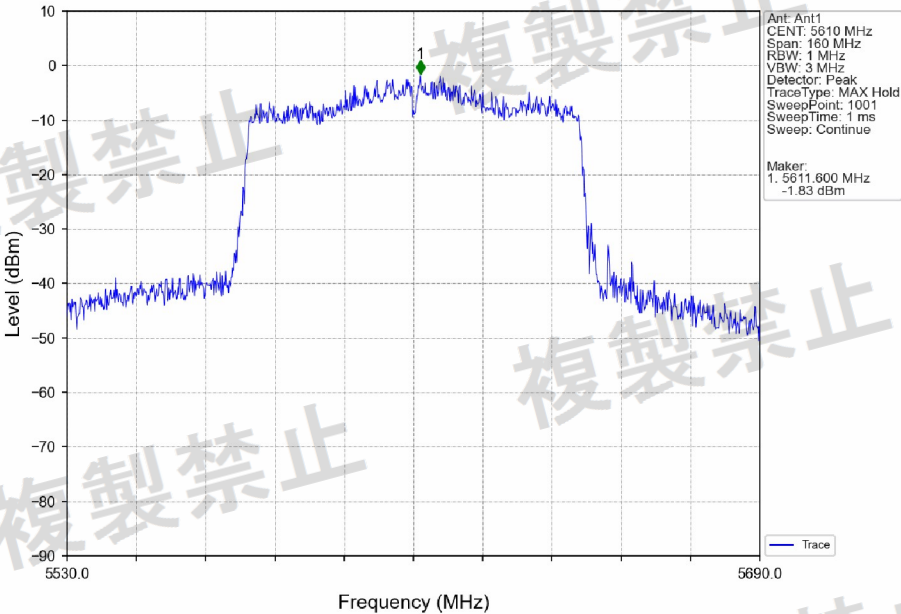
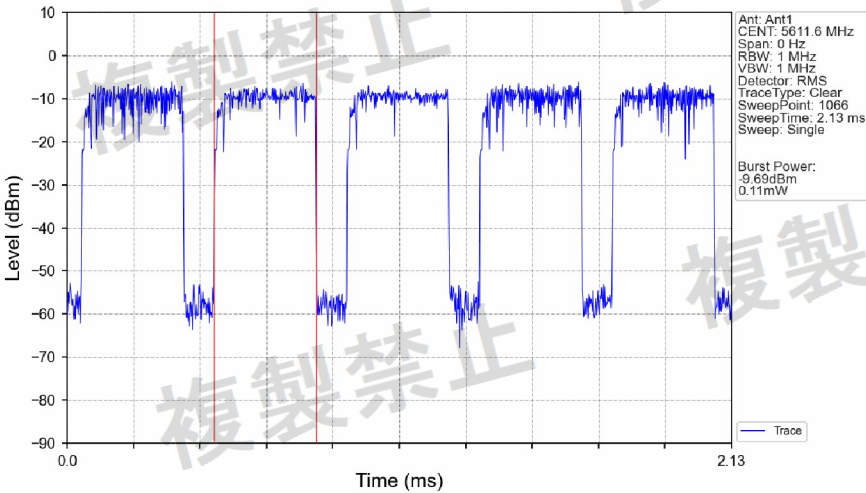


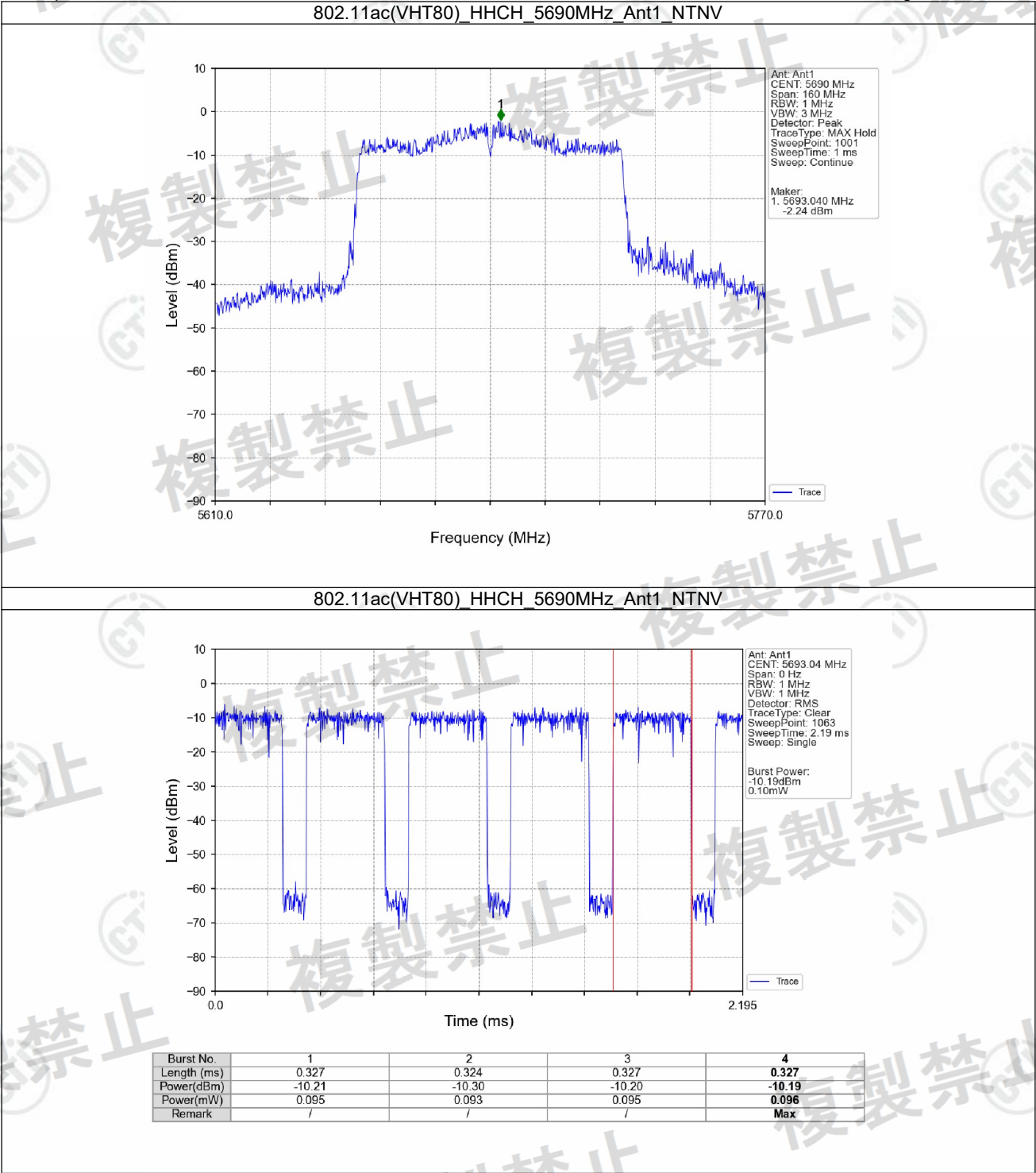
802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV



802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV



Burst No	1	2	3	4	5
Length (ms)	0.326	0.326	0.326	0.326	0.328
Power(dBm)	-9.86	-9.69	-9.82	-9.69	-9.79
Power(mW)	0.103	0.107	0.104	0.107	0.105
Remark	/	Max	/	/	/



4. Adjacent Channel Leakage Power

4.1 Test Result

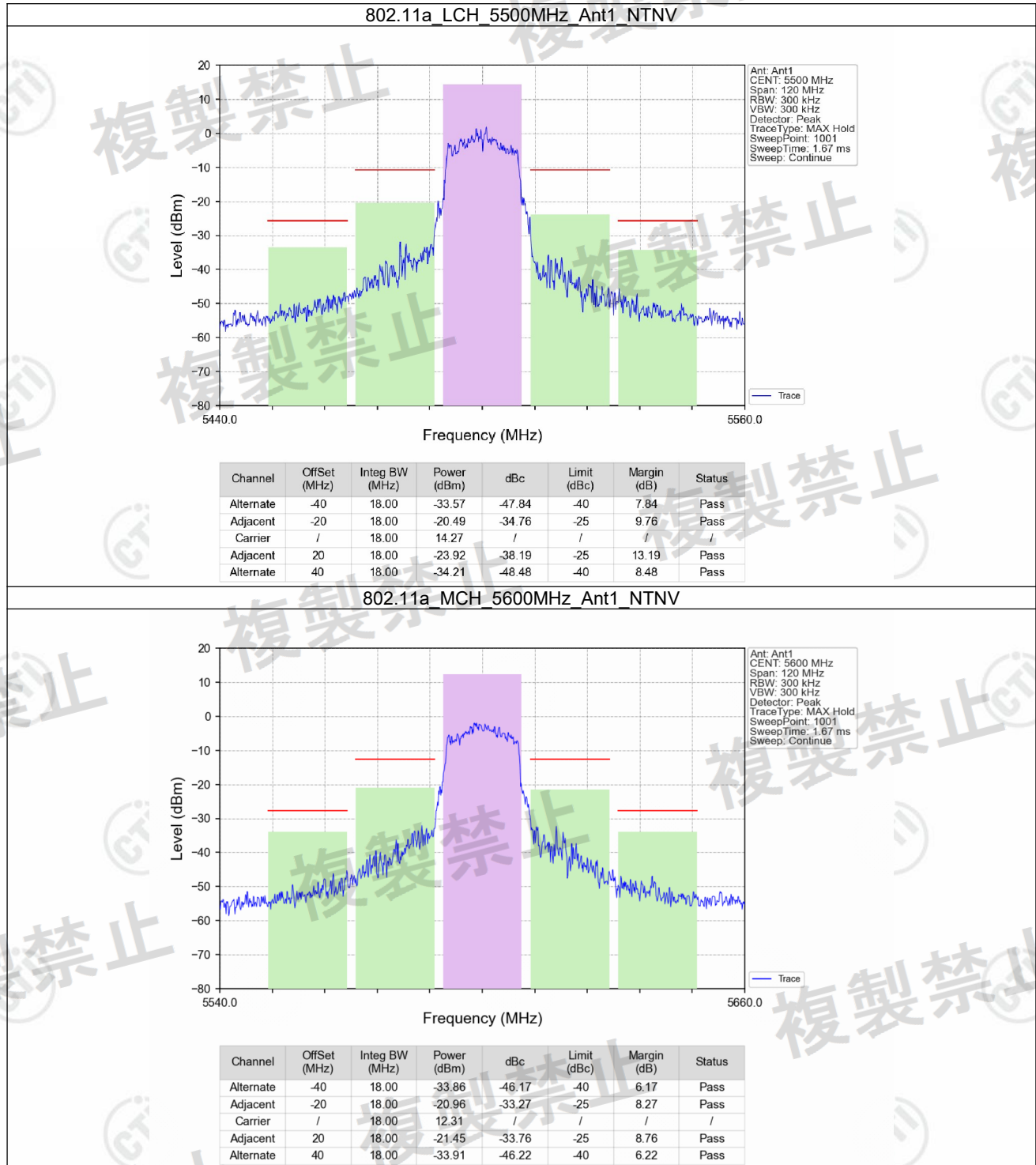
4.1.1 ACLR_NTNV_SISO

Mode	TX Type	Frequency (MHz)	ANT	NTNV					
				Offset (MHz)	Integ BW (MHz)	Power (dBm)	Result (dBc)	Limit (dBc)	Verdict
802.11a	SISO	5500	1	-40	18	-33.57	-47.84	<=-40	Pass
				-20	18	-20.49	-34.76	<=-25	Pass
				0	18	14.27	/	/	/
				20	18	-23.92	-38.19	<=-25	Pass
		5600	1	40	18	-34.21	-48.48	<=-40	Pass
				-40	18	-33.86	-46.17	<=-40	Pass
				-20	18	-20.96	-33.27	<=-25	Pass
				0	18	12.31	/	/	/
		5700	1	20	18	-21.45	-33.76	<=-25	Pass
				40	18	-33.91	-46.22	<=-40	Pass
				-40	18	-29.22	-41.46	<=-40	Pass
				-20	18	-17.73	-29.97	<=-25	Pass
		5720	1	0	18	12.24	/	/	/
				20	18	-18.98	-31.22	<=-25	Pass
				40	18	-30.25	-42.49	<=-40	Pass
				-40	18	-29.07	-41.75	<=-40	Pass
802.11n (HT20)	SISO	5500	1	-20	18	-29.07	-41.75	<=-40	Pass
				0	18	-18.30	-30.98	<=-25	Pass
				20	18	12.68	/	/	/
				40	18	-19.11	-31.79	<=-25	Pass
		5600	1	-40	18	-29.82	-42.50	<=-40	Pass
				-20	18	-35.08	-47.82	<=-40	Pass
				0	18	-25.22	-37.96	<=-25	Pass
				20	18	12.74	/	/	/
		5700	1	40	18	-26.85	-39.59	<=-25	Pass
				-40	18	-35.80	-48.54	<=-40	Pass
				-20	18	-35.88	-47.47	<=-40	Pass
				0	18	-25.60	-37.19	<=-25	Pass
		5720	1	20	18	11.59	/	/	/
				40	18	-27.05	-38.64	<=-25	Pass
				-40	18	-36.16	-47.75	<=-40	Pass
				-20	18	-35.56	-46.41	<=-40	Pass
802.11ac (VHT20)	SISO	5500	1	-40	18	-25.40	-36.25	<=-25	Pass
				0	18	10.85	/	/	/
				20	18	-24.53	-35.38	<=-25	Pass
				40	18	-36.59	-47.44	<=-40	Pass
		5720	1	-40	18	-35.18	-46.34	<=-40	Pass
				-20	18	-25.65	-36.81	<=-25	Pass
				0	18	11.16	/	/	/
				20	18	-22.81	-33.97	<=-25	Pass
		5500	1	40	18	-35.04	-46.20	<=-40	Pass
				-40	18	-35.22	-47.80	<=-40	Pass
				-20	18	-24.45	-37.03	<=-25	Pass
				0	18	12.58	/	/	/
		5500	1	20	18	-27.79	-40.37	<=-25	Pass
				40	18	-36.29	-48.87	<=-40	Pass

