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Annex for 5G Wi-Fi Band 2

Test Report No.: CTL2603054071-MIC02

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MIC: 219-269221

1. Frequency Error

1.1 Test Result

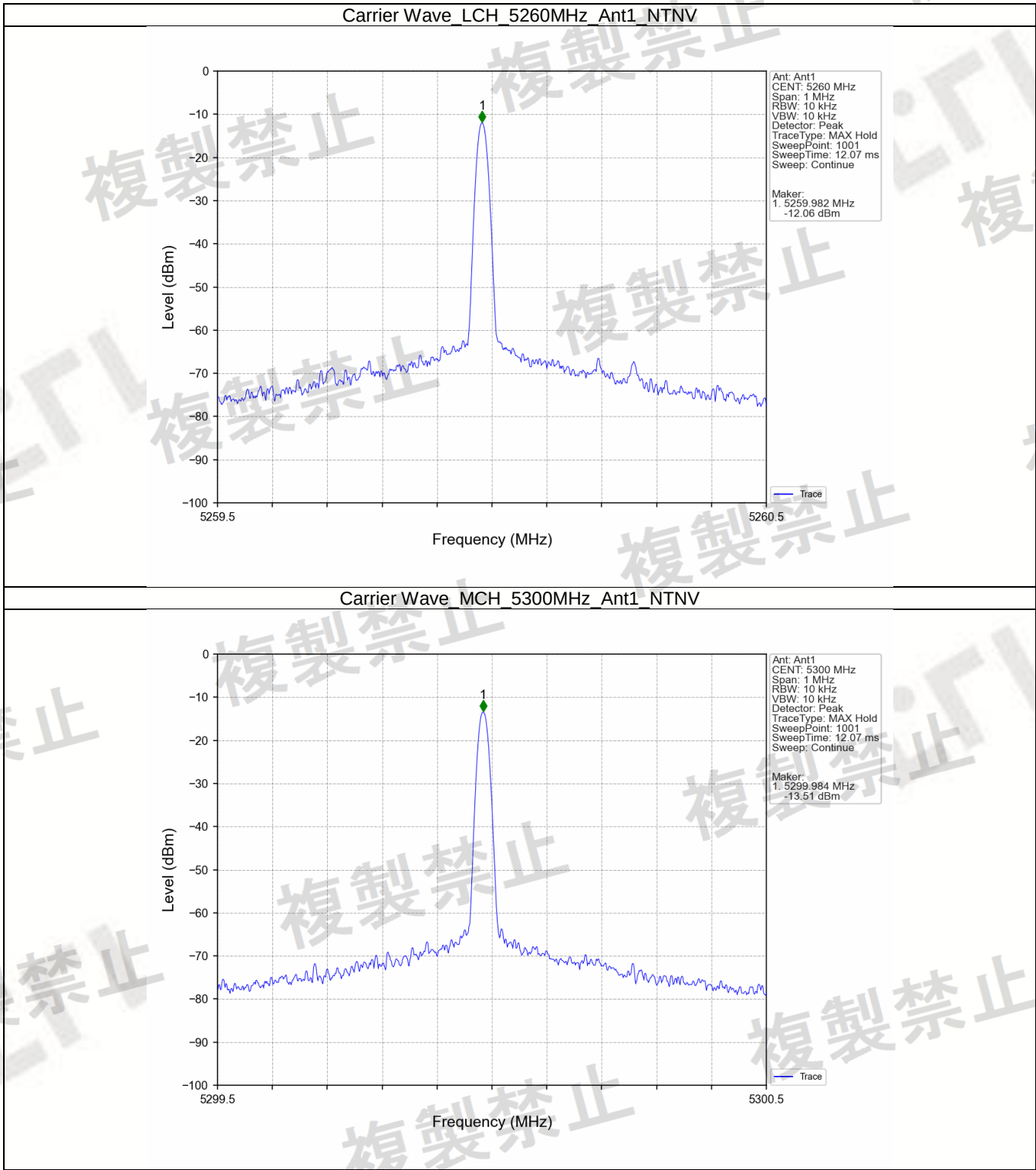
1.1.1 Ant1

Ant1							
ENV	Mode	TX Type	Frequency (MHz)	Measured Frequency (MHz)	Tolerance (ppm)		Verdict
					Result	Limit	
NTNV	Carrier Wave	SISO	5260	5259.982	-3.42	-20 to 20	Pass
			5300	5299.984	-3.02	-20 to 20	Pass
			5320	5319.988	-2.26	-20 to 20	Pass

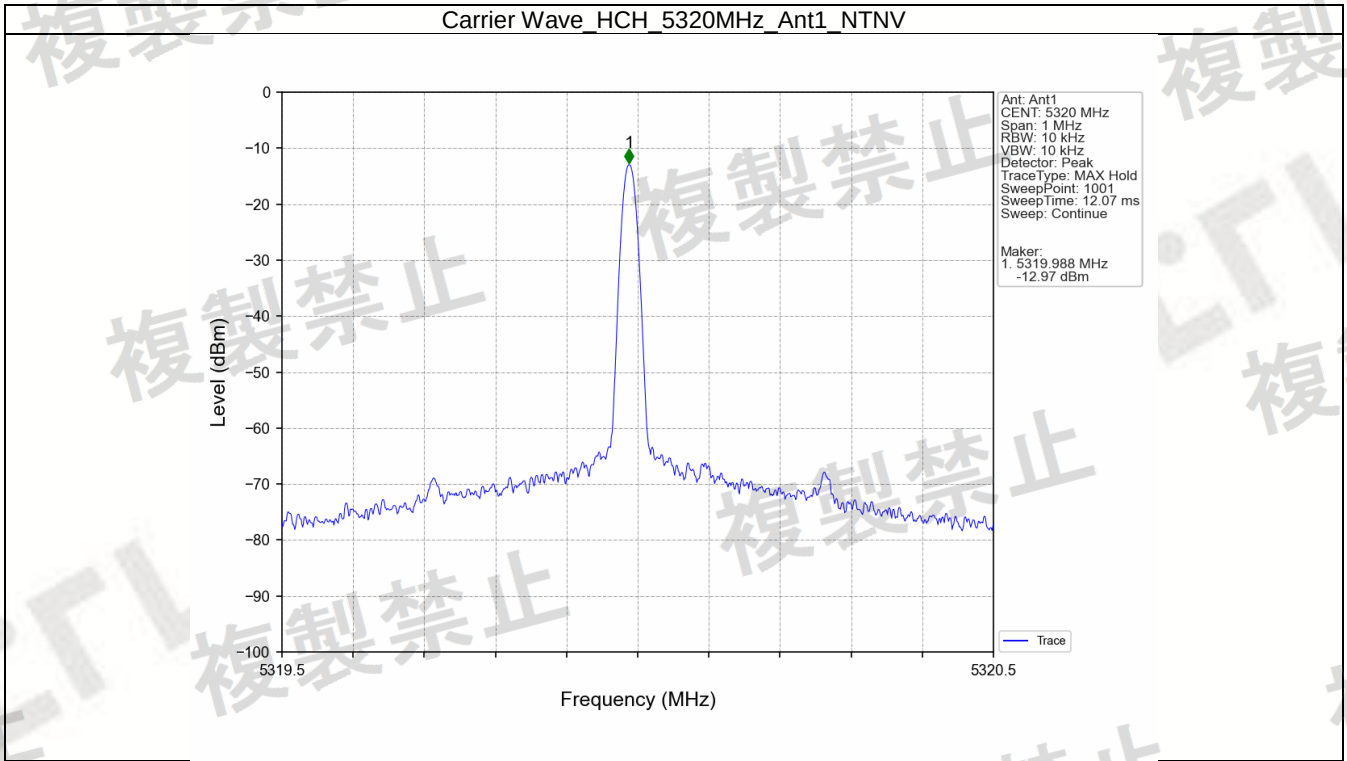
MIC: 219-269221

1.2 Test Graph

1.2.1 Ant1



MIC: 219-269221



MIC: 219-269221

2. Occupied Bandwidth

2.1 Test Result

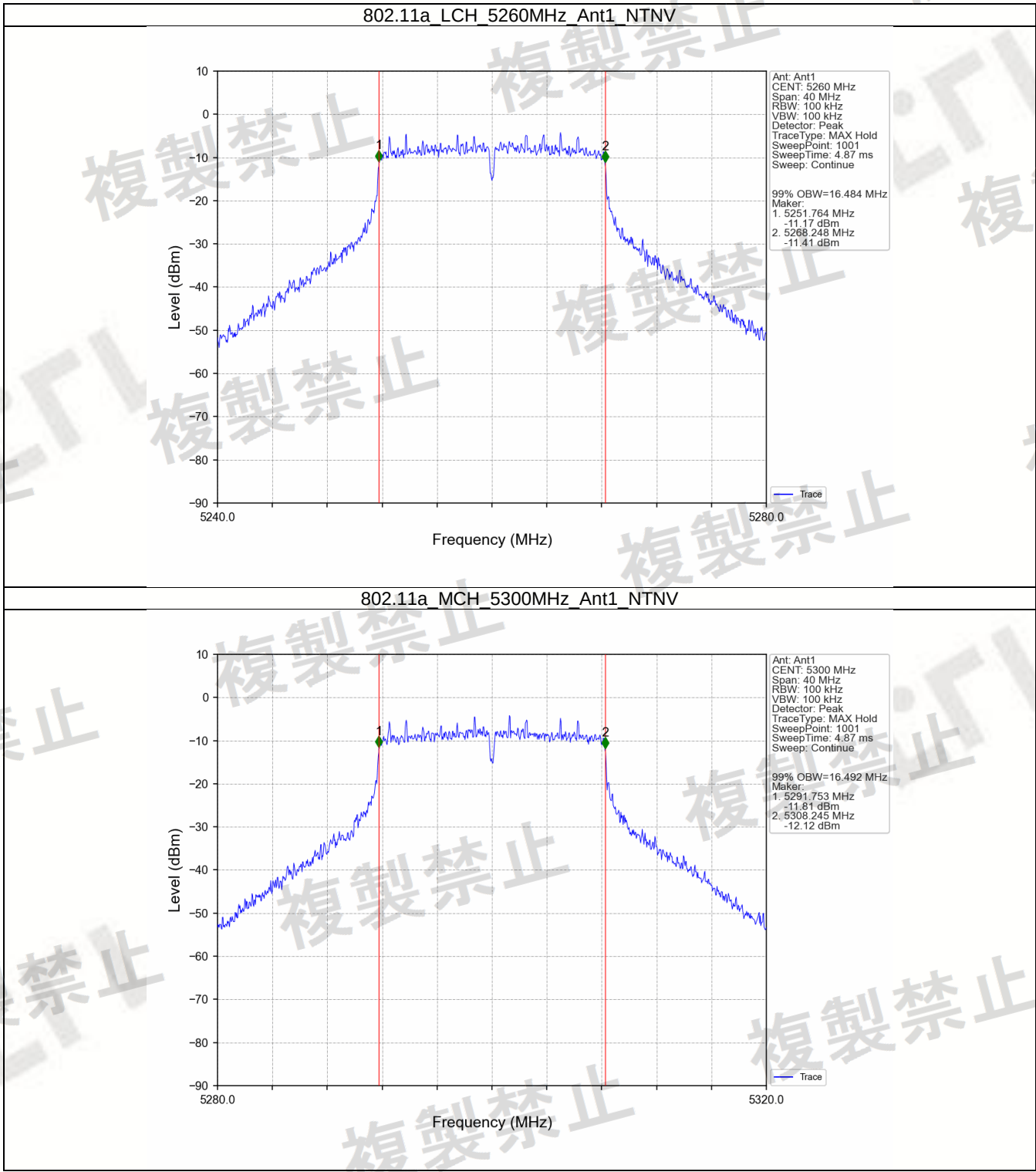
2.1.1 OBW

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	99% Occupied Bandwidth (MHz)		Verdict
						ANT1	Limit	
NTNV	802.11a	SISO	5260	/	/	16.484	<=20	Pass
			5300	/	/	16.492	<=20	Pass
			5320	/	/	16.529	<=20	Pass
	802.11n (HT20)	SISO	5260	/	/	17.704	<=20	Pass
			5300	/	/	17.693	<=20	Pass
			5320	/	/	17.724	<=20	Pass
	802.11ac (VHT20)	SISO	5260	/	/	17.718	<=20	Pass
			5300	/	/	17.688	<=20	Pass
			5320	/	/	17.697	<=20	Pass
	802.11ax (HEW20)	SISO	5260	SU	/	18.977	<=20	Pass
			5300	SU	/	18.981	<=20	Pass
			5320	SU	/	19.016	<=20	Pass

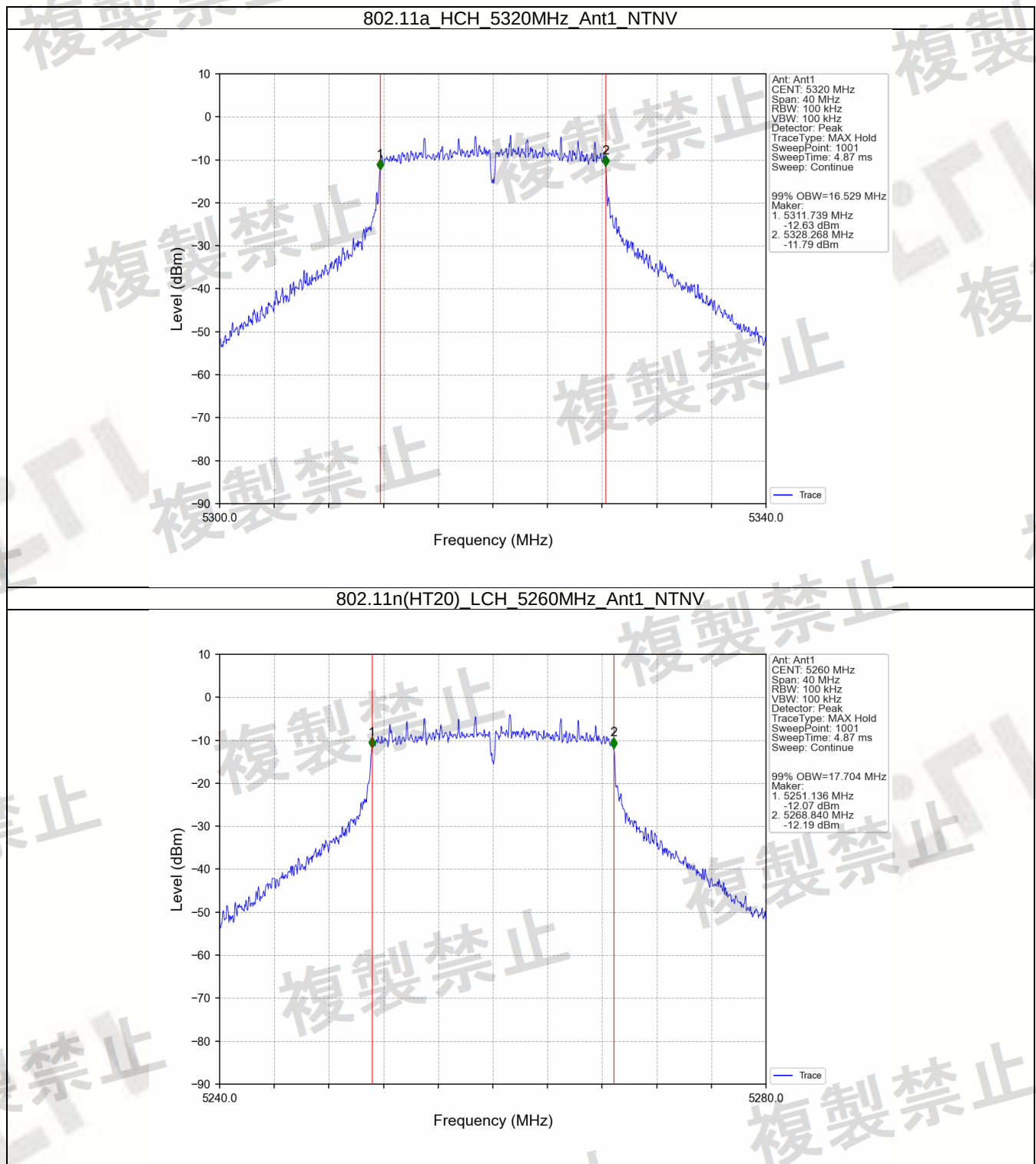
MIC: 219-269221

2.2 Test Graph

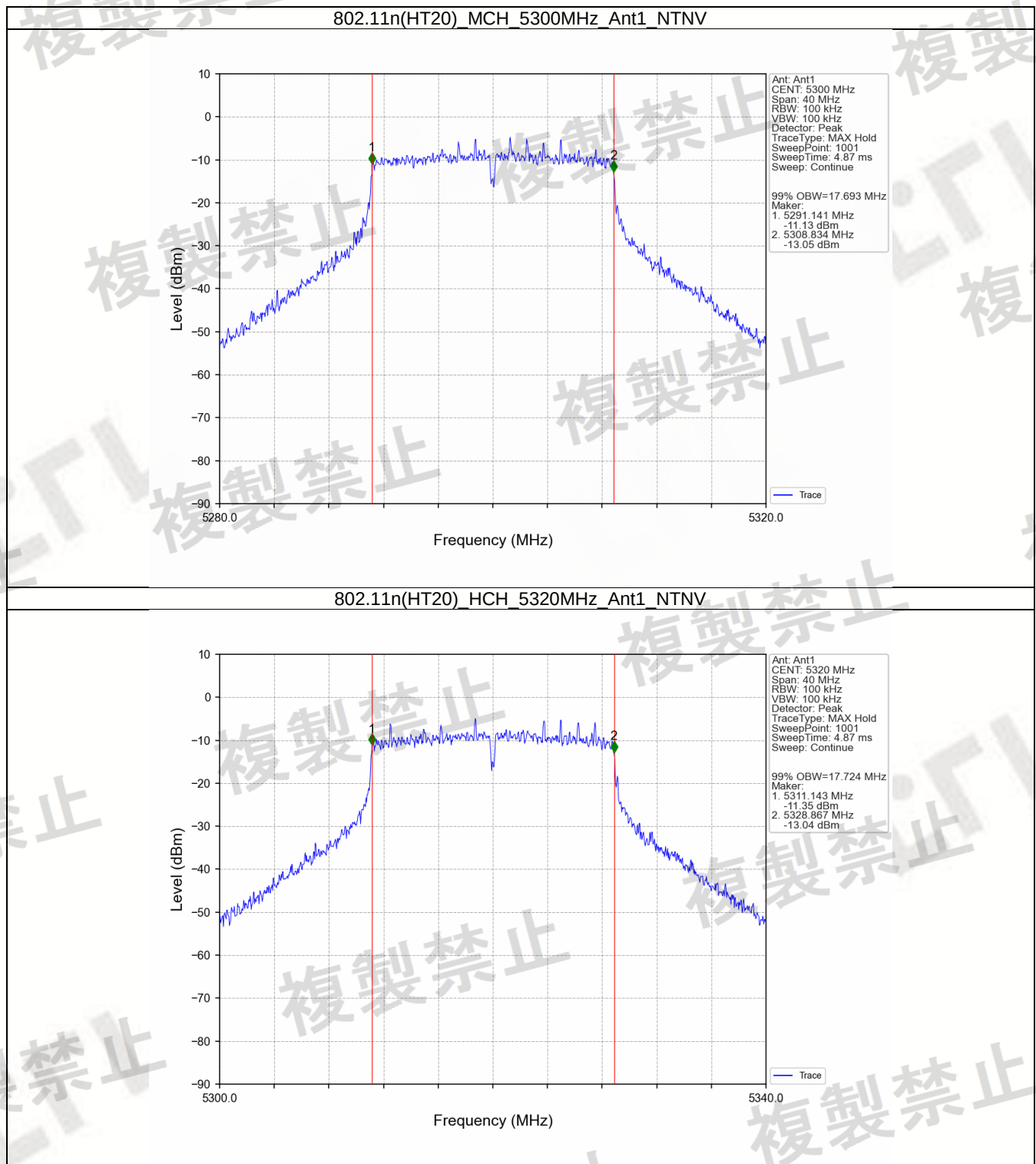
2.2.1 OBW



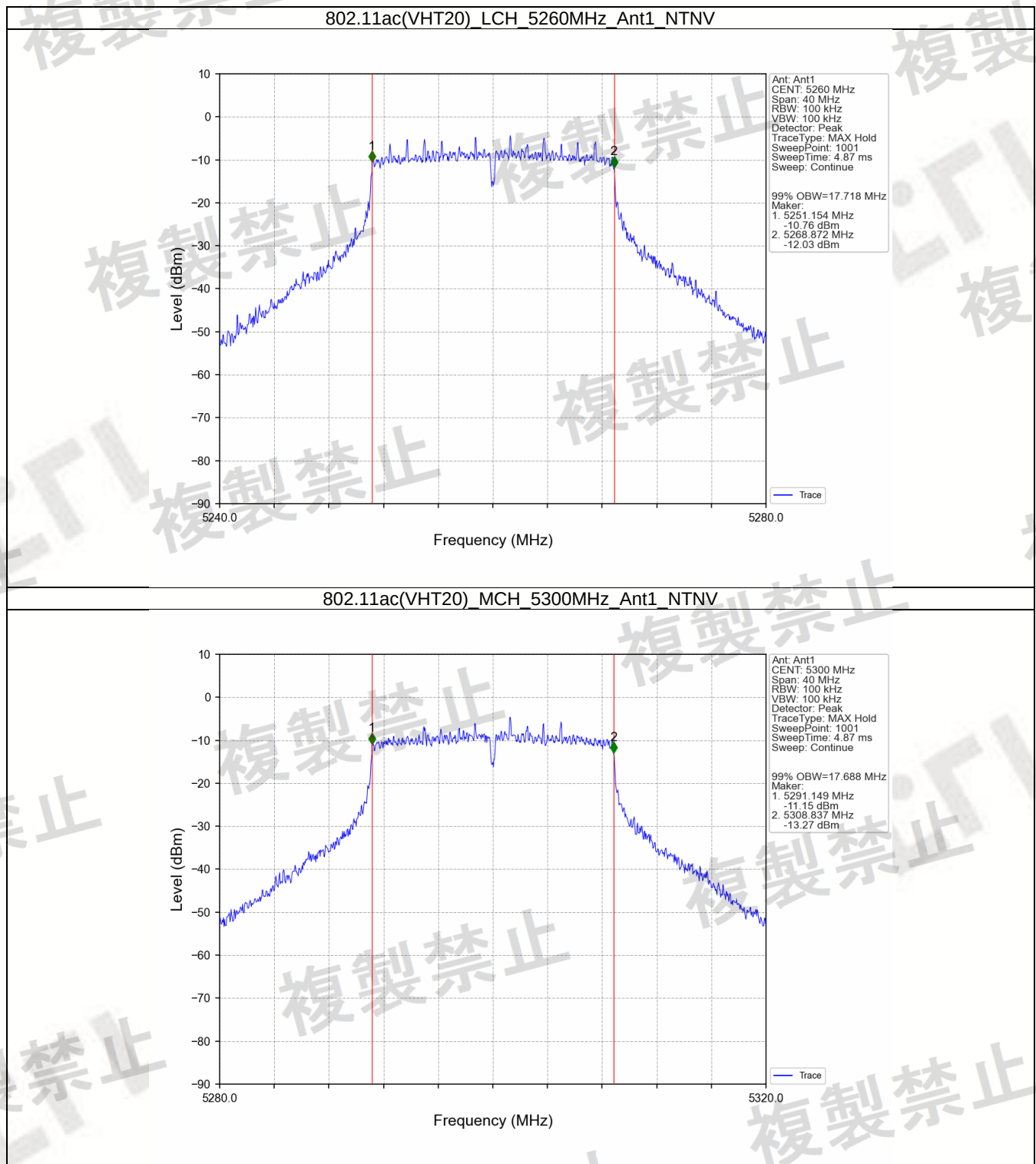
MIC: 219-269221



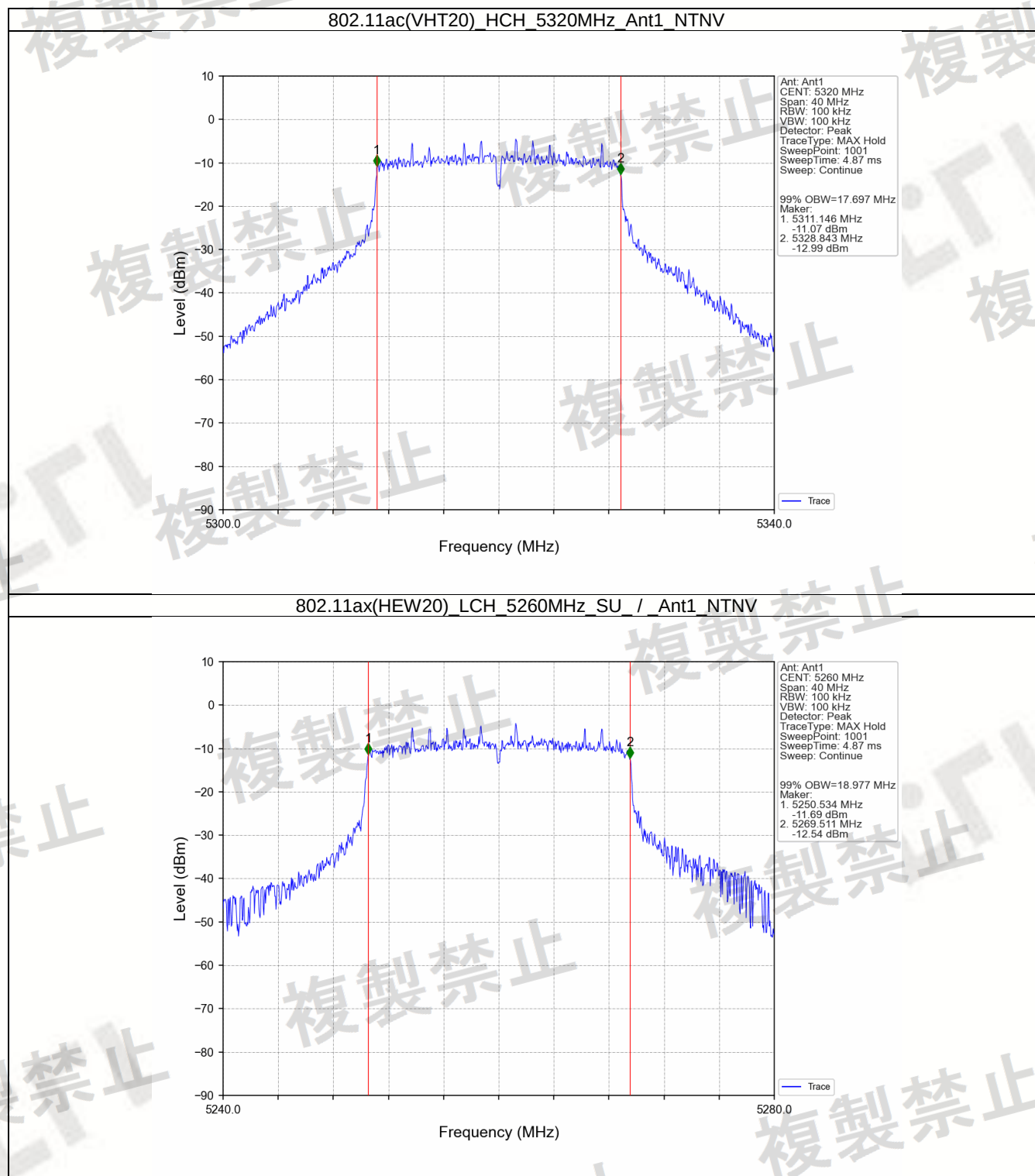
MIC: 219-269221



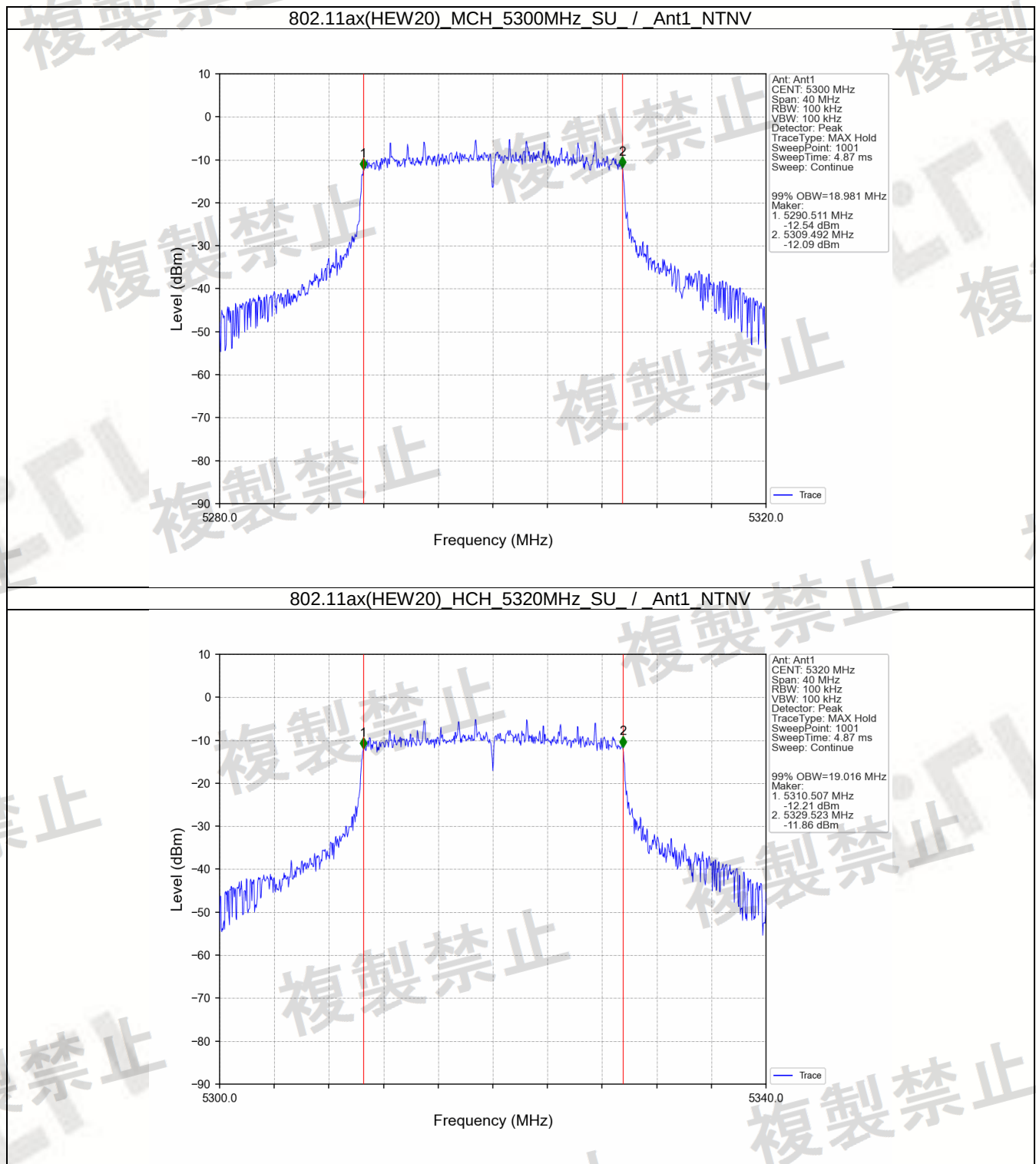
MIC: 219-269221



MIC: 219-269221



MIC: 219-269221



MIC: 219-269221

3. Antenna Power

3.1 Test Result

3.1.1 Power_NTNV

NTNV											
Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	Antenna Power (mW/MHz)		Nominal Power (mW/MHz)	Tolerance (%)		Verdict
						Measured	Limit		Measured	Limit	
802.11a	SISO	5260	/	/	1	0.435	<=10.00	0.430	1.16	-80 to 20	Pass
		5300	/	/	1	0.380	<=10.00	0.430	-11.63	-80 to 20	Pass
		5320	/	/	1	0.402	<=10.00	0.430	-6.51	-80 to 20	Pass
802.11n (HT20)	SISO	5260	/	/	1	0.360	<=10.00	0.360	0.00	-80 to 20	Pass
		5300	/	/	1	0.328	<=10.00	0.360	-8.89	-80 to 20	Pass
		5320	/	/	1	0.337	<=10.00	0.360	-6.39	-80 to 20	Pass
802.11ac (VHT20)	SISO	5260	/	/	1	0.368	<=10.00	0.370	-0.54	-80 to 20	Pass
		5300	/	/	1	0.318	<=10.00	0.370	-14.05	-80 to 20	Pass
		5320	/	/	1	0.352	<=10.00	0.370	-4.86	-80 to 20	Pass
802.11ax (HEW20)	SISO	5260	SU	/	1	0.300	<=10.00	0.300	0.00	-80 to 20	Pass
		5300	SU	/	1	0.283	<=10.00	0.300	-5.67	-80 to 20	Pass
		5320	SU	/	1	0.280	<=10.00	0.300	-6.67	-80 to 20	Pass

3.1.4 EIRP_NTNV

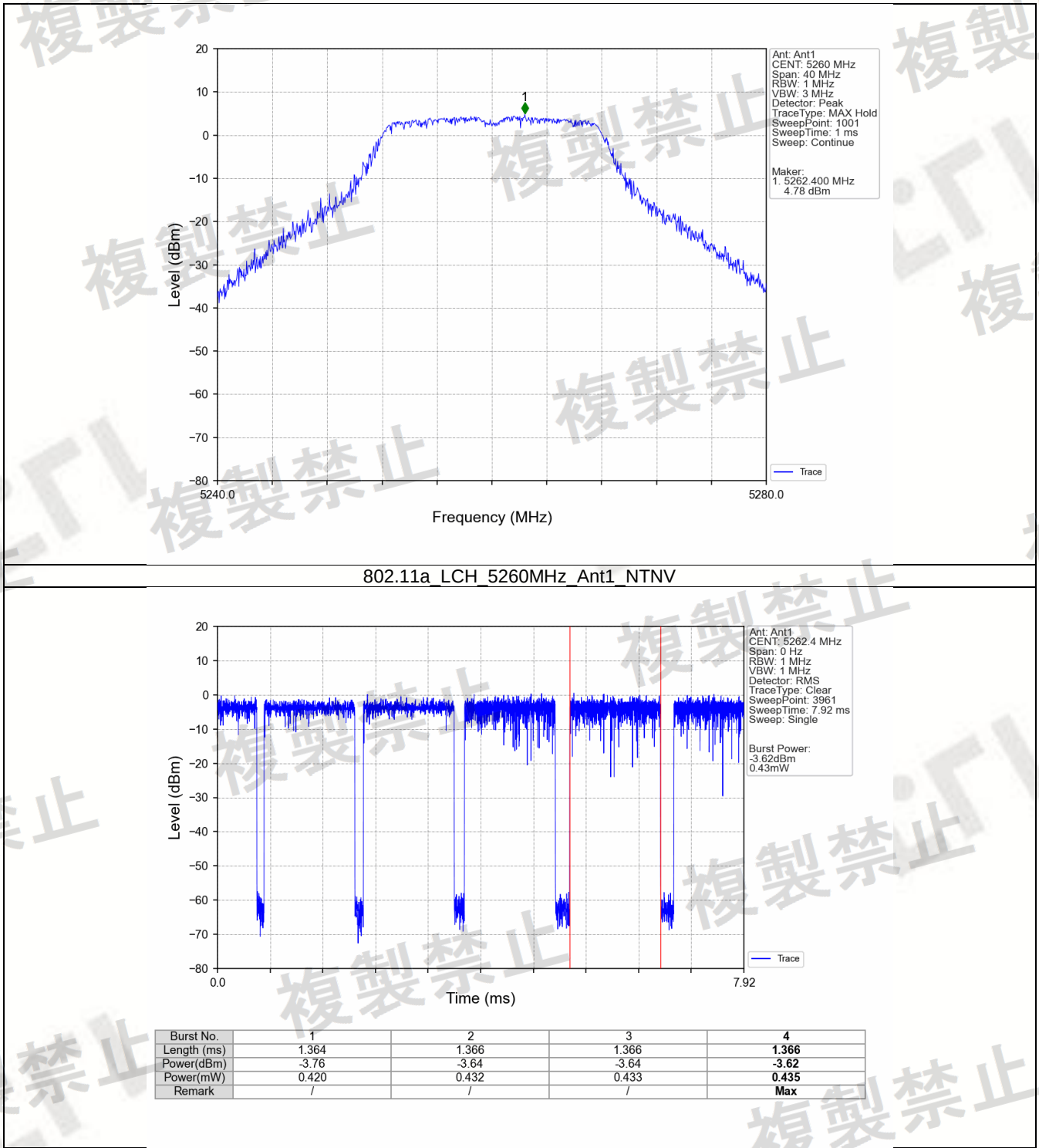
NTNV									
Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	Gain (dBi)	EIRP (mW/MHz)		Verdict
							Result	Limit	
802.11a	SISO	5260	/	/	1	5.33	1.48	<=5	Pass
		5300	/	/	1	5.33	1.30	<=5	Pass
		5320	/	/	1	5.33	1.37	<=5	Pass
802.11n (HT20)	SISO	5260	/	/	1	5.33	1.23	<=5	Pass
		5300	/	/	1	5.33	1.12	<=5	Pass
		5320	/	/	1	5.33	1.15	<=5	Pass
802.11ac (VHT20)	SISO	5260	/	/	1	5.33	1.26	<=5	Pass
		5300	/	/	1	5.33	1.08	<=5	Pass
		5320	/	/	1	5.33	1.20	<=5	Pass
802.11ax (HEW20)	SISO	5260	SU	/	1	5.33	1.02	<=5	Pass
		5300	SU	/	1	5.33	0.97	<=5	Pass
		5320	SU	/	1	5.33	0.95	<=5	Pass

3.2 Test Graph

3.2.1 Power_NTNV

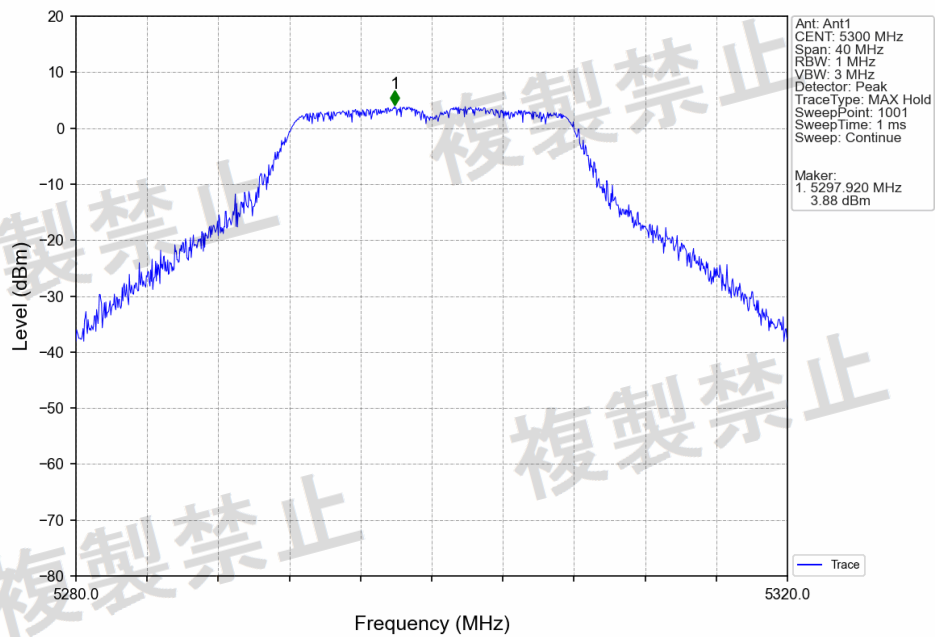
802.11a_LCH_5260MHz_Ant1_NTNV

MIC: 219-269221

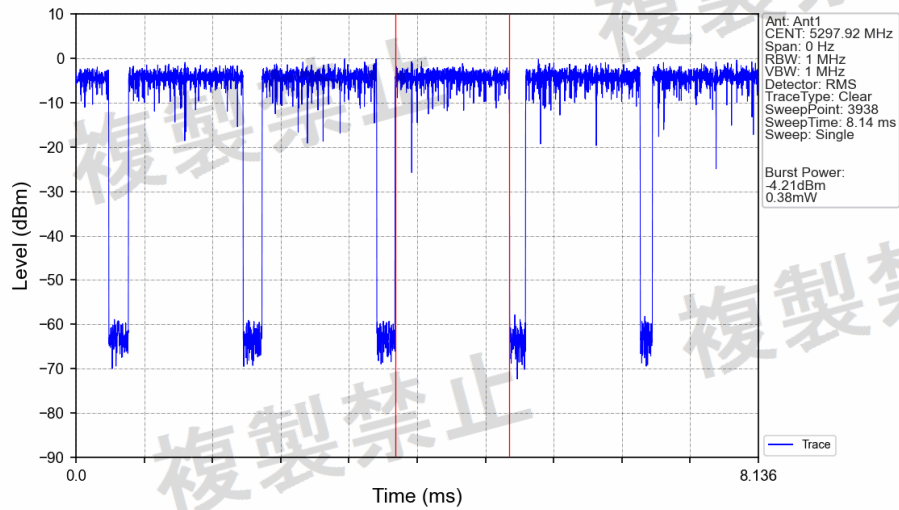


MIC: 219-269221

802.11a_MCH_5300MHz_Ant1_NTNV

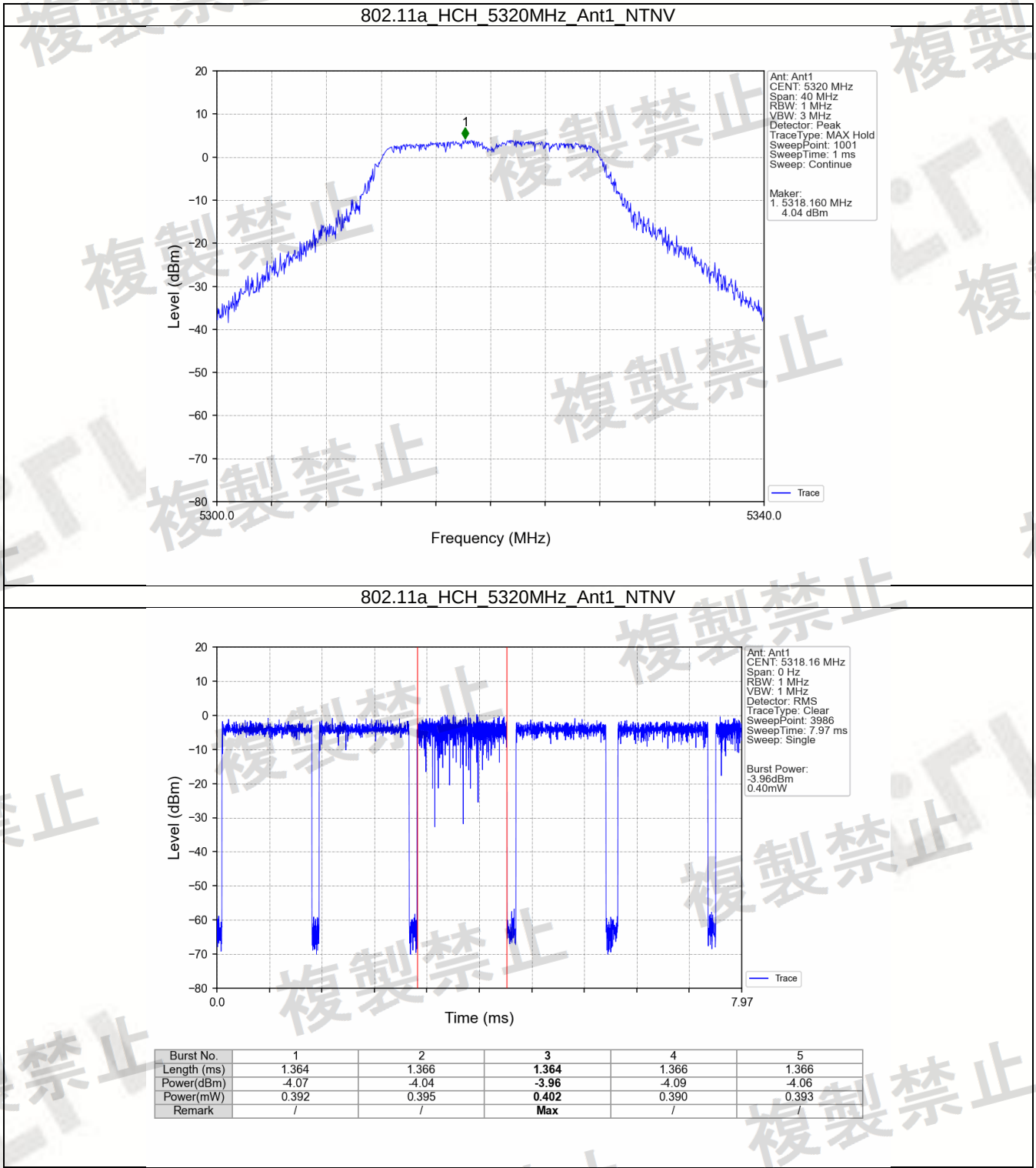


802.11a_MCH_5300MHz_Ant1_NTNV

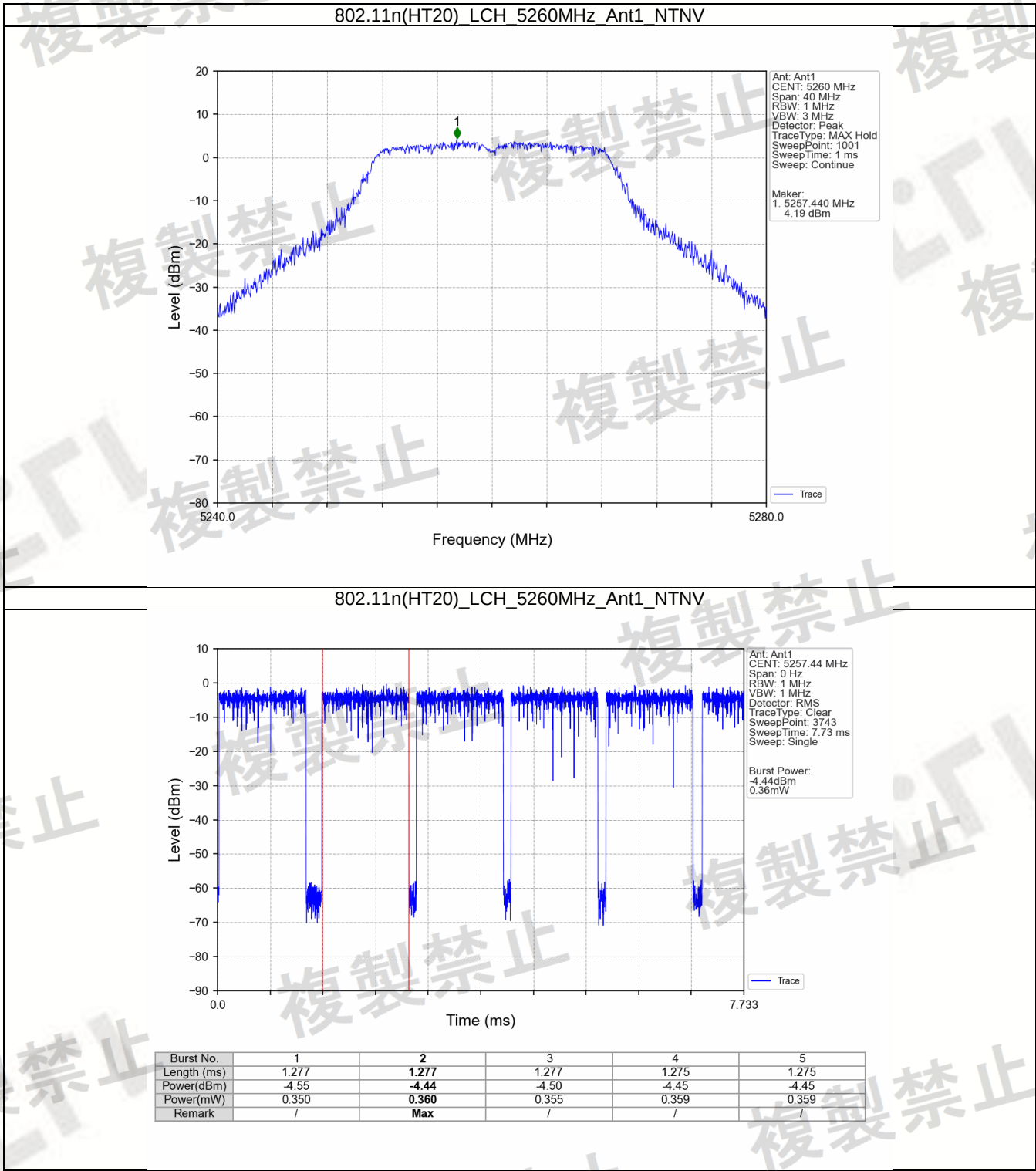


Burst No.	1	2	3	4
Length (ms)	1.366	1.366	1.364	1.366
Power(dBm)	-4.24	-4.21	-4.21	-4.26
Power(mW)	0.376	0.379	0.380	0.375
Remark	/	/	Max	/

