RF Test Report

For BTEK251117001A01E01

Project No.:	BTEK251117001A01E0104
Product Description:	22.8℃, 48%, 103.1kPa
Test Engineer:	Zora
Test Date:	2025-12-16~2025-12-18

Test Summary

Item	Result
Frequency Error	Pass
Occupied Bandwidth	Pass
Antenna Power	Pass
Adjacent Channel Leakage Power	Pass
Out Of Bands Leakage Power	Pass
Transmission Burst Length	Pass
Spurious Emission Intensity	Pass
Secondary Radiated Emission	Pass

1. Frequency Error

1.1 Test Result

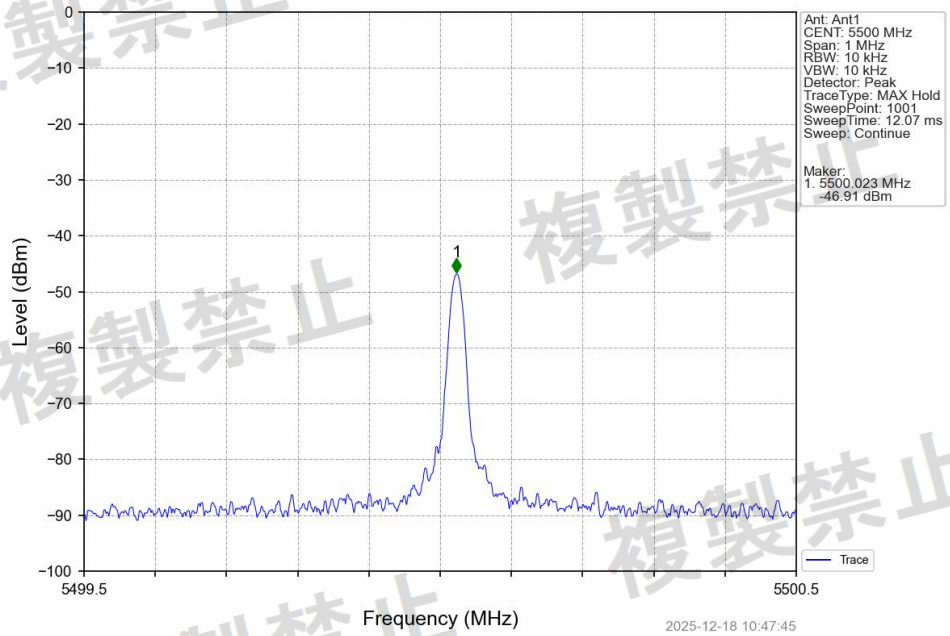
1.1.1 Ant1

Ant1							
ENV	Mode	TX Type	Frequency (MHz)	Measured Frequency (MHz)	Tolerance (ppm)		Verdict
					Result	Limit	
NTNV	Carrier Wave	SISO	5500	5500.023	4.18	-20 to 20	Pass
			5600	5600.023	4.11	-20 to 20	Pass
			5720	5720.024	4.20	-20 to 20	Pass
			5510	5510.023	4.17	-20 to 20	Pass
			5590	5590.023	4.11	-20 to 20	Pass
			5710	5710.024	4.20	-20 to 20	Pass
			5530	5530.021	3.80	-20 to 20	Pass
			5610	5610.022	3.92	-20 to 20	Pass
			5690	5690.023	4.04	-20 to 20	Pass

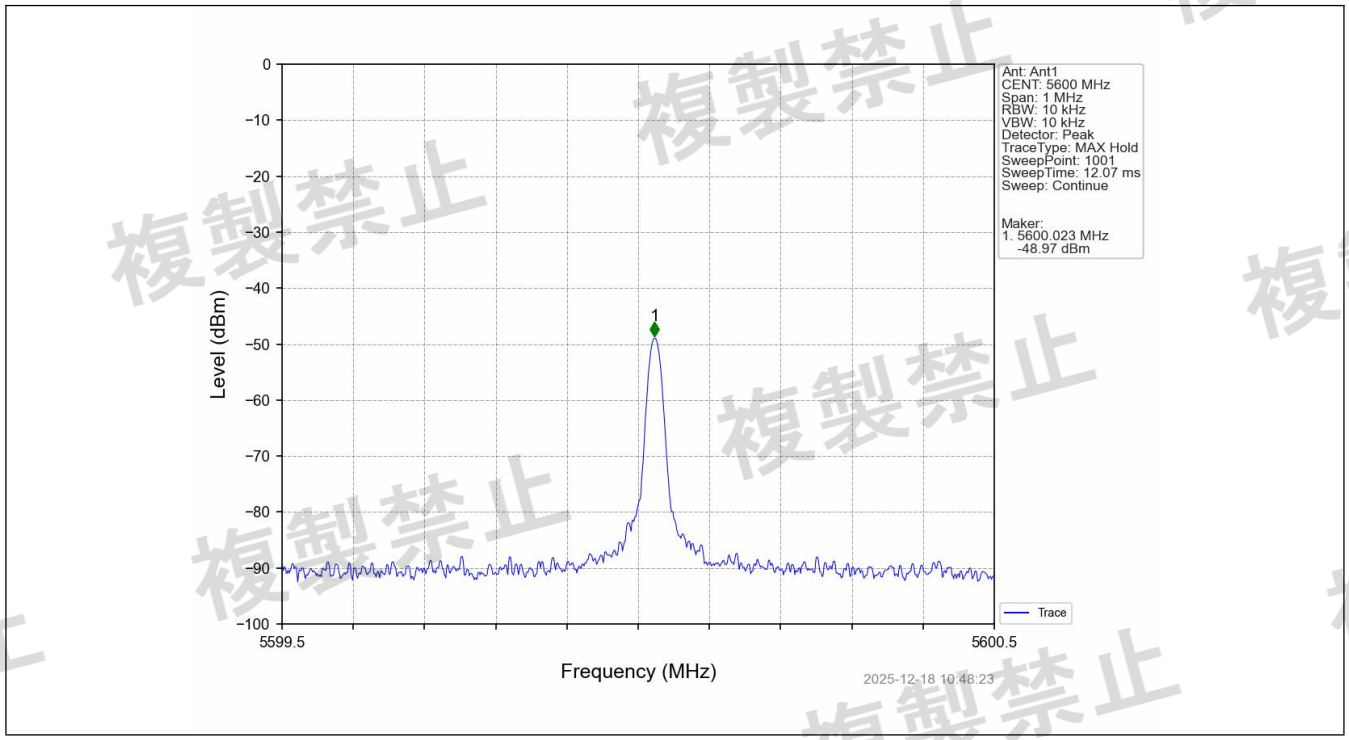
1.2 Test Graph

1.2.1 Ant1

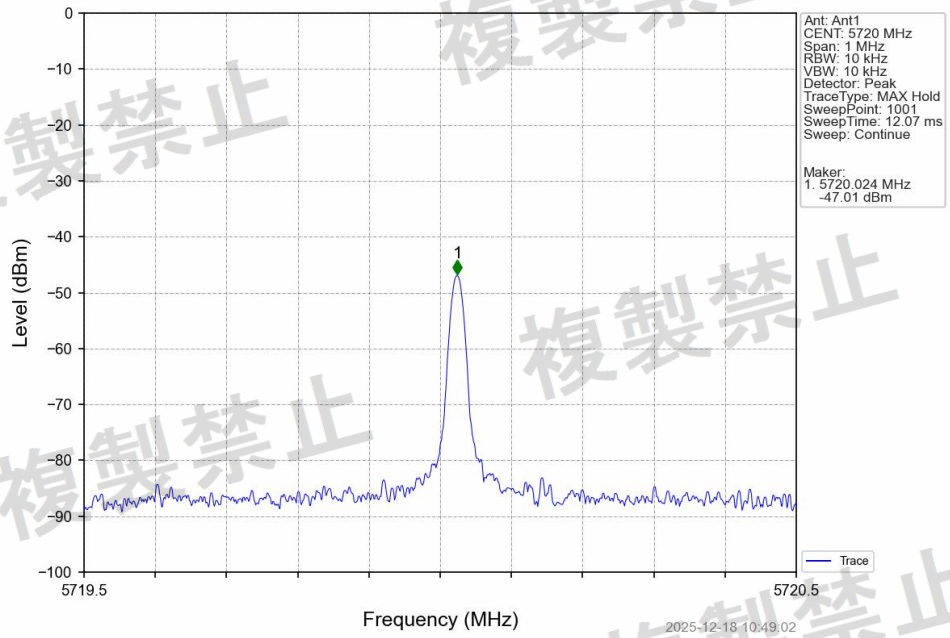
Carrier Wave_LCH_5500MHz_Ant1_NTNV



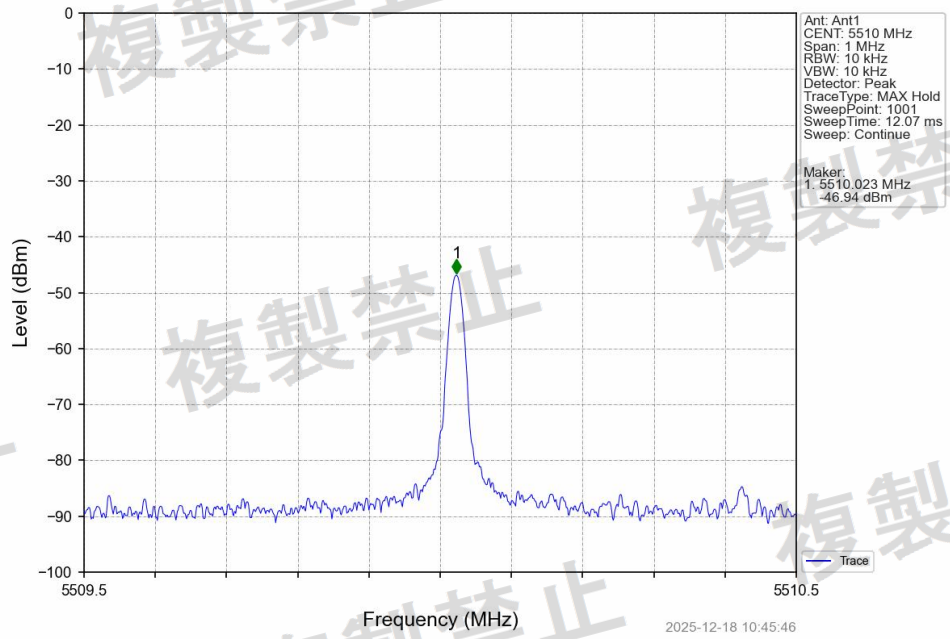
Carrier Wave_MCH_5600MHz_Ant1_NTNV


Ant: Ant1
CENT: 5600 MHz
Span: 1 MHz
RBW: 10 kHz
VBW: 10 kHz
Detector: Peak
TraceType: MAX Hold
SweepPoint: 1001
SweepTime: 12.07 ms
Sweep: Continue
Maker:
1. 5600.023 MHz
-48.97 dBm
Level (dBm)
0
-10
-20
-30
-40
-50
-60
-70
-80
-90
-100
5599.5
5600.5
Frequency (MHz)
Trace
2025-12-18 10:48:23

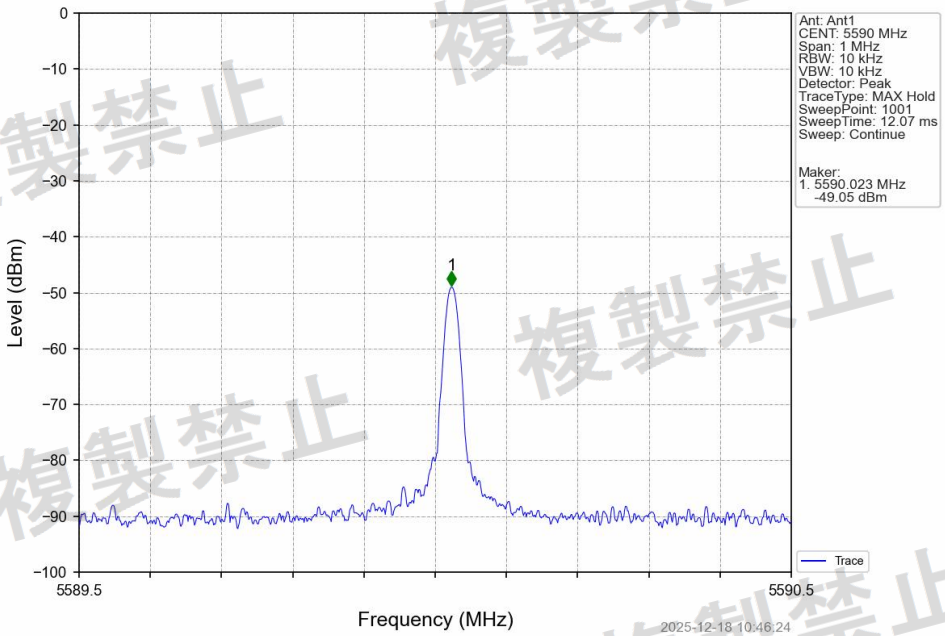
Carrier Wave_HCH_5720MHz_Ant1_NTNV



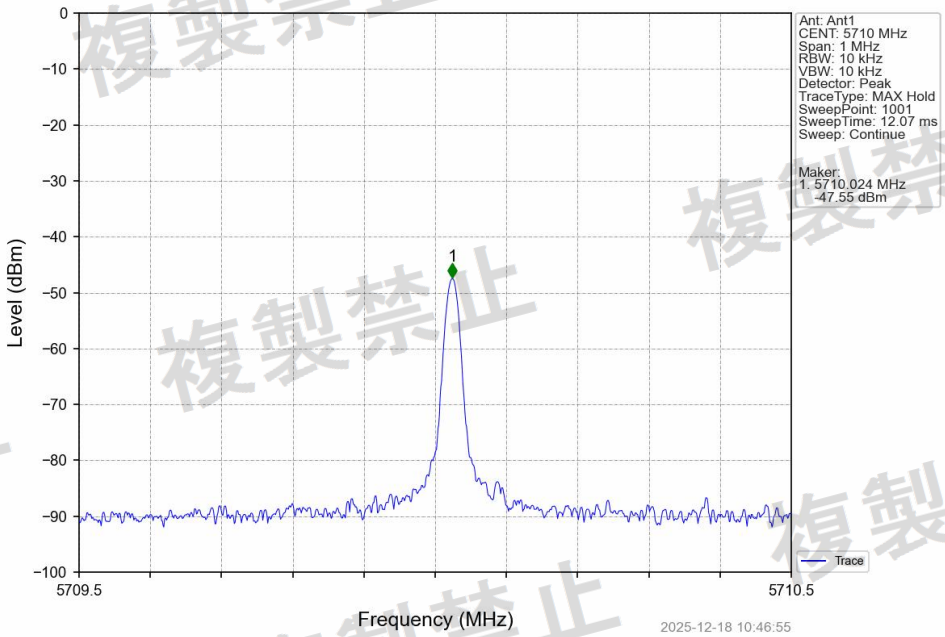
Carrier Wave_LCH_5510MHz_Ant1_NTNV



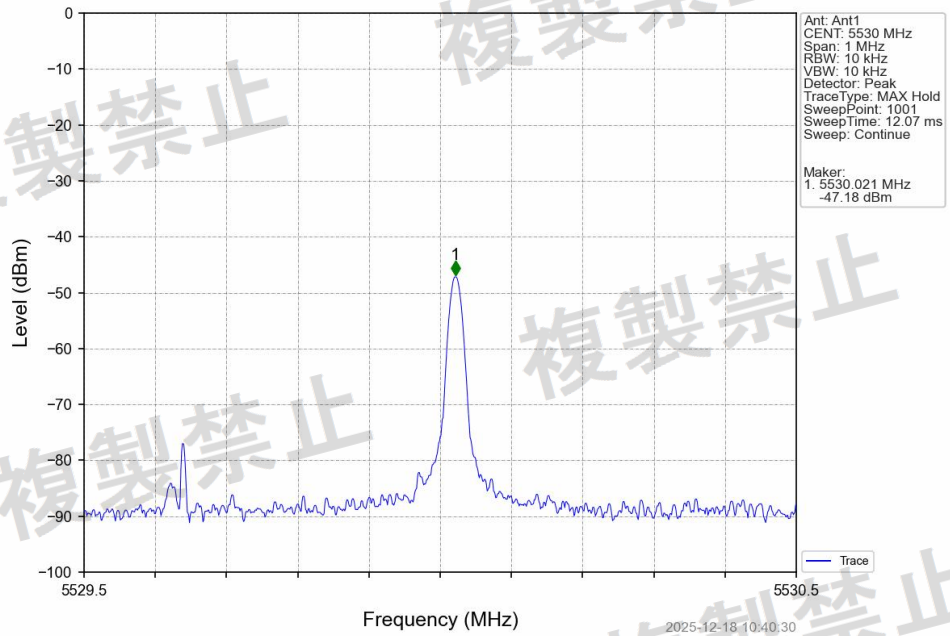
Carrier Wave_MCH_5590MHz_Ant1_NTNV



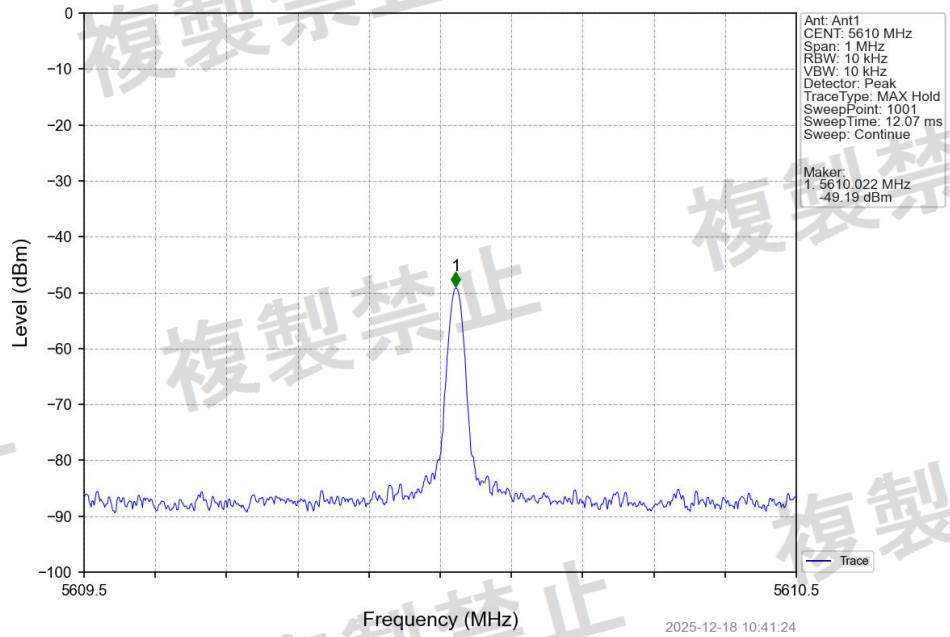
Carrier Wave_HCH_5710MHz_Ant1_NTNV



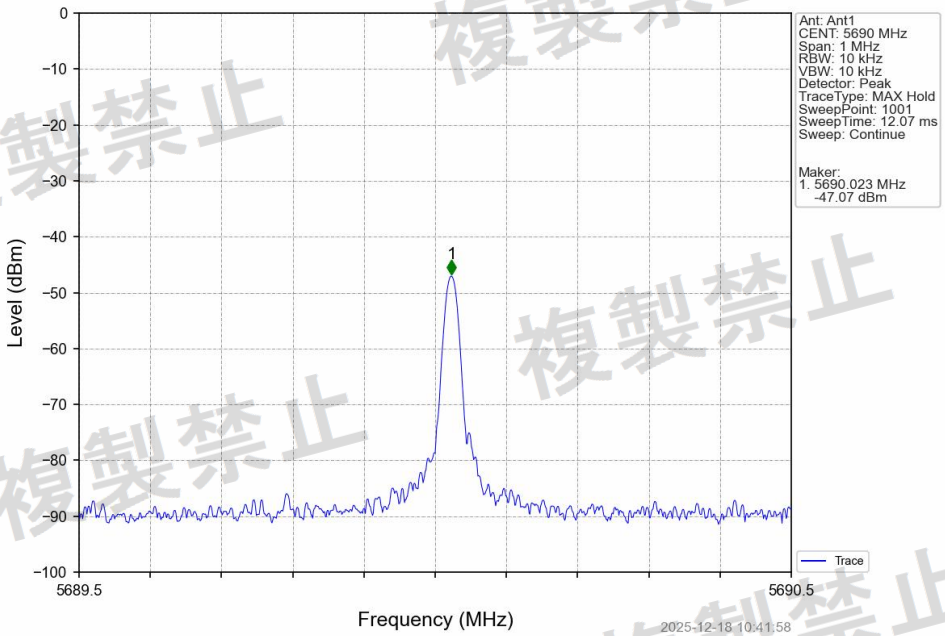
Carrier Wave_LCH_5530MHz_Ant1_NTNV



Carrier Wave_HCH_5610MHz_Ant1_NTNV



Carrier Wave_HHCH_5690MHz_Ant1_NTNV



2. Occupied Bandwidth

2.1 Test Result

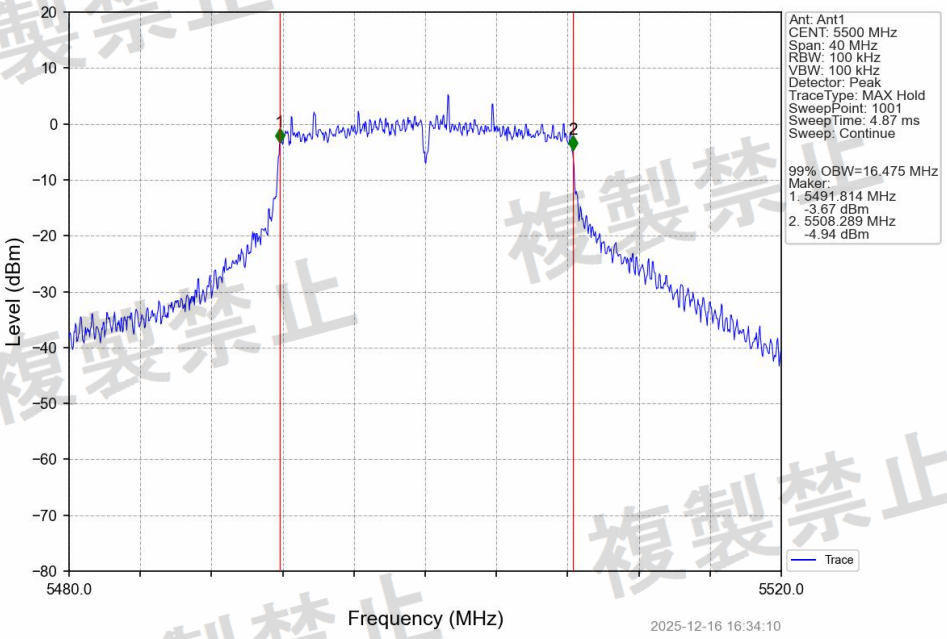
2.1.1 OBW

ENV	Mode	TX Type	Frequency (MHz)	99% Occupied Bandwidth (MHz)		Verdict
				ANT1	Limit	
NTNV	802.11a	SISO	5500	16.475	<=20	Pass
			5600	16.488	<=20	Pass
			5720	16.419	<=20	Pass
	802.11n (HT20)	SISO	5500	17.657	<=20	Pass
			5600	17.660	<=20	Pass
			5720	17.645	<=20	Pass
	802.11n (HT40)	SISO	5510	36.112	<=40	Pass
			5590	36.169	<=40	Pass
			5710	36.153	<=40	Pass
	802.11ac (VHT20)	SISO	5500	17.657	<=20	Pass
			5600	17.657	<=20	Pass
			5720	17.650	<=20	Pass
	802.11ac (VHT40)	SISO	5510	36.150	<=40	Pass
			5590	36.164	<=40	Pass
			5710	36.149	<=40	Pass
	802.11ac (VHT80)	SISO	5530	75.361	<=80	Pass
			5610	75.584	<=80	Pass
			5690	75.491	<=80	Pass

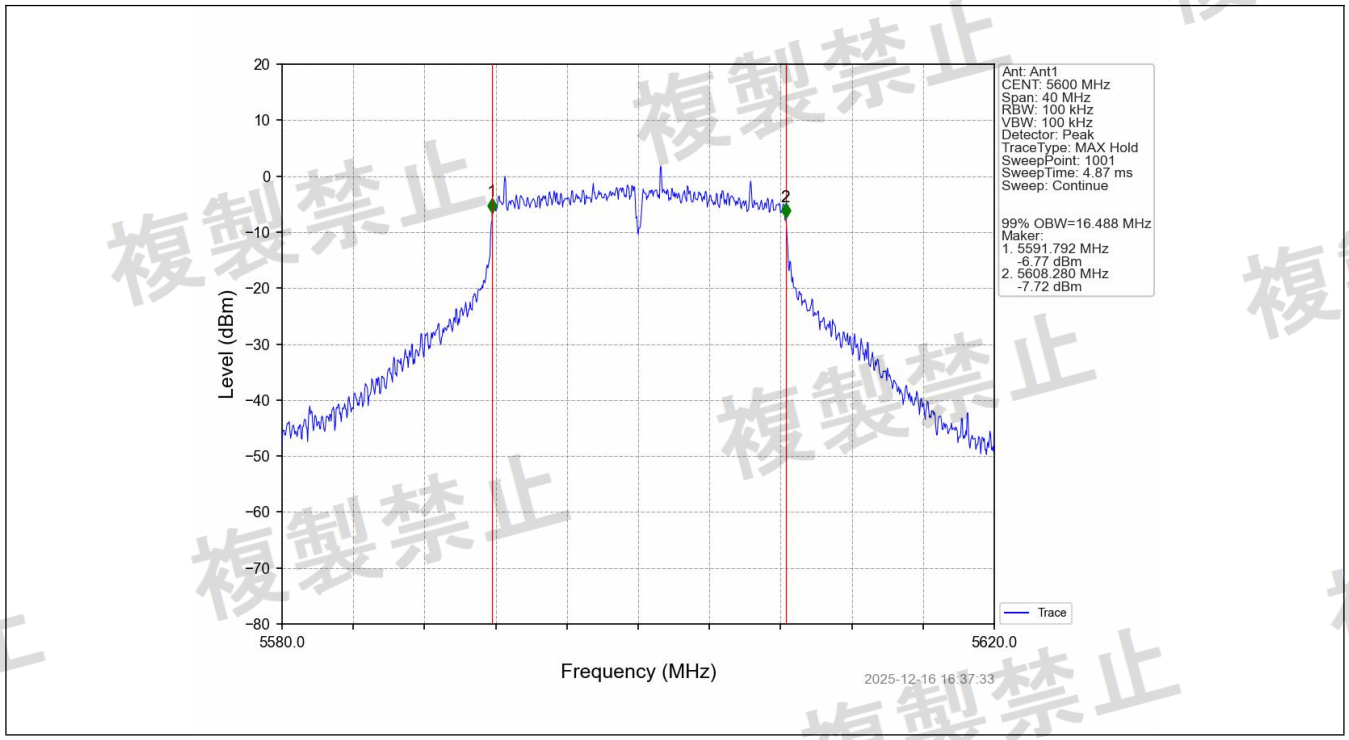
2.2 Test Graph

2.2.1 OBW

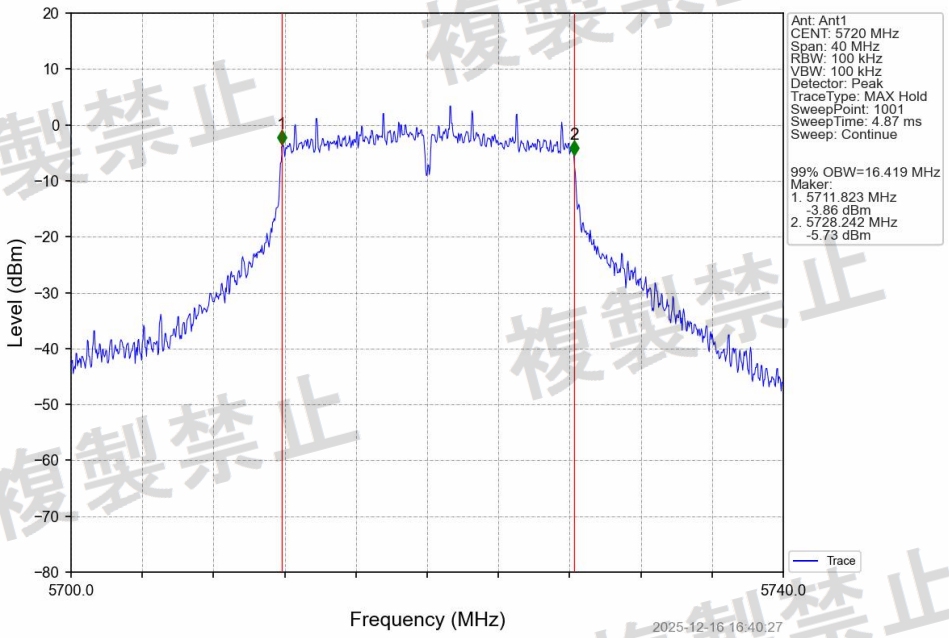
802.11a_LCH_5500MHz_Ant1_NTNV



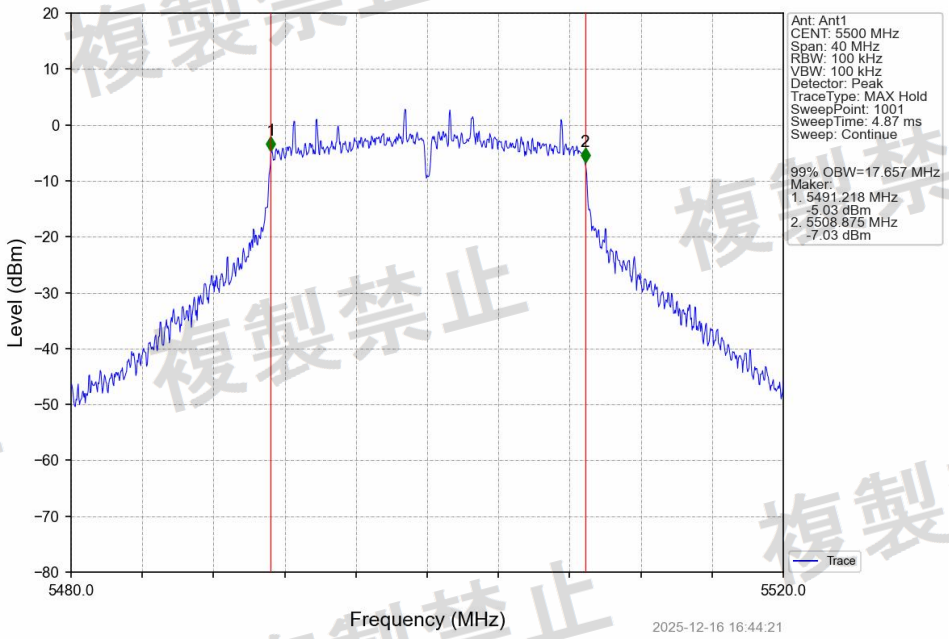
802.11a_MCH_5600MHz_Ant1_NTNV


Ant: Ant1
CENT: 5600 MHz
Span: 40 MHz
RBW: 100 kHz
VBW: 100 kHz
Detector: Peak
TraceType: MAX Hold
SweepPoint: 1001
SweepTime: 4.87 ms
Sweep: Continue
99% OBW=16.488 MHz
Maker:
1. 5591.792 MHz
-6.77 dBm
2. 5608.280 MHz
-7.72 dBm
Trace
Level (dBm)
Frequency (MHz)
5580.0
5620.0
2025-12-16 16:37:33

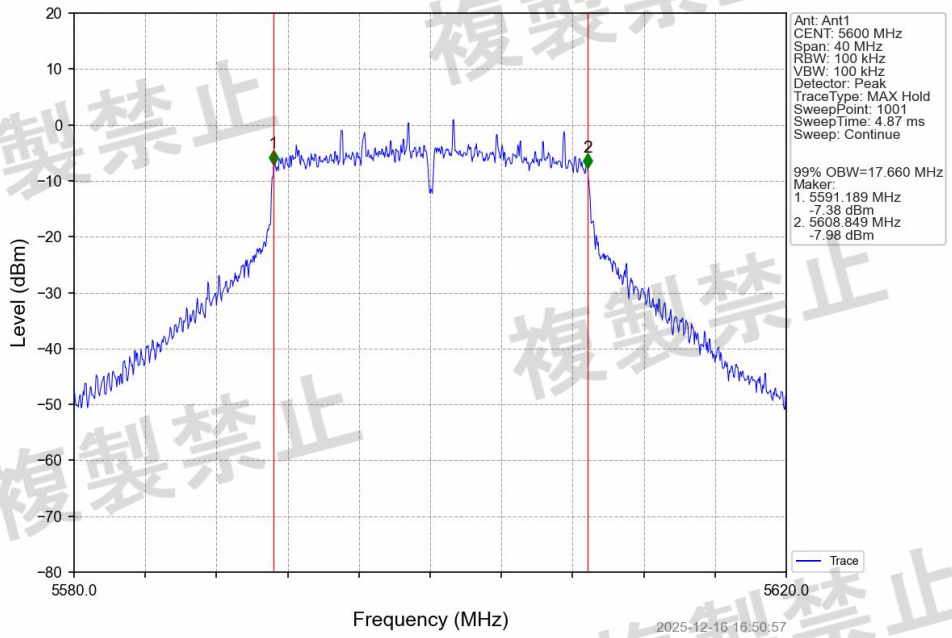
802.11a_HCH_5720MHz_Ant1_NTNV



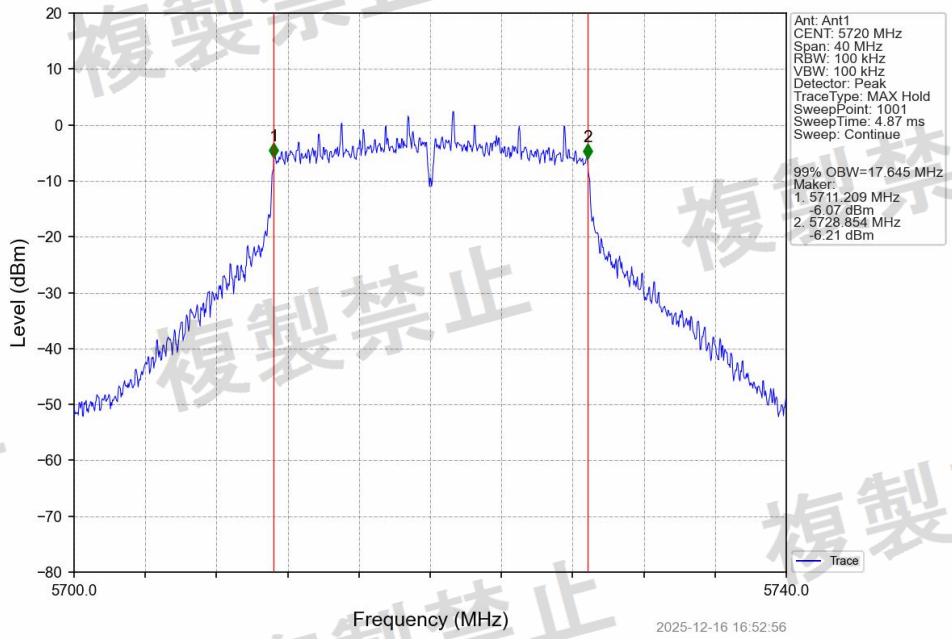
802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



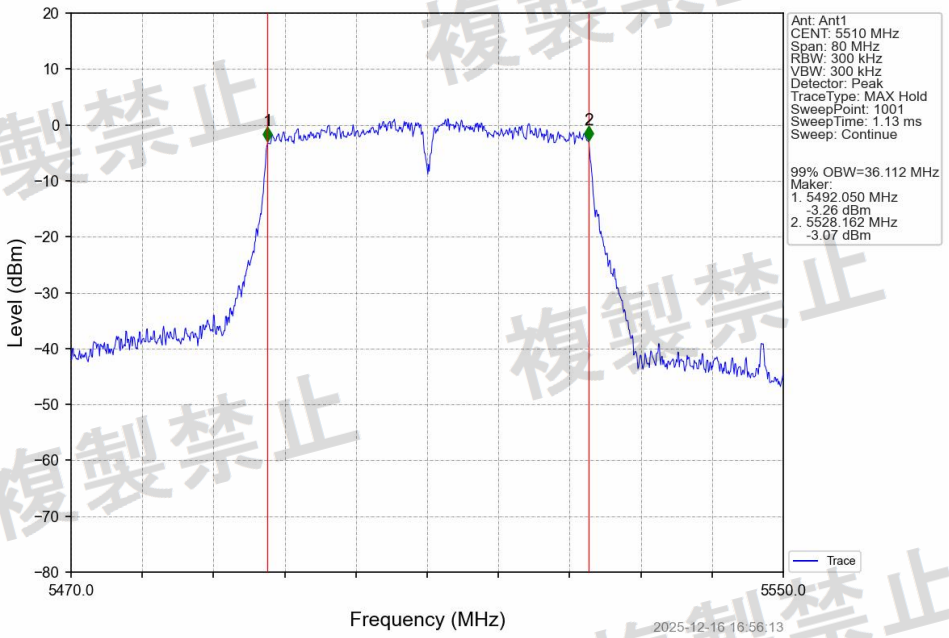
802.11n(HT20)_MCH_5600MHz_Ant1_NTNV



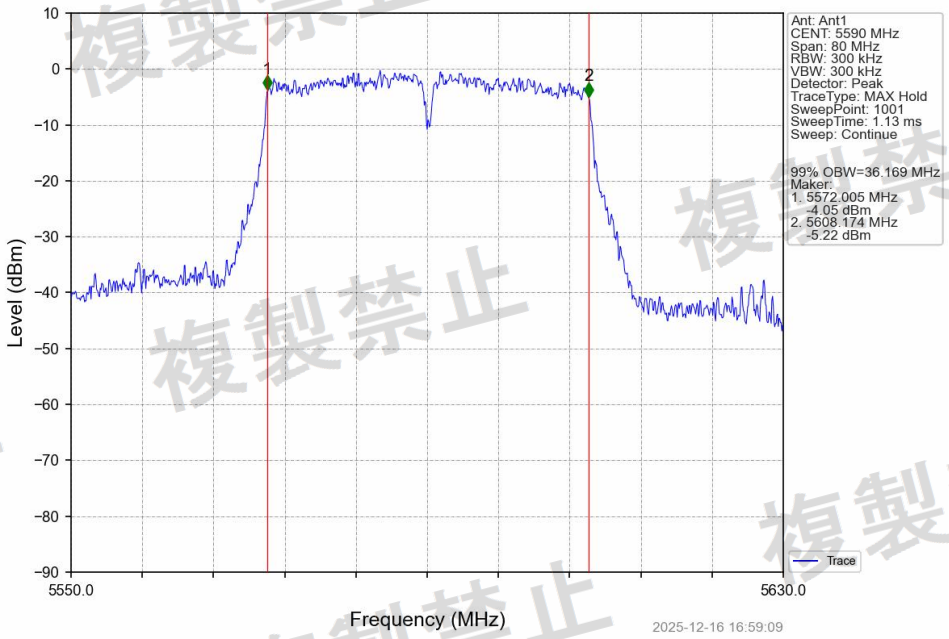
802.11n(HT20)_HCH_5720MHz_Ant1_NTNV



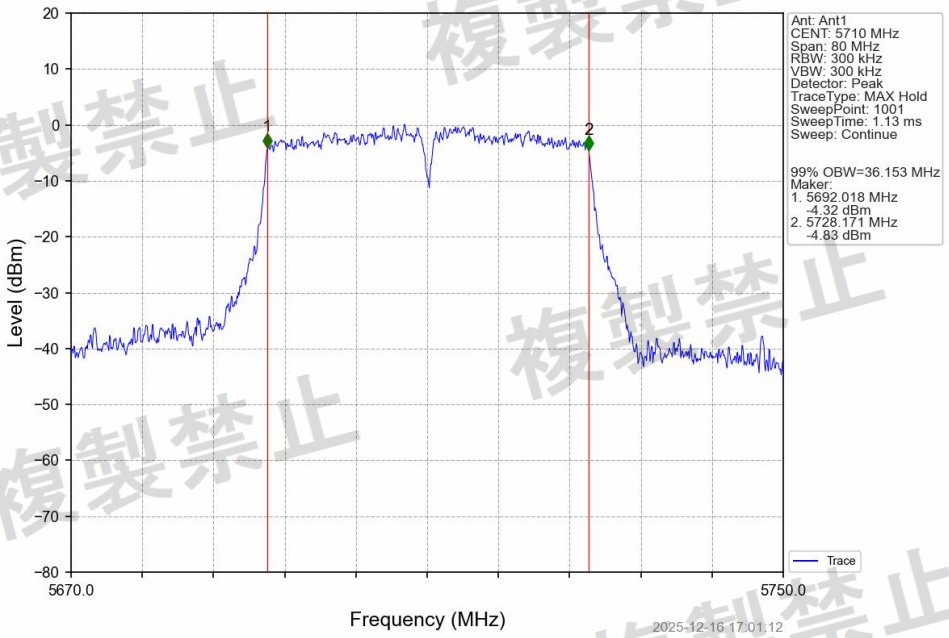
802.11n(HT40)_LCH_5510MHz_Ant1_NTNV



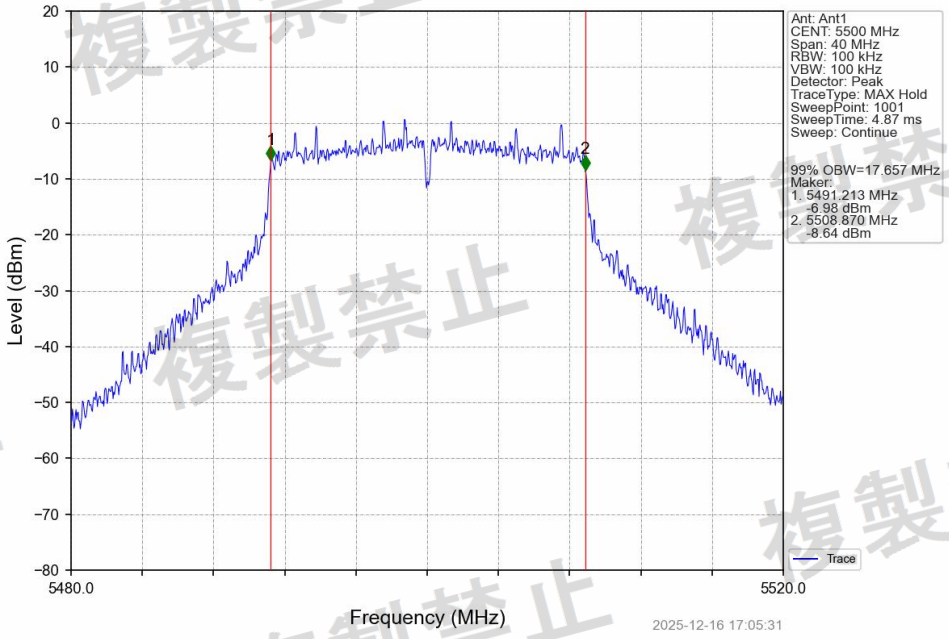
802.11n(HT40)_MCH_5590MHz_Ant1_NTNV



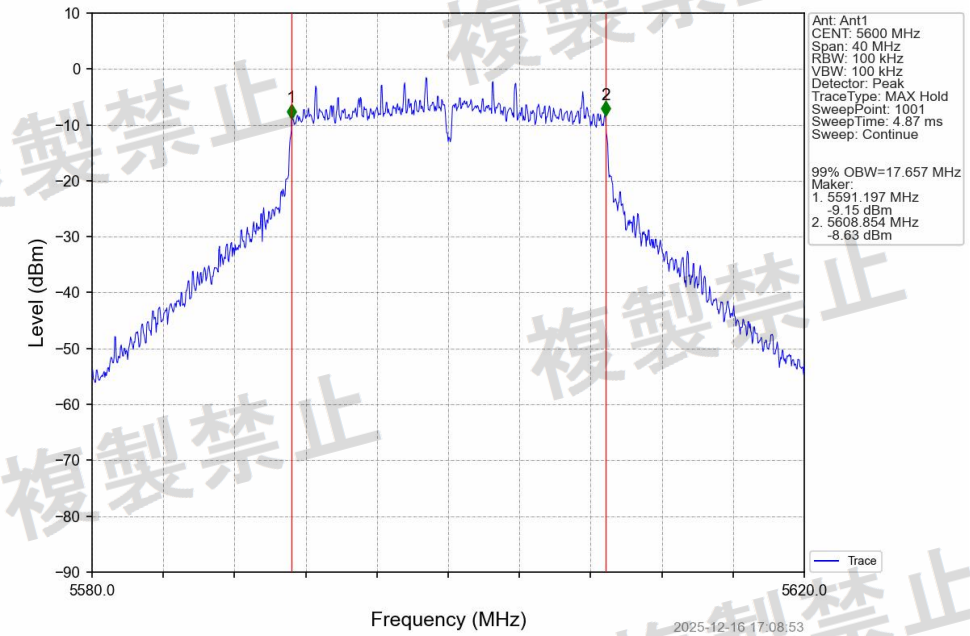
802.11n(HT40)_HCH_5710MHz_Ant1_NTNV



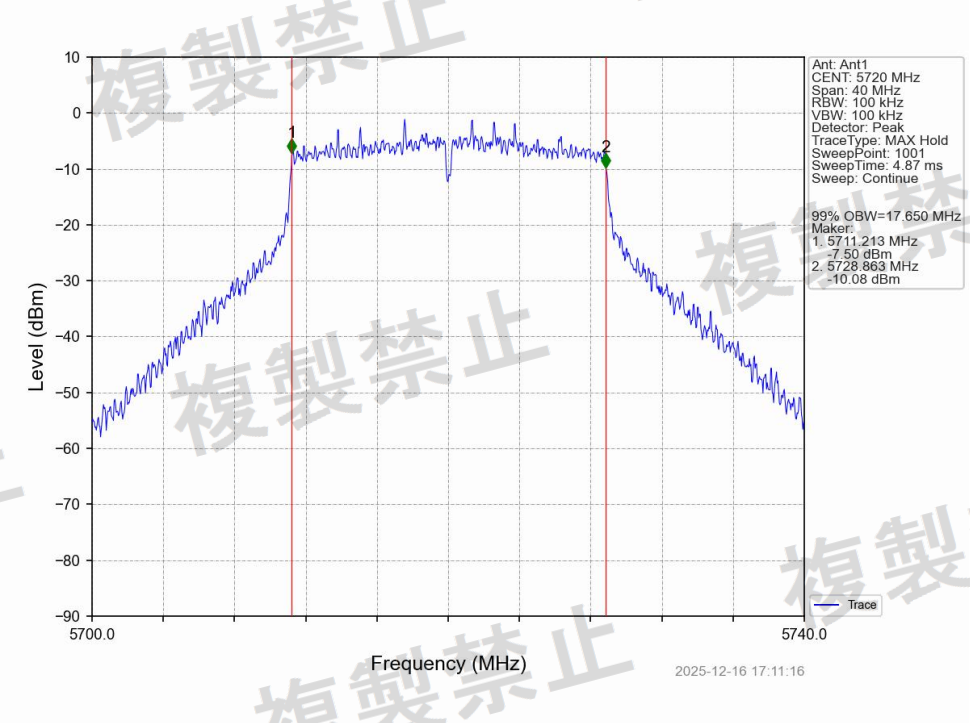
802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV



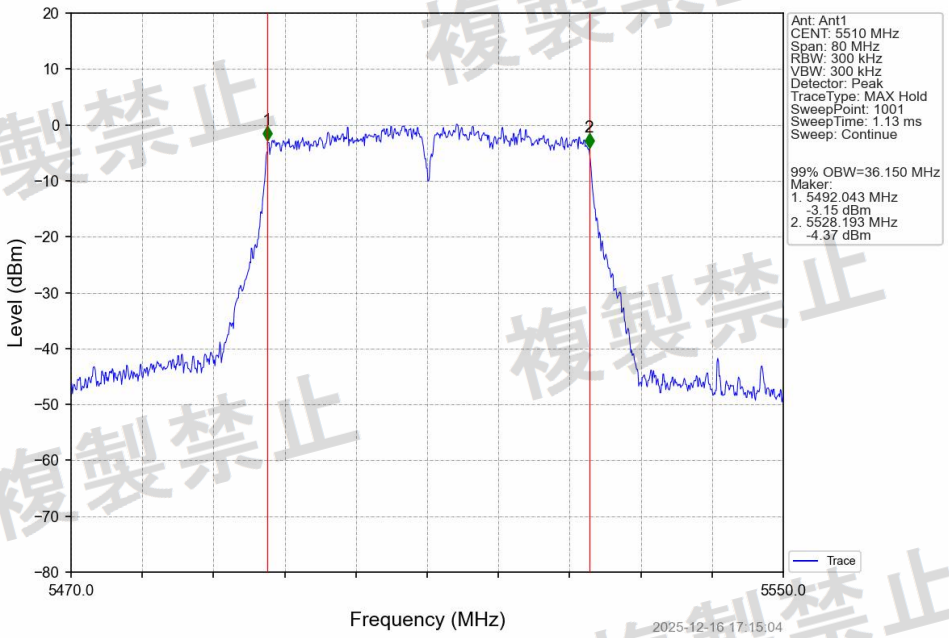
802.11ac(VHT20)_MCH_5600MHz_Ant1_NTNV



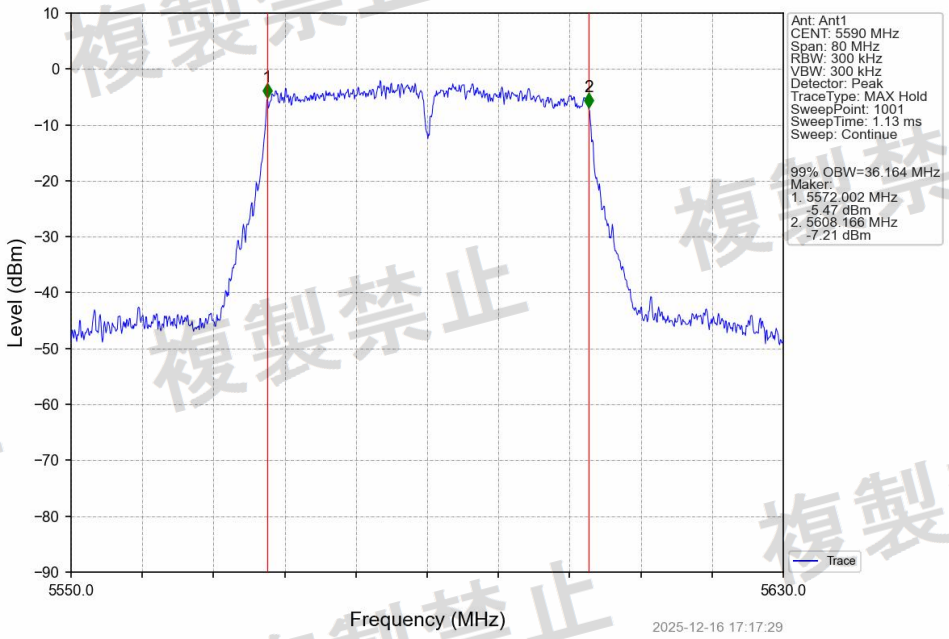
802.11ac(VHT20)_HCH_5720MHz_Ant1_NTNV



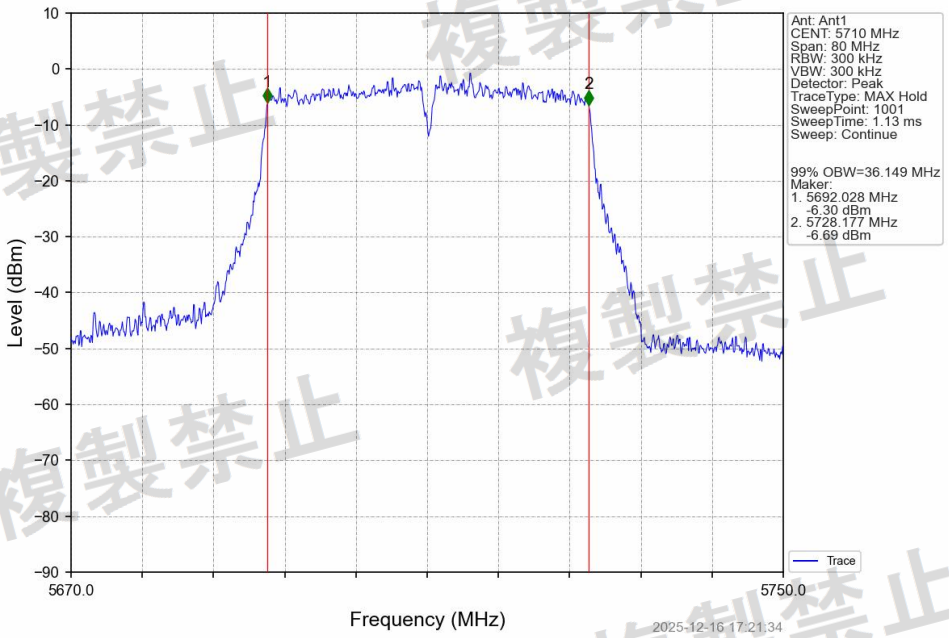
802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV



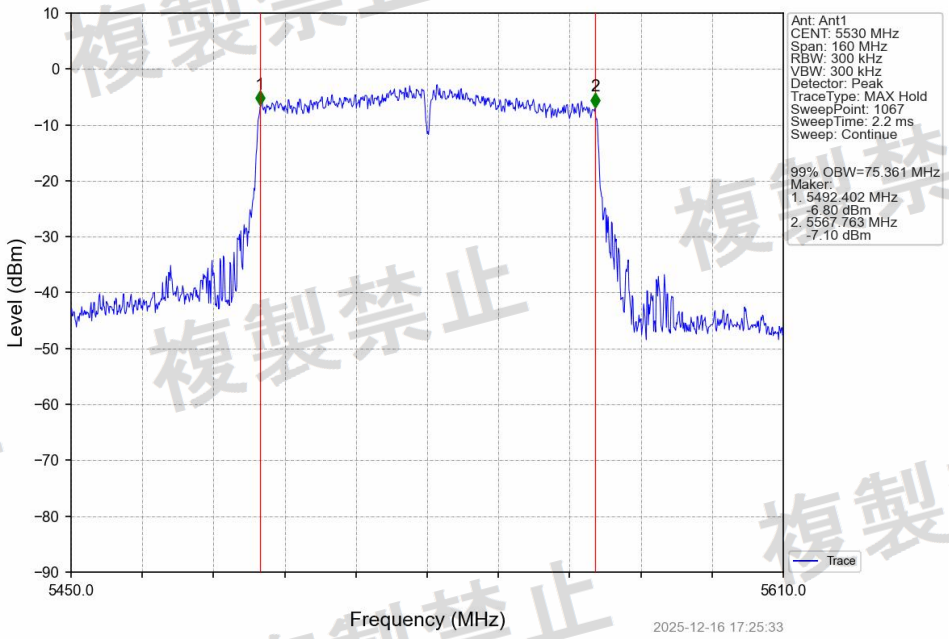
802.11ac(VHT40)_MCH_5590MHz_Ant1_NTNV



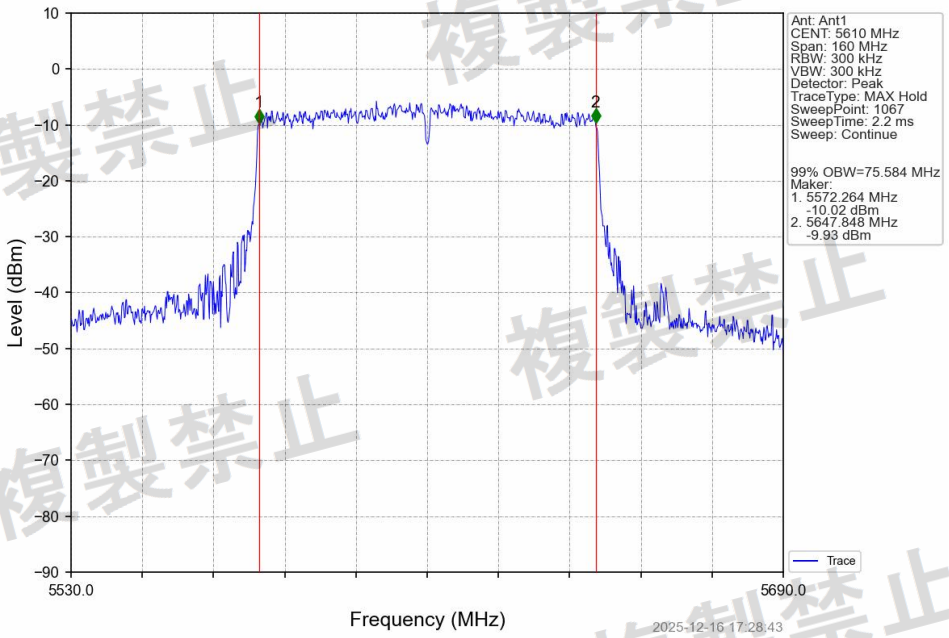
802.11ac(VHT40)_HCH_5710MHz_Ant1_NTNV



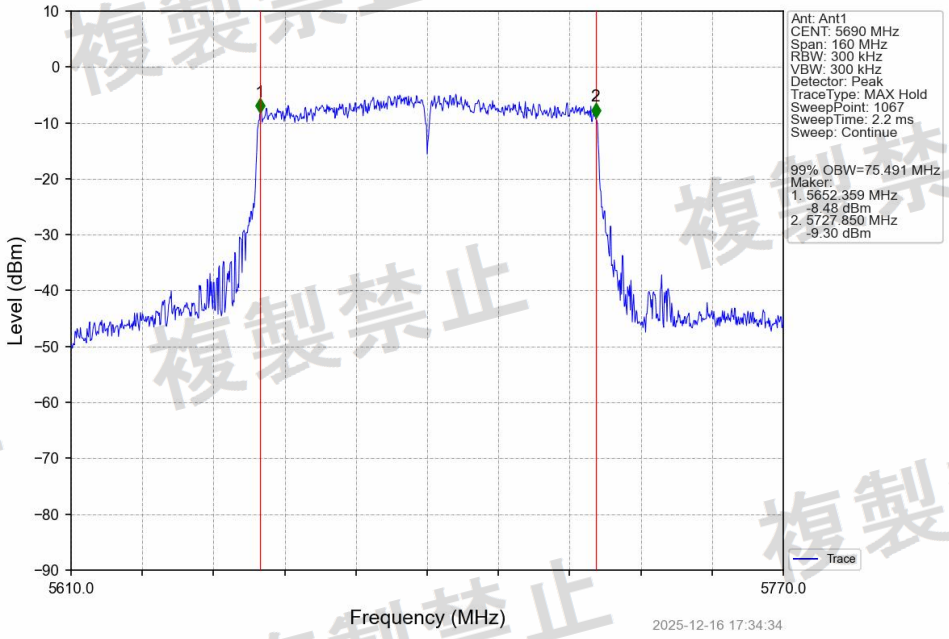
802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV



802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV



802.11ac(VHT80)_HHCH_5690MHz_Ant1_NTNV



3. Antenna Power

3.1 Test Result

3.1.1 Power_NTNV

NTNV									
Mode	TX Type	Frequency (MHz)	ANT	Antenna Power (mW/MHz)		Nominal Power (mW/MHz)	Tolerance (%)		Verdict
				Measured	Limit		Measured	Limit	
802.11a	SISO	5500	1	2.529	<=10.00	2.500	1.16	-50 to 50	Pass
		5600	1	1.304	<=10.00	2.500	-47.84	-50 to 50	Pass
		5720	1	1.638	<=10.00	2.500	-34.48	-50 to 50	Pass
802.11n (HT20)	SISO	5500	1	1.516	<=10.00	1.500	1.07	-50 to 50	Pass
		5600	1	0.853	<=10.00	1.500	-43.13	-50 to 50	Pass
		5720	1	1.091	<=10.00	1.500	-27.27	-50 to 50	Pass
802.11n (HT40)	SISO	5510	1	0.763	<=5.00	0.760	0.39	-50 to 50	Pass
		5590	1	0.527	<=5.00	0.760	-30.66	-50 to 50	Pass
		5710	1	0.585	<=5.00	0.760	-23.03	-50 to 50	Pass
802.11ac (VHT20)	SISO	5500	1	1.059	<=10.00	1.100	-3.73	-50 to 50	Pass
		5600	1	0.559	<=10.00	1.100	-49.18	-50 to 50	Pass
		5720	1	0.710	<=10.00	1.100	-35.45	-50 to 50	Pass
802.11ac (VHT40)	SISO	5510	1	0.598	<=5.00	0.600	-0.33	-50 to 50	Pass
		5590	1	0.348	<=5.00	0.600	-42.00	-50 to 50	Pass
		5710	1	0.379	<=5.00	0.600	-36.83	-50 to 50	Pass
802.11ac (VHT80)	SISO	5530	1	0.250	<=2.50	0.170	47.06	-50 to 50	Pass
		5610	1	0.138	<=2.50	0.170	-18.82	-50 to 50	Pass
		5690	1	0.183	<=2.50	0.170	7.65	-50 to 50	Pass

3.1.2 EIRP_NTNV

NTNV							
Mode	TX Type	Frequency (MHz)	ANT	Gain (dBi)	EIRP (mW/MHz)		Verdict
					Result	Limit	
802.11a	SISO	5500	1	0.90	3.11	<=25	Pass
		5600	1	0.90	1.60	<=25	Pass
		5720	1	0.90	2.02	<=25	Pass
802.11n (HT20)	SISO	5500	1	0.90	1.86	<=25	Pass
		5600	1	0.90	1.05	<=25	Pass
		5720	1	0.90	1.34	<=25	Pass
802.11n (HT40)	SISO	5510	1	0.90	0.94	<=12.5	Pass
		5590	1	0.90	0.65	<=12.5	Pass
		5710	1	0.90	0.72	<=12.5	Pass
802.11ac (VHT20)	SISO	5500	1	0.90	1.30	<=25	Pass
		5600	1	0.90	0.69	<=25	Pass
		5720	1	0.90	0.87	<=25	Pass
802.11ac (VHT40)	SISO	5510	1	0.90	0.74	<=6.25	Pass
		5590	1	0.90	0.43	<=6.25	Pass
		5710	1	0.90	0.47	<=12.5	Pass
802.11ac	SISO	5530	1	0.90	0.31	<=6.25	Pass

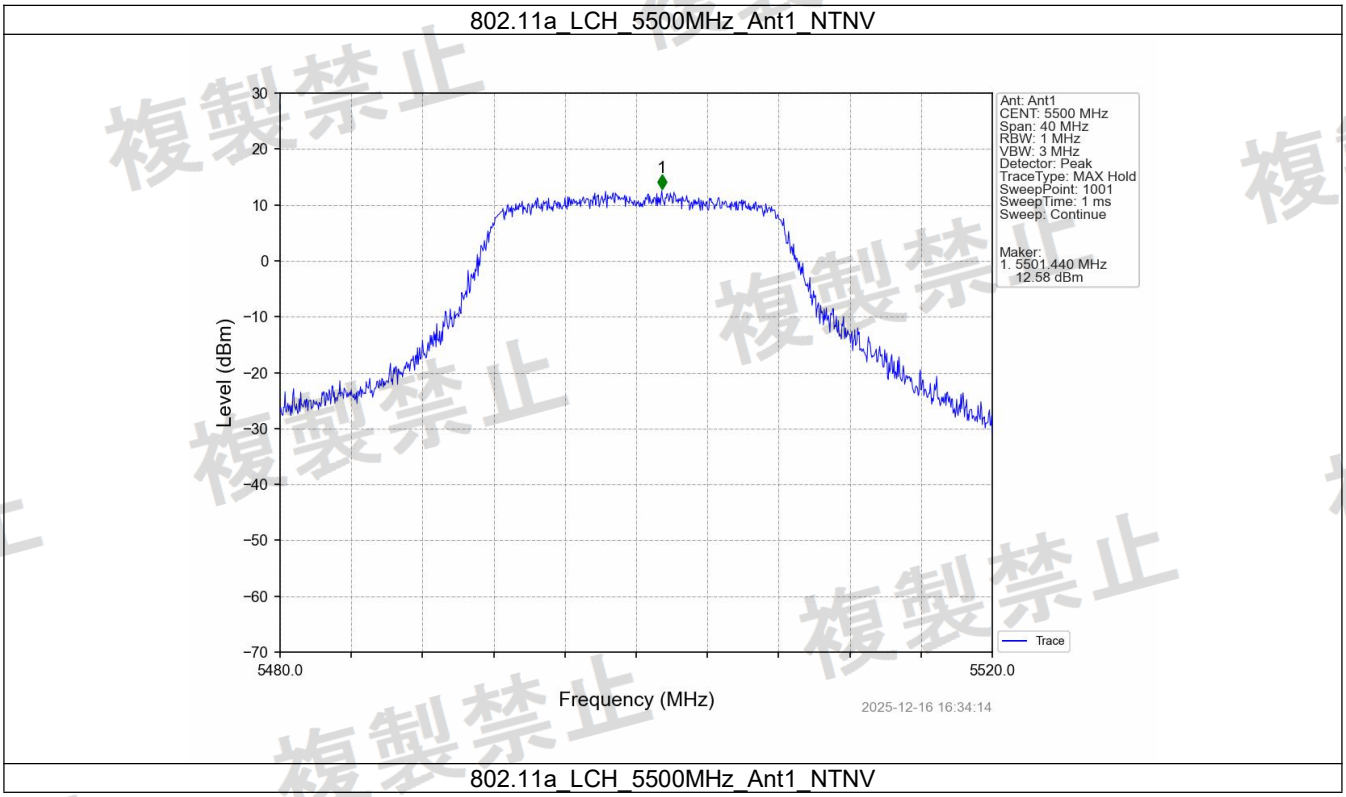
(VHT80)		5610	1	0.90	0.17	<=6.25	Pass
		5690	1	0.90	0.23	<=6.25	Pass

複製禁止

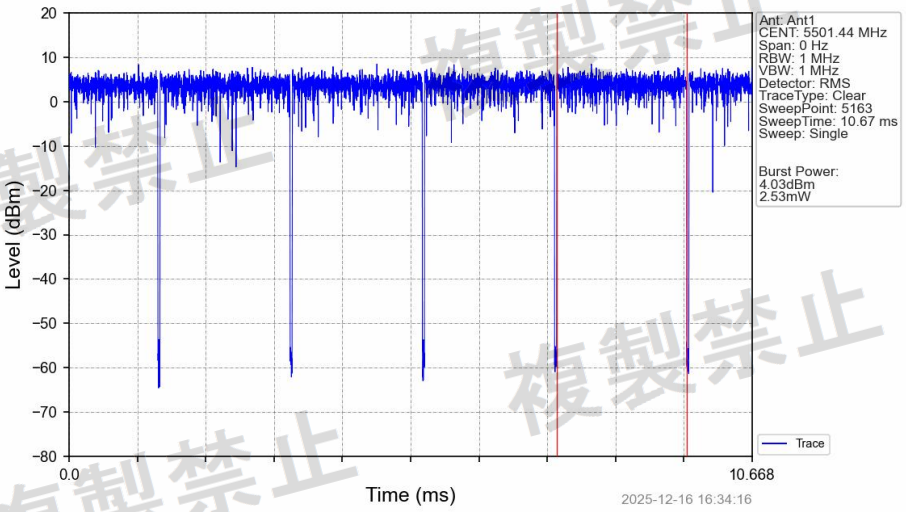
3.2 Test Graph

3.2.1 Power_NTNV

802.11a_LCH_5500MHz_Ant1_NTNV

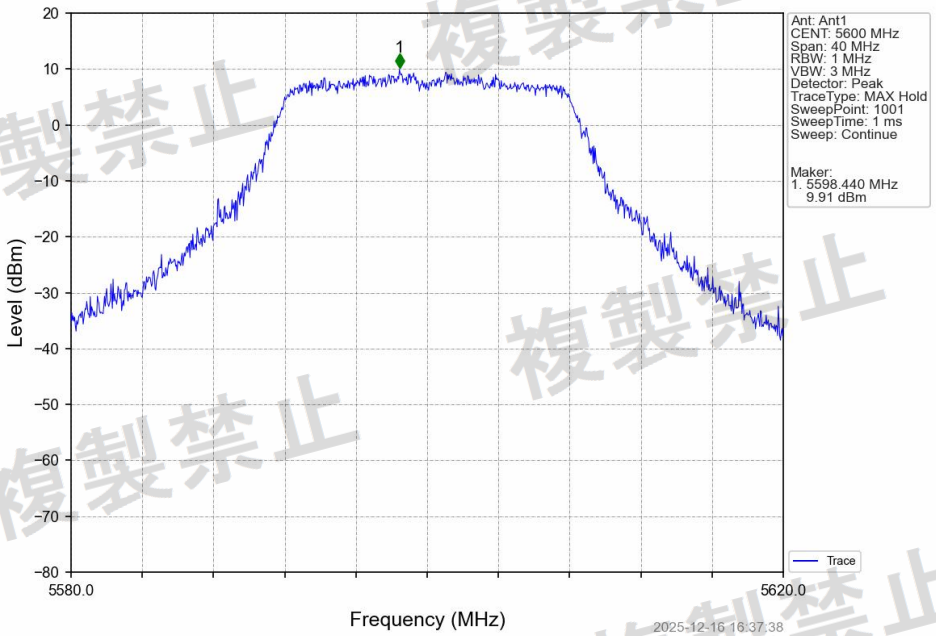


802.11a_LCH_5500MHz_Ant1_NTNV

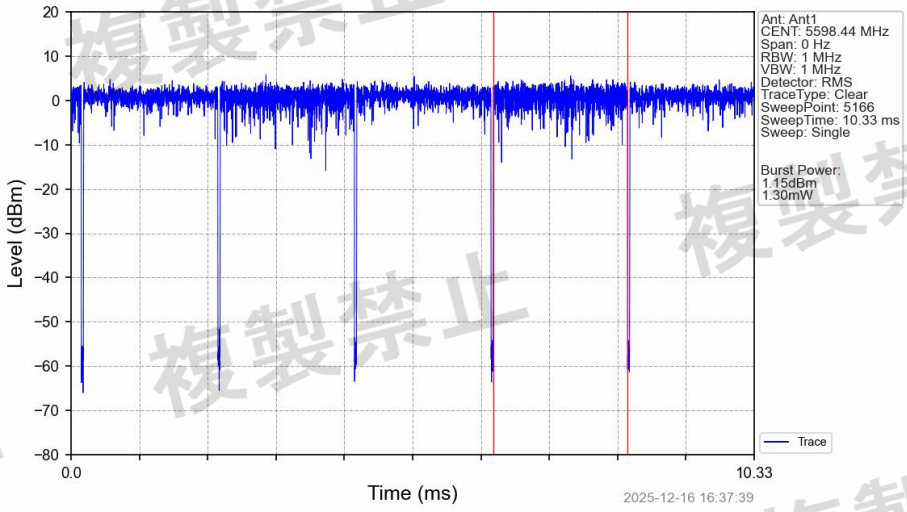


Burst No.	1	2	3	**4**
Length (ms)	2.032	2.032	2.029	**2.029**
Power(dBm)	3.96	3.89	3.98	**4.03**
Power(mW)	2.490	2.449	2.501	**2.529**
Remark	/	/	/	**Max**

802.11a_MCH_5600MHz_Ant1_NTNV

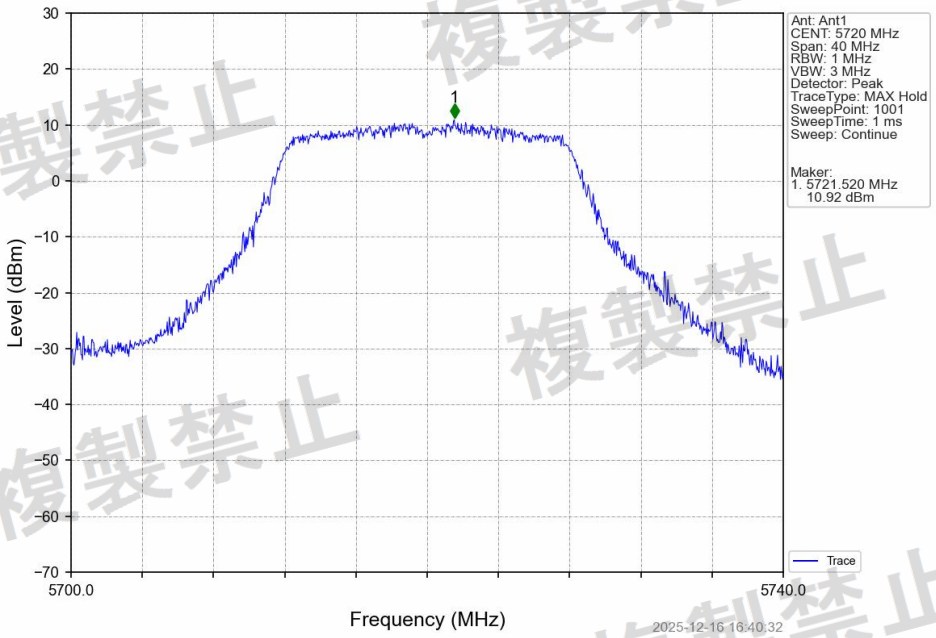


802.11a_MCH_5600MHz_Ant1_NTNV

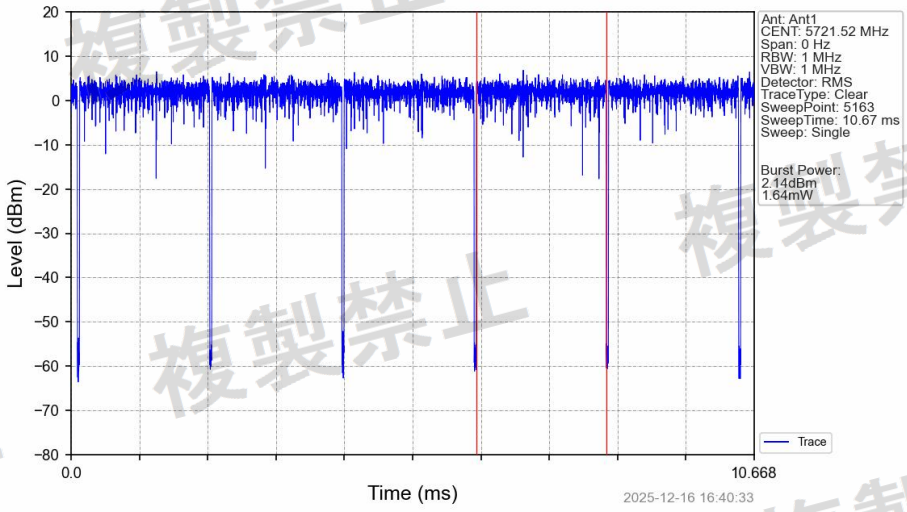


Burst No.	1	2	3	4
Length (ms)	2.032	2.030	2.032	**2.030**
Power(dBm)	0.91	0.92	1.06	**1.15**
Power(mW)	1.232	1.236	1.277	**1.304**
Remark	/	/	/	**Max**

802.11a_HCH_5720MHz_Ant1_NTNV

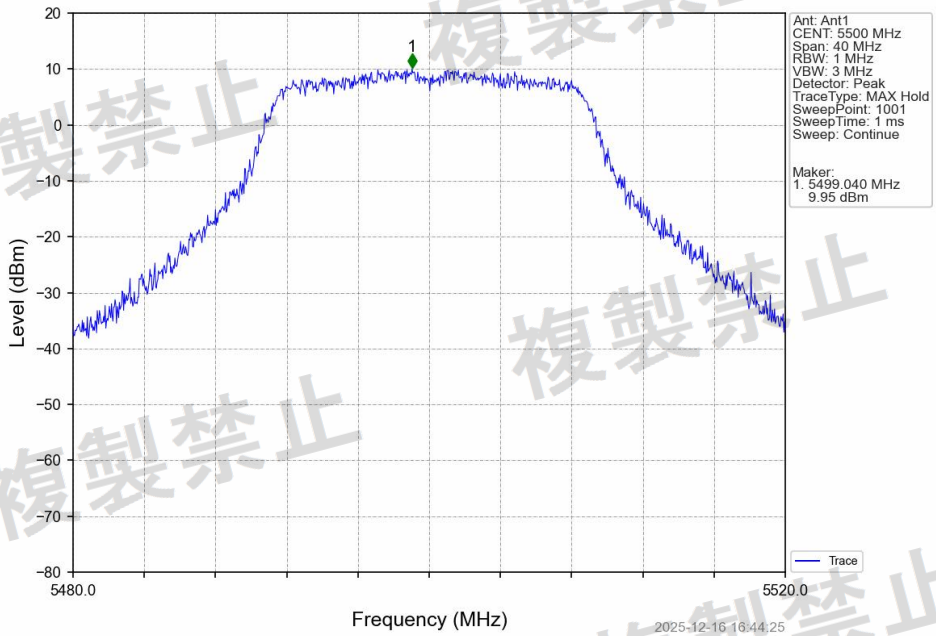


802.11a_HCH_5720MHz_Ant1_NTNV

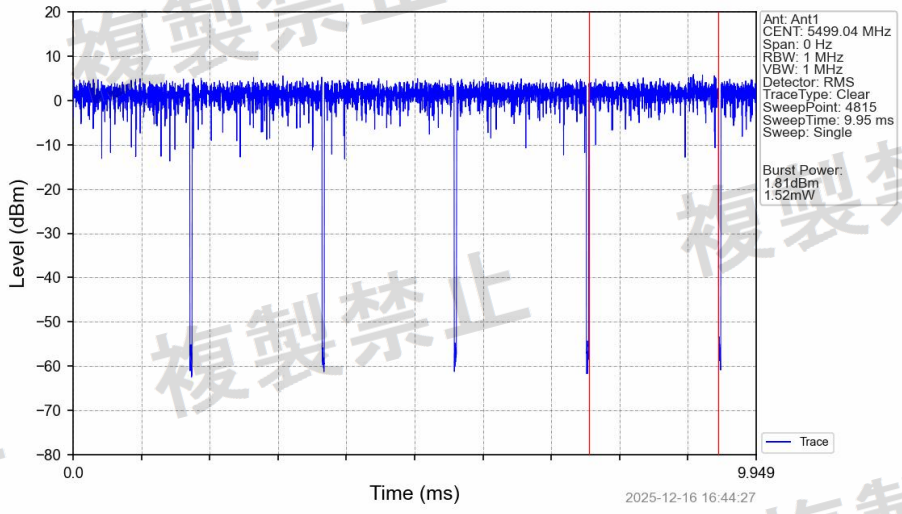


Burst No.	1	2	3	**4**	5
Length (ms)	2.032	2.029	2.029	**2.029**	2.032
Power(dBm)	2.10	2.12	2.01	**2.14**	2.12
Power(mW)	1.623	1.629	1.590	**1.638**	1.629
Remark	/	/	/	**Max**	/

802.11n(HT20)_LCH_5500MHz_Ant1_NTNV

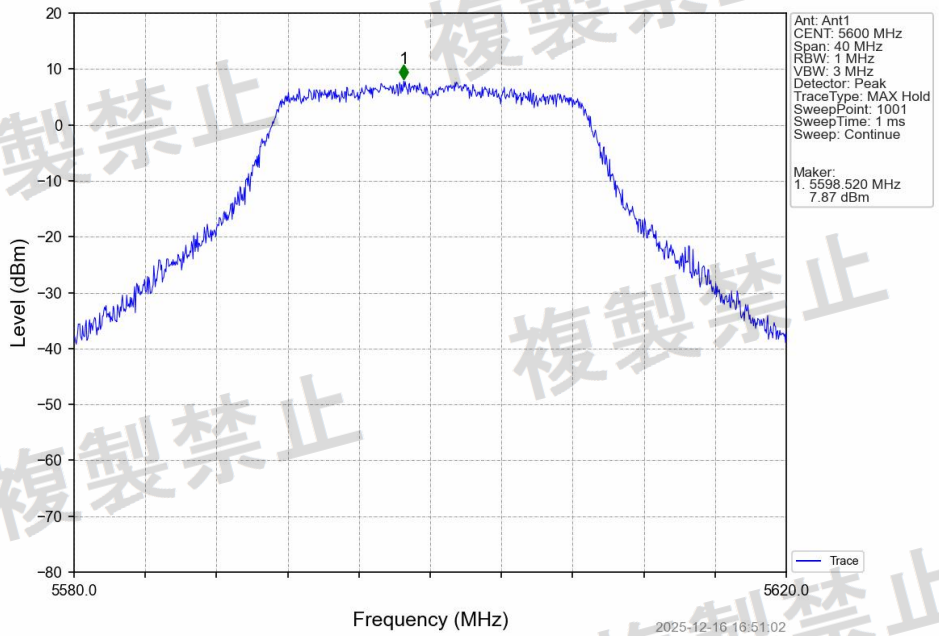


802.11n(HT20)_LCH_5500MHz_Ant1_NTNV

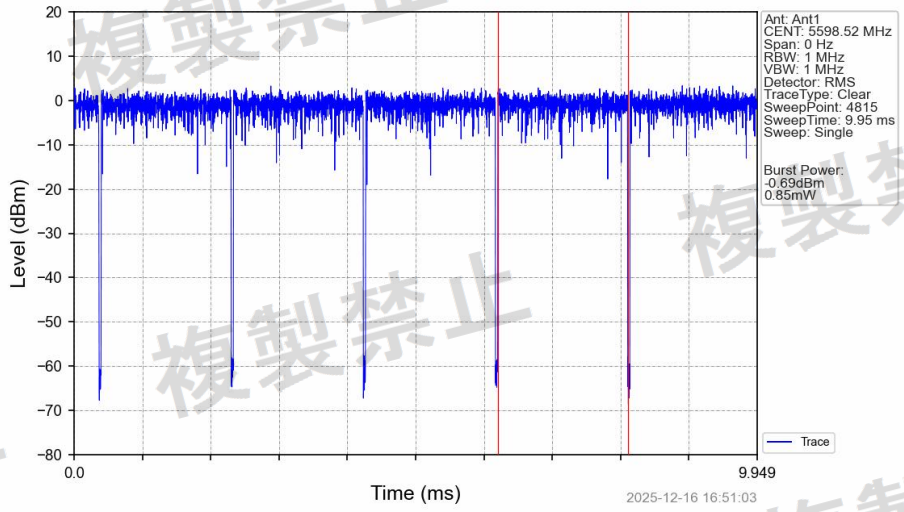


Burst No.	1	2	3	**4**
Length (ms)	1.891	1.889	1.891	**1.889**
Power(dBm)	1.59	1.58	1.71	**1.81**
Power(mW)	1.441	1.438	1.482	**1.516**
Remark	/	/	/	**Max**

802.11n(HT20)_MCH_5600MHz_Ant1_NTNV

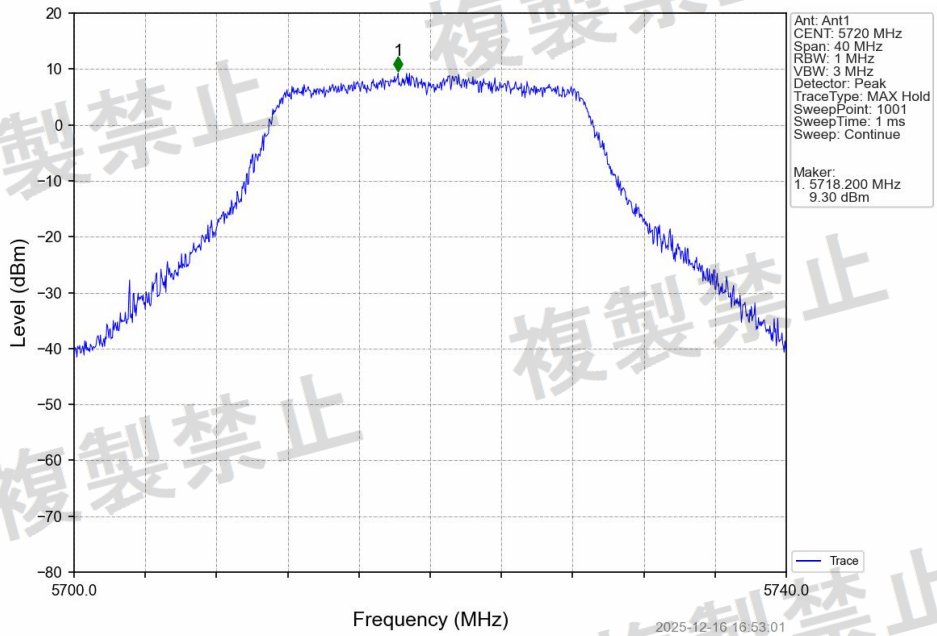


802.11n(HT20)_MCH_5600MHz_Ant1_NTNV

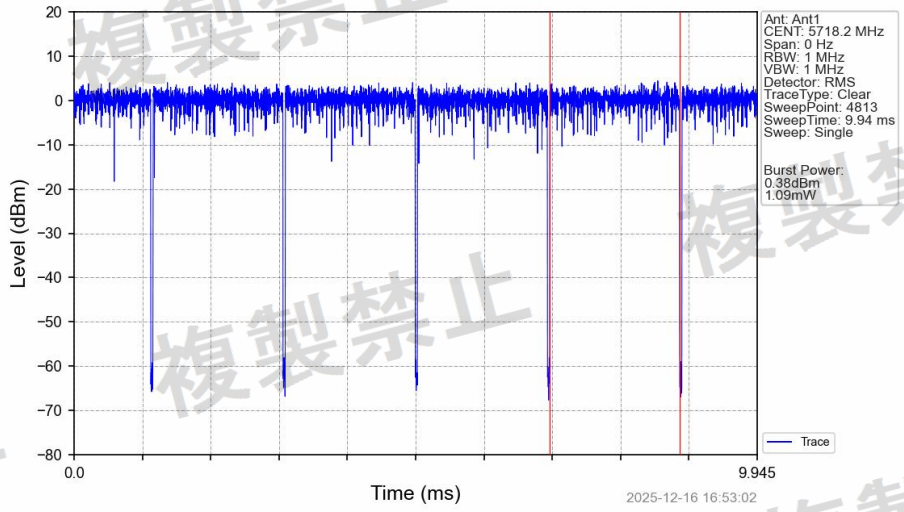


Burst No.	1	2	3	**4**
Length (ms)	1.891	1.891	1.891	**1.891**
Power(dBm)	-0.95	-0.87	-0.71	**-0.69**
Power(mW)	0.803	0.818	0.849	**0.853**
Remark	/	/	/	**Max**

802.11n(HT20)_HCH_5720MHz_Ant1_NTNV

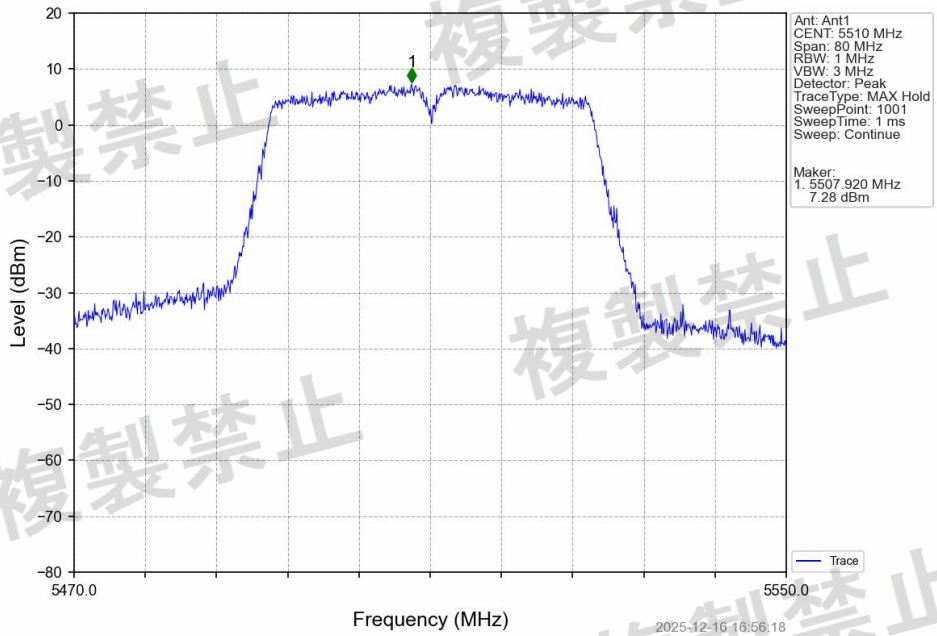


802.11n(HT20)_HCH_5720MHz_Ant1_NTNV

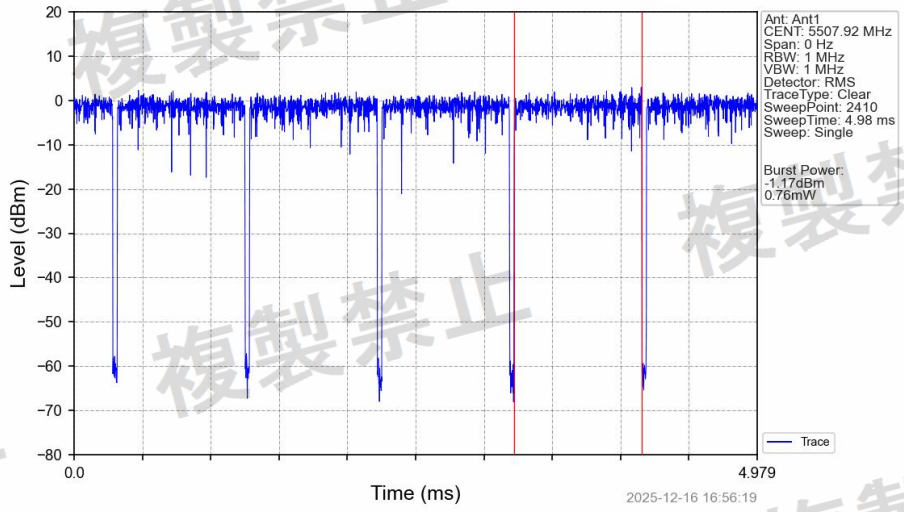


Burst No.	1	2	3	4
Length (ms)	1.891	1.891	1.891	**1.889**
Power(dBm)	0.35	0.29	0.16	**0.38**
Power(mW)	1.083	1.070	1.038	**1.091**
Remark	/	/	/	**Max**

802.11n(HT40)_LCH_5510MHz_Ant1_NTNV

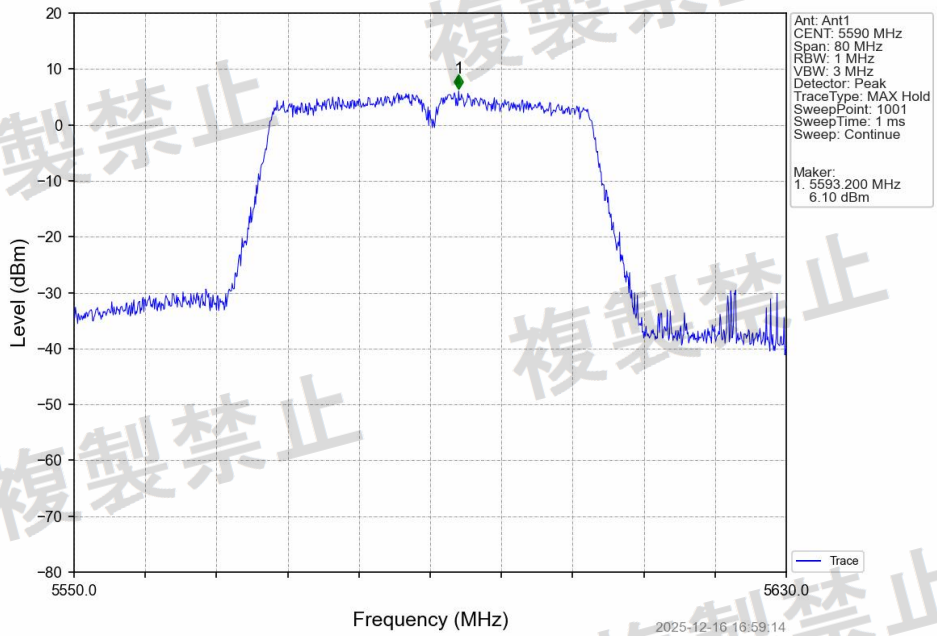


802.11n(HT40)_LCH_5510MHz_Ant1_NTNV

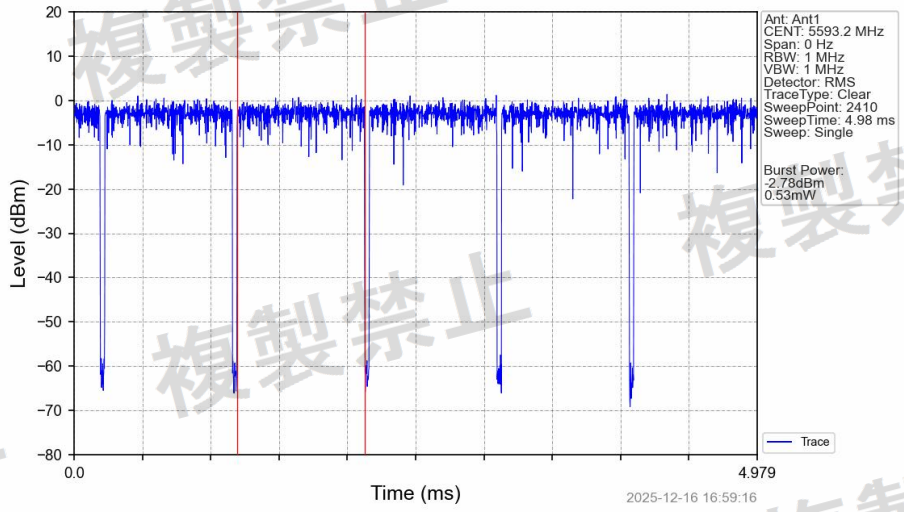


Burst No.	1	2	3	**4**
Length (ms)	0.930	0.930	0.930	**0.930**
Power(dBm)	-1.26	-1.29	-1.23	**-1.17**
Power(mW)	0.748	0.742	0.753	**0.763**
Remark	/	/	/	**Max**

802.11n(HT40)_MCH_5590MHz_Ant1_NTNV

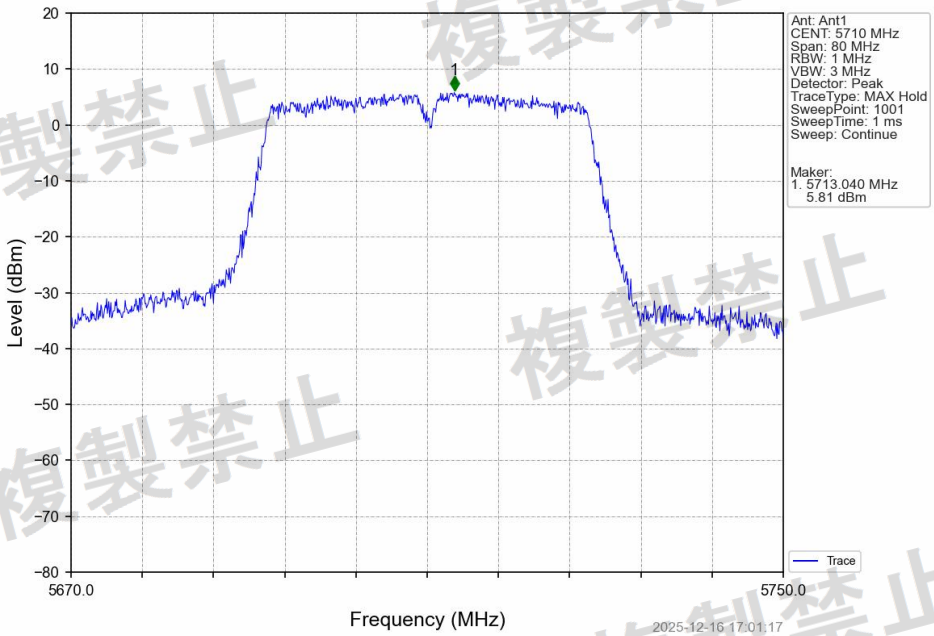


802.11n(HT40)_MCH_5590MHz_Ant1_NTNV

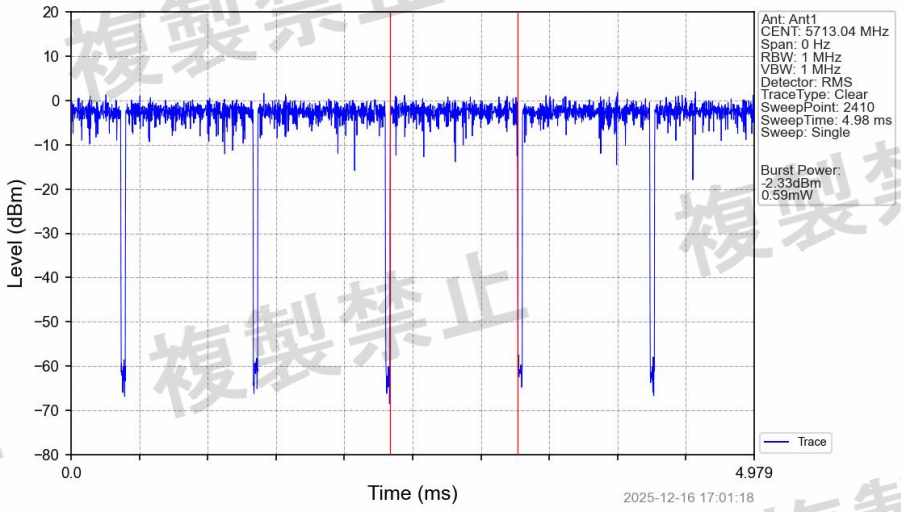


Burst No.	1	**2**	3	4
Length (ms)	0.928	**0.930**	0.930	0.930
Power(dBm)	-2.84	**-2.78**	-2.80	-2.84
Power(mW)	0.520	**0.527**	0.525	0.520
Remark	/	**Max**	/	/

802.11n(HT40)_HCH_5710MHz_Ant1_NTNV

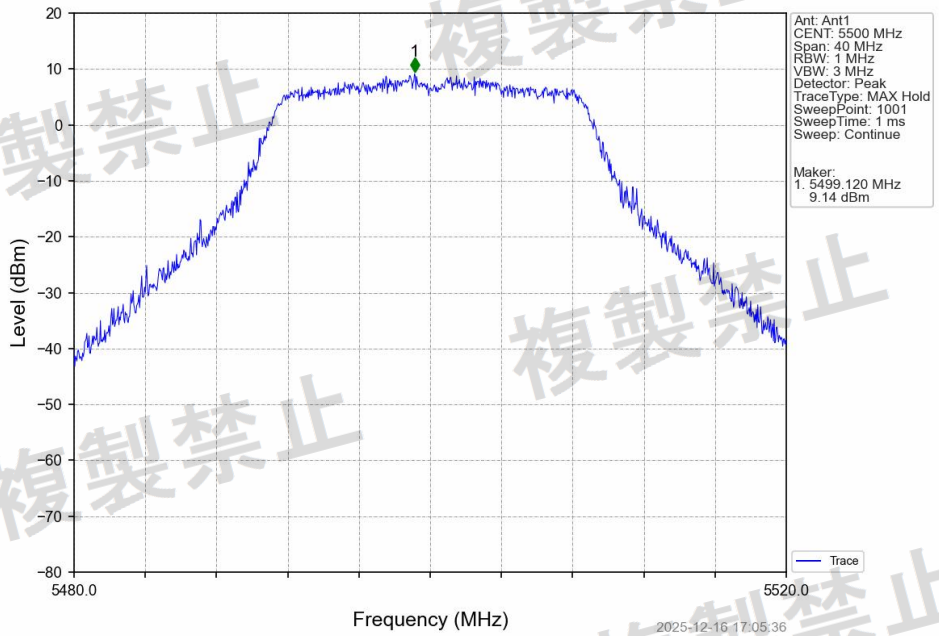


802.11n(HT40)_HCH_5710MHz_Ant1_NTNV

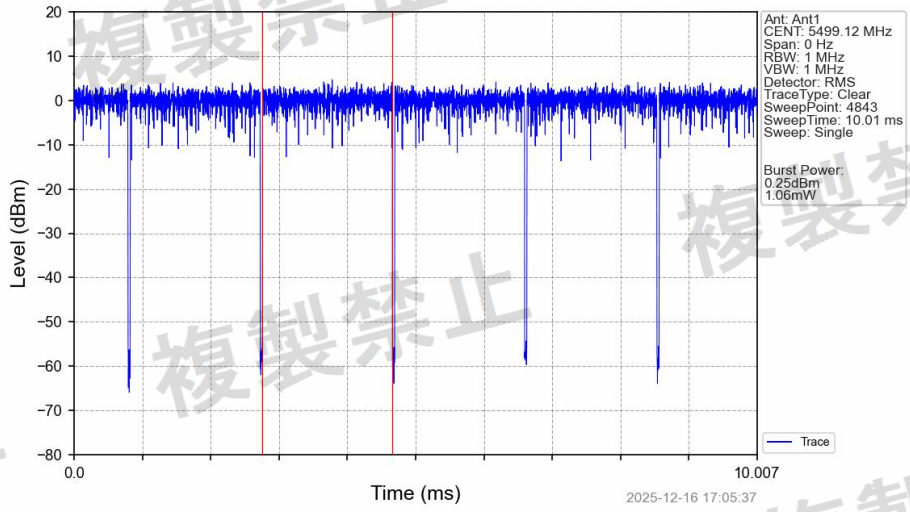


Burst No.	1	2	3	4
Length (ms)	0.930	0.930	**0.930**	0.928
Power(dBm)	-2.43	-2.43	**-2.33**	-2.39
Power(mW)	0.572	0.572	**0.585**	0.576
Remark	/	/	**Max**	/

802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV

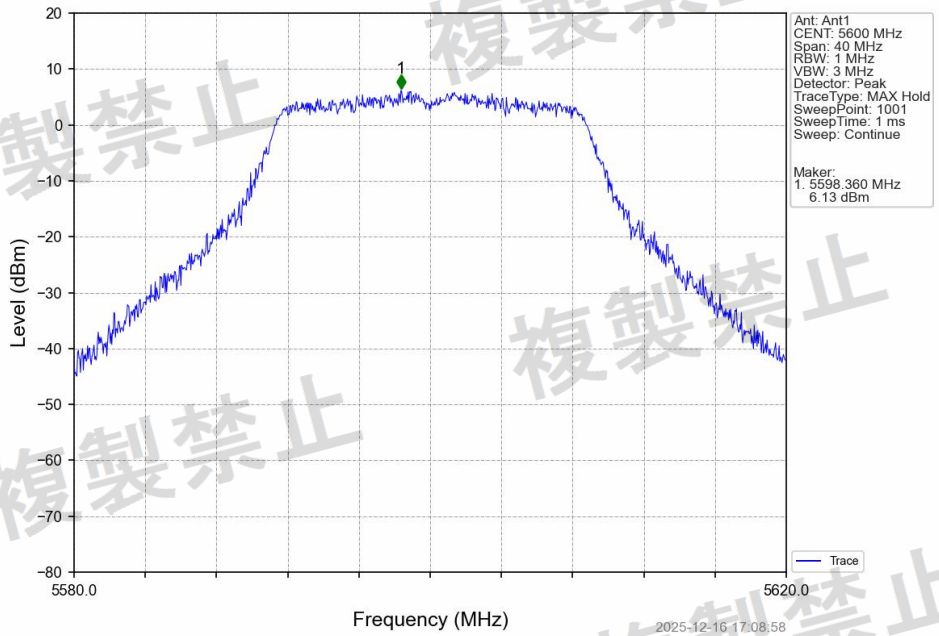


802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV

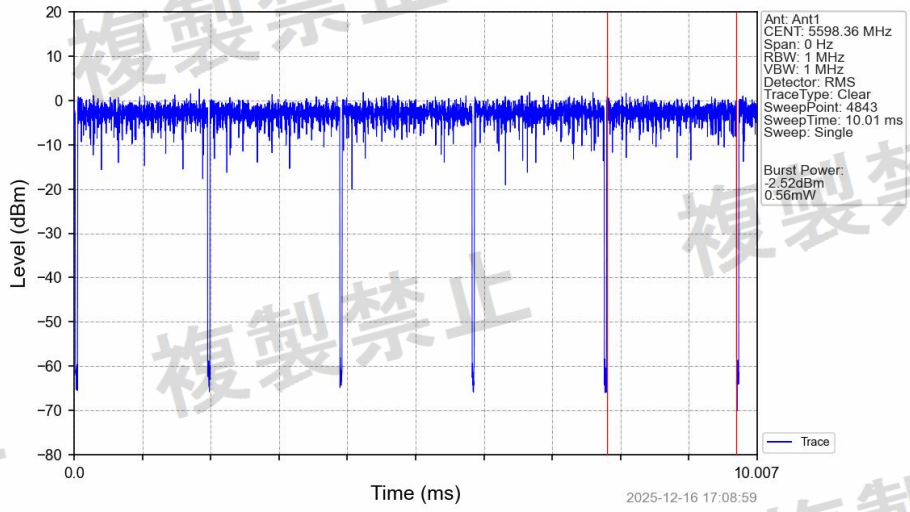


Burst No.	1	**2**	3	4
Length (ms)	1.903	**1.901**	1.901	1.903
Power(dBm)	0.04	**0.25**	0.17	0.22
Power(mW)	1.010	**1.059**	1.041	1.052
Remark	/	**Max**	/	/

