

Appendix RF test data for WIFI 5G_W52

1. Frequency Error

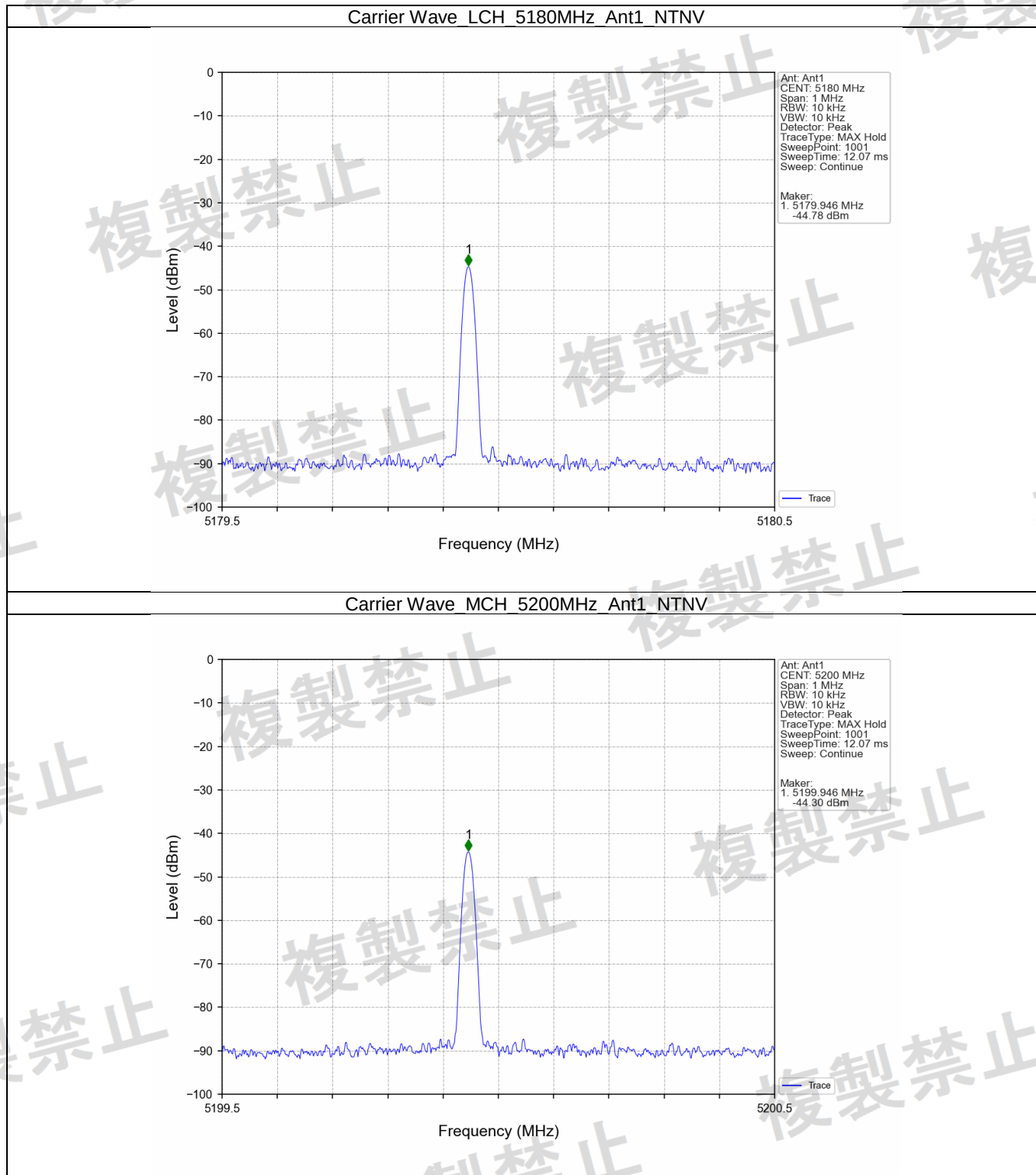
1.1 Test Result

1.1.1 Ant1

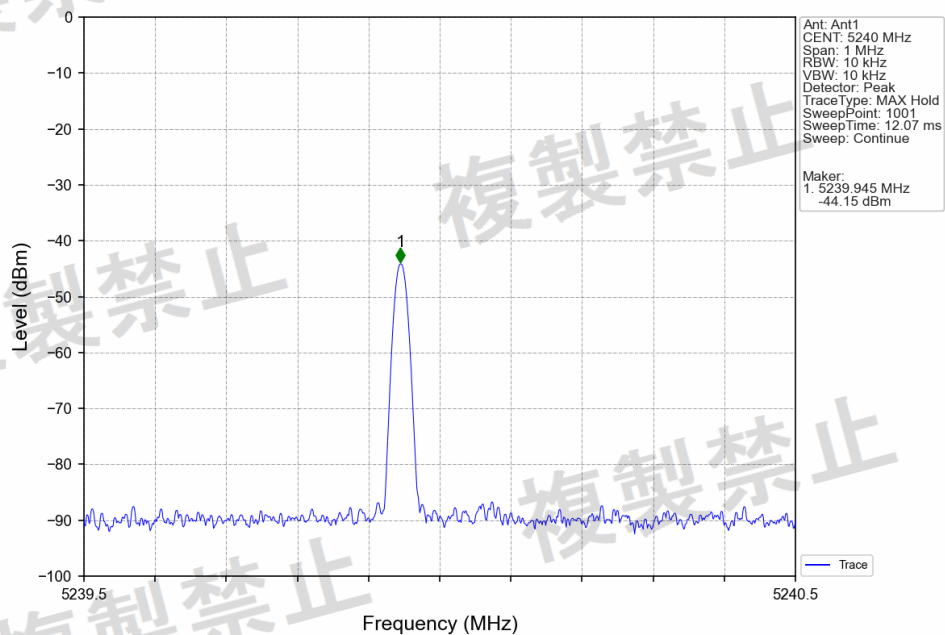
Ant1							
ENV	Mode	TX Type	Frequency (MHz)	Measured Frequency (MHz)	Tolerance (ppm)		Verdict
					Result	Limit	
NTNV	Carrier Wave	SISO	5180	5179.946	-10.42	-20 to 20	Pass
			5200	5199.946	-10.38	-20 to 20	Pass
			5240	5239.945	-10.50	-20 to 20	Pass
			5190	5189.946	-10.40	-20 to 20	Pass
			5230	5229.945	-10.52	-20 to 20	Pass
			5210	5209.946	-10.36	-20 to 20	Pass

1.2 Test Graph

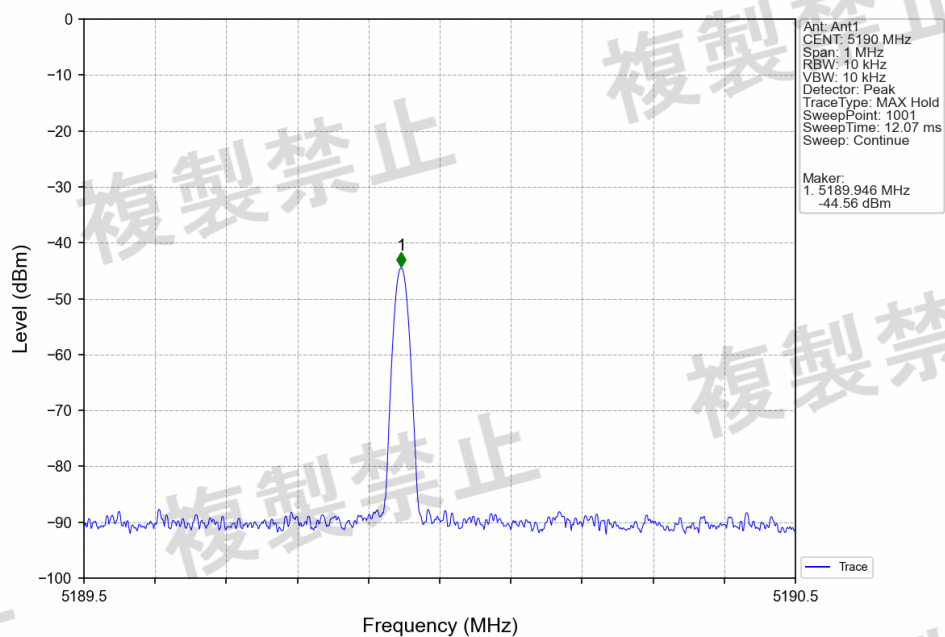
1.2.1 Ant1



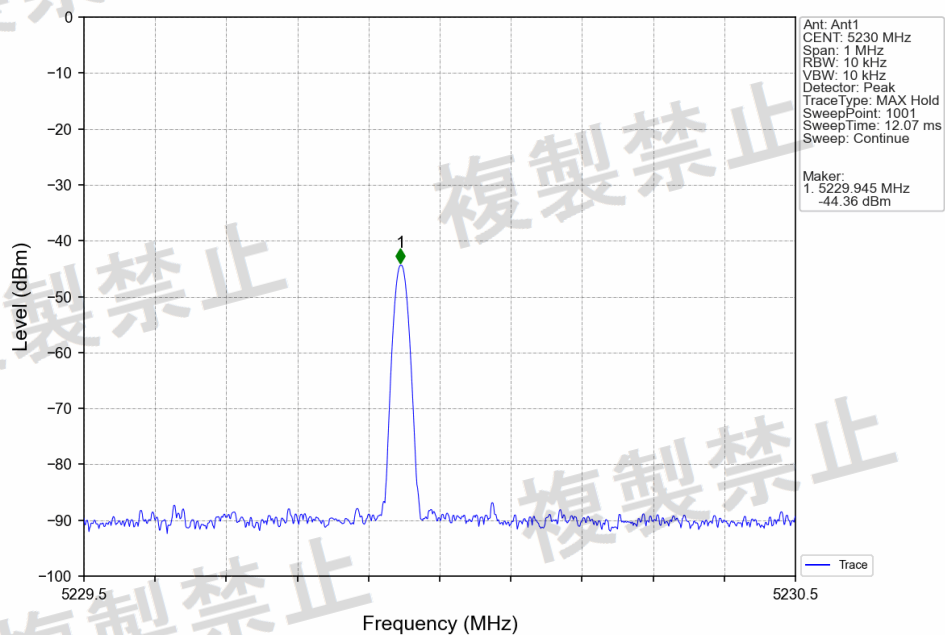
Carrier Wave HCH 5240MHz Ant1 NTNV



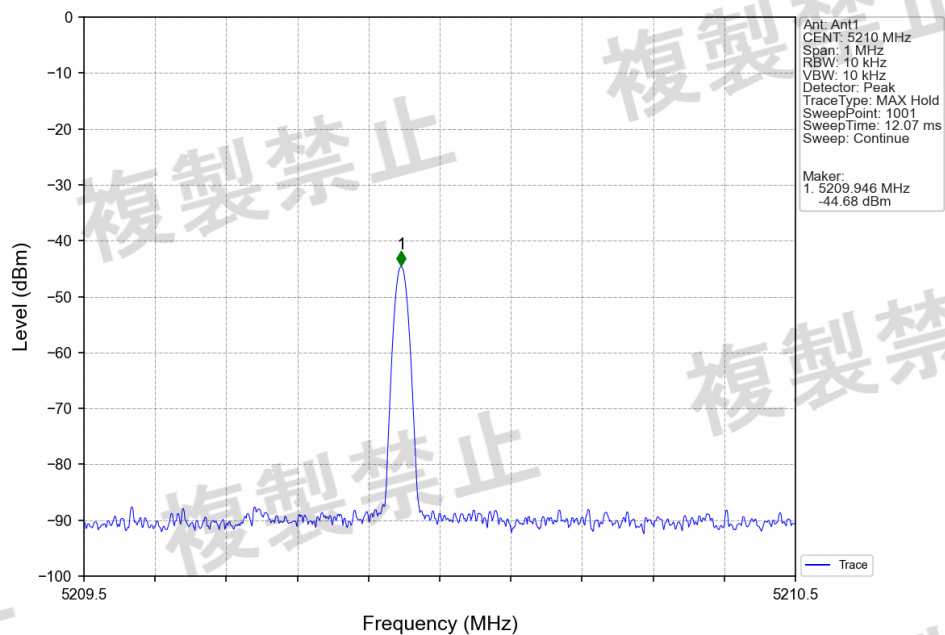
Carrier Wave LCH 5190MHz Ant1 NTNV



Carrier Wave HCH 5230MHz Ant1 NTNV



Carrier Wave MCH 5210MHz Ant1 NTNV



2. Occupied Bandwidth

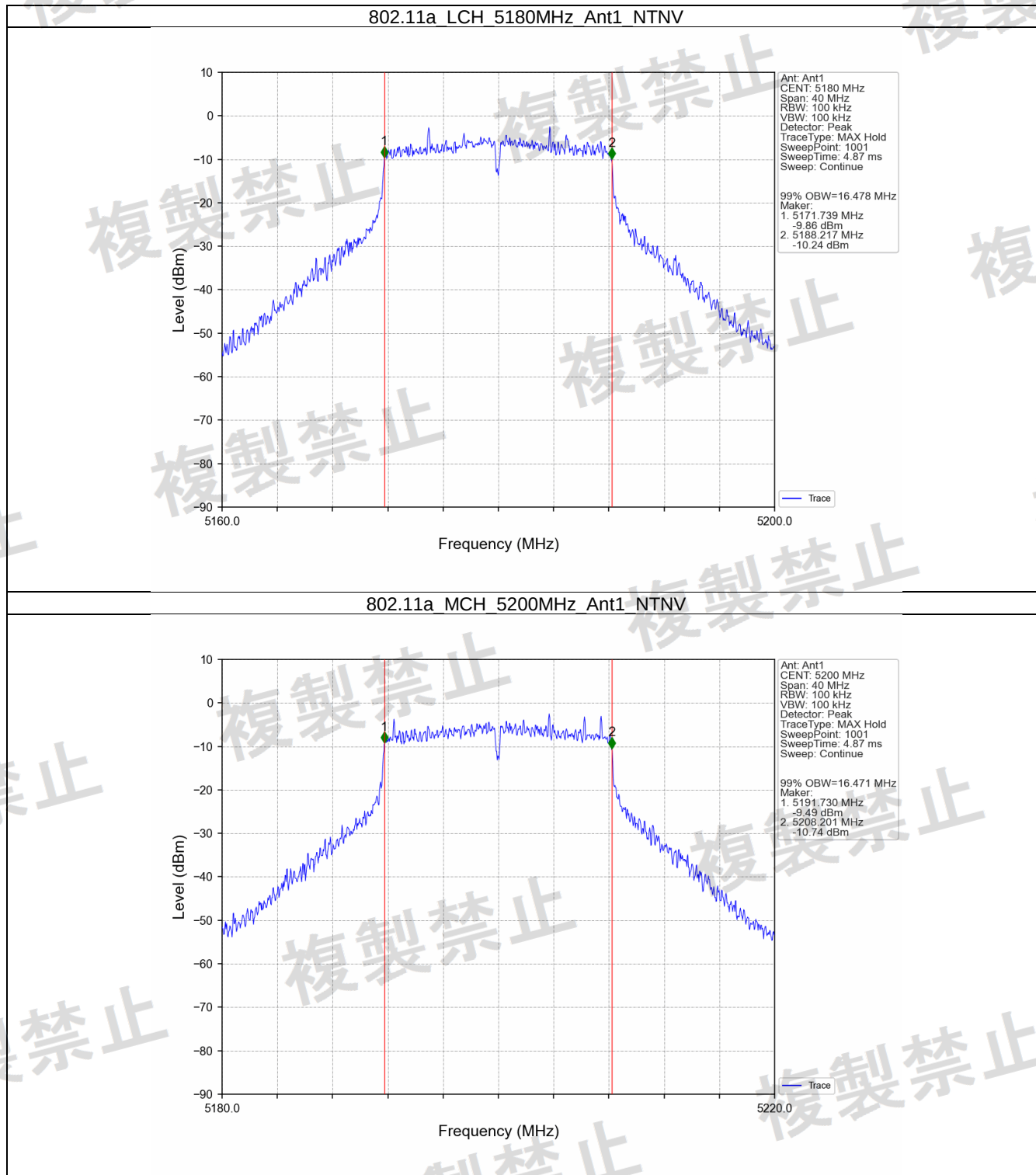
2.1 Test Result

2.1.1 OBW

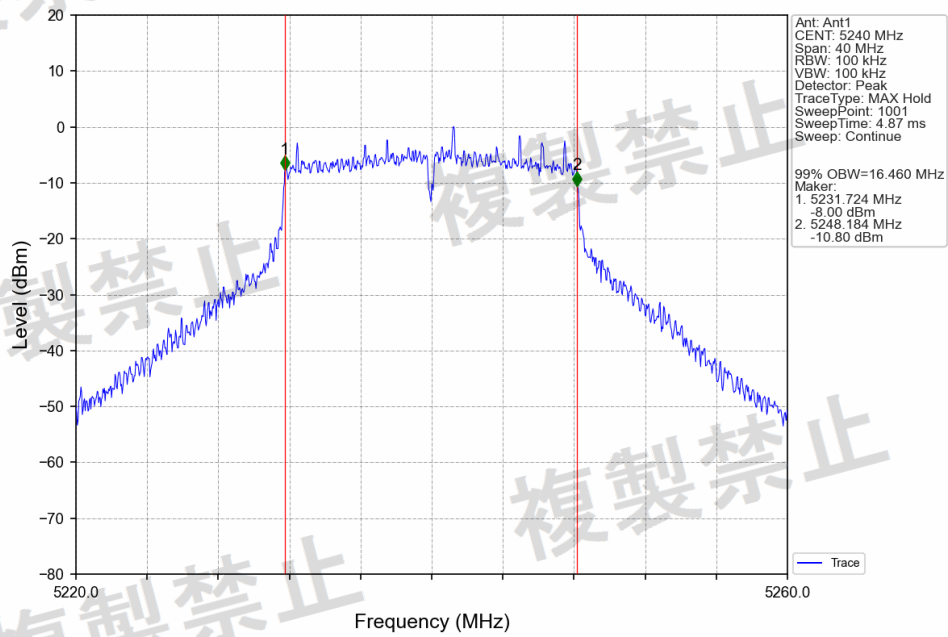
ENV	Mode	TX Type	Frequency (MHz)	99% Occupied Bandwidth (MHz)		Verdict
				ANT1	Limit	
NTNV	802.11a	SISO	5180	16.478	<=20	Pass
			5200	16.471	<=20	Pass
			5240	16.460	<=20	Pass
	802.11n (HT20)	SISO	5180	17.649	<=20	Pass
			5200	17.663	<=20	Pass
			5240	17.654	<=20	Pass
	802.11n (HT40)	SISO	5190	36.136	<=40	Pass
			5230	36.128	<=40	Pass
	802.11ac (VHT20)	SISO	5180	17.670	<=20	Pass
			5200	17.661	<=20	Pass
			5240	17.649	<=20	Pass
	802.11ac (VHT40)	SISO	5190	36.140	<=40	Pass
			5230	36.131	<=40	Pass
	802.11ac (VHT80)	SISO	5210	75.402	<=80	Pass

2.2 Test Graph

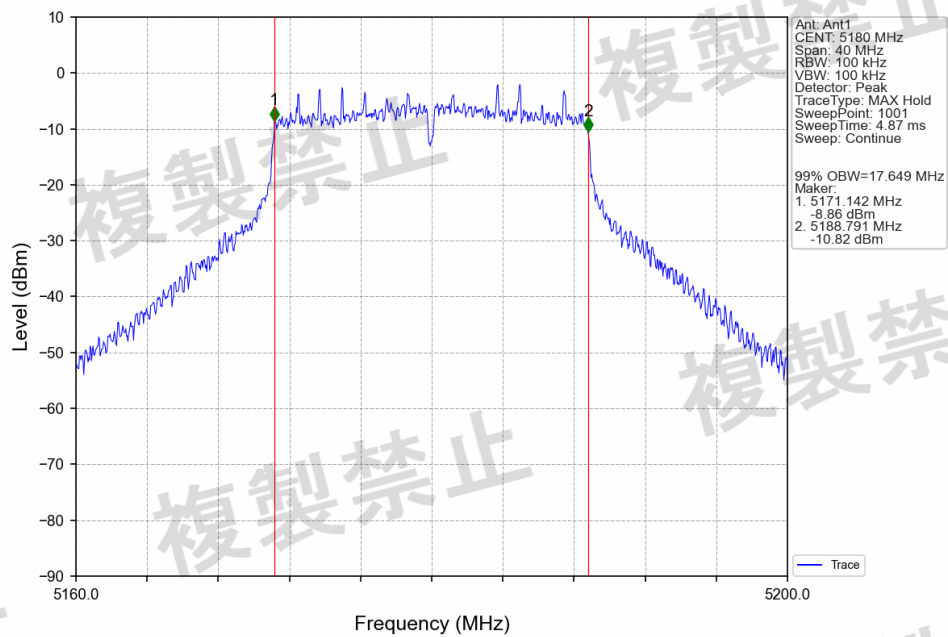
2.2.1 OBW



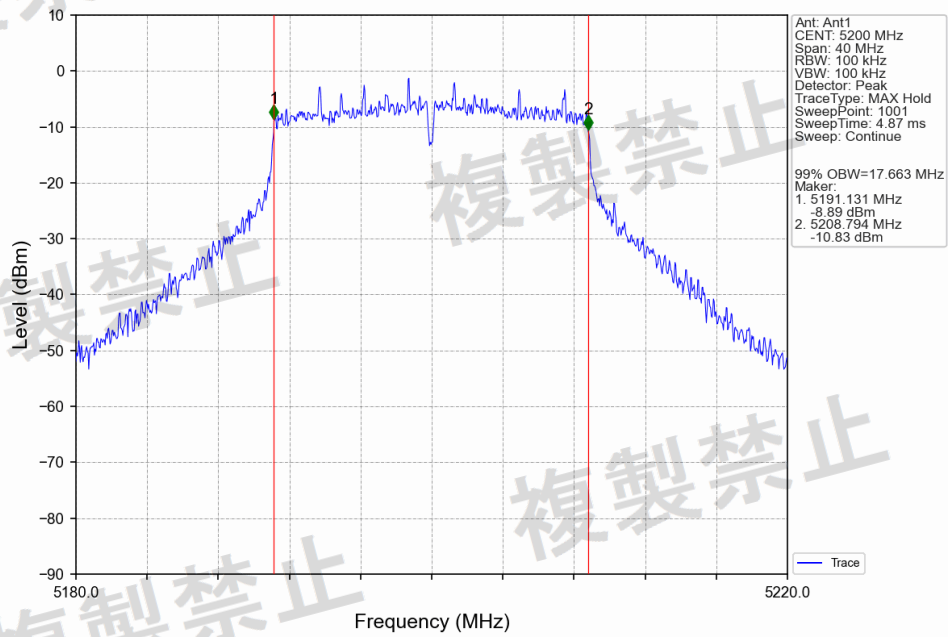
802.11a HCH 5240MHz Ant1 NTVN



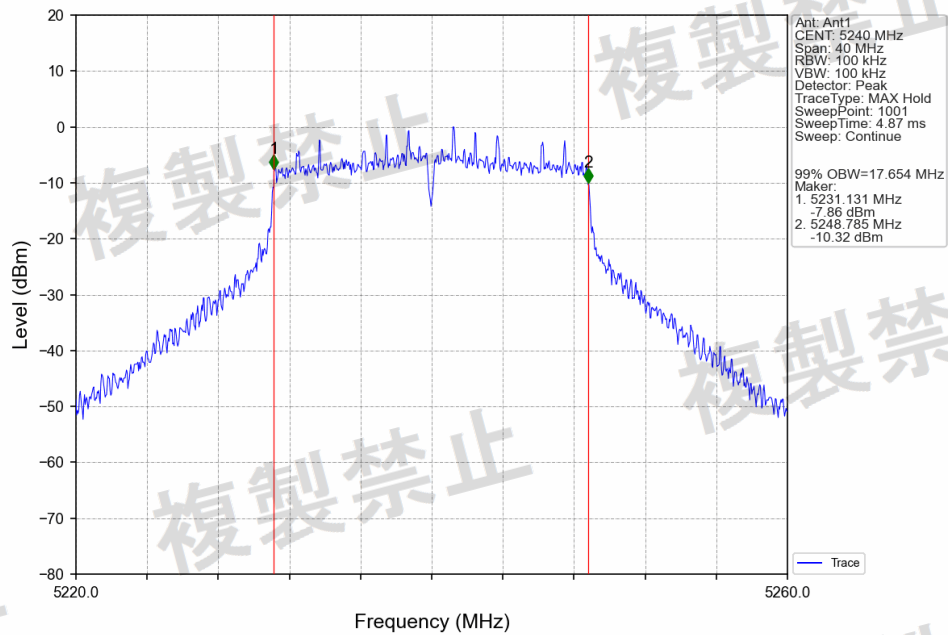
802.11n(HT20) LCH 5180MHz Ant1 NTVN



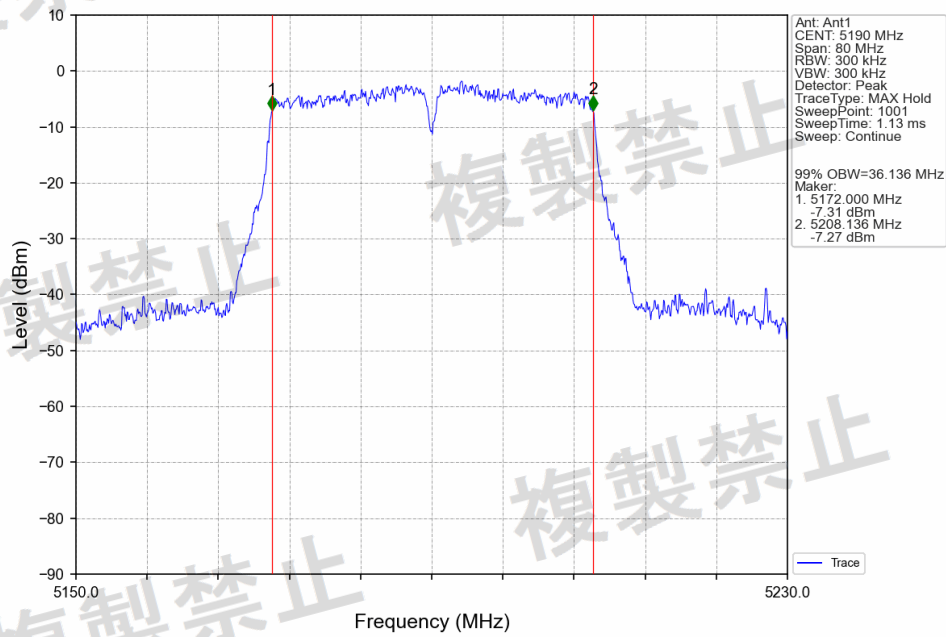
802.11n(HT20) MCH 5200MHz Ant1 NTV



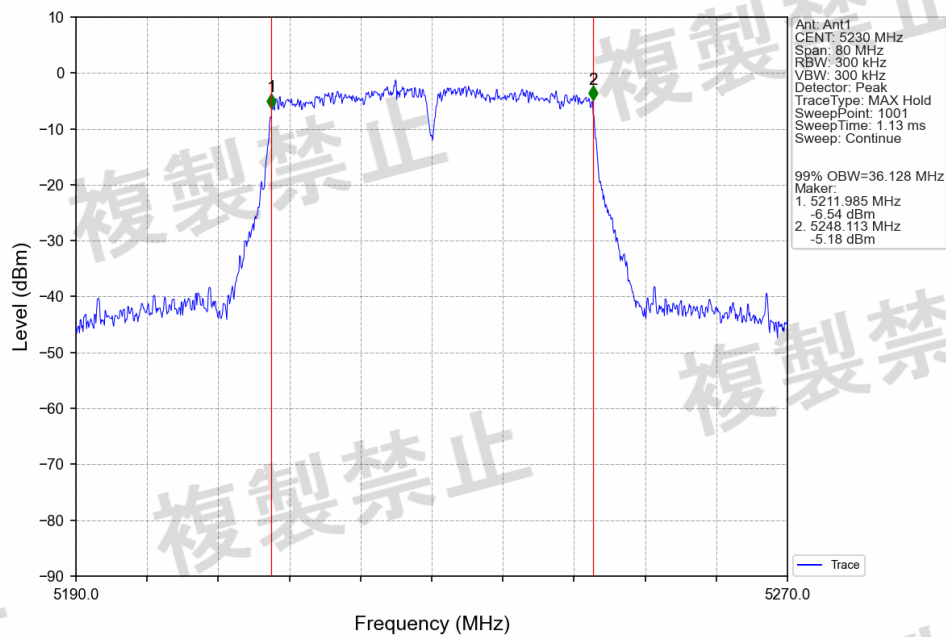
802.11n(HT20) HCH 5240MHz Ant1 NTV



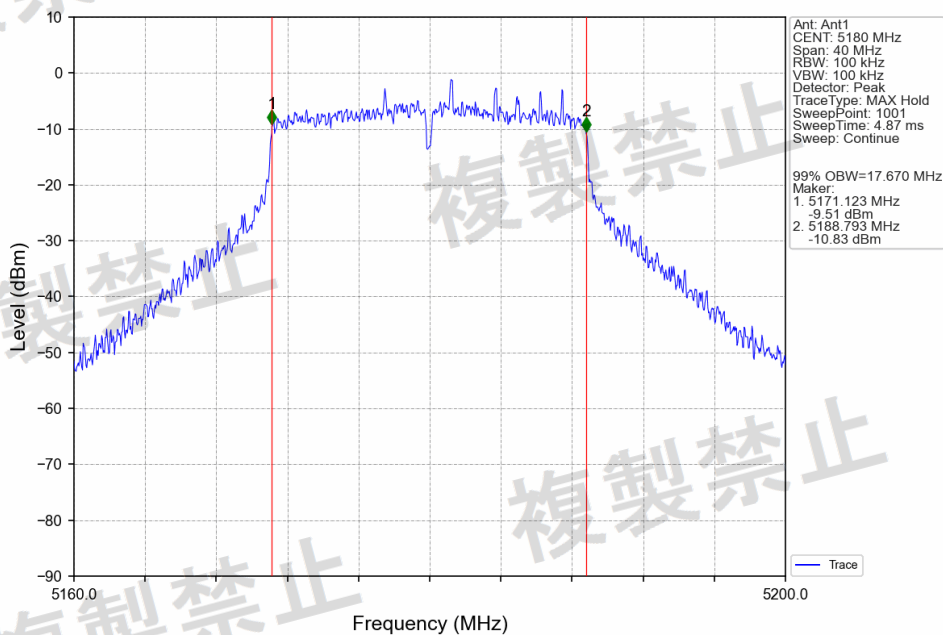
802.11n(HT40) LCH 5190MHz Ant1 NTV



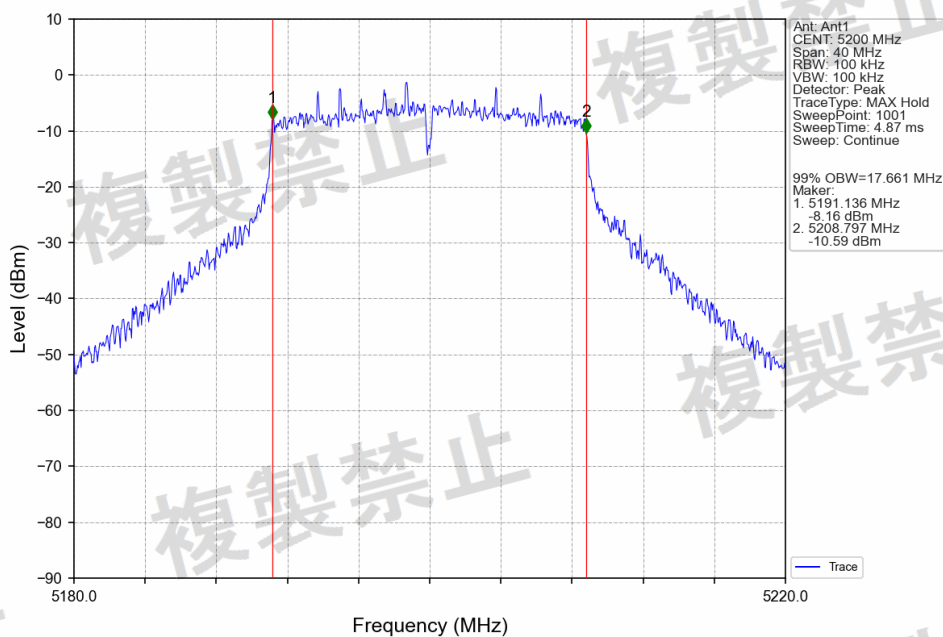
802.11n(HT40) HCH 5230MHz Ant1 NTV



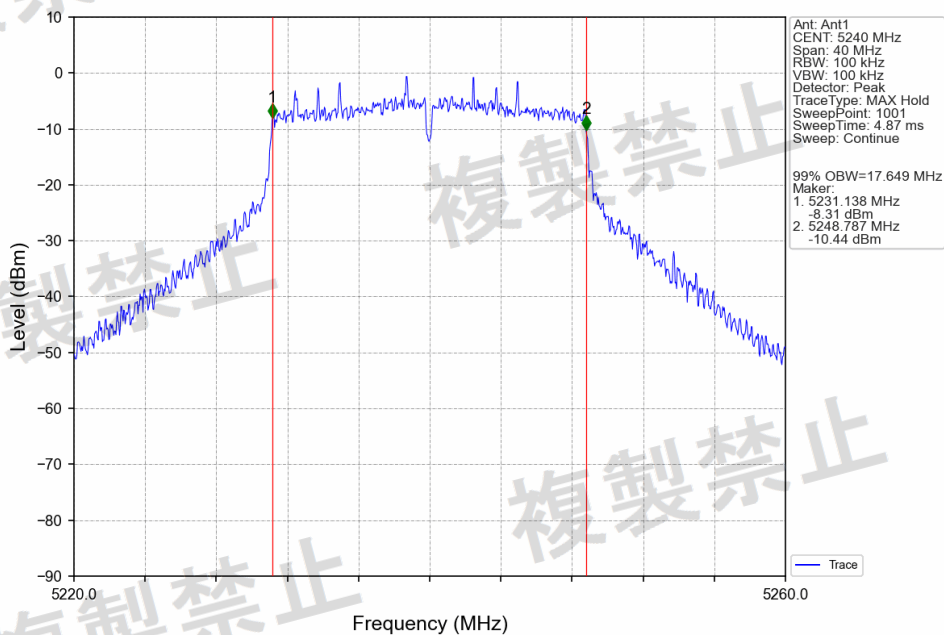
802.11ac(VHT20) LCH 5180MHz Ant1 NTVN



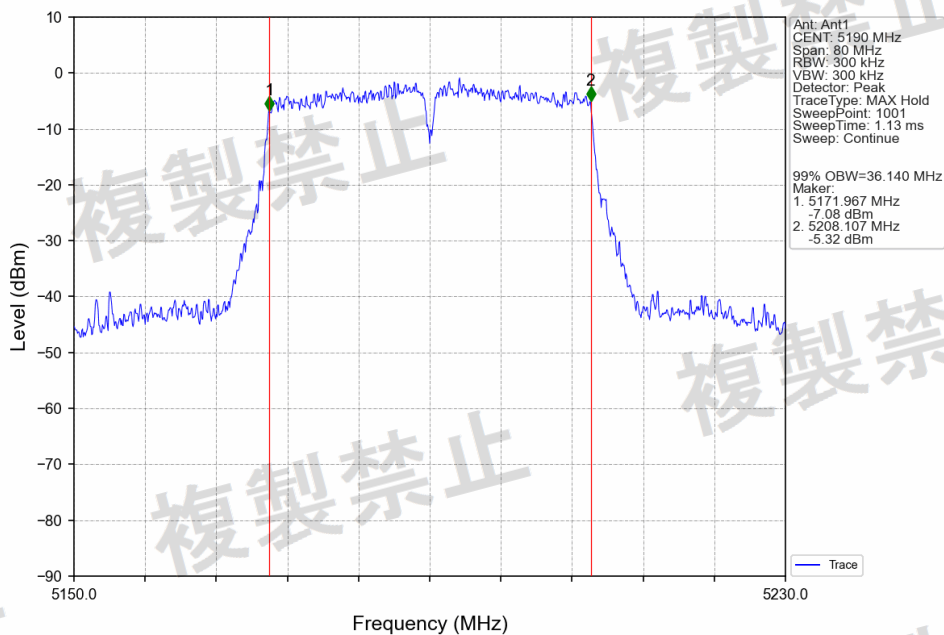
802.11ac(VHT20) MCH 5200MHz Ant1 NTVN



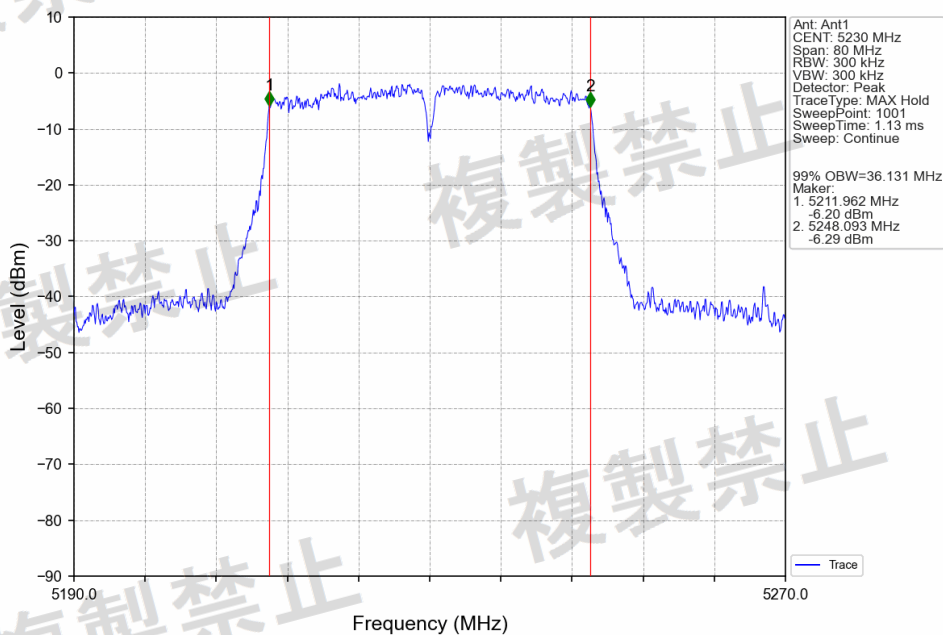
802.11ac(VHT20) HCH 5240MHz Ant1 NTV



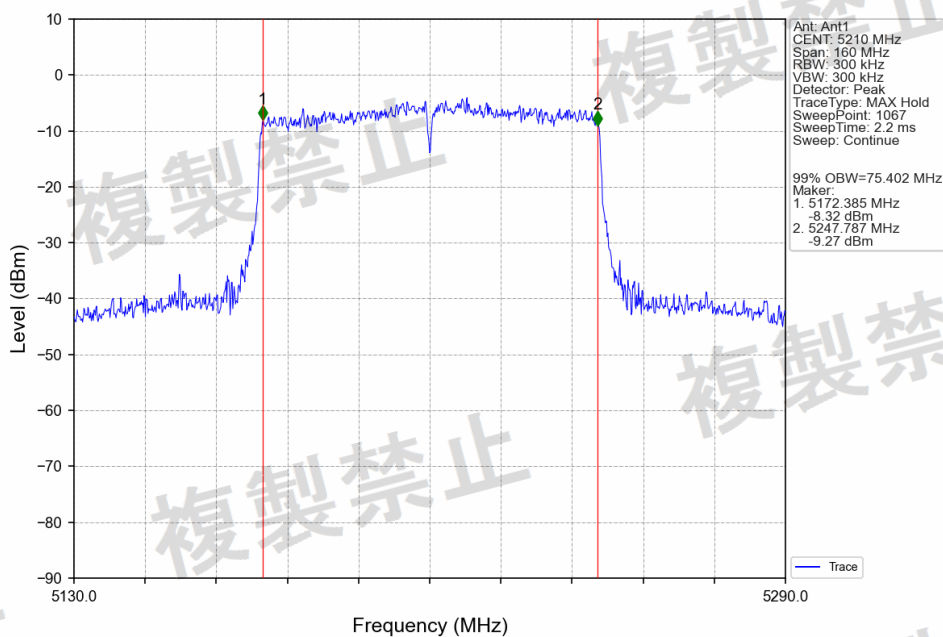
802.11ac(VHT40) LCH 5190MHz Ant1 NTV



802.11ac(VHT40) HCH 5230MHz Ant1 NTV



802.11ac(VHT80) MCH 5210MHz Ant1 NTV



3. Antenna Power

3.1 Test Result

3.1.1 Power_NTNV

NTNV										
Mode	TX Type	Frequency (MHz)	ANT	Antenna Power (dBm/MHz)	Antenna Power (mW/MHz)		Nominal Power (mW/MHz)	Tolerance (%)		Verdict
					Measured	Limit		Measured	Limit	
802.11a	SISO	5180	1	-1.979	0.634	<=2.00	1.00	-36.60	-80 to 20	Pass
		5200	1	-1.752	0.668	<=2.00	1.00	-33.20	-80 to 20	Pass
		5240	1	-1.232	0.753	<=2.00	1.00	-24.70	-80 to 20	Pass
802.11n (HT20)	SISO	5180	1	-2.708	0.536	<=2.00	1.00	-46.40	-80 to 20	Pass
		5200	1	-2.549	0.556	<=2.00	1.00	-44.40	-80 to 20	Pass
		5240	1	-1.720	0.673	<=2.00	1.00	-32.70	-80 to 20	Pass
802.11n (HT40)	SISO	5190	1	-4.283	0.373	<=1.00	0.50	-25.40	-80 to 20	Pass
		5230	1	-5.436	0.286	<=1.00	0.50	-42.80	-80 to 20	Pass
802.11ac (VHT20)	SISO	5180	1	-2.403	0.575	<=2.00	1.00	-42.50	-80 to 20	Pass
		5200	1	-2.457	0.568	<=2.00	1.00	-43.20	-80 to 20	Pass
		5240	1	-1.494	0.709	<=2.00	1.00	-29.10	-80 to 20	Pass
802.11ac (VHT40)	SISO	5190	1	-4.191	0.381	<=1.00	0.50	-23.80	-80 to 20	Pass
		5230	1	-3.883	0.409	<=1.00	0.50	-18.20	-80 to 20	Pass
802.11ac (VHT80)	SISO	5210	1	-7.190	0.191	<=0.50	0.25	-23.60	-80 to 20	Pass

3.1.2 EIRP_NTNV

NTNV								
Mode	TX Type	Frequency (MHz)	ANT	Antenna Power (dBm/MHz)	Gain (dBi)	EIRP (mW/MHz)		Verdict
						Result	Limit	
802.11a	SISO	5180	1	-1.979	2.65	1.167	<=2	Pass
		5200	1	-1.752	2.65	1.230	<=2	Pass
		5240	1	-1.232	2.65	1.386	<=2	Pass
802.11n (HT20)	SISO	5180	1	-2.708	2.65	0.987	<=2	Pass
		5200	1	-2.549	2.65	1.024	<=2	Pass
		5240	1	-1.720	2.65	1.239	<=2	Pass
802.11n (HT40)	SISO	5190	1	-4.283	2.65	0.687	<=1	Pass
		5230	1	-5.436	2.65	0.527	<=1	Pass
802.11ac (VHT20)	SISO	5180	1	-2.403	2.65	1.059	<=2	Pass
		5200	1	-2.457	2.65	1.045	<=2	Pass
		5240	1	-1.494	2.65	1.305	<=2	Pass
802.11ac (VHT40)	SISO	5190	1	-4.191	2.65	0.701	<=1	Pass
		5230	1	-3.883	2.65	0.753	<=1	Pass
802.11ac (VHT80)	SISO	5210	1	-7.190	2.65	0.352	<=0.5	Pass

4. Out Of Bands Leakage Power

4.1 Test Result

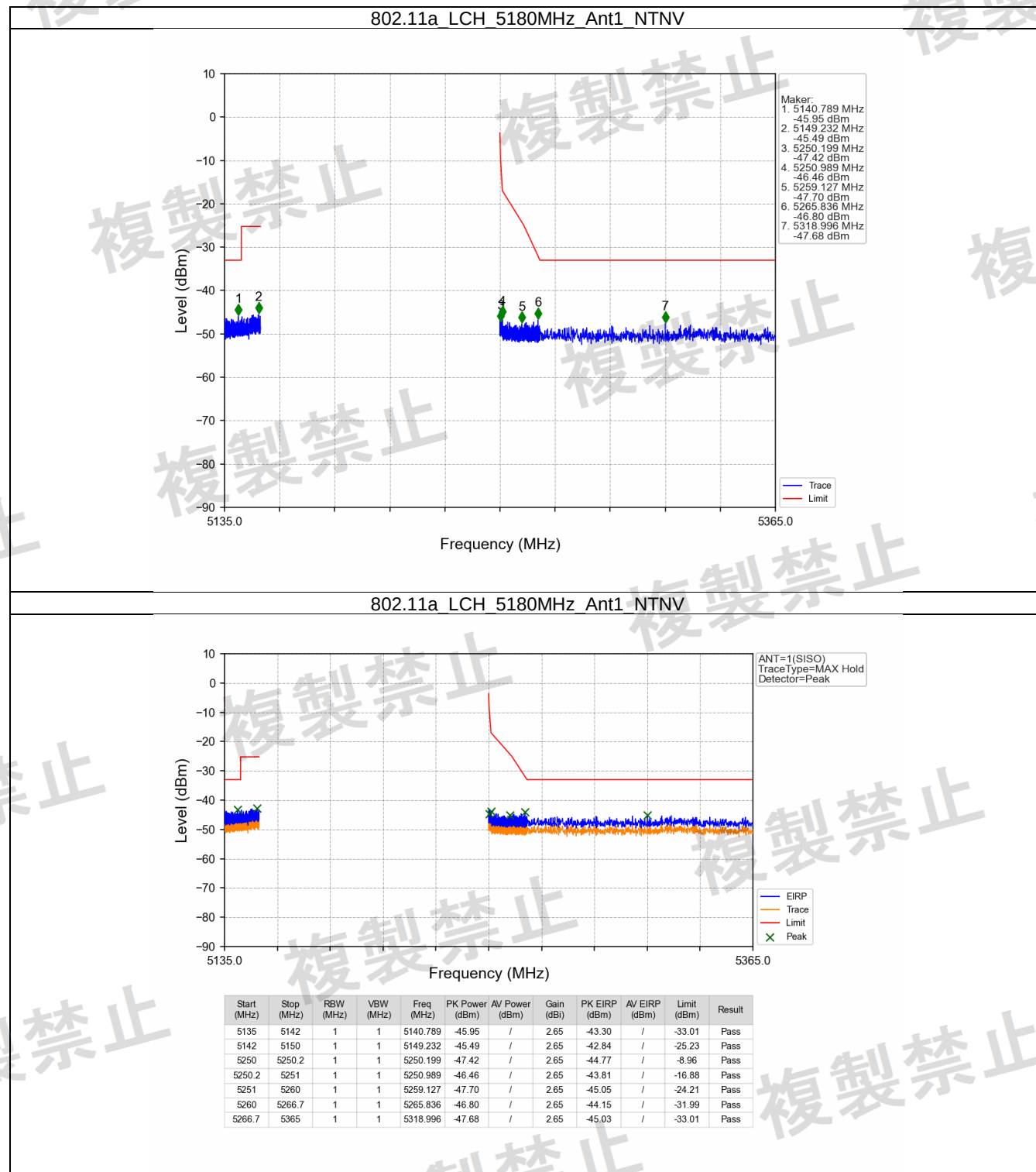
4.1.1 OOB_NTNV_SISO

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	5180	1	5135	5142	5140.789	-43.30	0.047	/	/	0.5	Pass
				5142	5150	5149.232	-42.84	0.052	/	/	3	Pass
				5250	5250.2	5250.199	-44.77	0.033	/	/	126.969	Pass
				5250.2	5251	5250.989	-43.81	0.042	/	/	20.513	Pass
				5251	5260	5259.127	-45.05	0.031	/	/	3.79	Pass
				5260	5266.7	5265.836	-44.15	0.038	/	/	0.632	Pass
				5266.7	5365	5318.996	-45.03	0.031	/	/	0.5	Pass
		5200	1	5135	5142	5141.195	-44.55	0.035	/	/	0.5	Pass
				5142	5150	5142.528	-44.29	0.037	/	/	3	Pass
				5250	5250.2	5250.2	-43.67	0.043	/	/	126.191	Pass
				5250.2	5251	5250.922	-43.01	0.050	/	/	23.935	Pass
				5251	5260	5259.901	-44.30	0.037	/	/	3.235	Pass
				5260	5266.7	5266.667	-45.18	0.030	/	/	0.502	Pass
				5266.7	5365	5353.597	-44.23	0.038	/	/	0.5	Pass
		5240	1	5135	5142	5138.43	-45.10	0.031	/	/	0.5	Pass
				5142	5150	5145	-45.66	0.027	/	/	3	Pass
				5250	5250.2	5250.196	-8.19	151.705	-31.20	0.759	129.329	Pass
				5250.2	5251	5250.977	-10.96	80.168	-25.06	3.119	21.088	Pass
				5251	5260	5251.972	-14.31	37.068	-27.61	1.734	16.392	Pass
				5260	5266.7	5261.34	-35.73	0.267	/	/	2.189	Pass
				5266.7	5365	5267.88	-42.38	0.058	/	/	0.5	Pass
802.11n (HT20)	SISO	5180	1	5135	5142	5135.245	-44.02	0.040	/	/	0.5	Pass
				5142	5150	5148.184	-42.83	0.052	/	/	3	Pass
				5250	5250.2	5250.197	-44.54	0.035	/	/	128.538	Pass
				5250.2	5251	5250.941	-44.73	0.034	/	/	22.91	Pass
				5251	5260	5259.811	-45.71	0.027	/	/	3.295	Pass
				5260	5266.7	5266.573	-46.20	0.024	/	/	0.516	Pass
				5266.7	5365	5286.262	-44.38	0.036	/	/	0.5	Pass
		5200	1	5135	5142	5135.224	-44.80	0.033	/	/	0.5	Pass
				5142	5150	5149.2	-43.98	0.040	/	/	3	Pass
				5250	5250.2	5250.185	-43.37	0.046	/	/	138.366	Pass
				5250.2	5251	5250.997	-43.55	0.044	/	/	20.139	Pass
				5251	5260	5259.883	-44.83	0.033	/	/	3.247	Pass
				5260	5266.7	5266.687	-44.71	0.034	/	/	0.5	Pass
				5266.7	5365	5268.764	-44.73	0.034	/	/	0.5	Pass
		5240	1	5135	5142	5141.839	-44.80	0.033	/	/	0.5	Pass
				5142	5150	5144.28	-45.64	0.027	/	/	3	Pass
				5250	5250.2	5250.193	-5.66	271.644	-21.12	7.727	131.734	Pass
				5250.2	5251	5250.98	-9.88	102.802	-23.80	4.169	20.943	Pass
				5251	5260	5252.008	-11.87	65.013	-26.85	2.065	16.272	Pass
				5260	5266.7	5266.526	-42.22	0.060	/	/	0.522	Pass
				5266.7	5365	5266.7	-43.26	0.047	/	/	0.5	Pass
802.11n (HT40)	SISO	5190	1	5100	5141.6	5141.35	-38.96	0.127	/	/	0.5	Pass
				5141.6	5150	5148.9	-35.07	0.311	/	/	3	Pass
				5250	5251	5250.781	-30.79	0.834	/	/	16.558	Pass
				5251	5270	5267.245	-45.05	0.031	/	/	2.07	Pass
				5270	5278.4	5278.333	-46.55	0.022	/	/	0.501	Pass
				5278.4	5400	5284.48	-47.01	0.020	/	/	3	Pass

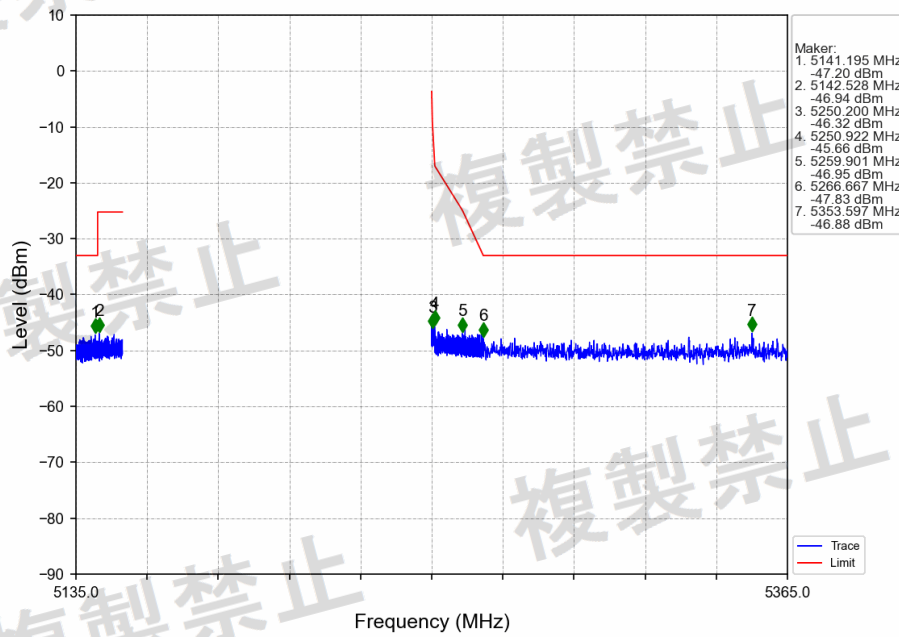
		5230	1	5100	5141.6	5135.651	-44.66	0.034	/	/	0.5	Pass
				5141.6	5150	5148.656	-43.87	0.041	/	/	3	Pass
				5250	5251	5250.883	-16.33	23.281	-30.60	0.871	13.092	Pass
				5251	5270	5251.247	-19.72	10.666	-40.39	0.091	9.763	Pass
				5270	5278.4	5278.19	-36.62	0.218	/	/	0.511	Pass
				5278.4	5400	5278.886	-39.80	0.105	/	/	3	Pass
				5135	5142	5138.934	-43.22	0.048	/	/	0.5	Pass
802.11ac (VHT20)	SISO	5180	1	5142	5150	5148.488	-42.85	0.052	/	/	3	Pass
				5250	5250.2	5250.148	-43.52	0.044	/	/	173.659	Pass
				5250.2	5251	5250.979	-44.38	0.036	/	/	20.991	Pass
				5251	5260	5259.622	-44.89	0.032	/	/	3.425	Pass
				5260	5266.7	5266.6	-45.78	0.026	/	/	0.512	Pass
				5266.7	5365	5279.676	-44.79	0.033	/	/	0.5	Pass
				5135	5142	5139.893	-43.91	0.041	/	/	0.5	Pass
		5200	1	5142	5150	5149.912	-44.21	0.038	/	/	3	Pass
				5250	5250.2	5250.188	-43.09	0.049	/	/	135.841	Pass
				5250.2	5251	5250.969	-43.76	0.042	/	/	21.48	Pass
				5251	5260	5259.19	-44.50	0.035	/	/	3.741	Pass
				5260	5266.7	5266.023	-44.53	0.035	/	/	0.6	Pass
				5266.7	5365	5288.424	-44.75	0.033	/	/	0.5	Pass
				5135	5142	5136.505	-45.78	0.026	/	/	0.5	Pass
		5240	1	5142	5150	5148.728	-45.92	0.026	/	/	3	Pass
				5250	5250.2	5250.177	-4.64	343.558	-20.77	8.375	145.333	Pass
				5250.2	5251	5250.994	-9.34	116.413	-23.87	4.102	20.278	Pass
				5251	5260	5251.081	-11.62	68.865	-24.24	3.767	19.671	Pass
				5260	5266.7	5261.193	-34.40	0.363	/	/	2.28	Pass
				5266.7	5365	5271.812	-42.58	0.055	/	/	0.5	Pass
				5100	5141.6	5141.226	-40.73	0.085	/	/	0.5	Pass
802.11ac (VHT40)	SISO	5190	1	5141.6	5150	5149.975	-33.82	0.415	/	/	3	Pass
				5250	5251	5250.975	-45.32	0.029	/	/	10.593	Pass
				5251	5270	5269.354	-46.78	0.021	/	/	1.687	Pass
				5270	5278.4	5278.03	-47.38	0.018	/	/	0.523	Pass
				5278.4	5400	5283.75	-47.56	0.018	/	/	3	Pass
		5230	1	5100	5141.6	5125.21	-44.80	0.033	/	/	0.5	Pass
				5141.6	5150	5145.934	-44.47	0.036	/	/	3	Pass
				5250	5251	5250.901	-16.56	22.080	-30.51	0.889	12.56	Pass
				5251	5270	5251.152	-20.24	9.462	/	/	9.854	Pass
				5270	5278.4	5276.544	-35.39	0.289	/	/	0.642	Pass
802.11ac (VHT80)	SISO	5210	1	5278.4	5400	5278.886	-38.77	0.133	/	/	3	Pass
				5020	5123.2	5121.962	-34.89	0.324	/	/	0.5	Pass
				5123.2	5150	5144.292	-29.80	1.047	/	/	3	Pass
				5250	5251	5251	-17.63	17.258	-33.94	0.404	5	Pass
				5251	5290	5251.858	-18.77	13.274	-36.50	0.224	4.801	Pass
				5290	5296.7	5291.762	-31.49	0.710	-48.67	0.014	0.702	Pass
				5296.7	5480	5296.883	-34.43	0.361	/	/	0.5	Pass

4.2 Test Graph

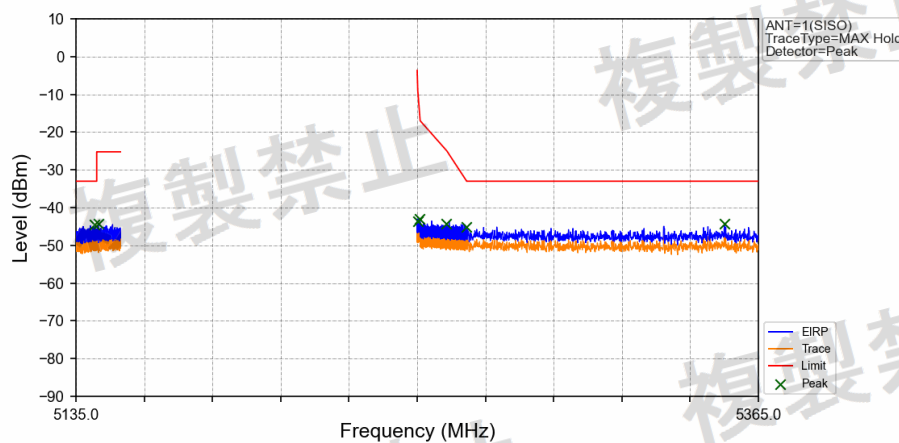
4.2.1 OOB_NTNV_SISO



802.11a MCH 5200MHz Ant1 NTV

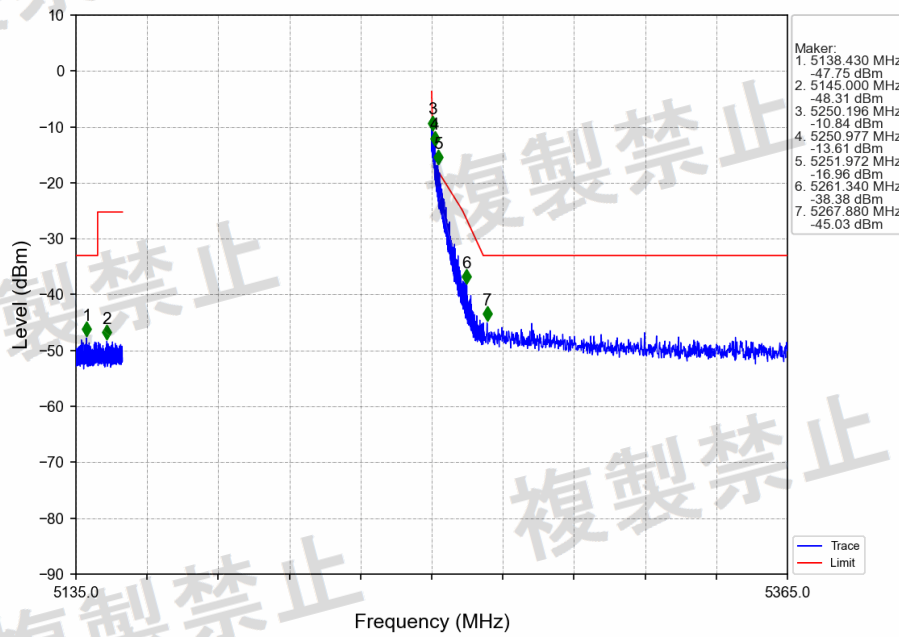


802.11a MCH 5200MHz Ant1 NTV

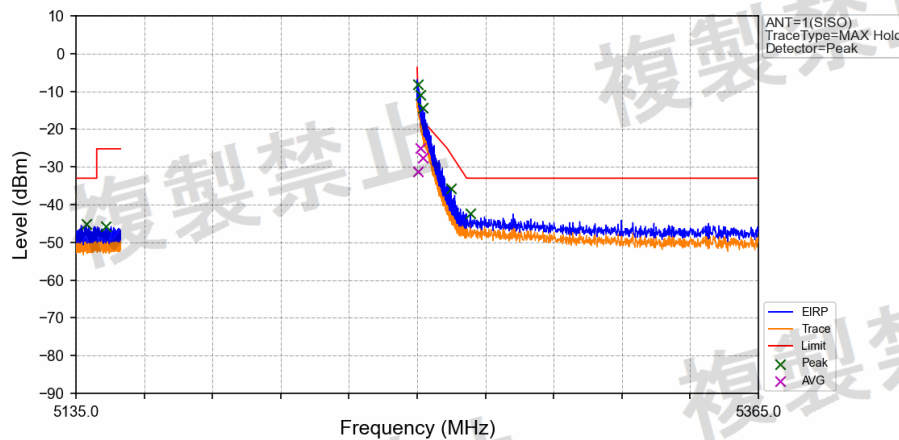


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
5135	5142	1	1	5141.195	-47.20	/	2.65	-44.55	/	-33.01	Pass
5142	5150	1	1	5142.528	-46.94	/	2.65	-44.29	/	-25.23	Pass
5250	5250.2	1	1	5250.200	-46.32	/	2.65	-43.67	/	-8.99	Pass
5250.2	5251	1	1	5250.922	-45.66	/	2.65	-43.01	/	-16.21	Pass
5251	5260	1	1	5259.901	-46.95	/	2.65	-44.30	/	-24.9	Pass
5260	5266.7	1	1	5266.667	-47.83	/	2.65	-45.18	/	-32.99	Pass
5266.7	5365	1	1	5353.597	-46.88	/	2.65	-44.23	/	-33.01	Pass