MIC: 219-269221

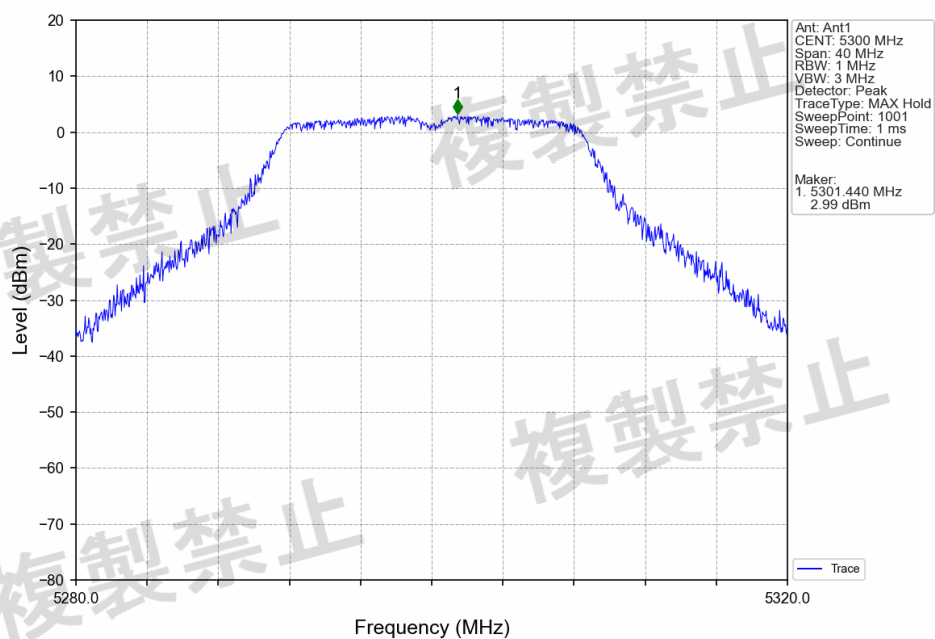


MIC: 219-269221

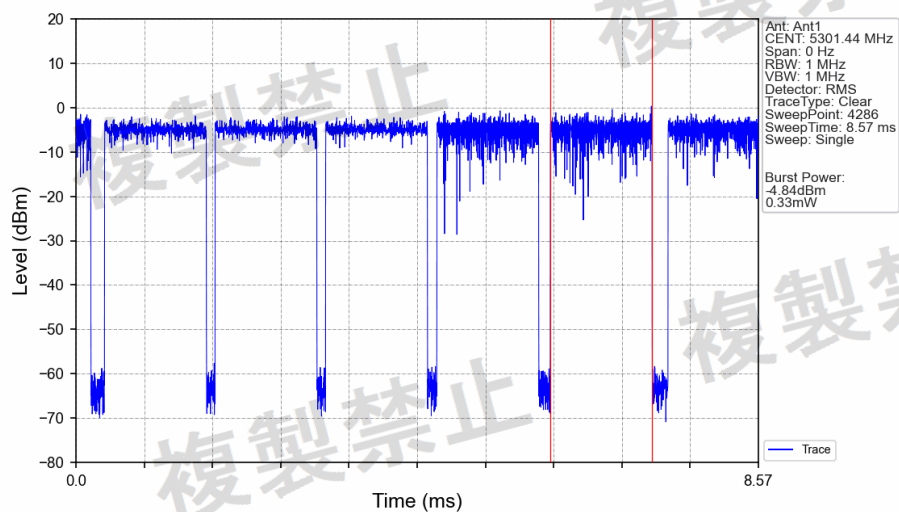


MIC: 219-269221

802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



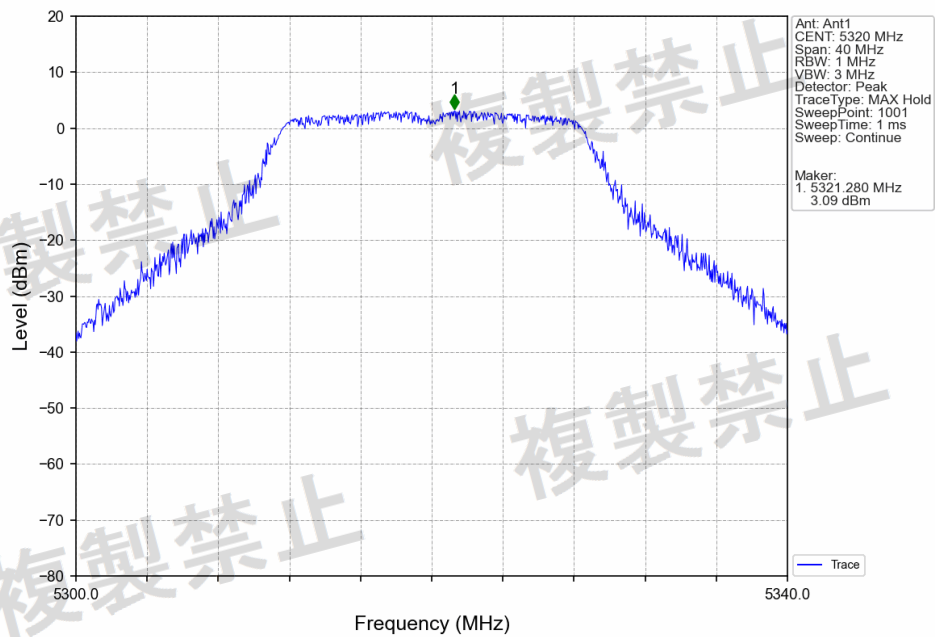
802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



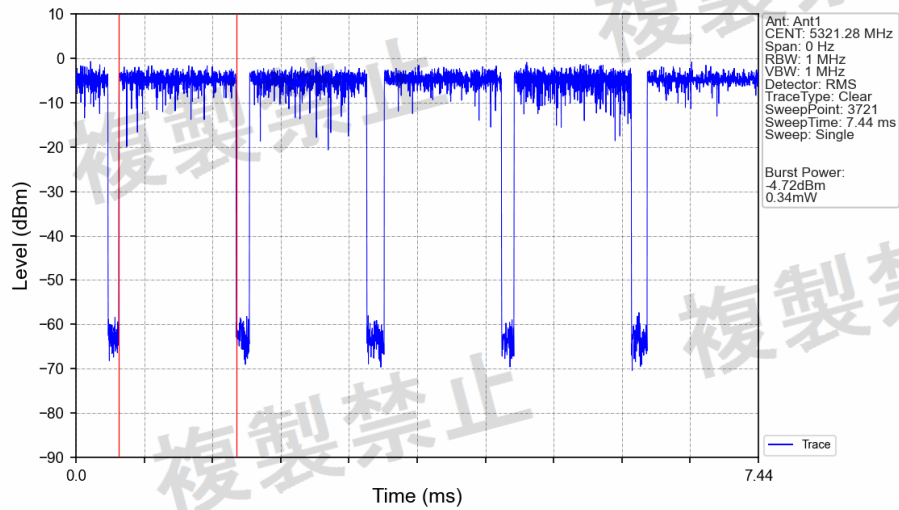
Burst No.	1	2	3	4	5
Length (ms)	1.278	1.278	1.278	1.278	1.278
Power(dBm)	-4.96	-4.85	-4.85	-4.87	-4.84
Power(mW)	0.319	0.328	0.328	0.326	0.328
Remark	/	/	/	/	Max

MIC: 219-269221

802.11n(HT20) HCH 5320MHz_Ant1_NTNV



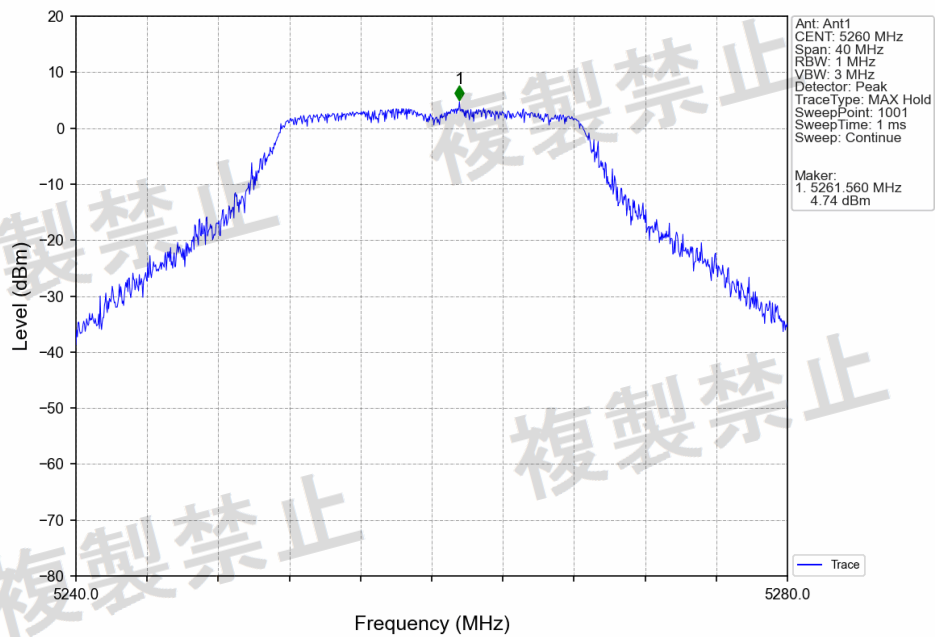
802.11n(HT20) HCH 5320MHz_Ant1_NTNV



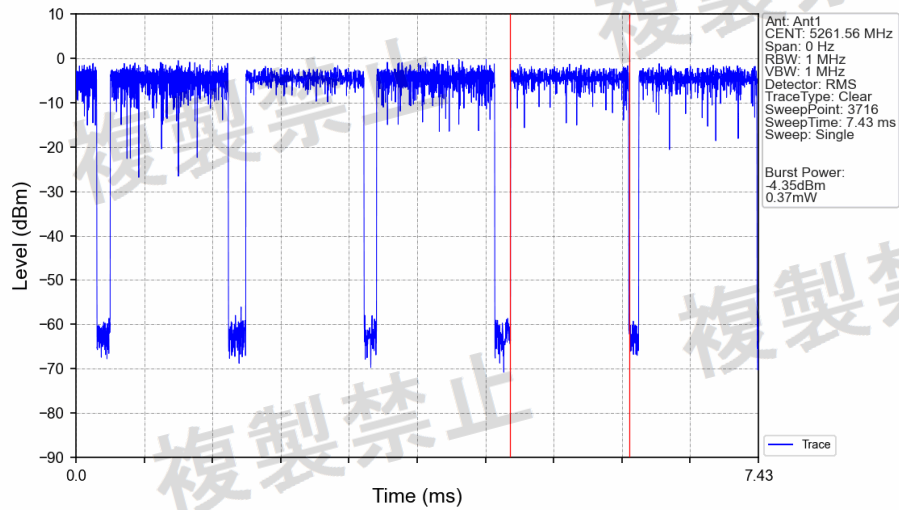
Burst No.	1	2	3	4
Length (ms)	1.278	1.278	1.278	1.278
Power(dBm)	-4.72	-4.79	-4.74	-4.77
Power(mW)	0.337	0.332	0.336	0.333
Remark	Max	/	/	/

MIC: 219-269221

802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV



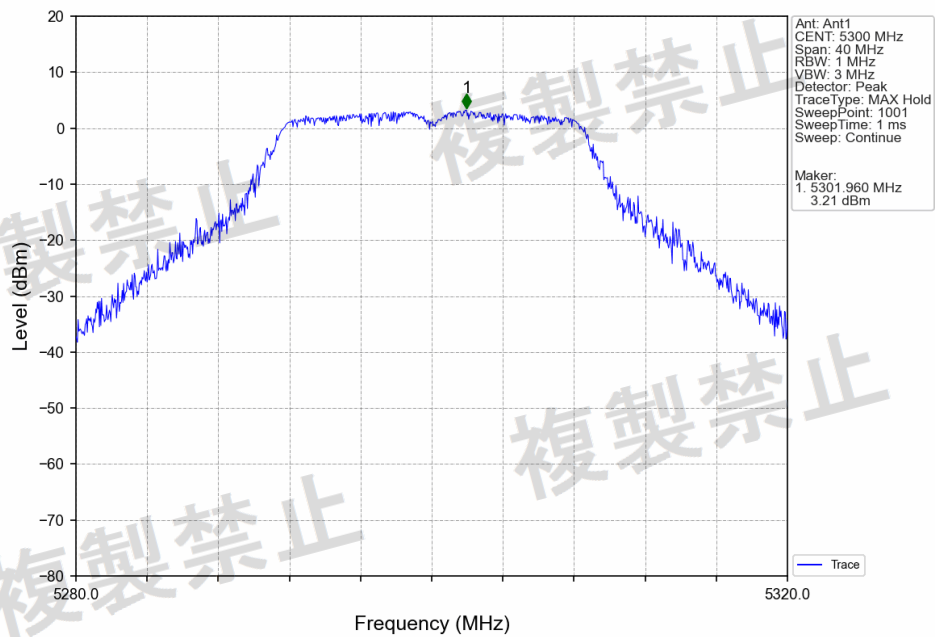
802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV



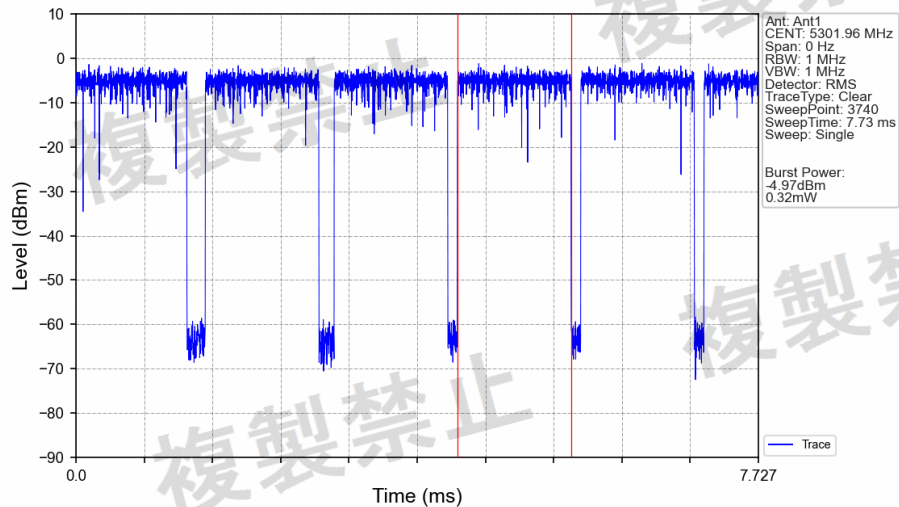
Burst No.	1	2	3	4
Length (ms)	1.292	1.294	1.292	1.294
Power(dBm)	-4.50	-4.44	-4.38	-4.35
Power(mW)	0.355	0.360	0.365	0.368
Remark	/	/	/	Max

MIC: 219-269221

802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV



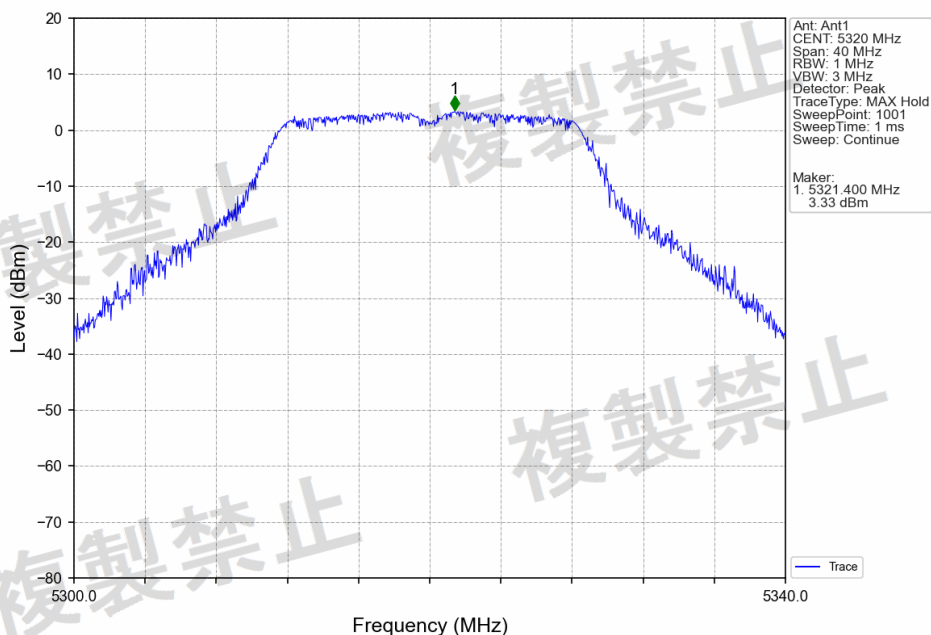
802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV



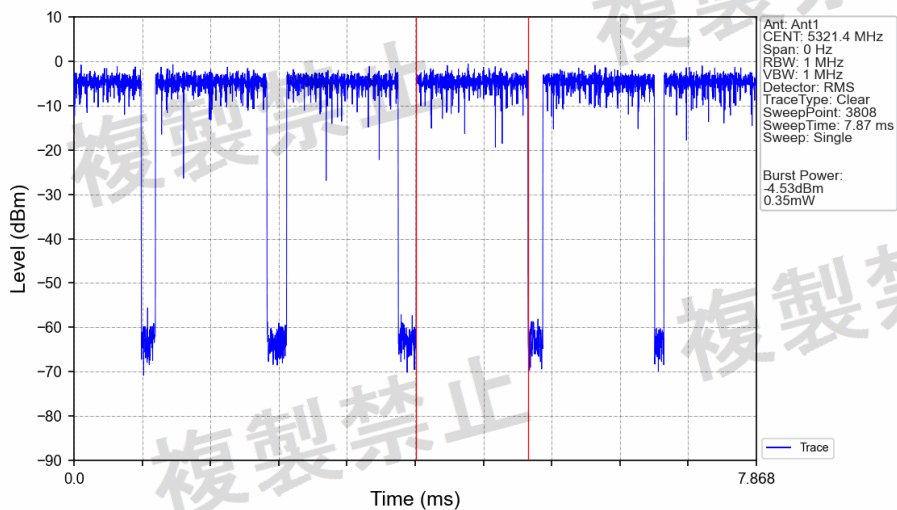
Burst No.	1	2	3	4
Length (ms)	1.285	1.285	1.285	1.285
Power(dBm)	-5.08	-5.02	-4.97	-4.98
Power(mW)	0.311	0.315	0.318	0.318
Remark	/	/	Max	/

MIC: 219-269221

802.11ac(VHT20) HCH 5320MHz Ant1_NTNV



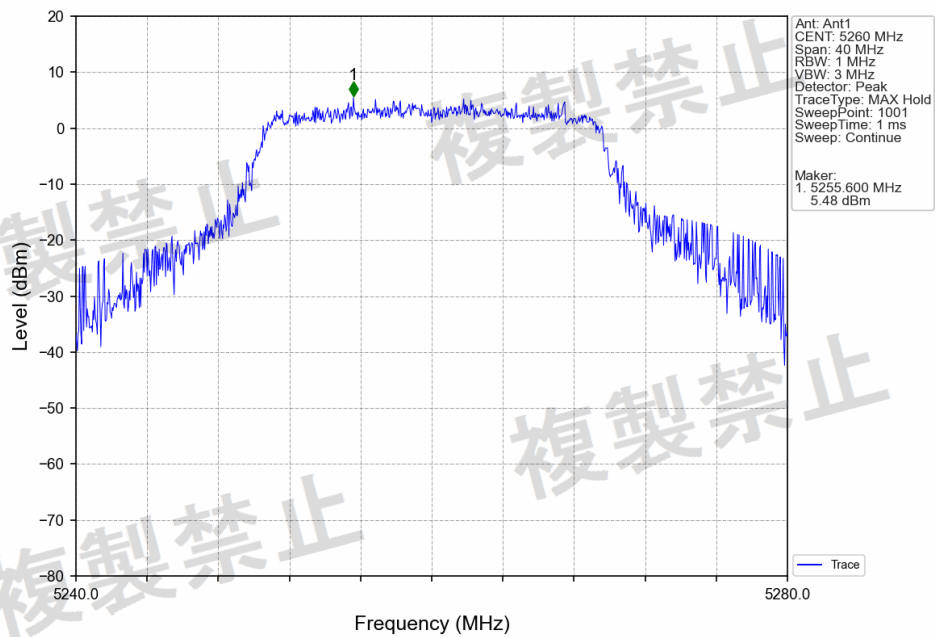
802.11ac(VHT20) HCH 5320MHz Ant1_NTNV



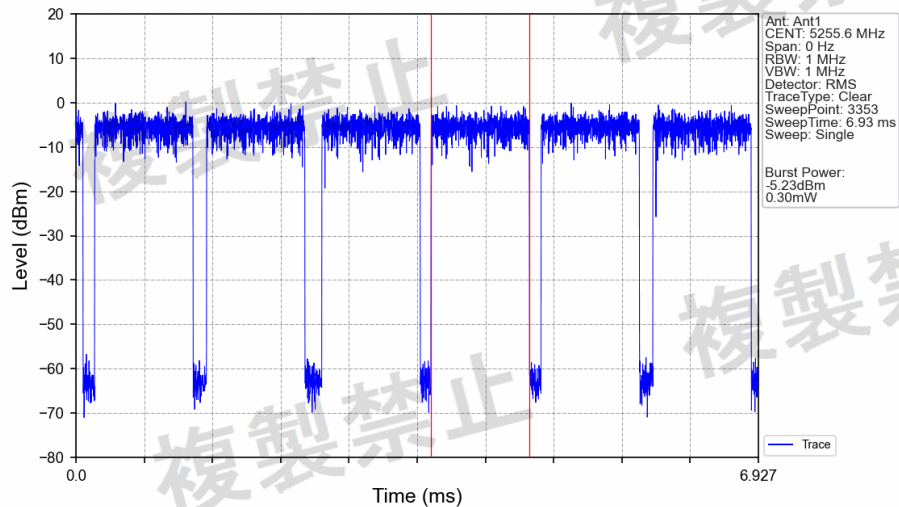
Burst No.	1	2	3	4
Length (ms)	1.285	1.285	1.288	1.288
Power(dBm)	-4.62	-4.60	-4.53	-4.59
Power(mW)	0.345	0.346	0.352	0.348
Remark	/	/	Max	/

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802.11ax(HEW20)_LCH_5260MHz_SU_/_Ant1_NTNV



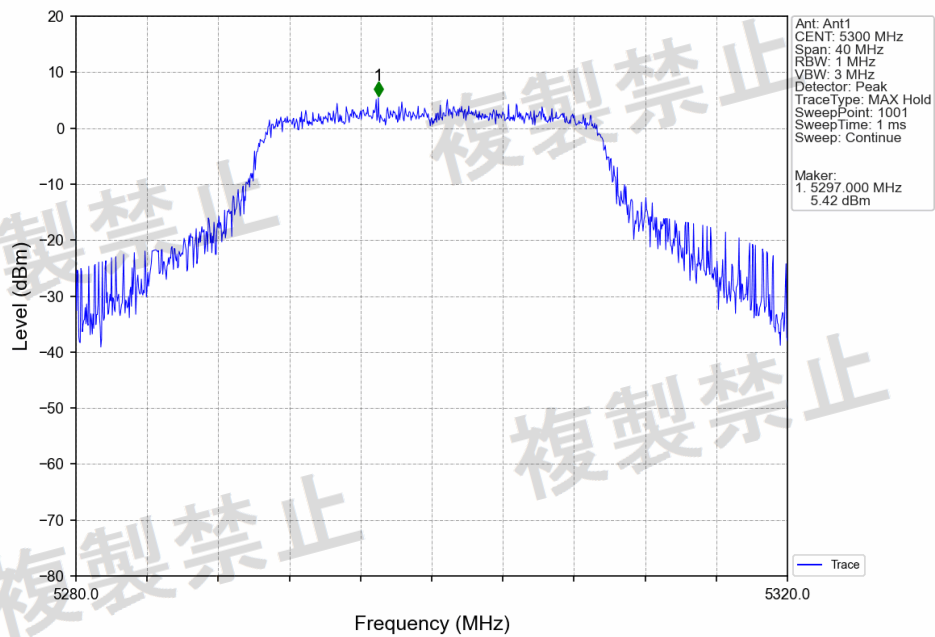
802.11ax(HEW20)_LCH_5260MHz_SU_/_Ant1_NTNV



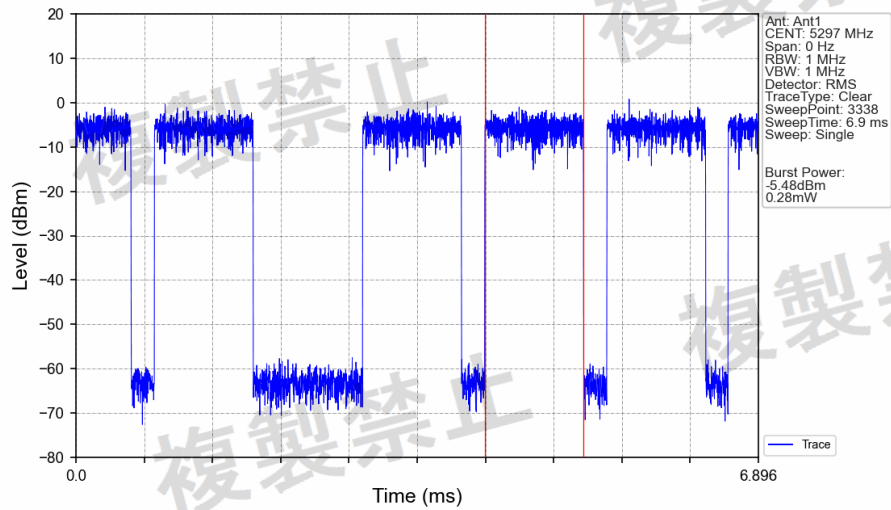
Burst No.	1	2	3	4	5	6
Length (ms)	0.998	0.996	0.998	0.998	0.996	0.998
Power(dBm)	-5.38	-5.30	-5.26	-5.23	-5.27	-5.31
Power(mW)	0.290	0.295	0.298	0.300	0.297	0.294
Remark	/	/	/	Max	/	/

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802.11ax(HEW20)_MCH_5300MHz_SU_ / Ant1_NTNV



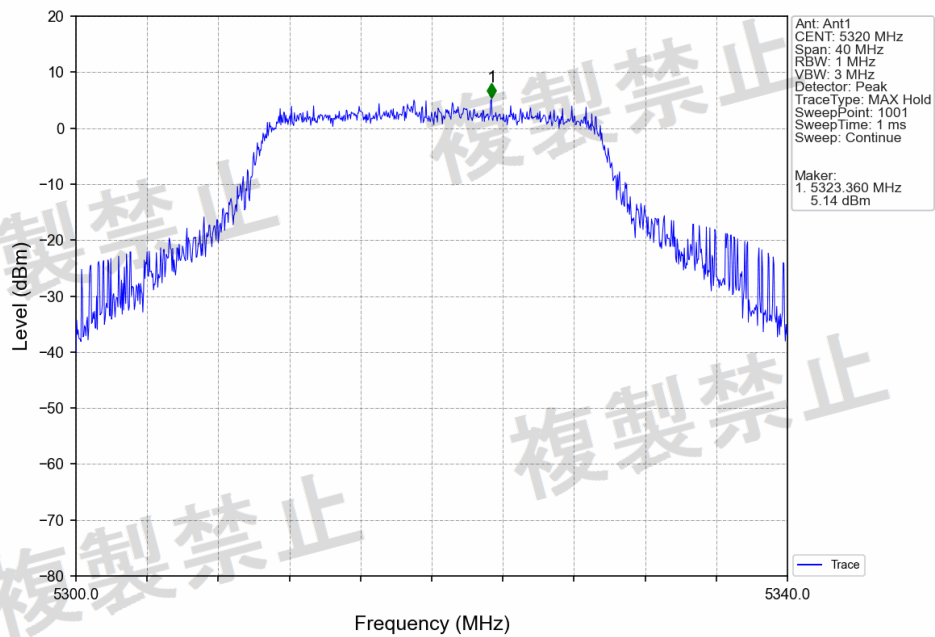
802.11ax(HEW20)_MCH_5300MHz_SU_ / Ant1_NTNV



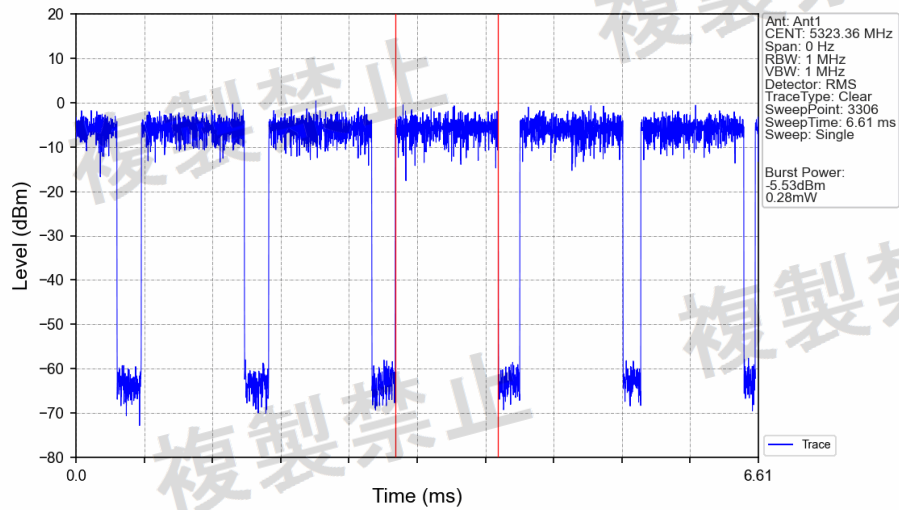
Burst No.	1	2	3	4
Length (ms)	0.996	0.998	0.998	0.998
Power(dBm)	-5.50	-5.51	-5.48	-5.50
Power(mW)	0.282	0.281	0.283	0.282
Remark	/	/	Max	/

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802.11ax(HEW20)_HCH_5320MHz_SU_ / Ant1_NTNV



802.11ax(HEW20)_HCH_5320MHz_SU_ / Ant1_NTNV



Burst No.	1	2	3	4	5
Length (ms)	0.998	0.998	0.996	0.998	0.996
Power(dBm)	-5.57	-5.56	-5.53	-5.56	-5.57
Power(mW)	0.277	0.278	0.280	0.278	0.278
Remark	/	/	Max	/	/

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4. Adjacent Channel Leakage Power

4.1 Test Result

4.1.1 ACLR_NTNV_SISO

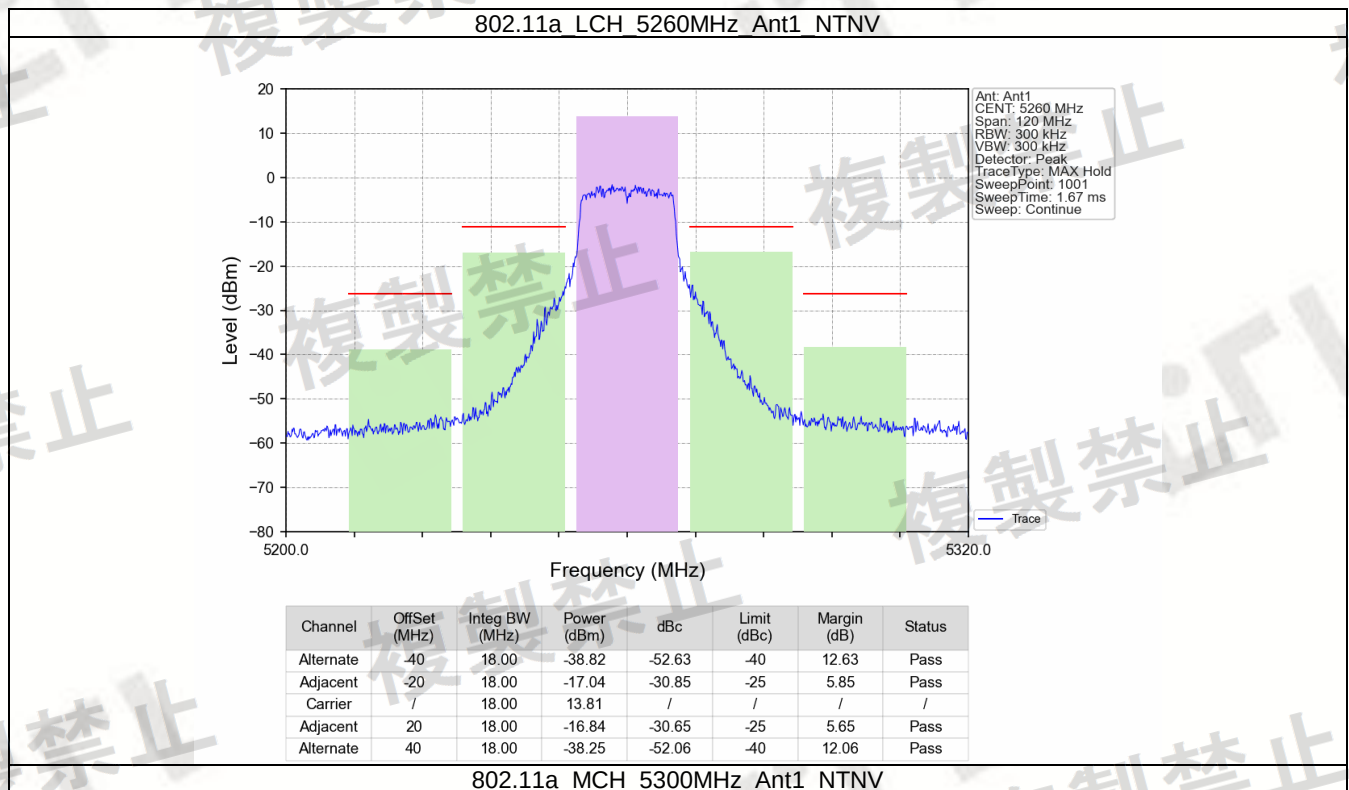
NTNV											
Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	Offset (MHz)	Integ BW (MHz)	Power (dBm)	Result (dBc)	Limit (dBc)	Verdict
802.11a	SISO	5260	/	/	1	-40	18	-38.82	-52.63	<=-40	Pass
						-20	18	-17.04	-30.85	<=-25	Pass
						0	18	13.81	/	/	/
						20	18	-16.84	-30.65	<=-25	Pass
						40	18	-38.25	-52.06	<=-40	Pass
		5300	/	/	1	-40	18	-39.30	-52.47	<=-40	Pass
						-20	18	-17.72	-30.89	<=-25	Pass
						0	18	13.17	/	/	/
						20	18	-17.45	-30.62	<=-25	Pass
						40	18	-38.42	-51.59	<=-40	Pass
		5320	/	/	1	-40	18	-38.58	-51.96	<=-40	Pass
						-20	18	-17.64	-31.02	<=-25	Pass
						0	18	13.38	/	/	/
						20	18	-17.42	-30.80	<=-25	Pass
						40	18	-37.81	-51.19	<=-40	Pass
802.11n (HT20)	SISO	5260	/	/	1	-40	18	-39.04	-52.29	<=-40	Pass
						-20	18	-16.32	-29.57	<=-25	Pass
						0	18	13.25	/	/	/
						20	18	-16.11	-29.36	<=-25	Pass
						40	18	-38.44	-51.69	<=-40	Pass
		5300	/	/	1	-40	18	-39.51	-52.18	<=-40	Pass
						-20	18	-17.20	-29.87	<=-25	Pass
						0	18	12.67	/	/	/
						20	18	-16.72	-29.39	<=-25	Pass
						40	18	-38.52	-51.19	<=-40	Pass
		5320	/	/	1	-40	18	-38.97	-51.76	<=-40	Pass
						-20	18	-17.26	-30.05	<=-25	Pass
						0	18	12.79	/	/	/
						20	18	-17.07	-29.86	<=-25	Pass
						40	18	-38.15	-50.94	<=-40	Pass
802.11ac (VHT20)	SISO	5260	/	/	1	-40	18	-38.77	-51.89	<=-40	Pass
						-20	18	-16.48	-29.60	<=-25	Pass
						0	18	13.12	/	/	/
						20	18	-16.77	-29.89	<=-25	Pass
						40	18	-38.13	-51.25	<=-40	Pass
		5300	/	/	1	-40	18	-39.41	-52.13	<=-40	Pass
						-20	18	-17.14	-29.86	<=-25	Pass
						0	18	12.72	/	/	/
						20	18	-17.00	-29.72	<=-25	Pass
						40	18	-38.72	-51.44	<=-40	Pass
		5320	/	/	1	-40	18	-39.49	-52.55	<=-40	Pass
						-20	18	-16.61	-29.67	<=-25	Pass
						0	18	13.06	/	/	/
						20	18	-16.93	-29.99	<=-25	Pass

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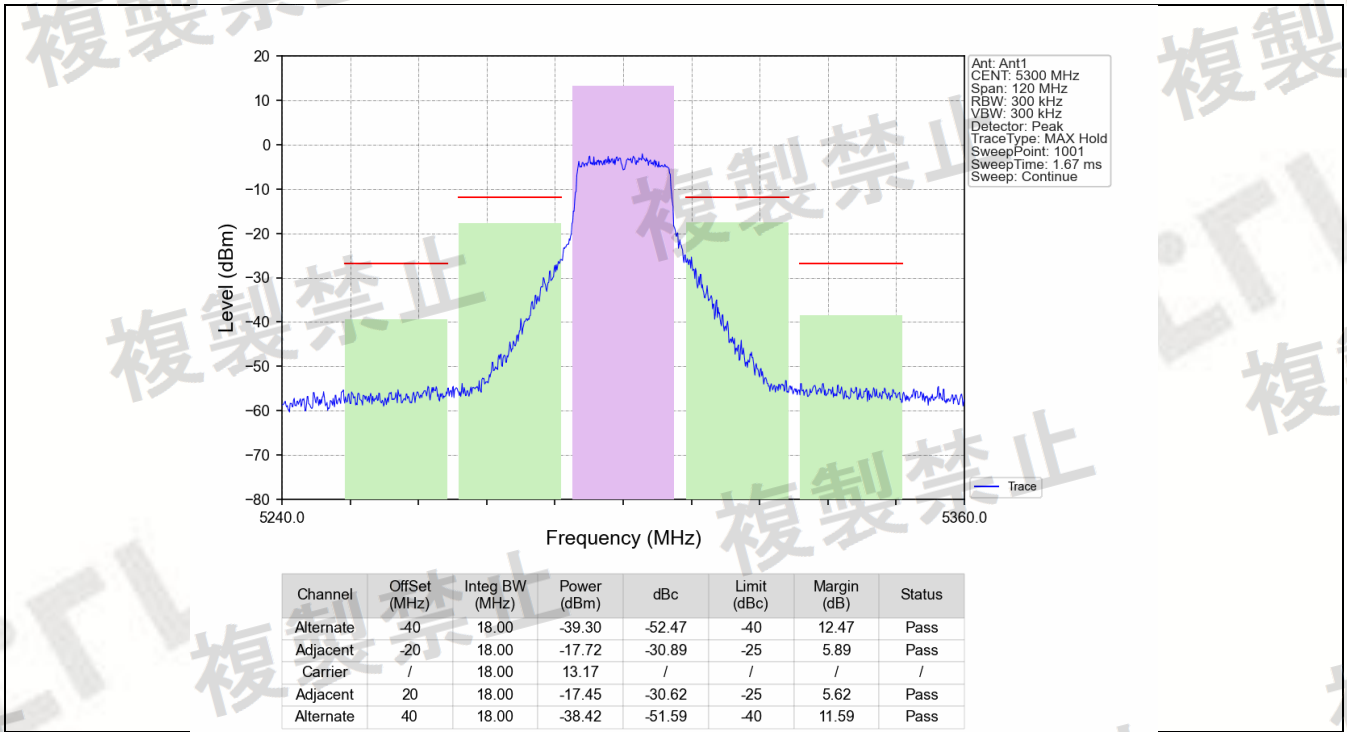
802.11ax (HEW20)	SISO	5260	SU	/	1	40	18	-38.69	-51.75	<=-40	Pass
						-40	20	-38.08	-52.27	<=-40	Pass
						-20	20	-13.62	-27.81	<=-25	Pass
						0	20	14.19	/	/	/
						20	20	-11.15	-25.34	<=-25	Pass
		5300	SU	/	1	40	20	-37.38	-51.57	<=-40	Pass
						-40	20	-39.02	-52.58	<=-40	Pass
						-20	20	-13.16	-26.72	<=-25	Pass
						0	20	13.56	/	/	/
						20	20	-12.32	-25.88	<=-25	Pass
		5320	SU	/	1	40	20	-38.28	-51.84	<=-40	Pass
						-40	20	-39.02	-52.83	<=-40	Pass
						-20	20	-12.66	-26.47	<=-25	Pass
						0	20	13.81	/	/	/
						20	20	-12.37	-26.18	<=-25	Pass
						40	20	-38.16	-51.97	<=-40	Pass

4.2 Test Graph

4.2.1 ACLR_NTNV_SISO

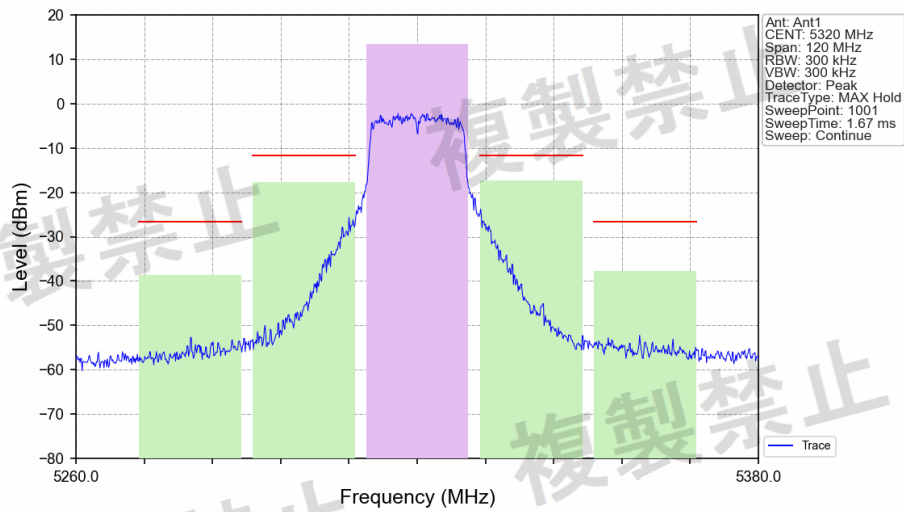


MIC: 219-269221



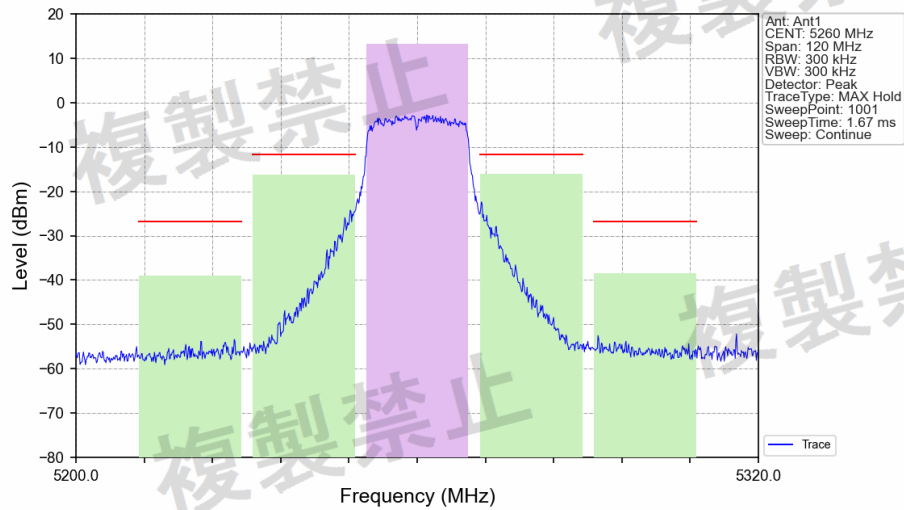
MIC: 219-269221

802.11a_HCH_5320MHz_Ant1_NTNV



Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Alternate	-40	18.00	-38.58	-51.96	-40	11.96	Pass
Adjacent	-20	18.00	-17.64	-31.02	-25	6.02	Pass
Carrier	/	18.00	13.38	/	/	/	/
Adjacent	20	18.00	-17.42	-30.80	-25	5.80	Pass
Alternate	40	18.00	-37.81	-51.19	-40	11.19	Pass

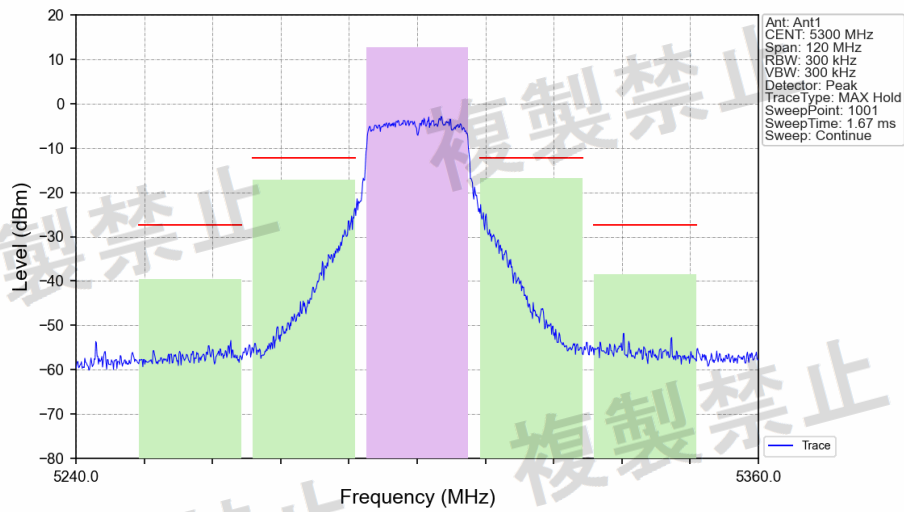
802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Alternate	-40	18.00	-39.04	-52.29	-40	12.29	Pass
Adjacent	-20	18.00	-16.32	-29.57	-25	4.57	Pass
Carrier	/	18.00	13.25	/	/	/	/
Adjacent	20	18.00	-16.11	-29.36	-25	4.36	Pass
Alternate	40	18.00	-38.44	-51.69	-40	11.69	Pass

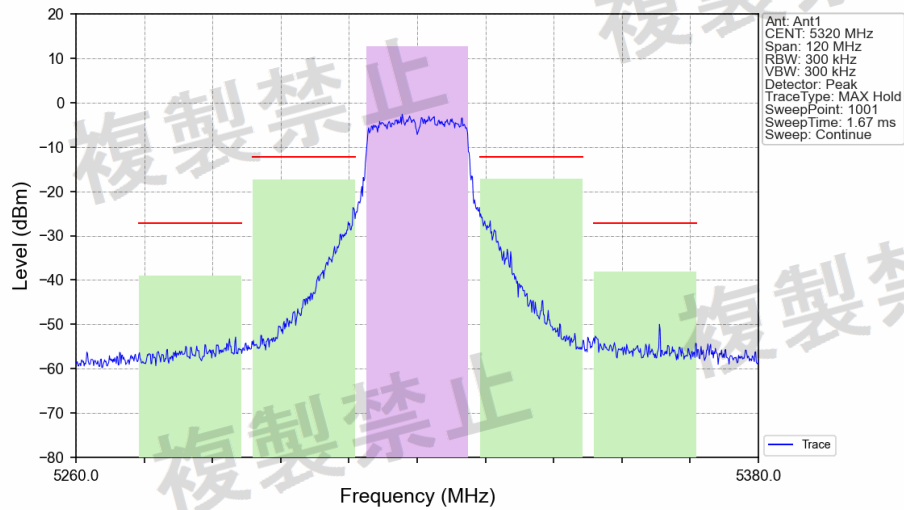
MIC: 219-269221

802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Alternate	-40	18.00	-39.51	-52.18	-40	12.18	Pass
Adjacent	-20	18.00	-17.20	-29.87	-25	4.87	Pass
Carrier	/	18.00	12.67	/	/	/	/
Adjacent	20	18.00	-16.72	-29.39	-25	4.39	Pass
Alternate	40	18.00	-38.52	-51.19	-40	11.19	Pass

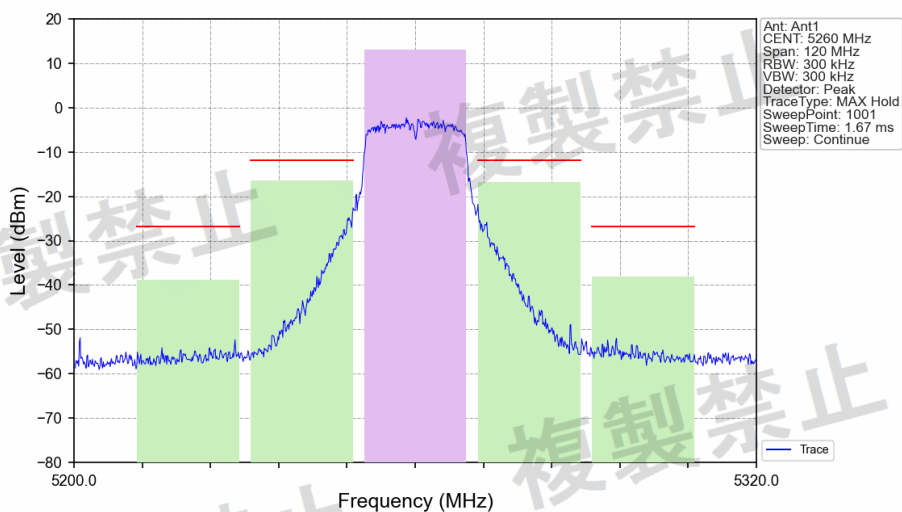
802.11n(HT20)_HCH_5320MHz_Ant1_NTNV



Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Alternate	-40	18.00	-38.97	-51.76	-40	11.76	Pass
Adjacent	-20	18.00	-17.26	-30.05	-25	5.05	Pass
Carrier	/	18.00	12.79	/	/	/	/
Adjacent	20	18.00	-17.07	-29.86	-25	4.86	Pass
Alternate	40	18.00	-38.15	-50.94	-40	10.94	Pass

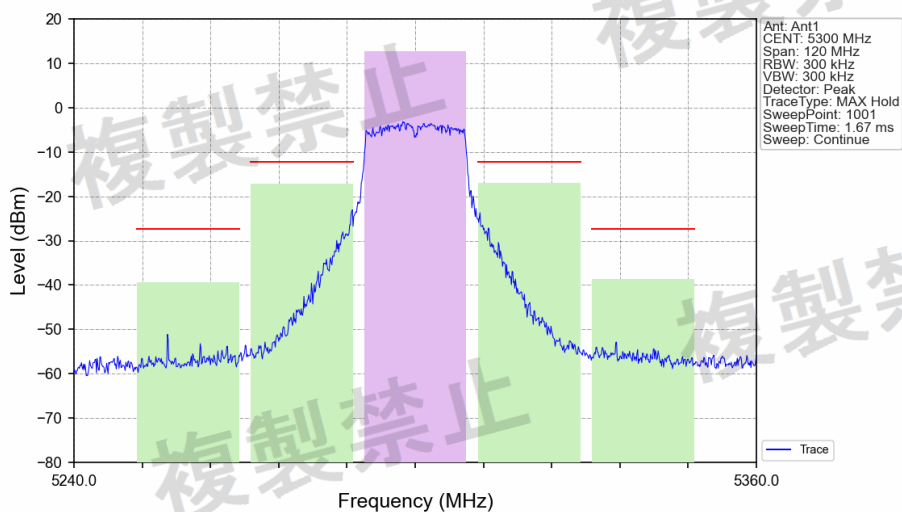
MIC: 219-269221

802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV



Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Alternate	-40	18.00	-38.77	-51.89	-40	11.89	Pass
Adjacent	-20	18.00	-16.48	-29.60	-25	4.60	Pass
Carrier	/	18.00	13.12	/	/	/	/
Adjacent	20	18.00	-16.77	-29.89	-25	4.89	Pass
Alternate	40	18.00	-38.13	-51.25	-40	11.25	Pass

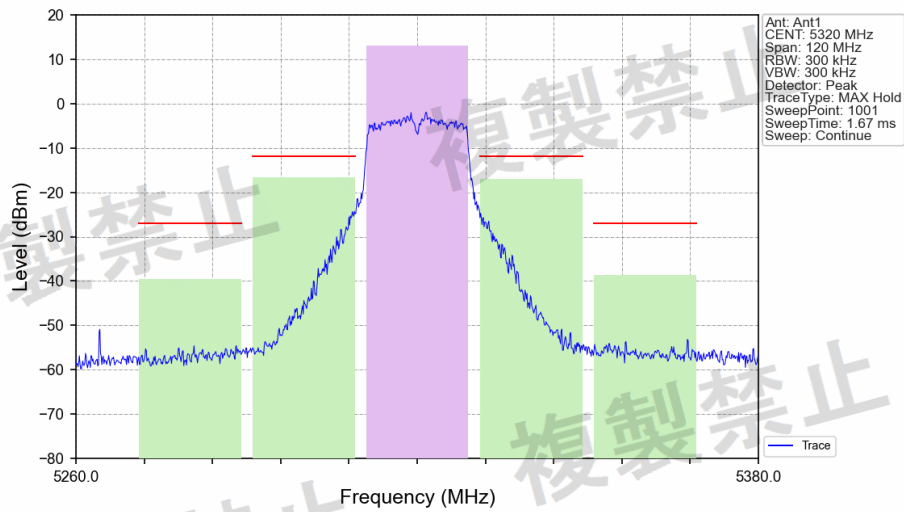
802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV



Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Alternate	-40	18.00	-39.41	-52.13	-40	12.13	Pass
Adjacent	-20	18.00	-17.14	-29.86	-25	4.86	Pass
Carrier	/	18.00	12.72	/	/	/	/
Adjacent	20	18.00	-17.00	-29.72	-25	4.72	Pass
Alternate	40	18.00	-38.72	-51.44	-40	11.44	Pass

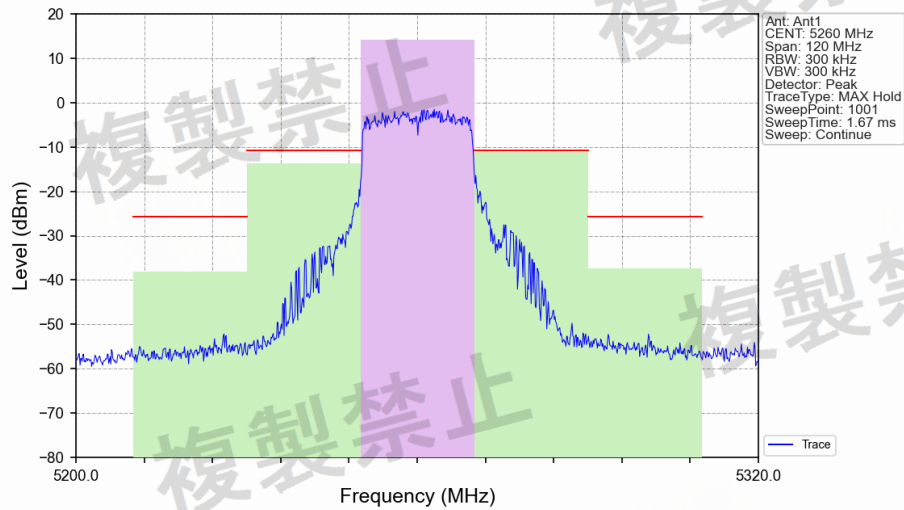
MIC: 219-269221

802.11ac(VHT20) HCH 5320MHz Ant1_NTNV



Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Alternate	-40	18.00	-39.49	-52.55	-40	12.55	Pass
Adjacent	-20	18.00	-16.61	-29.67	-25	4.67	Pass
Carrier	/	18.00	13.06	/	/	/	/
Adjacent	20	18.00	-16.93	-29.99	-25	4.99	Pass
Alternate	40	18.00	-38.69	-51.75	-40	11.75	Pass

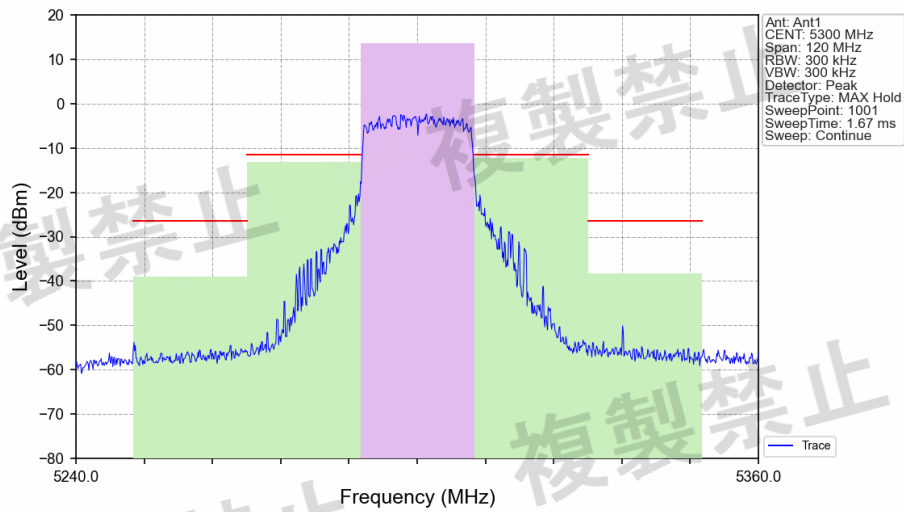
802.11ax(HEW20) LCH 5260MHz SU_ / Ant1_NTNV



Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Alternate	-40	20.00	-38.08	-52.27	-40	12.27	Pass
Adjacent	-20	20.00	-13.62	-27.81	-25	2.81	Pass
Carrier	/	20.00	14.19	/	/	/	/
Adjacent	20	20.00	-11.15	-25.34	-25	0.34	Pass
Alternate	40	20.00	-37.38	-51.57	-40	11.57	Pass

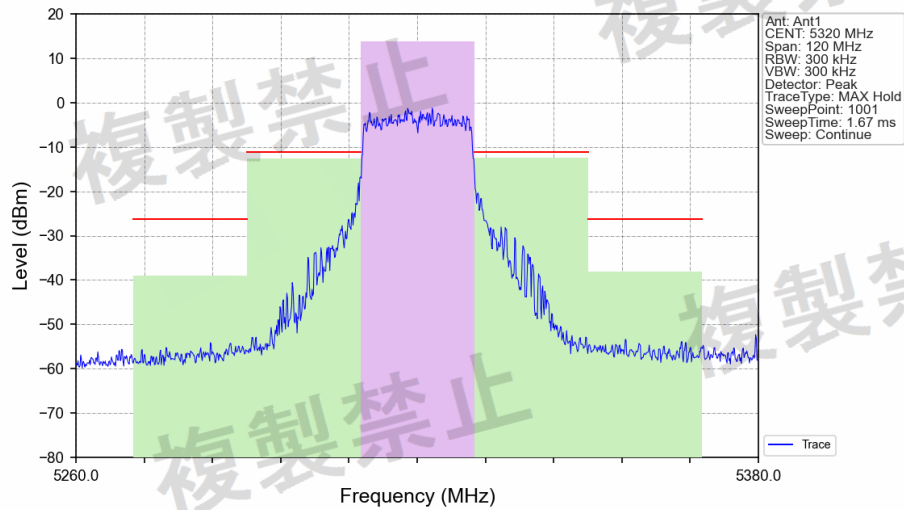
MIC: 219-269221

802.11ax(HEW20)_MCH_5300MHz_SU / Ant1_NTNV



Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Alternate	-40	20.00	-39.02	-52.58	-40	12.58	Pass
Adjacent	-20	20.00	-13.16	-26.72	-25	1.72	Pass
Carrier	/	20.00	13.56	/	/	/	/
Adjacent	20	20.00	-12.32	-25.88	-25	0.88	Pass
Alternate	40	20.00	-38.28	-51.84	-40	11.84	Pass

802.11ax(HEW20)_HCH_5320MHz_SU / Ant1_NTNV



Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Alternate	-40	20.00	-39.02	-52.83	-40	12.83	Pass
Adjacent	-20	20.00	-12.66	-26.47	-25	1.47	Pass
Carrier	/	20.00	13.81	/	/	/	/
Adjacent	20	20.00	-12.37	-26.18	-25	1.18	Pass
Alternate	40	20.00	-38.16	-51.97	-40	11.97	Pass

MIC: 219-269221

5. Out Of Bands Leakage Power

5.1 Test Result

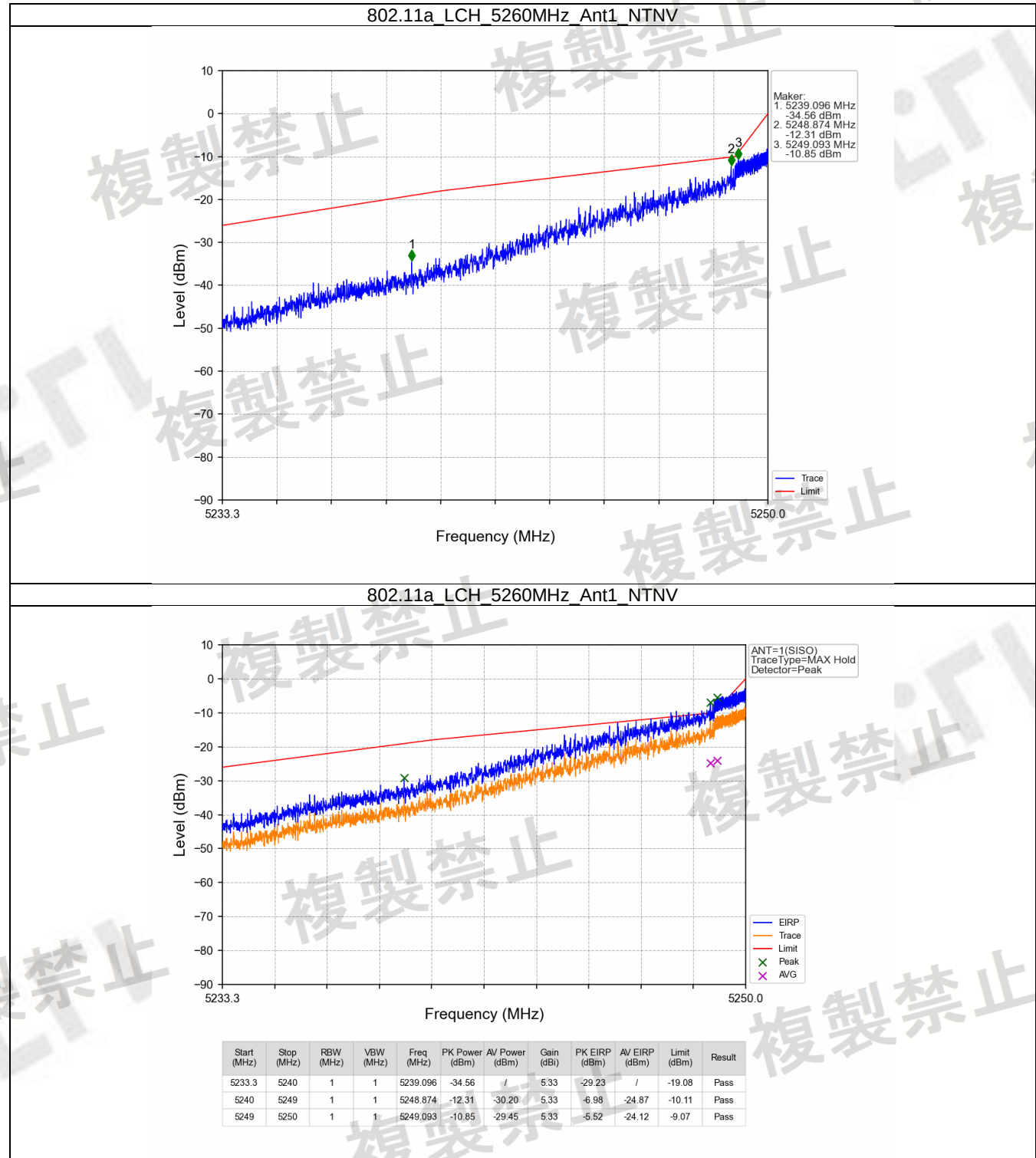
5.1.1 OOB_NTNV_SISO

NTNV														
Mode	TX Type	Freq. (MHz)	RU	RU Pos	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	5260	/	/	1	5233.3	5240	5239.096	-29.23	1.194	/	/	12.346	Pass
						5240	5249	5248.874	-6.98	200.447	-24.87	3.258	97.454	Pass
						5249	5250	5249.093	-5.52	280.543	-24.12	3.873	123.88	Pass
		5300	/	/	1	5233.3	5240	5234.767	-39.97	0.101	/	/	3.733	Pass
						5240	5249	5242.889	-40.51	0.089	/	/	28.629	Pass
						5249	5250	5249.63	-36.92	0.203	/	/	426.58	Pass
		5320	/	/	1	5233.3	5240	5233.863	-38.70	0.135	/	/	2.908	Pass
						5240	5249	5241.116	-40.96	0.080	/	/	19.916	Pass
						5249	5250	5249.2	-35.80	0.263	/	/	158.489	Pass
802.11n (HT20)	SISO	5260	/	/	1	5233.3	5240	5238.365	-28.94	1.276	/	/	10.088	Pass
						5240	5249	5248.928	-5.84	260.615	-24.08	3.908	98.537	Pass
						5249	5250	5249.004	-5.85	260.016	-23.56	4.406	100.925	Pass
		5300	/	/	1	5233.3	5240	5233.662	-36.34	0.232	/	/	2.751	Pass
						5240	5249	5246.282	-36.40	0.229	/	/	57.332	Pass
						5249	5250	5249.078	-33.49	0.448	/	/	119.674	Pass
		5320	/	/	1	5233.3	5240	5234.359	-41.07	0.078	/	/	3.335	Pass
						5240	5249	5240.954	-36.71	0.213	/	/	19.266	Pass
						5249	5250	5249.183	-35.63	0.274	/	/	152.405	Pass
802.11ac (VHT20)	SISO	5260	/	/	1	5233.3	5240	5236.724	-32.76	0.530	/	/	6.41	Pass
						5240	5249	5248.973	-7.30	186.209	-24.08	3.908	99.449	Pass
						5249	5250	5249	-6.11	244.906	-23.68	4.285	100	Pass
		5300	/	/	1	5233.3	5240	5234.627	-36.94	0.202	/	/	3.591	Pass
						5240	5249	5242.133	-37.28	0.187	/	/	24.524	Pass
						5249	5250	5249.074	-34.66	0.342	/	/	118.577	Pass
		5320	/	/	1	5233.3	5240	5236.342	-39.60	0.110	/	/	5.768	Pass
						5240	5249	5247.614	-35.59	0.276	/	/	75.301	Pass
						5249	5250	5249.067	-36.38	0.230	/	/	116.681	Pass
802.11ax (HEW20)	SISO	5260	SU	/	1	5233.3	5240	5239.404	-20.98	7.980	/	/	13.442	Pass
						5240	5249	5248.973	-5.78	264.241	-26.16	2.421	99.449	Pass
						5249	5249.8	5249.062	-3.11	488.652	-25.18	3.034	115.345	Pass
						5249.8	5250	5249.829	2.67	1849.269	-11.56	69.823	753.934	Pass
		5300	SU	/	1	5233.3	5240	5236.181	-36.88	0.205	/	/	5.517	Pass
						5240	5249	5241.152	-37.11	0.195	/	/	20.063	Pass
						5249	5249.8	5249.032	-36.19	0.240	/	/	107.647	Pass
						5249.8	5250	5249.854	-36.46	0.226	/	/	879.023	Pass
		5320	SU	/	1	5233.3	5240	5233.963	-39.43	0.114	/	/	2.989	Pass
						5240	5249	5248.145	-35.70	0.269	/	/	83.946	Pass
5249	5249.8	5249.178	-36.69	0.214	/	/	150.661	Pass						
5249.8	5250	5249.815	-36.60	0.219	/	/	691.831	Pass						

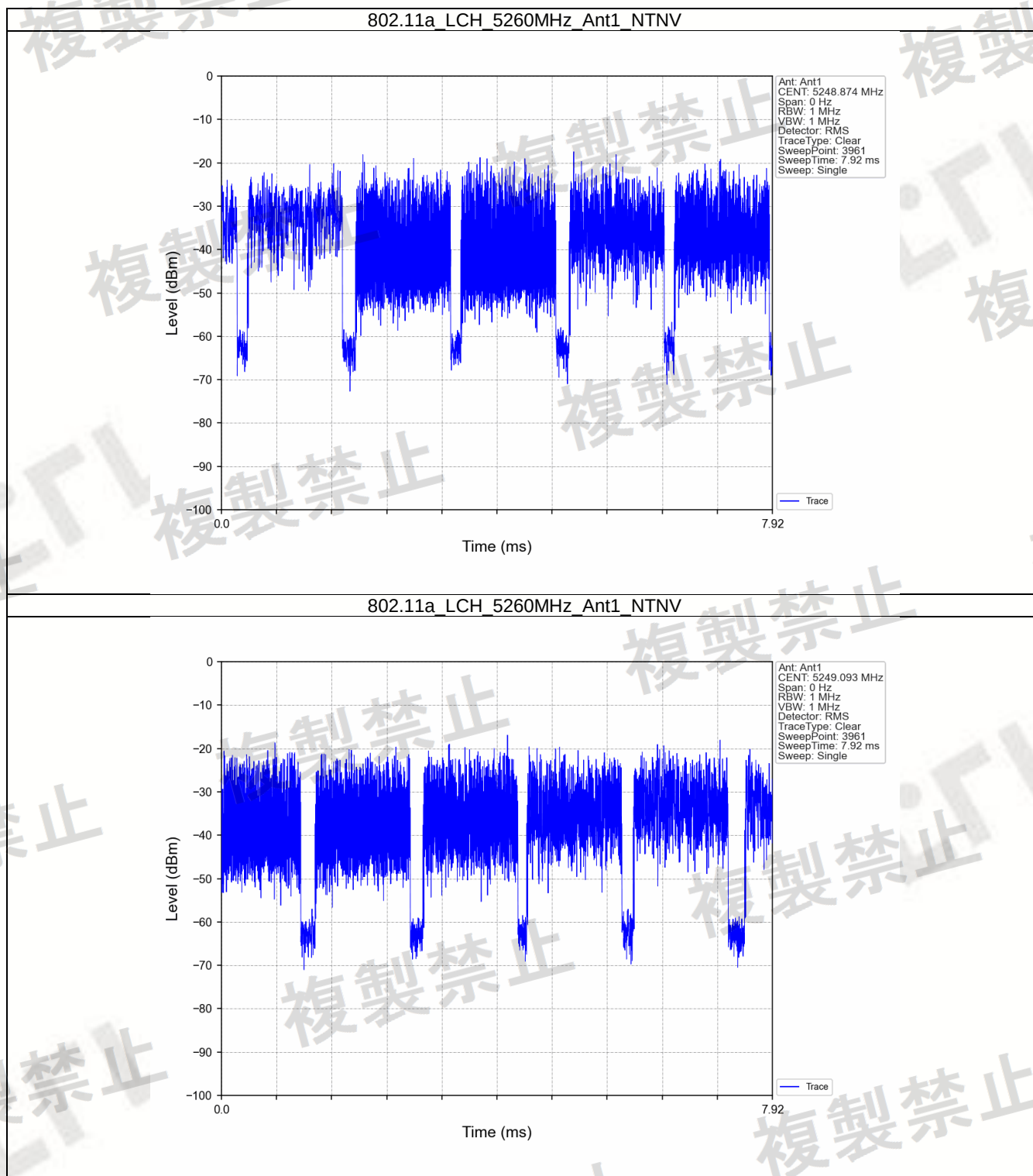
MIC: 219-269221

5.2 Test Graph

5.2.1 OOB_NTNV_SISO

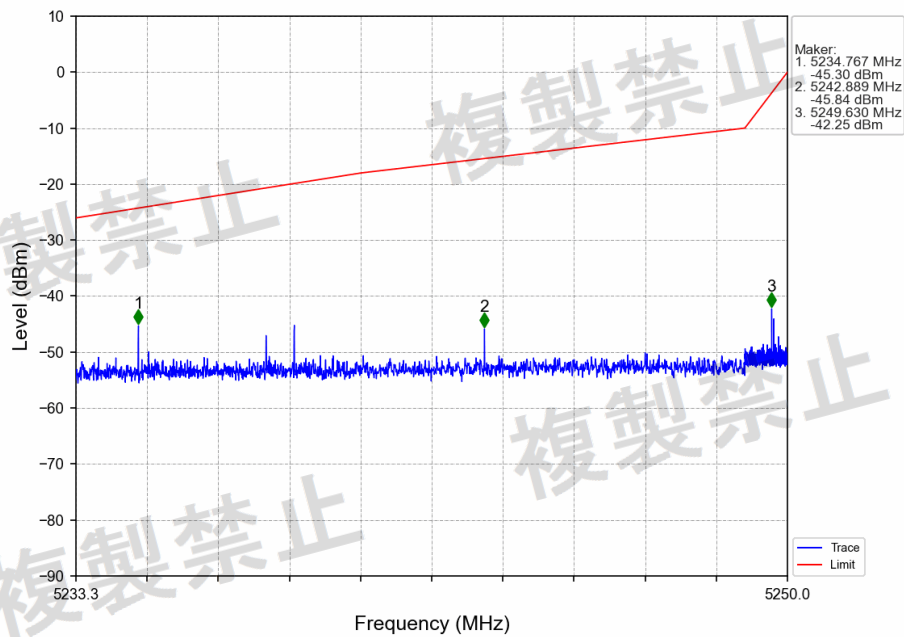


MIC: 219-269221

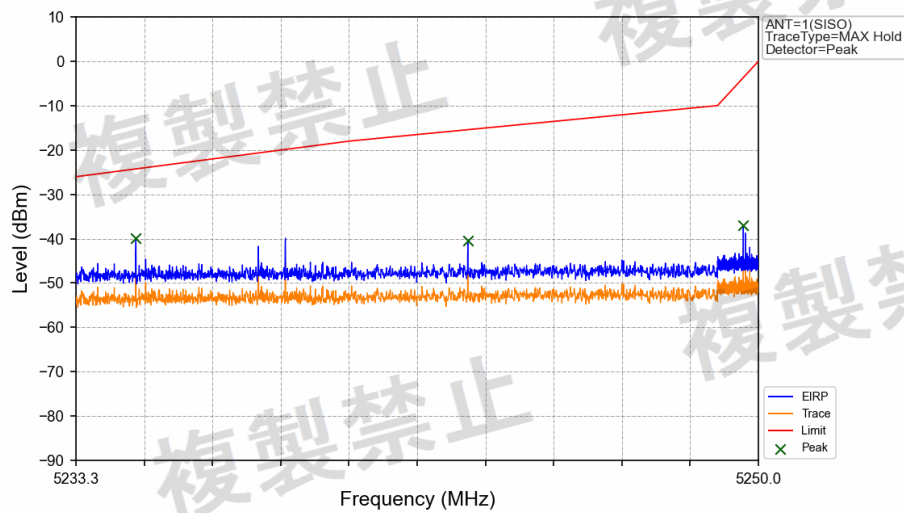


MIC: 219-269221

802.11a_MCH_5300MHz_Ant1_NTNV



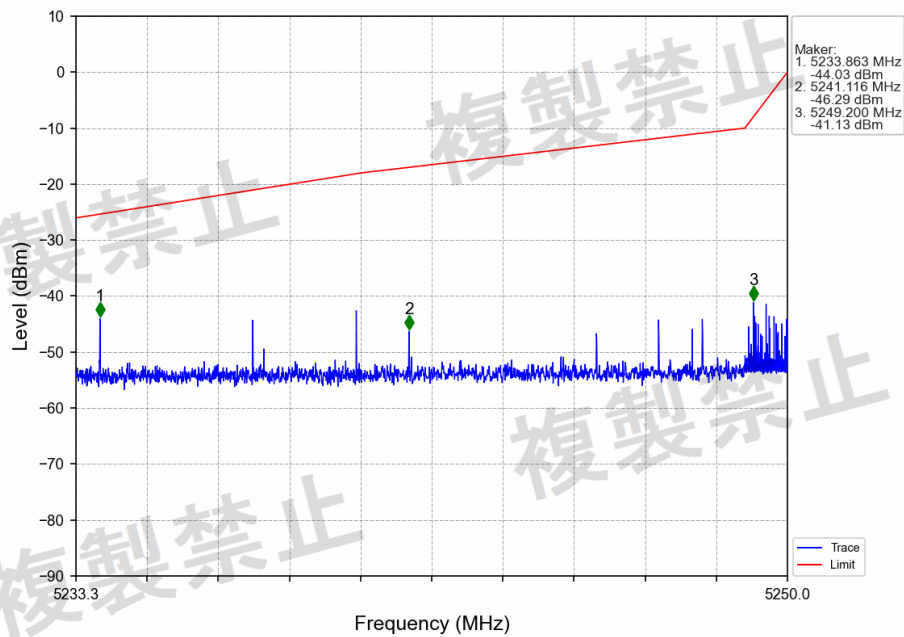
802.11a_MCH_5300MHz_Ant1_NTNV



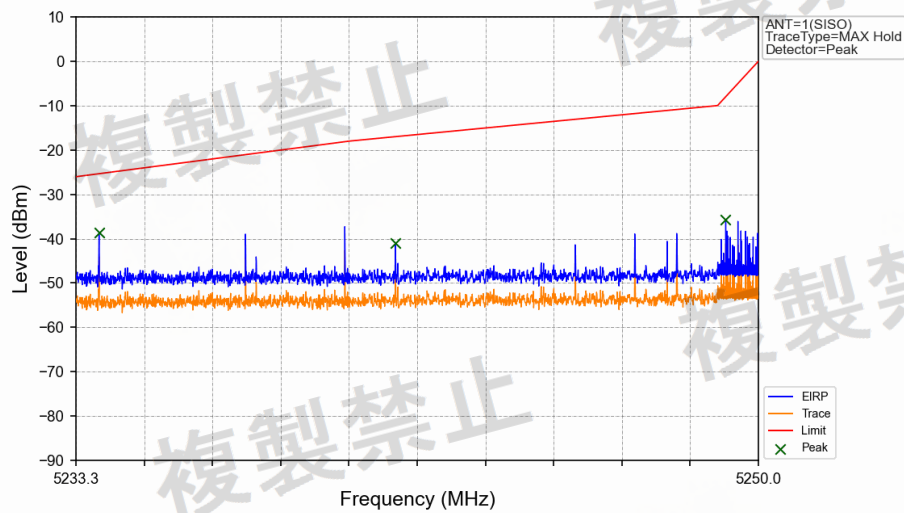
Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
5233.3	5240	1	1	5234.767	-45.30	/	5.33	-39.97	/	-24.28	Pass
5240	5249	1	1	5242.889	-45.84	/	5.33	-40.51	/	-15.43	Pass
5249	5250	1	1	5249.630	-42.25	/	5.33	-36.92	/	-3.7	Pass

MIC: 219-269221

802.11a_HCH_5320MHz_Ant1_NTNV

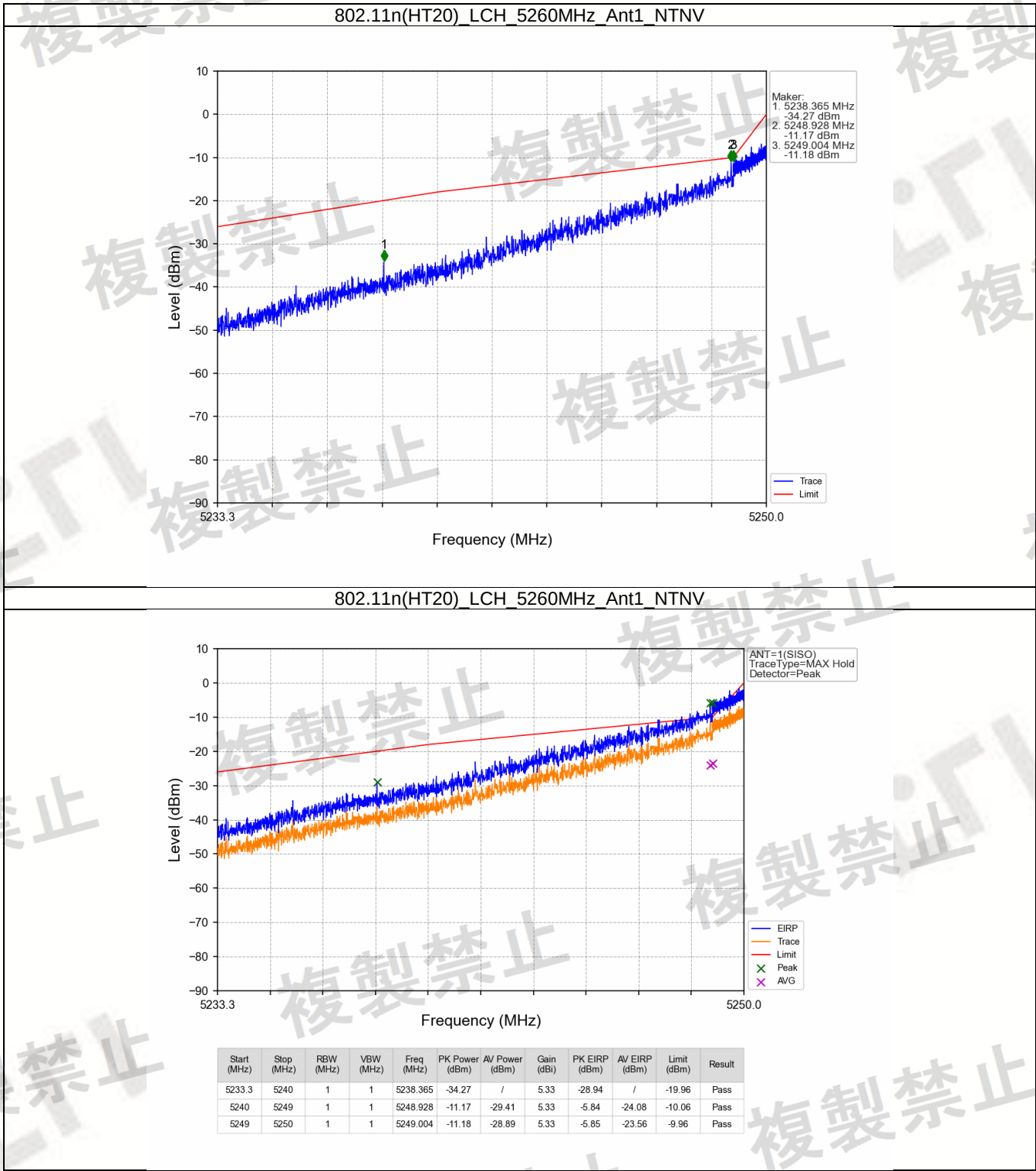


802.11a_HCH_5320MHz_Ant1_NTNV

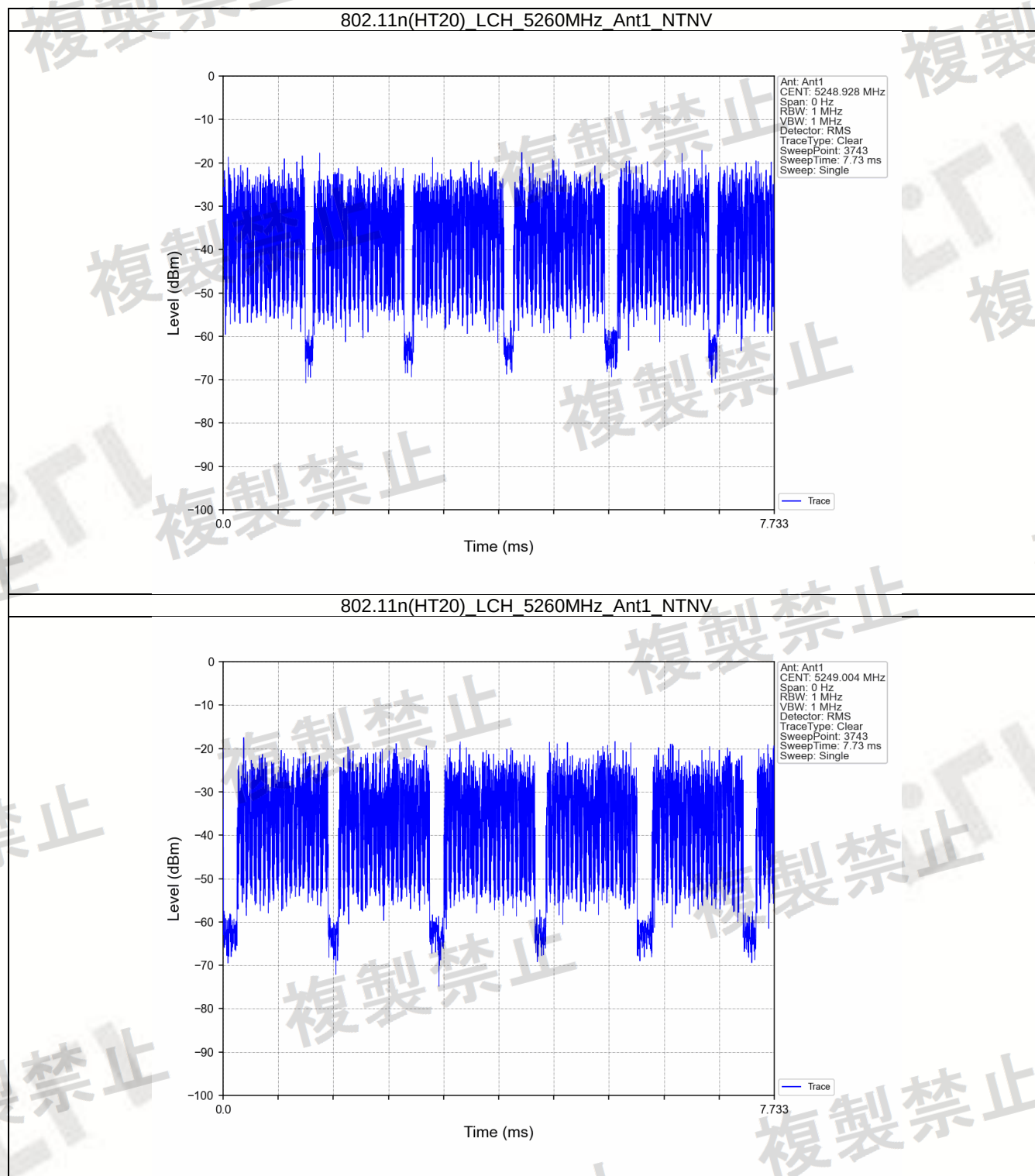


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
5233.3	5240	1	1	5233.863	-44.03	/	5.33	-38.70	/	-25.36	Pass
5240	5249	1	1	5241.116	-46.29	/	5.33	-40.96	/	-17.01	Pass
5249	5250	1	1	5249.200	-41.13	/	5.33	-35.80	/	-8	Pass

MIC: 219-269221

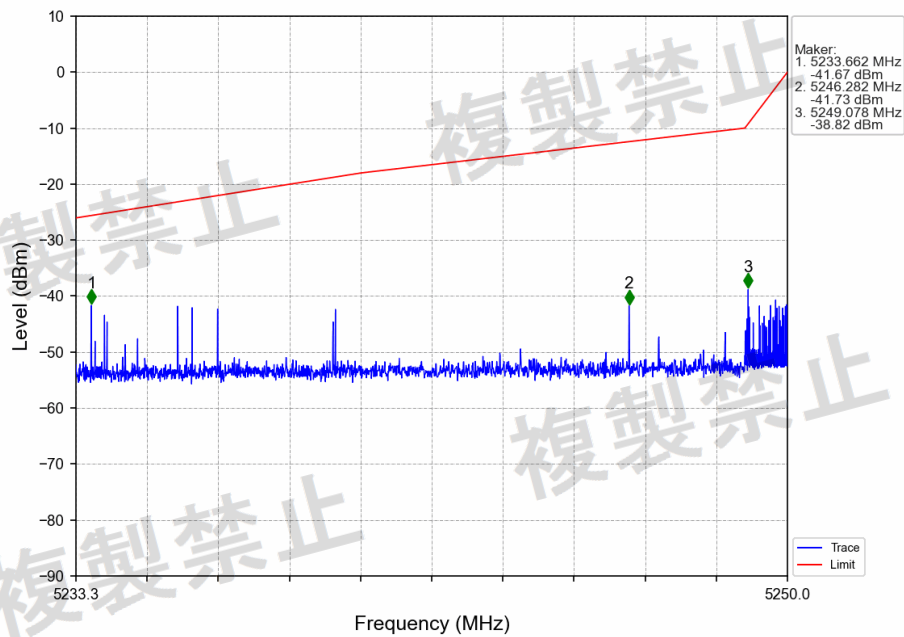


MIC: 219-269221

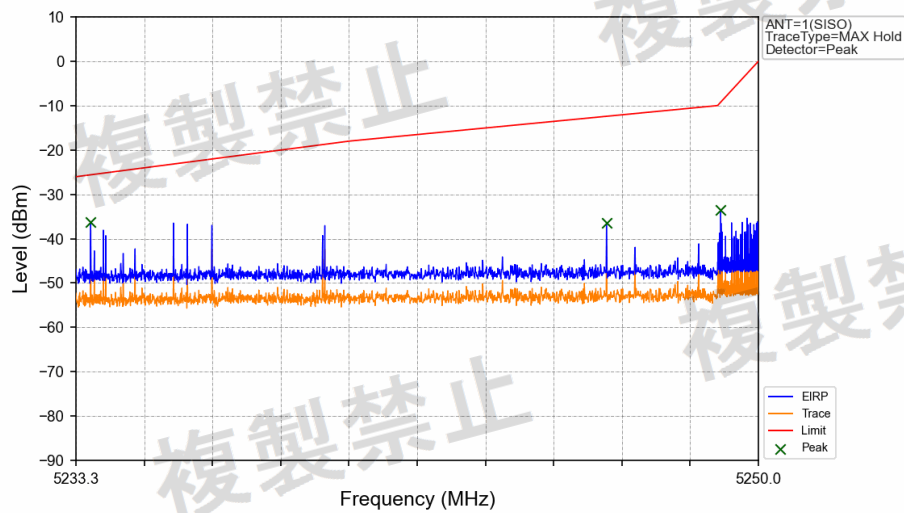


MIC: 219-269221

802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



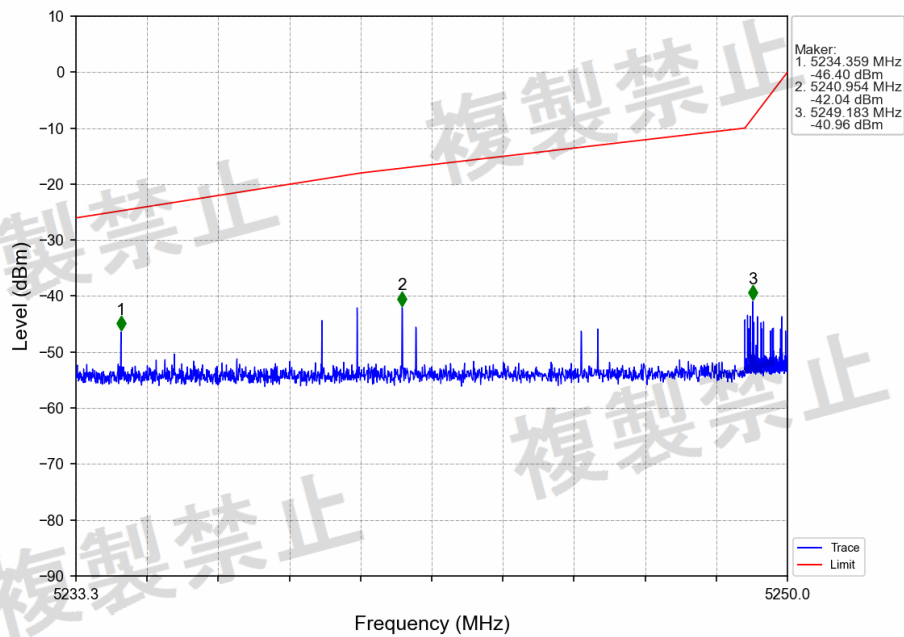
802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



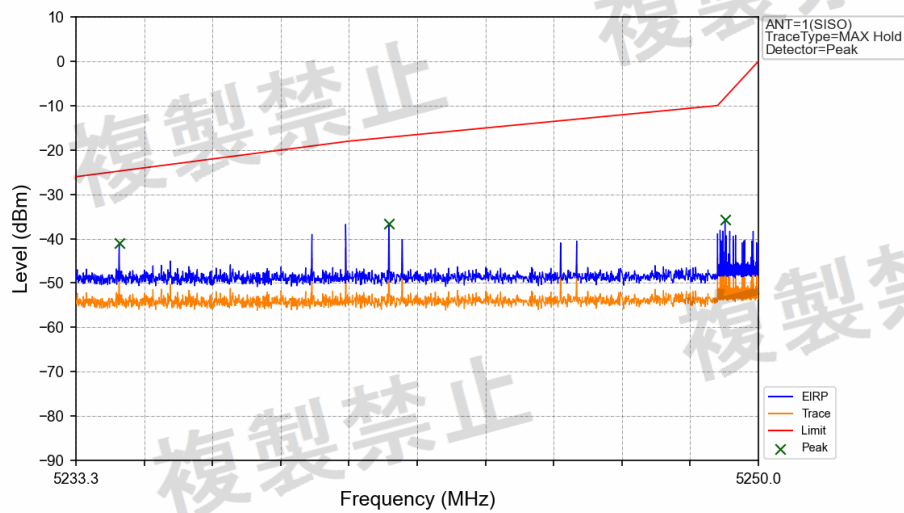
Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
5233.3	5240	1	1	5233.662	-41.67	/	5.33	-36.34	/	-25.61	Pass
5240	5249	1	1	5246.282	-41.73	/	5.33	-36.40	/	-12.42	Pass
5249	5250	1	1	5249.078	-38.82	/	5.33	-33.49	/	-9.22	Pass

MIC: 219-269221

802.11n(HT20) HCH 5320MHz_Ant1_NTNV



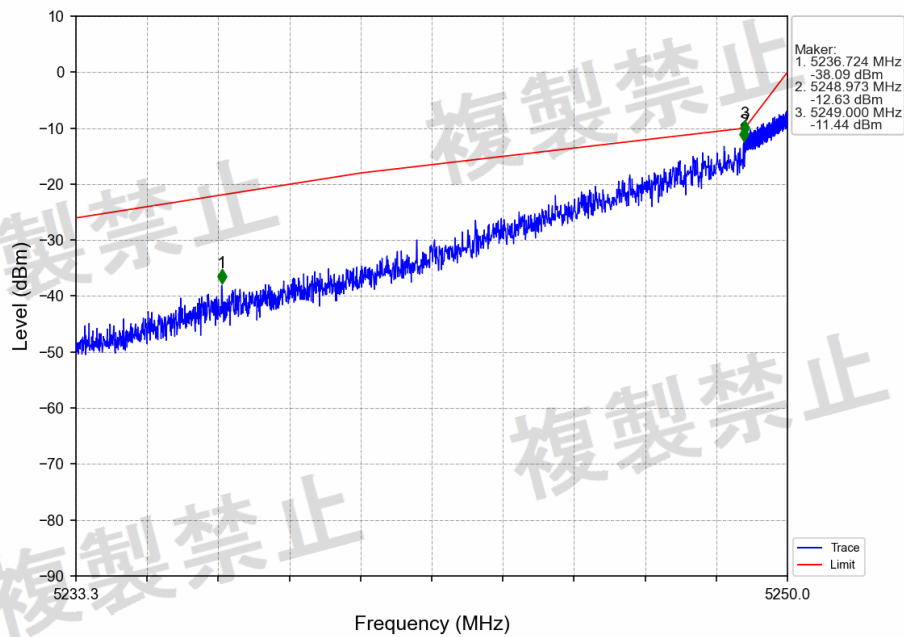
802.11n(HT20) HCH 5320MHz_Ant1_NTNV



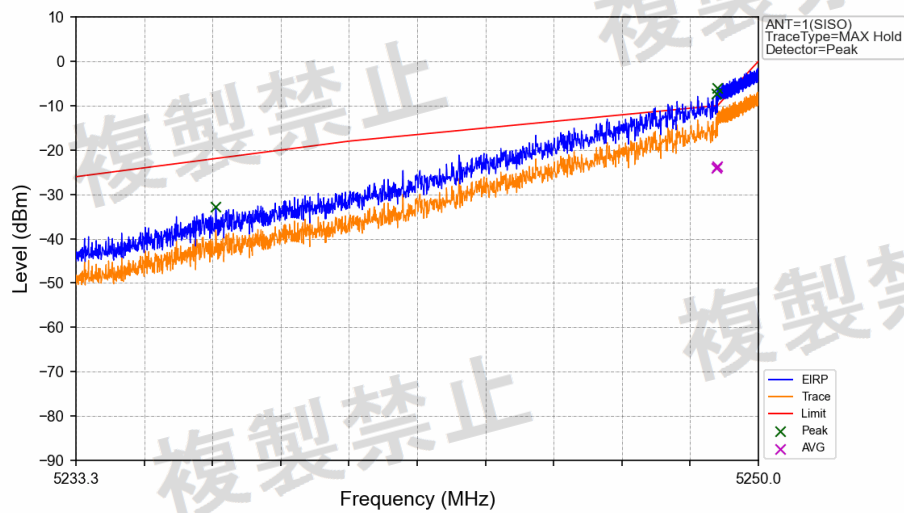
Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
5233.3	5240	1	1	5234.359	-46.40	/	5.33	-41.07	/	-24.77	Pass
5240	5249	1	1	5240.954	-42.04	/	5.33	-36.71	/	-17.15	Pass
5249	5250	1	1	5249.183	-40.96	/	5.33	-35.63	/	-8.17	Pass

MIC: 219-269221

802.11ac(VHT20) LCH_5260MHz_Ant1_NTNV

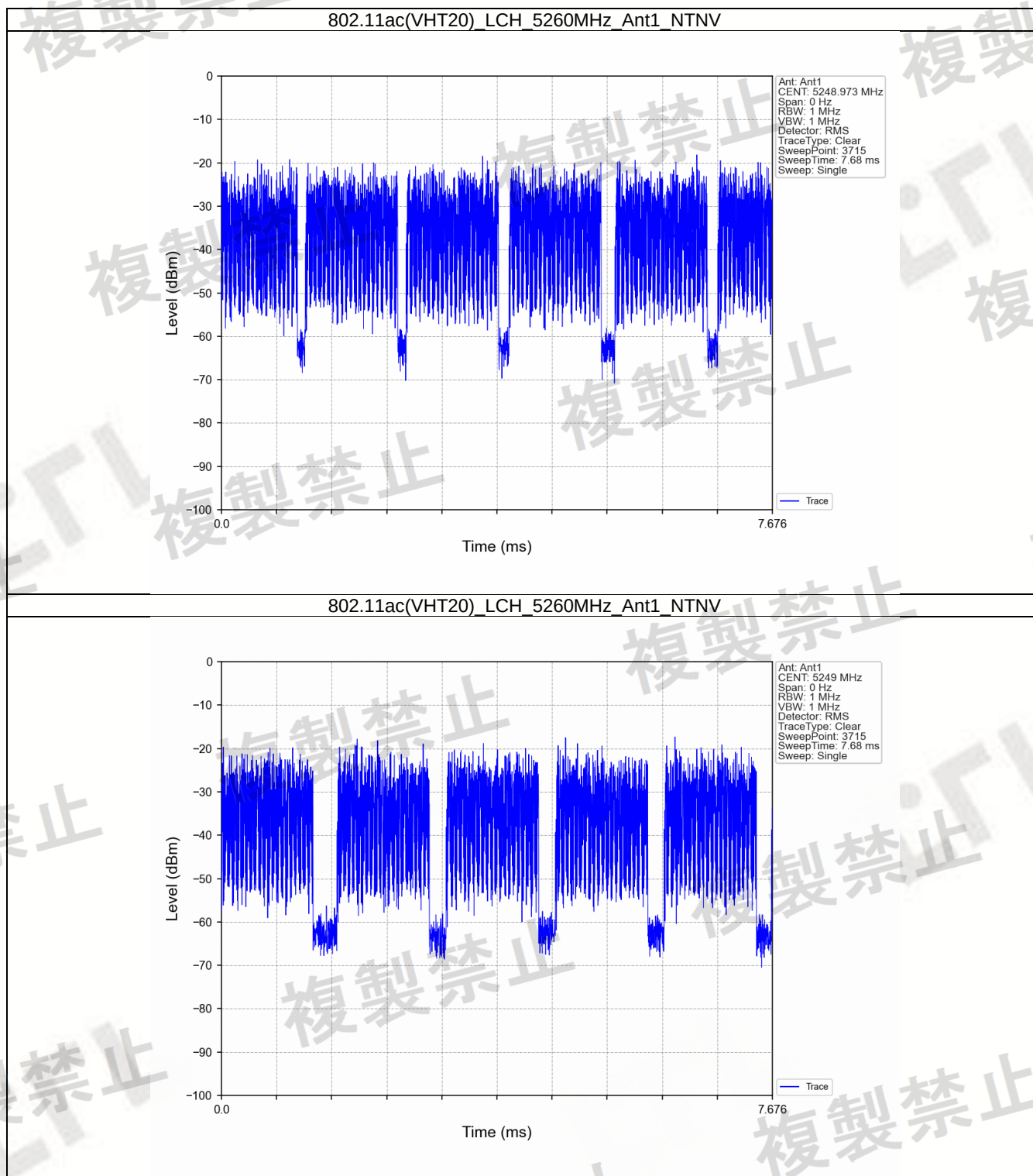


802.11ac(VHT20) LCH_5260MHz_Ant1_NTNV

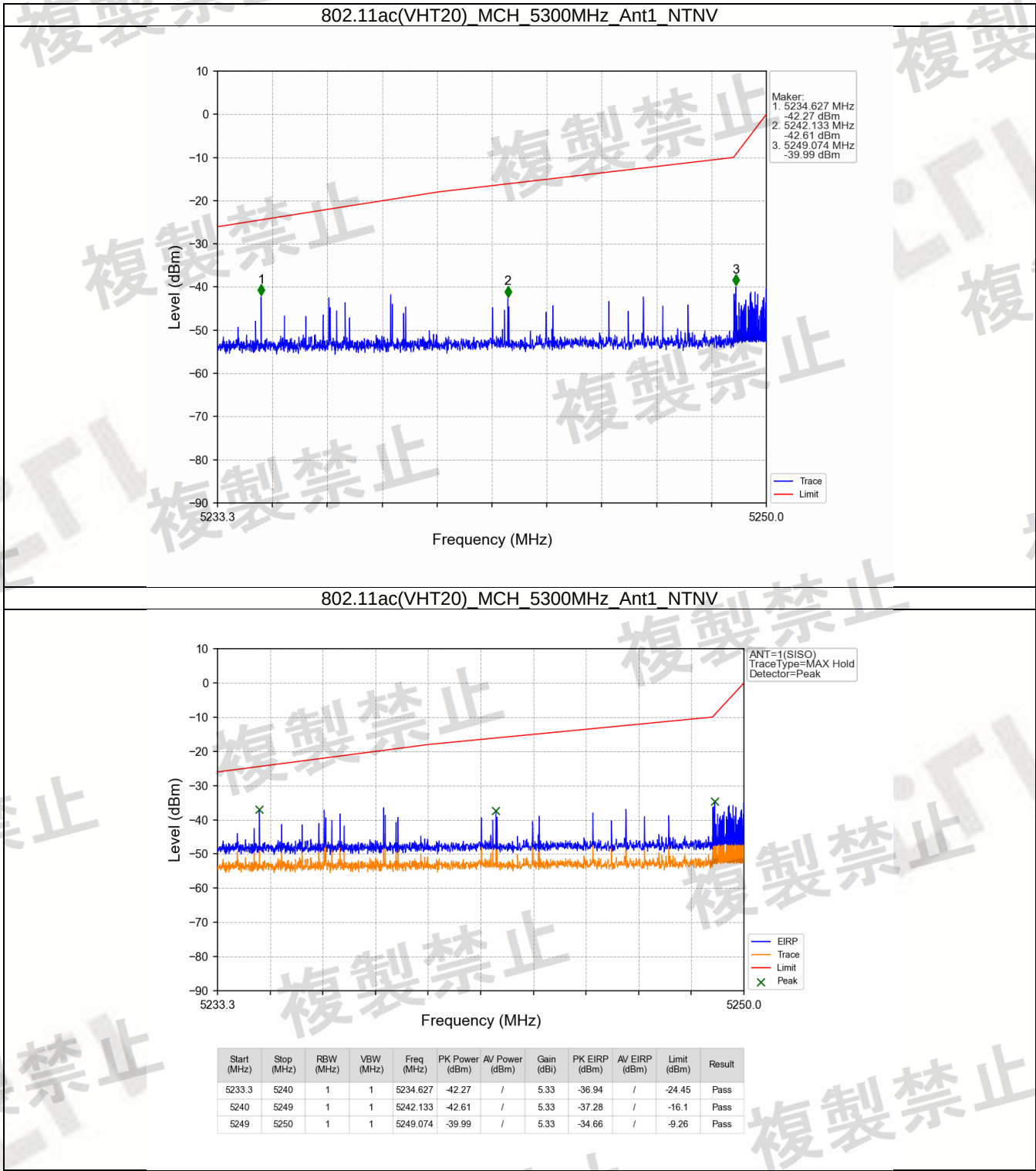


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
5233.3	5240	1	1	5236.724	-38.09	/	5.33	-32.76	/	-21.93	Pass
5240	5249	1	1	5248.973	-12.63	-29.41	5.33	-7.30	-24.08	-10.02	Pass
5249	5250	1	1	5249.000	-11.44	-29.01	5.33	-6.11	-23.68	-10	Pass