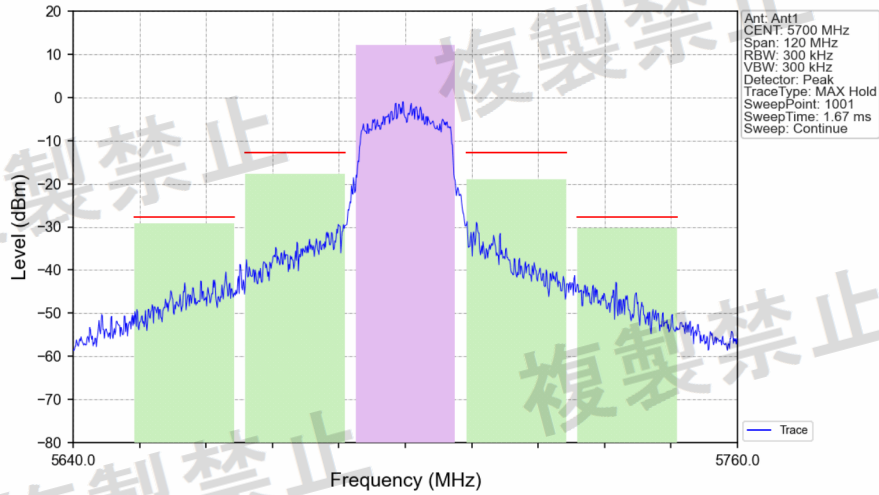
		5600	1	-40	18	-35.77	-47.55	<=-40	Pass
				-20	18	-25.84	-37.62	<=-25	Pass
				0	18	11.78	/	/	/
				20	18	-27.54	-39.32	<=-25	Pass
		5700	1	40	18	-36.38	-48.16	<=-40	Pass
				-40	18	-34.03	-44.85	<=-40	Pass
				-20	18	-24.48	-35.30	<=-25	Pass
				0	18	10.82	/	/	/
		5720	1	20	18	-23.33	-34.15	<=-25	Pass
				40	18	-34.80	-45.62	<=-40	Pass
				-40	18	-36.64	-47.72	<=-40	Pass
				-20	18	-25.10	-36.18	<=-25	Pass
802.11ac (VHT40)	SISO	5510	1	0	18	11.08	/	/	/
				20	18	-24.18	-35.26	<=-25	Pass
				40	18	-36.81	-47.89	<=-40	Pass
				-40	18	-36.64	-47.72	<=-40	Pass
		5590	1	-80	40	-35.96	-48.24	<=-40	Pass
				-40	40	-23.51	-35.79	<=-25	Pass
				0	40	12.28	/	/	/
				40	40	-26.82	-39.10	<=-25	Pass
		5670	1	80	40	-36.71	-48.99	<=-40	Pass
				-80	40	-33.58	-45.22	<=-40	Pass
				-40	40	-24.66	-36.30	<=-25	Pass
				0	40	11.64	/	/	/
		5710	1	40	40	-26.36	-38.00	<=-25	Pass
				80	40	-33.83	-45.47	<=-40	Pass
				-80	40	-32.66	-44.58	<=-40	Pass
				-40	40	-23.16	-35.08	<=-25	Pass
802.11ac (VHT80)	SISO	5530	1	0	40	11.92	/	/	/
				40	40	-21.57	-33.49	<=-25	Pass
				80	40	-32.98	-44.90	<=-40	Pass
				-80	40	-34.23	-45.22	<=-40	Pass
		5610	1	-40	40	-25.10	-36.09	<=-25	Pass
				0	40	10.99	/	/	/
				40	40	-21.47	-32.46	<=-25	Pass
				80	40	-34.45	-45.44	<=-40	Pass
		5690	1	-80	80	-22.31	-34.40	<=-25	Pass
				0	80	12.09	/	/	/
				80	80	-25.56	-37.65	<=-25	Pass
				-80	80	-24.04	-34.98	<=-25	Pass
				0	80	10.94	/	/	/
				80	80	-26.26	-37.20	<=-25	Pass
				-80	80	-24.51	-35.37	<=-25	Pass
				0	80	10.86	/	/	/
				80	80	-21.23	-32.09	<=-25	Pass

1.2 Test Graph

1.2.1 ACLR_NTNV_SISO

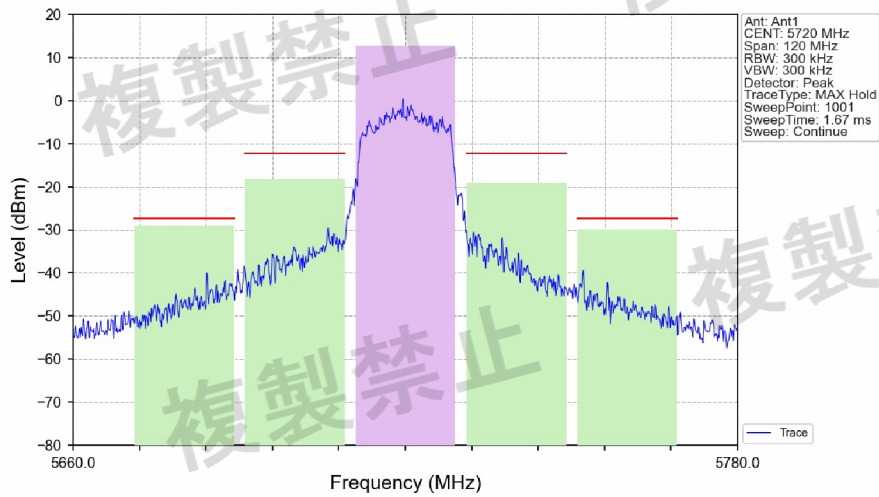


802.11a_HCH_5700MHz_Ant1_NTNV



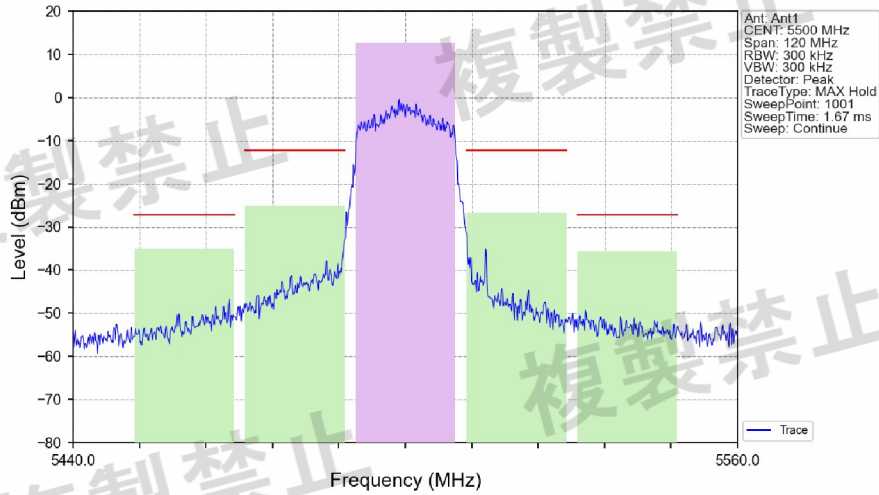
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Alternate	-40	18.00	-29.22	-41.46	-40	1.46	Pass
Adjacent	-20	18.00	-17.73	-29.97	-25	4.97	Pass
Carrier	/	18.00	12.24	/	/	/	/
Adjacent	20	18.00	-18.98	-31.22	-25	6.22	Pass
Alternate	40	18.00	-30.25	-42.49	-40	2.49	Pass

802.11a_HHCH_5720MHz_Ant1_NTNV



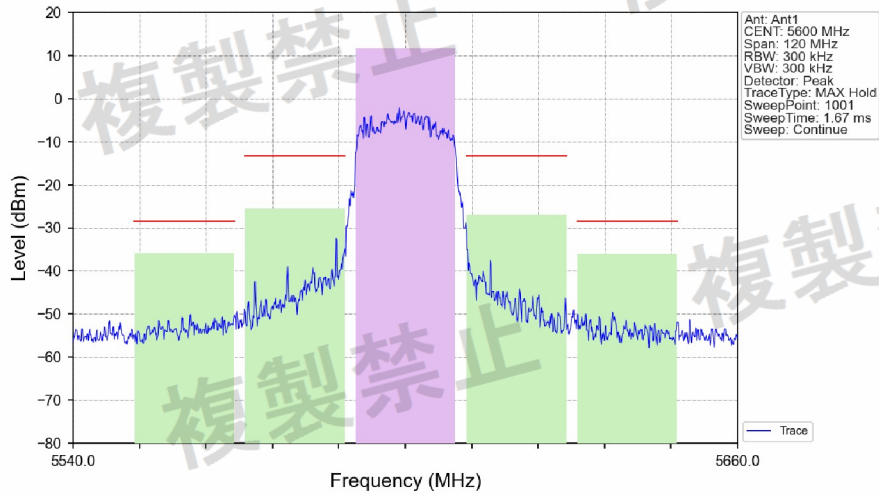
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Alternate	-40	18.00	-29.07	-41.75	-40	1.75	Pass
Adjacent	-20	18.00	-18.30	-30.98	-25	5.98	Pass
Carrier	/	18.00	12.68	/	/	/	/
Adjacent	20	18.00	-19.11	-31.79	-25	6.79	Pass
Alternate	40	18.00	-29.82	-42.50	-40	2.50	Pass

802.11n(HT20) LCH_5500MHz_Ant1_NTNV



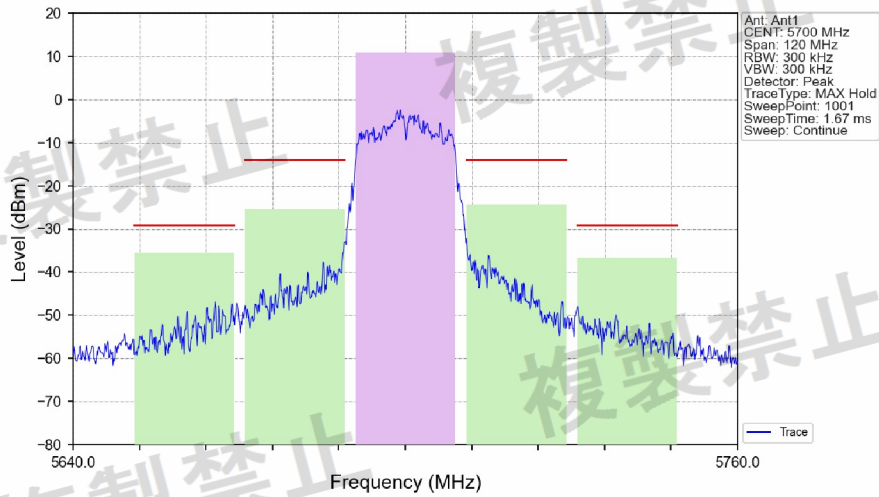
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Alternate	-40	18.00	-35.08	-47.82	-40	7.82	Pass
Adjacent	-20	18.00	-25.22	-37.96	-25	12.96	Pass
Carrier	/	18.00	12.74	/	/	/	/
Adjacent	20	18.00	-26.85	-39.59	-25	14.59	Pass
Alternate	40	18.00	-35.80	-48.54	-40	8.54	Pass

802.11n(HT20) MCH_5600MHz_Ant1_NTNV



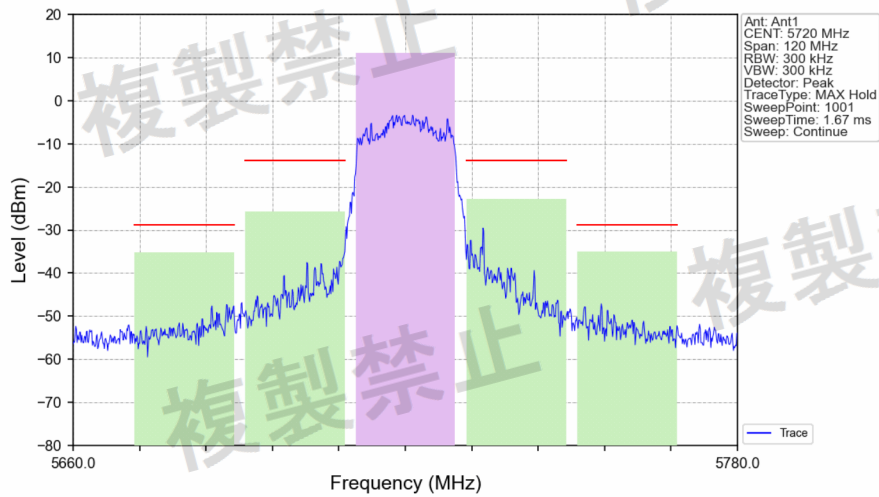
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Alternate	-40	18.00	-35.88	-47.47	-40	7.47	Pass
Adjacent	-20	18.00	-25.60	-37.19	-25	12.19	Pass
Carrier	/	18.00	11.59	/	/	/	/
Adjacent	20	18.00	-27.05	-38.64	-25	13.64	Pass
Alternate	40	18.00	-36.16	-47.75	-40	7.75	Pass

802.11n(HT20)_HCH_5700MHz_Ant1_NTNV



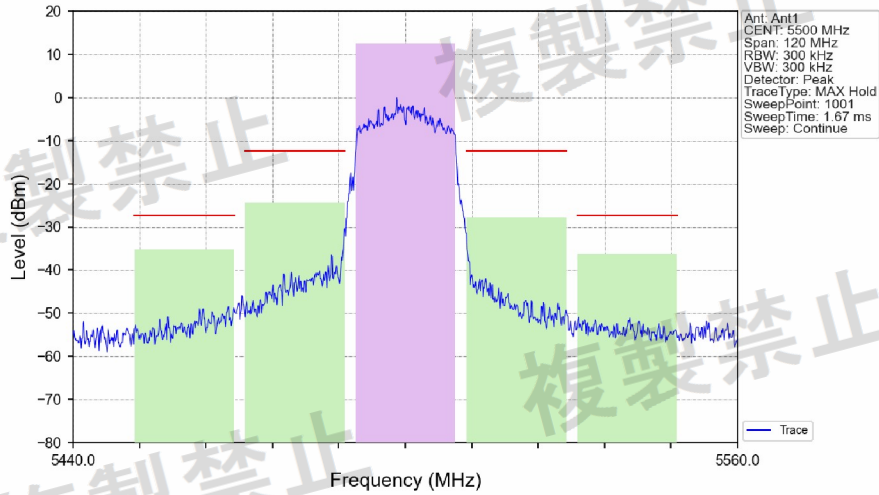
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Alternate	-40	18.00	-35.56	-46.41	-40	6.41	Pass
Adjacent	-20	18.00	-25.40	-36.25	-25	11.25	Pass
Carrier	/	18.00	10.85	/	/	/	/
Adjacent	20	18.00	-24.53	-35.38	-25	10.38	Pass
Alternate	40	18.00	-36.59	-47.44	-40	7.44	Pass

802.11n(HT20)_HHCH_5720MHz_Ant1_NTNV



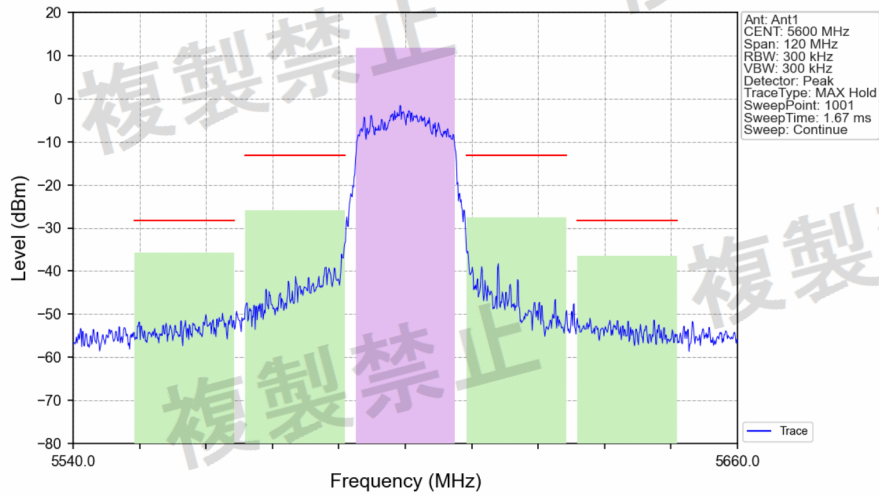
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Alternate	-40	18.00	-35.18	-46.34	-40	6.34	Pass
Adjacent	-20	18.00	-25.65	-36.81	-25	11.81	Pass
Carrier	/	18.00	11.16	/	/	/	/
Adjacent	20	18.00	-22.81	-33.97	-25	8.97	Pass
Alternate	40	18.00	-35.04	-46.20	-40	6.20	Pass

