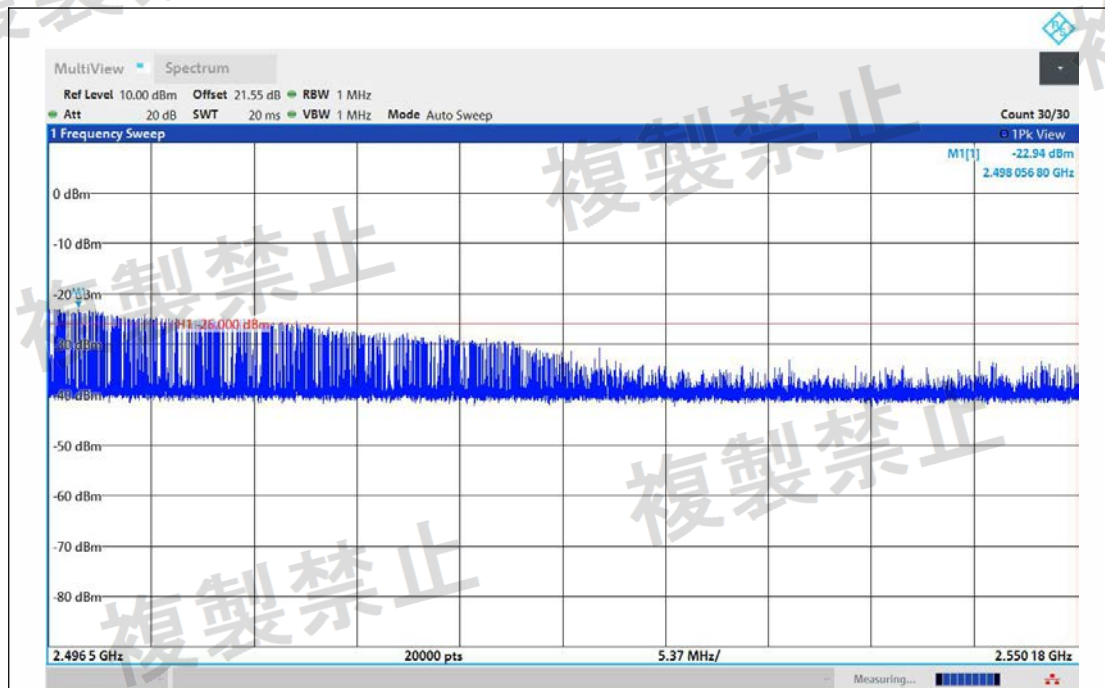
NTNV-11BE40MIMO-Ant2-2462-2483.5~2496.5-PASS



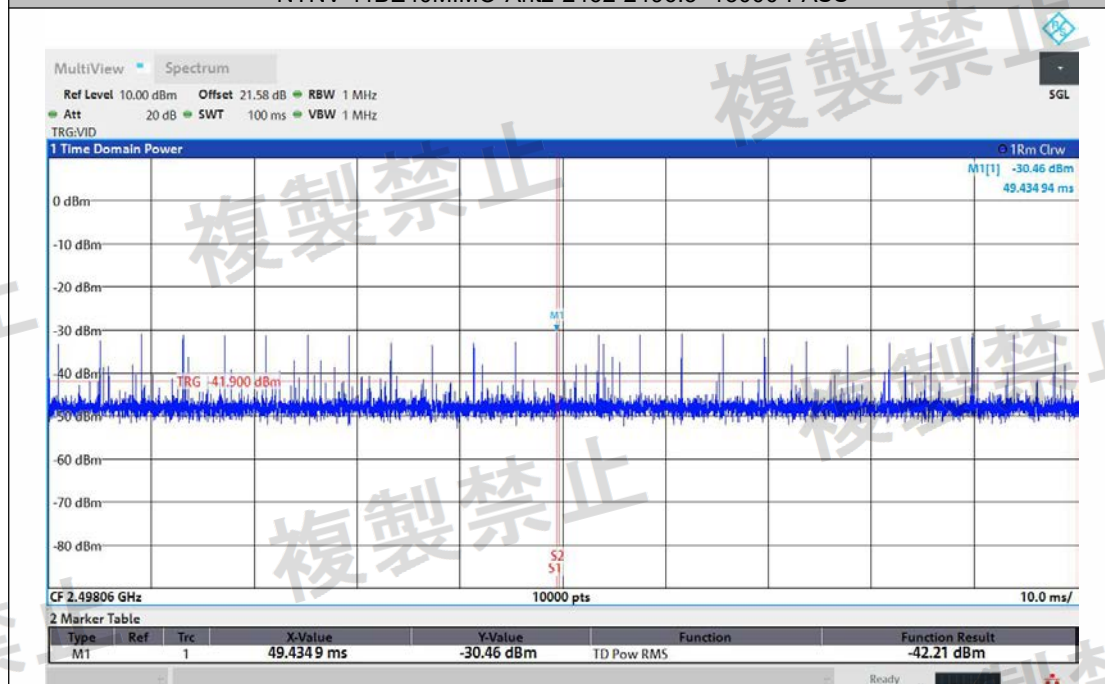


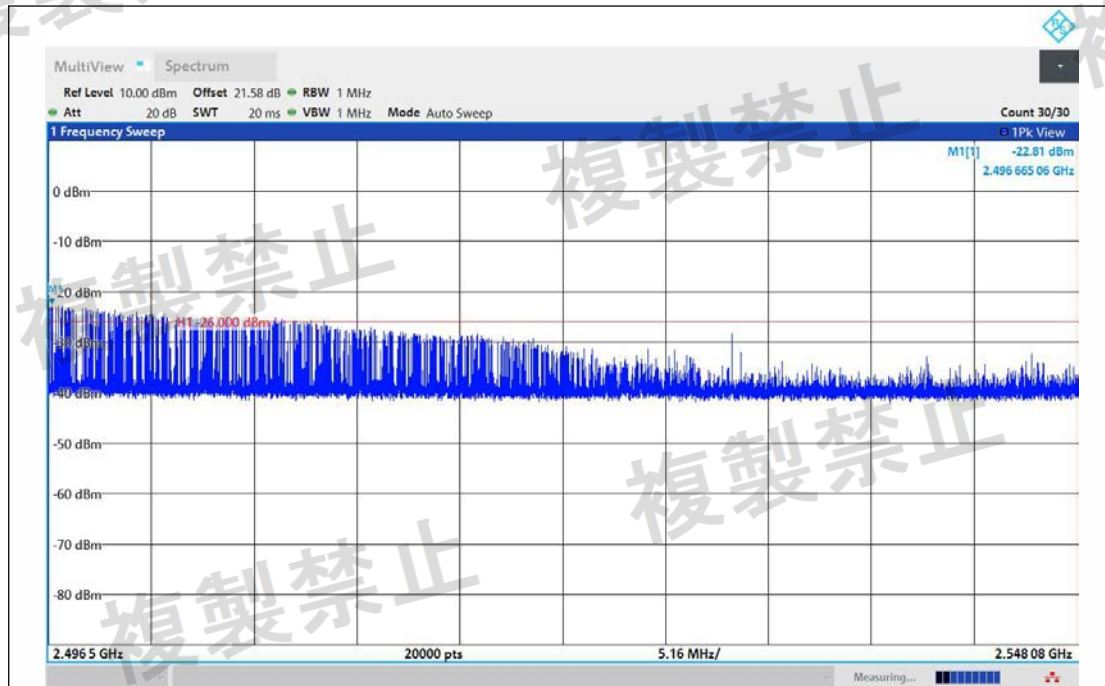
NTNV-11BE40MIMO-Ant1-2462-2496.5~13000-PASS



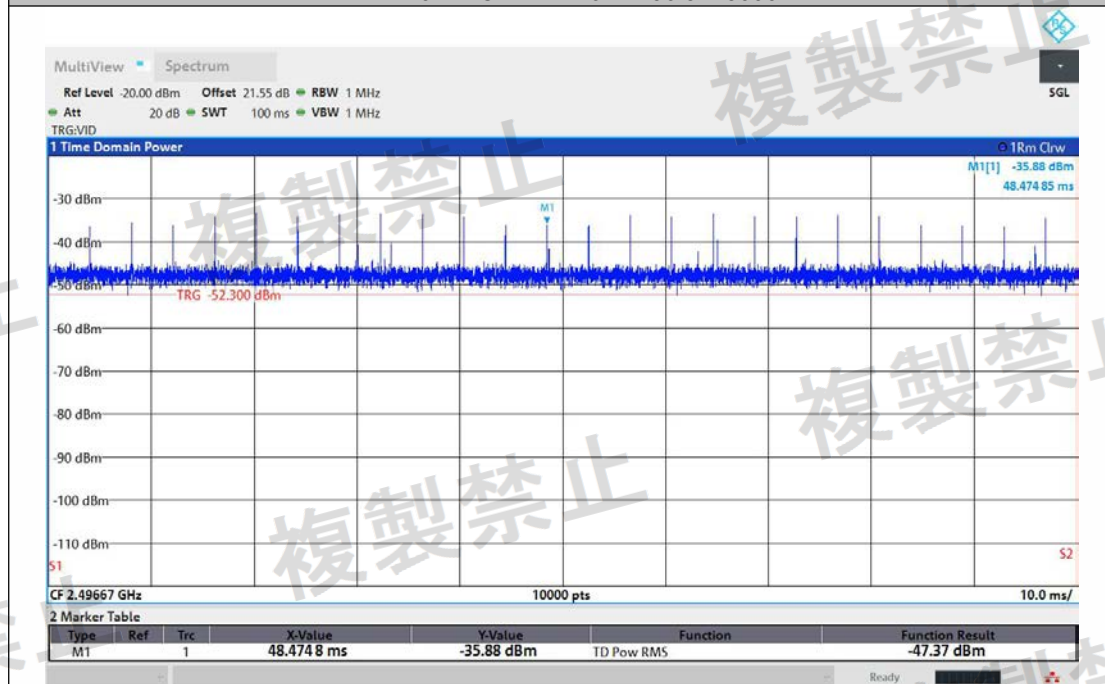


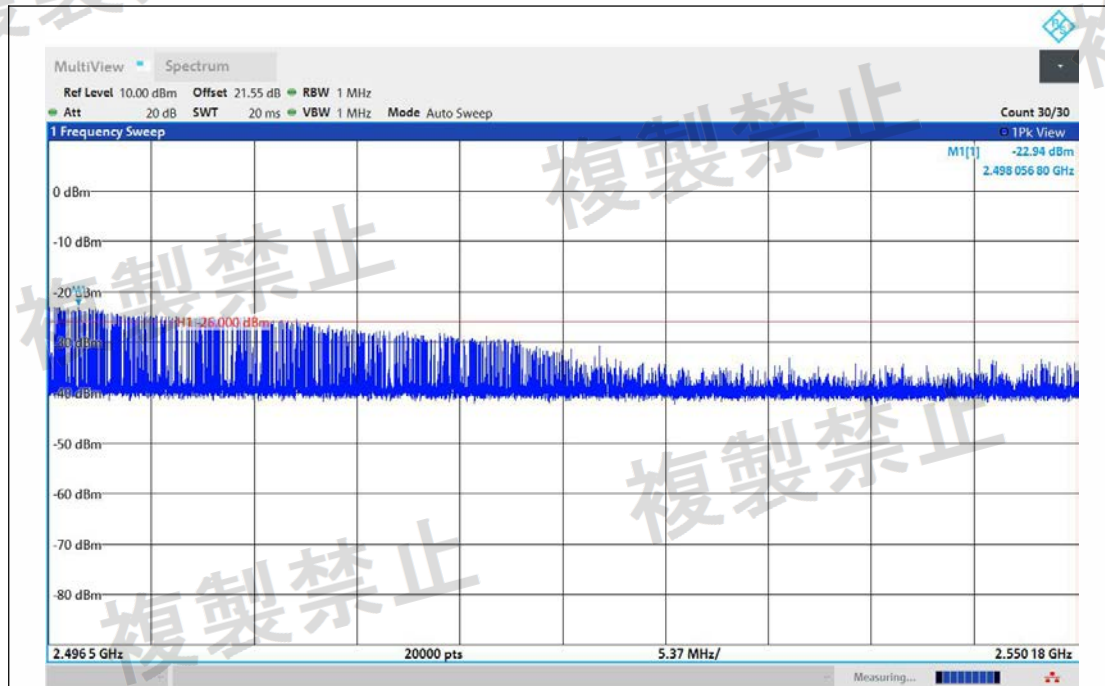
NTNV-11BE40MIMO-Ant2-2462-2496.5~13000-PASS



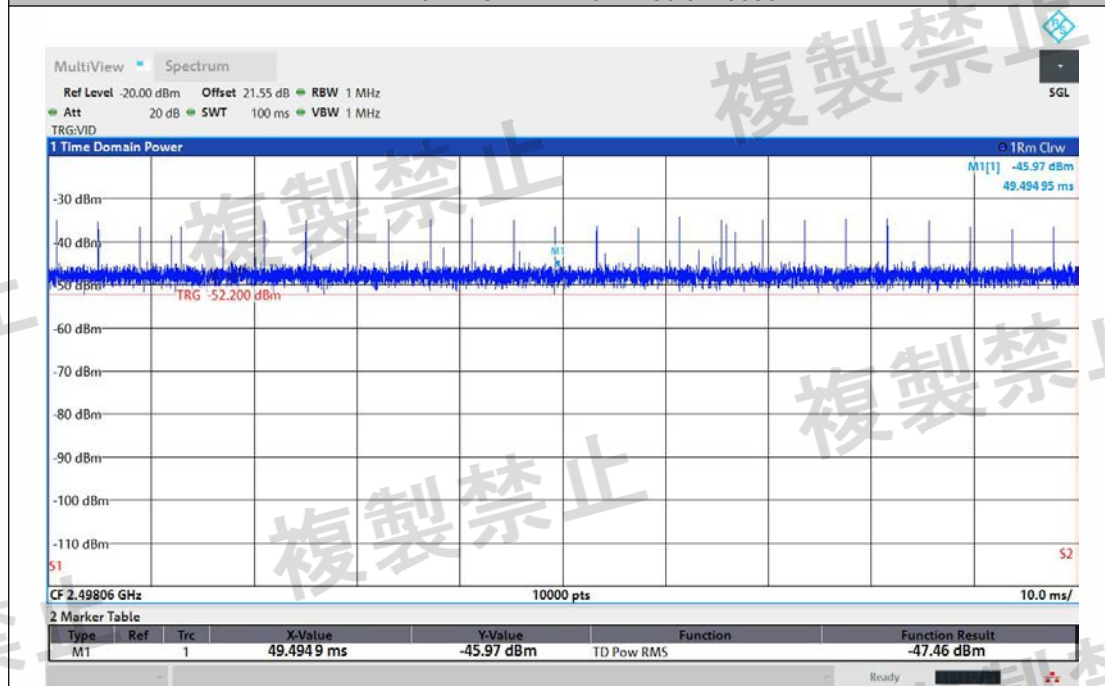


NTNV-11BE40MIMO-Ant1-2462-2496.5~13000-PASS





NTNV-11BE40MIMO-Ant2-2462-2496.5~13000-PASS



7.5 SPURIOUS EMISSIONS OF RX

7.5.1 Applicable Standard

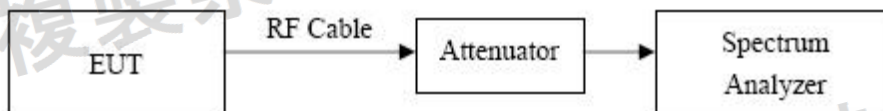
According to Item 19 of Article 2 Paragraph 1.

7.5.2 Conformance 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, 4nW (-54dBm) or less at a frequency below 1 GHz and 20 nW(-47dBm) or less at a frequency of 1 GHz or higher as measured using the circuit.

- | | |
|----------------------|-----------------------|
| a. 30 MHz - 1000 MHz | 4 nW (-54dBm) or less |
| b. 1GHz – 12.5 GHz | 20 nW(-47dBm) or less |

7.5.3 Test Setup Block Diagram



7.5.4 Test Procedure

Set the EUT so that the test frequency is can be measured receipt consecutively all the time.

(1) Set the attenuation value of the dummy load lowest as possible, due to low level of the measured object.

(2) Set Spectrum analyzer for seeking the collateral emission is set as below.

Sweeping Bandwidth	30MHz to 5 times of carrier frequency
Resolution Bandwidth	In case of frequency lower than 1 GHz, 100 kHz In case of frequency higher than 1 MHz
Video Bandwidth	Same level as the resolution bandwidth
Sweep Time	Minimum time to assure the measurement accuracy
Y-Axis Scale	10 dB/Div
Sweep Mode	Single sweep
Phase-Detection Mode	Positive peak

(3) Spectrum analyzer for measuring the collateral emission is set as below.

Central Frequency	Collateral emission frequency
Sweeping Bandwidth	0 Hz
Resolution Bandwidth	In case of frequency lower than 1 GHz, 100 kHz In case of frequency higher than 1 MHz
Video Bandwidth	Same level as the resolution bandwidth
Sweep Mode	Single sweep
Detection Mode	Sample

Set the spectrum analyzer as (2), seek the maximum amplitude of the collateral emission.

In case of sought result lower than 1/10 limit value, employ the sought value as the measured value.

In case the sought value exceeds 1/10 limit value, seek the collateral emission frequency by narrowing the sweeping band sequentially to 1/10 for the purpose of higher accuracy of the spectrum analyzer. Set the spectrum analyzer as (3).

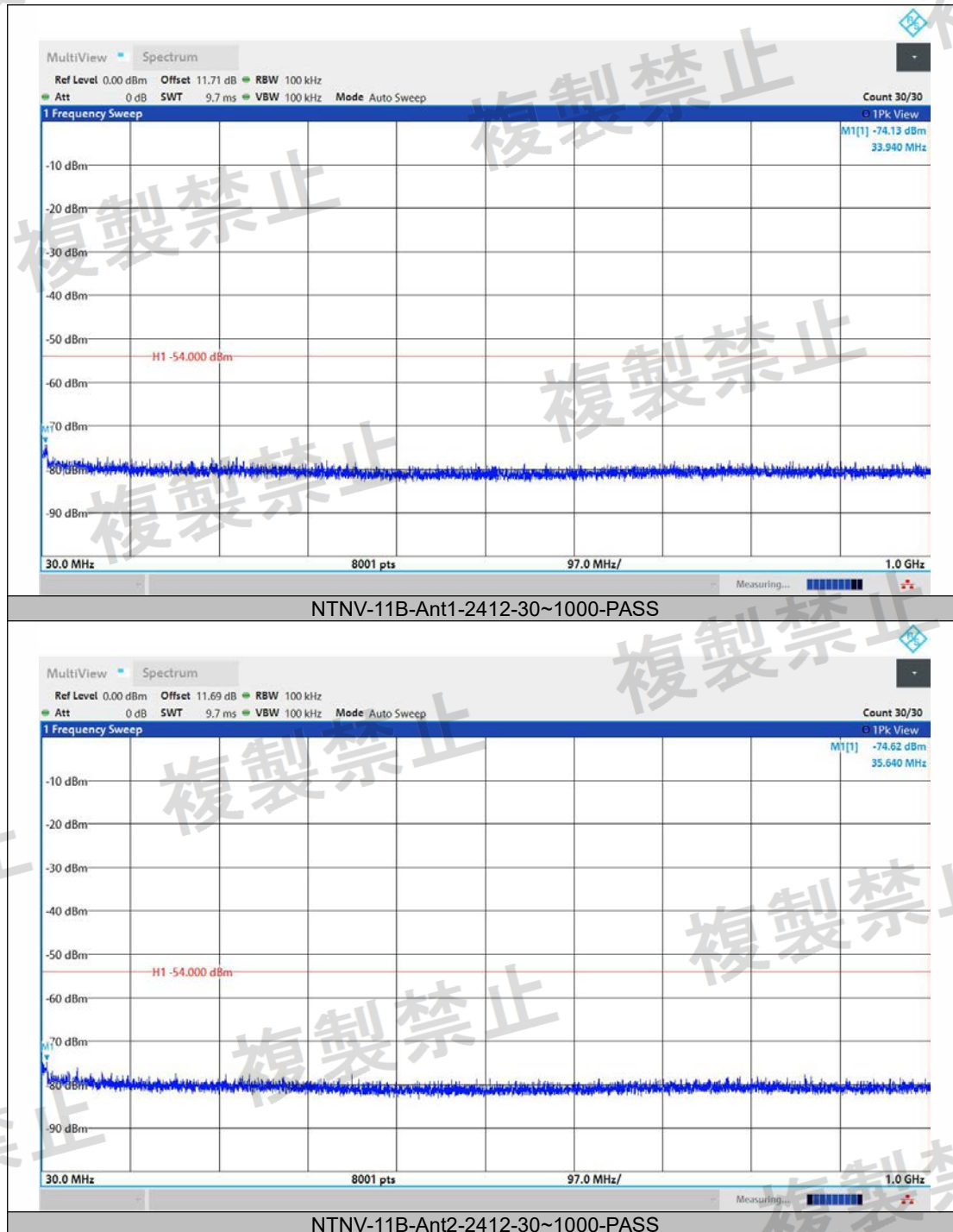
7.5.5 Environmental Conditions

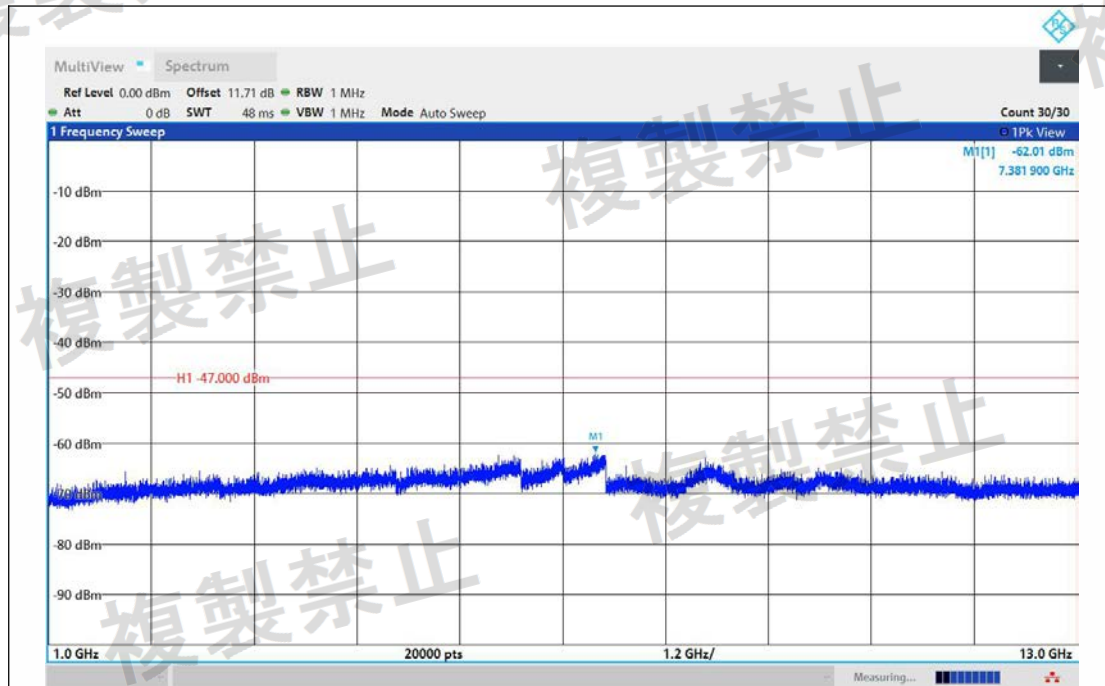
Temperature:	25 °C
Relative Humidity:	60%
ATM Pressure:	1011 mbar

7.5.6 Test Results

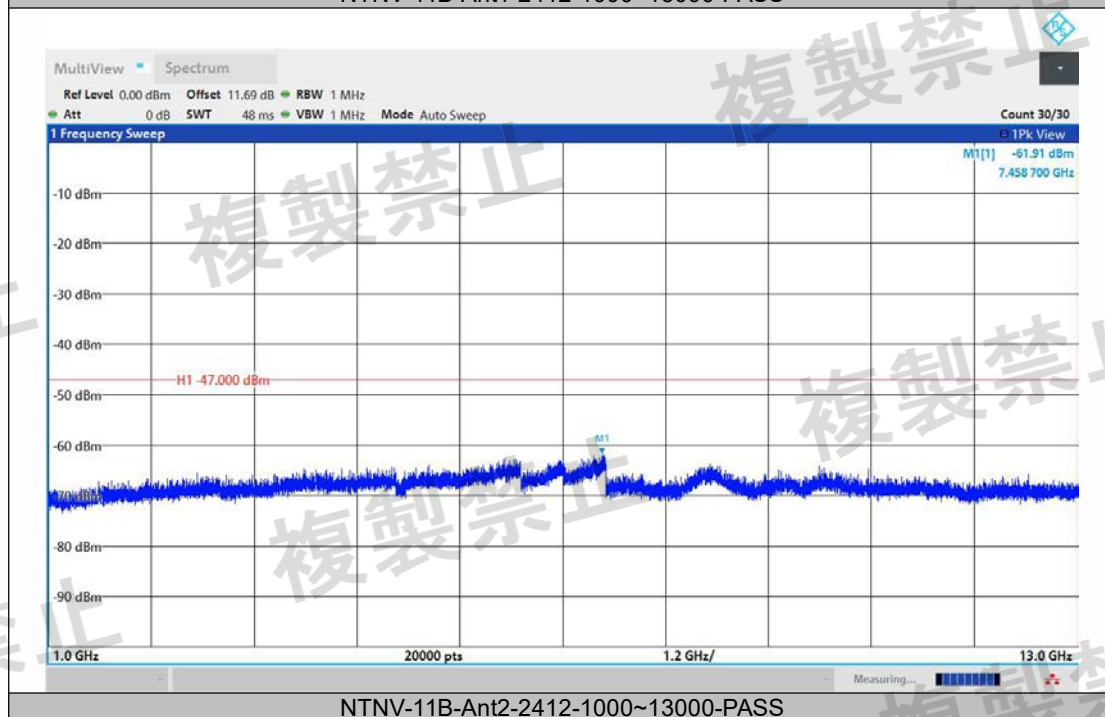
TestCondition	TestMode	Antenna	Frequency[MHz]	Freq.Range [MHz]	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	11B	Ant1	2412	30~1000	33.94	-74.13	≤-54	0.03864	≤4	PASS
NTNV	11B	Ant2	2412	30~1000	35.64	-74.62	≤-54	0.03451	≤4	PASS
NTNV	11B	Ant1	2412	1000~13000	7381.90	-62.01	≤-47	0.62951	≤20	PASS
NTNV	11B	Ant2	2412	1000~13000	7458.70	-61.91	≤-47	0.64417	≤20	PASS
NTNV	11B	Ant1	2442	30~1000	30.06	-75.42	≤-54	0.02871	≤4	PASS
NTNV	11B	Ant2	2442	30~1000	35.03	-74.05	≤-54	0.03936	≤4	PASS
NTNV	11B	Ant1	2442	1000~13000	7444.90	-61.75	≤-47	0.66834	≤20	PASS
NTNV	11B	Ant2	2442	1000~13000	6983.50	-62.09	≤-47	0.61802	≤20	PASS
NTNV	11B	Ant1	2472	30~1000	31.88	-74.50	≤-54	0.03548	≤4	PASS
NTNV	11B	Ant2	2472	30~1000	35.27	-74.26	≤-54	0.03750	≤4	PASS
NTNV	11B	Ant1	2472	1000~13000	7329.10	-61.85	≤-47	0.65313	≤20	PASS
NTNV	11B	Ant2	2472	1000~13000	7496.50	-61.28	≤-47	0.74473	≤20	PASS
NTNV	11G	Ant1	2412	30~1000	34.67	-74.31	≤-54	0.03707	≤4	PASS
NTNV	11G	Ant2	2412	30~1000	31.64	-73.78	≤-54	0.04188	≤4	PASS
NTNV	11G	Ant1	2412	1000~13000	7428.70	-61.49	≤-47	0.70958	≤20	PASS
NTNV	11G	Ant2	2412	1000~13000	6469.90	-61.88	≤-47	0.64863	≤20	PASS
NTNV	11G	Ant1	2442	30~1000	35.76	-75.01	≤-54	0.03155	≤4	PASS
NTNV	11G	Ant2	2442	30~1000	34.30	-74.08	≤-54	0.03908	≤4	PASS
NTNV	11G	Ant1	2442	1000~13000	7453.30	-60.98	≤-47	0.79799	≤20	PASS
NTNV	11G	Ant2	2442	1000~13000	7461.70	-61.34	≤-47	0.73451	≤20	PASS
NTNV	11G	Ant1	2472	30~1000	35.76	-74.40	≤-54	0.03631	≤4	PASS
NTNV	11G	Ant2	2472	30~1000	33.33	-74.47	≤-54	0.03573	≤4	PASS
NTNV	11G	Ant1	2472	1000~13000	7494.10	-62.13	≤-47	0.61235	≤20	PASS
NTNV	11G	Ant2	2472	1000~13000	7473.10	-61.63	≤-47	0.68707	≤20	PASS
NTNV	11N20MIMO	Ant1	2412	30~1000	34.79	-74.25	≤-54	0.03758	≤4	PASS
NTNV	11N20MIMO	Ant2	2412	30~1000	30.18	-74.87	≤-54	0.03258	≤4	PASS
NTNV	11N20MIMO	Ant1	2412	1000~13000	7495.90	-61.29	≤-47	0.74302	≤20	PASS
NTNV	11N20MIMO	Ant2	2412	1000~13000	7494.70	-61.69	≤-47	0.67764	≤20	PASS
NTNV	11N20MIMO	Ant1	2442	30~1000	34.30	-74.68	≤-54	0.03404	≤4	PASS
NTNV	11N20MIMO	Ant2	2442	30~1000	34.55	-74.69	≤-54	0.03396	≤4	PASS
NTNV	11N20MIMO	Ant1	2442	1000~13000	7195.90	-61.68	≤-47	0.67920	≤20	PASS
NTNV	11N20MIMO	Ant2	2442	1000~13000	7482.10	-62.00	≤-47	0.63096	≤20	PASS
NTNV	11N20MIMO	Ant1	2472	30~1000	34.55	-74.40	≤-54	0.03631	≤4	PASS
NTNV	11N20MIMO	Ant2	2472	30~1000	34.43	-74.58	≤-54	0.03483	≤4	PASS
NTNV	11N20MIMO	Ant1	2472	1000~13000	7435.30	-61.86	≤-47	0.65163	≤20	PASS
NTNV	11N20MIMO	Ant2	2472	1000~13000	7463.50	-61.21	≤-47	0.75683	≤20	PASS
NTNV	11N40MIMO	Ant1	2422	30~1000	35.64	-74.60	≤-54	0.03467	≤4	PASS
NTNV	11N40MIMO	Ant2	2422	30~1000	34.18	-75.56	≤-54	0.02780	≤4	PASS
NTNV	11N40MIMO	Ant1	2422	1000~13000	7495.30	-61.18	≤-47	0.76208	≤20	PASS
NTNV	11N40MIMO	Ant2	2422	1000~13000	7448.50	-61.16	≤-47	0.76560	≤20	PASS
NTNV	11N40MIMO	Ant1	2442	30~1000	34.43	-74.92	≤-54	0.03221	≤4	PASS
NTNV	11N40MIMO	Ant2	2442	30~1000	34.67	-74.66	≤-54	0.03420	≤4	PASS
NTNV	11N40MIMO	Ant1	2442	1000~13000	7499.50	-61.28	≤-47	0.74473	≤20	PASS
NTNV	11N40MIMO	Ant2	2442	1000~13000	7297.90	-61.39	≤-47	0.72611	≤20	PASS
NTNV	11N40MIMO	Ant1	2462	30~1000	31.88	-73.25	≤-54	0.04732	≤4	PASS
NTNV	11N40MIMO	Ant2	2462	30~1000	30.30	-74.11	≤-54	0.03882	≤4	PASS
NTNV	11N40MIMO	Ant1	2462	1000~13000	7477.90	-61.57	≤-47	0.69663	≤20	PASS
NTNV	11N40MIMO	Ant2	2462	1000~13000	7493.50	-61.76	≤-47	0.66681	≤20	PASS
NTNV	11AX20MIMO	Ant1	2412	30~1000	33.70	-74.47	≤-54	0.03573	≤4	PASS
NTNV	11AX20MIMO	Ant2	2412	30~1000	30.67	-74.54	≤-54	0.03516	≤4	PASS
NTNV	11AX20MIMO	Ant1	2412	1000~13000	7488.70	-61.56	≤-47	0.69823	≤20	PASS
NTNV	11AX20MIMO	Ant2	2412	1000~13000	7462.90	-61.20	≤-47	0.75858	≤20	PASS