MIC: 219-269221

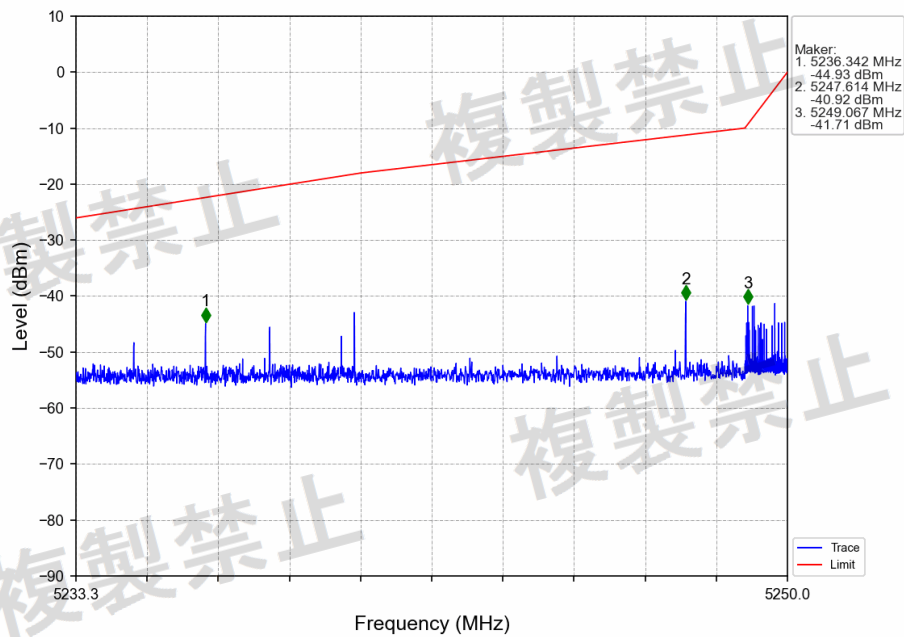


MIC: 219-269221

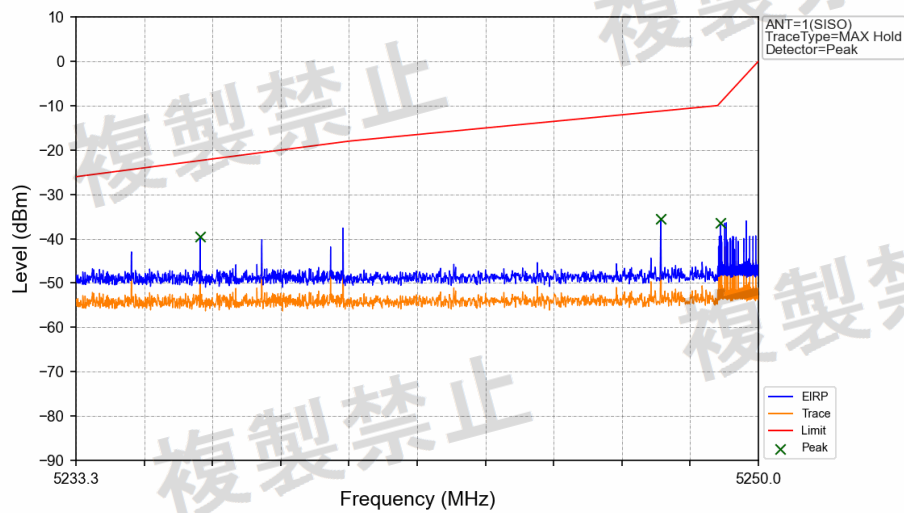


MIC: 219-269221

802.11ac(VHT20) HCH 5320MHz Ant1_NTNV



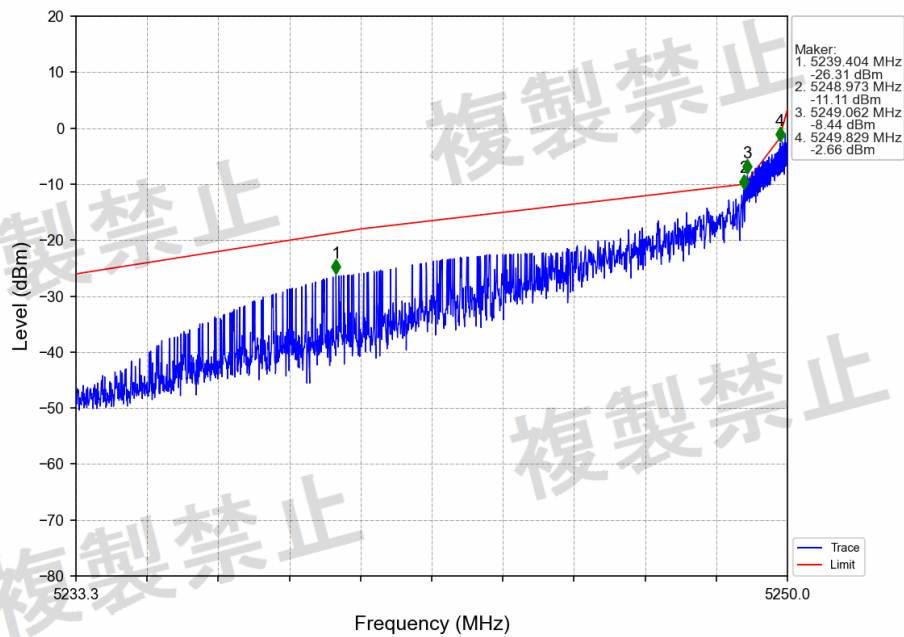
802.11ac(VHT20) HCH 5320MHz Ant1_NTNV



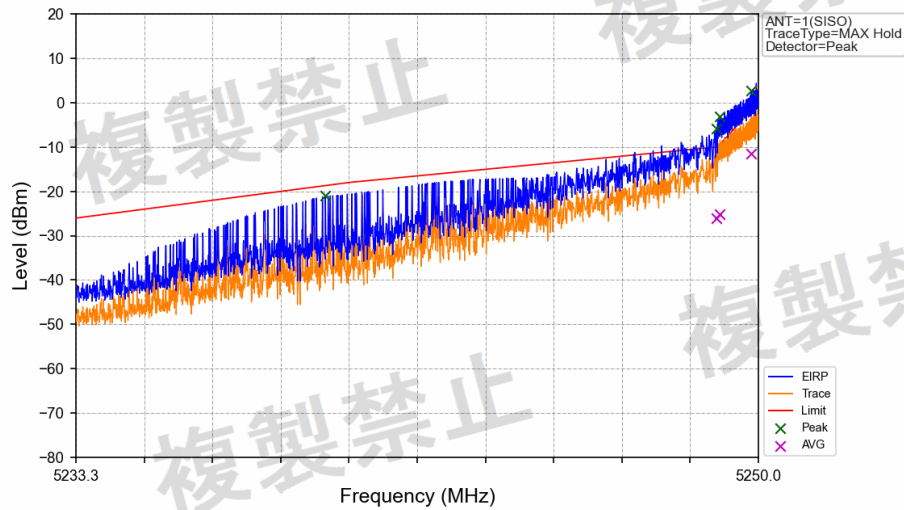
Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
5233.3	5240	1	1	5236.342	-44.93	/	5.33	-39.60	/	-22.39	Pass
5240	5249	1	1	5247.614	-40.92	/	5.33	-35.59	/	-11.23	Pass
5249	5250	1	1	5249.067	-41.71	/	5.33	-36.38	/	-9.33	Pass

MIC: 219-269221

802.11ax(HEW20)_LCH_5260MHz_SU_/_Ant1_NTNV

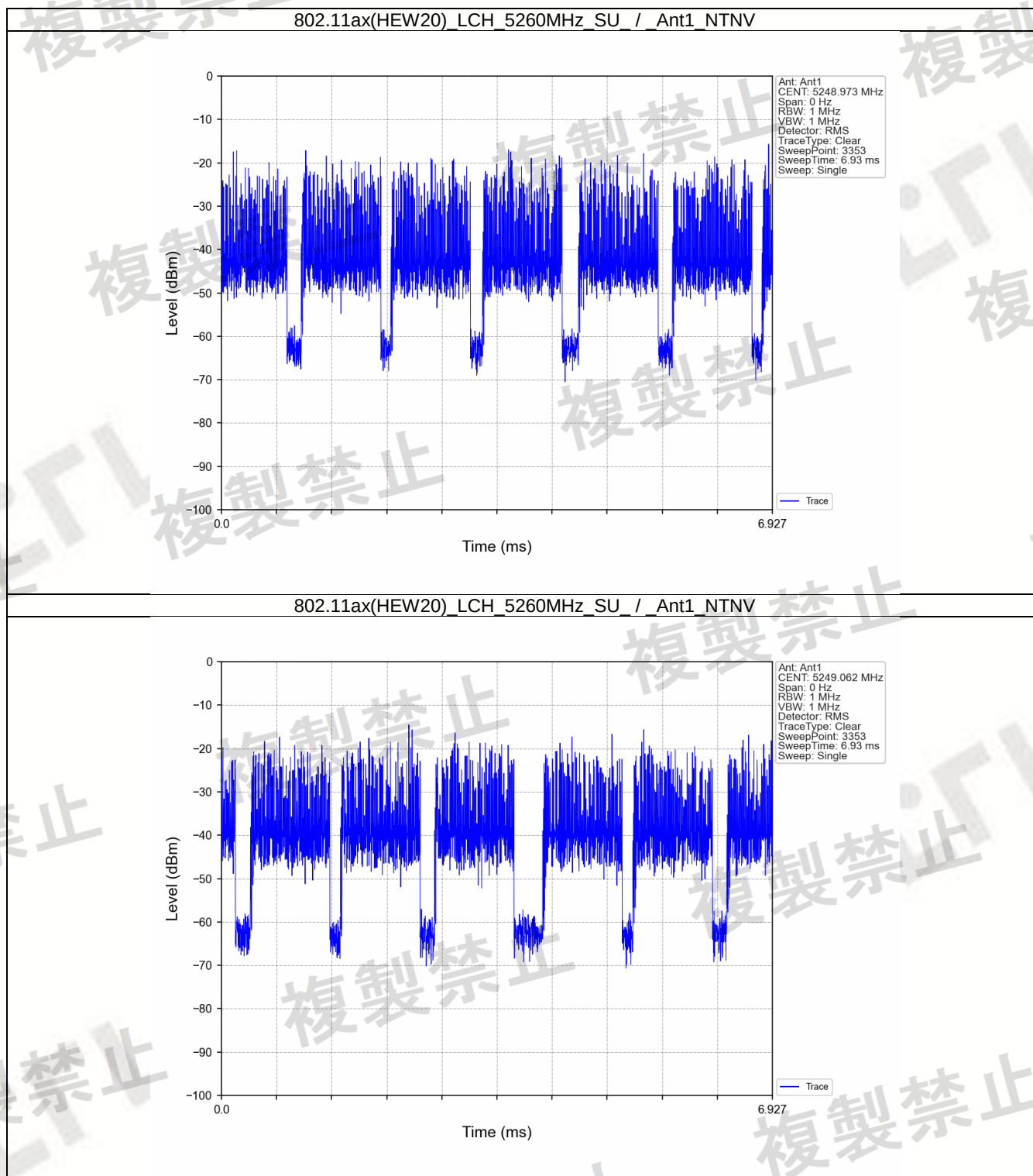


802.11ax(HEW20)_LCH_5260MHz_SU_/_Ant1_NTNV

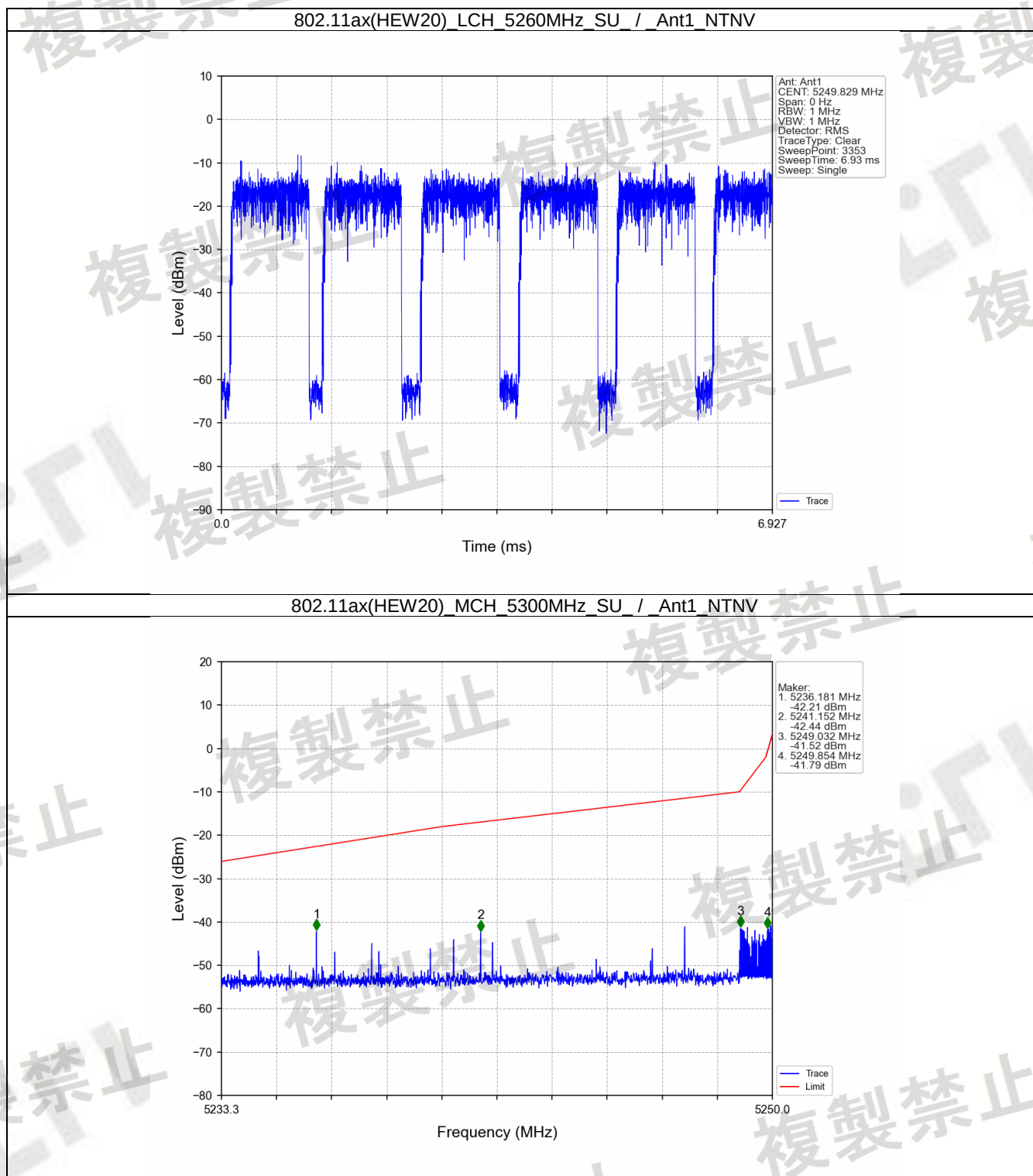


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
5233.3	5240	1	1	5239.404	-26.31	/	5.33	-20.98	/	-18.72	Pass
5240	5249	1	1	5248.973	-11.11	-31.49	5.33	-5.78	-26.16	-10.02	Pass
5249	5249.8	1	1	5249.062	-8.44	-30.51	5.33	-3.11	-25.18	-9.38	Pass
5249.8	5250	1	1	5249.829	-2.66	-16.89	5.33	2.67	-11.56	-1.23	Pass

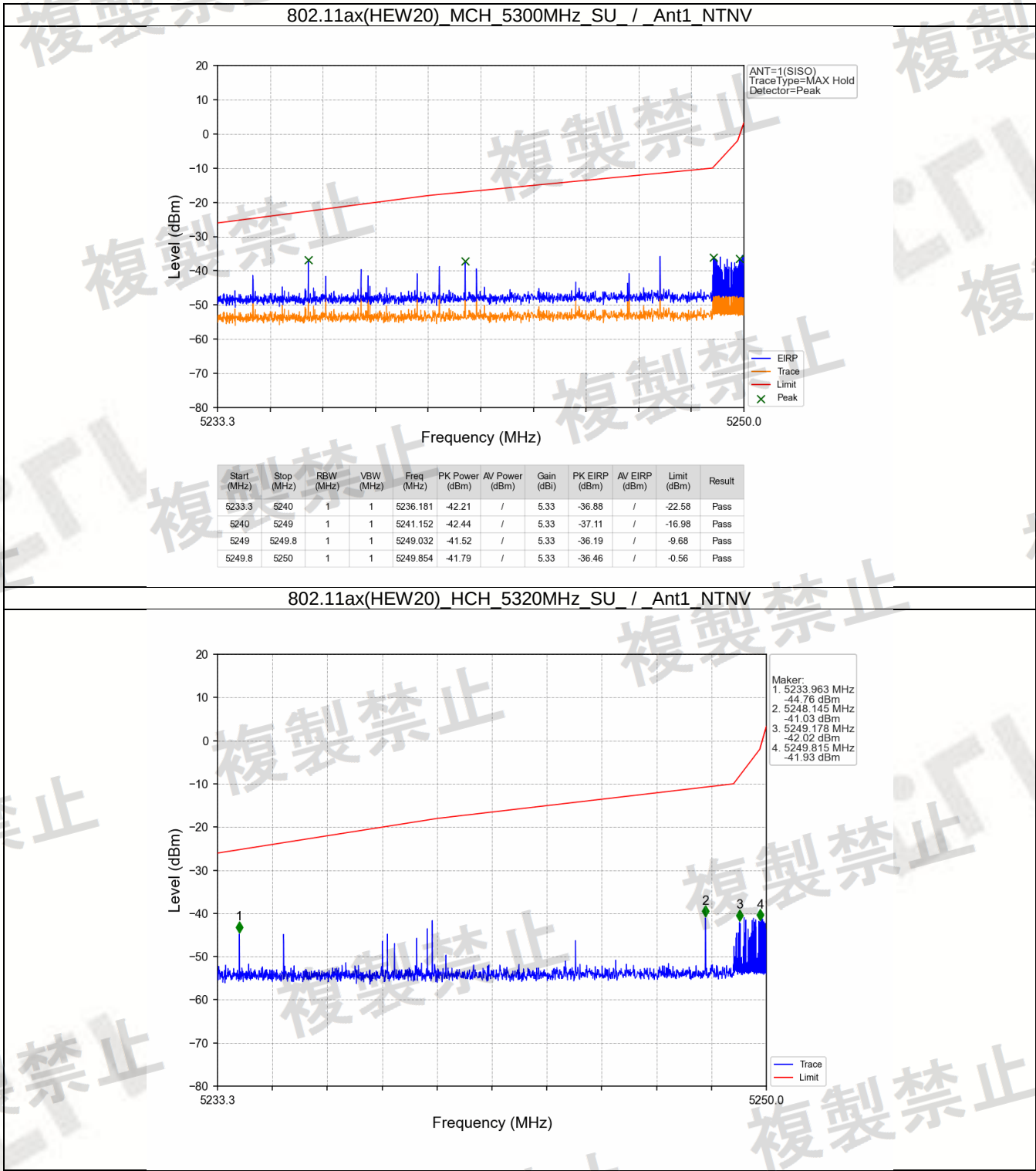
MIC: 219-269221



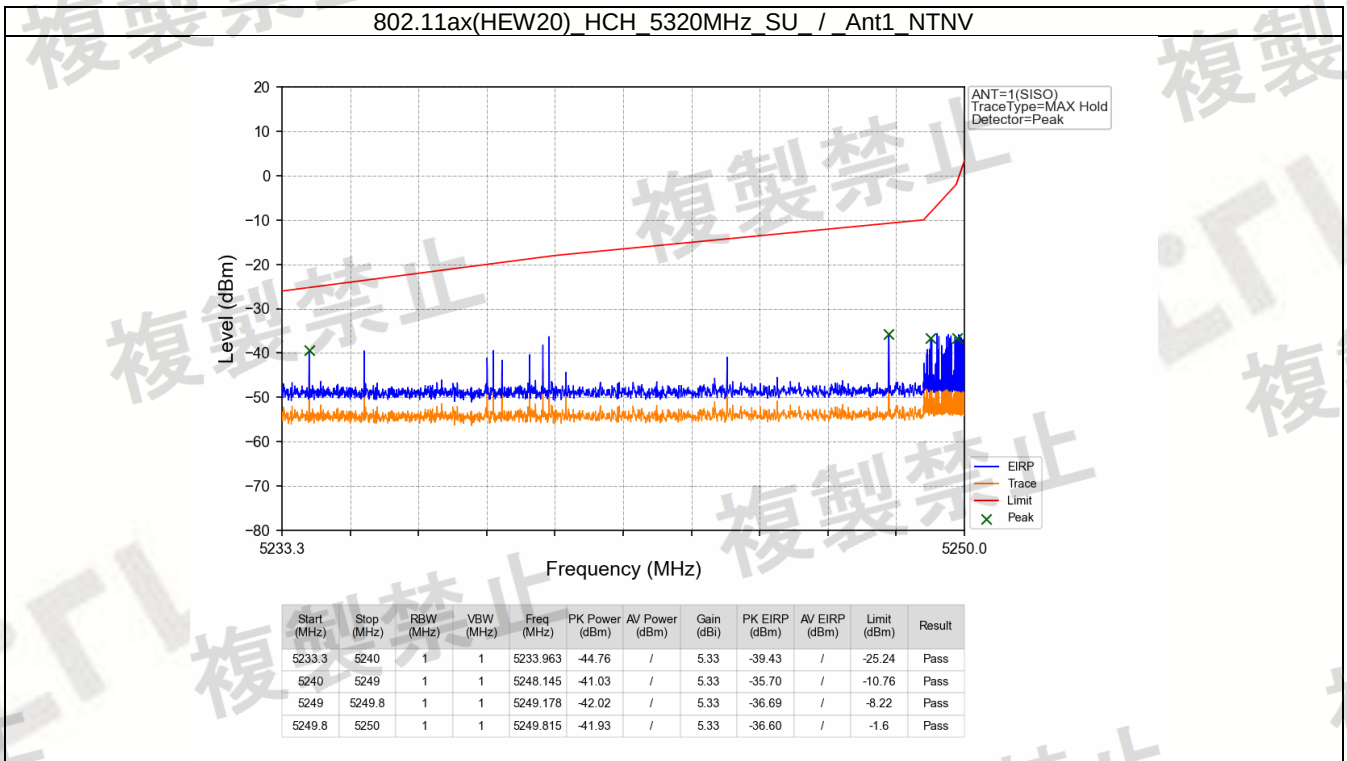
MIC: 219-269221



MIC: 219-269221



MIC: 219-269221



MIC: 219-269221

6. Transmission Burst Length

6.1 Test Result

6.1.1 Ant1_NTNV

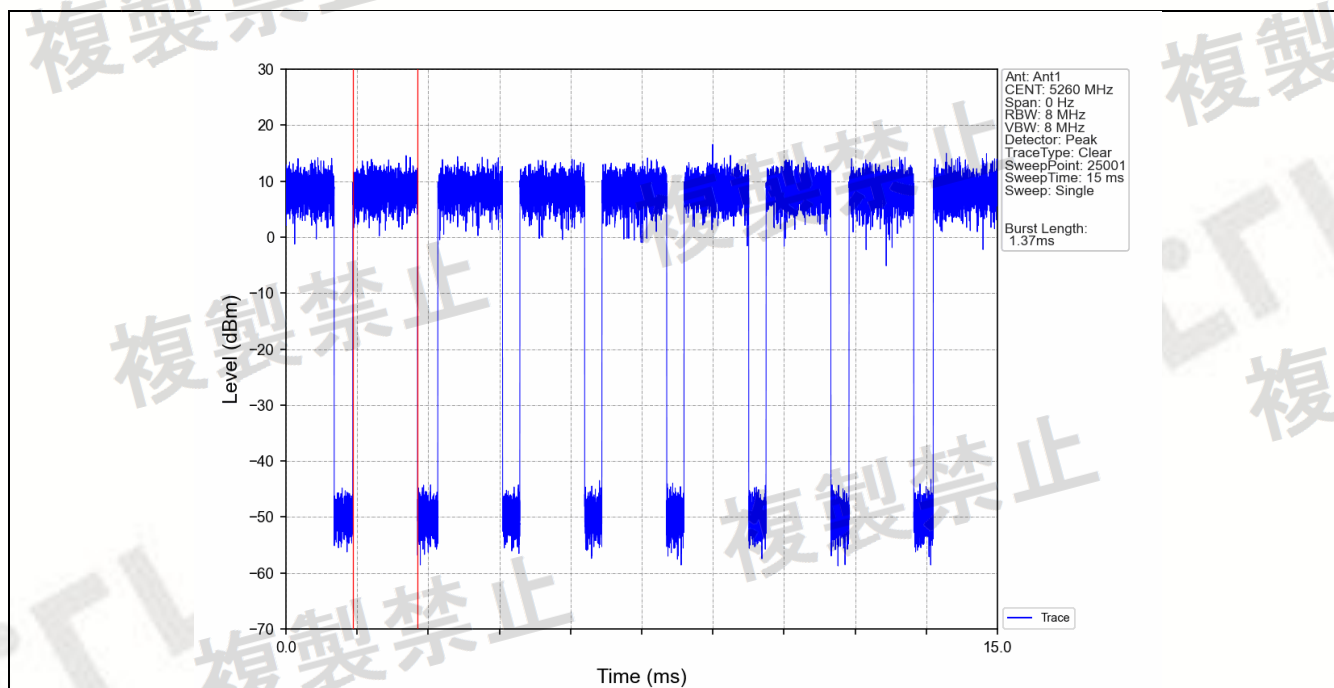
Ant1_NTNV							
Mode	TX Type	Frequency (MHz)	RU	RU Pos	Burst Length (ms)		Verdict
					Result	Limit	
802.11a	SISO	5260	/	/	1.367	<=8	Pass
		5300	/	/	1.367	<=8	Pass
		5320	/	/	1.368	<=8	Pass
802.11n (HT20)	SISO	5260	/	/	1.279	<=8	Pass
		5300	/	/	1.279	<=8	Pass
		5320	/	/	1.279	<=8	Pass
802.11ac (VHT20)	SISO	5260	/	/	1.288	<=8	Pass
		5300	/	/	1.287	<=8	Pass
		5320	/	/	1.288	<=8	Pass
802.11ax (HEW20)	SISO	5260	SU	/	0.999	<=8	Pass
		5300	SU	/	0.999	<=8	Pass
		5320	SU	/	0.999	<=8	Pass

6.2 Test Graph

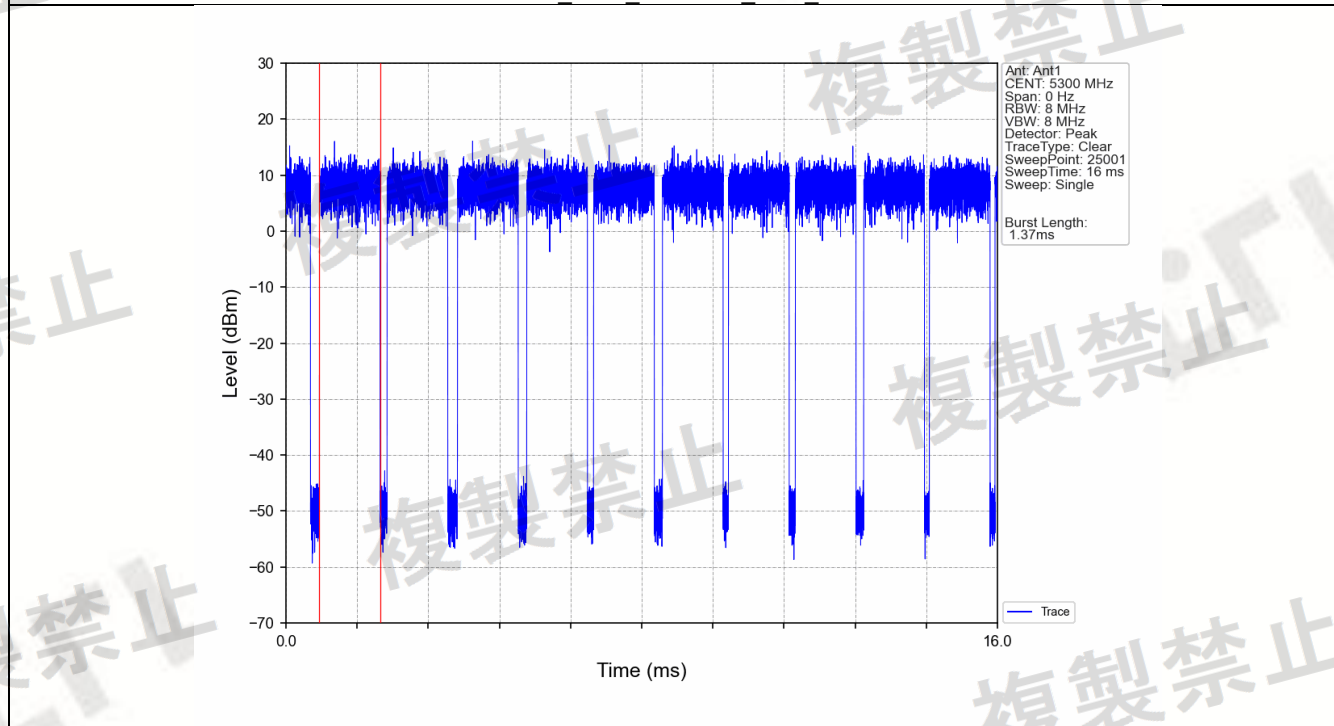
6.2.1 Ant1_NTNV

802.11a_LCH_5260MHz_Ant1_NTNV

MIC: 219-269221

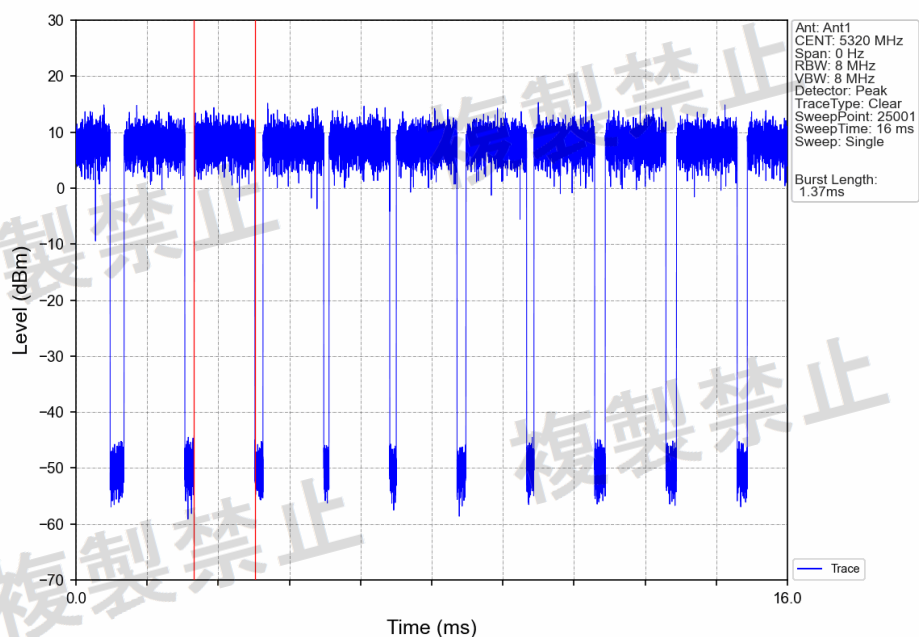


802.11a_MCH_5300MHz_Ant1_NTNV

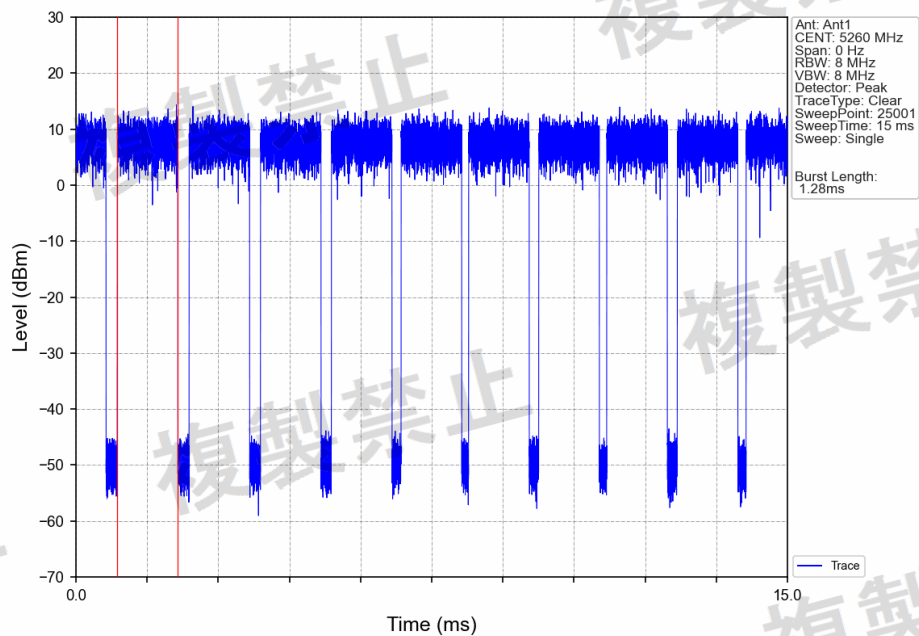


MIC: 219-269221

802.11a_HCH_5320MHz_Ant1_NTNV

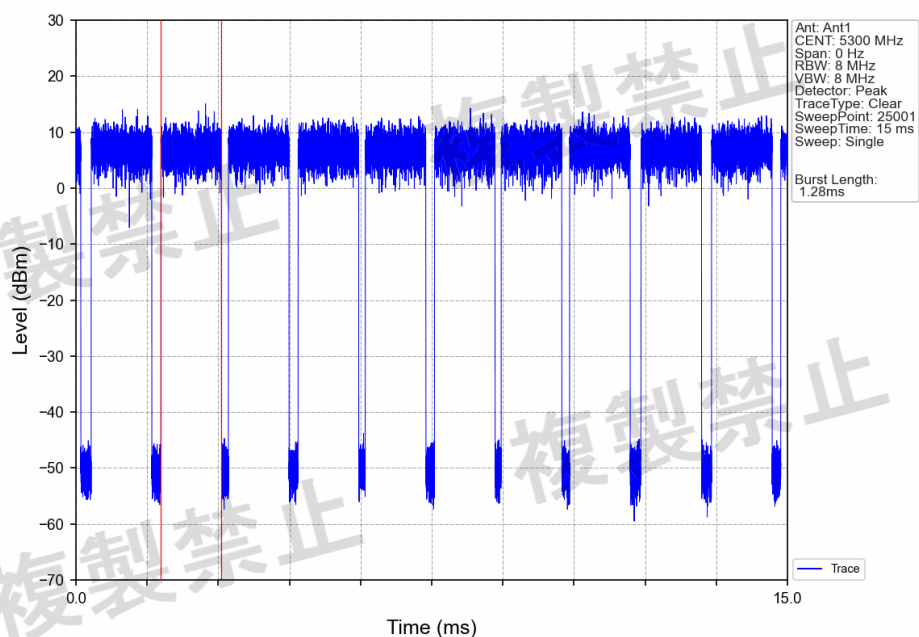


802.11n(HT20)_LCH_5260MHz_Ant1_NTNV

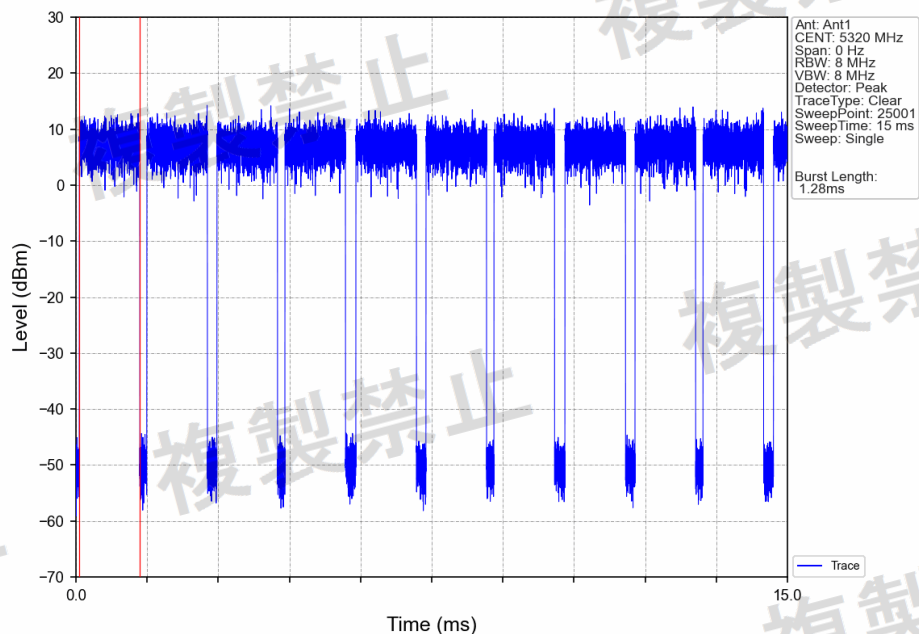


MIC: 219-269221

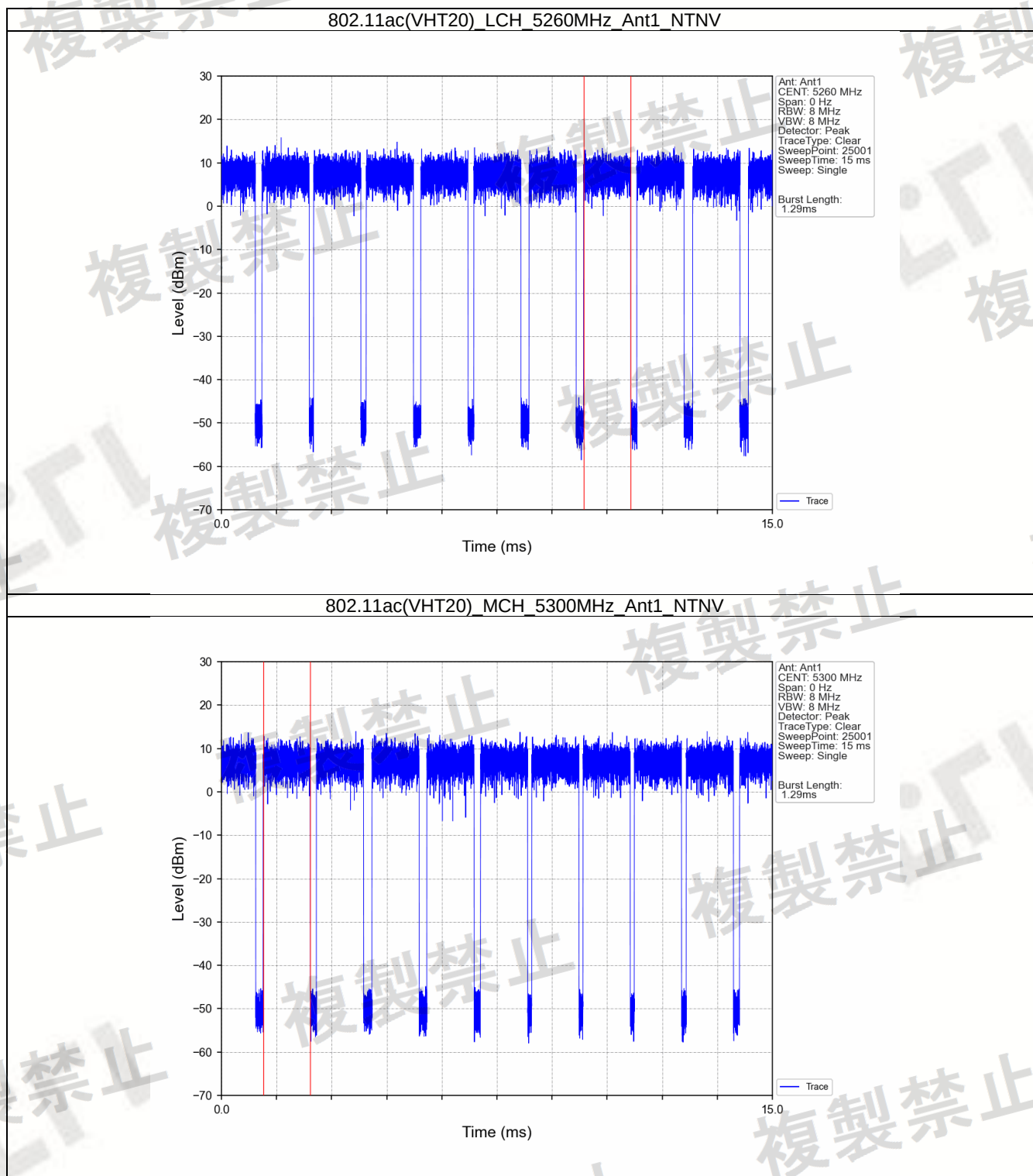
802.11n(HT20) MCH 5300MHz_Ant1_NTNV



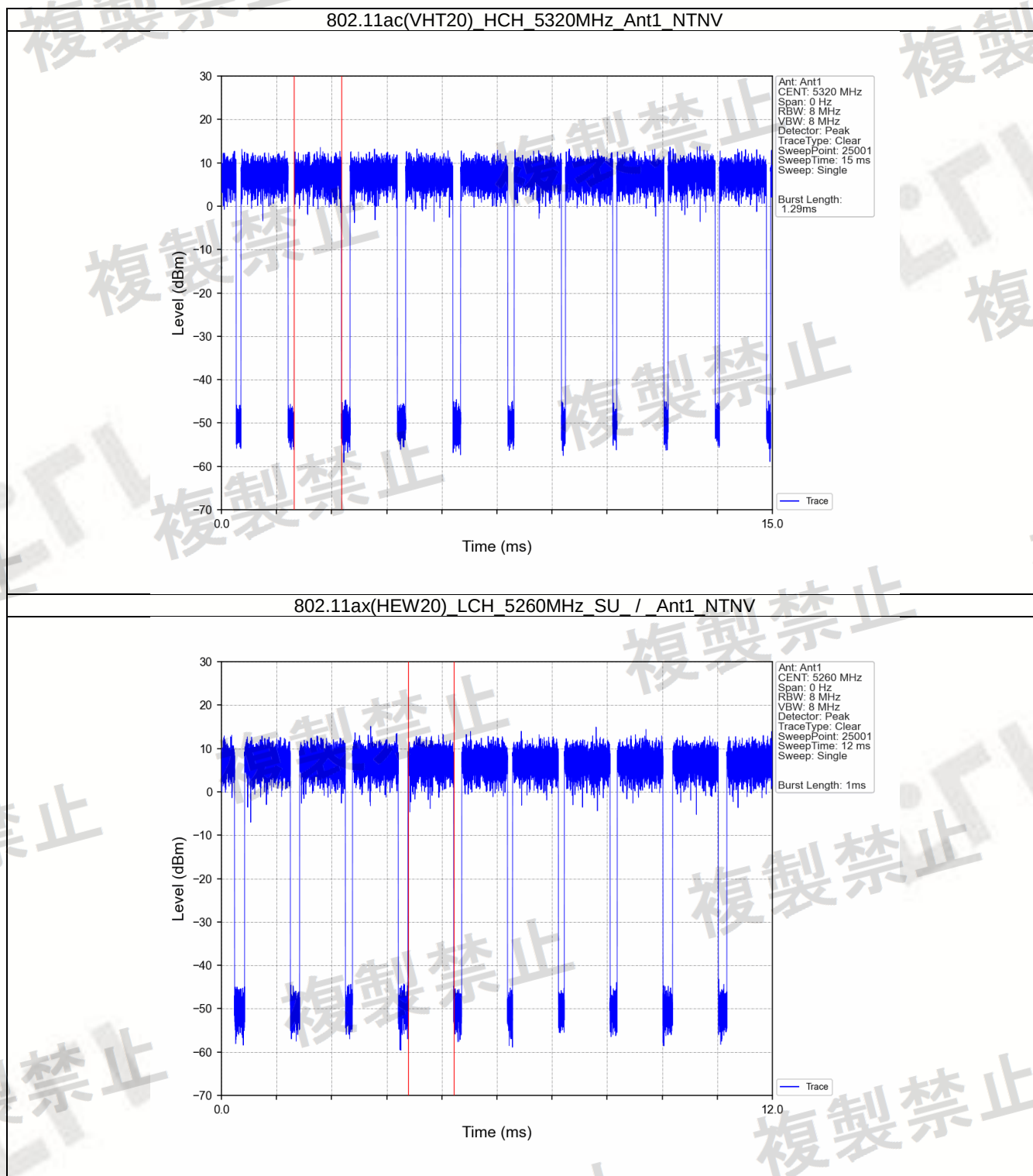
802.11n(HT20) HCH 5320MHz_Ant1_NTNV



MIC: 219-269221

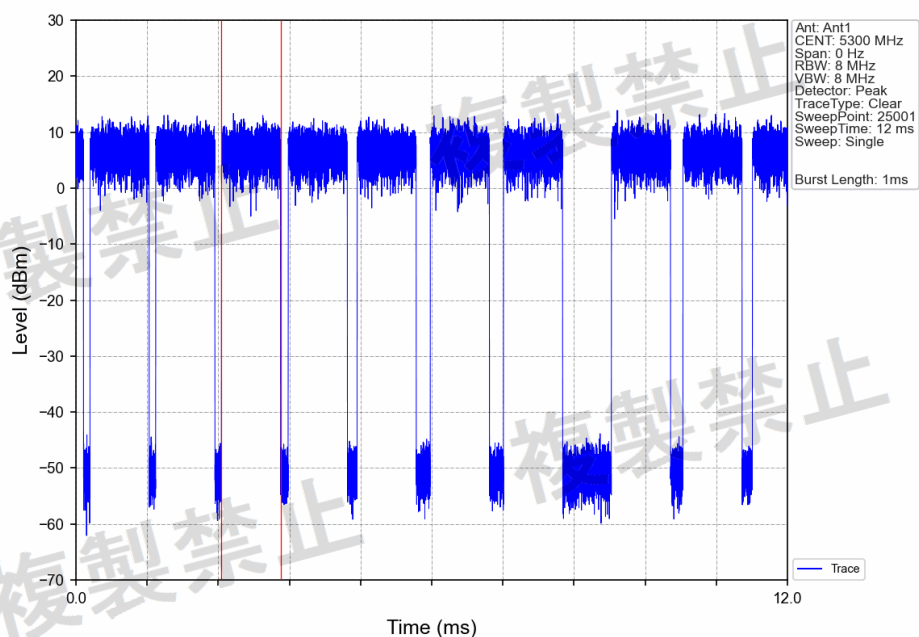


MIC: 219-269221

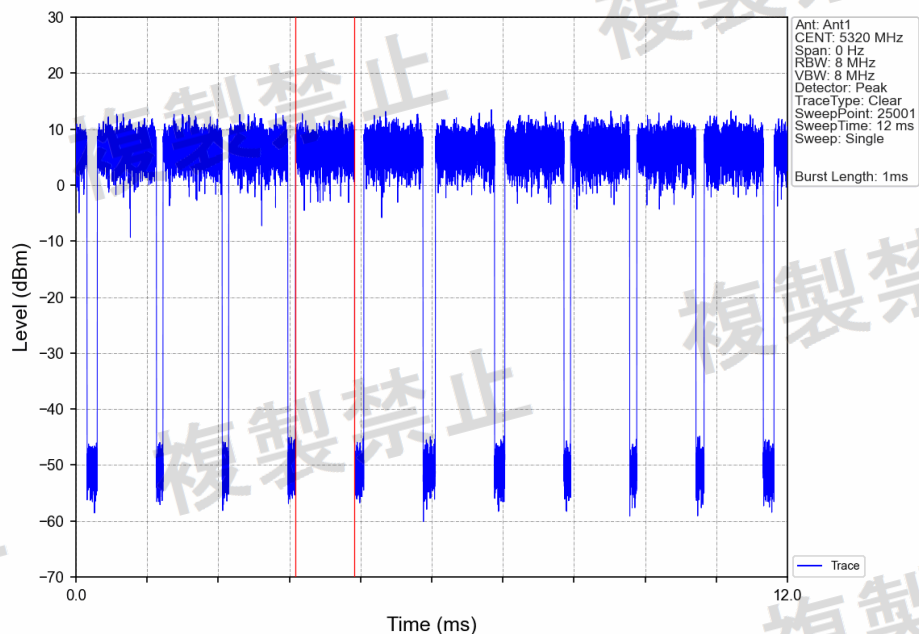


MIC: 219-269221

802.11ax(HEW20)_MCH_5300MHz_SU_ / Ant1_NTNV



802.11ax(HEW20)_HCH_5320MHz_SU_ / Ant1_NTNV



MIC: 219-269221

7. Spurious Emission Intensity

7.1 Test Result

7.1.1 TxSe_NTNV_SISO

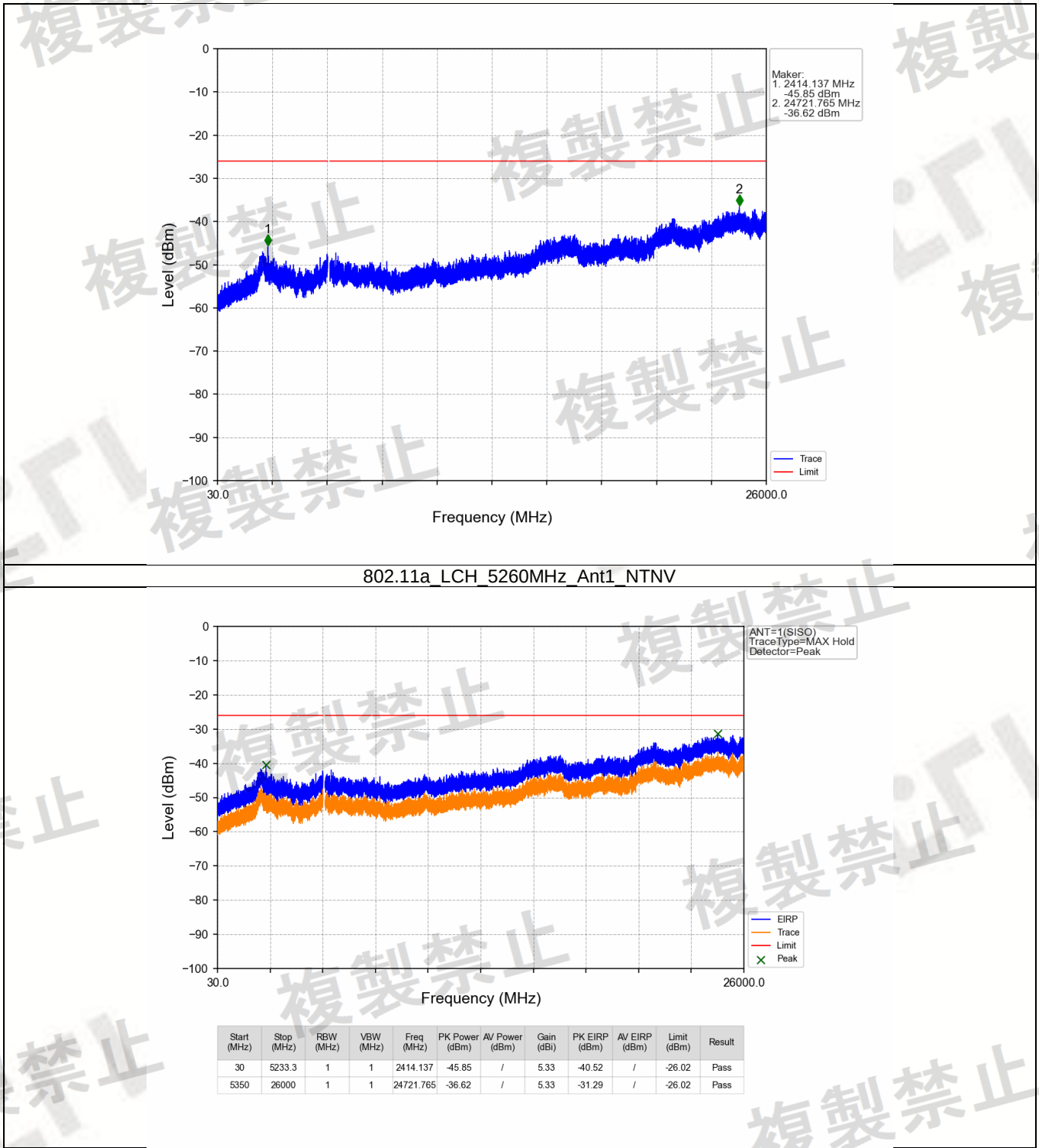
NTNV															
Mode	TX Type	Freq. (MHz)	RU	RU Pos	ANT	Freq. Range		Marker						Limit (uW /MHz)	Verdict
						Start (MHz)	Stop (MHz)	Freq. (MHz)	PK EIRP (dBm /MHz)	PK EIRP (uW /MHz)	AV EIRP (dBm /MHz)	AV EIRP (uW /MHz)			
802.11a	SISO	5260	/	/	1	30	5233.3	2414.137	-40.52	0.089	/	/	2.5	Pass	
						5350	26000	24721.765	-31.29	0.743	/	/	2.5	Pass	
		5300	/	/	1	30	5233.3	2413.137	-39.11	0.123	/	/	2.5	Pass	
						5350	26000	24900.732	-31.38	0.728	/	/	2.5	Pass	
		5320	/	/	1	30	5233.3	5164.796	-38.34	0.147	/	/	2.5	Pass	
						5350	26000	24491.862	-31.50	0.708	/	/	2.5	Pass	
802.11n (HT20)	SISO	5260	/	/	1	30	5233.3	5203.798	-39.30	0.117	/	/	2.5	Pass	
						5350	26000	24743.103	-31.09	0.778	/	/	2.5	Pass	
		5300	/	/	1	30	5233.3	5145.295	-39.41	0.115	/	/	2.5	Pass	
						5350	26000	24818.82	-31.18	0.762	/	/	2.5	Pass	
		5320	/	/	1	30	5233.3	2412.637	-39.97	0.101	/	/	2.5	Pass	
						5350	26000	24638.477	-30.99	0.796	/	/	2.5	Pass	
802.11ac (VHT20)	SISO	5260	/	/	1	30	5233.3	1921.609	-36.99	0.200	/	/	2.5	Pass	
						5350	26000	24834.652	-30.68	0.855	/	/	2.5	Pass	
		5300	/	/	1	30	5233.3	5054.29	-39.33	0.117	/	/	2.5	Pass	
						5350	26000	24868.38	-31.88	0.649	/	/	2.5	Pass	
		5320	/	/	1	30	5233.3	2411.637	-41.02	0.079	/	/	2.5	Pass	
						5350	26000	24377.598	-31.74	0.670	/	/	2.5	Pass	
802.11ax (HEW20)	SISO	5260	SU	/	1	30	5233.3	2222.126	-41.21	0.076	/	/	2.5	Pass	
						5350	26000	24409.262	-31.15	0.767	/	/	2.5	Pass	
		5300	SU	/	1	30	5233.3	2167.123	-41.55	0.070	/	/	2.5	Pass	
						5350	26000	24601.995	-31.13	0.771	/	/	2.5	Pass	
		5320	SU	/	1	30	5233.3	2161.123	-41.45	0.072	/	/	2.5	Pass	
						5350	26000	24160.773	-31.19	0.760	/	/	2.5	Pass	