802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV



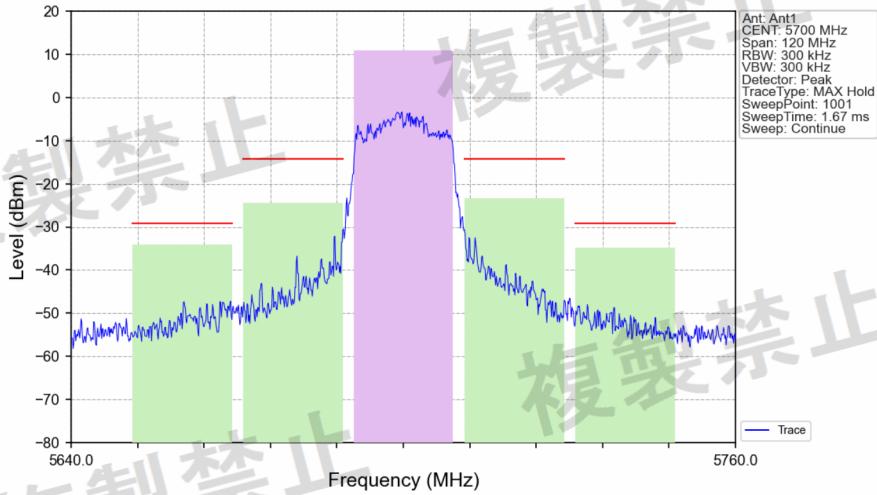
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Alternate	-40	18.00	-35.22	-47.80	-40	7.80	Pass
Adjacent	-20	18.00	-24.45	-37.03	-25	12.03	Pass
Carrier	/	18.00	12.58	/	/	/	/
Adjacent	20	18.00	-27.79	-40.37	-25	15.37	Pass
Alternate	40	18.00	-36.29	-48.87	-40	8.87	Pass

802.11ac(VHT20)_MCH_5600MHz_Ant1_NTNV



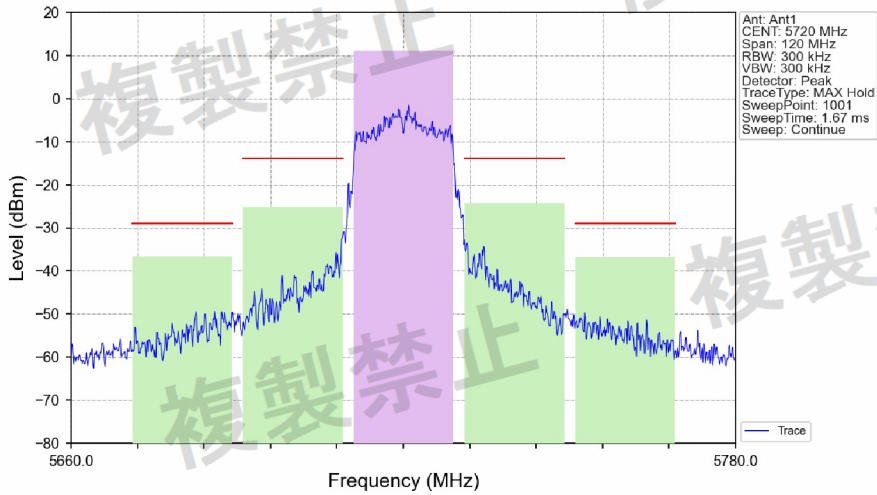
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Alternate	-40	18.00	-35.77	-47.55	-40	7.55	Pass
Adjacent	-20	18.00	-25.84	-37.62	-25	12.62	Pass
Carrier	/	18.00	11.78	/	/	/	/
Adjacent	20	18.00	-27.54	-39.32	-25	14.32	Pass
Alternate	40	18.00	-36.38	-48.16	-40	8.16	Pass

802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV



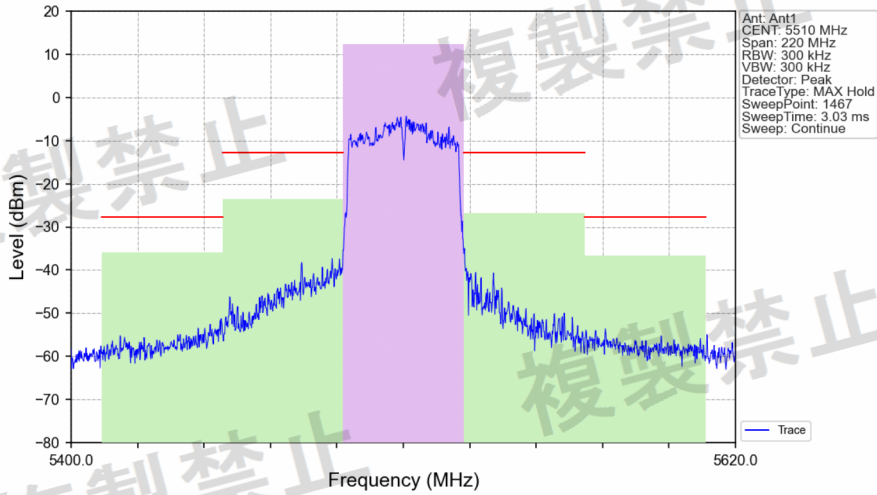
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Alternate	-40	18.00	-34.03	-44.85	-40	4.85	Pass
Adjacent	-20	18.00	-24.48	-35.30	-25	10.30	Pass
Carrier	/	18.00	10.82	/	/	/	/
Adjacent	20	18.00	-23.33	-34.15	-25	9.15	Pass
Alternate	40	18.00	-34.80	-45.62	-40	5.62	Pass

802.11ac(VHT20)_HHCH_5720MHz_Ant1_NTNV



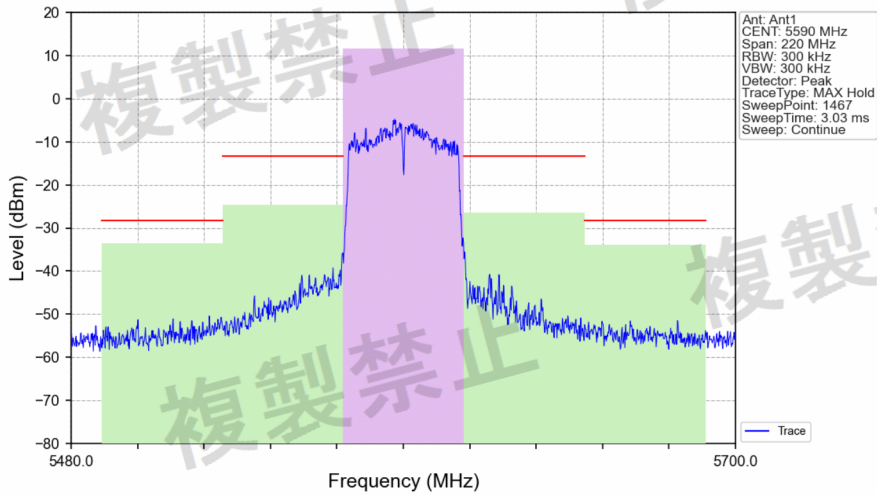
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Alternate	-40	18.00	-36.64	-47.72	-40	7.72	Pass
Adjacent	-20	18.00	-25.10	-36.18	-25	11.18	Pass
Carrier	/	18.00	11.08	/	/	/	/
Adjacent	20	18.00	-24.18	-35.26	-25	10.26	Pass
Alternate	40	18.00	-36.81	-47.89	-40	7.89	Pass

802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV



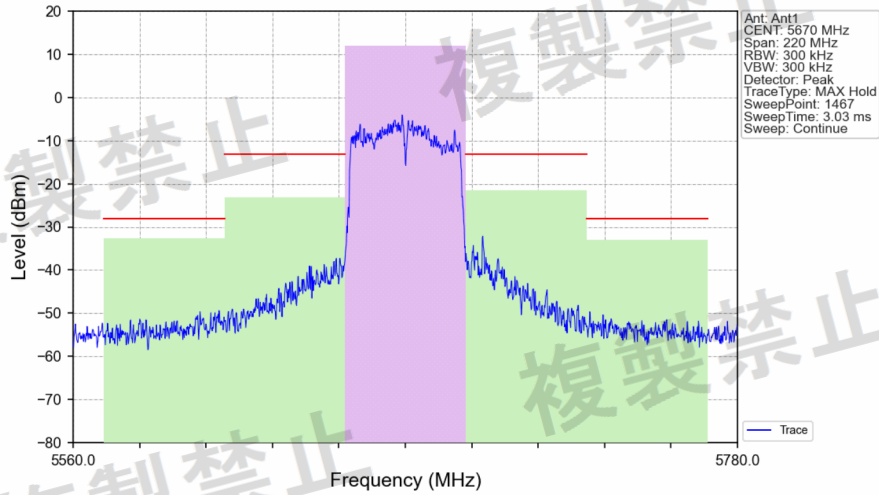
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Alternate	-80	40.00	-35.96	-48.24	-40	8.24	Pass
Adjacent	-40	40.00	-23.51	-35.79	-25	10.79	Pass
Carrier	/	40.00	12.28	/	/	/	/
Adjacent	40	40.00	-26.82	-39.10	-25	14.10	Pass
Alternate	80	40.00	-36.71	-48.99	-40	8.99	Pass

802.11ac(VHT40)_MCH_5590MHz_Ant1_NTNV



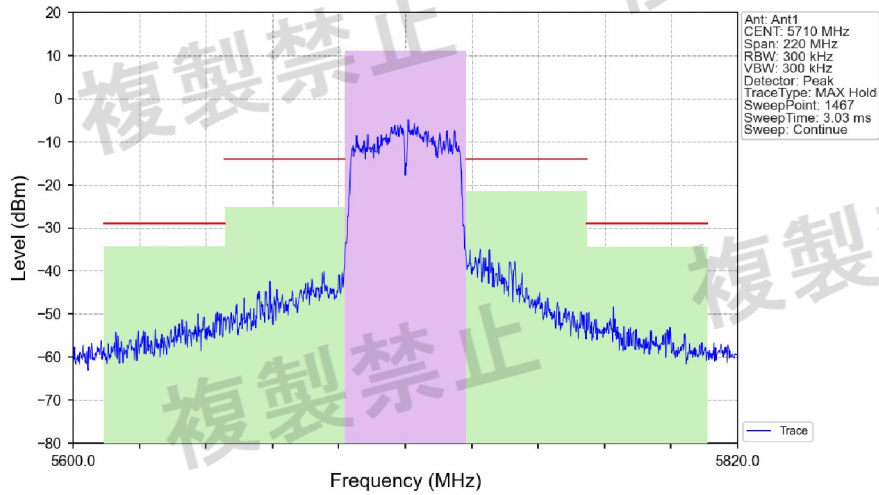
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Alternate	-80	40.00	-33.58	-45.22	-40	5.22	Pass
Adjacent	-40	40.00	-24.66	-36.30	-25	11.30	Pass
Carrier	/	40.00	11.64	/	/	/	/
Adjacent	40	40.00	-26.36	-38.00	-25	13.00	Pass
Alternate	80	40.00	-33.83	-45.47	-40	5.47	Pass

802.11ac(VHT40)_HCH_5670MHz_Ant1_NTNV



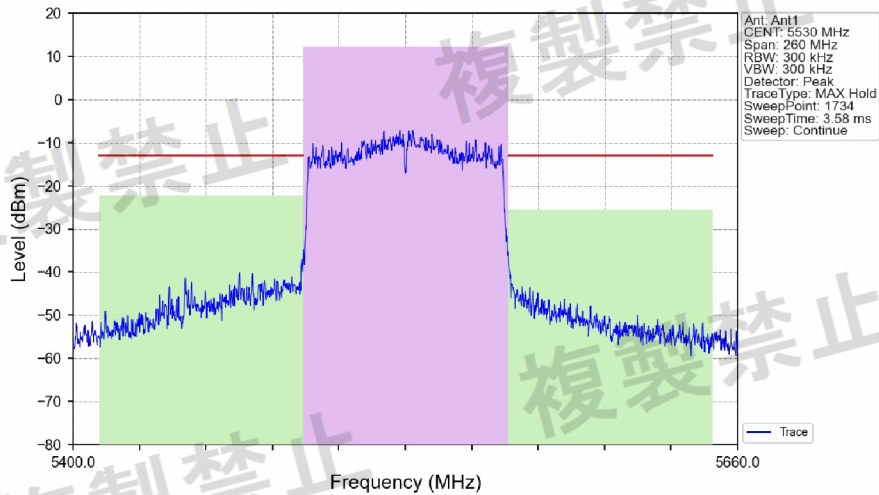
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Alternate	-80	40.00	-32.66	-44.58	-40	4.58	Pass
Adjacent	-40	40.00	-23.16	-35.08	-25	10.08	Pass
Carrier	/	40.00	11.92	/	/	/	/
Adjacent	40	40.00	-21.57	-33.49	-25	8.49	Pass
Alternate	80	40.00	-32.98	-44.90	-40	4.90	Pass

802.11ac(VHT40)_HHCH_5710MHz_Ant1_NTNV



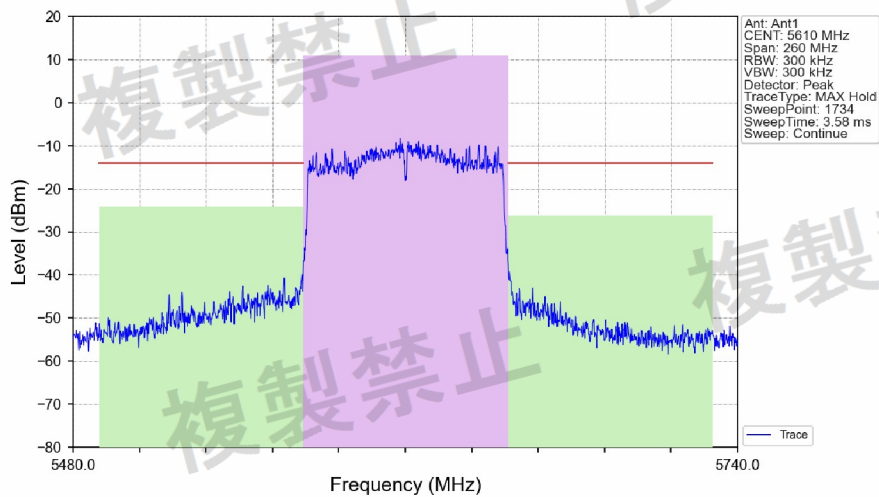
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Alternate	-80	40.00	-34.23	-45.22	-40	5.22	Pass
Adjacent	-40	40.00	-25.10	-36.09	-25	11.09	Pass
Carrier	/	40.00	10.99	/	/	/	/
Adjacent	40	40.00	-21.47	-32.46	-25	7.46	Pass
Alternate	80	40.00	-34.45	-45.44	-40	5.44	Pass