NTNV	11AX20MIMO	Ant1	2442	30~1000	31.39	-74.70	≤-54	0.03388	≤4	PASS
NTNV	11AX20MIMO	Ant2	2442	30~1000	35.03	-74.98	≤-54	0.03177	≤4	PASS
NTNV	11AX20MIMO	Ant1	2442	1000~13000	6928.30	-61.50	≤-47	0.70795	≤20	PASS
NTNV	11AX20MIMO	Ant2	2442	1000~13000	7492.90	-62.36	≤-47	0.58076	≤20	PASS
NTNV	11AX20MIMO	Ant1	2472	30~1000	30.67	-74.49	≤-54	0.03556	≤4	PASS
NTNV	11AX20MIMO	Ant2	2472	30~1000	31.88	-74.22	≤-54	0.03784	≤4	PASS
NTNV	11AX20MIMO	Ant1	2472	1000~13000	7442.50	-61.74	≤-47	0.66988	≤20	PASS
NTNV	11AX20MIMO	Ant2	2472	1000~13000	7371.10	-61.26	≤-47	0.74817	≤20	PASS
NTNV	11AX40MIMO	Ant1	2422	30~1000	34.67	-74.99	≤-54	0.03170	≤4	PASS
NTNV	11AX40MIMO	Ant2	2422	30~1000	35.27	-73.97	≤-54	0.04009	≤4	PASS
NTNV	11AX40MIMO	Ant1	2422	1000~13000	7446.10	-61.95	≤-47	0.63826	≤20	PASS
NTNV	11AX40MIMO	Ant2	2422	1000~13000	7389.10	-61.51	≤-47	0.70632	≤20	PASS
NTNV	11AX40MIMO	Ant1	2442	30~1000	35.64	-74.62	≤-54	0.03451	≤4	PASS
NTNV	11AX40MIMO	Ant2	2442	30~1000	34.91	-74.39	≤-54	0.03639	≤4	PASS
NTNV	11AX40MIMO	Ant1	2442	1000~13000	7419.10	-61.96	≤-47	0.63680	≤20	PASS
NTNV	11AX40MIMO	Ant2	2442	1000~13000	7495.30	-61.97	≤-47	0.63533	≤20	PASS
NTNV	11AX40MIMO	Ant1	2462	30~1000	34.43	-75.60	≤-54	0.02754	≤4	PASS
NTNV	11AX40MIMO	Ant2	2462	30~1000	33.09	-74.93	≤-54	0.03214	≤4	PASS
NTNV	11AX40MIMO	Ant1	2462	1000~13000	7436.50	-62.16	≤-47	0.60814	≤20	PASS
NTNV	11AX40MIMO	Ant2	2462	1000~13000	7413.70	-60.84	≤-47	0.82414	≤20	PASS
NTNV	11BE20MIMO	Ant1	2412	30~1000	30.42	-74.32	≤-54	0.03698	≤4	PASS
NTNV	11BE20MIMO	Ant2	2412	30~1000	32.49	-74.34	≤-54	0.03681	≤4	PASS
NTNV	11BE20MIMO	Ant1	2412	1000~13000	7435.90	-61.18	≤-47	0.76208	≤20	PASS
NTNV	11BE20MIMO	Ant2	2412	1000~13000	7401.70	-61.85	≤-47	0.65313	≤20	PASS
NTNV	11BE20MIMO	Ant1	2442	30~1000	34.06	-74.17	≤-54	0.03828	≤4	PASS
NTNV	11BE20MIMO	Ant2	2442	30~1000	35.27	-74.97	≤-54	0.03184	≤4	PASS
NTNV	11BE20MIMO	Ant1	2442	1000~13000	6496.90	-61.41	≤-47	0.72277	≤20	PASS
NTNV	11BE20MIMO	Ant2	2442	1000~13000	6391.90	-61.59	≤-47	0.69343	≤20	PASS
NTNV	11BE20MIMO	Ant1	2472	30~1000	35.76	-74.70	≤-54	0.03388	≤4	PASS
NTNV	11BE20MIMO	Ant2	2472	30~1000	35.64	-75.18	≤-54	0.03034	≤4	PASS
NTNV	11BE20MIMO	Ant1	2472	1000~13000	7453.30	-61.71	≤-47	0.67453	≤20	PASS
NTNV	11BE20MIMO	Ant2	2472	1000~13000	2595.70	-60.28	≤-47	0.93756	≤20	PASS
NTNV	11BE40MIMO	Ant1	2422	30~1000	34.06	-73.68	≤-54	0.04285	≤4	PASS
NTNV	11BE40MIMO	Ant2	2422	30~1000	36.00	-74.31	≤-54	0.03707	≤4	PASS
NTNV	11BE40MIMO	Ant1	2422	1000~13000	7458.70	-61.37	≤-47	0.72946	≤20	PASS
NTNV	11BE40MIMO	Ant2	2422	1000~13000	7467.10	-62.01	≤-47	0.62951	≤20	PASS
NTNV	11BE40MIMO	Ant1	2442	30~1000	32.00	-74.61	≤-54	0.03459	≤4	PASS
NTNV	11BE40MIMO	Ant2	2442	30~1000	31.03	-75.24	≤-54	0.02992	≤4	PASS
NTNV	11BE40MIMO	Ant1	2442	1000~13000	7476.10	-61.50	≤-47	0.70795	≤20	PASS
NTNV	11BE40MIMO	Ant2	2442	1000~13000	7449.70	-61.20	≤-47	0.75858	≤20	PASS
NTNV	11BE40MIMO	Ant1	2462	30~1000	30.55	-74.57	≤-54	0.03491	≤4	PASS
NTNV	11BE40MIMO	Ant2	2462	30~1000	32.00	-73.64	≤-54	0.04325	≤4	PASS
NTNV	11BE40MIMO	Ant1	2462	1000~13000	7495.90	-61.75	≤-47	0.66834	≤20	PASS
NTNV	11BE40MIMO	Ant2	2462	1000~13000	7489.90	-60.29	≤-47	0.93541	≤20	PASS

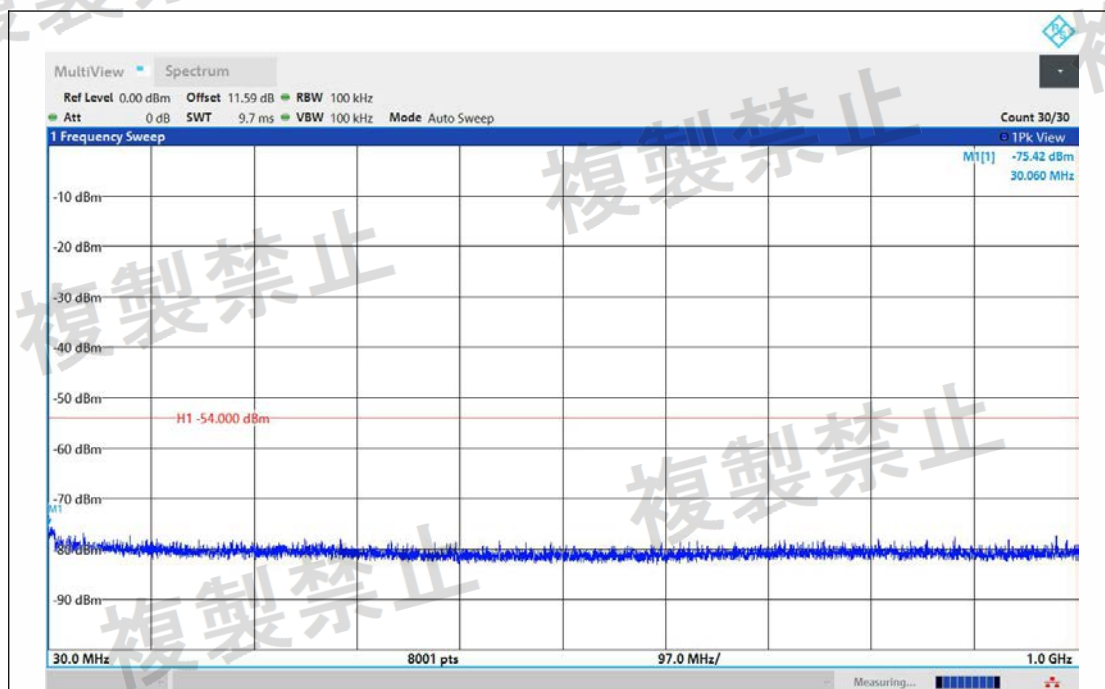




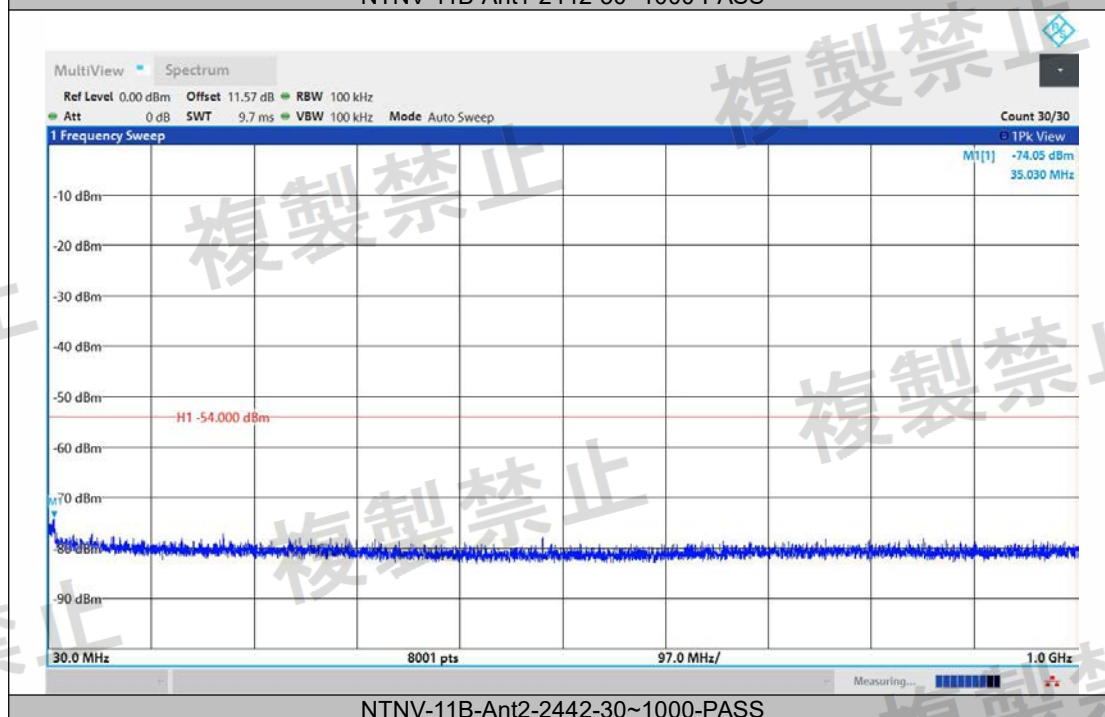
NTNV-11B-Ant1-2412-1000~13000-PASS



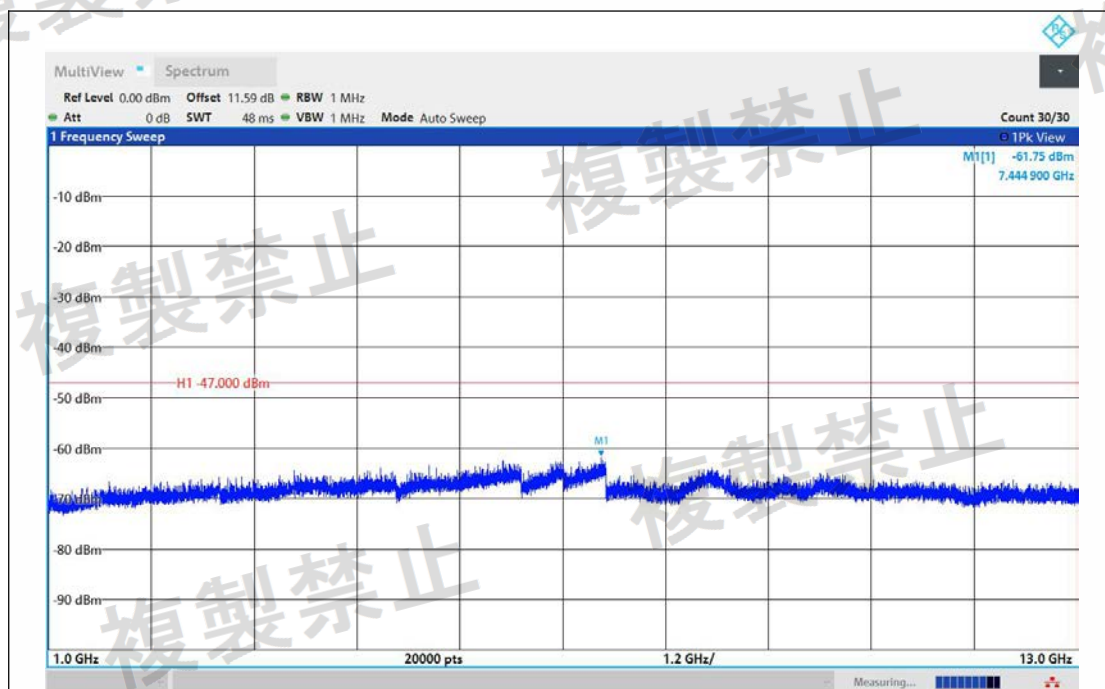
NTNV-11B-Ant2-2412-1000~13000-PASS



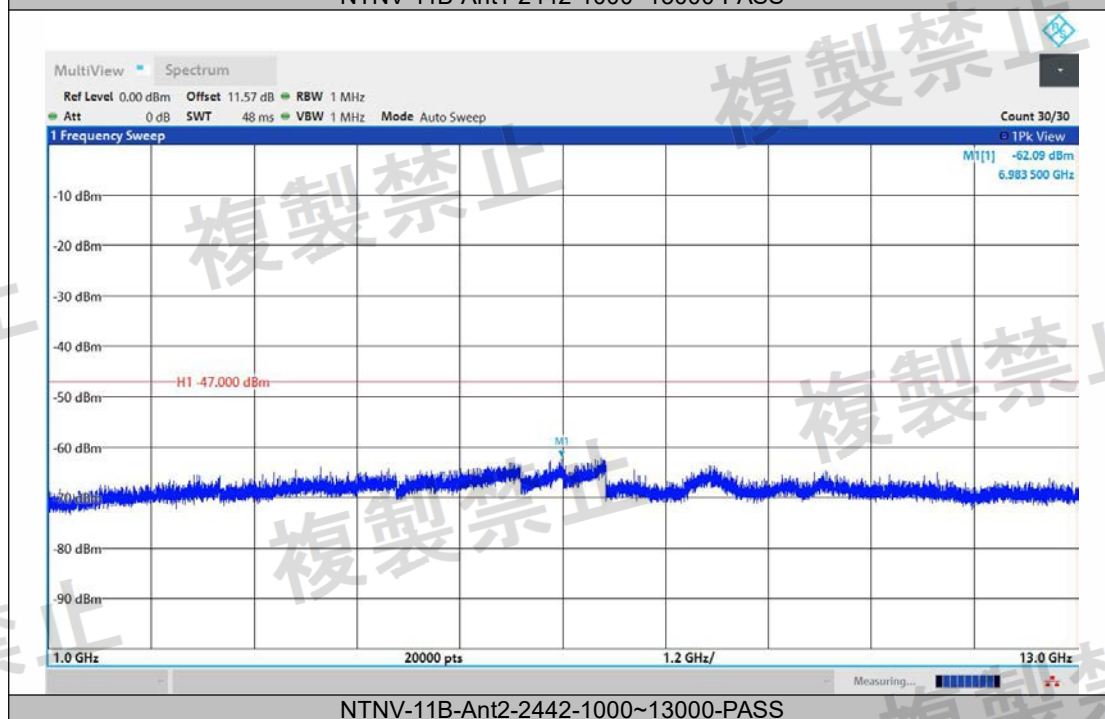
NTNV-11B-Ant1-2442-30~1000-PASS



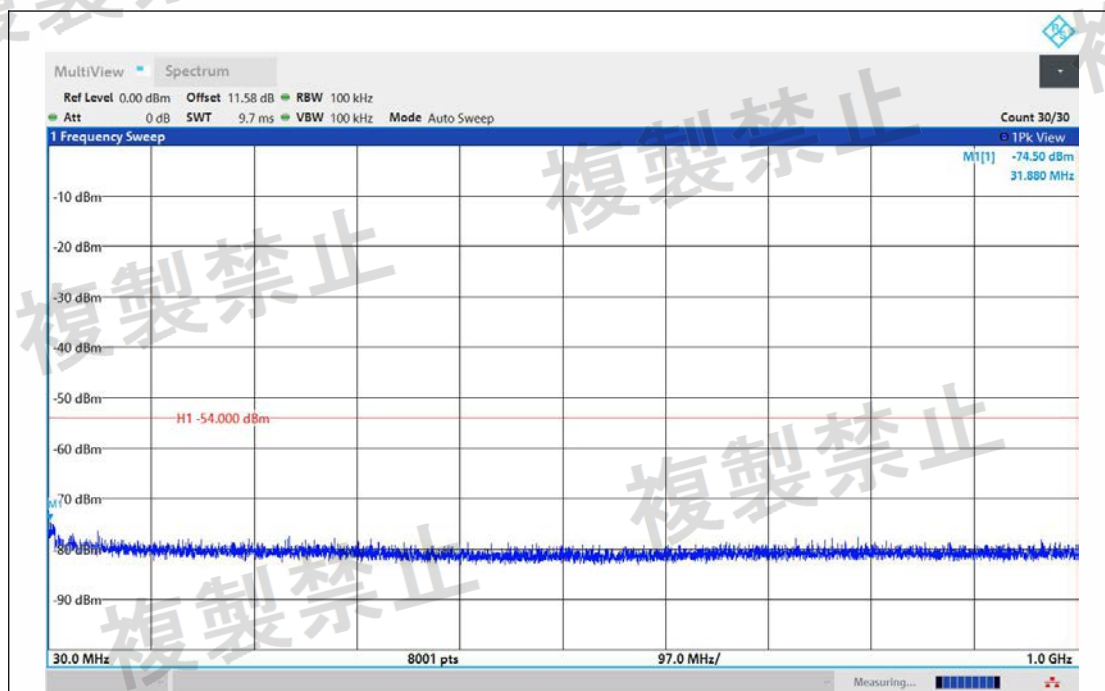
NTNV-11B-Ant2-2442-30~1000-PASS



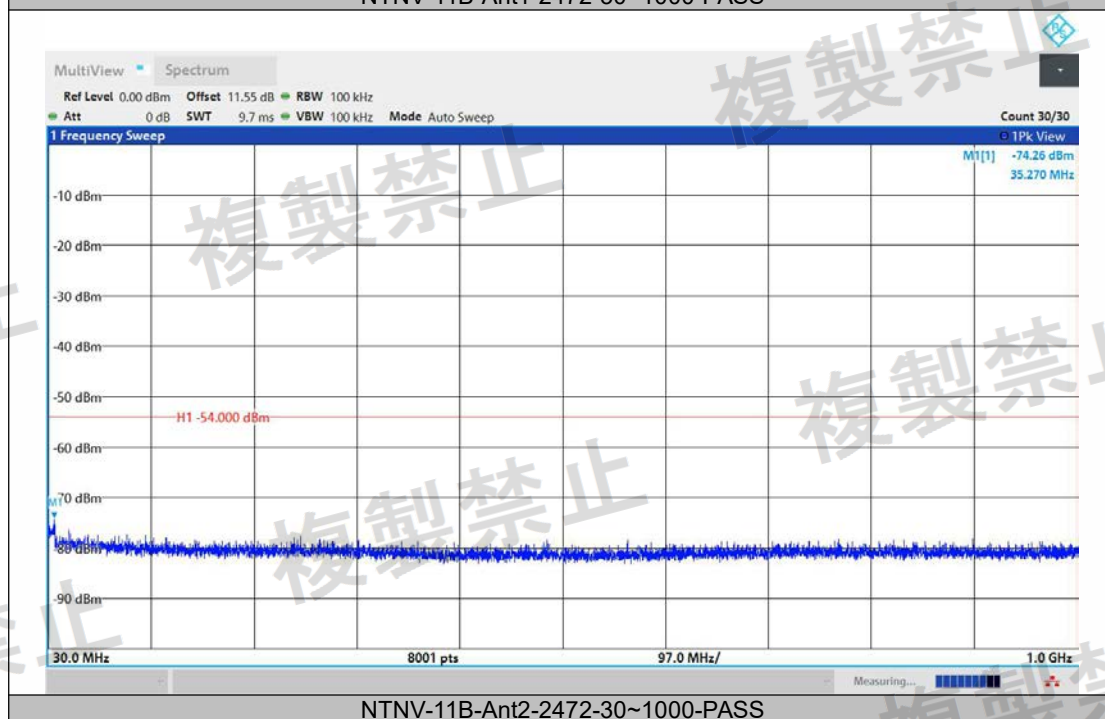
NTNV-11B-Ant1-2442-1000~13000-PASS



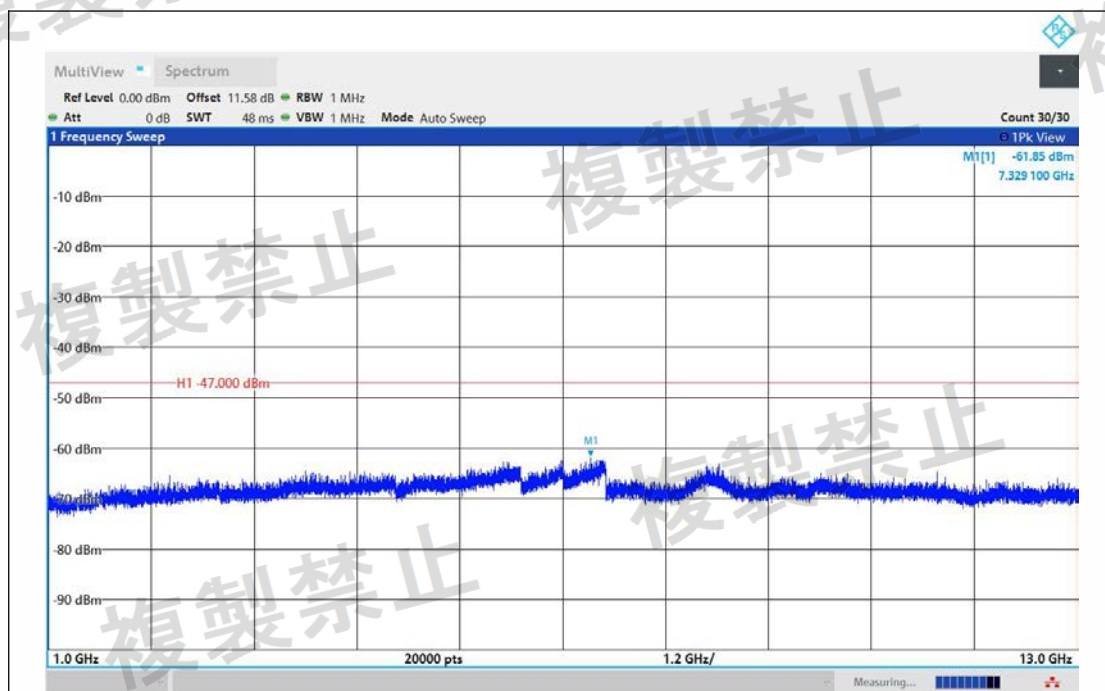
NTNV-11B-Ant2-2442-1000~13000-PASS



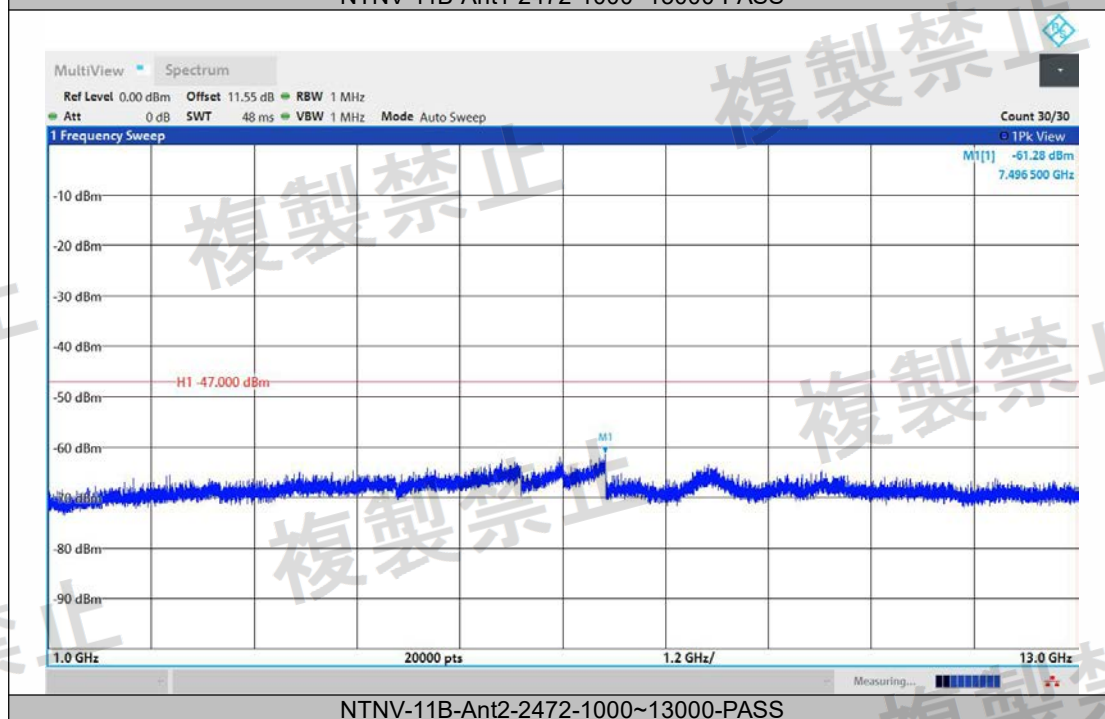
NTNV-11B-Ant1-2472-30~1000-PASS



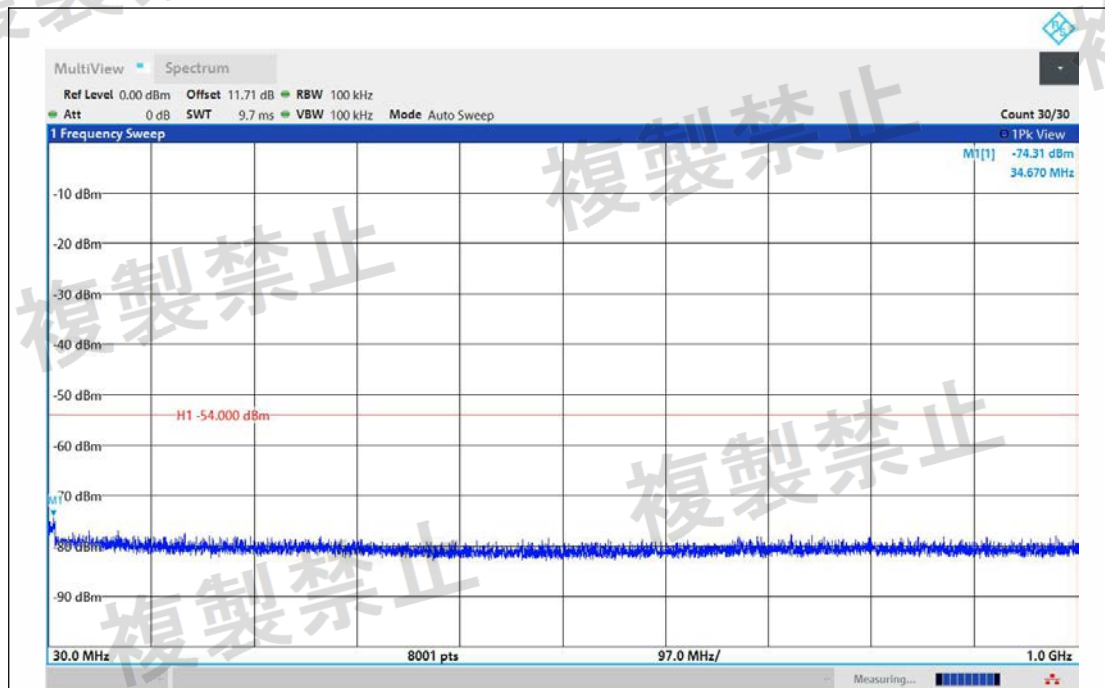
NTNV-11B-Ant2-2472-30~1000-PASS



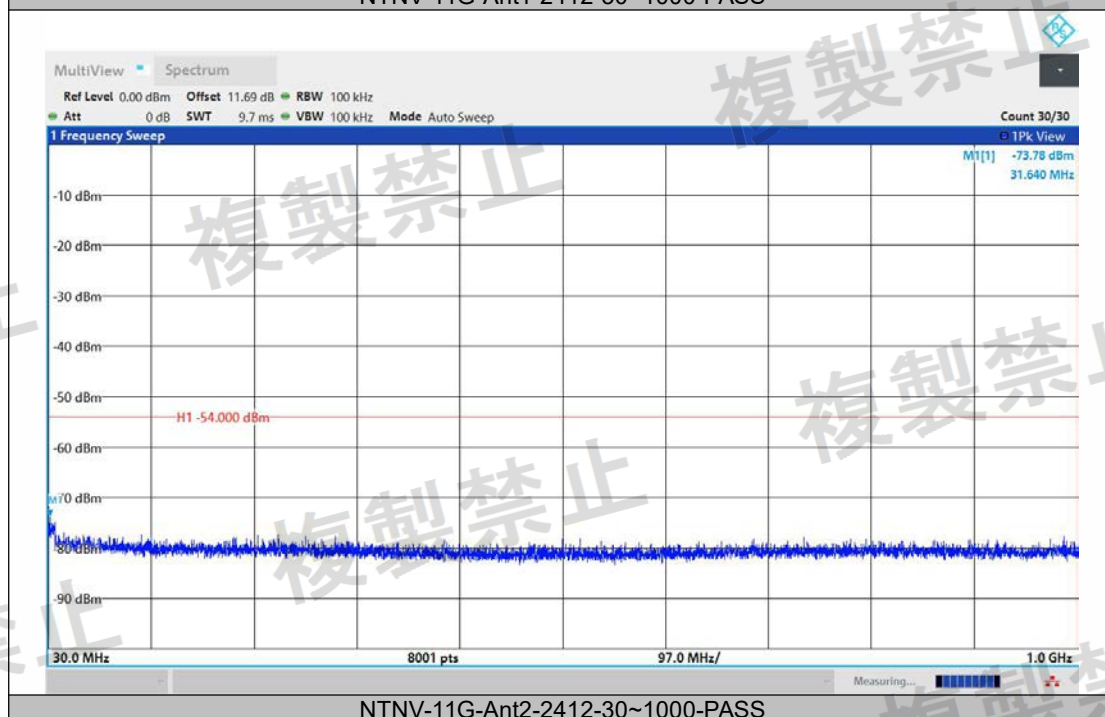
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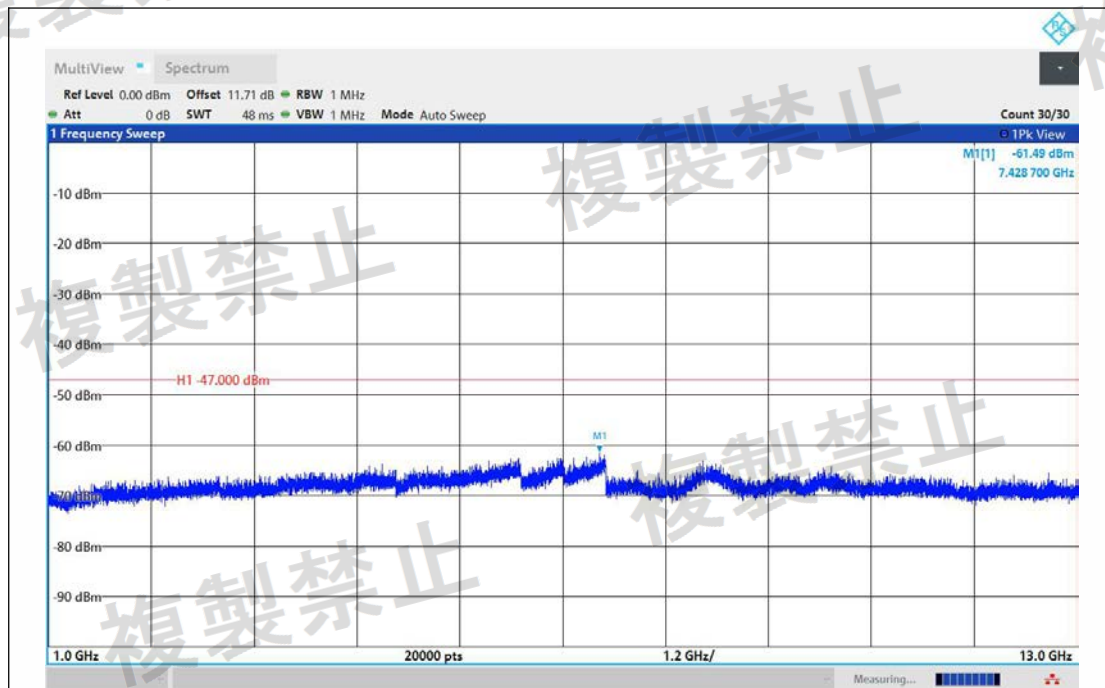
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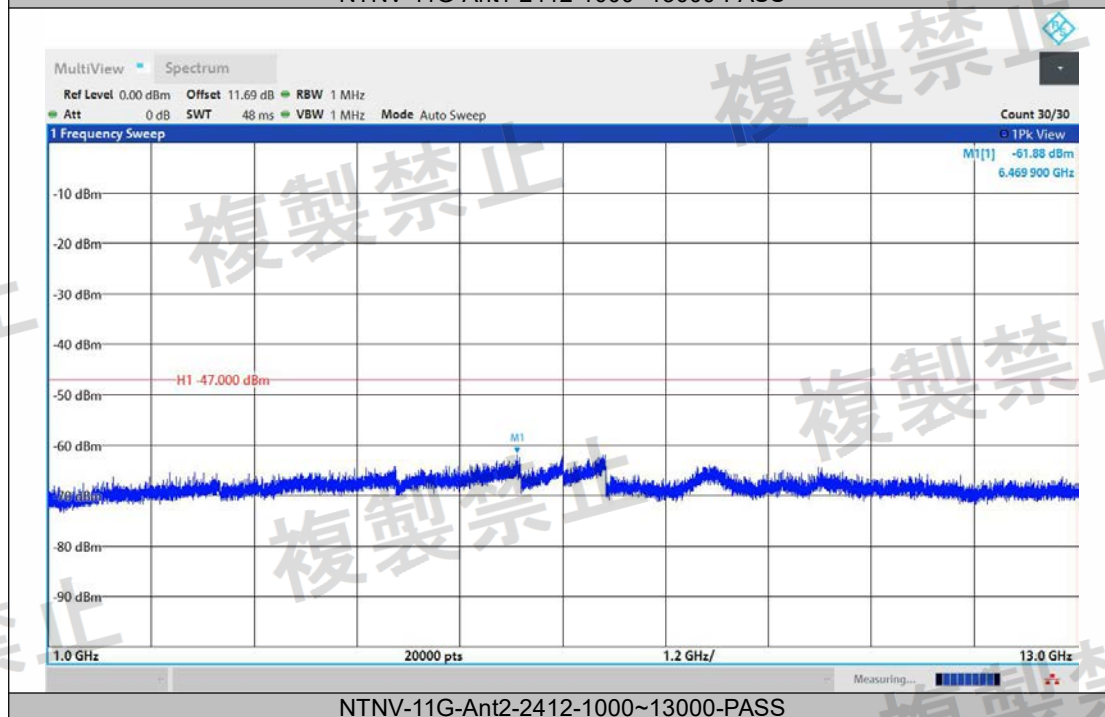
NTNV-11G-Ant1-2412-30~1000-PASS