802.11a HCH 5240MHz Ant1 NTVN

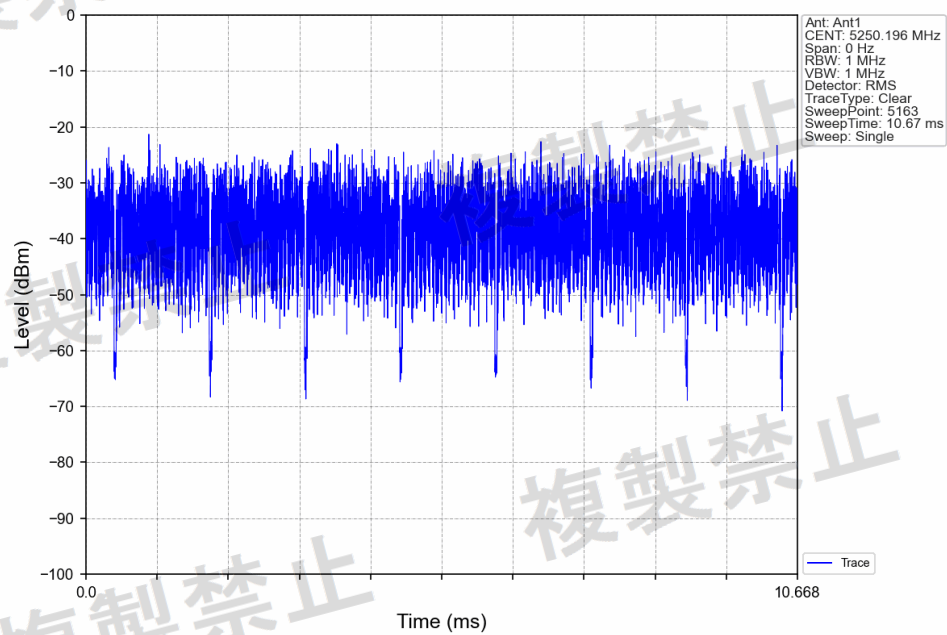


802.11a HCH 5240MHz Ant1 NTVN

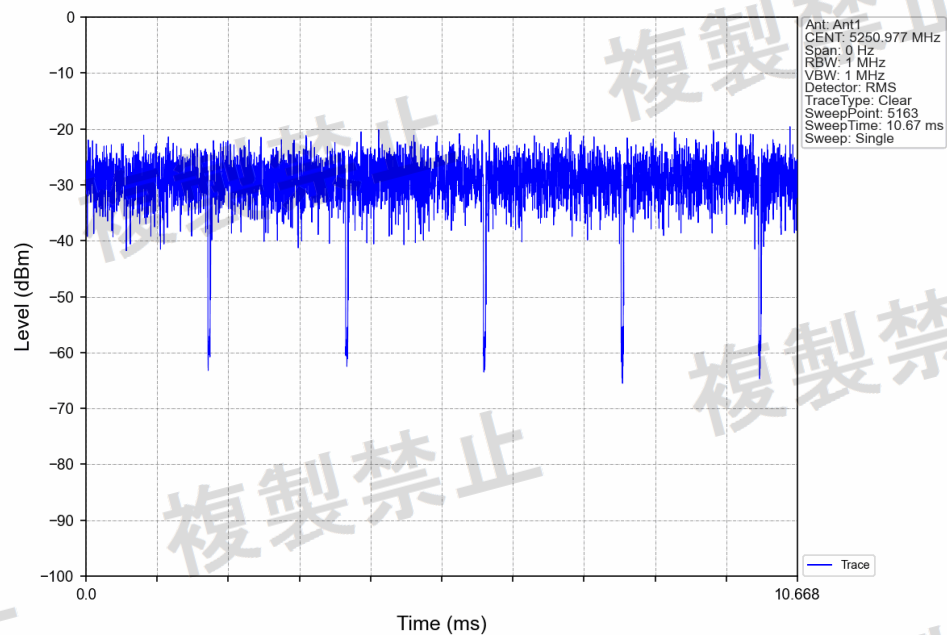


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
5135	5142	1	1	5138.430	-47.75	/	2.65	-45.10	/	-33.01	Pass
5142	5150	1	1	5145.000	-48.31	/	2.65	-45.66	/	-25.23	Pass
5250	5250.2	1	1	5250.196	-10.84	-33.85	2.65	-8.19	-31.20	-8.88	Pass
5250.2	5251	1	1	5250.977	-13.61	-27.71	2.65	-10.96	-25.06	-16.76	Pass
5251	5260	1	1	5251.972	-16.96	-30.26	2.65	-14.31	-27.61	-17.85	Pass
5260	5266.7	1	1	5261.340	-38.38	/	2.65	-35.73	/	-26.6	Pass
5266.7	5365	1	1	5267.880	-45.03	/	2.65	-42.38	/	-33.01	Pass

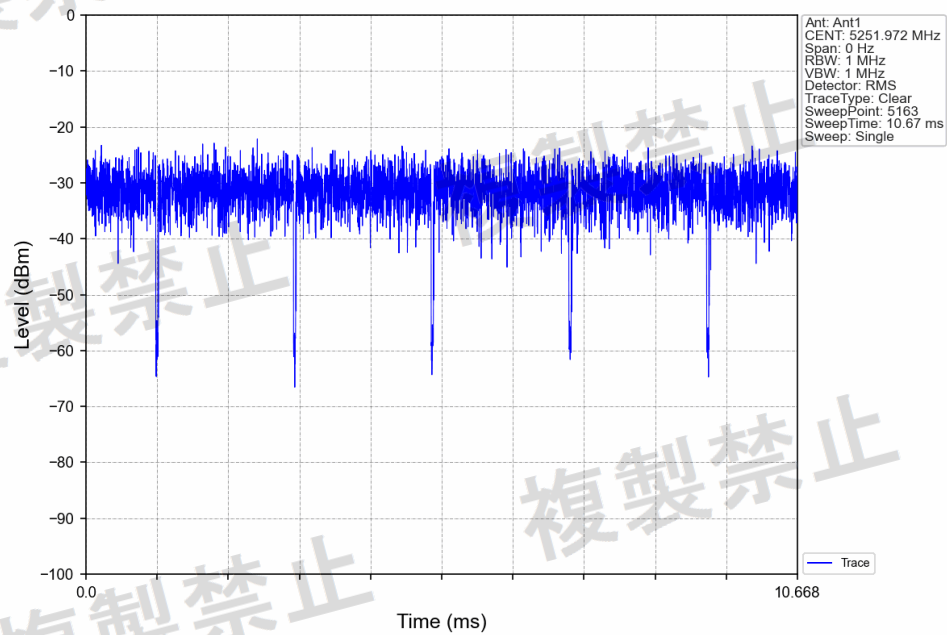
802.11a HCH 5240MHz Ant1 NTVN



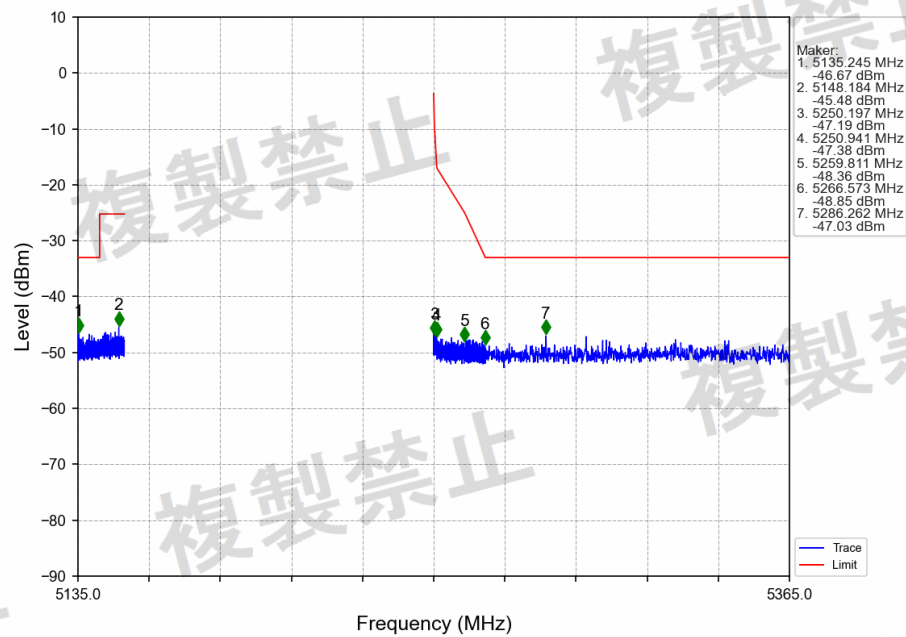
802.11a HCH 5240MHz Ant1 NTVN



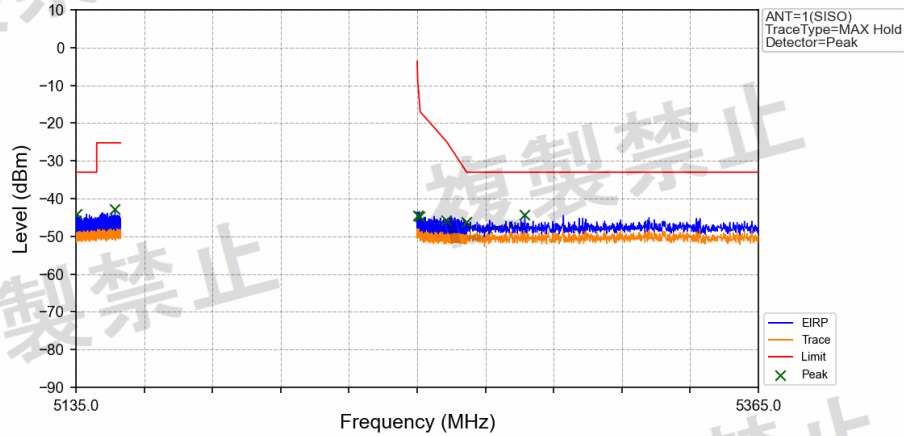
802.11a HCH 5240MHz Ant1 NTV



802.11n(HT20) LCH 5180MHz Ant1 NTV

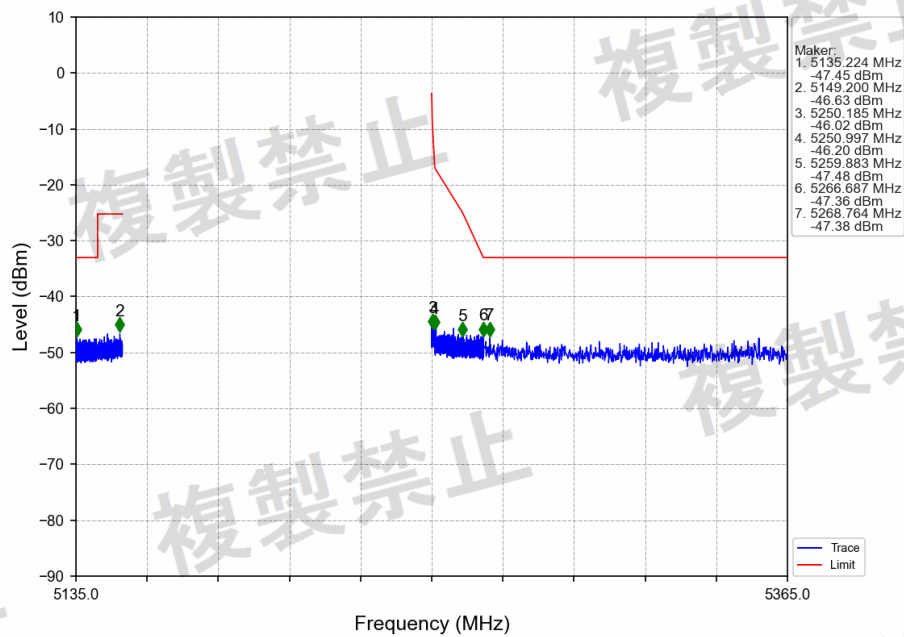


802.11n(HT20) LCH 5180MHz Ant1 NTV

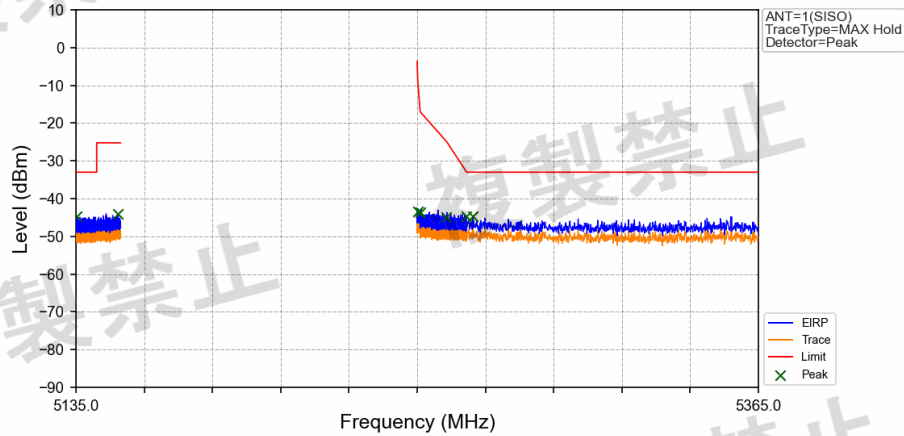


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
5135	5142	1	1	5135.245	-46.67	/	2.65	-44.02	/	-33.01	Pass
5142	5150	1	1	5148.184	-45.48	/	2.65	-42.83	/	-25.23	Pass
5250	5250.2	1	1	5250.197	-47.19	/	2.65	-44.54	/	-8.91	Pass
5250.2	5251	1	1	5250.941	-47.38	/	2.65	-44.73	/	-16.4	Pass
5251	5260	1	1	5259.811	-48.36	/	2.65	-45.71	/	-24.82	Pass
5260	5266.7	1	1	5266.573	-48.85	/	2.65	-46.20	/	-32.87	Pass
5266.7	5365	1	1	5286.262	-47.03	/	2.65	-44.38	/	-33.01	Pass

802.11n(HT20) MCH 5200MHz Ant1 NTV

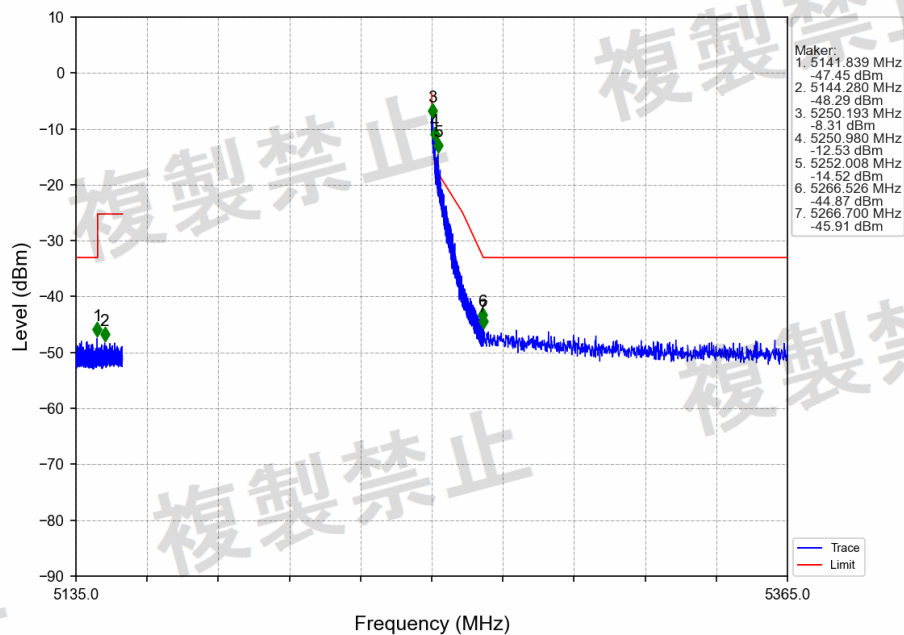


802.11n(HT20) MCH 5200MHz Ant1 NTV

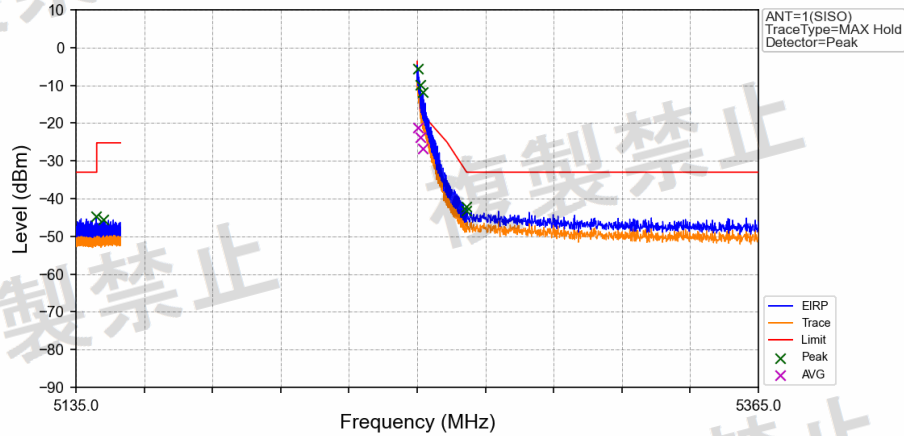


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
5135	5142	1	1	5135.224	-47.45	/	2.65	-44.80	/	-33.01	Pass
5142	5150	1	1	5149.200	-46.63	/	2.65	-43.98	/	-25.23	Pass
5250	5250.2	1	1	5250.185	-46.02	/	2.65	-43.37	/	-8.59	Pass
5250.2	5251	1	1	5250.997	-46.20	/	2.65	-43.55	/	-16.96	Pass
5251	5260	1	1	5259.883	-47.48	/	2.65	-44.83	/	-24.89	Pass
5260	5266.7	1	1	5266.687	-47.36	/	2.65	-44.71	/	-33.01	Pass
5266.7	5365	1	1	5268.764	-47.38	/	2.65	-44.73	/	-33.01	Pass

802.11n(HT20) HCH 5240MHz Ant1 NTV

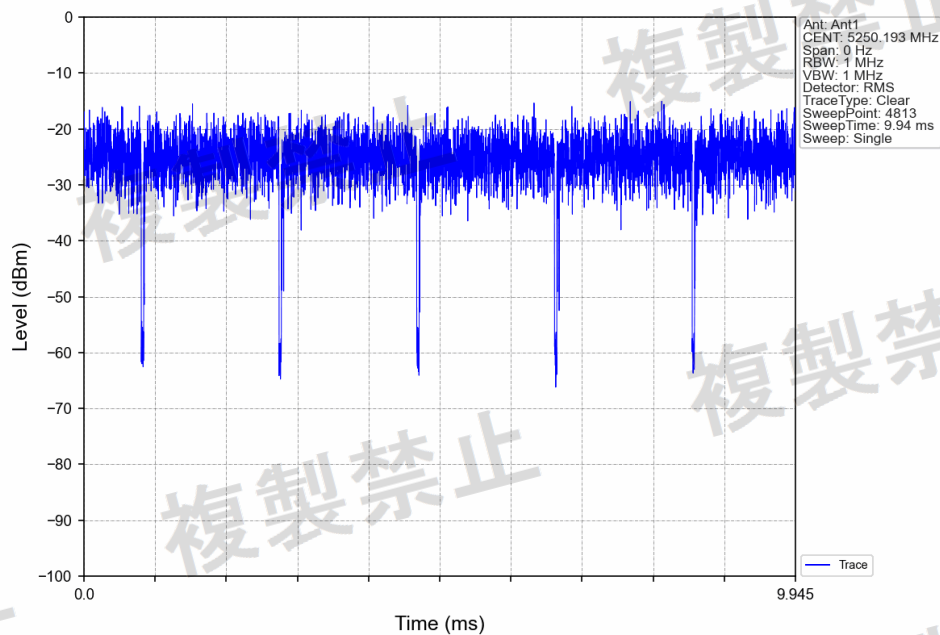


802.11n(HT20) HCH 5240MHz Ant1 NTV

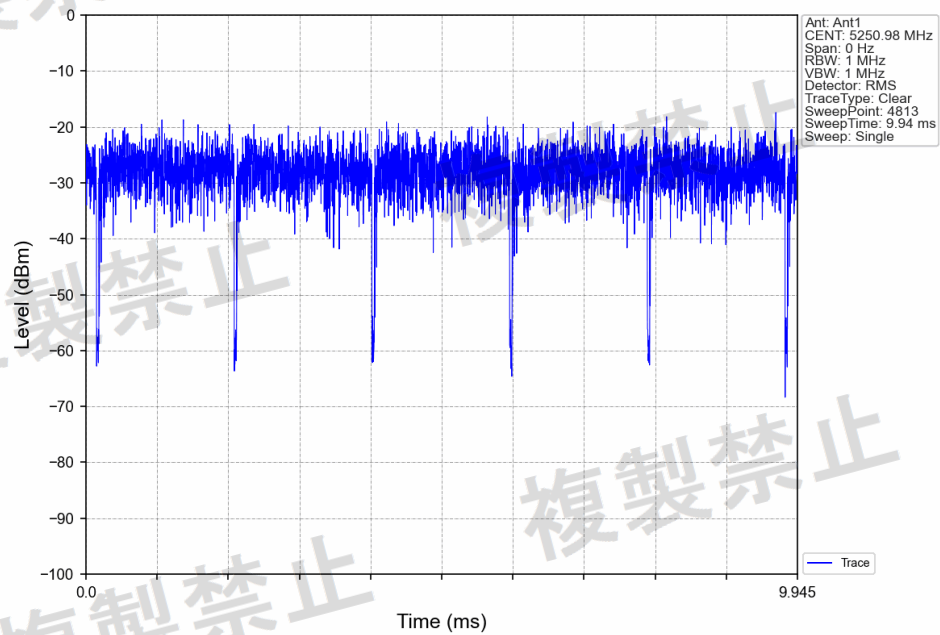


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
5135	5142	1	1	5141.839	-47.45	/	2.65	-44.80	/	-33.01	Pass
5142	5150	1	1	5144.280	-48.29	/	2.65	-45.64	/	-25.23	Pass
5250	5250.2	1	1	5250.193	-8.31	-23.77	2.65	-5.66	-21.12	-8.8	Pass
5250.2	5251	1	1	5250.980	-12.53	-26.45	2.65	-9.88	-23.80	-16.79	Pass
5251	5260	1	1	5252.008	-14.52	-29.50	2.65	-11.87	-26.85	-17.89	Pass
5260	5266.7	1	1	5266.526	-44.87	/	2.65	-42.22	/	-32.82	Pass
5266.7	5365	1	1	5266.700	-45.91	/	2.65	-43.26	/	-33.01	Pass

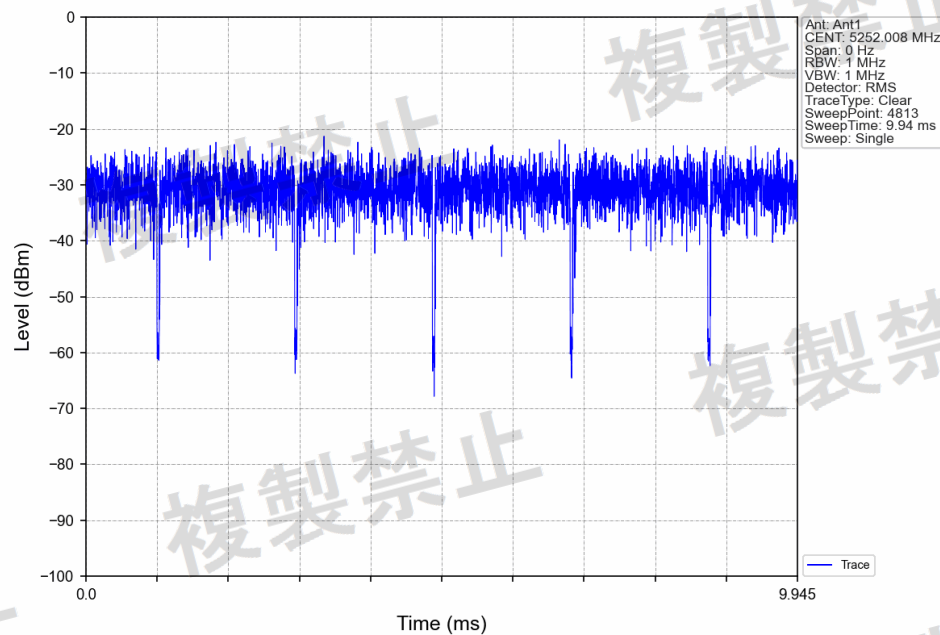
802.11n(HT20) HCH 5240MHz Ant1 NTV



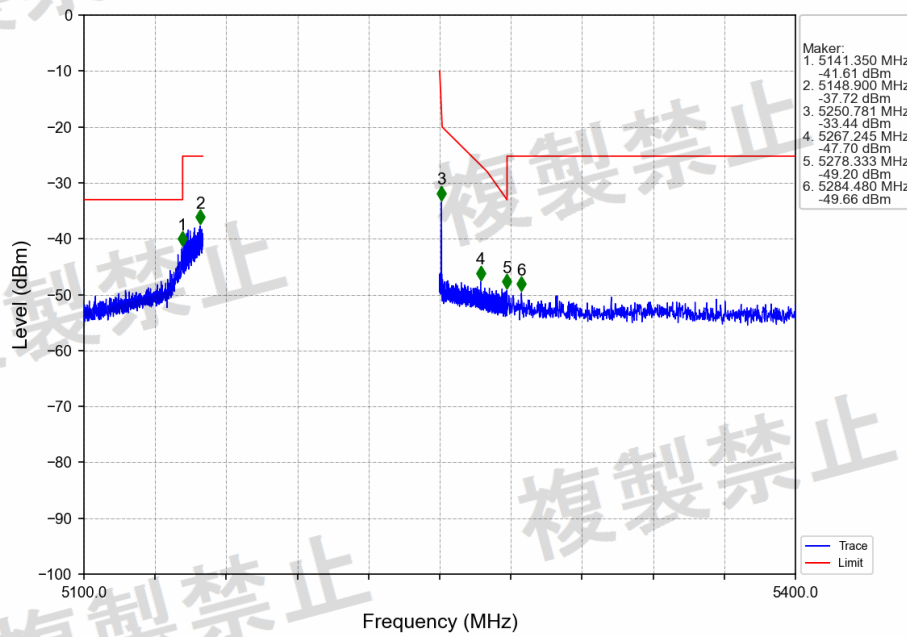
802.11n(HT20) HCH 5240MHz Ant1 NTV



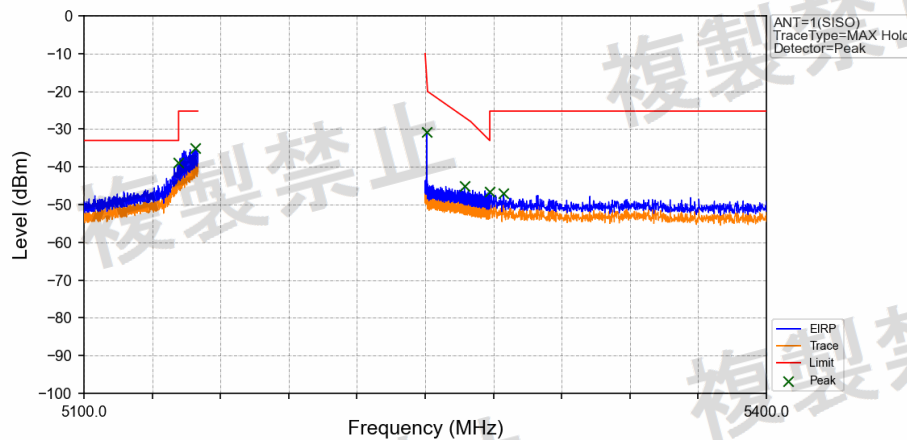
802.11n(HT20) HCH 5240MHz Ant1 NTV



802.11n(HT40) LCH 5190MHz Ant1 NTV

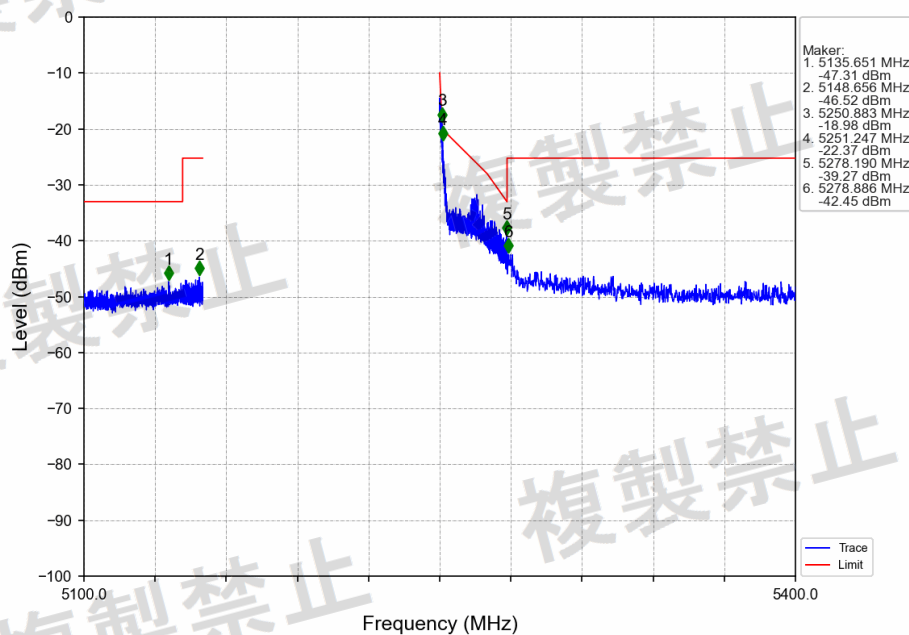


802.11n(HT40) LCH 5190MHz Ant1 NTV

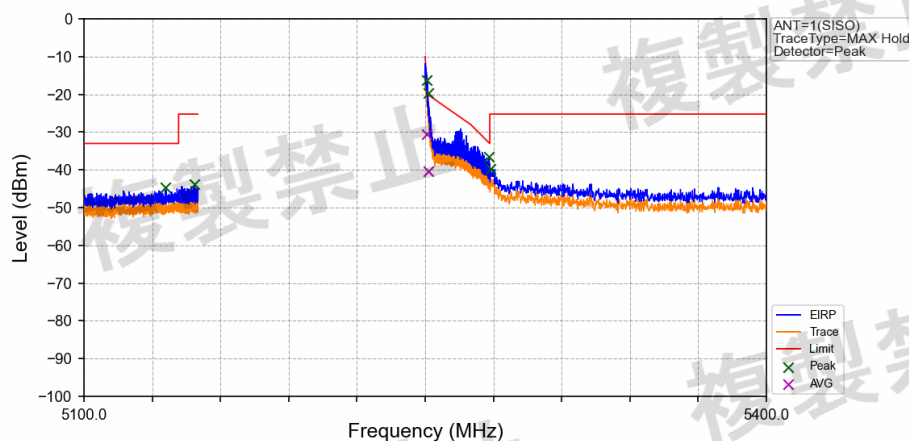


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
5100	5141.6	1	1	5141.350	-41.61	/	2.65	-38.96	/	-33.01	Pass
5141.6	5150	1	1	5148.900	-37.72	/	2.65	-35.07	/	-25.23	Pass
5250	5251	1	1	5250.781	-33.44	/	2.65	-30.79	/	-17.81	Pass
5251	5270	1	1	5267.245	-47.70	/	2.65	-45.05	/	-26.84	Pass
5270	5278.4	1	1	5278.333	-49.20	/	2.65	-46.55	/	-33	Pass
5278.4	5400	1	1	5284.480	-49.66	/	2.65	-47.01	/	-25.23	Pass

802.11n(HT40) HCH 5230MHz Ant1 NTV

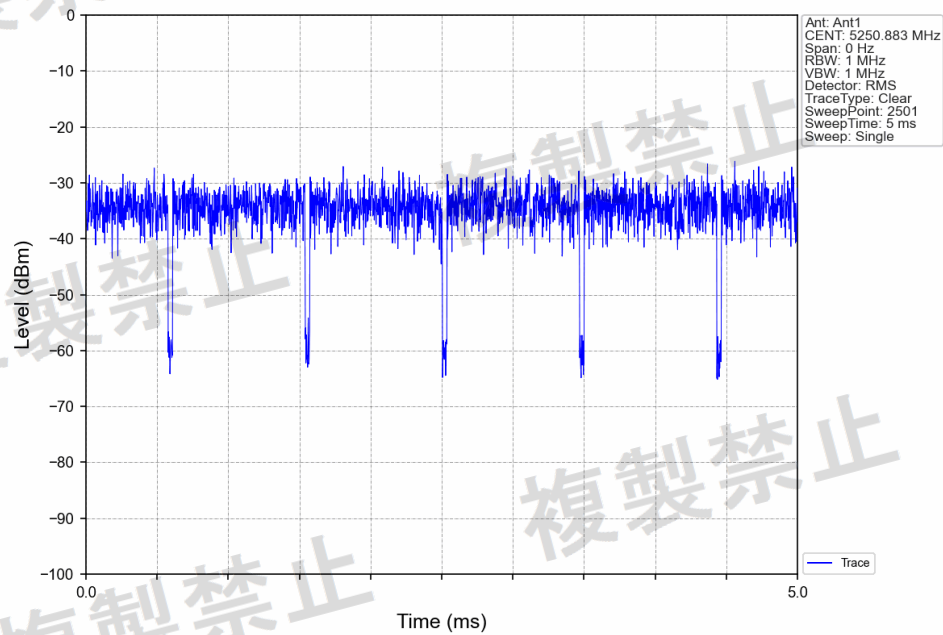


802.11n(HT40) HCH 5230MHz Ant1 NTV

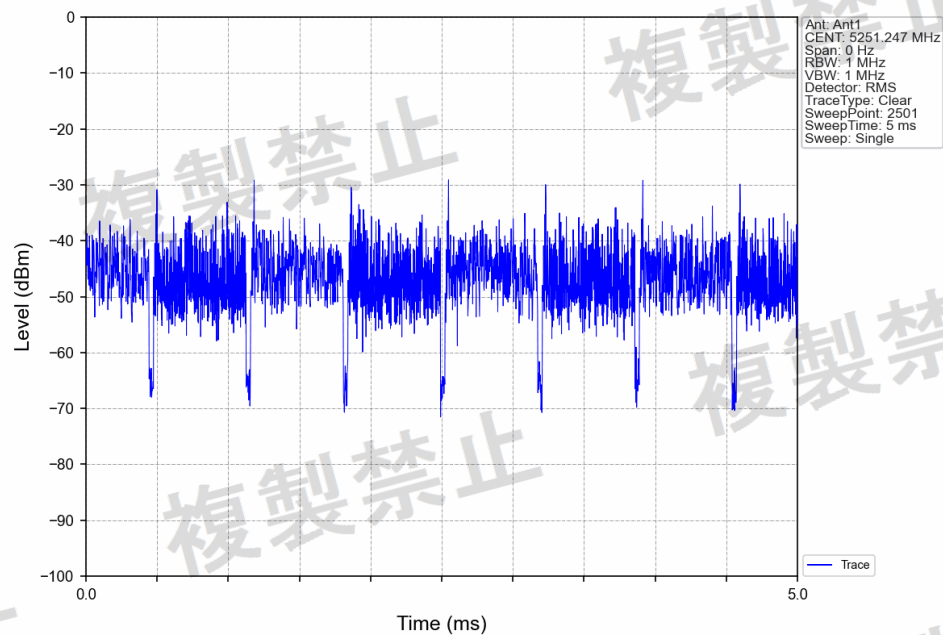


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
5100	5141.6	1	1	5135.651	-47.31	/	2.65	-44.66	/	-33.01	Pass
5141.6	5150	1	1	5148.656	-46.52	/	2.65	-43.87	/	-25.23	Pass
5250	5251	1	1	5250.883	-18.98	-33.25	2.65	-16.33	-30.60	-18.83	Pass
5251	5270	1	1	5251.247	-22.37	-43.04	2.65	-19.72	-40.39	-20.1	Pass
5270	5278.4	1	1	5278.190	-39.27	/	2.65	-36.62	/	-32.92	Pass
5278.4	5400	1	1	5278.886	-42.45	/	2.65	-39.80	/	-25.23	Pass

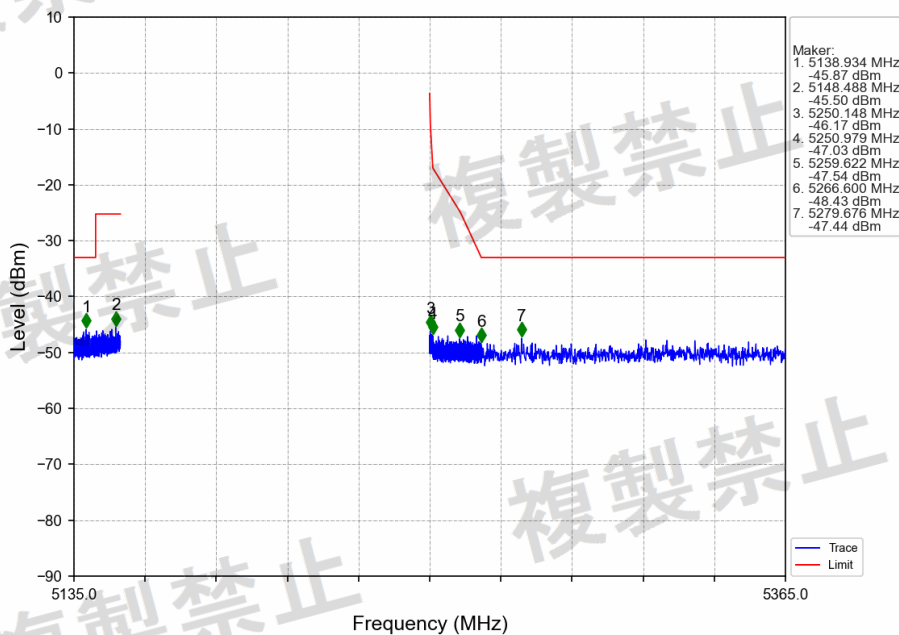
802.11n(HT40) HCH 5230MHz Ant1 NTV



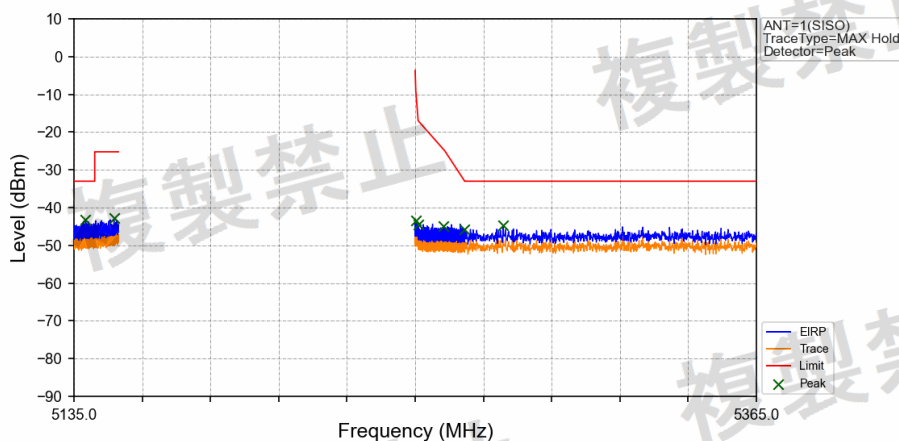
802.11n(HT40) HCH 5230MHz Ant1 NTV



802.11ac(VHT20) LCH 5180MHz Ant1 NTVN

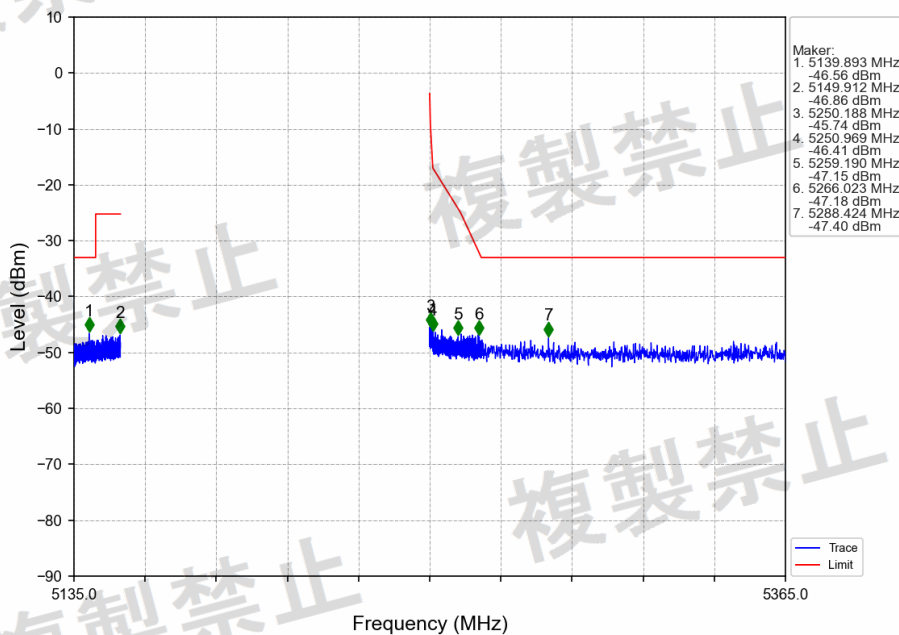


802.11ac(VHT20) LCH 5180MHz Ant1 NTVN

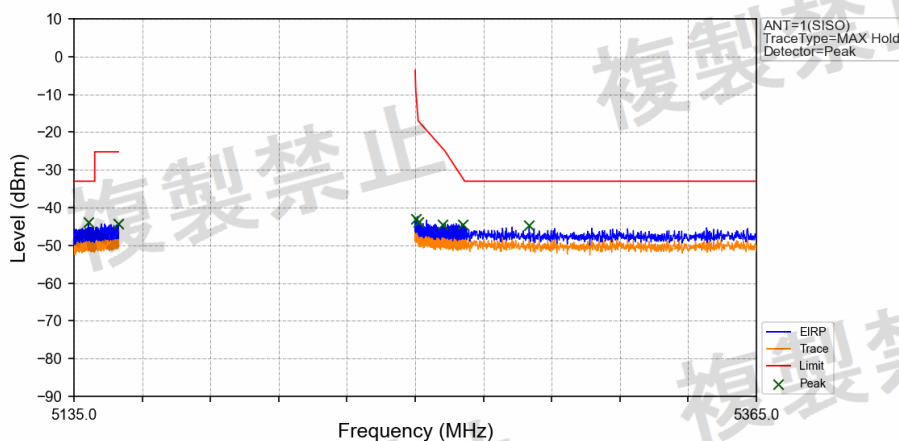


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
5135	5142	1	1	5138.934	-45.87	/	2.65	-43.22	/	-33.01	Pass
5142	5150	1	1	5148.488	-45.50	/	2.65	-42.85	/	-25.23	Pass
5250	5250.2	1	1	5250.148	-46.17	/	2.65	-43.52	/	-7.6	Pass
5250.2	5251	1	1	5250.979	-47.03	/	2.65	-44.38	/	-16.78	Pass
5251	5260	1	1	5259.622	-47.54	/	2.65	-44.89	/	-24.65	Pass
5260	5266.7	1	1	5266.600	-48.43	/	2.65	-45.78	/	-32.91	Pass
5266.7	5365	1	1	5279.676	-47.44	/	2.65	-44.79	/	-33.01	Pass

802.11ac(VHT20) MCH 5200MHz Ant1 NTN

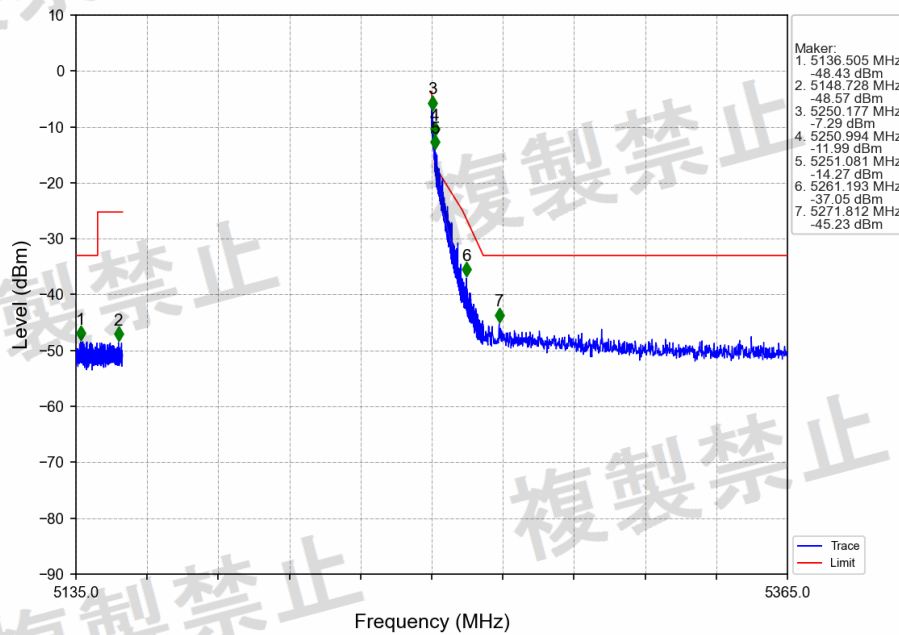


802.11ac(VHT20) MCH 5200MHz Ant1 NTN

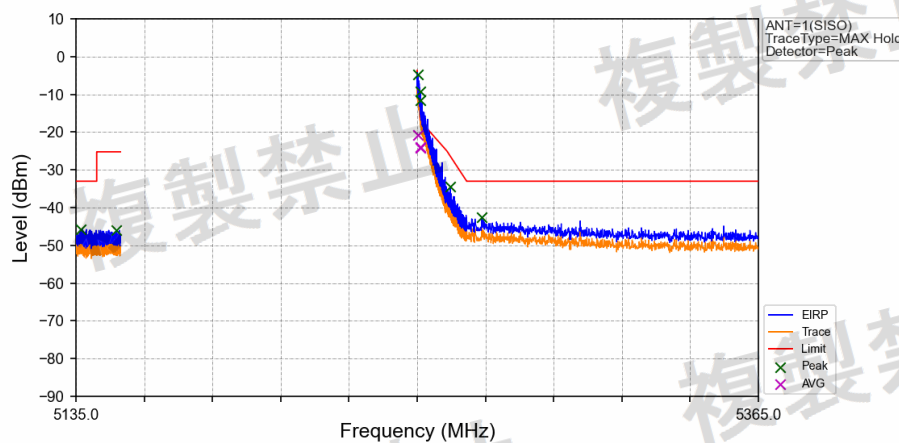


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
5135	5142	1	1	5139.893	-46.56	/	2.65	-43.91	/	-33.01	Pass
5142	5150	1	1	5149.912	-46.86	/	2.65	-44.21	/	-25.23	Pass
5250	5250.2	1	1	5250.188	-45.74	/	2.65	-43.09	/	-8.67	Pass
5250.2	5251	1	1	5250.969	-46.41	/	2.65	-43.76	/	-16.68	Pass
5251	5260	1	1	5259.190	-47.15	/	2.65	-44.50	/	-24.27	Pass
5260	5266.7	1	1	5266.023	-47.18	/	2.65	-44.53	/	-32.22	Pass
5266.7	5365	1	1	5288.424	-47.40	/	2.65	-44.75	/	-33.01	Pass

802.11ac(VHT20) HCH 5240MHz Ant1 NTN

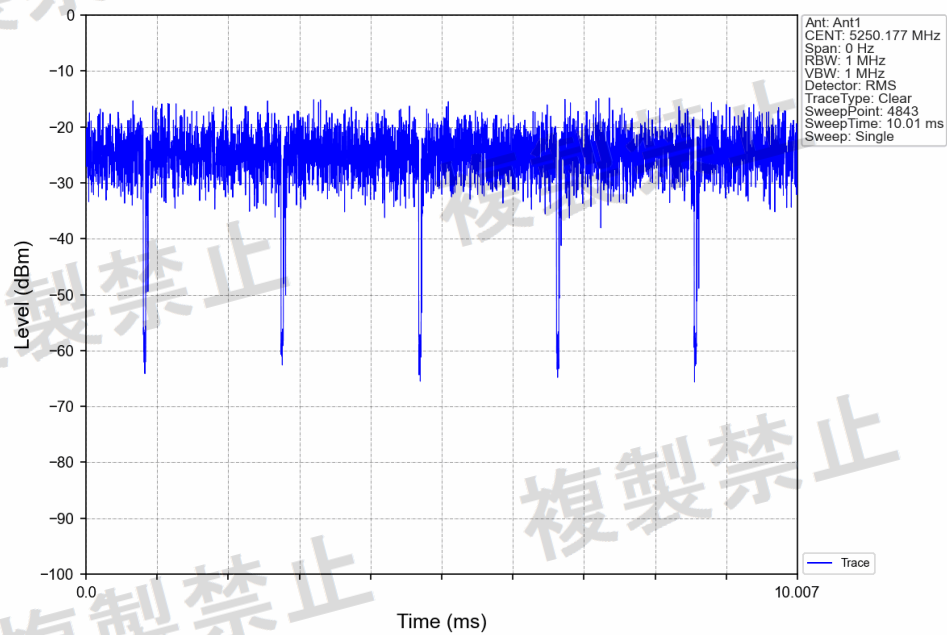


802.11ac(VHT20) HCH 5240MHz Ant1 NTN

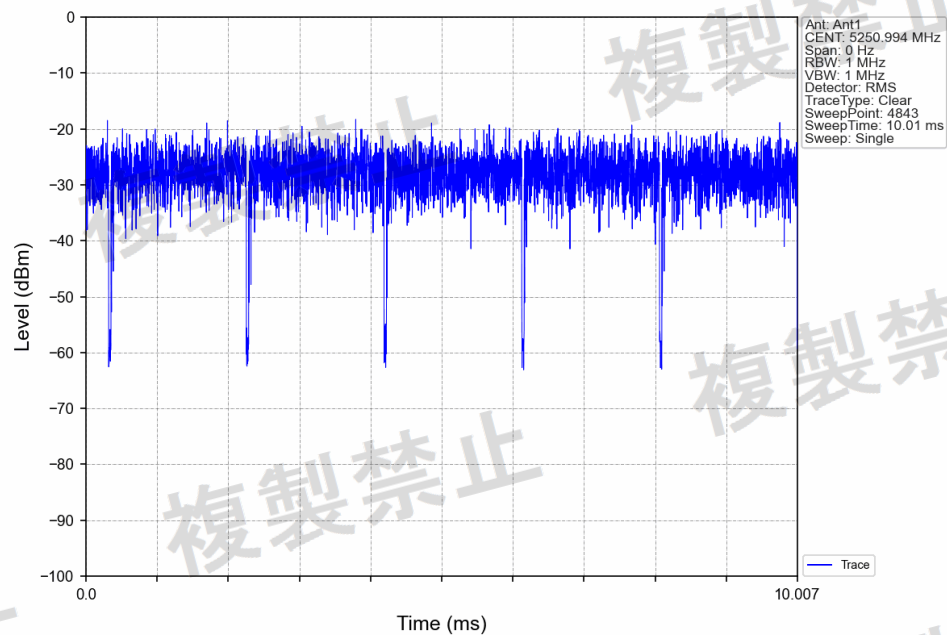


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
5135	5142	1	1	5136.505	-48.43	/	2.65	-45.78	/	-33.01	Pass
5142	5150	1	1	5148.728	-48.57	/	2.65	-45.92	/	-25.23	Pass
5250	5250.2	1	1	5250.177	-7.29	-23.42	2.65	-4.64	-20.77	-8.38	Pass
5250.2	5251	1	1	5250.994	-11.99	-26.52	2.65	-9.34	-23.87	-16.93	Pass
5251	5260	1	1	5251.081	-14.27	-26.89	2.65	-11.62	-24.24	-17.06	Pass
5260	5266.7	1	1	5261.193	-37.05	/	2.65	-34.40	/	-26.42	Pass
5266.7	5365	1	1	5271.812	-45.23	/	2.65	-42.58	/	-33.01	Pass

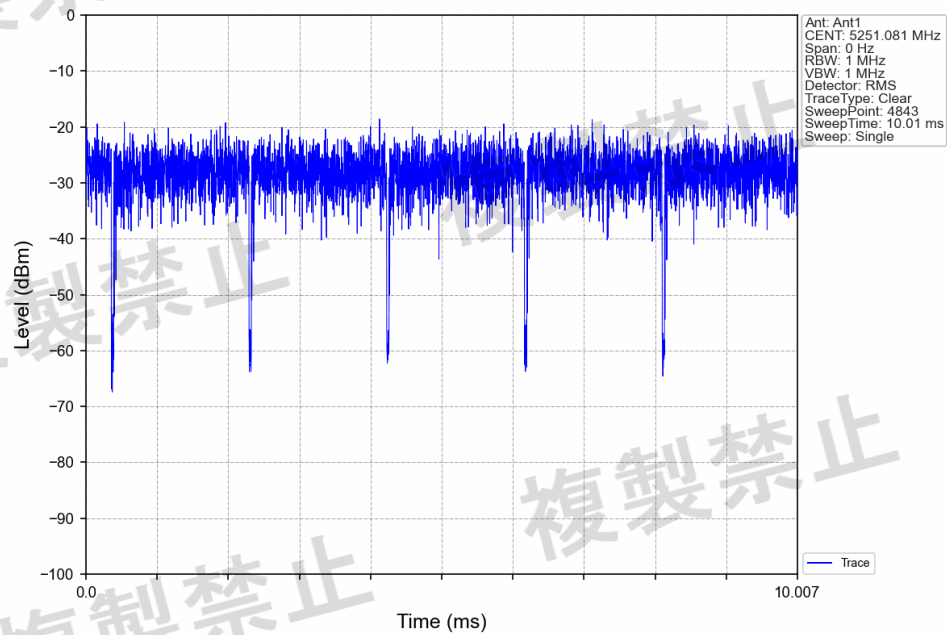
802.11ac(VHT20) HCH 5240MHz Ant1 NTV



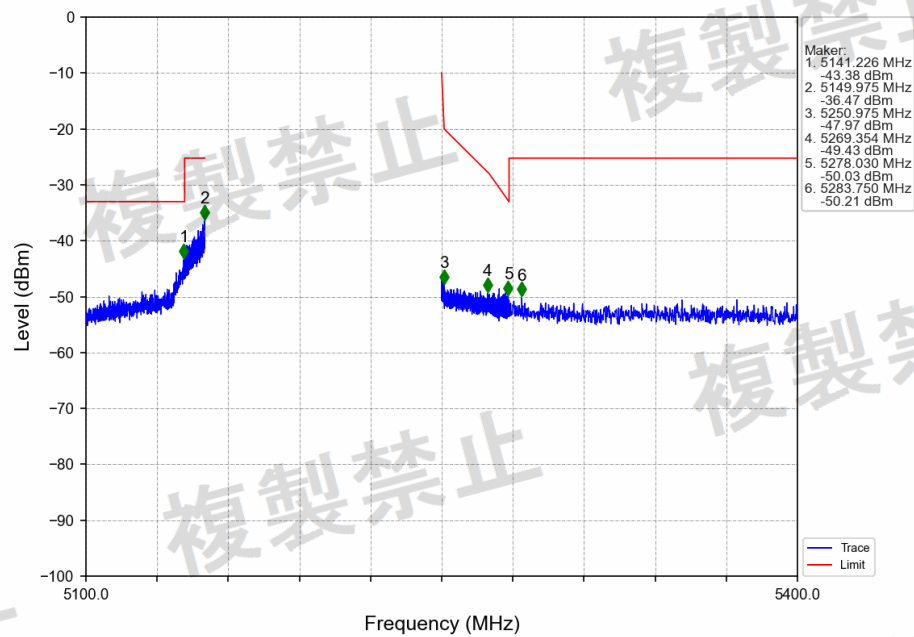
802.11ac(VHT20) HCH 5240MHz Ant1 NTV



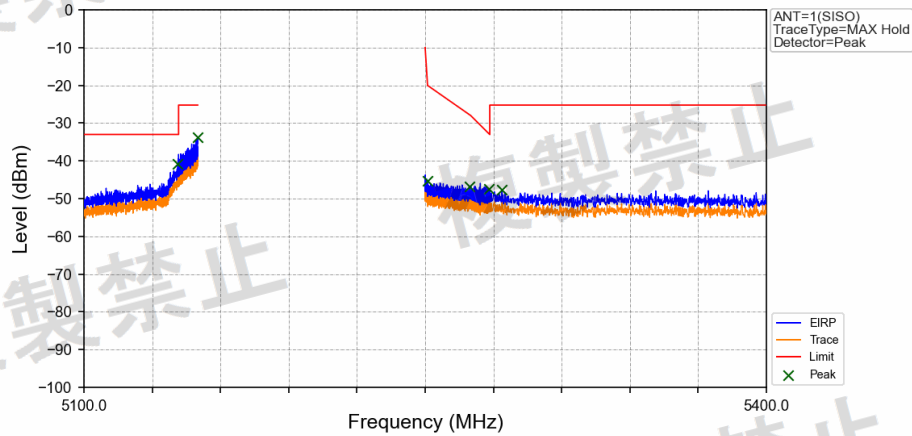
802.11ac(VHT20) HCH 5240MHz Ant1 NTV



802.11ac(VHT40) LCH 5190MHz Ant1 NTV

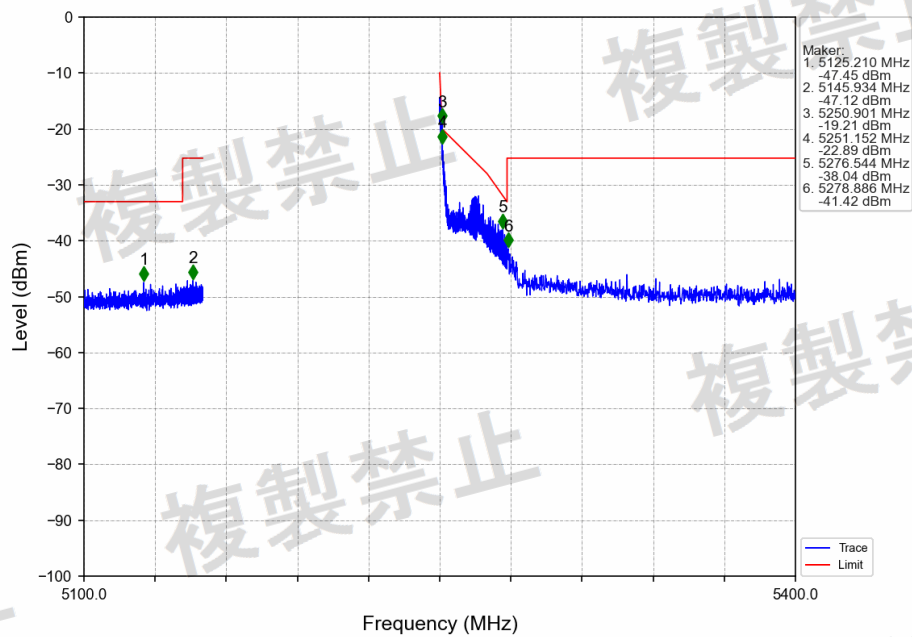


802.11ac(VHT40) LCH 5190MHz Ant1 NTN

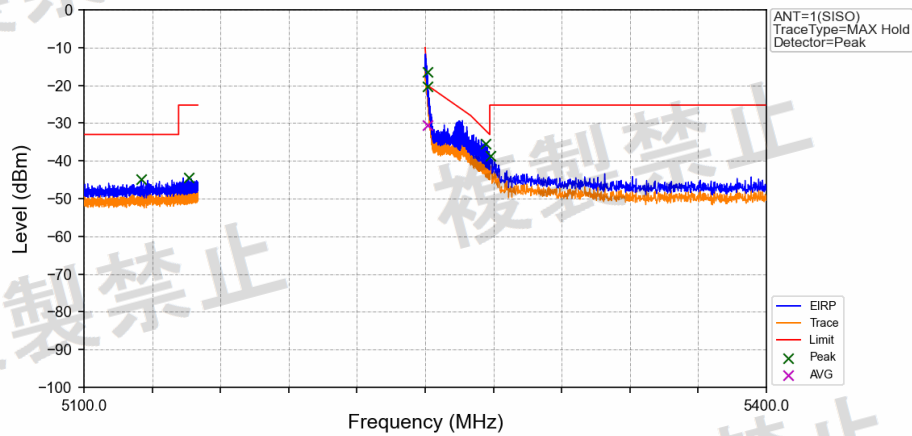


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
5100	5141.6	1	1	5141.226	-43.38	/	2.65	-40.73	/	-33.01	Pass
5141.6	5150	1	1	5149.975	-36.47	/	2.65	-33.82	/	-25.23	Pass
5250	5251	1	1	5250.975	-47.97	/	2.65	-45.32	/	-19.75	Pass
5251	5270	1	1	5269.354	-49.43	/	2.65	-46.78	/	-27.73	Pass
5270	5278.4	1	1	5278.030	-50.03	/	2.65	-47.38	/	-32.81	Pass
5278.4	5400	1	1	5283.750	-50.21	/	2.65	-47.56	/	-25.23	Pass