802.11ac(VHT20)_MCH_5600MHz_Ant1_NTNV

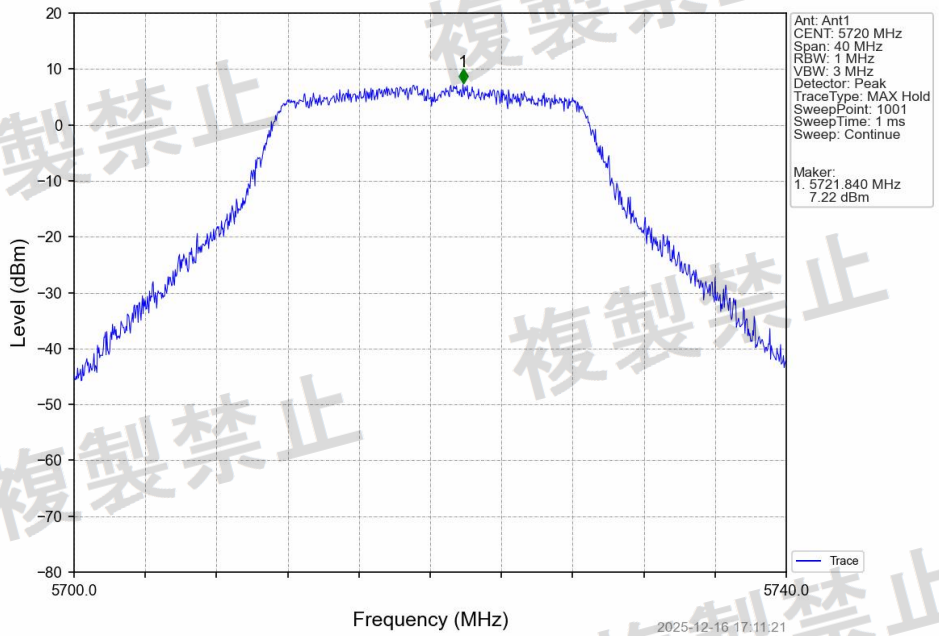


802.11ac(VHT20)_MCH_5600MHz_Ant1_NTNV

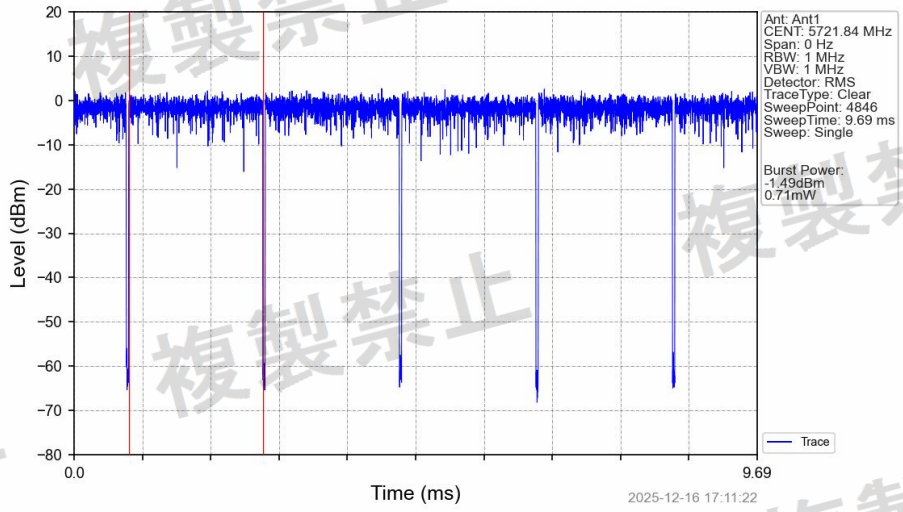


Burst No.	1	2	3	4	5
Length (ms)	1.901	1.903	1.903	1.903	**1.901**
Power(dBm)	-2.68	-2.72	-2.56	-2.54	**-2.52**
Power(mW)	0.539	0.535	0.554	0.557	**0.559**
Remark	/	/	/	/	**Max**

802.11ac(VHT20)_HCH_5720MHz_Ant1_NTNV

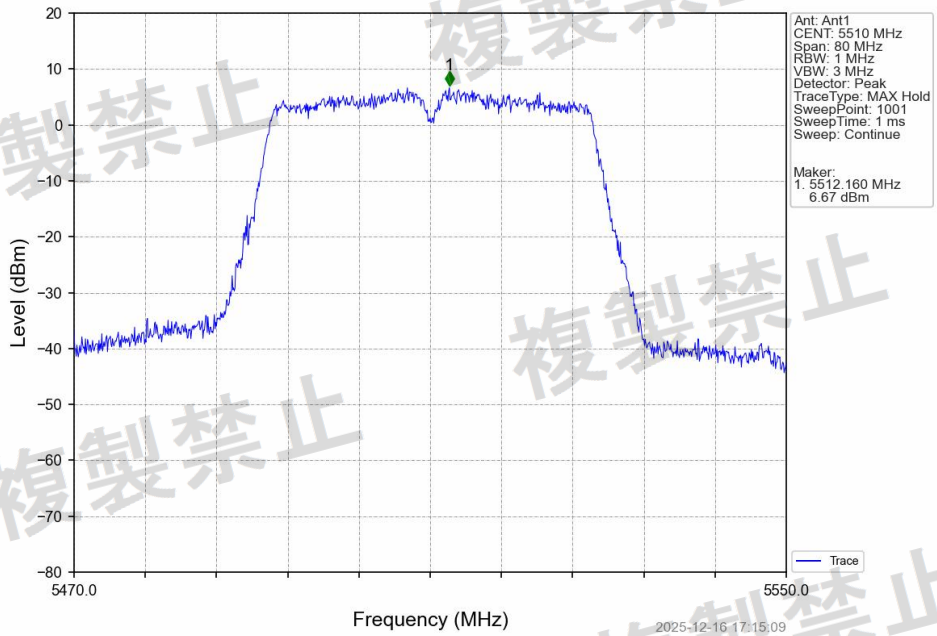


802.11ac(VHT20)_HCH_5720MHz_Ant1_NTNV

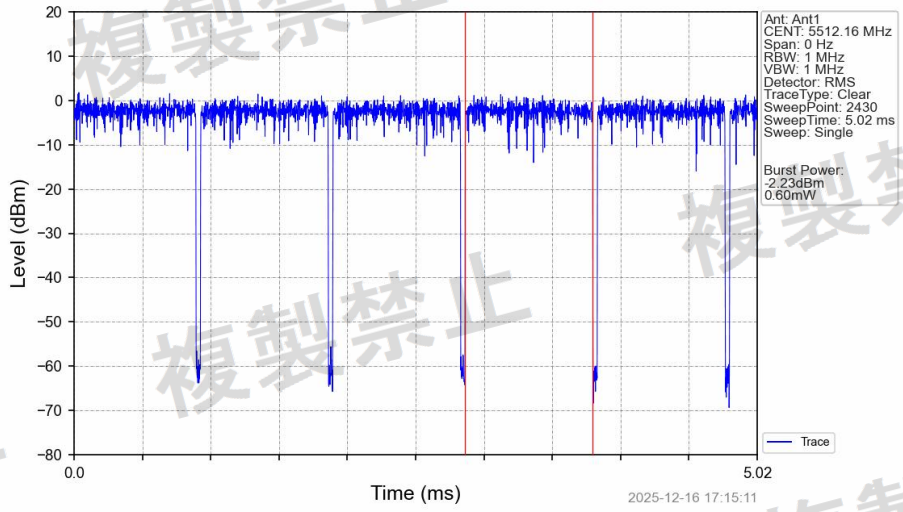


Burst No.	1	2	3	4
Length (ms)	**1.902**	1.904	1.902	1.904
Power(dBm)	**-1.49**	-1.52	-1.56	-1.55
Power(mW)	**0.710**	0.705	0.698	0.699
Remark	**Max**	/	/	/

802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV

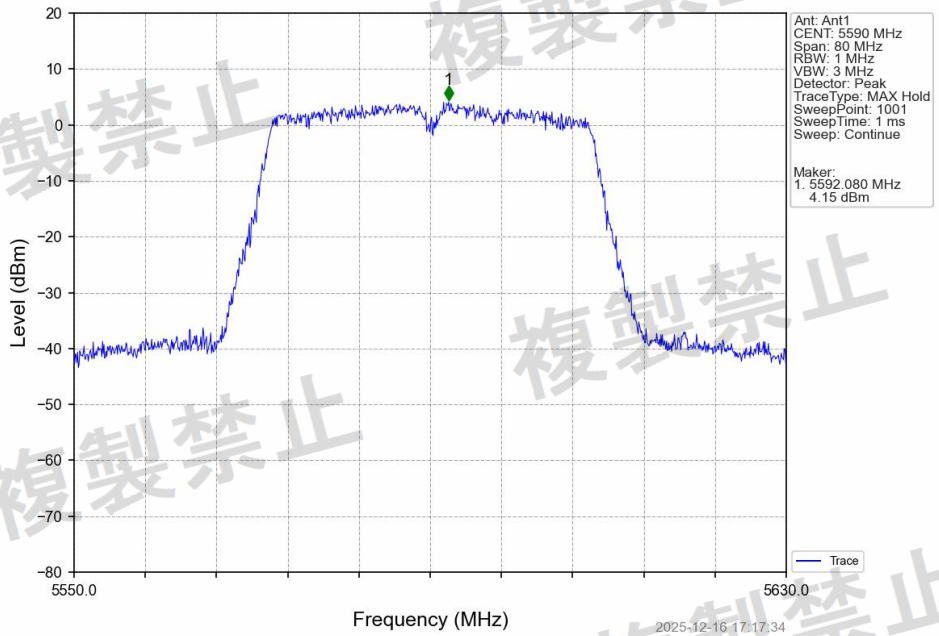


802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV

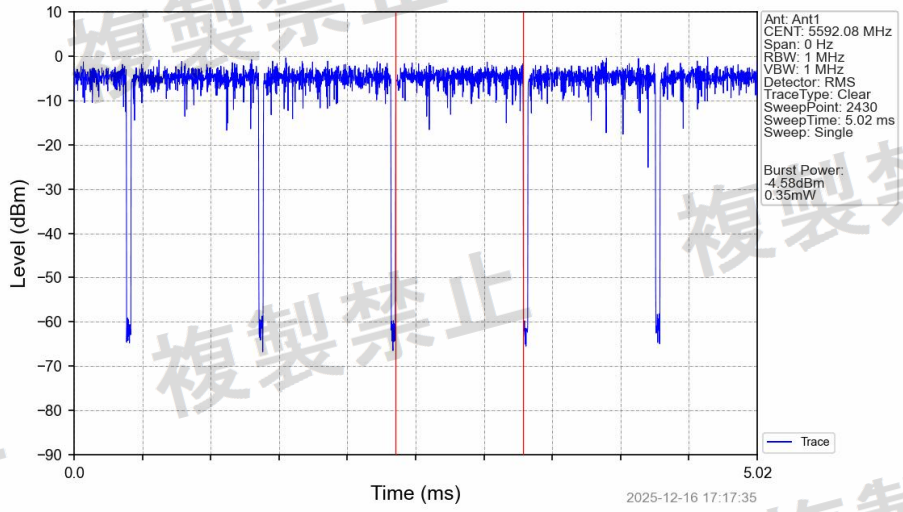


Burst No.	1	2	**3**	4
Length (ms)	0.938	0.938	**0.936**	0.938
Power(dBm)	-2.25	-2.30	**-2.23**	-2.26
Power(mW)	0.595	0.588	**0.598**	0.594
Remark	/	/	**Max**	/

802.11ac(VHT40)_MCH_5590MHz_Ant1_NTNV

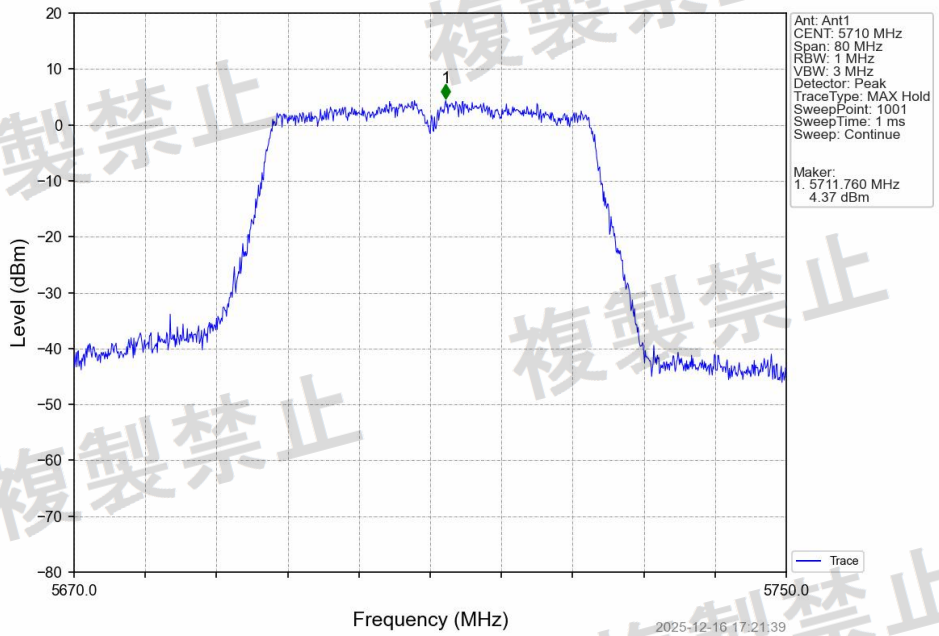


802.11ac(VHT40)_MCH_5590MHz_Ant1_NTNV

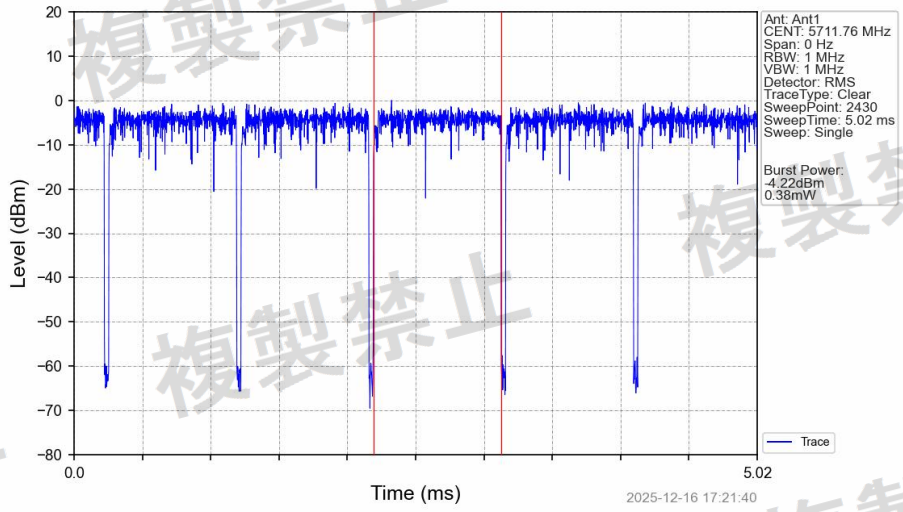


Burst No.	1	2	**3**	4
Length (ms)	0.936	0.938	**0.938**	0.936
Power(dBm)	-4.73	-4.67	**-4.58**	-4.63
Power(mW)	0.337	0.341	**0.348**	0.344
Remark	/	/	**Max**	/

802.11ac(VHT40)_HCH_5710MHz_Ant1_NTNV

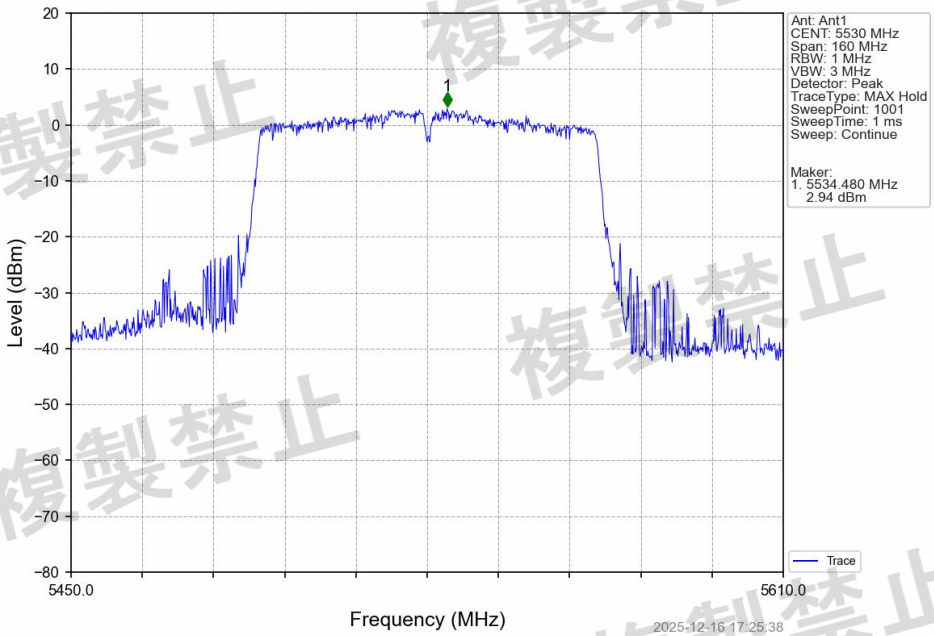


802.11ac(VHT40)_HCH_5710MHz_Ant1_NTNV

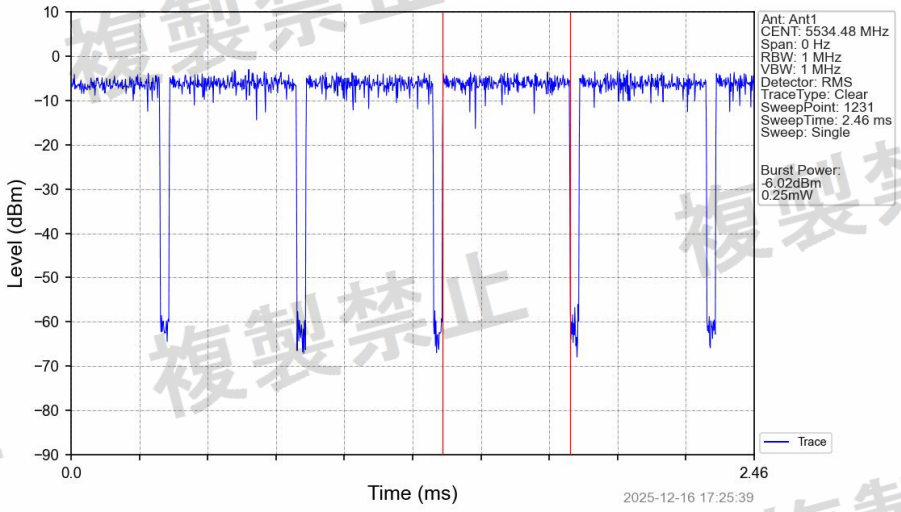


Burst No.	1	2	**3**	4
Length (ms)	0.938	0.938	**0.936**	0.938
Power(dBm)	-4.38	-4.25	**-4.22**	-4.32
Power(mW)	0.365	0.376	**0.379**	0.370
Remark	/	/	**Max**	/

802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV

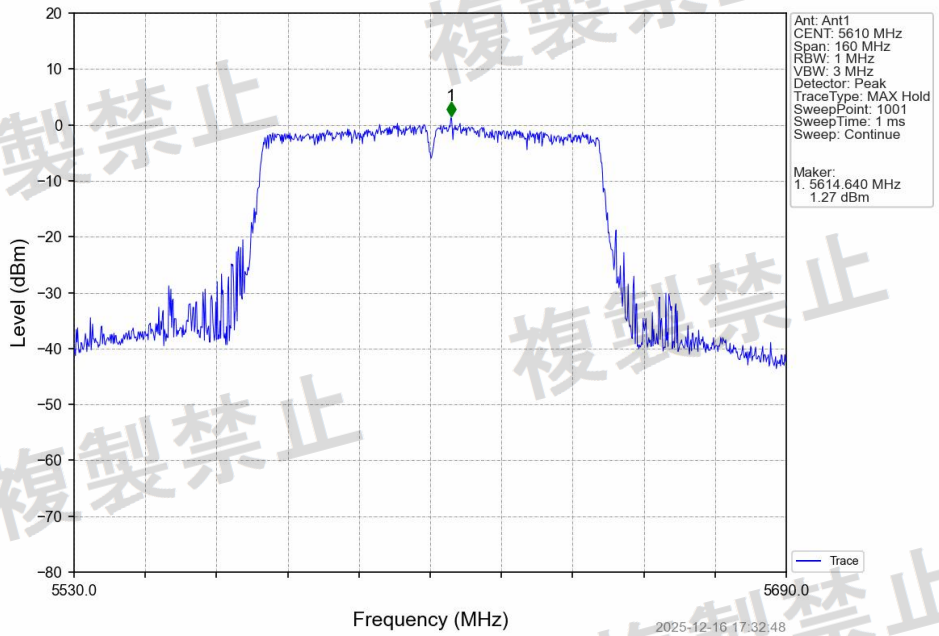


802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV

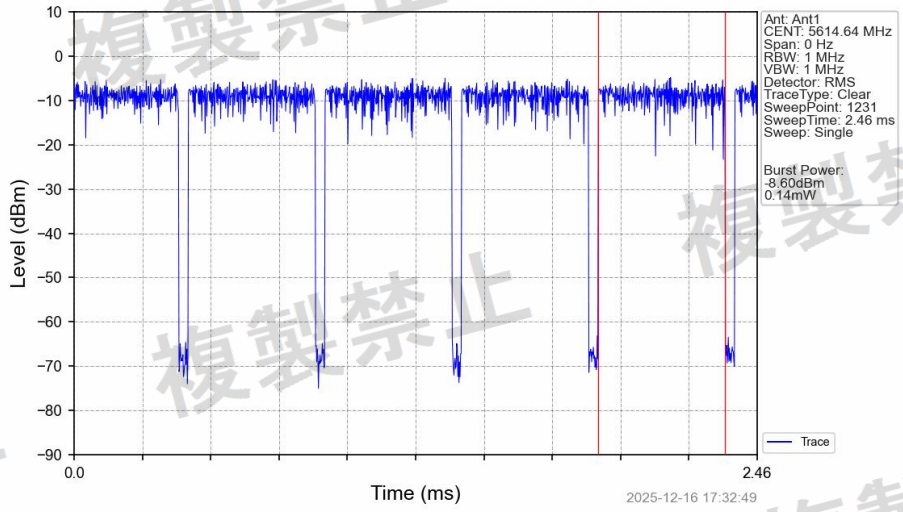


Burst No.	1	2	**3**	4
Length (ms)	0.458	0.458	**0.458**	0.458
Power(dBm)	-6.05	-6.16	**-6.02**	-6.09
Power(mW)	0.248	0.242	**0.250**	0.246
Remark	/	/	**Max**	/

802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV

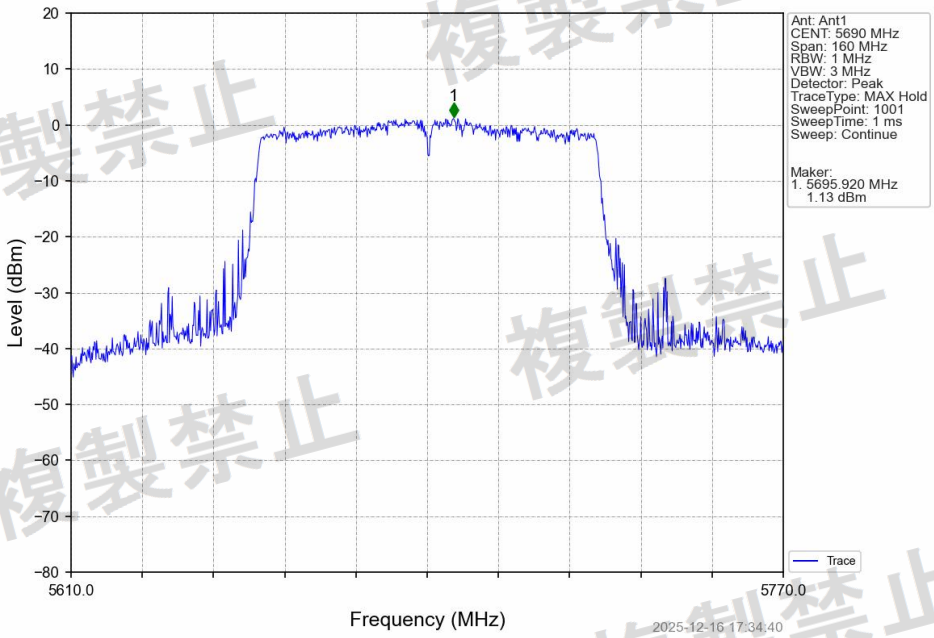


802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV

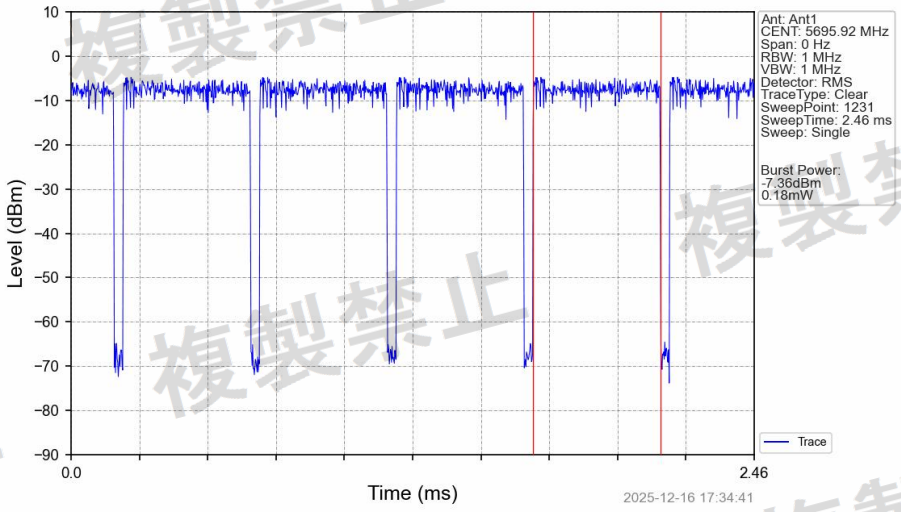


Burst No.	1	2	3	**4**
Length (ms)	0.456	0.456	0.456	**0.456**
Power(dBm)	-8.68	-8.69	-8.70	**-8.60**
Power(mW)	0.135	0.135	0.135	**0.138**
Remark	/	/	/	**Max**

802.11ac(VHT80)_HHCH_5690MHz_Ant1_NTNV



802.11ac(VHT80)_HHCH_5690MHz_Ant1_NTNV



Burst No.	1	2	3	4
Length (ms)	0.458	0.458	0.458	**0.458**
Power(dBm)	-7.41	-7.41	-7.44	**-7.36**
Power(mW)	0.182	0.182	0.181	**0.183**
Remark	/	/	/	**Max**

4. Adjacent Channel Leakage Power

4.1 Test Result

4.1.1 ACLR_NTNV_SISO

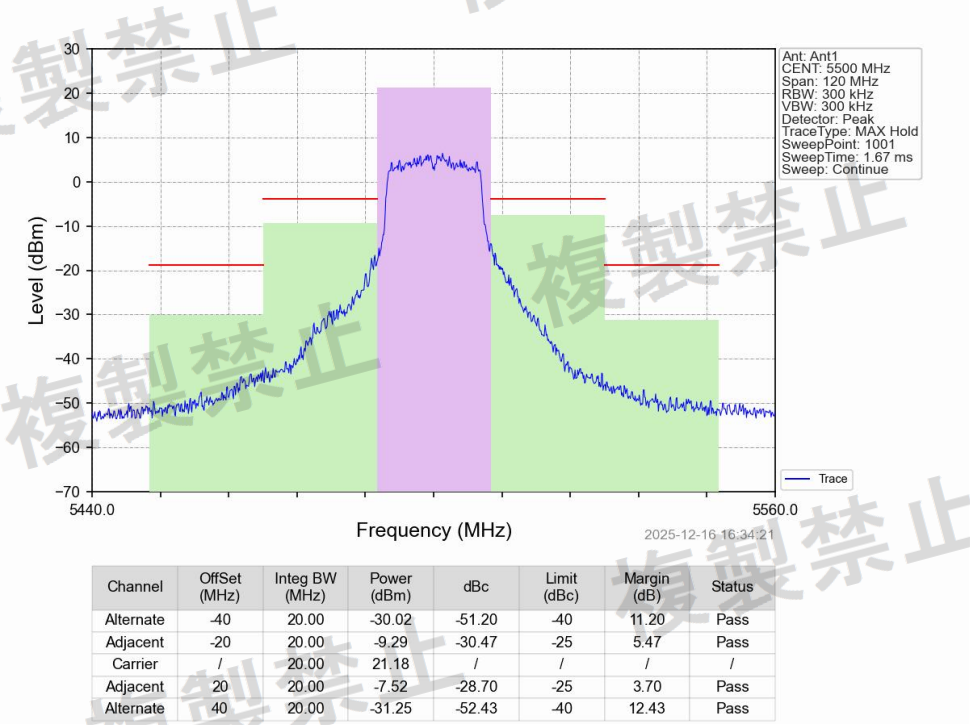
NTNV									
Mode	TX Type	Frequency (MHz)	ANT	Offset (MHz)	Integ BW (MHz)	Power (dBm)	Result (dBc)	Limit (dBc)	Verdict
802.11a	SISO	5500	1	-40	20	-30.02	-51.20	<=-40	Pass
				-20	20	-9.29	-30.47	<=-25	Pass
				0	20	21.18	/	/	/
				20	20	-7.52	-28.70	<=-25	Pass
				40	20	-31.25	-52.43	<=-40	Pass
		5600	1	-40	20	-32.03	-50.53	<=-40	Pass
				-20	20	-12.44	-30.94	<=-25	Pass
				0	20	18.50	/	/	/
				20	20	-12.20	-30.70	<=-25	Pass
				40	20	-33.00	-51.50	<=-40	Pass
		5720	1	-40	20	-31.27	-50.68	<=-40	Pass
				-20	20	-12.45	-31.86	<=-25	Pass
				0	20	19.41	/	/	/
				20	20	-10.09	-29.50	<=-25	Pass
				40	20	-32.88	-52.29	<=-40	Pass
802.11n (HT20)	SISO	5500	1	-40	20	-33.81	-53.08	<=-40	Pass
				-20	20	-10.79	-30.06	<=-25	Pass
				0	20	19.27	/	/	/
				20	20	-9.50	-28.77	<=-25	Pass
				40	20	-33.45	-52.72	<=-40	Pass
		5600	1	-40	20	-35.86	-52.94	<=-40	Pass
				-20	20	-12.09	-29.17	<=-25	Pass
				0	20	17.08	/	/	/
				20	20	-12.07	-29.15	<=-25	Pass
				40	20	-36.56	-53.64	<=-40	Pass
		5720	1	-40	20	-35.98	-54.04	<=-40	Pass
				-20	20	-12.56	-30.62	<=-25	Pass
				0	20	18.06	/	/	/
				20	20	-11.30	-29.36	<=-25	Pass
				40	20	-36.64	-54.70	<=-40	Pass
802.11n (HT40)	SISO	5510	1	-80	40	-34.09	-53.59	<=-40	Pass
				-40	40	-16.40	-35.90	<=-25	Pass
				0	40	19.50	/	/	/
				40	40	-17.21	-36.71	<=-25	Pass
				80	40	-34.18	-53.68	<=-40	Pass
		5590	1	-80	40	-31.72	-49.80	<=-40	Pass
				-40	40	-16.39	-34.47	<=-25	Pass
				0	40	18.08	/	/	/
				40	40	-18.40	-36.48	<=-25	Pass
				80	40	-33.22	-51.30	<=-40	Pass
		5710	1	-80	40	-33.19	-51.42	<=-40	Pass

				-40	40	-16.27	-34.50	<=-25	Pass
				0	40	18.23	/	/	/
				40	40	-17.42	-35.65	<=-25	Pass
				80	40	-34.11	-52.34	<=-40	Pass
802.11ac (VHT20)	SISO	5500	1	-40	20	-34.33	-52.19	<=-40	Pass
				-20	20	-12.15	-30.01	<=-25	Pass
				0	20	17.86	/	/	/
				20	20	-10.36	-28.22	<=-25	Pass
				40	20	-33.82	-51.68	<=-40	Pass
		5600	1	-40	20	-36.67	-51.73	<=-40	Pass
				-20	20	-13.81	-28.87	<=-25	Pass
				0	20	15.06	/	/	/
				20	20	-14.50	-29.56	<=-25	Pass
				40	20	-37.46	-52.52	<=-40	Pass
		5720	1	-40	20	-36.37	-52.79	<=-40	Pass
				-20	20	-13.78	-30.20	<=-25	Pass
				0	20	16.42	/	/	/
				20	20	-13.18	-29.60	<=-25	Pass
				40	20	-36.70	-53.12	<=-40	Pass
802.11ac (VHT40)	SISO	5510	1	-80	40	-34.80	-53.17	<=-40	Pass
				-40	40	-18.89	-37.26	<=-25	Pass
				0	40	18.37	/	/	/
				40	40	-18.89	-37.26	<=-25	Pass
				80	40	-34.23	-52.60	<=-40	Pass
		5590	1	-80	40	-34.04	-50.20	<=-40	Pass
				-40	40	-20.22	-36.38	<=-25	Pass
				0	40	16.16	/	/	/
				40	40	-21.26	-37.42	<=-25	Pass
				80	40	-35.07	-51.23	<=-40	Pass
		5710	1	-80	40	-34.98	-51.45	<=-40	Pass
				-40	40	-20.29	-36.76	<=-25	Pass
				0	40	16.47	/	/	/
				40	40	-20.72	-37.19	<=-25	Pass
				80	40	-35.32	-51.79	<=-40	Pass
802.11ac (VHT80)	SISO	5530	1	-80	80	-16.92	-34.75	<=-25	Pass
				0	80	17.83	/	/	/
				80	80	-18.05	-35.88	<=-25	Pass
		5610	1	-80	80	-18.26	-33.79	<=-25	Pass
				0	80	15.53	/	/	/
				80	80	-20.55	-36.08	<=-25	Pass
		5690	1	-80	80	-18.71	-35.06	<=-25	Pass
				0	80	16.35	/	/	/
				80	80	-19.04	-35.39	<=-25	Pass

4.2 Test Graph

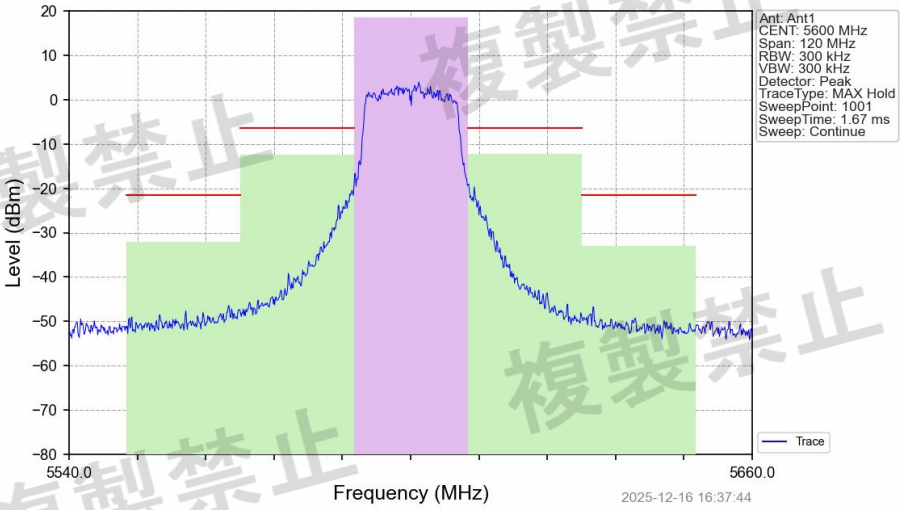
4.2.1 ACLR_NTNV_SISO

802.11a_LCH_5500MHz_Ant1_NTNV



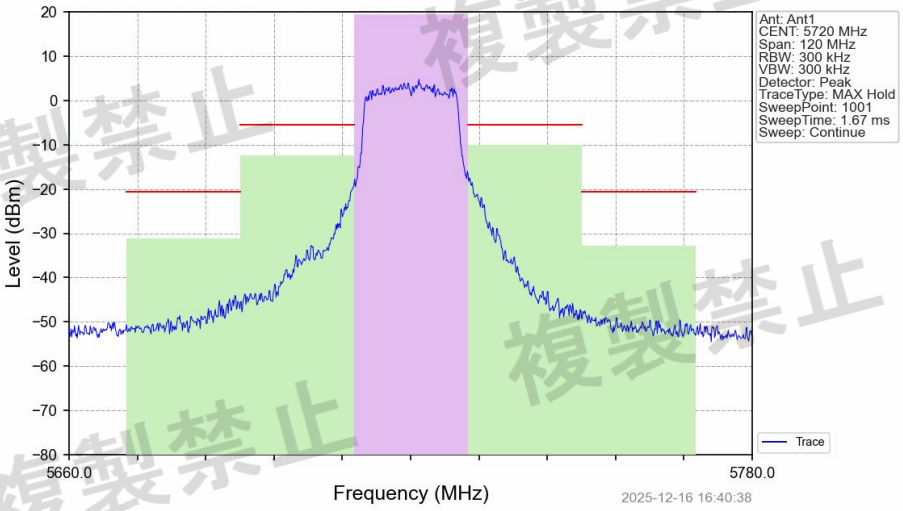
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Alternate	-40	20.00	-30.02	-51.20	-40	11.20	Pass
Adjacent	-20	20.00	-9.29	-30.47	-25	5.47	Pass
Carrier	/	20.00	21.18	/	/	/	/
Adjacent	20	20.00	-7.52	-28.70	-25	3.70	Pass
Alternate	40	20.00	-31.25	-52.43	-40	12.43	Pass

802.11a_MCH_5600MHz_Ant1_NTNV



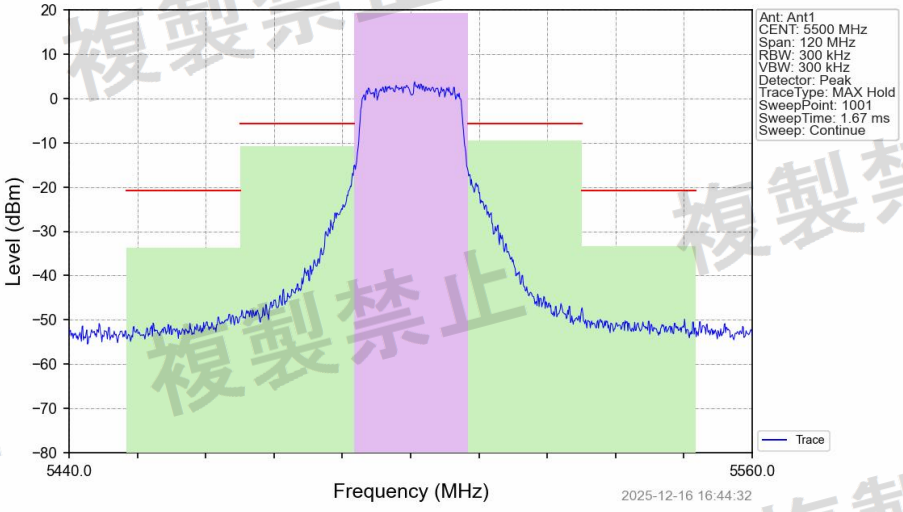
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Alternate	-40	20.00	-32.03	-50.53	-40	10.53	Pass
Adjacent	-20	20.00	-12.44	-30.94	-25	5.94	Pass
Carrier	/	20.00	18.50	/	/	/	/
Adjacent	20	20.00	-12.20	-30.70	-25	5.70	Pass
Alternate	40	20.00	-33.00	-51.50	-40	11.50	Pass

802.11a_HCH_5720MHz_Ant1_NTNV



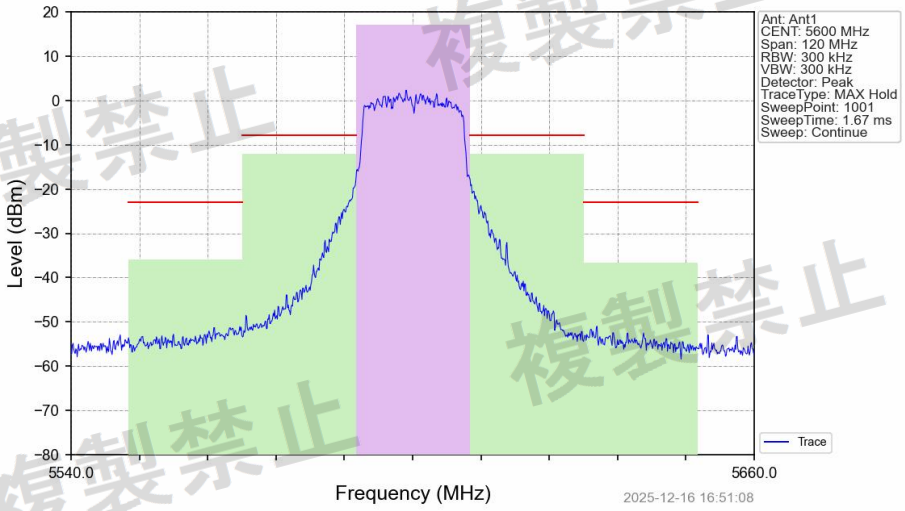
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Alternate	-40	20.00	-31.27	-50.68	-40	10.68	Pass
Adjacent	-20	20.00	-12.45	-31.86	-25	6.86	Pass
Carrier	/	20.00	19.41	/	/	/	/
Adjacent	20	20.00	-10.09	-29.50	-25	4.50	Pass
Alternate	40	20.00	-32.88	-52.29	-40	12.29	Pass

802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



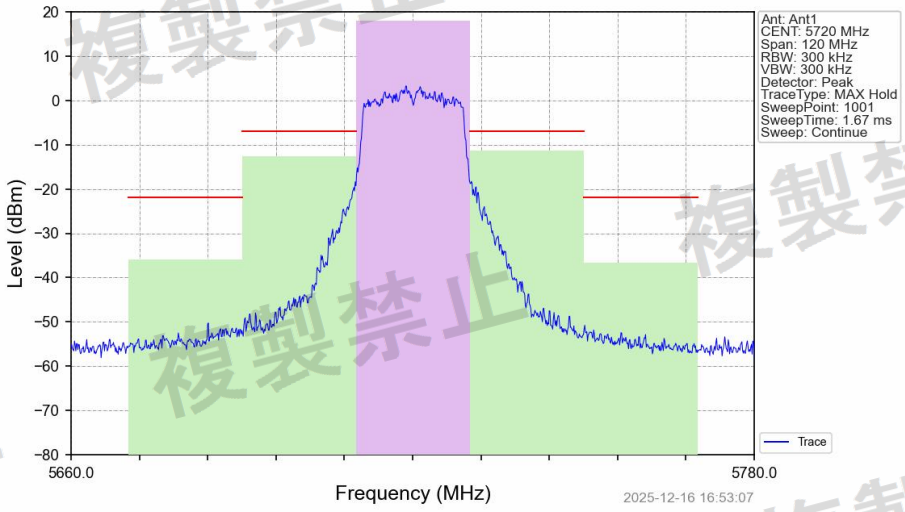
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Alternate	-40	20.00	-33.81	-53.08	-40	13.08	Pass
Adjacent	-20	20.00	-10.79	-30.06	-25	5.06	Pass
Carrier	/	20.00	19.27	/	/	/	/
Adjacent	20	20.00	-9.50	-28.77	-25	3.77	Pass
Alternate	40	20.00	-33.45	-52.72	-40	12.72	Pass

802.11n(HT20)_MCH_5600MHz_Ant1_NTNV



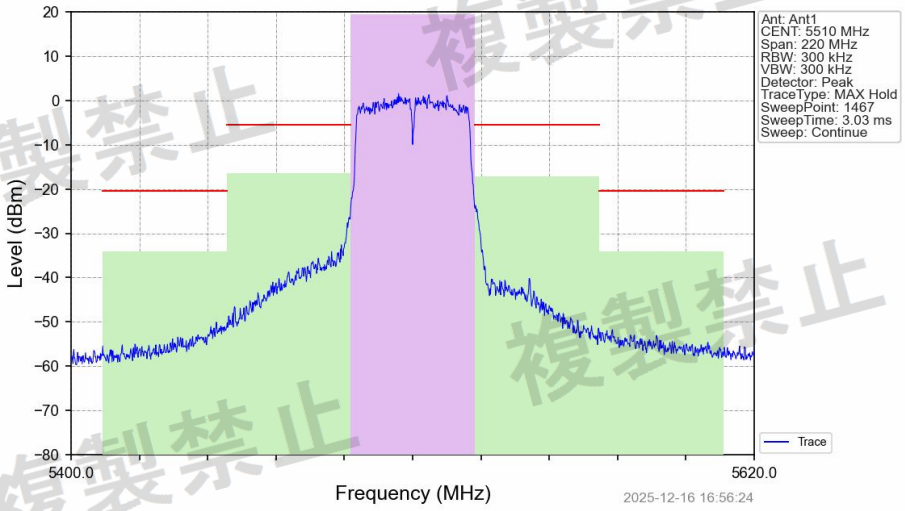
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Alternate	-40	20.00	-35.86	-52.94	-40	12.94	Pass
Adjacent	-20	20.00	-12.09	-29.17	-25	4.17	Pass
Carrier	/	20.00	17.08	/	/	/	/
Adjacent	20	20.00	-12.07	-29.15	-25	4.15	Pass
Alternate	40	20.00	-36.56	-53.64	-40	13.64	Pass

802.11n(HT20)_HCH_5720MHz_Ant1_NTNV



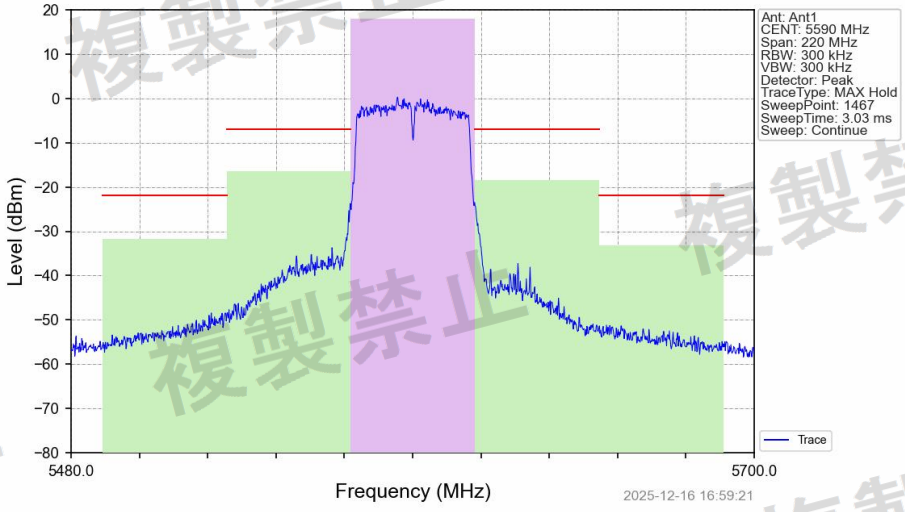
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Alternate	-40	20.00	-35.98	-54.04	-40	14.04	Pass
Adjacent	-20	20.00	-12.56	-30.62	-25	5.62	Pass
Carrier	/	20.00	18.06	/	/	/	/
Adjacent	20	20.00	-11.30	-29.36	-25	4.36	Pass
Alternate	40	20.00	-36.64	-54.70	-40	14.70	Pass

802.11n(HT40)_LCH_5510MHz_Ant1_NTNV



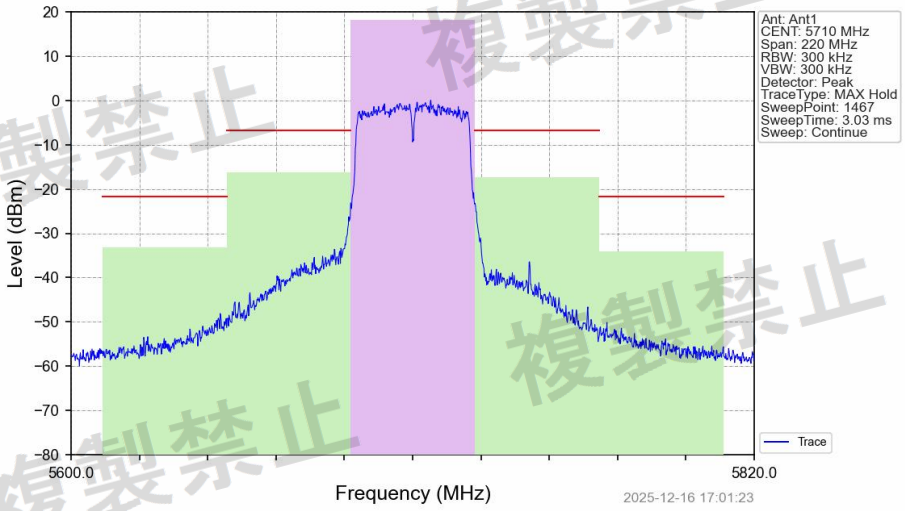
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Alternate	-80	40.00	-34.09	-53.59	-40	13.59	Pass
Adjacent	-40	40.00	-16.40	-35.90	-25	10.90	Pass
Carrier	/	40.00	19.50	/	/	/	/
Adjacent	40	40.00	-17.21	-36.71	-25	11.71	Pass
Alternate	80	40.00	-34.18	-53.68	-40	13.68	Pass

802.11n(HT40)_MCH_5590MHz_Ant1_NTNV



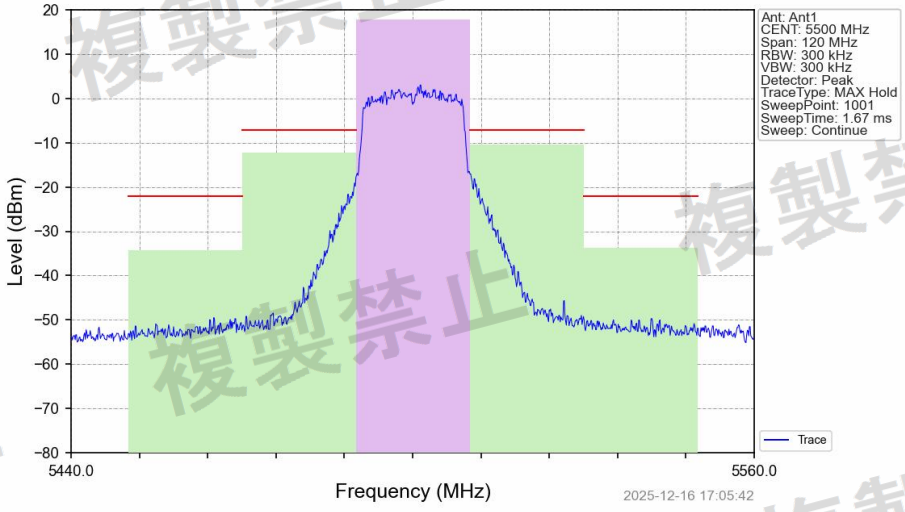
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Alternate	-80	40.00	-31.72	-49.80	-40	9.80	Pass
Adjacent	-40	40.00	-16.39	-34.47	-25	9.47	Pass
Carrier	/	40.00	18.08	/	/	/	/
Adjacent	40	40.00	-18.40	-36.48	-25	11.48	Pass
Alternate	80	40.00	-33.22	-51.30	-40	11.30	Pass

802.11n(HT40)_HCH_5710MHz_Ant1_NTNV



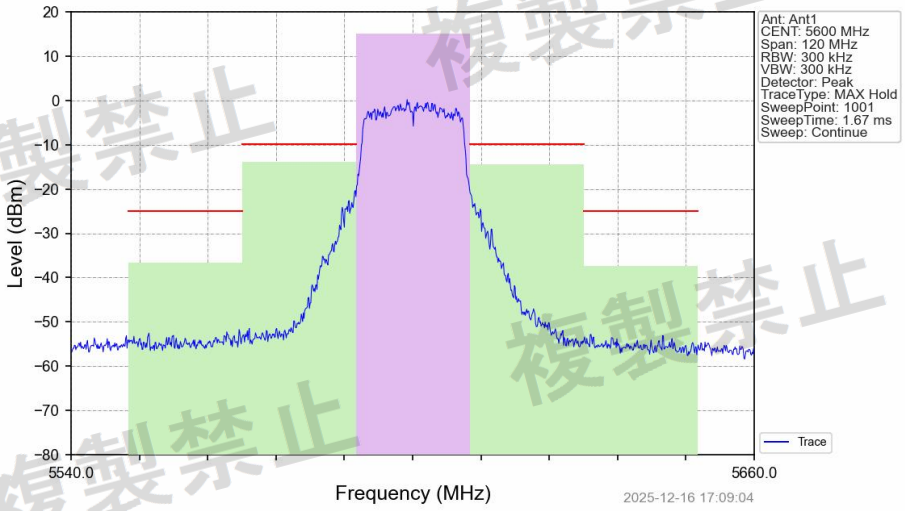
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Alternate	-80	40.00	-33.19	-51.42	-40	11.42	Pass
Adjacent	-40	40.00	-16.27	-34.50	-25	9.50	Pass
Carrier	/	40.00	18.23	/	/	/	/
Adjacent	40	40.00	-17.42	-35.65	-25	10.65	Pass
Alternate	80	40.00	-34.11	-52.34	-40	12.34	Pass

802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV



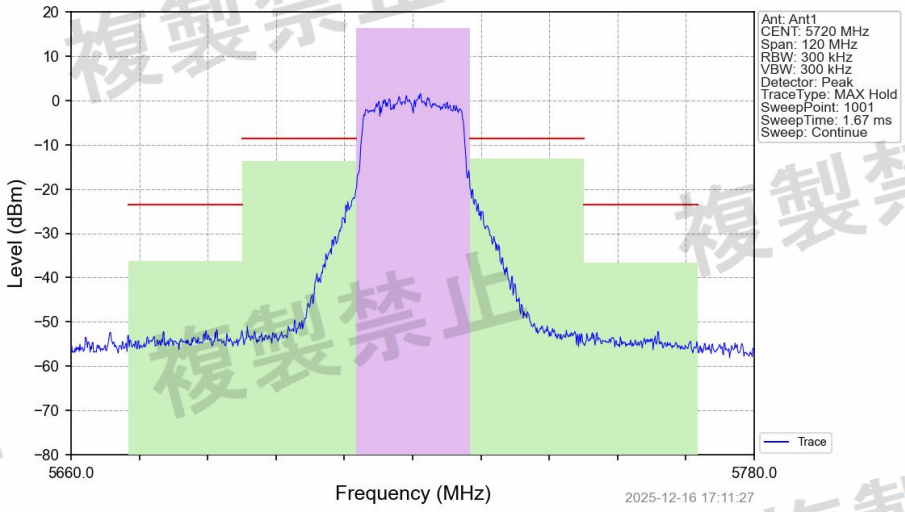
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Alternate	-40	20.00	-34.33	-52.19	-40	12.19	Pass
Adjacent	-20	20.00	-12.15	-30.01	-25	5.01	Pass
Carrier	/	20.00	17.86	/	/	/	/
Adjacent	20	20.00	-10.36	-28.22	-25	3.22	Pass
Alternate	40	20.00	-33.82	-51.68	-40	11.68	Pass