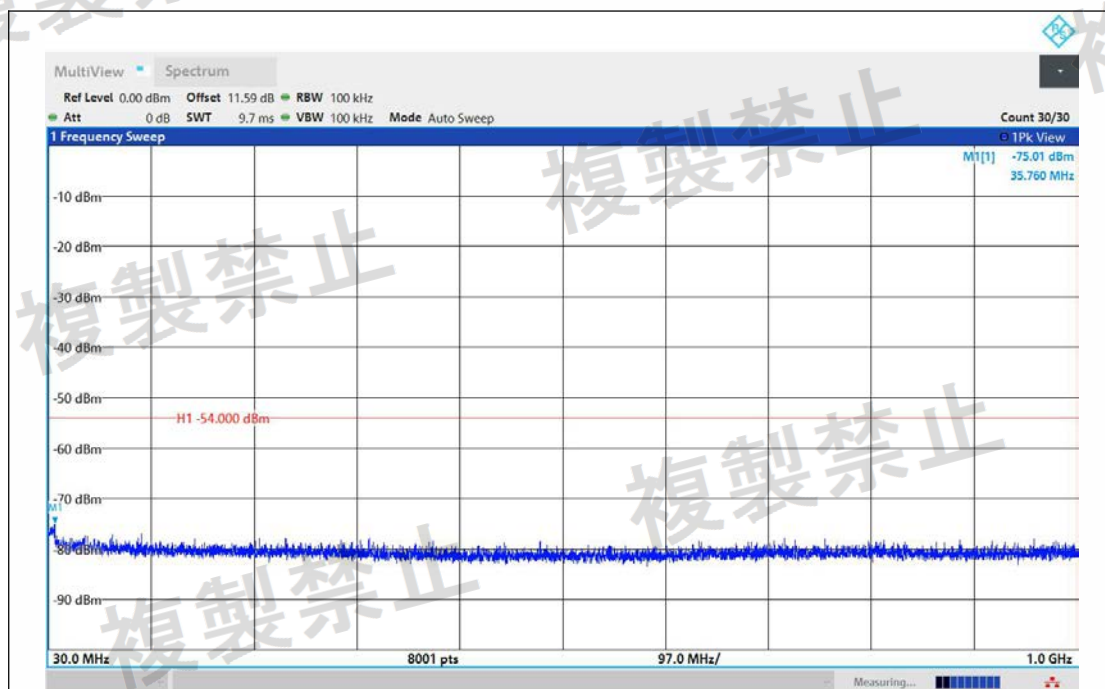
NTNV-11G-Ant2-2412-30~1000-PASS



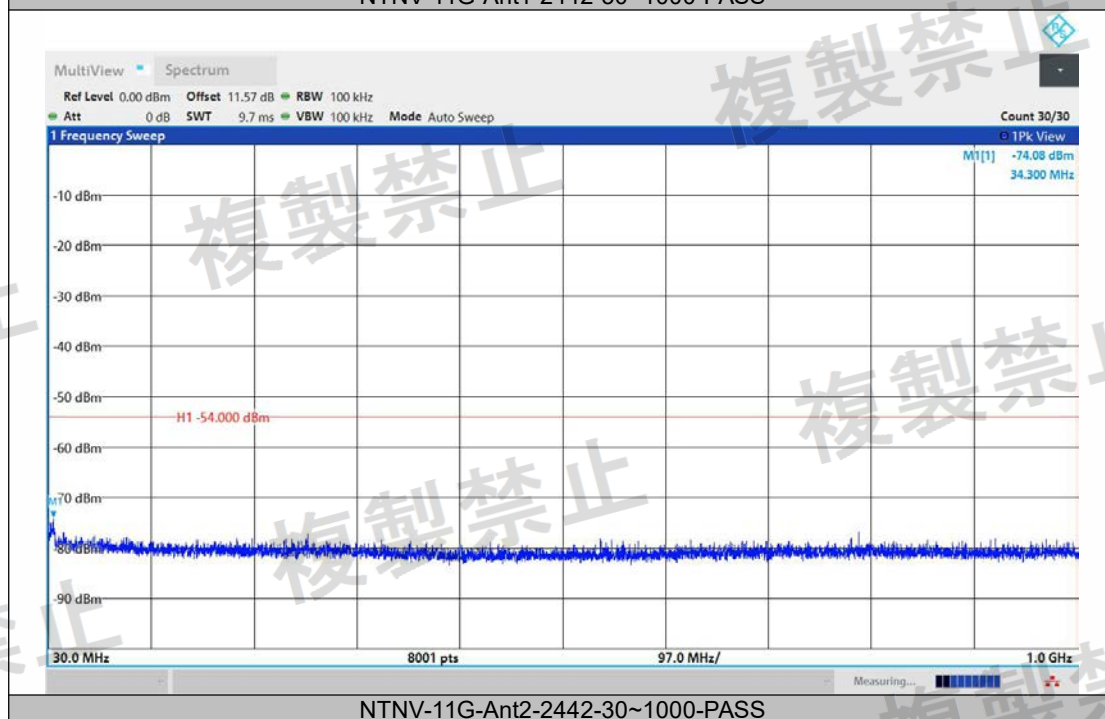
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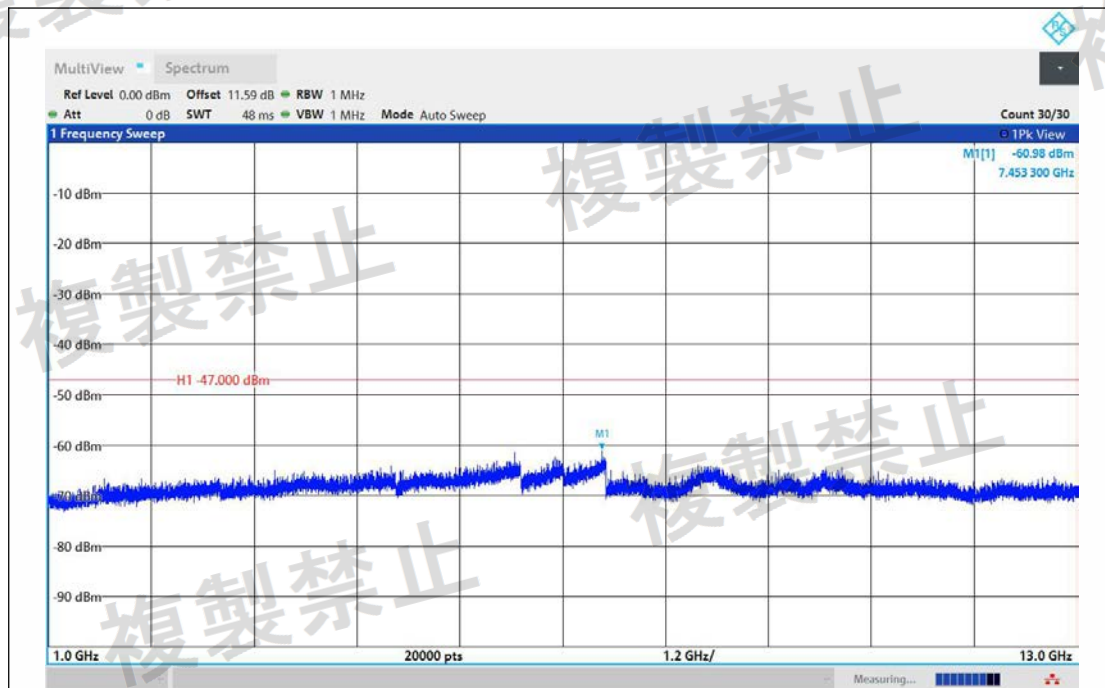
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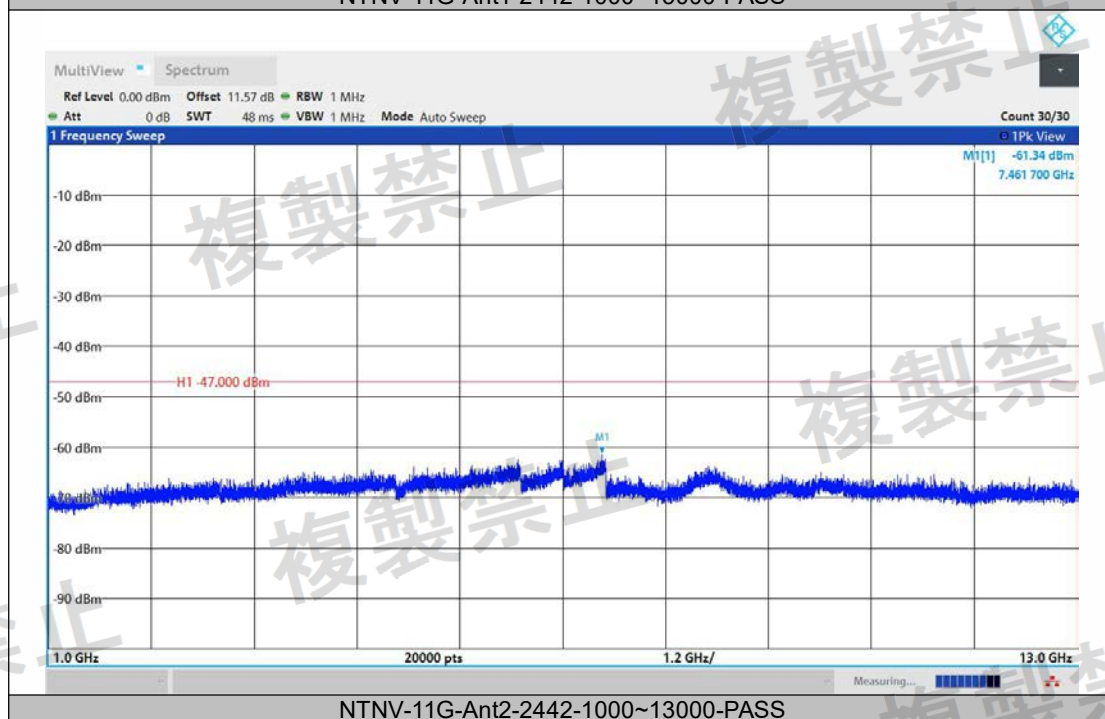
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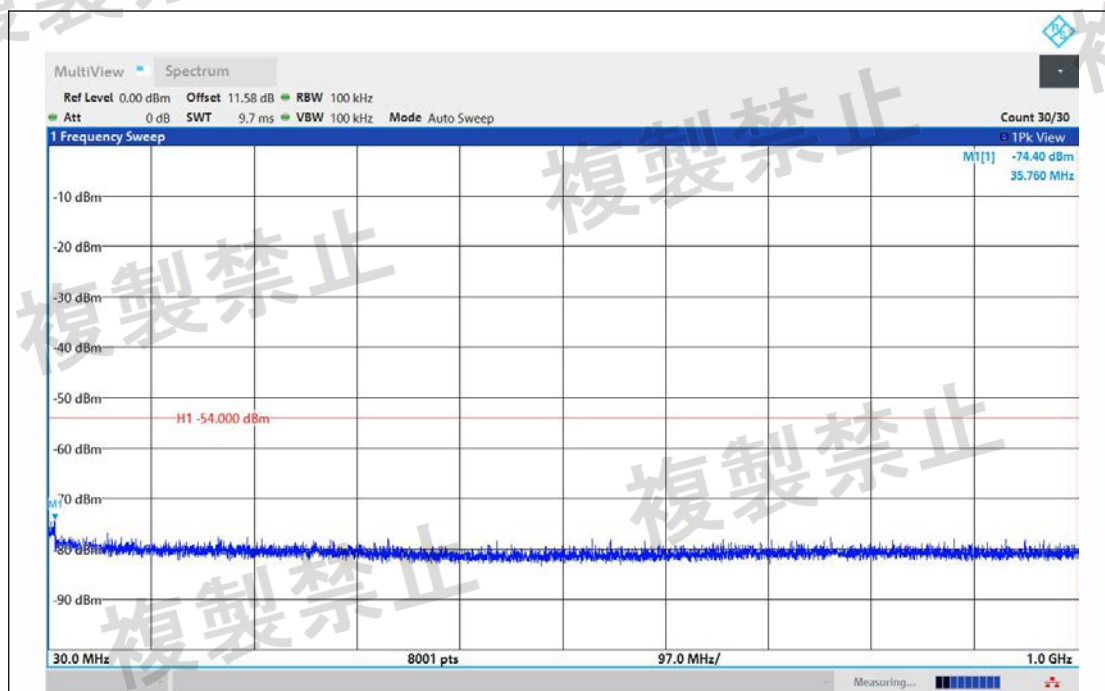
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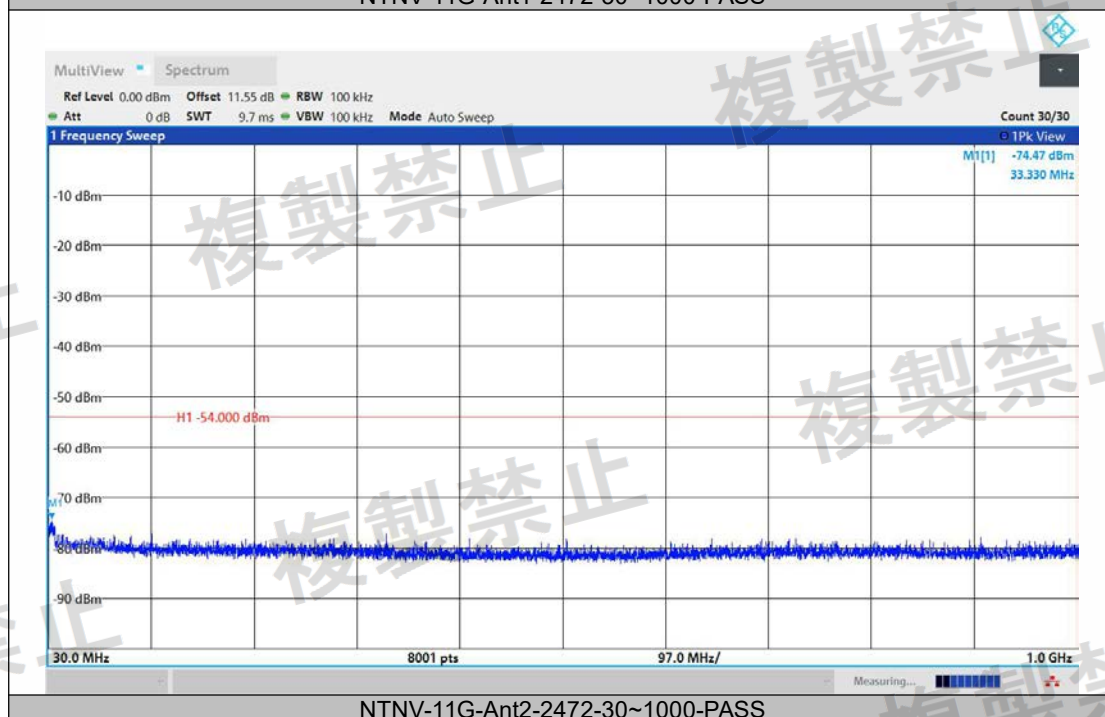
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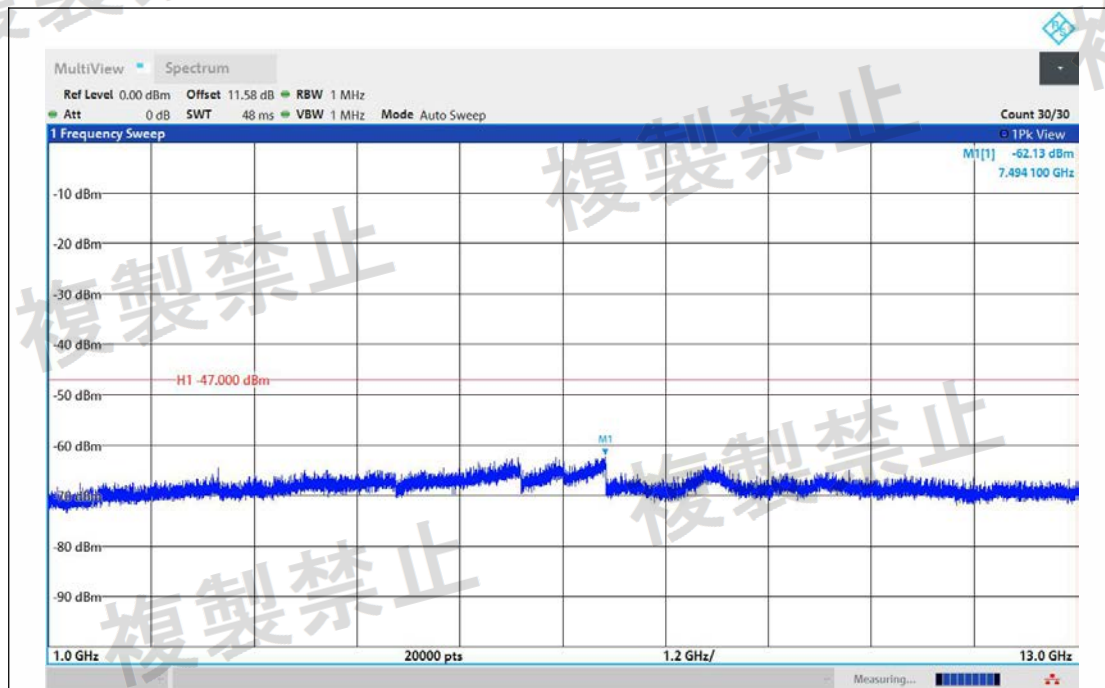
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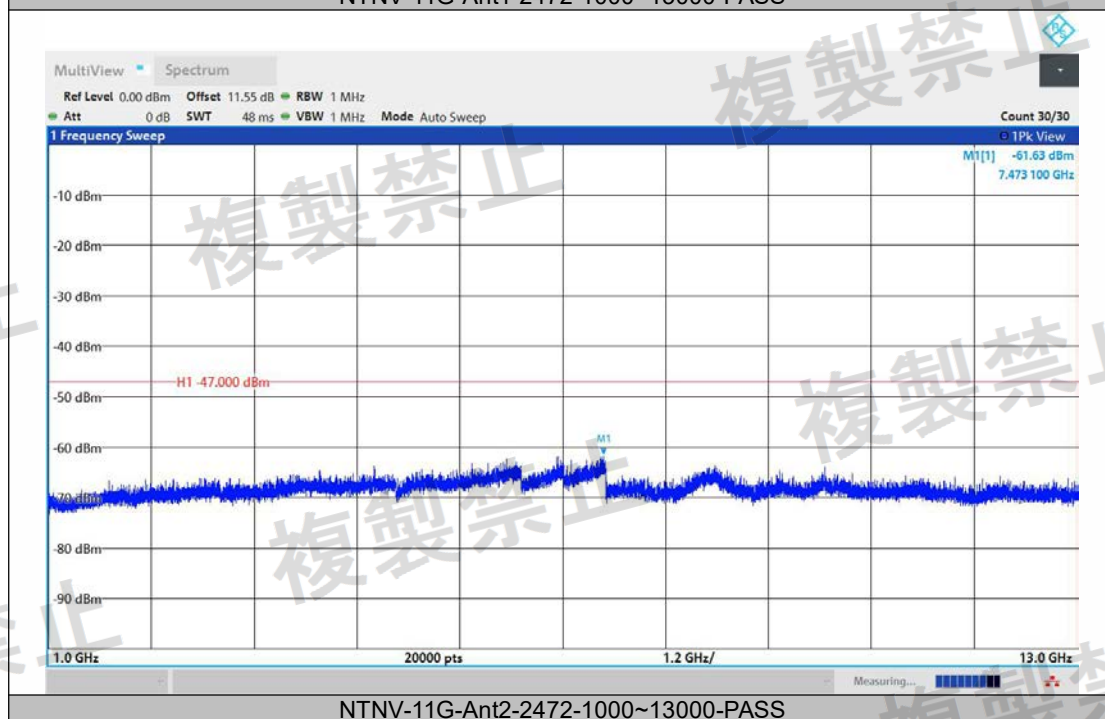
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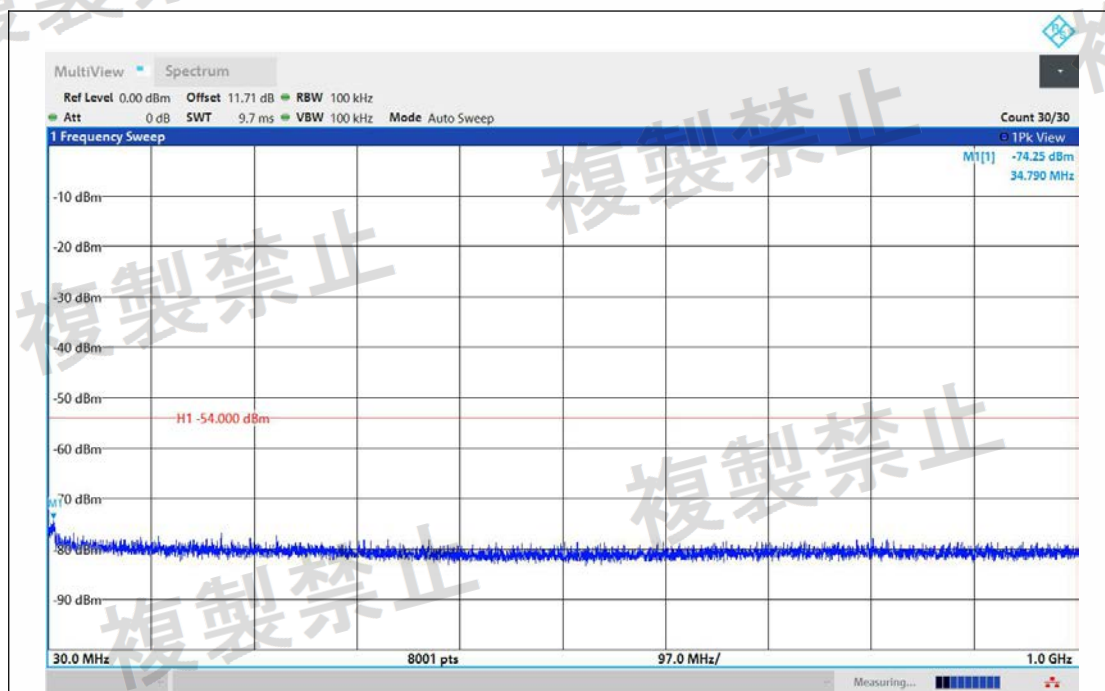
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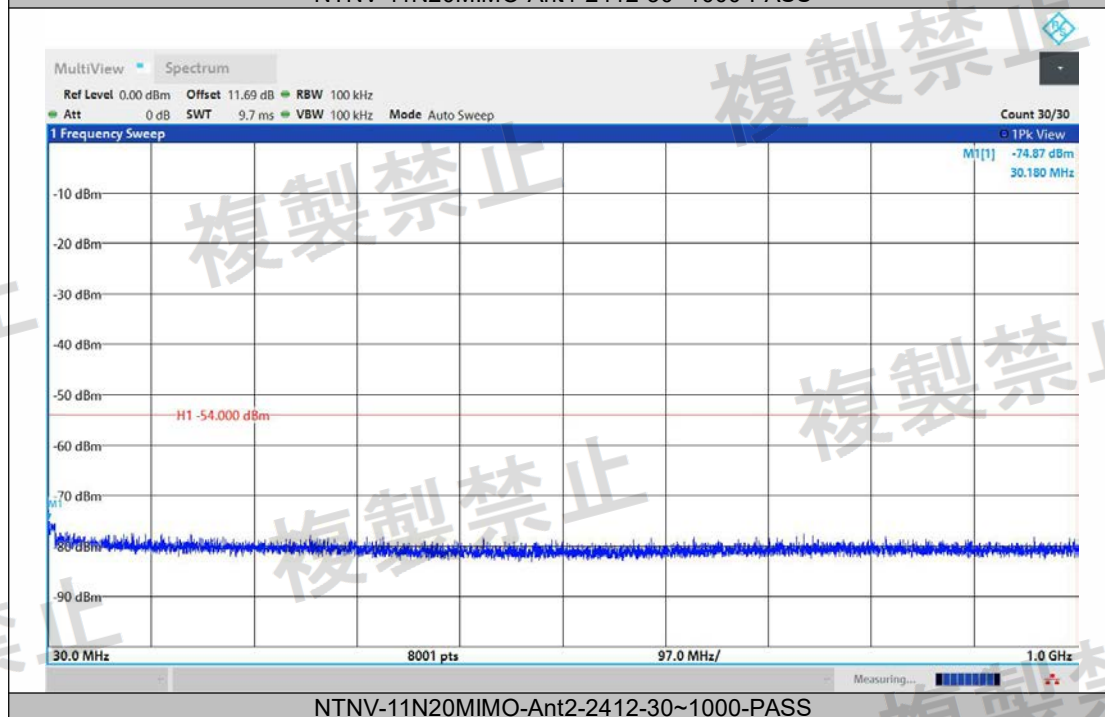
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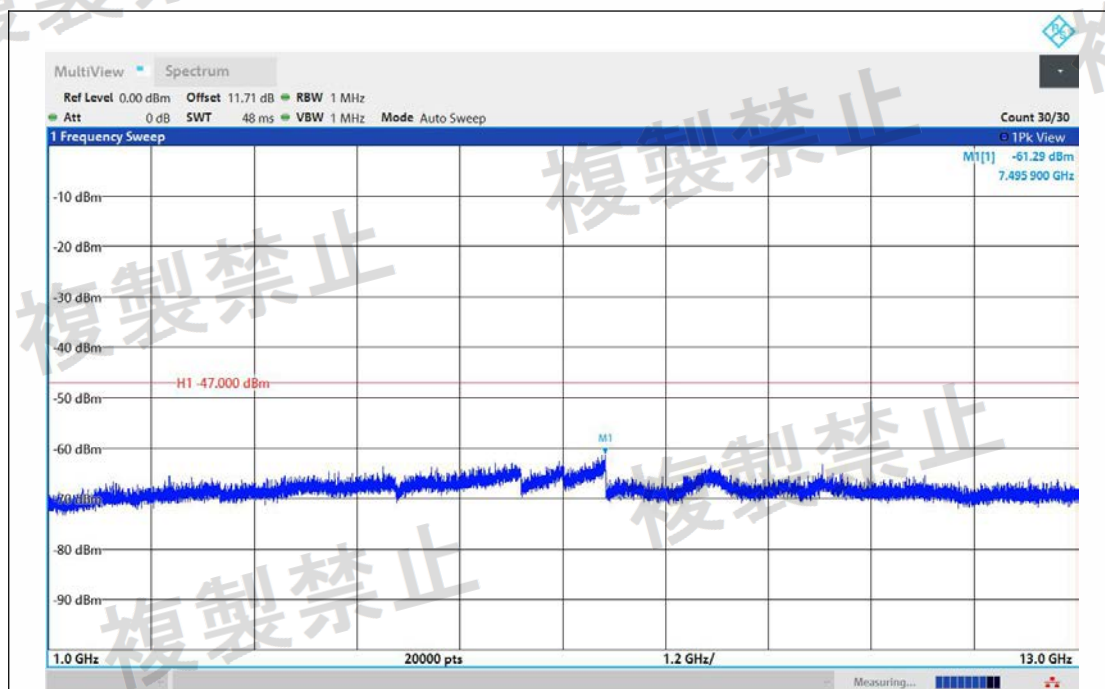
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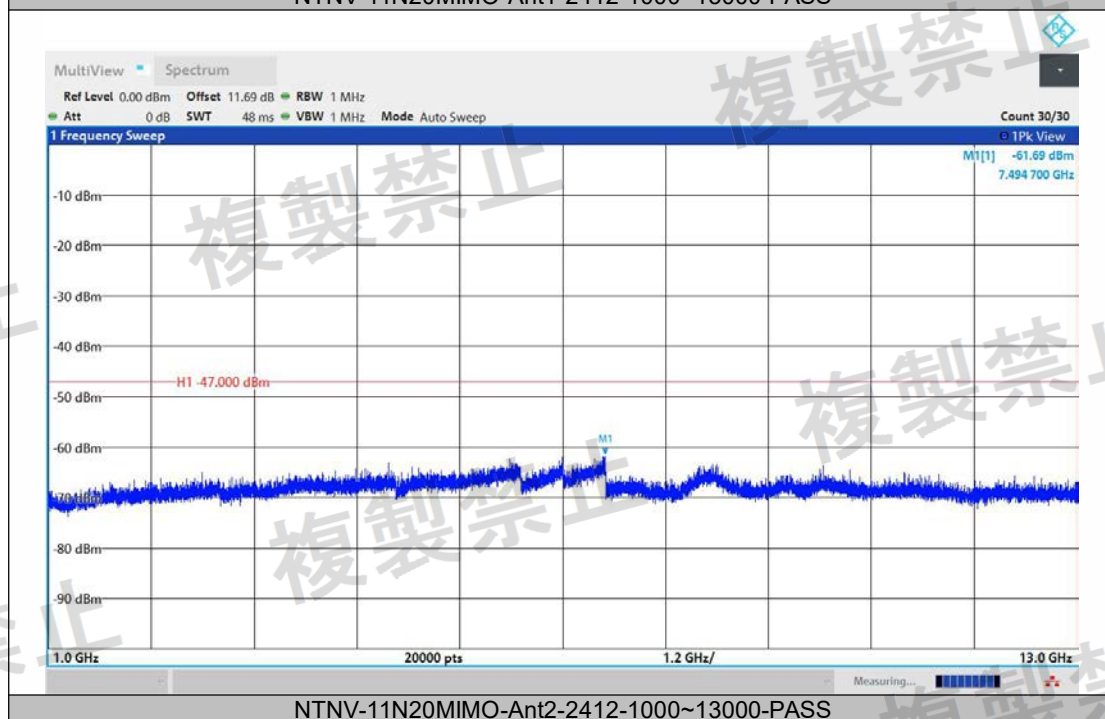
NTNV-11N20MIMO-Ant1-2412-30~1000-PASS



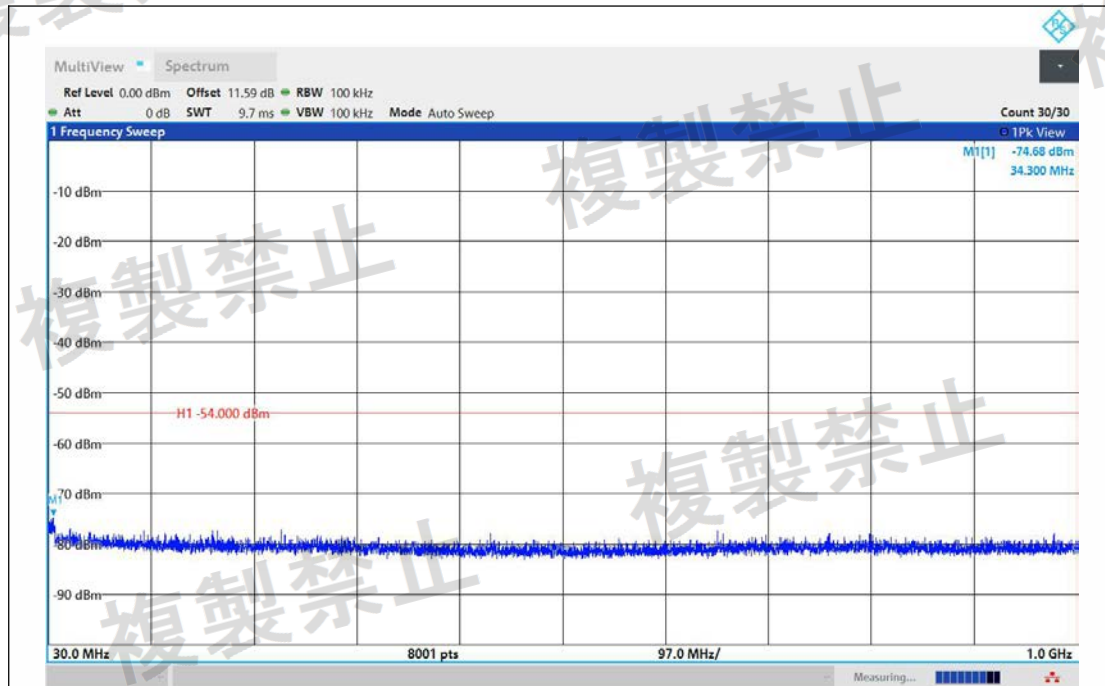
NTNV-11N20MIMO-Ant2-2412-30~1000-PASS



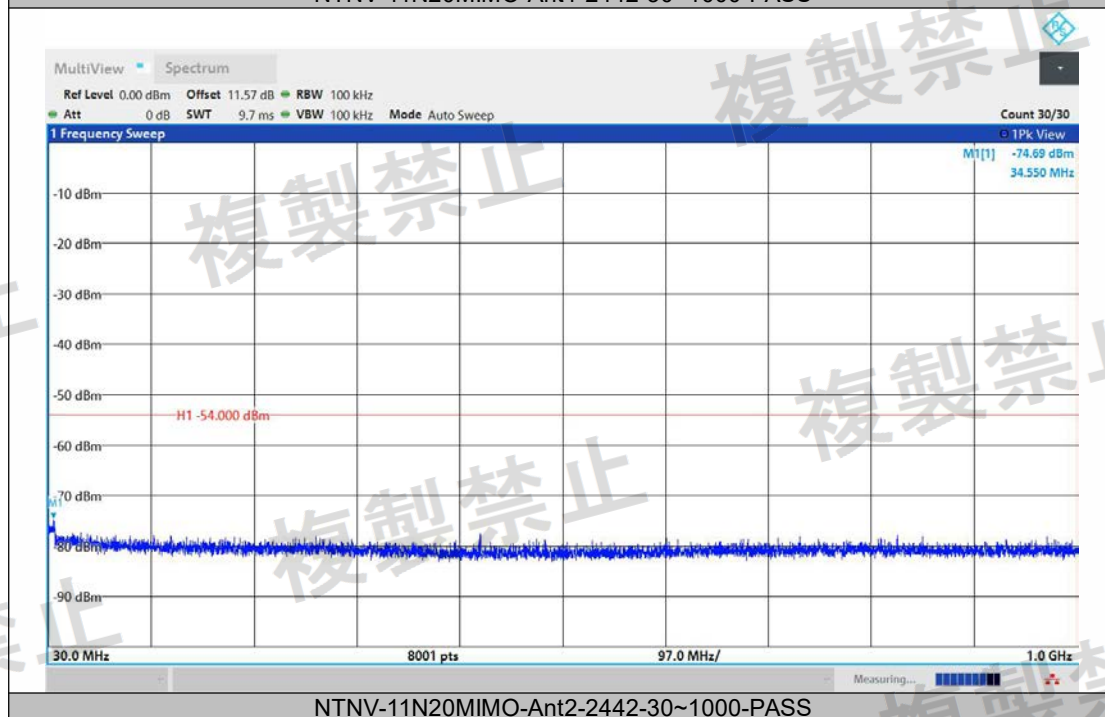
NTNV-11N20MIMO-Ant1-2412-1000~13000-PASS