802.11ac(VHT40) HCH 5230MHz Ant1 NTN

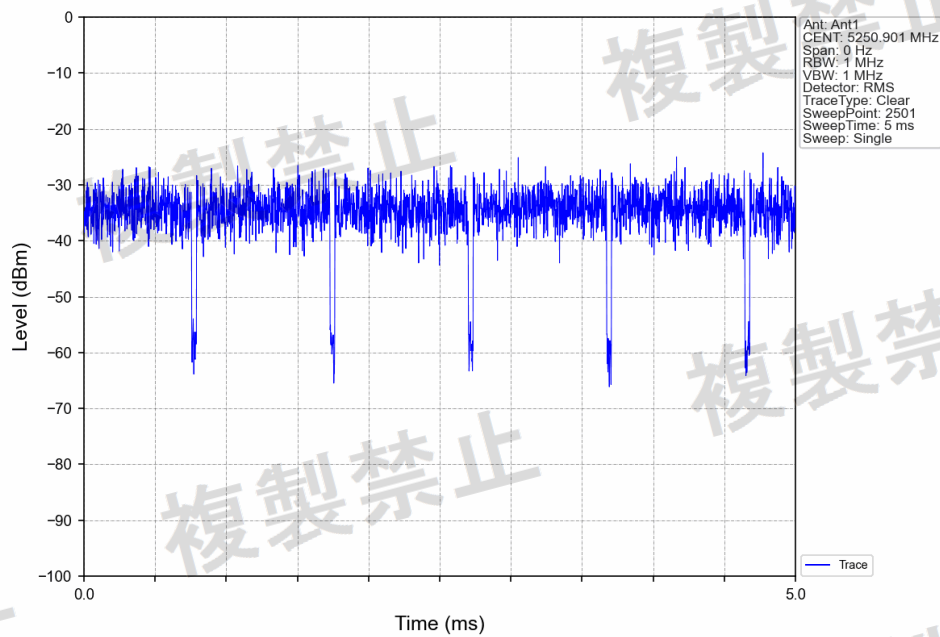


802.11ac(VHT40) HCH 5230MHz Ant1 NTV

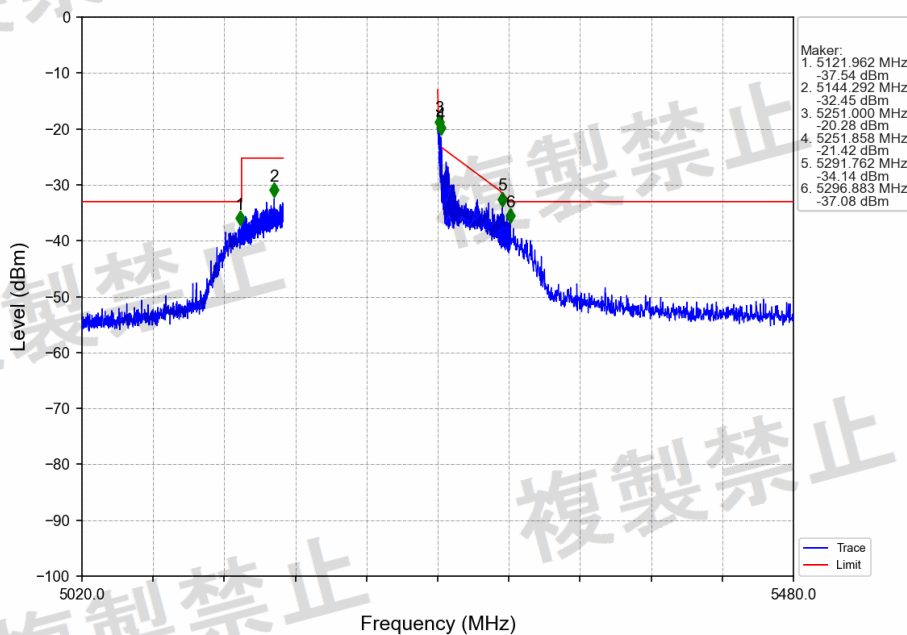


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	A/V Power (dBm)	Gain (dBi)	PK EIRP (dBm)	A/V EIRP (dBm)	Limit (dBm)	Result
5100	5141.6	1	1	5125.210	-47.45	/	2.65	-44.80	/	-33.01	Pass
5141.6	5150	1	1	5145.934	-47.12	/	2.65	-44.47	/	-25.23	Pass
5250	5251	1	1	5250.901	-19.21	-33.16	2.65	-16.56	-30.51	-19.01	Pass
5251	5270	1	1	5251.152	-22.89	/	2.65	-20.24	/	-20.06	Pass
5270	5278.4	1	1	5276.544	-38.04	/	2.65	-35.39	/	-31.92	Pass
5278.4	5400	1	1	5278.886	-41.42	/	2.65	-38.77	/	-25.23	Pass

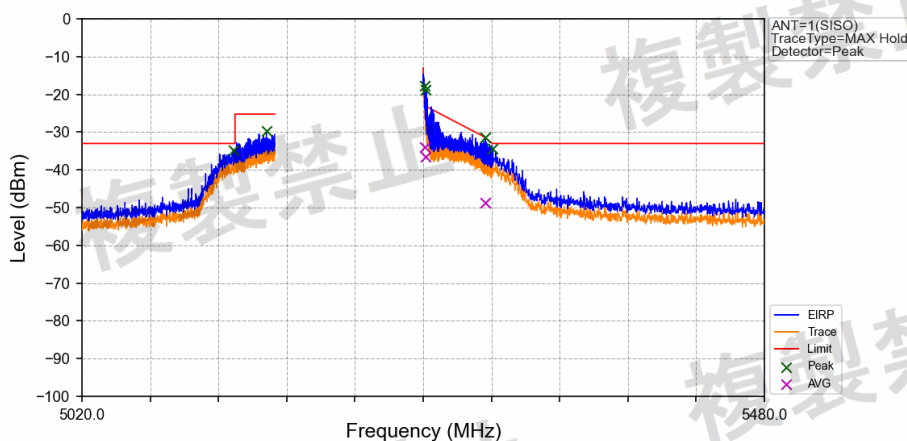
802.11ac(VHT40) HCH 5230MHz Ant1 NTV



802.11ac(VHT80) MCH 5210MHz Ant1 NTN

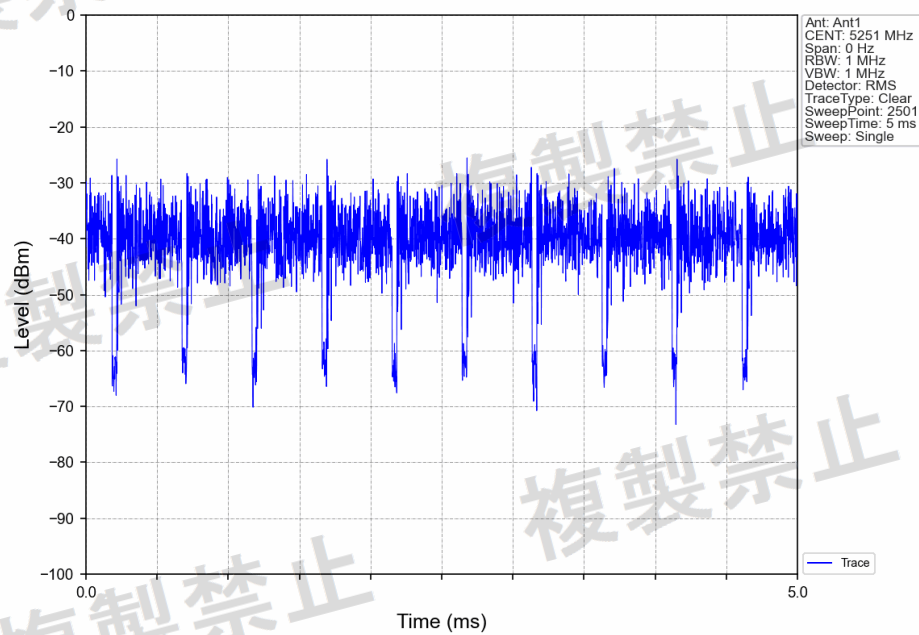


802.11ac(VHT80) MCH 5210MHz Ant1 NTN

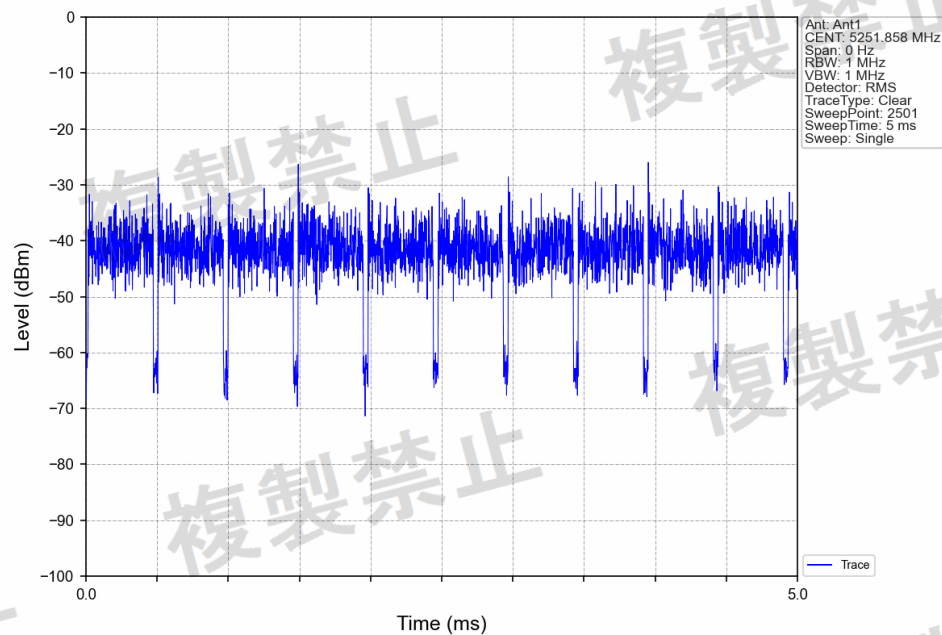


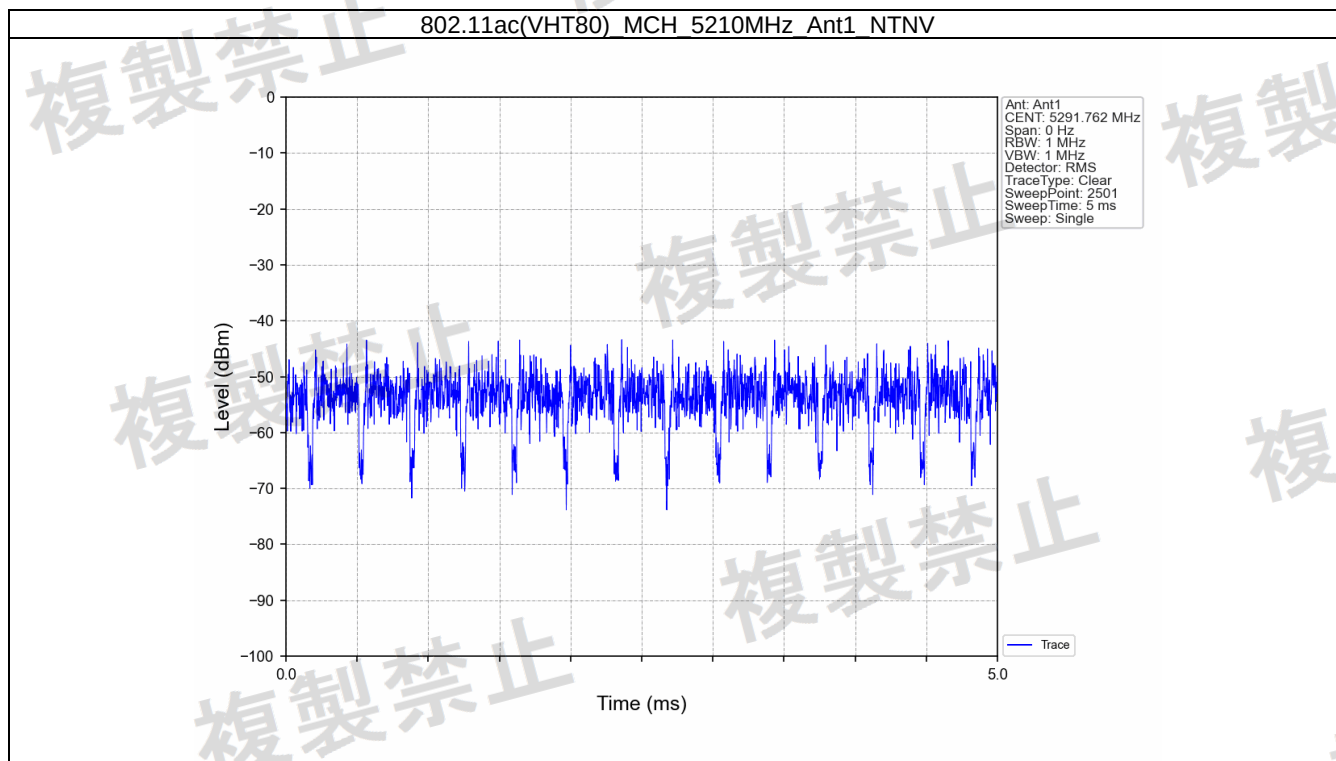
Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
5020	5123.2	1	1	5121.962	-37.54	/	2.65	-34.89	/	-33.01	Pass
5123.2	5150	1	1	5144.292	-32.45	/	2.65	-29.80	/	-25.23	Pass
5250	5251	1	1	5251.000	-20.28	-36.59	2.65	-17.63	-33.94	-23.01	Pass
5251	5290	1	1	5251.858	-21.42	-39.15	2.65	-18.77	-36.50	-23.19	Pass
5290	5296.7	1	1	5291.762	-34.14	-51.32	2.65	-31.49	-48.67	-31.54	Pass
5296.7	5480	1	1	5296.883	-37.08	/	2.65	-34.43	/	-33.01	Pass

802.11ac(VHT80) MCH 5210MHz Ant1 NTN



802.11ac(VHT80) MCH 5210MHz Ant1 NTN





5. Transmission Burst Length

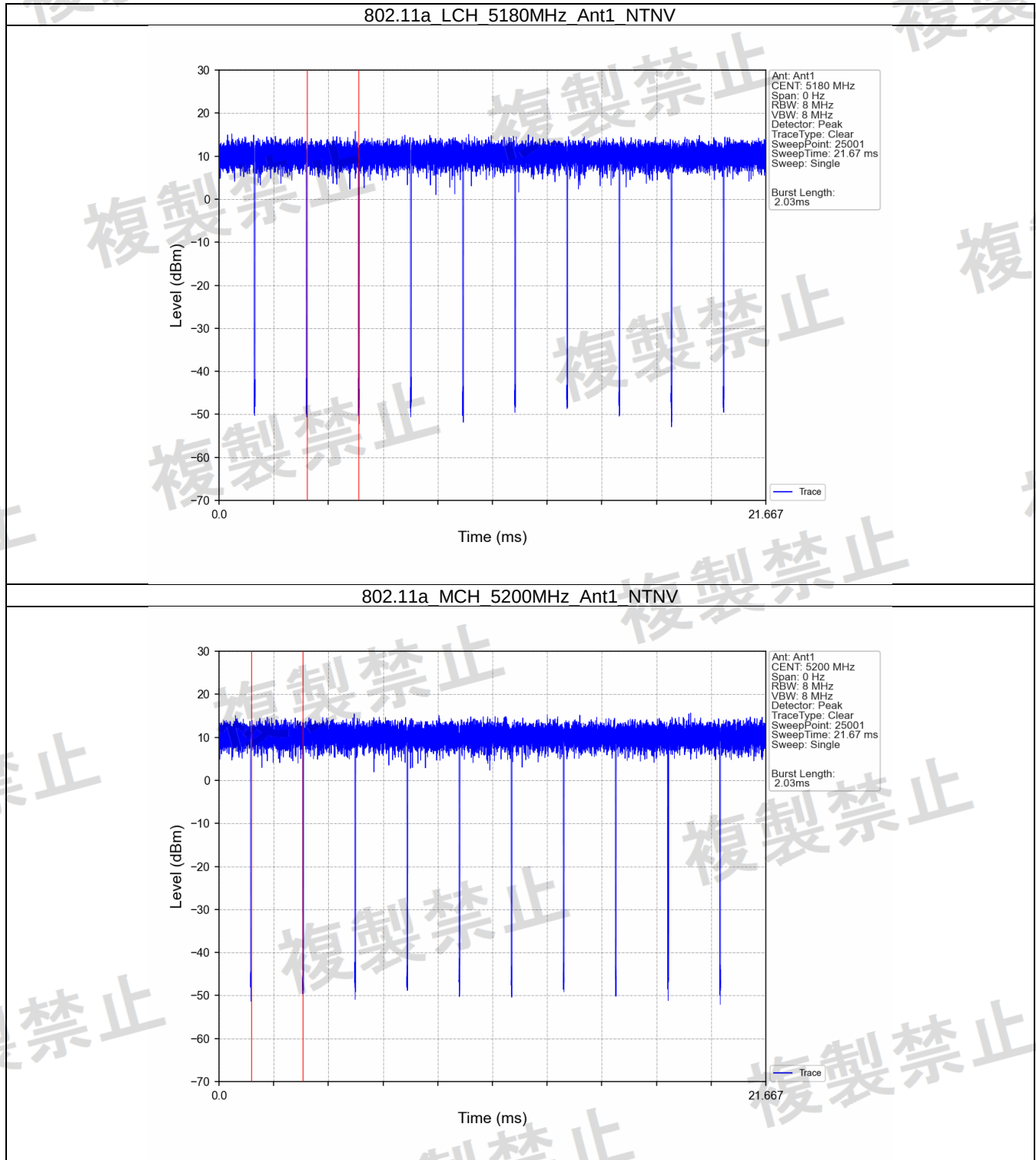
5.1 Test Result

5.1.1 Ant1_NTNV

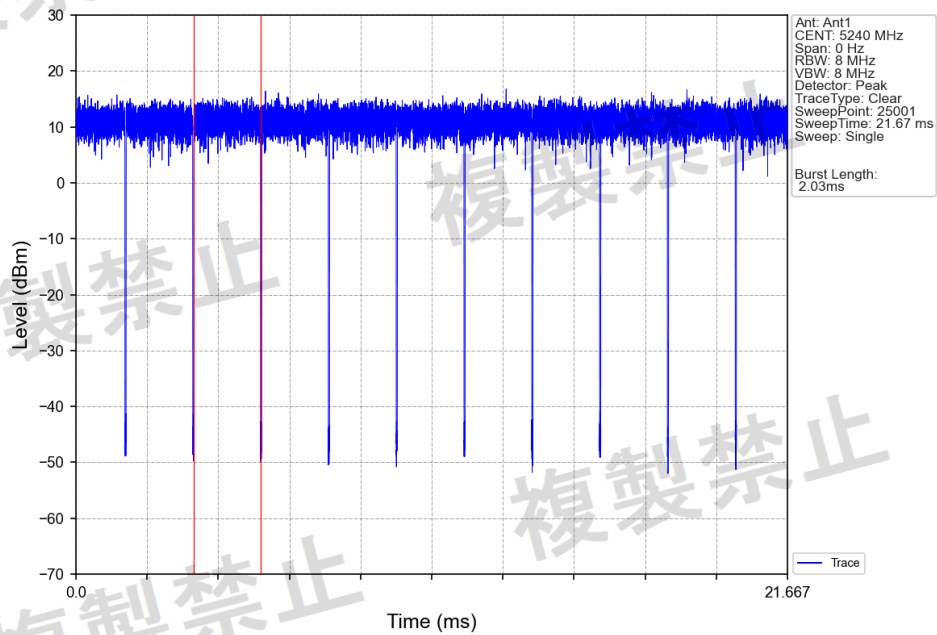
Ant1_NTNV					
Mode	TX Type	Frequency (MHz)	Burst Length (ms)		Verdict
			Result	Limit	
802.11a	SISO	5180	2.031	≤ 8	Pass
		5200	2.031	≤ 8	Pass
		5240	2.031	≤ 8	Pass
802.11n (HT20)	SISO	5180	1.891	≤ 8	Pass
		5200	1.891	≤ 8	Pass
		5240	1.891	≤ 8	Pass
802.11n (HT40)	SISO	5190	0.930	≤ 8	Pass
		5230	0.930	≤ 8	Pass
802.11ac (VHT20)	SISO	5180	1.903	≤ 8	Pass
		5200	1.903	≤ 8	Pass
		5240	1.903	≤ 8	Pass
802.11ac (VHT40)	SISO	5190	0.938	≤ 8	Pass
		5230	0.938	≤ 8	Pass
802.11ac (VHT80)	SISO	5210	0.457	≤ 8	Pass

5.2 Test Graph

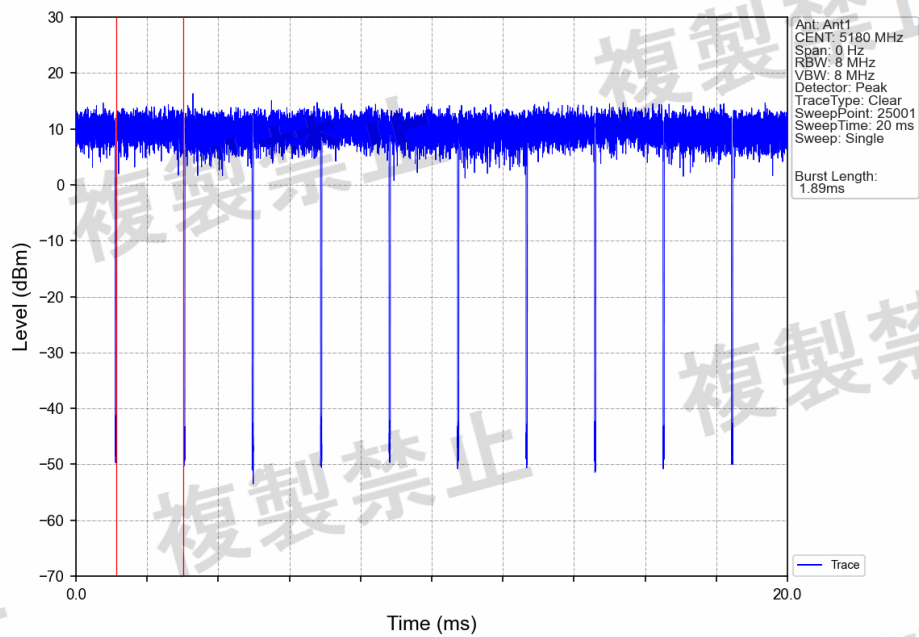
5.2.1 Ant1_NTNV



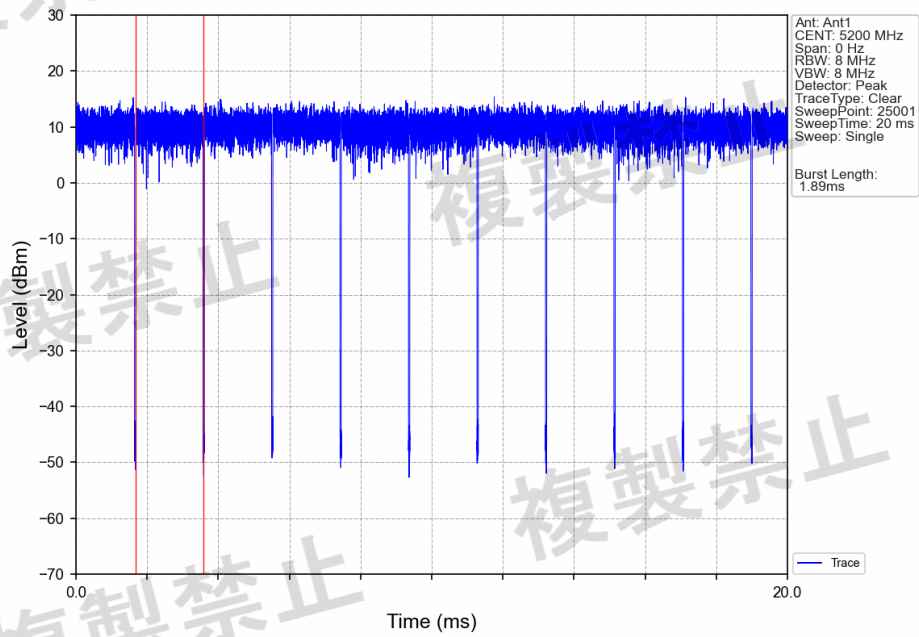
802.11a HCH 5240MHz Ant1 NTVN



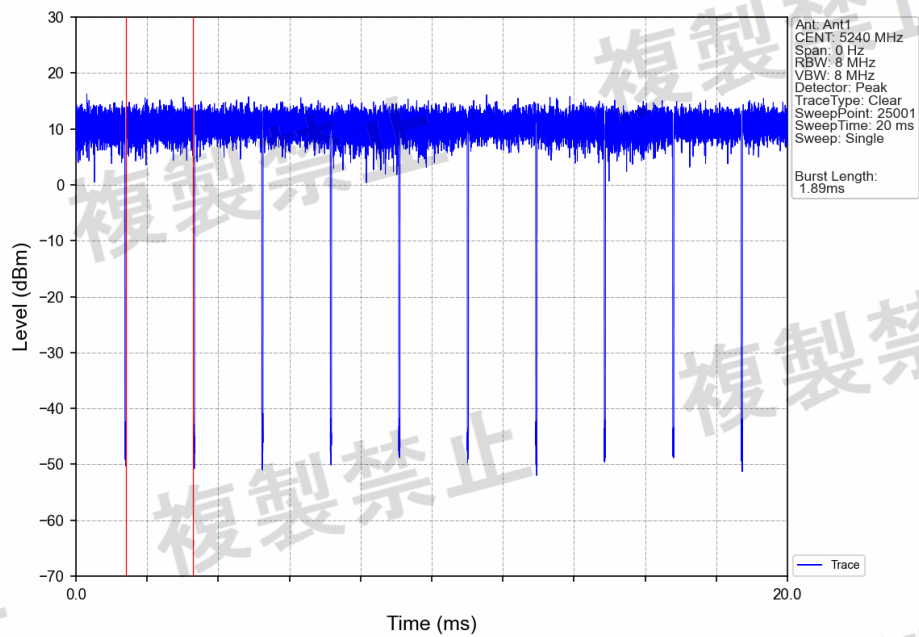
802.11n(HT20) LCH 5180MHz Ant1 NTVN



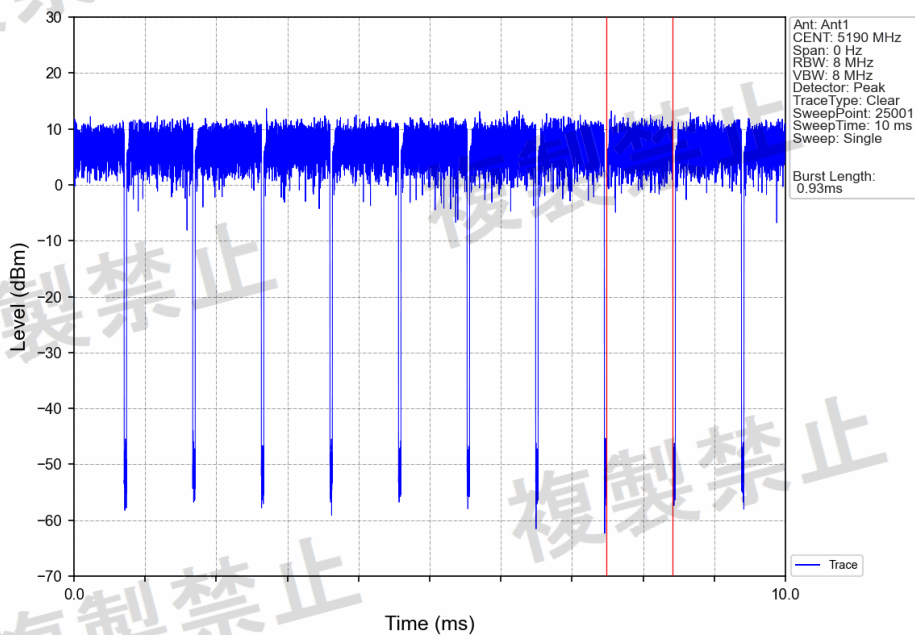
802.11n(HT20) MCH 5200MHz Ant1 NTV



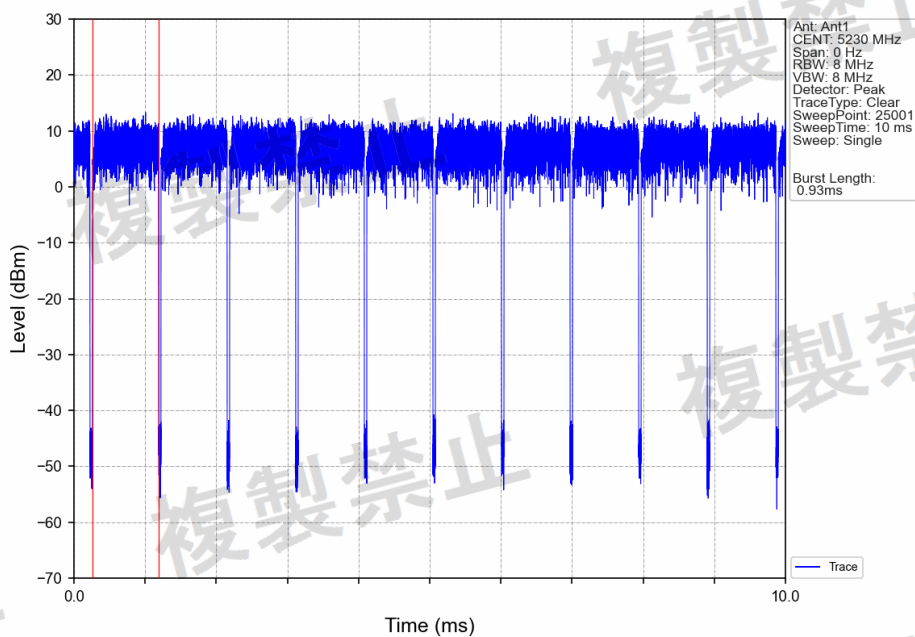
802.11n(HT20) HCH 5240MHz Ant1 NTV



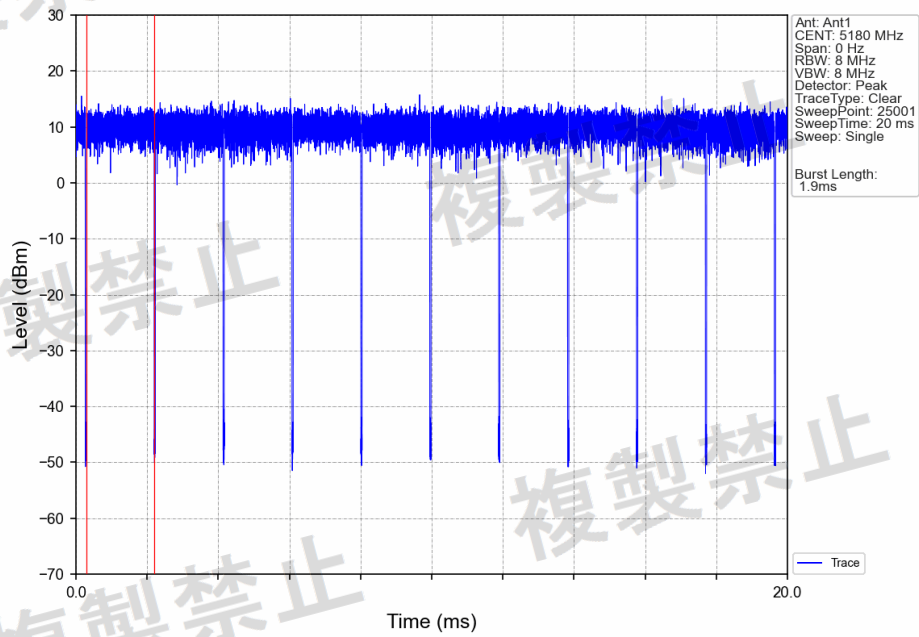
802.11n(HT40) LCH 5190MHz Ant1 NTV



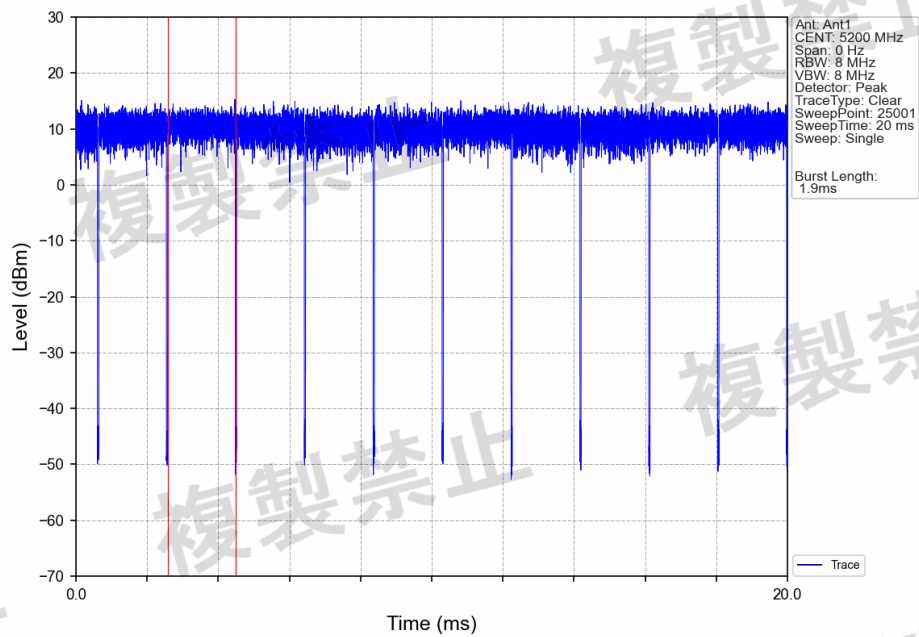
802.11n(HT40) HCH 5230MHz Ant1 NTV



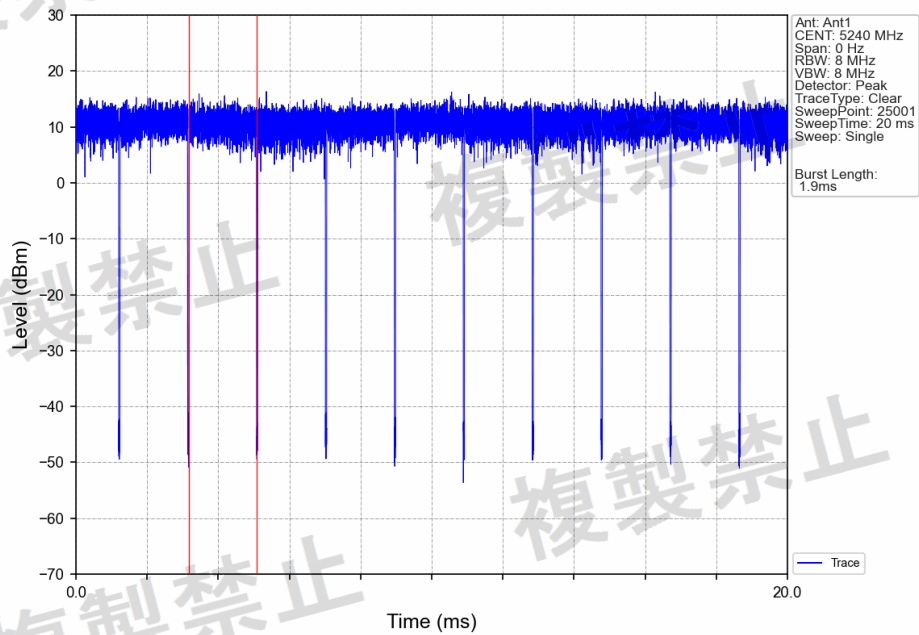
802.11ac(VHT20) LCH 5180MHz Ant1 NTVN



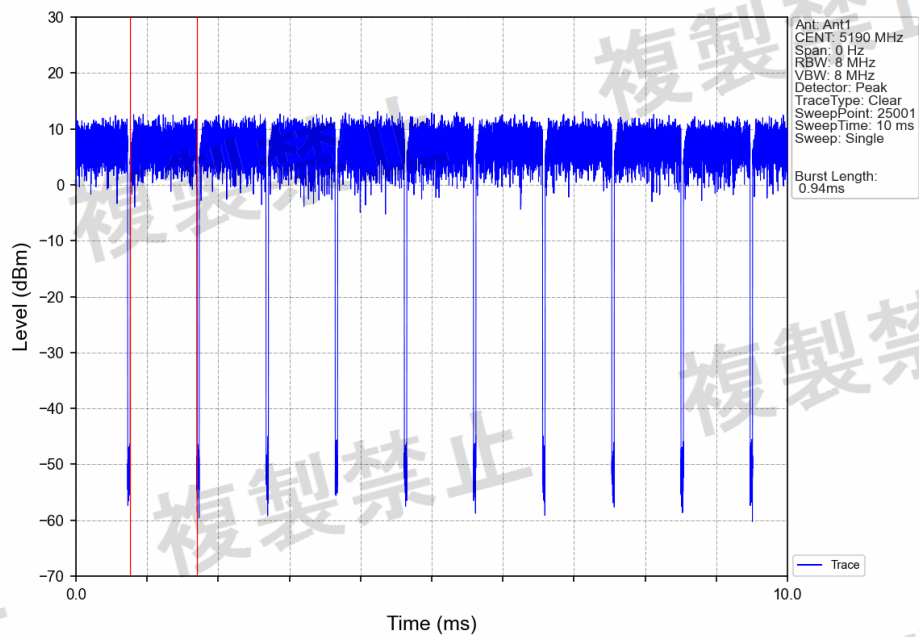
802.11ac(VHT20) MCH 5200MHz Ant1 NTVN



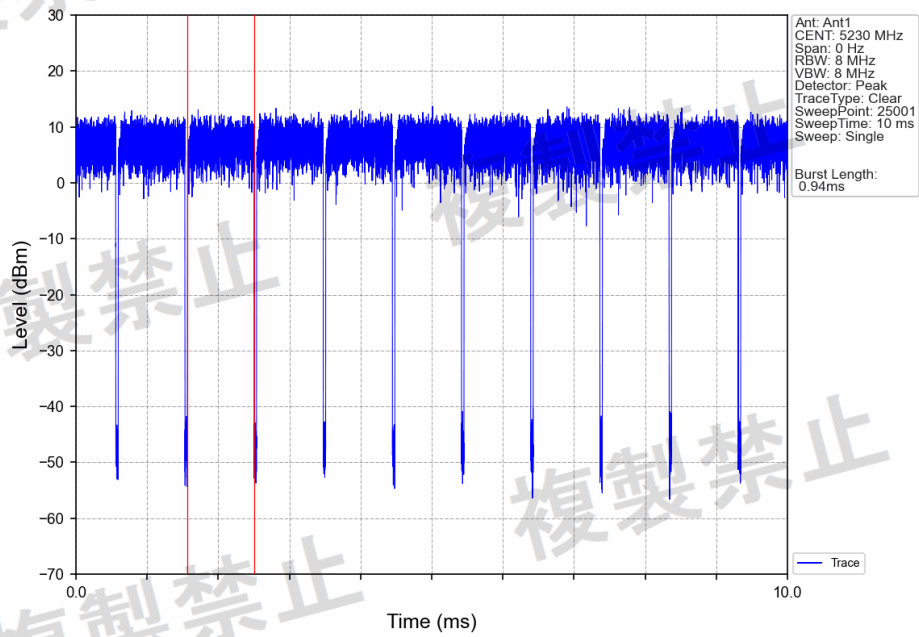
802.11ac(VHT20) HCH 5240MHz Ant1 NTVN



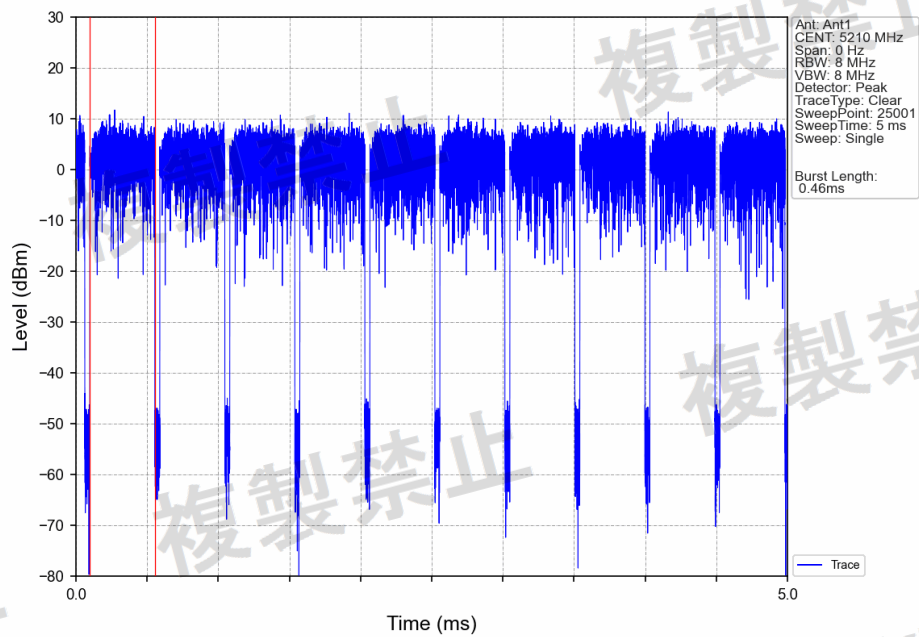
802.11ac(VHT40) LCH 5190MHz Ant1 NTVN



802.11ac(VHT40) HCH 5230MHz Ant1 NTV



802.11ac(VHT80) MCH 5210MHz Ant1 NTV



6. Spurious Emission Intensity

6.1 Test Result

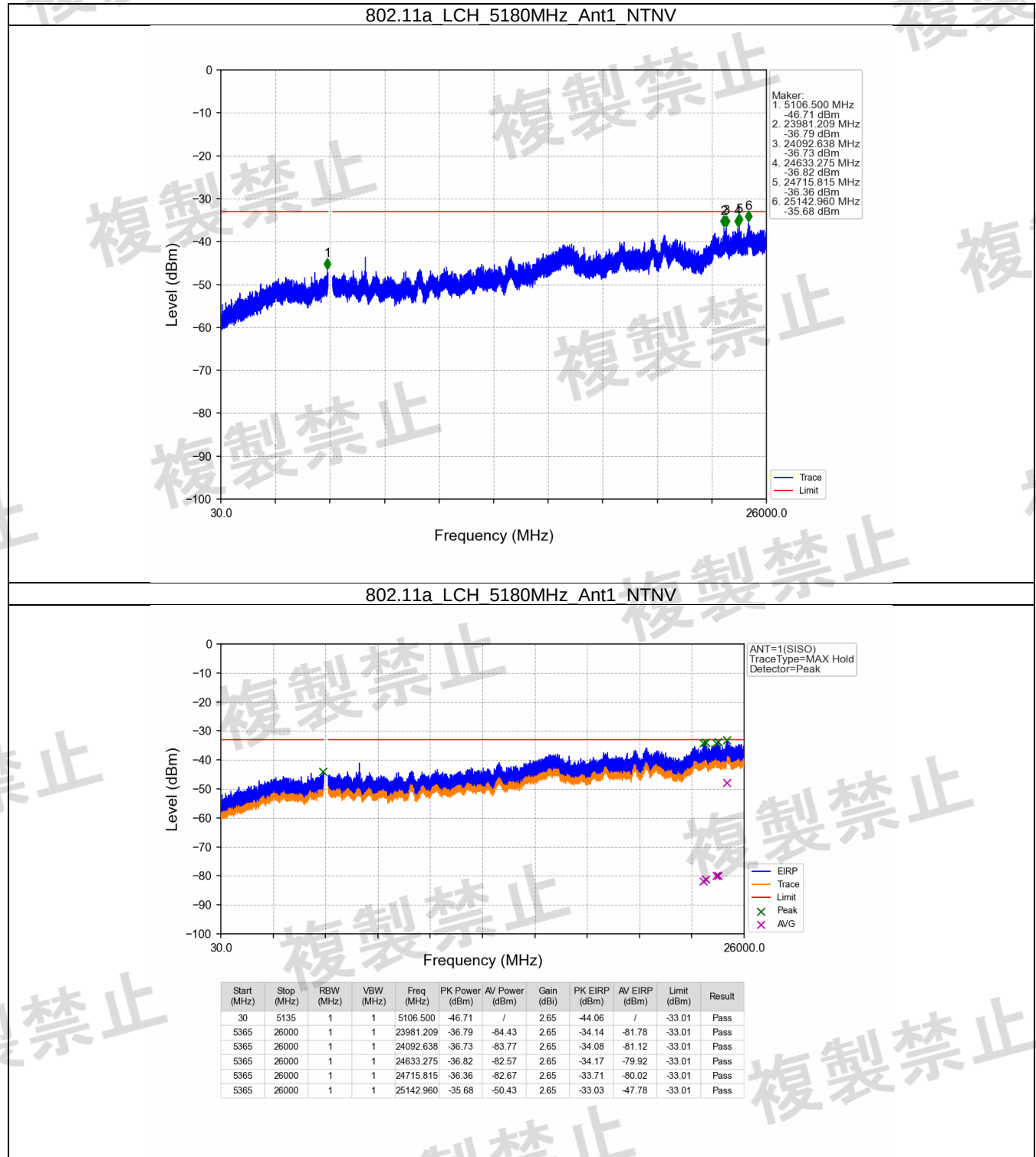
6.1.1 TxSe_NTNV_SISO

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	5180	1	30	5135	5106.5	-44.06	0.039	/	/	0.5	Pass
				5365	26000	23981.209	-34.14	0.385	-81.78	0.000	0.5	Pass
						24092.638	-34.08	0.391	-81.12	0.000	0.5	Pass
						24633.275	-34.17	0.383	-79.92	0.000	0.5	Pass
						24715.815	-33.71	0.426	-80.02	0.000	0.5	Pass
		25142.96	-33.03			0.498	-47.78	0.017	0.5	Pass		
		5200	1	30	5135	5113.5	-44.41	0.036	/	/	0.5	Pass
				5365	26000	24567.931	-33.98	0.400	-79.89	0.000	0.5	Pass
						24667.667	-33.48	0.449	-48.60	0.014	0.5	Pass
						25147.775	-34.14	0.385	-79.76	0.000	0.5	Pass
						25312.167	-34.42	0.361	-79.16	0.000	0.5	Pass
		25968.36	-34.19			0.381	-78.65	0.000	0.5	Pass		
		5240	1	30	5135	5111	-44.70	0.034	/	/	0.5	Pass
				5365	26000	25157.404	-33.49	0.448	-47.61	0.017	0.5	Pass
						25222.061	-34.14	0.385	-79.45	0.000	0.5	Pass
						25303.913	-34.19	0.381	-79.20	0.000	0.5	Pass
						25461.427	-34.24	0.377	-79.09	0.000	0.5	Pass
25756.507	-34.12	0.387	-79.21			0.000	0.5	Pass				
802.11n (HT20)	SISO	5180	1	30	5135	4541	-44.26	0.037	/	/	0.5	Pass
				5365	26000	23536.181	-34.91	0.323	-52.24	0.006	0.5	Pass
						24038.299	-34.29	0.372	-51.11	0.008	0.5	Pass
						25145.023	-33.91	0.406	-49.27	0.012	0.5	Pass
						25228.939	-34.71	0.338	-49.06	0.012	0.5	Pass
		25728.994	-34.69			0.340	-48.74	0.013	0.5	Pass		
		5200	1	30	5135	4518	-43.31	0.047	/	/	0.5	Pass
				5365	26000	24662.852	-34.03	0.395	-49.46	0.011	0.5	Pass
						25157.404	-33.81	0.416	-49.45	0.011	0.5	Pass
						25224.124	-34.47	0.357	-49.14	0.012	0.5	Pass
						25700.105	-34.13	0.386	-48.48	0.014	0.5	Pass
		25823.915	-33.73			0.424	-48.46	0.014	0.5	Pass		
		5240	1	30	5135	5108.5	-44.37	0.037	/	/	0.5	Pass
				5365	26000	24111.898	-34.85	0.327	-50.56	0.009	0.5	Pass
						24594.069	-34.03	0.395	-49.37	0.012	0.5	Pass
						25195.235	-33.13	0.486	-47.60	0.017	0.5	Pass
						25282.59	-34.68	0.340	-48.83	0.013	0.5	Pass
25724.179	-33.95	0.403	-48.70			0.013	0.5	Pass				
802.11n (HT40)	SISO	5190	1	30	5100	5089.5	-48.44	0.014	/	/	0.5	Pass
				5400	26000	25671.773	-36.78	0.210	/	/	0.5	Pass
		5230	1	30	5100	5070.5	-43.76	0.042	/	/	0.5	Pass
				5400	26000	24058.793	-34.71	0.338	-51.13	0.008	0.5	Pass
						24595.767	-34.62	0.345	-49.59	0.011	0.5	Pass
						25125.187	-33.79	0.418	-49.23	0.012	0.5	Pass
						25296.167	-34.67	0.341	-48.96	0.013	0.5	Pass
25686.88	-33.53	0.444	-48.21			0.015	0.5	Pass				

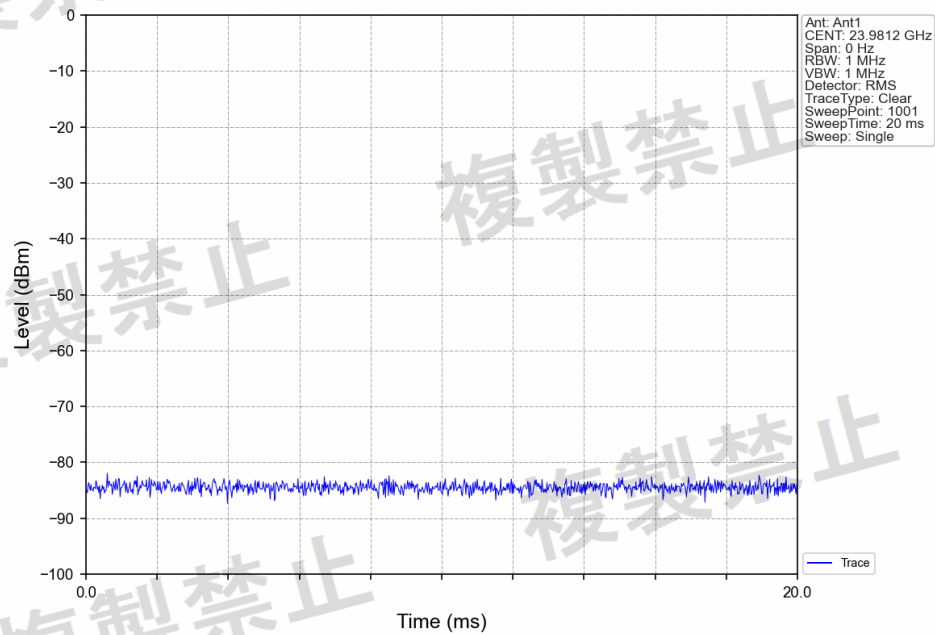
802.11ac (VHT20)	SISO	5180	1	30	5135	5127.5	-44.31	0.037	/	/	0.5	Pass
				5365	26000	23929.622	-34.50	0.355	-54.83	0.003	0.5	Pass
						24566.555	-33.65	0.432	-52.86	0.005	0.5	Pass
						24636.714	-34.39	0.364	-52.82	0.005	0.5	Pass
						25115.446	-34.07	0.392	-52.30	0.006	0.5	Pass
						25235.817	-33.64	0.433	-52.31	0.006	0.5	Pass
		5200	1	30	5135	5113	-44.60	0.035	/	/	0.5	Pass
				5365	26000	24036.236	-32.55	0.556	-48.34	0.015	0.5	Pass
						25220.685	-34.21	0.379	-49.17	0.012	0.5	Pass
						25404.336	-34.11	0.388	-48.75	0.013	0.5	Pass
						25714.549	-34.17	0.383	-48.66	0.014	0.5	Pass
						25790.211	-34.52	0.353	-48.57	0.014	0.5	Pass
		5240	1	30	5135	5100	-44.07	0.039	/	/	0.5	Pass
				5365	26000	24536.291	-34.66	0.342	-52.71	0.005	0.5	Pass
						25158.092	-32.81	0.524	-47.57	0.017	0.5	Pass
						25233.066	-32.89	0.514	-47.92	0.016	0.5	Pass
						25667.777	-34.52	0.353	-51.75	0.007	0.5	Pass
						25747.565	-34.66	0.342	-51.83	0.007	0.5	Pass
802.11ac (VHT40)	SISO	5190	1	30	5100	1755.5	-46.80	0.021	/	/	0.5	Pass
				5400	26000	25770.653	-35.79	0.264	-51.77	0.007	0.5	Pass
		5230	1	30	5100	5075.5	-44.34	0.037	/	/	0.5	Pass
				5400	26000	23546.54	-34.26	0.375	-55.88	0.003	0.5	Pass
						24645.893	-33.89	0.408	-52.67	0.005	0.5	Pass
						25246.727	-33.61	0.436	-52.26	0.006	0.5	Pass
						25515.9	-34.52	0.353	-51.70	0.007	0.5	Pass
						25973.907	-34.60	0.347	-51.52	0.007	0.5	Pass
802.11ac (VHT80)	SISO	5210	1	30	5020	3185	-47.76	0.017	/	/	0.5	Pass
				5480	26000	25668.26	-36.69	0.214	/	/	0.5	Pass

6.2 Test Graph

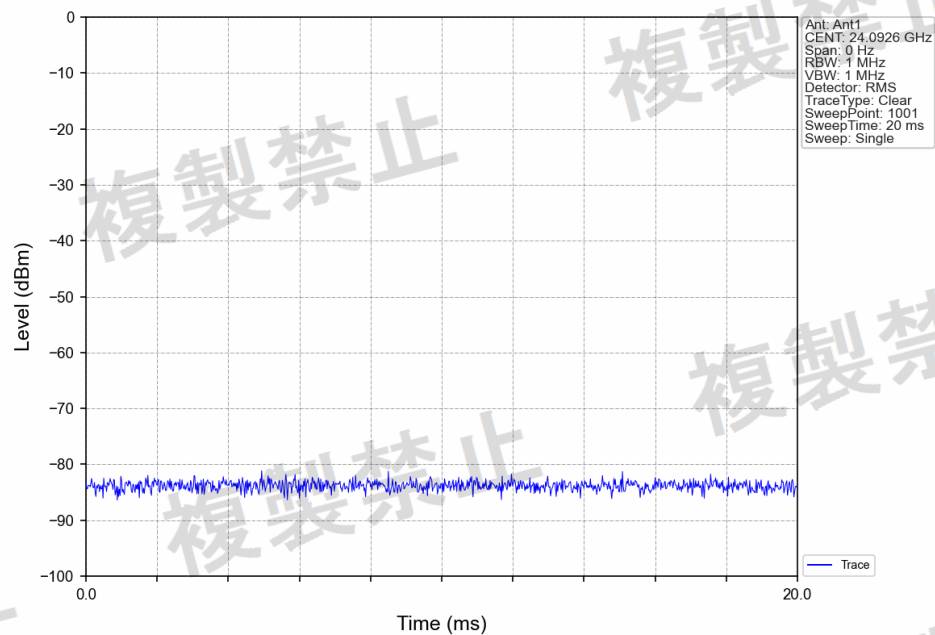
6.2.1 TxSe_NTNV_SISO



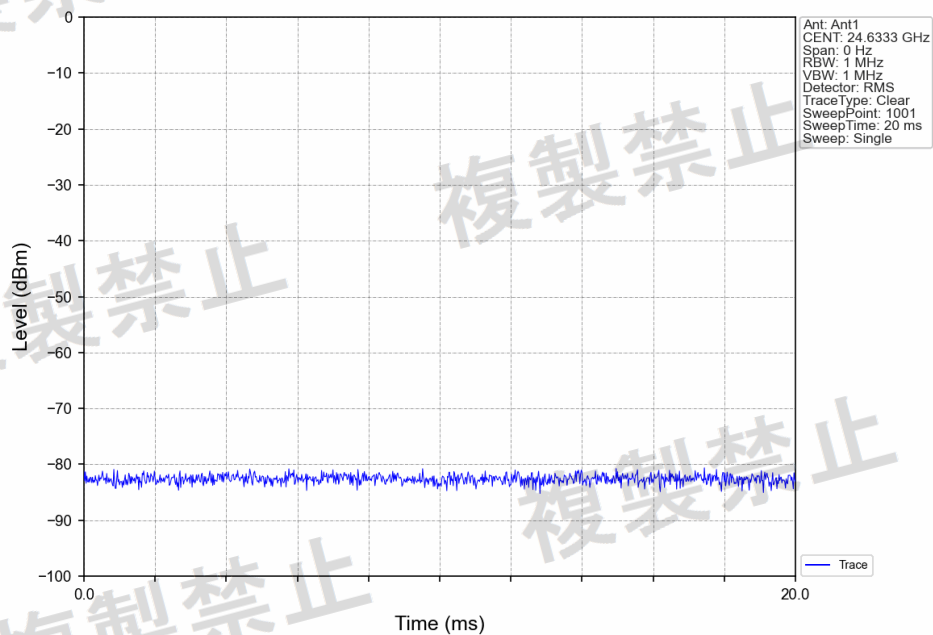
802.11a LCH 5180MHz Ant1 NTV



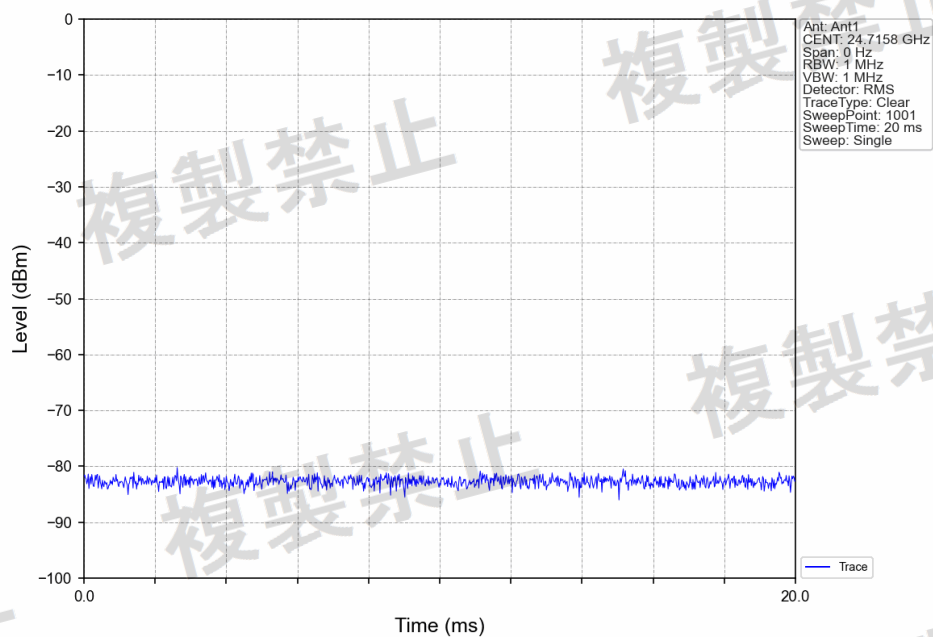
802.11a LCH 5180MHz Ant1 NTV



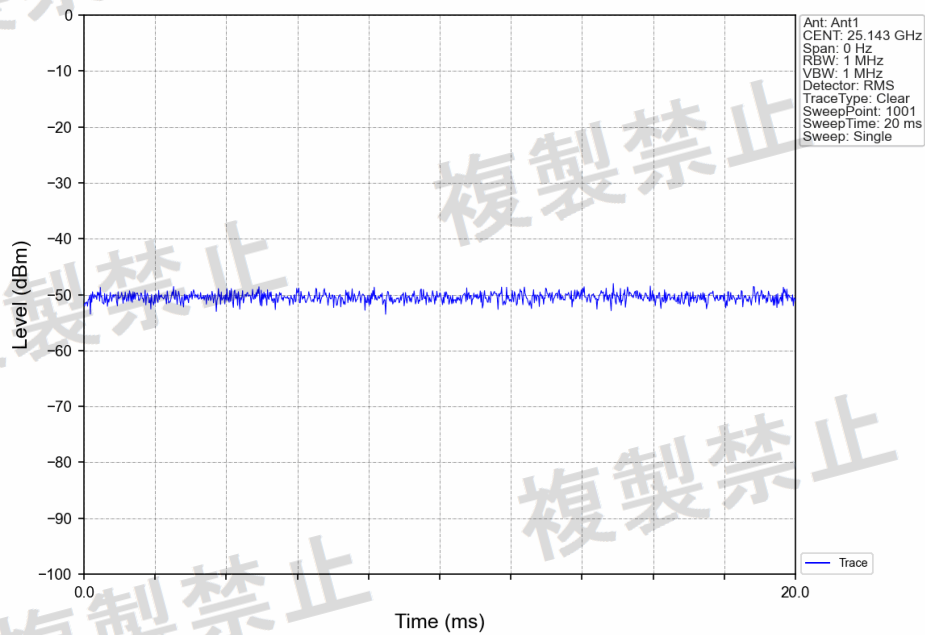
802.11a LCH 5180MHz Ant1 NTV



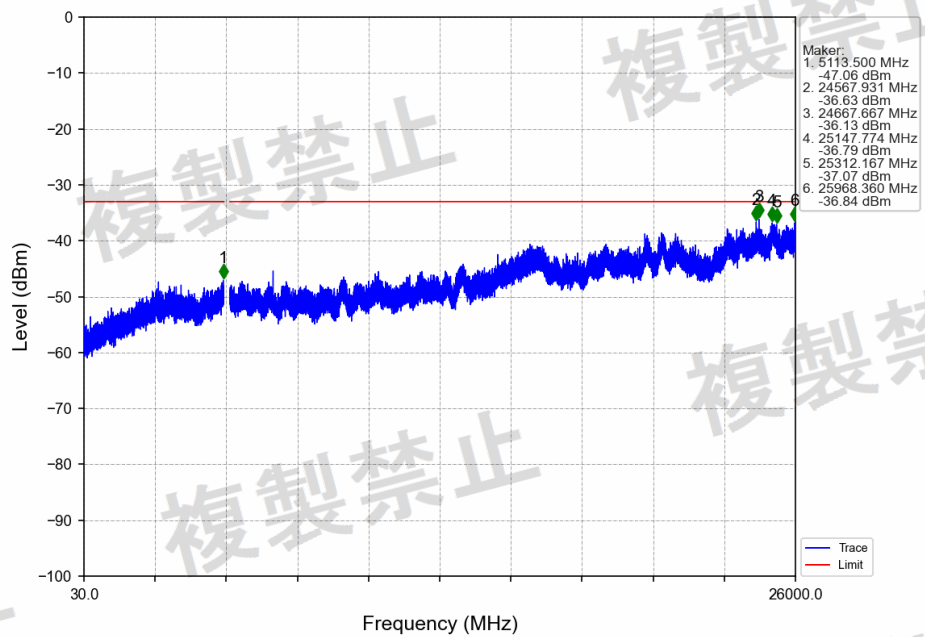
802.11a LCH 5180MHz Ant1 NTV



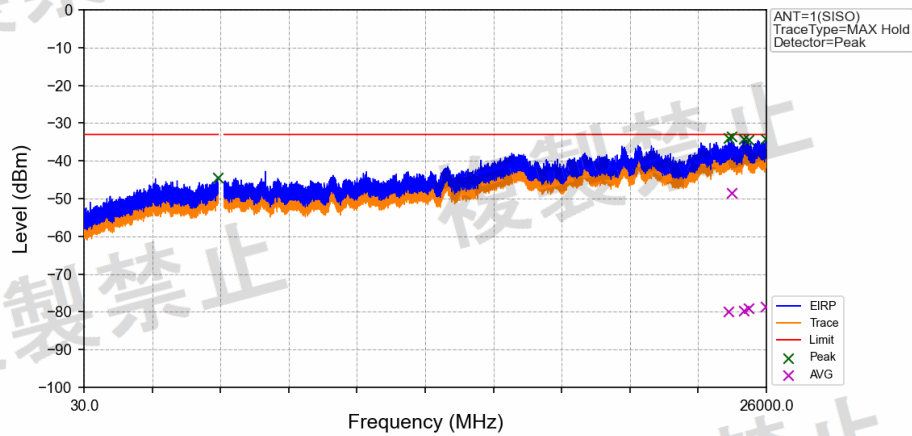
802.11a LCH 5180MHz Ant1 NTV



802.11a MCH 5200MHz Ant1 NTV

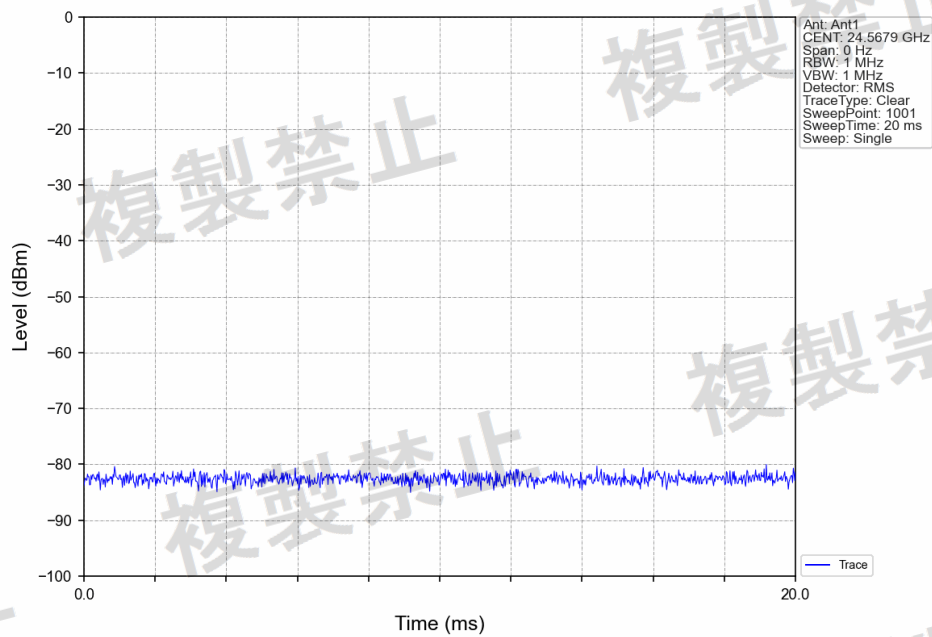


802.11a MCH 5200MHz Ant1 NTV

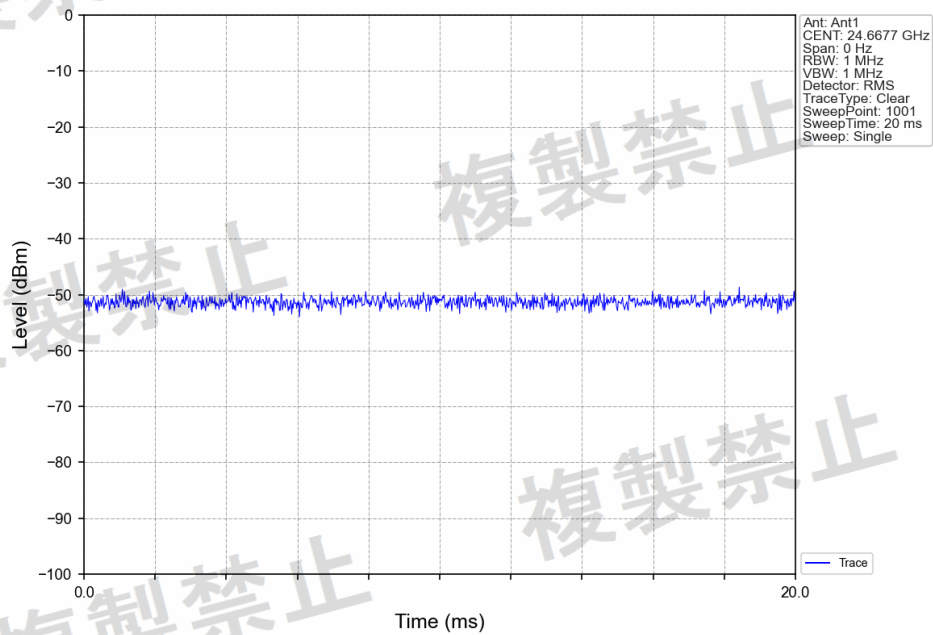


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	A/V Power (dBm)	Gain (dBi)	PK EIRP (dBm)	A/V EIRP (dBm)	Limit (dBm)	Result
30	5135	1	1	5113.500	-47.06	/	2.65	-44.41	/	-33.01	Pass
5365	26000	1	1	24567.931	-36.63	-82.54	2.65	-33.98	-79.89	-33.01	Pass
5365	26000	1	1	24667.667	-36.13	-51.25	2.65	-33.48	-48.60	-33.01	Pass
5365	26000	1	1	25147.775	-36.79	-82.41	2.65	-34.14	-79.76	-33.01	Pass
5365	26000	1	1	25312.167	-37.07	-81.81	2.65	-34.42	-79.16	-33.01	Pass
5365	26000	1	1	25968.360	-36.84	-81.30	2.65	-34.19	-78.65	-33.01	Pass