802.11ac(VHT20)_MCH_5600MHz_Ant1_NTNV



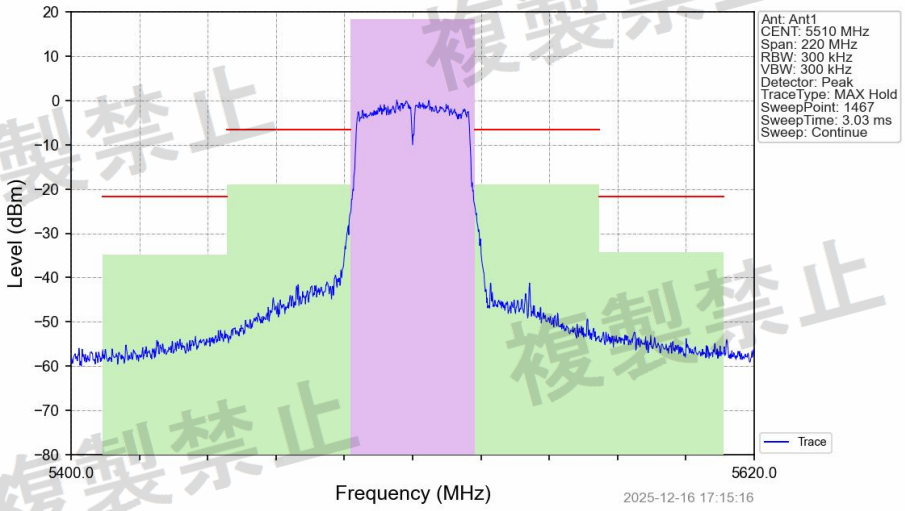
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Alternate	-40	20.00	-36.67	-51.73	-40	11.73	Pass
Adjacent	-20	20.00	-13.81	-28.87	-25	3.87	Pass
Carrier	/	20.00	15.06	/	/	/	/
Adjacent	20	20.00	-14.50	-29.56	-25	4.56	Pass
Alternate	40	20.00	-37.46	-52.52	-40	12.52	Pass

802.11ac(VHT20)_HCH_5720MHz_Ant1_NTNV



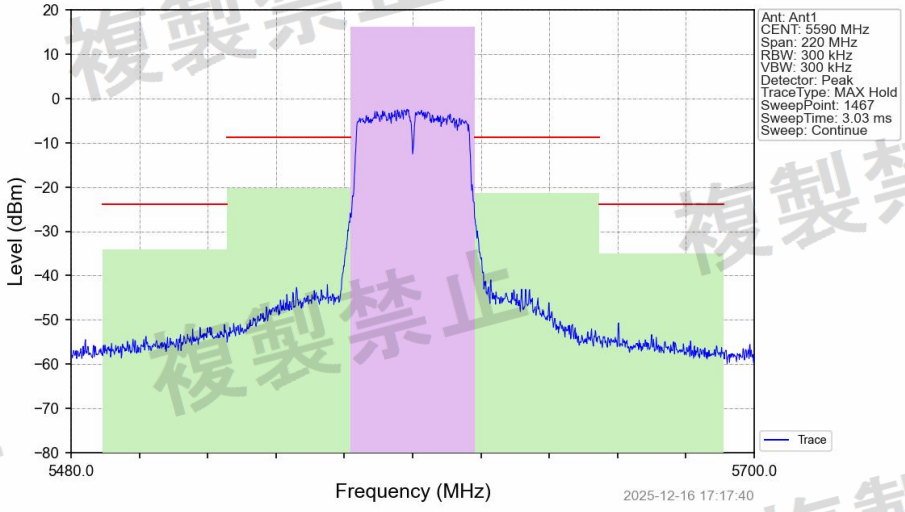
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Alternate	-40	20.00	-36.37	-52.79	-40	12.79	Pass
Adjacent	-20	20.00	-13.78	-30.20	-25	5.20	Pass
Carrier	/	20.00	16.42	/	/	/	/
Adjacent	20	20.00	-13.18	-29.60	-25	4.60	Pass
Alternate	40	20.00	-36.70	-53.12	-40	13.12	Pass

802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV



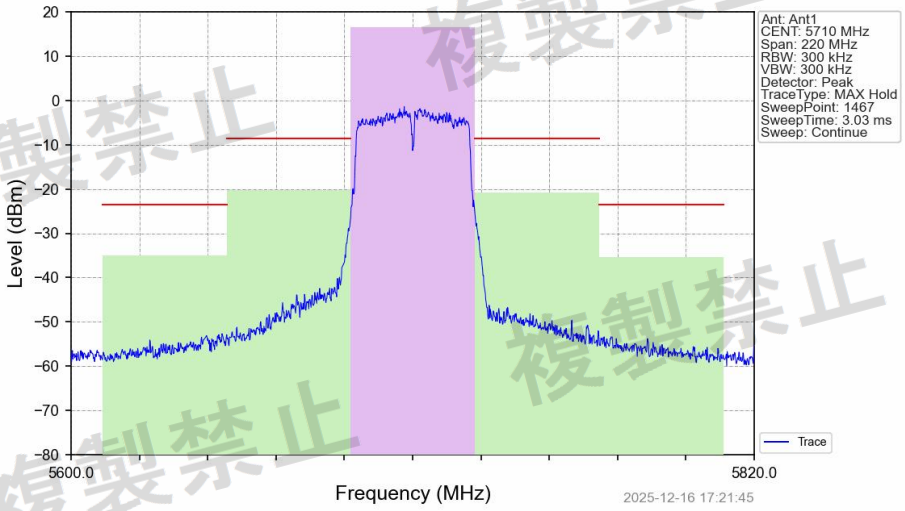
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Alternate	-80	40.00	-34.80	-53.17	-40	13.17	Pass
Adjacent	-40	40.00	-18.89	-37.26	-25	12.26	Pass
Carrier	/	40.00	18.37	/	/	/	/
Adjacent	40	40.00	-18.89	-37.26	-25	12.26	Pass
Alternate	80	40.00	-34.23	-52.60	-40	12.60	Pass

802.11ac(VHT40)_MCH_5590MHz_Ant1_NTNV



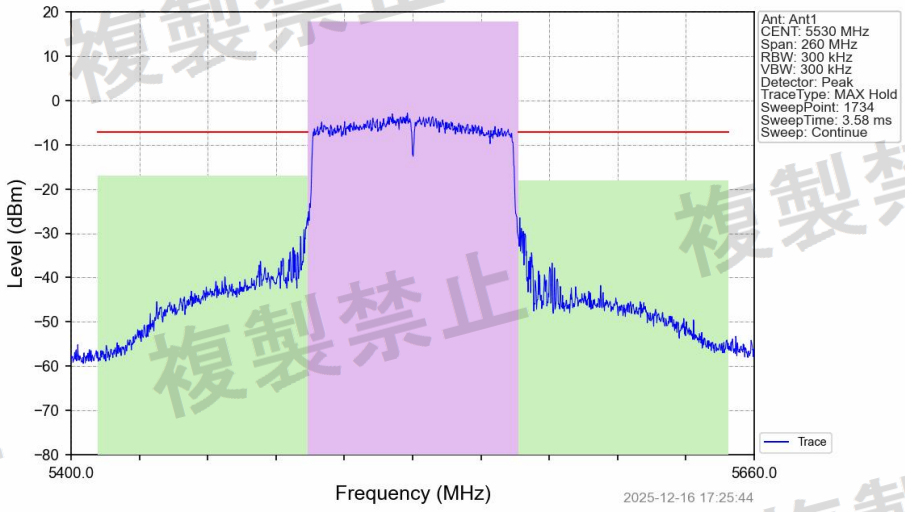
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Alternate	-80	40.00	-34.04	-50.20	-40	10.20	Pass
Adjacent	-40	40.00	-20.22	-36.38	-25	11.38	Pass
Carrier	/	40.00	16.16	/	/	/	/
Adjacent	40	40.00	-21.26	-37.42	-25	12.42	Pass
Alternate	80	40.00	-35.07	-51.23	-40	11.23	Pass

802.11ac(VHT40)_HCH_5710MHz_Ant1_NTNV



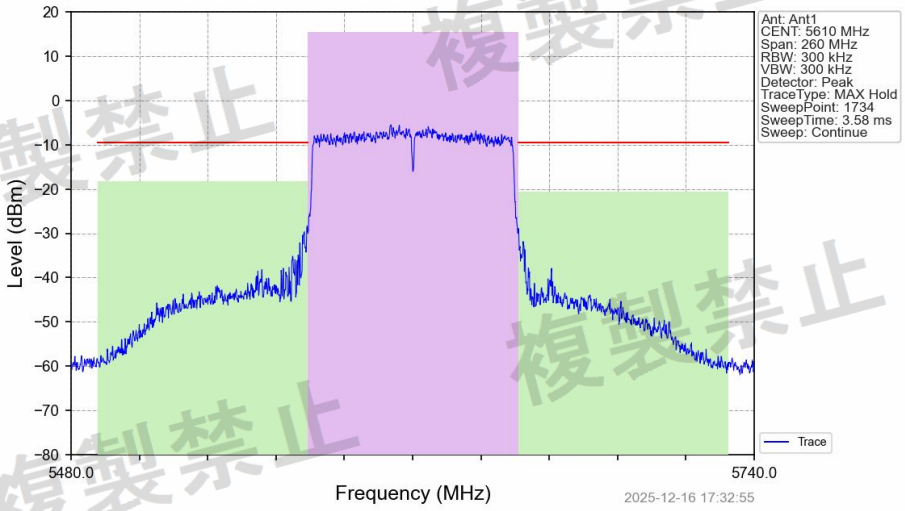
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Alternate	-80	40.00	-34.98	-51.45	-40	11.45	Pass
Adjacent	-40	40.00	-20.29	-36.76	-25	11.76	Pass
Carrier	/	40.00	16.47	/	/	/	/
Adjacent	40	40.00	-20.72	-37.19	-25	12.19	Pass
Alternate	80	40.00	-35.32	-51.79	-40	11.79	Pass

802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV



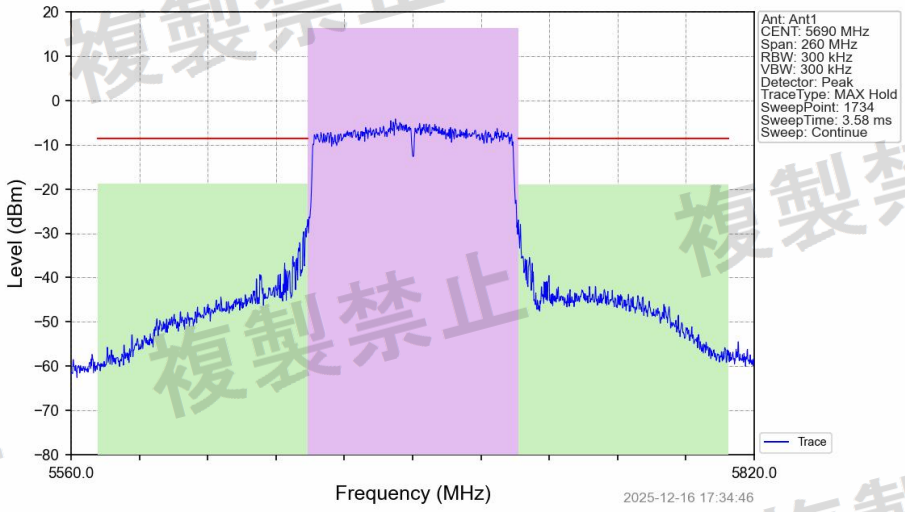
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Adjacent	-80	80.00	-16.92	-34.75	-25	9.75	Pass
Carrier	/	80.00	17.83	/	/	/	/
Adjacent	80	80.00	-18.05	-35.88	-25	10.88	Pass

802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV



Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Adjacent	-80	80.00	-18.26	-33.79	-25	8.79	Pass
Carrier	/	80.00	15.53	/	/	/	/
Adjacent	80	80.00	-20.55	-36.08	-25	11.08	Pass

802.11ac(VHT80)_HHCH_5690MHz_Ant1_NTNV



Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Adjacent	-80	80.00	-18.71	-35.06	-25	10.06	Pass
Carrier	/	80.00	16.35	/	/	/	/
Adjacent	80	80.00	-19.04	-35.39	-25	10.39	Pass

5. Out Of Bands Leakage Power

5.1 Test Result

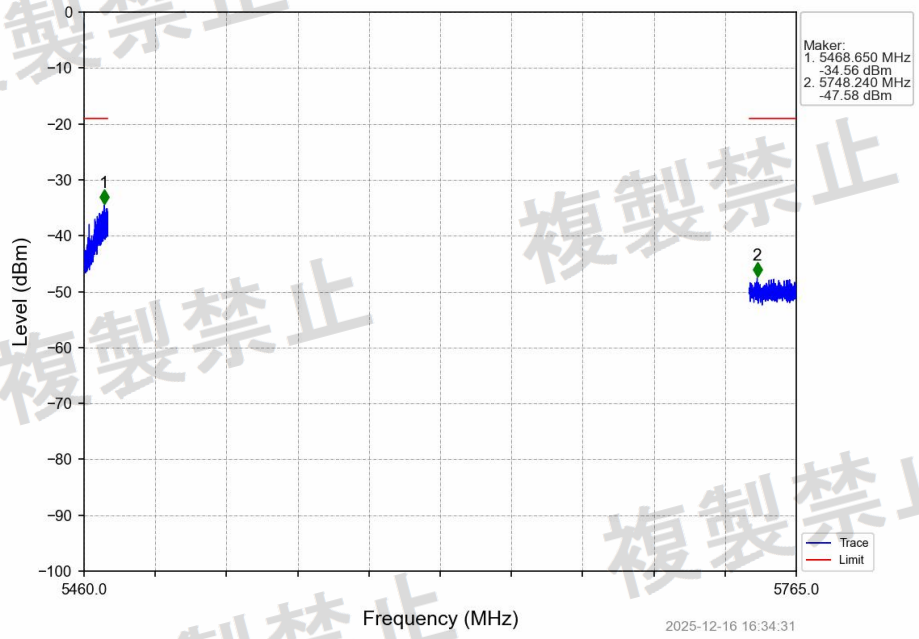
5.1.1 OOB_NTNV_SISO

NTNV												
Mode	TX Type	Freq. (MHz)	ANT	Freq. Range		Marker					Limit (uW /MHz)	Verdict
				Start (MHz)	Stop (MHz)	Freq. (MHz)	PK EIRP (dBm /MHz)	PK EIRP (uW /MHz)	AV EIRP (dBm /MHz)	AV EIRP (uW /MHz)		
802.11a	SISO	5500	1	5460	5470	5468.65	-33.66	0.431	/	/	12.5	Pass
				5745	5765	5748.24	-46.68	0.021	/	/	12.5	Pass
		5600	1	5460	5470	5469.78	-45.97	0.025	/	/	12.5	Pass
				5745	5765	5755.26	-46.09	0.025	/	/	12.5	Pass
		5720	1	5460	5470	5466.12	-45.31	0.029	/	/	12.5	Pass
				5745	5765	5745.7	-38.12	0.154	/	/	12.5	Pass
802.11n (HT20)	SISO	5500	1	5460	5470	5469.47	-40.42	0.091	/	/	12.5	Pass
				5745	5765	5759.7	-46.36	0.023	/	/	12.5	Pass
		5600	1	5460	5470	5464.5	-49.59	0.011	/	/	12.5	Pass
				5745	5765	5750.56	-49.85	0.010	/	/	12.5	Pass
		5720	1	5460	5470	5462.69	-48.41	0.014	/	/	12.5	Pass
				5745	5765	5745.46	-42.44	0.057	/	/	12.5	Pass
802.11n (HT40)	SISO	5510	1	5460	5470	5467.45	-31.00	0.794	/	/	50	Pass
		5590	1	5460	5470	5464.57	-48.30	0.015	/	/	50	Pass
		5710	1	5460	5470	5465.92	-49.83	0.010	/	/	50	Pass
802.11ac (VHT20)	SISO	5500	1	5460	5470	5469.15	-42.01	0.063	/	/	12.5	Pass
				5745	5765	5745.88	-46.56	0.022	/	/	12.5	Pass
		5600	1	5460	5470	5465.83	-49.56	0.011	/	/	12.5	Pass
				5745	5765	5760.38	-49.89	0.010	/	/	12.5	Pass
		5720	1	5460	5470	5460.3	-49.90	0.010	/	/	12.5	Pass
				5745	5765	5747.8	-41.30	0.074	/	/	12.5	Pass
802.11ac (VHT40)	SISO	5510	1	5460	5470	5468.17	-35.83	0.261	/	/	50	Pass
		5590	1	5460	5470	5468.44	-49.24	0.012	/	/	50	Pass
		5710	1	5460	5470	5465.97	-49.35	0.012	/	/	50	Pass
802.11ac (VHT80)	SISO	5530	1	5460	5469.5	5468.303	-30.06	0.986	/	/	50	Pass
				5469.5	5470	5469.966	-29.27	1.183	/	/	51.2	Pass
		5610	1	5460	5469.5	5467.923	-52.37	0.006	/	/	50	Pass
				5469.5	5470	5469.588	-51.11	0.008	/	/	51.2	Pass
		5690	1	5460	5469.5	5462.461	-54.68	0.003	/	/	50	Pass
				5469.5	5470	5469.823	-54.15	0.004	/	/	51.2	Pass

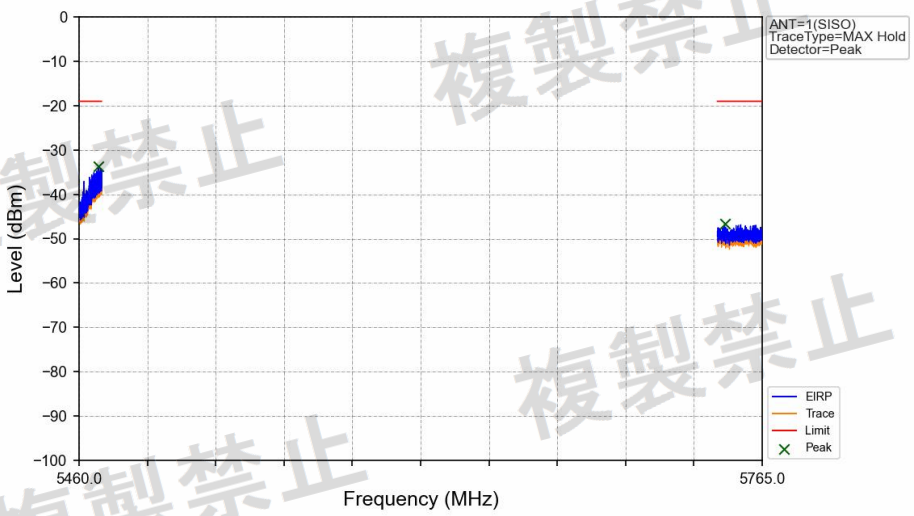
5.2 Test Graph

5.2.1 OOB_NTNV_SISO

802.11a_LCH_5500MHz_Ant1_NTNV

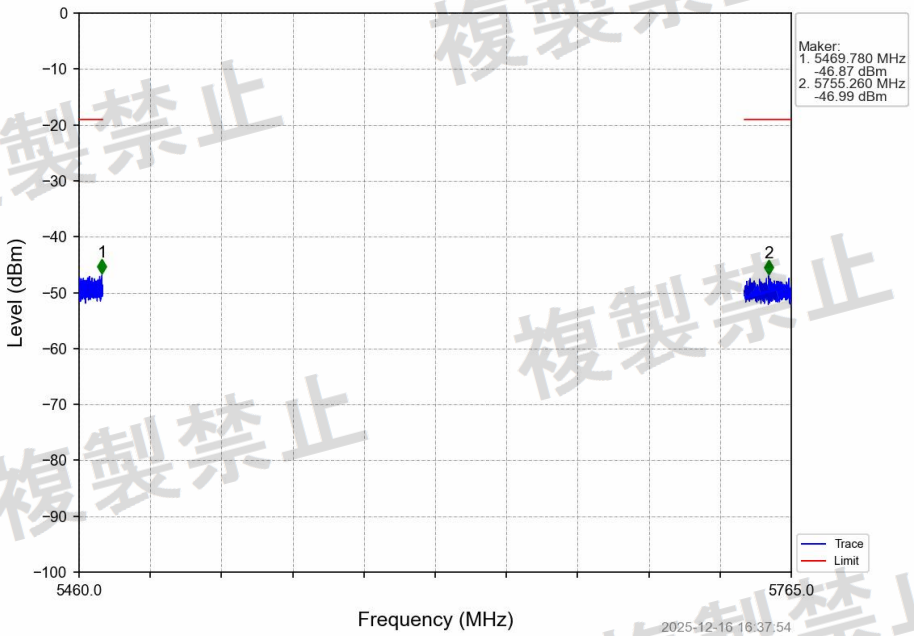


802.11a_LCH_5500MHz_Ant1_NTNV

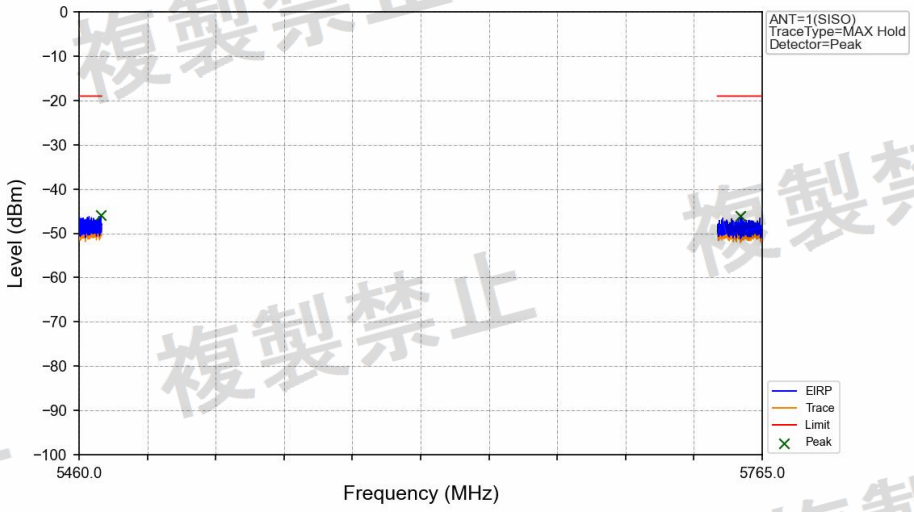


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
5460	5470	1	1	5468.650	-34.56	/	0.90	-33.66	/	-19.03	Pass
5745	5765	1	1	5748.240	-47.58	/	0.90	-46.68	/	-19.03	Pass

802.11a_MCH_5600MHz_Ant1_NTNV

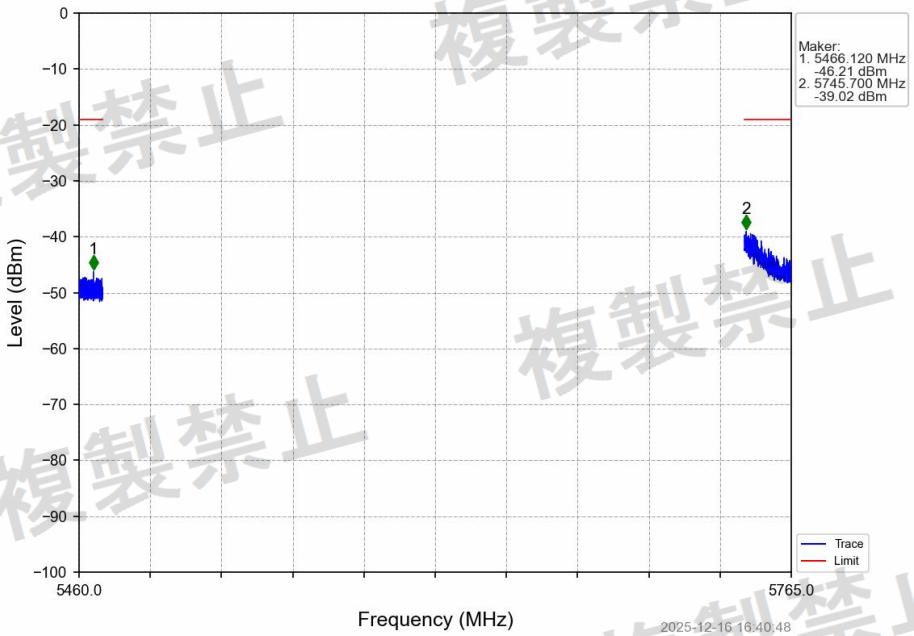


802.11a_MCH_5600MHz_Ant1_NTNV

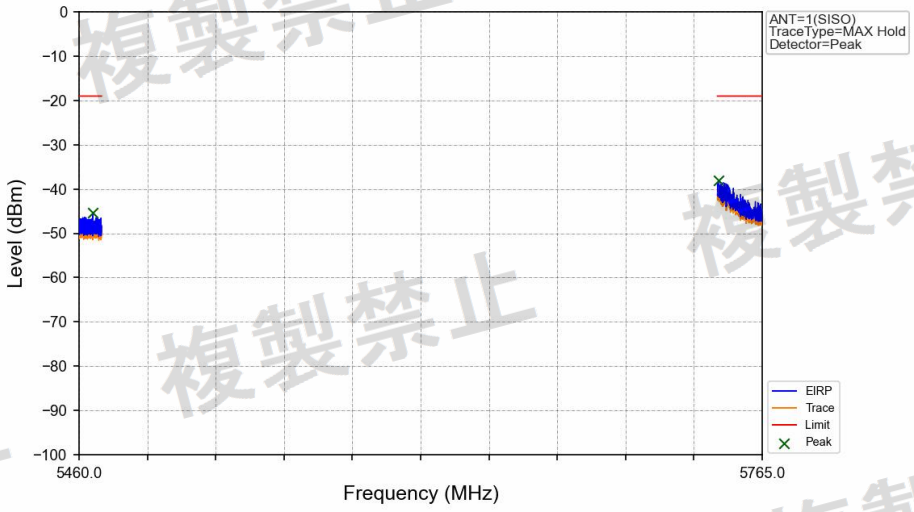


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
5460	5470	1	1	5469.780	-46.87	/	0.90	-45.97	/	-19.03	Pass
5745	5765	1	1	5755.260	-46.99	/	0.90	-46.09	/	-19.03	Pass

802.11a_HCH_5720MHz_Ant1_NTNV

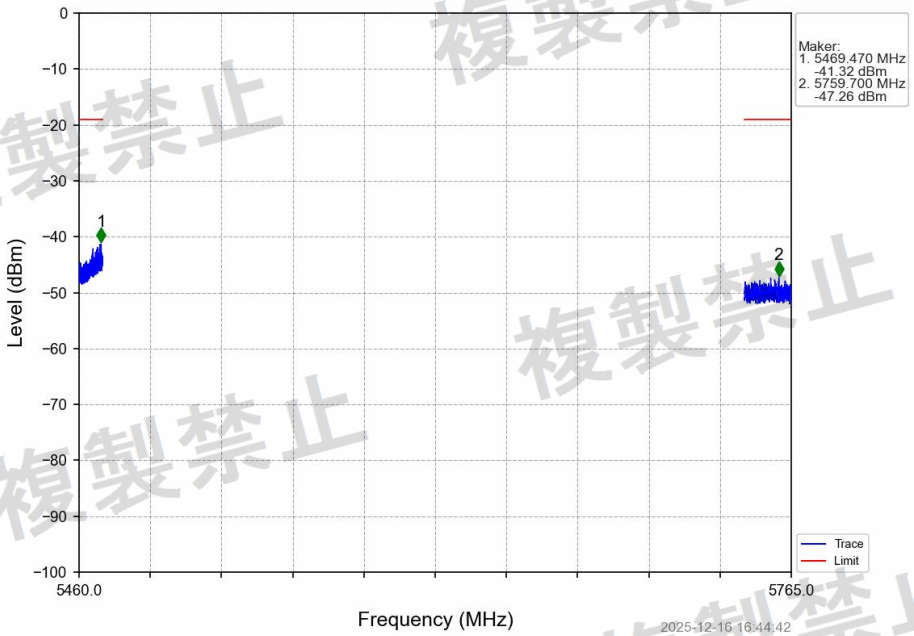


802.11a_HCH_5720MHz_Ant1_NTNV

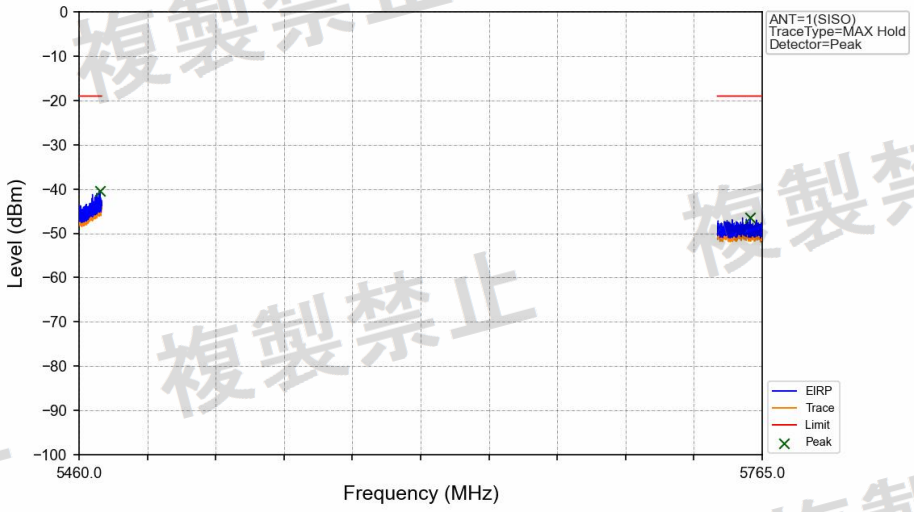


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
5460	5470	1	1	5466.120	-46.21	/	0.90	-45.31	/	-19.03	Pass
5745	5765	1	1	5745.700	-39.02	/	0.90	-38.12	/	-19.03	Pass

802.11n(HT20)_LCH_5500MHz_Ant1_NTNV

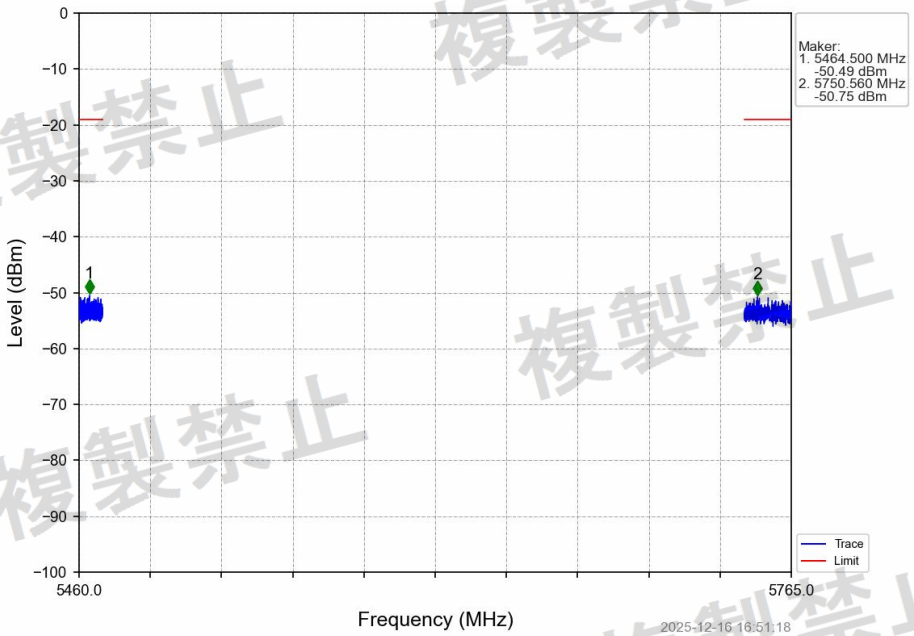


802.11n(HT20)_LCH_5500MHz_Ant1_NTNV

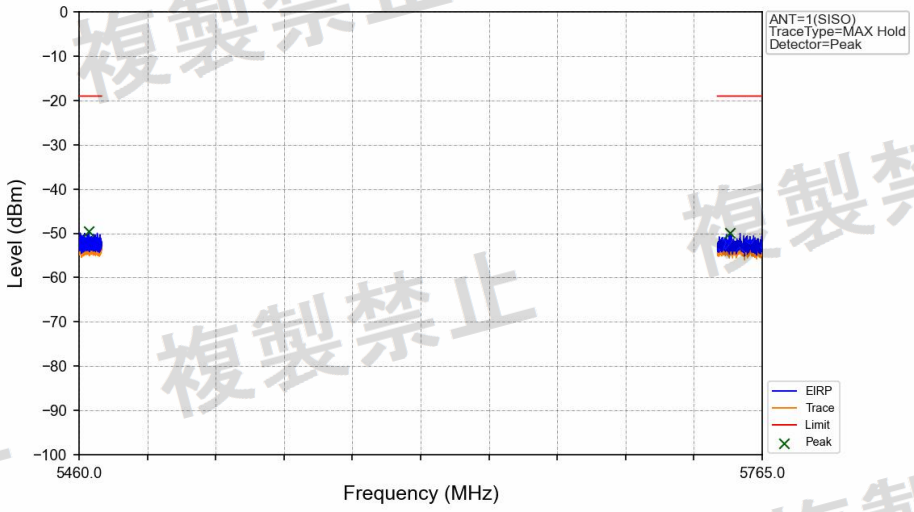


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
5460	5470	1	1	5469.470	-41.32	/	0.90	-40.42	/	-19.03	Pass
5745	5765	1	1	5759.700	-47.26	/	0.90	-46.36	/	-19.03	Pass

802.11n(HT20)_MCH_5600MHz_Ant1_NTNV

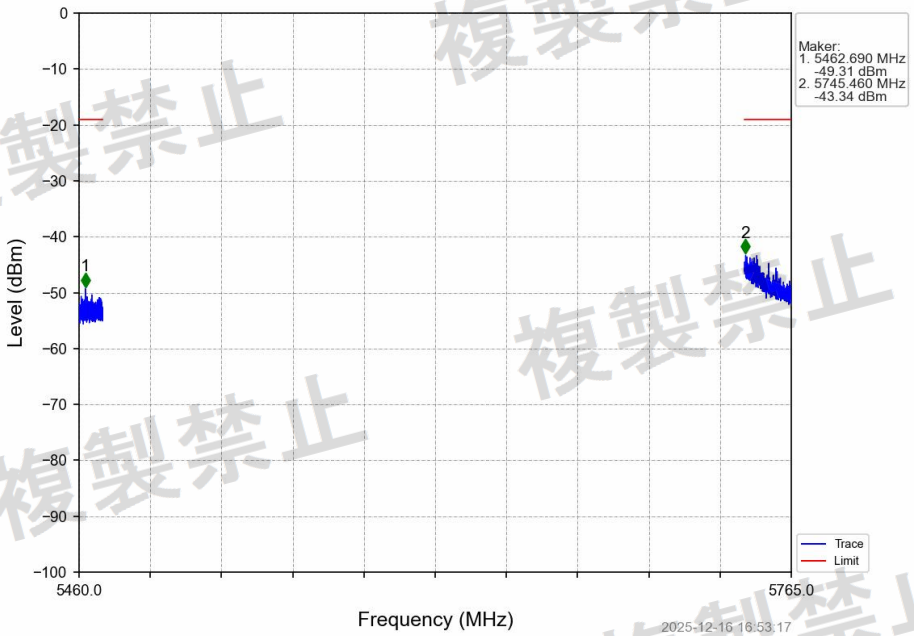


802.11n(HT20)_MCH_5600MHz_Ant1_NTNV

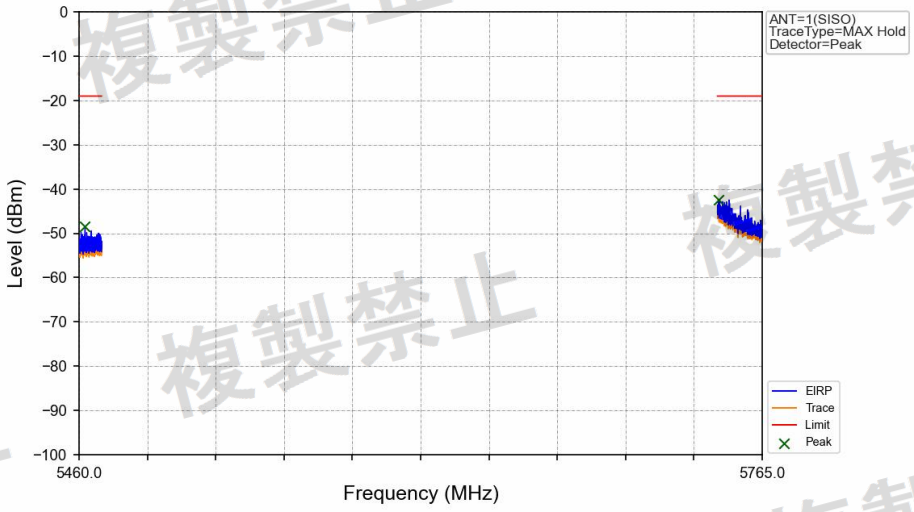


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
5460	5470	1	1	5464.500	-50.49	/	0.90	-49.59	/	-19.03	Pass
5745	5765	1	1	5750.560	-50.75	/	0.90	-49.85	/	-19.03	Pass

802.11n(HT20)_HCH_5720MHz_Ant1_NTNV

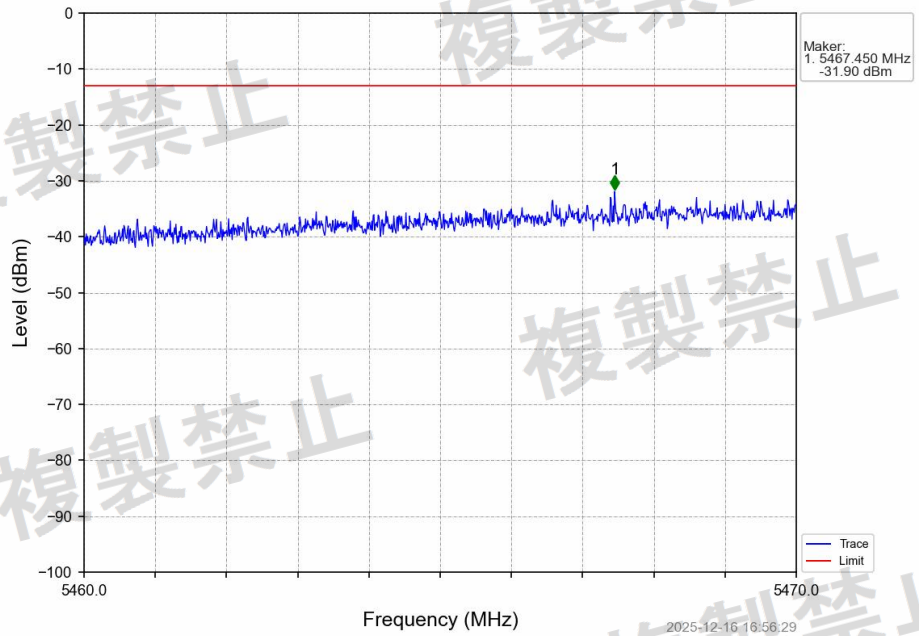


802.11n(HT20)_HCH_5720MHz_Ant1_NTNV

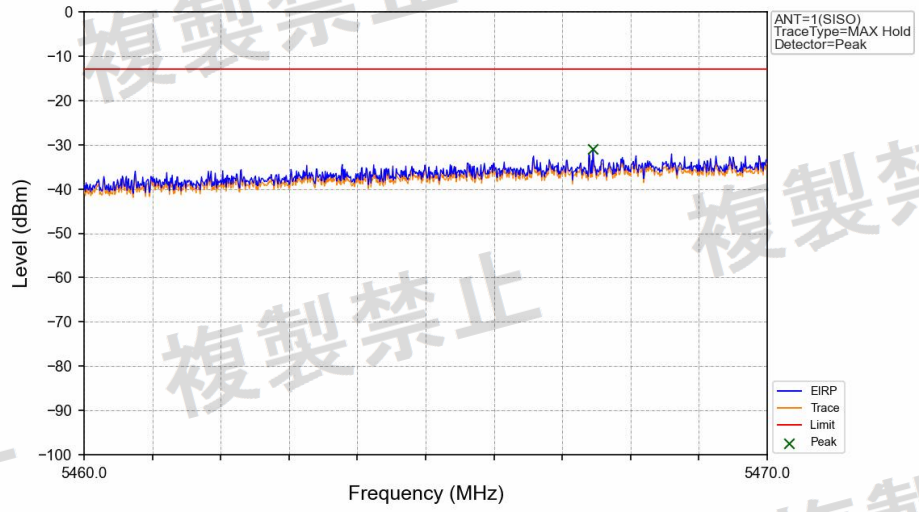


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
5460	5470	1	1	5462.690	-49.31	/	0.90	-48.41	/	-19.03	Pass
5745	5765	1	1	5745.460	-43.34	/	0.90	-42.44	/	-19.03	Pass

802.11n(HT40)_LCH_5510MHz_Ant1_NTNV

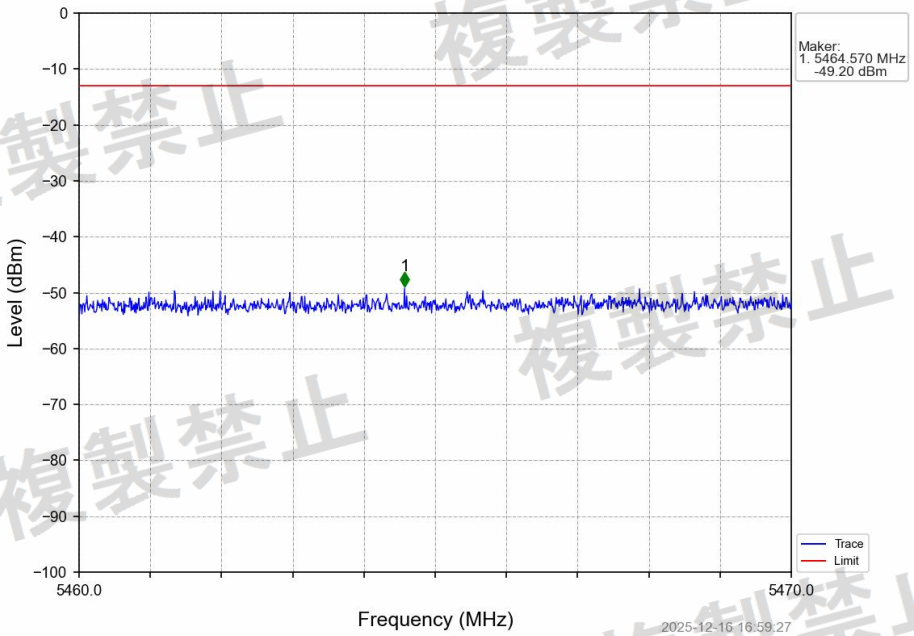


802.11n(HT40)_LCH_5510MHz_Ant1_NTNV

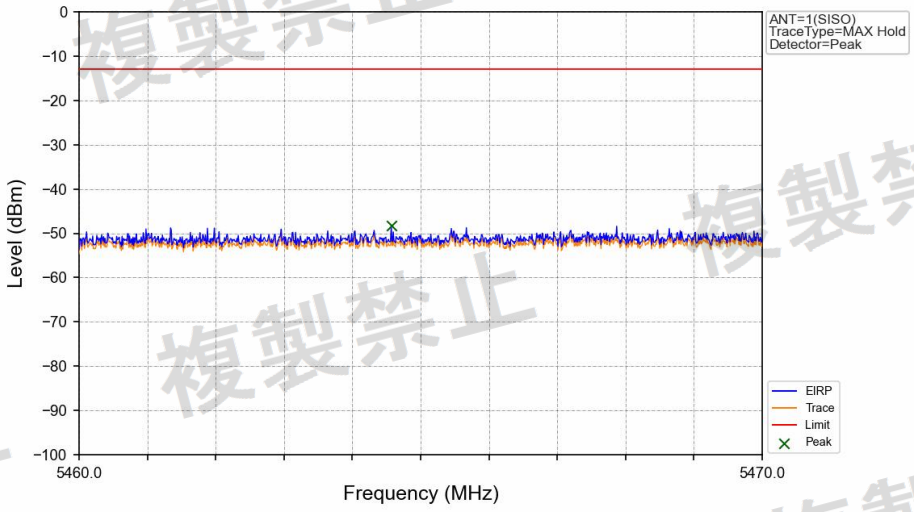


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
5460	5470	1	1	5467.450	-31.90	/	0.90	-31.00	/	-13.01	Pass

802.11n(HT40)_MCH_5590MHz_Ant1_NTNV

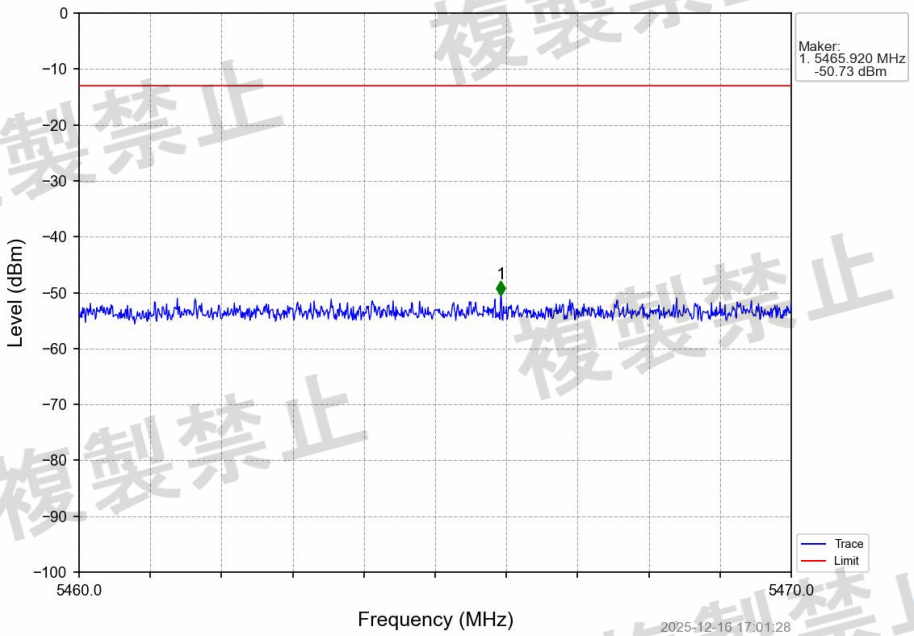


802.11n(HT40)_MCH_5590MHz_Ant1_NTNV

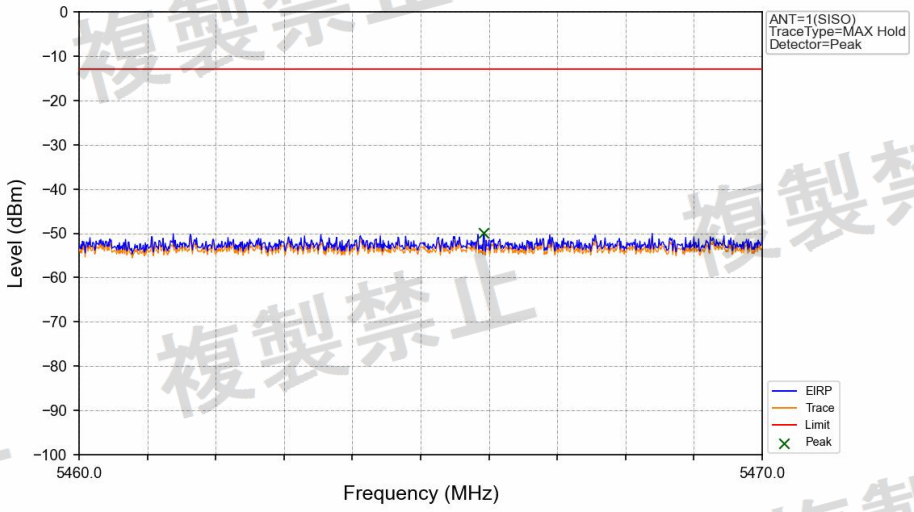


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
5460	5470	1	1	5464.570	-49.20	/	0.90	-48.30	/	-13.01	Pass

802.11n(HT40)_HCH_5710MHz_Ant1_NTNV

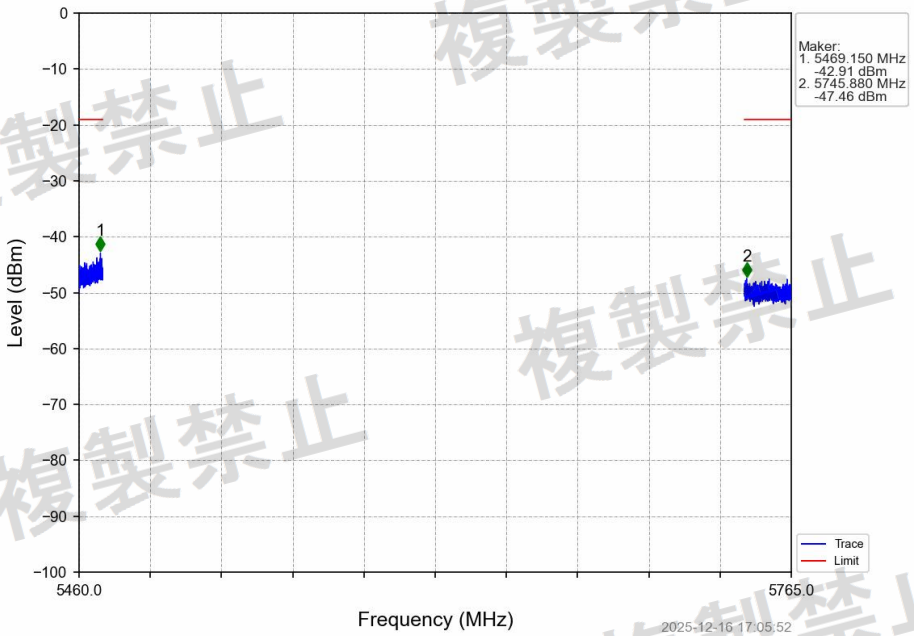


802.11n(HT40)_HCH_5710MHz_Ant1_NTNV

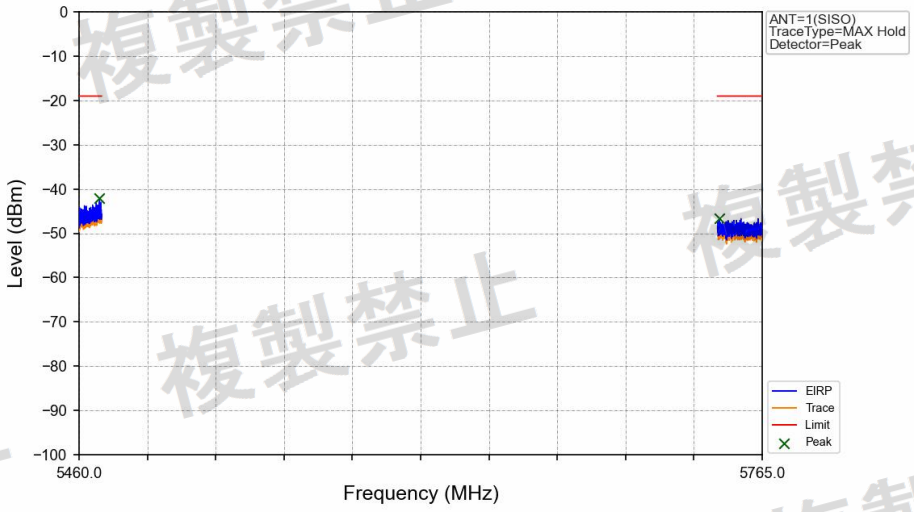


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
5460	5470	1	1	5465.920	-50.73	/	0.90	-49.83	/	-13.01	Pass