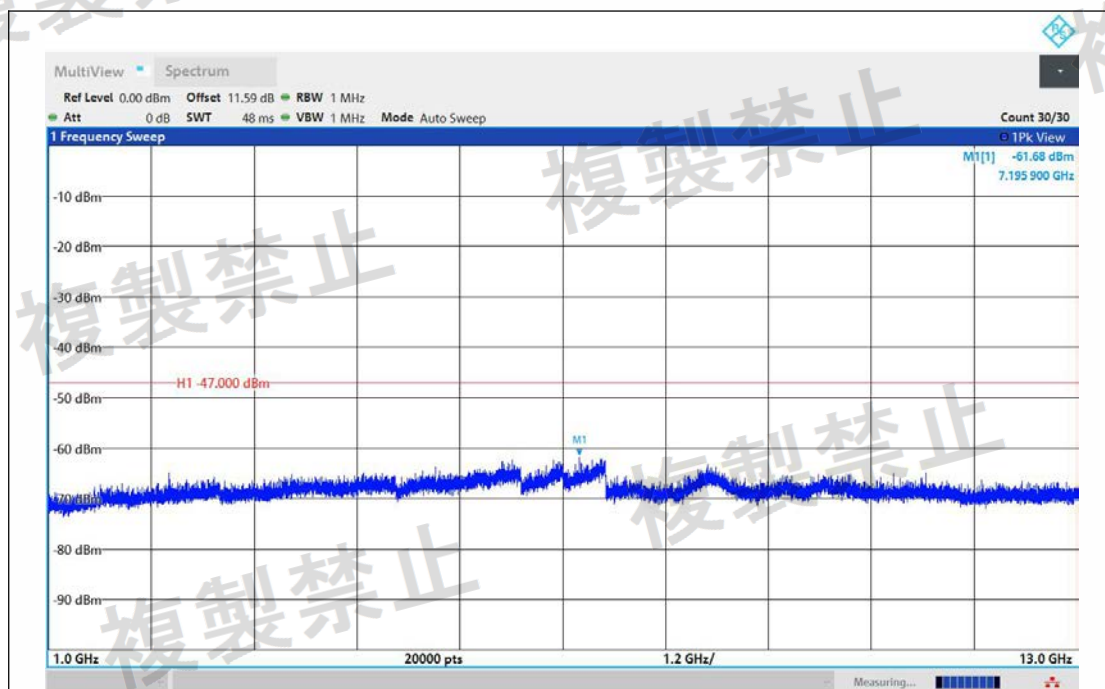
NTNV-11N20MIMO-Ant2-2412-1000~13000-PASS



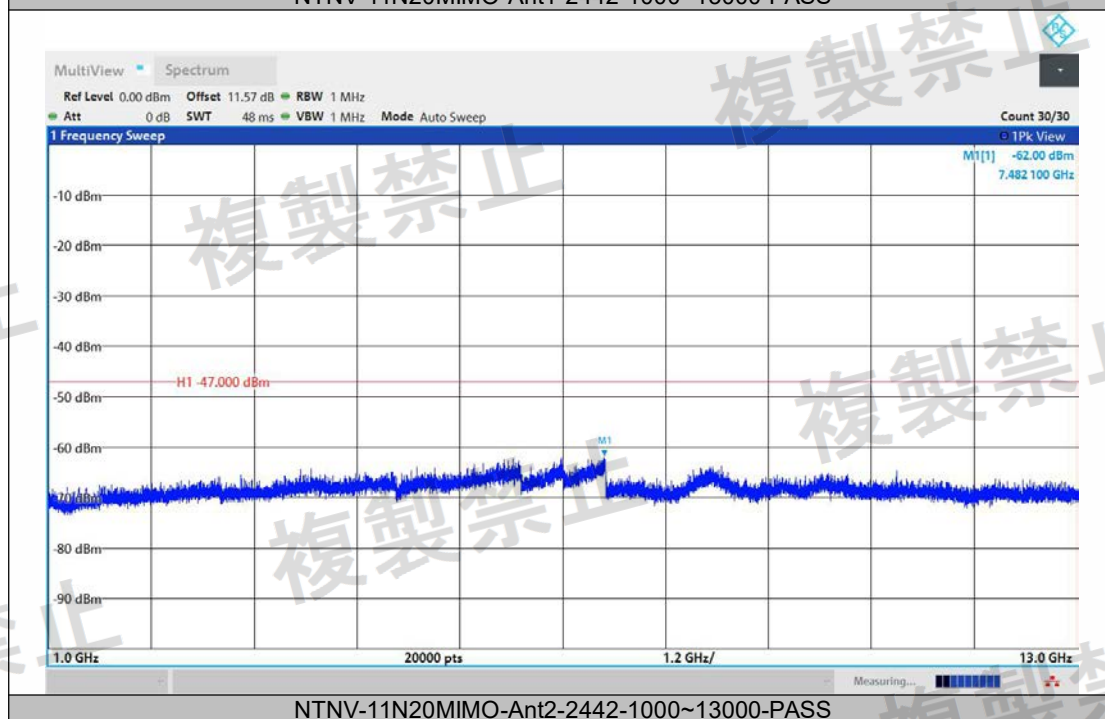
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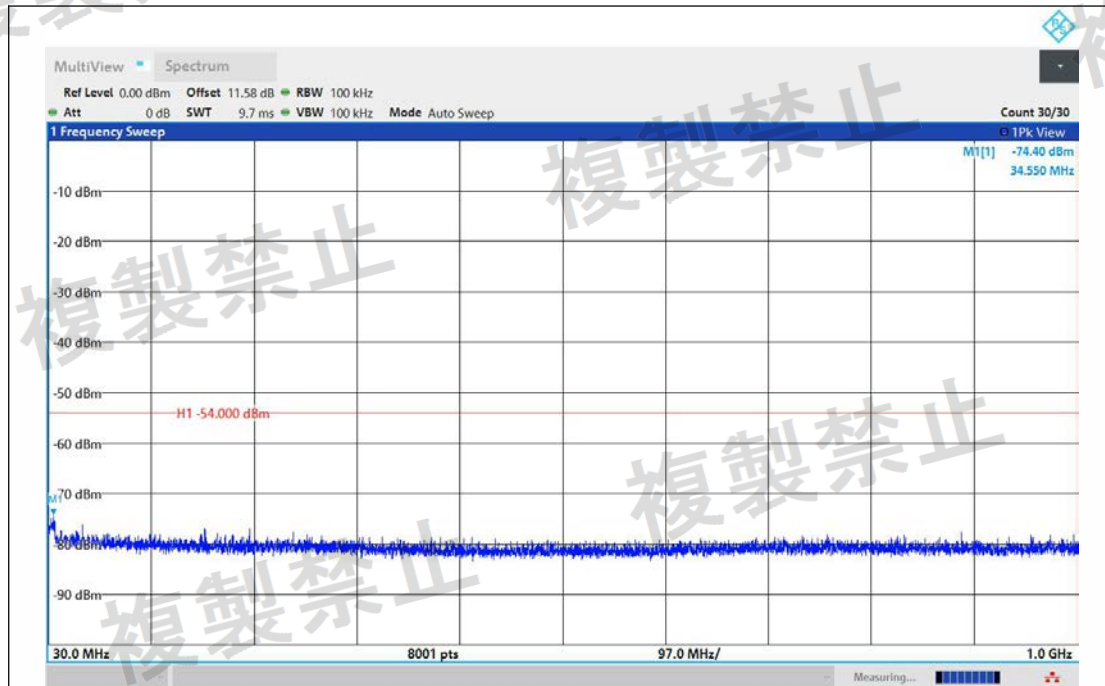
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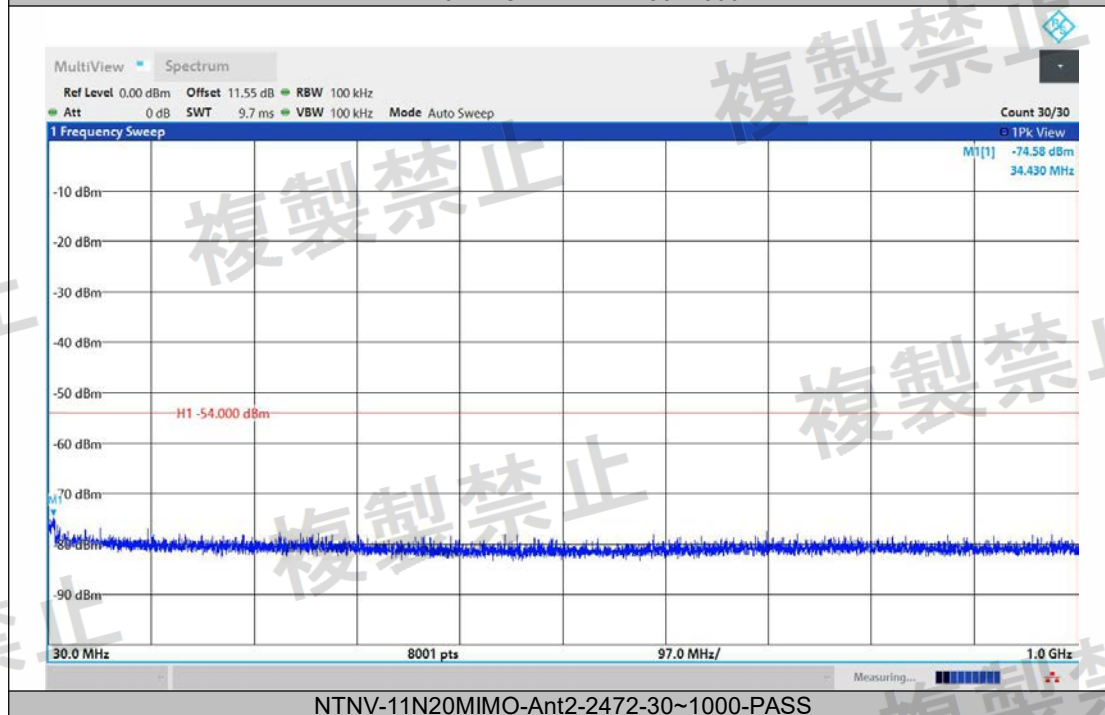
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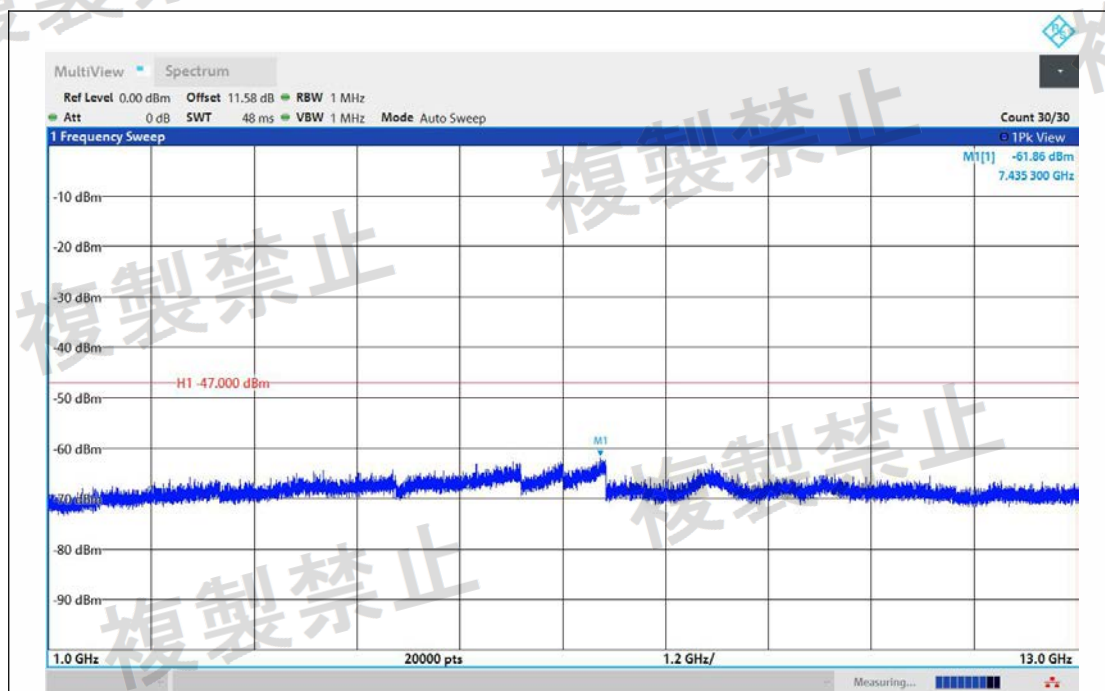
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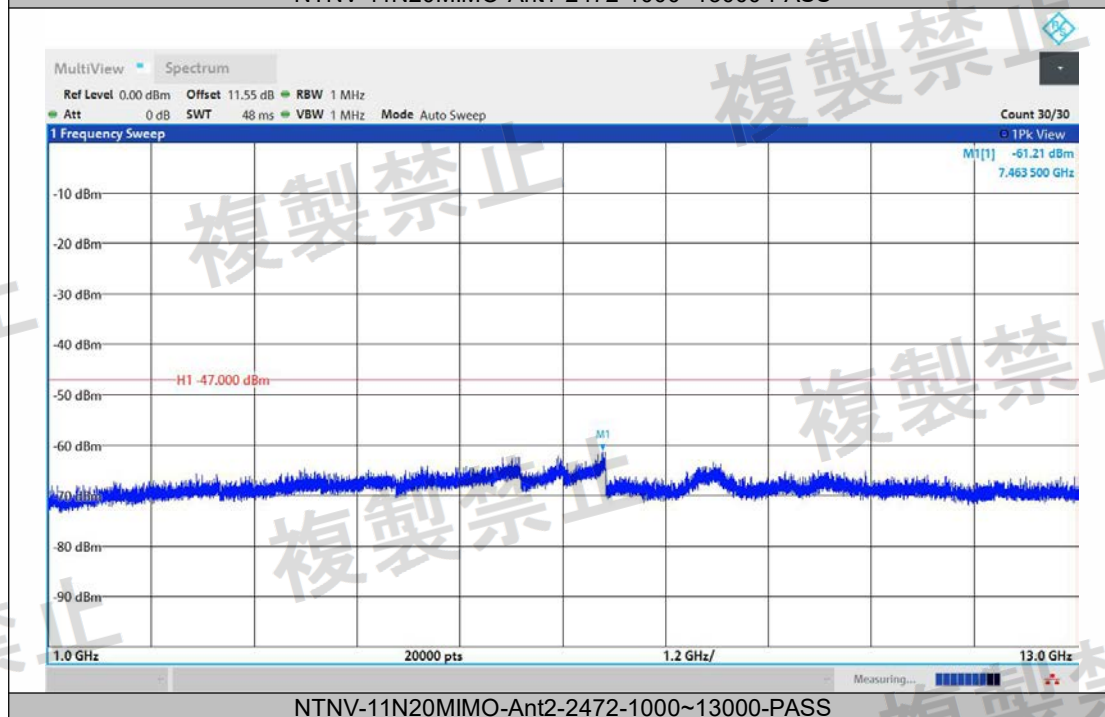
NTNV-11N20MIMO-Ant1-2472-30~1000-PASS



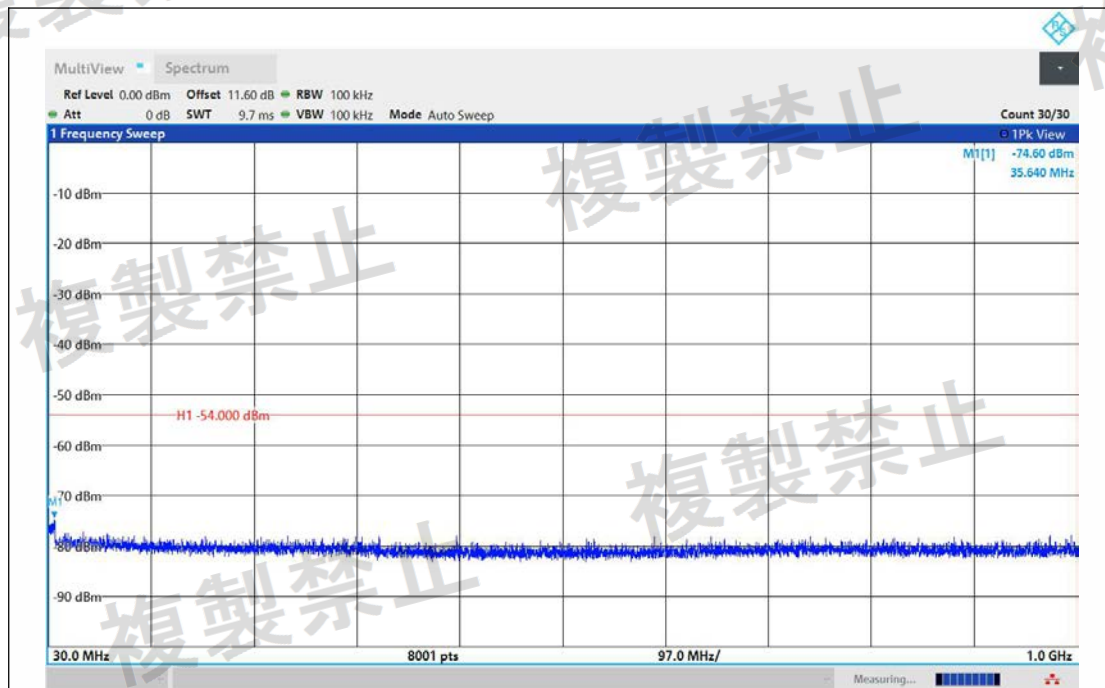
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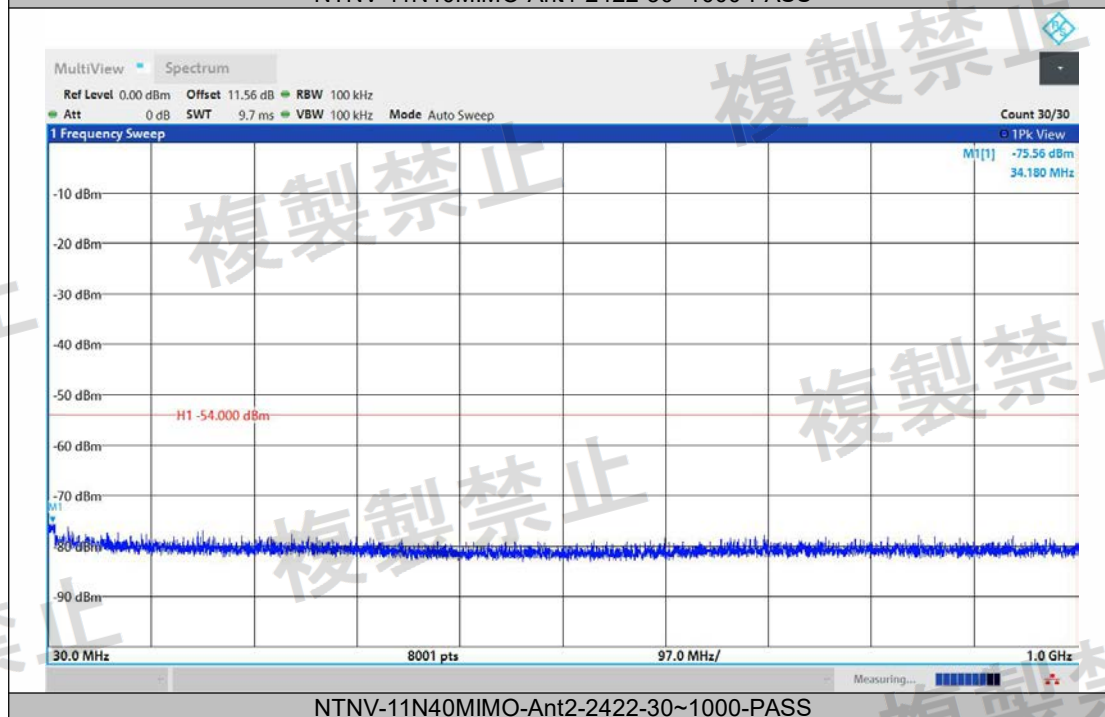
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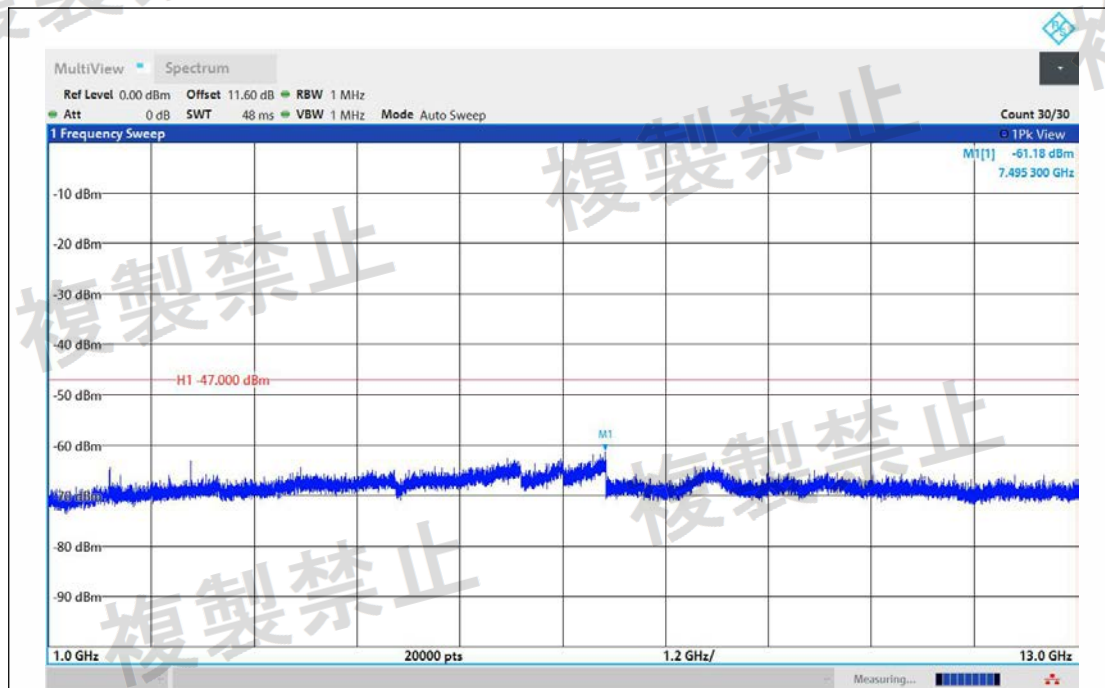
NTNV-11N20MIMO-Ant2-2472-1000~13000-PASS