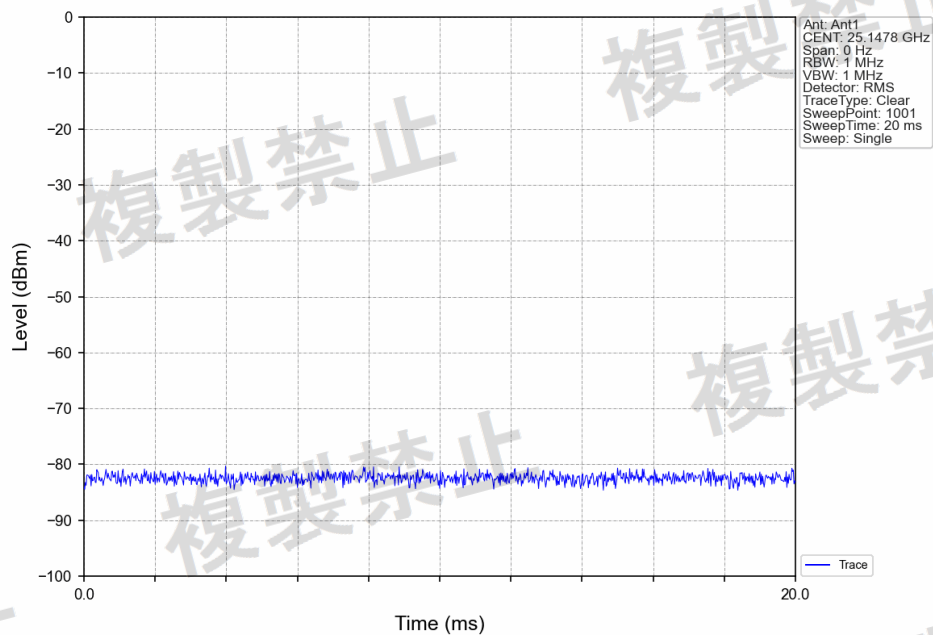
802.11a MCH 5200MHz Ant1 NTV



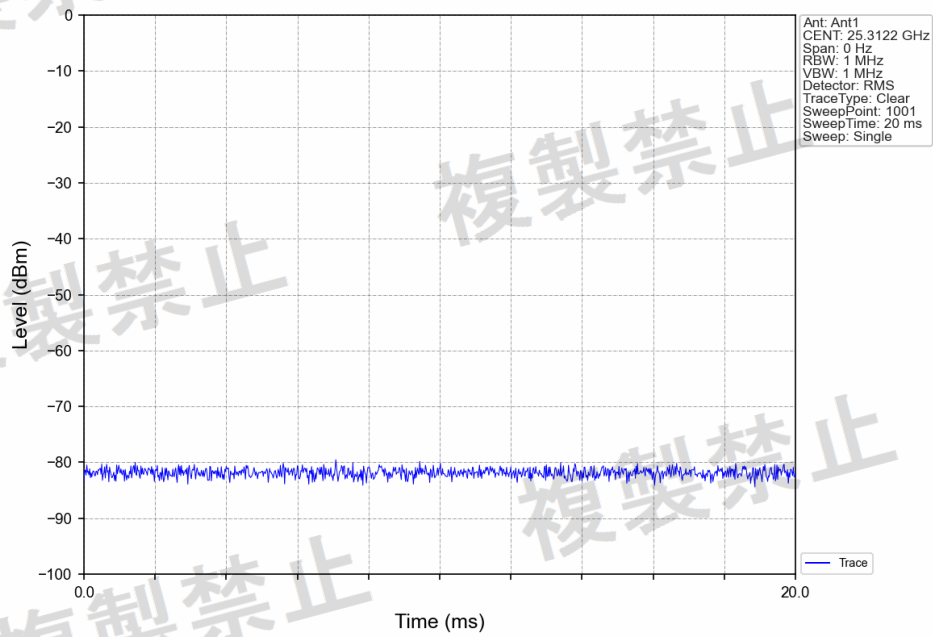
802.11a MCH 5200MHz Ant1 NTVN



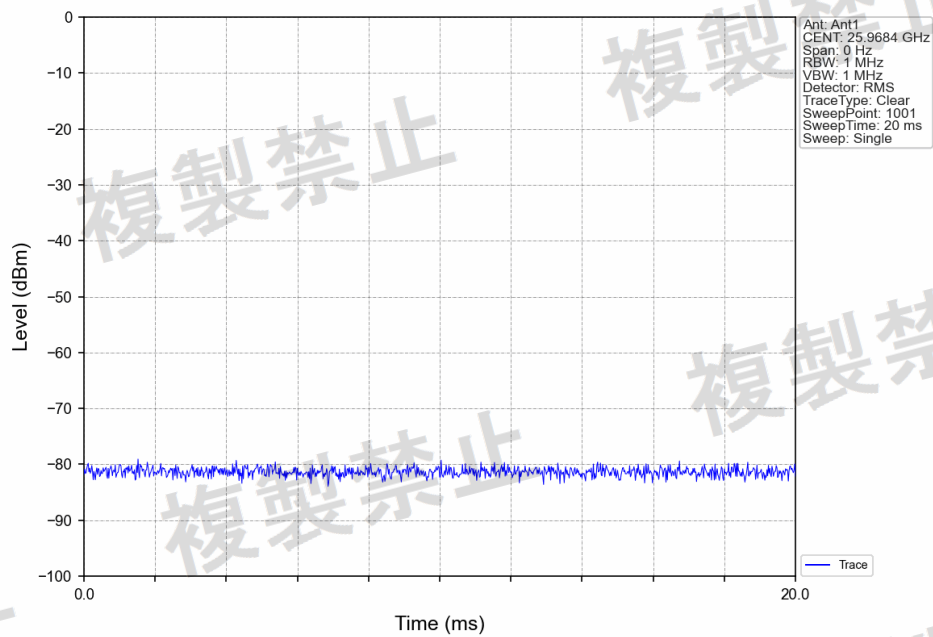
802.11a MCH 5200MHz Ant1 NTVN



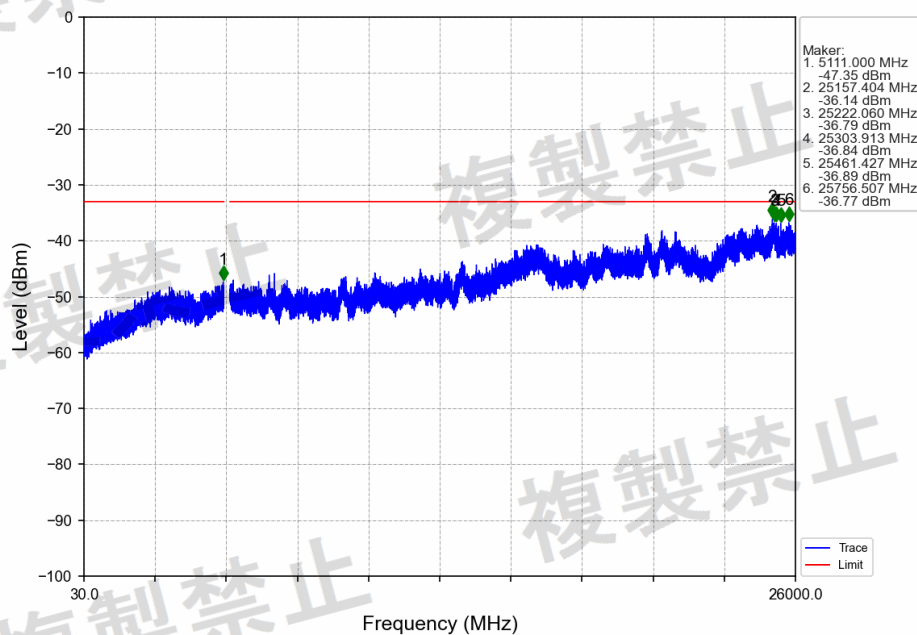
802.11a MCH 5200MHz Ant1 NTV



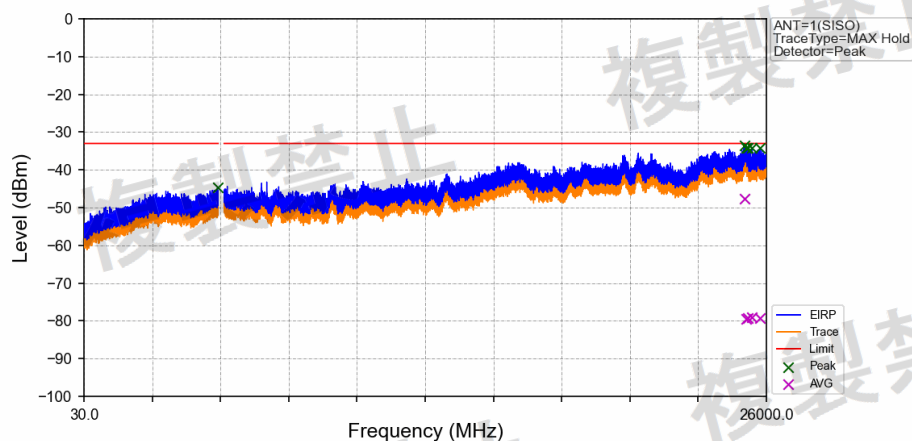
802.11a MCH 5200MHz Ant1 NTV



802.11a HCH 5240MHz Ant1 NTVN

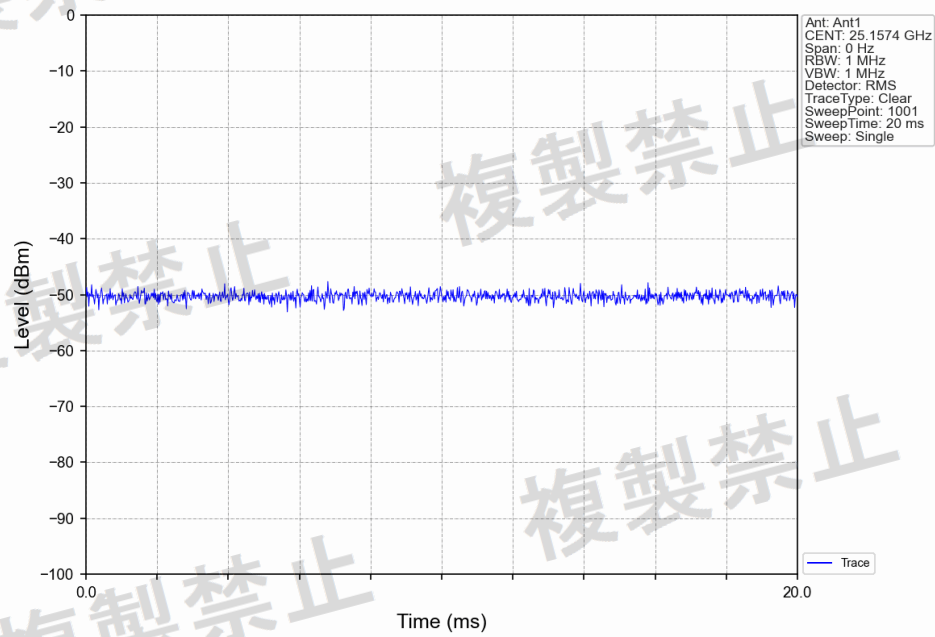


802.11a HCH 5240MHz Ant1 NTVN

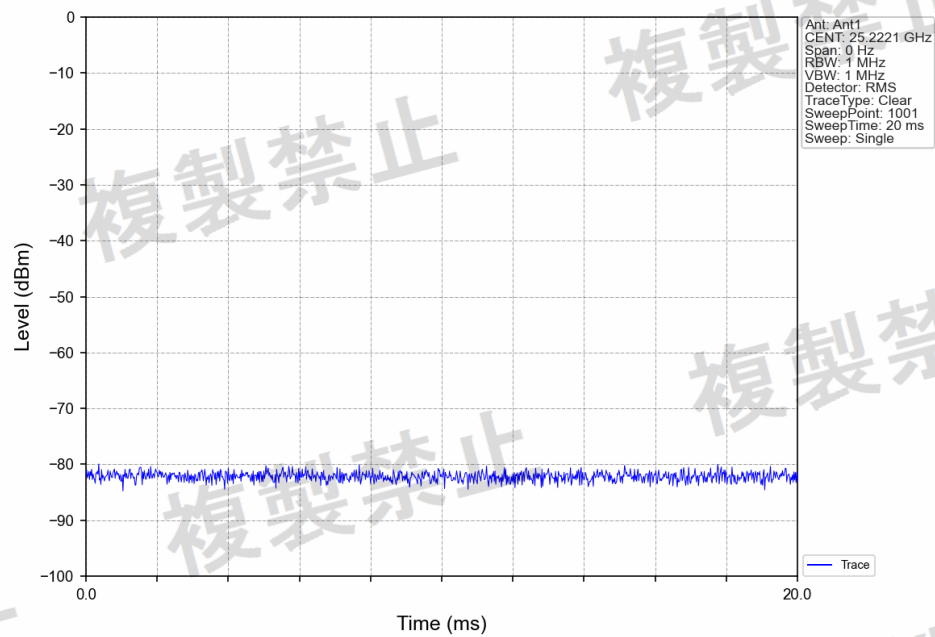


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
30	5135	1	1	5111.000	-47.35	/	2.65	-44.70	/	-33.01	Pass
5365	26000	1	1	25157.404	-36.14	-50.26	2.65	-33.49	-47.61	-33.01	Pass
5365	26000	1	1	25222.061	-36.79	-82.10	2.65	-34.14	-79.45	-33.01	Pass
5365	26000	1	1	25303.913	-36.84	-81.85	2.65	-34.19	-79.20	-33.01	Pass
5365	26000	1	1	25461.427	-36.89	-81.74	2.65	-34.24	-79.09	-33.01	Pass
5365	26000	1	1	25756.507	-36.77	-81.86	2.65	-34.12	-79.21	-33.01	Pass

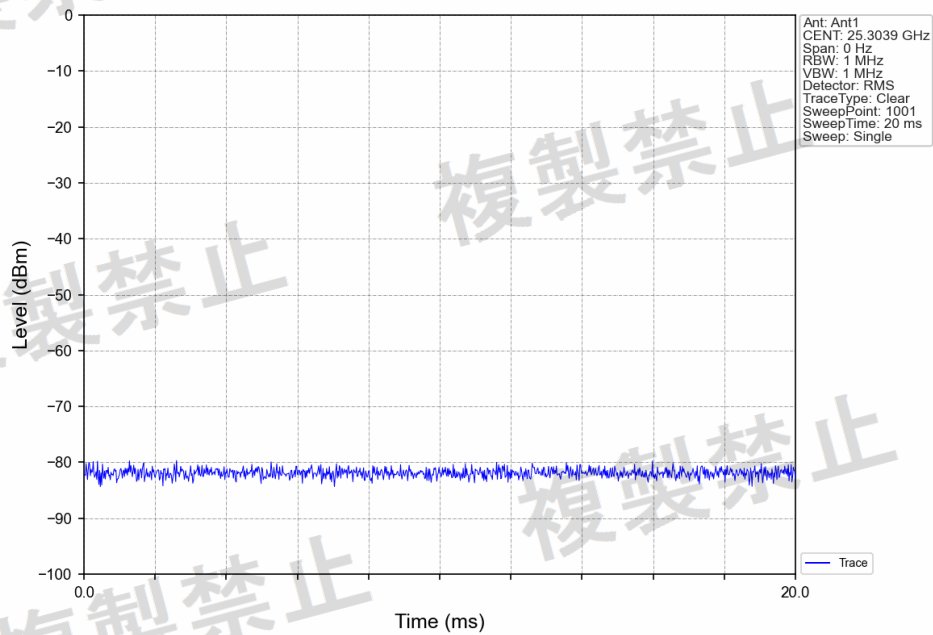
802.11a HCH 5240MHz Ant1 NTVN



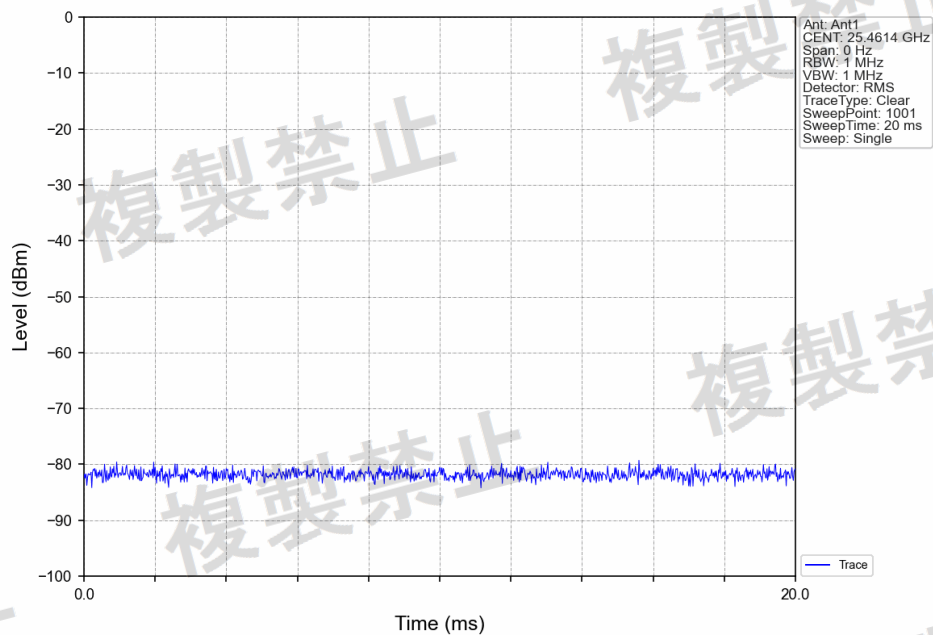
802.11a HCH 5240MHz Ant1 NTVN



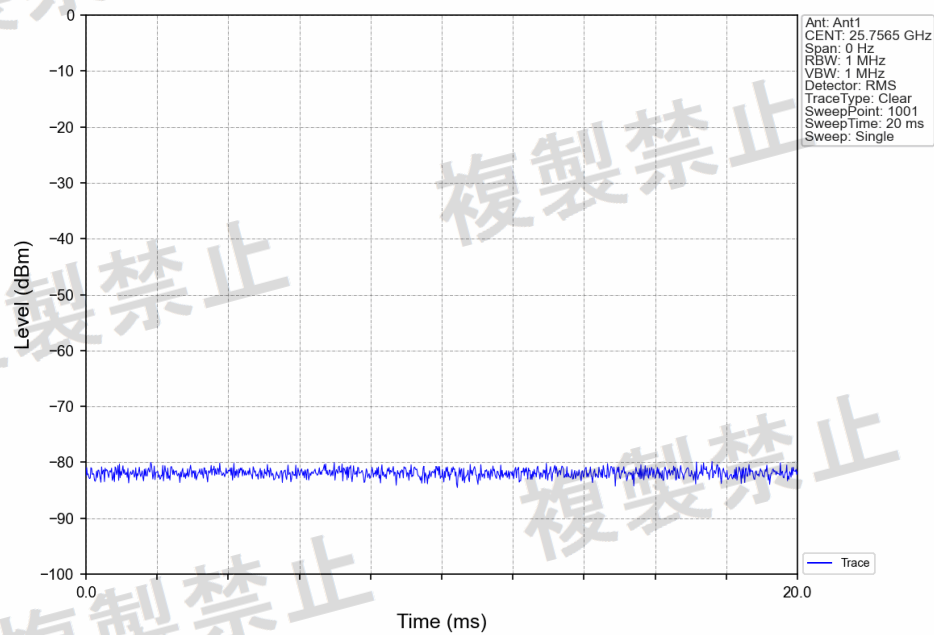
802.11a HCH 5240MHz Ant1 NTVN



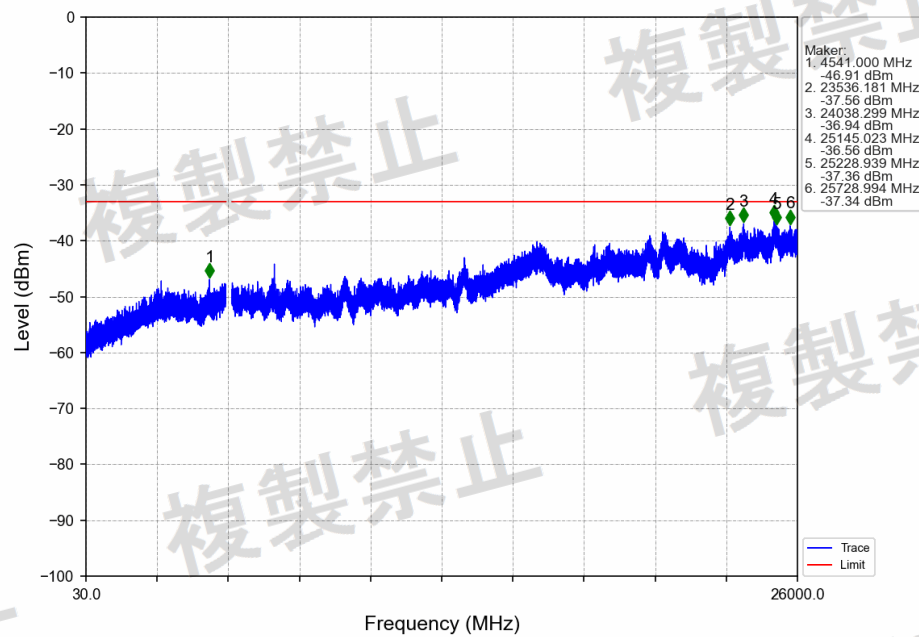
802.11a HCH 5240MHz Ant1 NTVN



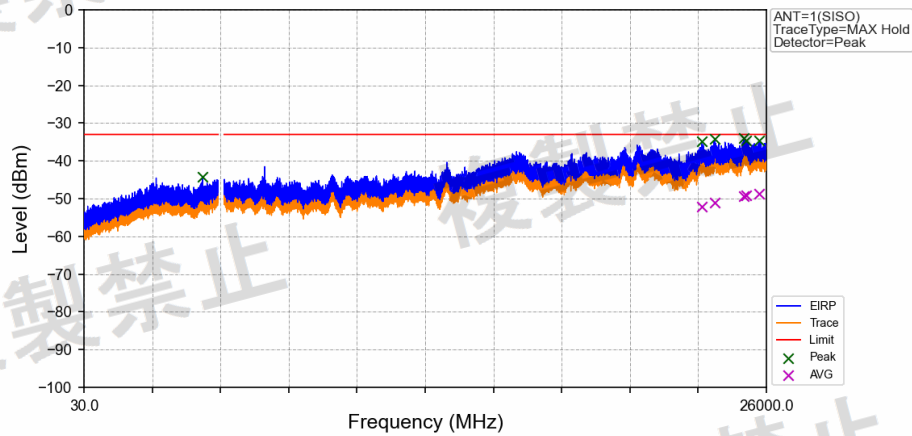
802.11a HCH 5240MHz Ant1 NTVN



802.11n(HT20) LCH 5180MHz Ant1 NTVN

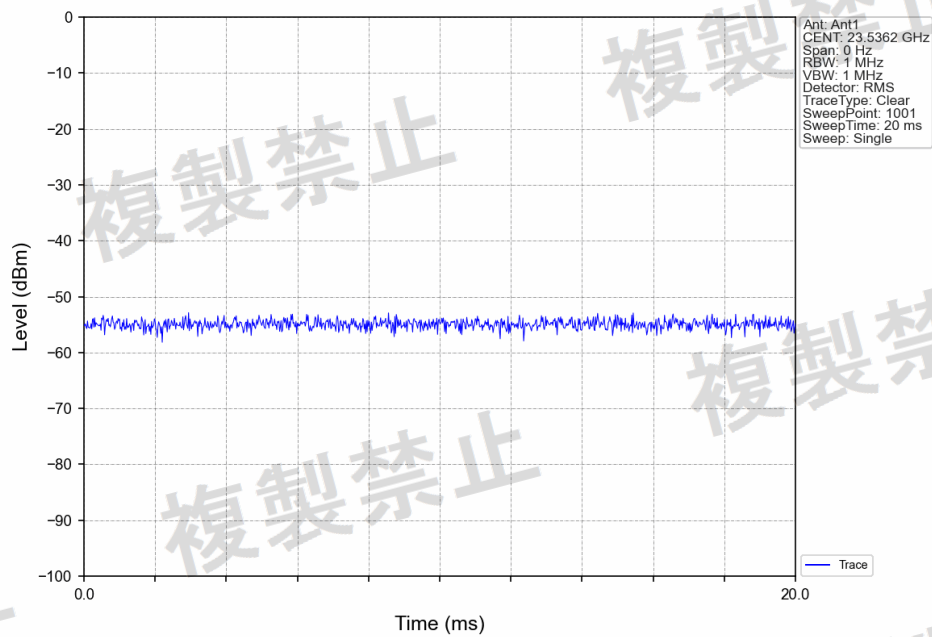


802.11n(HT20) LCH 5180MHz Ant1 NTV

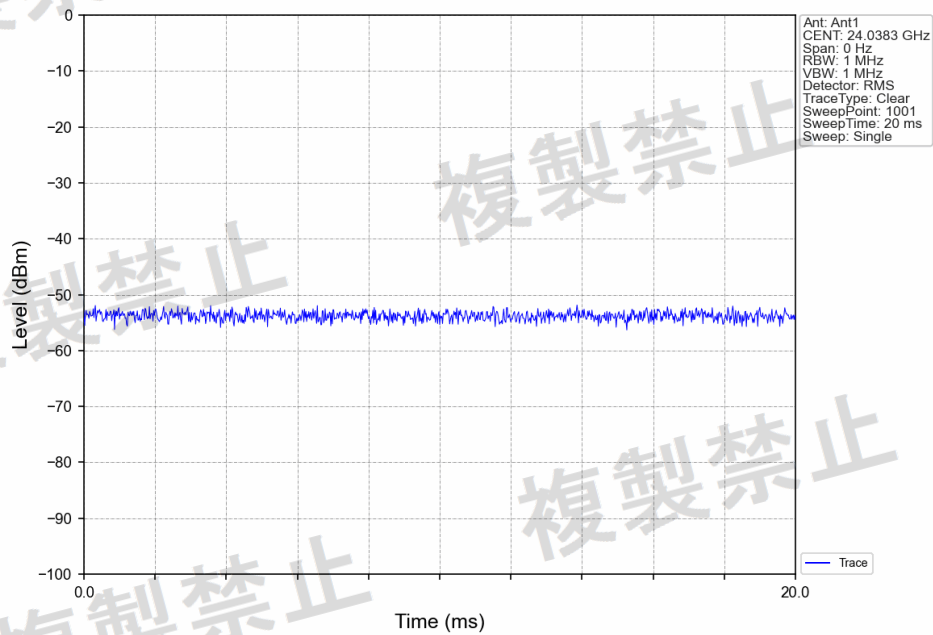


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
30	5135	1	1	4541.000	-46.91	/	2.65	-44.26	/	-33.01	Pass
5365	26000	1	1	23536.181	-37.56	-54.89	2.65	-34.91	-52.24	-33.01	Pass
5365	26000	1	1	24038.299	-36.94	-53.76	2.65	-34.29	-51.11	-33.01	Pass
5365	26000	1	1	25145.023	-36.56	-51.92	2.65	-33.91	-49.27	-33.01	Pass
5365	26000	1	1	25228.939	-37.36	-51.71	2.65	-34.71	-49.06	-33.01	Pass
5365	26000	1	1	25728.994	-37.34	-51.39	2.65	-34.69	-48.74	-33.01	Pass

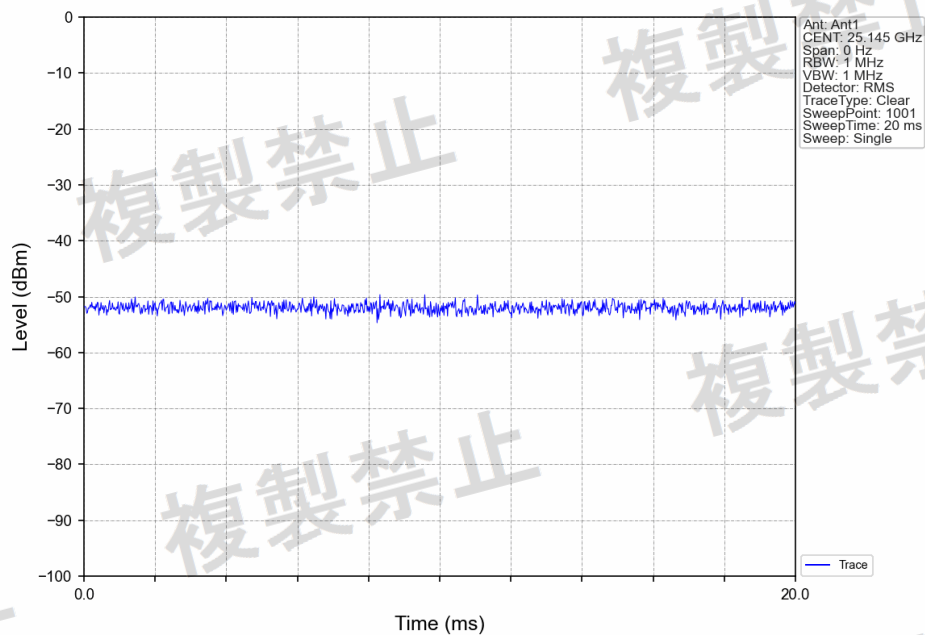
802.11n(HT20) LCH 5180MHz Ant1 NTV



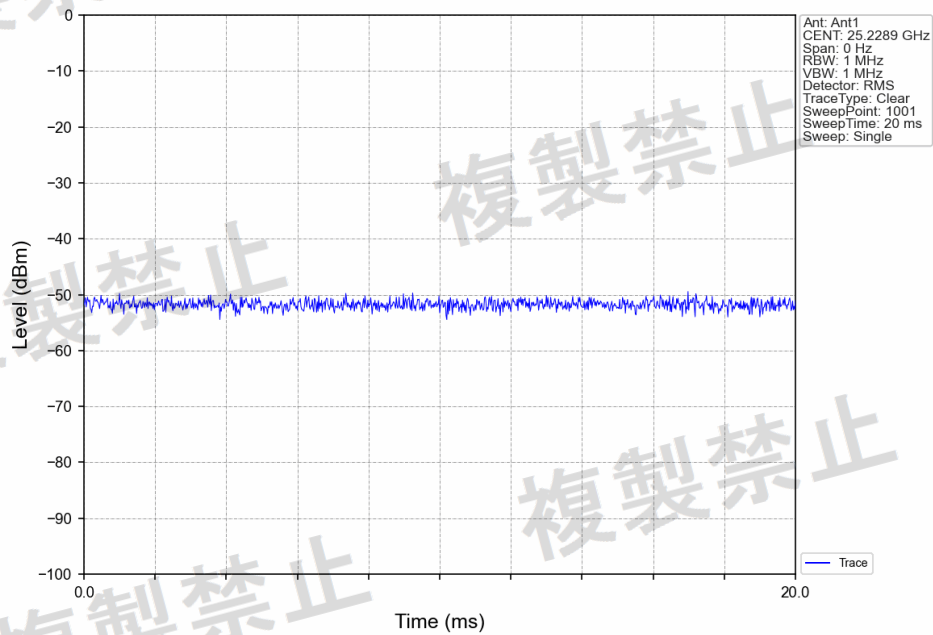
802.11n(HT20) LCH 5180MHz Ant1 NTN



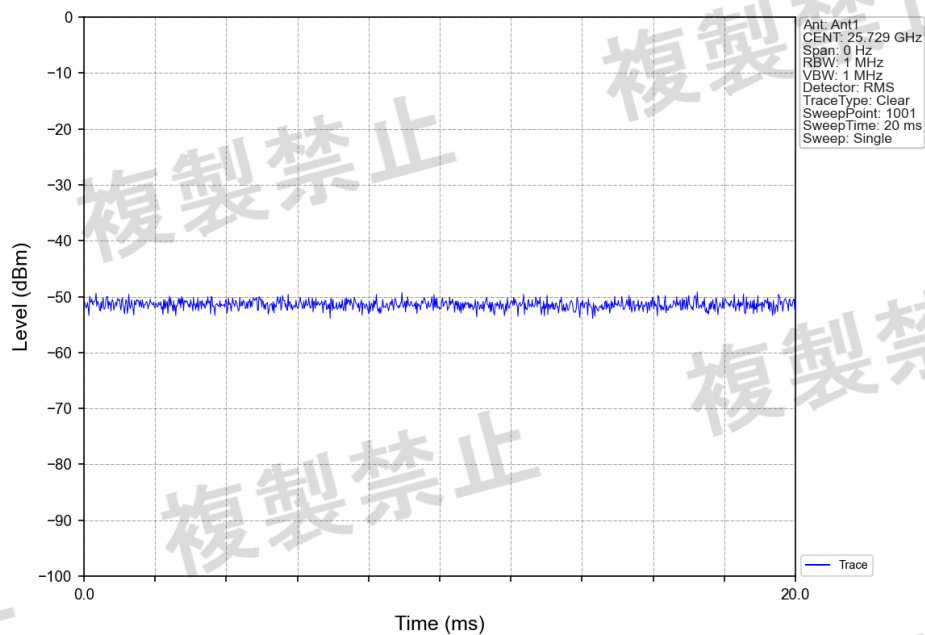
802.11n(HT20) LCH 5180MHz Ant1 NTN



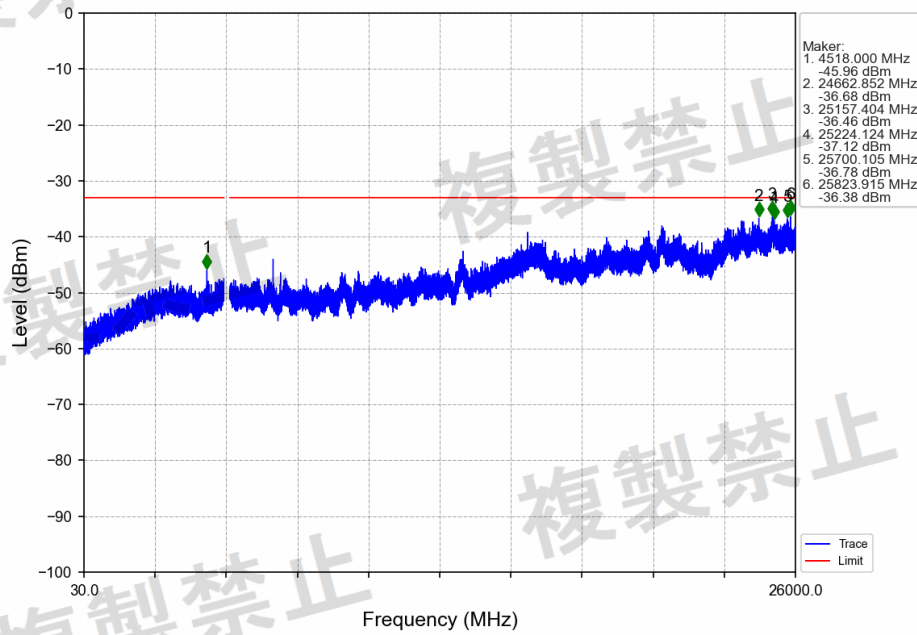
802.11n(HT20) LCH 5180MHz Ant1 NTV



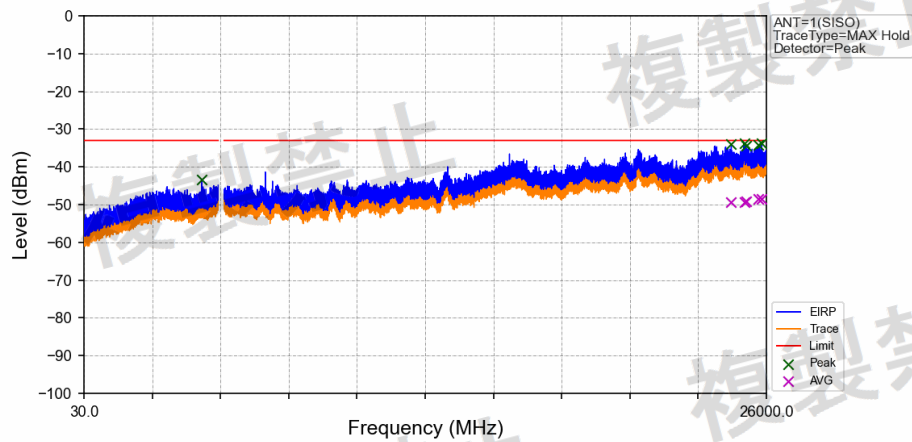
802.11n(HT20) LCH 5180MHz Ant1 NTV



802.11n(HT20) MCH 5200MHz Ant1 NTV

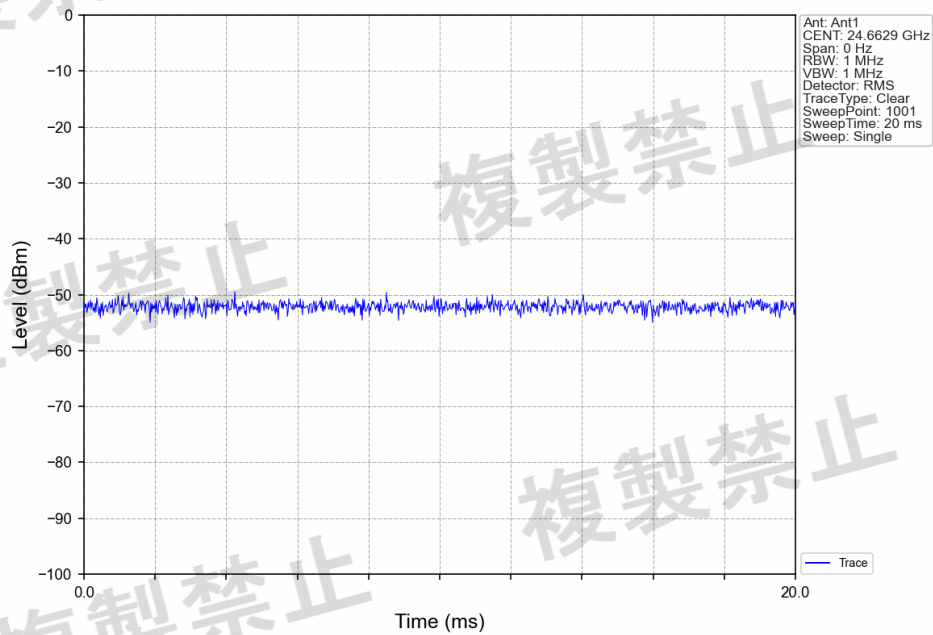


802.11n(HT20) MCH 5200MHz Ant1 NTV

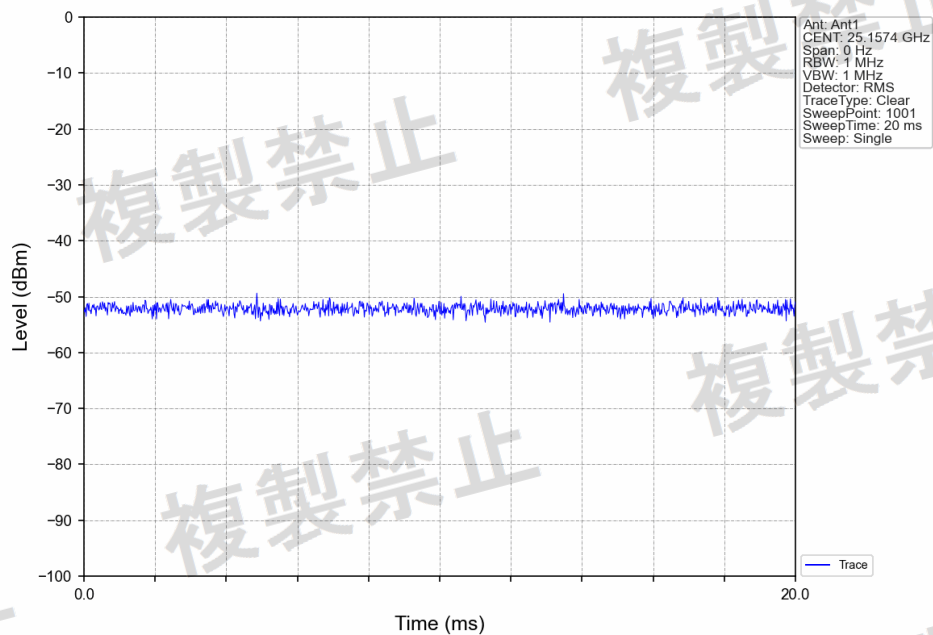


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
30	5135	1	1	4518.000	-45.96	/	2.65	-43.31	/	-33.01	Pass
5365	26000	1	1	24662.852	-36.68	-52.11	2.65	-34.03	-49.46	-33.01	Pass
5365	26000	1	1	25157.404	-36.46	-52.10	2.65	-33.81	-49.45	-33.01	Pass
5365	26000	1	1	25224.124	-37.12	-51.79	2.65	-34.47	-49.14	-33.01	Pass
5365	26000	1	1	25700.105	-36.78	-51.13	2.65	-34.13	-48.48	-33.01	Pass
5365	26000	1	1	25823.915	-36.38	-51.11	2.65	-33.73	-48.46	-33.01	Pass

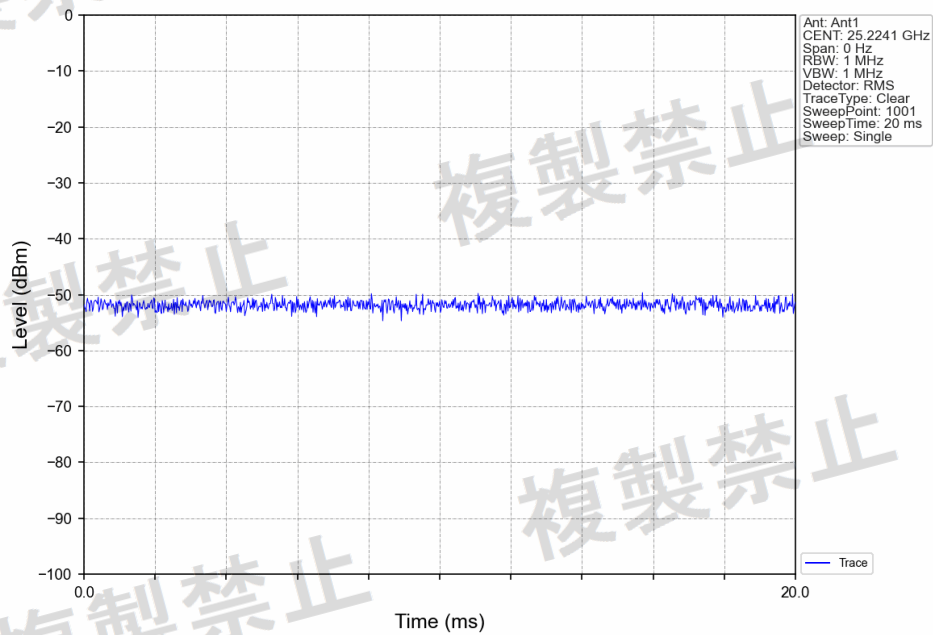
802.11n(HT20) MCH 5200MHz Ant1 NTN



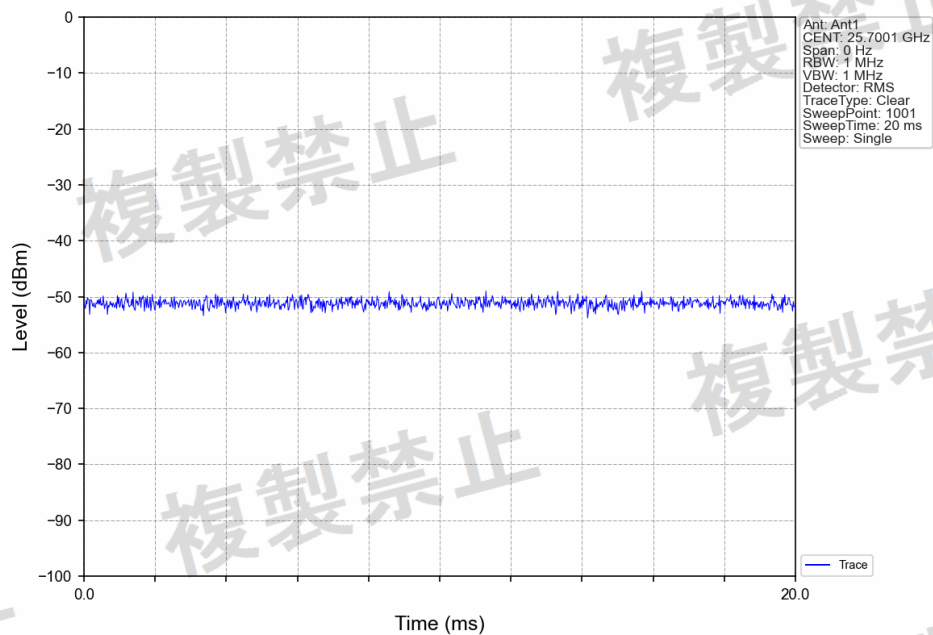
802.11n(HT20) MCH 5200MHz Ant1 NTN



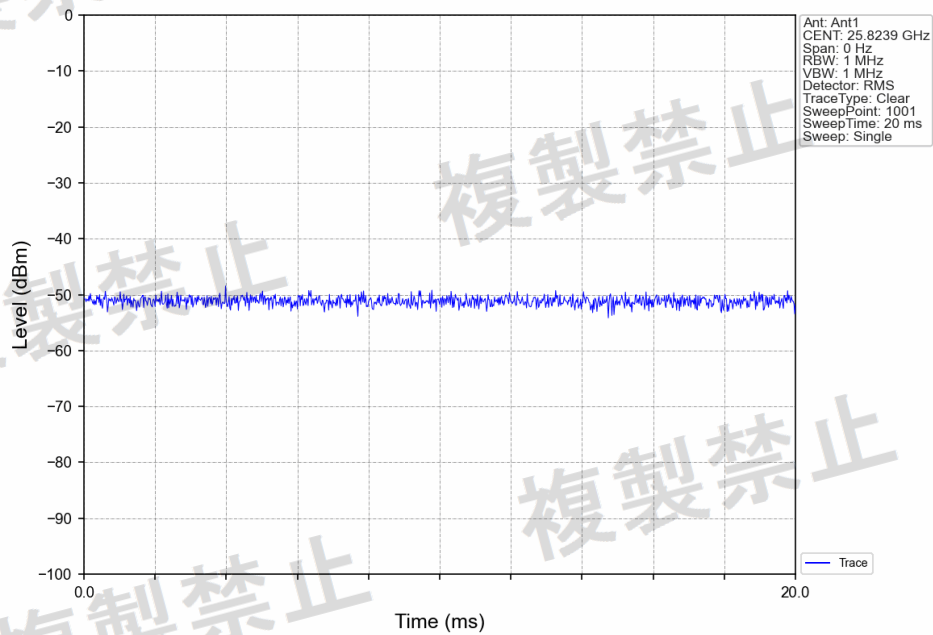
802.11n(HT20) MCH 5200MHz Ant1 NTV



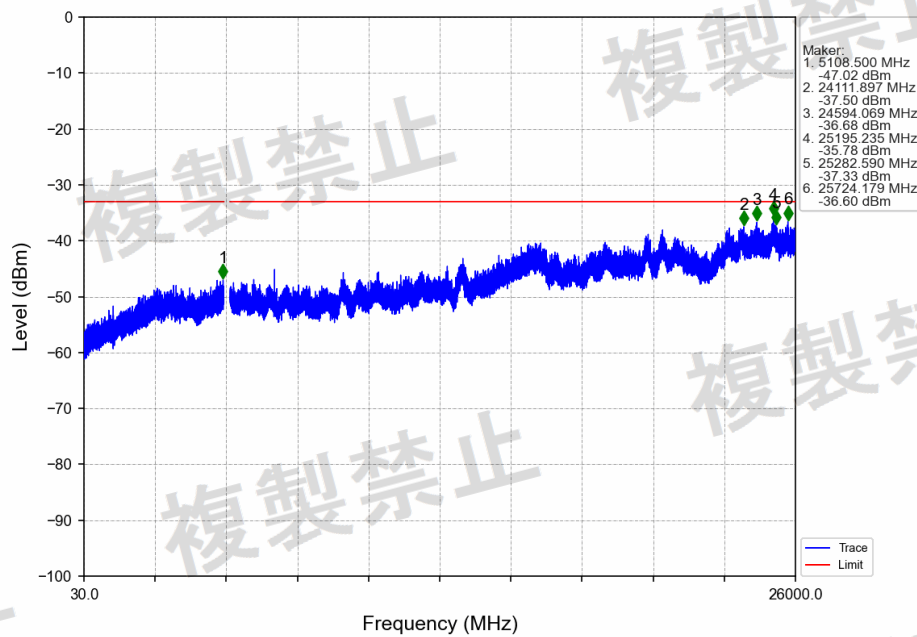
802.11n(HT20) MCH 5200MHz Ant1 NTV



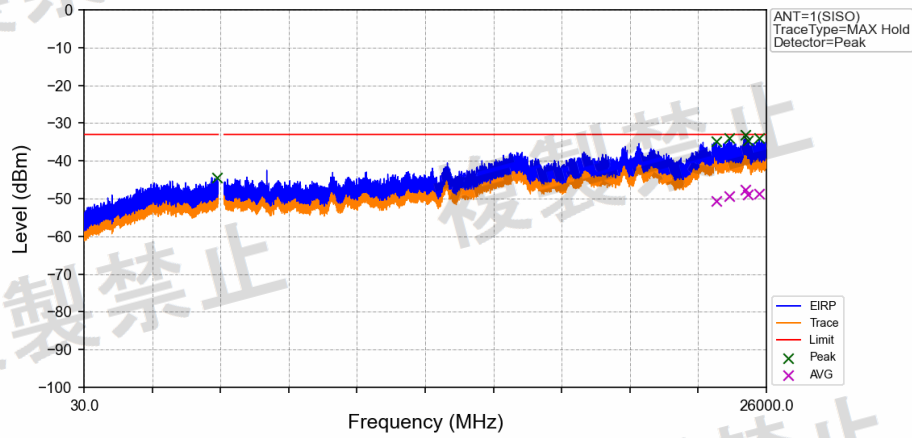
802.11n(HT20) MCH 5200MHz Ant1 NTV



802.11n(HT20) HCH 5240MHz Ant1 NTV

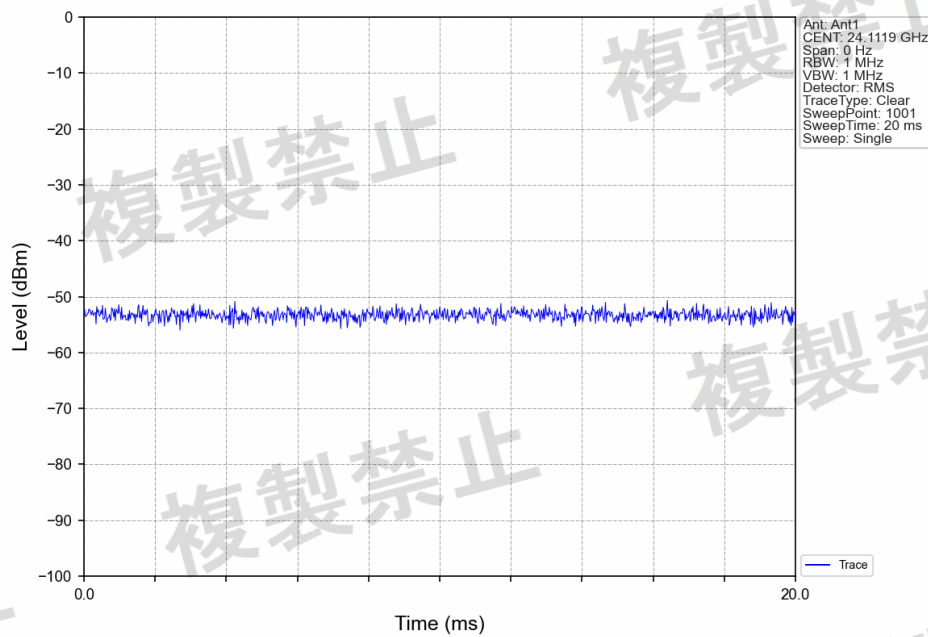


802.11n(HT20) HCH 5240MHz Ant1 NTV

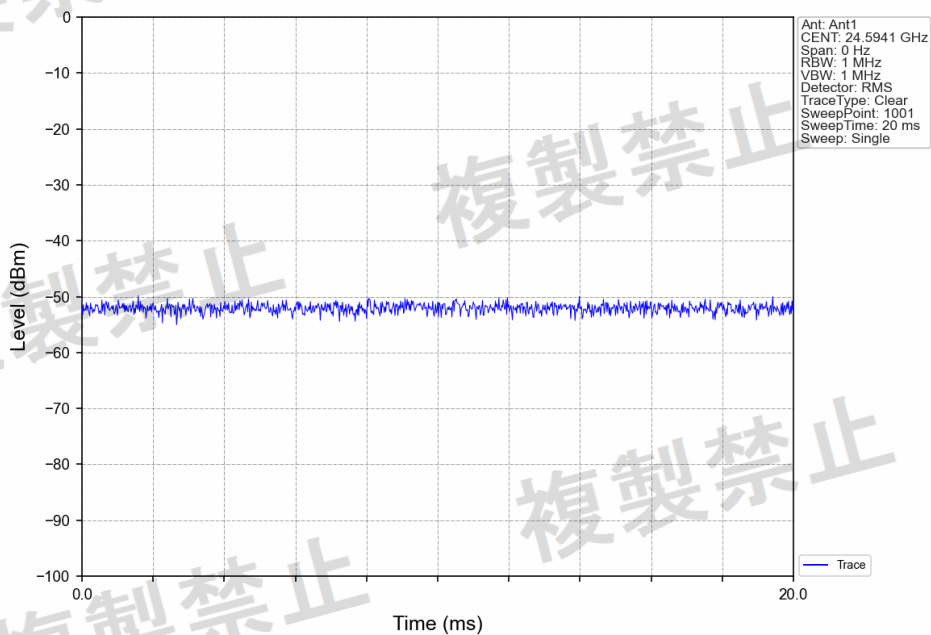


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
30	5135	1	1	5108.500	-47.02	/	2.65	-44.37	/	-33.01	Pass
5365	26000	1	1	24111.898	-37.50	-53.21	2.65	-34.85	-50.56	-33.01	Pass
5365	26000	1	1	24594.069	-36.68	-52.02	2.65	-34.03	-49.37	-33.01	Pass
5365	26000	1	1	25195.235	-35.78	-50.25	2.65	-33.13	-47.60	-33.01	Pass
5365	26000	1	1	25262.590	-37.33	-51.48	2.65	-34.68	-48.83	-33.01	Pass
5365	26000	1	1	25724.179	-36.60	-51.35	2.65	-33.95	-48.70	-33.01	Pass