802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV

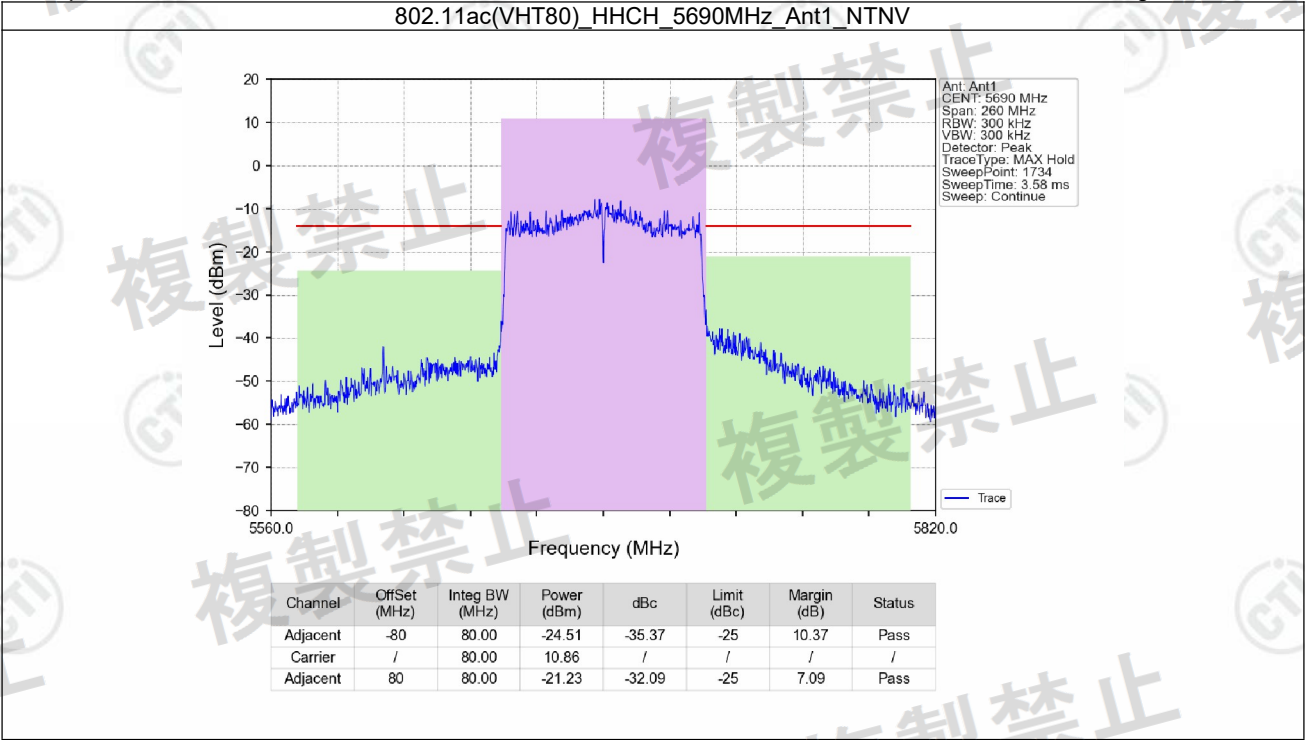


Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Adjacent	-80	80.00	-22.31	-34.40	-25	9.40	Pass
Carrier	/	80.00	12.09	/	/	/	/
Adjacent	80	80.00	-25.56	-37.65	-25	12.65	Pass

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	-24.04	-34.98	-25	9.98	Pass
Carrier	/	80.00	10.94	/	/	/	/
Adjacent	80	80.00	-26.26	-37.20	-25	12.20	Pass



5. Out Of Bands Leakage Power

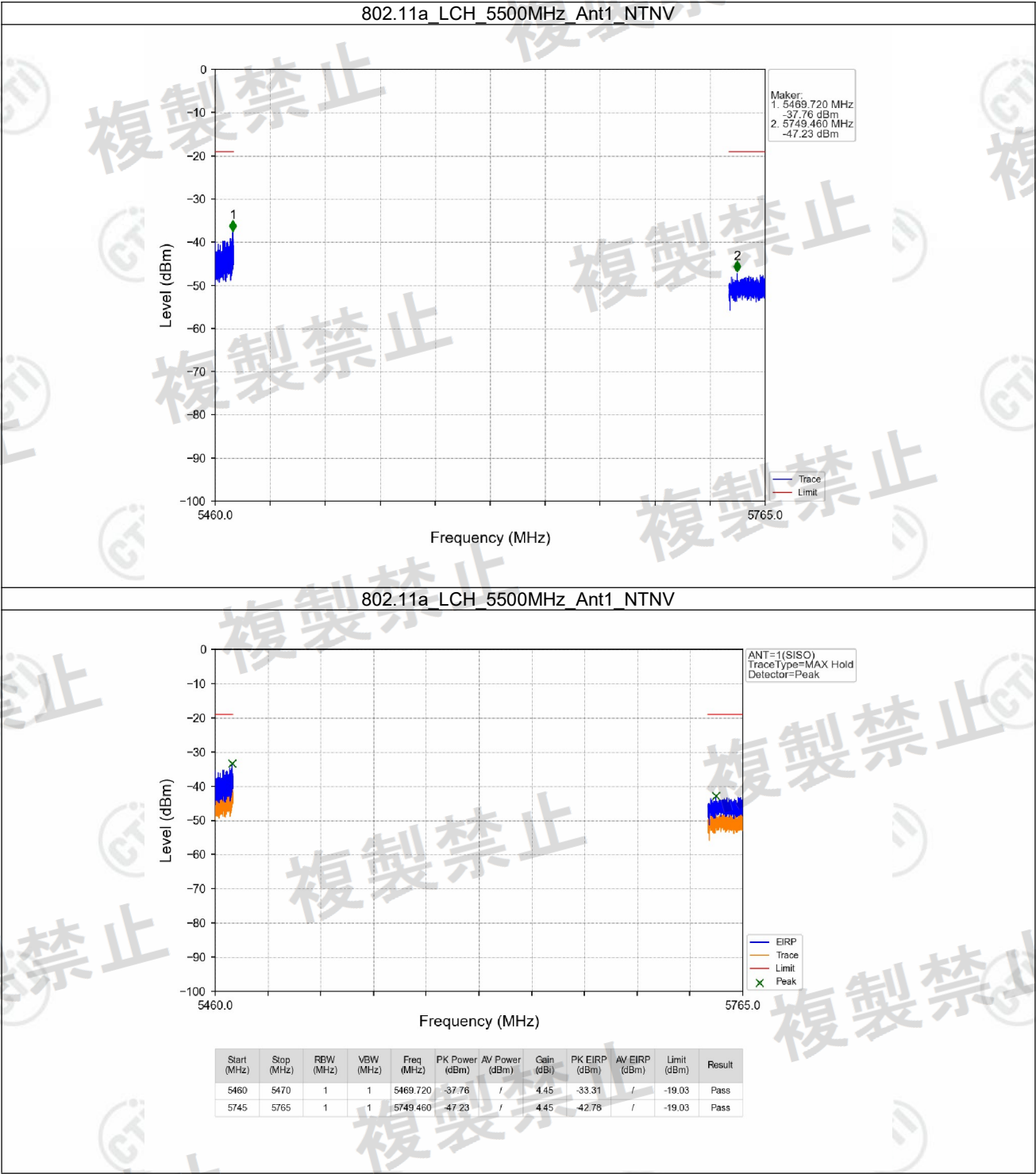
5.1 Test Result

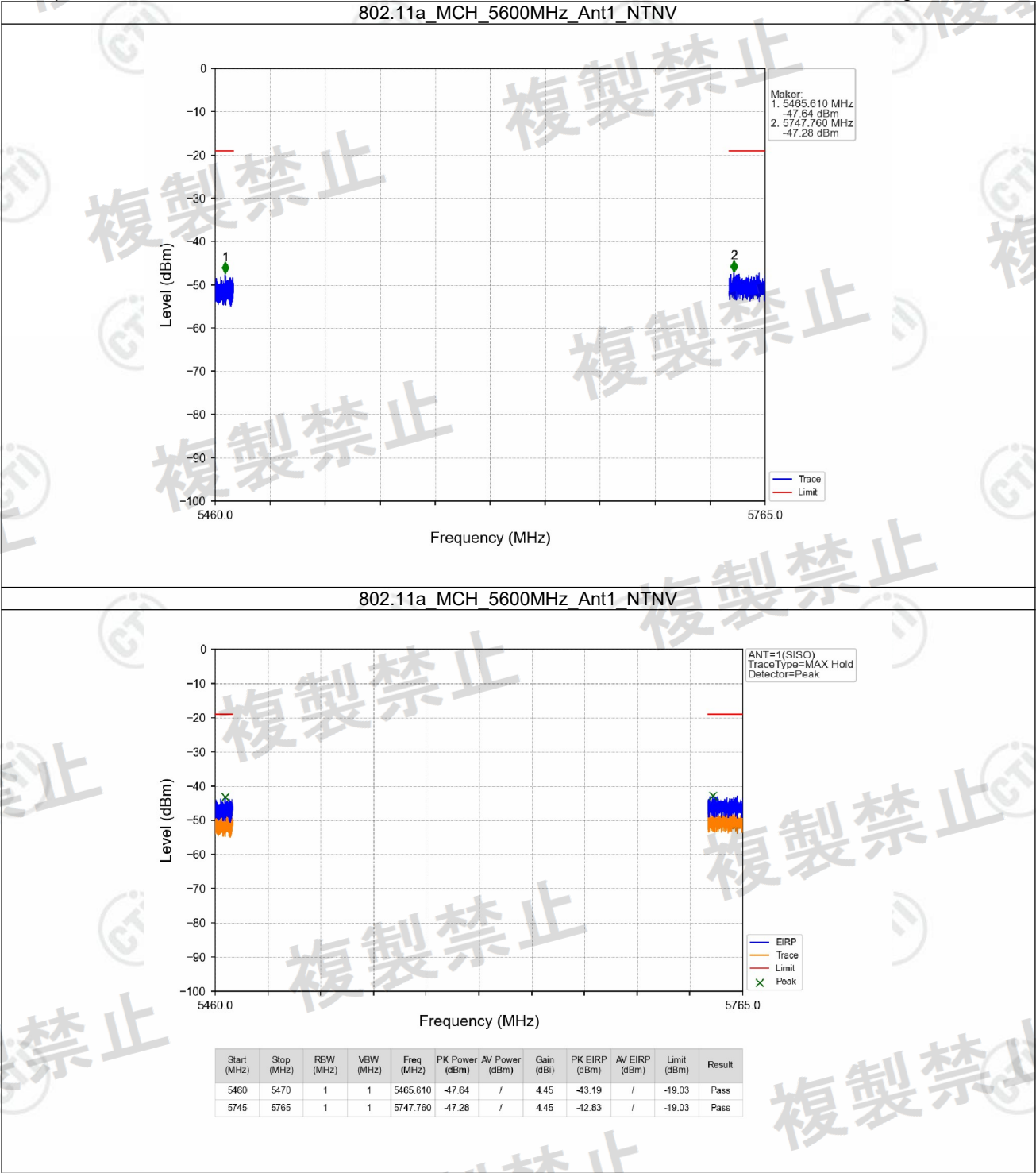
5.1.1 OOB_NTNV_SISO

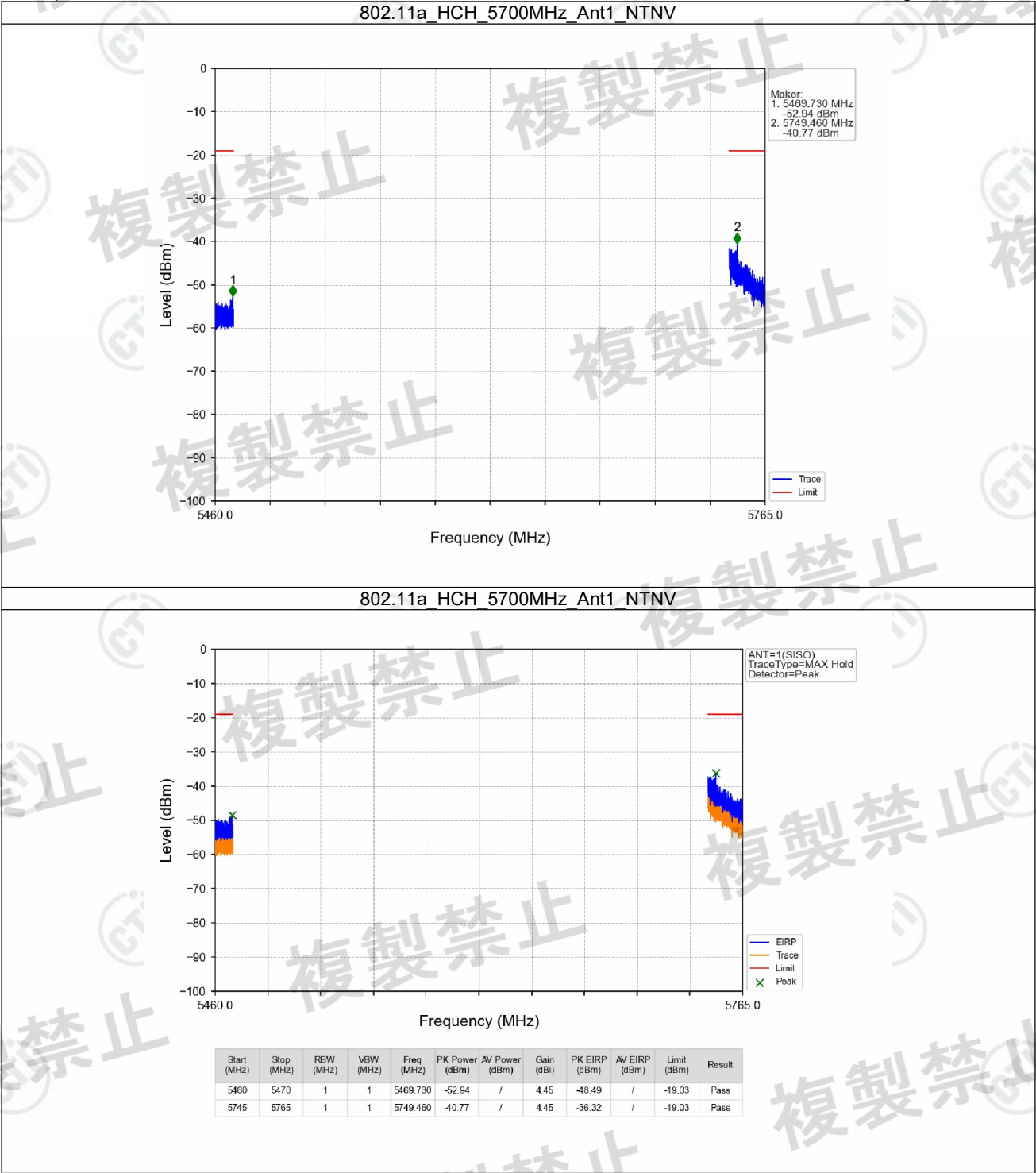
NTNV												
Mode	TX Type	Freq. (MHz)	ANT	Freq. Range		Marker					Limit (uW /MHz)	Verdict
				Start (MHz)	Stop (MHz)	Freq. (MHz)	PK EIRP (dBm /MHz)	PK EIRP (uW /MHz)	AV EIRP (dBm /MHz)	AV EIRP (uW /MHz)		
802.11a	SISO	5500	1	5460	5470	5469.72	-33.31	0.467	/	/	12.5	Pass
				5745	5765	5749.46	-42.78	0.053	/	/	12.5	Pass
		5600	1	5460	5470	5465.61	-43.19	0.048	/	/	12.5	Pass
				5745	5765	5747.76	-42.83	0.052	/	/	12.5	Pass
		5700	1	5460	5470	5469.73	-48.49	0.014	/	/	12.5	Pass
				5745	5765	5749.46	-36.32	0.233	/	/	12.5	Pass
		5720	1	5460	5470	5467.8	-43.96	0.040	/	/	12.5	Pass
				5745	5765	5745.26	-26.18	2.410	/	/	12.5	Pass
802.11n (HT20)	SISO	5500	1	5460	5470	5469.37	-34.79	0.332	/	/	12.5	Pass
				5745	5765	5751.58	-43.32	0.047	/	/	12.5	Pass
		5600	1	5460	5470	5466.39	-43.39	0.046	/	/	12.5	Pass
				5745	5765	5760.1	-42.81	0.052	/	/	12.5	Pass
		5700	1	5460	5470	5465.32	-49.67	0.011	/	/	12.5	Pass
				5745	5765	5746.08	-41.69	0.068	/	/	12.5	Pass
		5720	1	5460	5470	5466.54	-43.61	0.044	/	/	12.5	Pass
				5745	5765	5745.6	-32.01	0.630	/	/	12.5	Pass
802.11ac (VHT20)	SISO	5500	1	5460	5470	5467.76	-35.40	0.288	/	/	12.5	Pass
				5745	5765	5749.52	-43.00	0.050	/	/	12.5	Pass
		5600	1	5460	5470	5461.28	-42.79	0.053	/	/	12.5	Pass
				5745	5765	5752.64	-42.15	0.061	/	/	12.5	Pass
		5700	1	5460	5470	5467.23	-43.03	0.050	/	/	12.5	Pass
				5745	5765	5748.08	-39.55	0.111	/	/	12.5	Pass
		5720	1	5460	5470	5465.43	-49.22	0.012	/	/	12.5	Pass
				5745	5765	5746.7	-34.53	0.352	/	/	12.5	Pass
802.11ac (VHT40)	SISO	5510	1	5460	5470	5467.21	-32.80	0.525	/	/	50	Pass
		5590	1	5460	5470	5460.57	-42.82	0.052	/	/	50	Pass
		5670	1	5460	5470	5463.84	-43.13	0.049	/	/	50	Pass
		5710	1	5460	5470	5469.45	-49.44	0.011	/	/	50	Pass
802.11ac (VHT80)	SISO	5530	1	5460	5469.5	5466.413	-31.63	0.687	/	/	50	Pass
				5469.5	5470	5469.893	-30.59	0.873	/	/	51.2	Pass
		5610	1	5460	5469.5	5464.237	-42.66	0.054	/	/	50	Pass
				5469.5	5470	5469.873	-41.27	0.075	/	/	51.2	Pass
		5690	1	5460	5469.5	5467.021	-48.37	0.015	/	/	50	Pass
				5469.5	5470	5469.67	-47.92	0.016	/	/	51.2	Pass