802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV

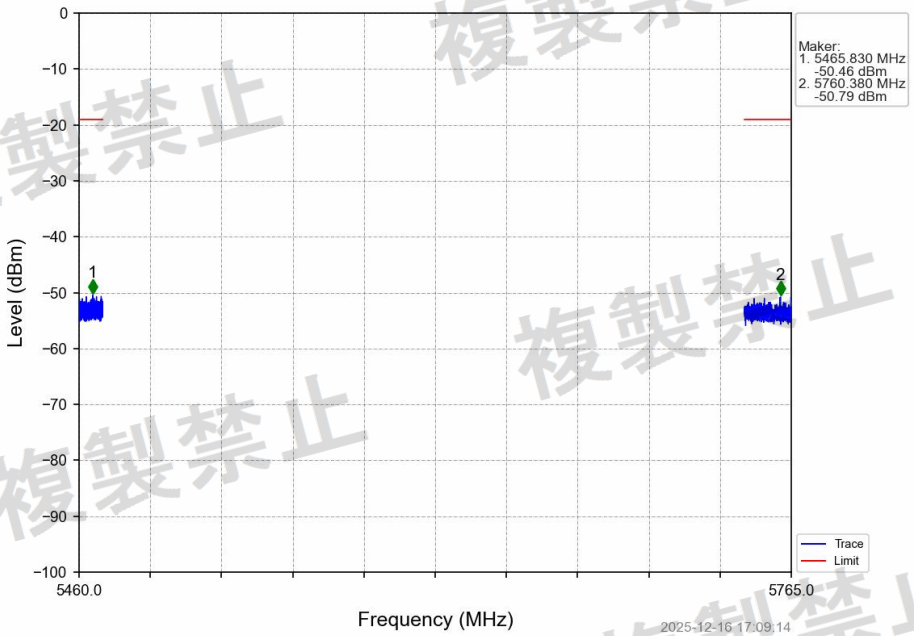


802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV

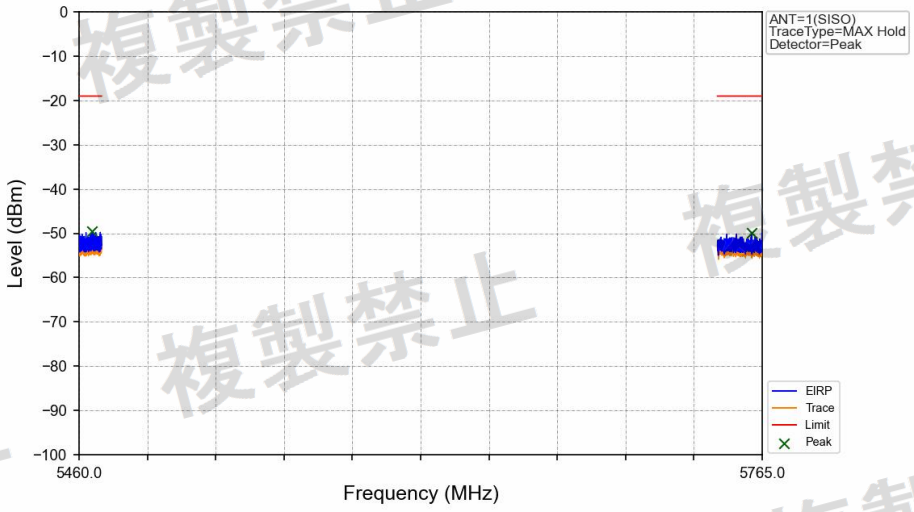


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
5460	5470	1	1	5469.150	-42.91	/	0.90	-42.01	/	-19.03	Pass
5745	5765	1	1	5745.880	-47.46	/	0.90	-46.56	/	-19.03	Pass

802.11ac(VHT20)_MCH_5600MHz_Ant1_NTNV

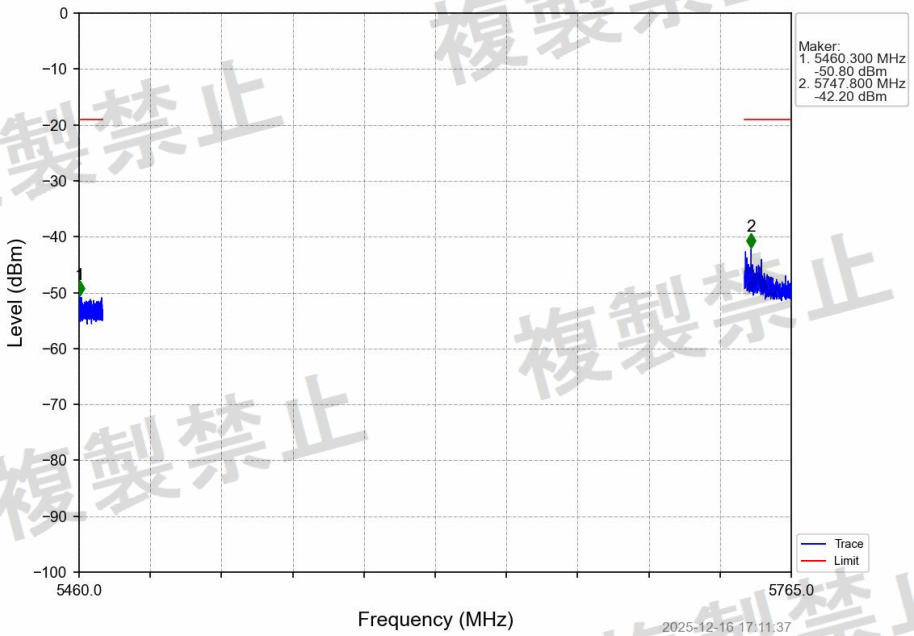


802.11ac(VHT20)_MCH_5600MHz_Ant1_NTNV

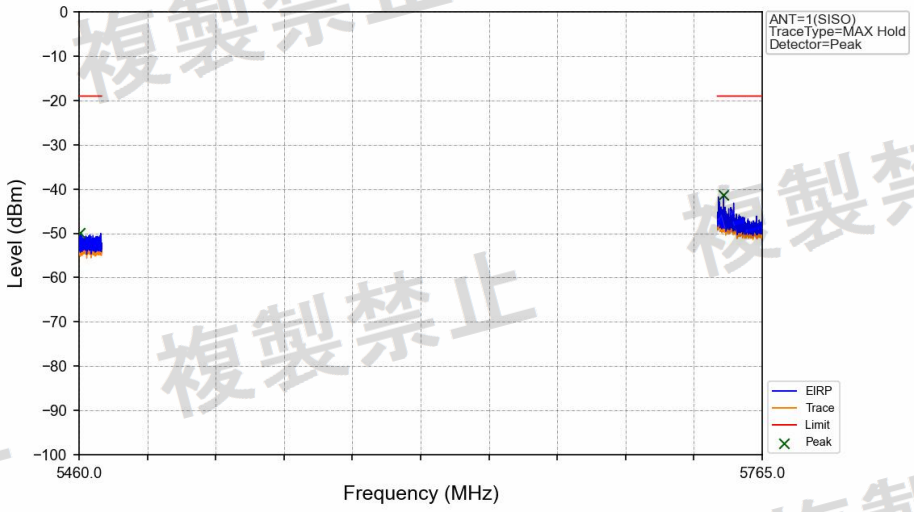


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
5460	5470	1	1	5465.830	-50.46	/	0.90	-49.56	/	-19.03	Pass
5745	5765	1	1	5760.380	-50.79	/	0.90	-49.89	/	-19.03	Pass

802.11ac(VHT20)_HCH_5720MHz_Ant1_NTNV

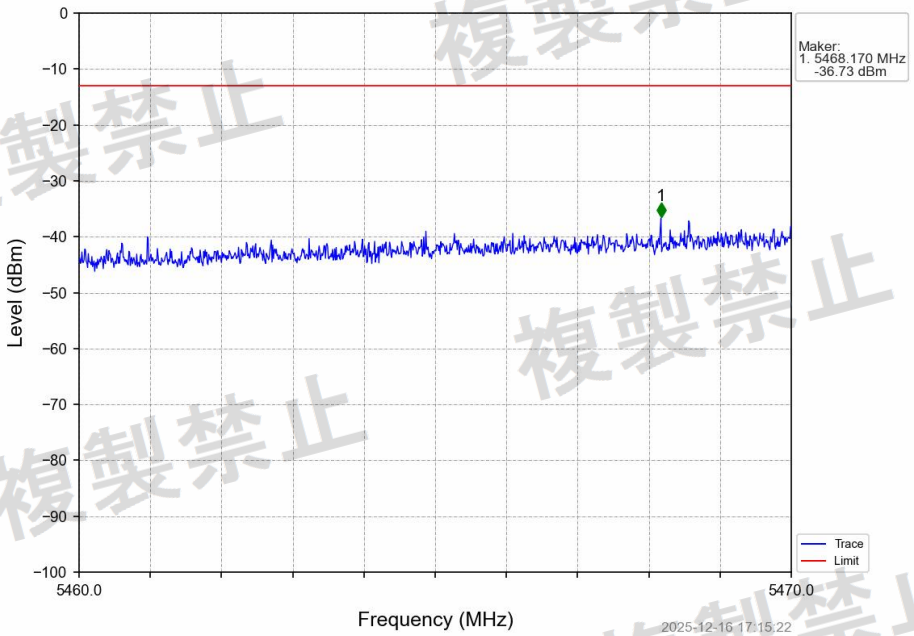


802.11ac(VHT20)_HCH_5720MHz_Ant1_NTNV

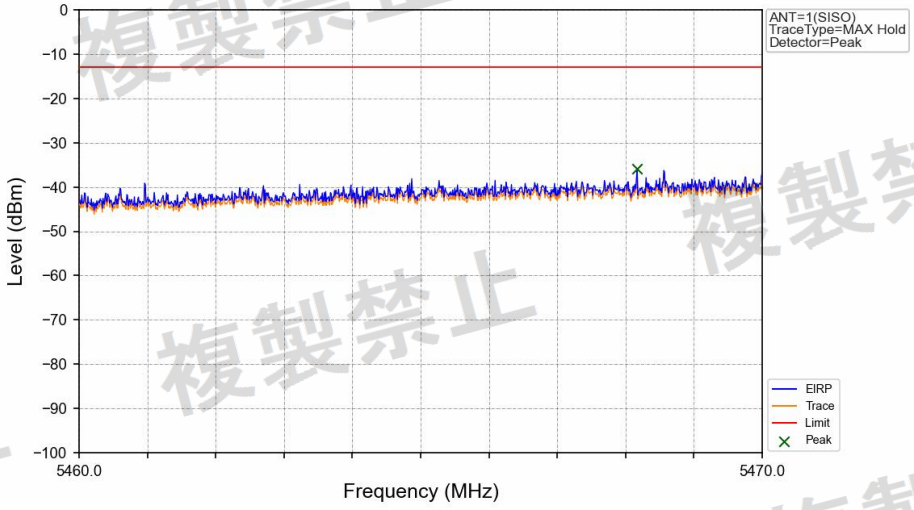


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
5460	5470	1	1	5460.300	-50.80	/	0.90	-49.90	/	-19.03	Pass
5745	5765	1	1	5747.800	-42.20	/	0.90	-41.30	/	-19.03	Pass

802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV

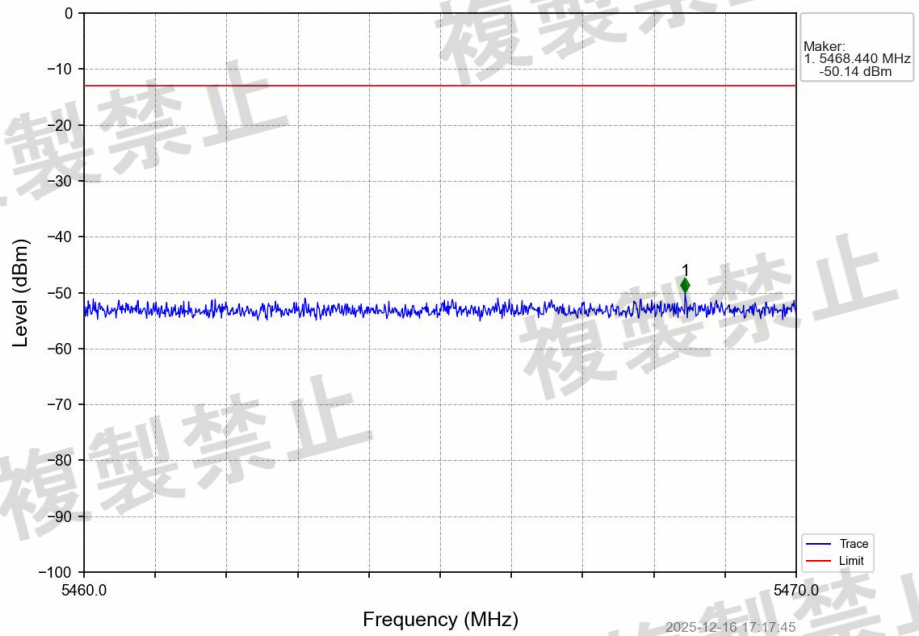


802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV

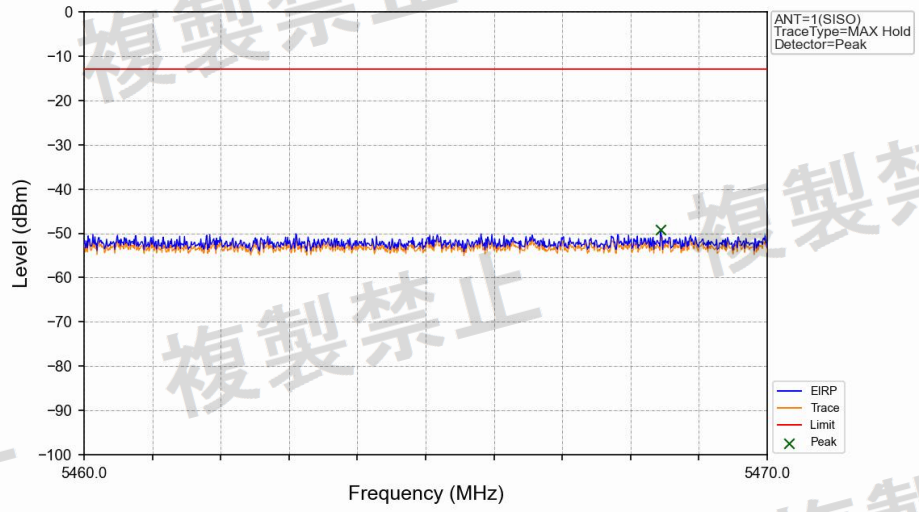


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
5460	5470	1	1	5468.170	-36.73	/	0.90	-35.83	/	-13.01	Pass

802.11ac(VHT40)_MCH_5590MHz_Ant1_NTNV

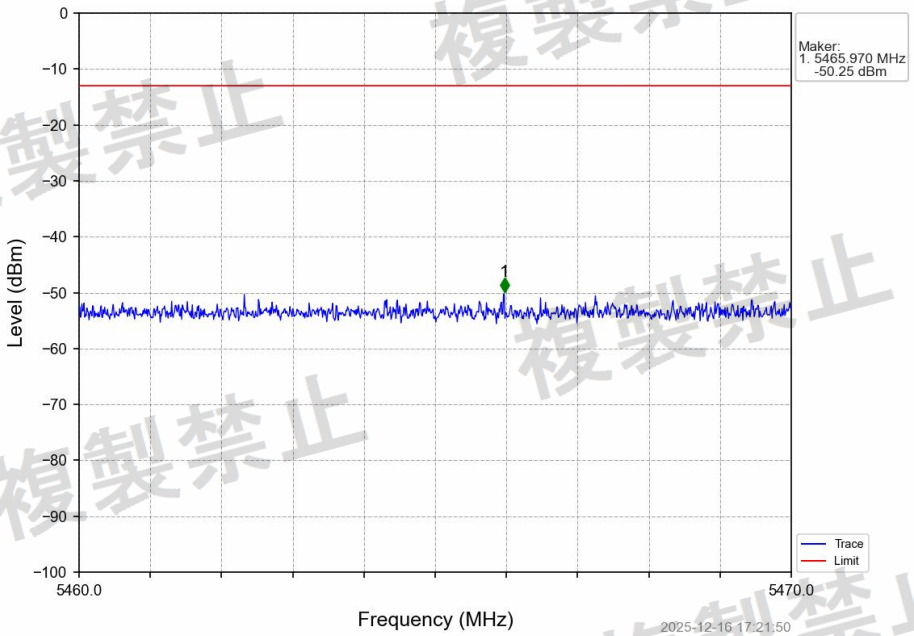


802.11ac(VHT40)_MCH_5590MHz_Ant1_NTNV

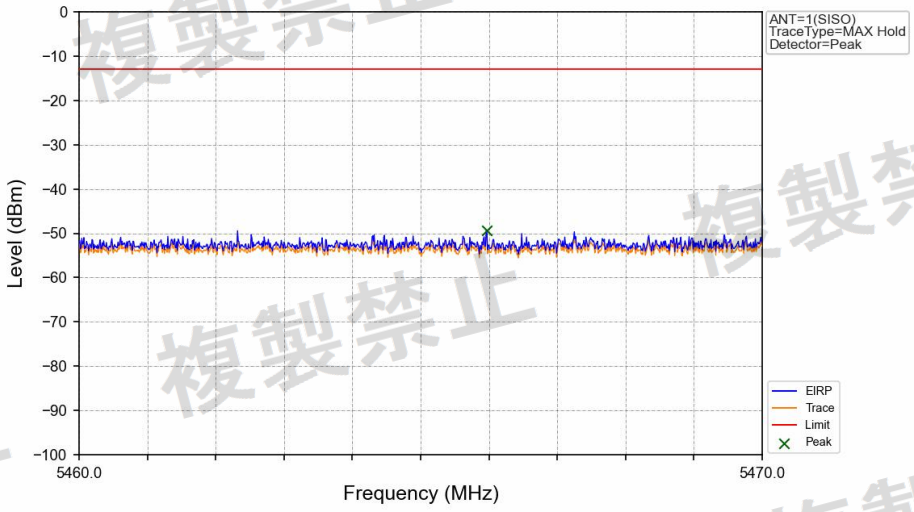


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
5460	5470	1	1	5468.440	-50.14	/	0.90	-49.24	/	-13.01	Pass

802.11ac(VHT40)_HCH_5710MHz_Ant1_NTNV

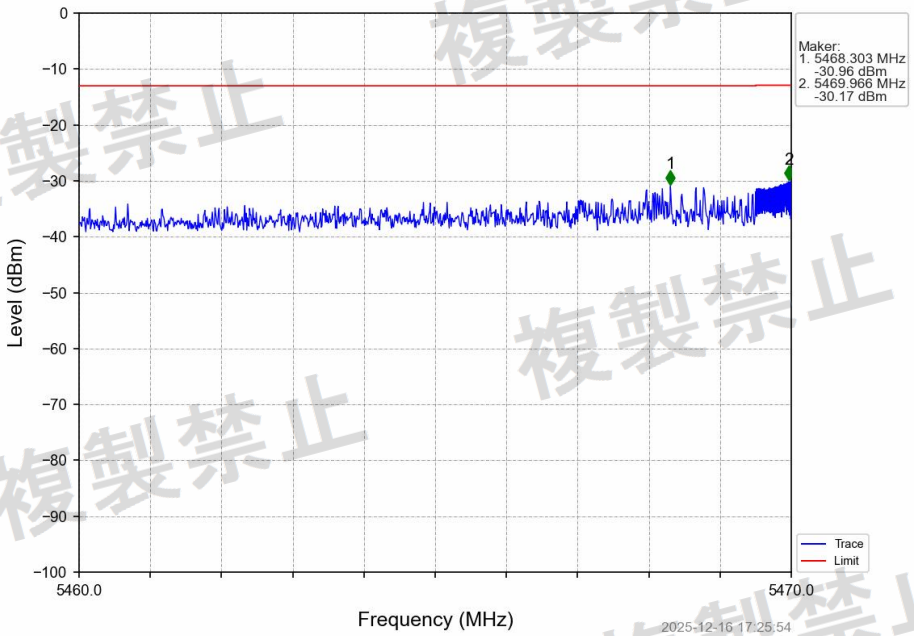


802.11ac(VHT40)_HCH_5710MHz_Ant1_NTNV

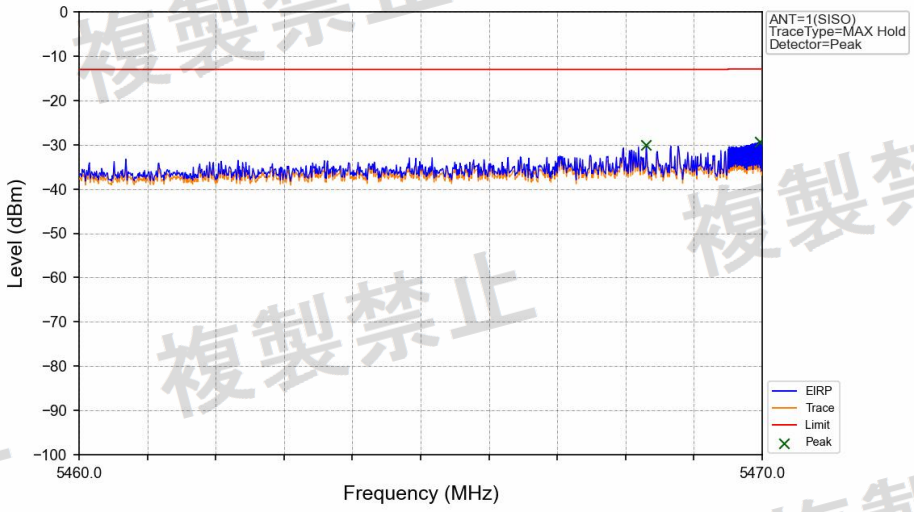


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
5460	5470	1	1	5465.970	-50.25	/	0.90	-49.35	/	-13.01	Pass

802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV

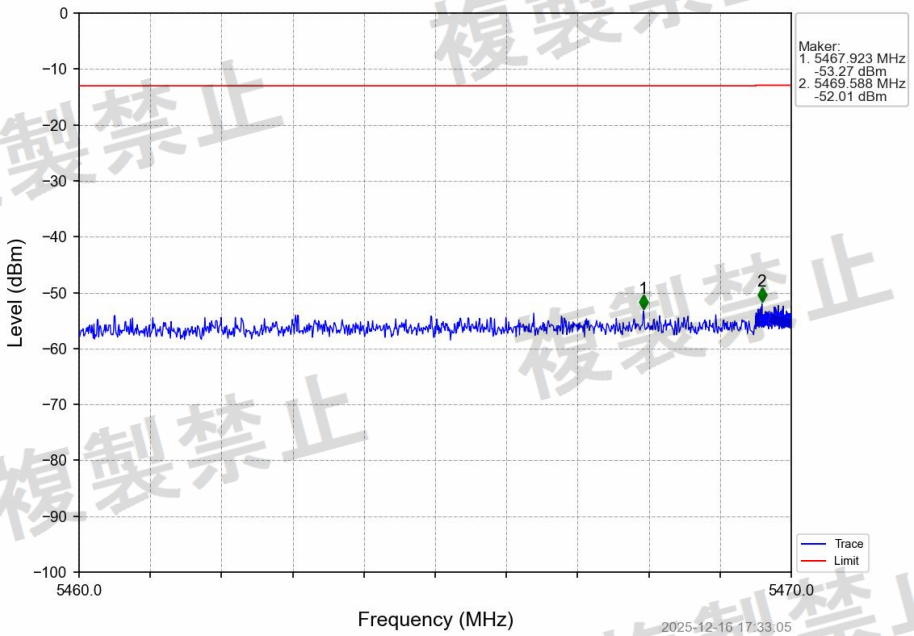


802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV

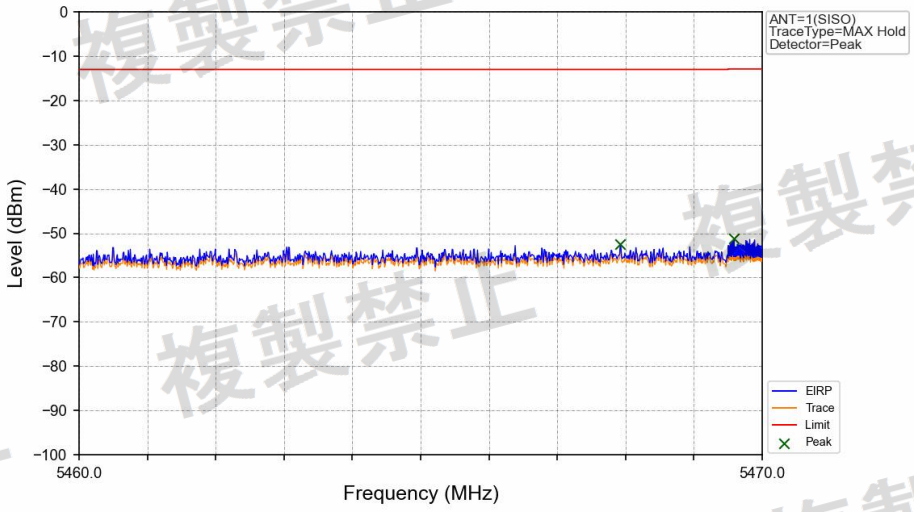


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
5460	5469.5	1	1	5468.303	-30.96	/	0.90	-30.06	/	-13.01	Pass
5469.5	5470	1	1	5469.966	-30.17	/	0.90	-29.27	/	-12.91	Pass

802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV

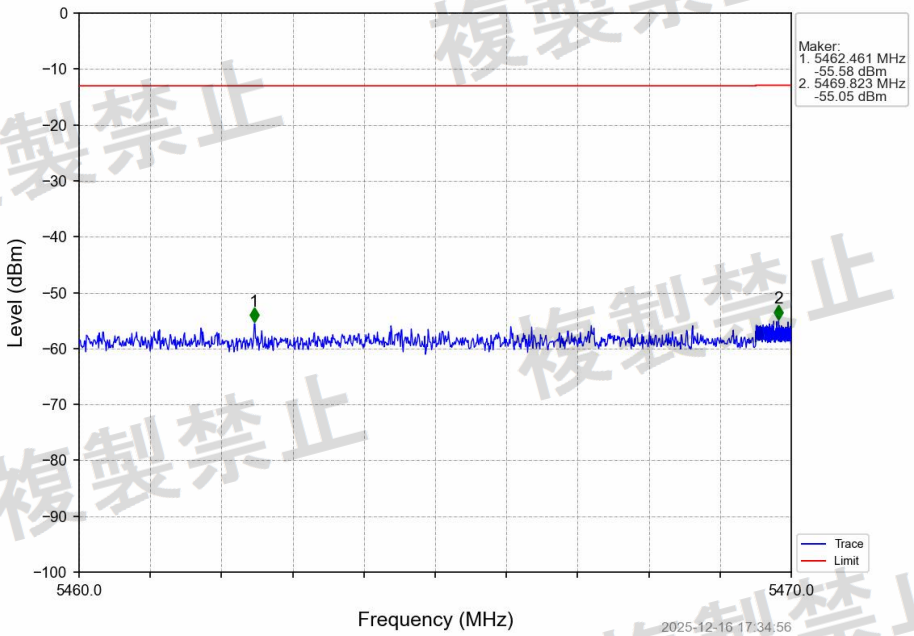


802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV

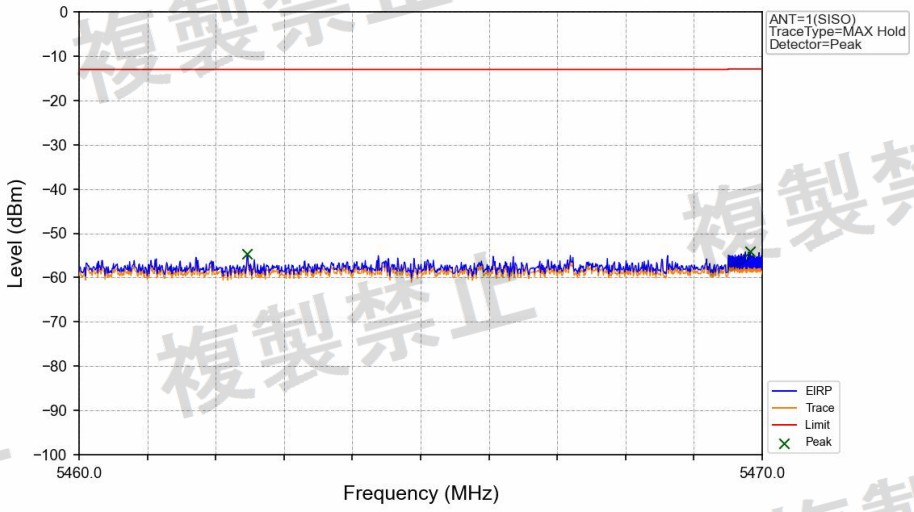


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
5460	5469.5	1	1	5467.923	-53.27	/	0.90	-52.37	/	-13.01	Pass
5469.5	5470	1	1	5469.588	-52.01	/	0.90	-51.11	/	-12.91	Pass

802.11ac(VHT80)_HHCH_5690MHz_Ant1_NTNV



802.11ac(VHT80)_HHCH_5690MHz_Ant1_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
5460	5469.5	1	1	5462.461	-55.58	/	0.90	-54.68	/	-13.01	Pass
5469.5	5470	1	1	5469.823	-55.05	/	0.90	-54.15	/	-12.91	Pass

6. Transmission Burst Length

6.1 Test Result

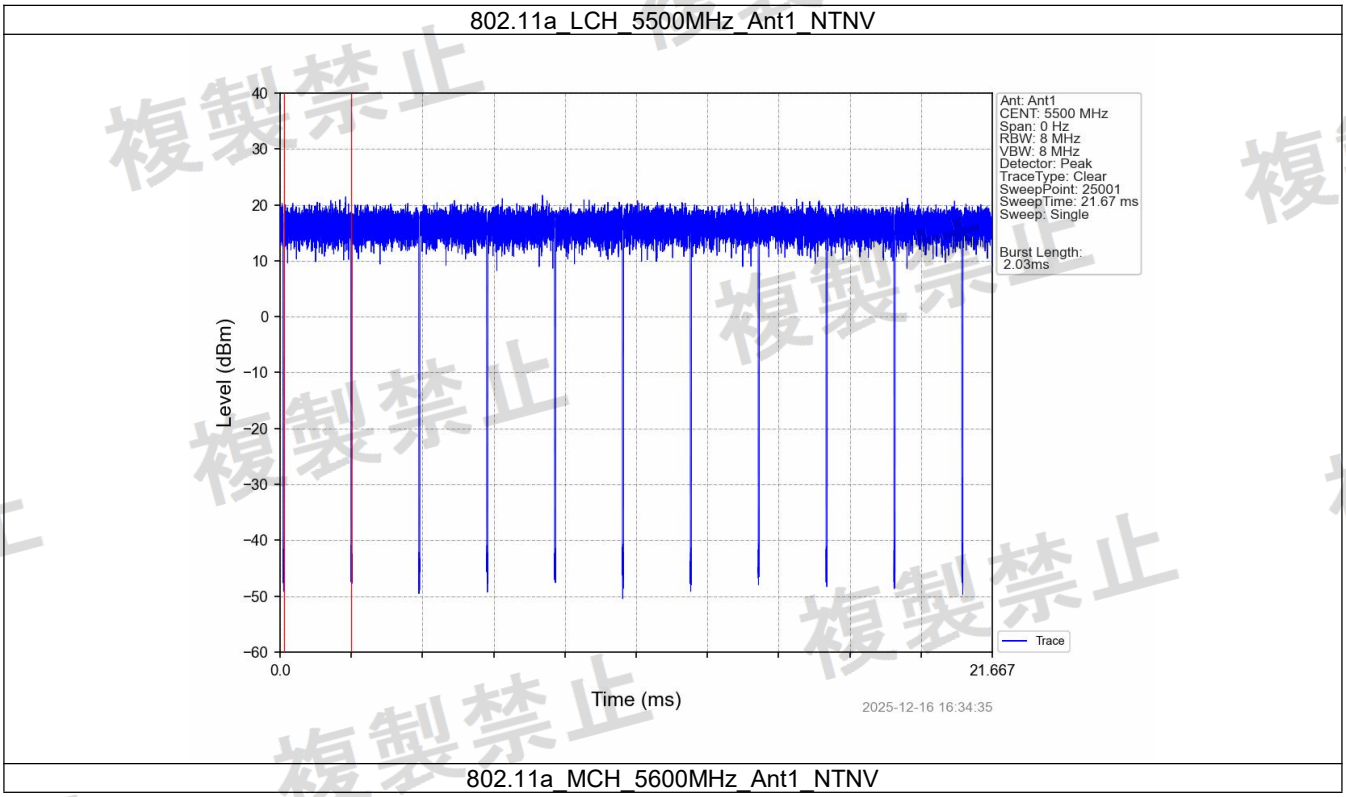
6.1.1 Ant1_NTNV

Ant1_NTNV					
Mode	TX Type	Frequency (MHz)	Burst Length (ms)		Verdict
			Result	Limit	
802.11a	SISO	5500	2.031	<=8	Pass
		5600	2.031	<=8	Pass
		5720	2.031	<=8	Pass
802.11n (HT20)	SISO	5500	1.891	<=8	Pass
		5600	1.891	<=8	Pass
		5720	1.891	<=8	Pass
802.11n (HT40)	SISO	5510	0.930	<=8	Pass
		5590	0.930	<=8	Pass
		5710	0.930	<=8	Pass
802.11ac (VHT20)	SISO	5500	1.903	<=8	Pass
		5600	1.903	<=8	Pass
		5720	1.903	<=8	Pass
802.11ac (VHT40)	SISO	5510	0.938	<=8	Pass
		5590	0.938	<=8	Pass
		5710	0.938	<=8	Pass
802.11ac (VHT80)	SISO	5530	0.457	<=8	Pass
		5610	0.457	<=8	Pass
		5690	0.458	<=8	Pass

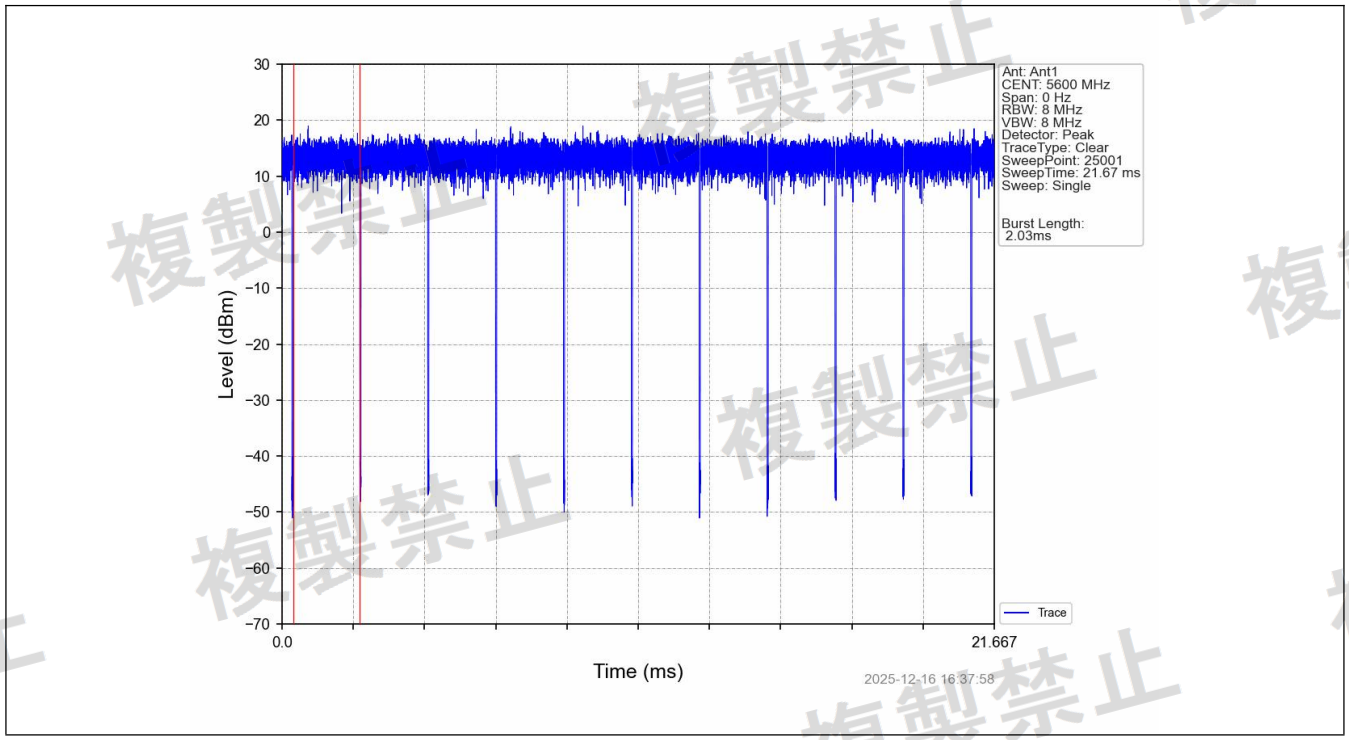
6.2 Test Graph

6.2.1 Ant1_NTNV

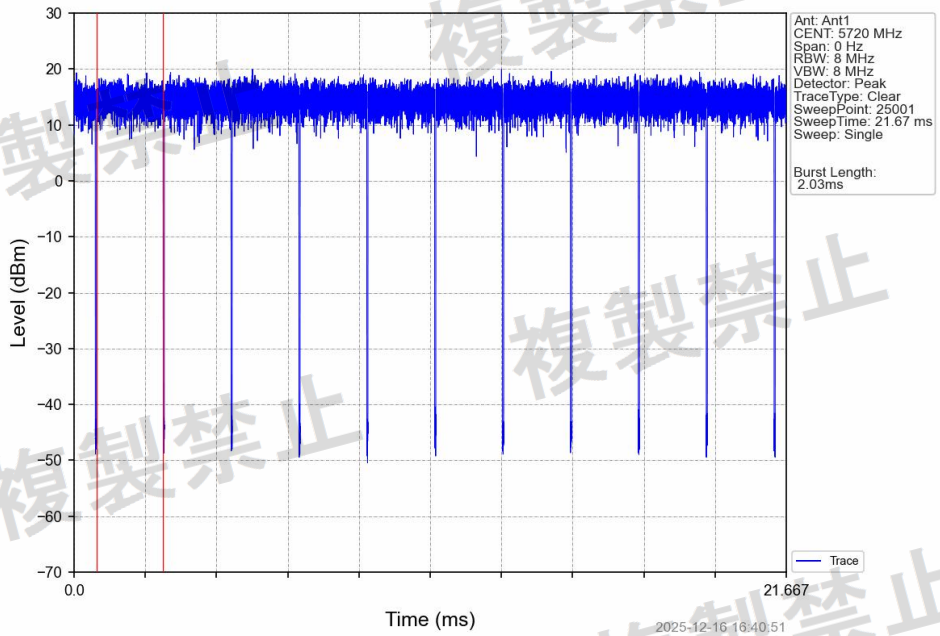
802.11a_LCH_5500MHz_Ant1_NTNV



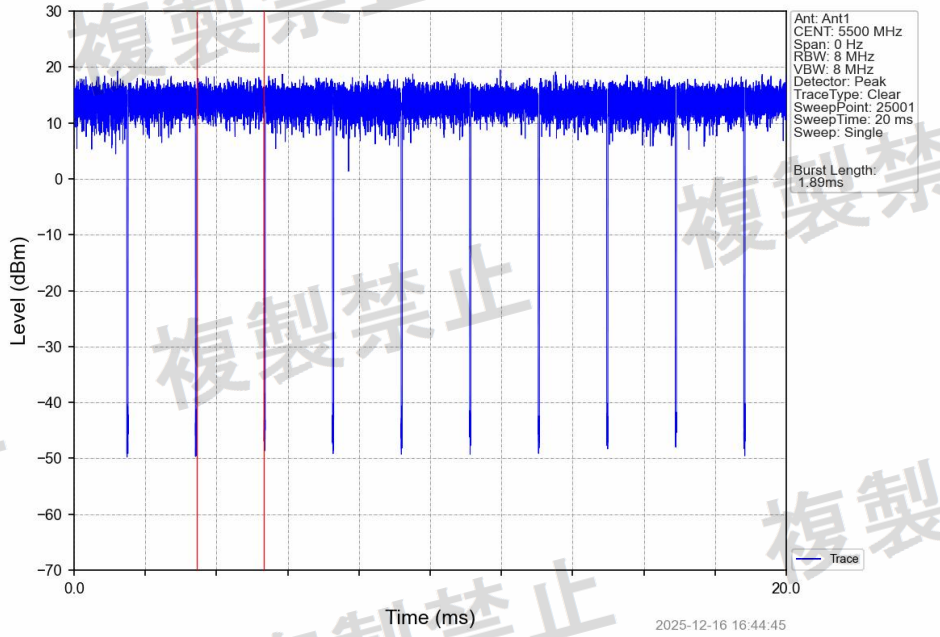
802.11a_MCH_5600MHz_Ant1_NTNV


Ant: Ant1
CENT: 5600 MHz
Span: 0 Hz
RBW: 8 MHz
VBW: 8 MHz
Detector: Peak
TraceType: Clear
SweepPoint: 25001
SweepTime: 21.67 ms
Sweep: Single
Burst Length:
2.03ms
Trace
Level (dBm)
30
20
10
0
-10
-20
-30
-40
-50
-60
-70
0.0
21.667
Time (ms)
2025-12-16 16:37:58

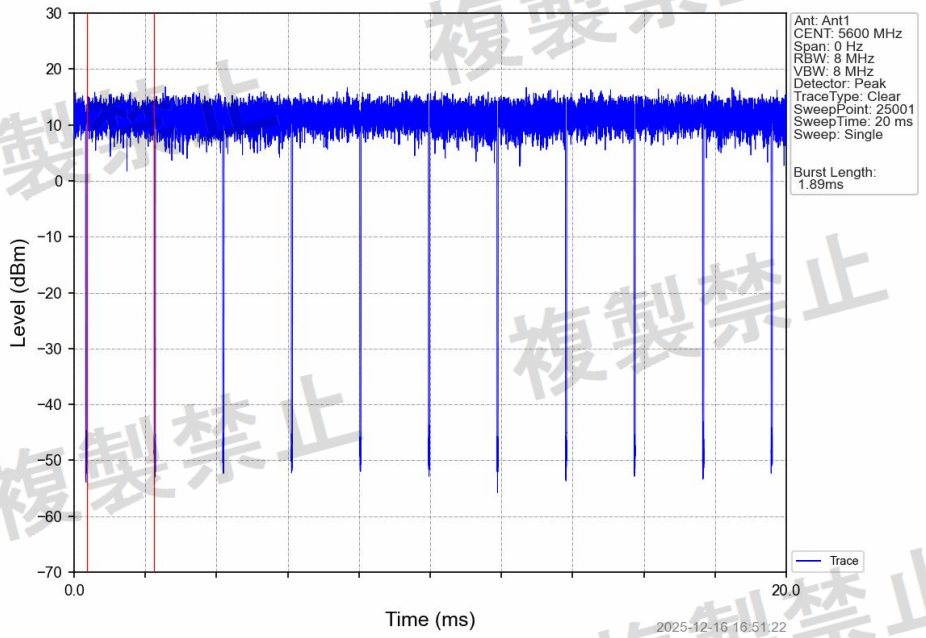
802.11a_HCH_5720MHz_Ant1_NTNV



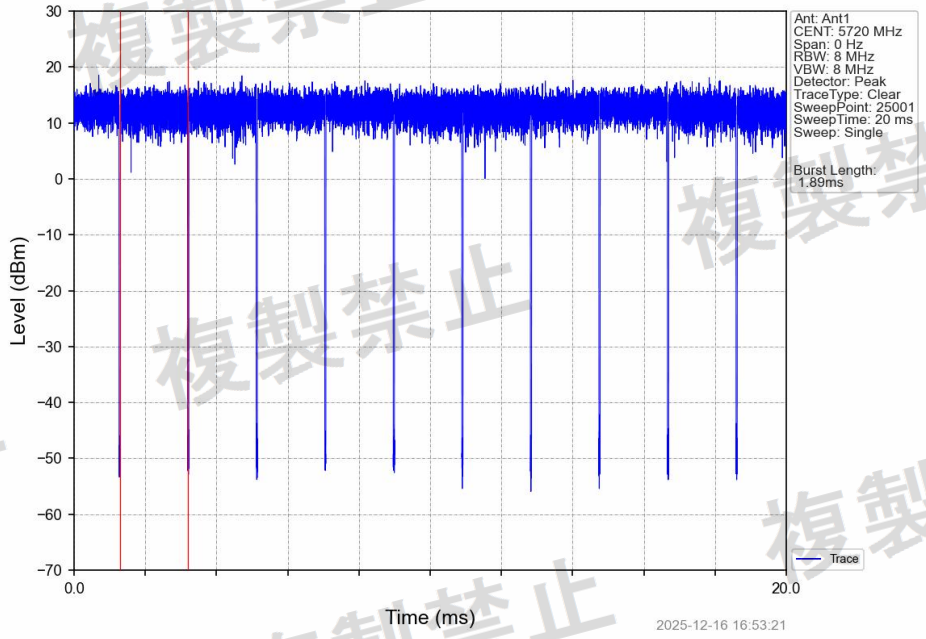
802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



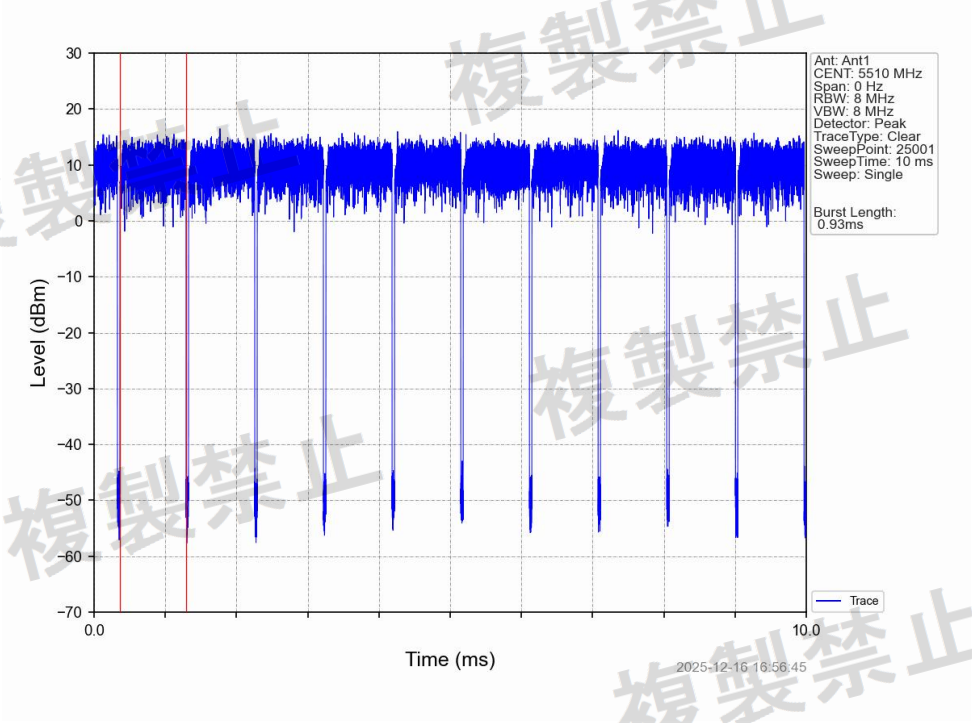
802.11n(HT20)_MCH_5600MHz_Ant1_NTNV



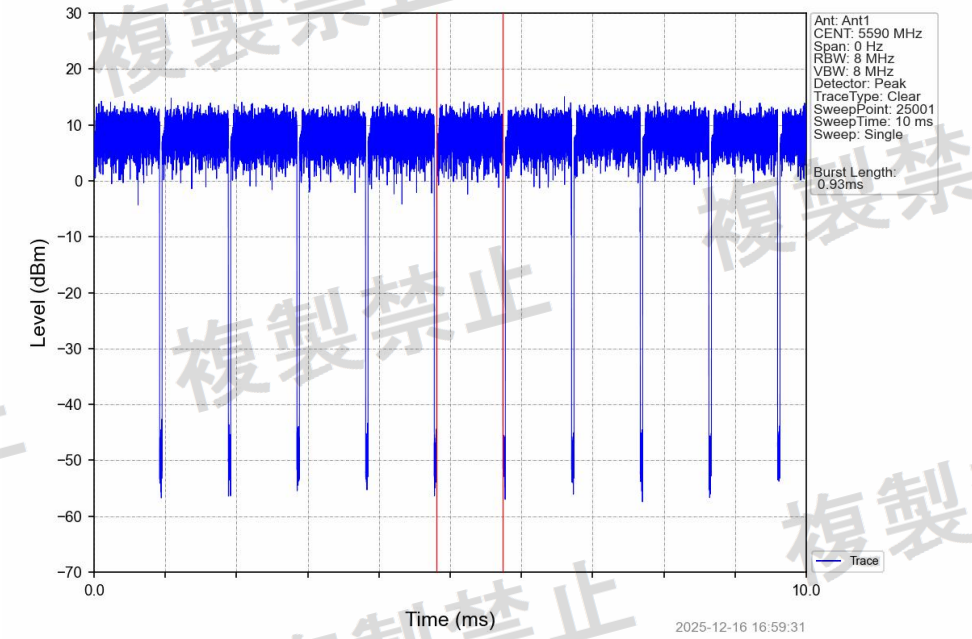
802.11n(HT20)_HCH_5720MHz_Ant1_NTNV



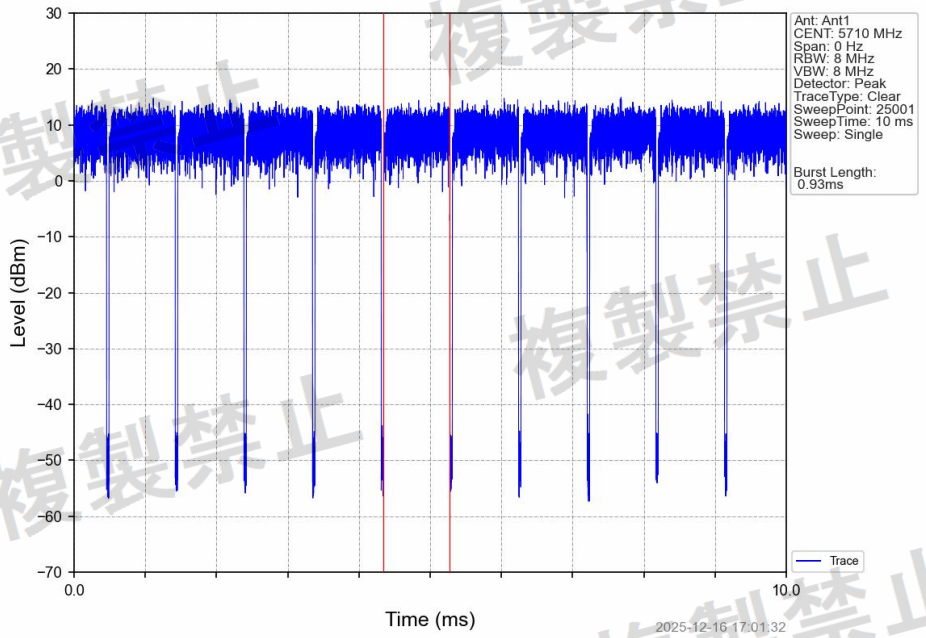
802.11n(HT40)_LCH_5510MHz_Ant1_NTNV



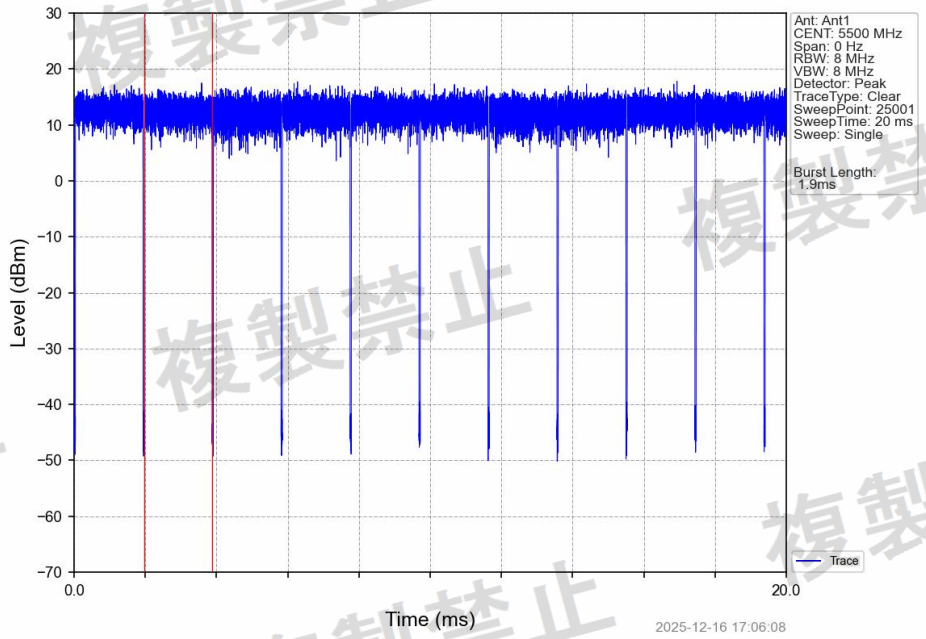
802.11n(HT40)_MCH_5590MHz_Ant1_NTNV



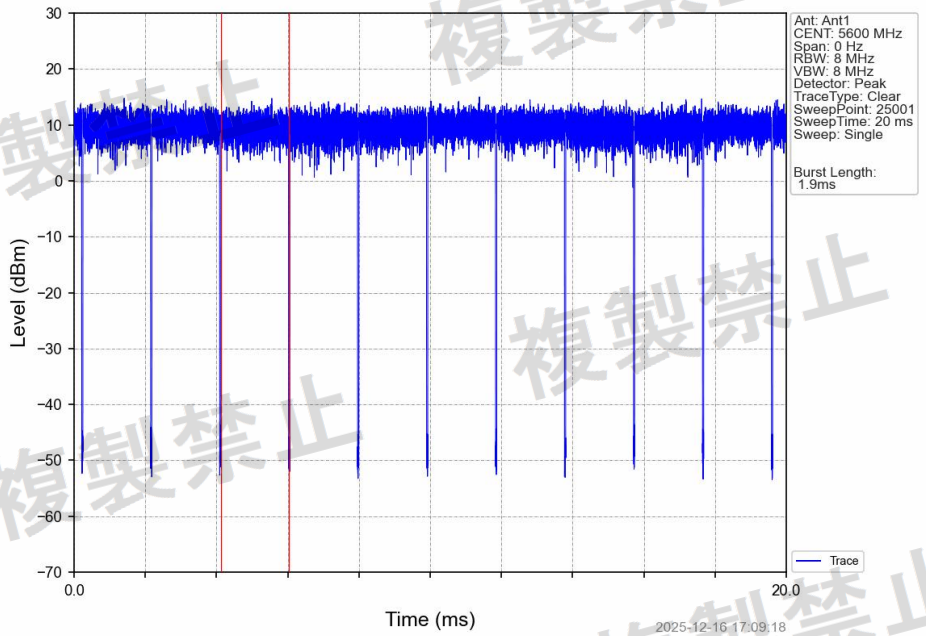
802.11n(HT40)_HCH_5710MHz_Ant1_NTNV



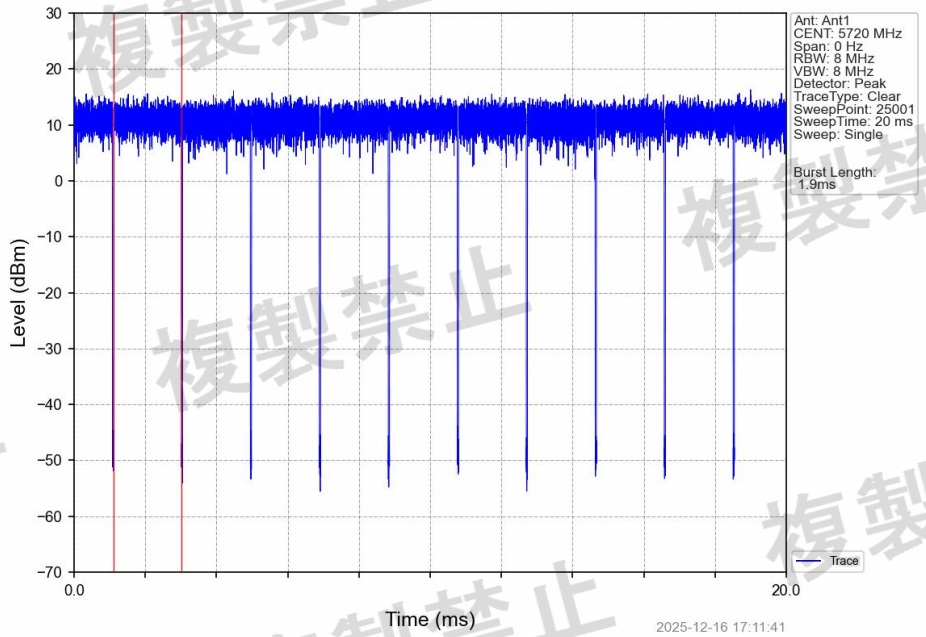
802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV



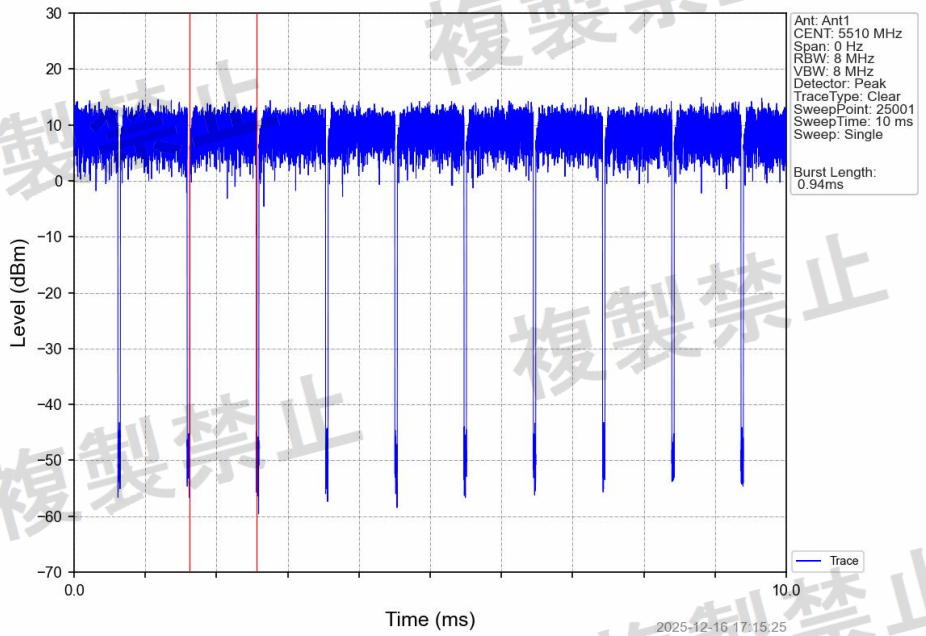
802.11ac(VHT20)_MCH_5600MHz_Ant1_NTNV



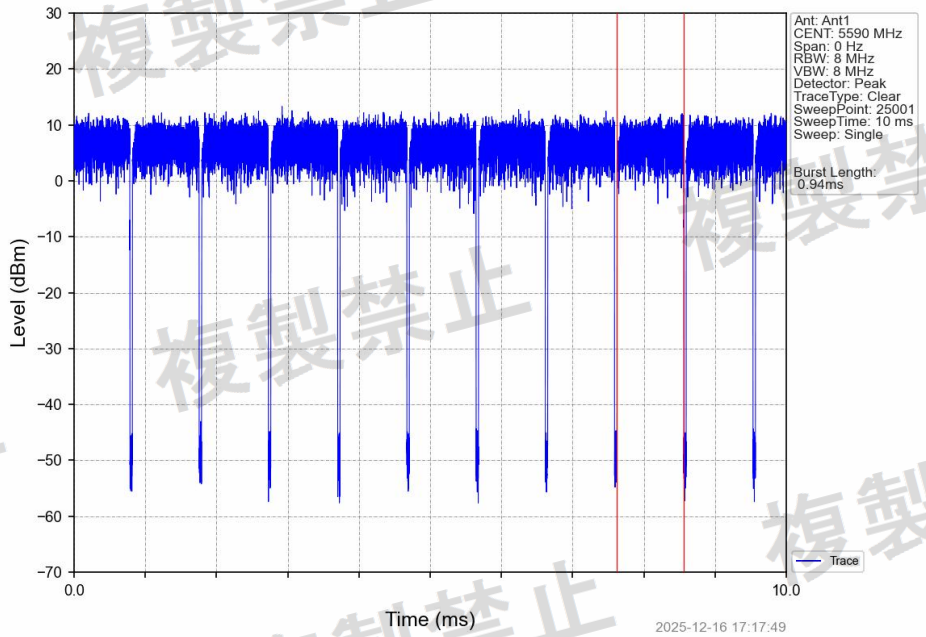
802.11ac(VHT20)_HCH_5720MHz_Ant1_NTNV



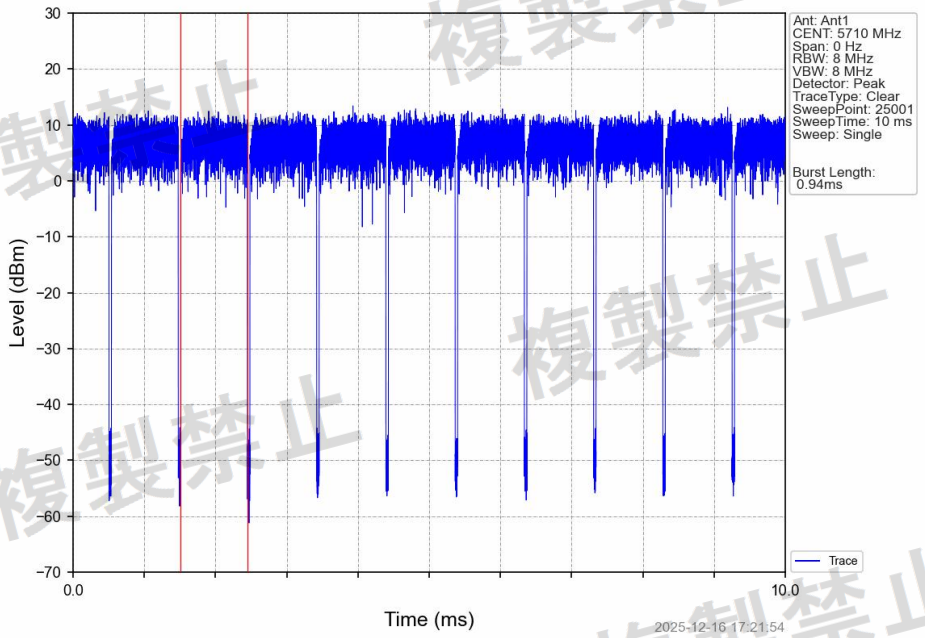
802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV



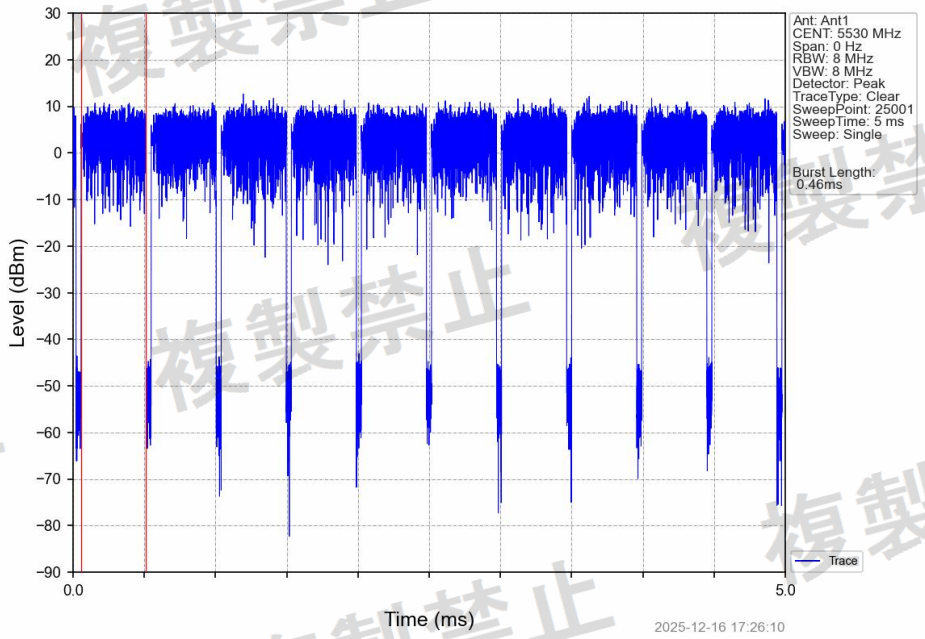
802.11ac(VHT40)_MCH_5590MHz_Ant1_NTNV



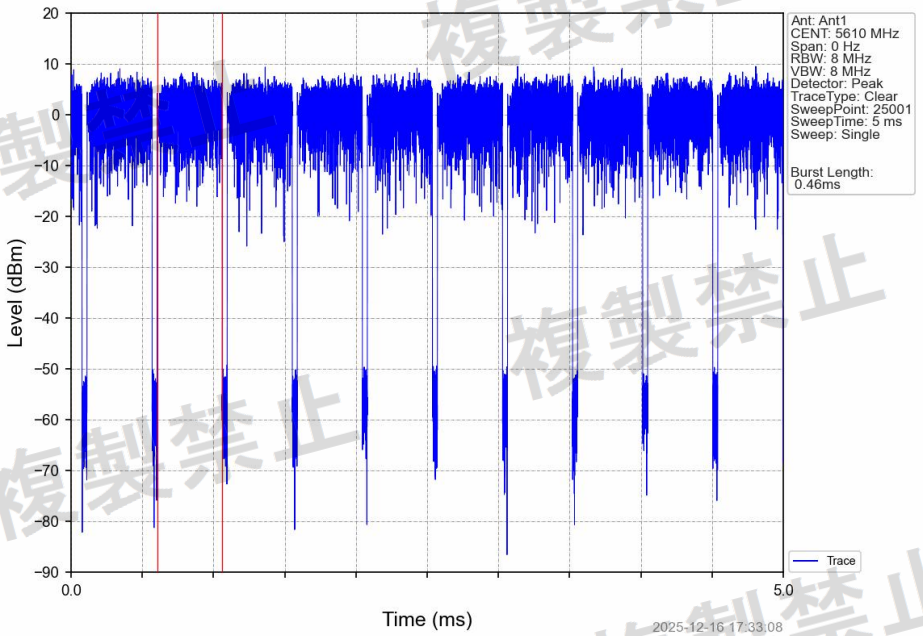
802.11ac(VHT40)_HCH_5710MHz_Ant1_NTNV



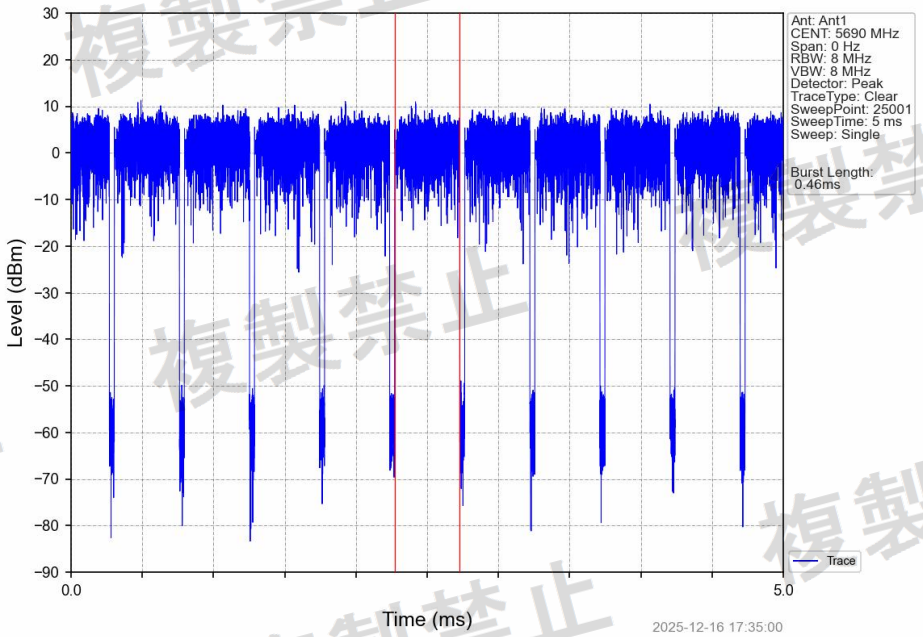
802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV



802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV



802.11ac(VHT80)_HHCH_5690MHz_Ant1_NTNV



7. Spurious Emission Intensity

7.1 Test Result

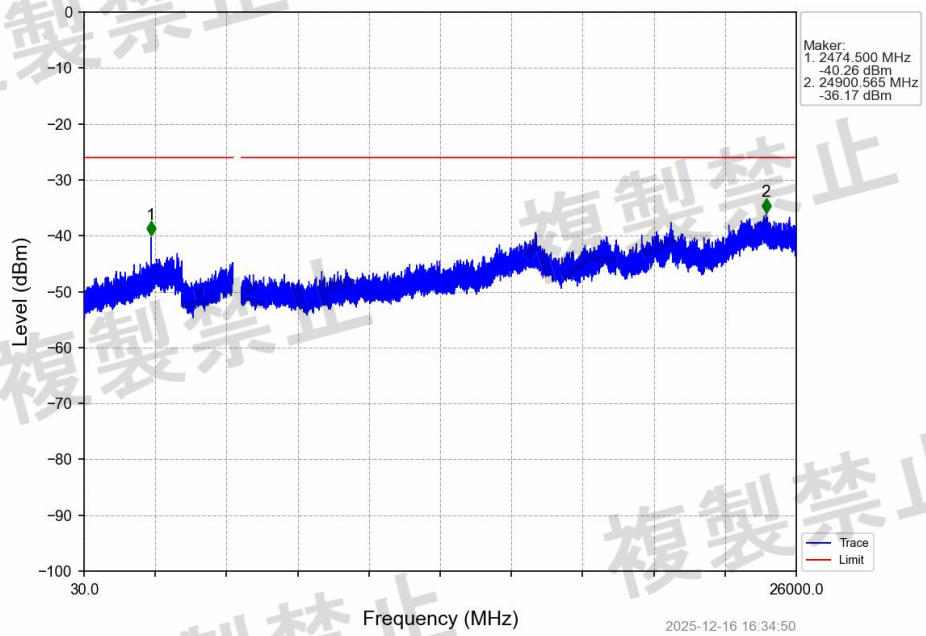
7.1.1 TxSe_NTNV_SISO

NTNV												
Mode	TX Type	Freq. (MHz)	ANT	Freq. Range		Marker					Limit (uW /MHz)	Verdict
				Start (MHz)	Stop (MHz)	Freq. (MHz)	PK EIRP (dBm /MHz)	PK EIRP (uW /MHz)	AV EIRP (dBm /MHz)	AV EIRP (uW /MHz)		
802.11a	SISO	5500	1	30	5460	2474.5	-39.36	0.116	/	/	2.5	Pass
				5765	26000	24900.565	-35.27	0.297	/	/	2.5	Pass
		5600	1	30	5460	2477	-39.44	0.114	/	/	2.5	Pass
				5765	26000	24659.094	-35.71	0.269	/	/	2.5	Pass
		5720	1	30	5460	2473	-39.37	0.116	/	/	2.5	Pass
				5765	26000	24675.957	-35.17	0.304	/	/	2.5	Pass
802.11n (HT20)	SISO	5500	1	30	5460	2471	-38.77	0.133	/	/	2.5	Pass
				5765	26000	24859.421	-35.23	0.300	/	/	2.5	Pass
		5600	1	30	5460	2473	-38.72	0.134	/	/	2.5	Pass
				5765	26000	24762.967	-39.25	0.119	/	/	2.5	Pass
		5720	1	30	5460	2470.5	-39.26	0.119	/	/	2.5	Pass
				5765	26000	24126.914	-39.33	0.117	/	/	2.5	Pass
802.11n (HT40)	SISO	5510	1	30	5460	2473.5	-38.41	0.144	/	/	12.5	Pass
				5770	26000	24741.02	-39.64	0.109	/	/	12.5	Pass
		5590	1	30	5460	2470	-39.75	0.106	/	/	12.5	Pass
				5770	26000	25724.872	-39.52	0.112	/	/	12.5	Pass
		5710	1	30	5460	2472.5	-39.11	0.123	/	/	12.5	Pass
				5770	26000	24805.756	-39.34	0.116	/	/	12.5	Pass
802.11ac (VHT20)	SISO	5500	1	30	5460	3289.5	-42.38	0.058	/	/	2.5	Pass
				5765	26000	24752.85	-34.94	0.321	/	/	2.5	Pass
		5600	1	30	5460	2472.5	-39.36	0.116	/	/	2.5	Pass
				5765	26000	24735.313	-38.82	0.131	/	/	2.5	Pass
		5720	1	30	5460	2471.5	-38.60	0.138	/	/	2.5	Pass
				5765	26000	24835.139	-39.01	0.126	/	/	2.5	Pass
802.11ac (VHT40)	SISO	5510	1	30	5460	5460	-42.95	0.051	/	/	12.5	Pass
				5770	26000	25144.945	-38.63	0.137	/	/	12.5	Pass
		5590	1	30	5460	2472	-39.02	0.125	/	/	12.5	Pass
				5770	26000	24574.459	-39.65	0.108	/	/	12.5	Pass
		5710	1	30	5460	2472.5	-37.84	0.164	/	/	12.5	Pass
				5770	26000	24763.947	-38.97	0.127	/	/	12.5	Pass
802.11ac (VHT80)	SISO	5530	1	30	5460	5460	-36.15	0.243	/	/	12.5	Pass
				5770	26000	25754.543	-38.72	0.134	/	/	12.5	Pass
		5610	1	30	5460	2471	-40.26	0.094	/	/	12.5	Pass
				5770	26000	24790.92	-44.91	0.032	/	/	12.5	Pass
		5690	1	30	5460	2471	-39.31	0.117	/	/	12.5	Pass
				5770	26000	5770.674	-37.49	0.178	/	/	12.5	Pass

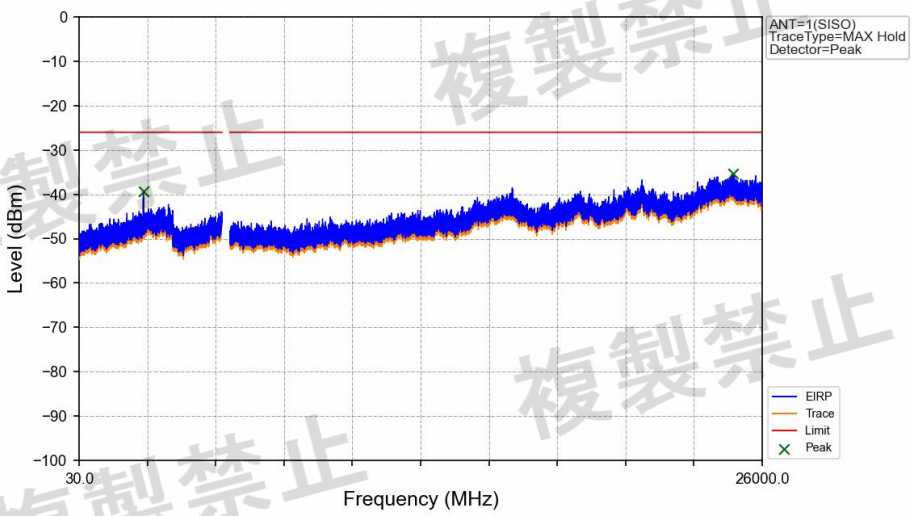
7.2 Test Graph

7.2.1 TxSe_NTNV_SISO

802.11a_LCH_5500MHz_Ant1_NTNV

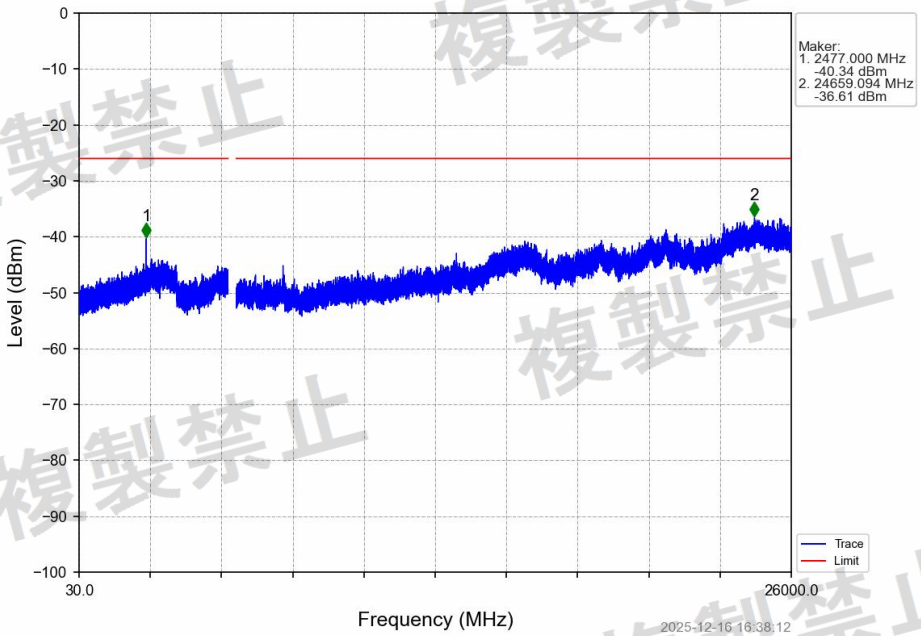


802.11a_LCH_5500MHz_Ant1_NTNV

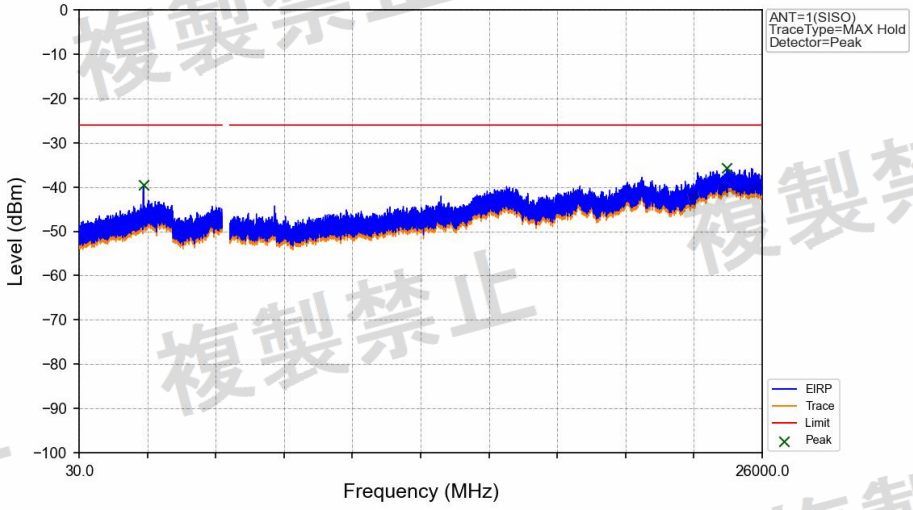


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
30	5460	1	1	2474.500	-40.26	/	0.90	-39.36	/	-26.02	Pass
5765	26000	1	1	24900.565	-36.17	/	0.90	-35.27	/	-26.02	Pass

802.11a_MCH_5600MHz_Ant1_NTNV

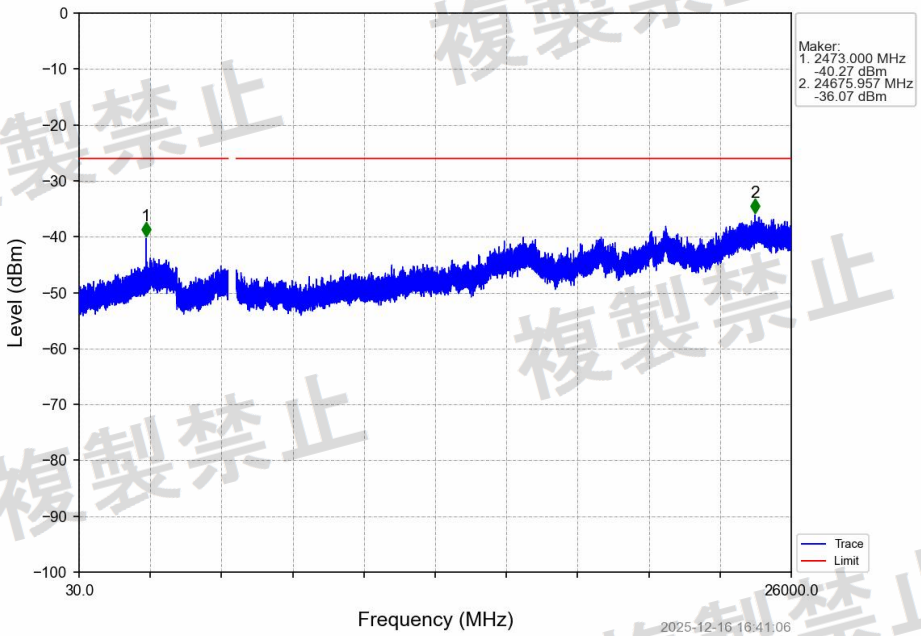


802.11a_MCH_5600MHz_Ant1_NTNV

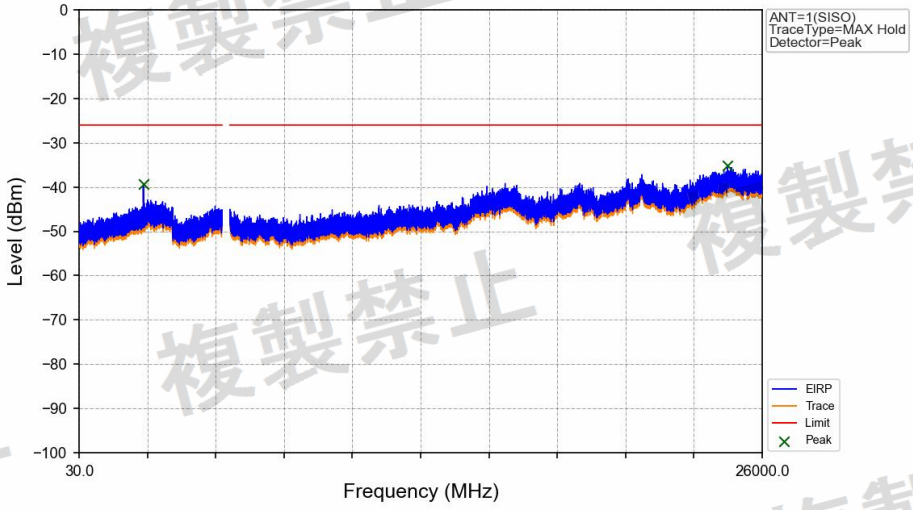


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
30	5460	1	1	2477.000	-40.34	/	0.90	-39.44	/	-26.02	Pass
5765	26000	1	1	24659.094	-36.61	/	0.90	-35.71	/	-26.02	Pass

802.11a_HCH_5720MHz_Ant1_NTNV

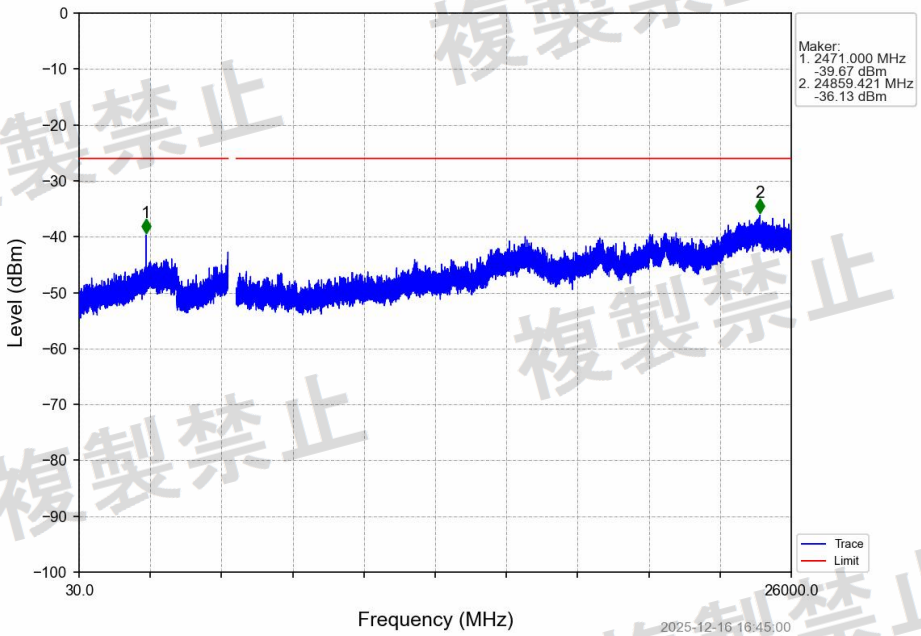


802.11a_HCH_5720MHz_Ant1_NTNV

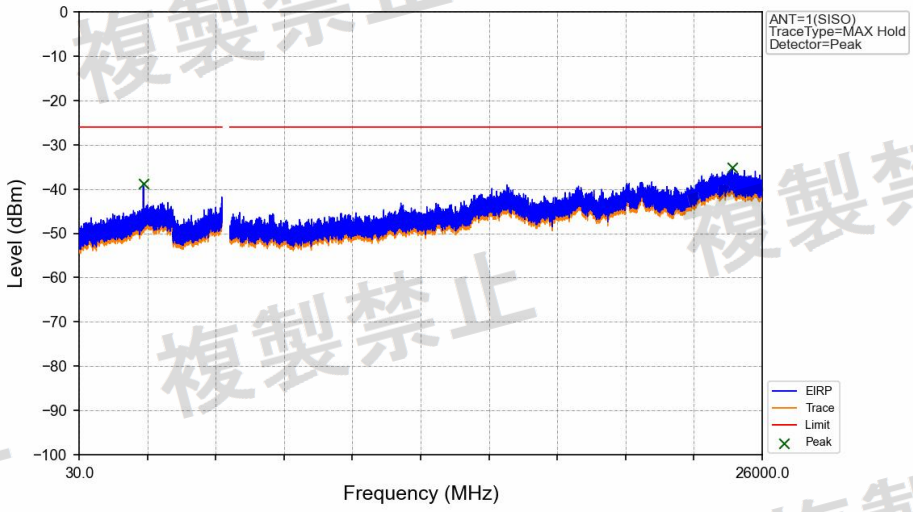


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
30	5460	1	1	2473.000	-40.27	/	0.90	-39.37	/	-26.02	Pass
5765	26000	1	1	24675.957	-36.07	/	0.90	-35.17	/	-26.02	Pass

802.11n(HT20)_LCH_5500MHz_Ant1_NTNV

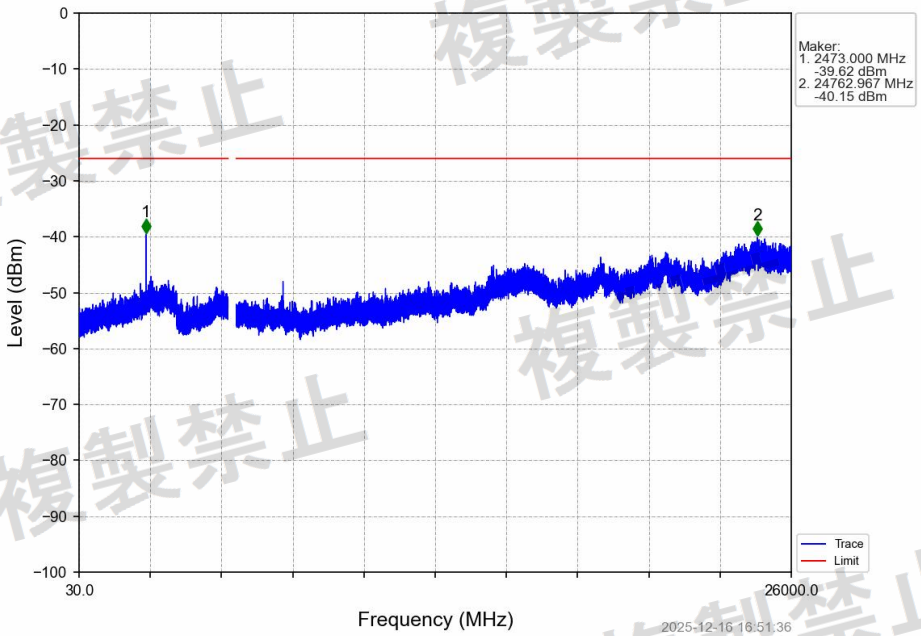


802.11n(HT20)_LCH_5500MHz_Ant1_NTNV

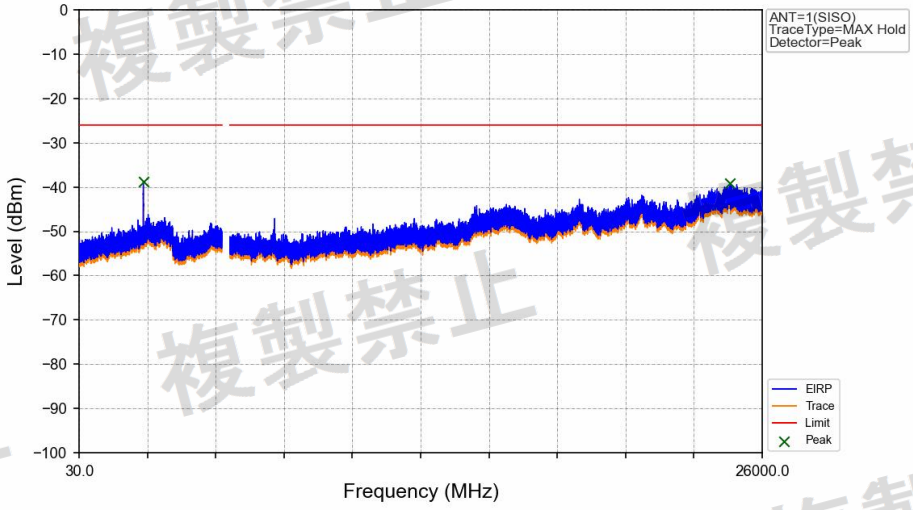


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
30	5460	1	1	2471.000	-39.67	/	0.90	-38.77	/	-26.02	Pass
5765	26000	1	1	24859.421	-36.13	/	0.90	-35.23	/	-26.02	Pass

802.11n(HT20)_MCH_5600MHz_Ant1_NTNV

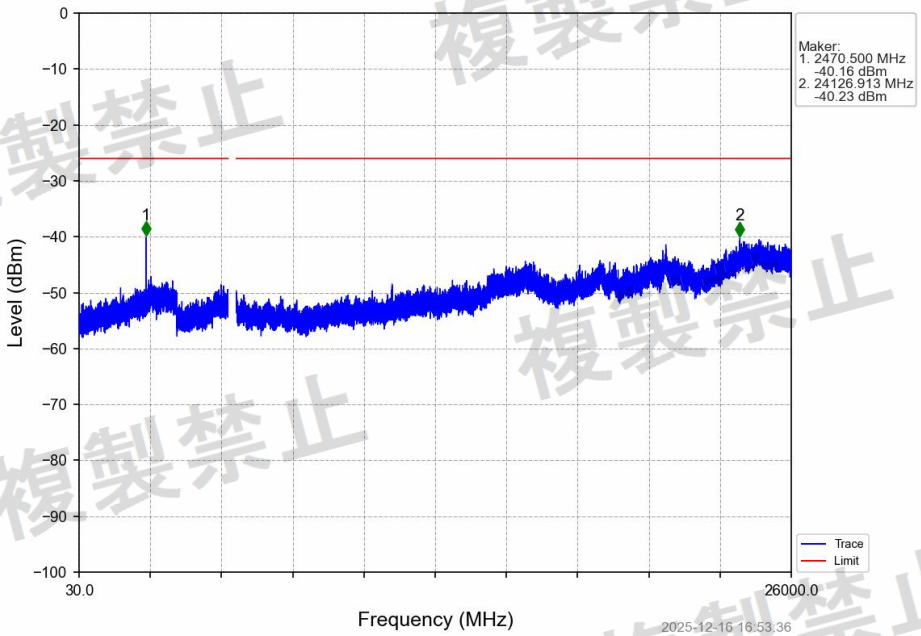


802.11n(HT20)_MCH_5600MHz_Ant1_NTNV

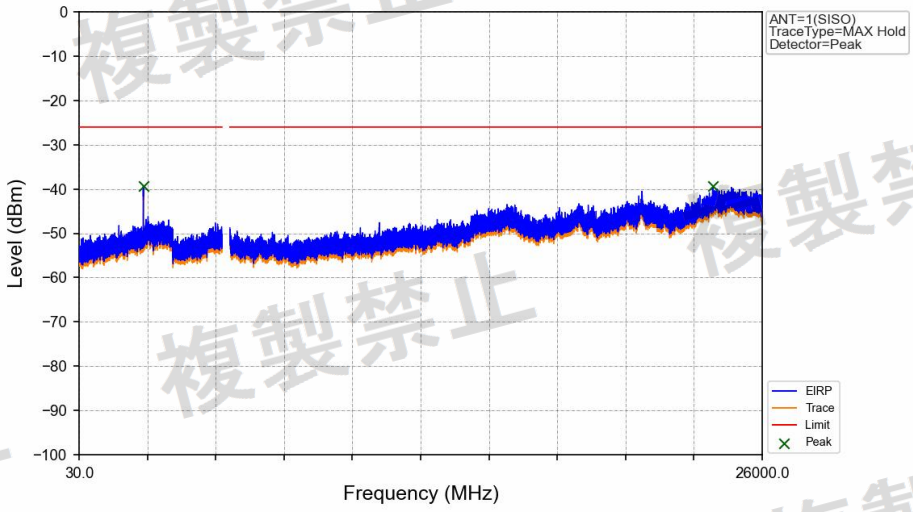


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
30	5460	1	1	2473.000	-39.62	/	0.90	-38.72	/	-26.02	Pass
5765	26000	1	1	24762.967	-40.15	/	0.90	-39.25	/	-26.02	Pass

802.11n(HT20)_HCH_5720MHz_Ant1_NTNV

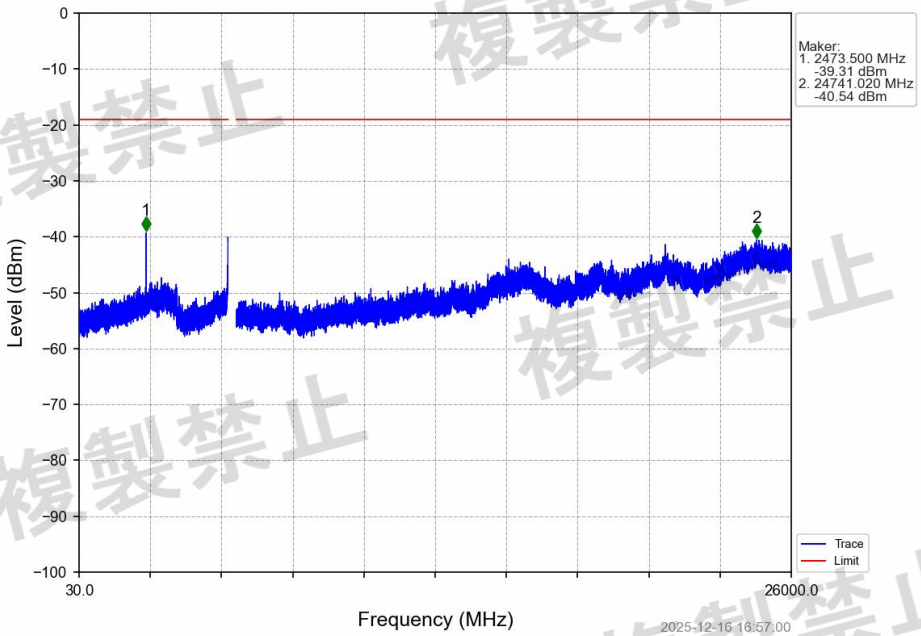


802.11n(HT20)_HCH_5720MHz_Ant1_NTNV

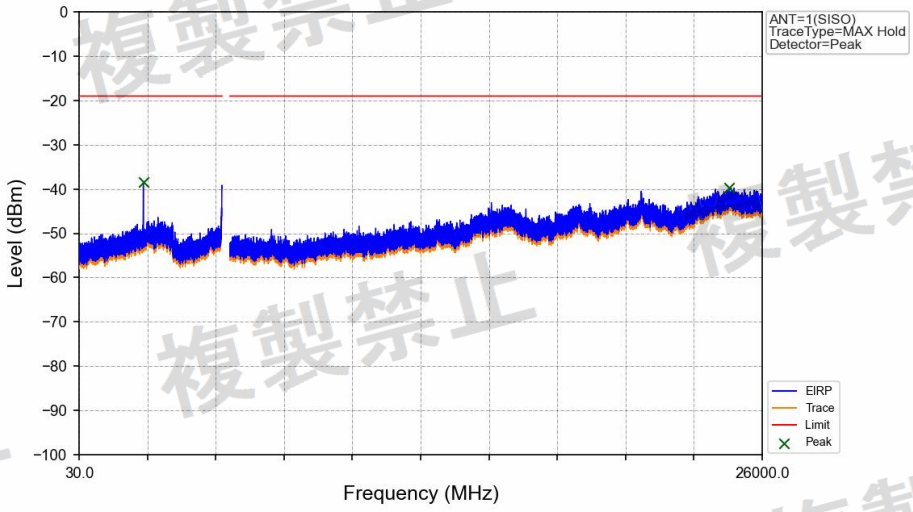


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
30	5460	1	1	2470.500	-40.16	/	0.90	-39.26	/	-26.02	Pass
5765	26000	1	1	24126.914	-40.23	/	0.90	-39.33	/	-26.02	Pass

802.11n(HT40)_LCH_5510MHz_Ant1_NTNV

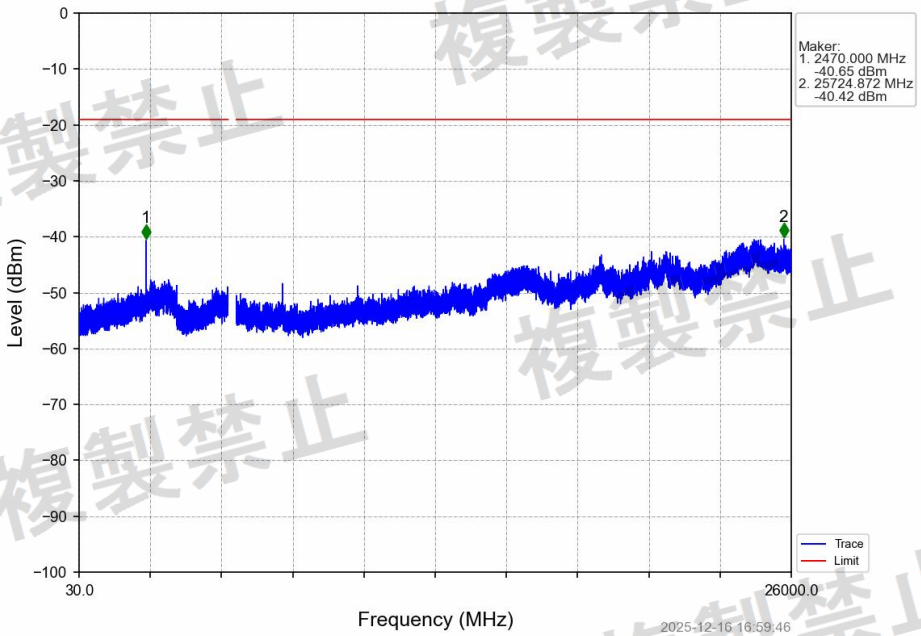


802.11n(HT40)_LCH_5510MHz_Ant1_NTNV

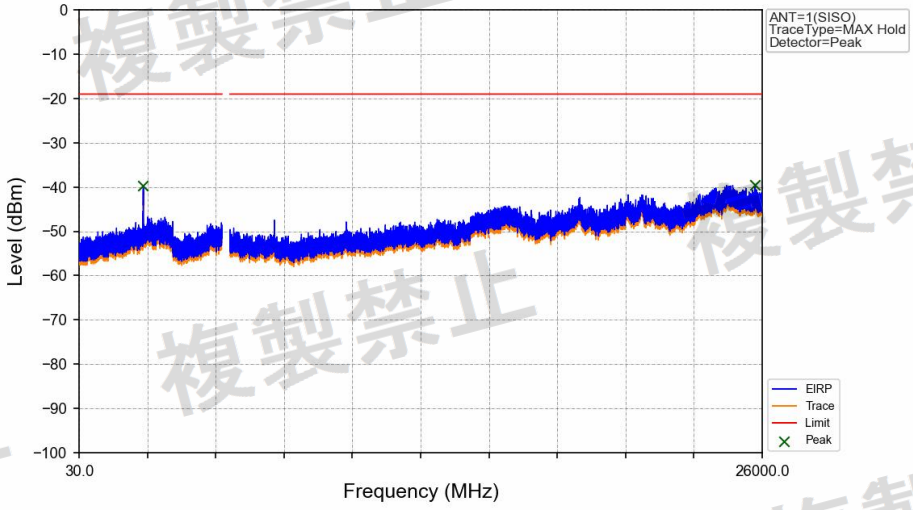


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
30	5460	1	1	2473.500	-39.31	/	0.90	-38.41	/	-19.03	Pass
5770	26000	1	1	24741.020	-40.54	/	0.90	-39.64	/	-19.03	Pass

802.11n(HT40)_MCH_5590MHz_Ant1_NTNV

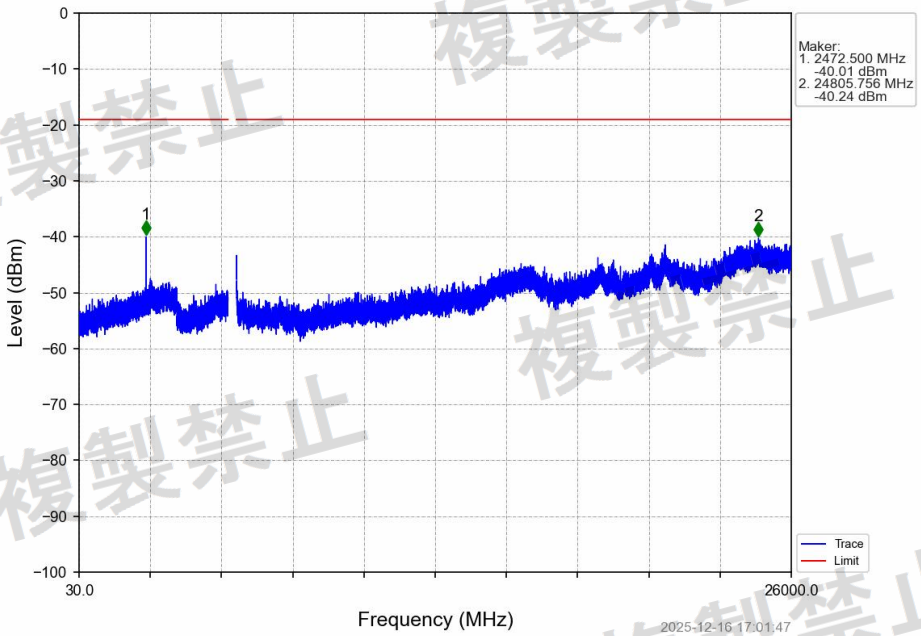


802.11n(HT40)_MCH_5590MHz_Ant1_NTNV

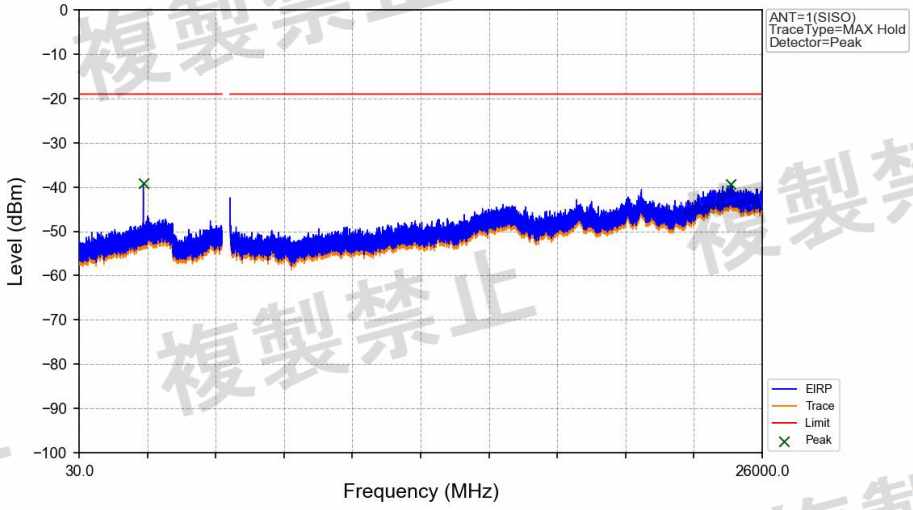


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
30	5460	1	1	2470.000	-40.65	/	0.90	-39.75	/	-19.03	Pass
5770	26000	1	1	25724.872	-40.42	/	0.90	-39.52	/	-19.03	Pass

802.11n(HT40)_HCH_5710MHz_Ant1_NTNV

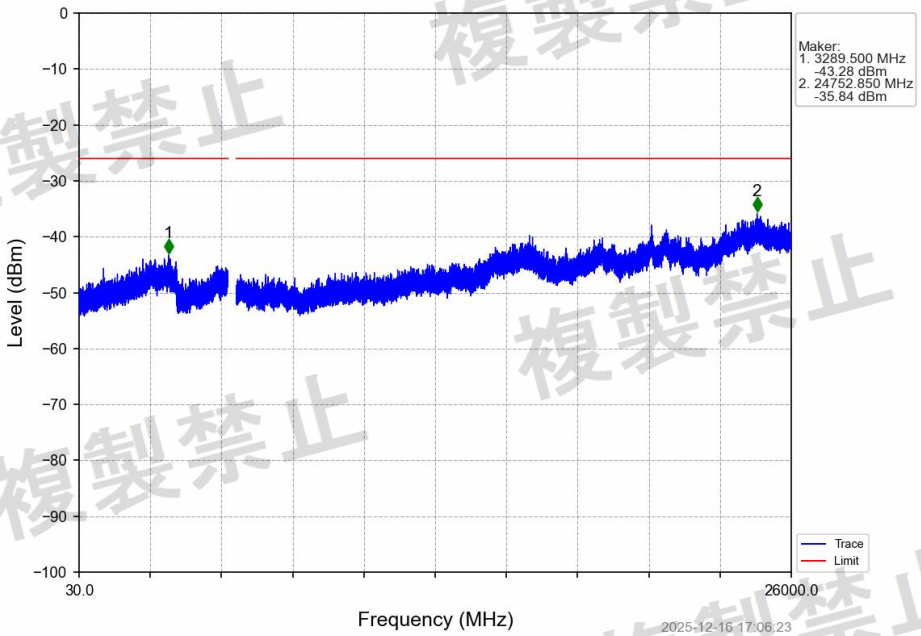


802.11n(HT40)_HCH_5710MHz_Ant1_NTNV

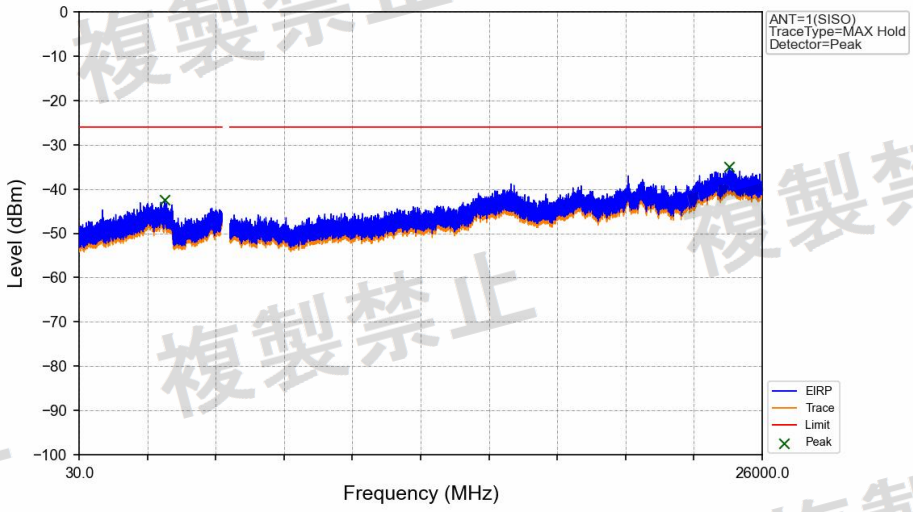


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
30	5460	1	1	2472.500	-40.01	/	0.90	-39.11	/	-19.03	Pass
5770	26000	1	1	24805.756	-40.24	/	0.90	-39.34	/	-19.03	Pass