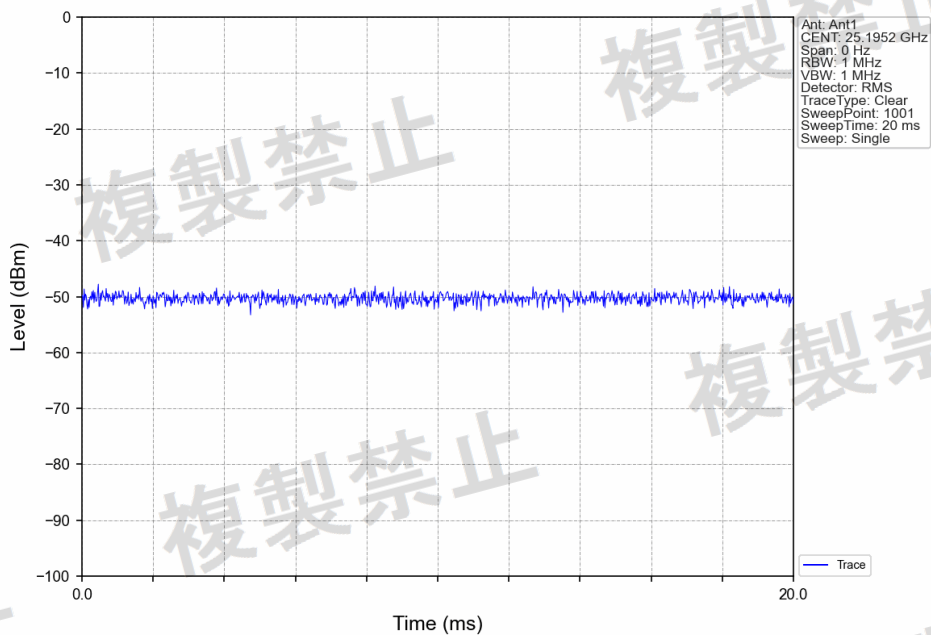
802.11n(HT20) HCH 5240MHz Ant1 NTV



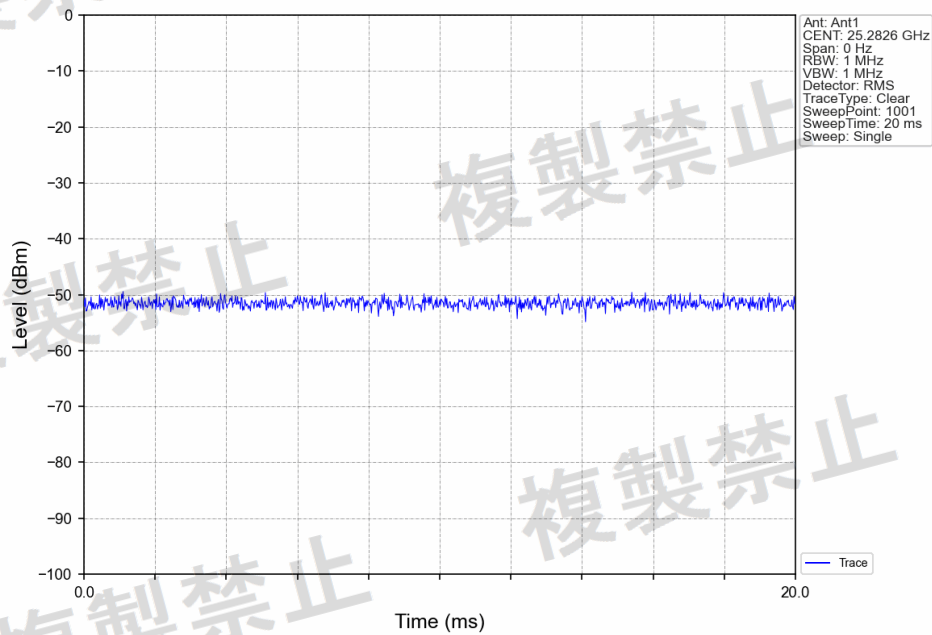
802.11n(HT20) HCH 5240MHz Ant1 NTV



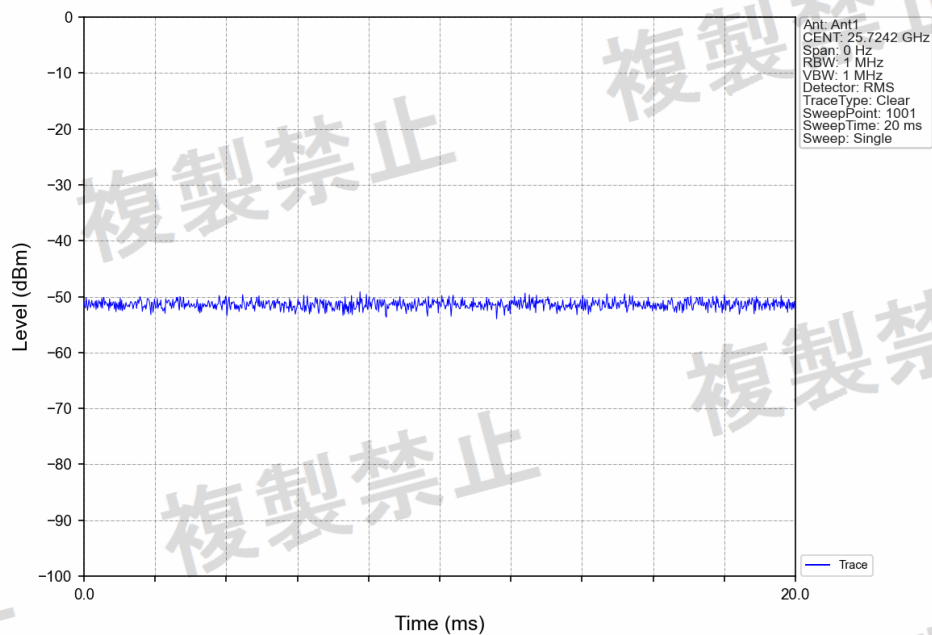
802.11n(HT20) HCH 5240MHz Ant1 NTV



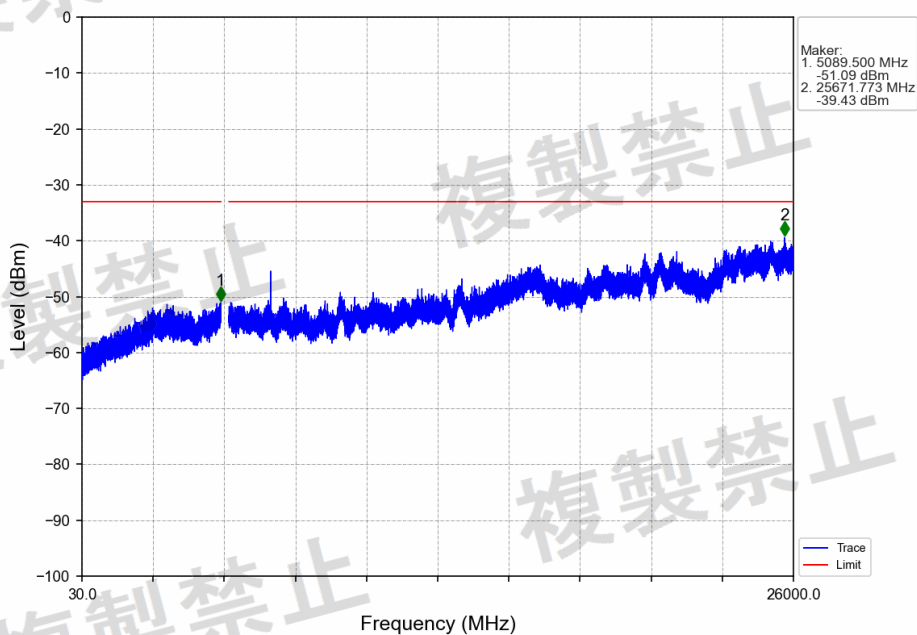
802.11n(HT20) HCH 5240MHz Ant1 NTV



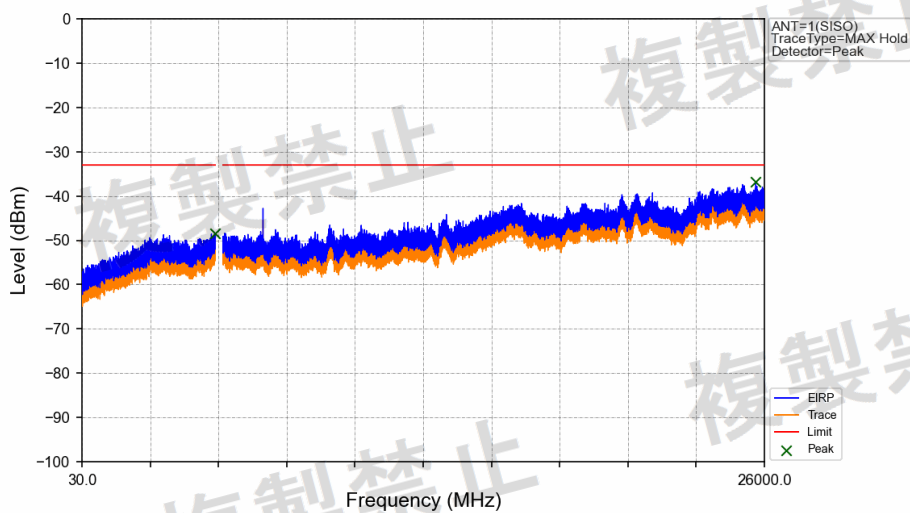
802.11n(HT20) HCH 5240MHz Ant1 NTV



802.11n(HT40) LCH 5190MHz Ant1 NTV

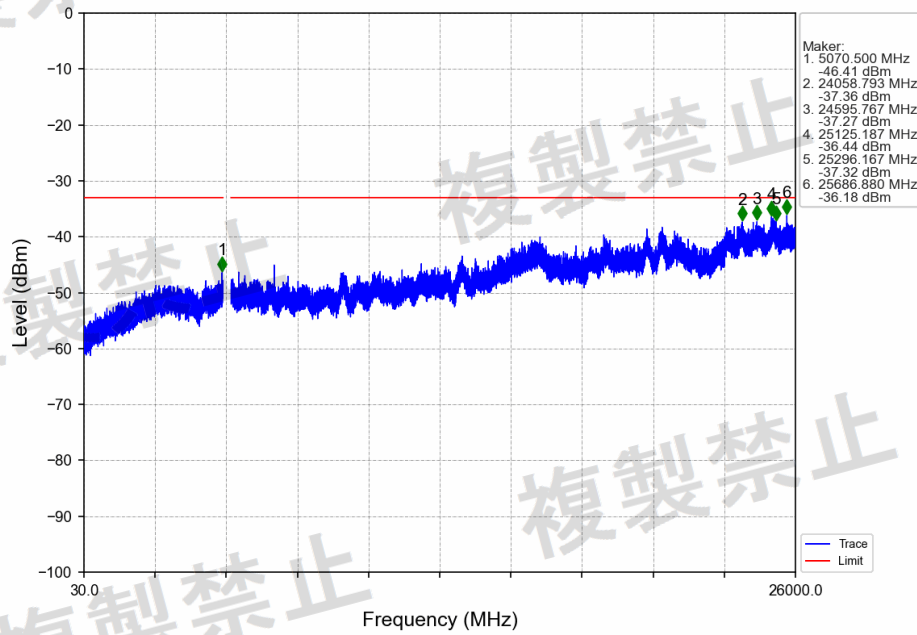


802.11n(HT40) LCH 5190MHz Ant1 NTV

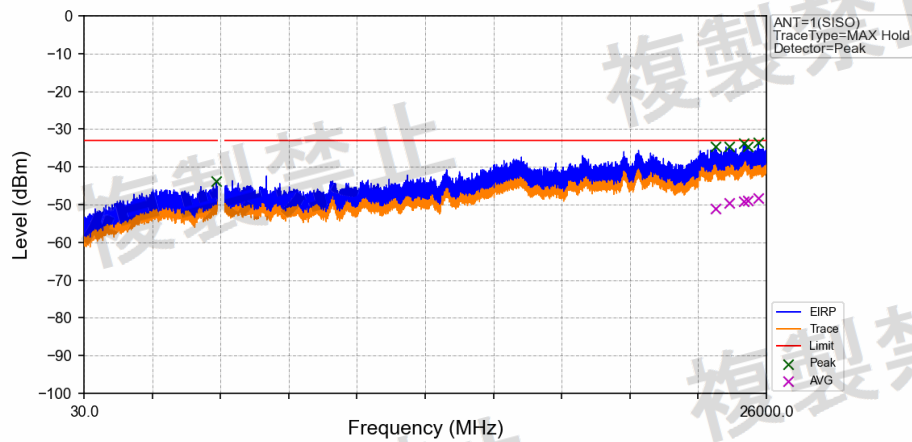


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
30	5100	1	1	5089.500	-51.09	/	2.65	-48.44	/	-33.01	Pass
5400	26000	1	1	25671.773	-39.43	/	2.65	-36.78	/	-33.01	Pass

802.11n(HT40) HCH 5230MHz Ant1 NTV



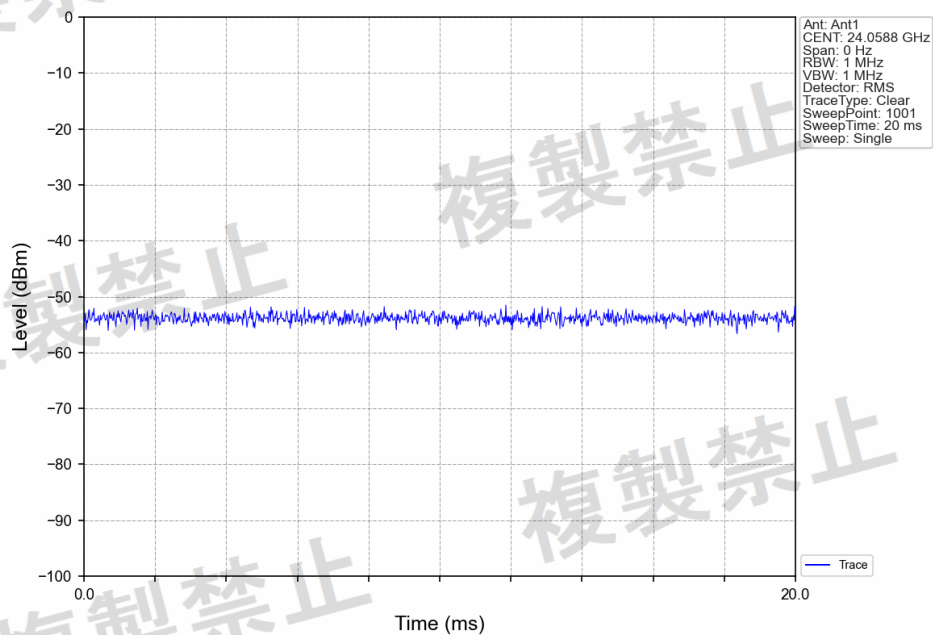
802.11n(HT40) HCH 5230MHz Ant1 NTV



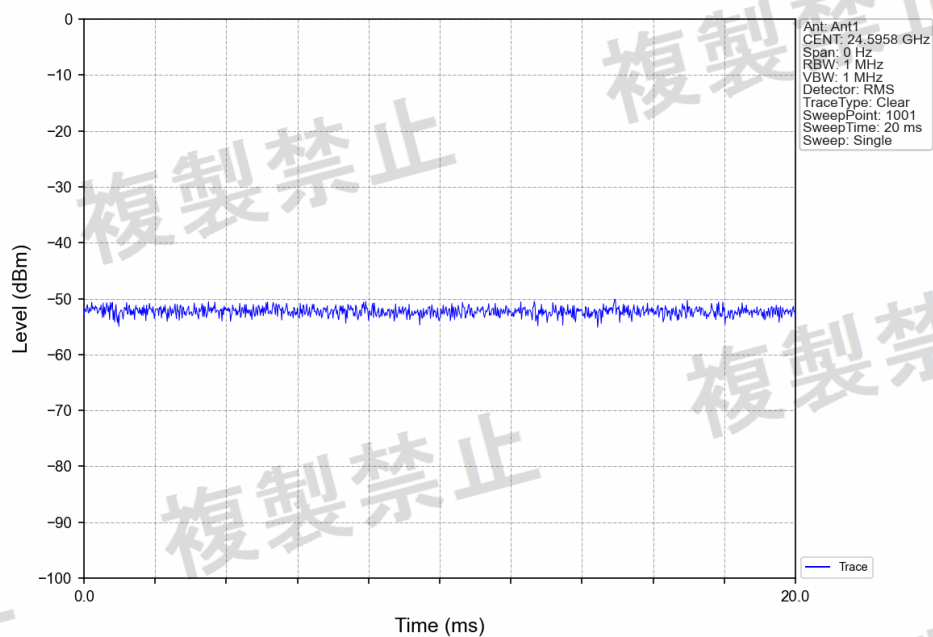
Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
30	5100	1	1	5070.500	-46.41	/	2.65	-43.76	/	-33.01	Pass
5400	26000	1	1	24058.793	-37.36	-53.78	2.65	-34.71	-51.13	-33.01	Pass
5400	26000	1	1	24595.767	-37.27	-52.24	2.65	-34.62	-49.59	-33.01	Pass
5400	26000	1	1	25125.187	-36.44	-51.88	2.65	-33.79	-49.23	-33.01	Pass
5400	26000	1	1	25296.167	-37.32	-51.61	2.65	-34.67	-48.96	-33.01	Pass
5400	26000	1	1	25686.880	-36.18	-50.86	2.65	-33.53	-48.21	-33.01	Pass



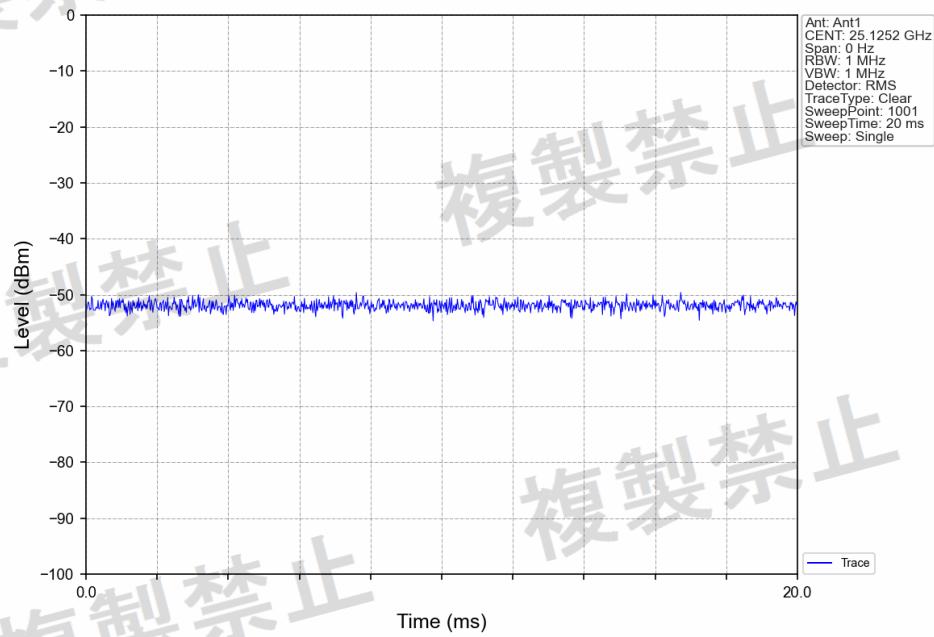
802.11n(HT40) HCH 5230MHz Ant1 NTV



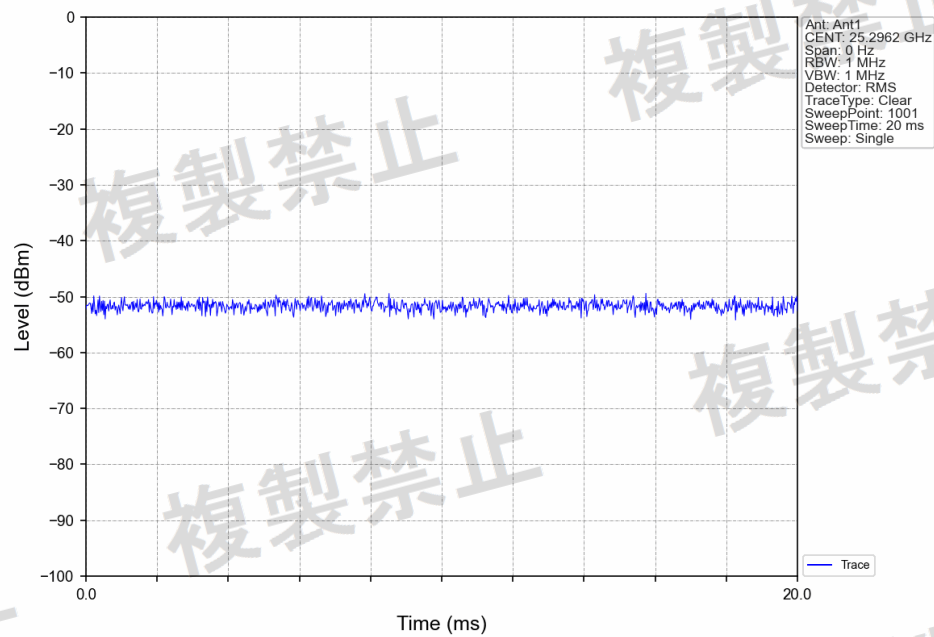
802.11n(HT40) HCH 5230MHz Ant1 NTV



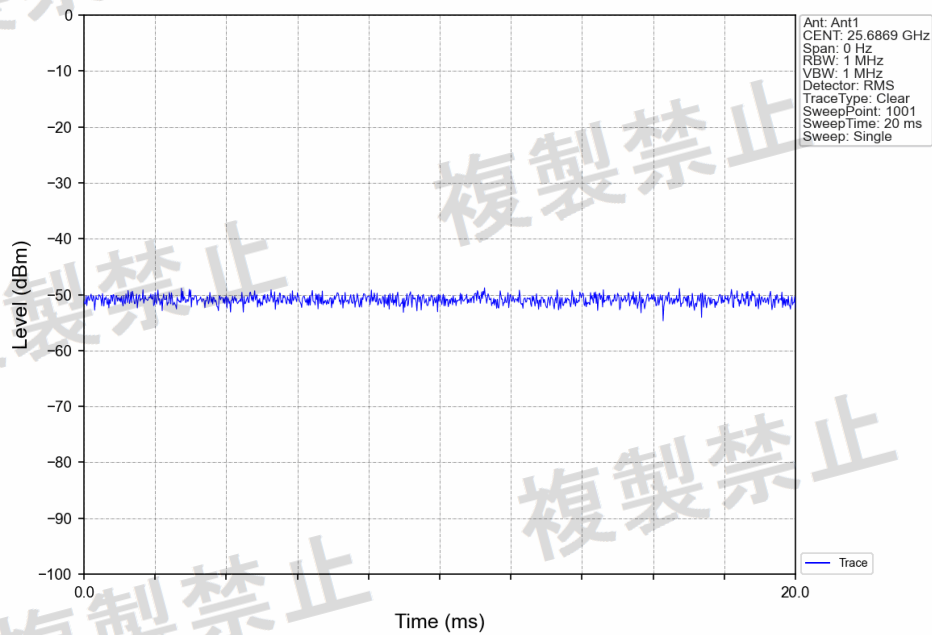
802.11n(HT40) HCH 5230MHz Ant1 NTV



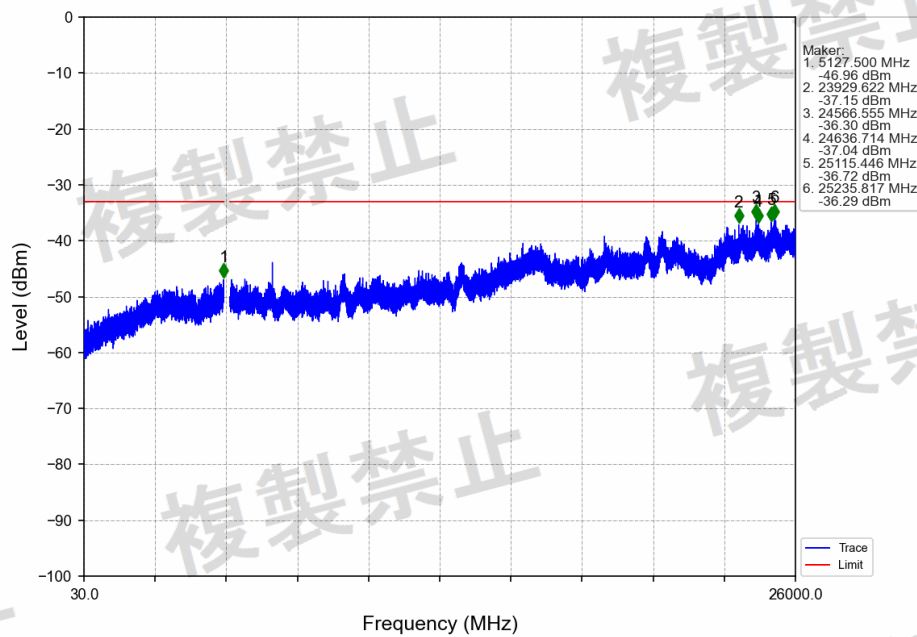
802.11n(HT40) HCH 5230MHz Ant1 NTV



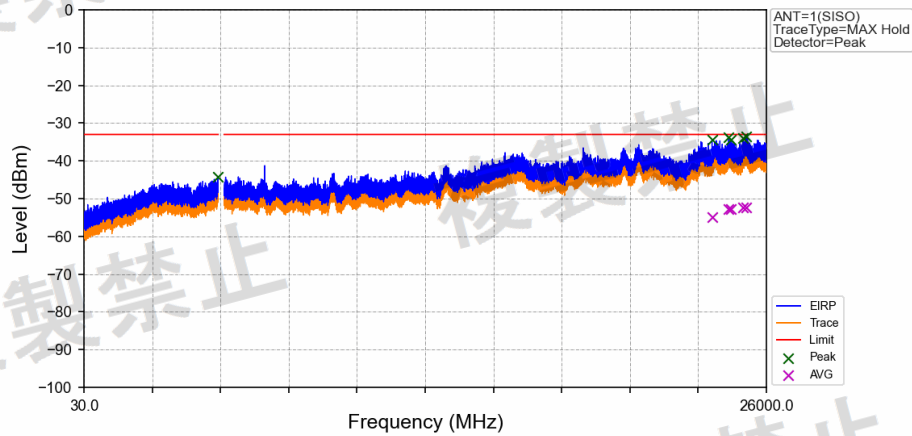
802.11n(HT40) HCH 5230MHz Ant1 NTV



802.11ac(VHT20) LCH 5180MHz Ant1 NTV

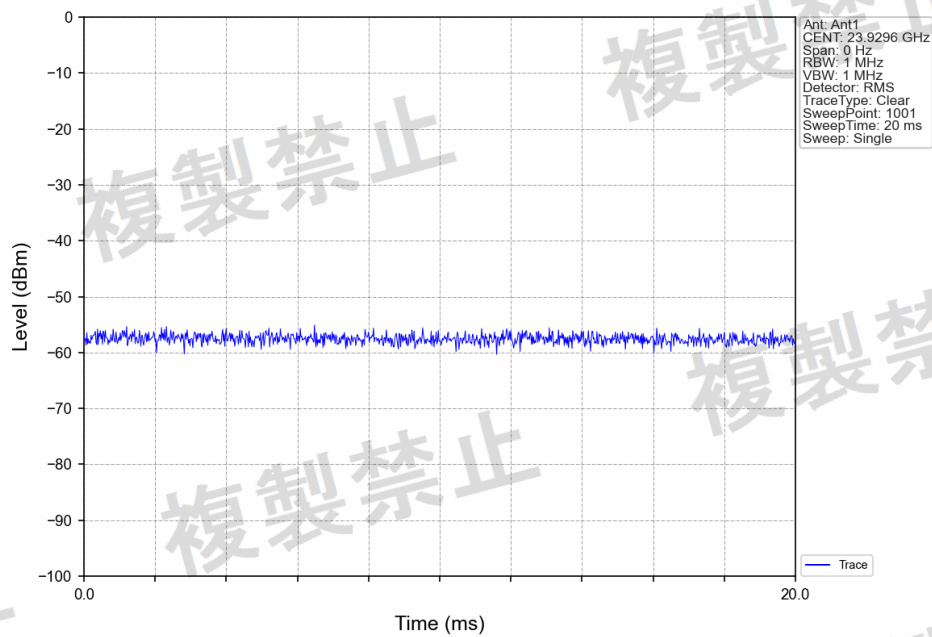


802.11ac(VHT20) LCH 5180MHz Ant1 NTVN

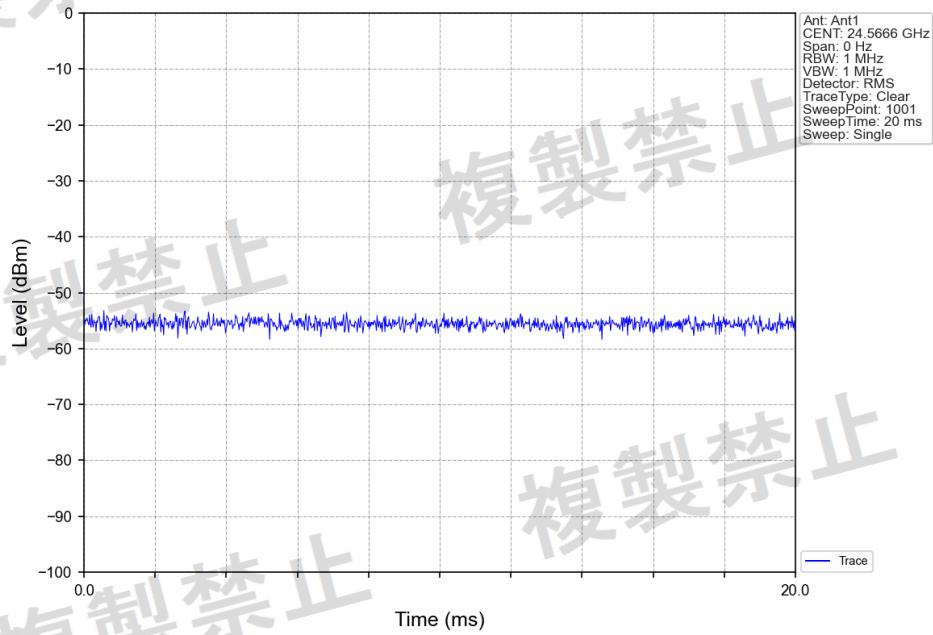


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
30	5135	1	1	5127.500	-46.96	/	2.65	-44.31	/	-33.01	Pass
5365	26000	1	1	23929.622	-37.15	-57.48	2.65	-34.50	-54.83	-33.01	Pass
5365	26000	1	1	24566.555	-36.30	-55.51	2.65	-33.65	-52.86	-33.01	Pass
5365	26000	1	1	24636.714	-37.04	-55.47	2.65	-34.39	-52.82	-33.01	Pass
5365	26000	1	1	25115.446	-36.72	-54.95	2.65	-34.07	-52.30	-33.01	Pass
5365	26000	1	1	25235.817	-36.29	-54.96	2.65	-33.64	-52.31	-33.01	Pass

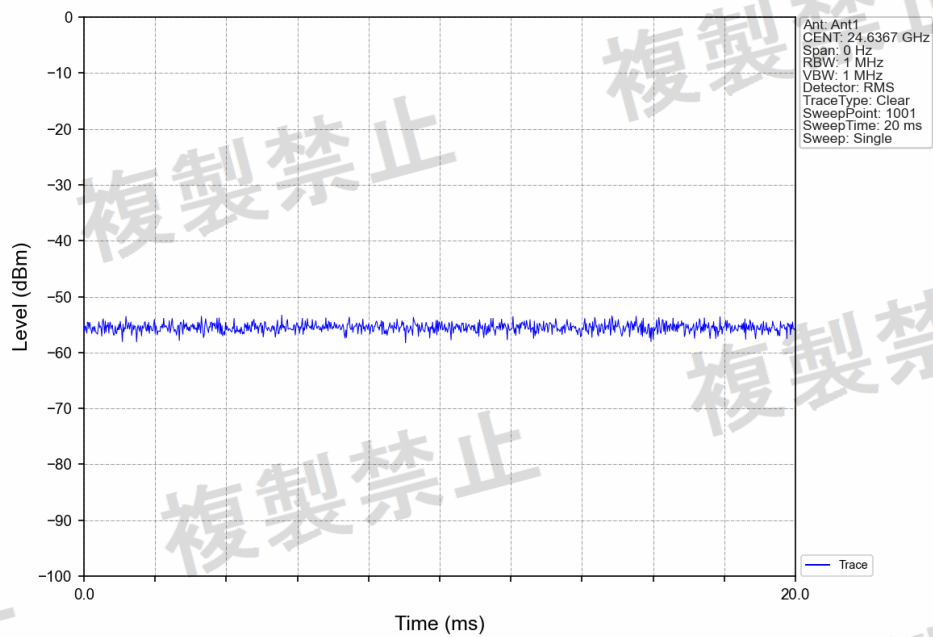
802.11ac(VHT20) LCH 5180MHz Ant1 NTVN



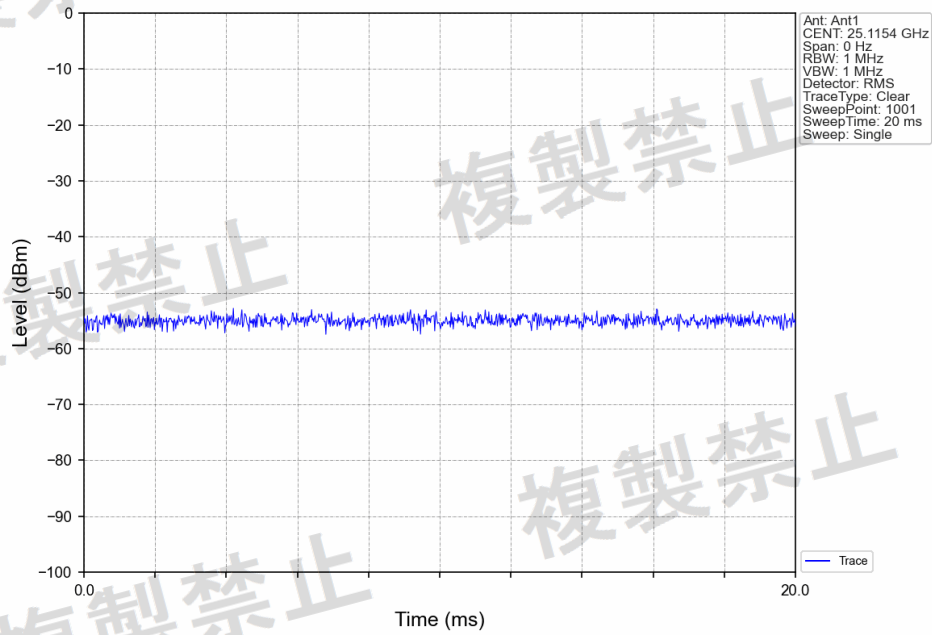
802.11ac(VHT20) LCH 5180MHz Ant1 NTN



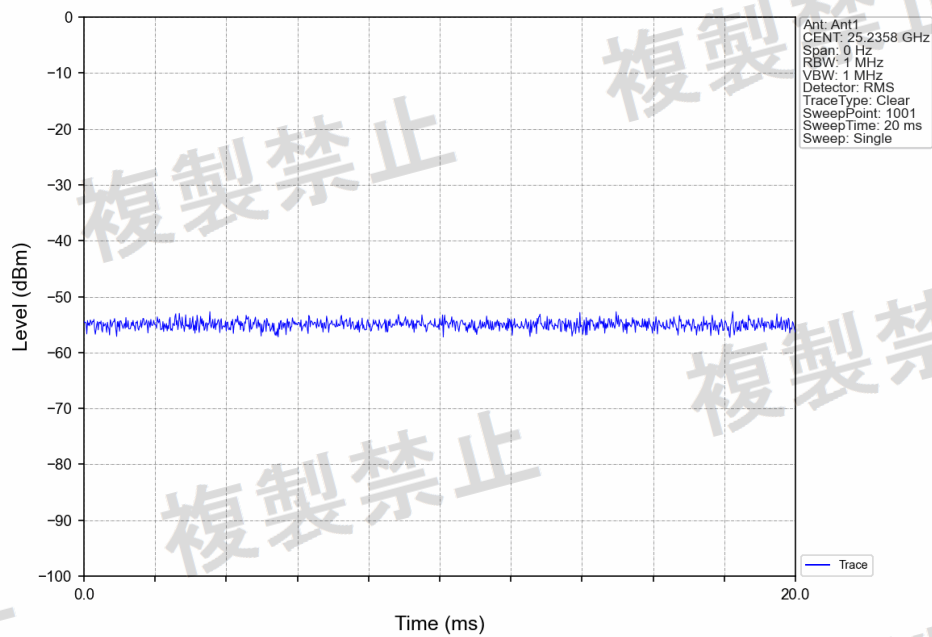
802.11ac(VHT20) LCH 5180MHz Ant1 NTN



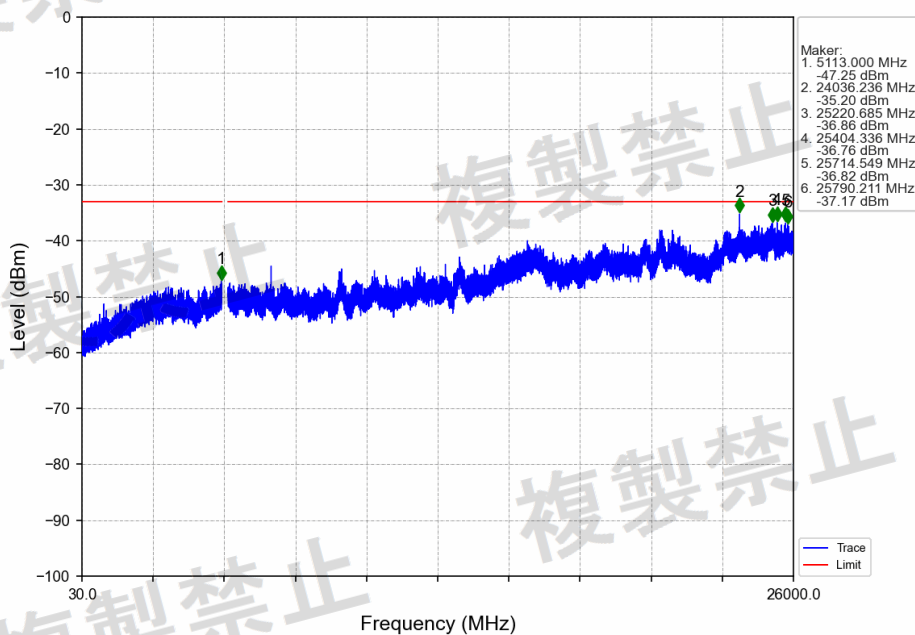
802.11ac(VHT20) LCH 5180MHz Ant1 NTVN



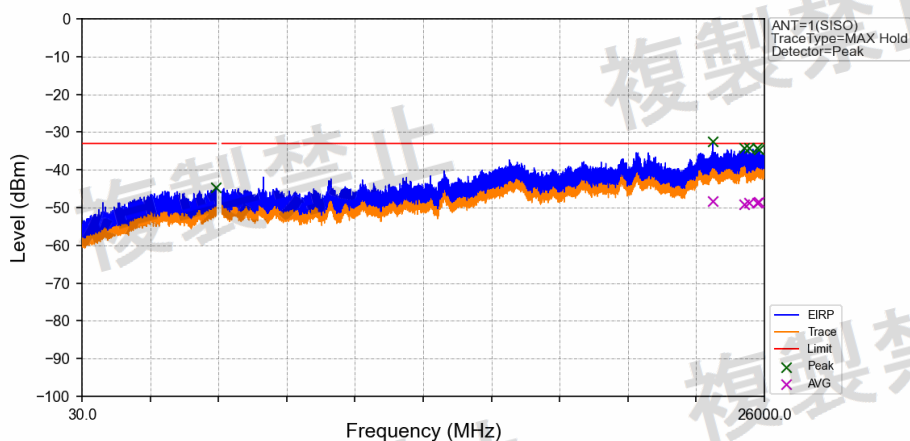
802.11ac(VHT20) LCH 5180MHz Ant1 NTVN



802.11ac(VHT20) MCH 5200MHz Ant1 NTVN

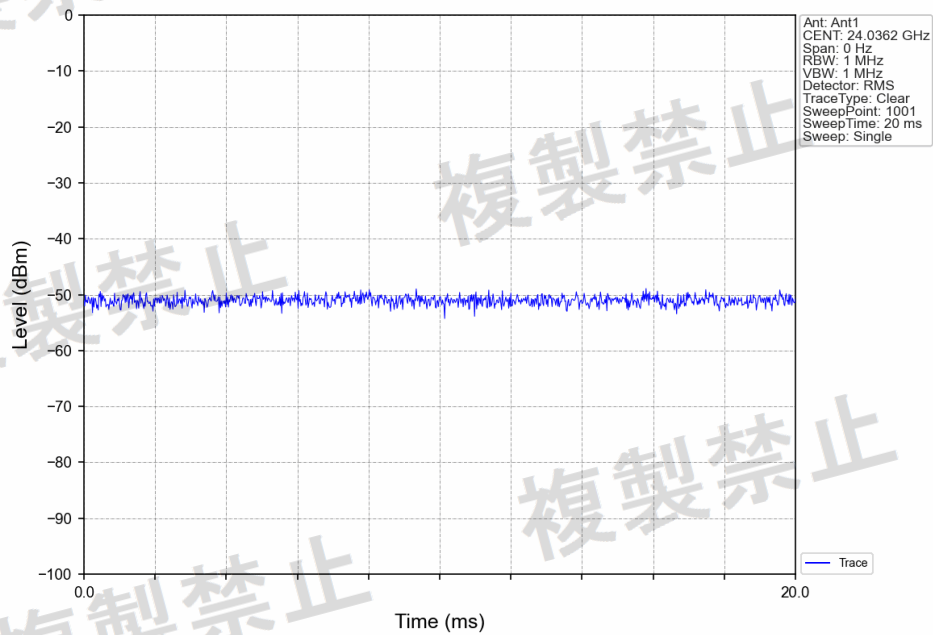


802.11ac(VHT20) MCH 5200MHz Ant1 NTVN

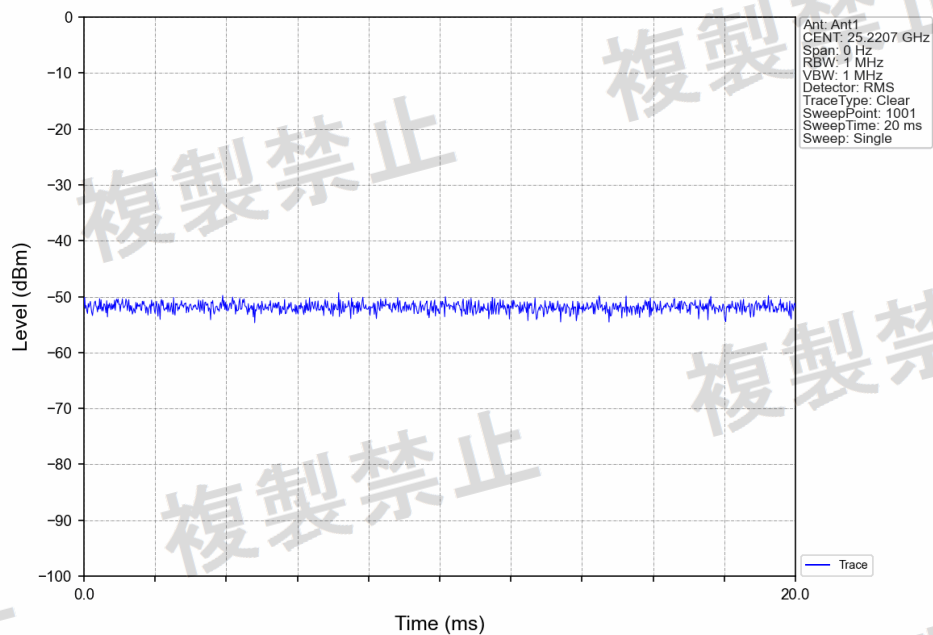


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
30	5135	1	1	5113.000	-47.25	/	2.65	-44.60	/	-33.01	Pass
5365	26000	1	1	24036.236	-35.20	-50.99	2.65	-32.55	-48.34	-33.01	Pass
5365	26000	1	1	25220.685	-36.86	-51.82	2.65	-34.21	-49.17	-33.01	Pass
5365	26000	1	1	25404.336	-36.76	-51.40	2.65	-34.11	-48.75	-33.01	Pass
5365	26000	1	1	25714.549	-36.82	-51.31	2.65	-34.17	-48.66	-33.01	Pass
5365	26000	1	1	25790.211	-37.17	-51.22	2.65	-34.52	-48.57	-33.01	Pass

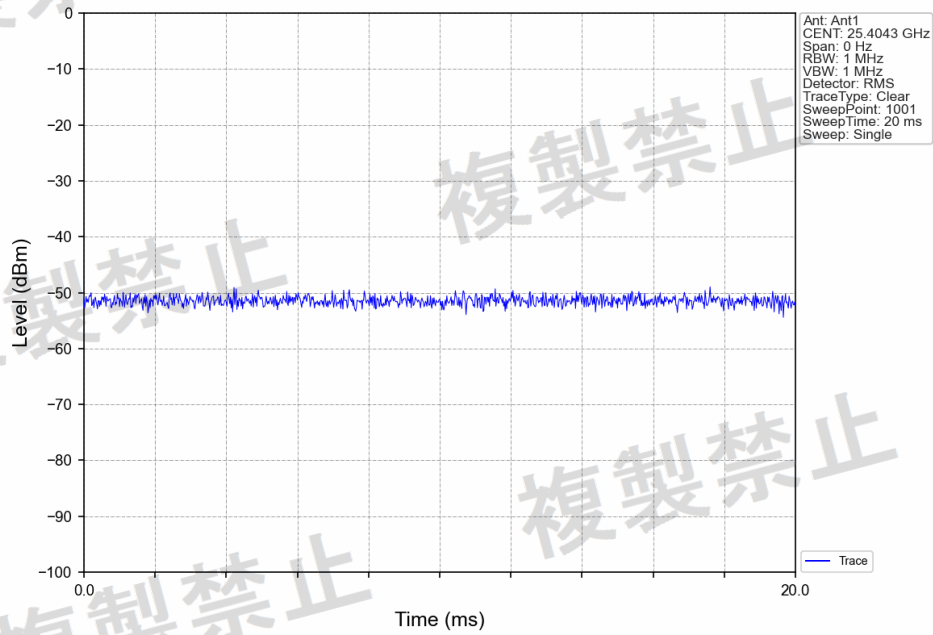
802.11ac(VHT20) MCH 5200MHz Ant1 NTNV



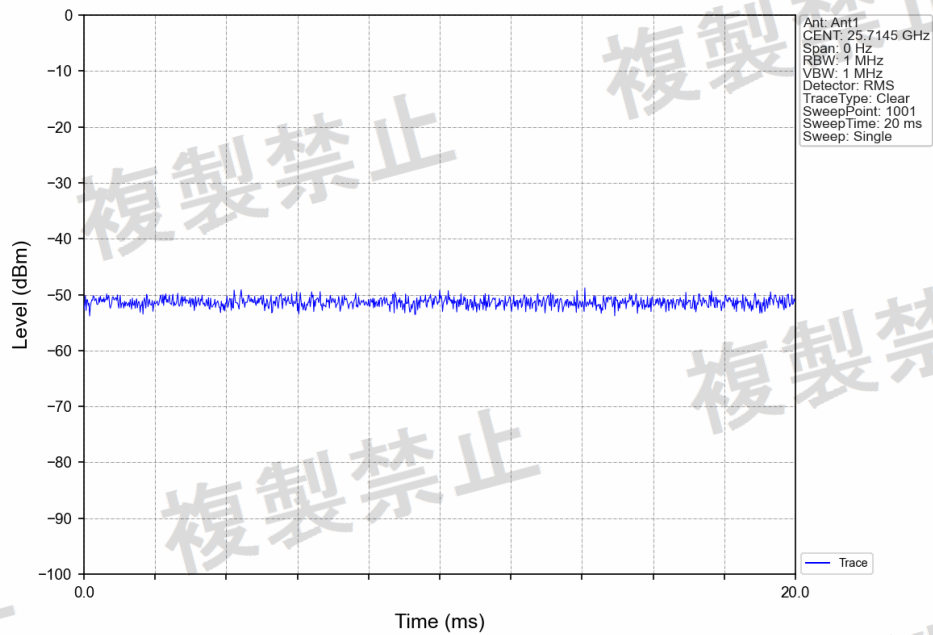
802.11ac(VHT20) MCH 5200MHz Ant1 NTNV



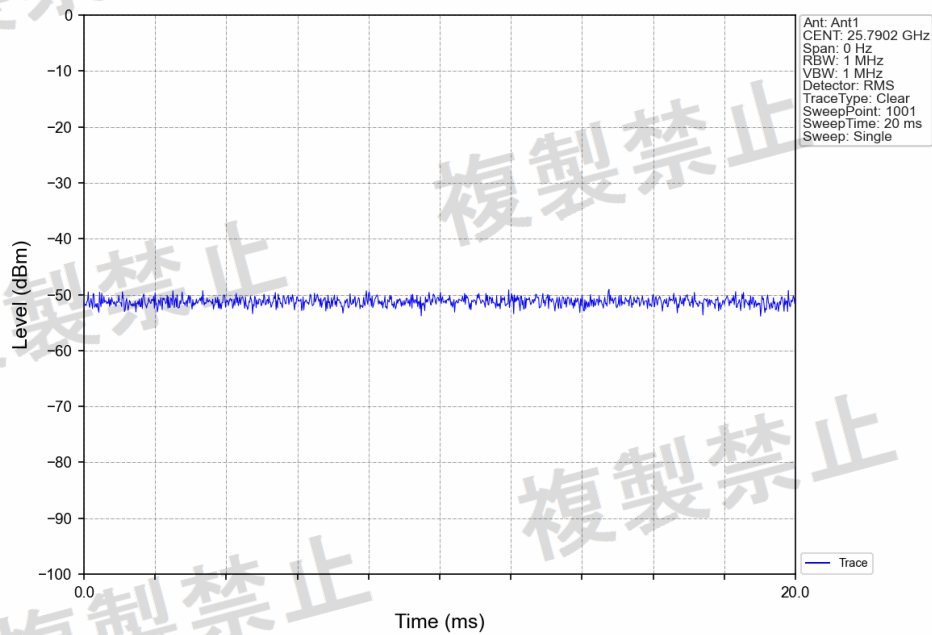
802.11ac(VHT20) MCH 5200MHz Ant1 NTNV



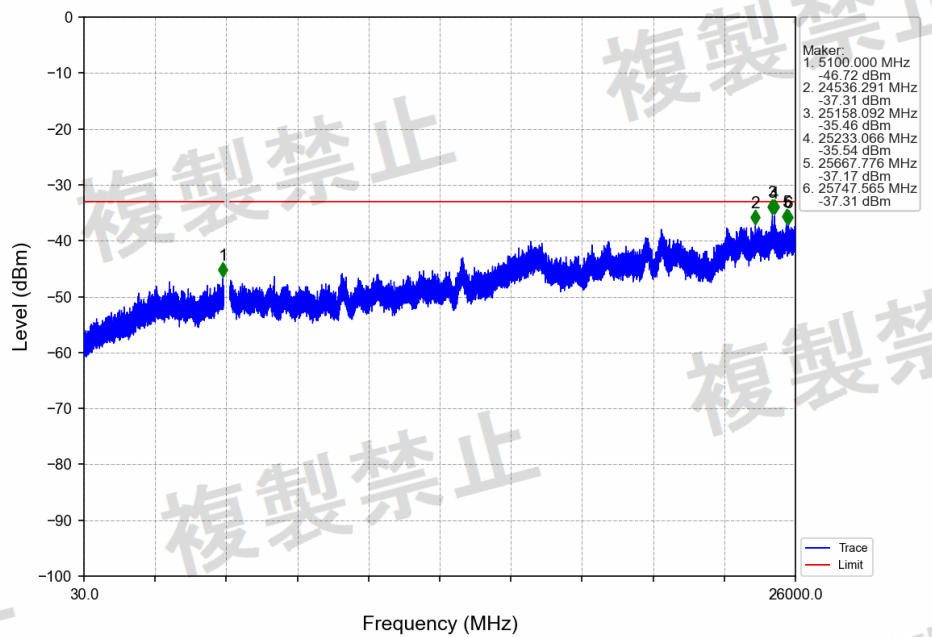
802.11ac(VHT20) MCH 5200MHz Ant1 NTNV



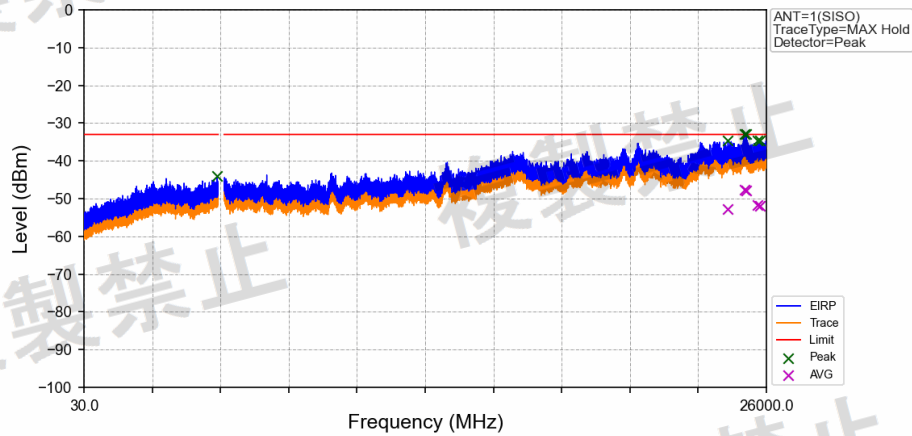
802.11ac(VHT20) MCH 5200MHz Ant1 NTV



802.11ac(VHT20) HCH 5240MHz Ant1 NTV

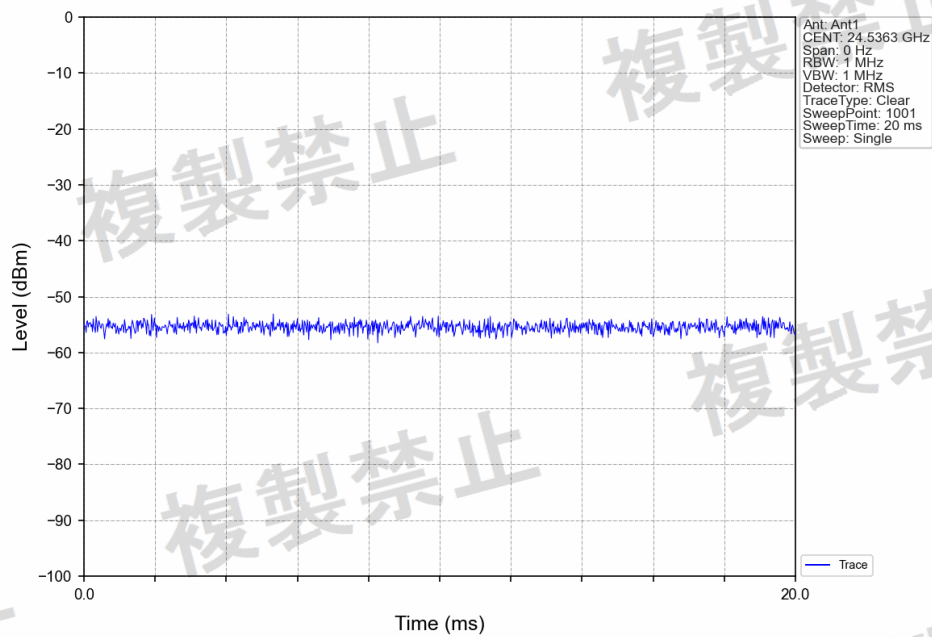


802.11ac(VHT20) HCH 5240MHz Ant1 NTN

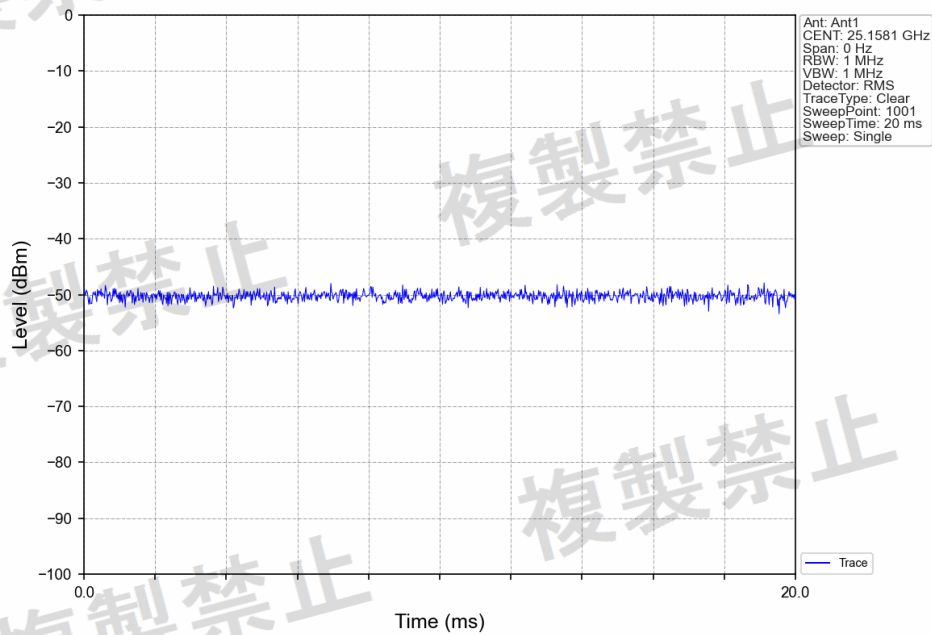


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	A/V Power (dBm)	Gain (dBi)	PK EIRP (dBm)	A/V EIRP (dBm)	Limit (dBm)	Result
30	5135	1	1	5100.000	-46.72	/	2.65	-44.07	/	-33.01	Pass
5365	26000	1	1	24536.291	-37.31	-55.36	2.65	-34.66	-52.71	-33.01	Pass
5365	26000	1	1	25158.092	-35.46	-50.22	2.65	-32.81	-47.57	-33.01	Pass
5365	26000	1	1	25233.066	-35.54	-50.57	2.65	-32.89	-47.92	-33.01	Pass
5365	26000	1	1	25667.777	-37.17	-54.40	2.65	-34.52	-51.75	-33.01	Pass
5365	26000	1	1	25747.565	-37.31	-54.48	2.65	-34.66	-51.83	-33.01	Pass

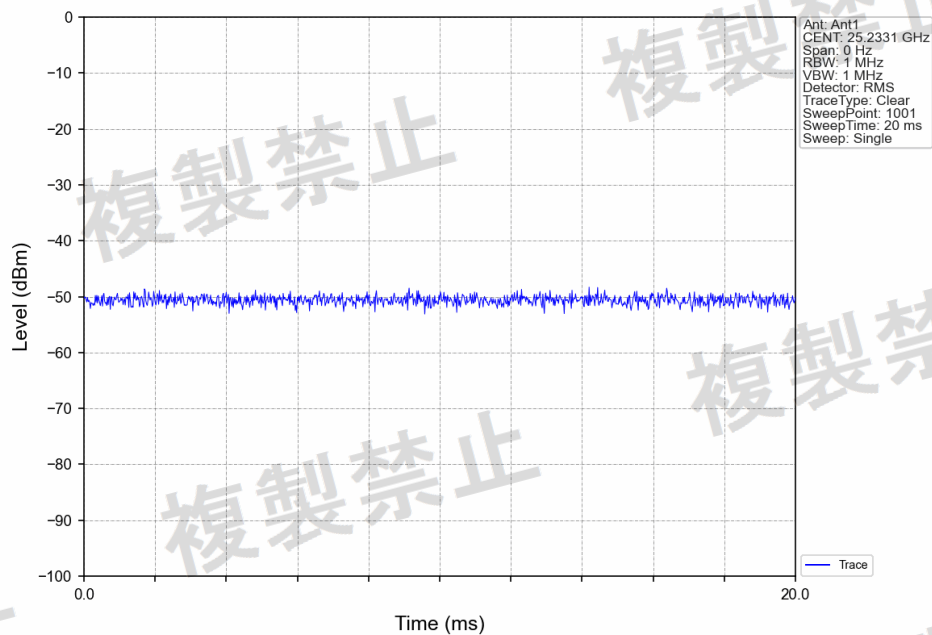
802.11ac(VHT20) HCH 5240MHz Ant1 NTN



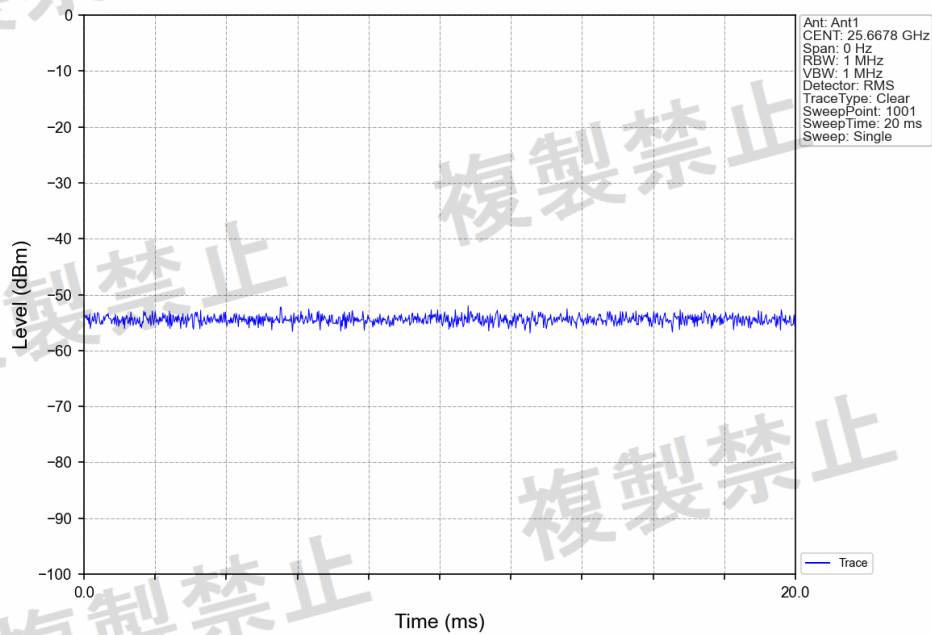
802.11ac(VHT20) HCH 5240MHz Ant1 NTV



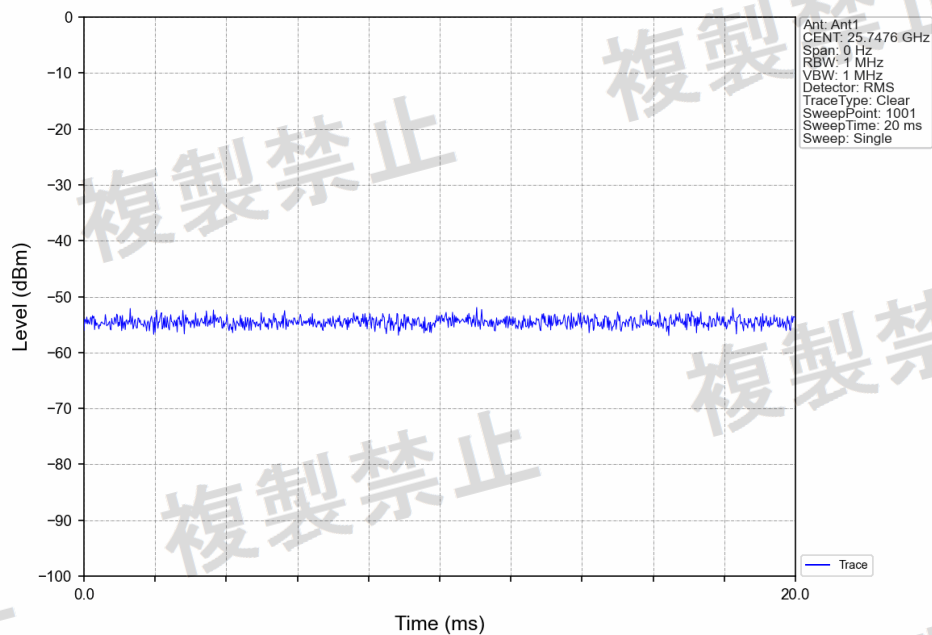
802.11ac(VHT20) HCH 5240MHz Ant1 NTV



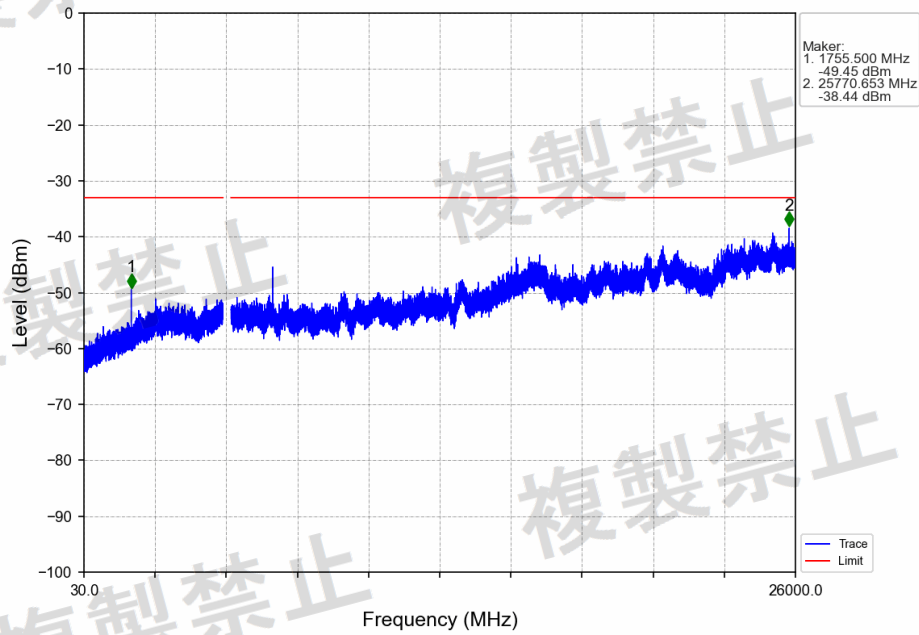
802.11ac(VHT20) HCH 5240MHz Ant1 NTV



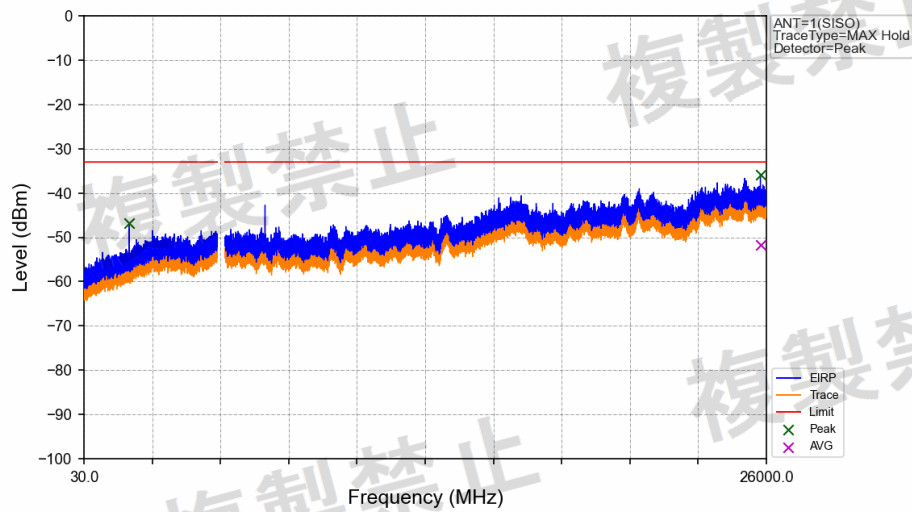
802.11ac(VHT20) HCH 5240MHz Ant1 NTV



802.11ac(VHT40) LCH 5190MHz Ant1 NTVN

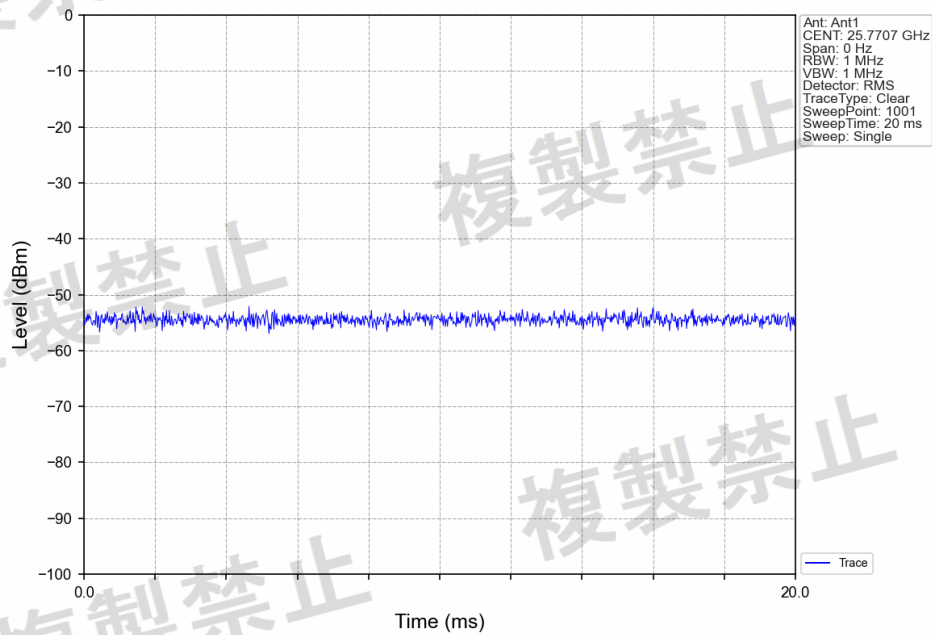


802.11ac(VHT40) LCH 5190MHz Ant1 NTVN

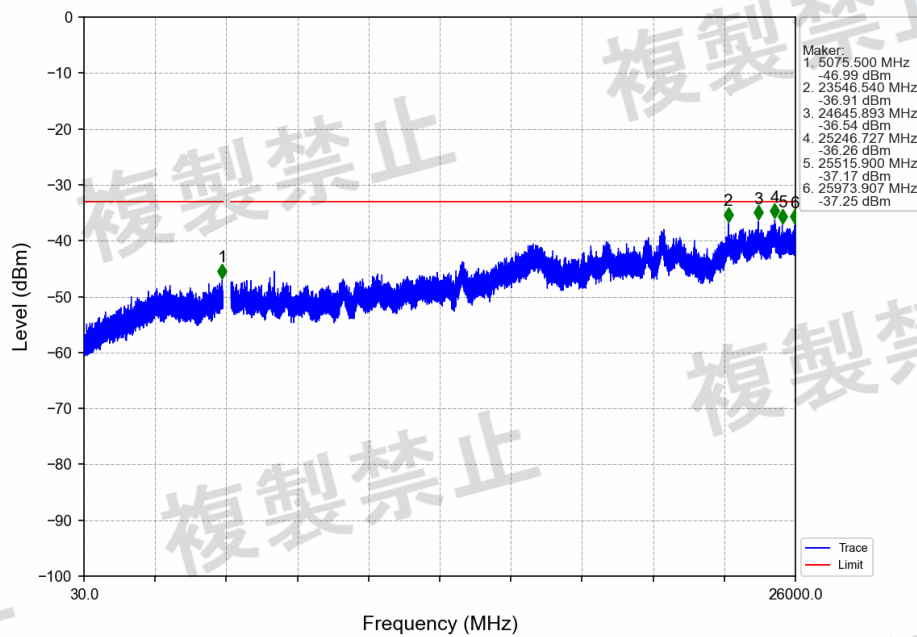


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
30	5100	1	1	1755.500	-49.45	/	2.65	-46.80	/	-33.01	Pass
5400	26000	1	1	25770.653	-38.44	-54.42	2.65	-35.79	-51.77	-33.01	Pass