7.2 Test Graph

7.2.1 TxSe_NTNV_SISO

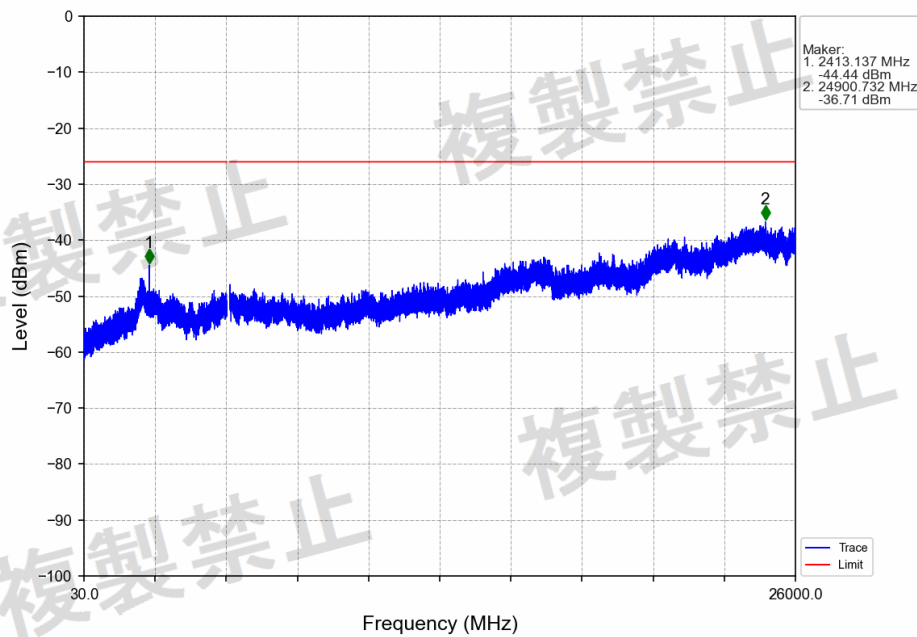
802.11a_LCH_5260MHz_Ant1_NTNV

MIC: 219-269221

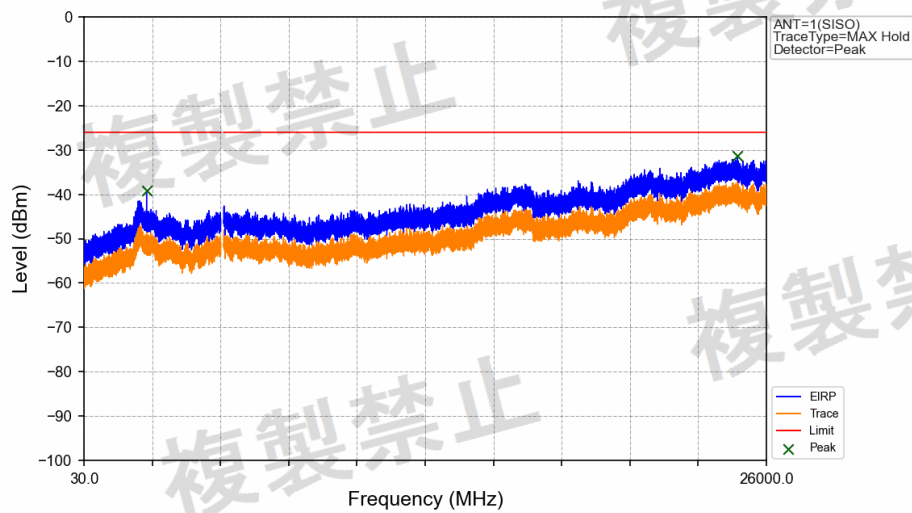


MIC: 219-269221

802.11a_MCH_5300MHz_Ant1_NTNV



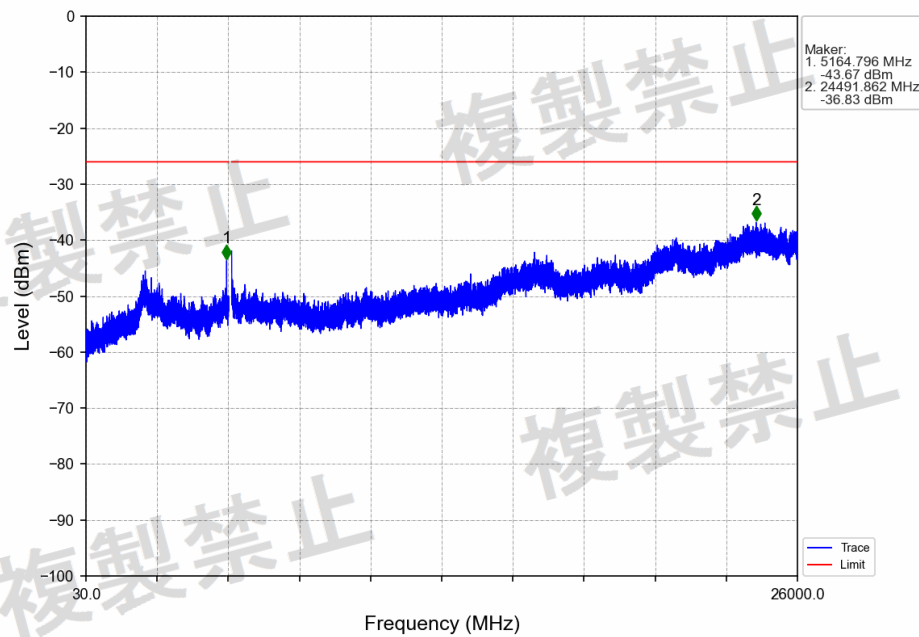
802.11a_MCH_5300MHz_Ant1_NTNV



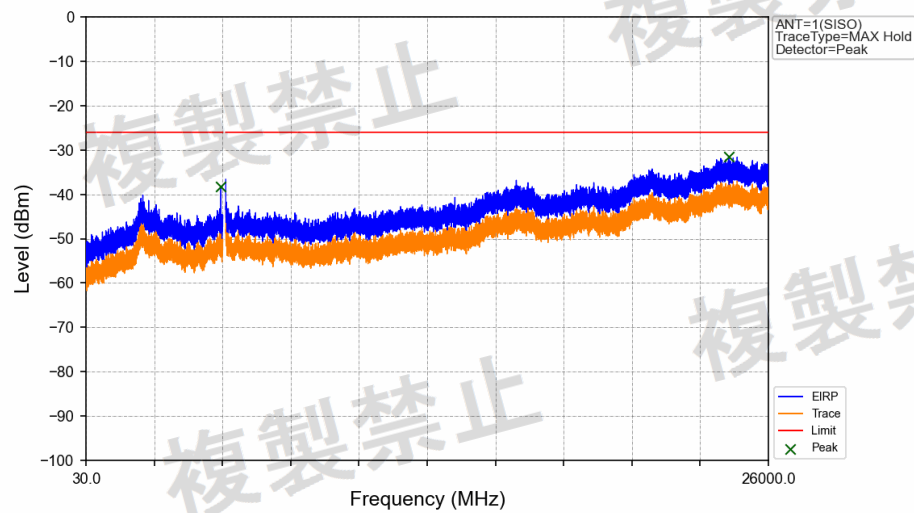
Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
30	5233.3	1	1	2413.137	-44.44	/	5.33	-39.11	/	-26.02	Pass
5350	26000	1	1	24900.732	-36.71	/	5.33	-31.38	/	-26.02	Pass

MIC: 219-269221

802.11a_HCH_5320MHz_Ant1_NTNV

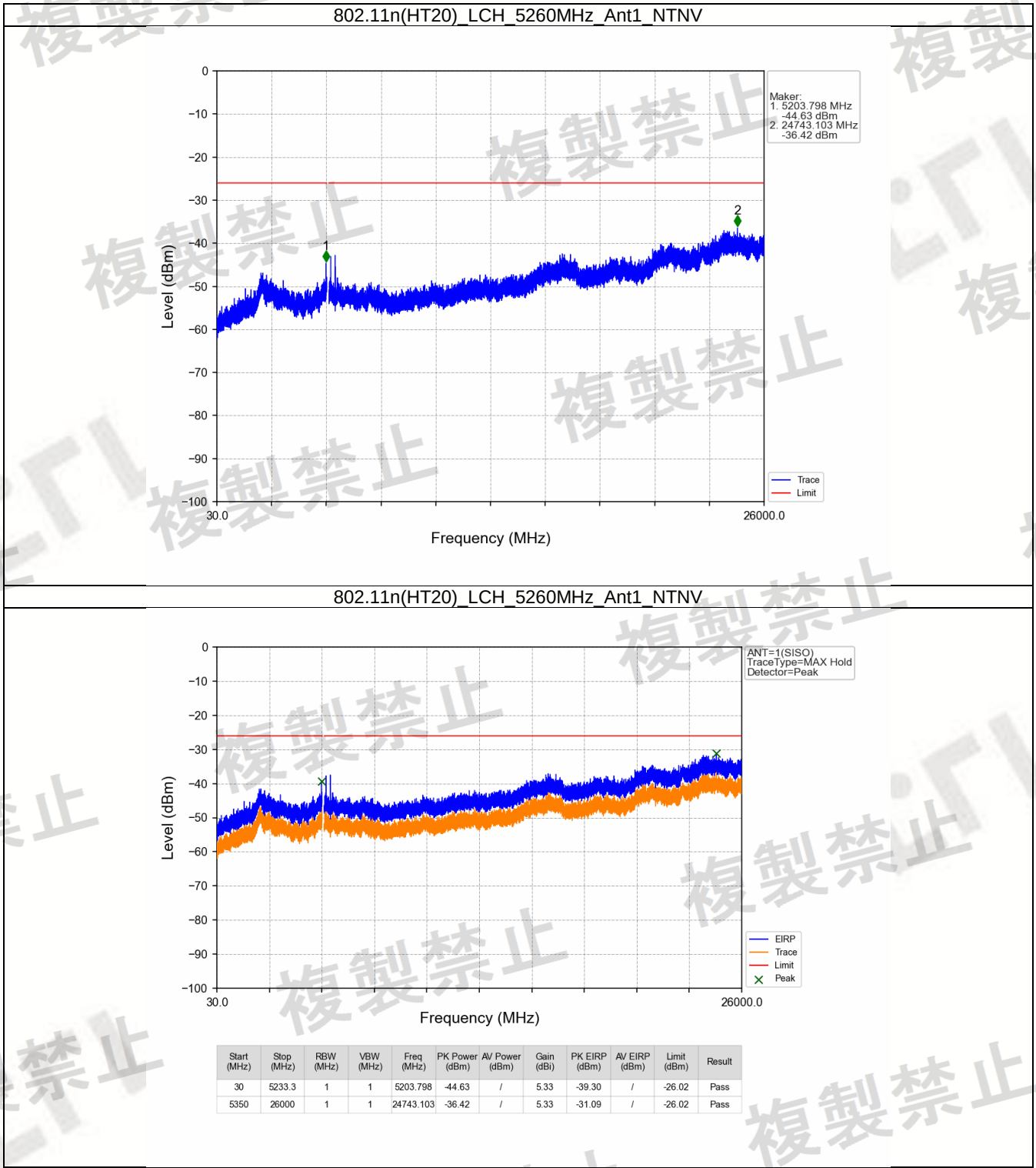


802.11a_HCH_5320MHz_Ant1_NTNV



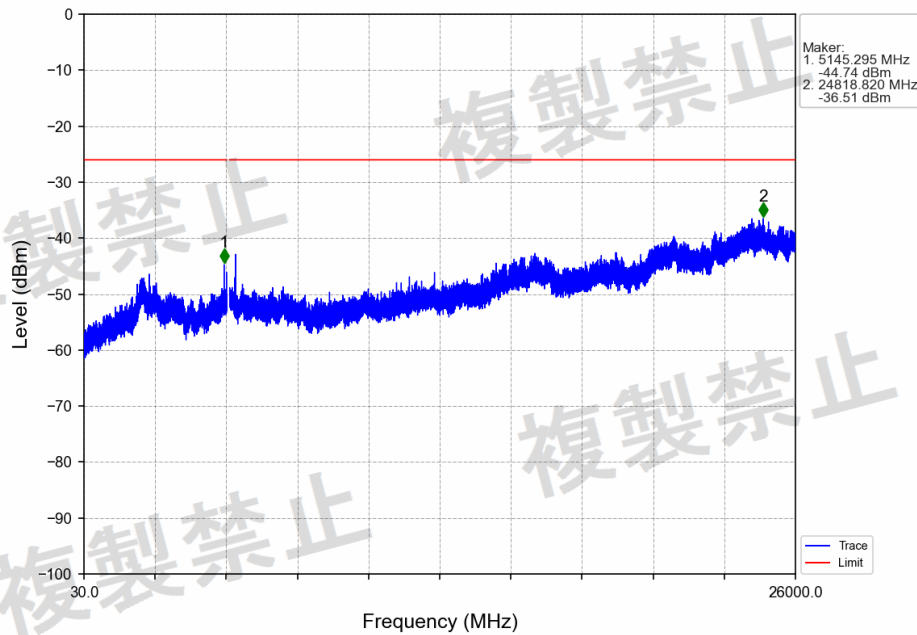
Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
30	5233.3	1	1	5164.796	-43.67	/	5.33	-38.34	/	-26.02	Pass
5350	26000	1	1	24491.862	-36.83	/	5.33	-31.50	/	-26.02	Pass

MIC: 219-269221

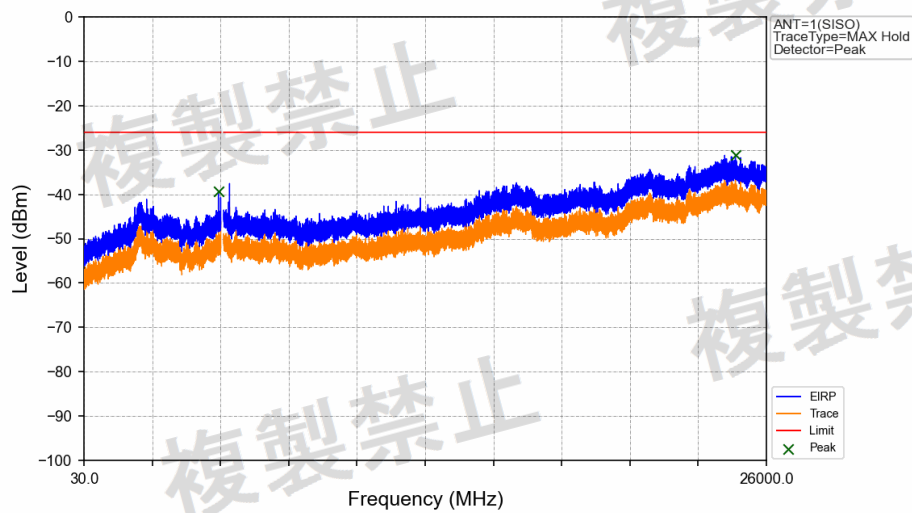


MIC: 219-269221

802.11n(HT20)_MCH_5300MHz_Ant1_NTNV

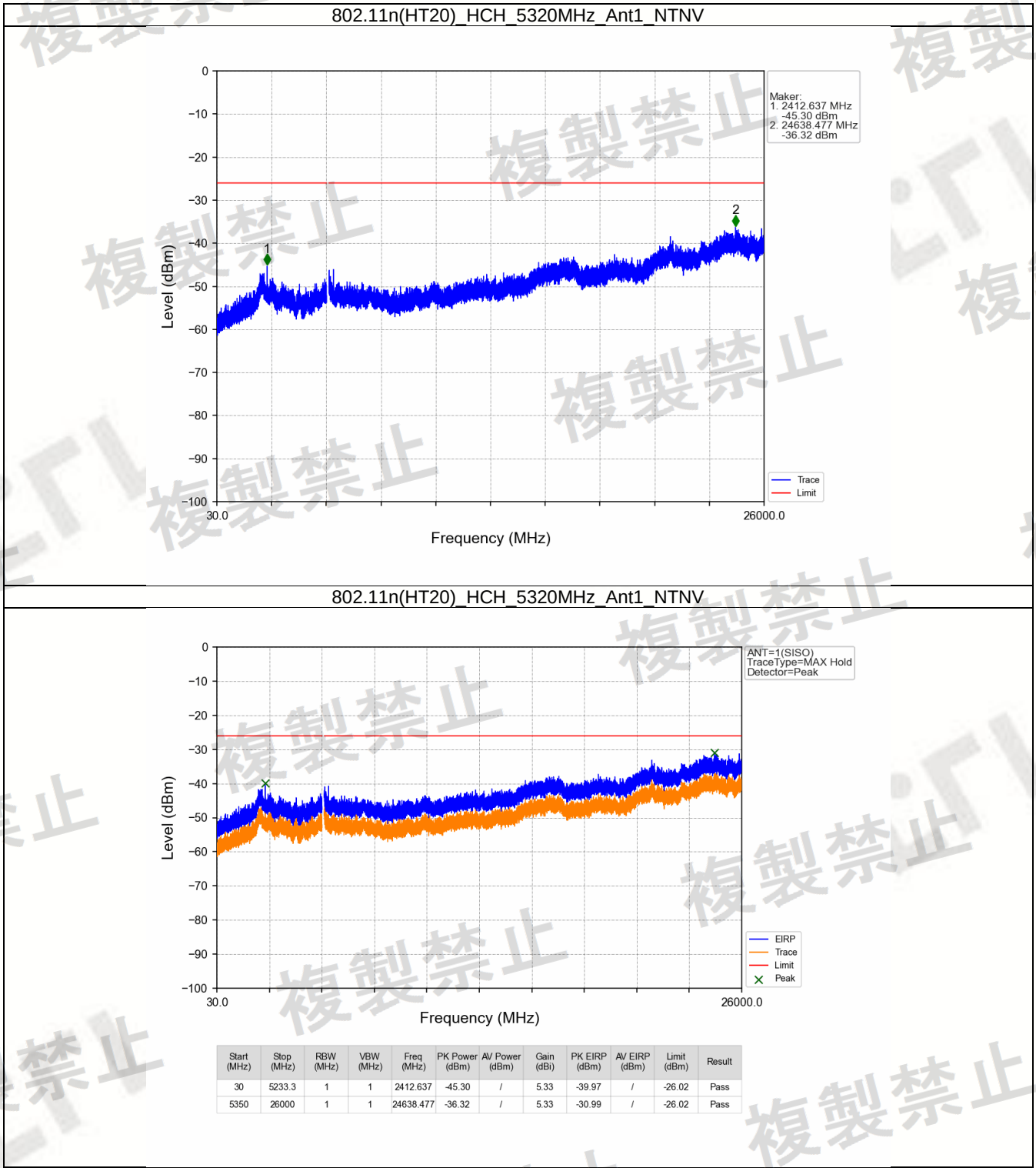


802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



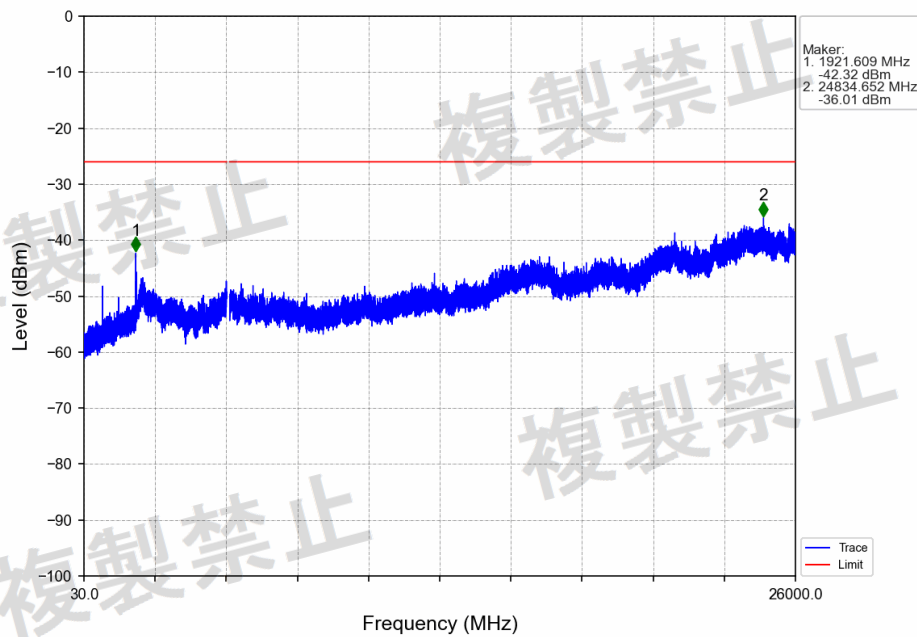
Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
30	5233.3	1	1	5145.295	-44.74	/	5.33	-39.41	/	-26.02	Pass
5350	26000	1	1	24818.820	-36.51	/	5.33	-31.18	/	-26.02	Pass

MIC: 219-269221

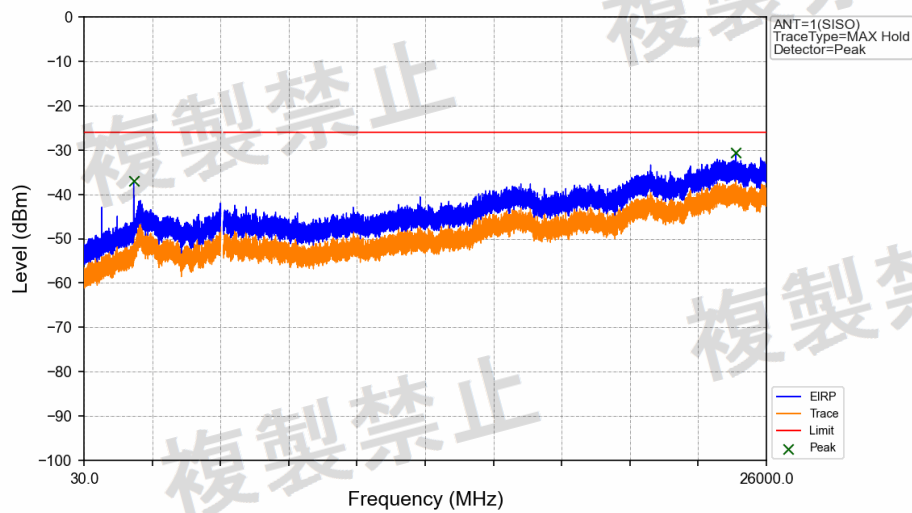


MIC: 219-269221

802.11ac(VHT20) LCH_5260MHz_Ant1_NTNV



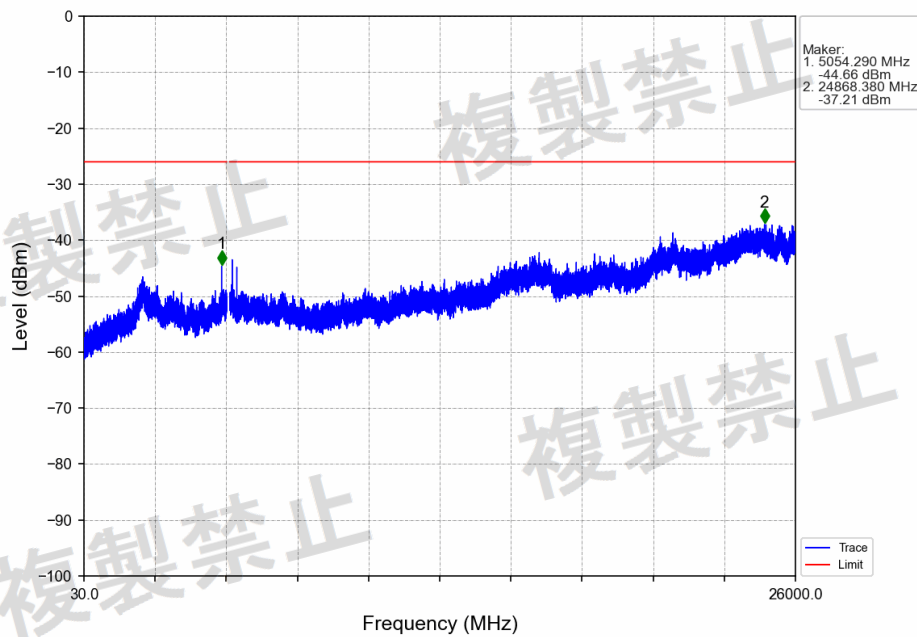
802.11ac(VHT20) LCH_5260MHz_Ant1_NTNV



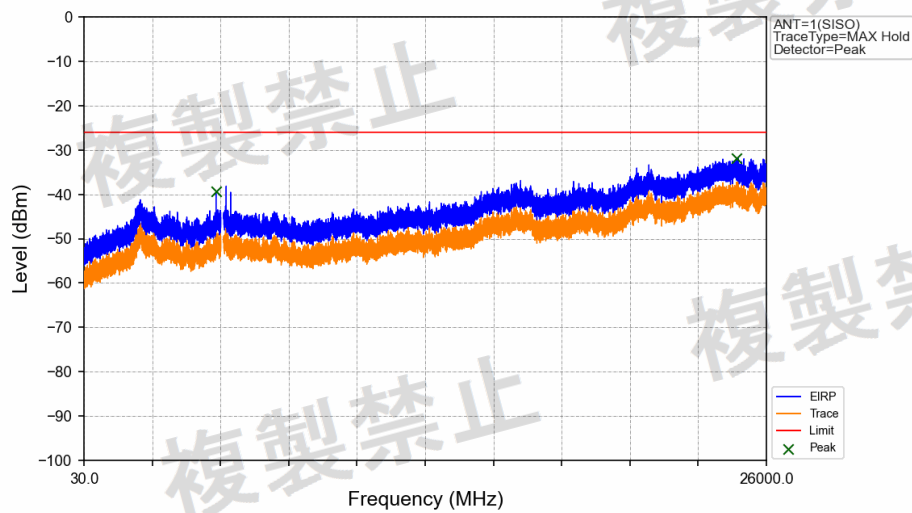
Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
30	5233.3	1	1	1921.609	-42.32	/	5.33	-36.99	/	-26.02	Pass
5350	26000	1	1	24834.652	-36.01	/	5.33	-30.68	/	-26.02	Pass

MIC: 219-269221

802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV



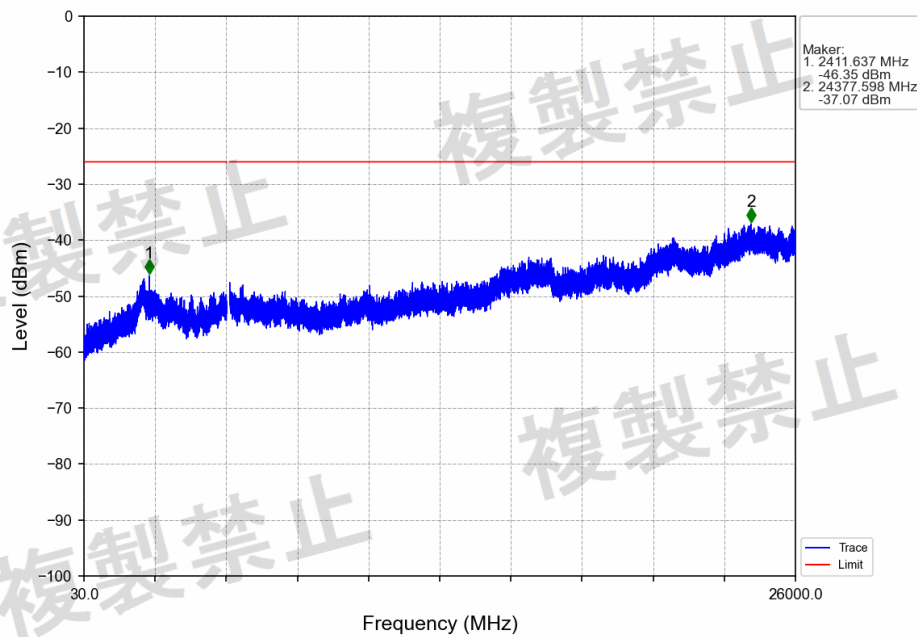
802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV



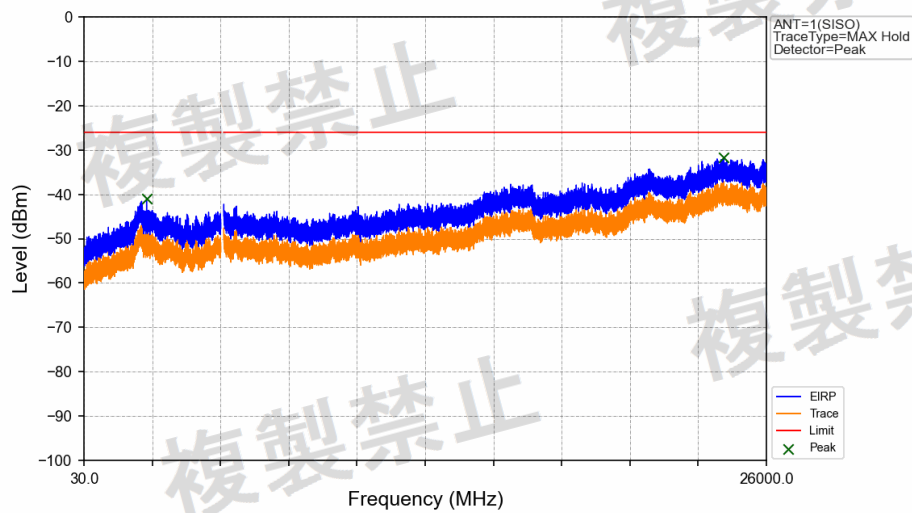
Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
30	5233.3	1	1	5054.290	-44.66	/	5.33	-39.33	/	-26.02	Pass
5350	26000	1	1	24868.380	-37.21	/	5.33	-31.88	/	-26.02	Pass

MIC: 219-269221

802.11ac(VHT20) HCH 5320MHz Ant1_NTNV



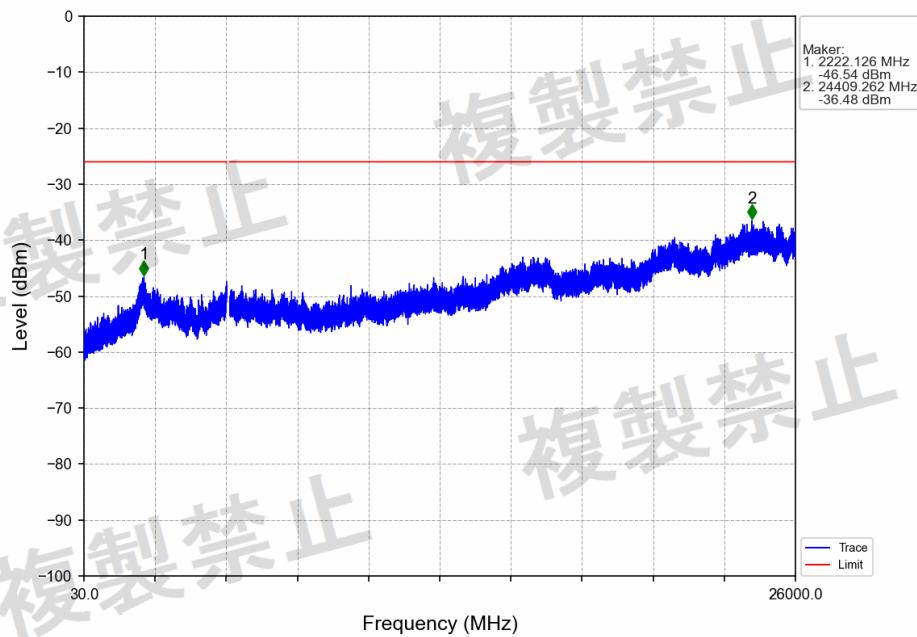
802.11ac(VHT20) HCH 5320MHz Ant1_NTNV



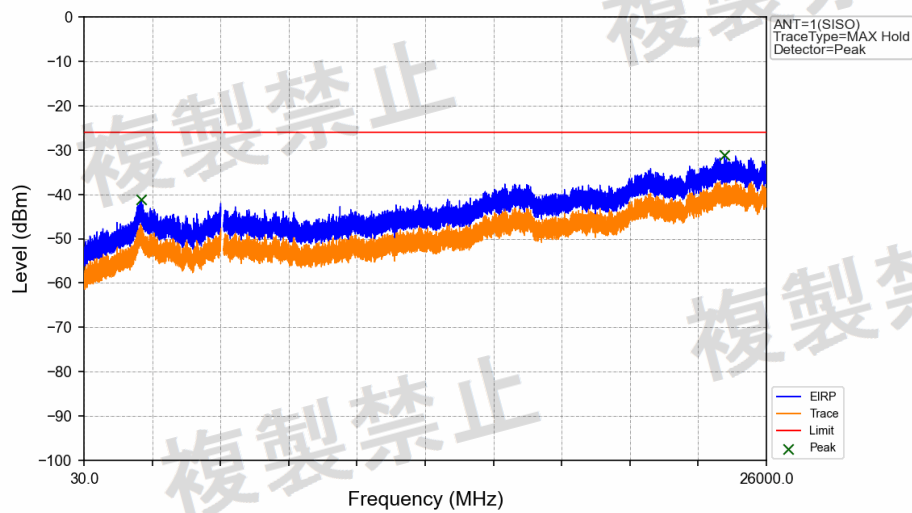
Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
30	5233.3	1	1	2411.637	-46.35	/	5.33	-41.02	/	-26.02	Pass
5350	26000	1	1	24377.598	-37.07	/	5.33	-31.74	/	-26.02	Pass

MIC: 219-269221

802.11ax(HEW20)_LCH_5260MHz_SU_/_Ant1_NTNV



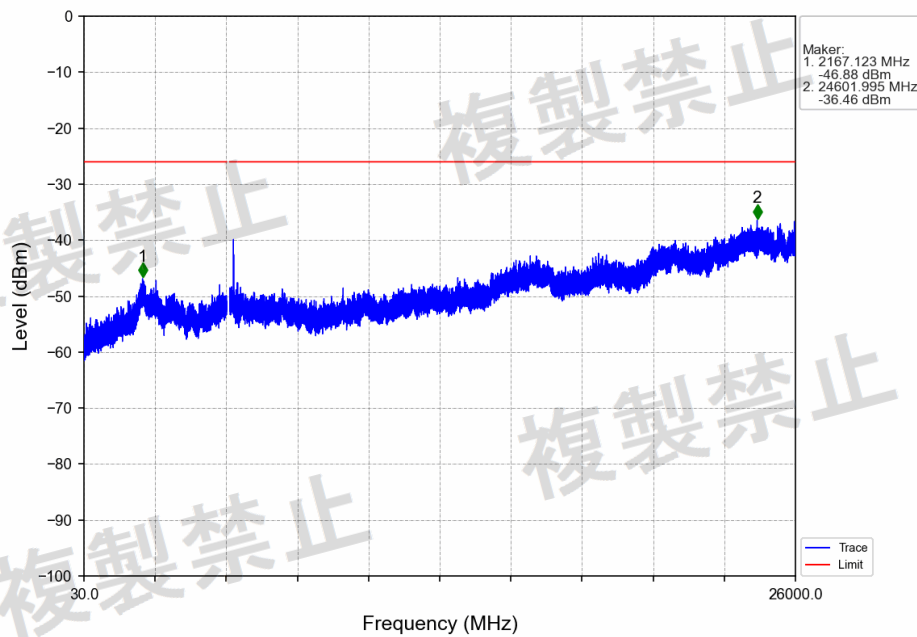
802.11ax(HEW20)_LCH_5260MHz_SU_/_Ant1_NTNV



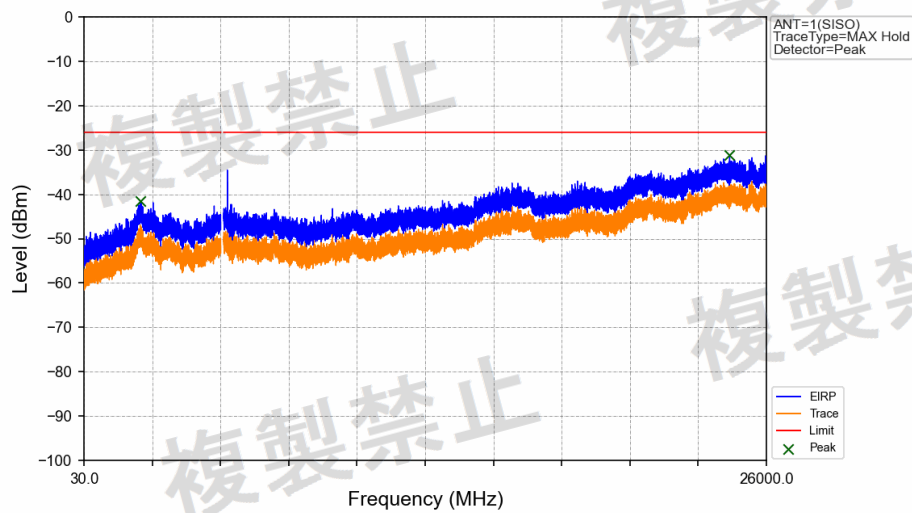
Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
30	5233.3	1	1	2222.126	-46.54	/	5.33	-41.21	/	-26.02	Pass
5350	26000	1	1	24409.262	-36.48	/	5.33	-31.15	/	-26.02	Pass

MIC: 219-269221

802.11ax(HEW20)_MCH_5300MHz_SU_ / Ant1_NTNV



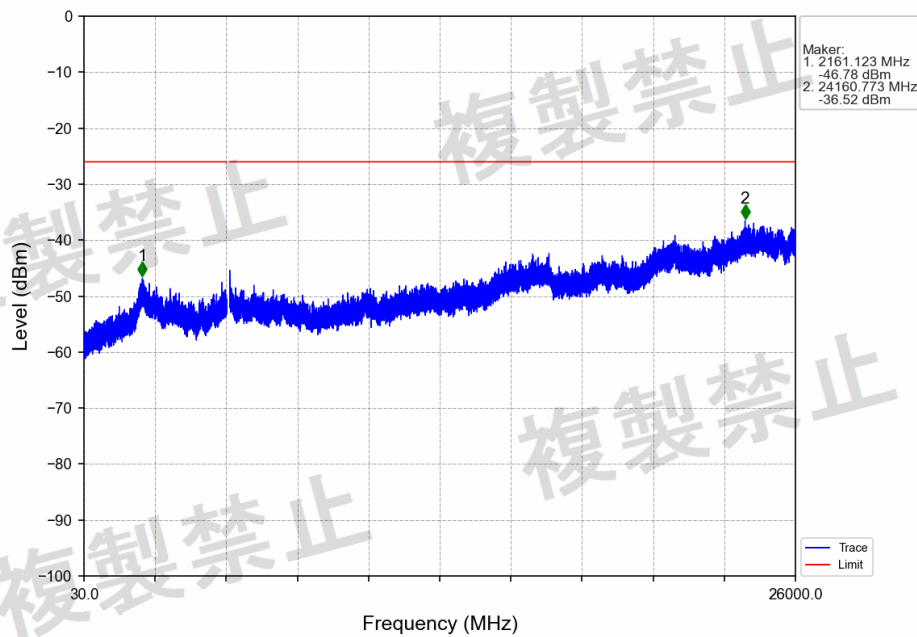
802.11ax(HEW20)_MCH_5300MHz_SU_ / Ant1_NTNV



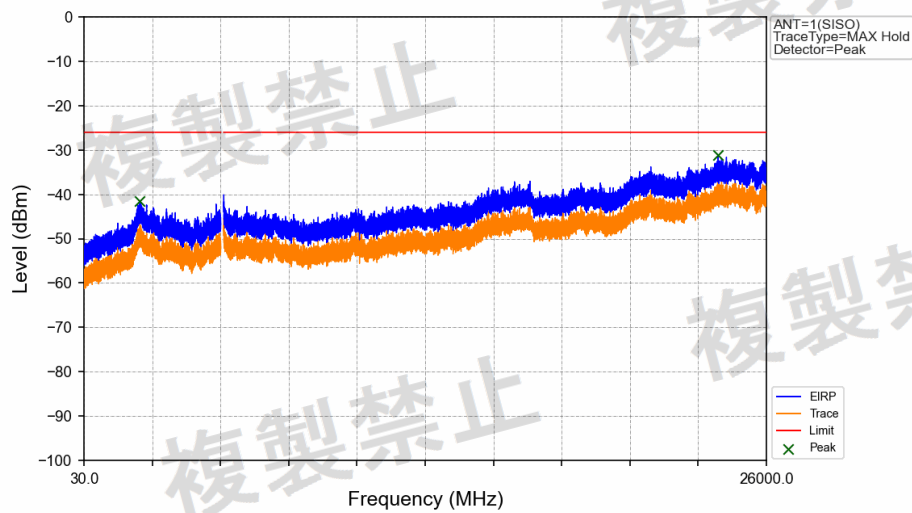
Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
30	5233.3	1	1	2167.123	-46.88	/	5.33	-41.55	/	-26.02	Pass
5350	26000	1	1	24601.995	-36.46	/	5.33	-31.13	/	-26.02	Pass

MIC: 219-269221

802.11ax(HEW20)_HCH_5320MHz_SU_ / Ant1_NTNV



802.11ax(HEW20)_HCH_5320MHz_SU_ / 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	5233.3	1	1	2161.123	-46.78	/	5.33	-41.45	/	-26.02	Pass
5350	26000	1	1	24160.773	-36.52	/	5.33	-31.19	/	-26.02	Pass

MIC: 219-269221

8. Secondary Radiated Emission

8.1 Test Result

8.1.1 RxSe_NTNV_SISO

NTNV														
Mode	TX Type	Freq. (MHz)	RU	RU Pos	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	5260	/	/	1	30	1000	893.1	-78.57	0.014	/	/	4	Pass
						1000	26000	24055.833	-52.98	5.035	-67.40	0.182	20	Pass
								24391.667	-53.60	4.365	-67.09	0.195	20	Pass
								24491.667	-53.17	4.819	-67.34	0.185	20	Pass
								24935.833	-53.34	4.634	-67.28	0.187	20	Pass
								25911.667	-53.74	4.227	-67.34	0.185	20	Pass
		5300	/	/	1	30	1000	913.1	-78.83	0.013	/	/	4	Pass
						1000	26000	24083.333	-53.12	4.875	-67.30	0.186	20	Pass
								24188.333	-53.71	4.256	-67.13	0.194	20	Pass
								24253.333	-53.42	4.550	-67.09	0.195	20	Pass
								24943.333	-52.99	5.023	-67.34	0.185	20	Pass
								25491.667	-53.71	4.256	-67.43	0.181	20	Pass
		5320	/	/	1	30	1000	471.95	-78.29	0.015	/	/	4	Pass
						1000	26000	2410	-52.55	5.559	-66.22	0.239	20	Pass
								24437.5	-53.51	4.457	-67.11	0.195	20	Pass
								24629.167	-52.55	5.559	-67.23	0.189	20	Pass
								25094.167	-53.40	4.571	-67.66	0.171	20	Pass
								25421.667	-53.39	4.581	-67.12	0.194	20	Pass
802.11n (HT20)	SISO	5260	/	/	1	30	1000	704.2	-64.91	0.323	/	/	4	Pass
						1000	26000	2410	-50.44	9.036	-68.11	0.155	20	Pass
								24395.833	-53.44	4.529	-67.03	0.198	20	Pass
								24698.333	-53.58	4.385	-66.88	0.205	20	Pass
								24823.333	-52.92	5.105	-66.97	0.201	20	Pass
								25062.5	-53.43	4.539	-67.61	0.173	20	Pass
		5300	/	/	1	30	1000	997.75	-77.86	0.016	/	/	4	Pass
						1000	26000	2410	-50.89	8.147	-79.32	0.012	20	Pass
								24858.333	-53.21	4.775	-67.02	0.199	20	Pass
								25367.5	-52.88	5.152	-67.48	0.179	20	Pass
								25450.833	-52.88	5.152	-67.21	0.190	20	Pass
								25853.333	-53.12	4.875	-67.40	0.182	20	Pass
		5320	/	/	1	30	1000	946	-78.44	0.014	/	/	4	Pass
						1000	26000	2410	-50.06	9.863	-79.27	0.012	20	Pass
								24220	-53.68	4.285	-67.01	0.199	20	Pass
								24881.667	-53.40	4.571	-67.08	0.196	20	Pass
								25015	-53.31	4.667	-67.49	0.178	20	Pass
								25497.5	-53.48	4.487	-67.47	0.179	20	Pass
802.11ac (VHT20)	SISO	5260	/	/	1	30	1000	824.5	-78.69	0.014	/	/	4	Pass
						1000	26000	2410	-50.43	9.057	-60.80	0.832	20	Pass
								24358.333	-53.99	3.990	-67.08	0.196	20	Pass
								24665.833	-52.71	5.358	-67.03	0.198	20	Pass
								25066.667	-53.66	4.305	-67.64	0.172	20	Pass
								25865.833	-53.55	4.416	-67.36	0.184	20	Pass

MIC: 219-269221

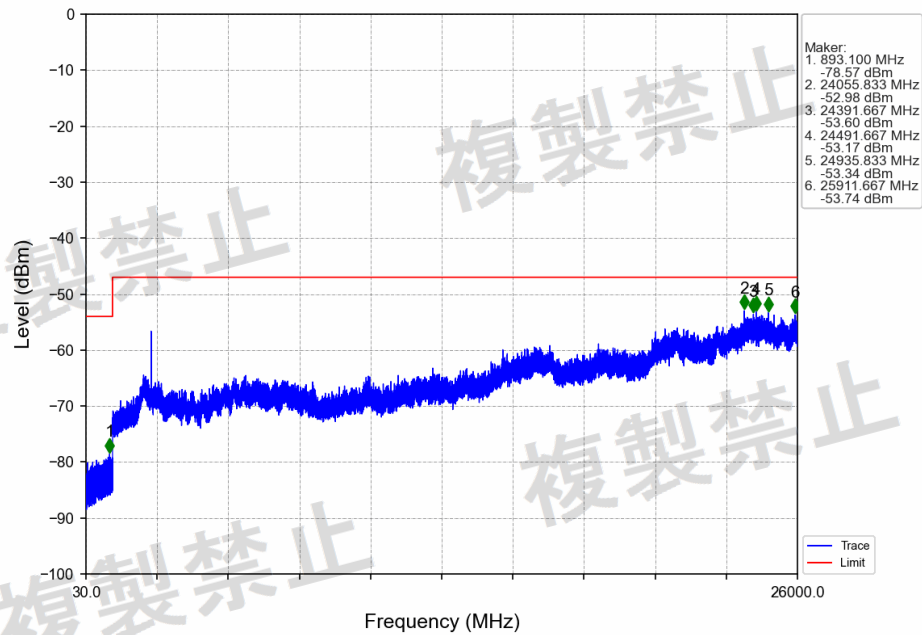
802.11ax (HEW20)	SISO	5300	/	/	1	30	1000	709.1	-67.96	0.160	/	/	4	Pass
						1000	26000	1954.167	-48.73	13.397	-80.50	0.009	20	Pass
								24039.167	-53.81	4.159	-67.37	0.183	20	Pass
								24245.833	-53.53	4.436	-67.01	0.199	20	Pass
								24422.5	-51.25	7.499	-67.10	0.195	20	Pass
								24854.167	-53.32	4.656	-67.00	0.200	20	Pass
		5320	/	/	1	30	1000	895.1	-78.46	0.014	/	/	4	Pass
						1000	26000	2410.833	-51.00	7.943	-71.07	0.078	20	Pass
								24230	-53.30	4.677	-66.98	0.200	20	Pass
								24871.667	-52.87	5.164	-67.00	0.200	20	Pass
								25155	-52.99	5.023	-67.99	0.159	20	Pass
								25406.667	-53.45	4.519	-67.09	0.195	20	Pass
	SISO	5260	SU	/	1	30	1000	906.65	-79.00	0.013	/	/	4	Pass
						1000	26000	2410.833	-49.63	10.889	-65.52	0.281	20	Pass
								24165.833	-53.40	4.571	-67.14	0.193	20	Pass
								24297.5	-53.60	4.365	-67.13	0.194	20	Pass
								24753.333	-52.66	5.420	-66.94	0.202	20	Pass
		5300	SU	/	1	30	1000	873.45	-79.08	0.012	/	/	4	Pass
						1000	26000	24368.333	-53.33	4.645	-67.04	0.198	20	Pass
								24666.667	-53.20	4.786	-67.02	0.199	20	Pass
								24877.5	-53.46	4.508	-66.98	0.200	20	Pass
								25405.833	-53.06	4.943	-67.11	0.195	20	Pass
		5320	SU	/	1	30	1000	746.05	-78.71	0.013	/	/	4	Pass
						1000	26000	2410.833	-50.91	8.110	-63.71	0.426	20	Pass
								24123.333	-51.75	6.683	-67.22	0.190	20	Pass
								24263.333	-53.44	4.529	-67.02	0.199	20	Pass
								25096.667	-53.18	4.808	-67.69	0.170	20	Pass
								25875	-53.16	4.831	-67.31	0.186	20	Pass