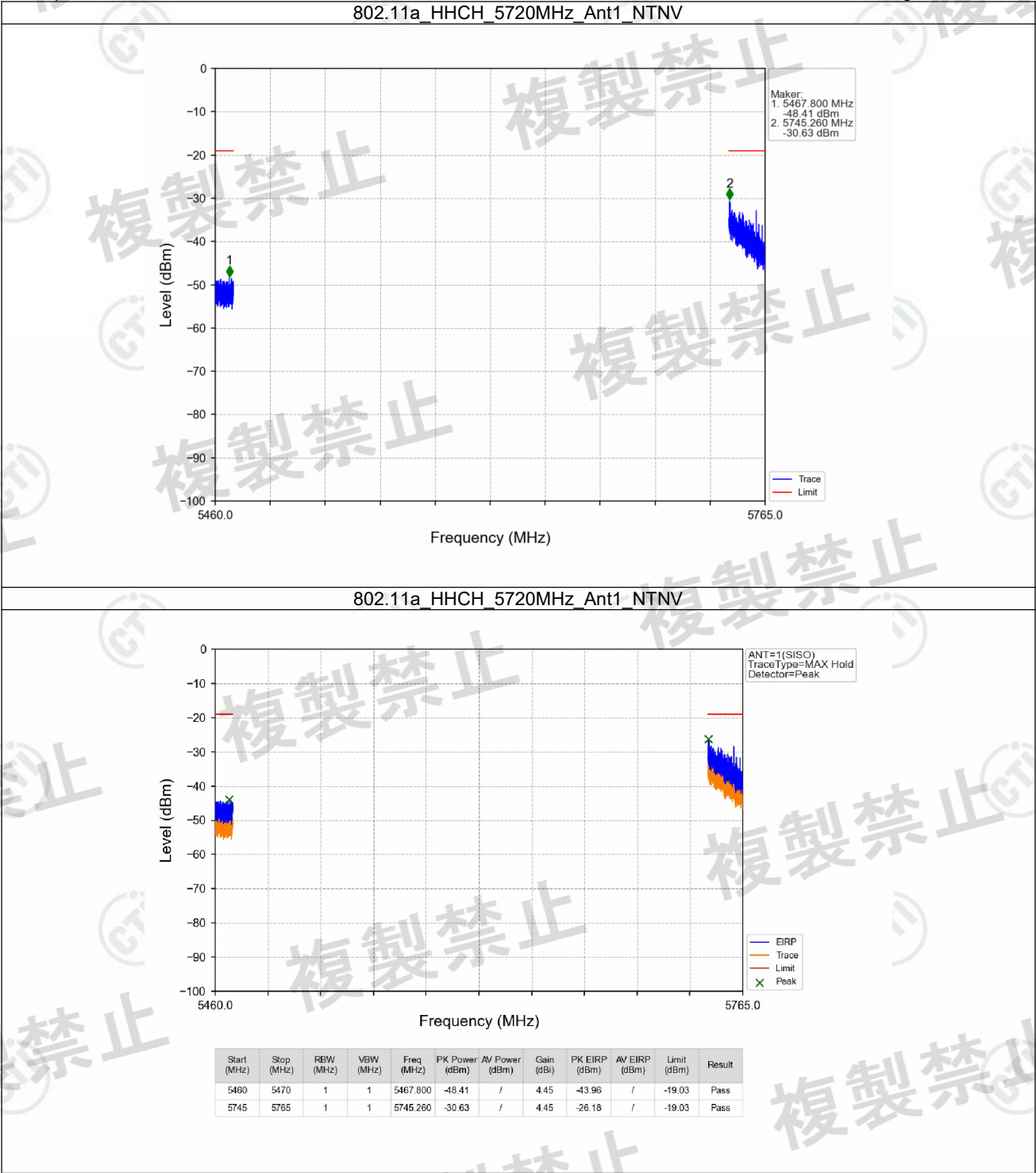
5.2 Test Graph

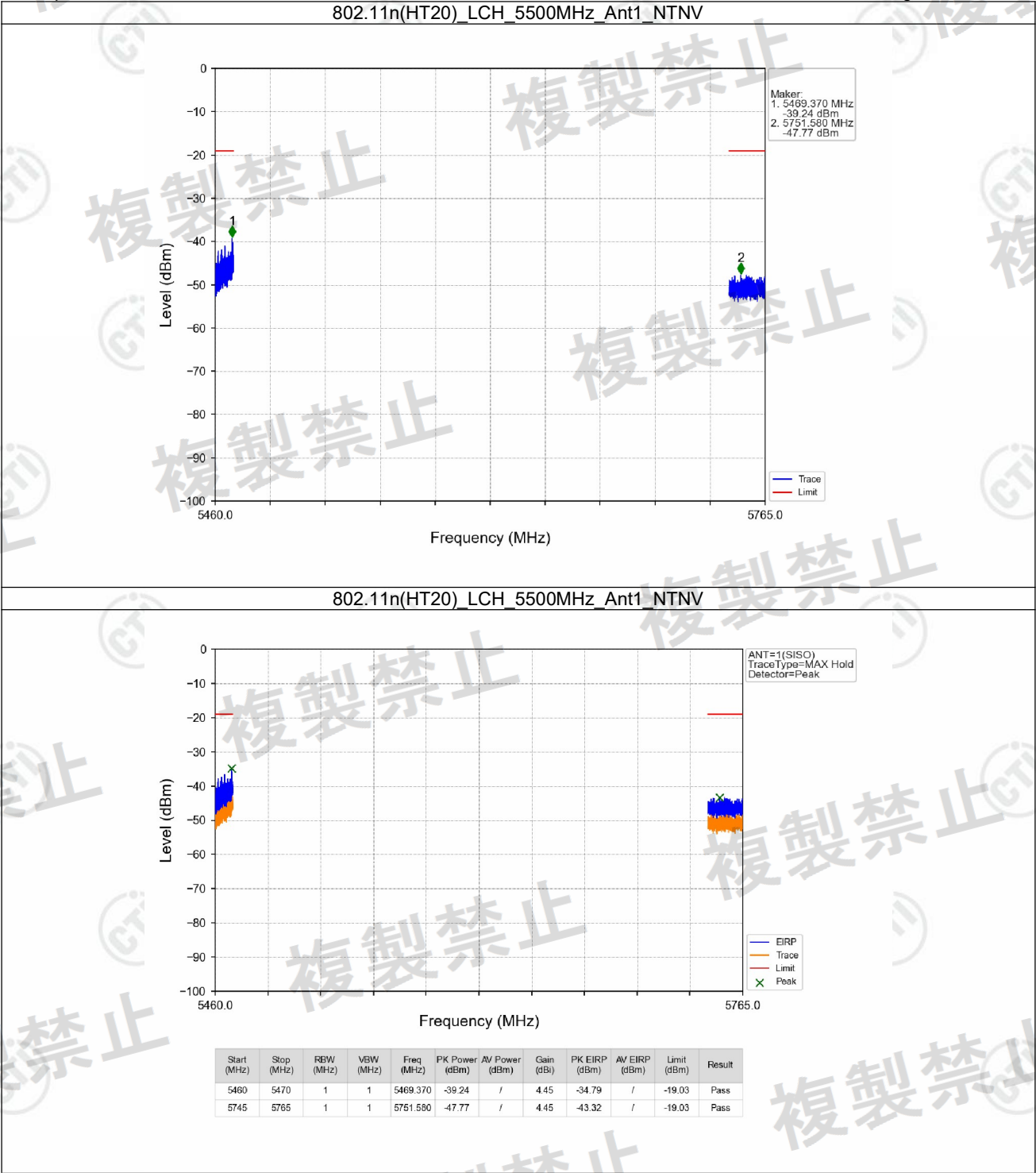
5.2.1 OOB_NTNV_SISO

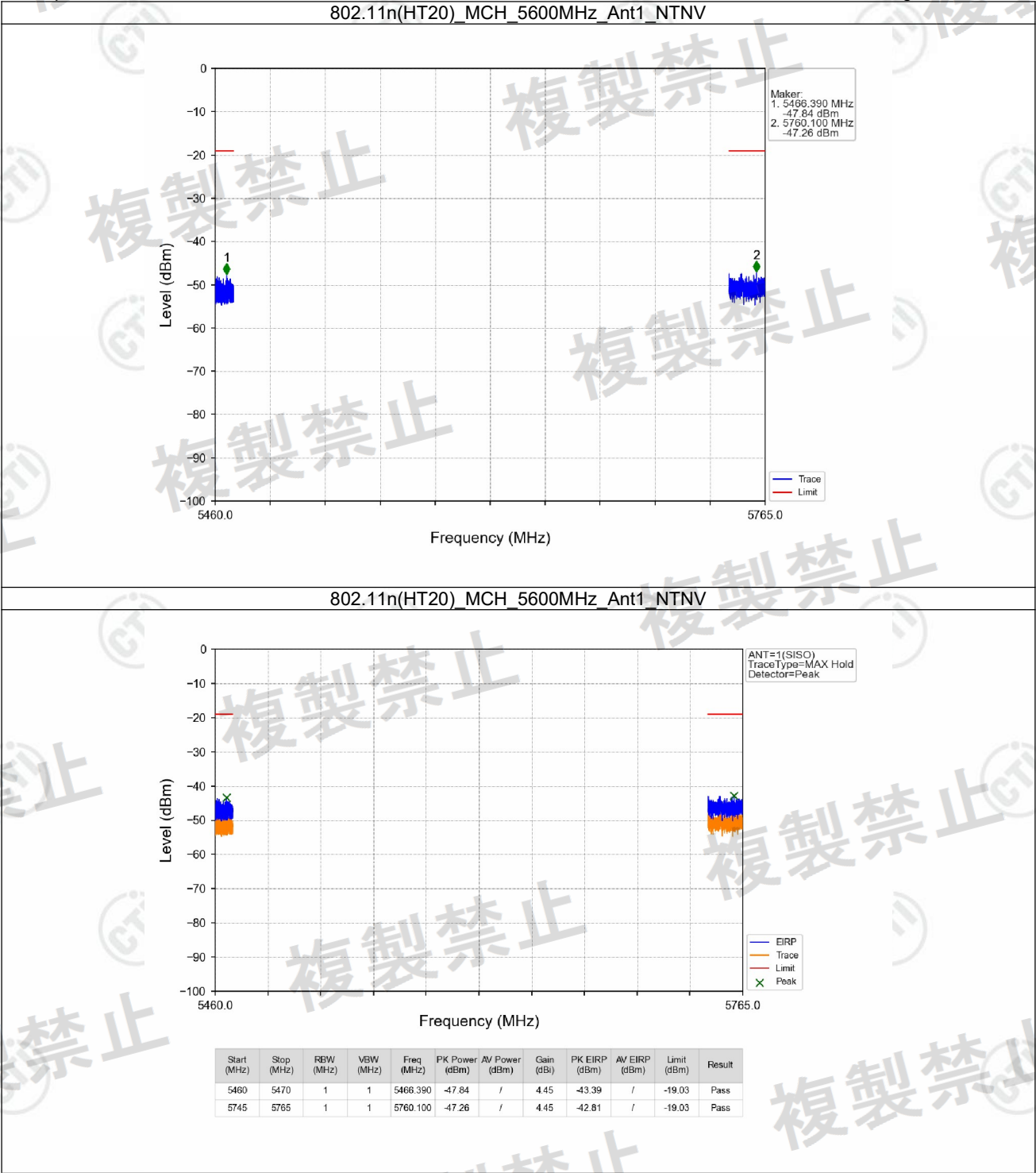


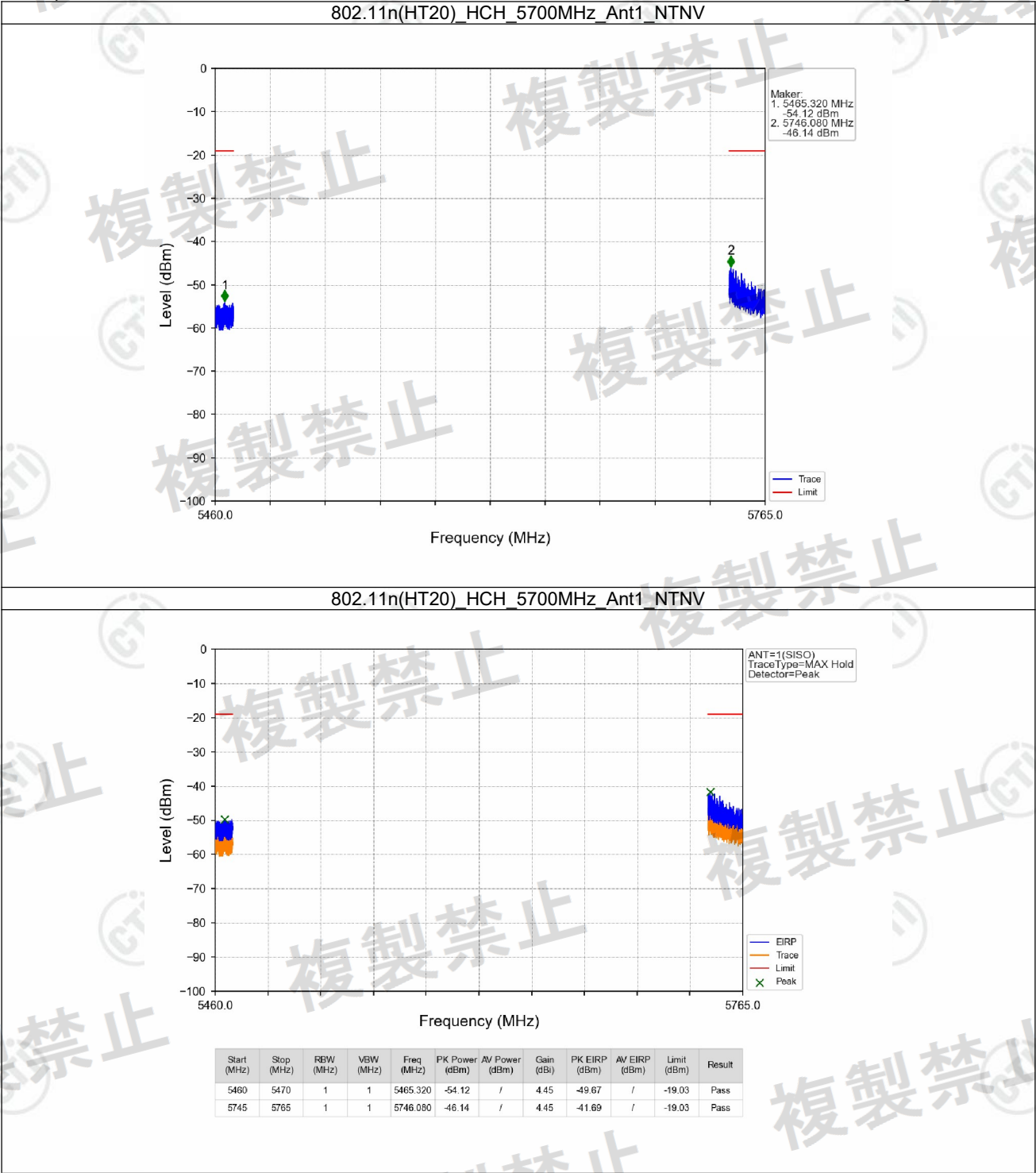