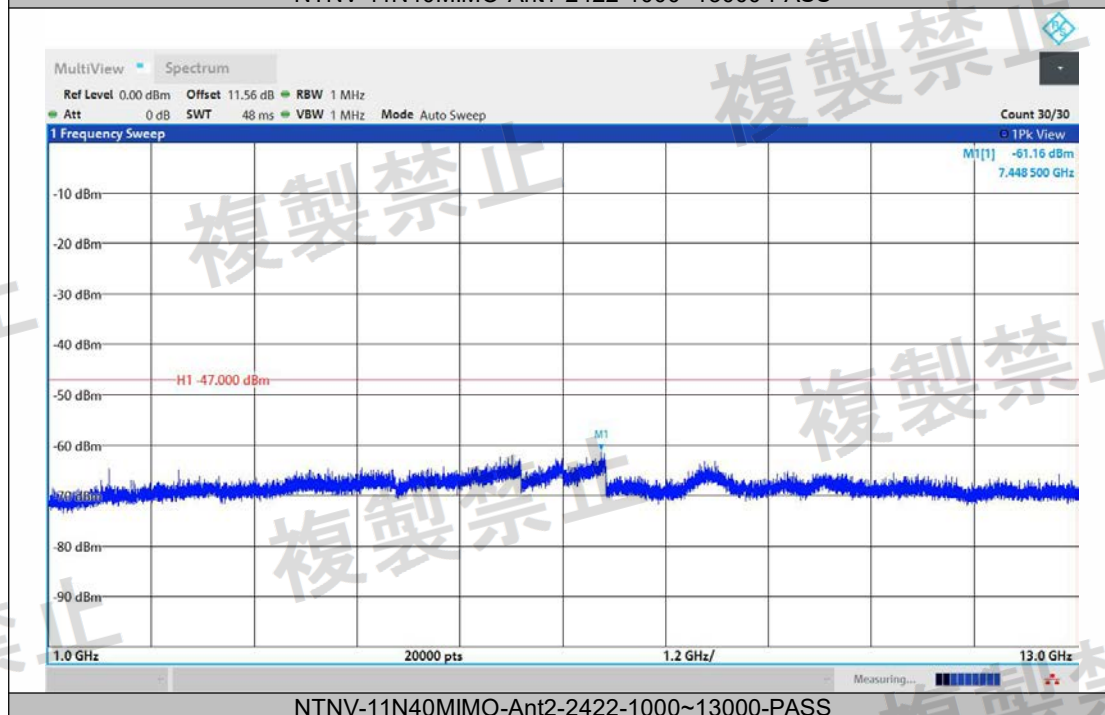
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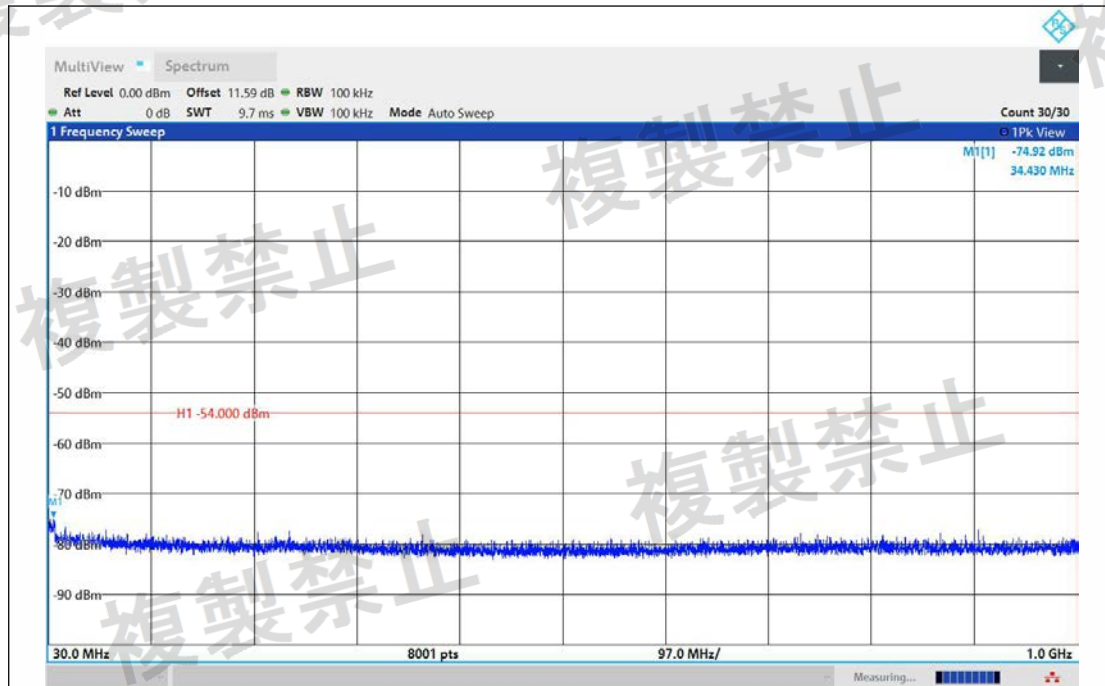
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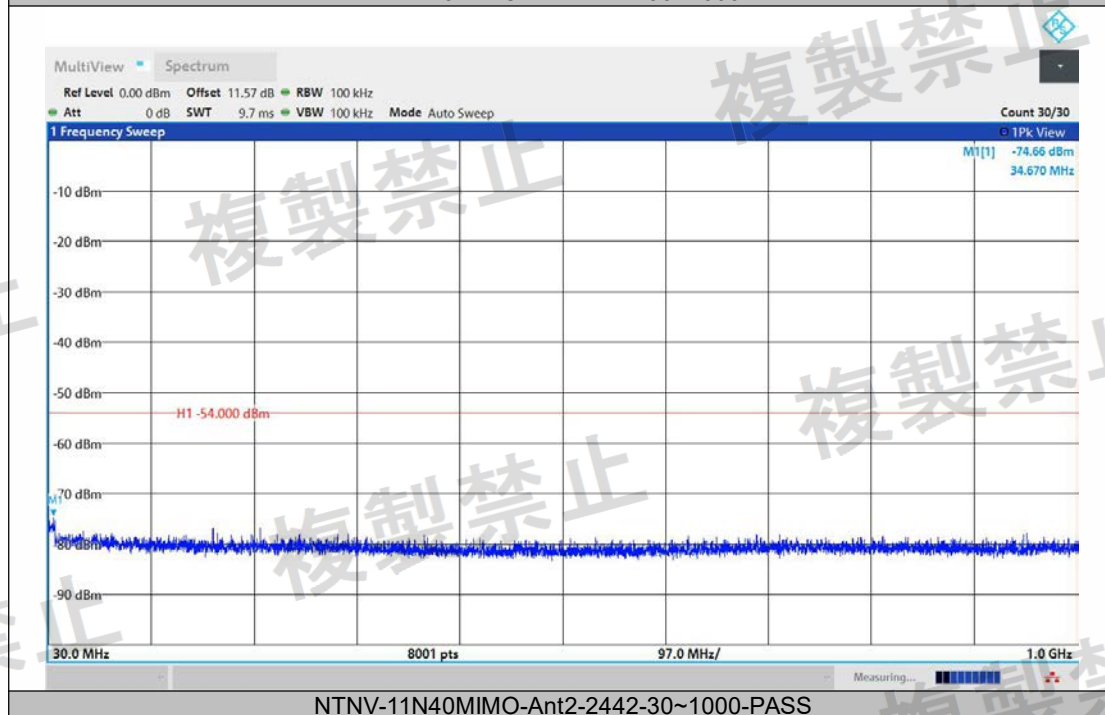
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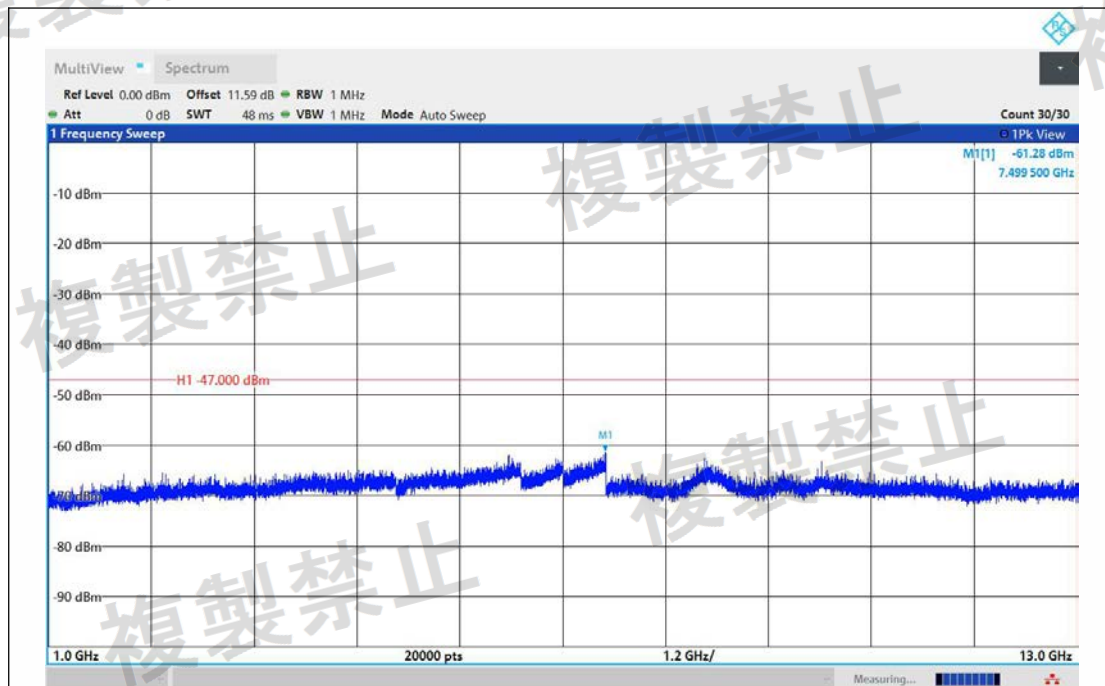
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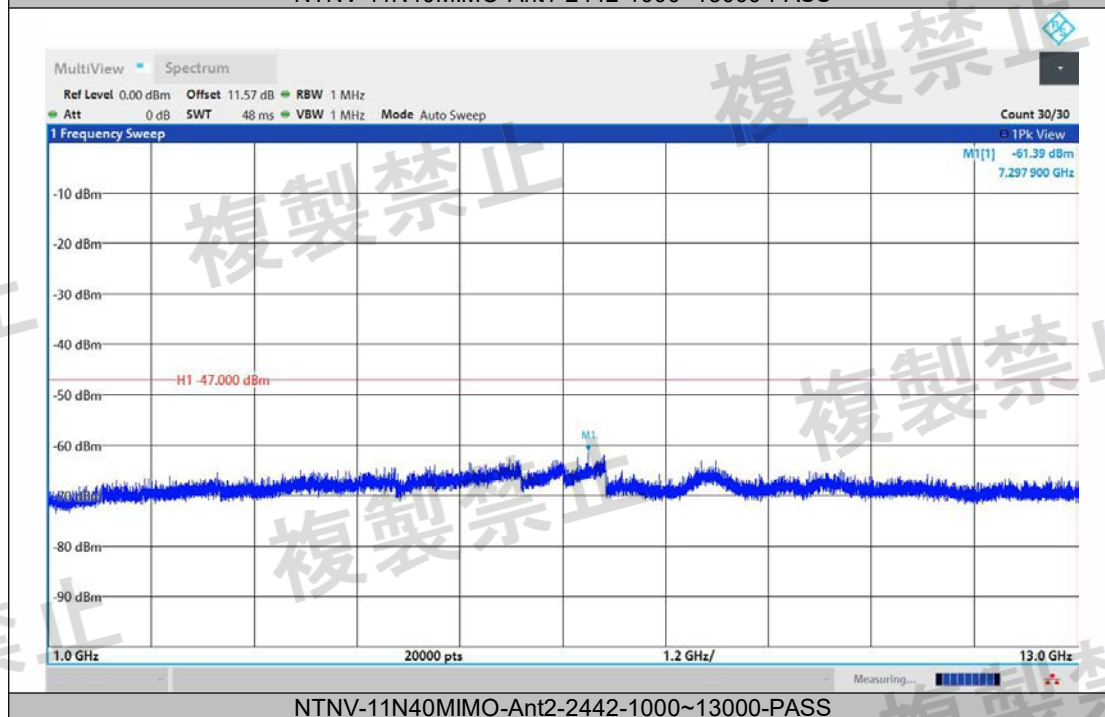
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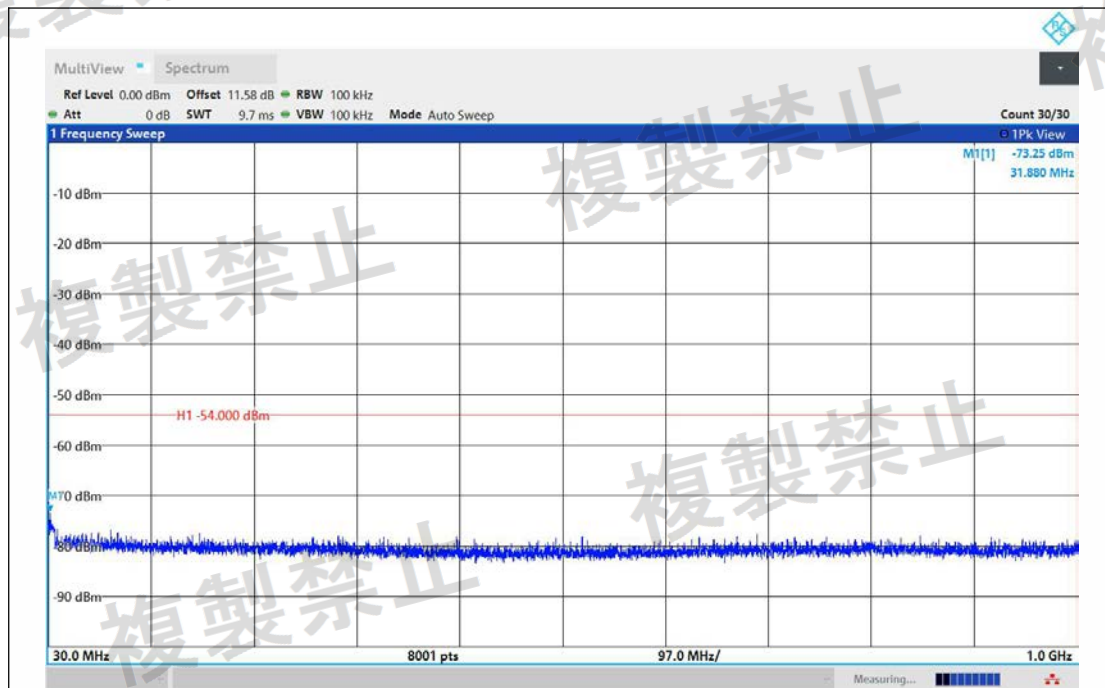
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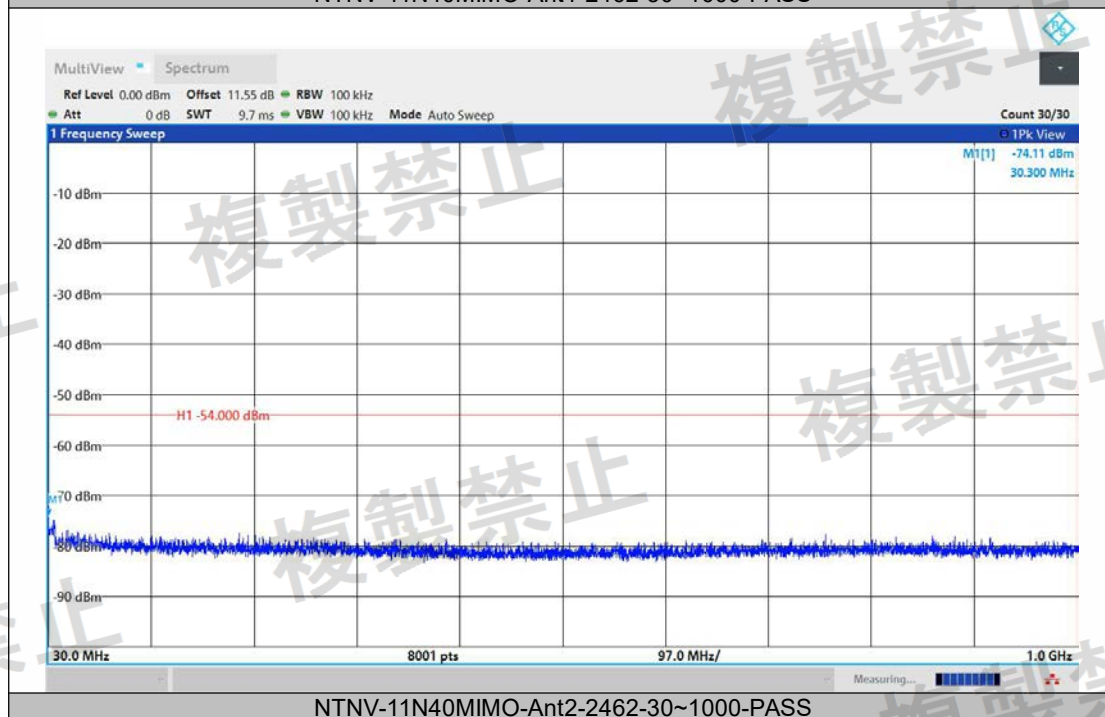
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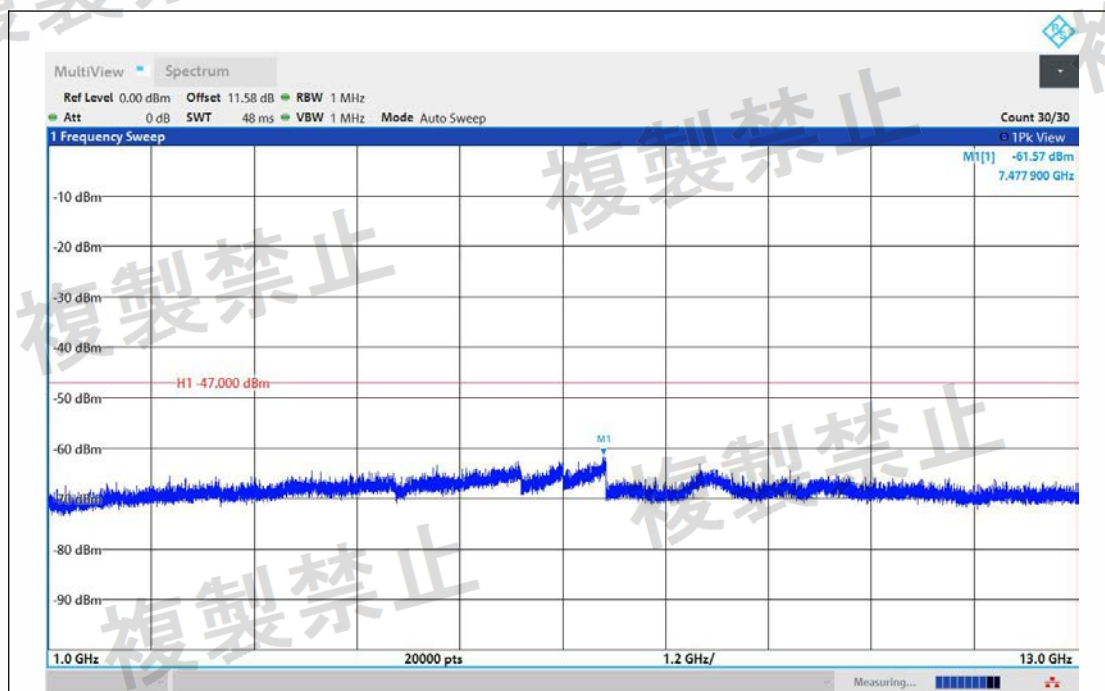
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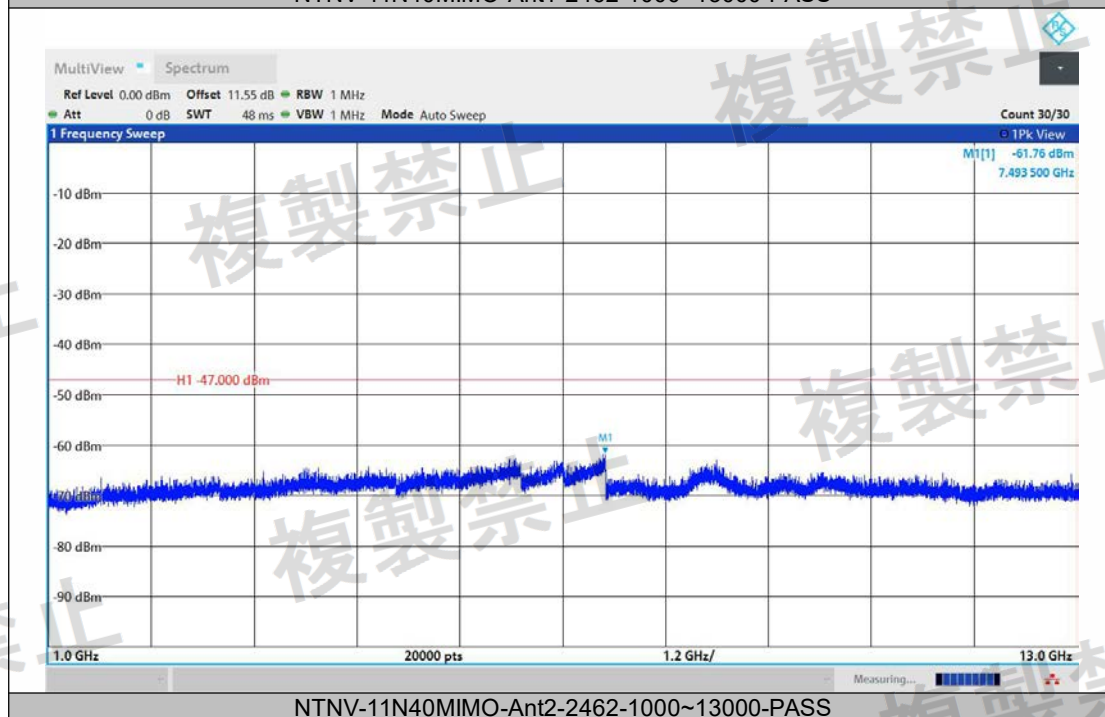
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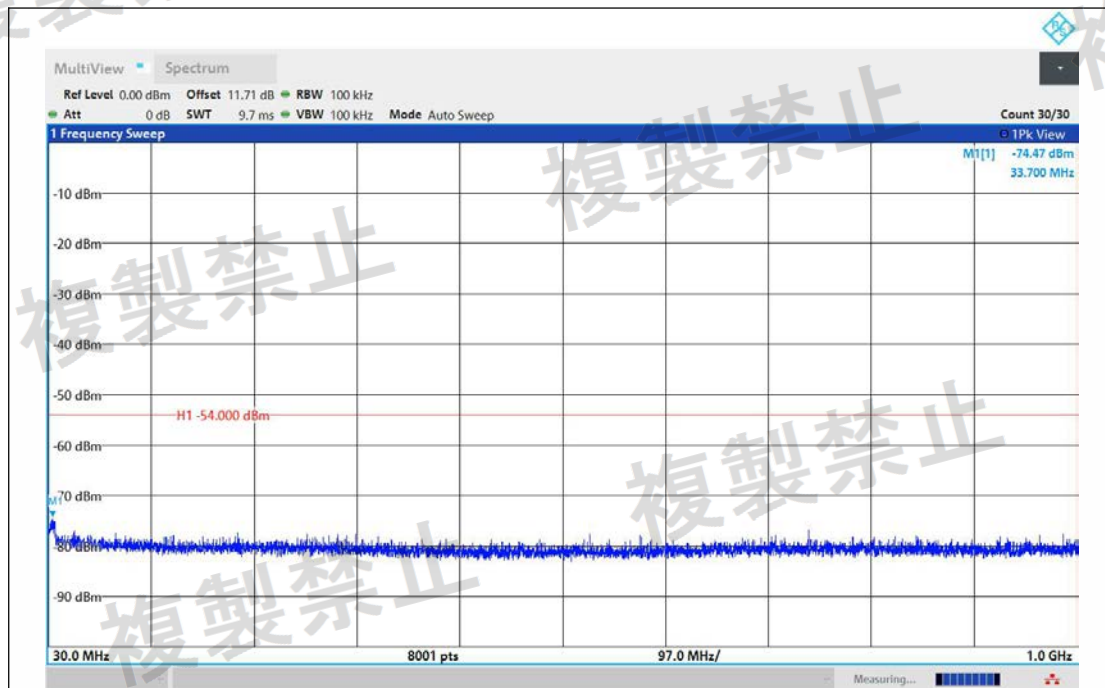
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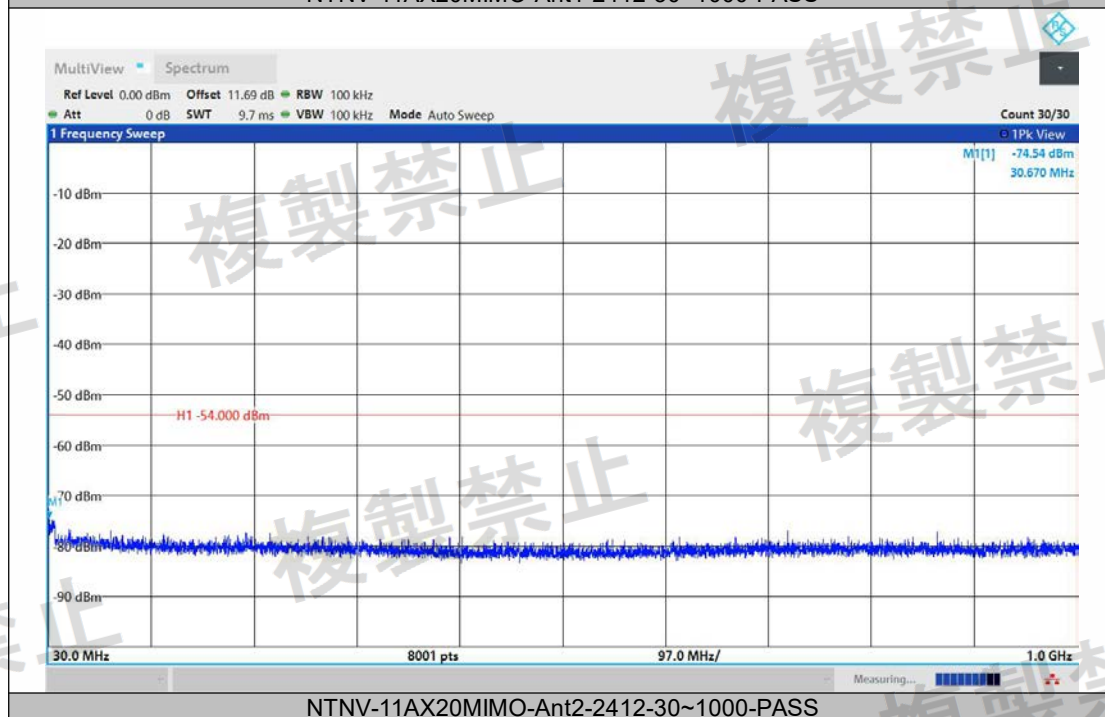
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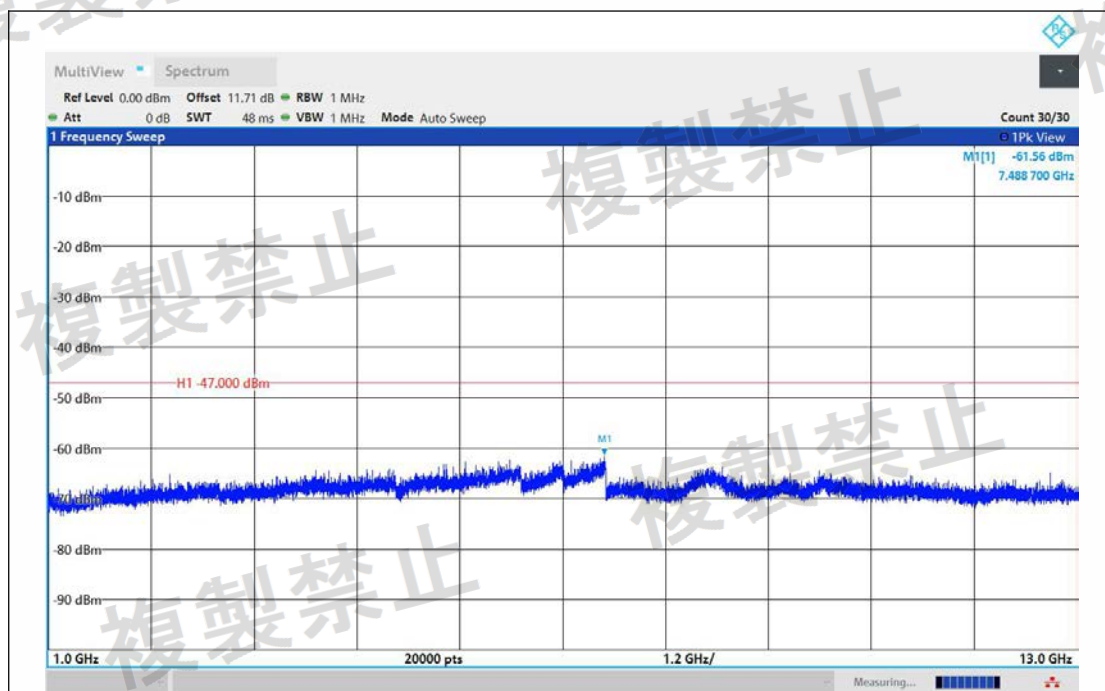
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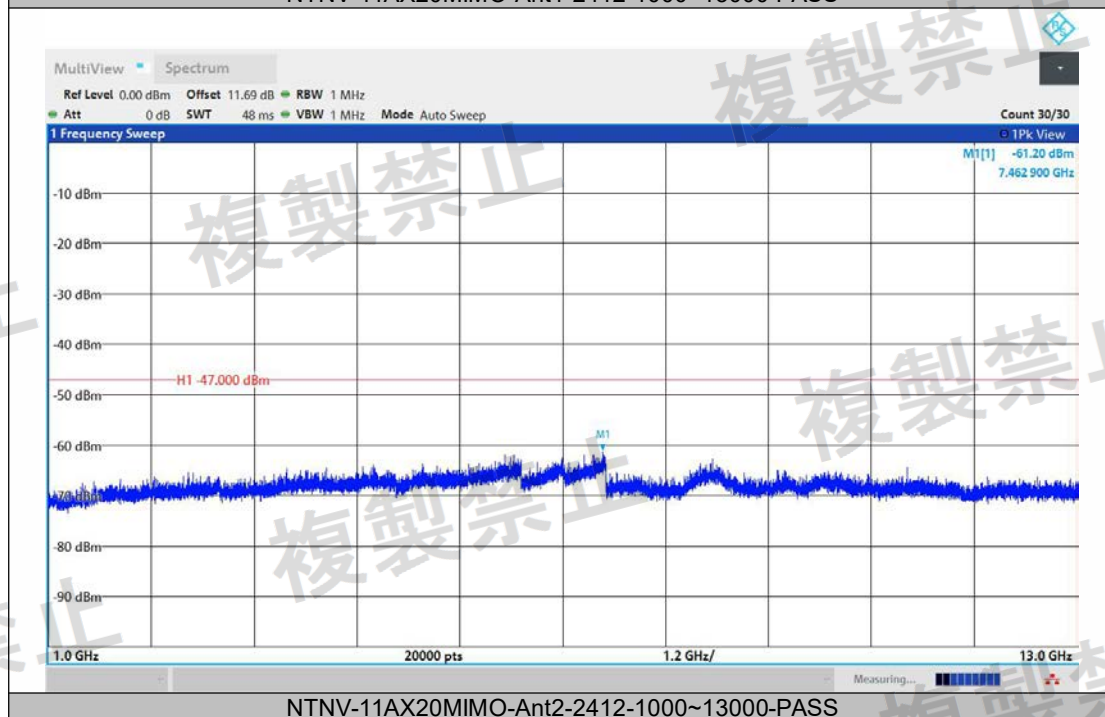
NTNV-11AX20MIMO-Ant1-2412-30~1000-PASS



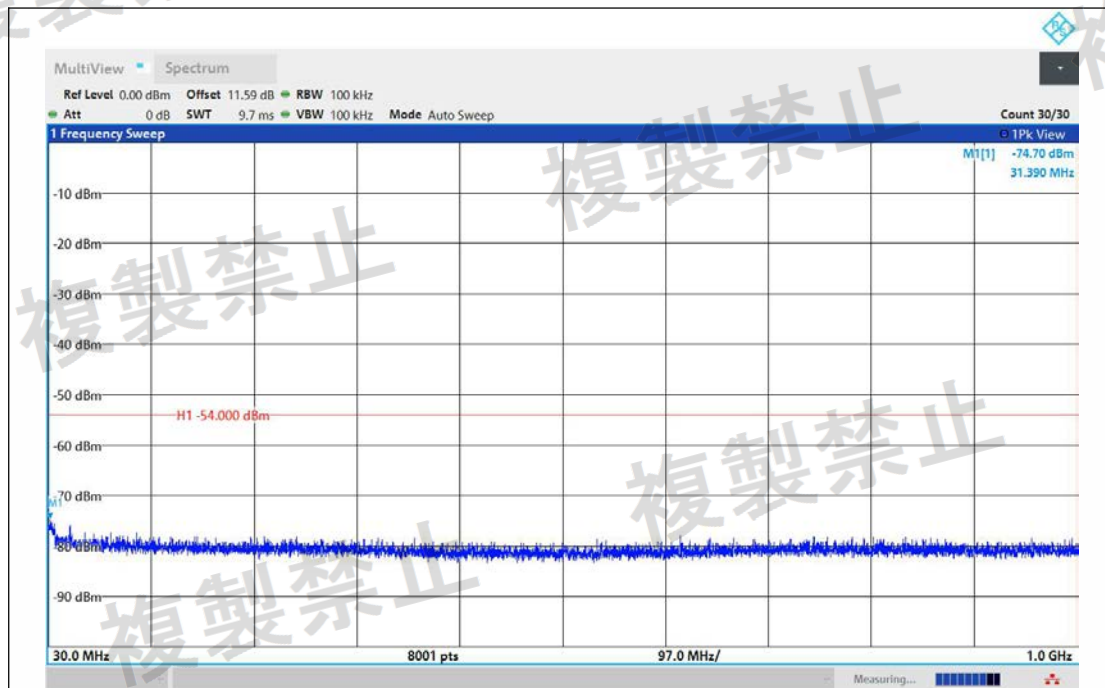
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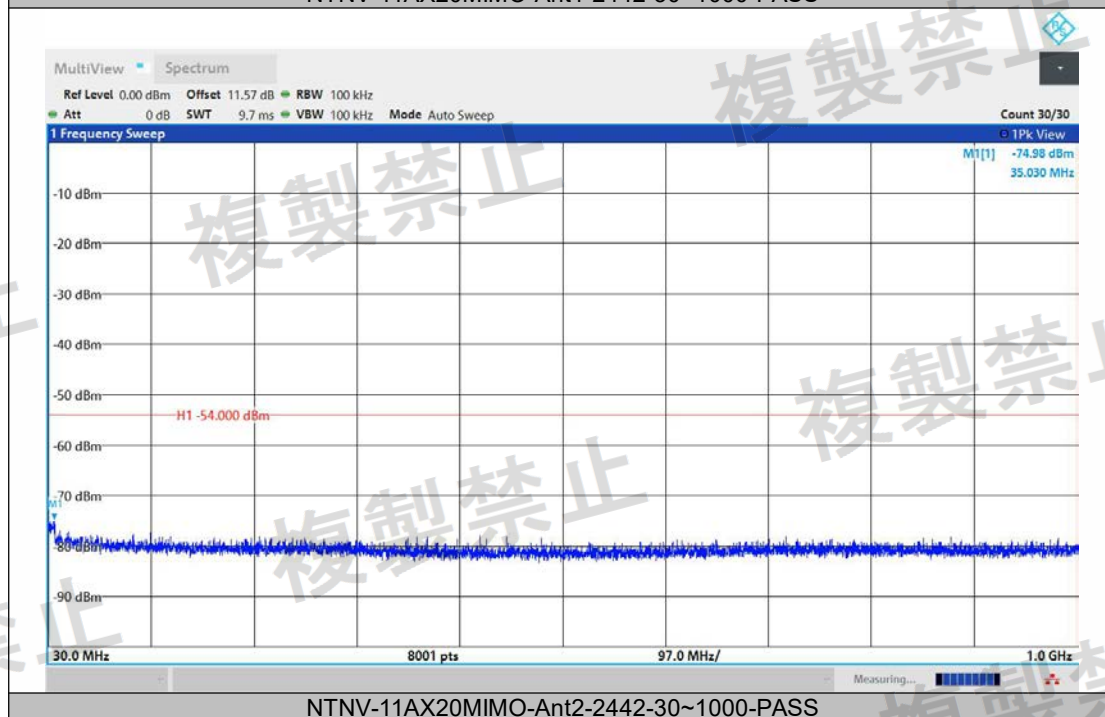
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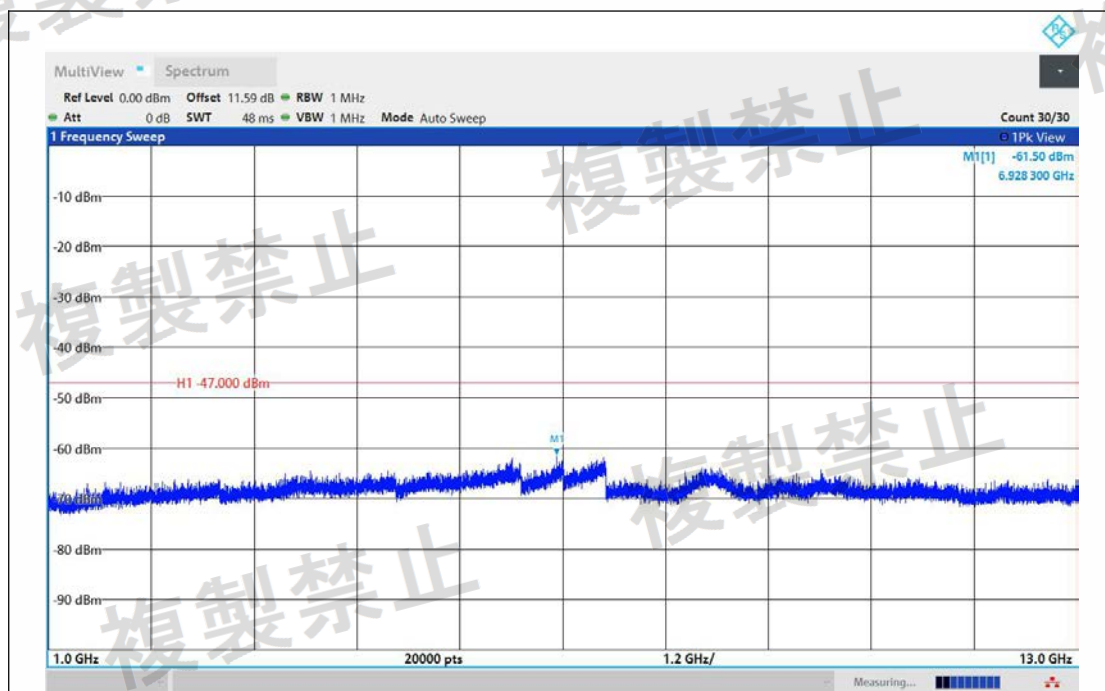
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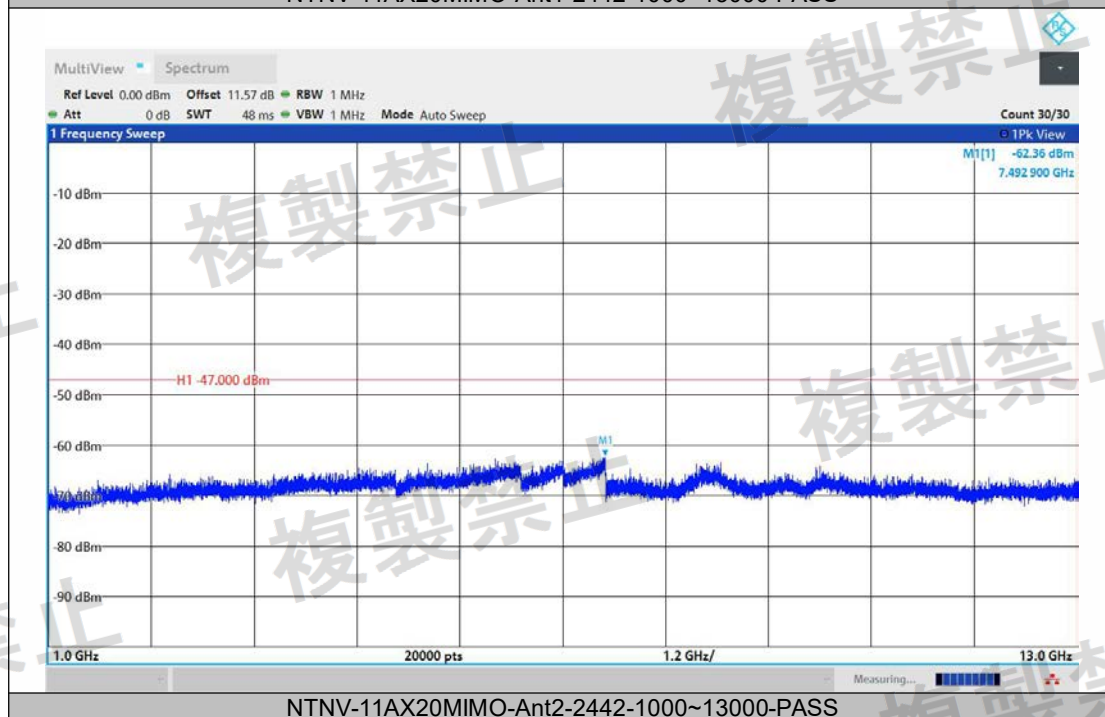
NTNV-11AX20MIMO-Ant1-2442-30~1000-PASS