802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV

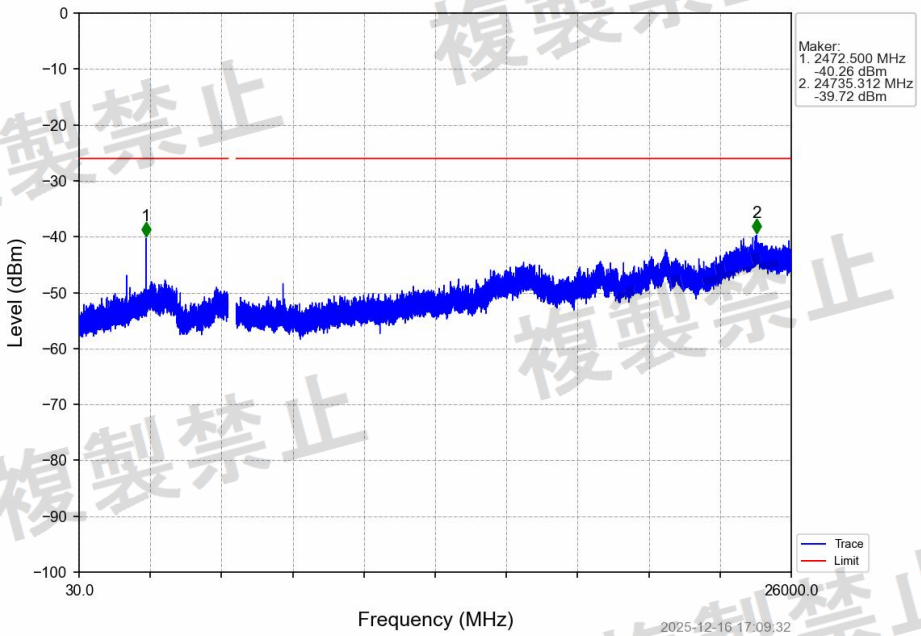


802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV

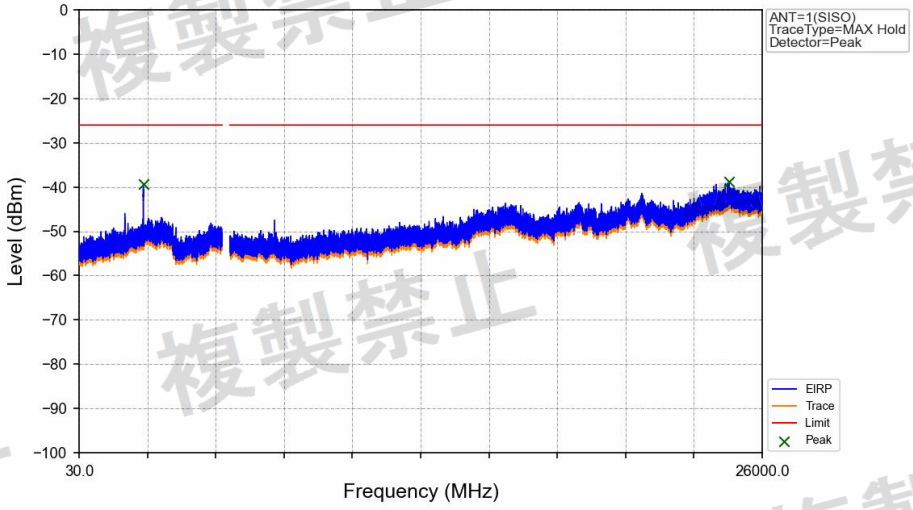


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
30	5460	1	1	3289.500	-43.28	/	0.90	-42.38	/	-26.02	Pass
5765	26000	1	1	24752.850	-35.84	/	0.90	-34.94	/	-26.02	Pass

802.11ac(VHT20)_MCH_5600MHz_Ant1_NTNV

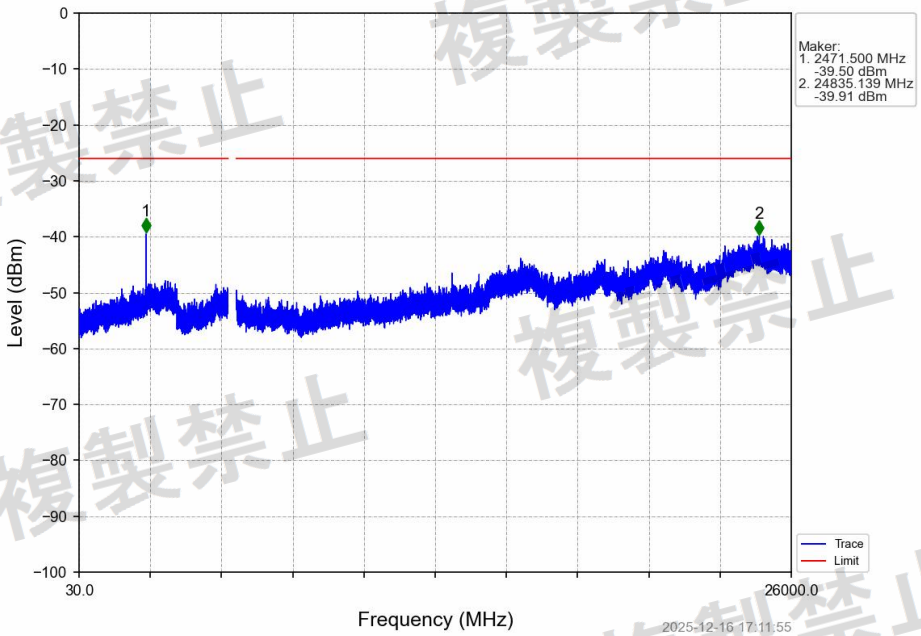


802.11ac(VHT20)_MCH_5600MHz_Ant1_NTNV

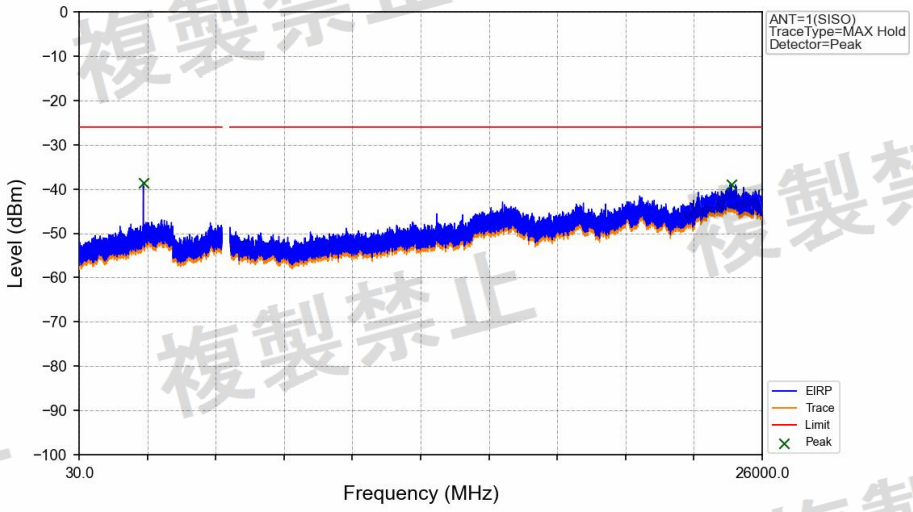


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
30	5460	1	1	2472.500	-40.26	/	0.90	-39.36	/	-26.02	Pass
5765	26000	1	1	24735.313	-39.72	/	0.90	-38.82	/	-26.02	Pass

802.11ac(VHT20)_HCH_5720MHz_Ant1_NTNV

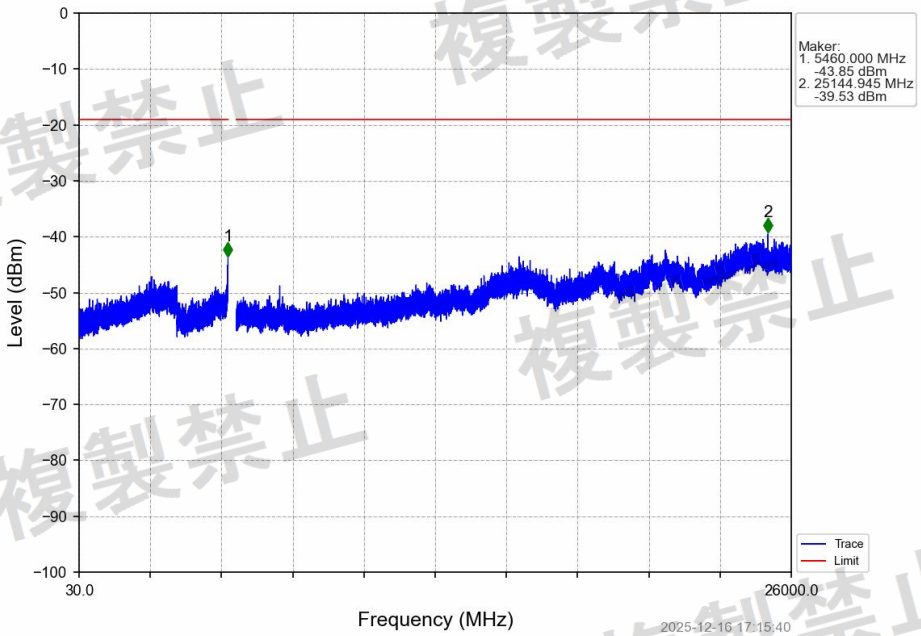


802.11ac(VHT20)_HCH_5720MHz_Ant1_NTNV

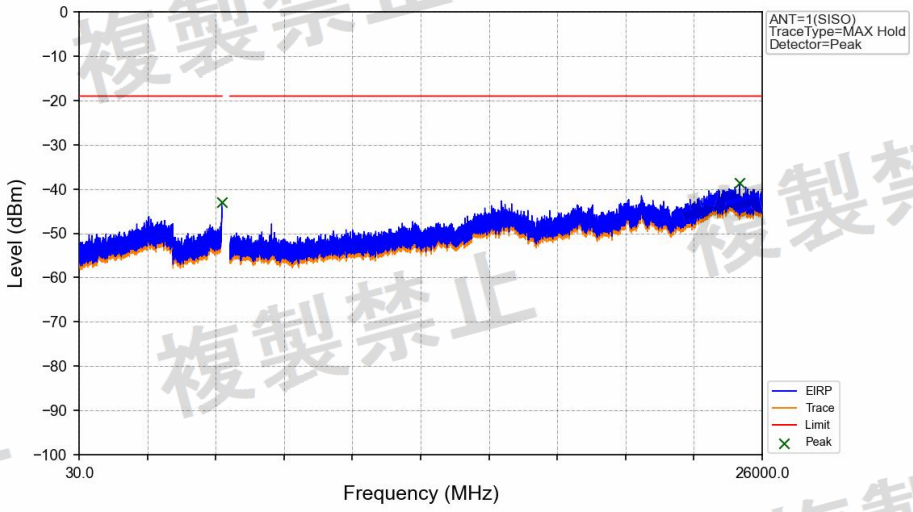


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
30	5460	1	1	2471.500	-39.50	/	0.90	-38.60	/	-26.02	Pass
5765	26000	1	1	24835.139	-39.91	/	0.90	-39.01	/	-26.02	Pass

802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV

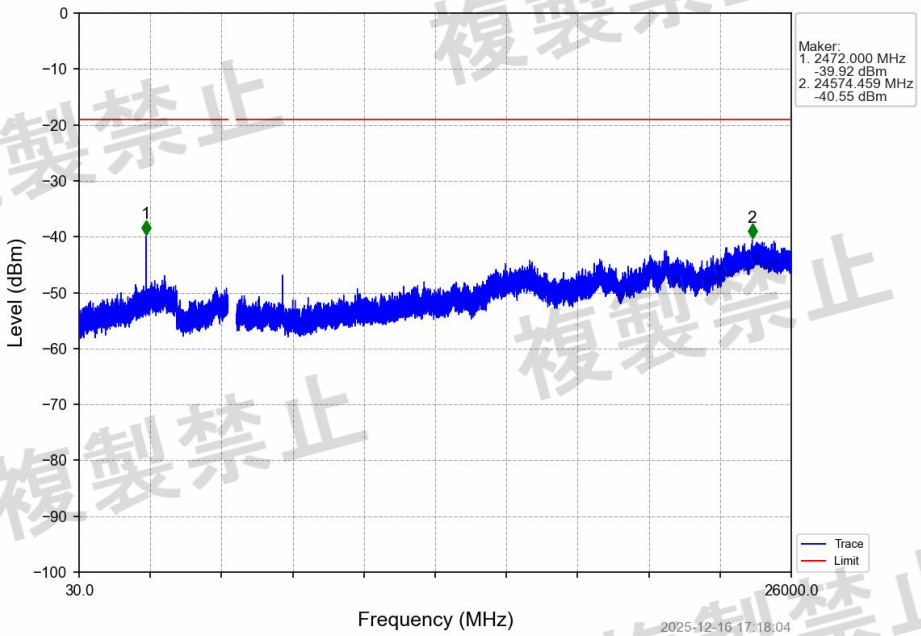


802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV

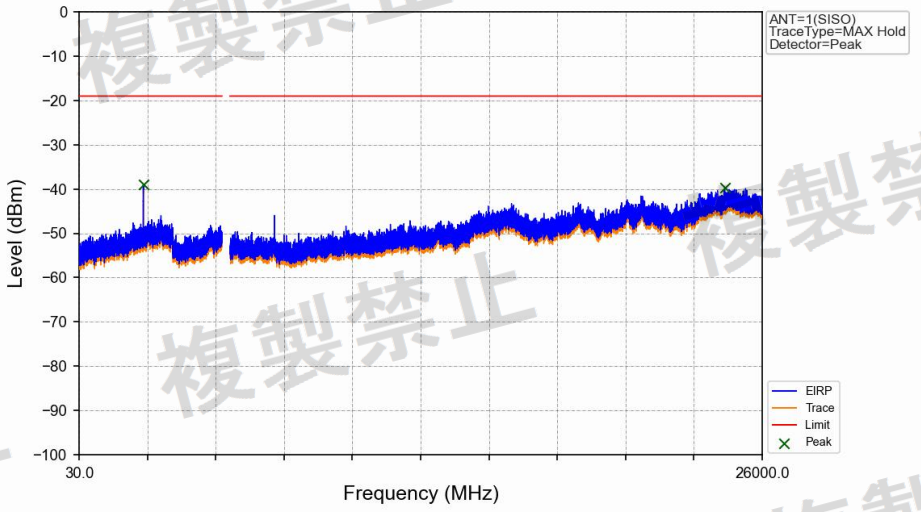


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
30	5460	1	1	5460.000	-43.85	/	0.90	-42.95	/	-19.03	Pass
5770	26000	1	1	25144.945	-39.53	/	0.90	-38.63	/	-19.03	Pass

802.11ac(VHT40)_MCH_5590MHz_Ant1_NTNV

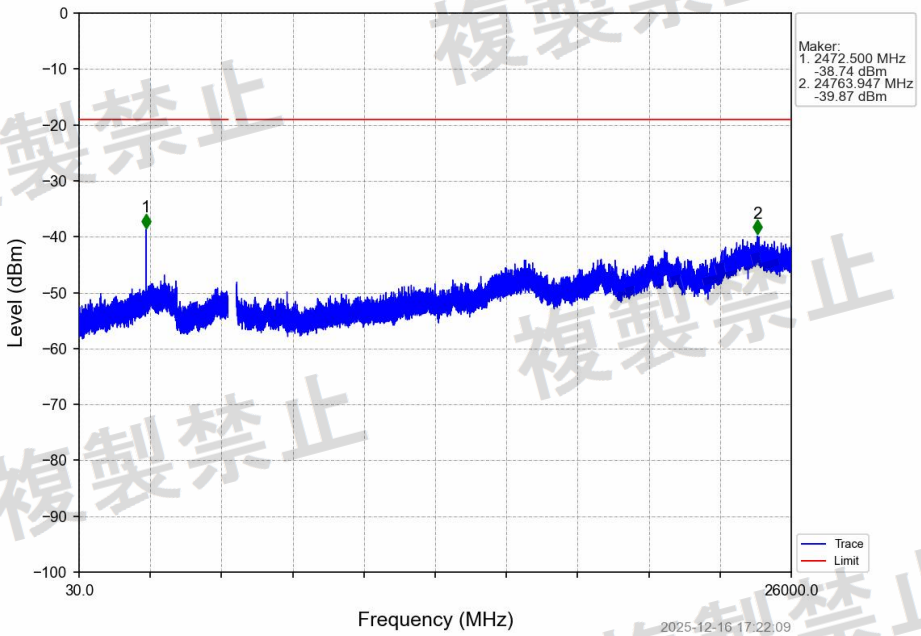


802.11ac(VHT40)_MCH_5590MHz_Ant1_NTNV

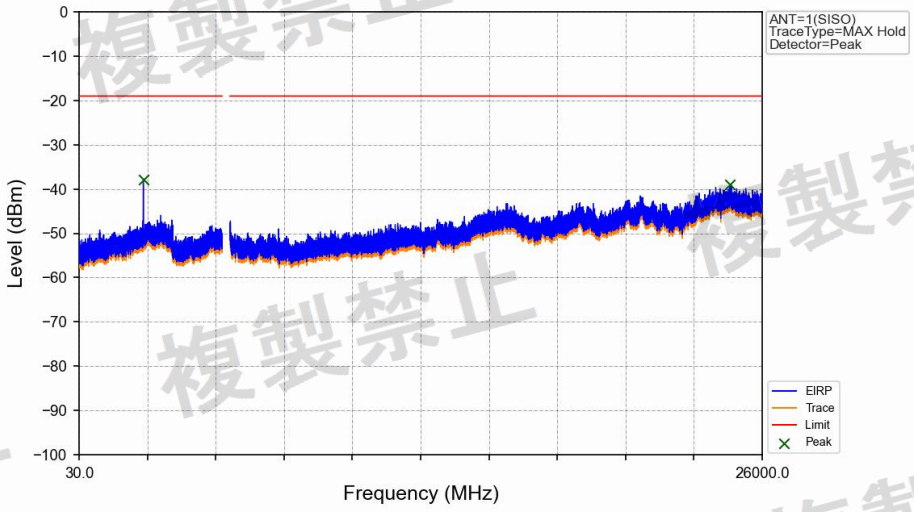


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
30	5460	1	1	2472.000	-39.92	/	0.90	-39.02	/	-19.03	Pass
5770	26000	1	1	24574.459	-40.55	/	0.90	-39.65	/	-19.03	Pass

802.11ac(VHT40)_HCH_5710MHz_Ant1_NTNV

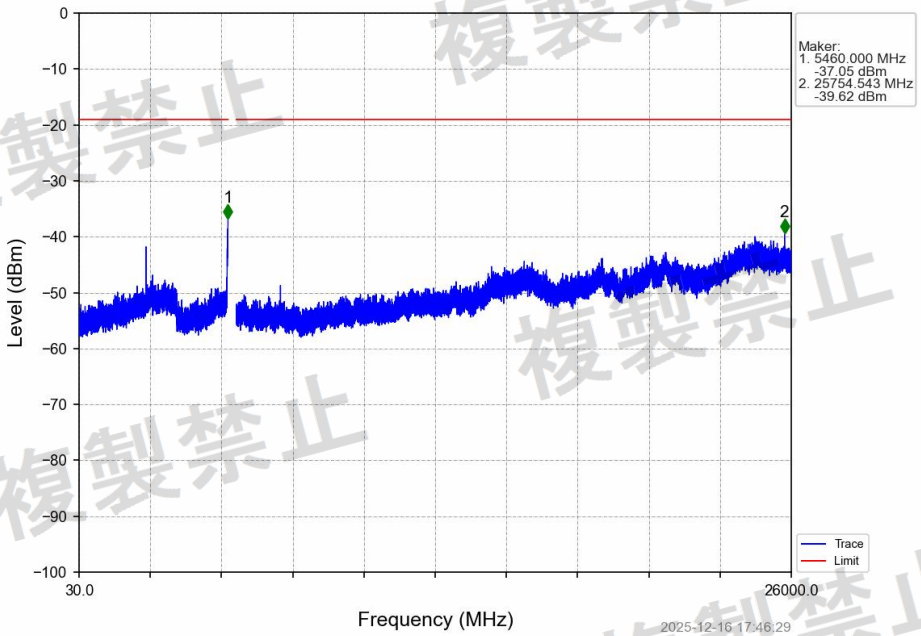


802.11ac(VHT40)_HCH_5710MHz_Ant1_NTNV

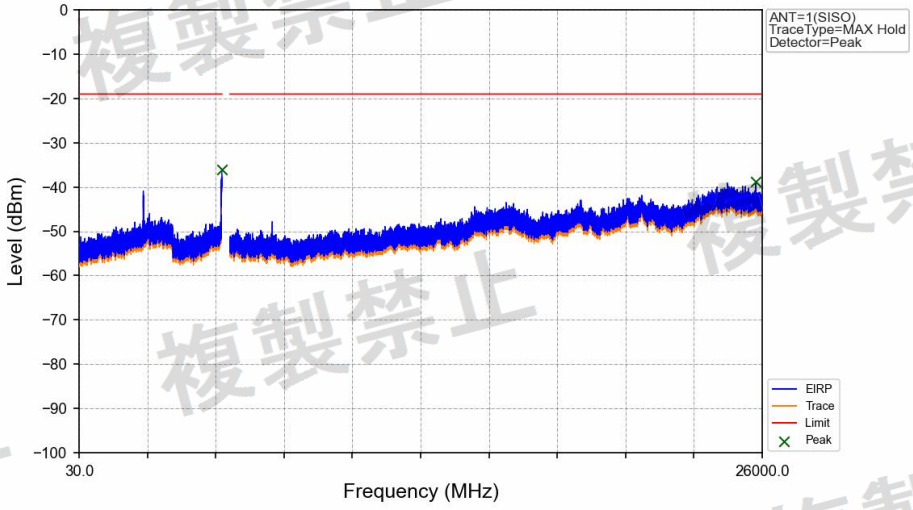


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
30	5460	1	1	2472.500	-38.74	/	0.90	-37.84	/	-19.03	Pass
5770	26000	1	1	24763.947	-39.87	/	0.90	-38.97	/	-19.03	Pass

802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV

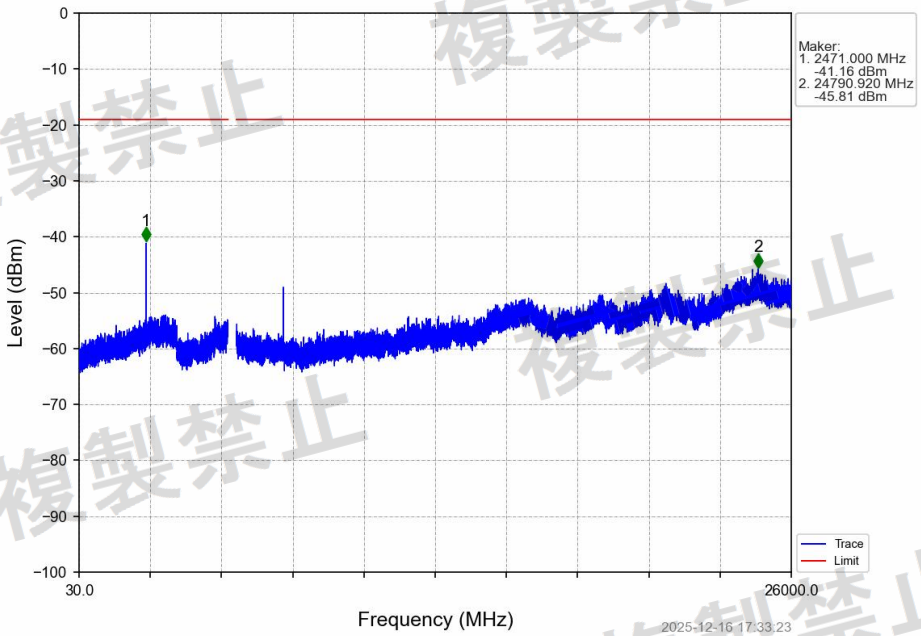


802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV

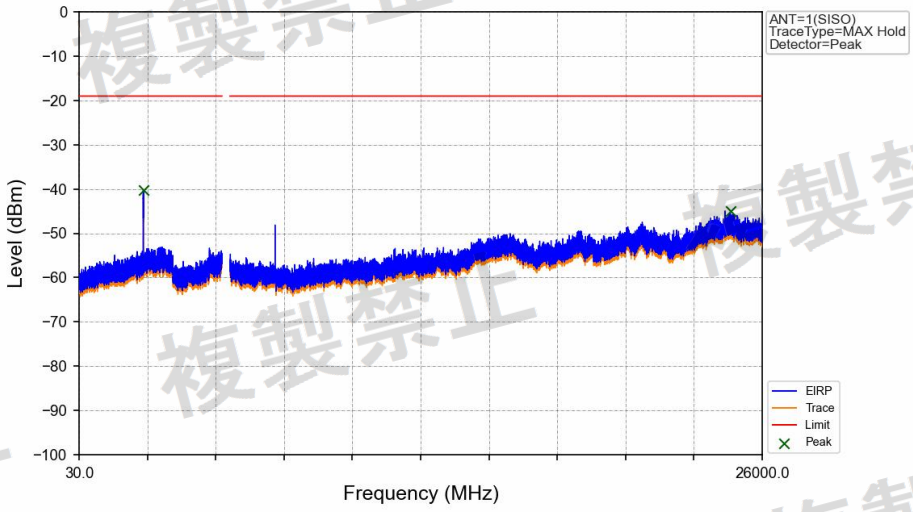


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
30	5460	1	1	5460.000	-37.05	/	0.90	-36.15	/	-19.03	Pass
5770	26000	1	1	25754.543	-39.62	/	0.90	-38.72	/	-19.03	Pass

802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV

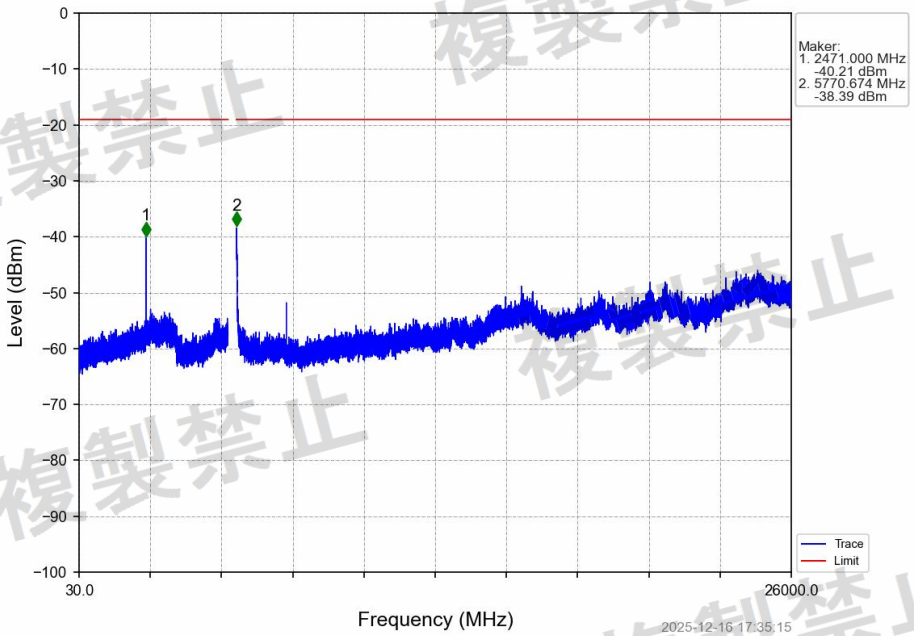


802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV

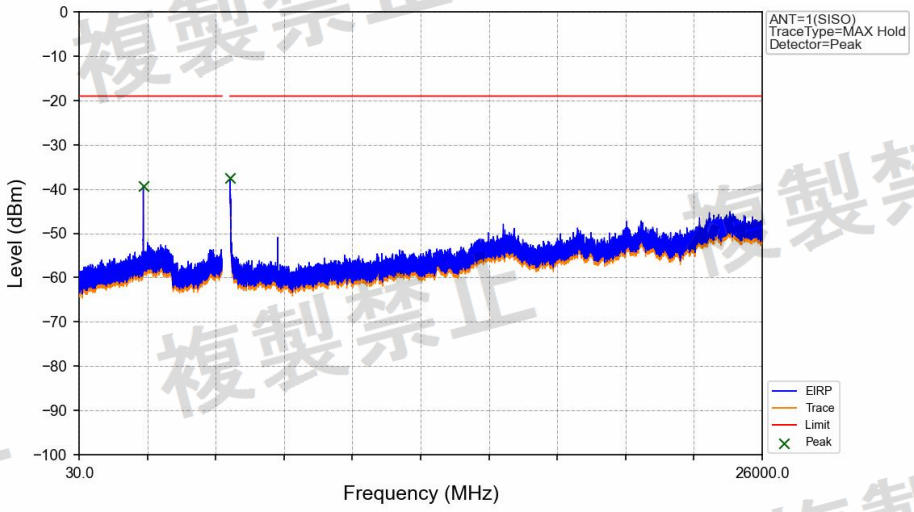


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
30	5460	1	1	2471.000	-41.16	/	0.90	-40.26	/	-19.03	Pass
5770	26000	1	1	24790.920	-45.81	/	0.90	-44.91	/	-19.03	Pass

802.11ac(VHT80)_HHCH_5690MHz_Ant1_NTNV



802.11ac(VHT80)_HHCH_5690MHz_Ant1_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
30	5460	1	1	2471.000	-40.21	/	0.90	-39.31	/	-19.03	Pass
5770	26000	1	1	5770.674	-38.39	/	0.90	-37.49	/	-19.03	Pass

8. Secondary Radiated Emission

8.1 Test Result

8.1.1 RxSe_NTNV_SISO

NTNV												
Mode	TX Type	Freq. (MHz)	ANT	Freq. Range		Marker					Limit (nW)	Verdict
				Start (MHz)	Stop (MHz)	Freq. (MHz)	PK Power (dBm)	PK Power (nW)	AV Power (dBm)	AV Power (nW)		
802.11a	SISO	5500	1	30	1000	956.8	-76.44	0.023	/	/	4	Pass
				1000	26500	24759.2	-55.98	2.523	-66.76	0.211	20	Pass
						24829.75	-56.45	2.265	-66.96	0.201	20	Pass
						24890.1	-56.76	2.109	-67.13	0.194	20	Pass
						26272.2	-55.74	2.667	-66.45	0.226	20	Pass
						26347	-56.29	2.350	-67.38	0.183	20	Pass
		5600	1	30	1000	943.2	-76.52	0.022	/	/	4	Pass
				1000	26500	24658.9	-56.81	2.084	-67.34	0.185	20	Pass
						24813.6	-55.92	2.559	-66.86	0.206	20	Pass
						26091.15	-56.41	2.286	-67.29	0.187	20	Pass
						26177.85	-56.15	2.427	-66.47	0.225	20	Pass
						26284.95	-56.62	2.178	-66.57	0.220	20	Pass
		5720	1	30	1000	805.35	-76.39	0.023	/	/	4	Pass
				1000	26500	24312.95	-56.99	2.000	-67.65	0.172	20	Pass
						24709.05	-56.50	2.239	-66.97	0.201	20	Pass
						26189.75	-56.36	2.312	-66.34	0.232	20	Pass
						26298.55	-56.37	2.307	-66.65	0.216	20	Pass
						26395.45	-56.95	2.018	-67.68	0.171	20	Pass
802.11n (HT20)	SISO	5500	1	30	1000	921.9	-76.93	0.020	/	/	4	Pass
				1000	26500	24585.8	-56.58	2.198	-67.52	0.177	20	Pass
						24695.45	-56.52	2.228	-67.08	0.196	20	Pass
						26164.25	-55.96	2.535	-66.56	0.221	20	Pass
						26259.45	-55.57	2.773	-66.42	0.228	20	Pass
						26331.7	-55.30	2.951	-67.10	0.195	20	Pass
		5600	1	30	1000	718.3	-76.30	0.023	/	/	4	Pass
				1000	26500	2474.75	-56.19	2.404	-68.71	0.135	20	Pass
						24861.2	-56.96	2.014	-67.00	0.200	20	Pass
						26147.25	-56.83	2.075	-66.68	0.215	20	Pass
						26220.35	-56.86	2.061	-66.33	0.233	20	Pass
						26341.9	-56.67	2.153	-67.24	0.189	20	Pass
		5720	1	30	1000	839.15	-76.31	0.023	/	/	4	Pass
				1000	26500	2473.9	-56.58	2.198	-60.43	0.906	20	Pass
						24550.95	-56.80	2.089	-67.46	0.179	20	Pass
						24820.4	-56.58	2.198	-66.86	0.206	20	Pass
						25650.85	-56.80	2.089	-68.00	0.158	20	Pass
						26276.45	-55.98	2.523	-66.33	0.233	20	Pass
802.11n (HT40)	SISO	5510	1	30	1000	848.45	-76.72	0.021	/	/	4	Pass
				1000	26500	2473.9	-56.32	2.333	-76.36	0.023	20	Pass
						24261.95	-56.81	2.084	-67.64	0.172	20	Pass
						25249.65	-56.79	2.094	-68.04	0.157	20	Pass

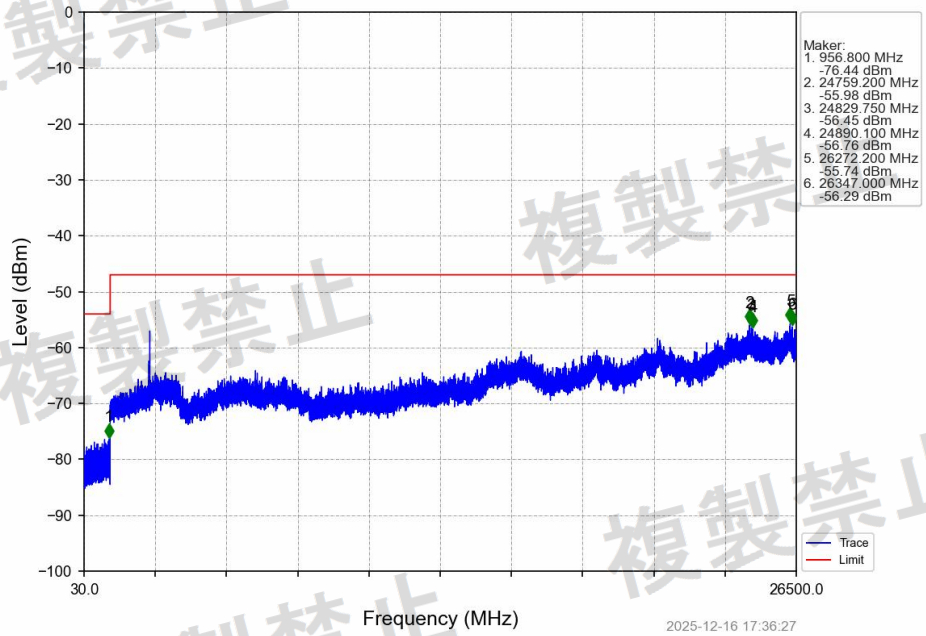
						26144.7	-56.99	2.000	-66.70	0.214	20	Pass
						26296	-55.48	2.831	-66.71	0.213	20	Pass
		5590	1	30	1000	795.1	-76.50	0.022	/	/	4	Pass
				1000	26500	24063.9	-56.66	2.158	-67.98	0.159	20	Pass
						24571.35	-56.62	2.178	-67.51	0.177	20	Pass
						24837.4	-56.18	2.410	-66.90	0.204	20	Pass
						26160	-55.88	2.582	-66.60	0.219	20	Pass
						26341.05	-56.49	2.244	-67.23	0.189	20	Pass
		5710	1	30	1000	952.85	-75.58	0.028	/	/	4	Pass
				1000	26500	1776.05	-49.10	12.303	-77.86	0.016	20	Pass
						2473.9	-56.17	2.415	-68.43	0.144	20	Pass
						24845.05	-55.11	3.083	-66.87	0.206	20	Pass
						25051.6	-56.68	2.148	-67.81	0.166	20	Pass
						26259.45	-55.93	2.553	-66.25	0.237	20	Pass
802.11ac (VHT20)	SISO	5500	1	30	1000	868.5	-76.64	0.022	/	/	4	Pass
				1000	26500	2475.6	-56.73	2.123	-76.39	0.023	20	Pass
						24901.15	-56.54	2.218	-67.17	0.192	20	Pass
						26201.65	-55.88	2.582	-66.40	0.229	20	Pass
						26273.05	-56.68	2.148	-66.47	0.225	20	Pass
						26461.75	-56.09	2.460	-67.65	0.172	20	Pass
		5600	1	30	1000	916.95	-76.89	0.020	/	/	4	Pass
				1000	26500	24626.6	-56.44	2.270	-67.52	0.177	20	Pass
						25712.05	-56.46	2.259	-67.65	0.172	20	Pass
						26166.8	-56.28	2.355	-66.58	0.220	20	Pass
						26321.5	-56.55	2.213	-66.92	0.203	20	Pass
		5720	1	30	1000	771.35	-76.12	0.024	/	/	4	Pass
				1000	26500	24839.1	-55.65	2.723	-66.89	0.205	20	Pass
						24918.15	-56.64	2.168	-67.12	0.194	20	Pass
						25772.4	-56.62	2.178	-67.51	0.177	20	Pass
						26145.55	-55.36	2.911	-66.67	0.215	20	Pass
						26256.9	-55.57	2.773	-66.26	0.237	20	Pass
802.11ac (VHT40)	SISO	5510	1	30	1000	553.65	-75.79	0.026	/	/	4	Pass
				1000	26500	24704.8	-55.93	2.553	-67.10	0.195	20	Pass
						26147.25	-56.02	2.500	-66.69	0.214	20	Pass
						26397.15	-56.38	2.301	-67.79	0.166	20	Pass
		5590	1	30	1000	956.95	-76.47	0.023	/	/	4	Pass
				1000	26500	2473.9	-56.98	2.004	-76.37	0.023	20	Pass
						24816.15	-56.44	2.270	-66.89	0.205	20	Pass
						25375.45	-56.86	2.061	-67.70	0.170	20	Pass
						26216.1	-56.16	2.421	-66.30	0.234	20	Pass
						26479.6	-56.89	2.046	-67.49	0.178	20	Pass
		5710	1	30	1000	520.65	-76.62	0.022	/	/	4	Pass
				1000	26500	24040.95	-56.77	2.104	-67.99	0.159	20	Pass
						24915.6	-56.71	2.133	-67.22	0.190	20	Pass
						25419.65	-56.31	2.339	-67.95	0.160	20	Pass
						26251.8	-54.85	3.273	-66.25	0.237	20	Pass
802.11ac (VHT80)	SISO	5530	1	30	1000	422.95	-75.53	0.028	/	/	4	Pass
				1000	26500	24142.1	-56.80	2.089	-67.89	0.163	20	Pass
						24741.35	-56.79	2.094	-66.82	0.208	20	Pass
						25236.05	-56.90	2.042	-68.08	0.156	20	Pass
						26182.1	-56.25	2.371	-66.46	0.226	20	Pass
						26492.35	-56.88	2.051	-67.26	0.188	20	Pass
		5610	1	30	1000	828.8	-76.68	0.021	/	/	4	Pass
				1000	26500	26221.2	-55.90	2.570	-66.19	0.240	20	Pass

		5690	1	30	1000	907.55	-76.71	0.021	/	/	4	Pass
				1000	26500	24964.9	-56.63	2.173	-67.39	0.182	20	Pass
						26239.05	-55.73	2.673	-66.15	0.243	20	Pass

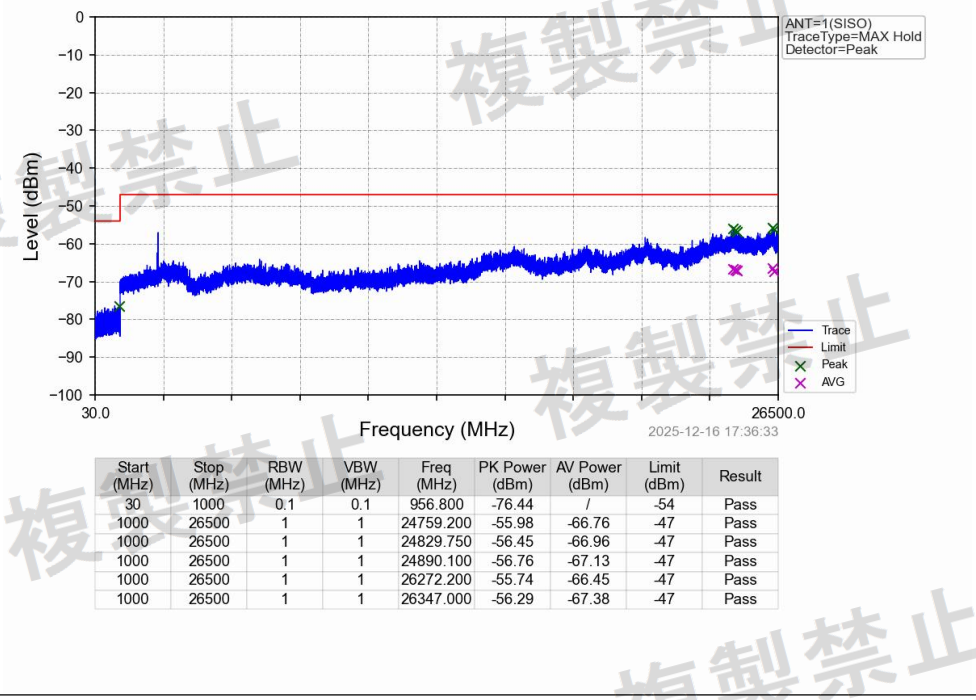
8.2 Test Graph

8.2.1 RxSe_NTNV_SISO

802.11a_LCH_5500MHz_Ant1_NTNV

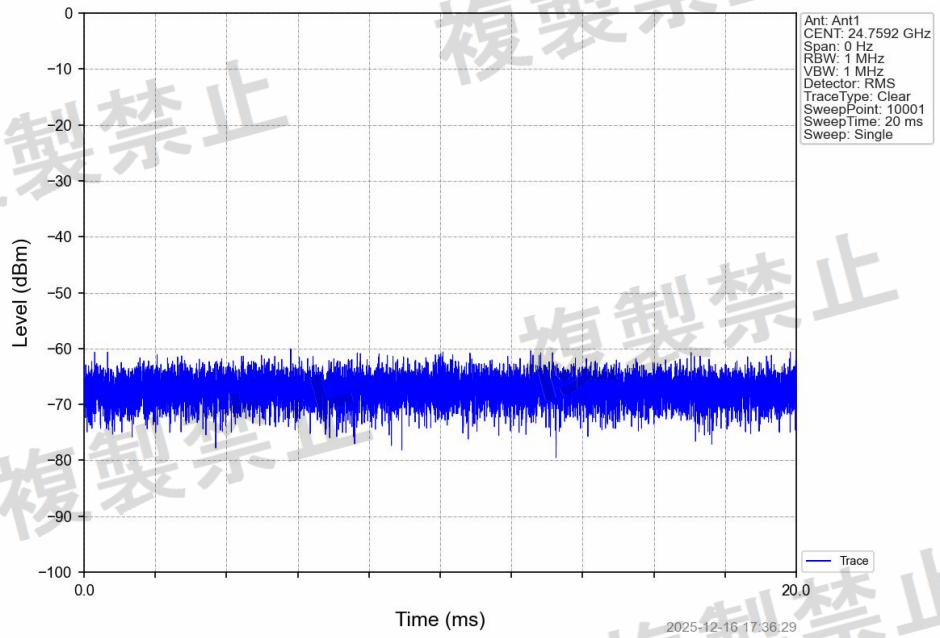


802.11a_LCH_5500MHz_Ant1_NTNV

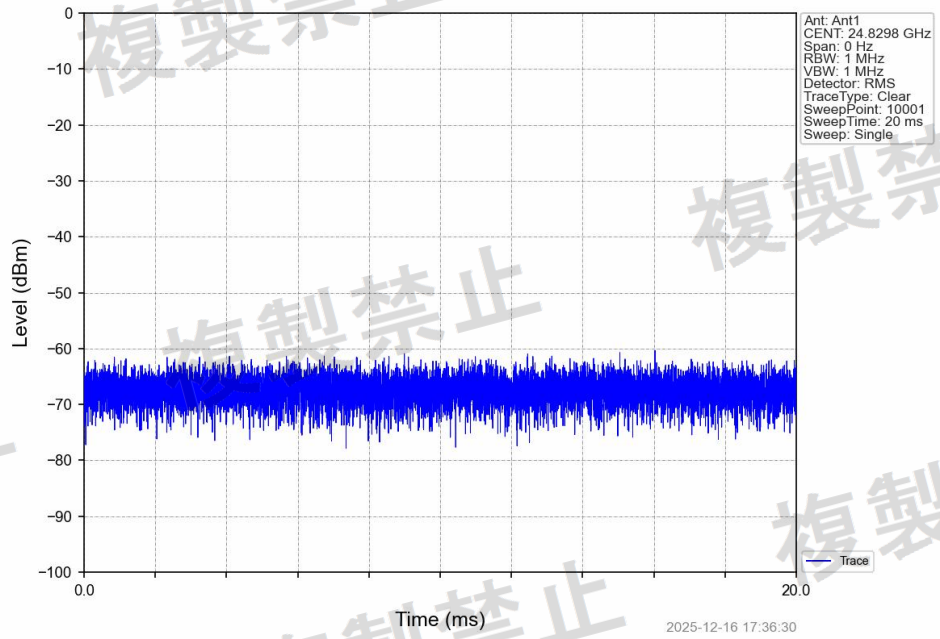


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	1000	0.1	0.1	956.800	-76.44	/	-54	Pass
1000	26500	1	1	24759.200	-55.98	-66.76	-47	Pass
1000	26500	1	1	24829.750	-56.45	-66.96	-47	Pass
1000	26500	1	1	24890.100	-56.76	-67.13	-47	Pass
1000	26500	1	1	26272.200	-55.74	-66.45	-47	Pass
1000	26500	1	1	26347.000	-56.29	-67.38	-47	Pass