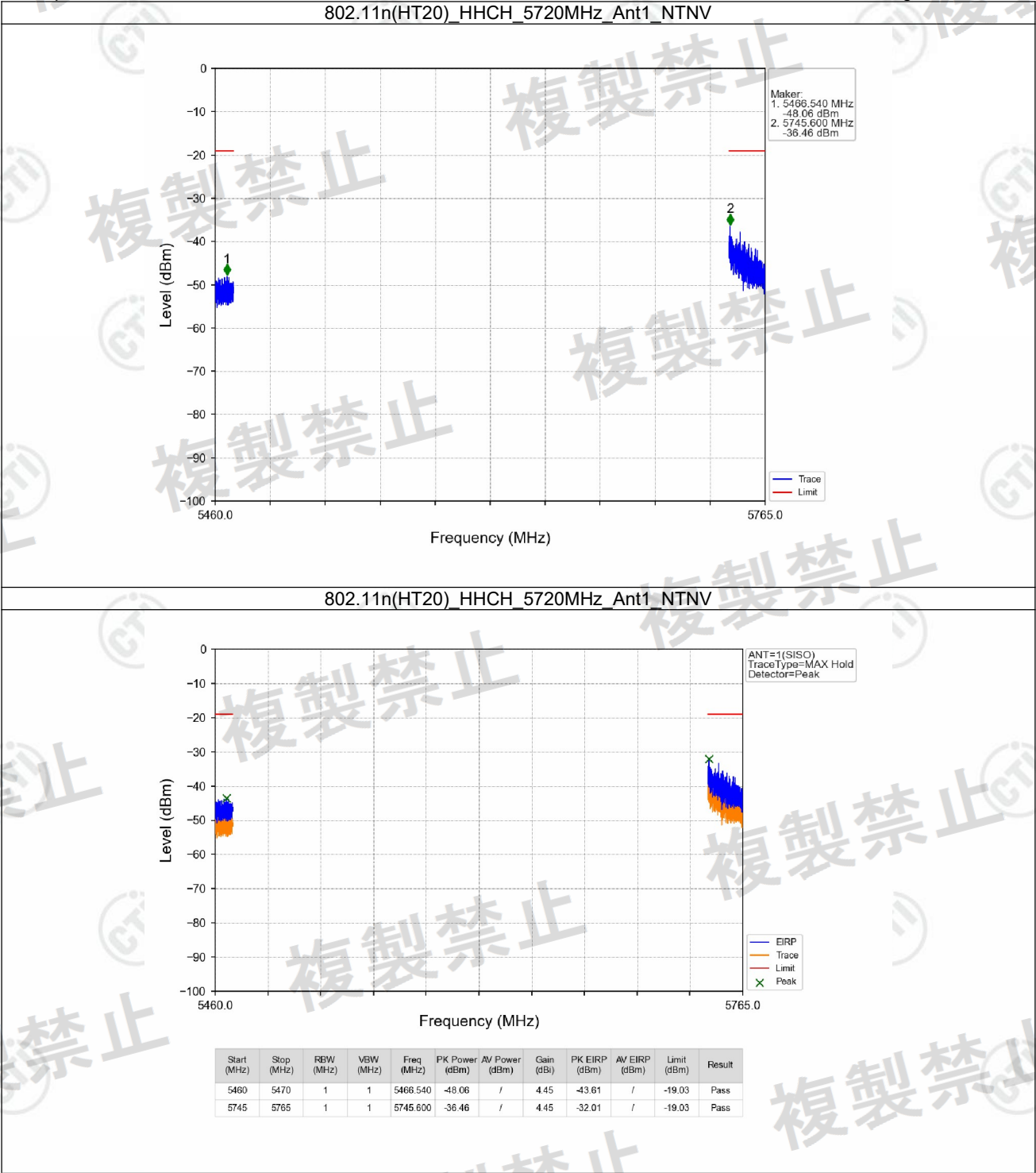




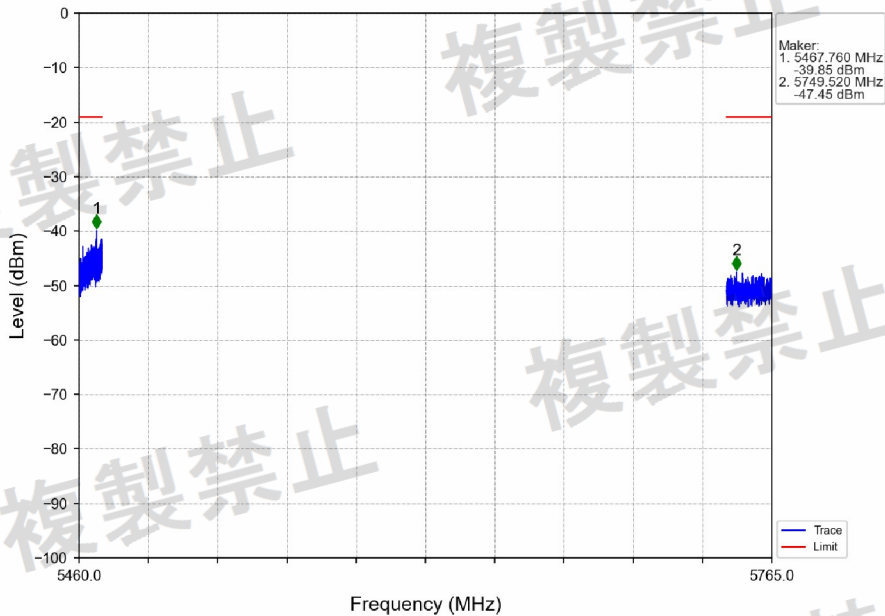




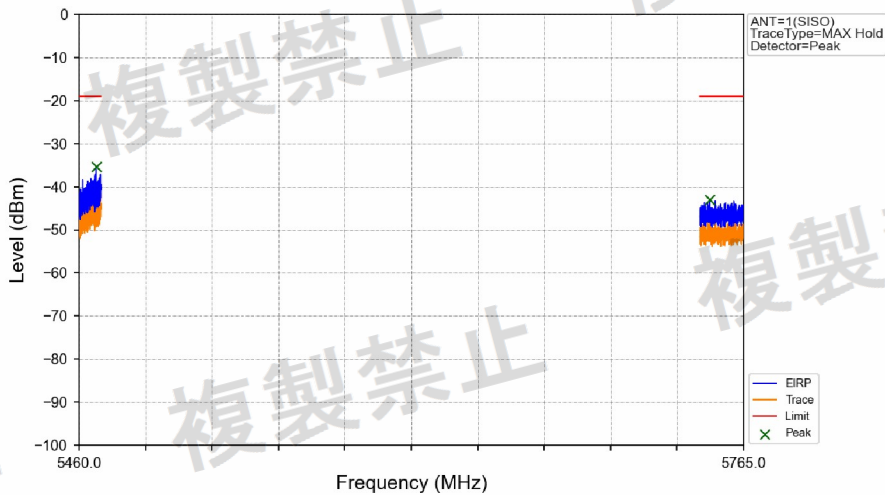




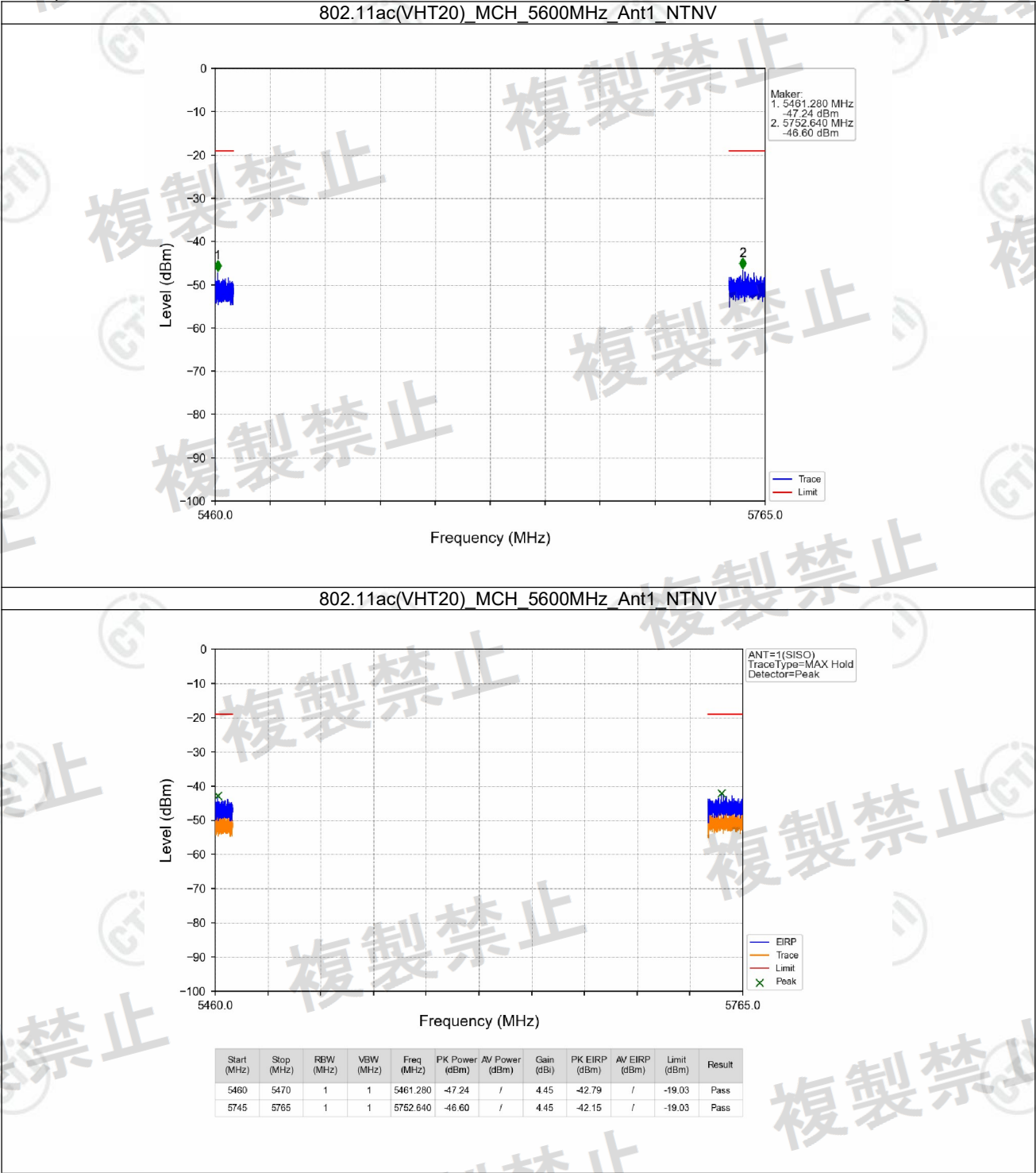
802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV