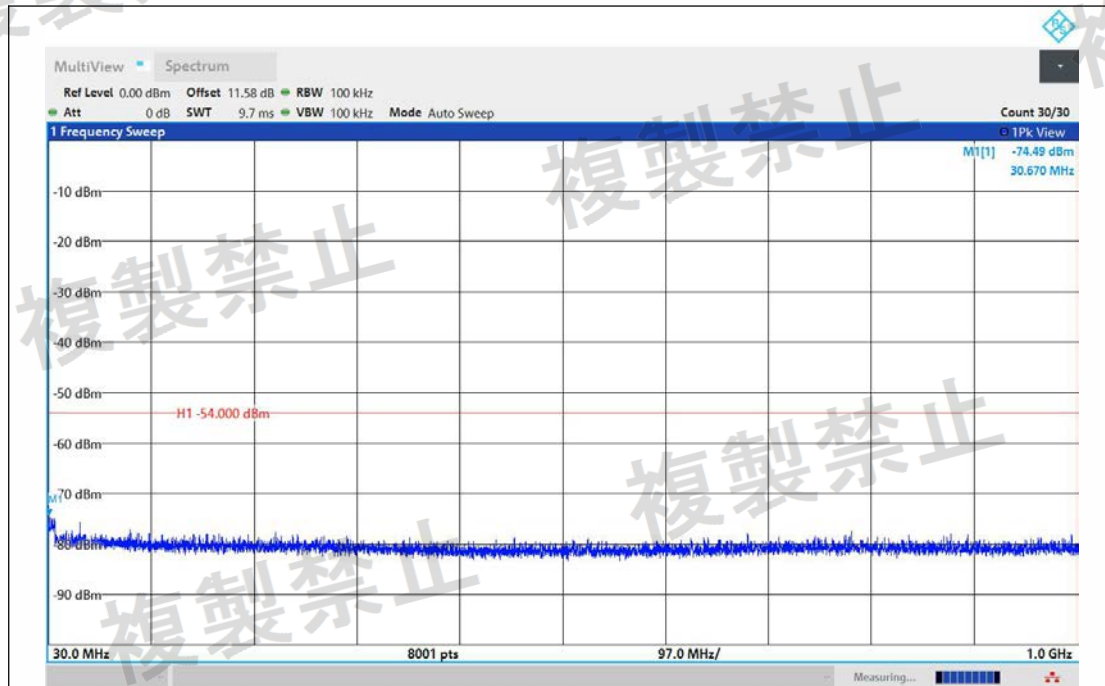
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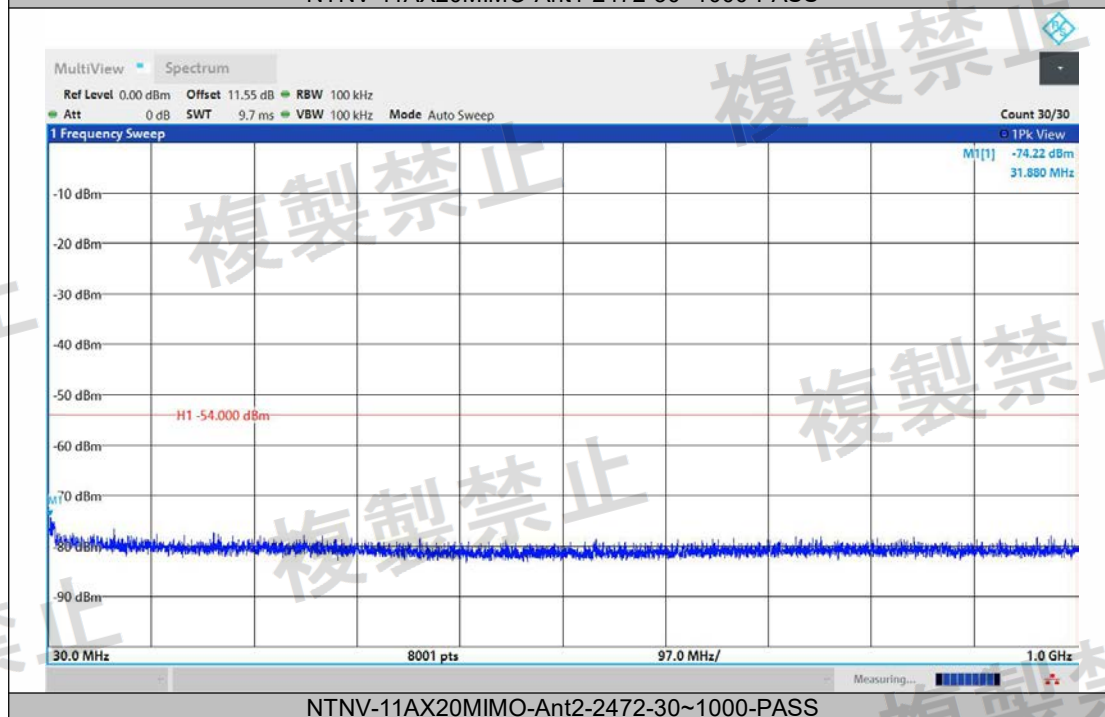
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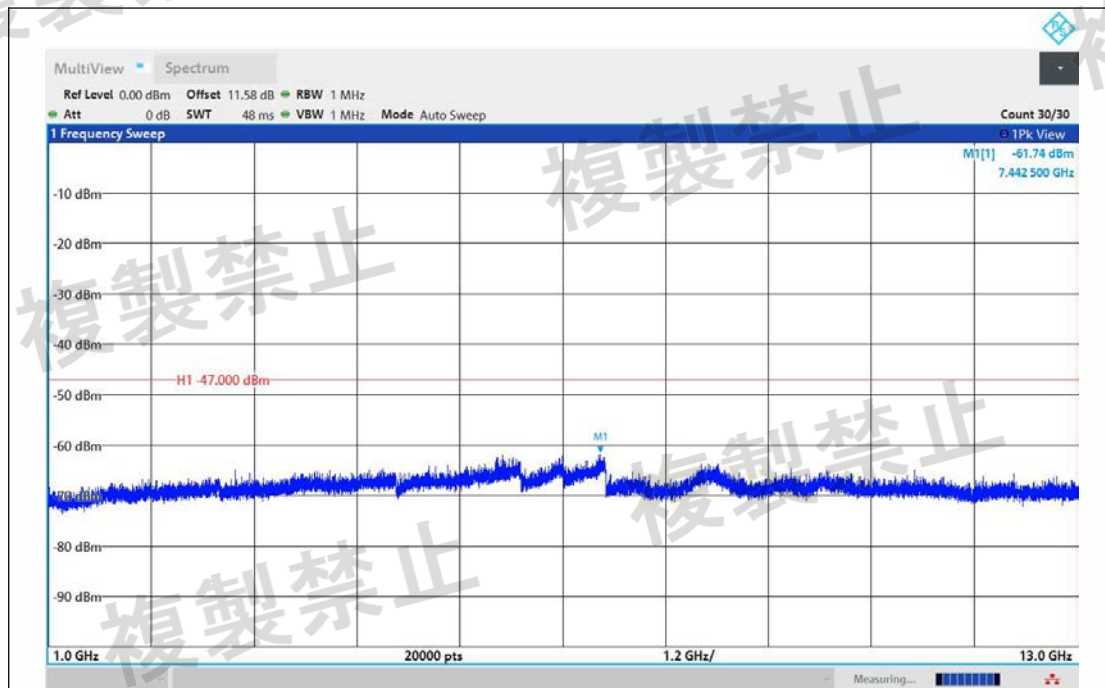
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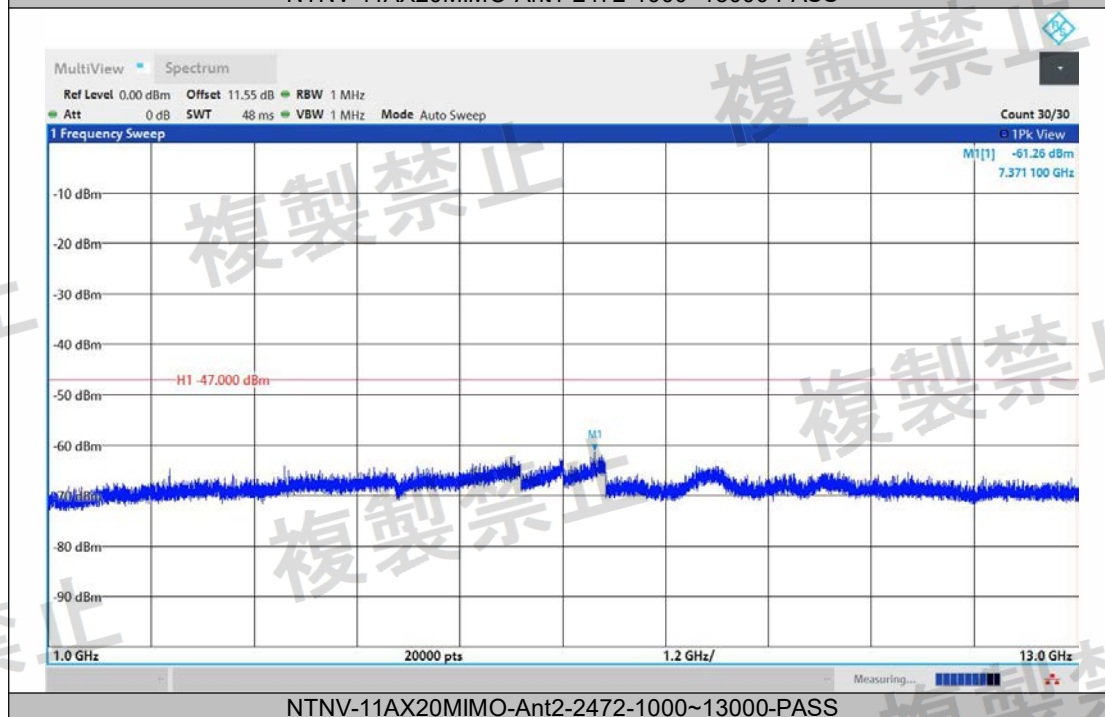
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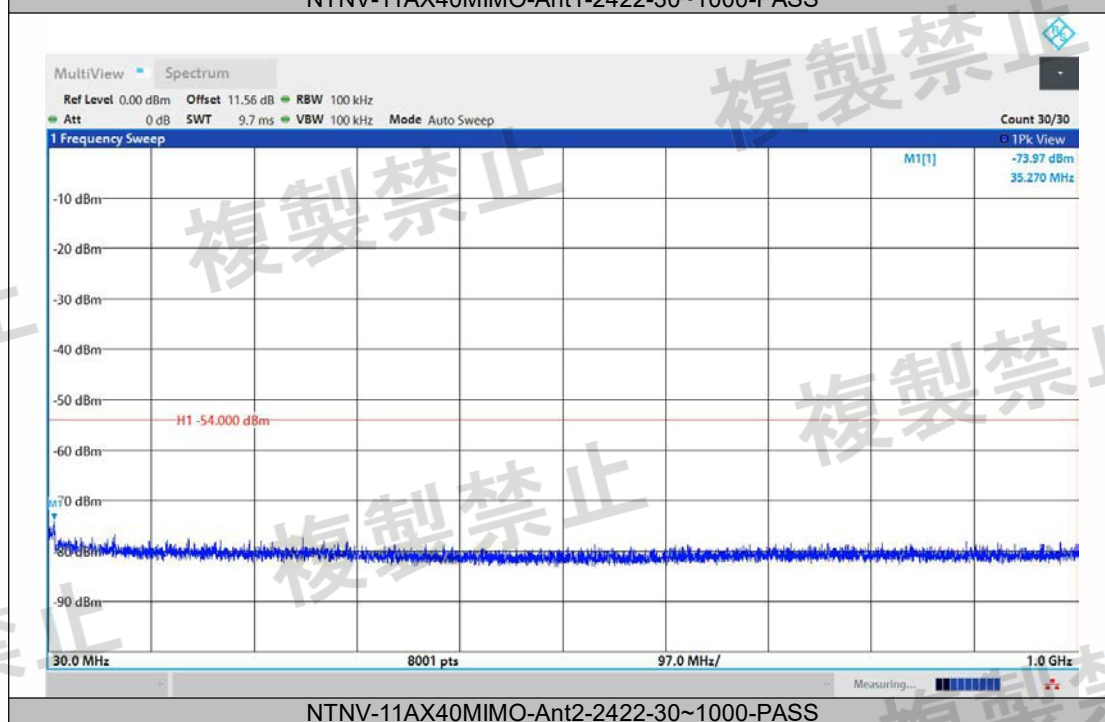
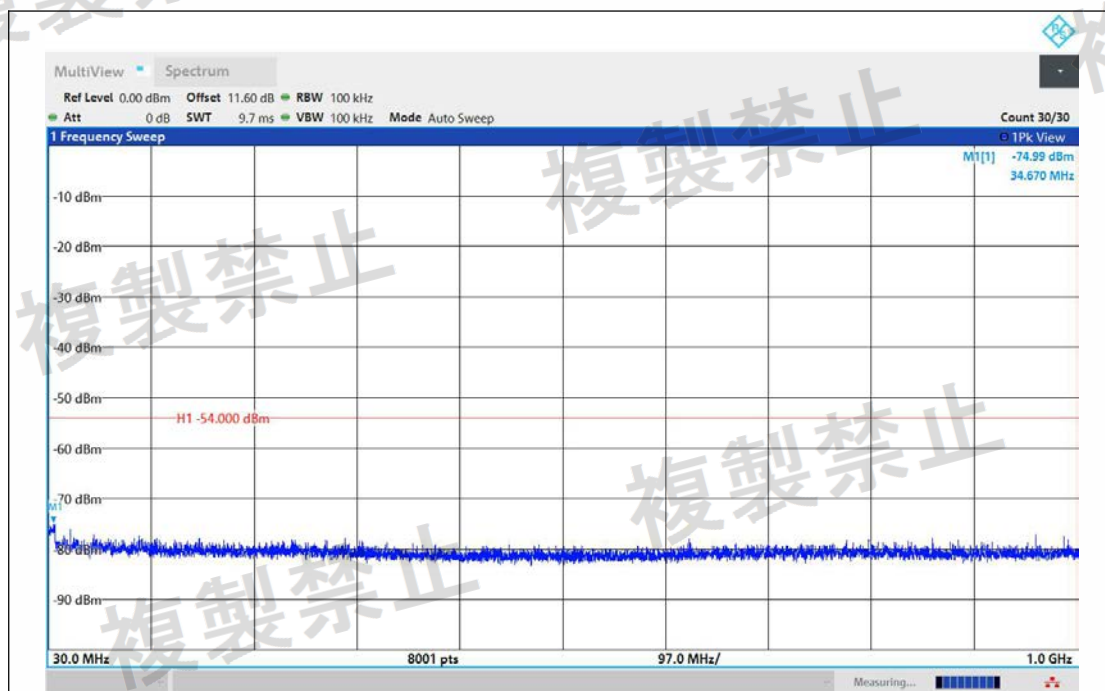
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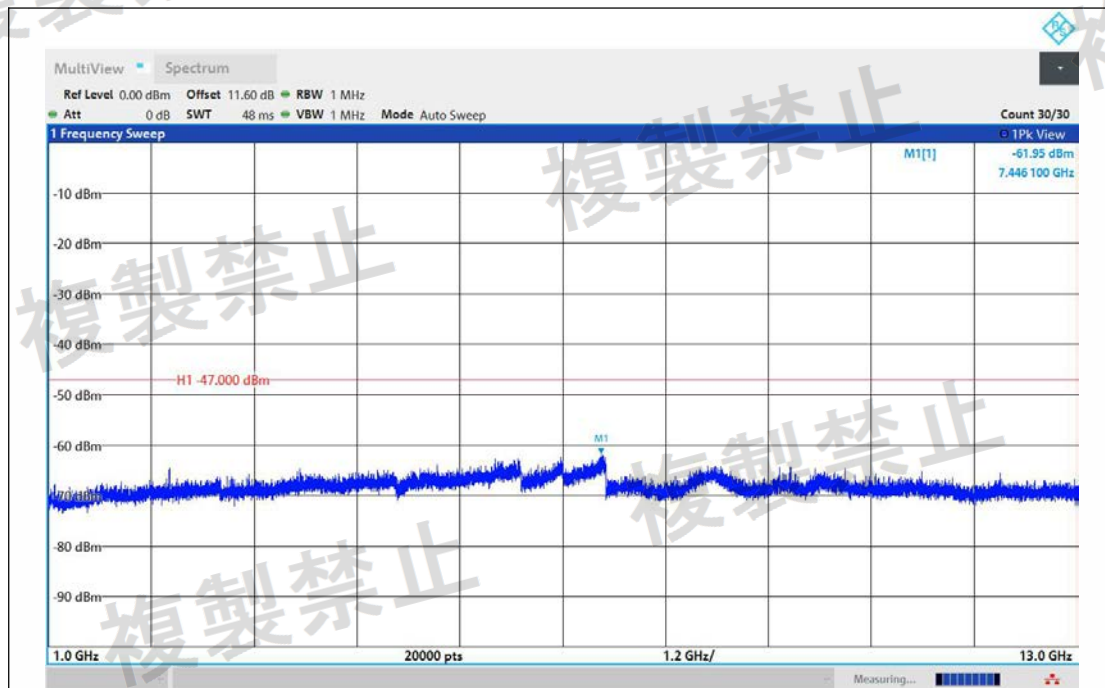


NTNV-11AX20MIMO-Ant1-2472-1000~13000-PASS

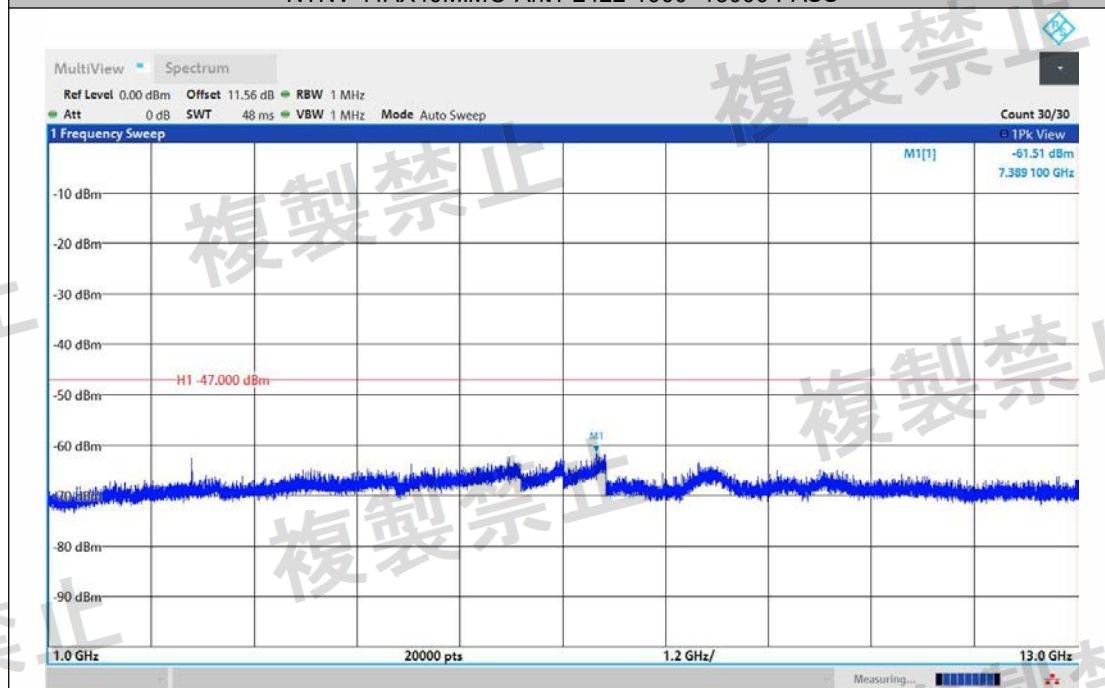


NTNV-11AX20MIMO-Ant2-2472-1000~13000-PASS

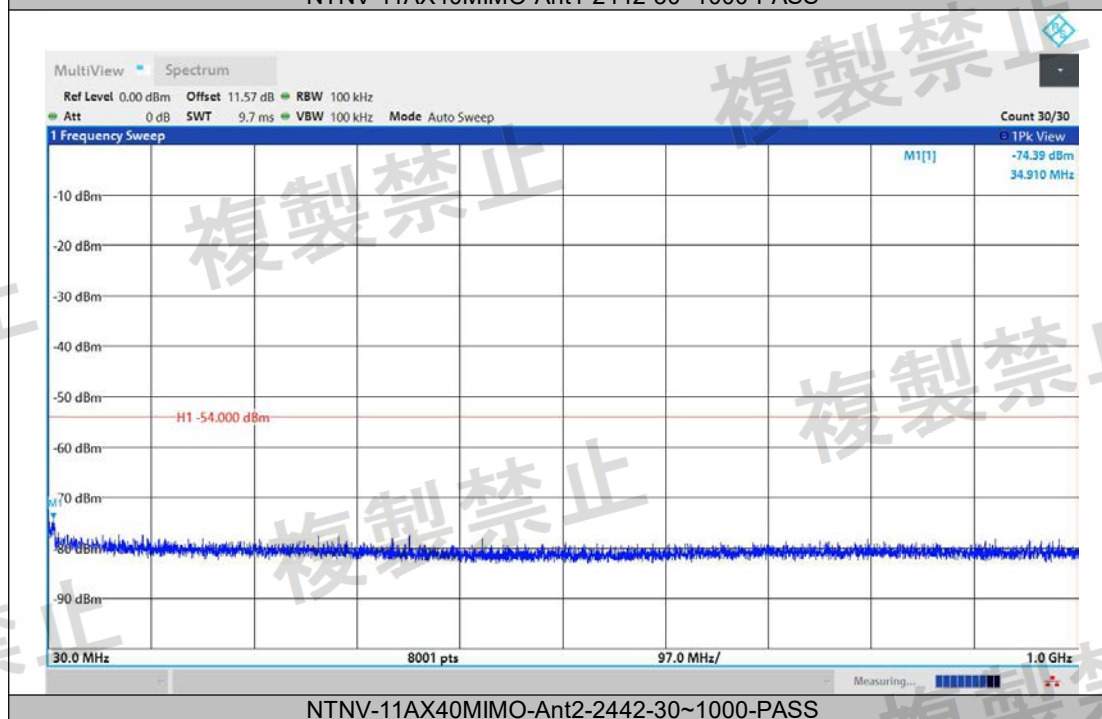
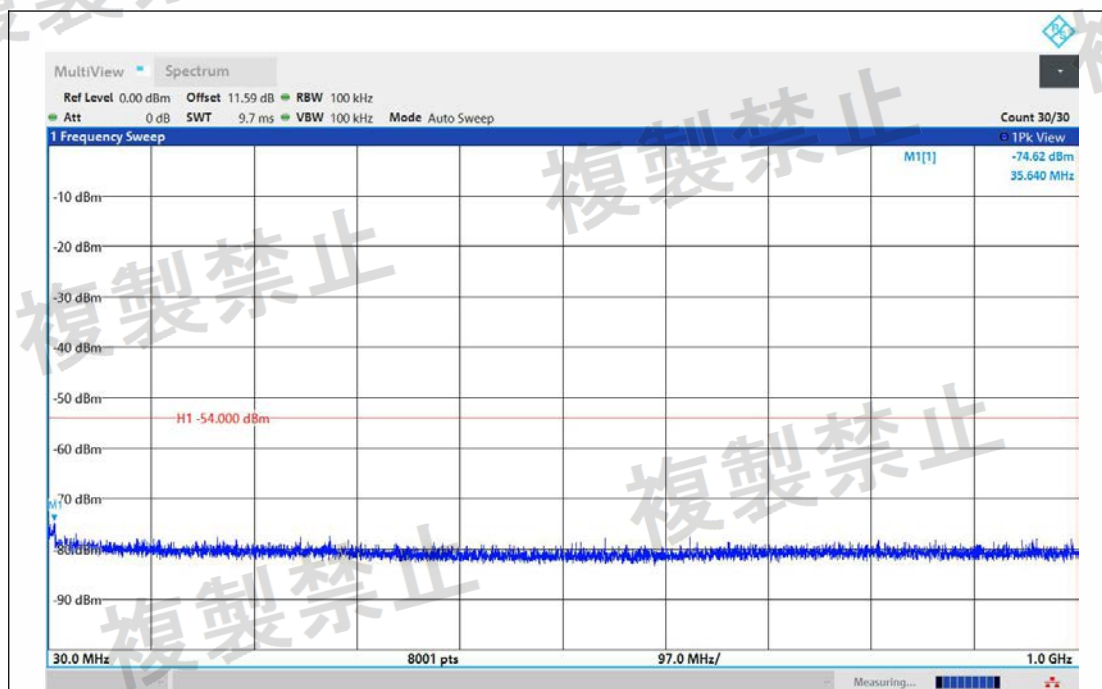


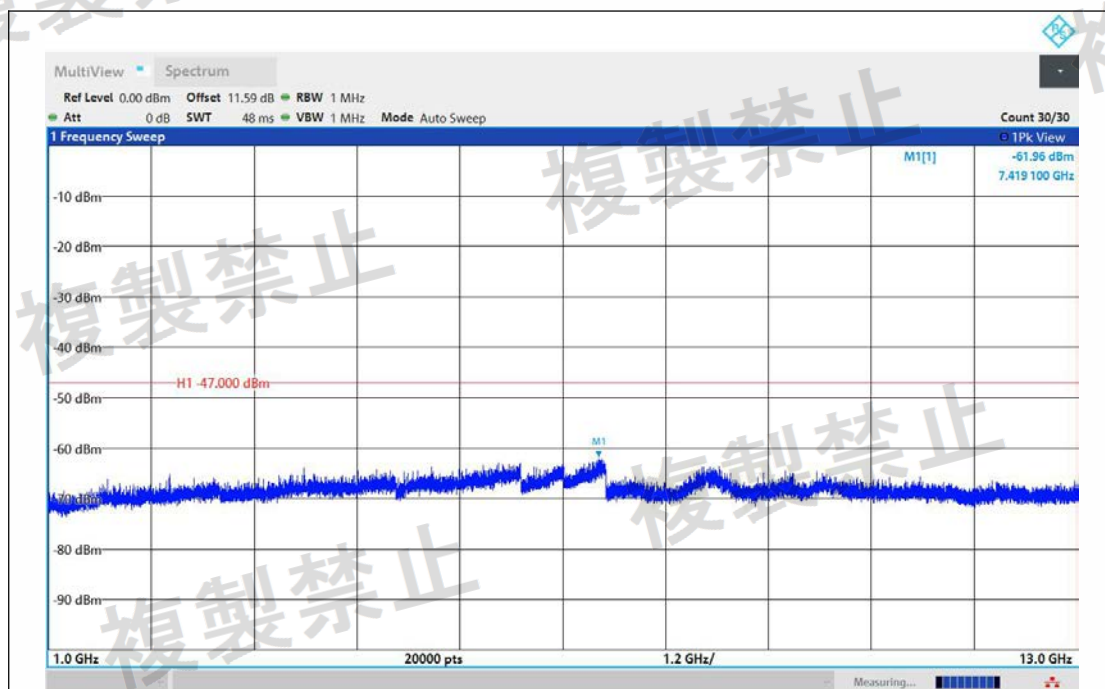


NTNV-11AX40MIMO-Ant1-2422-1000~13000-PASS

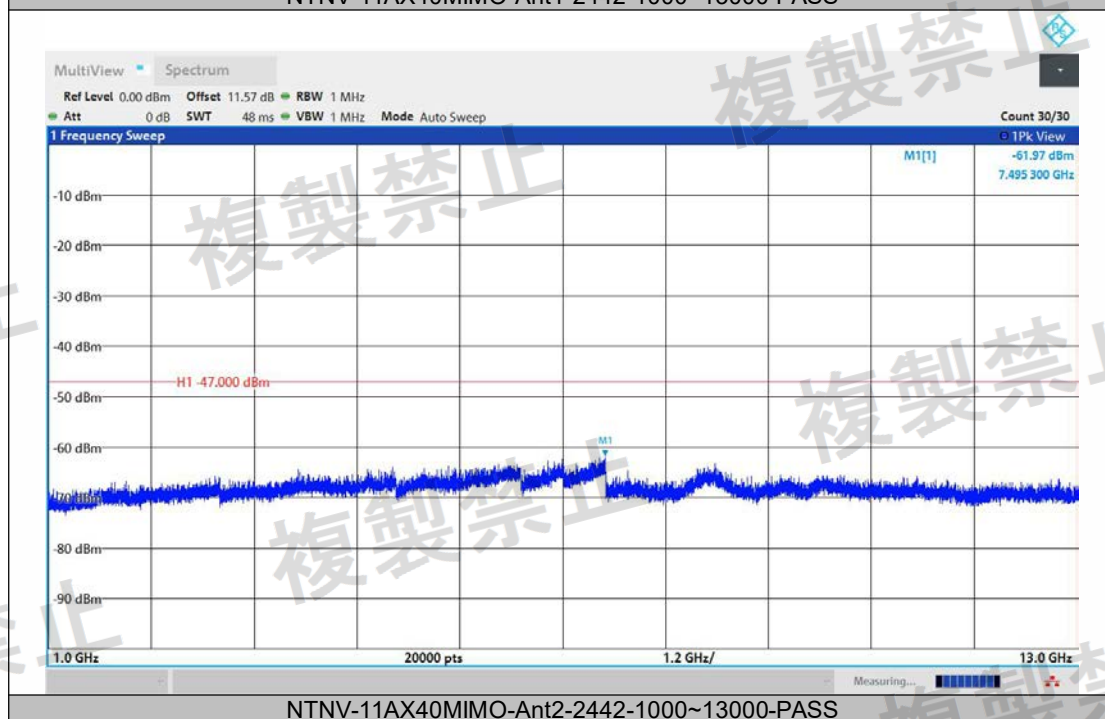


NTNV-11AX40MIMO-Ant2-2422-1000~13000-PASS

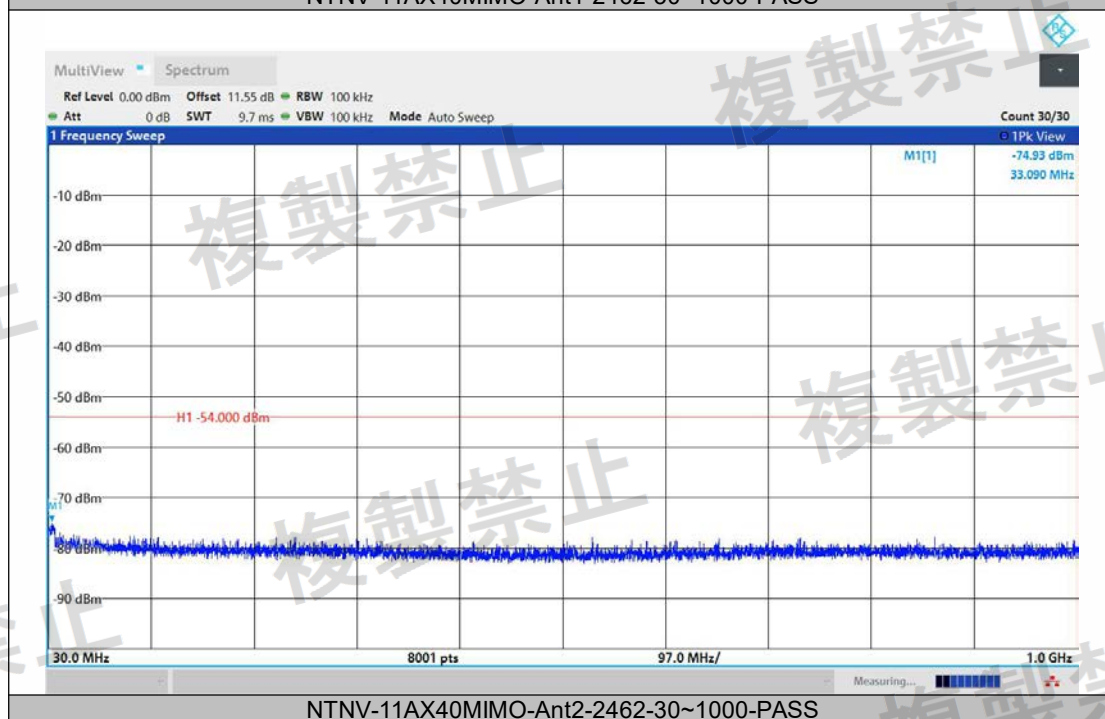
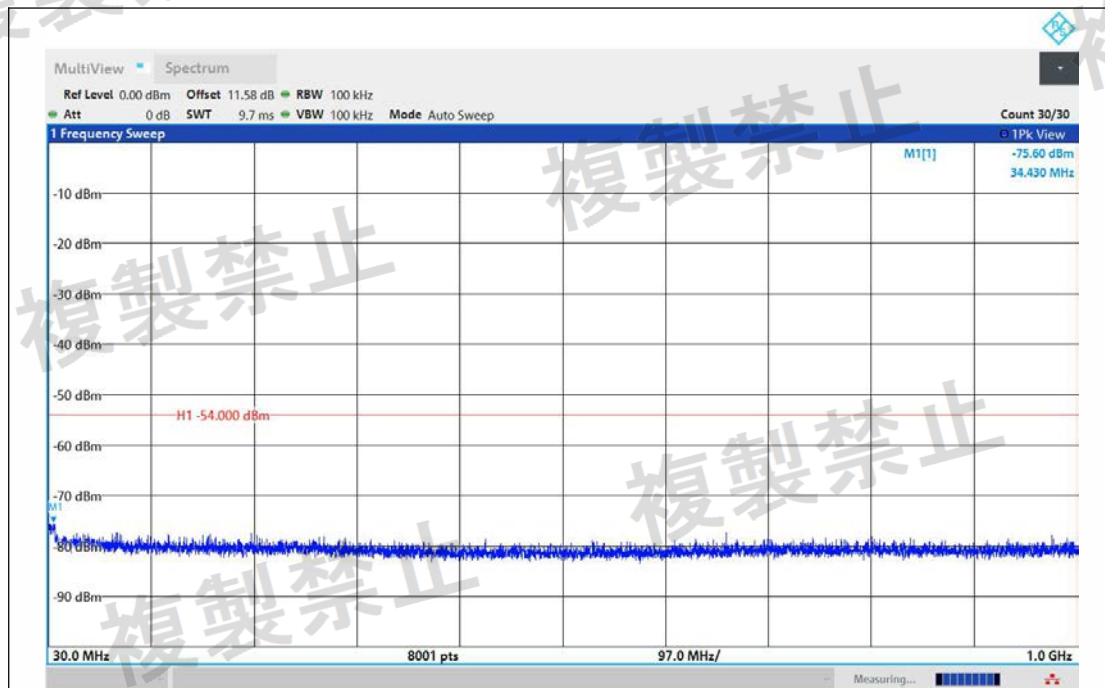