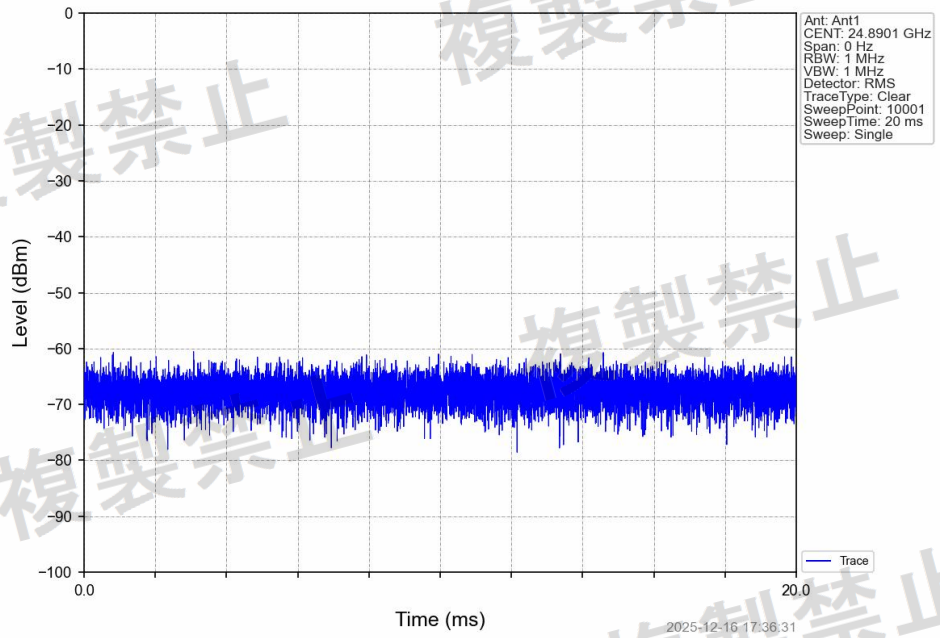
802.11a_LCH_5500MHz_Ant1_NTNV



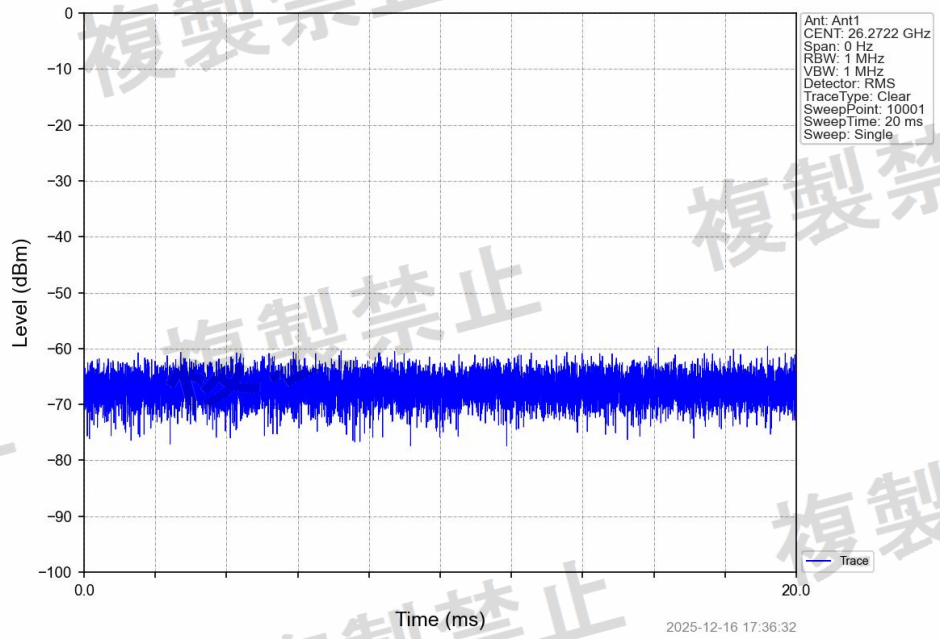
802.11a_LCH_5500MHz_Ant1_NTNV



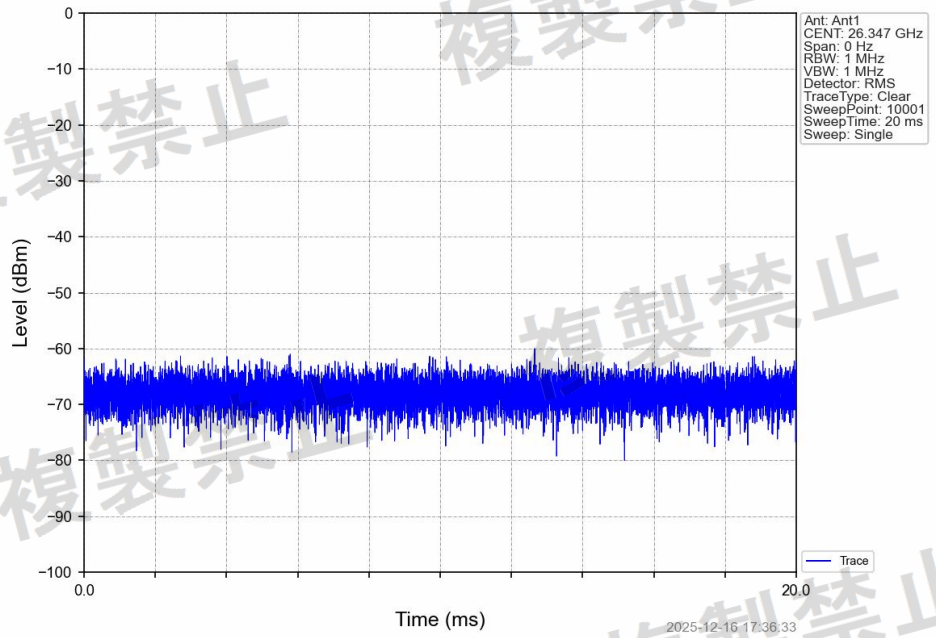
802.11a_LCH_5500MHz_Ant1_NTNV



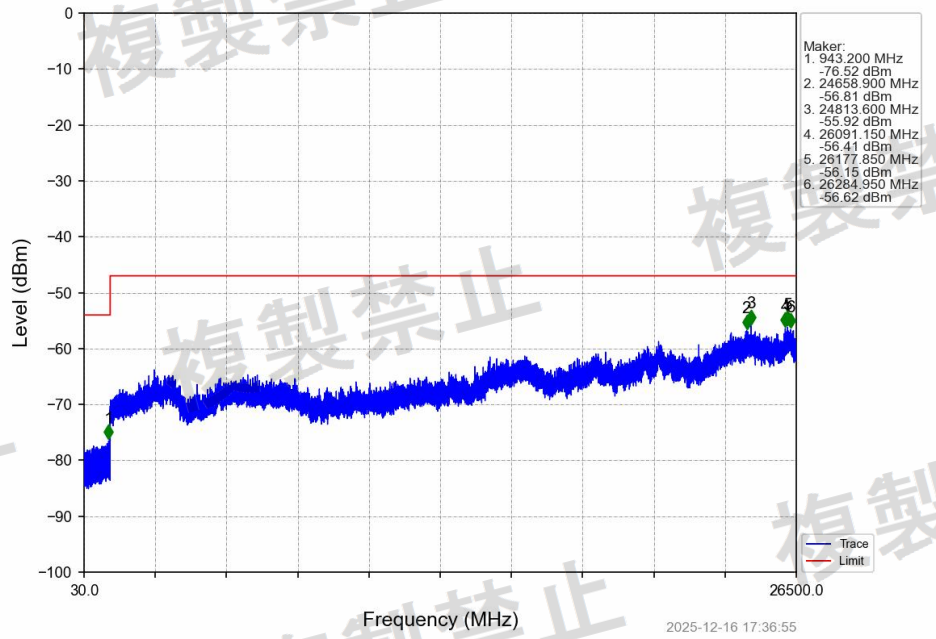
802.11a_LCH_5500MHz_Ant1_NTNV



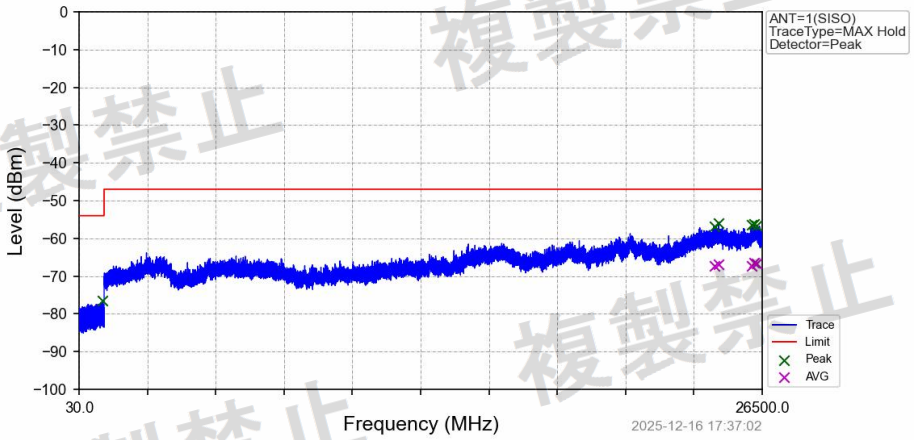
802.11a_LCH_5500MHz_Ant1_NTNV



802.11a_MCH_5600MHz_Ant1_NTNV

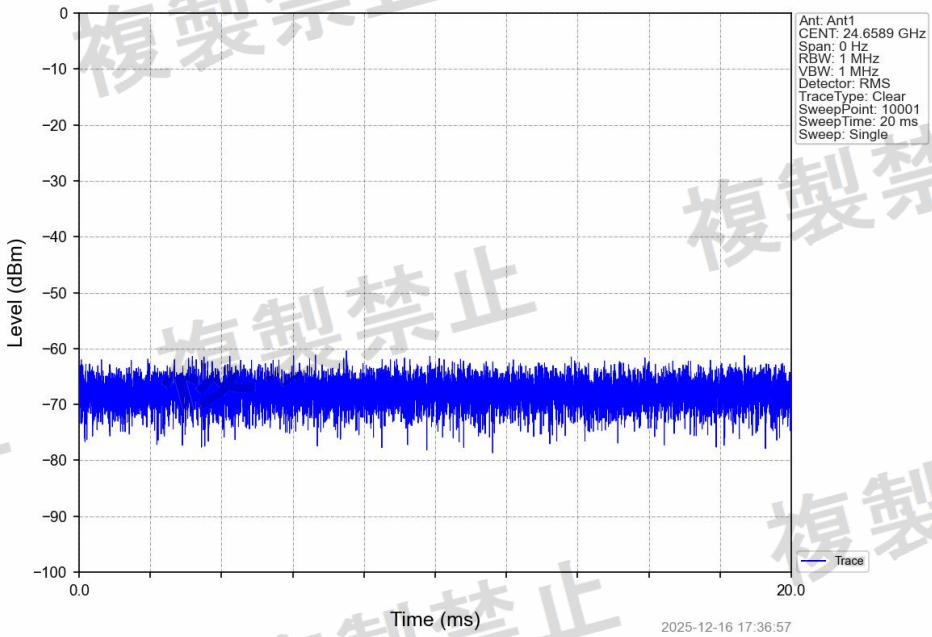


802.11a_MCH_5600MHz_Ant1_NTNV

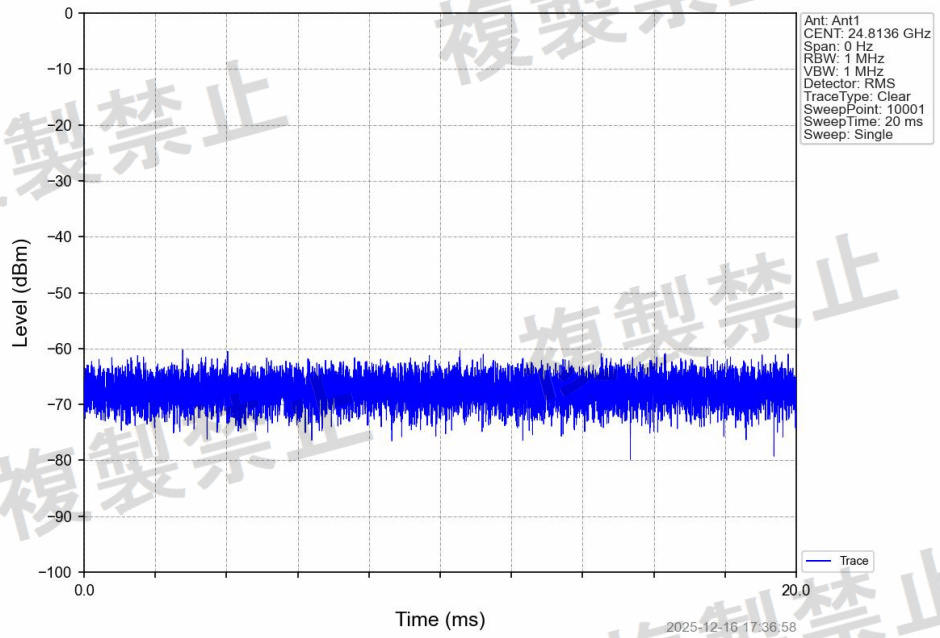


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	1000	0.1	0.1	943.200	-76.52	/	-54	Pass
1000	26500	1	1	24658.900	-56.81	-67.34	-47	Pass
1000	26500	1	1	24813.600	-55.92	-66.86	-47	Pass
1000	26500	1	1	26091.150	-56.41	-67.29	-47	Pass
1000	26500	1	1	26177.850	-56.15	-66.47	-47	Pass
1000	26500	1	1	26284.950	-56.62	-66.57	-47	Pass

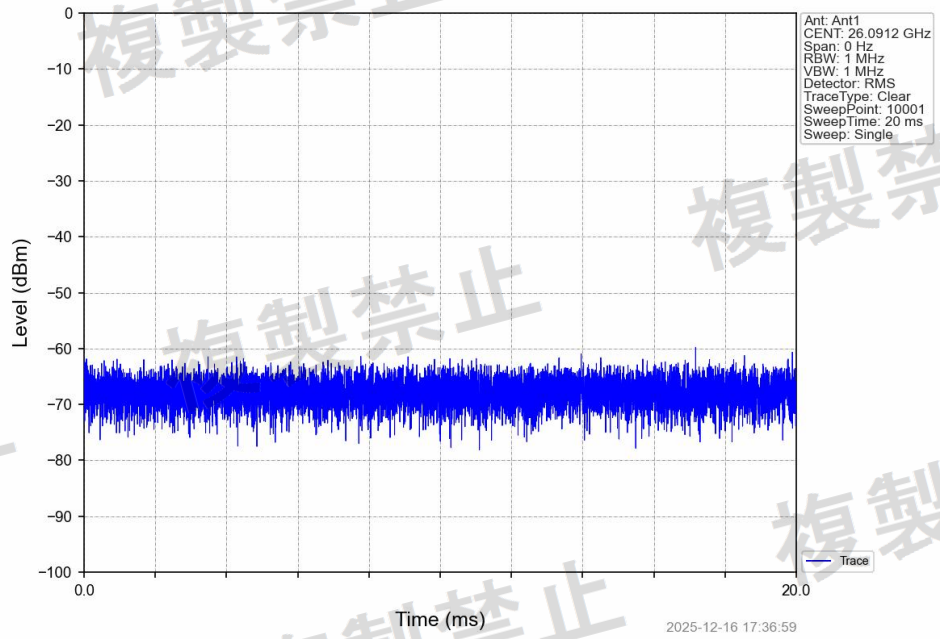
802.11a_MCH_5600MHz_Ant1_NTNV



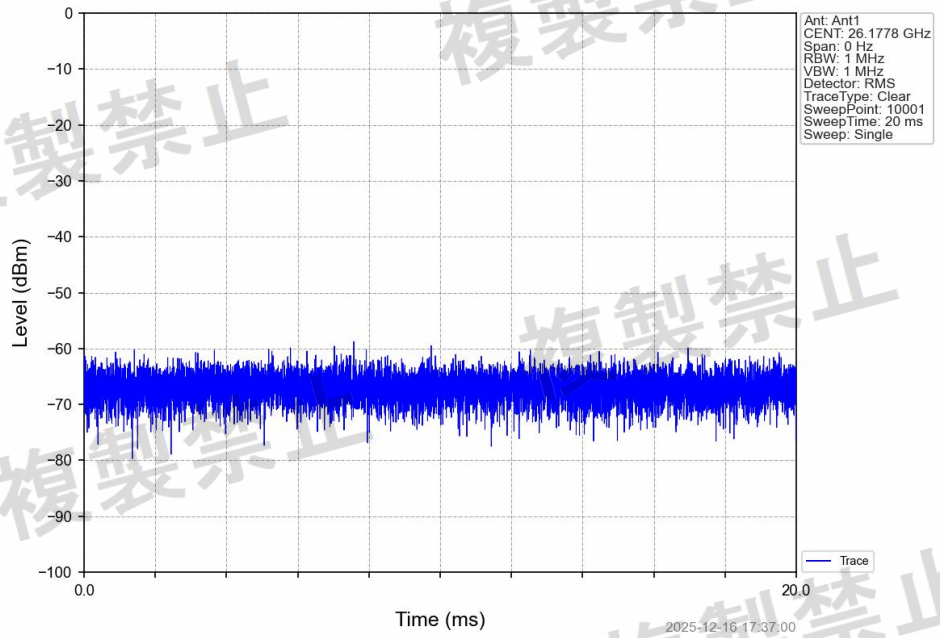
802.11a_MCH_5600MHz_Ant1_NTNV



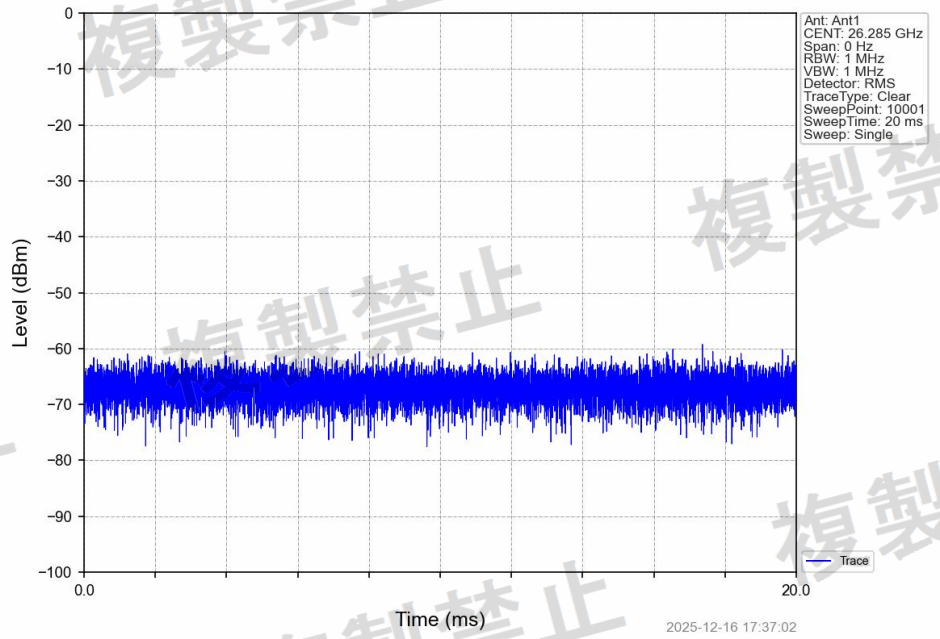
802.11a_MCH_5600MHz_Ant1_NTNV



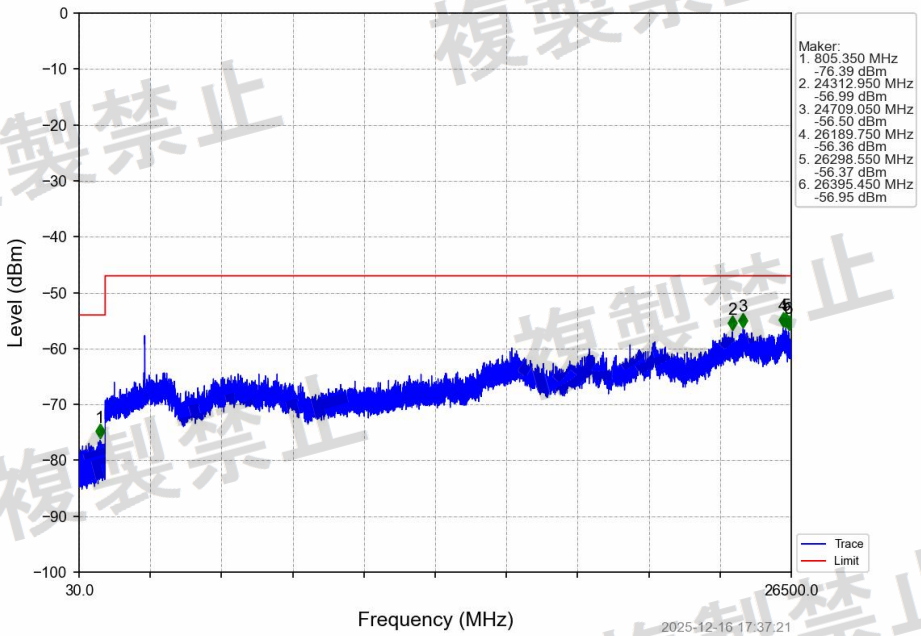
802.11a_MCH_5600MHz_Ant1_NTNV



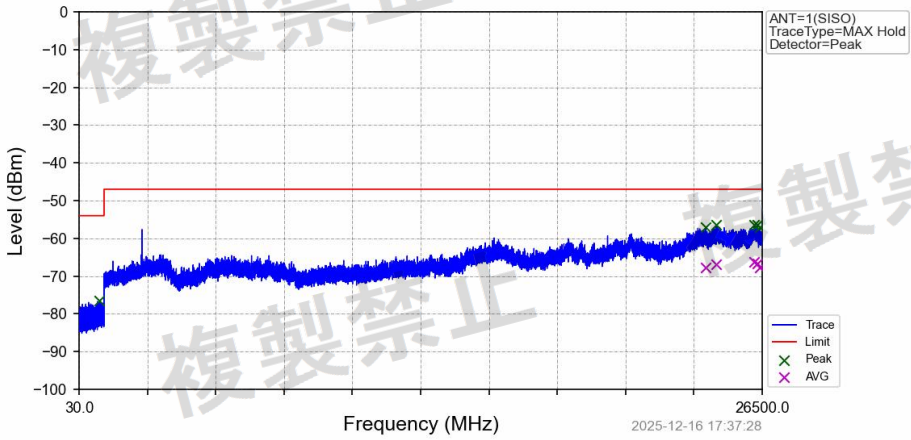
802.11a_MCH_5600MHz_Ant1_NTNV



802.11a_HCH_5720MHz_Ant1_NTNV

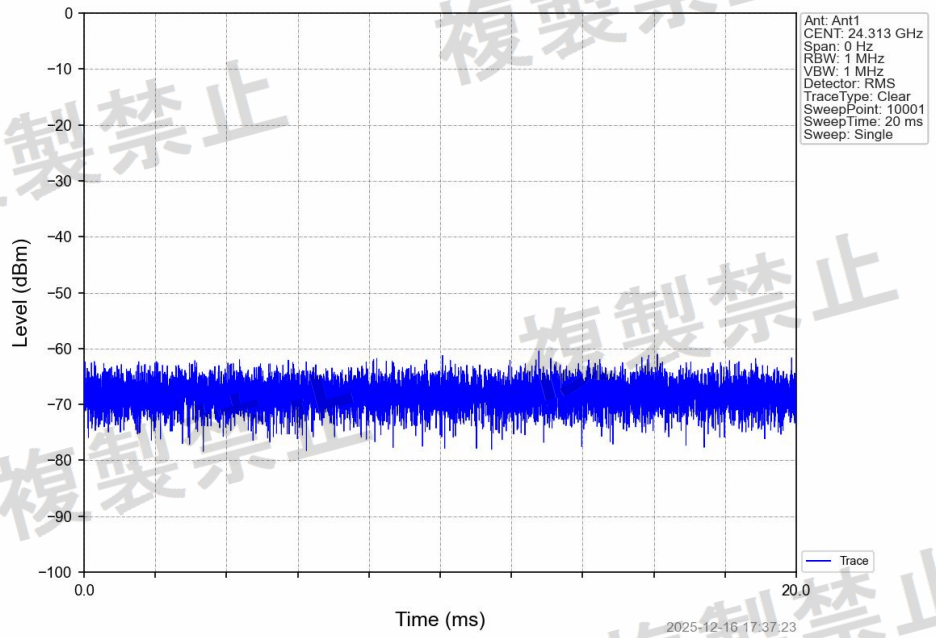


802.11a_HCH_5720MHz_Ant1_NTNV

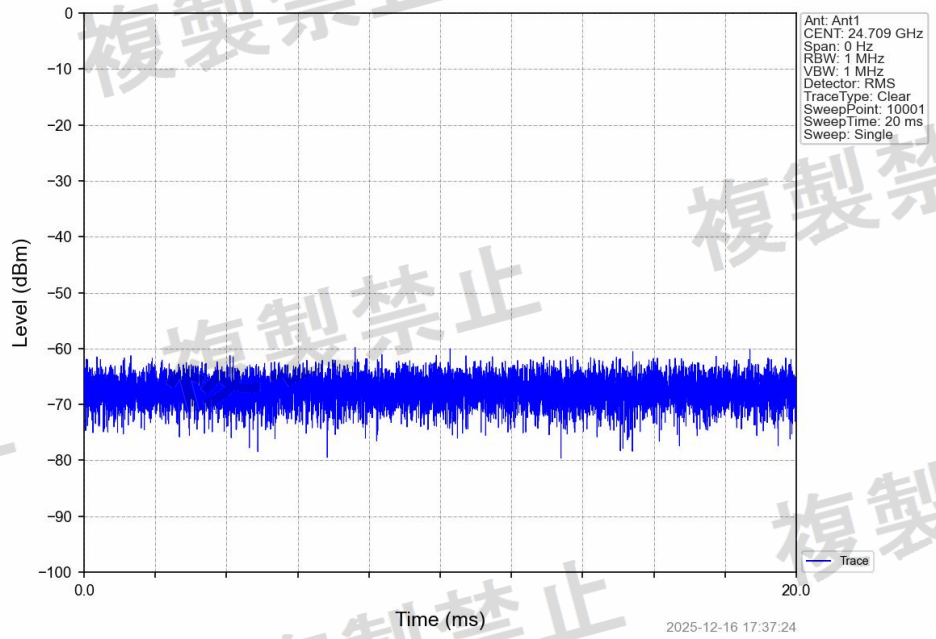


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	1000	0.1	0.1	805.350	-76.39	/	-54	Pass
1000	26500	1	1	24312.950	-56.99	-67.65	-47	Pass
1000	26500	1	1	24709.050	-56.50	-66.97	-47	Pass
1000	26500	1	1	26189.750	-56.36	-66.34	-47	Pass
1000	26500	1	1	26298.550	-56.37	-66.65	-47	Pass
1000	26500	1	1	26395.450	-56.95	-67.68	-47	Pass

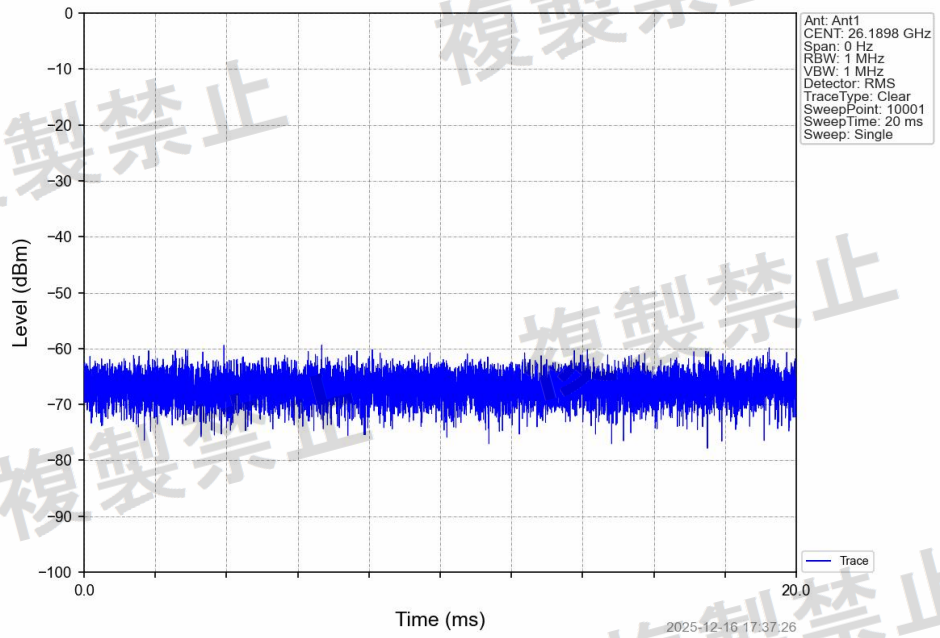
802.11a_HCH_5720MHz_Ant1_NTNV



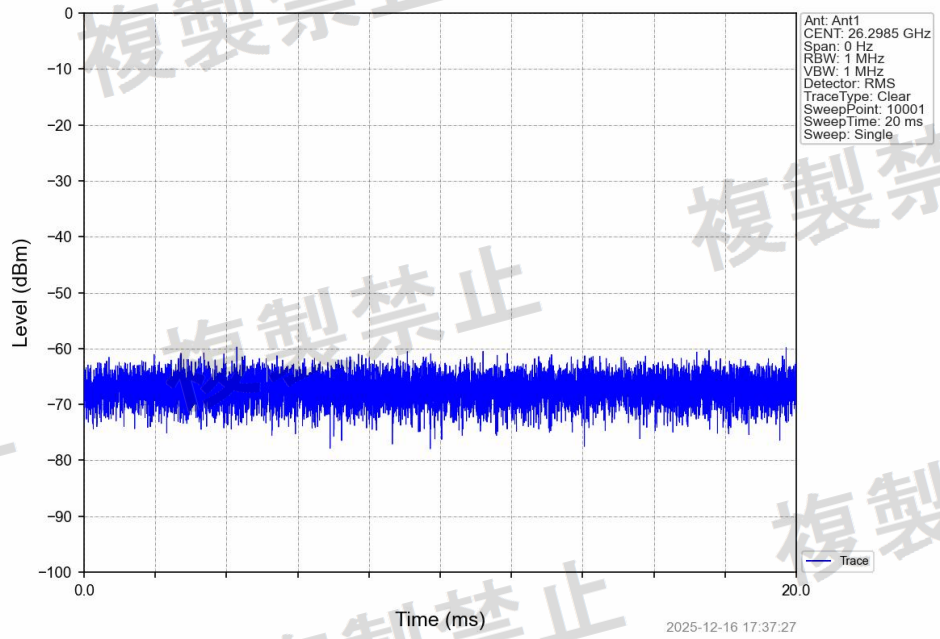
802.11a_HCH_5720MHz_Ant1_NTNV



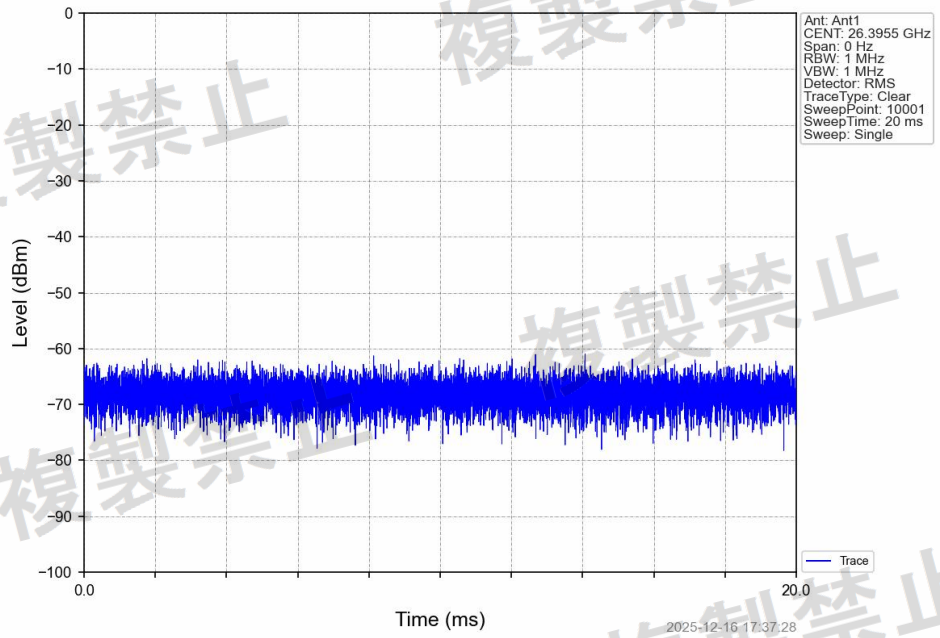
802.11a_HCH_5720MHz_Ant1_NTNV



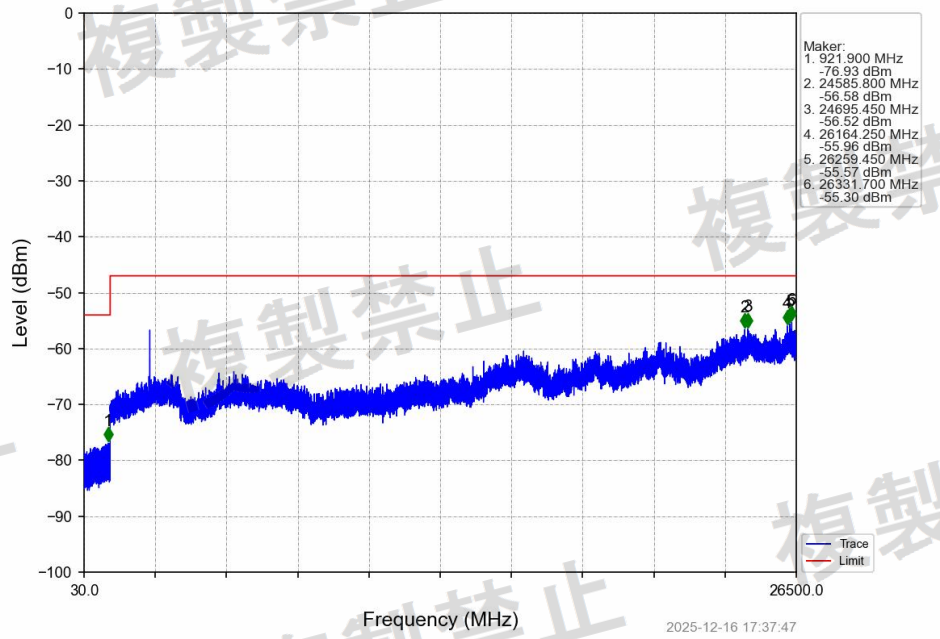
802.11a_HCH_5720MHz_Ant1_NTNV



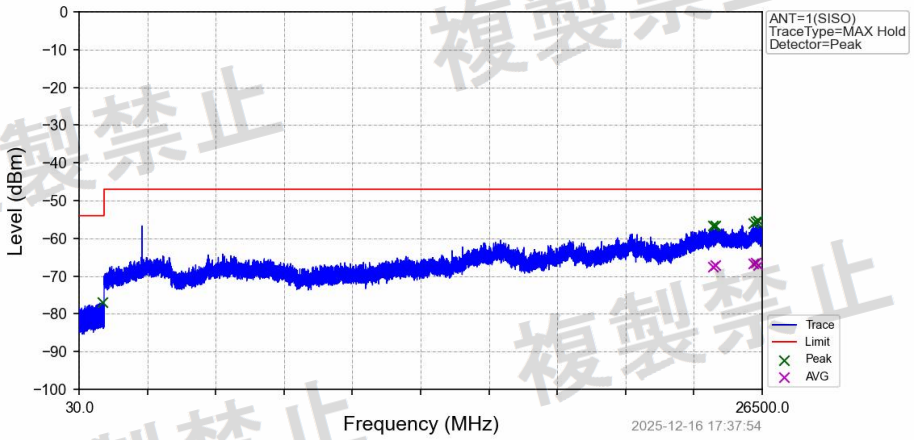
802.11a_HCH_5720MHz_Ant1_NTNV



802.11n(HT20)_LCH_5500MHz_Ant1_NTNV

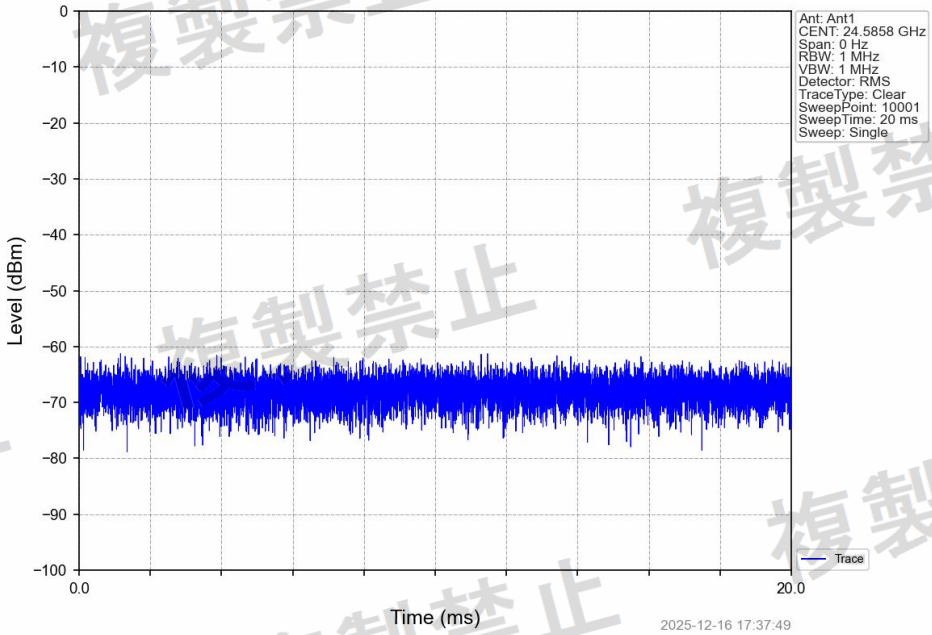


802.11n(HT20)_LCH_5500MHz_Ant1_NTNV

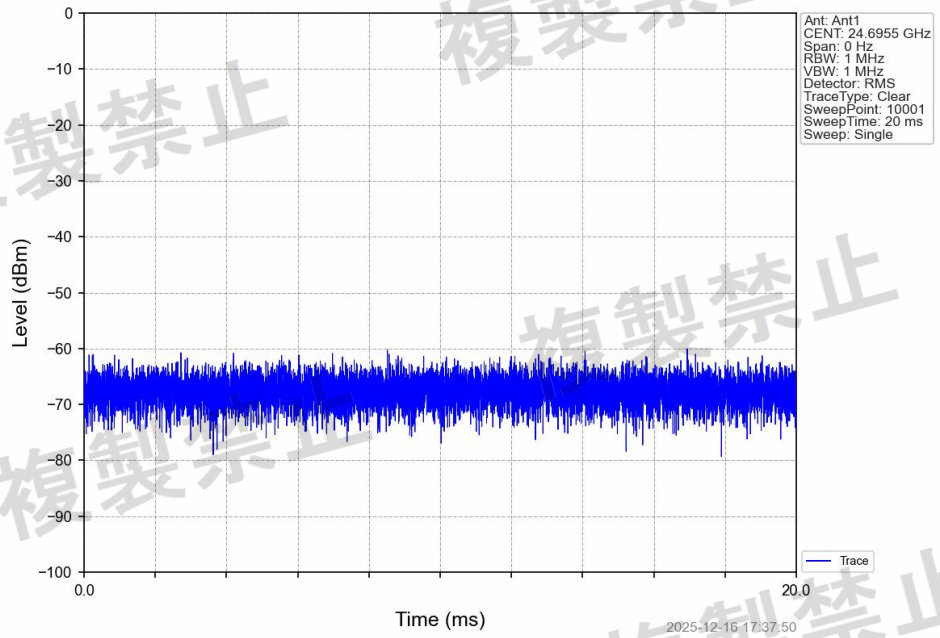


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	1000	0.1	0.1	921.900	-76.93	/	-54	Pass
1000	26500	1	1	24585.800	-56.58	-67.52	-47	Pass
1000	26500	1	1	24695.450	-56.52	-67.08	-47	Pass
1000	26500	1	1	26164.250	-55.96	-66.56	-47	Pass
1000	26500	1	1	26259.450	-55.57	-66.42	-47	Pass
1000	26500	1	1	26331.700	-55.30	-67.10	-47	Pass

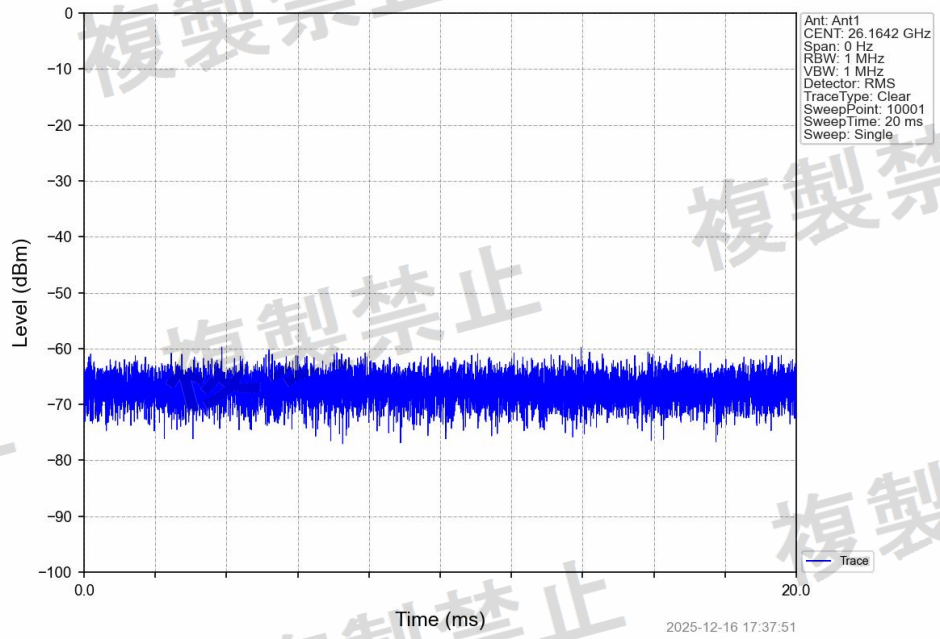
802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



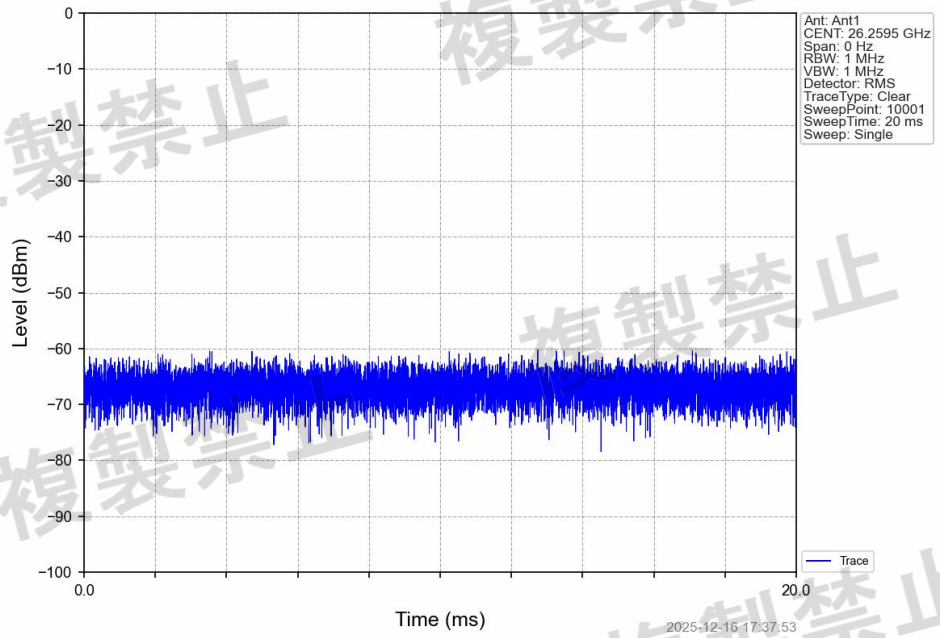
802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



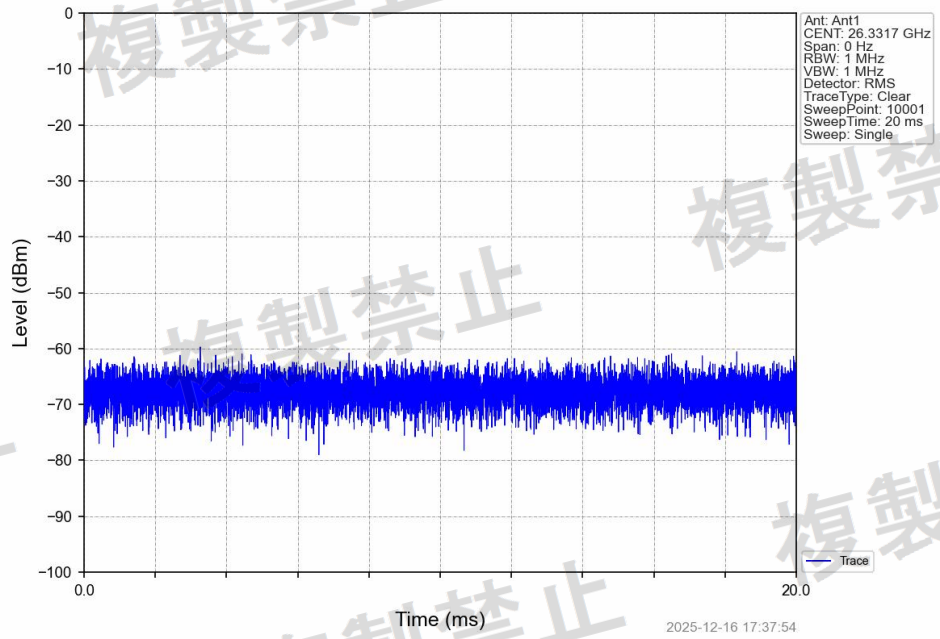
802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



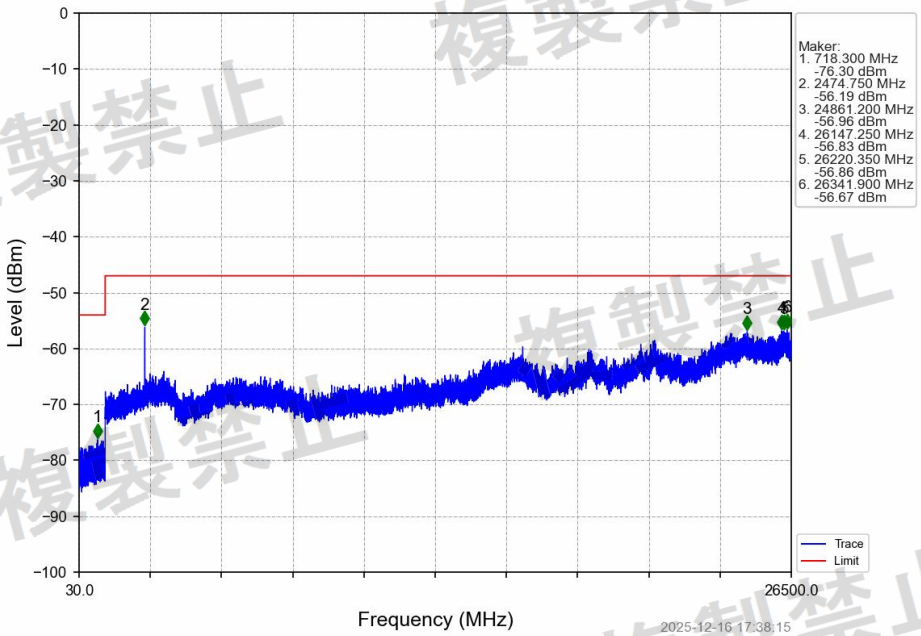
802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



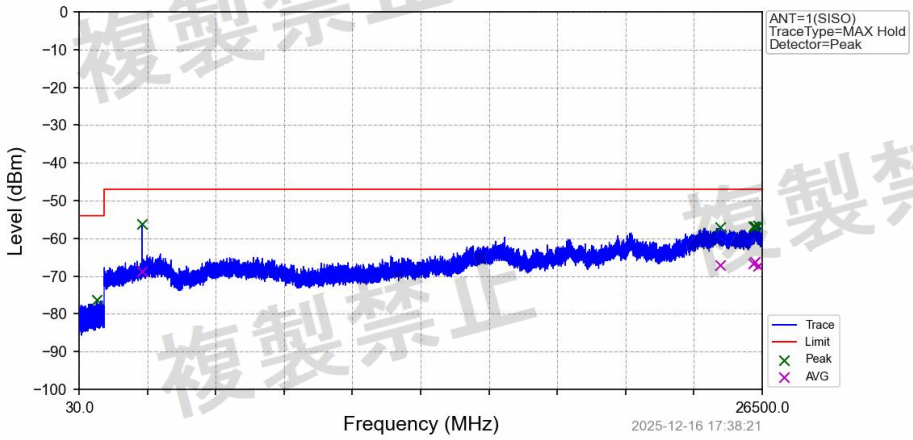
802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



802.11n(HT20)_MCH_5600MHz_Ant1_NTNV

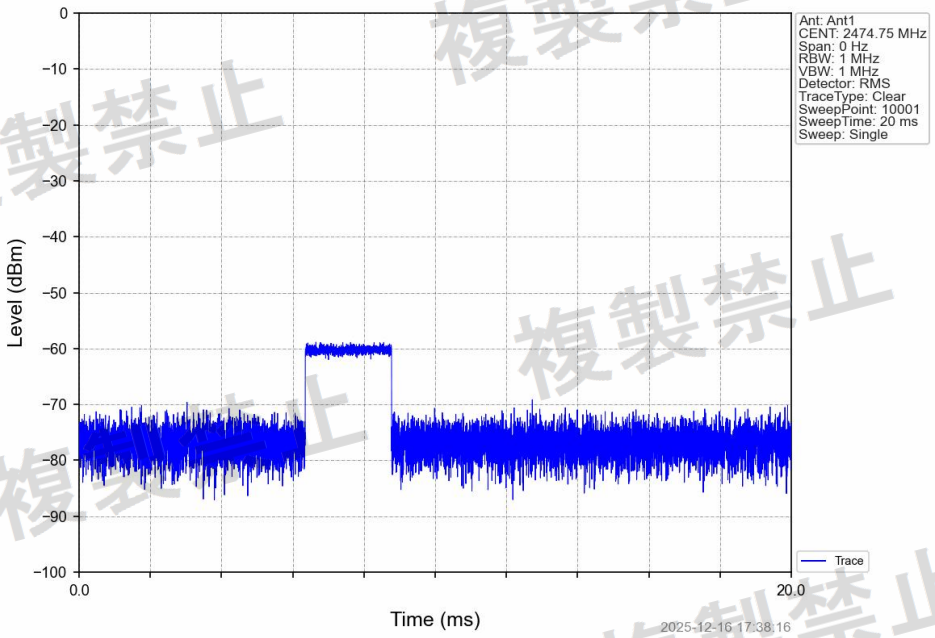


802.11n(HT20)_MCH_5600MHz_Ant1_NTNV

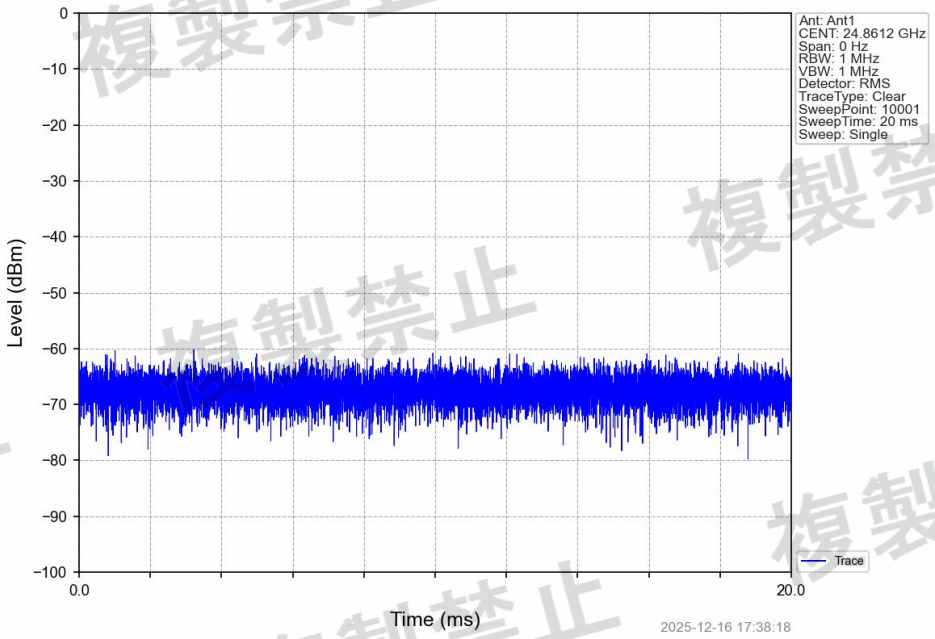


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	1000	0.1	0.1	718.300	-76.30	/	-54	Pass
1000	26500	1	1	2474.750	-56.19	-68.71	-47	Pass
1000	26500	1	1	24861.200	-56.96	-67.00	-47	Pass
1000	26500	1	1	26147.250	-56.83	-66.68	-47	Pass
1000	26500	1	1	26220.350	-56.86	-66.33	-47	Pass
1000	26500	1	1	26341.900	-56.67	-67.24	-47	Pass

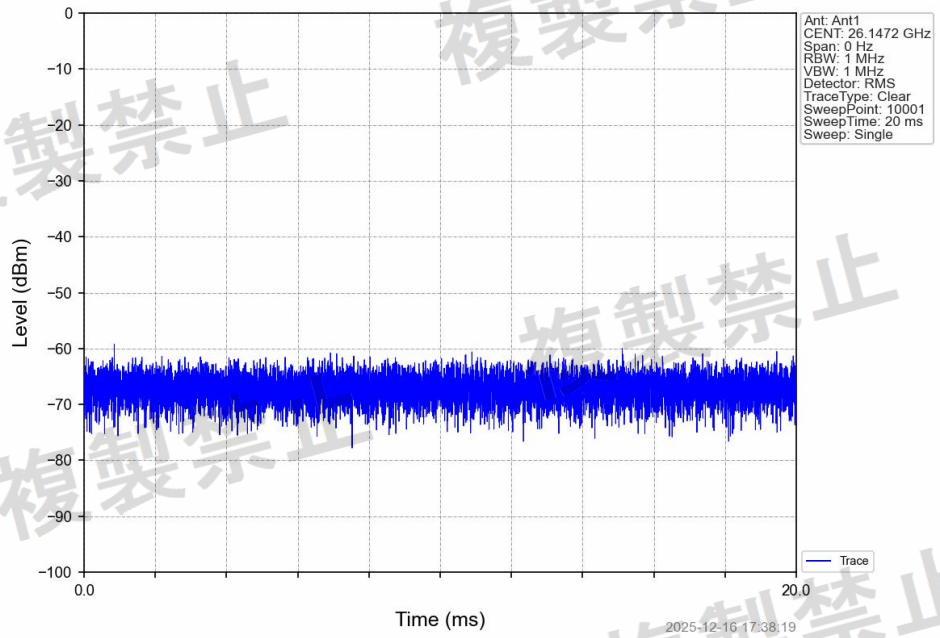
802.11n(HT20)_MCH_5600MHz_Ant1_NTNV



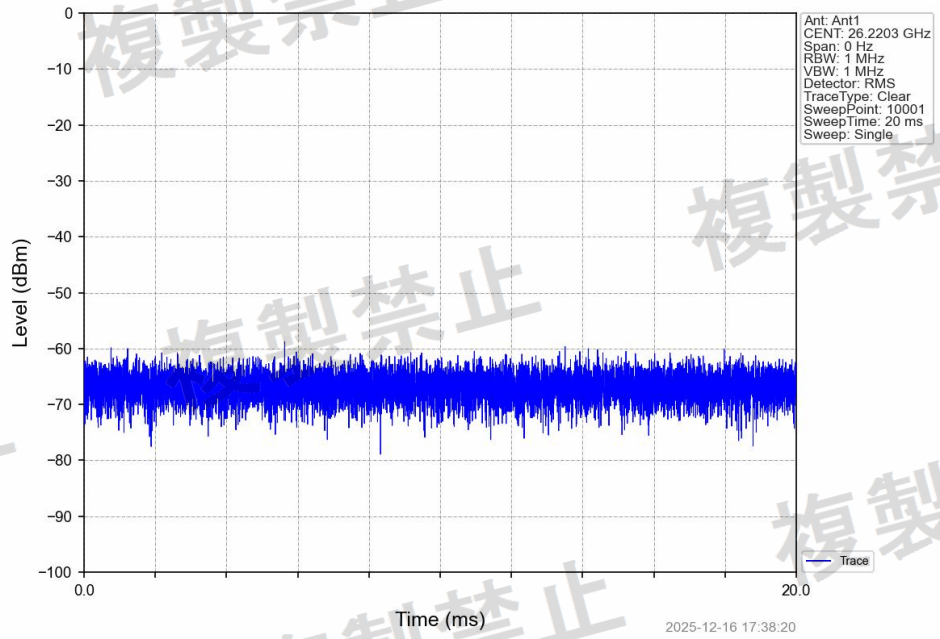
802.11n(HT20)_MCH_5600MHz_Ant1_NTNV



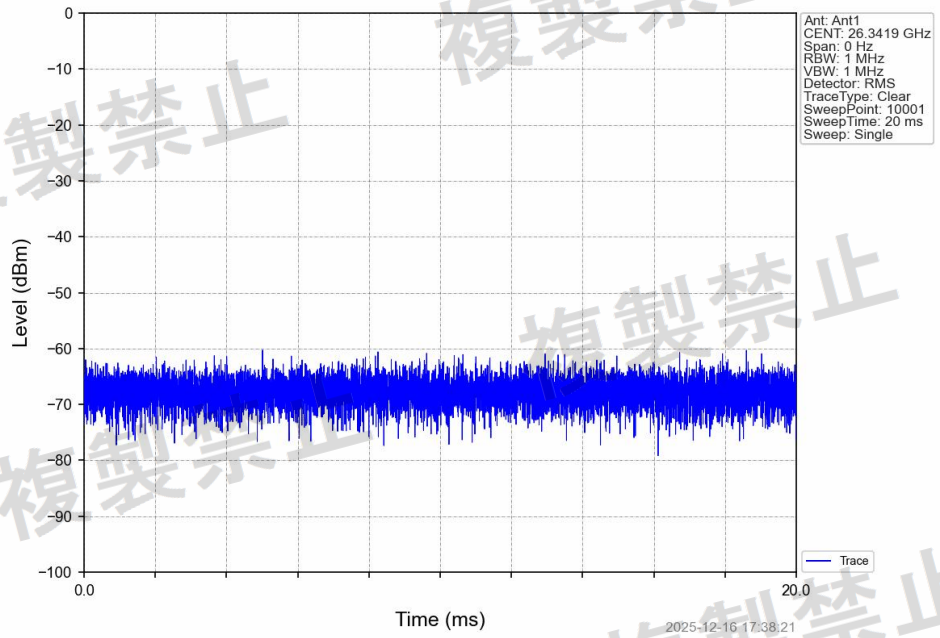
802.11n(HT20)_MCH_5600MHz_Ant1_NTNV



802.11n(HT20)_MCH_5600MHz_Ant1_NTNV



802.11n(HT20)_MCH_5600MHz_Ant1_NTNV



802.11n(HT20)_HCH_5720MHz_Ant1_NTNV