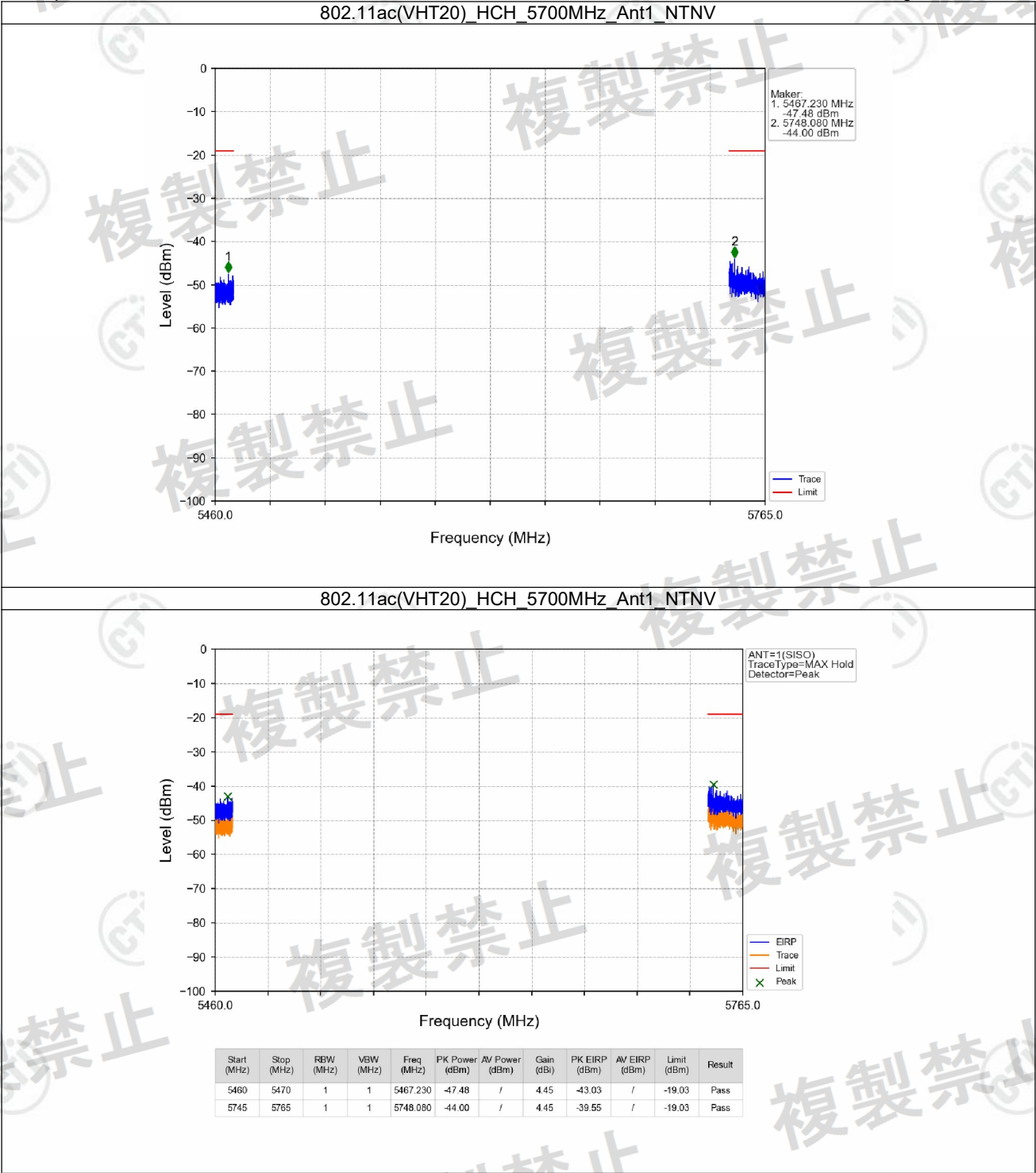


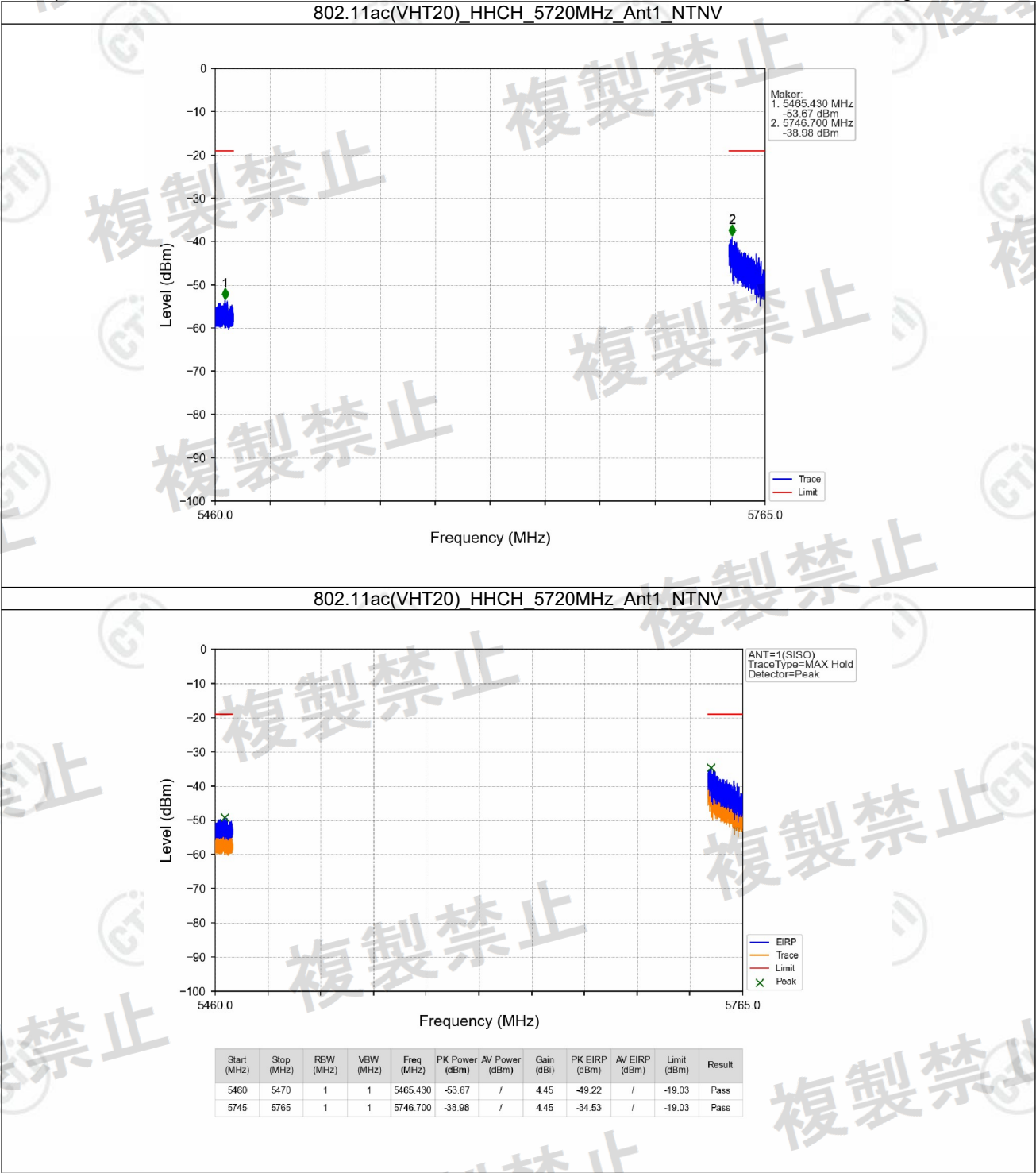
802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV

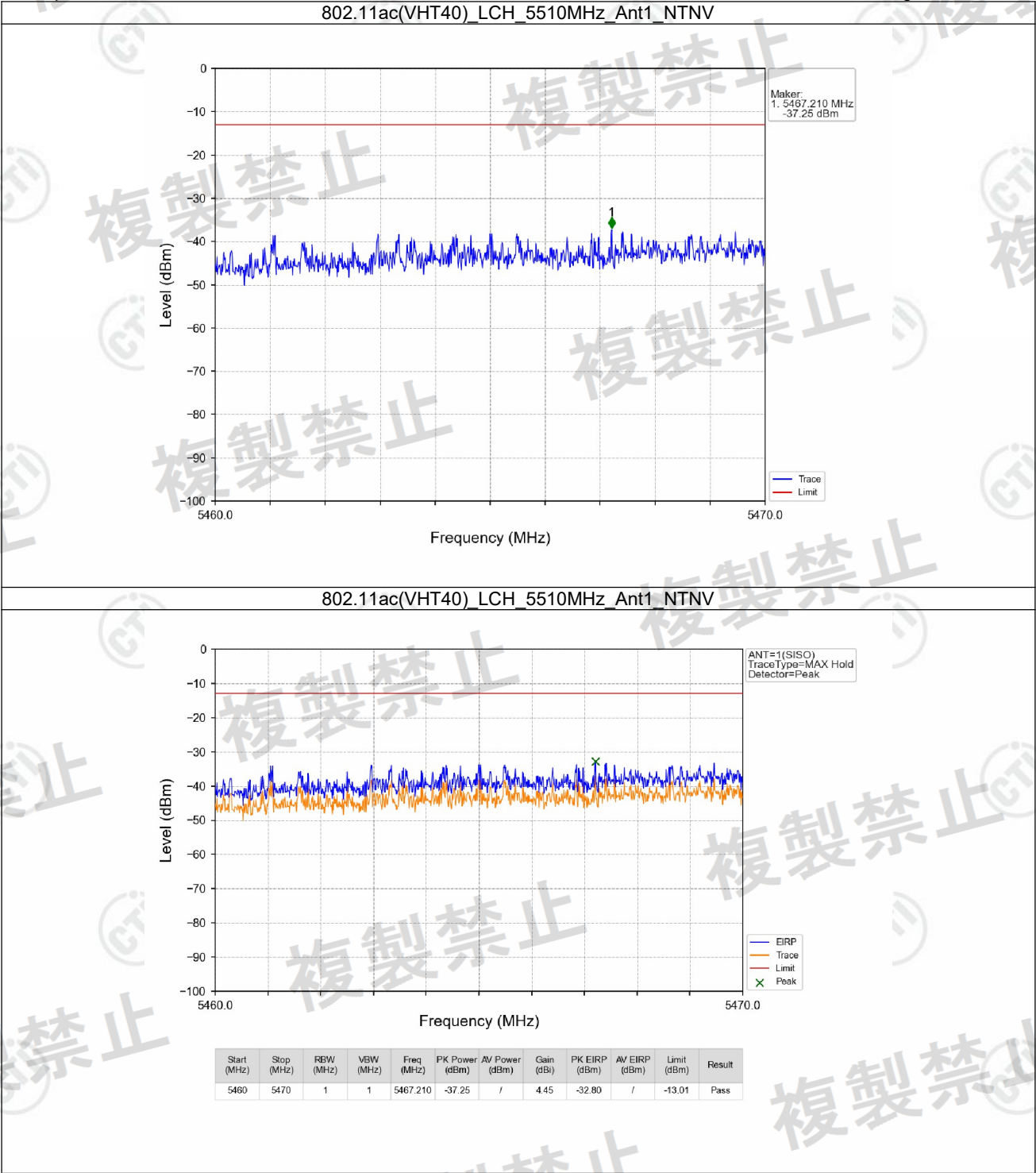


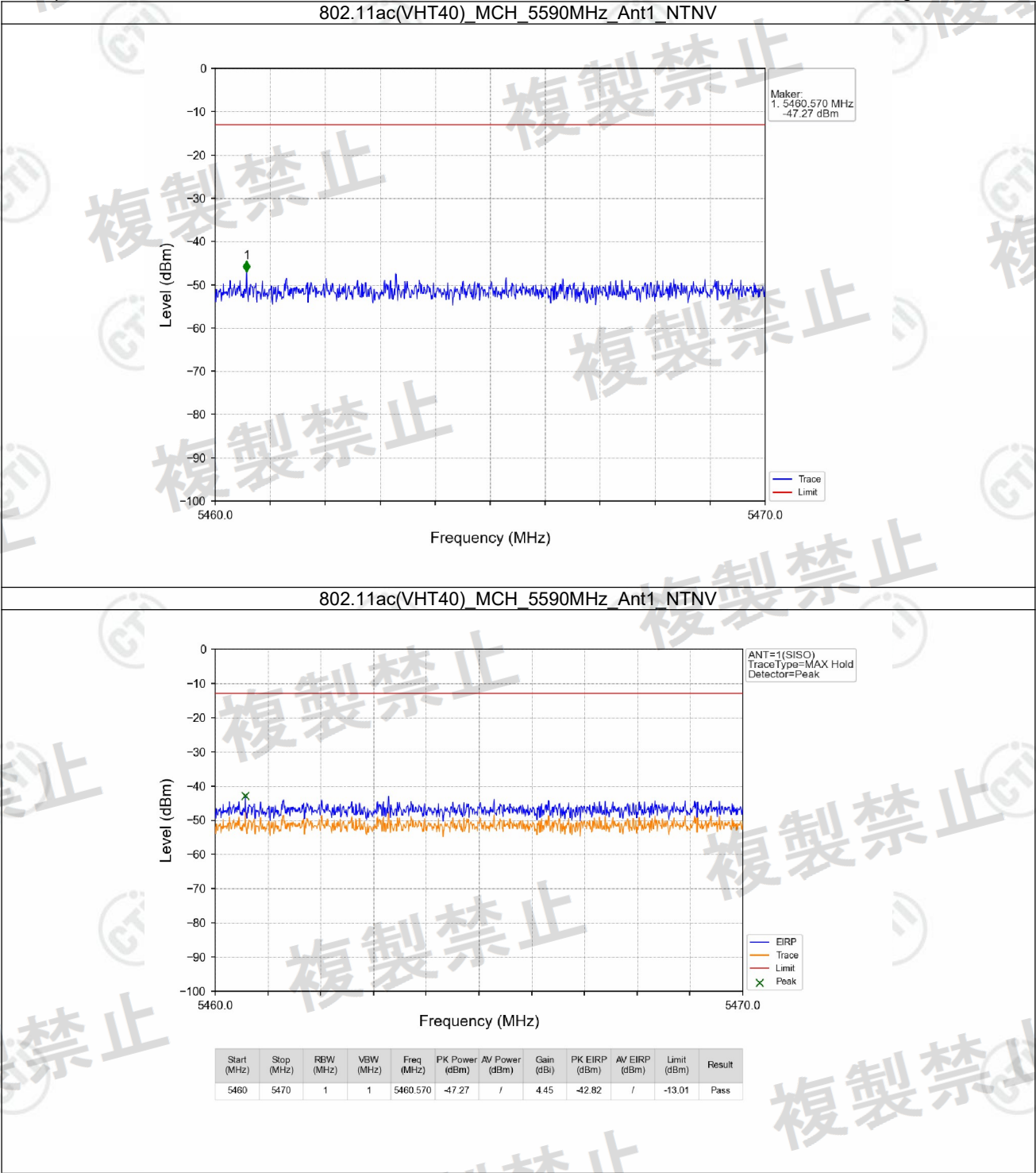
Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dB)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
5460	5470	1	1	5467.760	-39.85	/	4.45	-35.40	/	-19.03	Pass
5745	5765	1	1	5749.520	-47.45	/	4.45	-43.00	/	-19.03	Pass