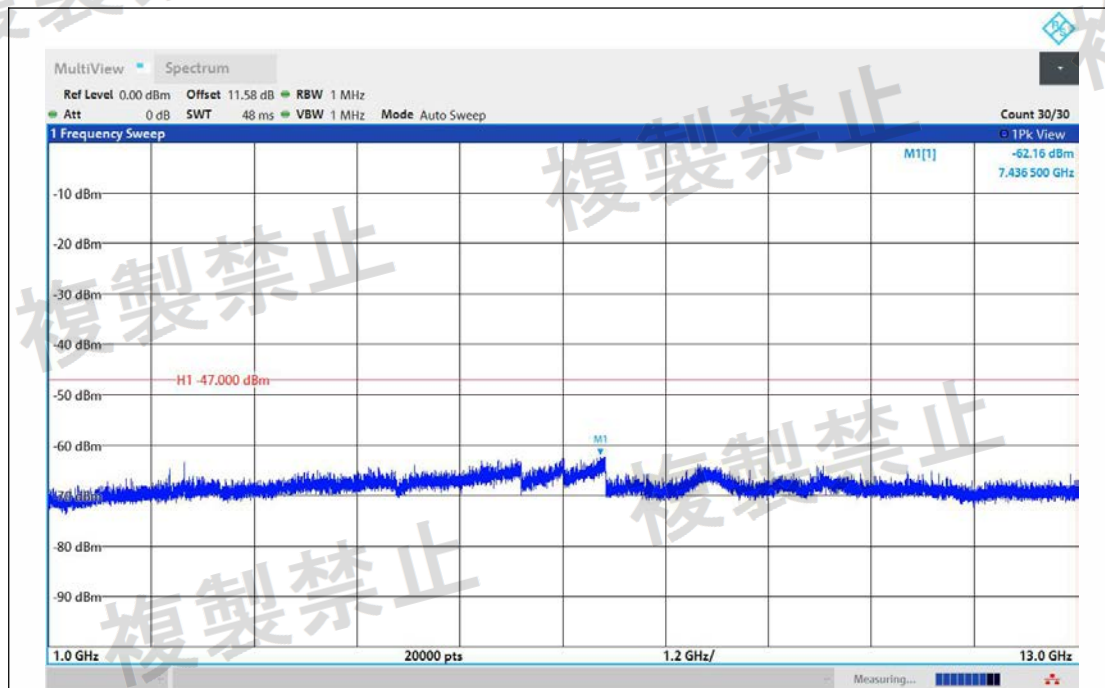


NTNV-11AX40MIMO-Ant1-2442-1000~13000-PASS

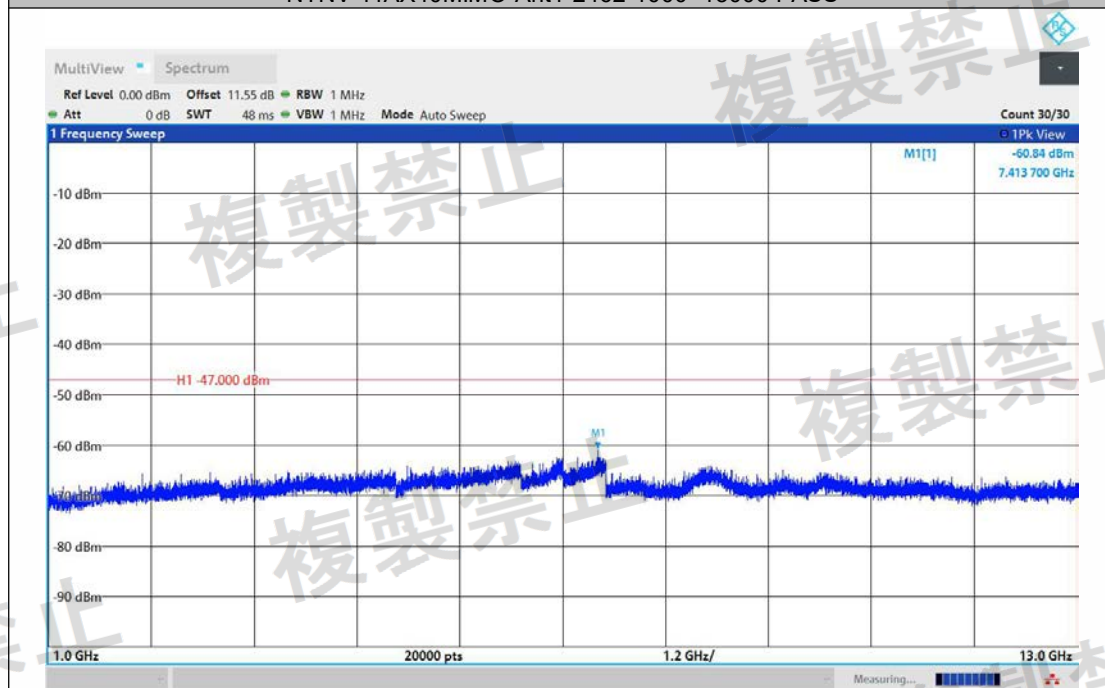


NTNV-11AX40MIMO-Ant2-2442-1000~13000-PASS

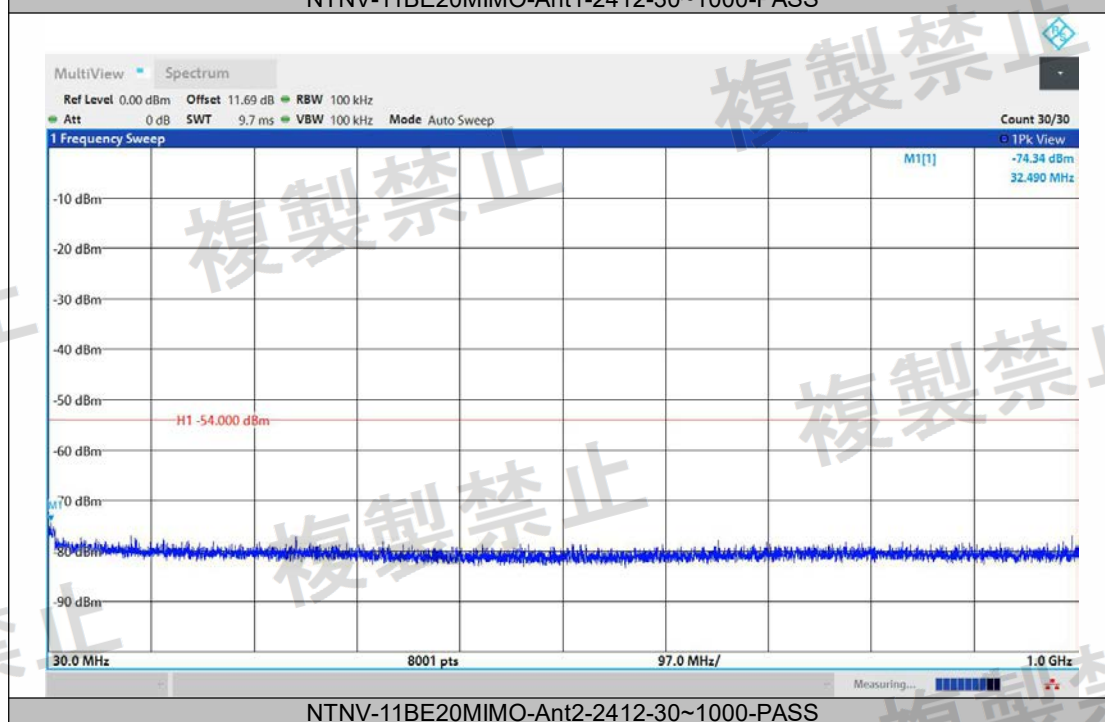
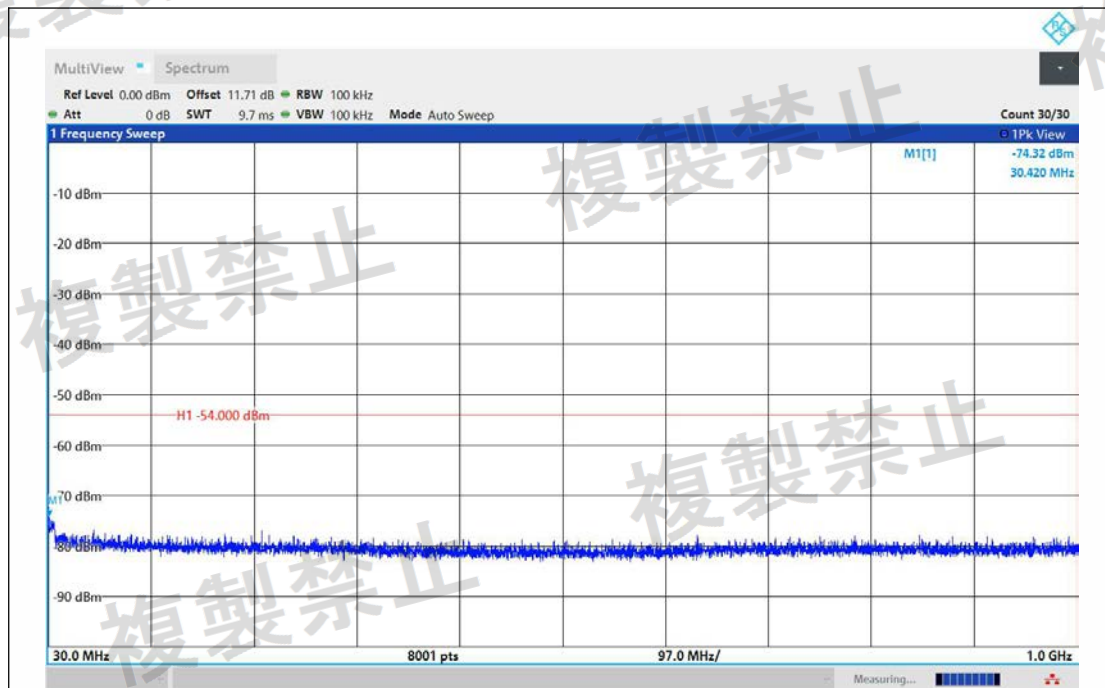


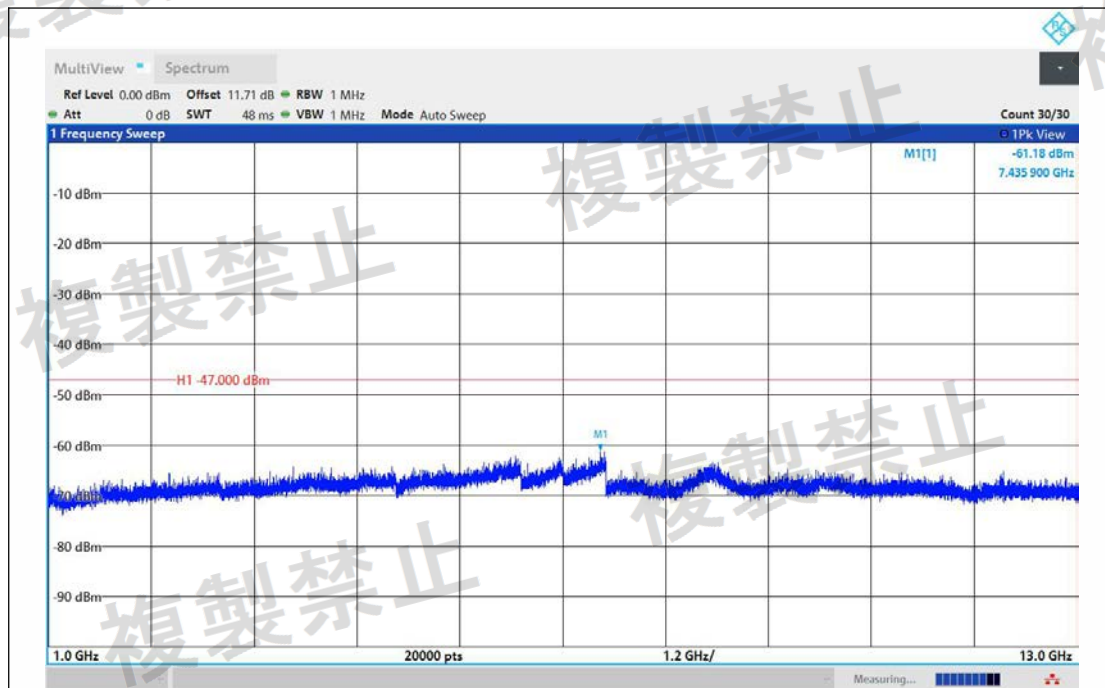


NTNV-11AX40MIMO-Ant1-2462-1000~13000-PASS

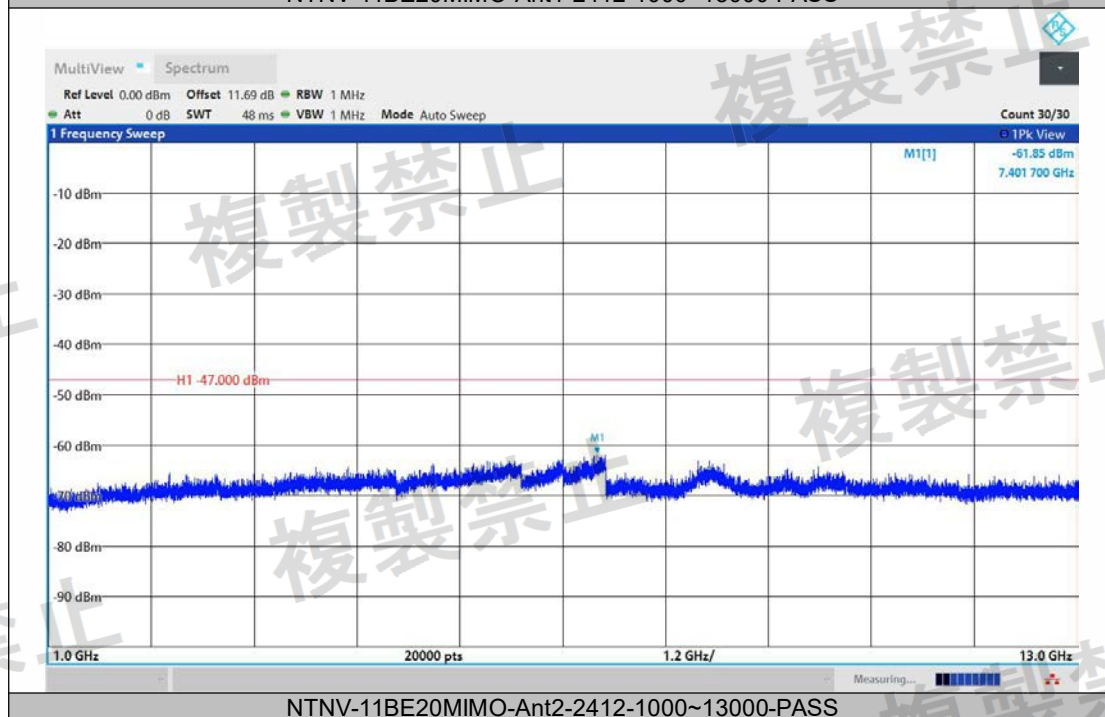


NTNV-11AX40MIMO-Ant2-2462-1000~13000-PASS

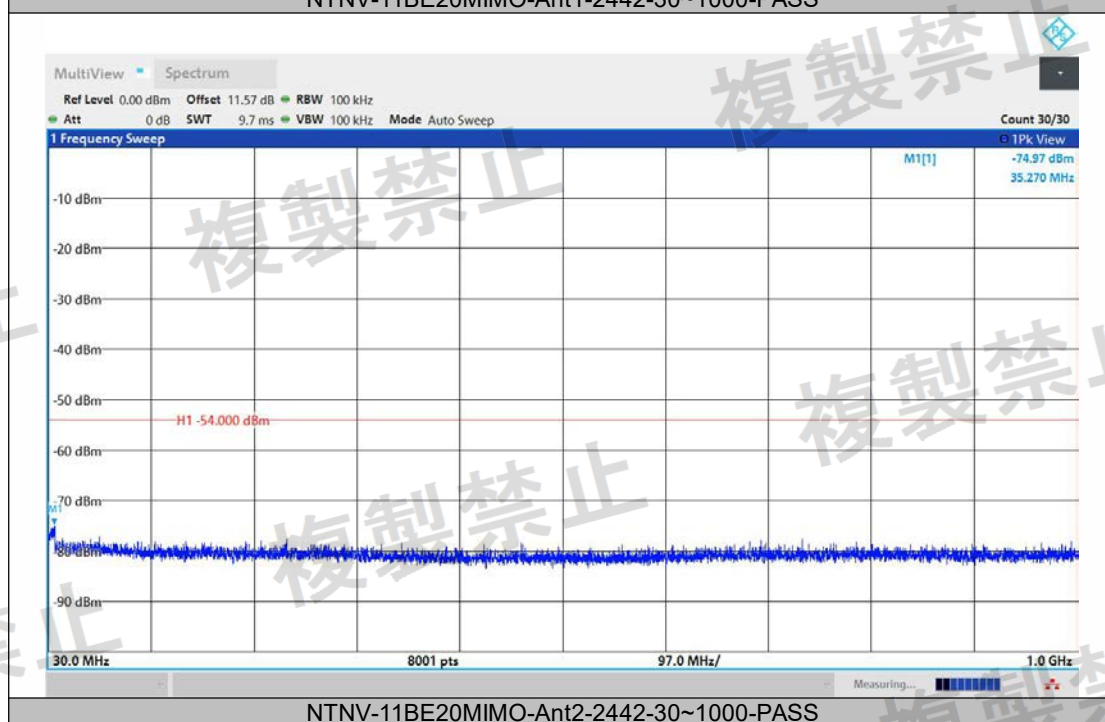
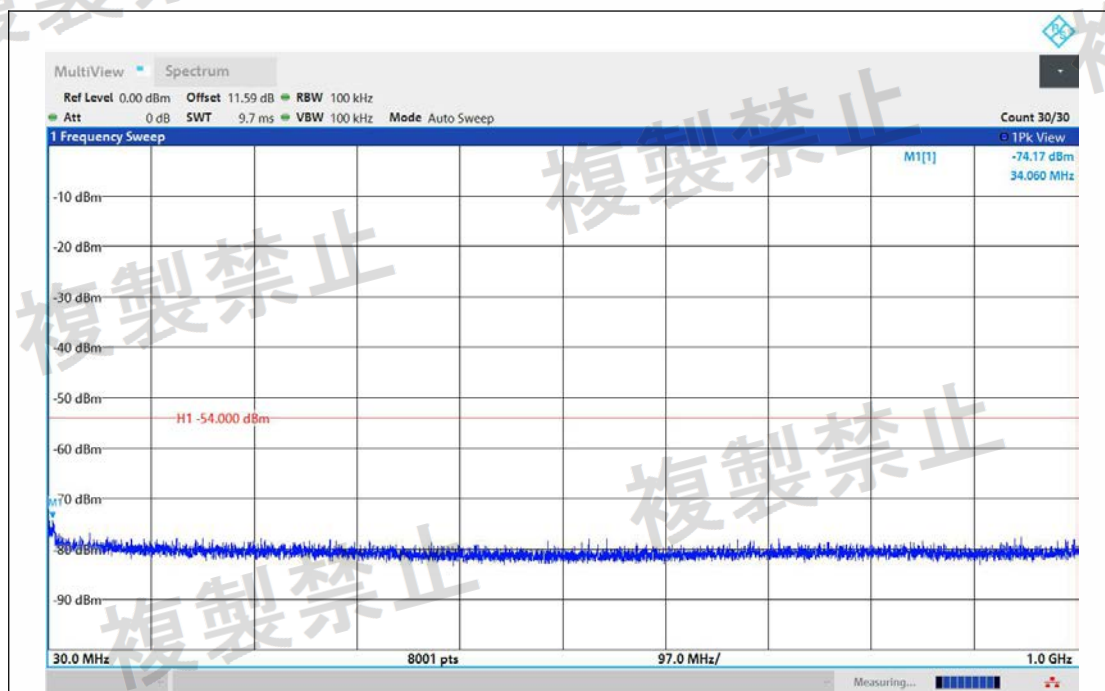


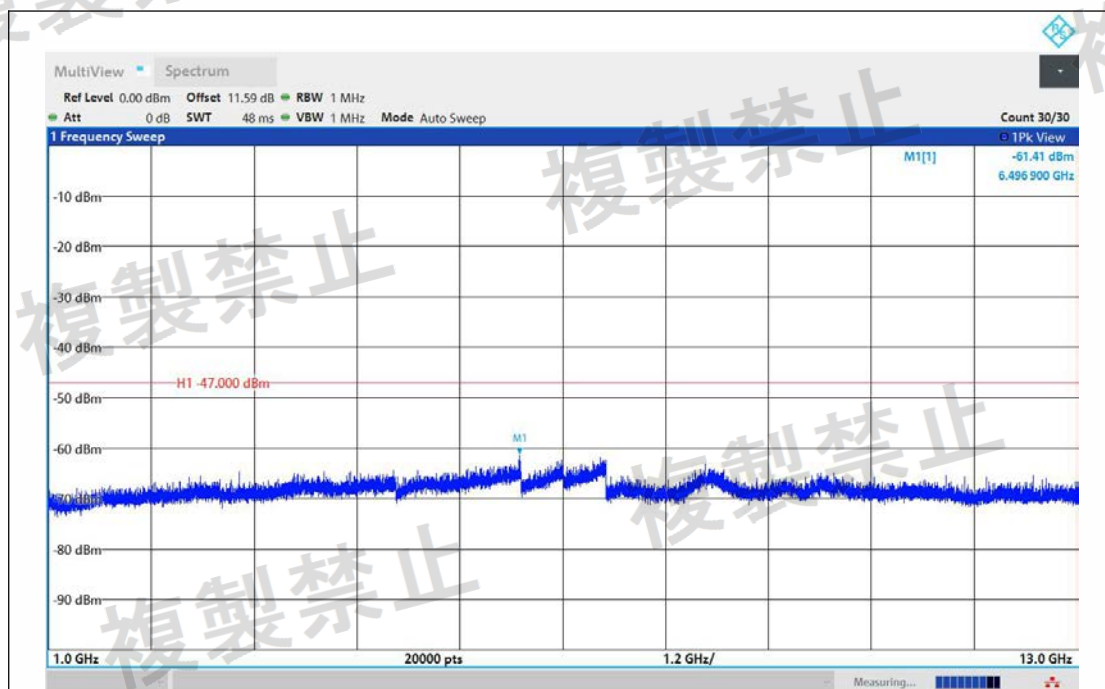


NTNV-11BE20MIMO-Ant1-2412-1000~13000-PASS

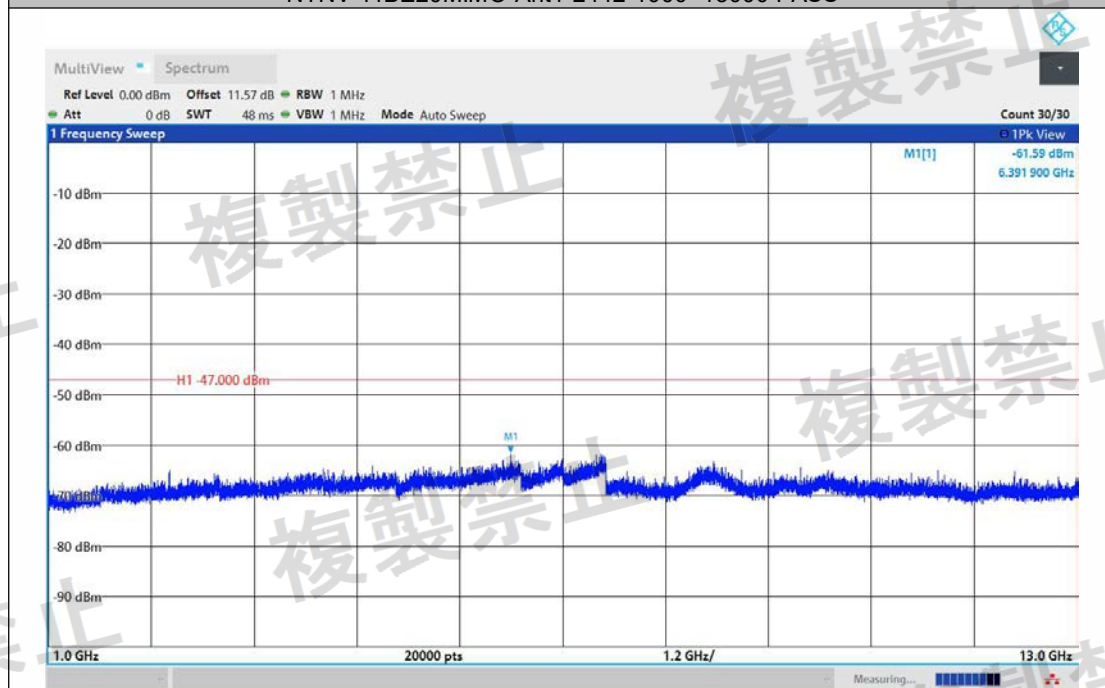


NTNV-11BE20MIMO-Ant2-2412-1000~13000-PASS

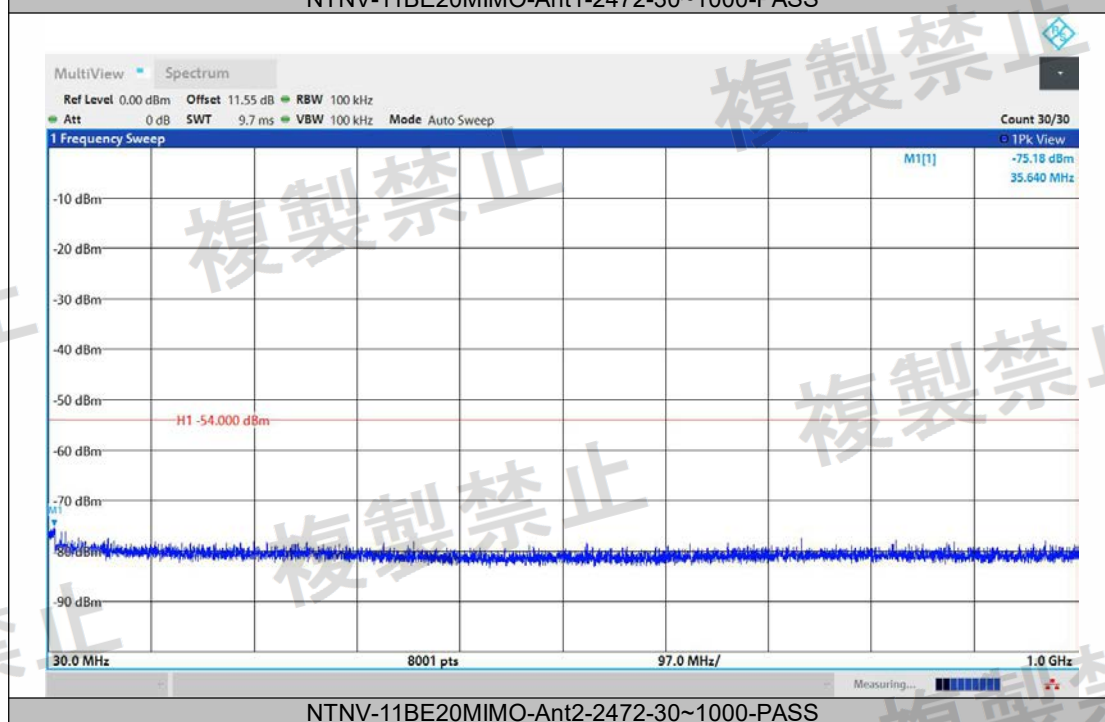
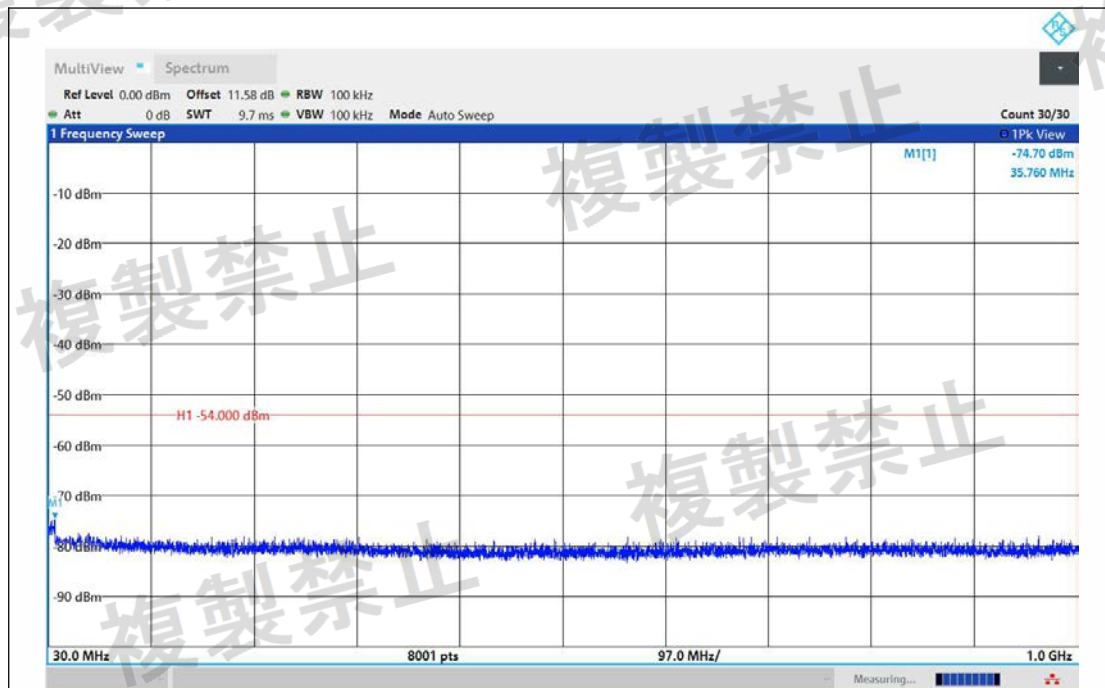


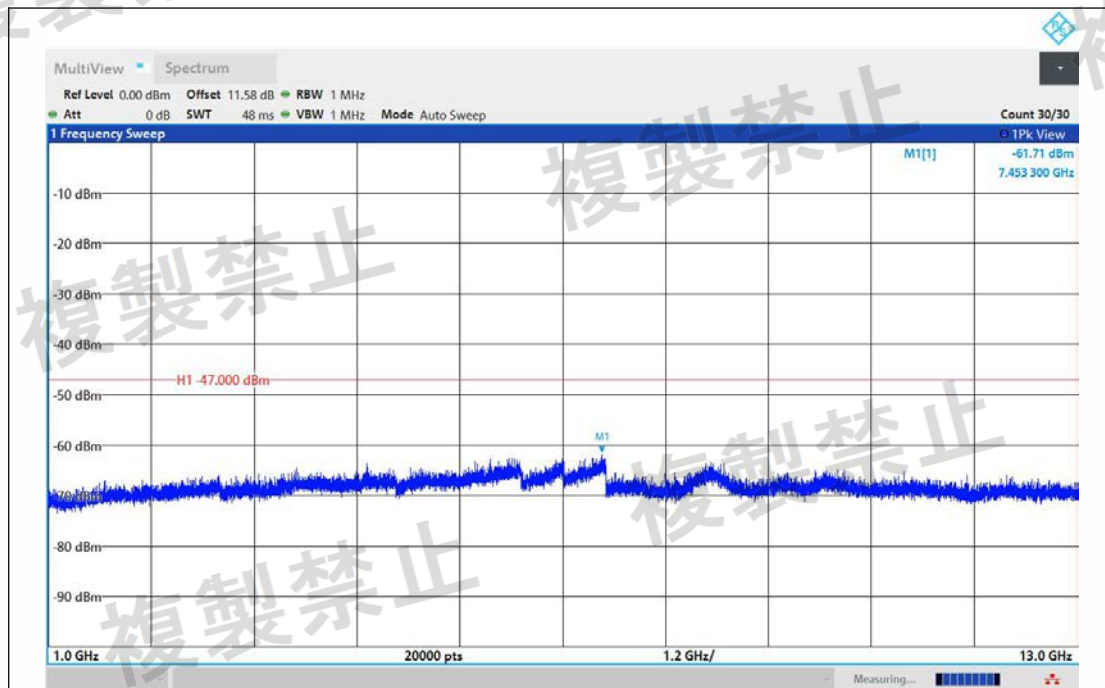


NTNV-11BE20MIMO-Ant1-2442-1000~13000-PASS

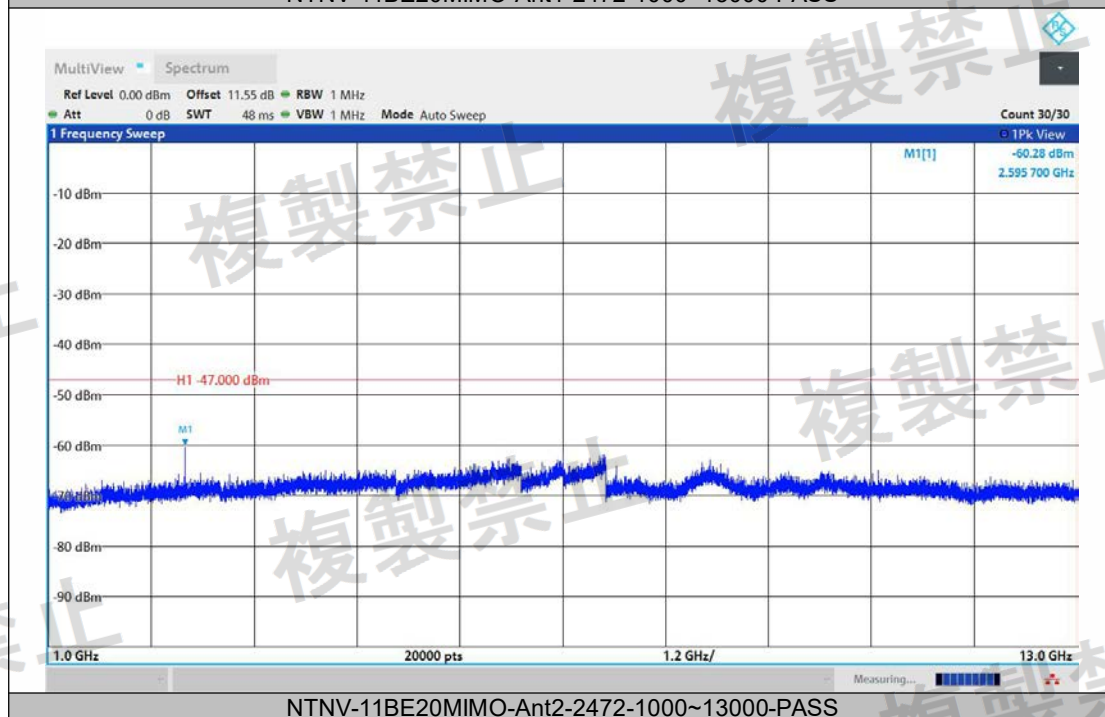


NTNV-11BE20MIMO-Ant2-2442-1000~13000-PASS

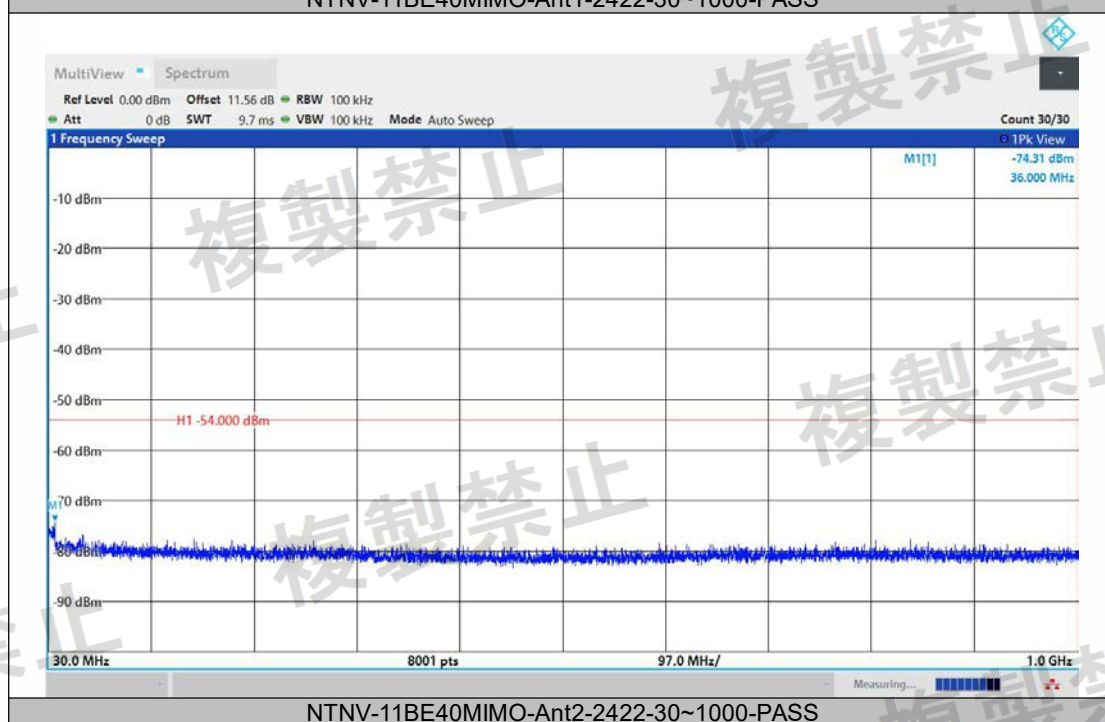
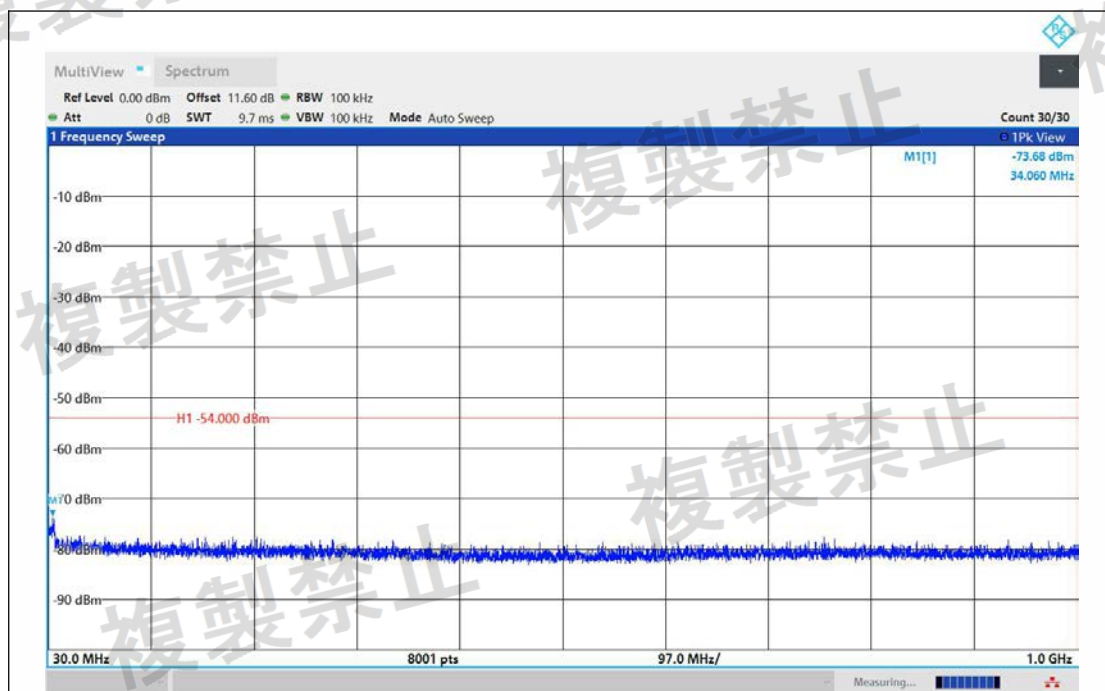