8.2 Test Graph

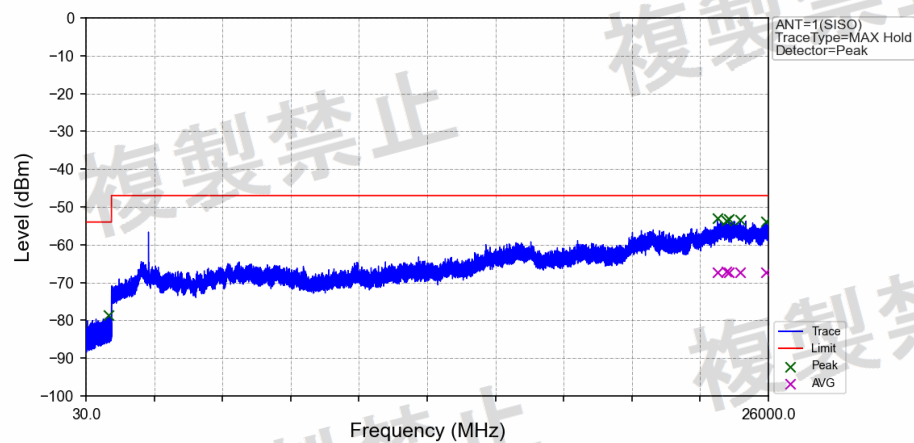
8.2.1 RxSe_NTNV_SISO

802.11a_LCH_5260MHz_Ant1_NTNV

MIC: 219-269221

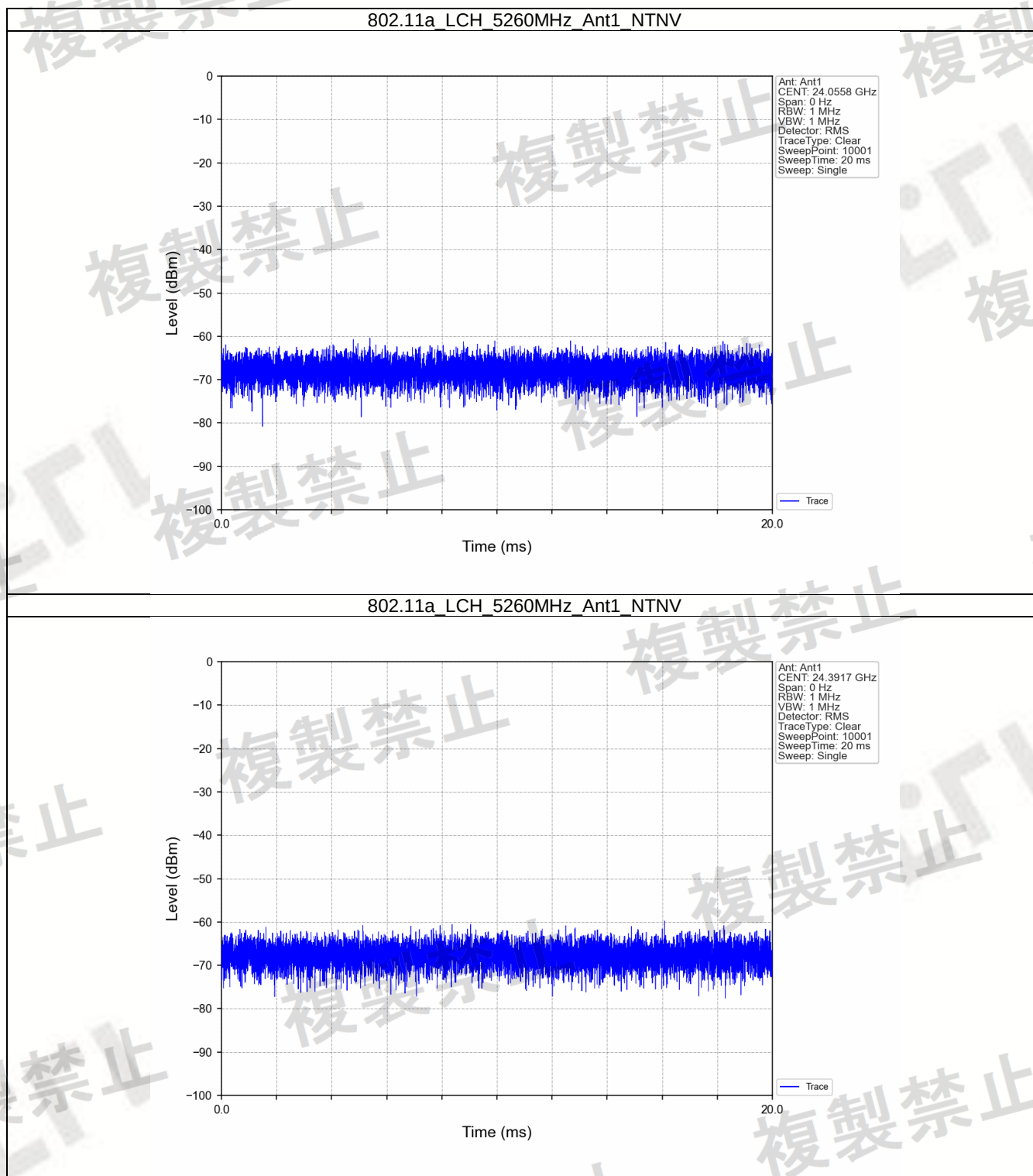


802.11a_LCH_5260MHz_Ant1_NTNV

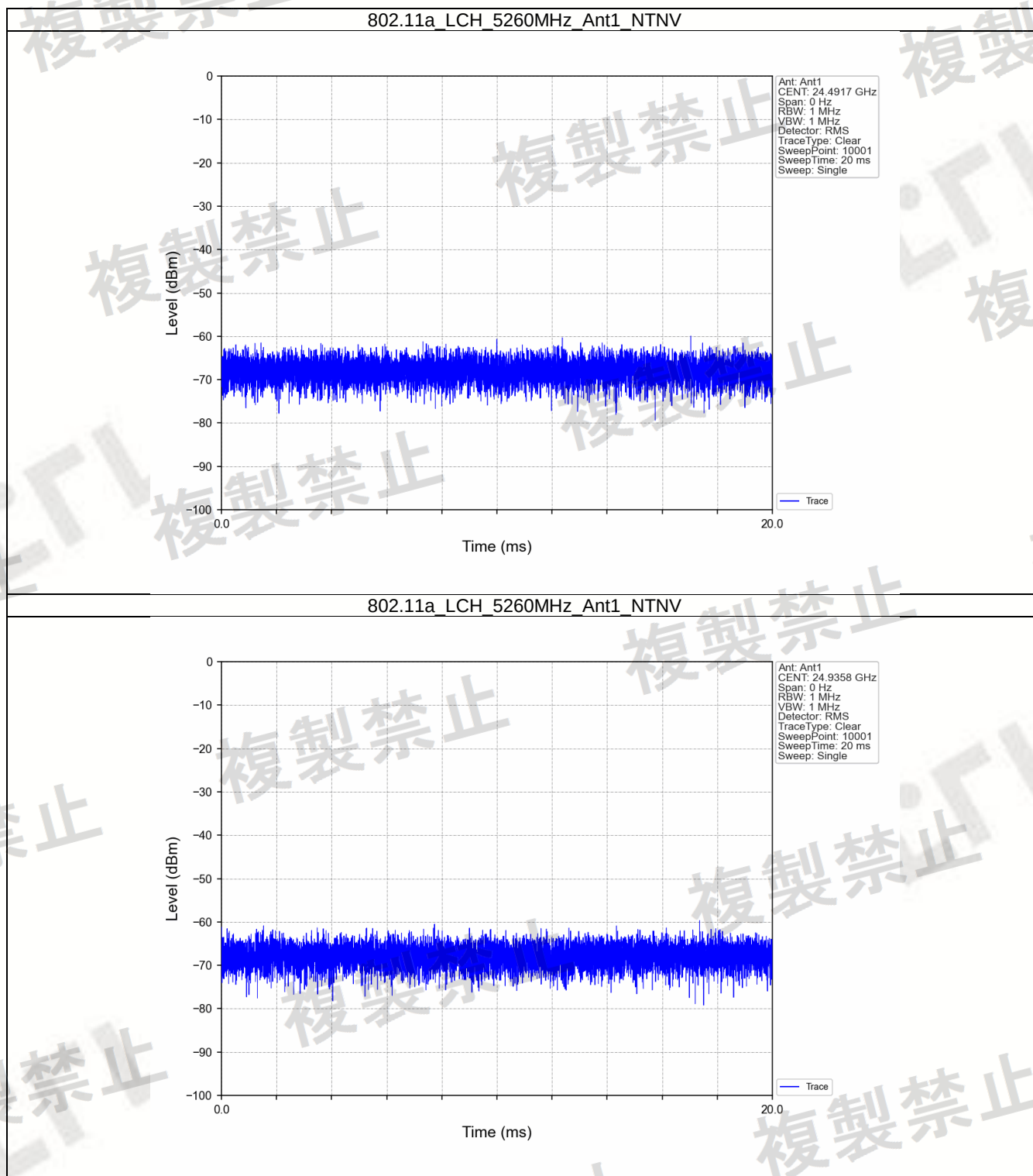


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	1000	0.1	0.1	893.100	-78.57	/	-54	Pass
1000	26000	1	1	24055.833	-52.98	-67.40	-47	Pass
1000	26000	1	1	24391.667	-53.60	-67.09	-47	Pass
1000	26000	1	1	24491.667	-53.17	-67.34	-47	Pass
1000	26000	1	1	24935.833	-53.34	-67.28	-47	Pass
1000	26000	1	1	25911.667	-53.74	-67.34	-47	Pass

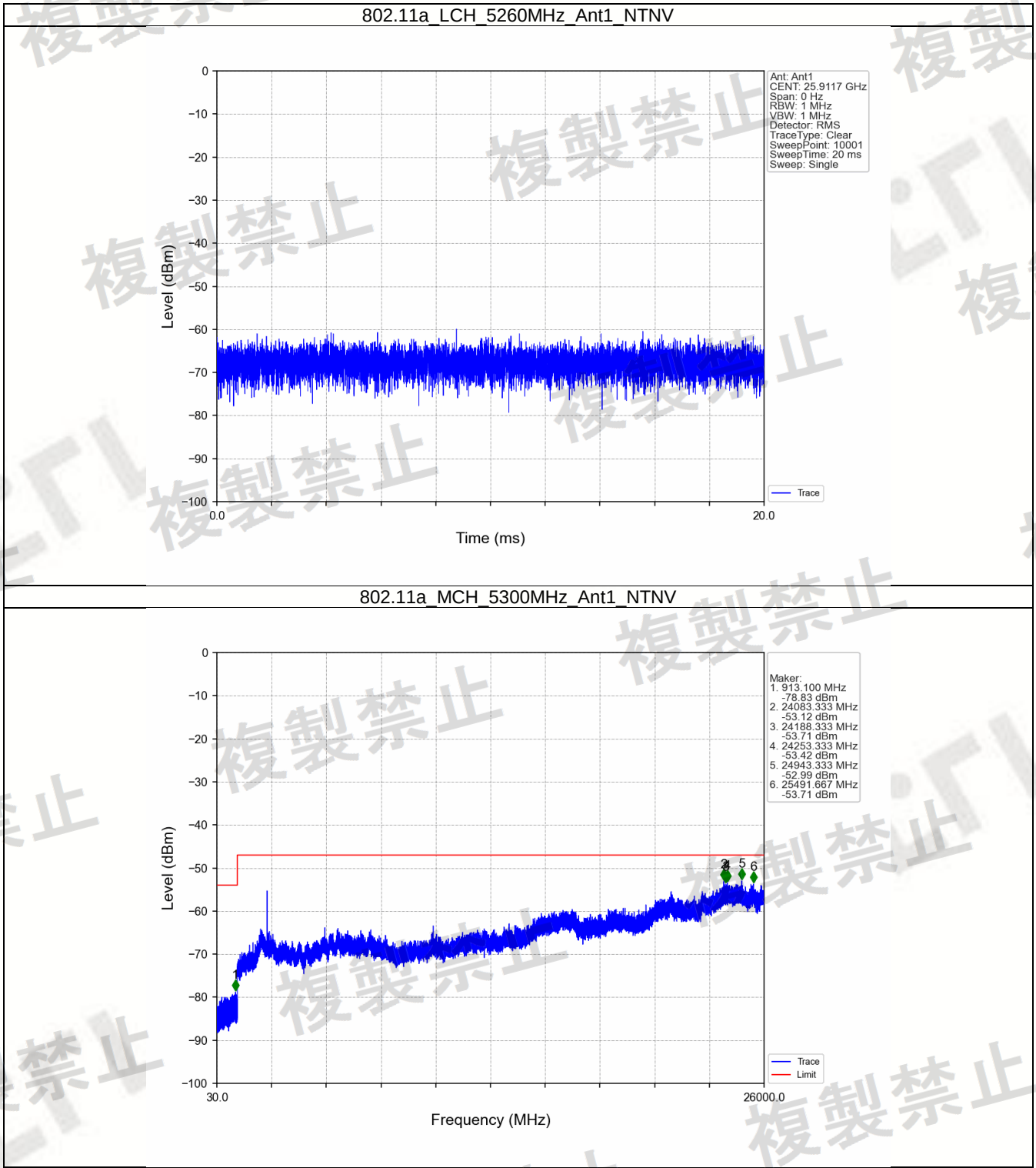
MIC: 219-269221



MIC: 219-269221

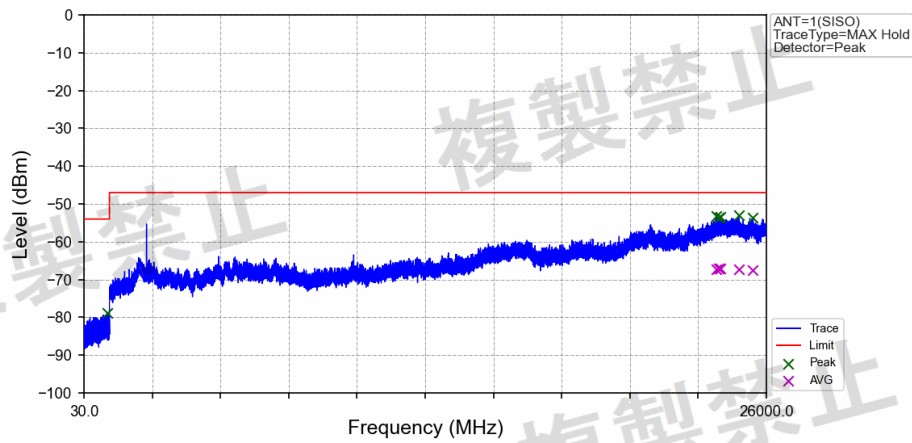


MIC: 219-269221



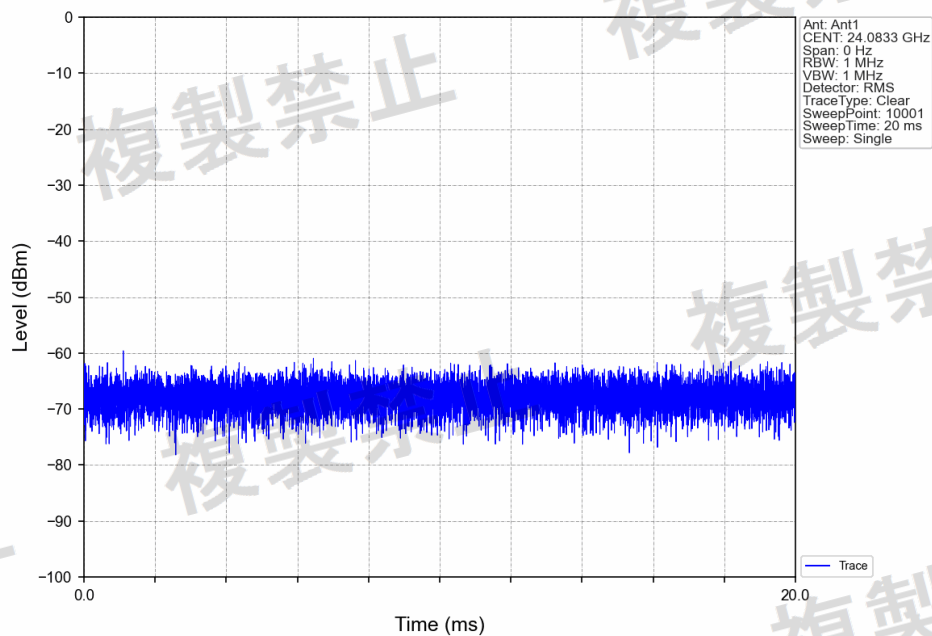
MIC: 219-269221

802.11a_MCH_5300MHz_Ant1_NTNV

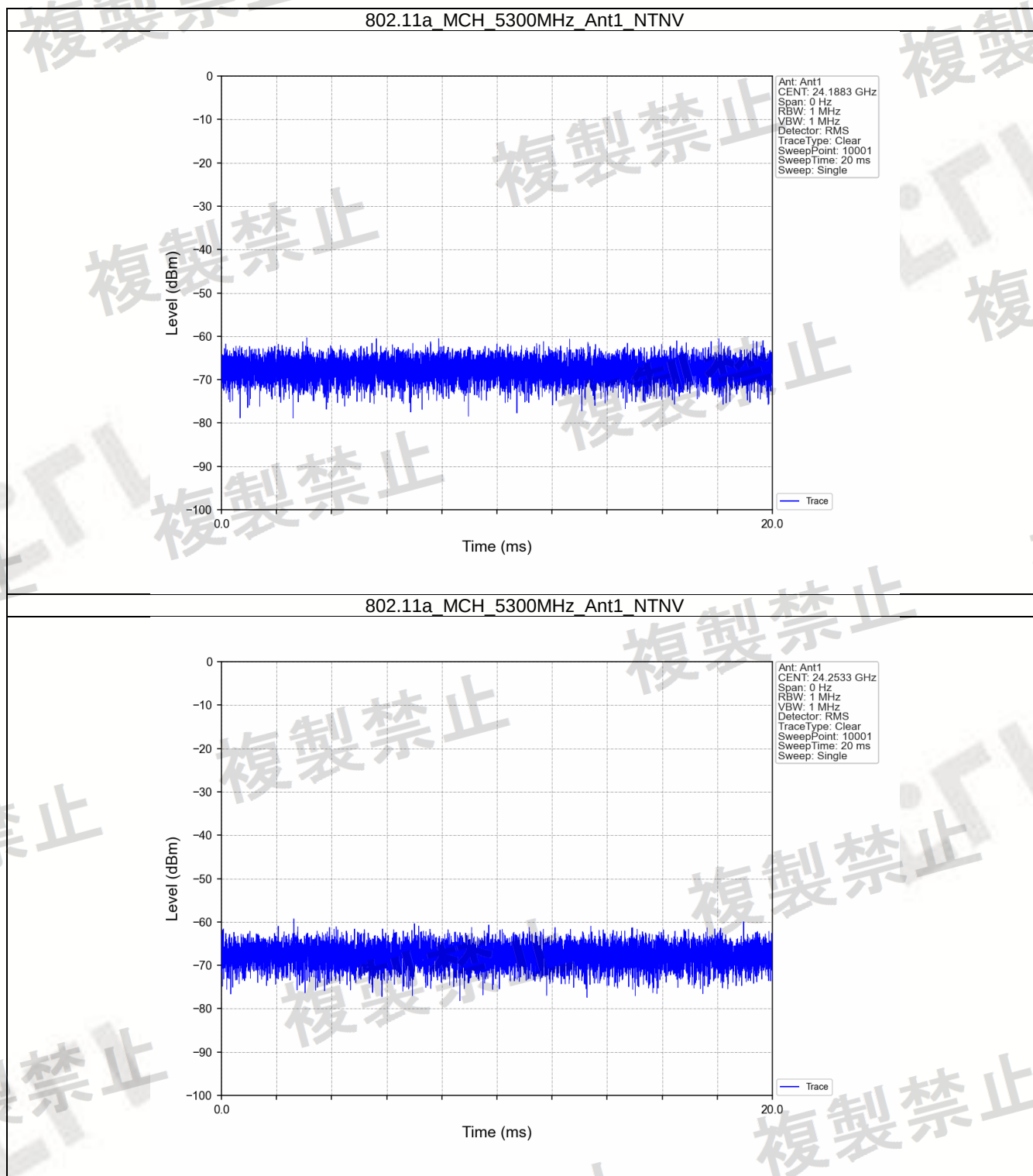


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	1000	0.1	0.1	913.100	-78.83	/	-54	Pass
1000	26000	1	1	24083.333	-53.12	-67.30	-47	Pass
1000	26000	1	1	24188.333	-53.71	-67.13	-47	Pass
1000	26000	1	1	24253.333	-53.42	-67.09	-47	Pass
1000	26000	1	1	24943.333	-52.99	-67.34	-47	Pass
1000	26000	1	1	25491.667	-53.71	-67.43	-47	Pass

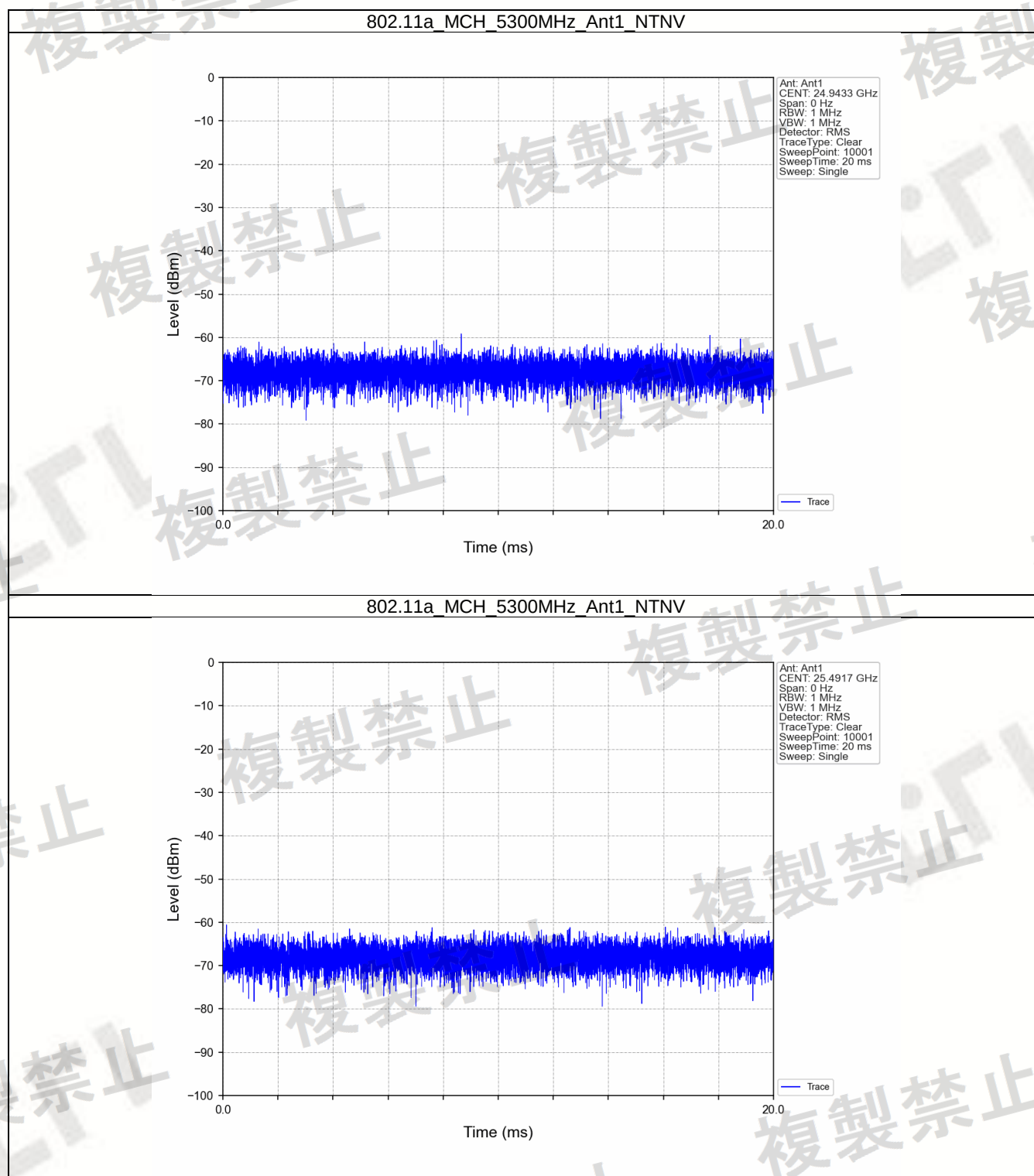
802.11a_MCH_5300MHz_Ant1_NTNV



MIC: 219-269221

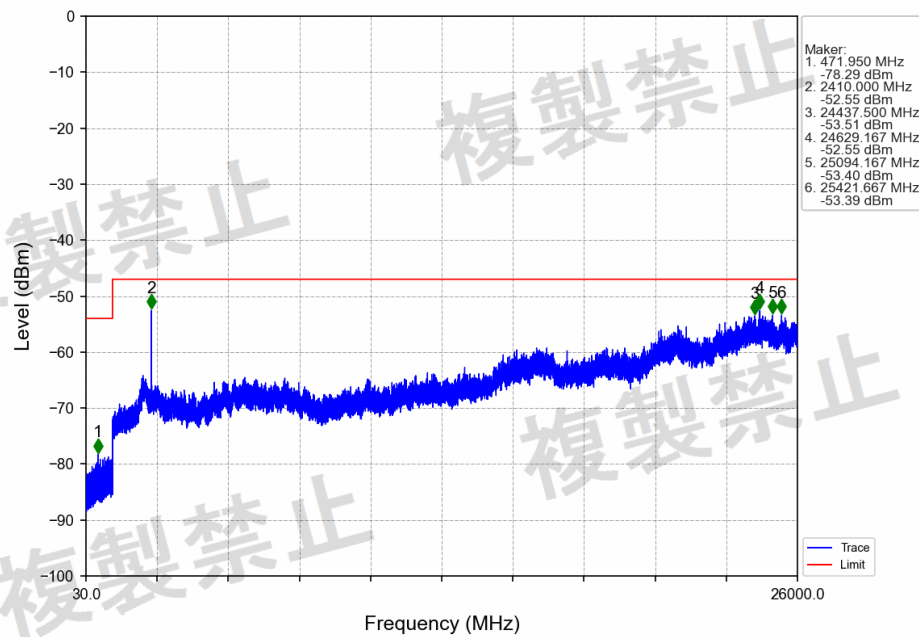


MIC: 219-269221

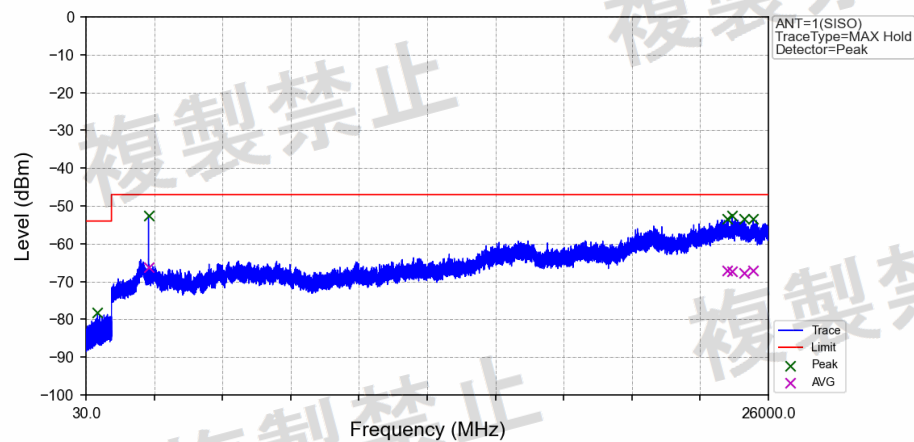


MIC: 219-269221

802.11a_HCH_5320MHz_Ant1_NTNV

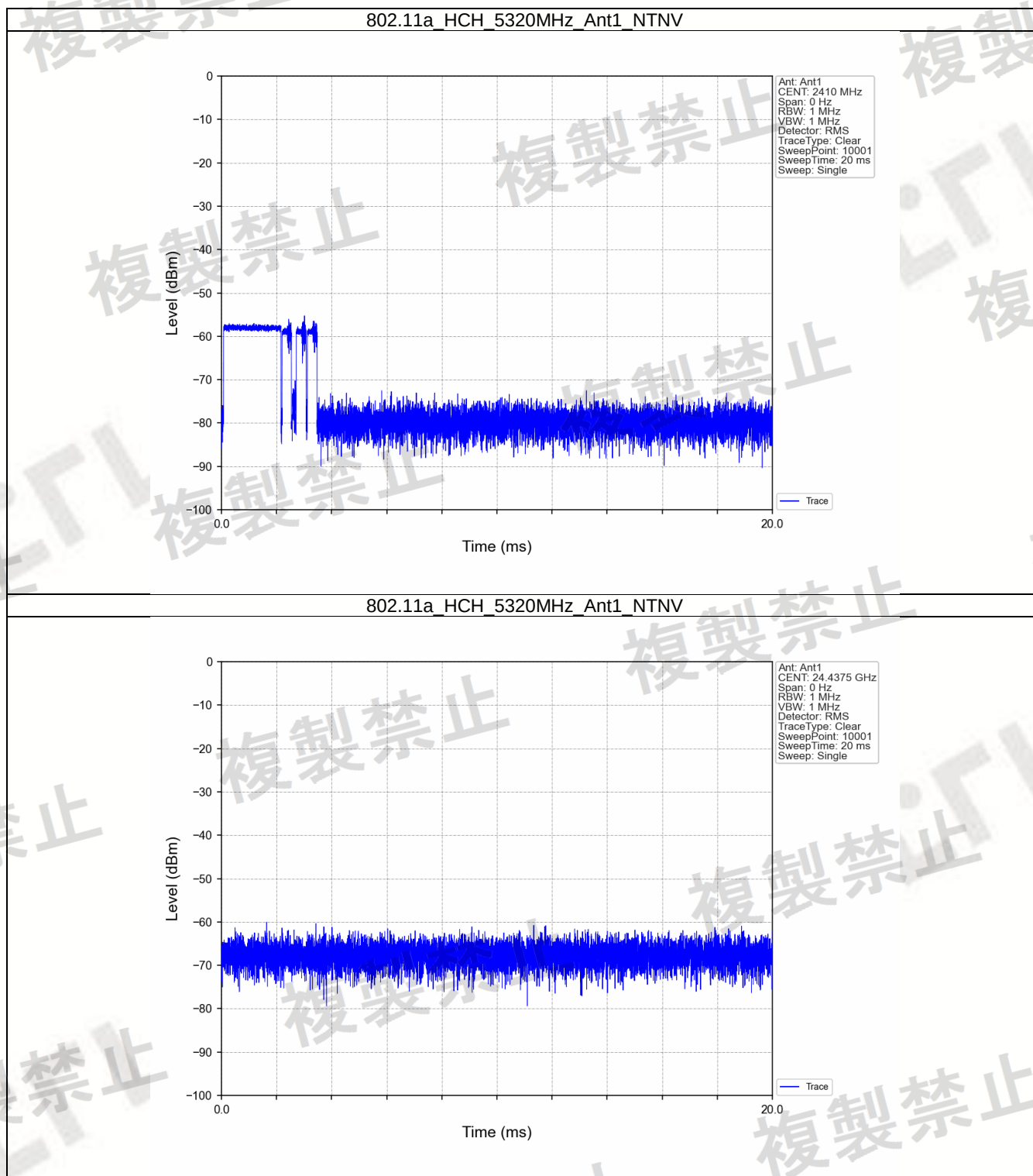


802.11a_HCH_5320MHz_Ant1_NTNV

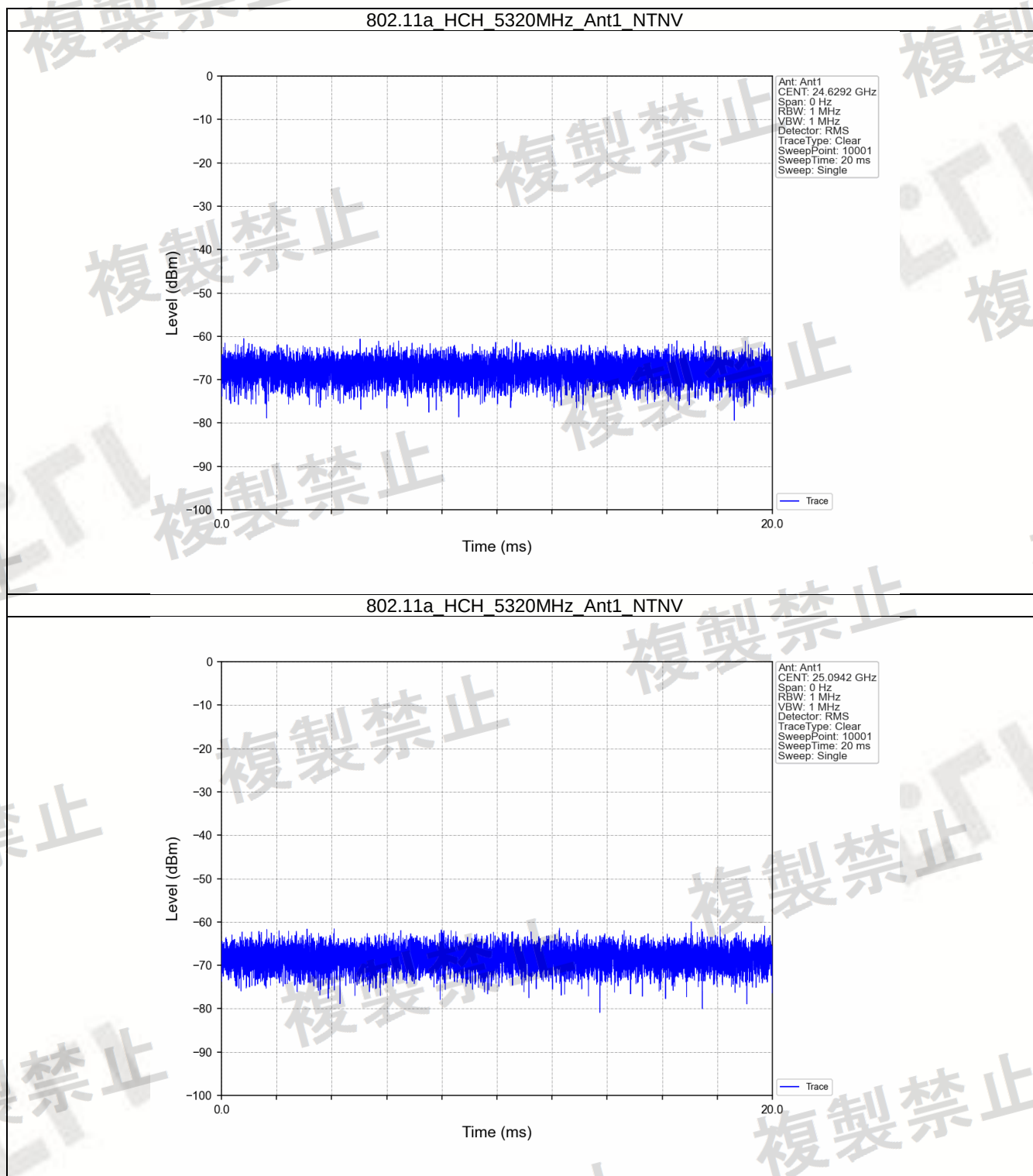


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	1000	0.1	0.1	471.950	-78.29	/	-54	Pass
1000	26000	1	1	2410.000	-52.55	-66.22	-47	Pass
1000	26000	1	1	24437.500	-53.51	-67.11	-47	Pass
1000	26000	1	1	24629.167	-52.55	-67.23	-47	Pass
1000	26000	1	1	25094.167	-53.40	-67.66	-47	Pass
1000	26000	1	1	25421.667	-53.39	-67.12	-47	Pass

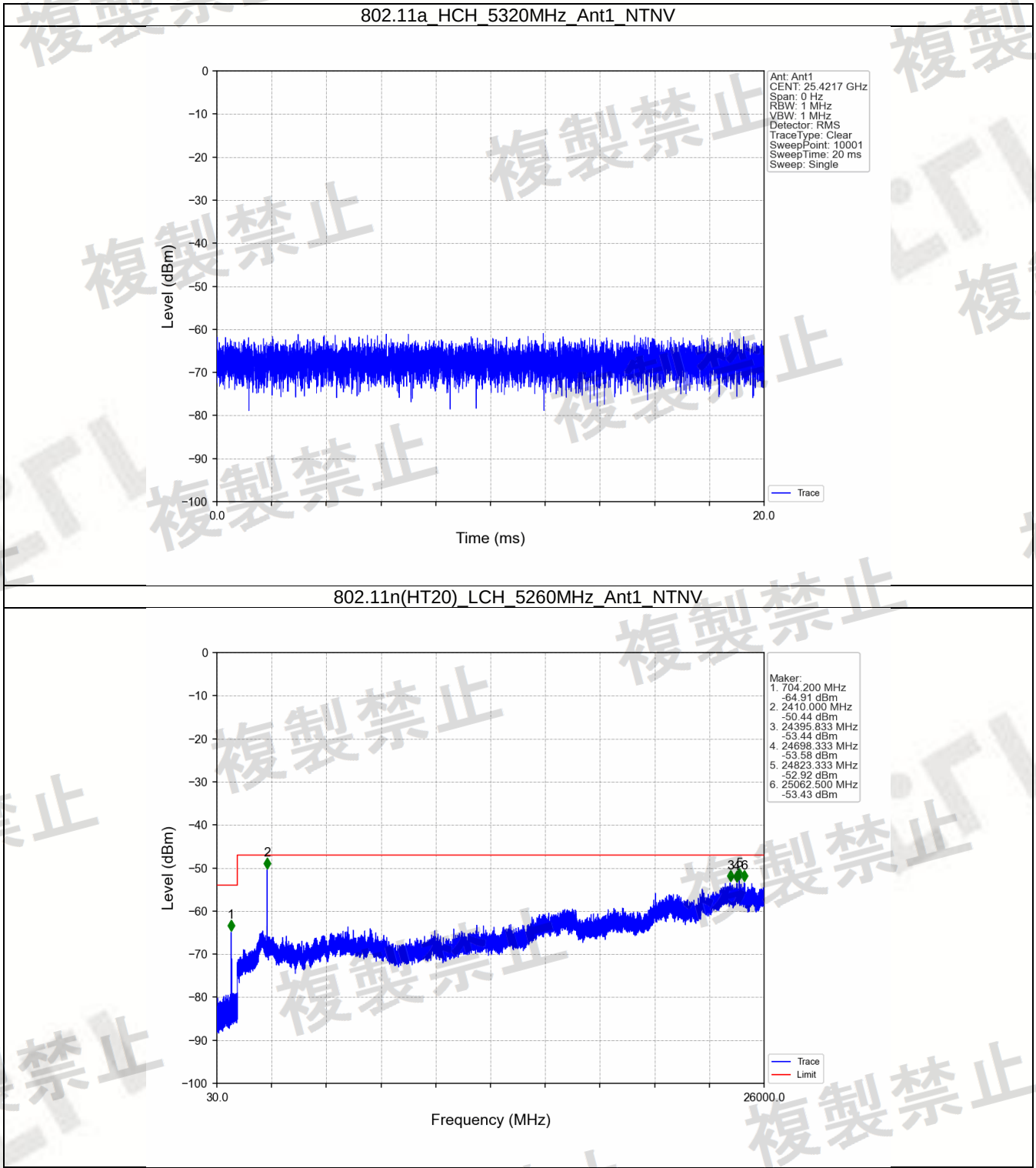
MIC: 219-269221



MIC: 219-269221

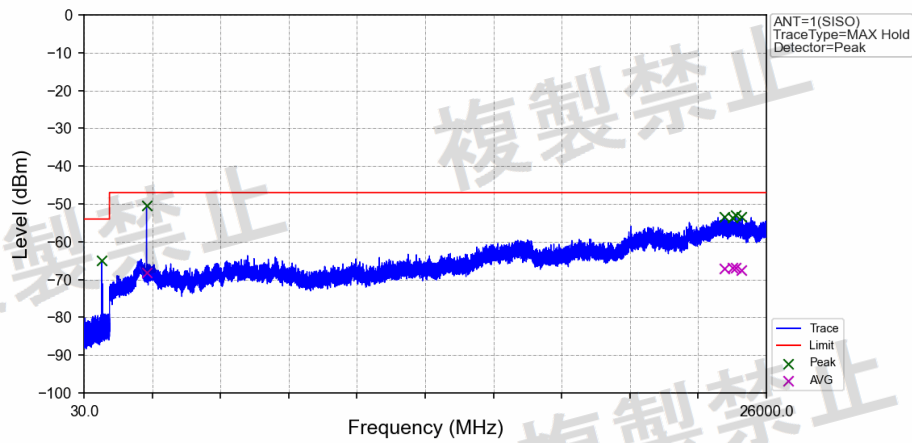


MIC: 219-269221



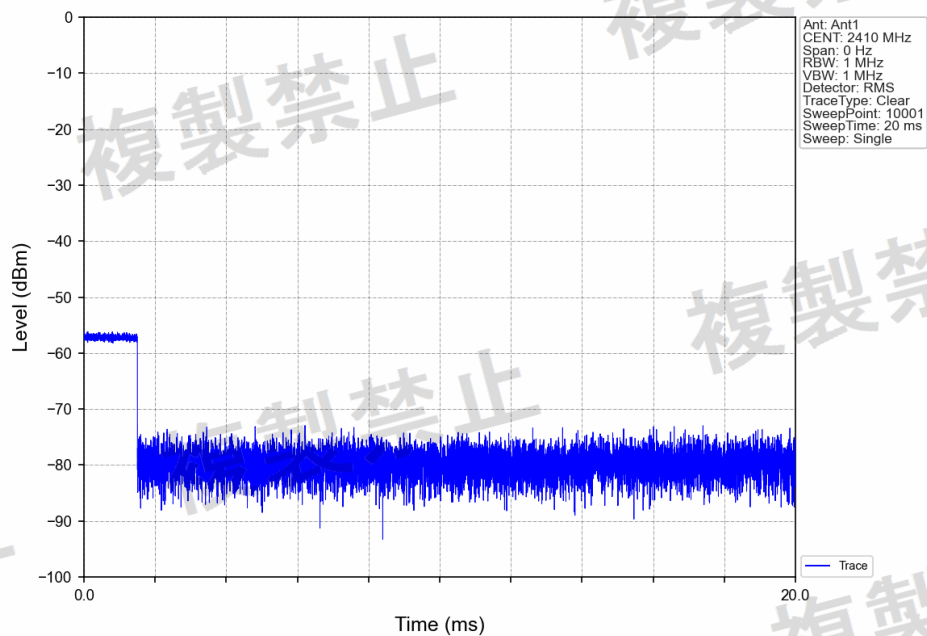
MIC: 219-269221

802.11n(HT20) LCH 5260MHz Ant1_NTNV

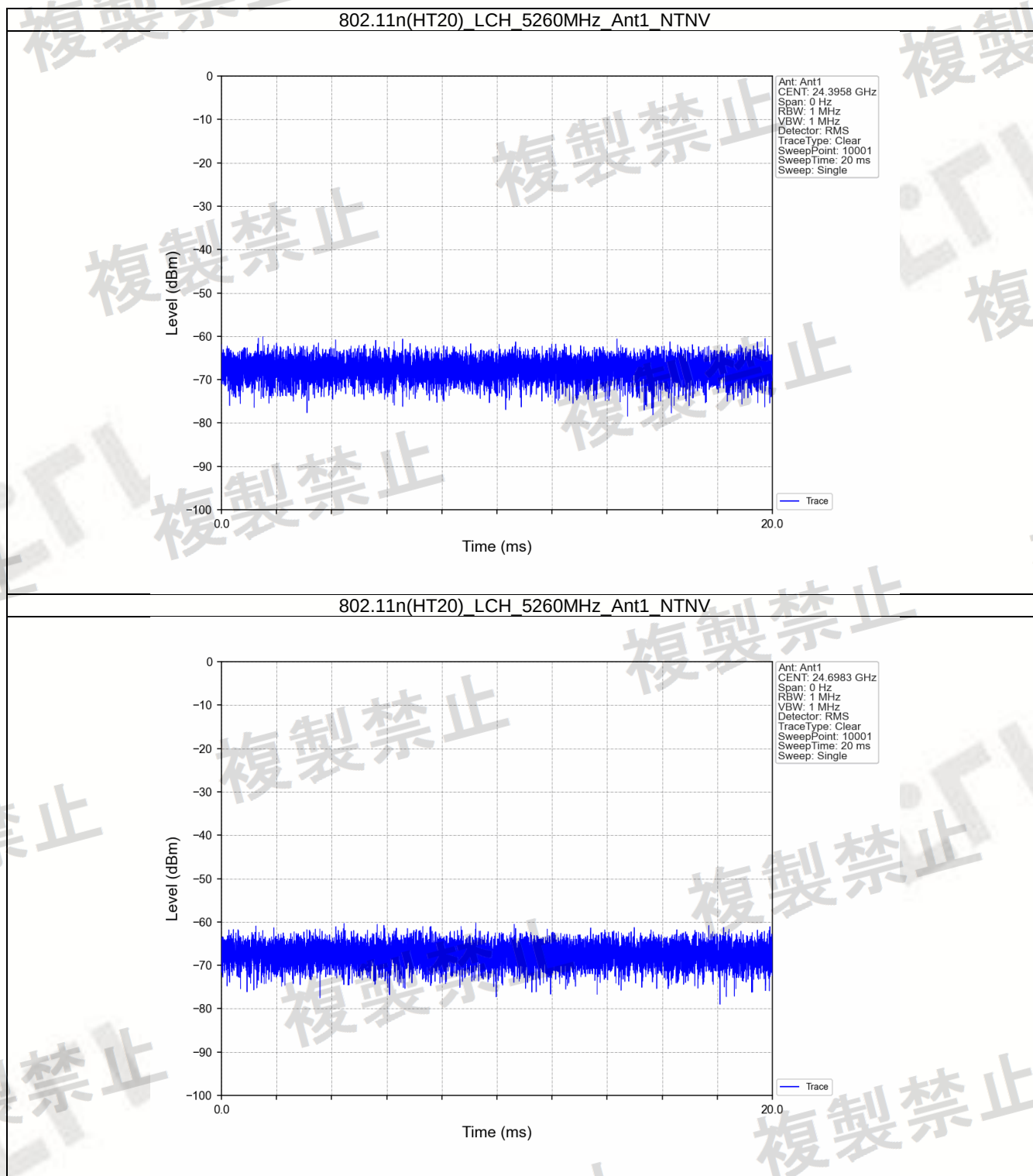


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	1000	0.1	0.1	704.200	-64.91	/	-54	Pass
1000	26000	1	1	2410.000	-50.44	-68.11	-47	Pass
1000	26000	1	1	24395.833	-53.44	-67.03	-47	Pass
1000	26000	1	1	24698.333	-53.58	-66.88	-47	Pass
1000	26000	1	1	24823.333	-52.92	-66.97	-47	Pass
1000	26000	1	1	25062.500	-53.43	-67.61	-47	Pass