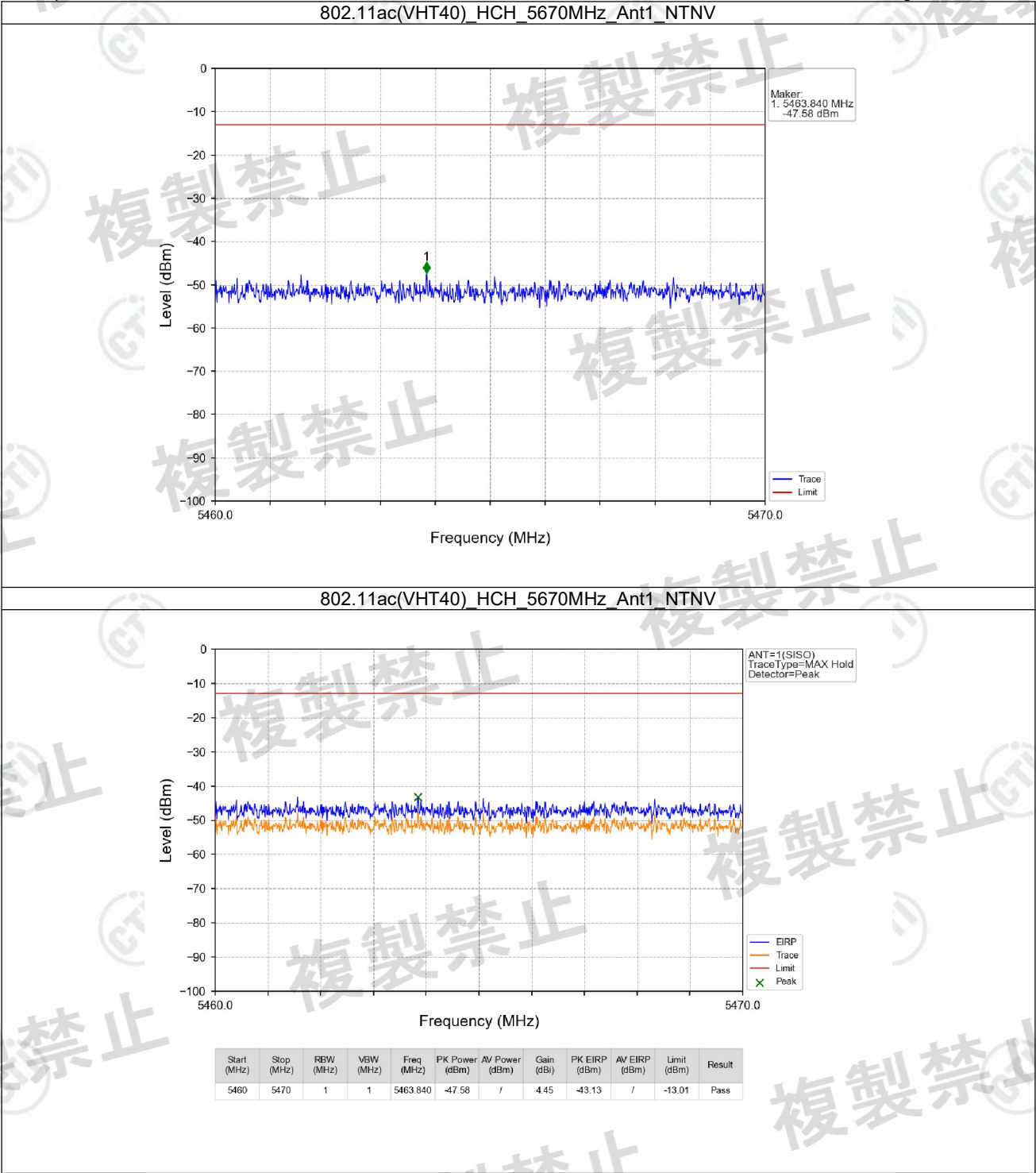


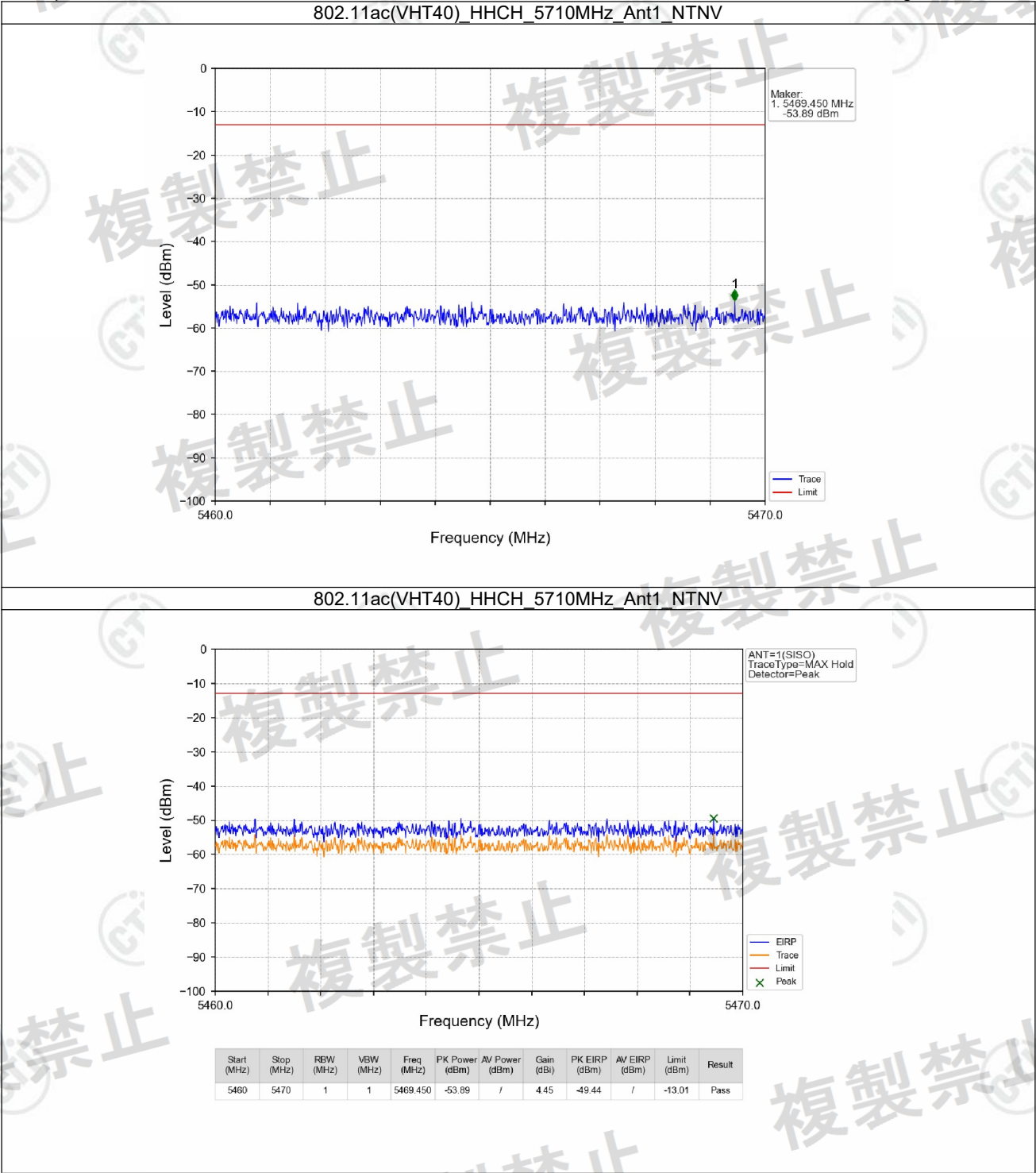


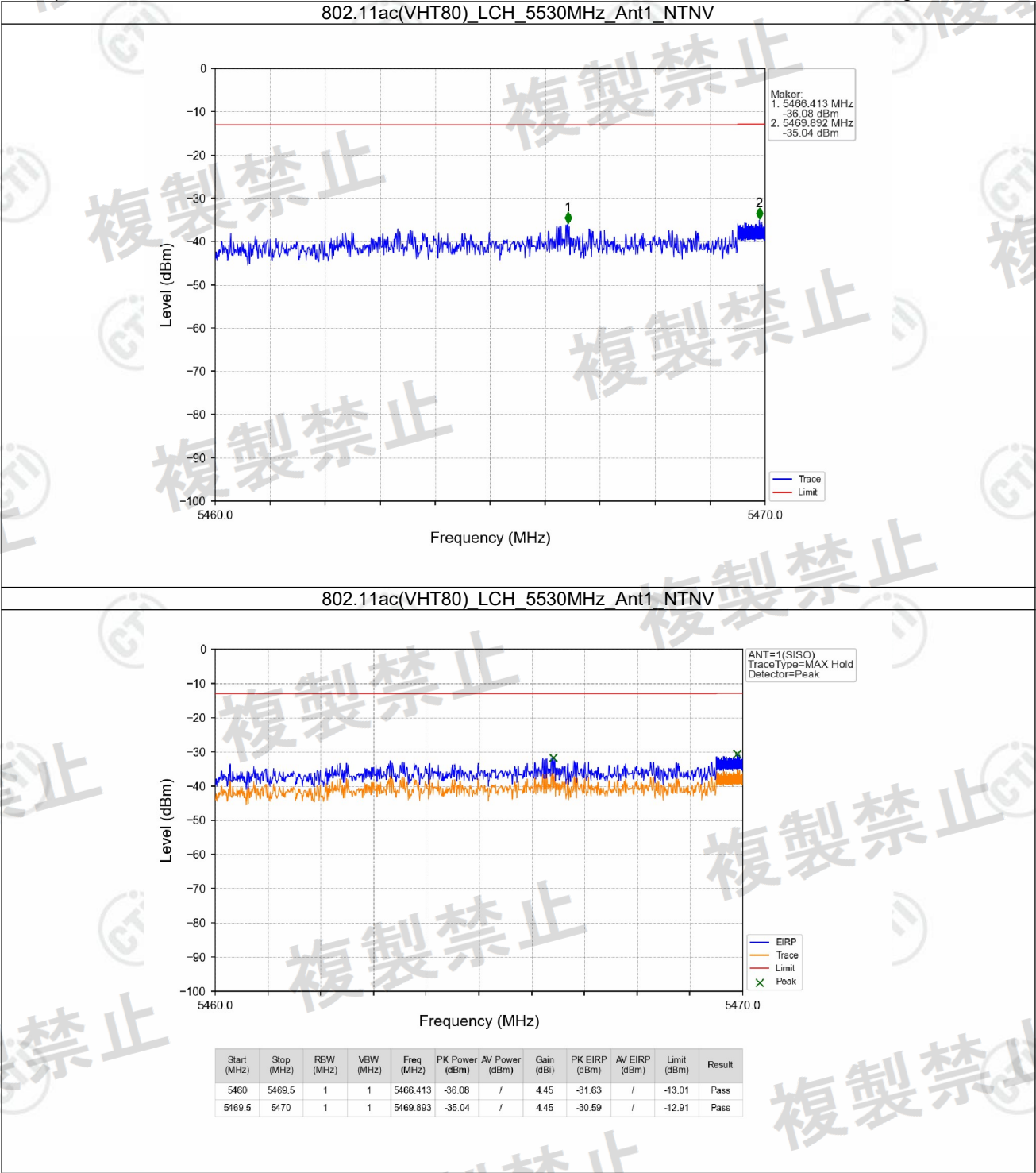


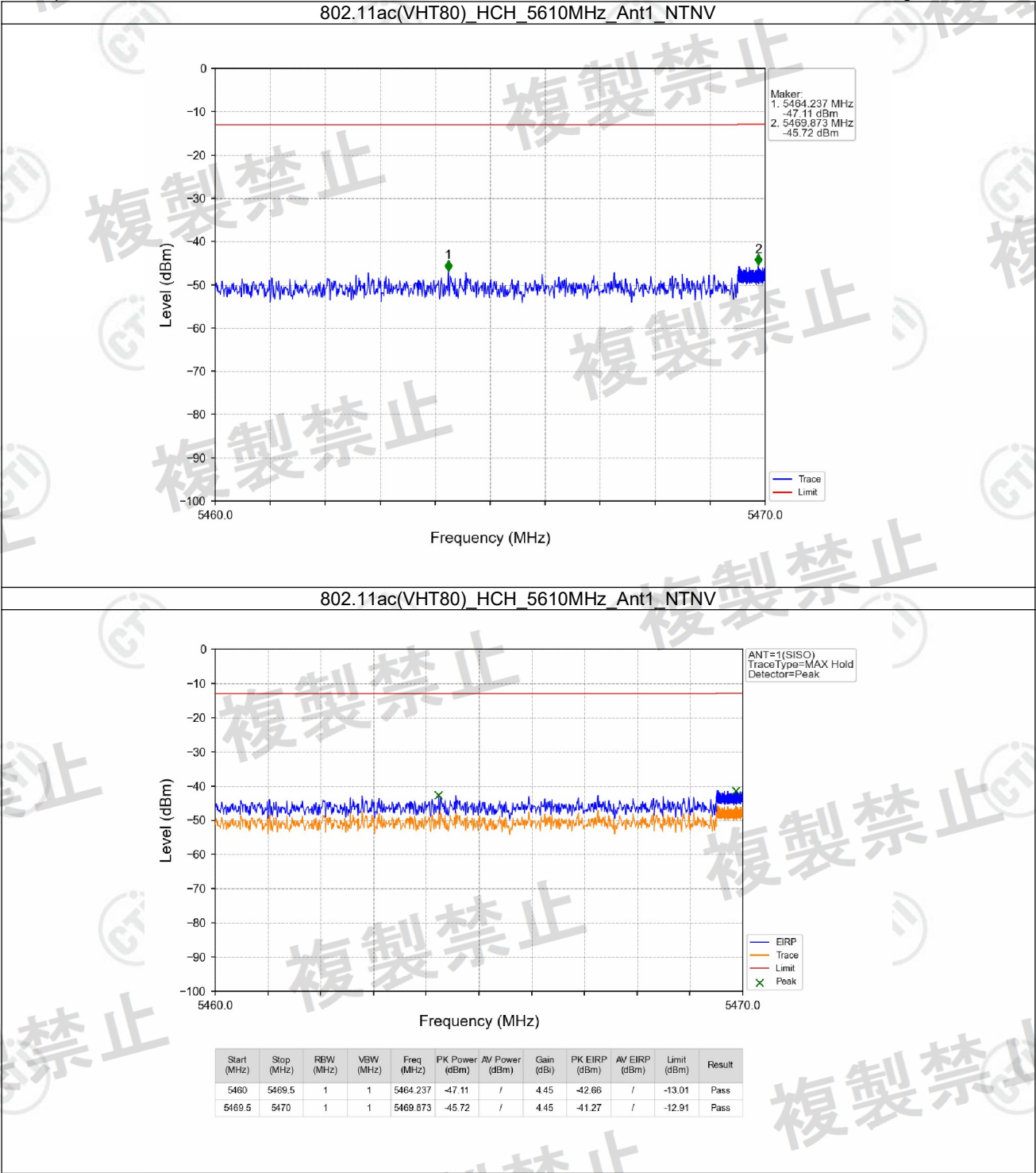


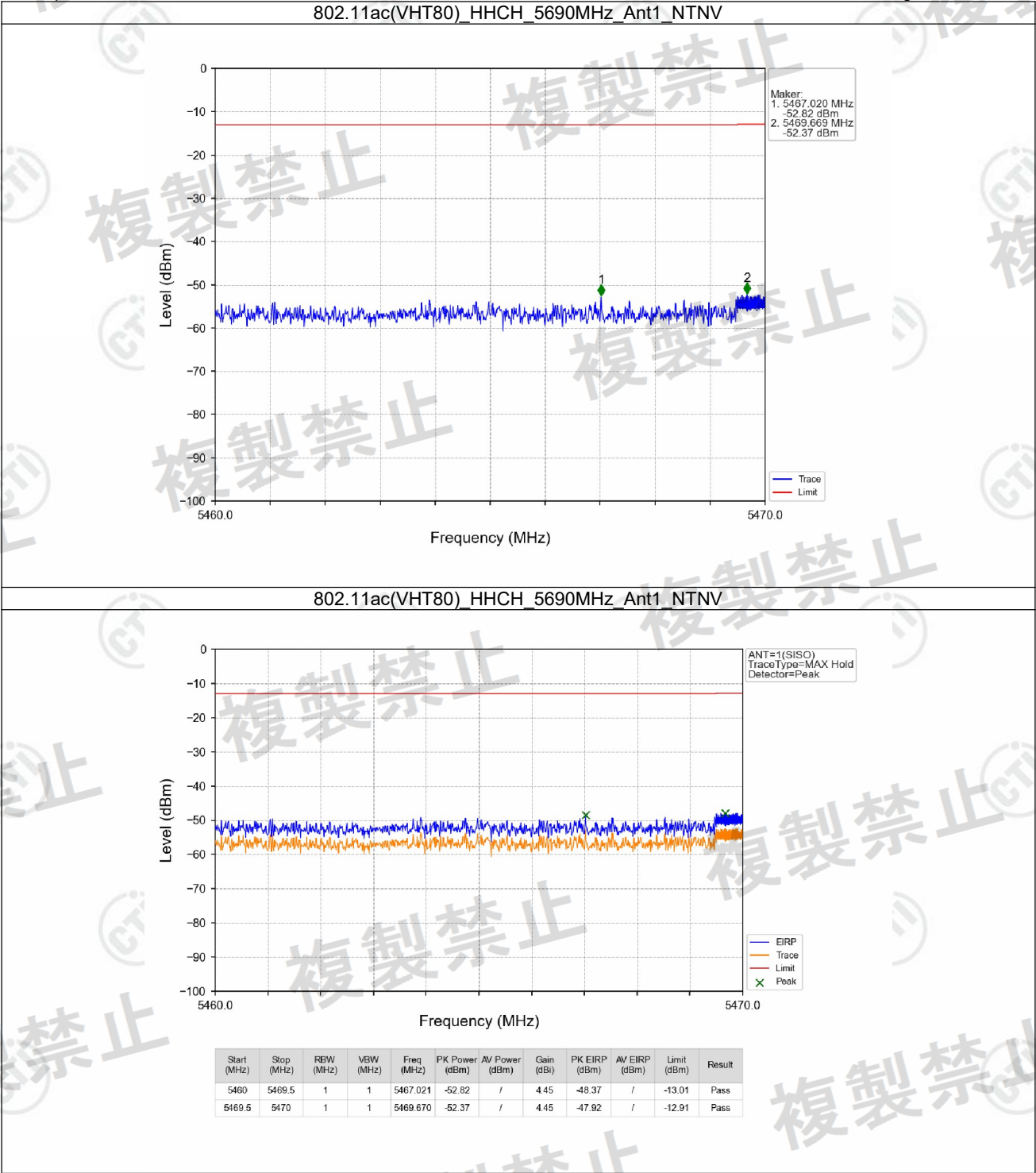












6. Transmission Burst Length

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	1.399	≤ 8	Pass
		5600	1.398	≤ 8	Pass
		5700	1.399	≤ 8	Pass
		5720	1.398	≤ 8	Pass
802.11n (HT20)	SISO	5500	1.310	≤ 8	Pass
		5600	1.310	≤ 8	Pass
		5700	1.311	≤ 8	Pass
		5720	1.310	≤ 8	Pass
802.11ac (VHT20)	SISO	5500	1.318	≤ 8	Pass
		5600	1.318	≤ 8	Pass
		5700	1.318	≤ 8	Pass
		5720	1.319	≤ 8	Pass
802.11ac (VHT40)	SISO	5510	0.657	≤ 8	Pass
		5590	0.657	≤ 8	Pass
		5670	0.657	≤ 8	Pass
		5710	0.660	≤ 8	Pass
802.11ac (VHT80)	SISO	5530	0.330	≤ 8	Pass
		5610	0.330	≤ 8	Pass
		5690	0.329	≤ 8	Pass

6.2 Test Graph

6.2.1 Ant1_NTNV