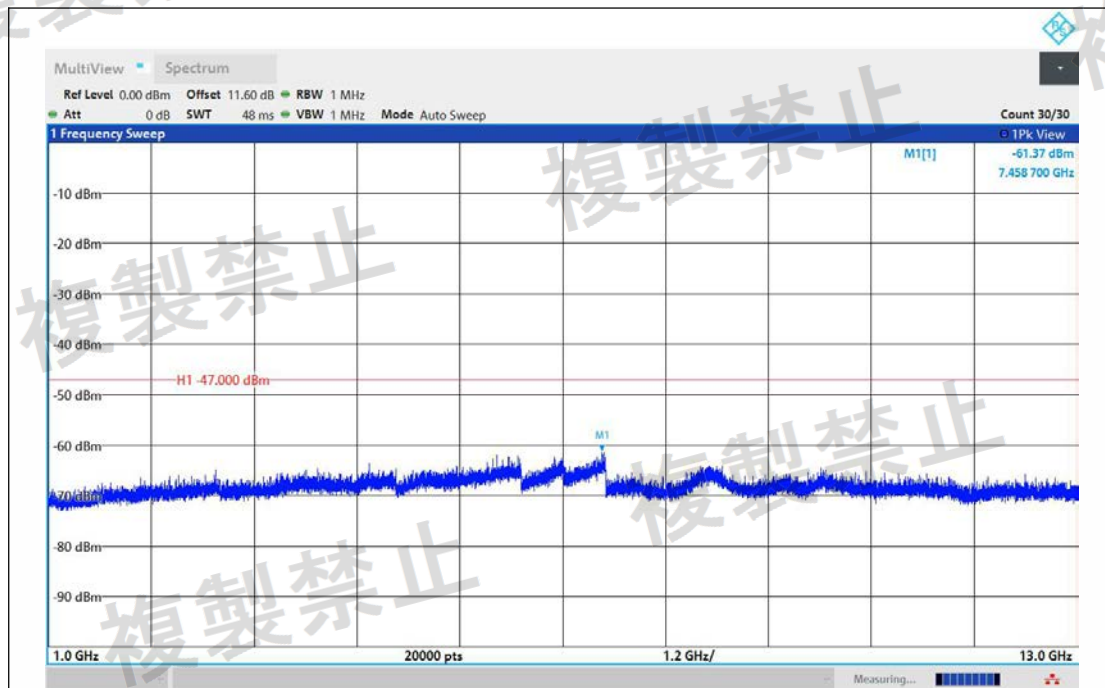


NTNV-11BE20MIMO-Ant1-2472-1000~13000-PASS

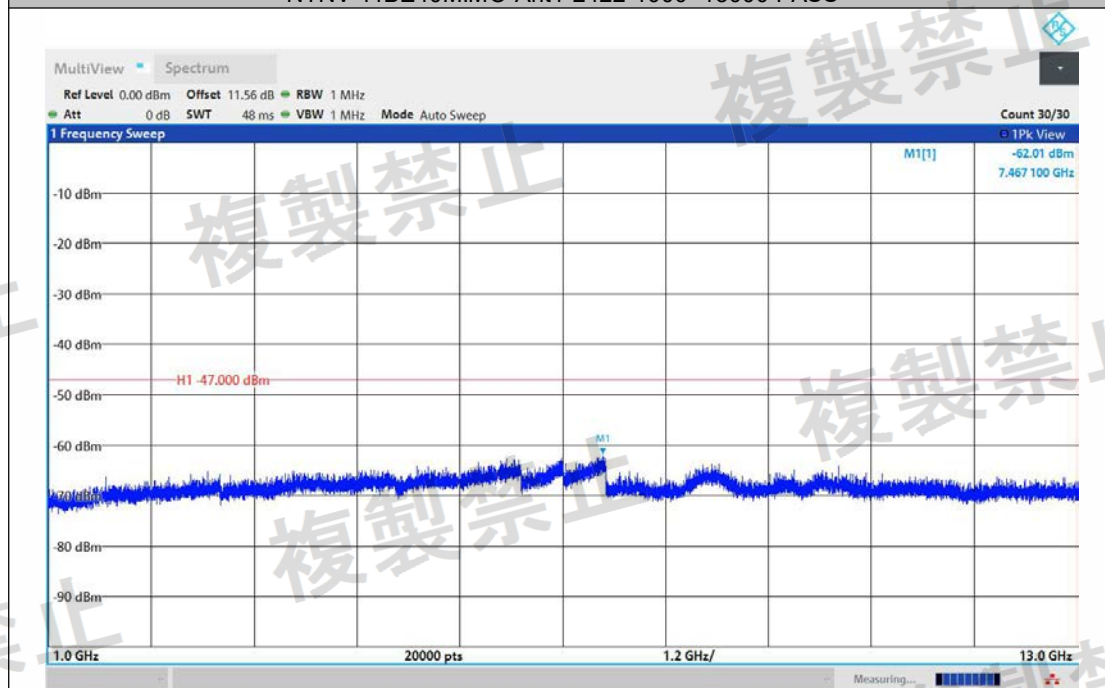


NTNV-11BE20MIMO-Ant2-2472-1000~13000-PASS

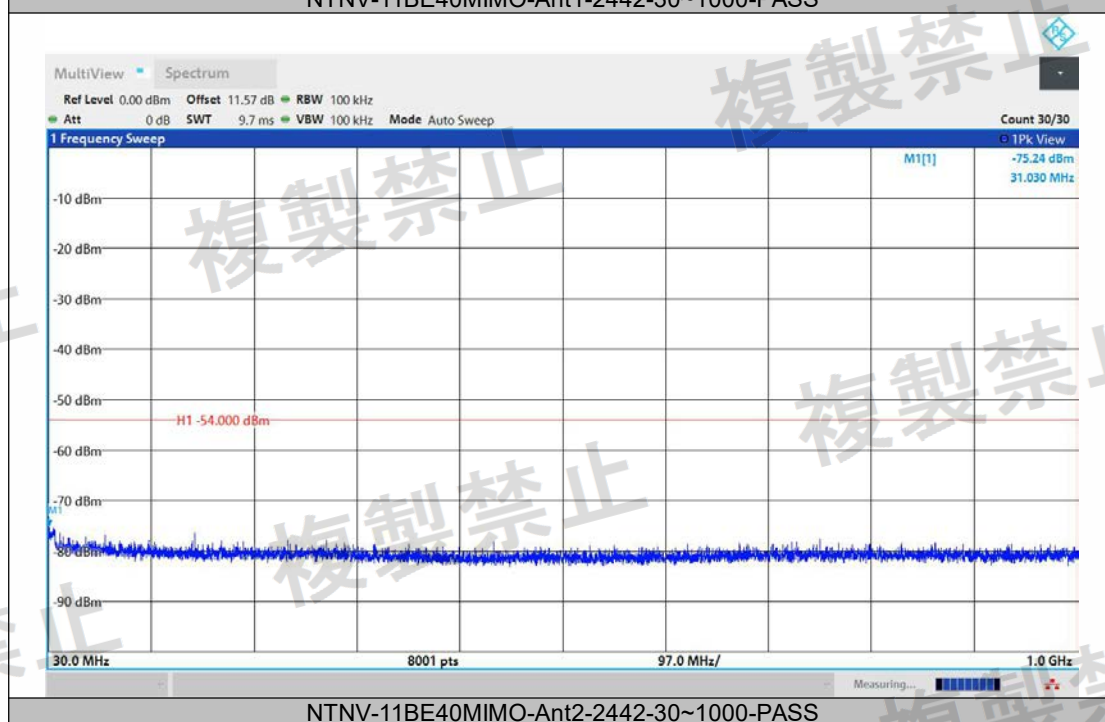
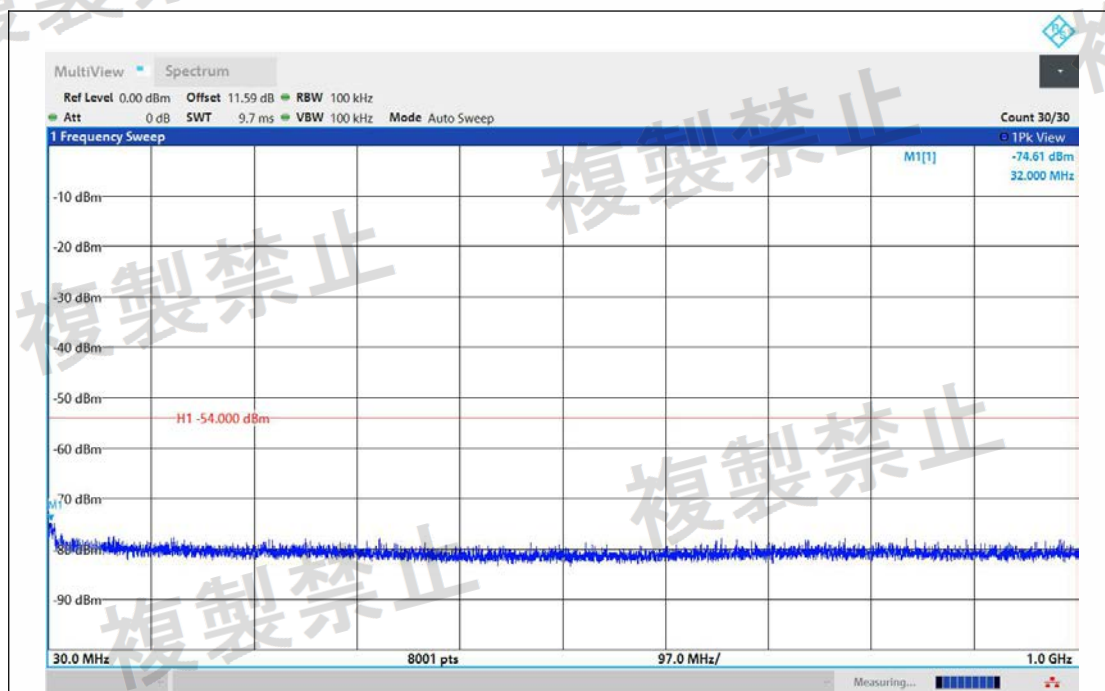


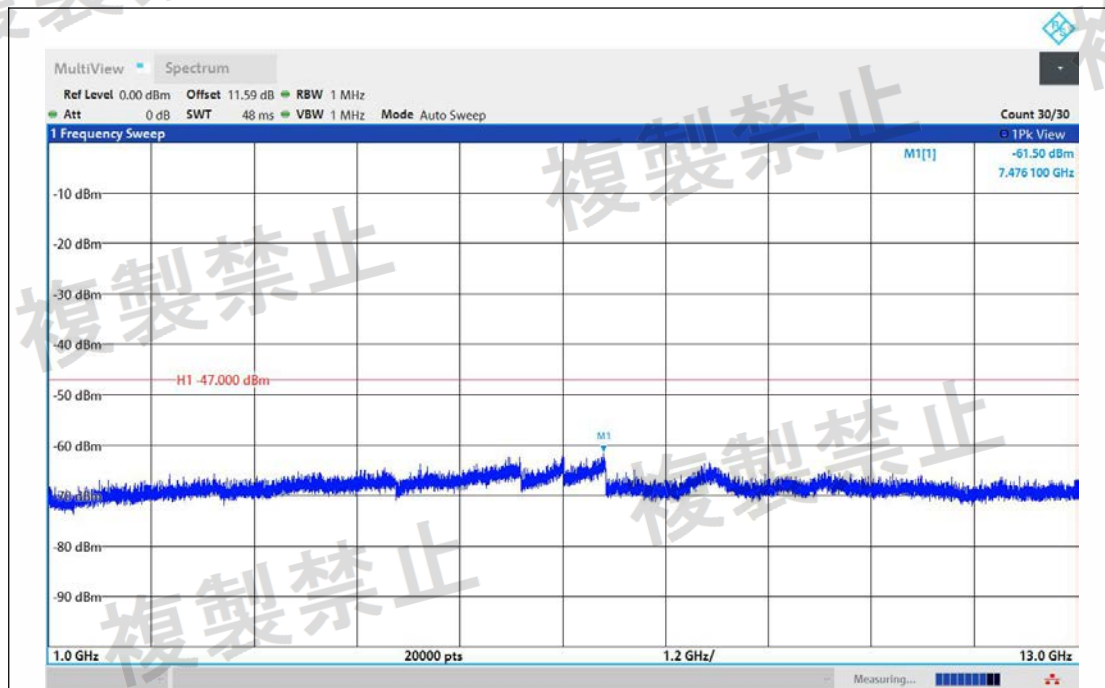


NTNV-11BE40MIMO-Ant1-2422-1000~13000-PASS

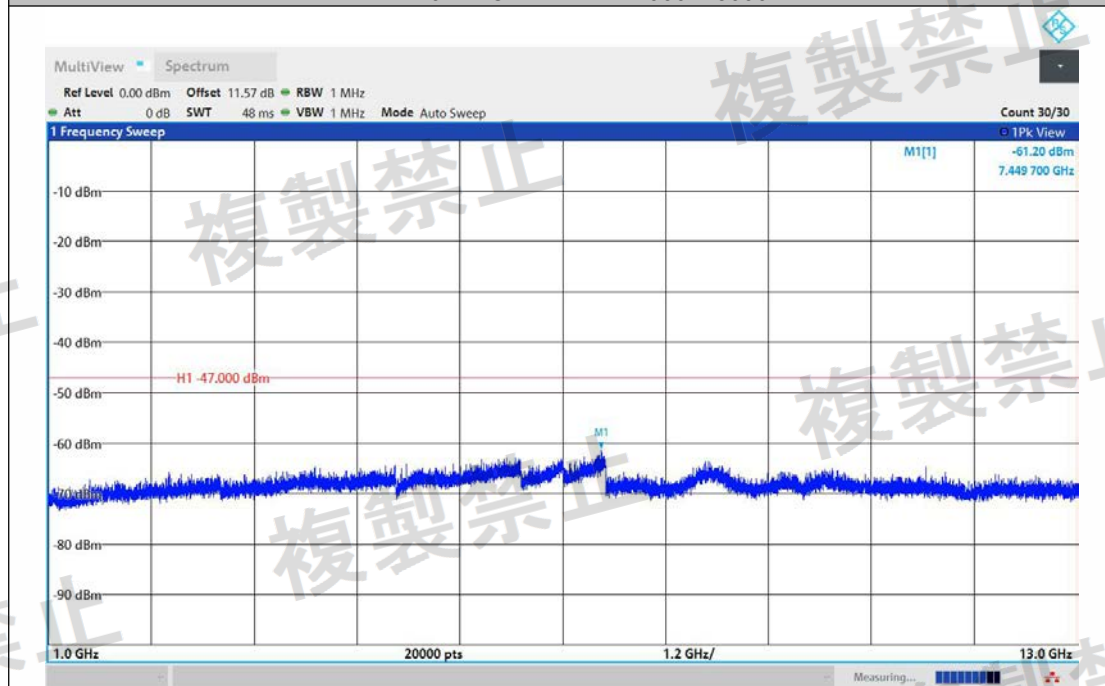


NTNV-11BE40MIMO-Ant2-2422-1000~13000-PASS

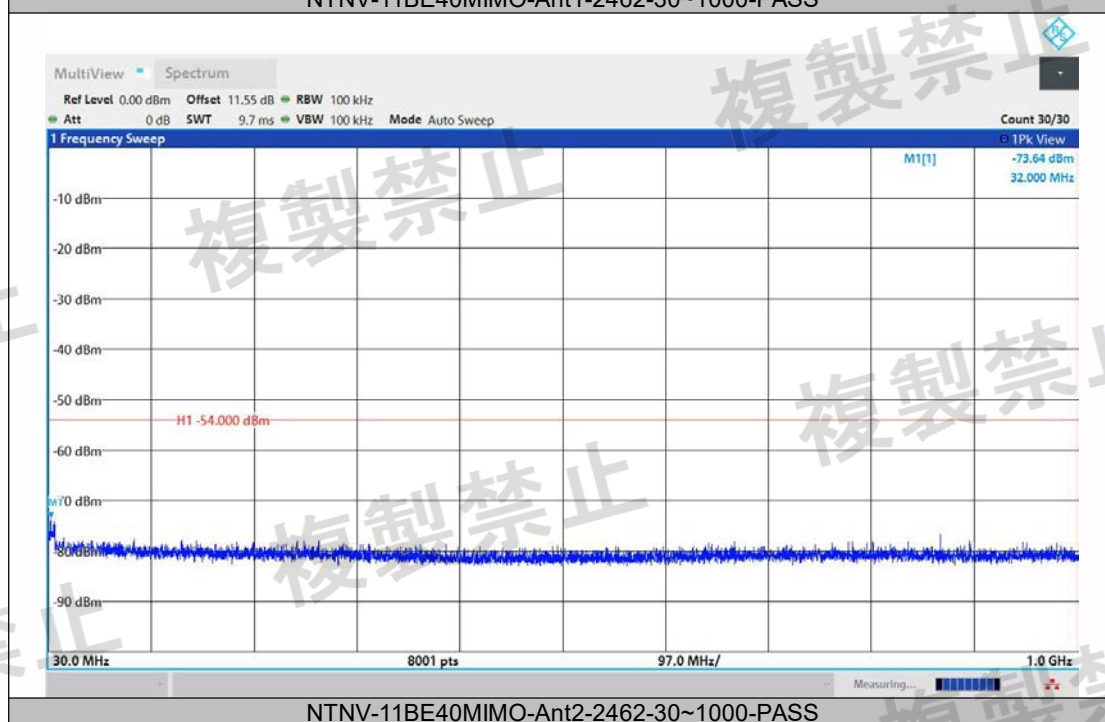
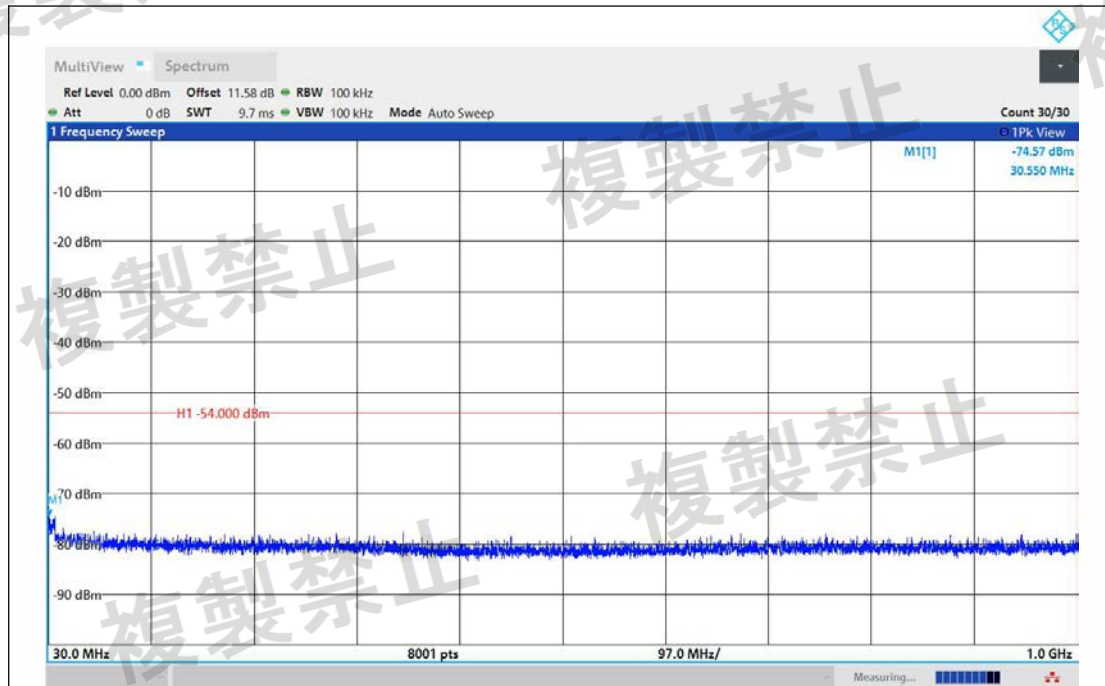


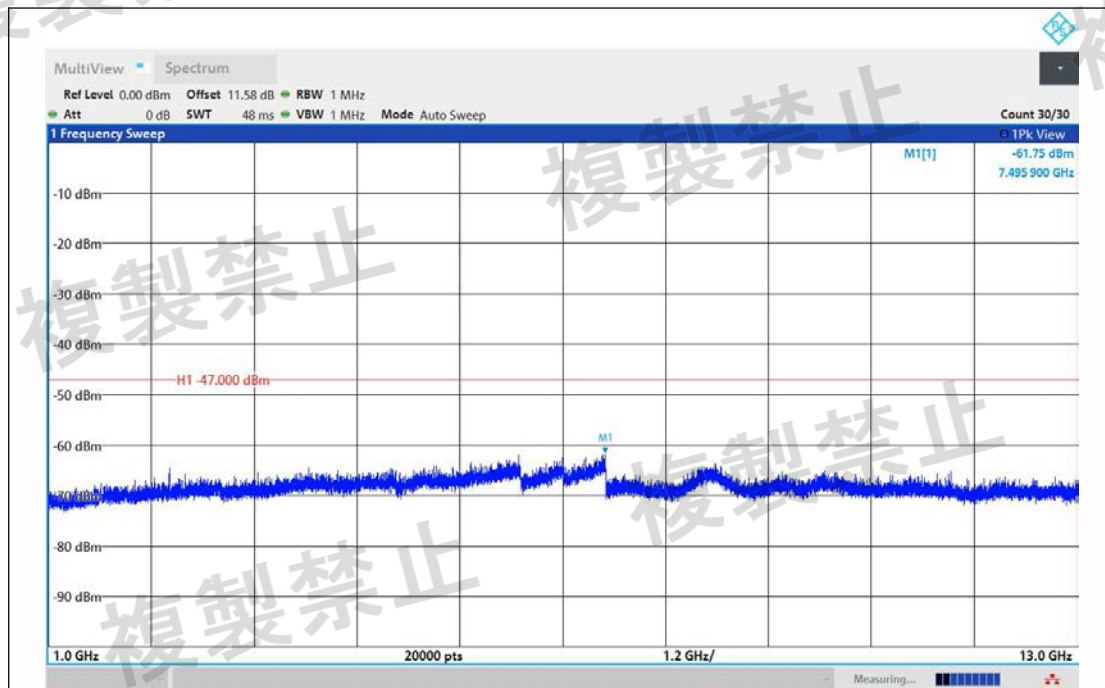


NTNV-11BE40MIMO-Ant1-2442-1000~13000-PASS

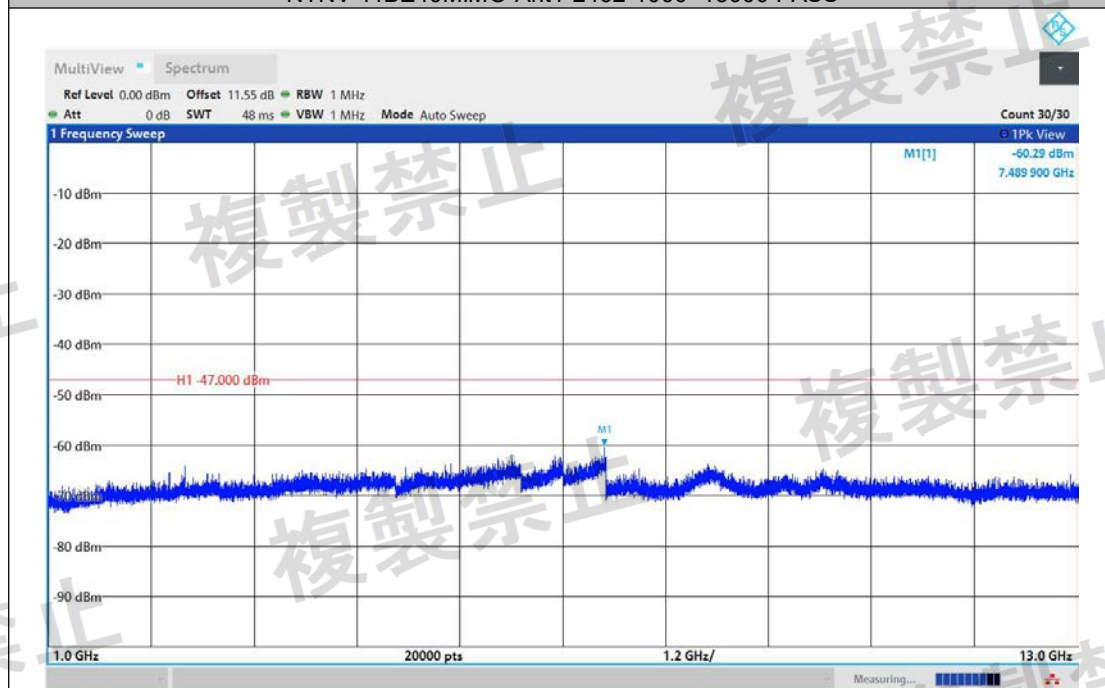


NTNV-11BE40MIMO-Ant2-2442-1000~13000-PASS





NTNV-11BE40MIMO-Ant1-2462-1000~13000-PASS



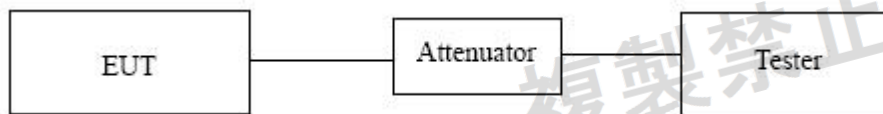
NTNV-11BE40MIMO-Ant2-2462-1000~13000-PASS

7.6 INTERFERENCE PREVENTION FUNCTION

7.6.1 Standard Applicable

According to Item 19 of Article 2 Paragraph 1. The device shall have the function of automatic transmission or reception of identification code.

7.6.2 Test Setup Block Diagram



7.6.3 Test Procedure

1. Set the EUT in the usual operation condition
2. The radio equipment with automatic transmitting function of identification code
 - A. Transmit the assigned identification code from the radio equipment.
 - B. Confirm the identification code received by the demodulator.
3. The radio equipment with automatic receiving function of identification code
 - A. Transmit the assigned identification code from the opposite equipment.
 - B. Confirm that the usual communication is available.
 - C. Transmit the identification code distinct from the assigned one from the opposite equipment.
 - D. Confirm that the radio equipment is stopped or an indication is displayed as the identification code is different.
4. The identification function shall be recorded with "Good" or "No".

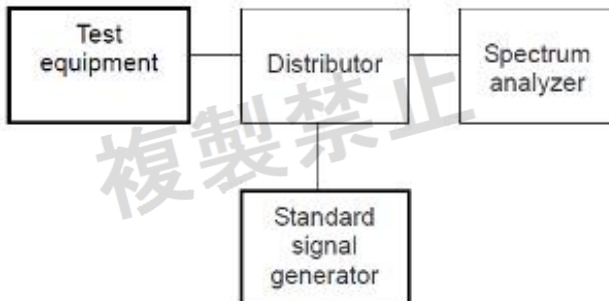
7.6.4 Summary of Test Results/Plots

Pass

Test Item	Test Result	Remark
Transmitting Function of Identification Code	Good	The device have the function of automatic transmission or reception of identification code
Receiving Function of Identification Code	Good	The device have the function of automatic transmission or reception of identification code

7.7 CARRIER SENSE CAPABILITY

7.7.1 Measurement system diagram



7.7.2 Condition of measuring instrument

(1) Set the standard signal generator as follows:

Carrier frequency: Center frequency of receiving frequency band of test equipment

Modulation: No modulation.(note1)

Output level: regulated level on antenna input of test equipment

Note 1: The un-modulated carrier in the center frequency, when the carrier sense function of test equipment is not worked, if necessary, change the frequency or modulate it.

(2) Set the spectrum analyzer as follows:

Center frequency: Center frequency of the bandwidth used.(note2)

Sweep frequency band: 50MHz(note2)

Resolution bandwidth: Approximately 1 MHz

Video bandwidth: Comparable level with resolution bandwidth

Trigger condition: Free-run

Detective mode: Positive peak

Note 2: Under 26MHz of OFDM or other modulated method that with transmit function, set sweep frequency band as 0Hz, detective mode as sample, center frequency as the carrier frequency from 13MHz to 19MHz.

7.7.3 Condition of test equipment

Set the test equipment at the test frequency and the test spread code, and set it to the receiving mode in the beginning. When using external test device, connect with the test equipment by line connection.

7.7.4 Measuring operation procedure

(1) Test with test equipment only:

A) Set the spectrum analyzer according to above (2).

B) Set the test equipment to the transmitting operation with the output of standard signal generator OFF, and confirm that it emits over 26MHz occupied frequency bandwidth OFDM radio wave, by using spectrum analyzer.

C) Set the test equipment to the receiving mode.

D) With the output of standard signal generator ON, set the test equipment to the transmitting operation, and confirm that it does not emit over 26MHz occupied frequency bandwidth OFDM radio wave, by using spectrum analyzer.

複製禁止



Access to the World

複製禁止

7.7.5 Test result

The device does meet the requirements (Good).

Pass

複製禁止

複製禁止

複製禁止

複製禁止

複製禁止

複製禁止

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複製禁止

7.8 RF ACCESSIBILITY

Standard requirement

Article 49-20, paragraph 1 (a)

The EUT shall be constructed in such a way that sensitive RF parts, (like modulation and oscillator parts) cannot be reached easily by the user. These parts shall be covered by soldered metal caps or glue or by other mechanical covers. If the covers are fixed with screws, these shall be not the common type(s) like a Phillips, but special versions like Torx, so that the user cannot open the device with common tools.

☐	Sealed with special screws.
☐	Plastic chassis is being welded using ultrasonic waves.
☐	Chassis is glued using a special adhesive.
☐	Metal covers are spot-fused.
☐	Cover is specially interlocked.
☒	RF and Modulation components are covered with shielding case and this shielding case is soldered.
☐	Shield case is welded at RF and modulation parts, and ID-ROM is welded using the BGA Method.
☐	Shield case is welded at RF and modulation parts, and ID-ROM is glued at its lead with a special adhesive.
☐	Shield case is welded at RF and modulation parts, and ID-ROM is glued with anon-transparent laminating agent.
☐	RF and Modulation parts are mounted on PCB with surface mount technology, and there is no any adjustable parts on PCB or adjustable parts are not exposed.

Test result: Pass

8 APPENDIX PHOTOGRAPHS OF TEST SETUP



--- End of Report ---

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