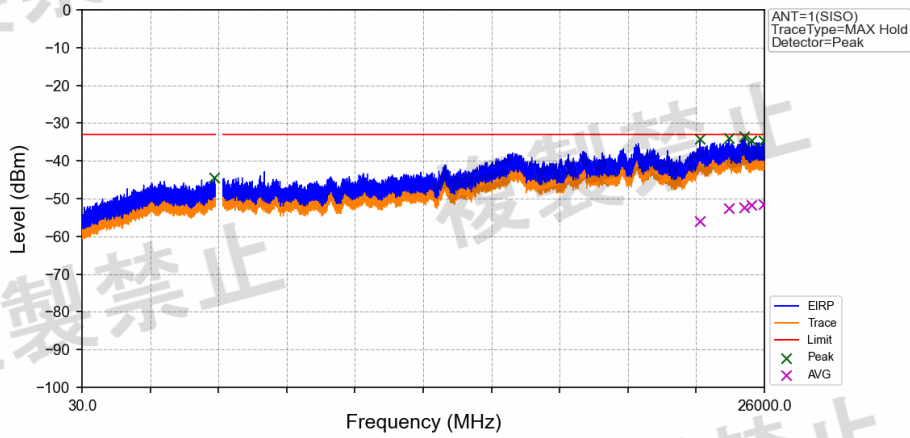
802.11ac(VHT40) LCH 5190MHz Ant1 NTVN



802.11ac(VHT40) HCH 5230MHz Ant1 NTVN

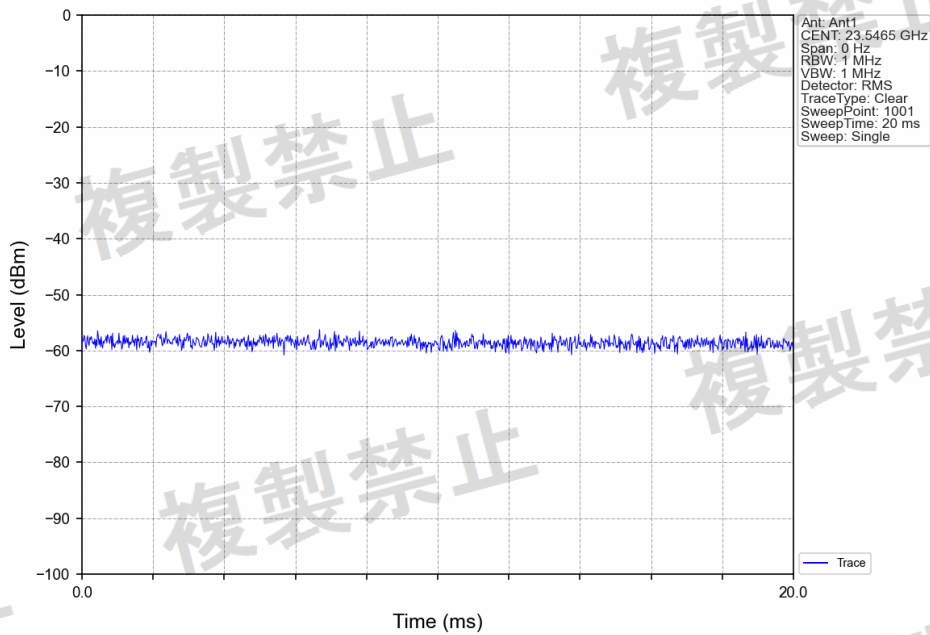


802.11ac(VHT40) HCH 5230MHz Ant1 NTVN

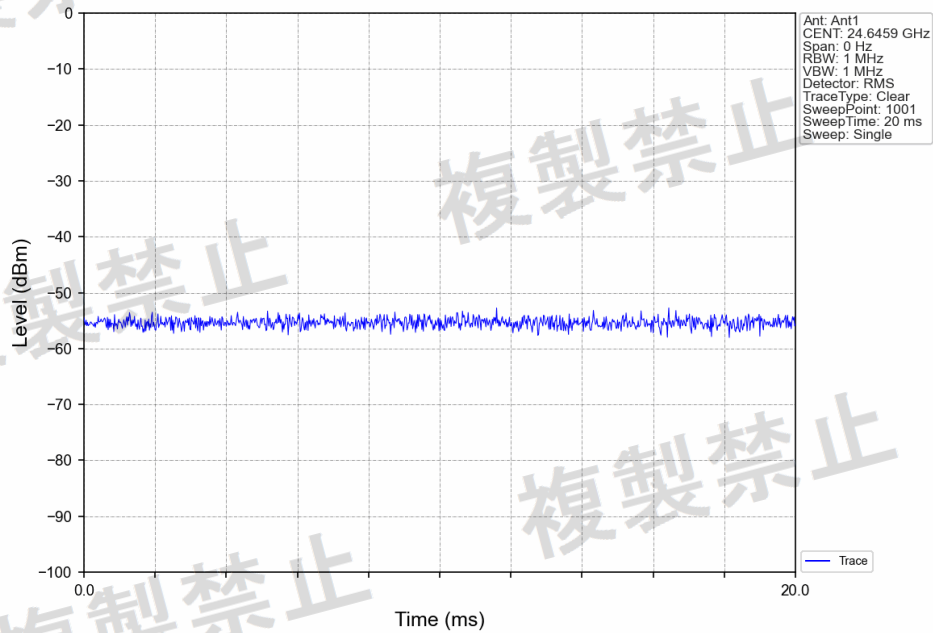


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Gain (dBi)	PK EIRP (dBm)	AV EIRP (dBm)	Limit (dBm)	Result
30	5100	1	1	5075.500	-46.99	/	2.65	-44.34	/	-33.01	Pass
5400	26000	1	1	23546.540	-36.91	-58.53	2.65	-34.26	-55.88	-33.01	Pass
5400	26000	1	1	24645.893	-36.54	-55.32	2.65	-33.89	-52.67	-33.01	Pass
5400	26000	1	1	25246.727	-36.26	-54.91	2.65	-33.61	-52.26	-33.01	Pass
5400	26000	1	1	25515.900	-37.17	-54.35	2.65	-34.52	-51.70	-33.01	Pass
5400	26000	1	1	25973.907	-37.25	-54.17	2.65	-34.60	-51.52	-33.01	Pass

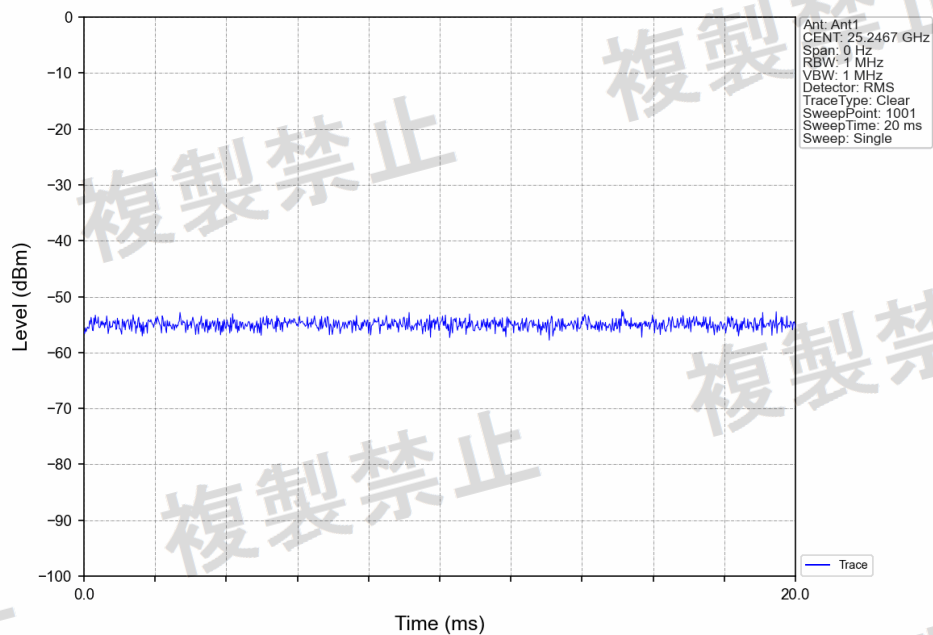
802.11ac(VHT40) HCH 5230MHz Ant1 NTVN



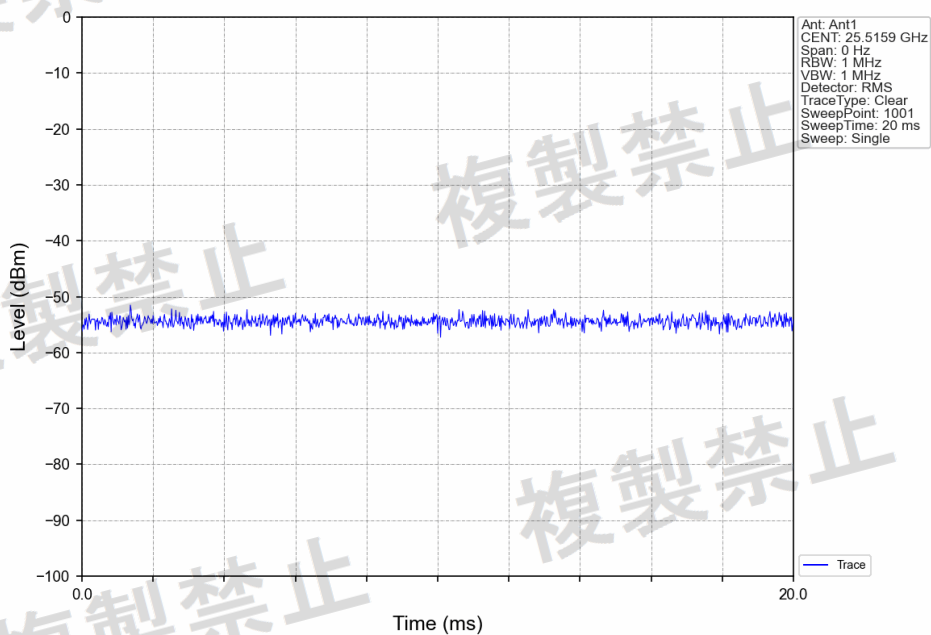
802.11ac(VHT40) HCH 5230MHz Ant1 NTV



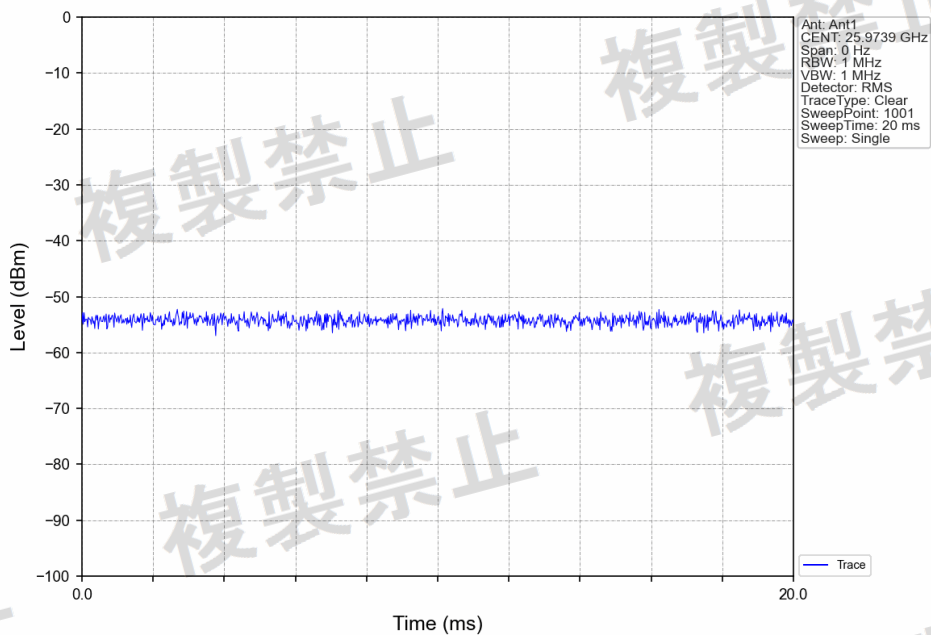
802.11ac(VHT40) HCH 5230MHz Ant1 NTV



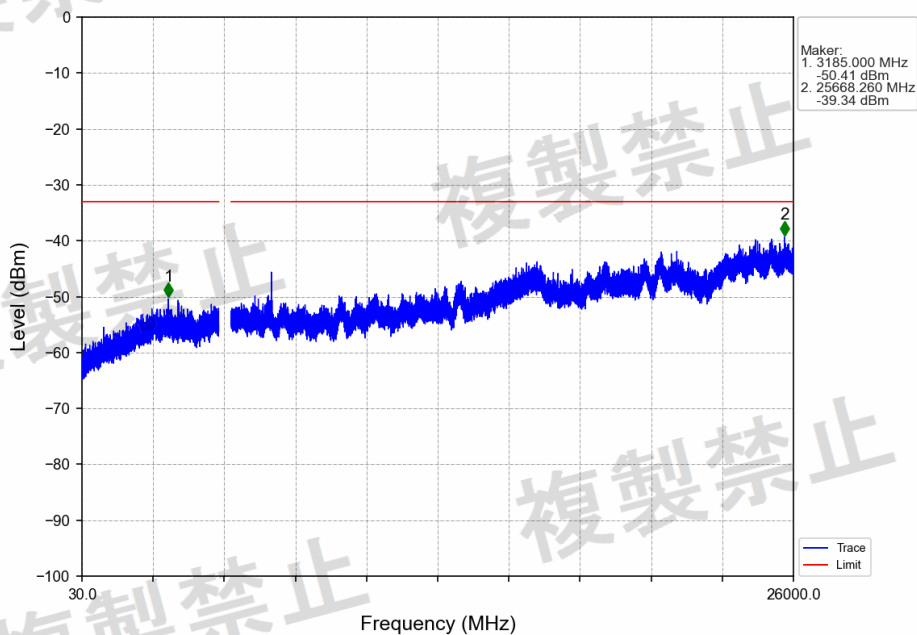
802.11ac(VHT40) HCH 5230MHz Ant1 NTV



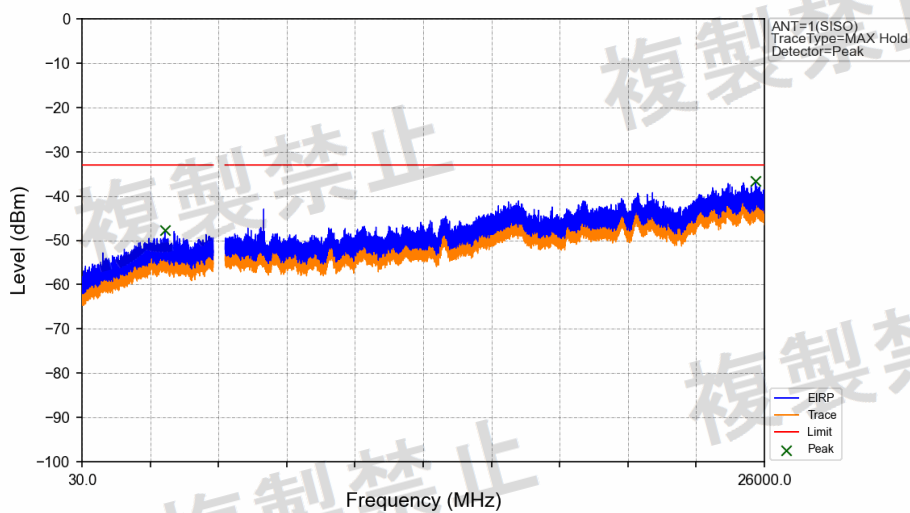
802.11ac(VHT40) HCH 5230MHz Ant1 NTV



802.11ac(VHT80) MCH 5210MHz Ant1 NTV



802.11ac(VHT80) MCH 5210MHz Ant1 NTV



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	5020	1	1	3185.000	-50.41	/	2.65	-47.76	/	-33.01	Pass
5480	26000	1	1	25668.260	-39.34	/	2.65	-36.69	/	-33.01	Pass

7. Secondary Radiated Emission

7.1 Test Result

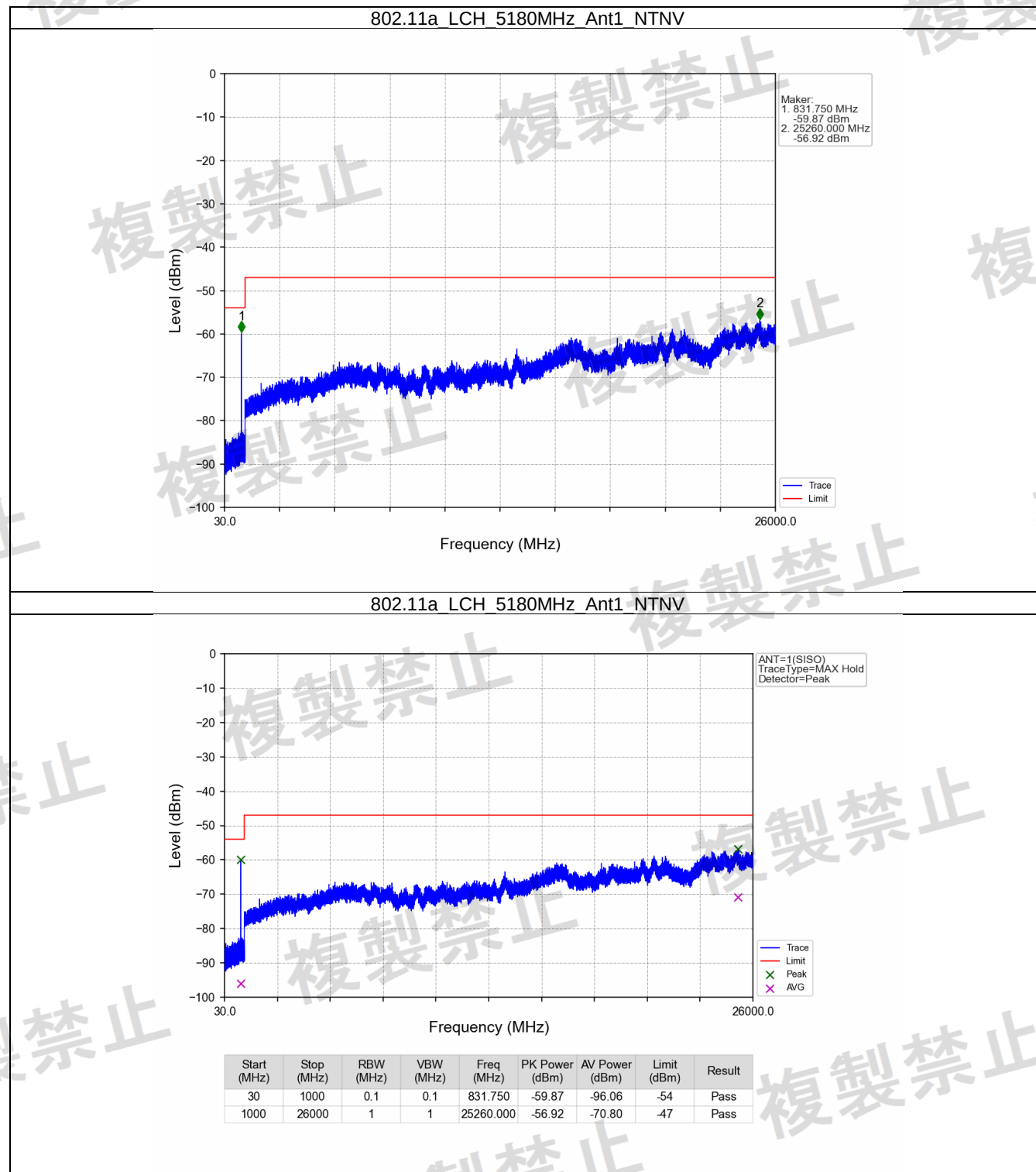
7.1.1 RxSe_NTNV_SISO

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	5180	1	30	1000	831.75	-59.87	1.030	-96.06	0.000	4	Pass
				1000	26000	25260	-56.92	2.032	-70.80	0.083	20	Pass
		5200	1	30	1000	829.1	-59.68	1.076	-93.50	0.000	4	Pass
				1000	26000	24560	-56.87	2.056	-71.33	0.074	20	Pass
		5240	1	1000	26000	25157.5	-56.74	2.118	-70.12	0.097	20	Pass
						828.55	-65.13	0.307	/	/	4	Pass
						24620	-56.78	2.099	-70.93	0.081	20	Pass
						25158.333	-56.98	2.004	-70.08	0.098	20	Pass
						25227.5	-56.60	2.188	-70.46	0.090	20	Pass
						25335	-56.71	2.133	-71.72	0.067	20	Pass
802.11n (HT20)	SISO	5180	1	1000	26000	829.1	-57.79	1.663	-95.97	0.000	4	Pass
						5180.833	-44.42	36.141	-57.84	1.644	20	Pass
						6906.667	-47.34	18.450	-51.54	7.015	20	Pass
						25167.5	-55.58	2.767	-70.30	0.093	20	Pass
		5200	1	1000	26000	25791.667	-56.43	2.275	-71.44	0.072	20	Pass
						830.95	-65.23	0.300	/	/	4	Pass
						5180.833	-44.40	36.308	-58.04	1.570	20	Pass
						6906.667	-47.47	17.906	-51.71	6.745	20	Pass
						25156.667	-56.46	2.259	-70.21	0.095	20	Pass
						25699.167	-56.28	2.355	-71.05	0.079	20	Pass
		5240	1	1000	26000	826.65	-57.61	1.734	-79.76	0.011	4	Pass
						5180.833	-44.49	35.563	-58.02	1.578	20	Pass
						6907.5	-47.38	18.281	-61.87	0.650	20	Pass
						25125.833	-56.71	2.133	-70.68	0.086	20	Pass
802.11n (HT40)	SISO	5190	1	1000	26000	25223.333	-56.83	2.075	-70.44	0.090	20	Pass
						827.2	-66.41	0.229	/	/	4	Pass
						5180	-44.60	34.674	-48.32	14.723	20	Pass
						6906.667	-47.61	17.338	-51.82	6.577	20	Pass
		5230	1	1000	26000	25252.5	-56.36	2.312	-70.64	0.086	20	Pass
						25612.5	-56.88	2.051	-71.66	0.068	20	Pass
						830.05	-61.69	0.678	-93.28	0.000	4	Pass
						5180.833	-44.44	35.975	-58.04	1.570	20	Pass
						6906.667	-47.38	18.281	-51.83	6.561	20	Pass
						24085.833	-56.47	2.254	-71.44	0.072	20	Pass
802.11ac (VHT20)	SISO	5180	1	1000	26000	25210	-55.34	2.924	-70.36	0.092	20	Pass
						25838.333	-56.98	2.004	-71.44	0.072	20	Pass
		5200	1	1000	26000	871.45	-82.12	0.006	/	/	4	Pass
						5180.833	-44.67	34.119	-58.13	1.538	20	Pass
						6907.5	-47.59	17.418	-61.98	0.634	20	Pass
						24610	-56.89	2.046	-71.06	0.078	20	Pass
		5240	1	1000	26000	25184.167	-56.66	2.158	-70.20	0.095	20	Pass
						825.6	-58.27	1.489	-96.03	0.000	4	Pass

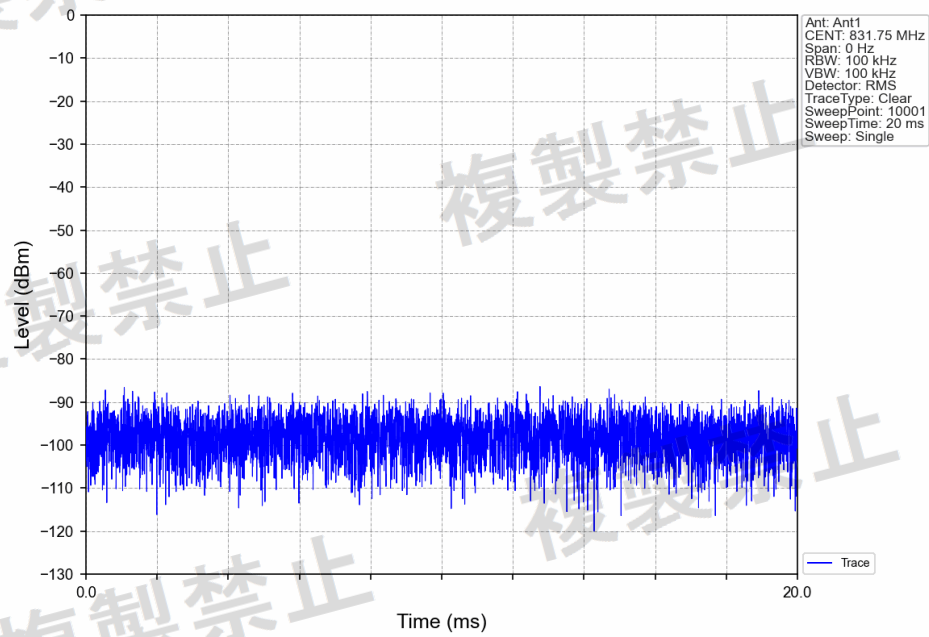
		5240	1	30	1000	801.9	-82.84	0.005	/	/	4	Pass
				1000	26000	5180	-44.67	34.119	-48.33	14.689	20	Pass
						6906.667	-47.78	16.672	-51.85	6.531	20	Pass
						25134.167	-56.88	2.051	-70.51	0.089	20	Pass
802.11ac (VHT40)	SISO	5190	1	30	1000	825.75	-53.36	4.613	-72.77	0.053	4	Pass
				1000	26000	5180.833	-44.60	34.674	-58.08	1.556	20	Pass
						6906.667	-47.63	17.258	-51.85	6.531	20	Pass
						23963.333	-56.93	2.028	-71.95	0.064	20	Pass
		5230	1	1000	26000	25190.833	-56.51	2.234	-70.28	0.094	20	Pass
						825.2	-57.82	1.652	-95.47	0.000	4	Pass
						5180.833	-44.50	35.481	-58.12	1.542	20	Pass
						6907.5	-47.62	17.298	-61.97	0.635	20	Pass
						25275	-56.61	2.183	-70.89	0.081	20	Pass
						25707.5	-56.38	2.301	-71.04	0.079	20	Pass
						25863.333	-56.18	2.410	-71.37	0.073	20	Pass
802.11ac (VHT80)	SISO	5210	1	30	1000	756.85	-82.20	0.006	/	/	4	Pass
				1000	26000	5180.833	-44.54	35.156	-58.13	1.538	20	Pass
						6907.5	-47.47	17.906	-62.04	0.625	20	Pass
						25149.167	-56.18	2.410	-70.28	0.094	20	Pass

7.2 Test Graph

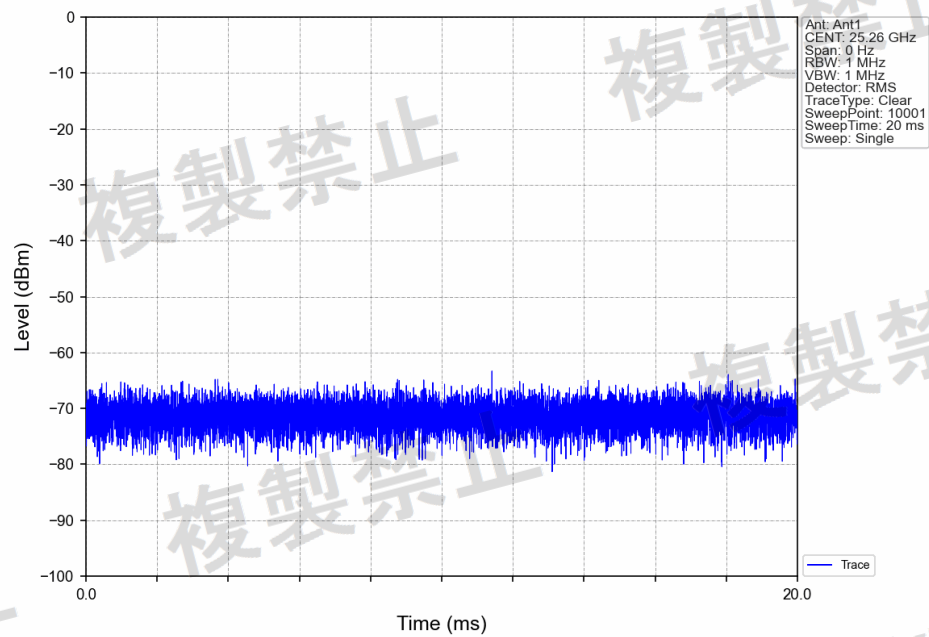
7.2.1 RxSe_NTNV_SISO



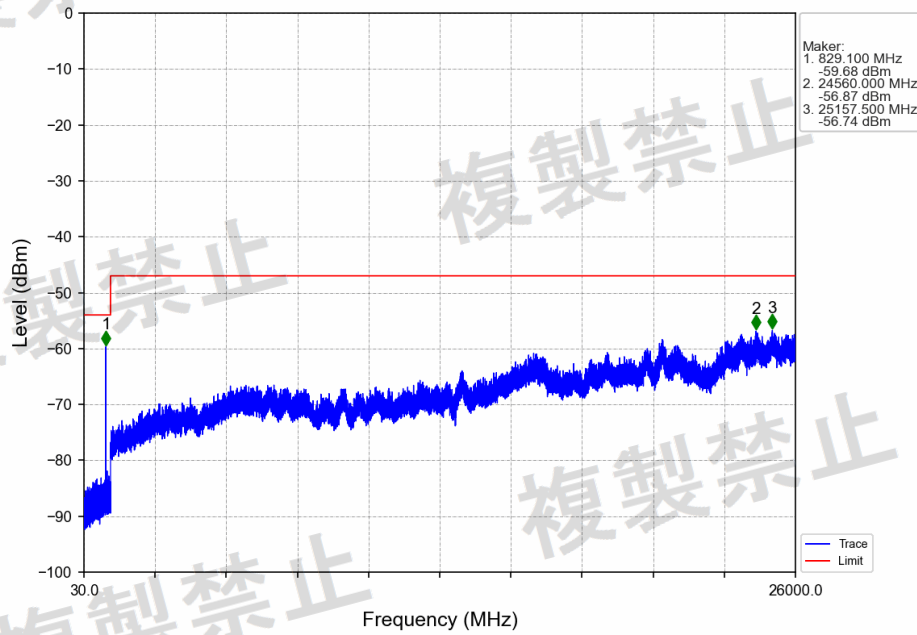
802.11a LCH 5180MHz Ant1 NTV



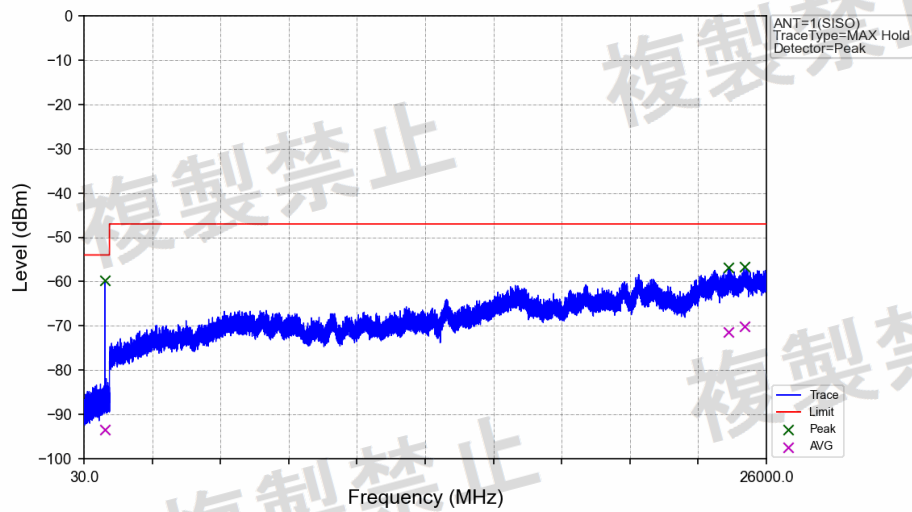
802.11a LCH 5180MHz Ant1 NTV



802.11a MCH 5200MHz Ant1 NTV

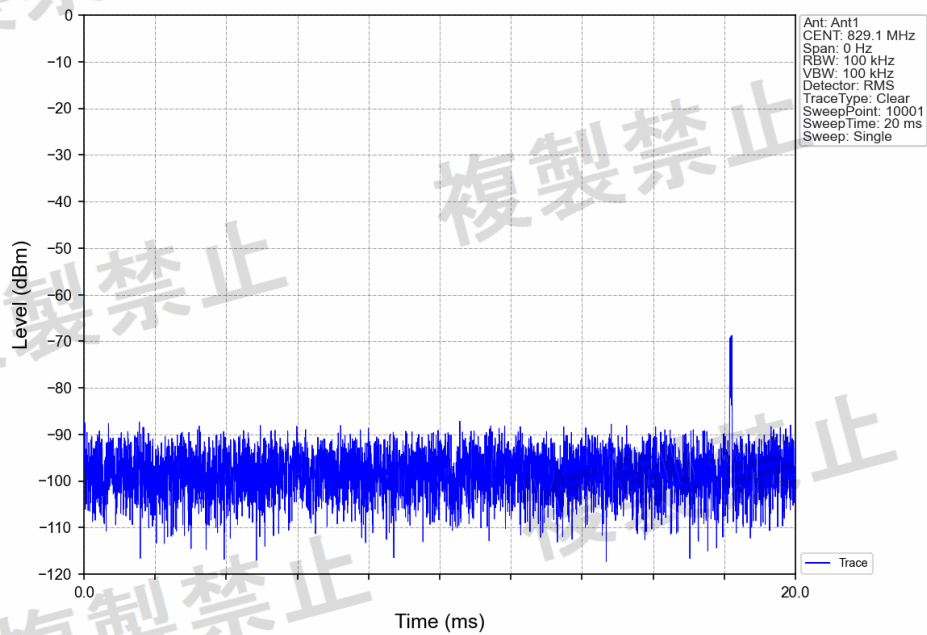


802.11a MCH 5200MHz Ant1 NTV

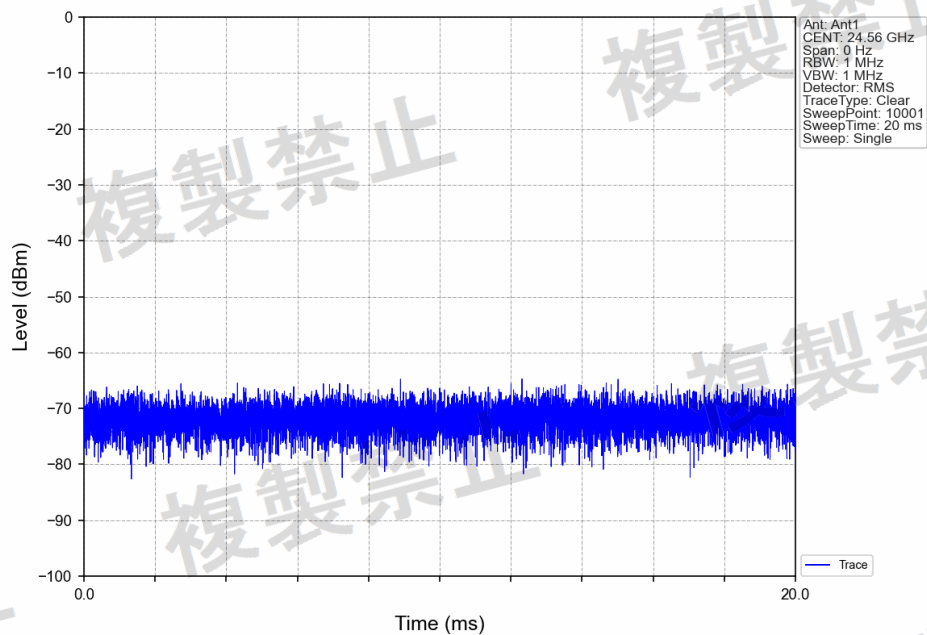


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	1000	0.1	0.1	829.100	-59.68	-93.50	-54	Pass
1000	26000	1	1	24560.000	-56.87	-71.33	-47	Pass
1000	26000	1	1	25157.500	-56.74	-70.12	-47	Pass

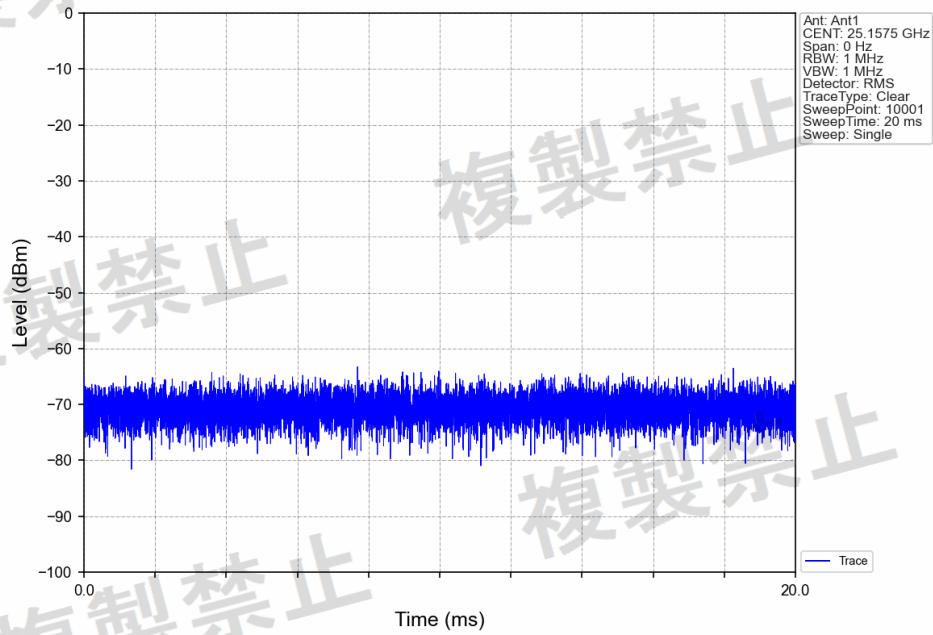
802.11a MCH 5200MHz Ant1 NTV



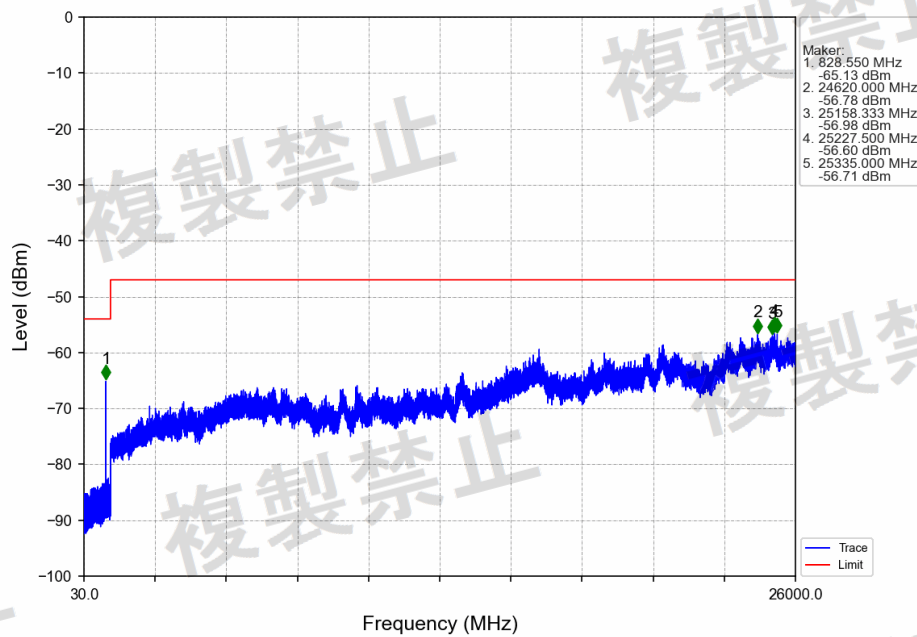
802.11a MCH 5200MHz Ant1 NTV



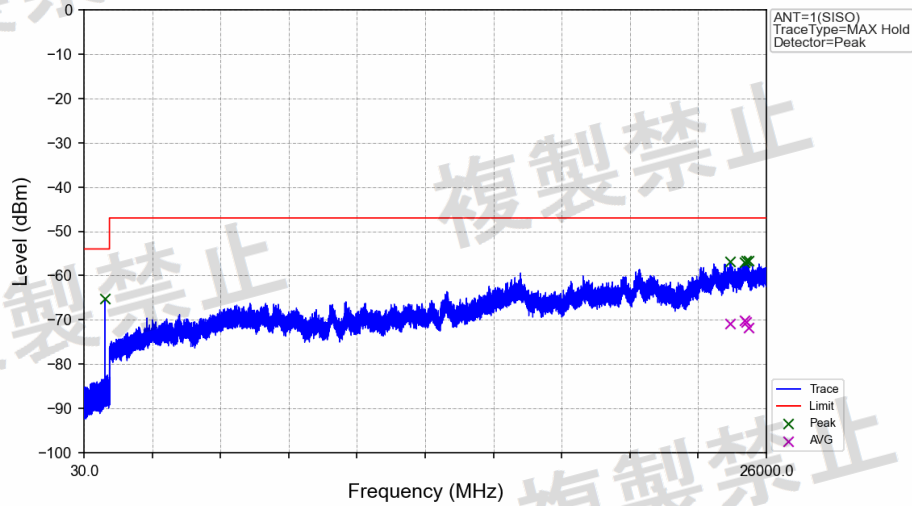
802.11a MCH 5200MHz Ant1 NTV



802.11a HCH 5240MHz Ant1 NTV

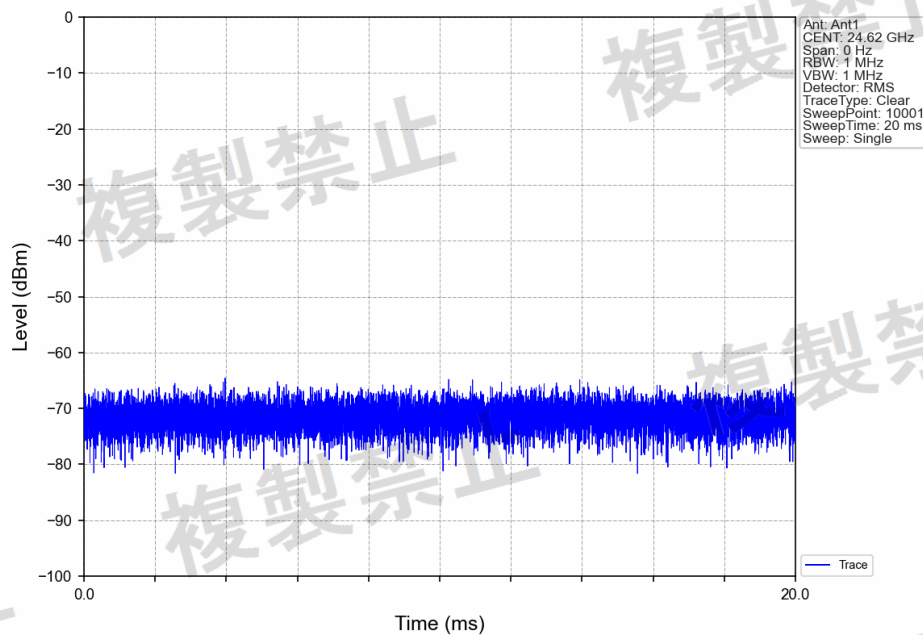


802.11a HCH 5240MHz Ant1 NTV

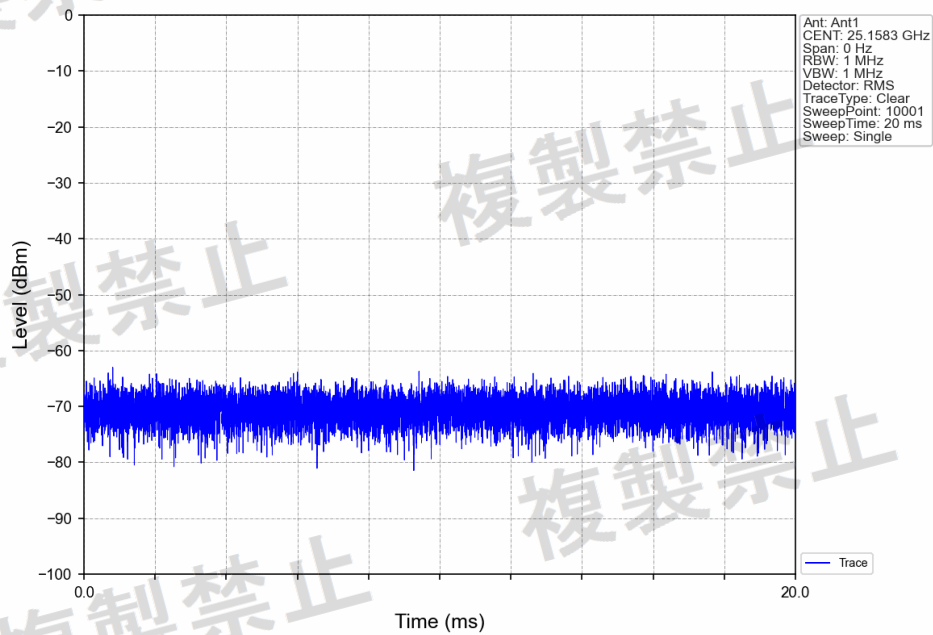


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	1000	0.1	0.1	828.550	-65.13	/	-54	Pass
1000	26000	1	1	24620.000	-56.78	-70.93	-47	Pass
1000	26000	1	1	25158.333	-56.98	-70.08	-47	Pass
1000	26000	1	1	25227.500	-56.60	-70.46	-47	Pass
1000	26000	1	1	25335.000	-56.71	-71.72	-47	Pass

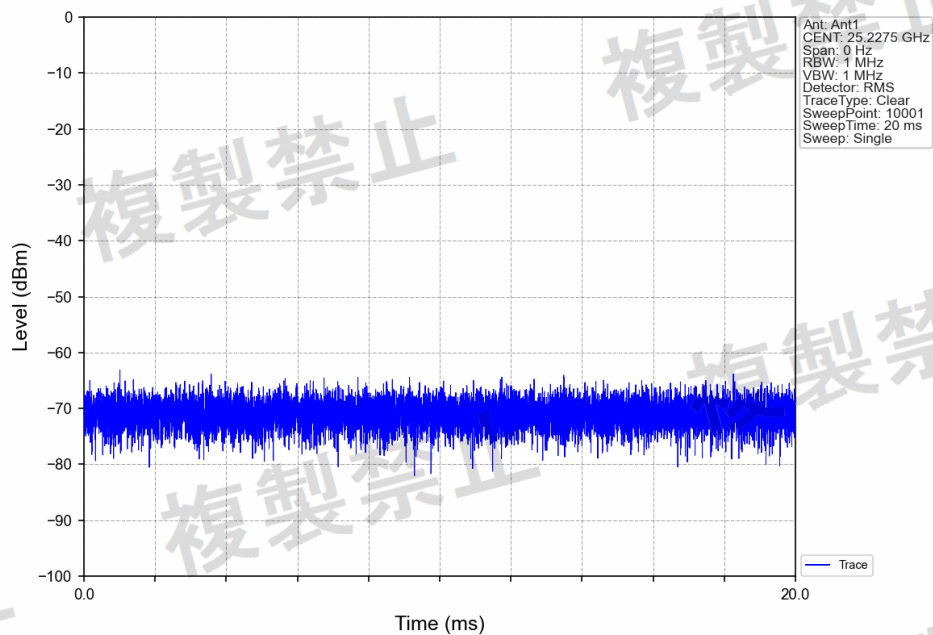
802.11a HCH 5240MHz Ant1 NTV



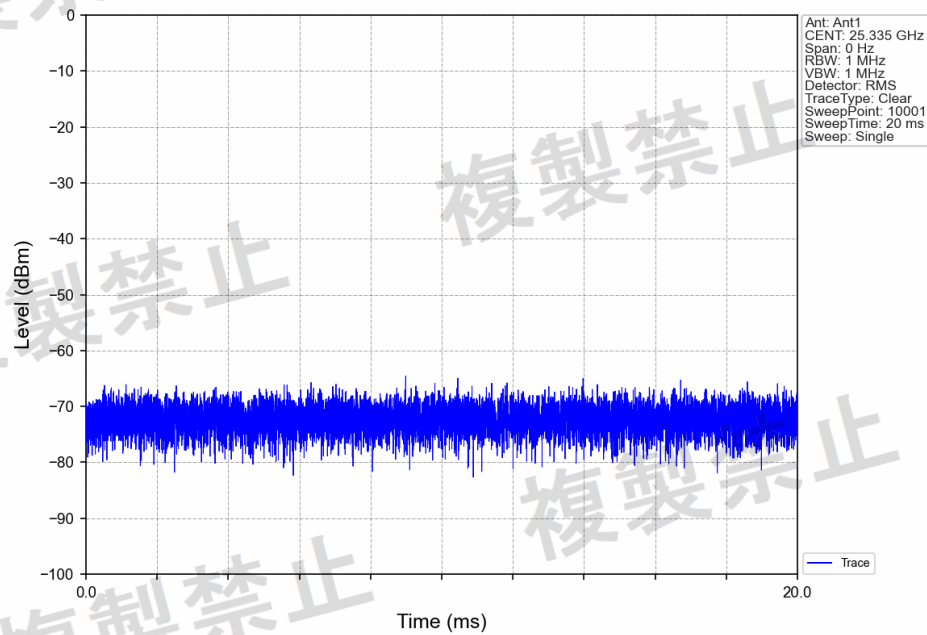
802.11a HCH 5240MHz Ant1 NTVN



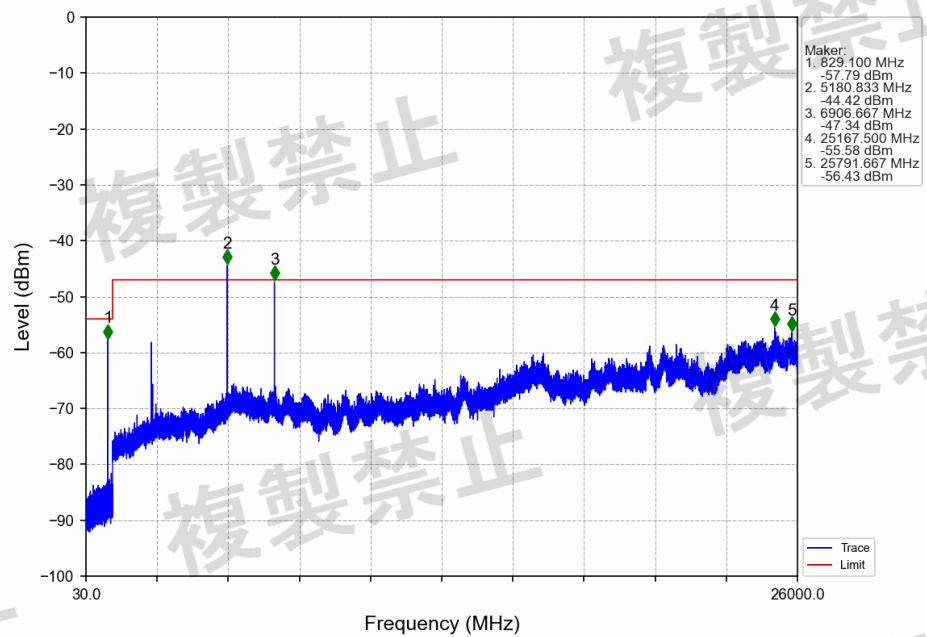
802.11a HCH 5240MHz Ant1 NTVN



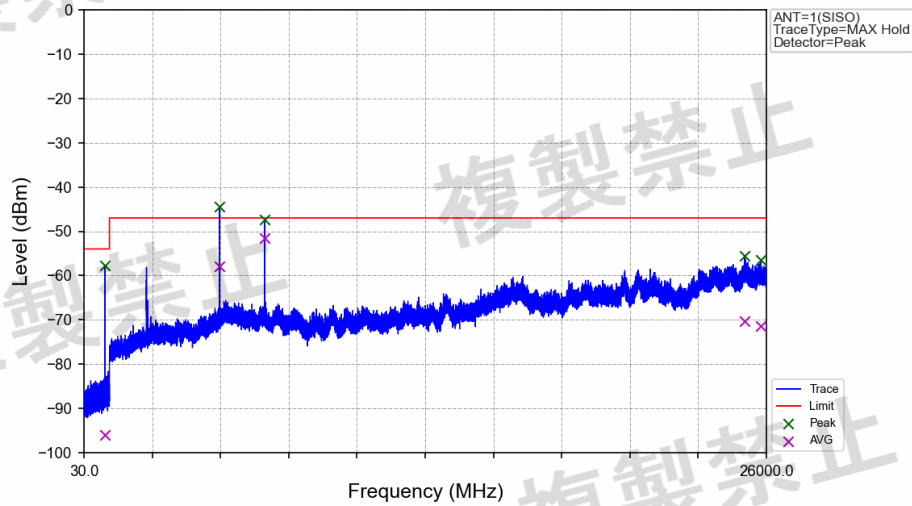
802.11a HCH 5240MHz Ant1 NTV



802.11n(HT20) LCH 5180MHz Ant1 NTV

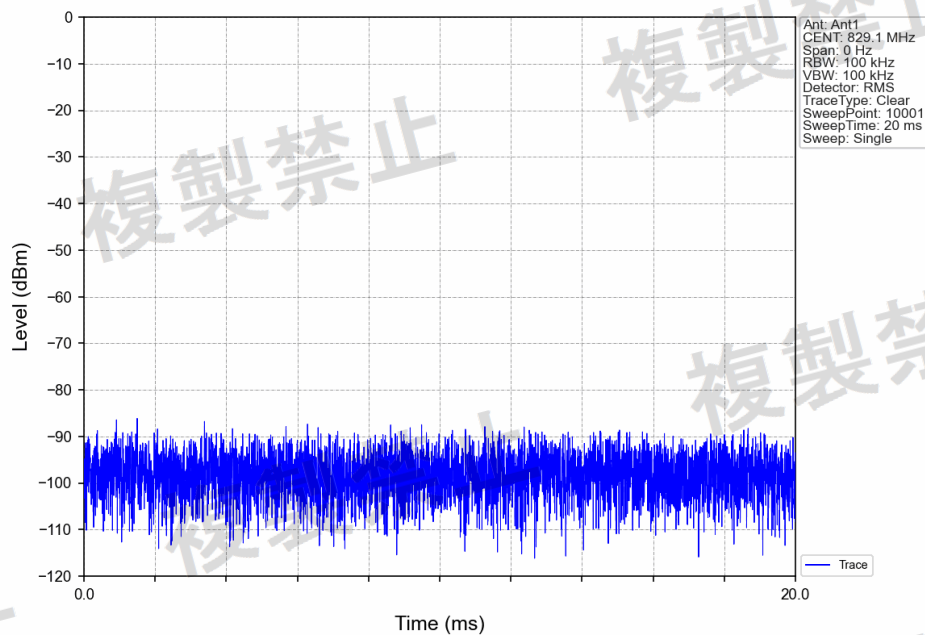


802.11n(HT20) LCH 5180MHz Ant1 NTV

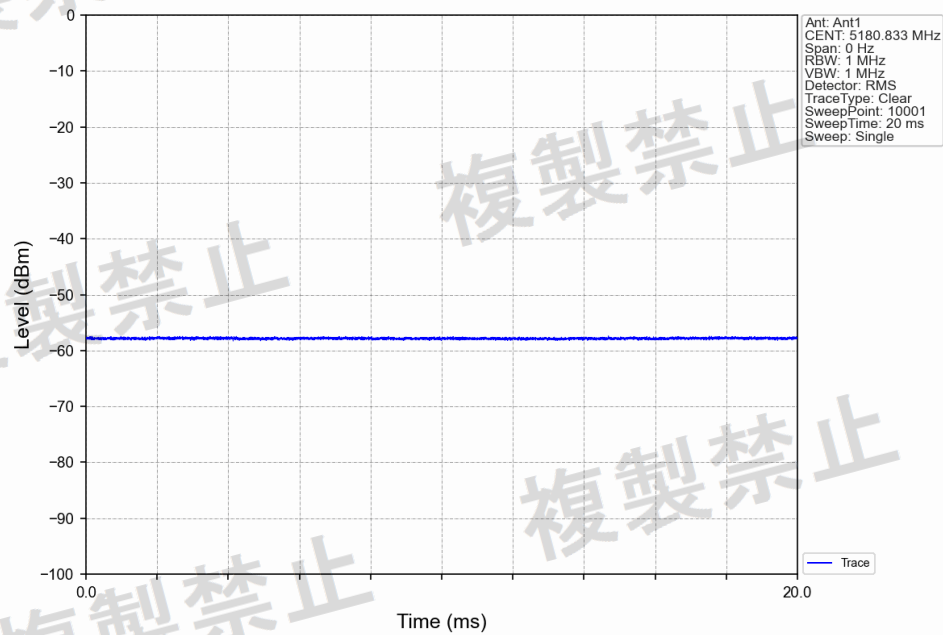


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	1000	0.1	0.1	829.100	-57.79	-95.97	-54	Pass
1000	26000	1	1	5180.833	-44.42	-57.84	-47	Pass
1000	26000	1	1	6906.667	-47.34	-51.54	-47	Pass
1000	26000	1	1	25167.500	-55.58	-70.30	-47	Pass
1000	26000	1	1	25791.667	-56.43	-71.44	-47	Pass