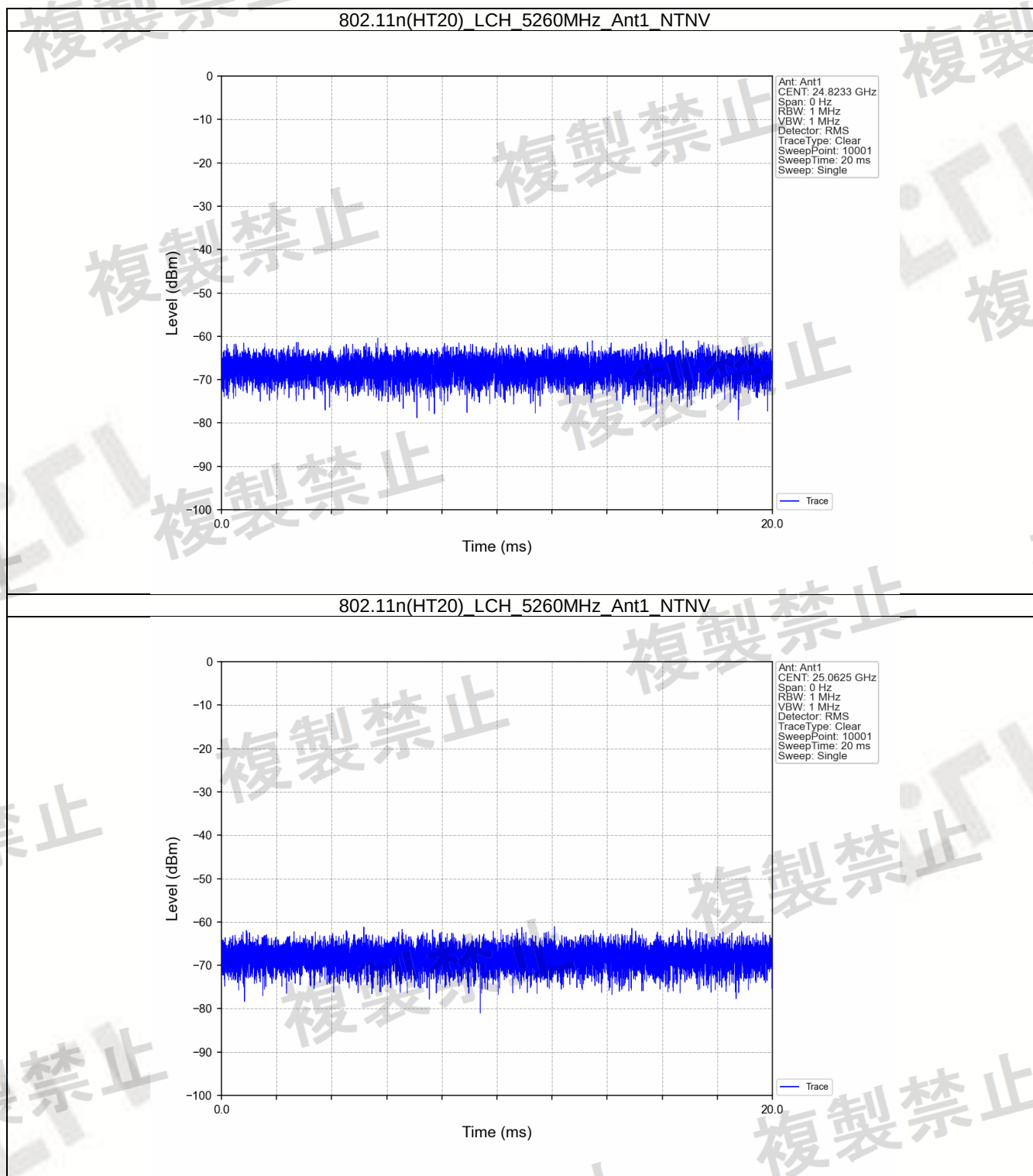
802.11n(HT20) LCH 5260MHz Ant1_NTNV



MIC: 219-269221

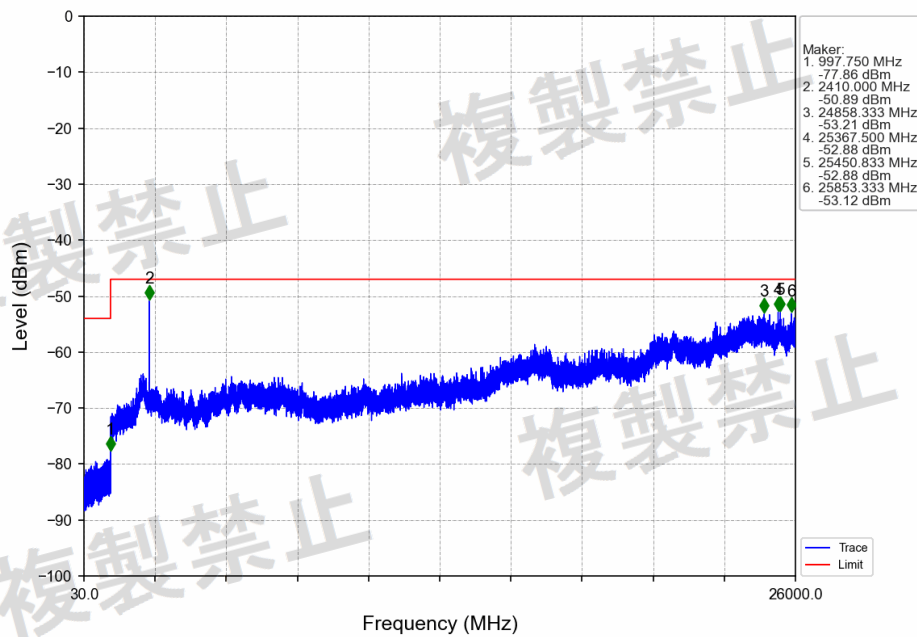


MIC: 219-269221

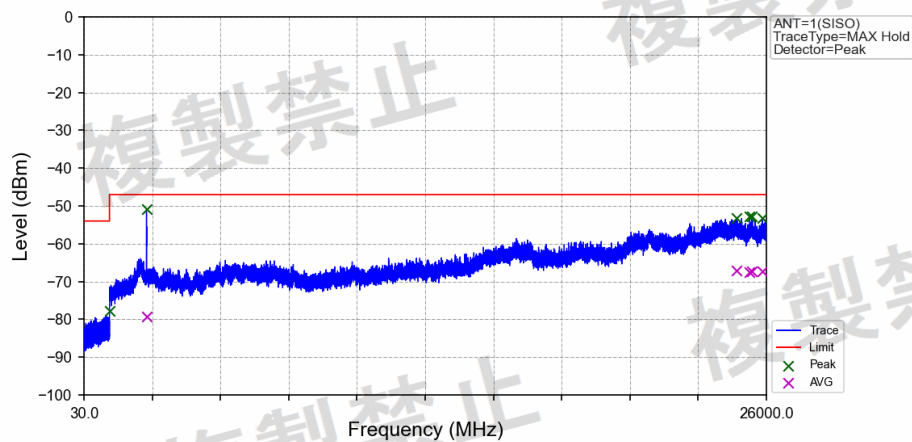


MIC: 219-269221

802.11n(HT20)_MCH_5300MHz_Ant1_NTNV

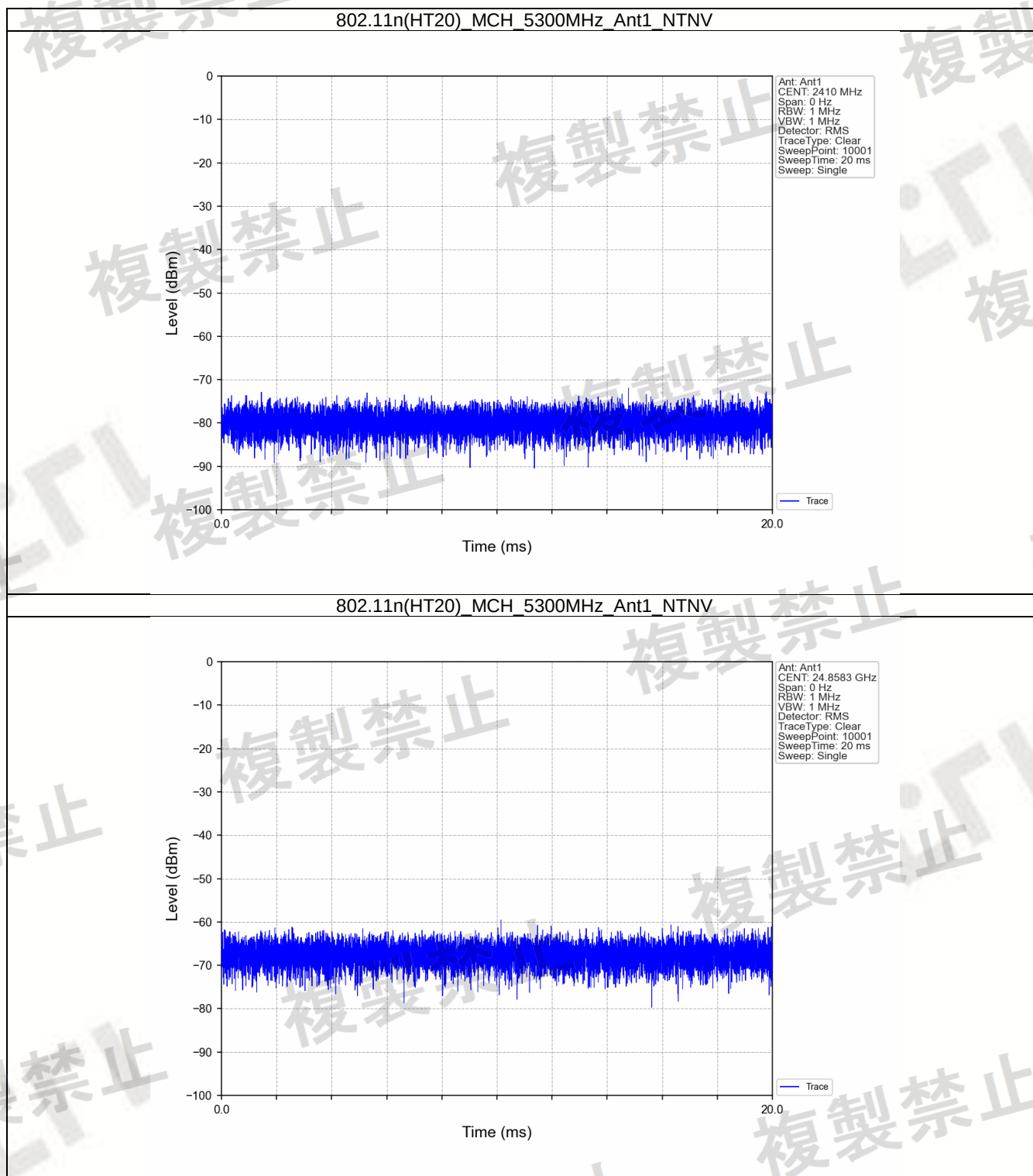


802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



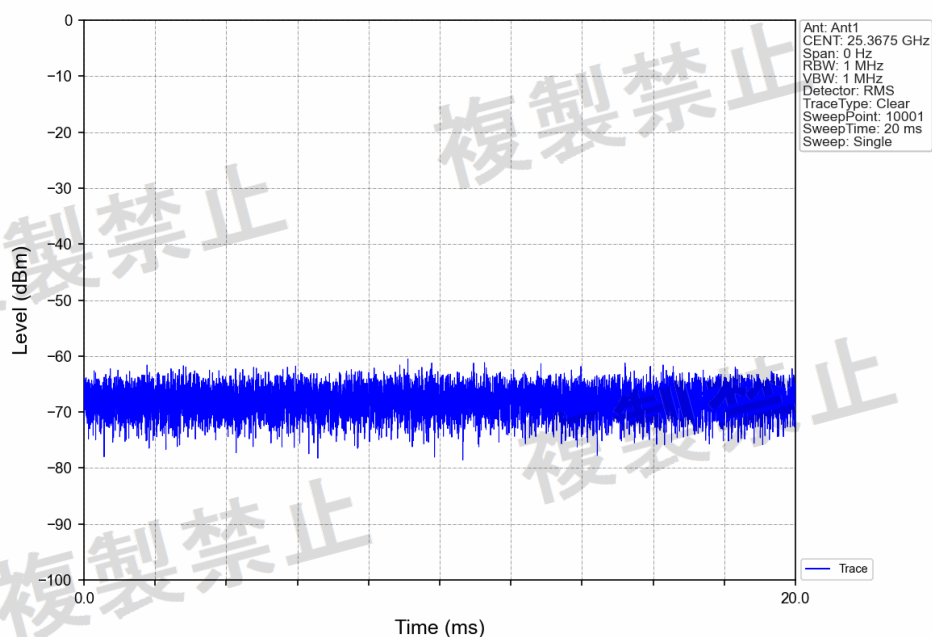
Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	1000	0.1	0.1	997.750	-77.86	/	-54	Pass
1000	26000	1	1	2410.000	-50.89	-79.32	-47	Pass
1000	26000	1	1	24858.333	-53.21	-67.02	-47	Pass
1000	26000	1	1	25367.500	-52.88	-67.48	-47	Pass
1000	26000	1	1	25450.833	-52.88	-67.21	-47	Pass
1000	26000	1	1	25853.333	-53.12	-67.40	-47	Pass

MIC: 219-269221

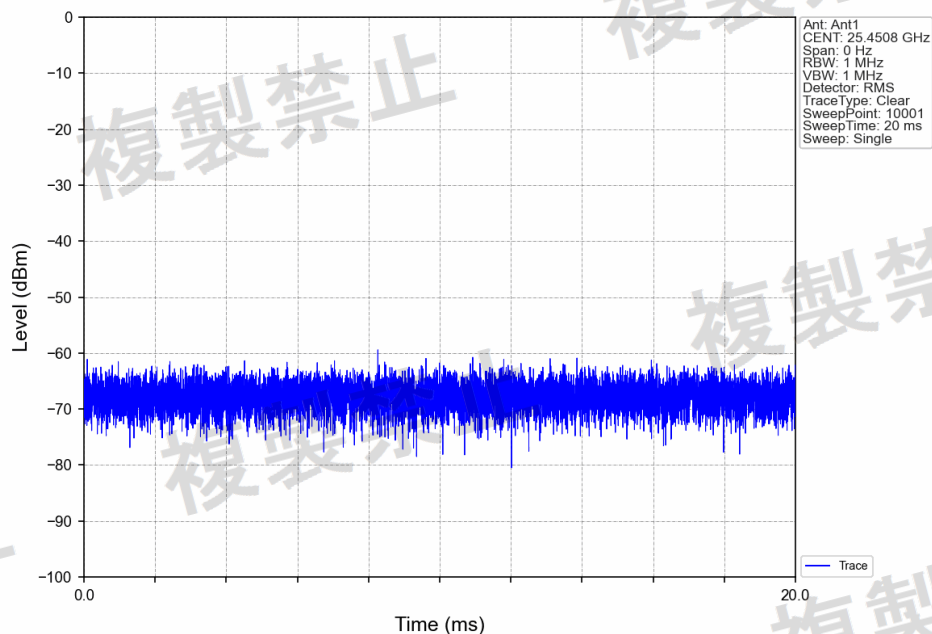


MIC: 219-269221

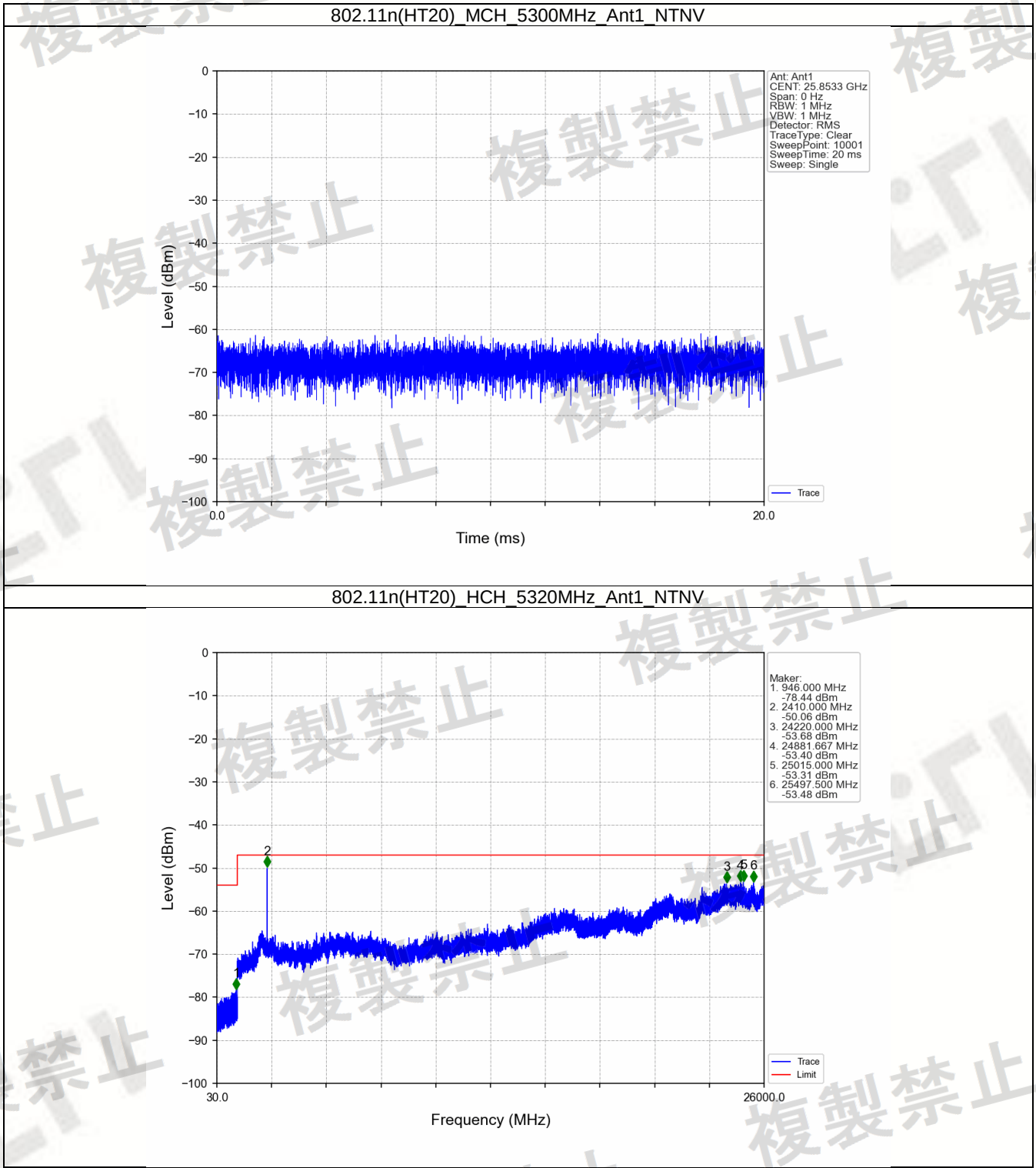
802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



802.11n(HT20)_MCH_5300MHz_Ant1_NTNV

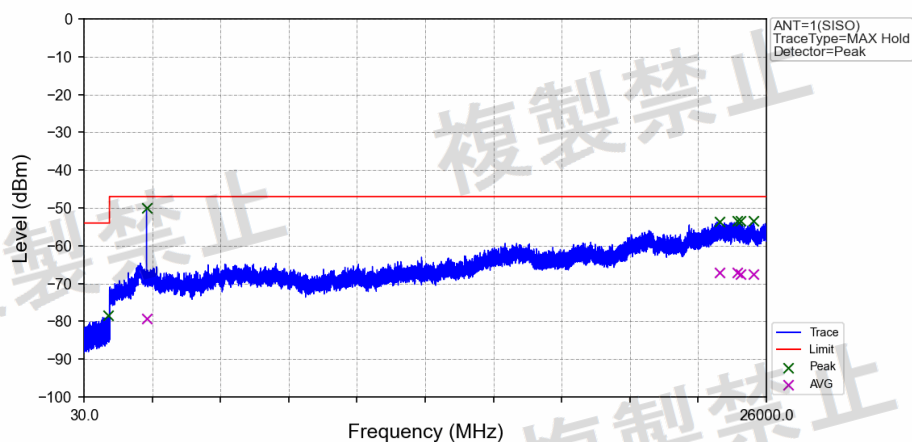


MIC: 219-269221



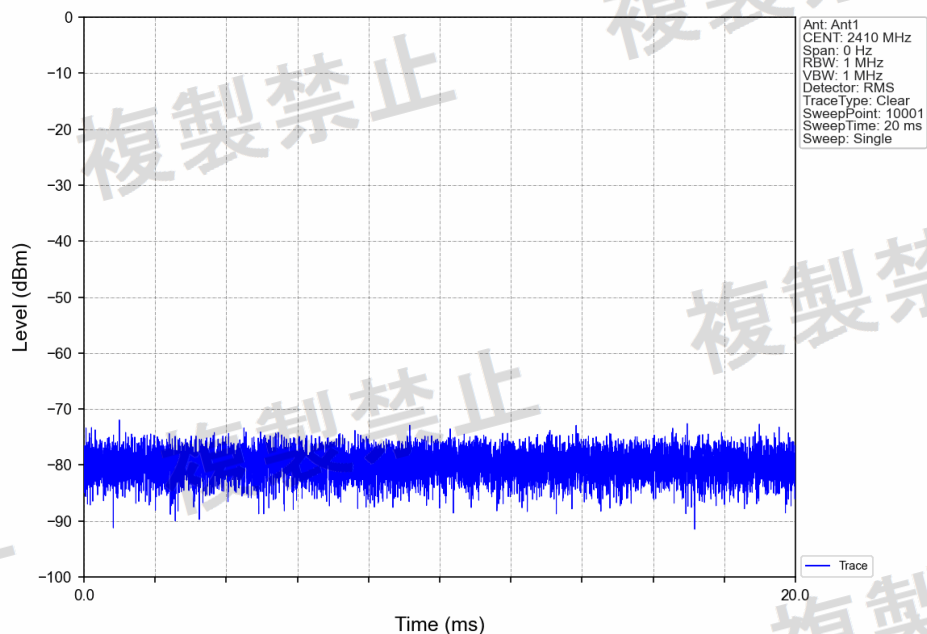
MIC: 219-269221

802.11n(HT20) HCH 5320MHz_Ant1_NTNV

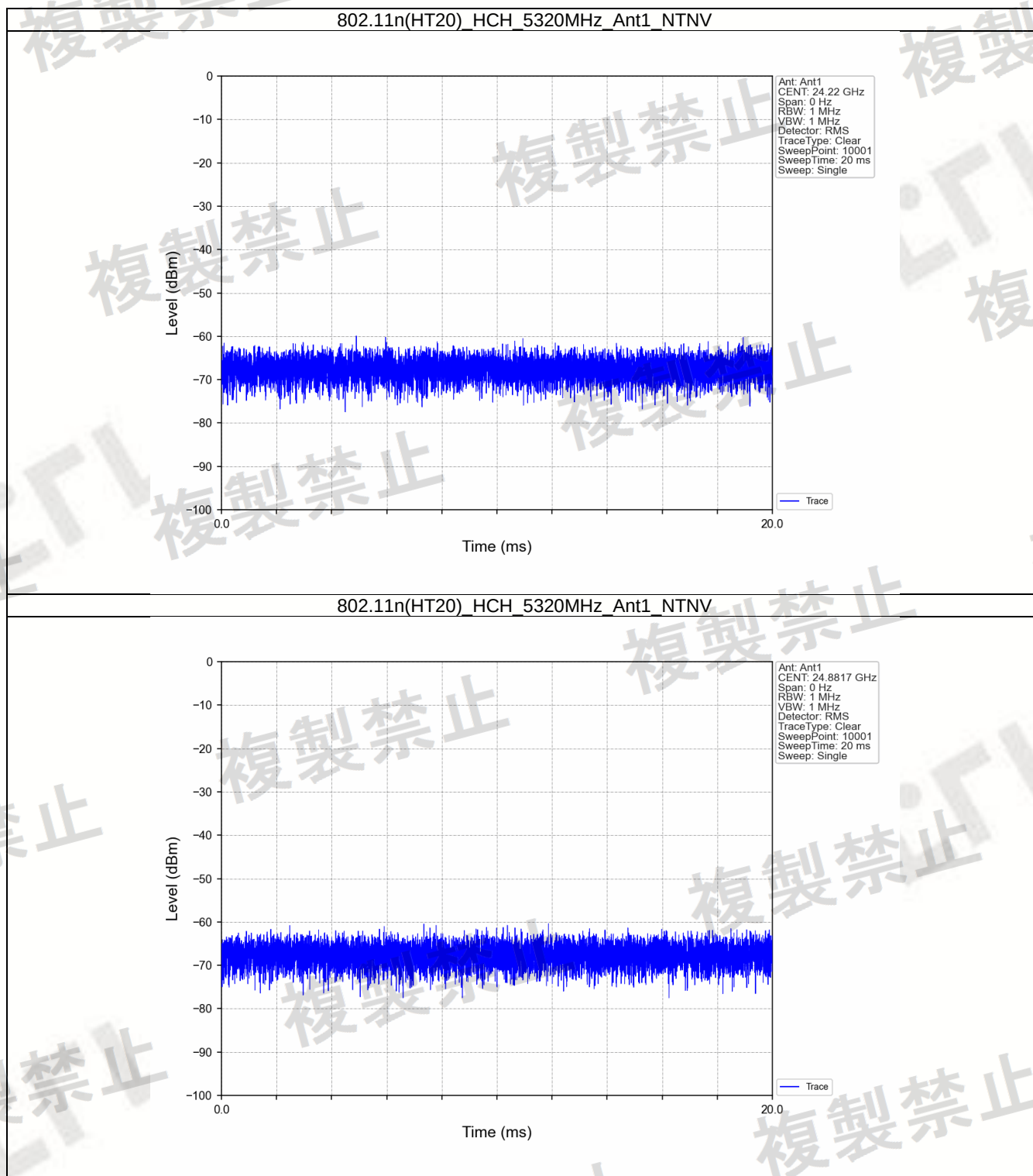


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	1000	0.1	0.1	946.000	-78.44	/	-54	Pass
1000	26000	1	1	2410.000	-50.06	-79.27	-47	Pass
1000	26000	1	1	24220.000	-53.68	-67.01	-47	Pass
1000	26000	1	1	24881.667	-53.40	-67.08	-47	Pass
1000	26000	1	1	25015.000	-53.31	-67.49	-47	Pass
1000	26000	1	1	25497.500	-53.48	-67.47	-47	Pass

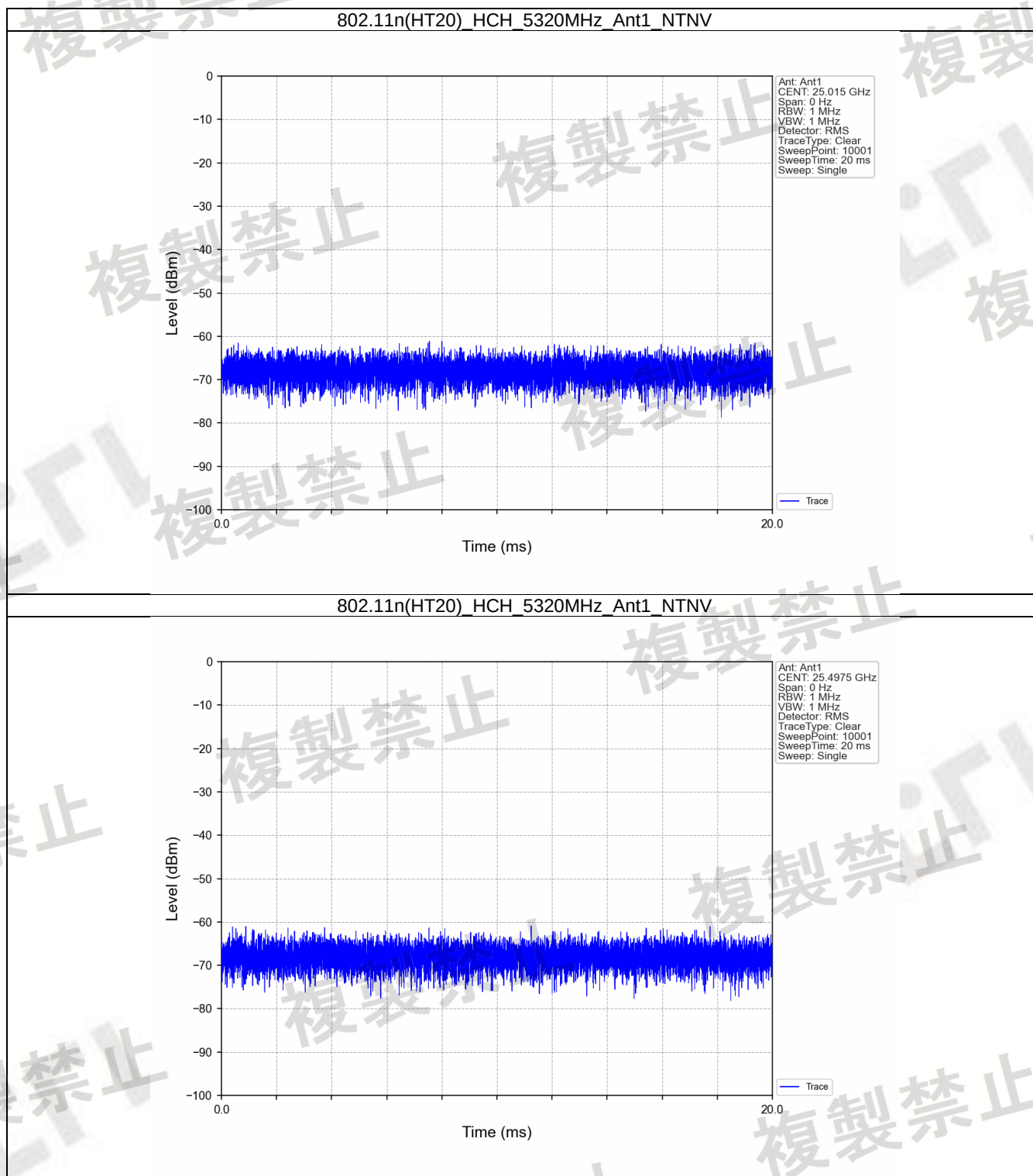
802.11n(HT20) HCH 5320MHz_Ant1_NTNV



MIC: 219-269221

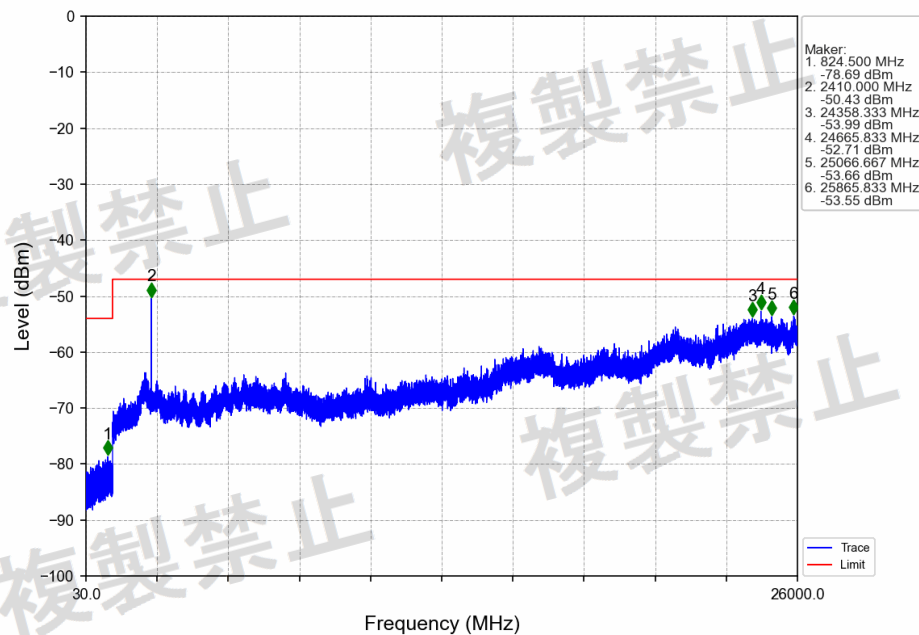


MIC: 219-269221

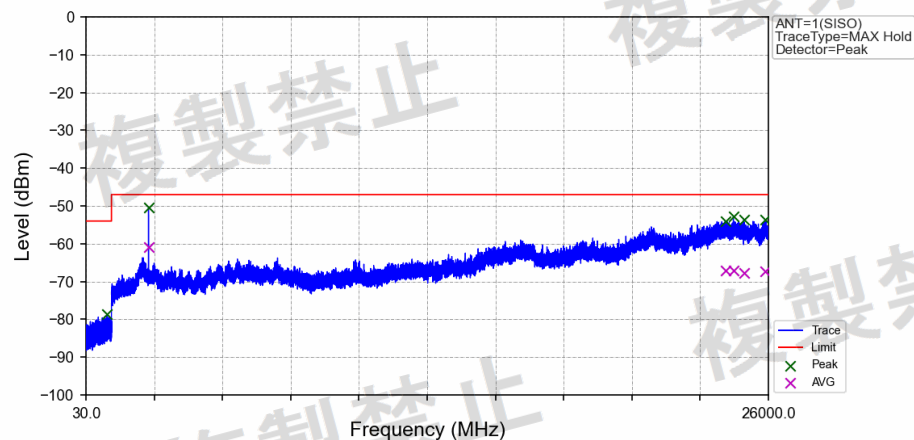


MIC: 219-269221

802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV

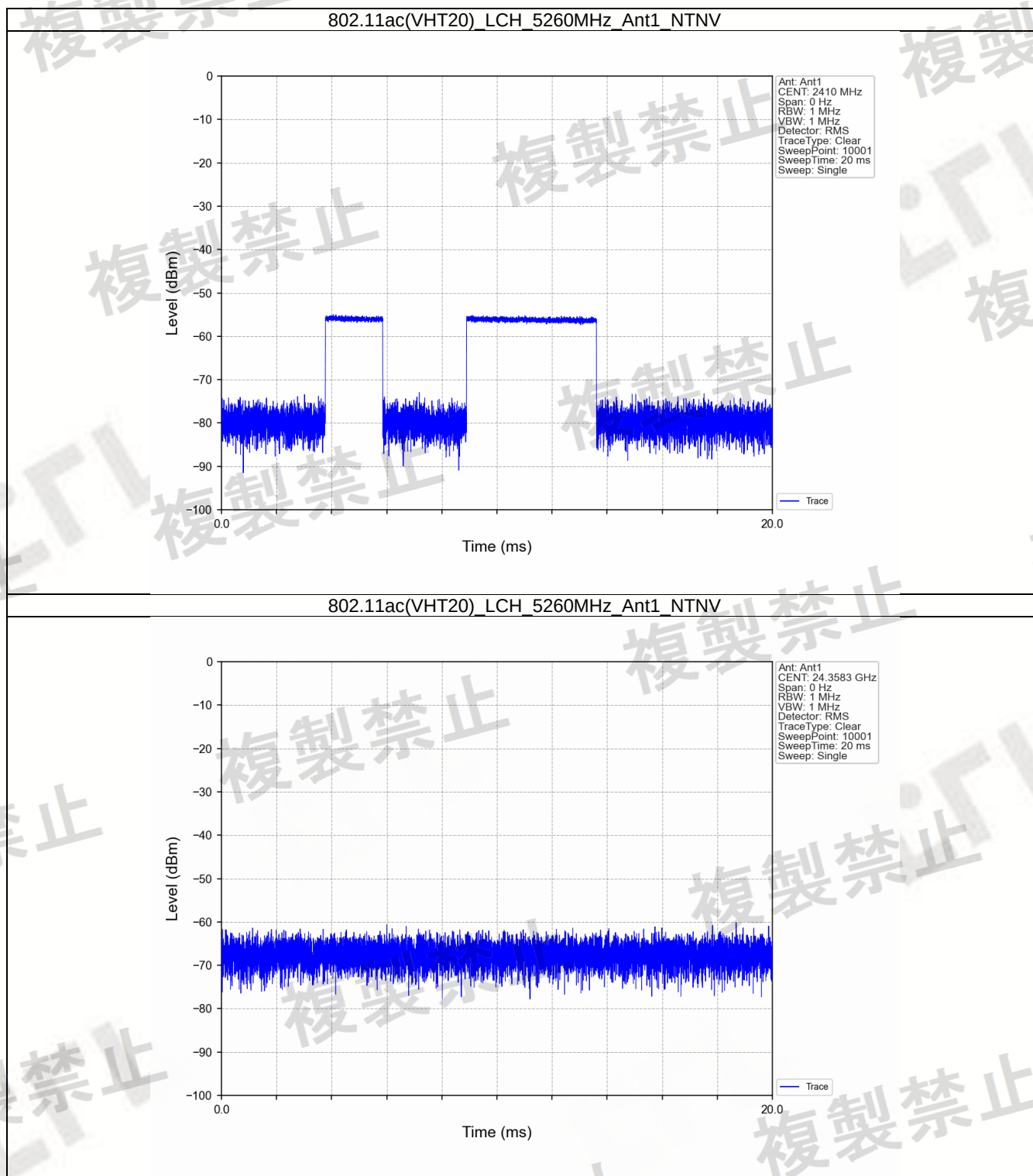


802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV

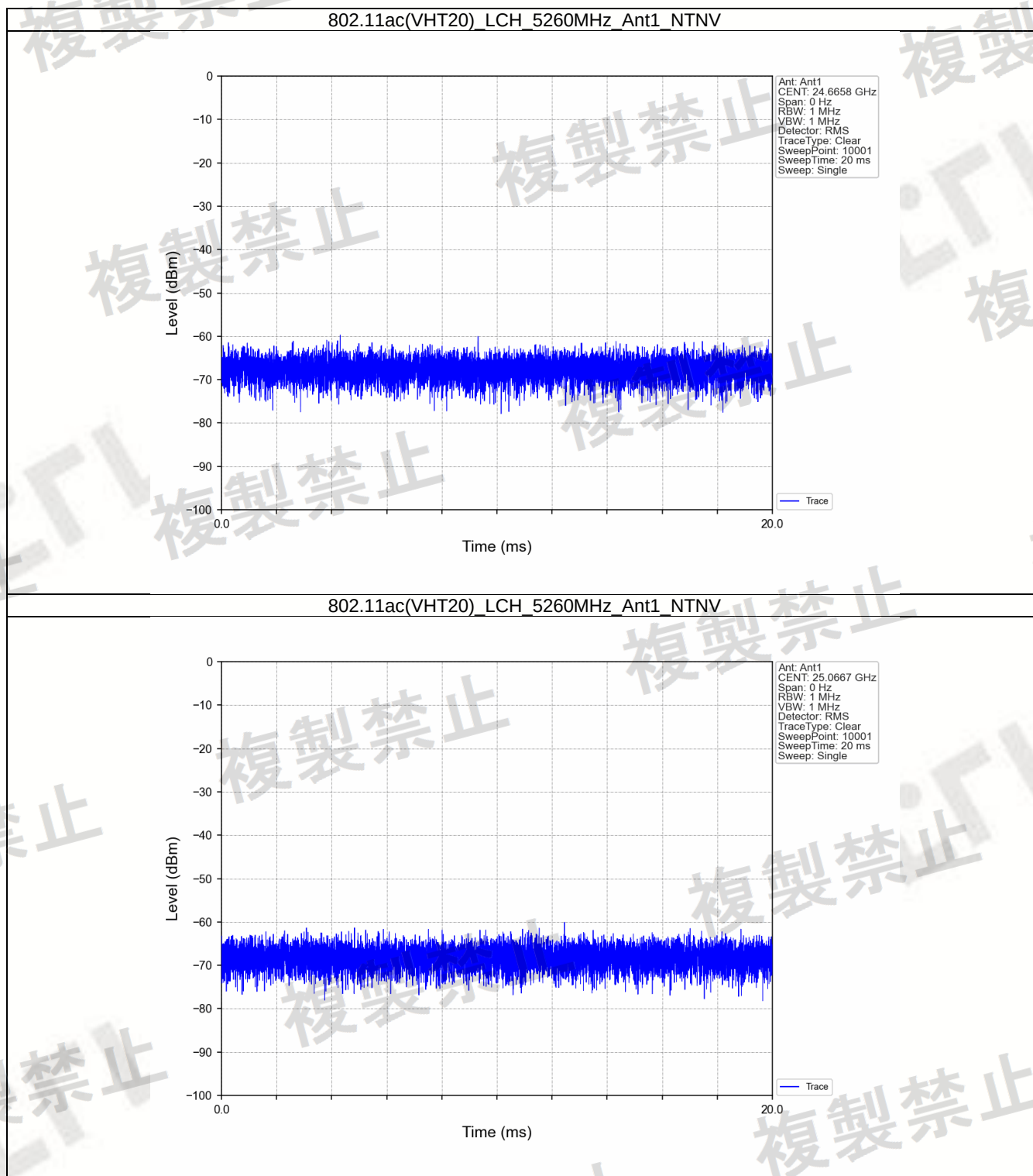


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	1000	0.1	0.1	824.500	-78.69	/	-54	Pass
1000	26000	1	1	2410.000	-50.43	-60.80	-47	Pass
1000	26000	1	1	24358.333	-53.99	-67.08	-47	Pass
1000	26000	1	1	24665.833	-52.71	-67.03	-47	Pass
1000	26000	1	1	25066.667	-53.66	-67.64	-47	Pass
1000	26000	1	1	25865.833	-53.55	-67.36	-47	Pass

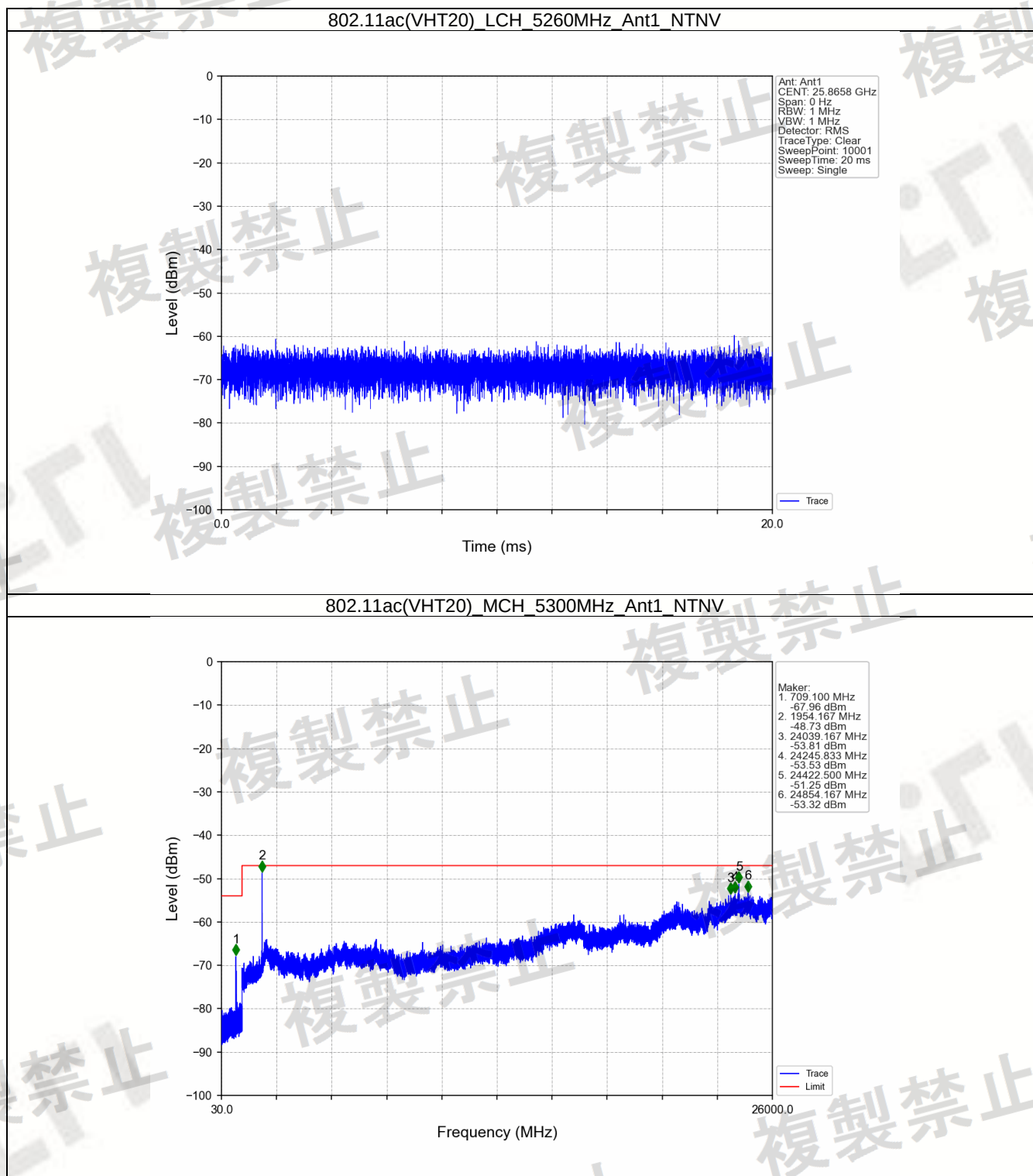
MIC: 219-269221



MIC: 219-269221

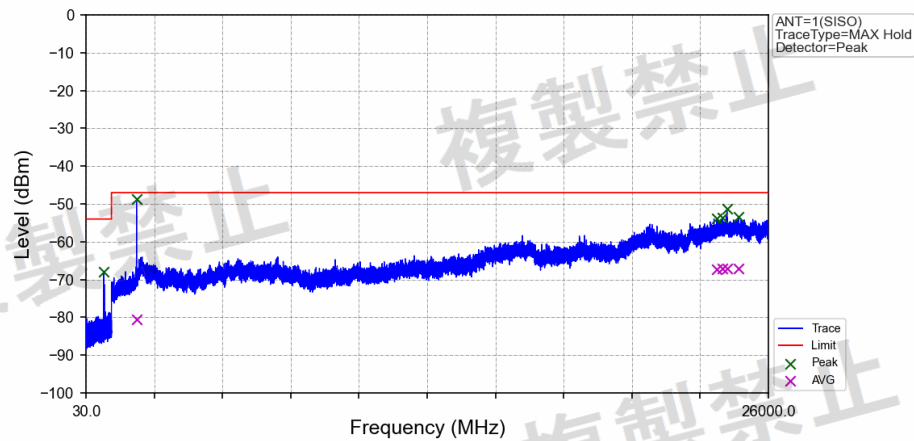


MIC: 219-269221



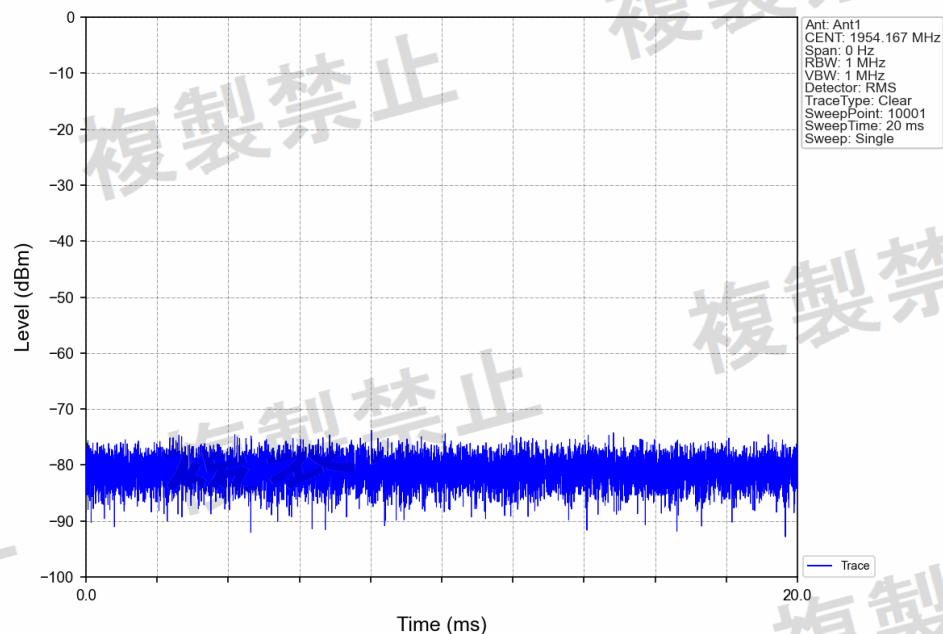
MIC: 219-269221

802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV

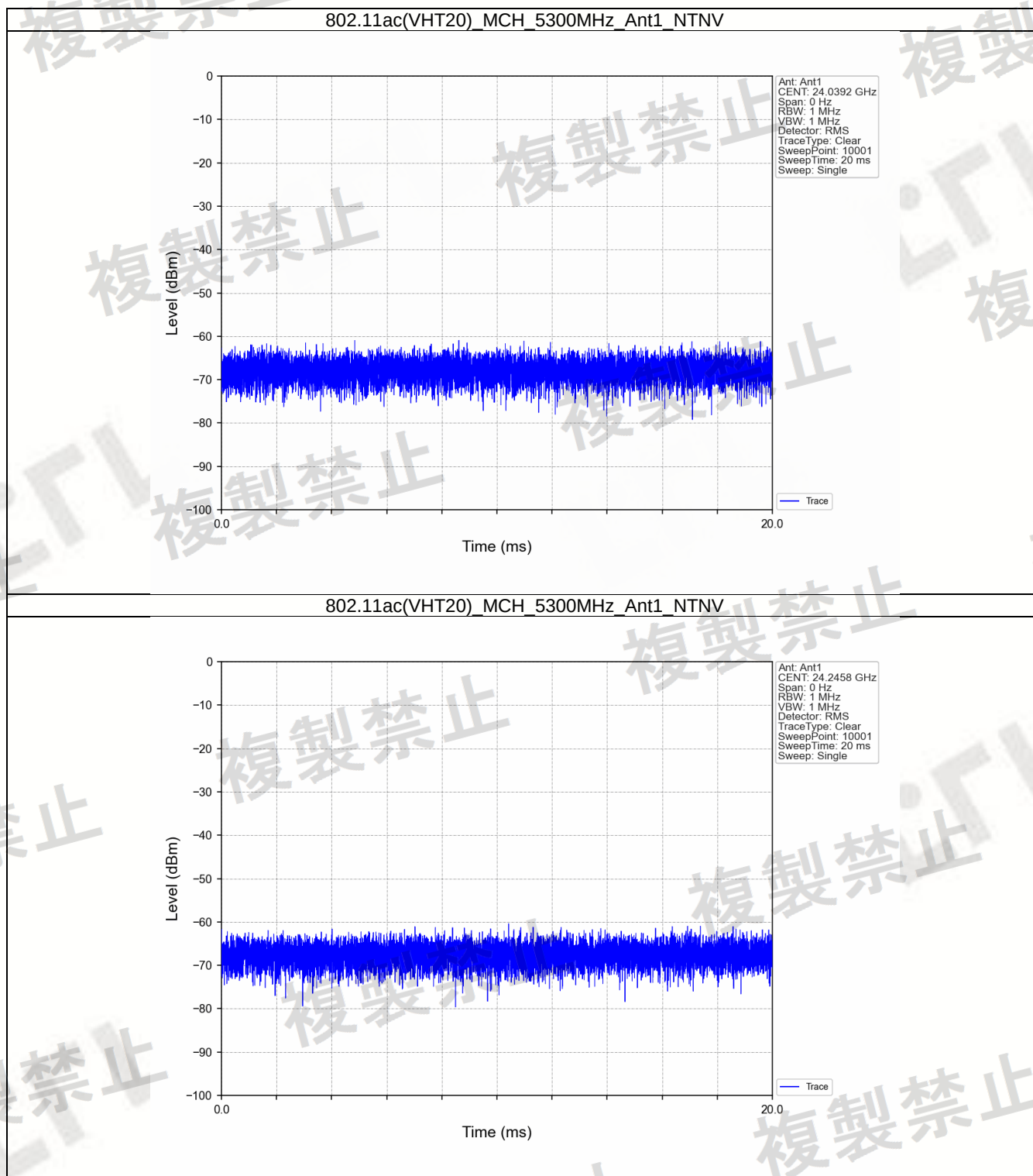


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	1000	0.1	0.1	709.100	-67.96	/	-54	Pass
1000	26000	1	1	1954.167	-48.73	-80.50	-47	Pass
1000	26000	1	1	24039.167	-53.81	-67.37	-47	Pass
1000	26000	1	1	24245.833	-53.53	-67.01	-47	Pass
1000	26000	1	1	24422.500	-51.25	-67.10	-47	Pass
1000	26000	1	1	24854.167	-53.32	-67.00	-47	Pass