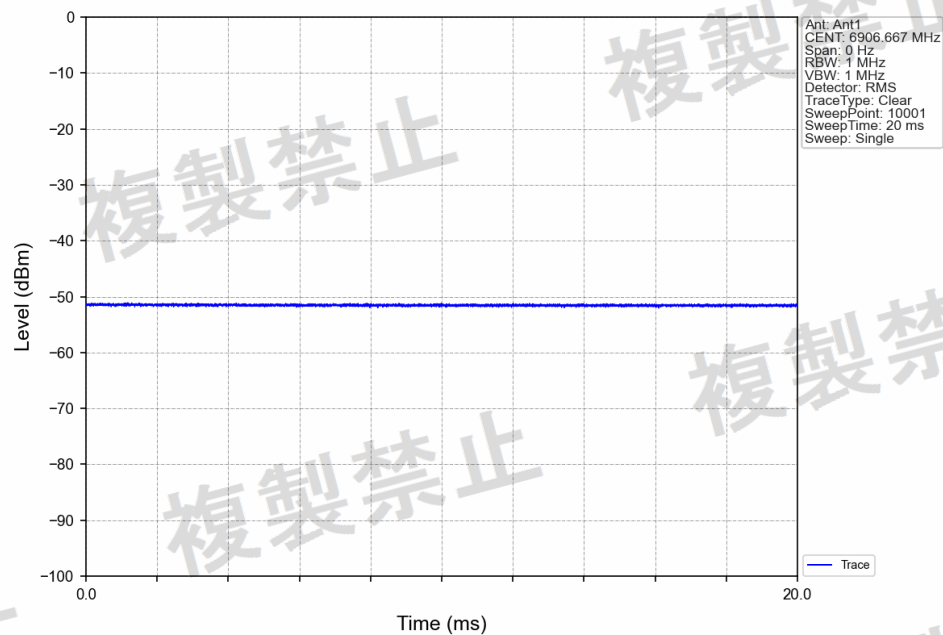
802.11n(HT20) LCH 5180MHz Ant1 NTV



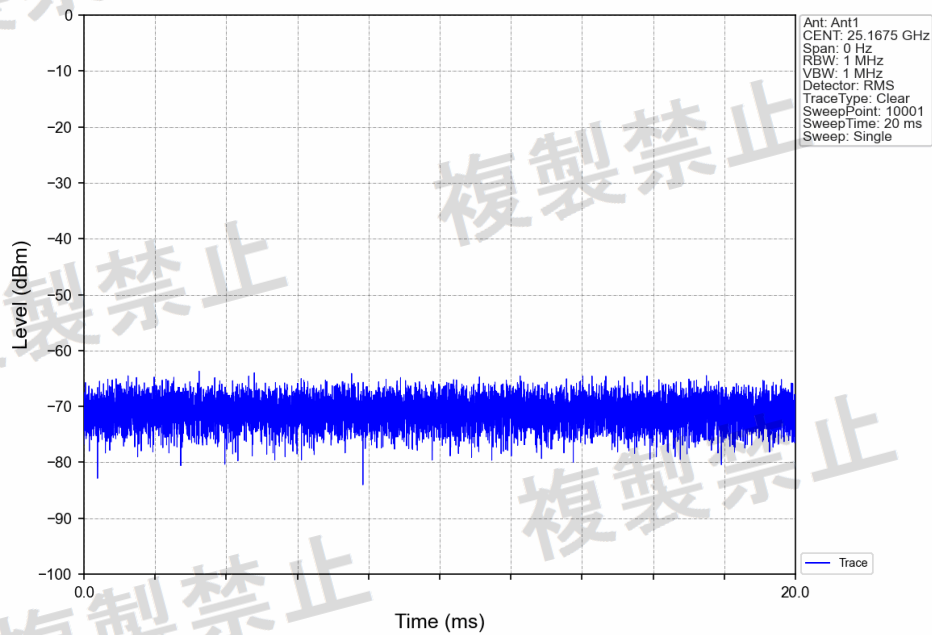
802.11n(HT20) LCH 5180MHz Ant1 NTV



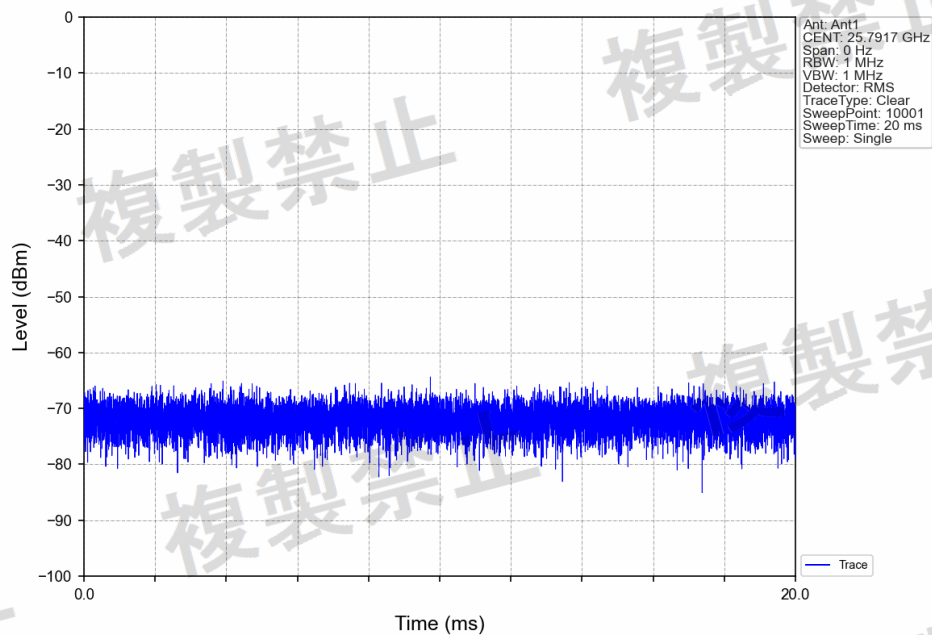
802.11n(HT20) LCH 5180MHz Ant1 NTV



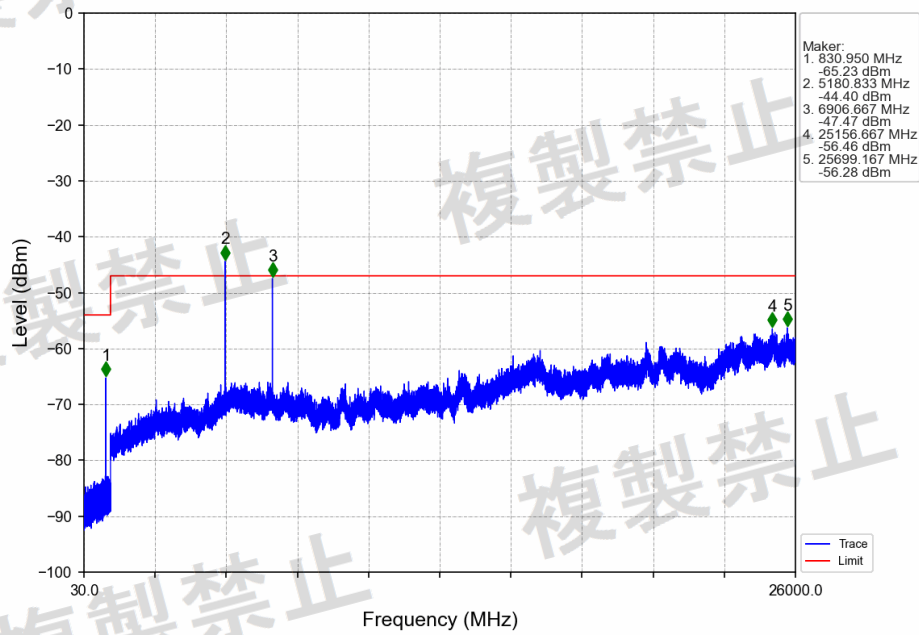
802.11n(HT20) LCH 5180MHz Ant1 NTV



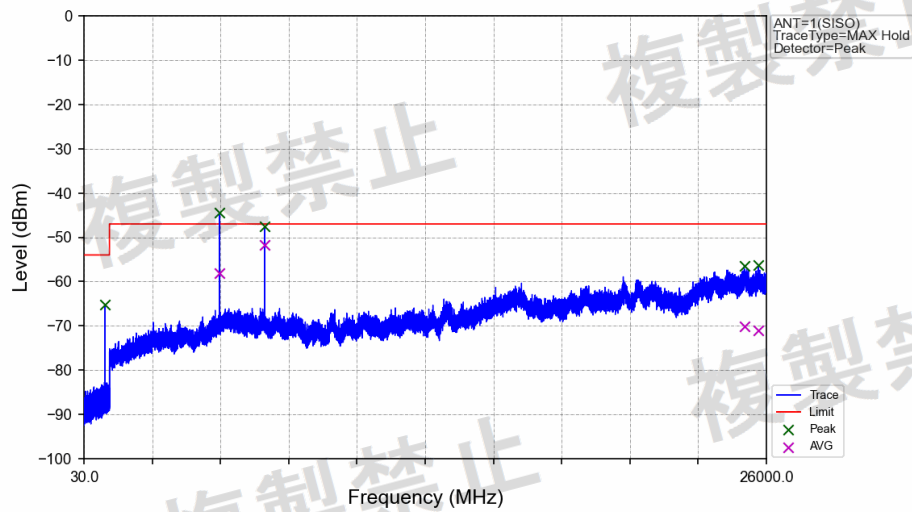
802.11n(HT20) LCH 5180MHz Ant1 NTV



802.11n(HT20) MCH 5200MHz Ant1 NTVN

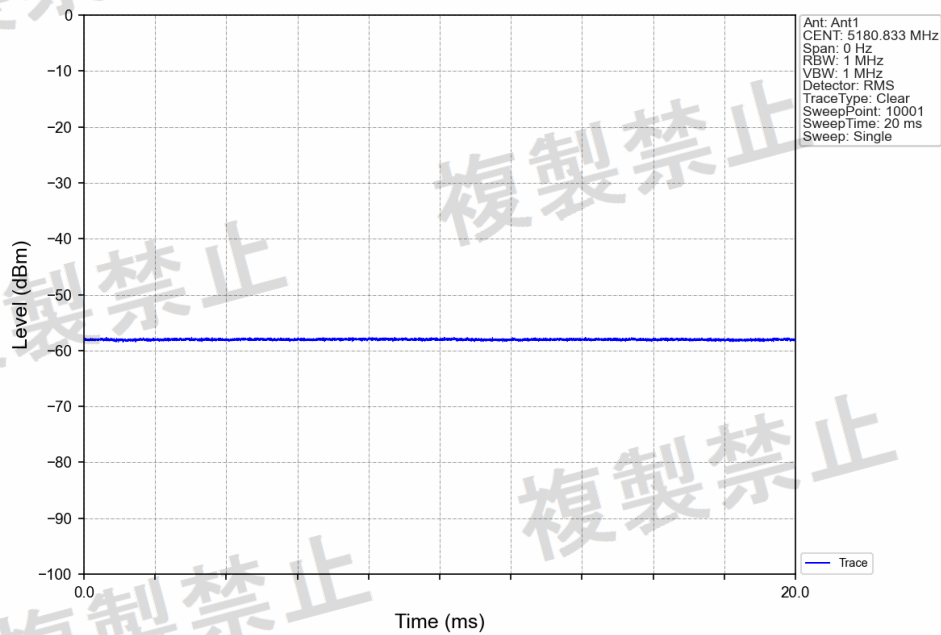


802.11n(HT20) MCH 5200MHz Ant1 NTVN

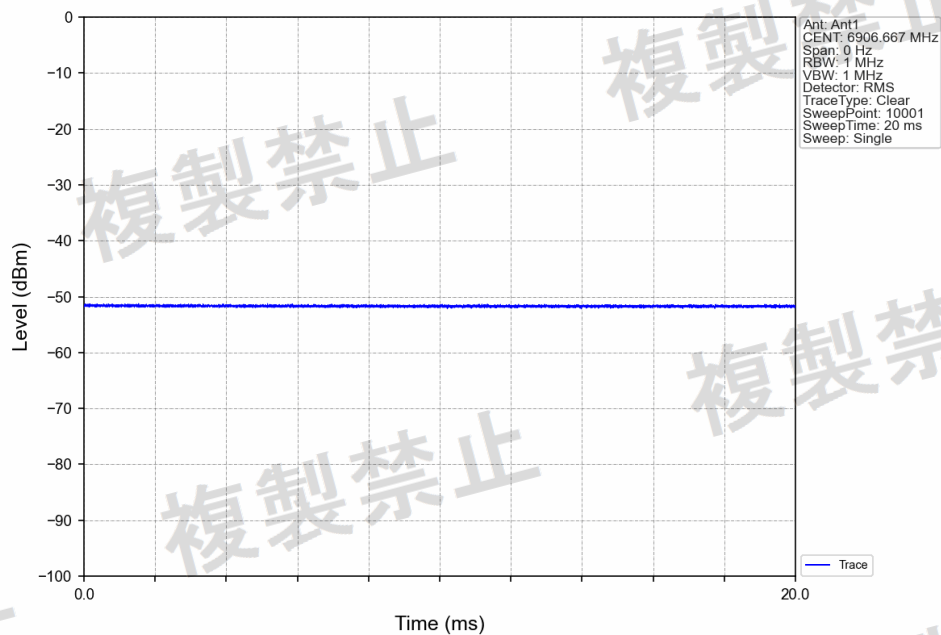


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	1000	0.1	0.1	830.950	-65.23	/	-54	Pass
1000	26000	1	1	5180.833	-44.40	-58.04	-47	Pass
1000	26000	1	1	6906.667	-47.47	-51.71	-47	Pass
1000	26000	1	1	25156.667	-56.46	-70.21	-47	Pass
1000	26000	1	1	25699.167	-56.28	-71.05	-47	Pass

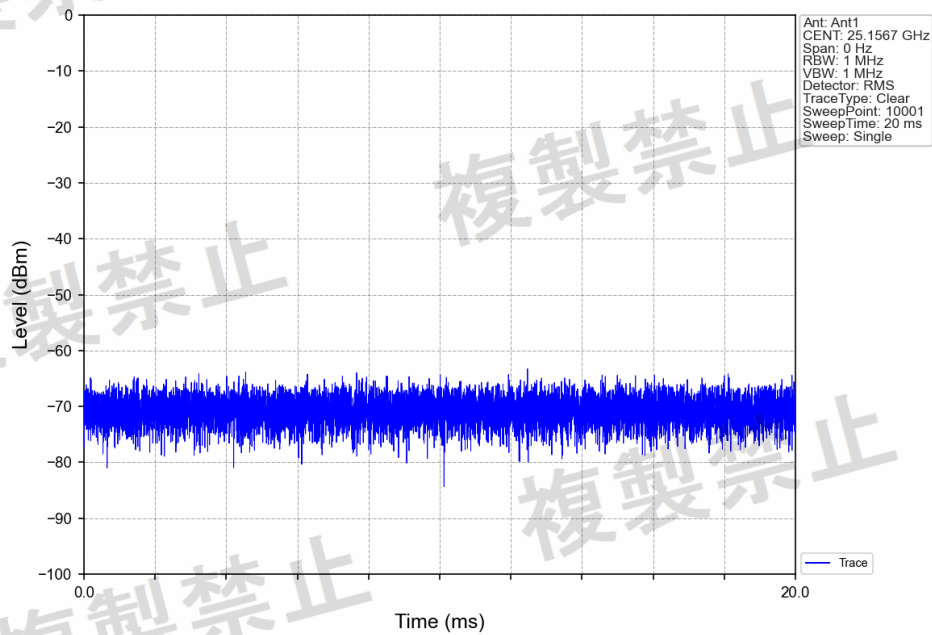
802.11n(HT20) MCH 5200MHz Ant1 NTV



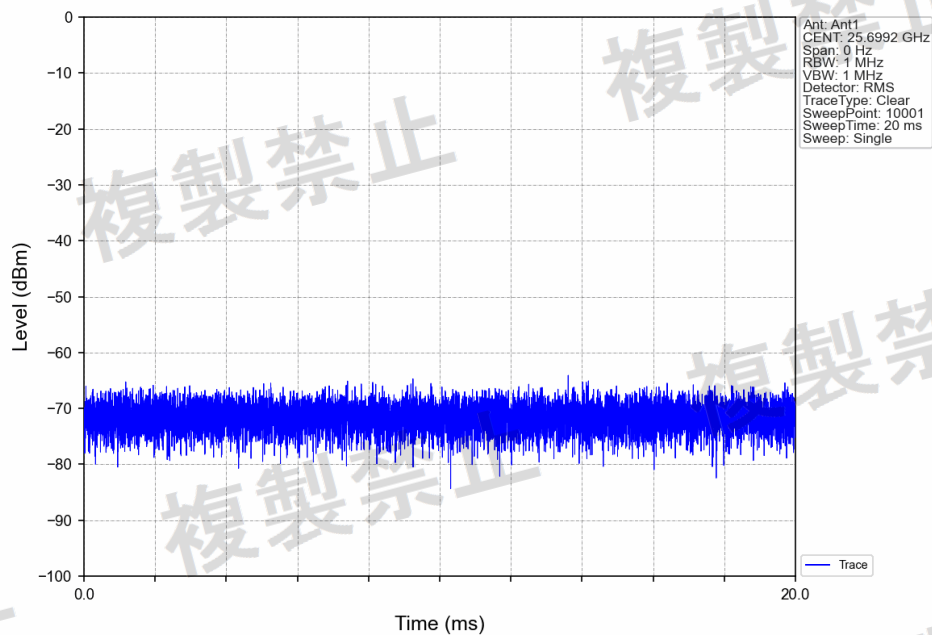
802.11n(HT20) MCH 5200MHz Ant1 NTV



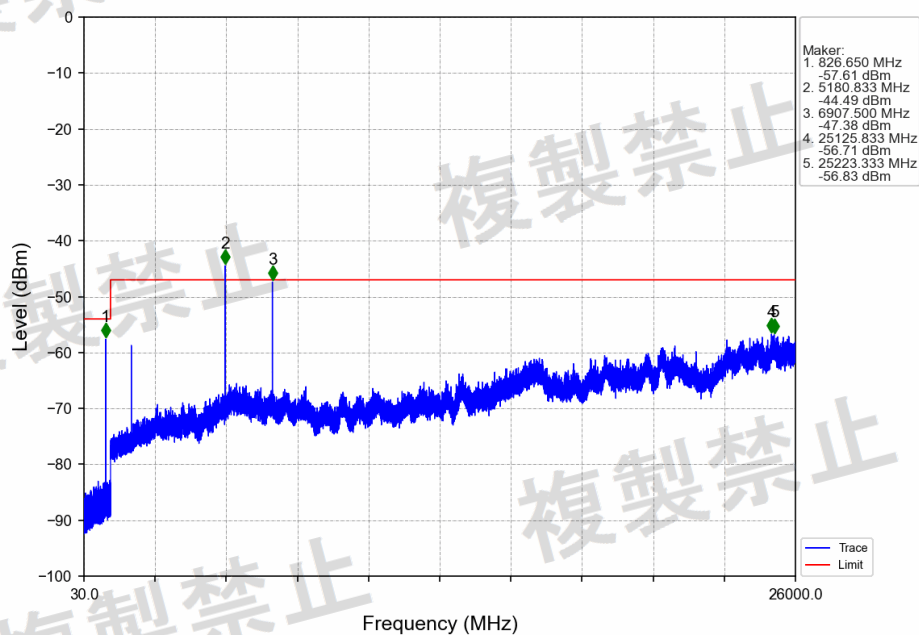
802.11n(HT20) MCH 5200MHz Ant1 NTN



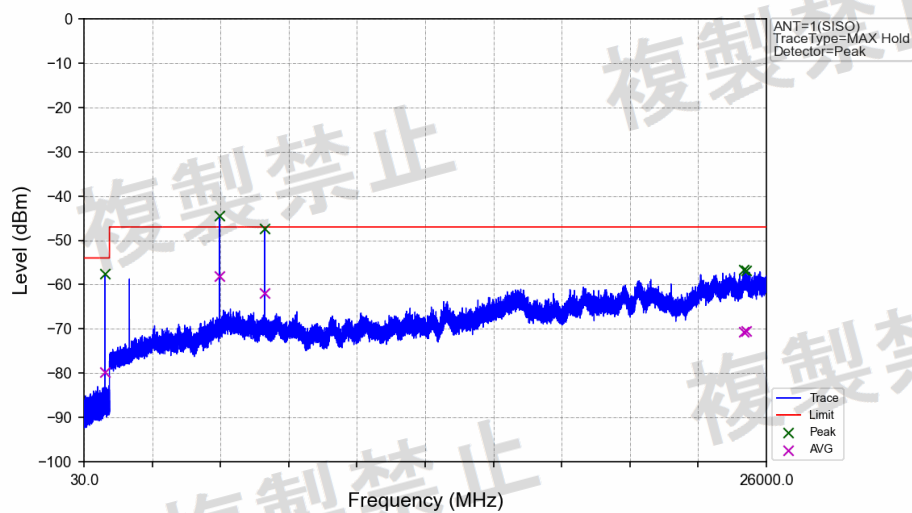
802.11n(HT20) MCH 5200MHz Ant1 NTN



802.11n(HT20) HCH 5240MHz Ant1 NTV

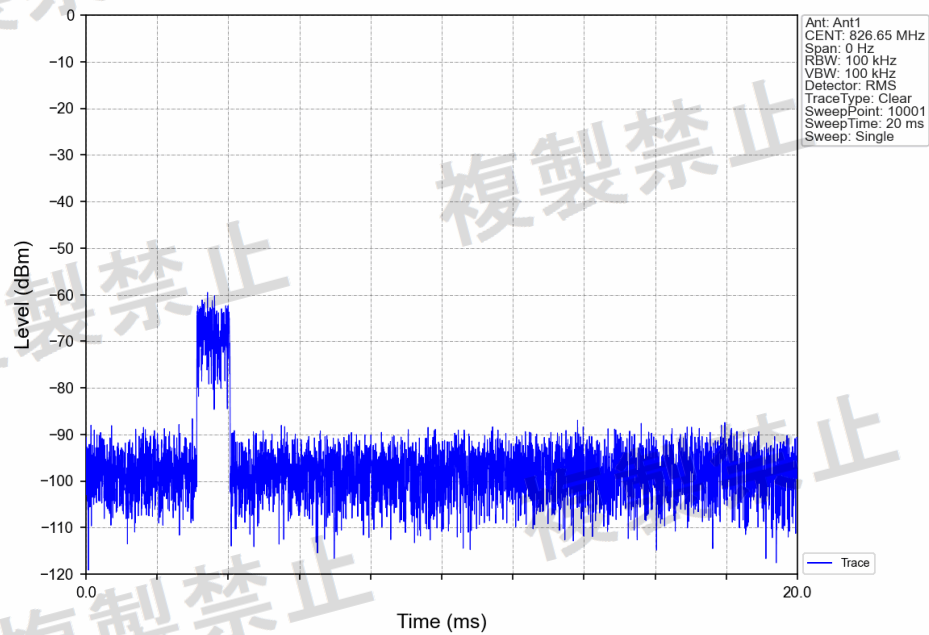


802.11n(HT20) HCH 5240MHz Ant1 NTV

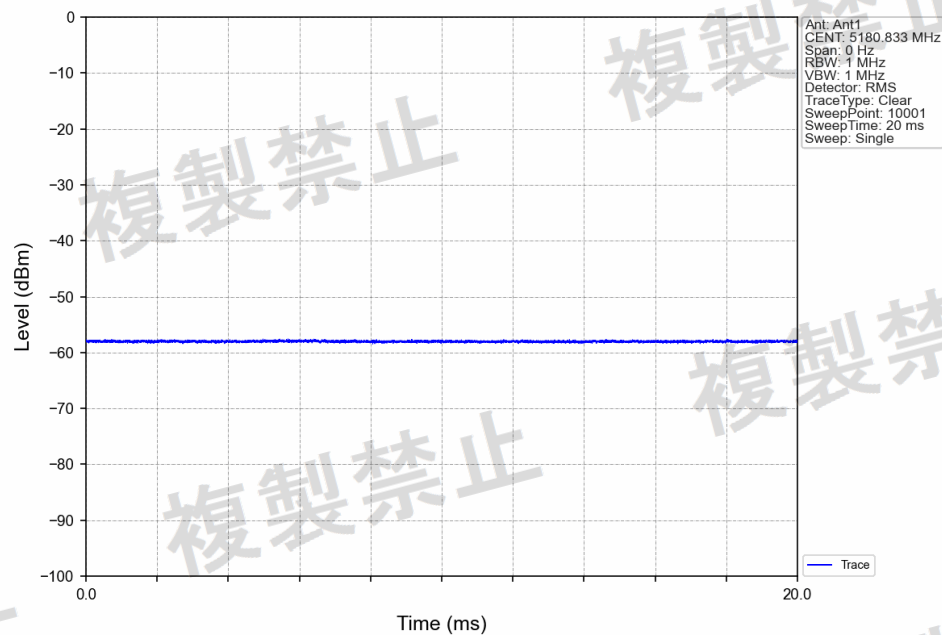


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	1000	0.1	0.1	826.650	-57.61	-79.76	-54	Pass
1000	26000	1	1	5180.833	-44.49	-58.02	-47	Pass
1000	26000	1	1	6907.500	-47.38	-61.87	-47	Pass
1000	26000	1	1	25125.833	-56.71	-70.68	-47	Pass
1000	26000	1	1	25223.333	-56.83	-70.44	-47	Pass

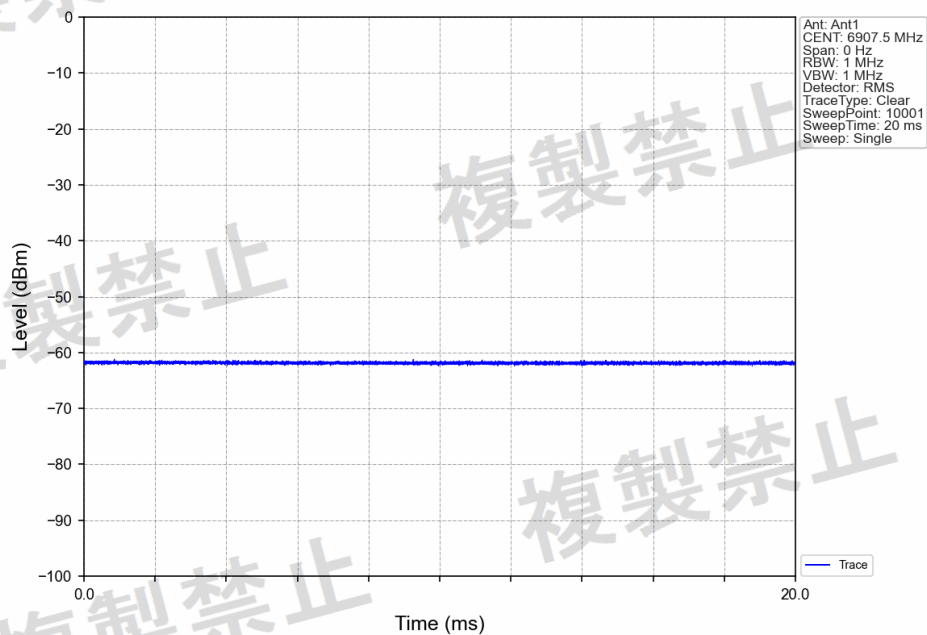
802.11n(HT20) HCH 5240MHz Ant1 NTV



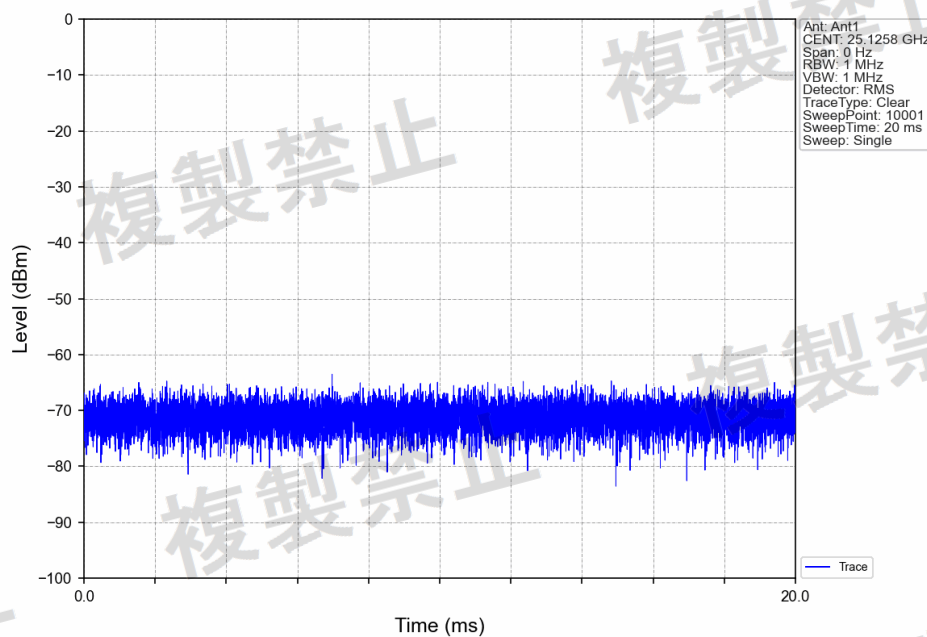
802.11n(HT20) HCH 5240MHz Ant1 NTV



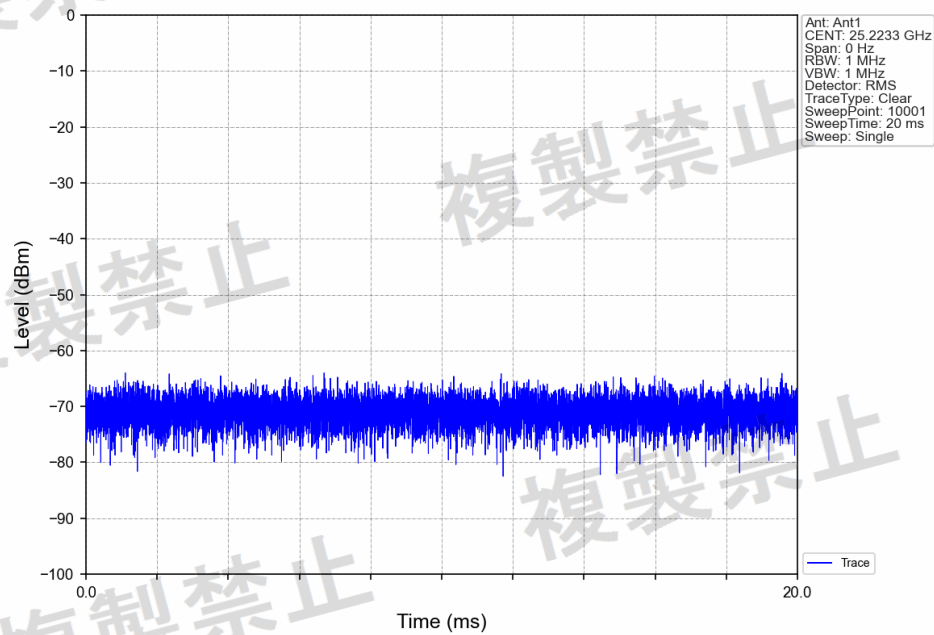
802.11n(HT20) HCH 5240MHz Ant1 NTV



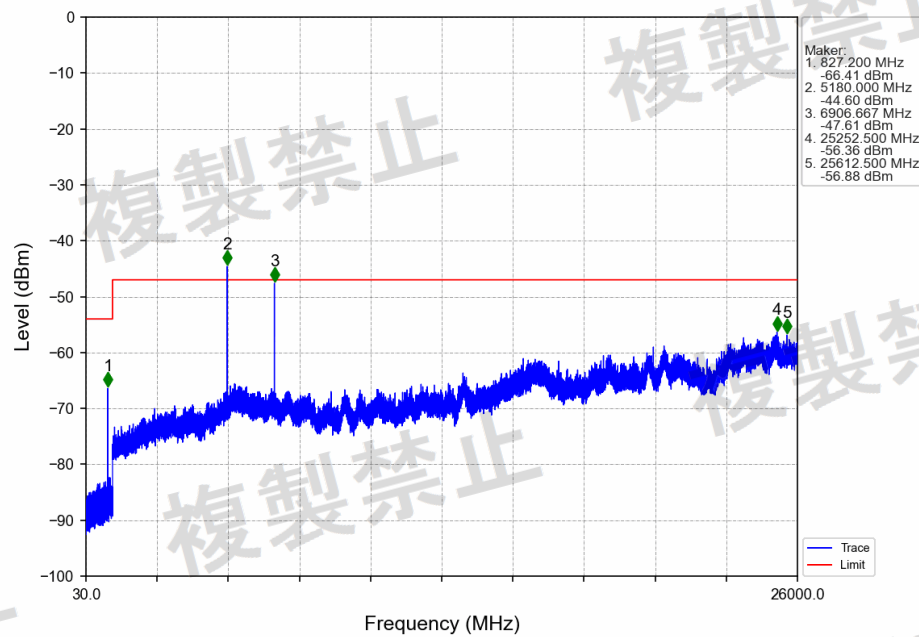
802.11n(HT20) HCH 5240MHz Ant1 NTV



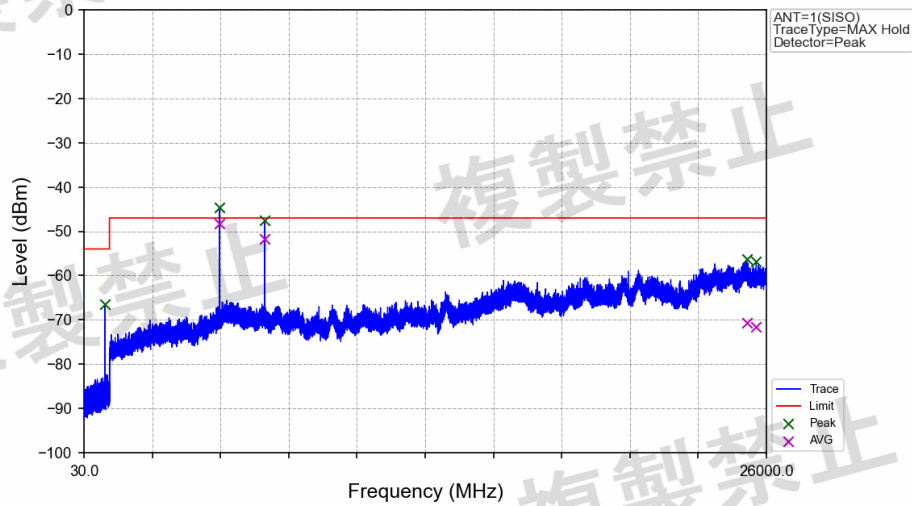
802.11n(HT20) HCH 5240MHz Ant1 NTVN



802.11n(HT40) LCH 5190MHz Ant1 NTVN

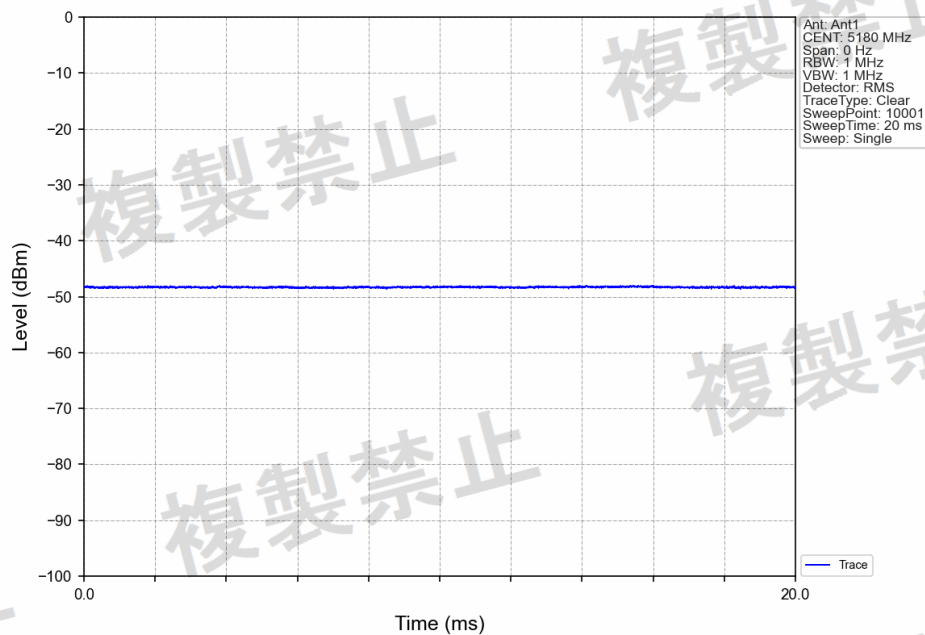


802.11n(HT40) LCH 5190MHz Ant1 NTV

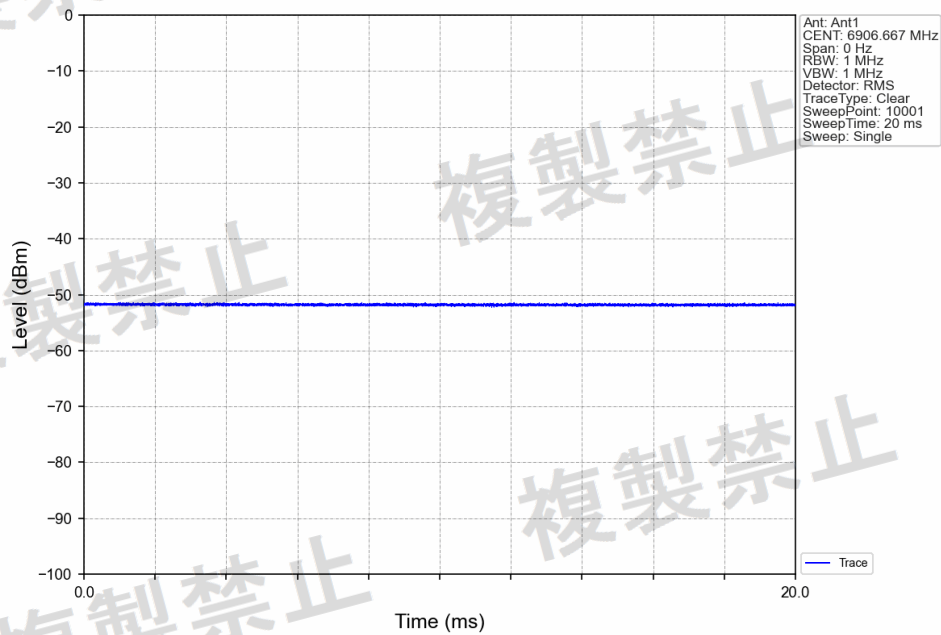


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	1000	0.1	0.1	827.200	-66.41	/	-54	Pass
1000	26000	1	1	5180.000	-44.60	-48.32	-47	Pass
1000	26000	1	1	6906.667	-47.61	-51.82	-47	Pass
1000	26000	1	1	25252.500	-56.36	-70.64	-47	Pass
1000	26000	1	1	25612.500	-56.88	-71.66	-47	Pass

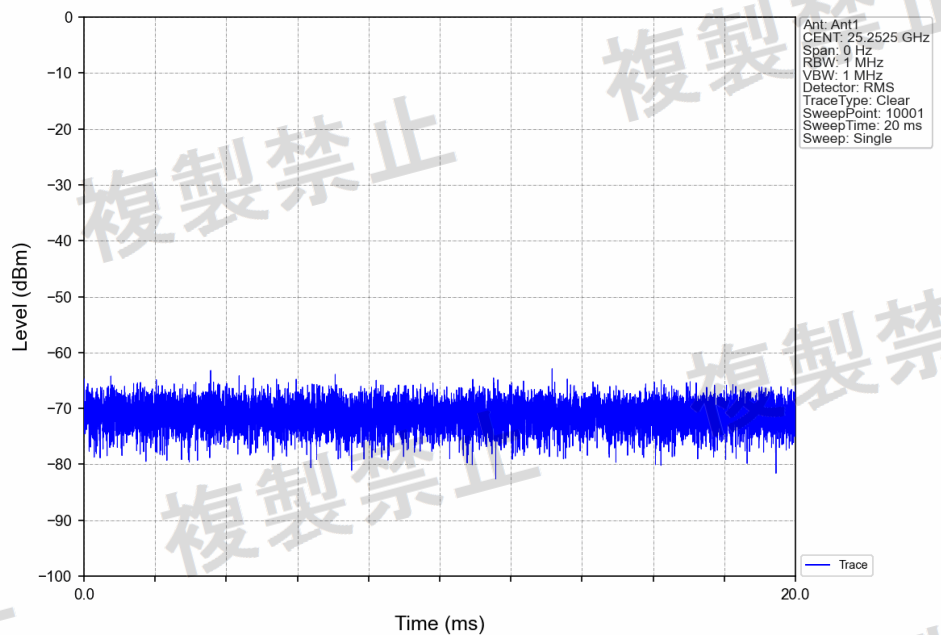
802.11n(HT40) LCH 5190MHz Ant1 NTV



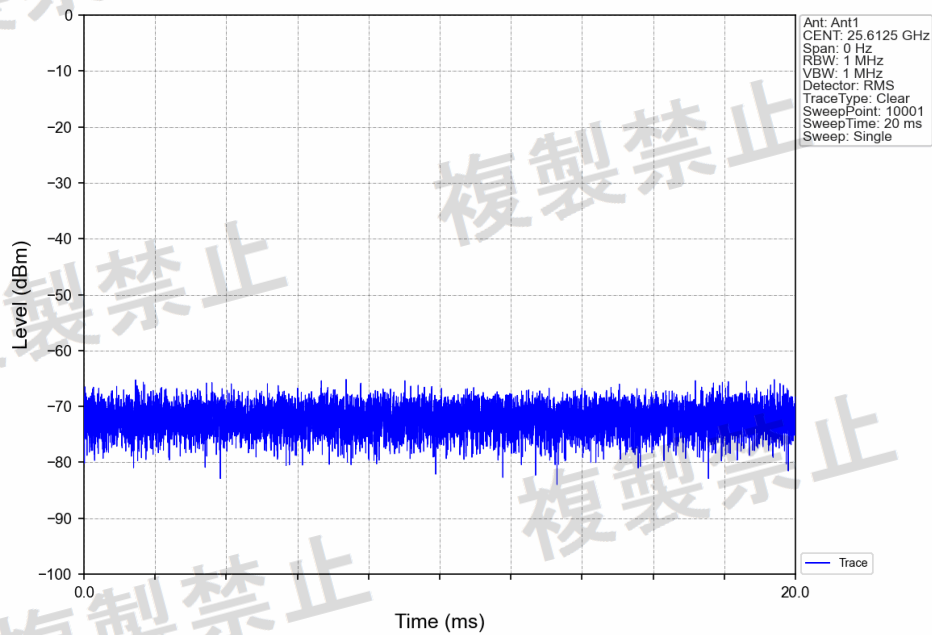
802.11n(HT40) LCH 5190MHz Ant1 NTNV



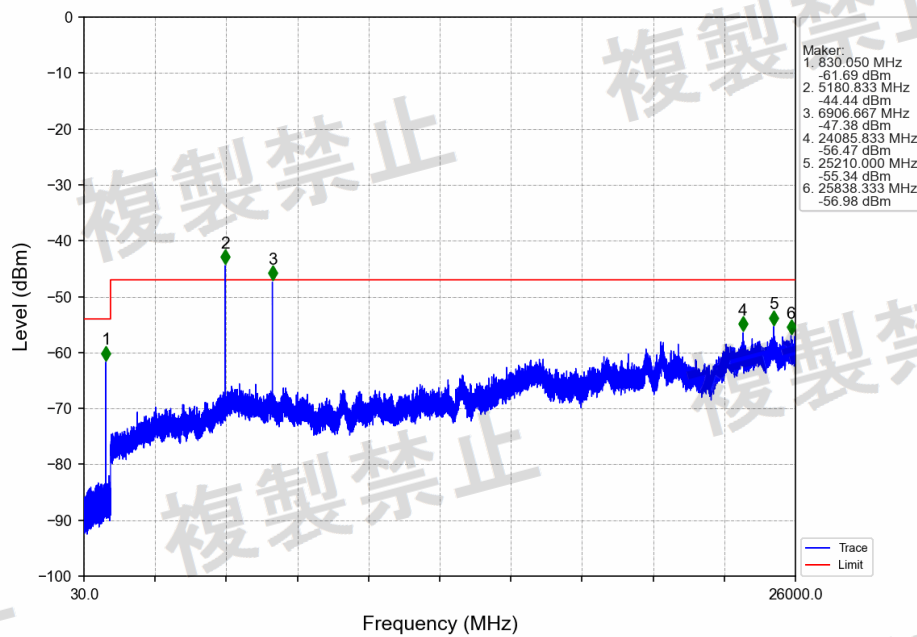
802.11n(HT40) LCH 5190MHz Ant1 NTNV



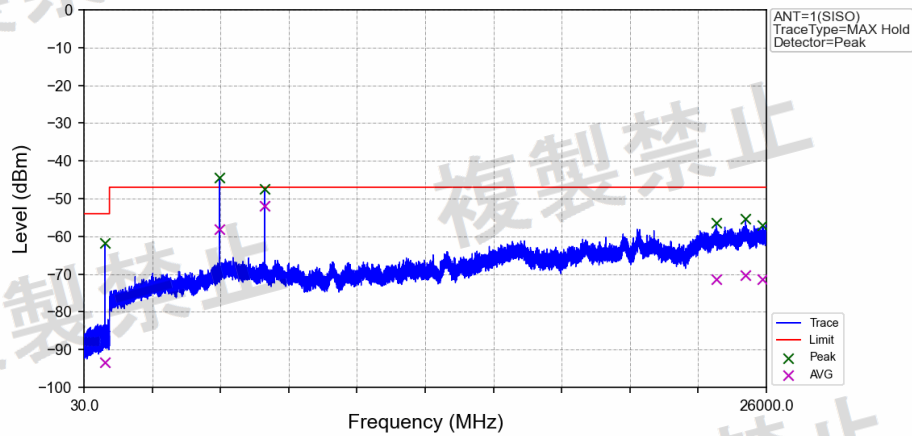
802.11n(HT40) LCH 5190MHz Ant1 NTV



802.11n(HT40) HCH 5230MHz Ant1 NTV

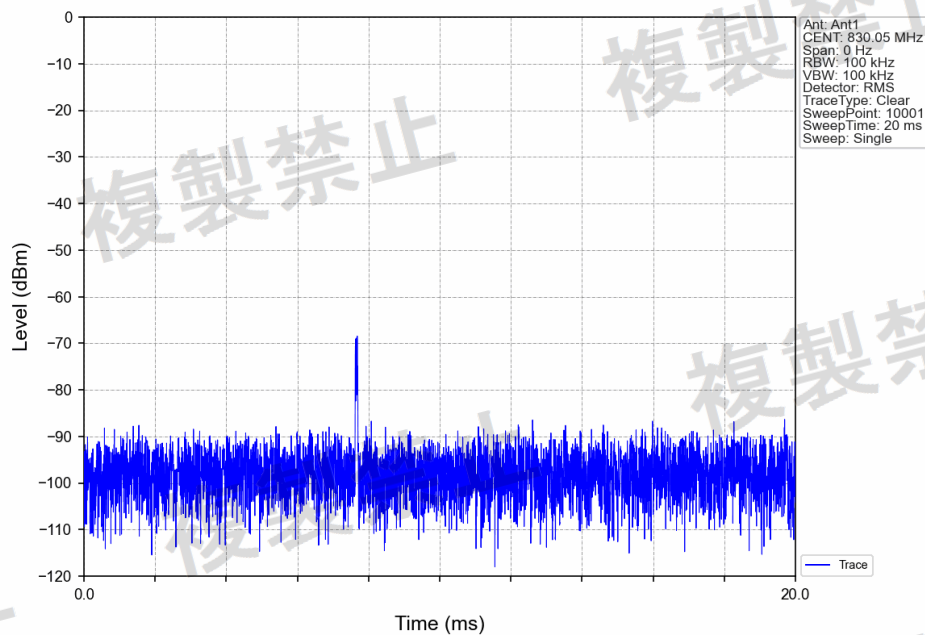


802.11n(HT40) HCH 5230MHz Ant1 NTVN

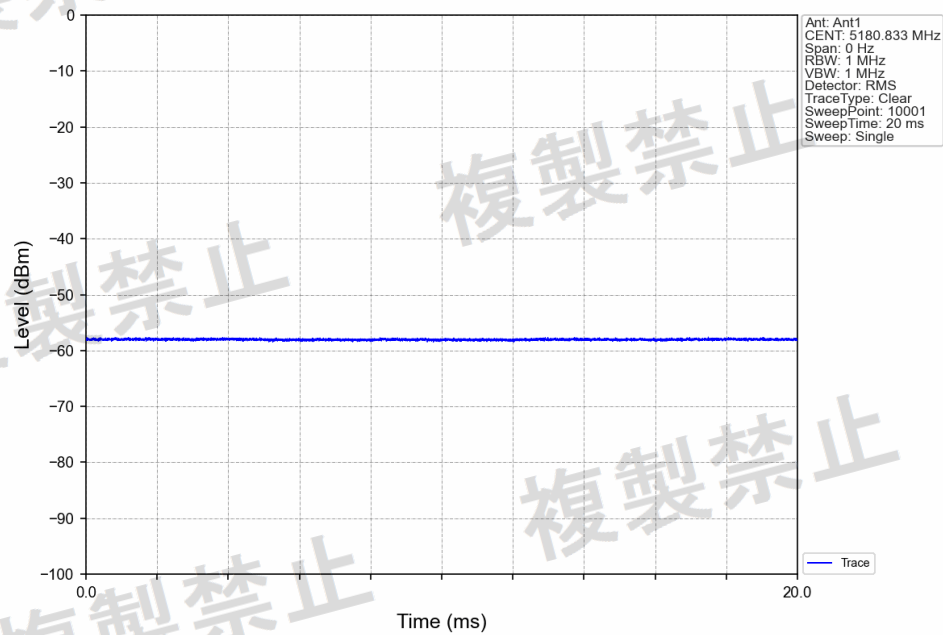


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	1000	0.1	0.1	830.050	-61.69	-93.28	-54	Pass
1000	26000	1	1	5180.833	-44.44	-58.04	-47	Pass
1000	26000	1	1	6906.667	-47.38	-51.83	-47	Pass
1000	26000	1	1	24085.833	-56.47	-71.44	-47	Pass
1000	26000	1	1	25210.000	-55.34	-70.36	-47	Pass
1000	26000	1	1	25838.333	-56.98	-71.44	-47	Pass

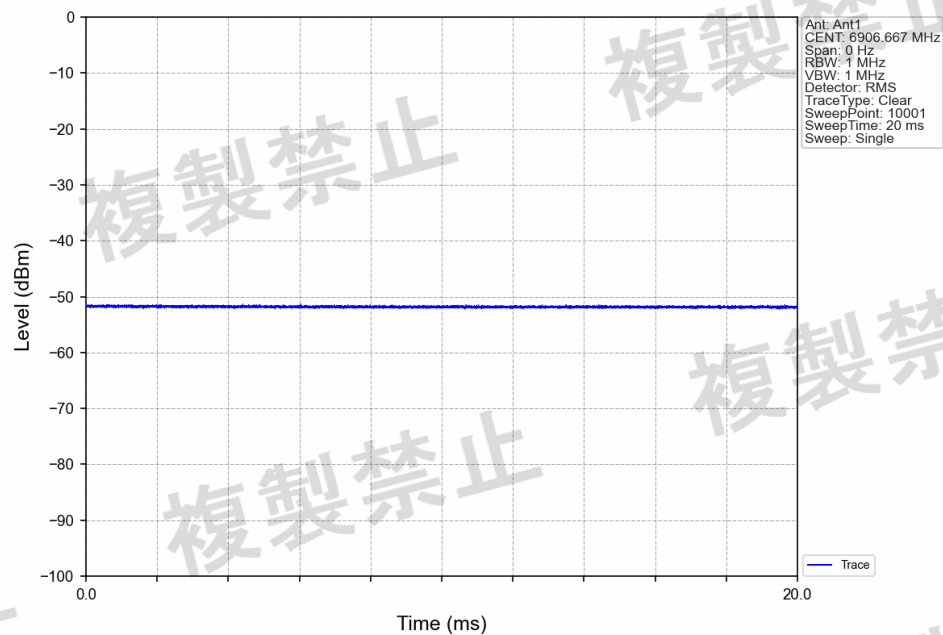
802.11n(HT40) HCH 5230MHz Ant1 NTVN



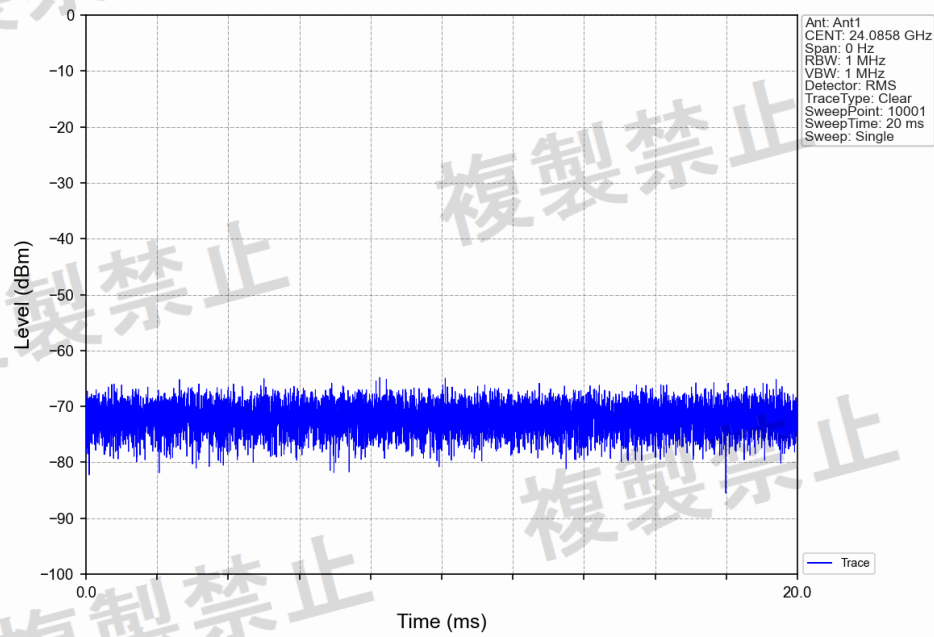
802.11n(HT40) HCH 5230MHz Ant1 NTV



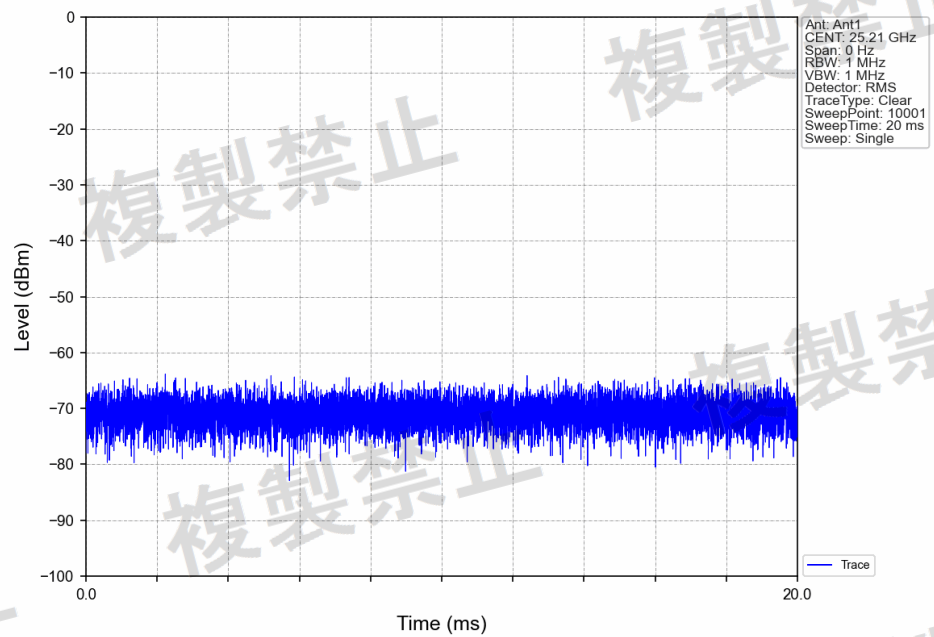
802.11n(HT40) HCH 5230MHz Ant1 NTV



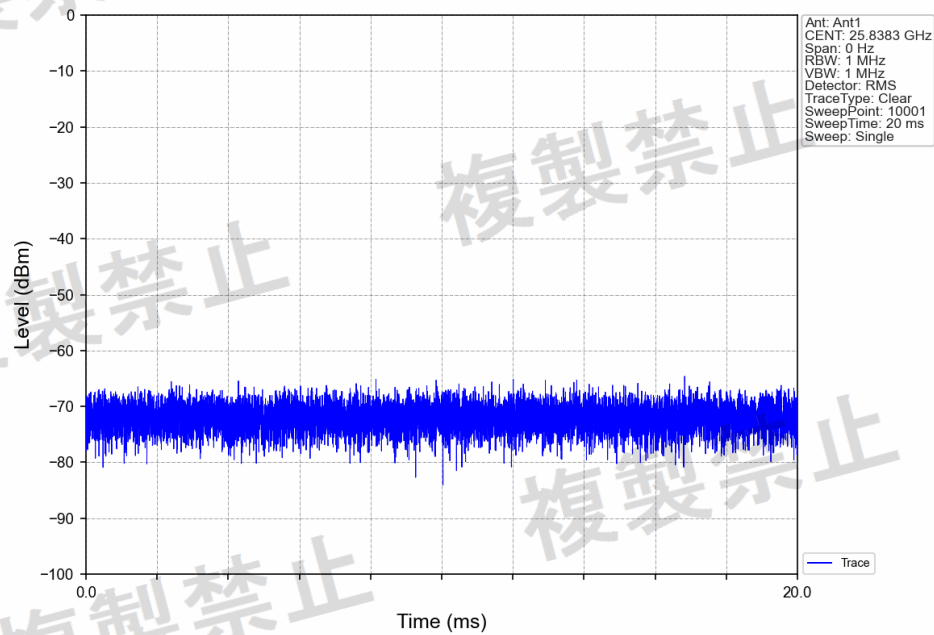
802.11n(HT40) HCH 5230MHz Ant1 NTVN



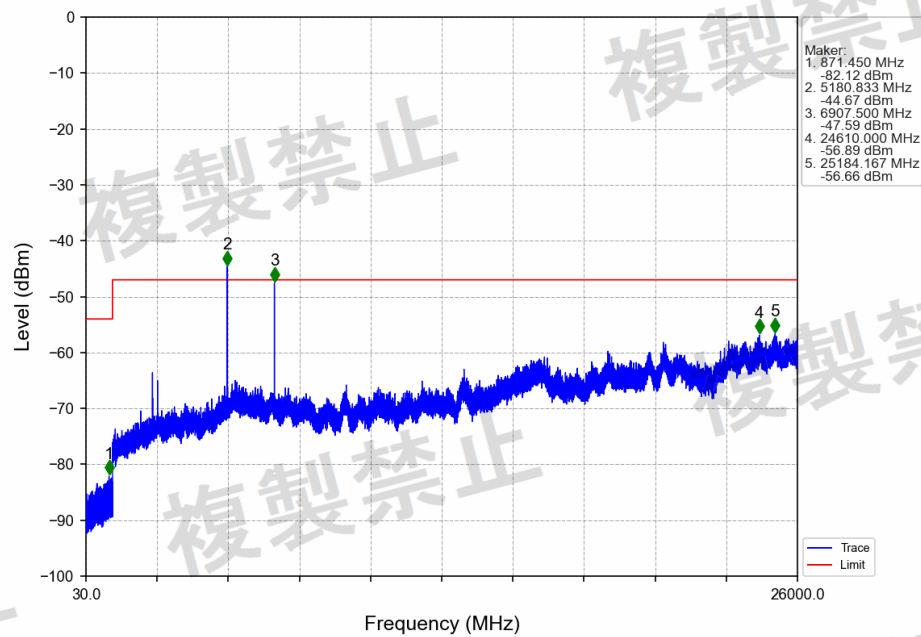
802.11n(HT40) HCH 5230MHz Ant1 NTVN



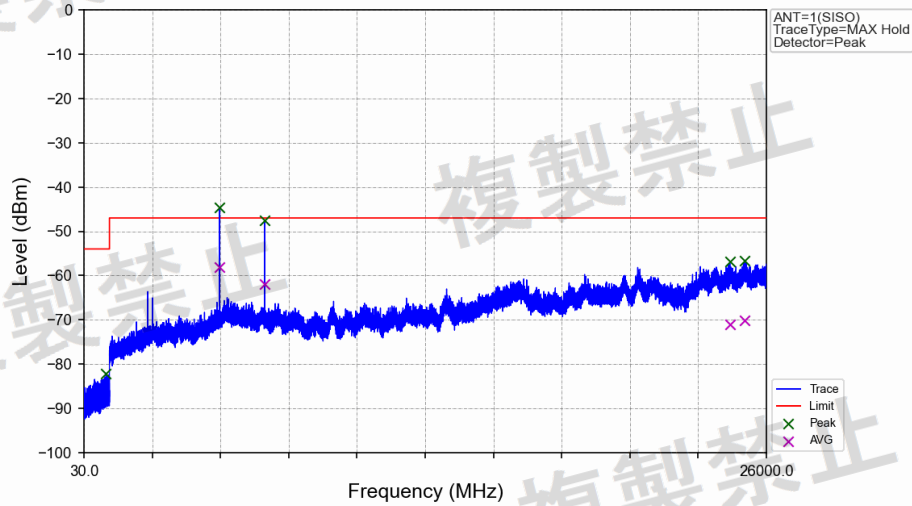
802.11n(HT40) HCH 5230MHz Ant1 NTV



802.11ac(VHT20) LCH 5180MHz Ant1 NTV

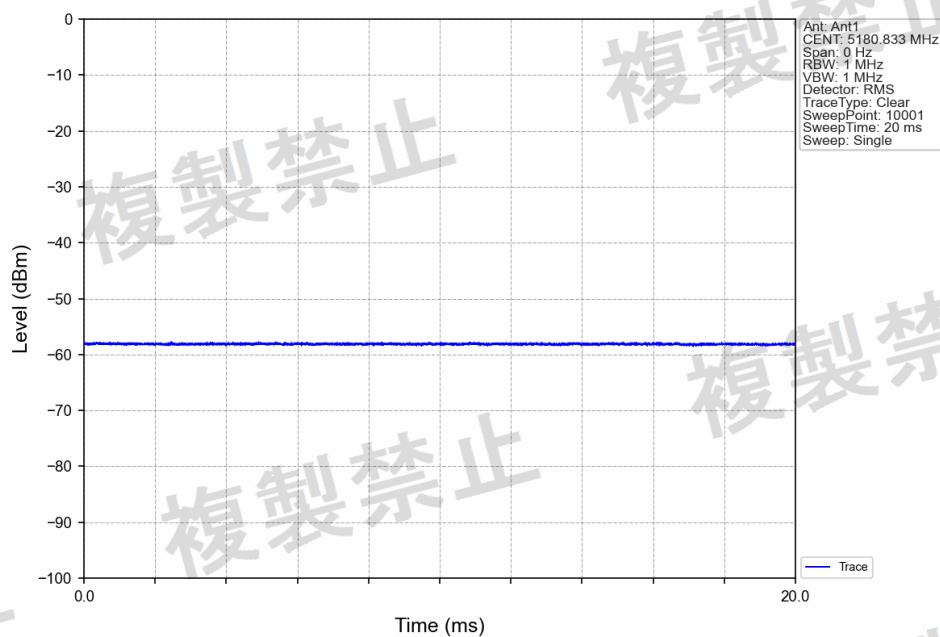


802.11ac(VHT20) LCH 5180MHz Ant1 NTVN

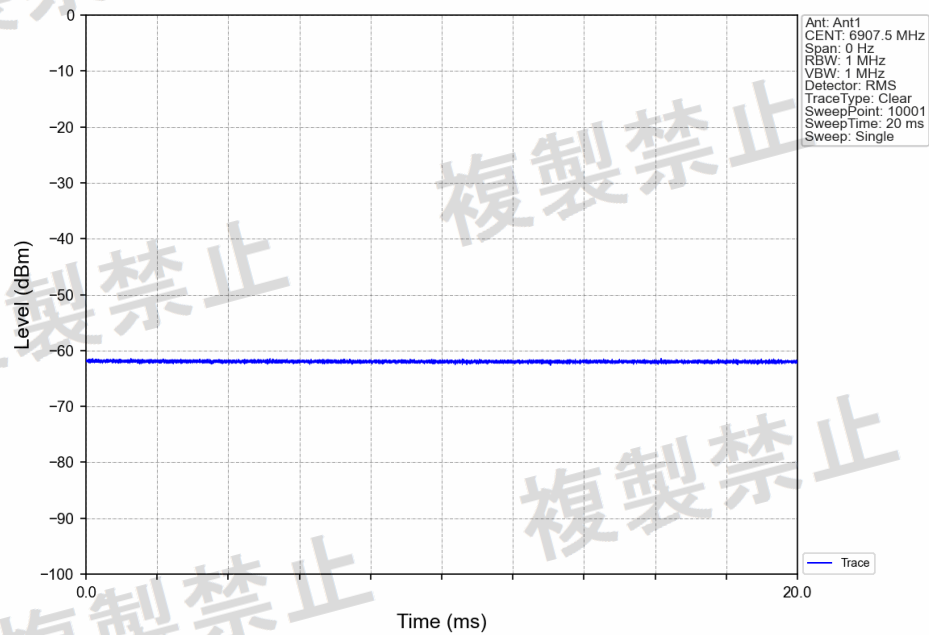


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	1000	0.1	0.1	871.450	-82.12	/	-54	Pass
1000	26000	1	1	5180.833	-44.67	-58.13	-47	Pass
1000	26000	1	1	6907.500	-47.59	-61.98	-47	Pass
1000	26000	1	1	24610.000	-56.89	-71.06	-47	Pass
1000	26000	1	1	25184.167	-56.66	-70.20	-47	Pass