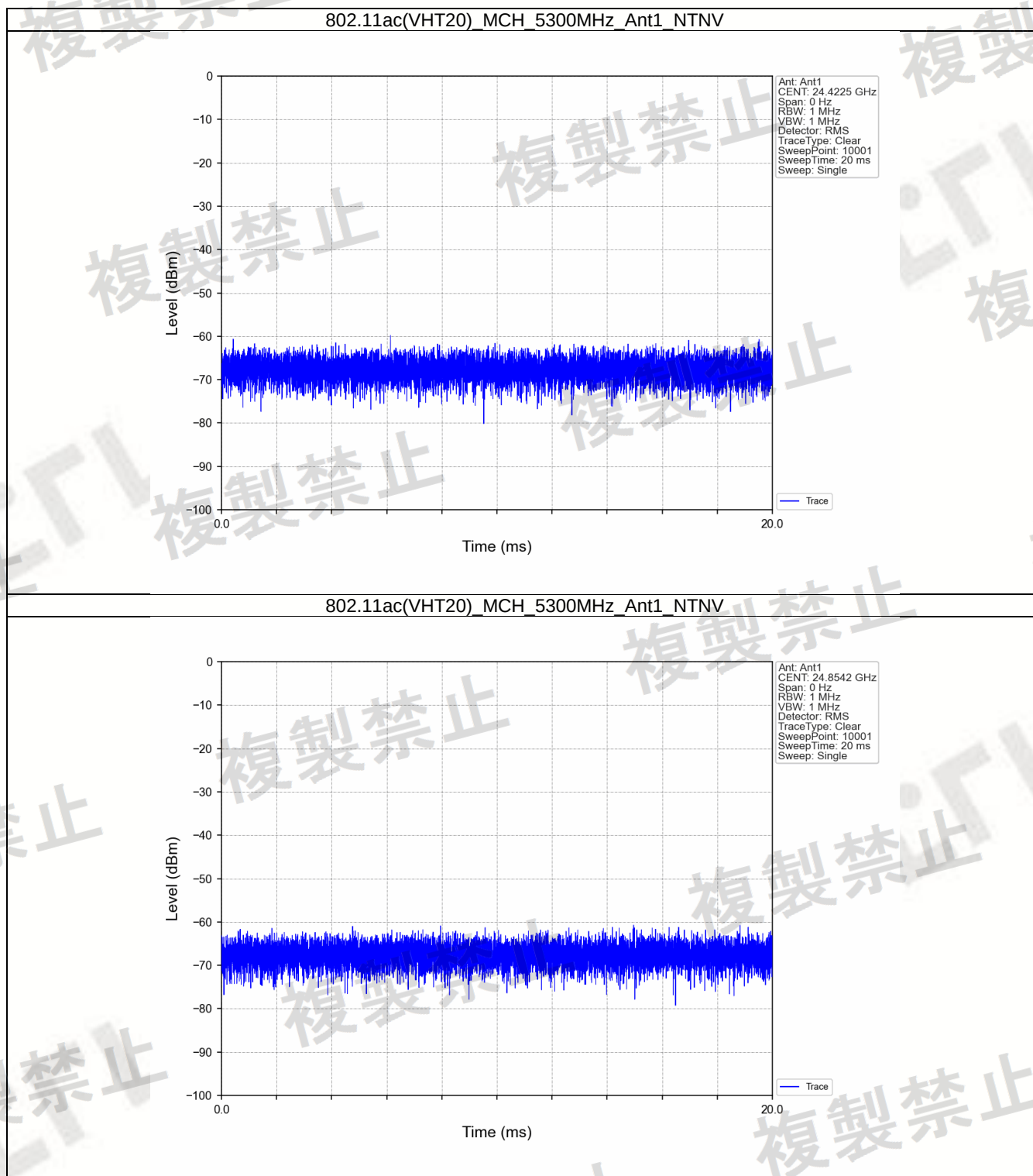
802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV



MIC: 219-269221

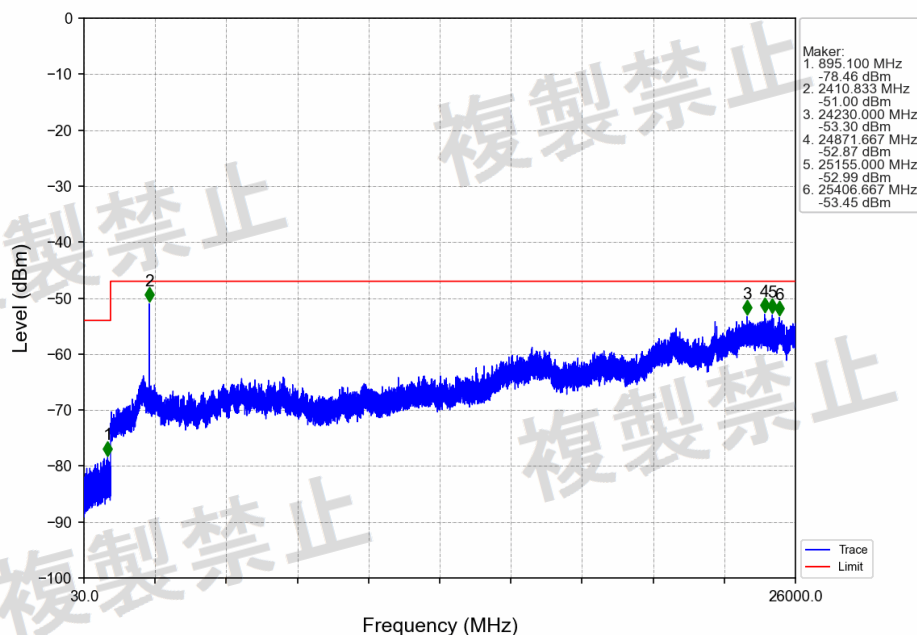


MIC: 219-269221

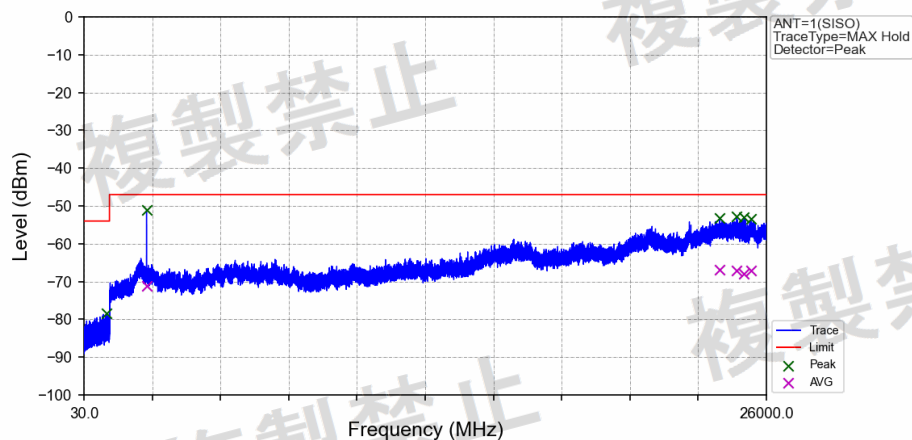


MIC: 219-269221

802.11ac(VHT20) HCH 5320MHz Ant1_NTNV

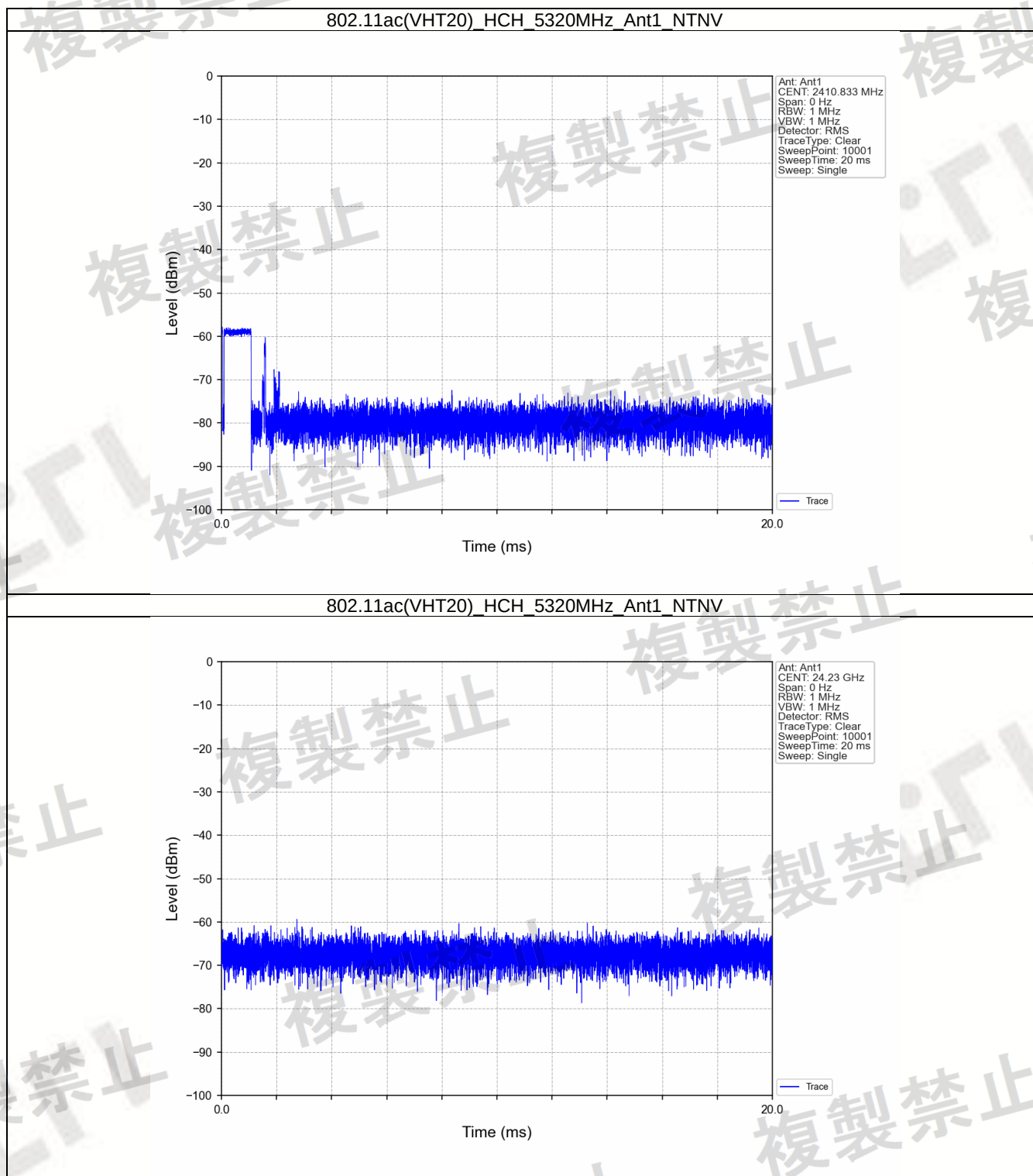


802.11ac(VHT20) HCH 5320MHz Ant1_NTNV

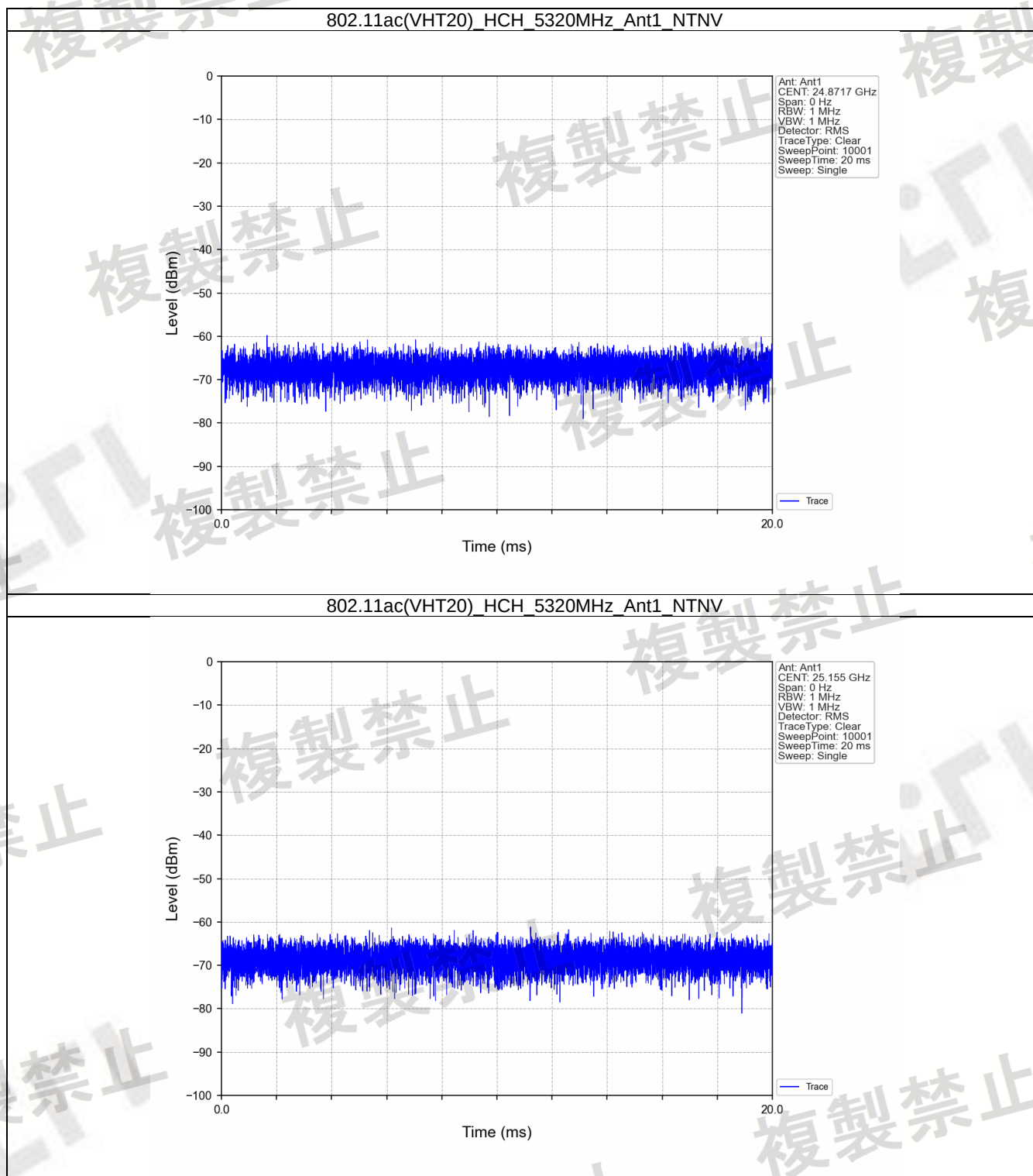


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	1000	0.1	0.1	895.100	-78.46	/	-54	Pass
1000	26000	1	1	2410.833	-51.00	-71.07	-47	Pass
1000	26000	1	1	24230.000	-53.30	-66.98	-47	Pass
1000	26000	1	1	24871.667	-52.87	-67.00	-47	Pass
1000	26000	1	1	25155.000	-52.99	-67.99	-47	Pass
1000	26000	1	1	25406.667	-53.45	-67.09	-47	Pass

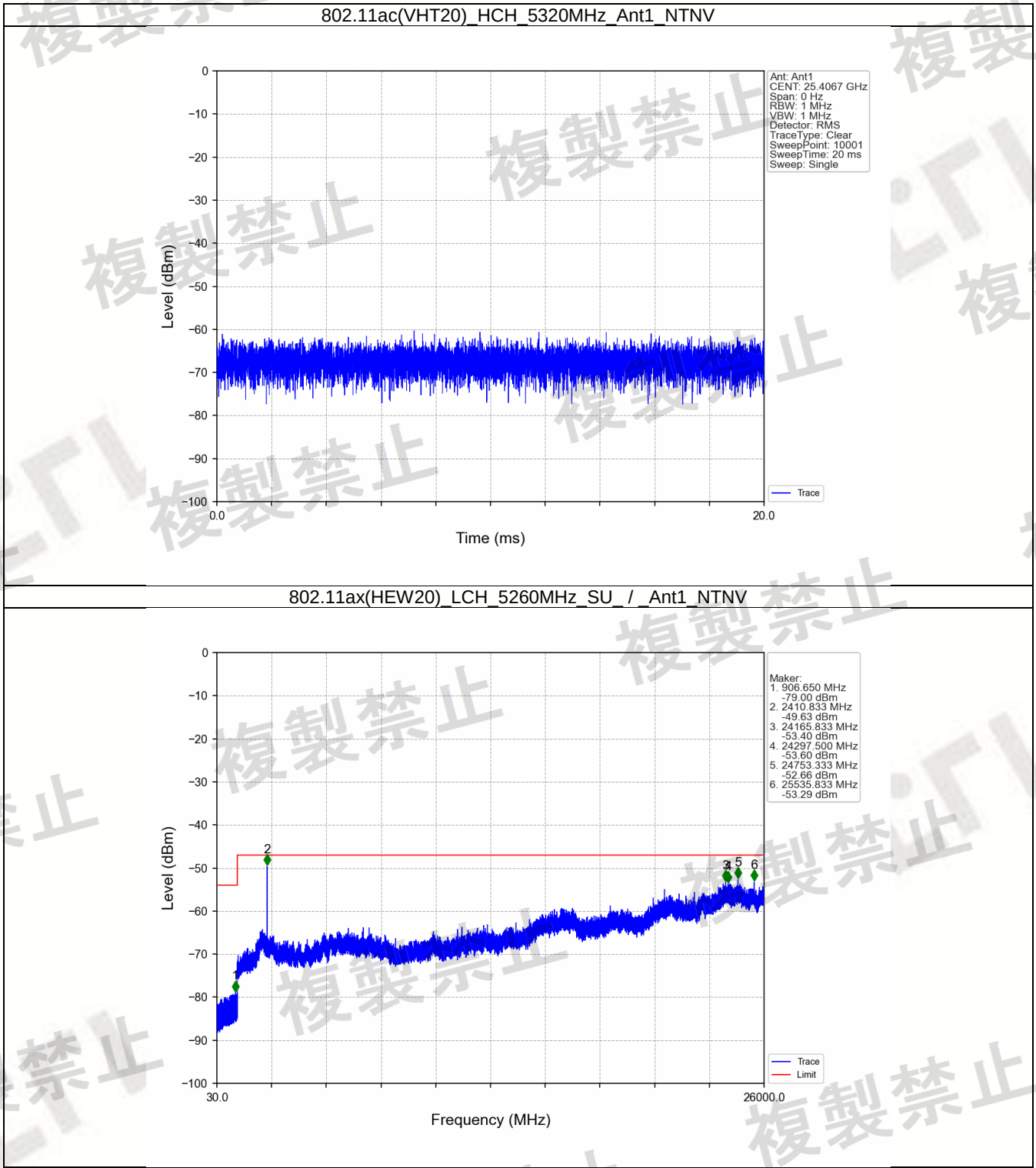
MIC: 219-269221



MIC: 219-269221

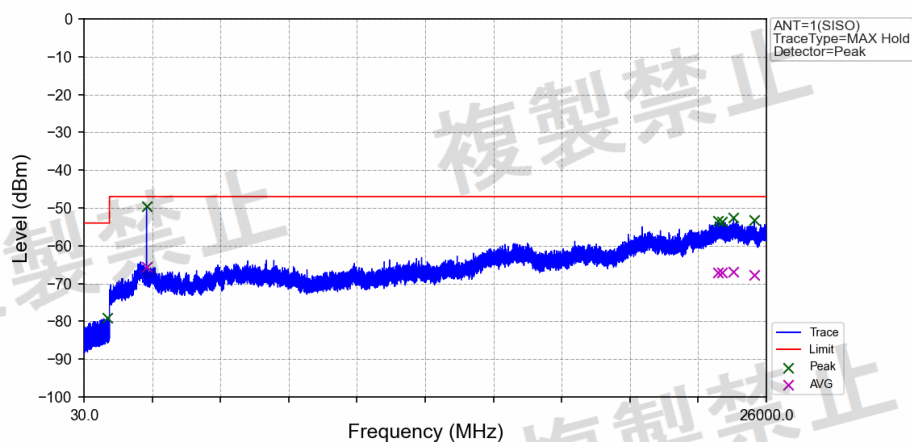


MIC: 219-269221



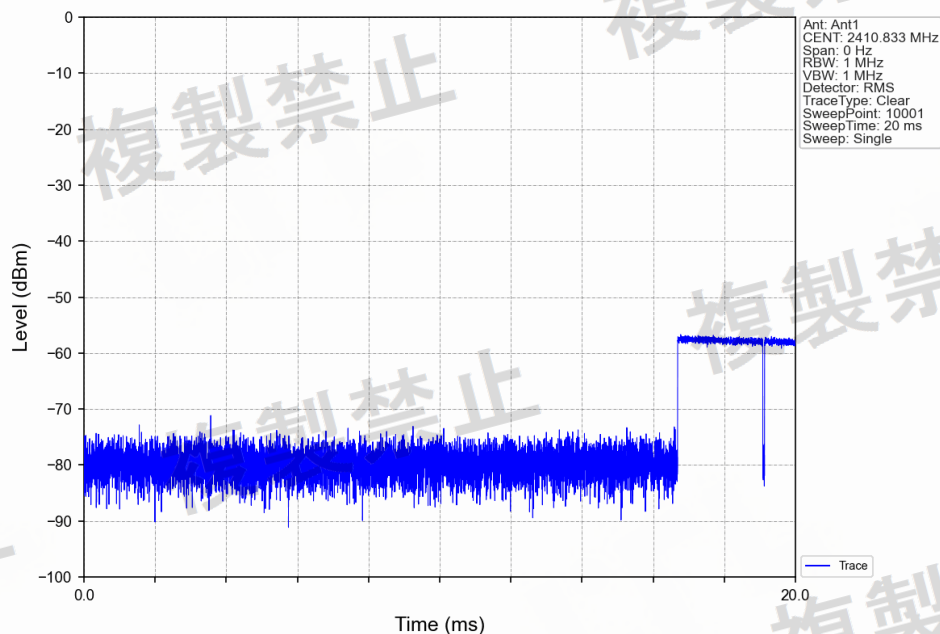
MIC: 219-269221

802.11ax(HEW20)_LCH_5260MHz_SU_/_Ant1_NTNV

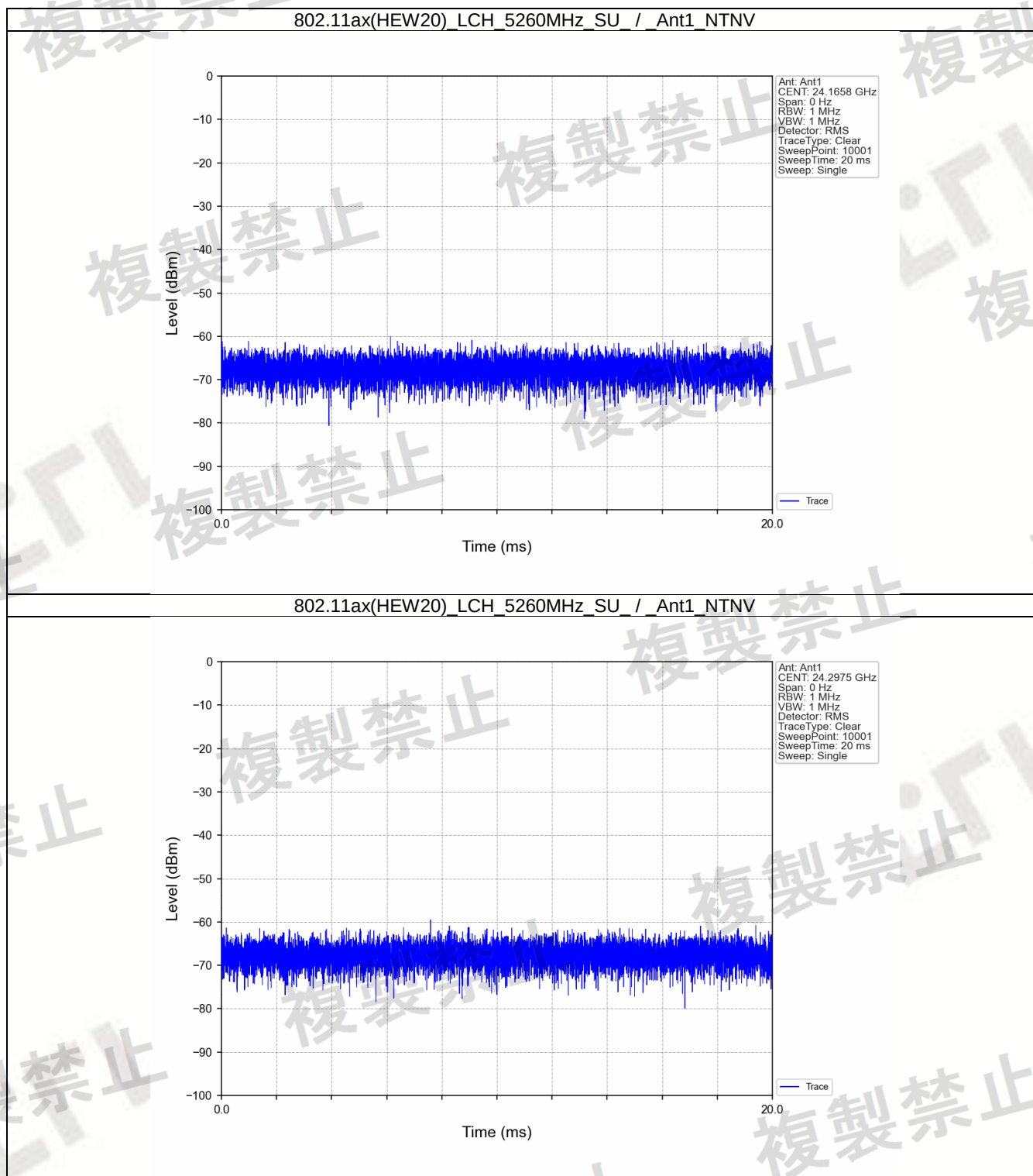


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	1000	0.1	0.1	906.650	-79.00	/	-54	Pass
1000	26000	1	1	2410.833	-49.63	-65.52	-47	Pass
1000	26000	1	1	24165.833	-53.40	-67.14	-47	Pass
1000	26000	1	1	24297.500	-53.60	-67.13	-47	Pass
1000	26000	1	1	24753.333	-52.66	-66.94	-47	Pass
1000	26000	1	1	25535.833	-53.29	-67.71	-47	Pass

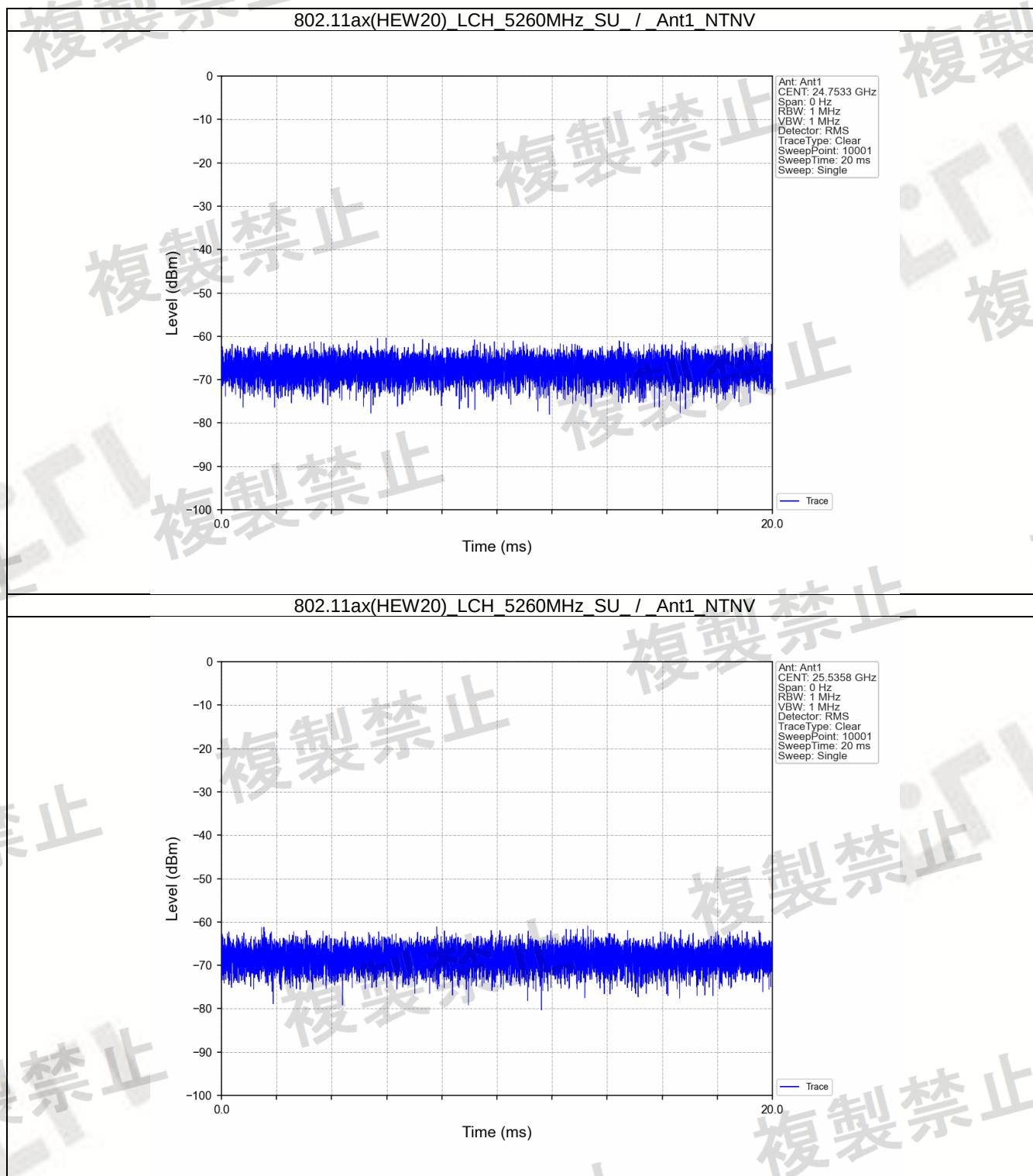
802.11ax(HEW20)_LCH_5260MHz_SU_/_Ant1_NTNV



MIC: 219-269221

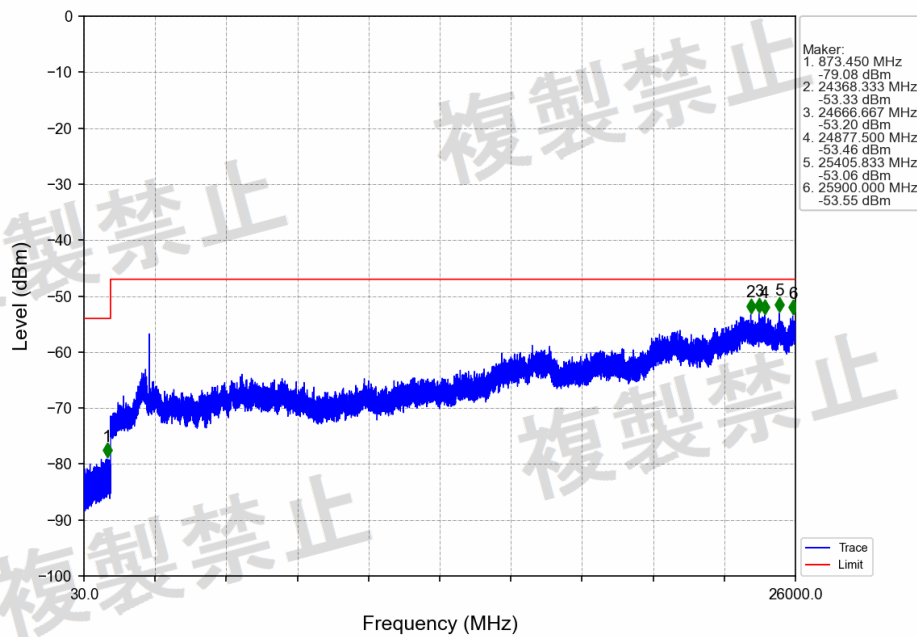


MIC: 219-269221

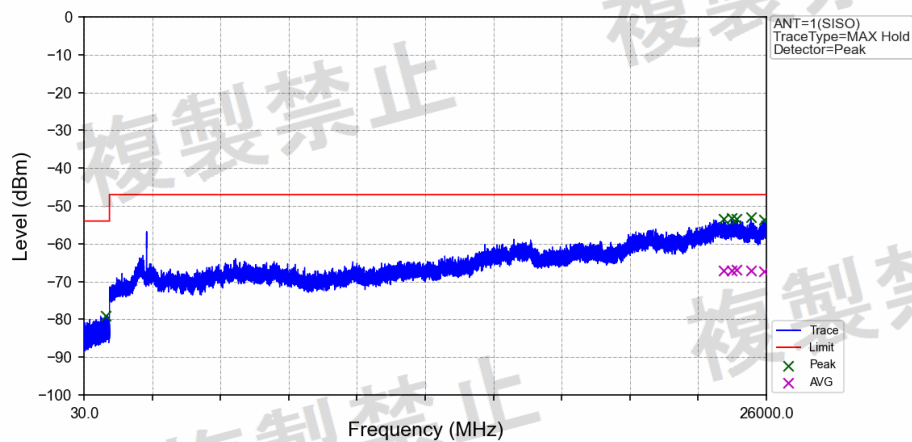


MIC: 219-269221

802.11ax(HEW20)_MCH_5300MHz_SU / Ant1_NTNV

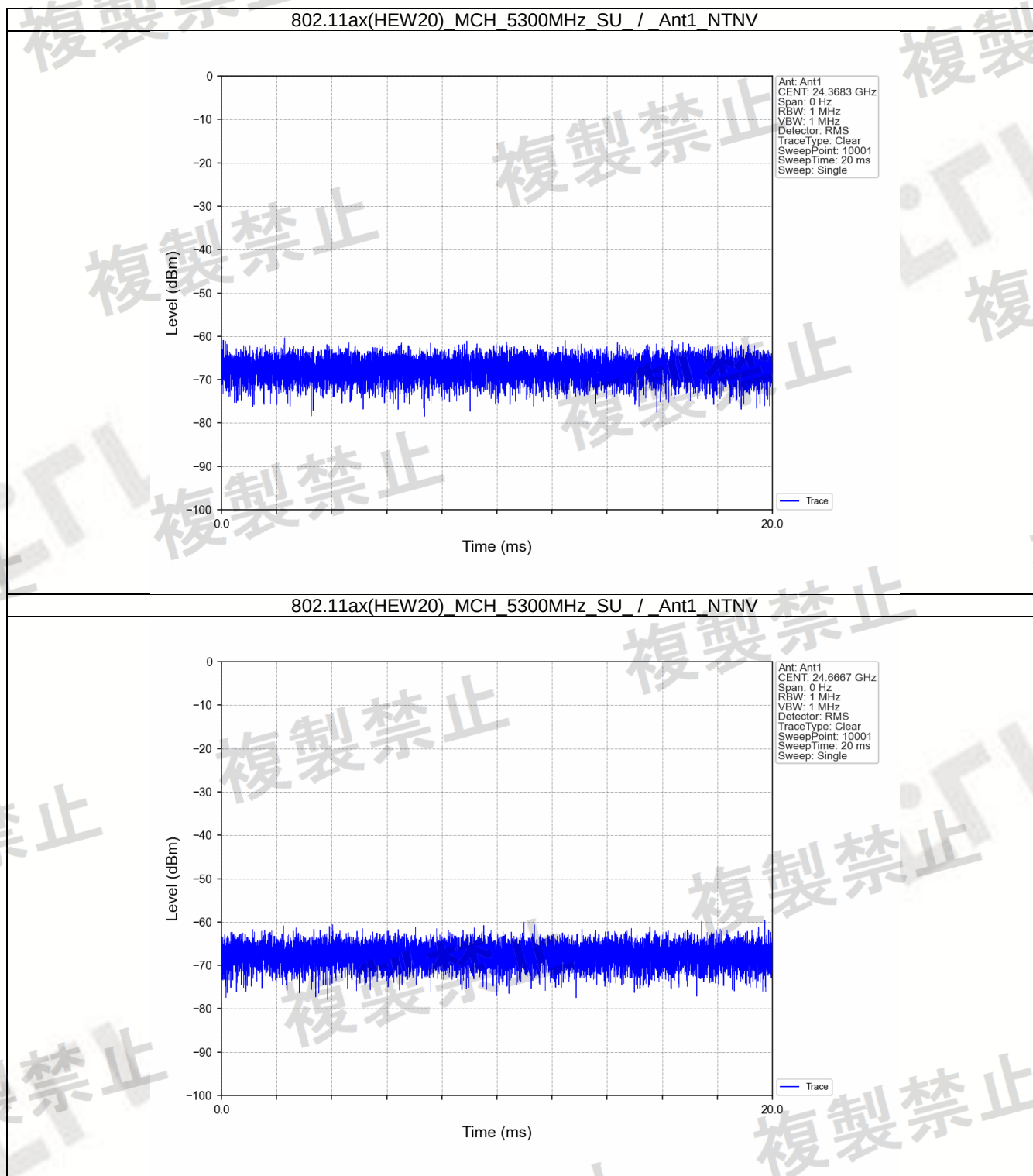


802.11ax(HEW20)_MCH_5300MHz_SU / Ant1_NTNV

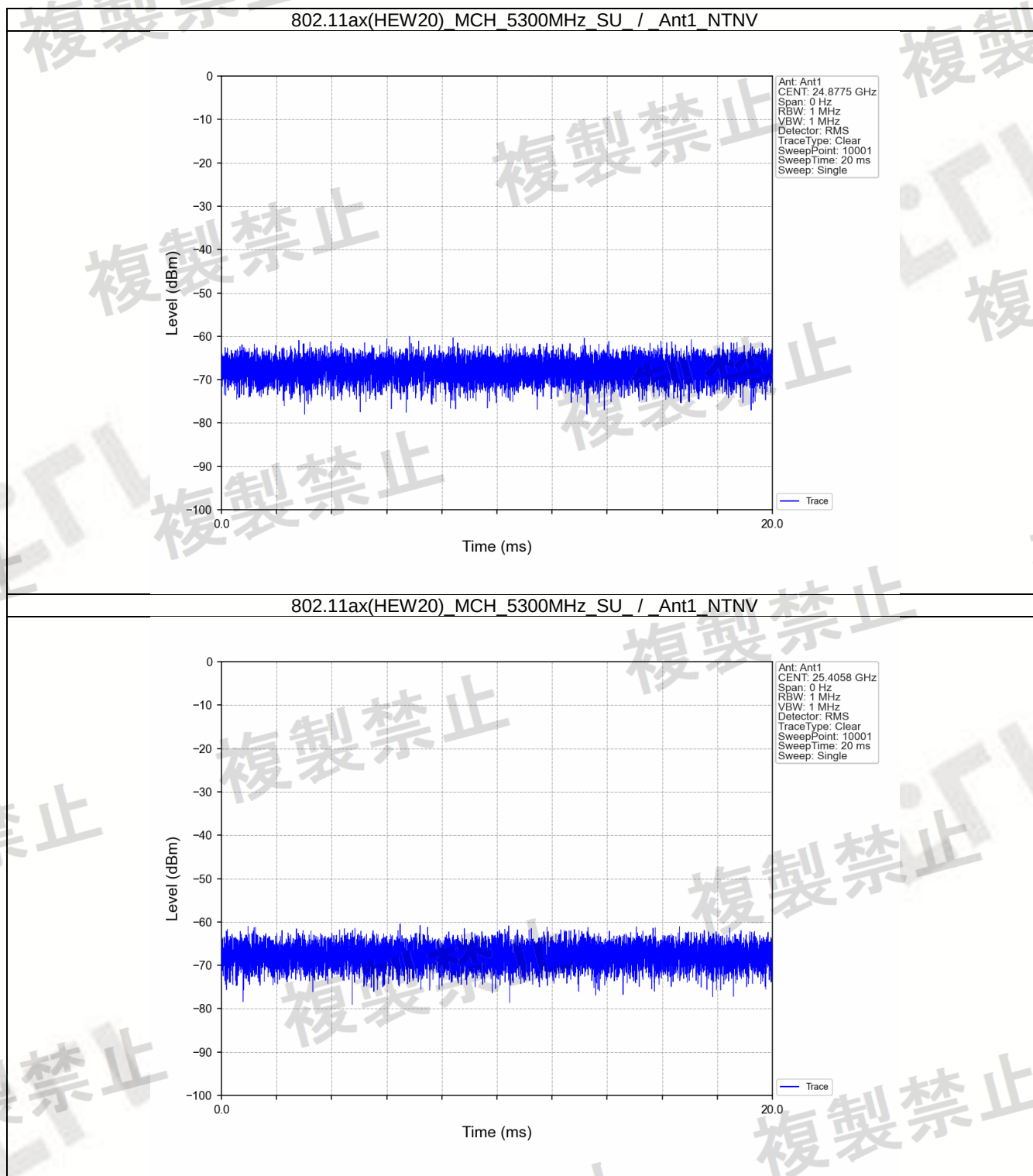


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	1000	0.1	0.1	873.450	-79.08	/	-54	Pass
1000	26000	1	1	24368.333	-53.33	-67.04	-47	Pass
1000	26000	1	1	24666.667	-53.20	-67.02	-47	Pass
1000	26000	1	1	24877.500	-53.46	-66.98	-47	Pass
1000	26000	1	1	25405.833	-53.06	-67.11	-47	Pass
1000	26000	1	1	25900.000	-53.55	-67.34	-47	Pass

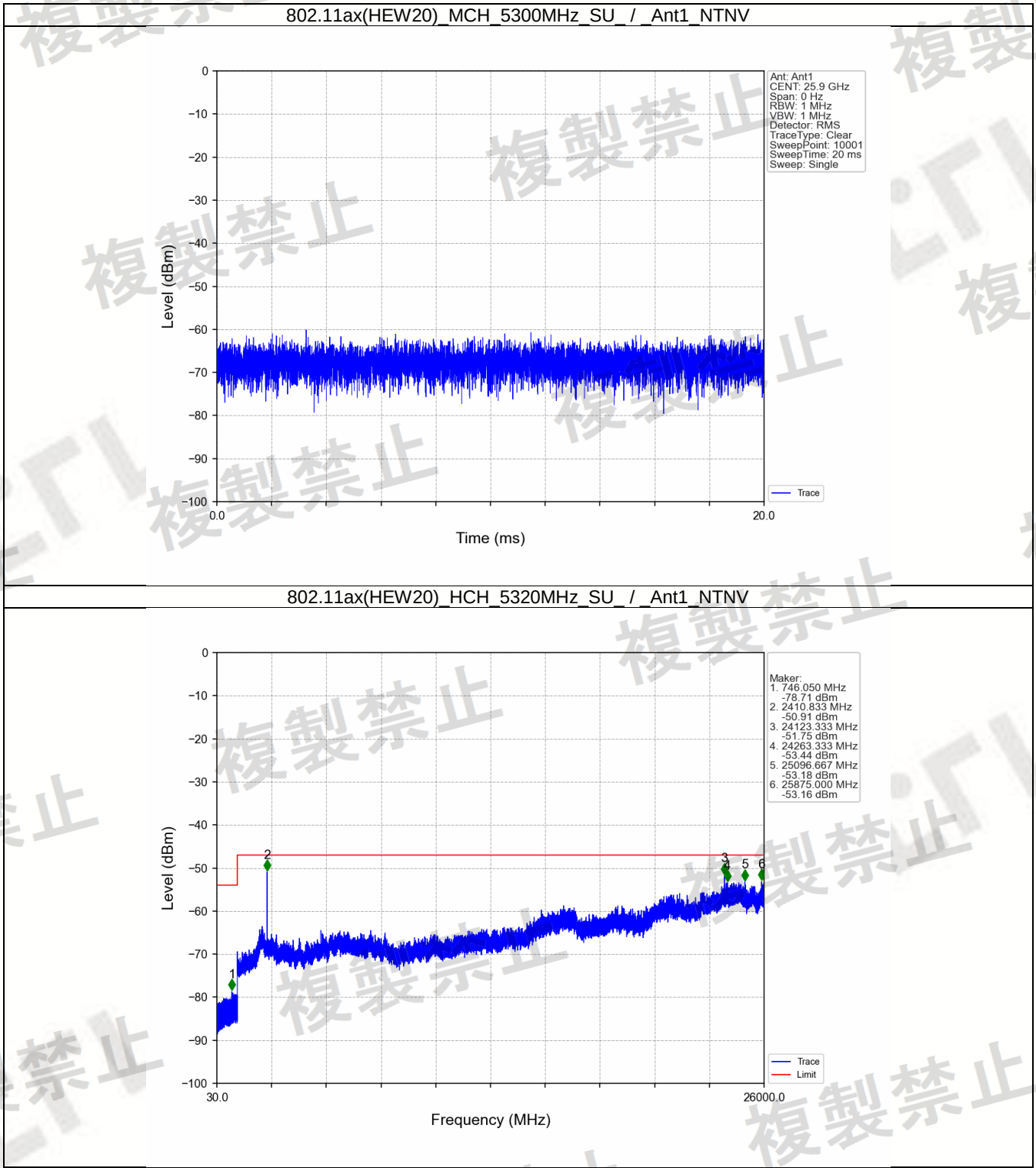
MIC: 219-269221



MIC: 219-269221

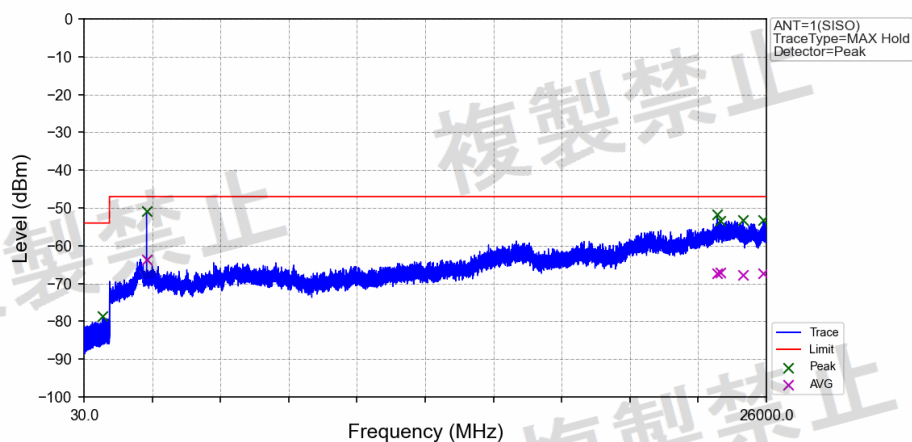


MIC: 219-269221



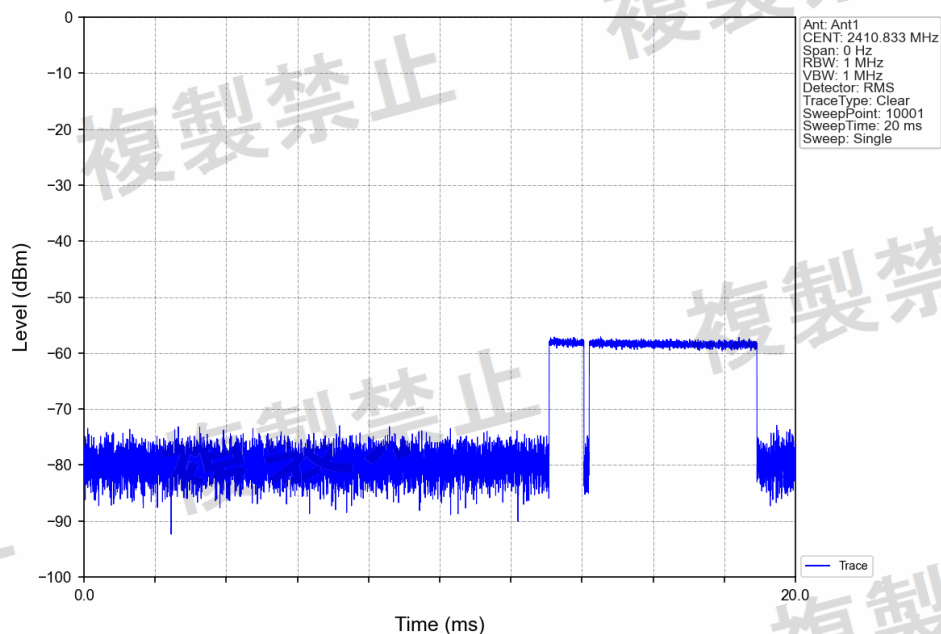
MIC: 219-269221

802.11ax(HEW20)_HCH_5320MHz_SU_ / Ant1_NTNV

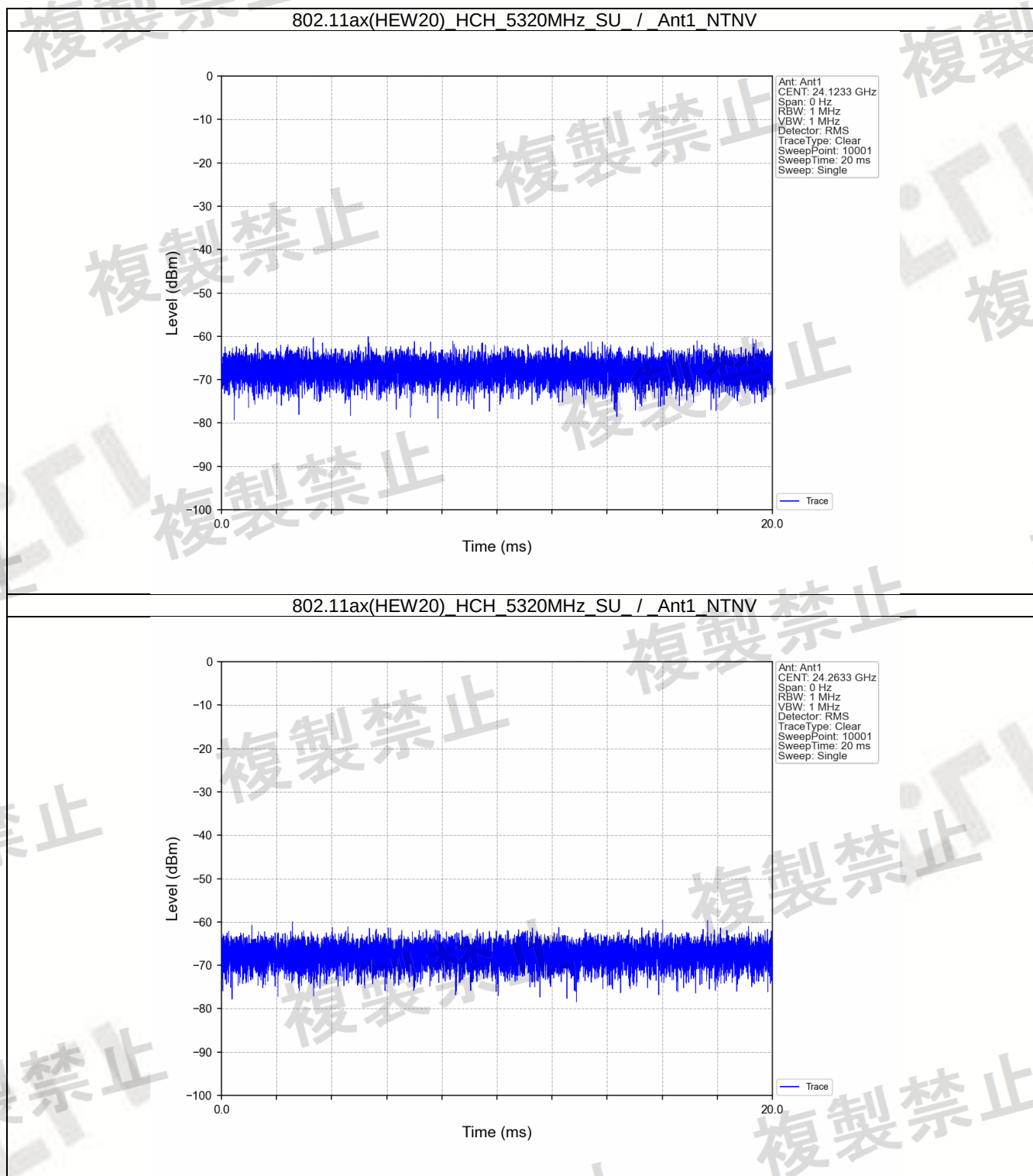


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	1000	0.1	0.1	746.050	-78.71	/	-54	Pass
1000	26000	1	1	2410.833	-50.91	-63.71	-47	Pass
1000	26000	1	1	24123.333	-51.75	-67.22	-47	Pass
1000	26000	1	1	24263.333	-53.44	-67.02	-47	Pass
1000	26000	1	1	25096.667	-53.18	-67.69	-47	Pass
1000	26000	1	1	25875.000	-53.16	-67.31	-47	Pass

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MIC: 219-269221



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