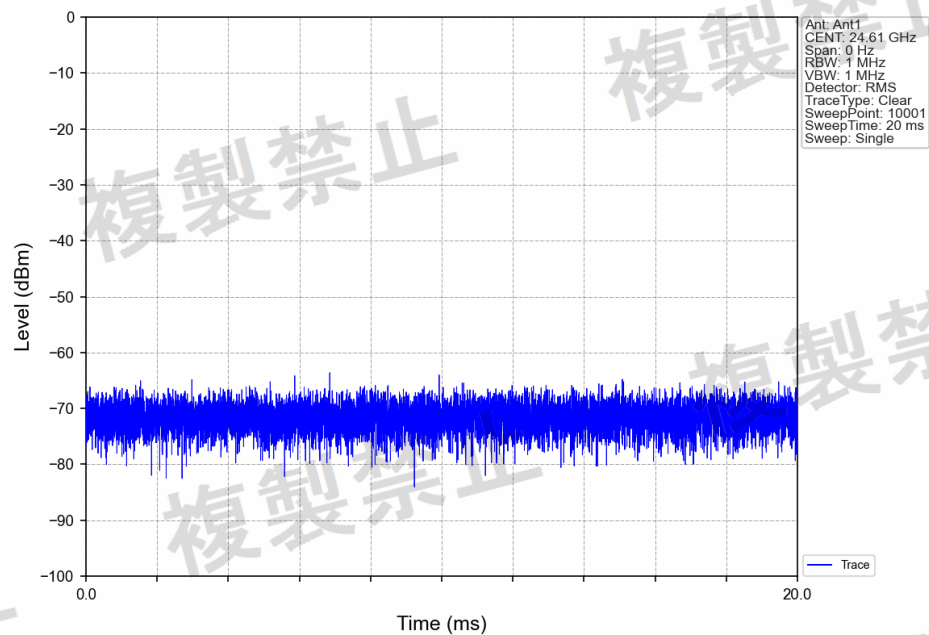
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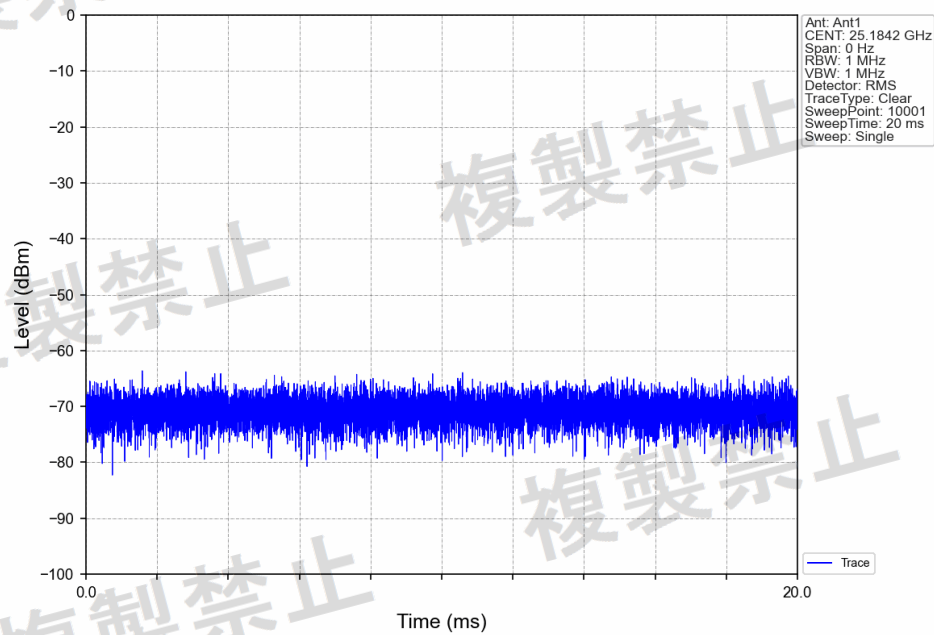
802.11ac(VHT20) LCH 5180MHz Ant1 NTVN



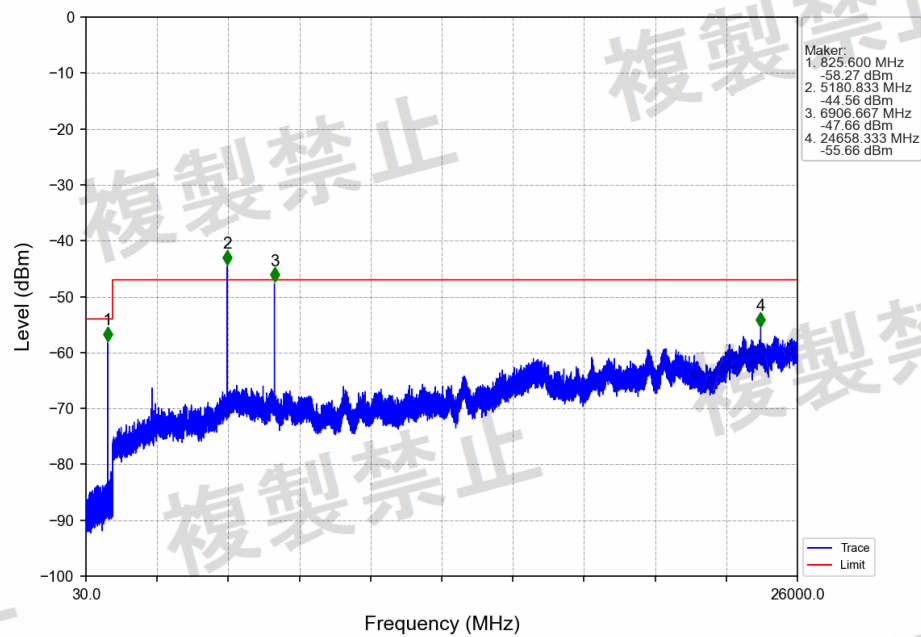
802.11ac(VHT20) LCH 5180MHz Ant1 NTVN



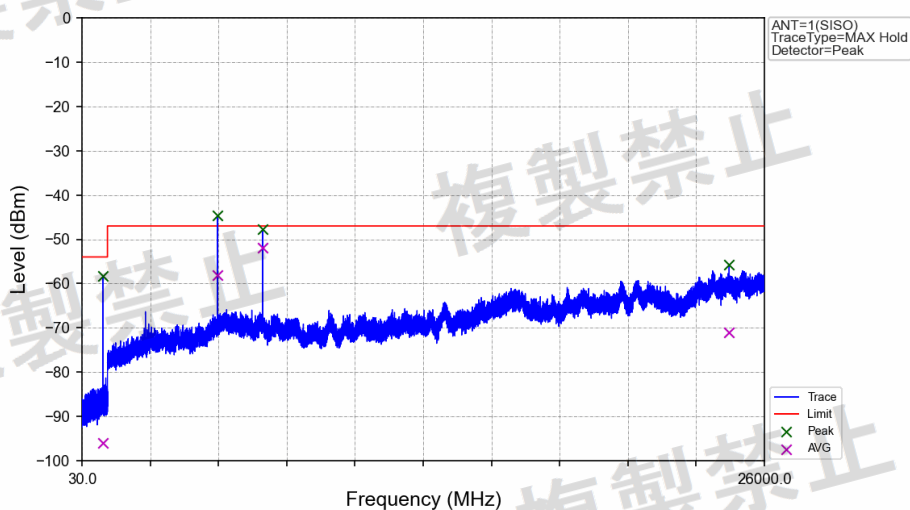
802.11ac(VHT20) LCH 5180MHz Ant1 NTVN



802.11ac(VHT20) MCH 5200MHz Ant1 NTVN

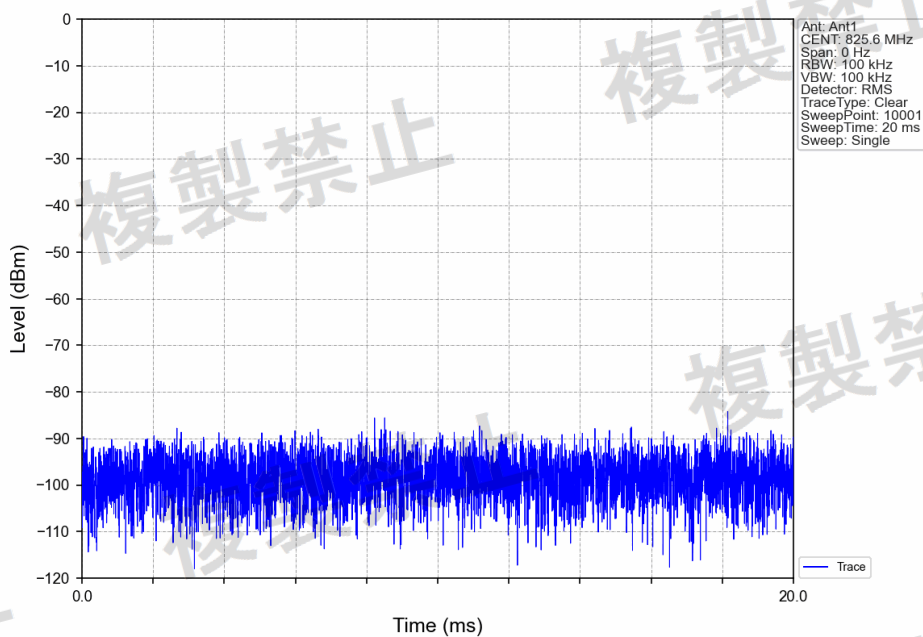


802.11ac(VHT20) MCH 5200MHz Ant1 NTNV

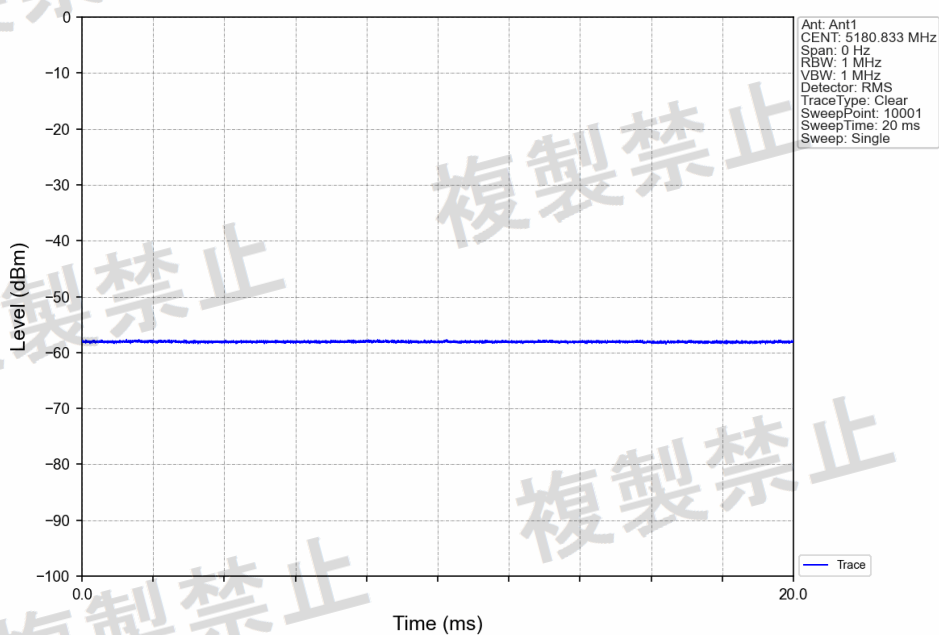


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	1000	0.1	0.1	825.600	-58.27	-96.03	-54	Pass
1000	26000	1	1	5180.833	-44.56	-58.08	-47	Pass
1000	26000	1	1	6906.667	-47.66	-51.87	-47	Pass
1000	26000	1	1	24658.333	-55.66	-71.12	-47	Pass

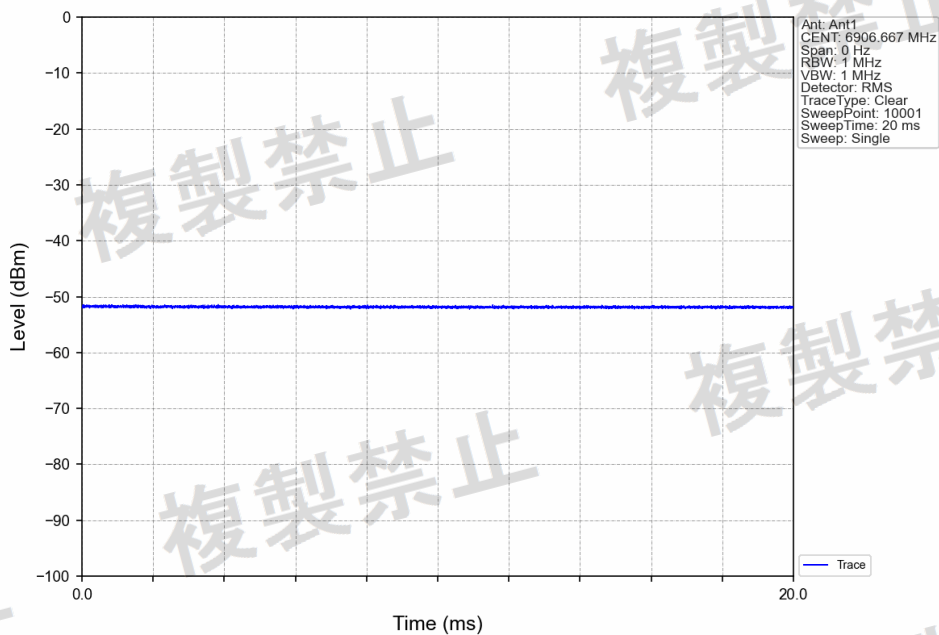
802.11ac(VHT20) MCH 5200MHz Ant1 NTNV



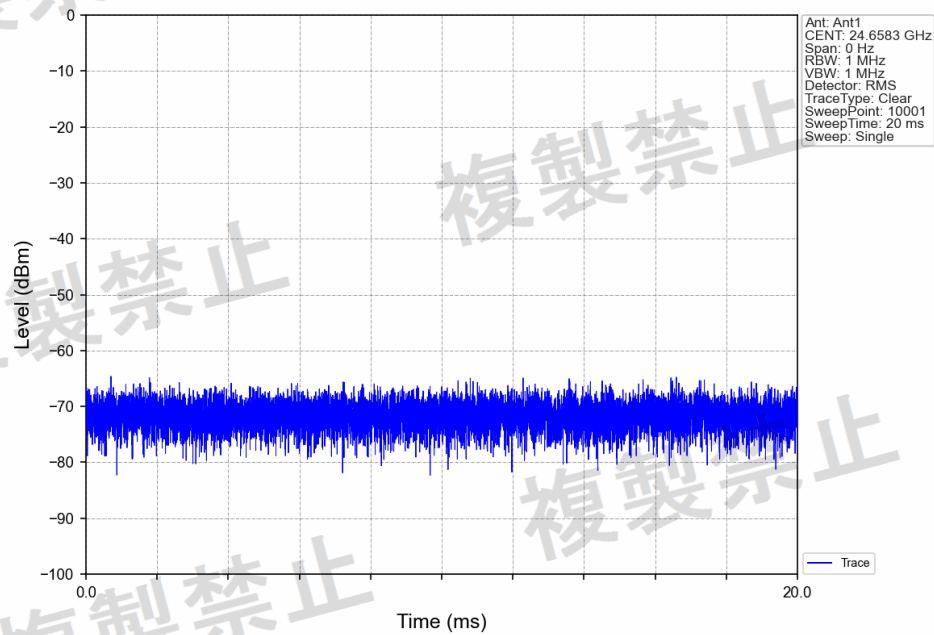
802.11ac(VHT20) MCH 5200MHz Ant1 NTNV



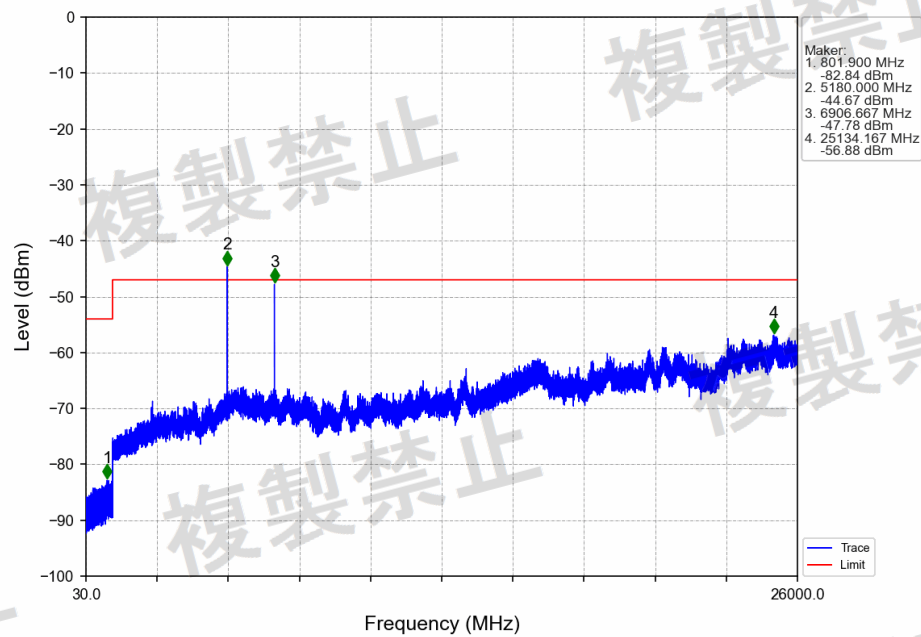
802.11ac(VHT20) MCH 5200MHz Ant1 NTNV



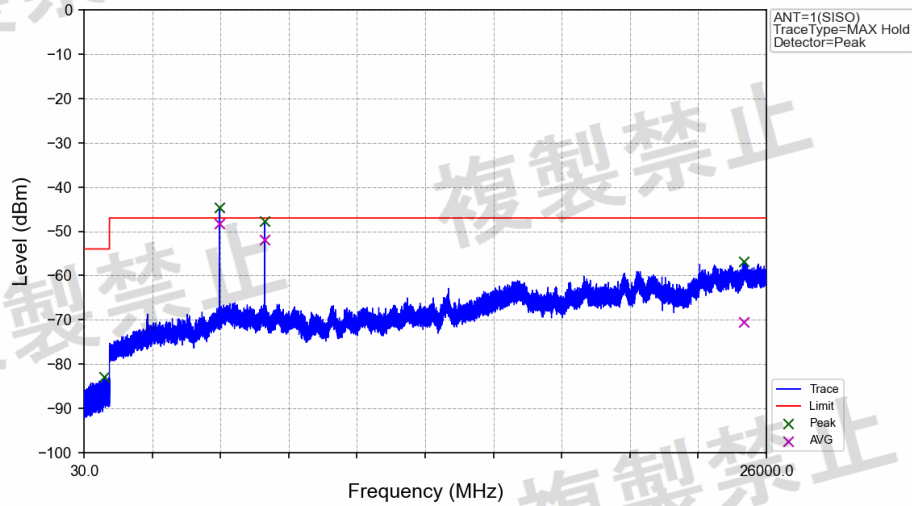
802.11ac(VHT20) MCH 5200MHz Ant1 NTN



802.11ac(VHT20) HCH 5240MHz Ant1 NTN

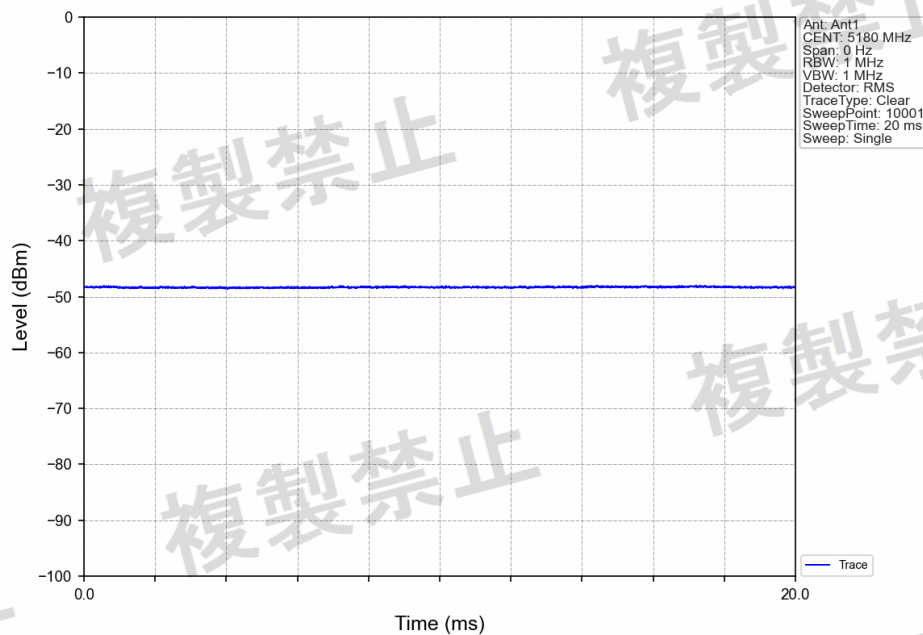


802.11ac(VHT20) HCH 5240MHz Ant1 NTN

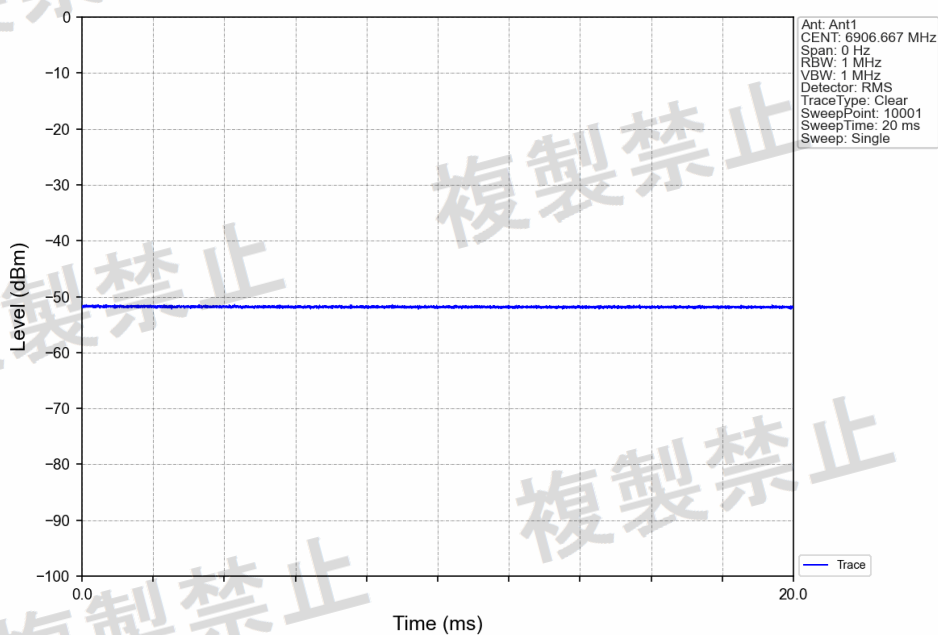


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	1000	0.1	0.1	801.900	-82.84	/	-54	Pass
1000	26000	1	1	5180.000	-44.67	-48.33	-47	Pass
1000	26000	1	1	6906.667	-47.78	-51.85	-47	Pass
1000	26000	1	1	25134.167	-56.88	-70.51	-47	Pass

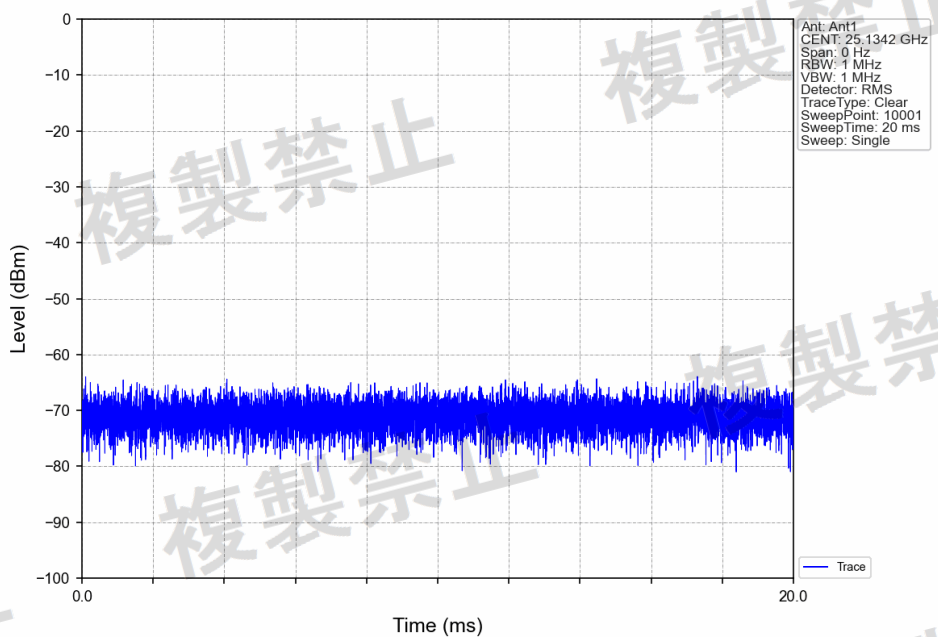
802.11ac(VHT20) HCH 5240MHz Ant1 NTN



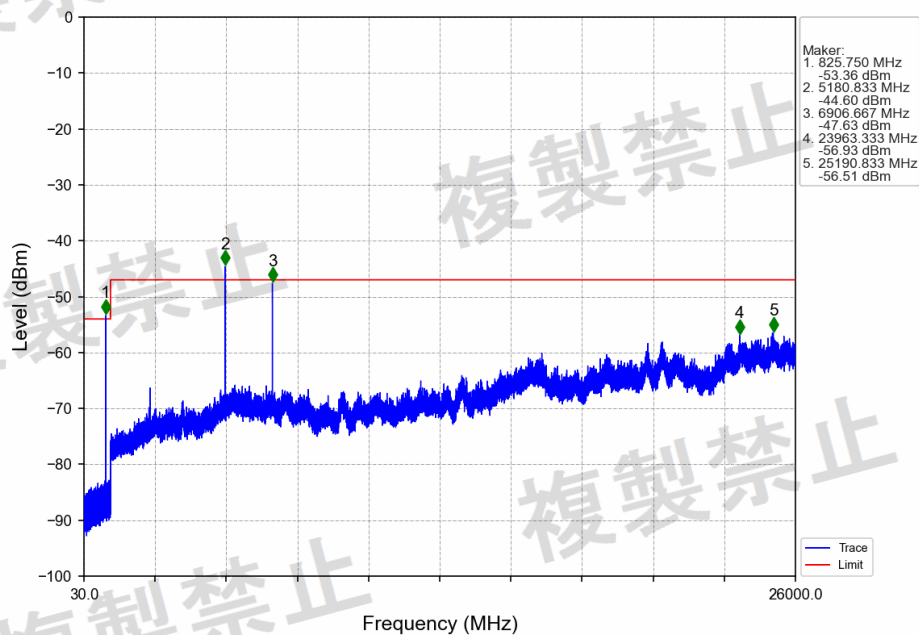
802.11ac(VHT20) HCH 5240MHz Ant1 NTV



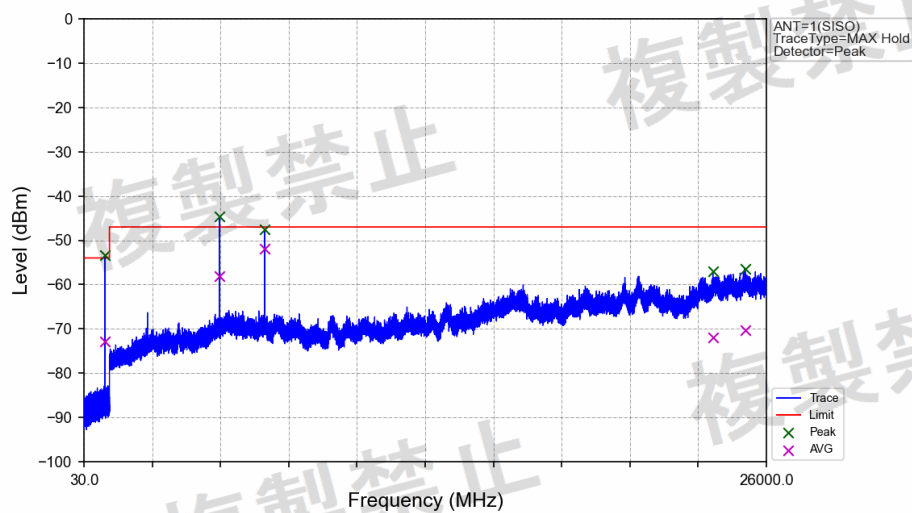
802.11ac(VHT20) HCH 5240MHz Ant1 NTV



802.11ac(VHT40) LCH 5190MHz Ant1 NTVN

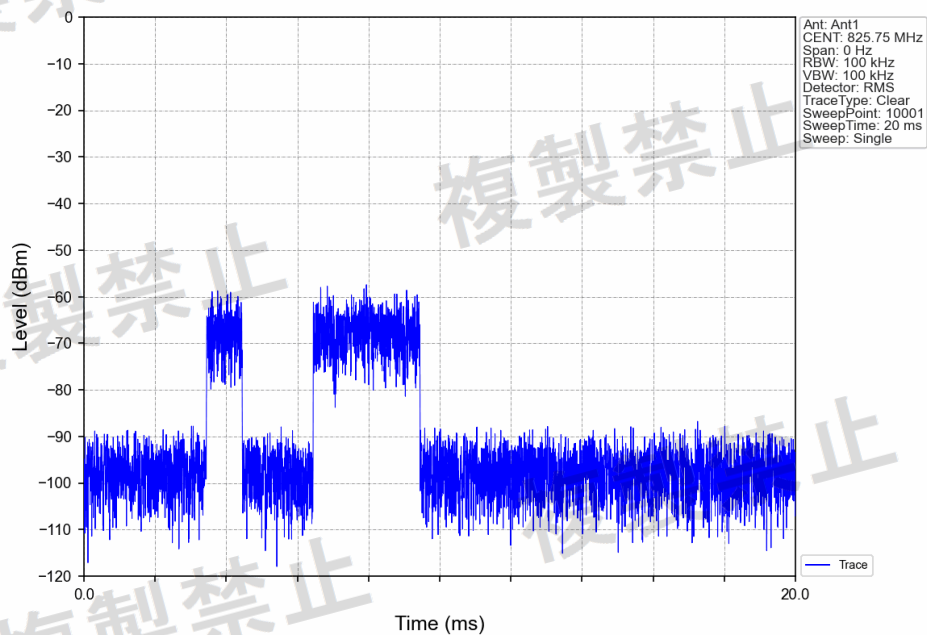


802.11ac(VHT40) LCH 5190MHz Ant1 NTVN

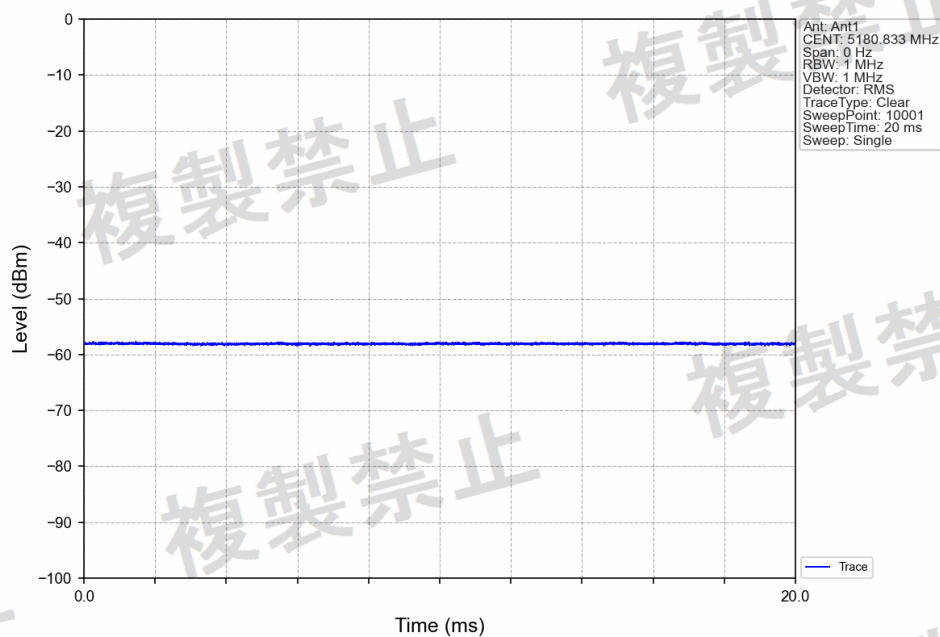


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	1000	0.1	0.1	825.750	-53.36	-72.77	-54	Pass
1000	26000	1	1	5180.833	-44.60	-58.08	-47	Pass
1000	26000	1	1	6906.667	-47.63	-51.85	-47	Pass
1000	26000	1	1	23963.333	-56.93	-71.95	-47	Pass
1000	26000	1	1	25190.833	-56.51	-70.28	-47	Pass

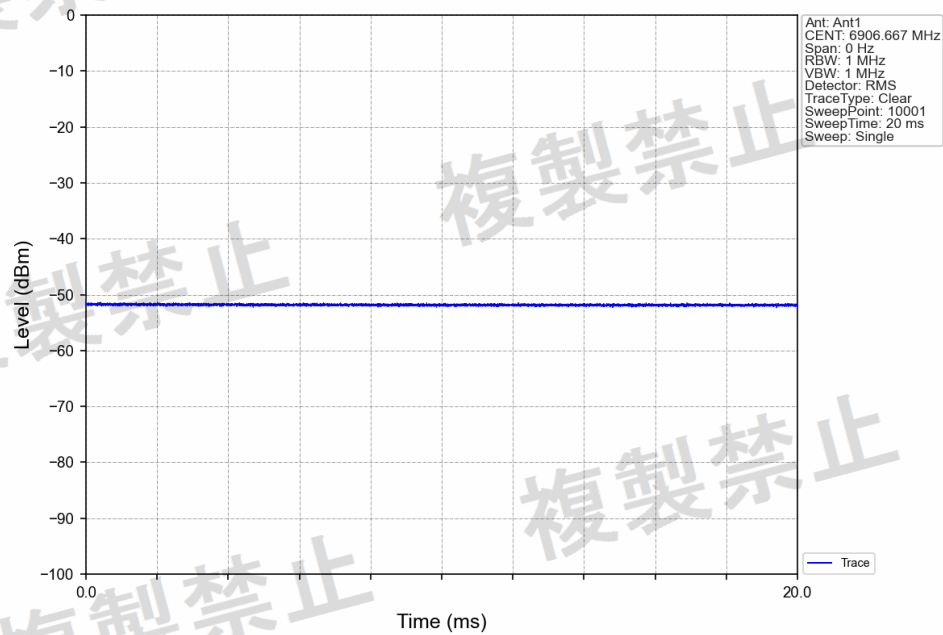
802.11ac(VHT40) LCH 5190MHz Ant1 NTVN



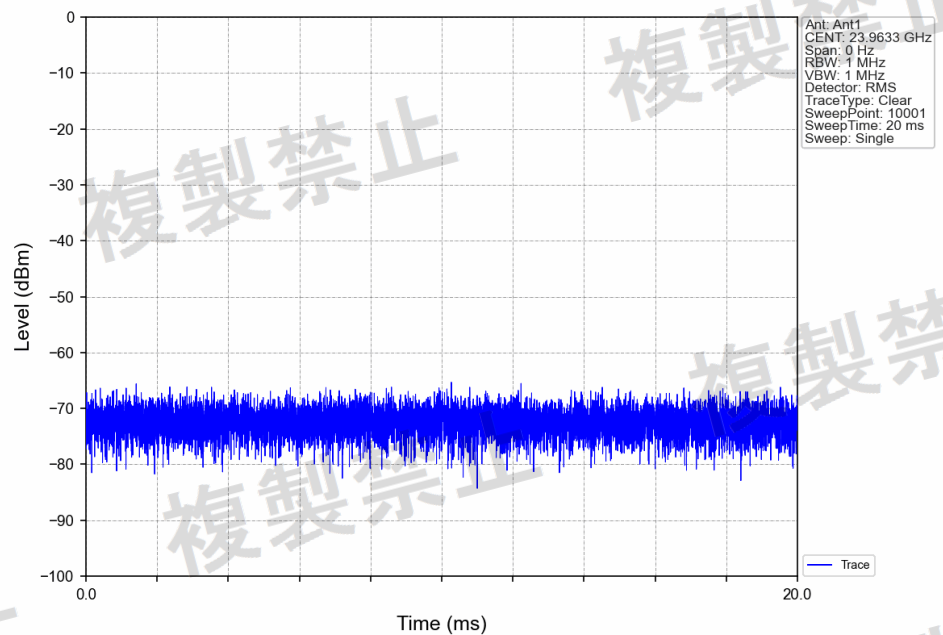
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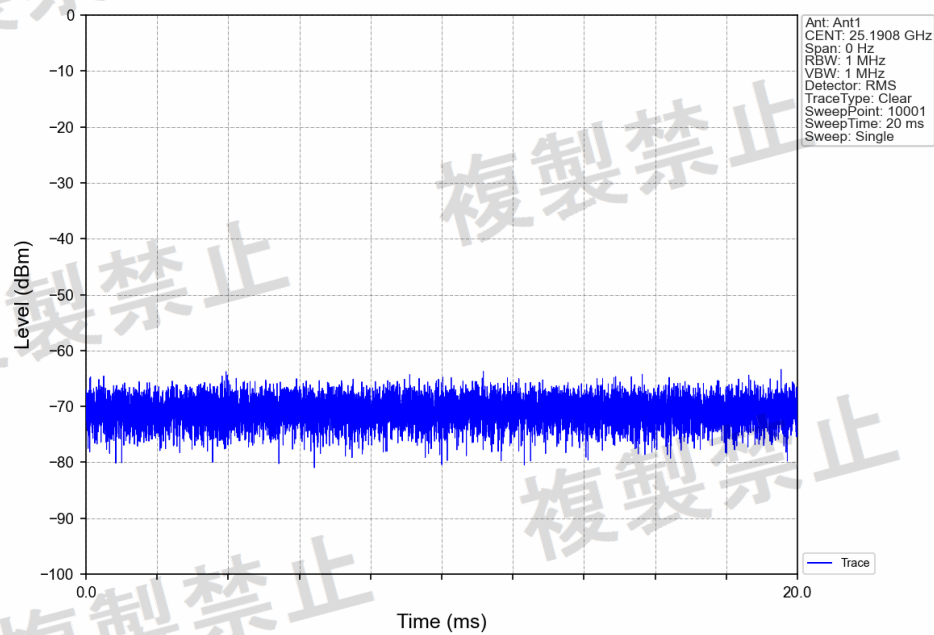
802.11ac(VHT40) LCH 5190MHz Ant1 NTVN



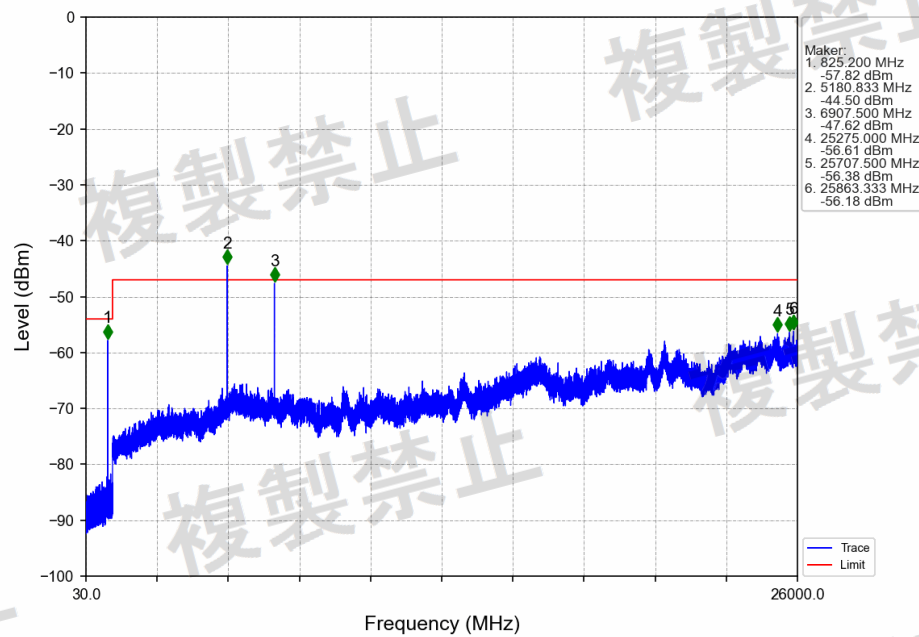
802.11ac(VHT40) LCH 5190MHz Ant1 NTVN



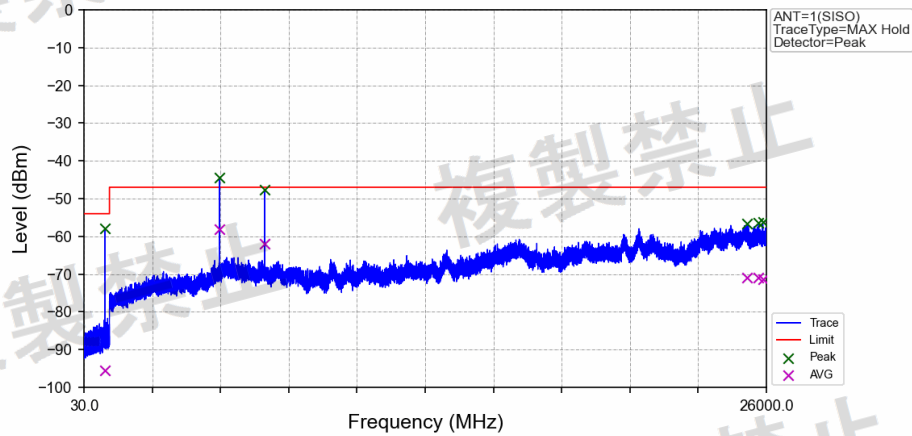
802.11ac(VHT40) LCH 5190MHz Ant1 NTVN



802.11ac(VHT40) HCH 5230MHz Ant1 NTVN

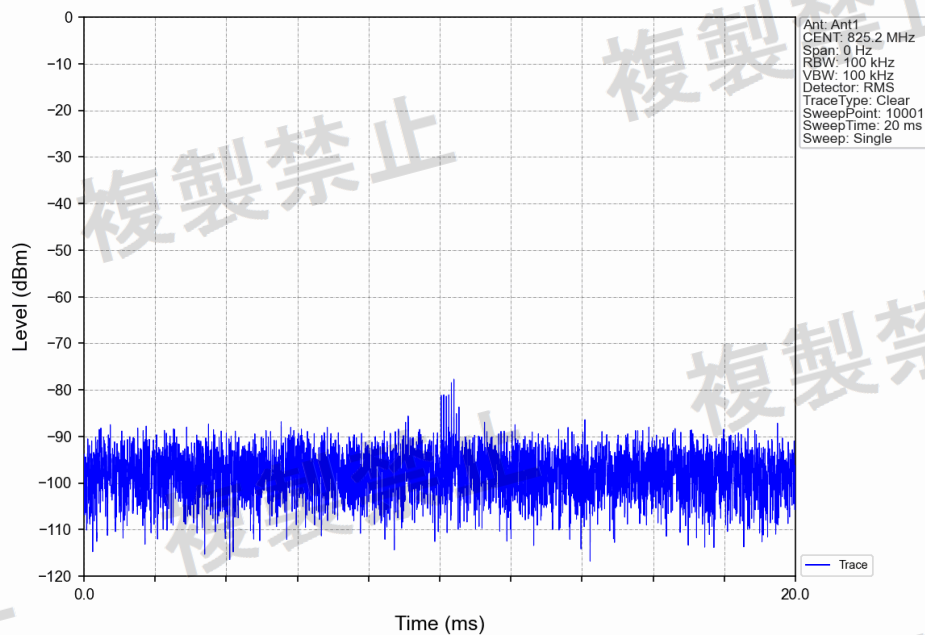


802.11ac(VHT40) HCH 5230MHz Ant1 NTVN

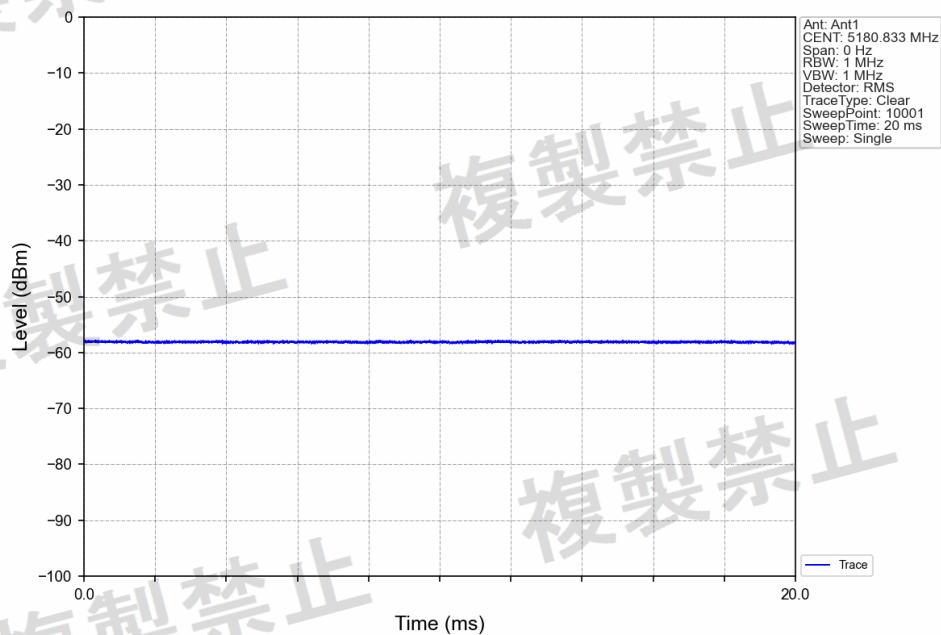


Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	1000	0.1	0.1	825.200	-57.82	-95.47	-54	Pass
1000	26000	1	1	5180.833	-44.50	-58.12	-47	Pass
1000	26000	1	1	6907.500	-47.62	-61.97	-47	Pass
1000	26000	1	1	25275.000	-56.61	-70.89	-47	Pass
1000	26000	1	1	25707.500	-56.38	-71.04	-47	Pass
1000	26000	1	1	25863.333	-56.18	-71.37	-47	Pass

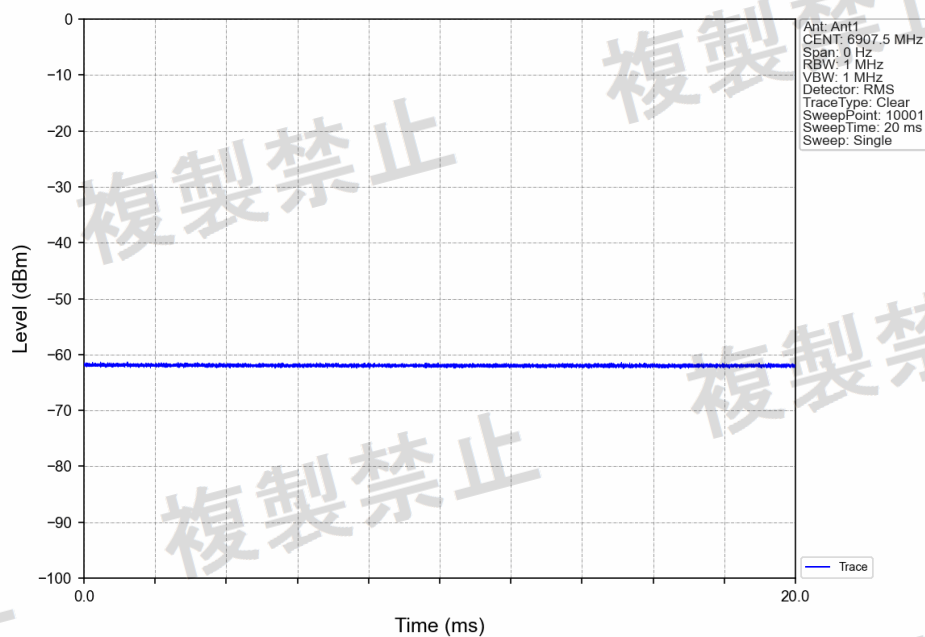
802.11ac(VHT40) HCH 5230MHz Ant1 NTVN



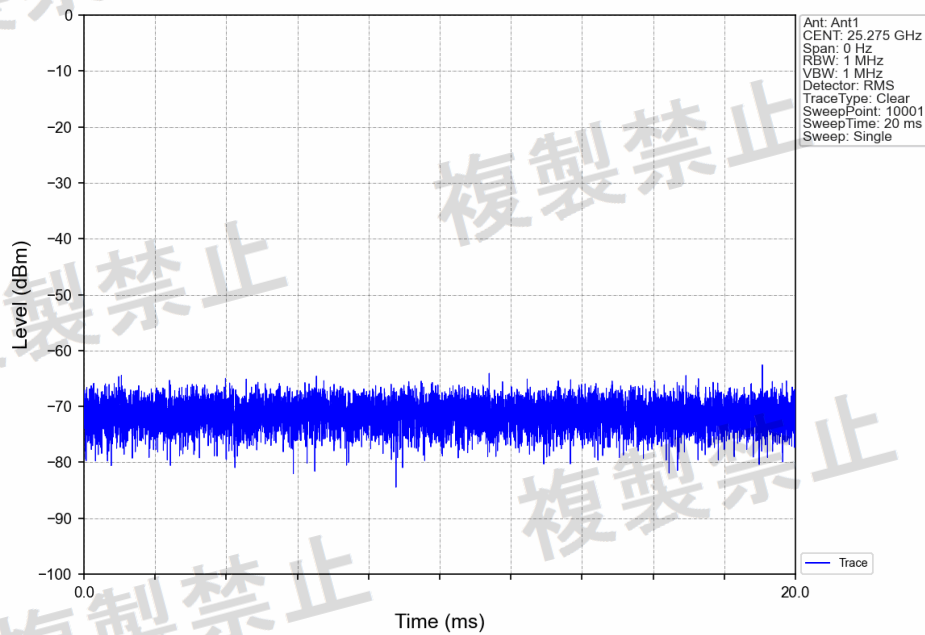
802.11ac(VHT40) HCH 5230MHz Ant1 NTV



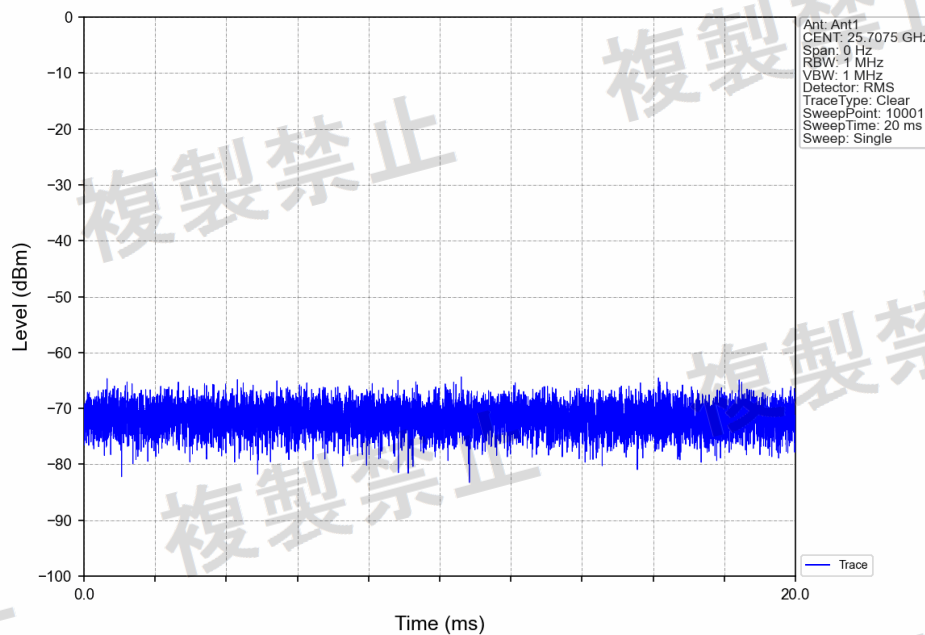
802.11ac(VHT40) HCH 5230MHz Ant1 NTV



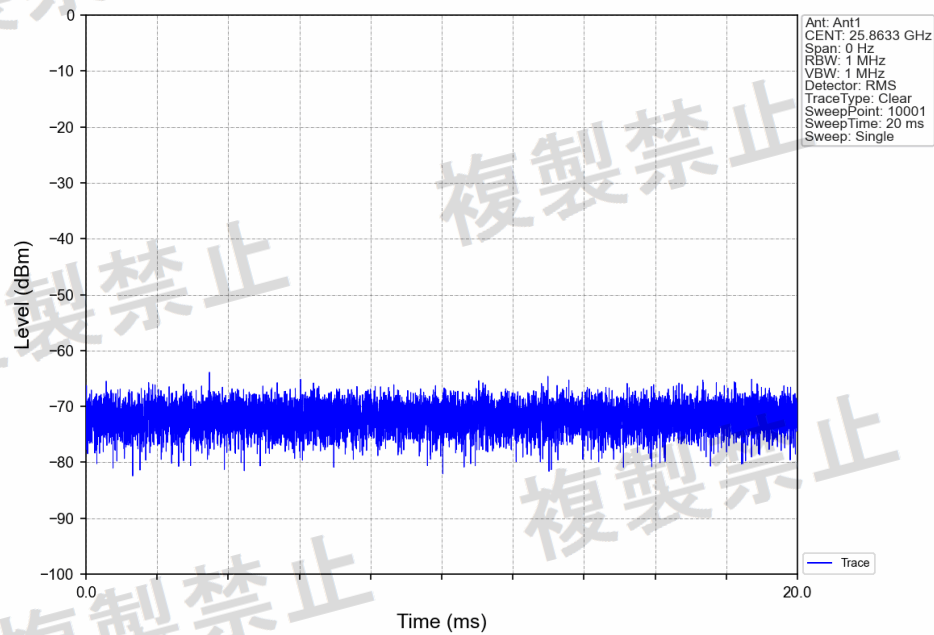
802.11ac(VHT40) HCH 5230MHz Ant1 NTN



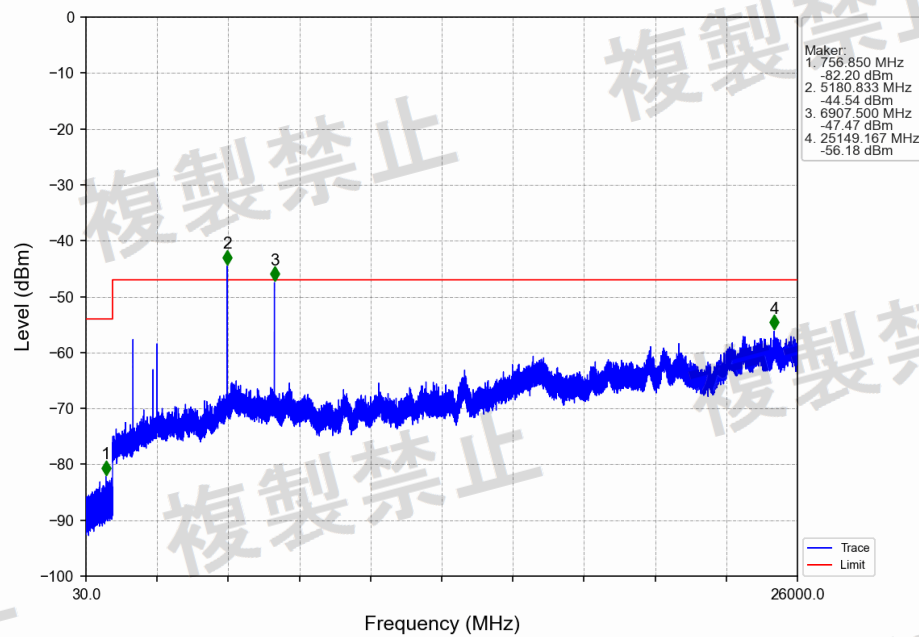
802.11ac(VHT40) HCH 5230MHz Ant1 NTN



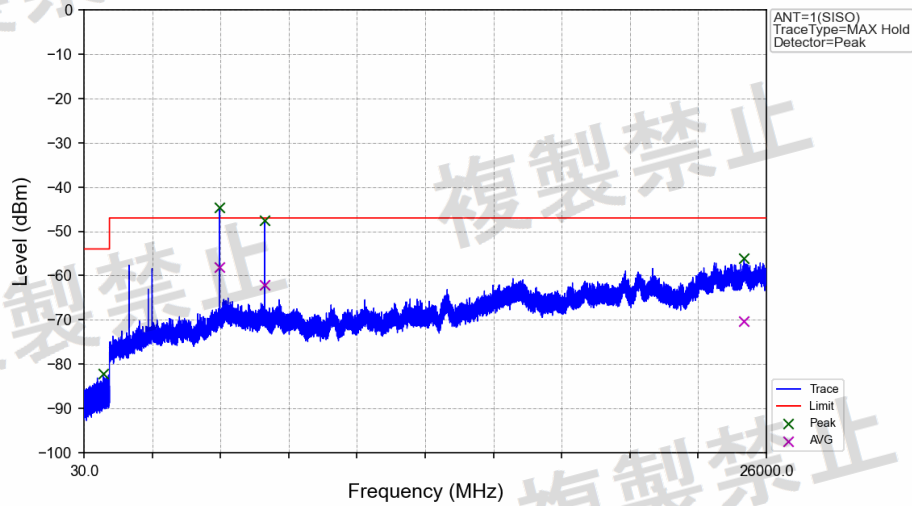
802.11ac(VHT40) HCH 5230MHz Ant1 NTNV



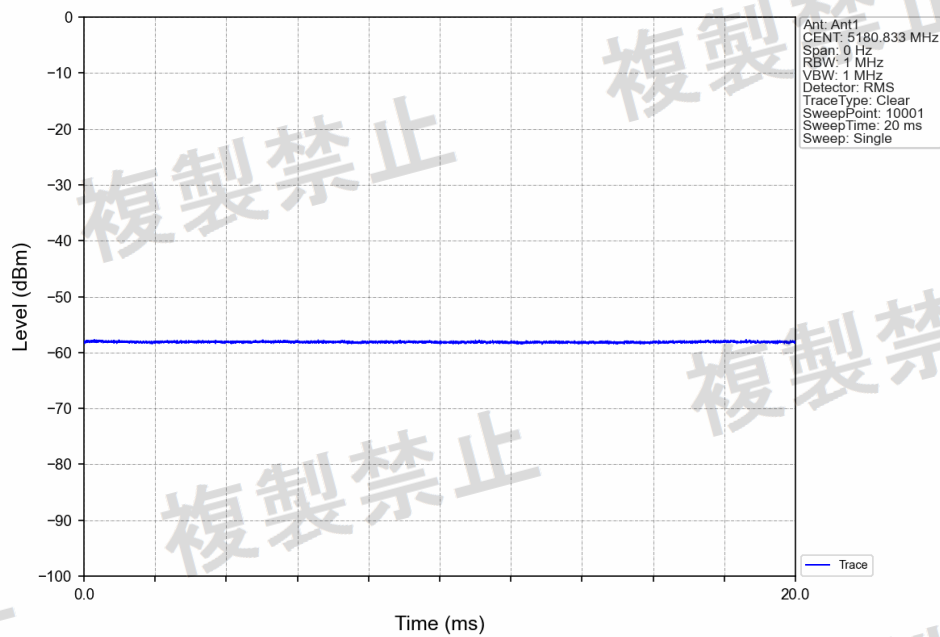
802.11ac(VHT80) MCH 5210MHz Ant1 NTNV



802.11ac(VHT80) MCH 5210MHz Ant1 NTN

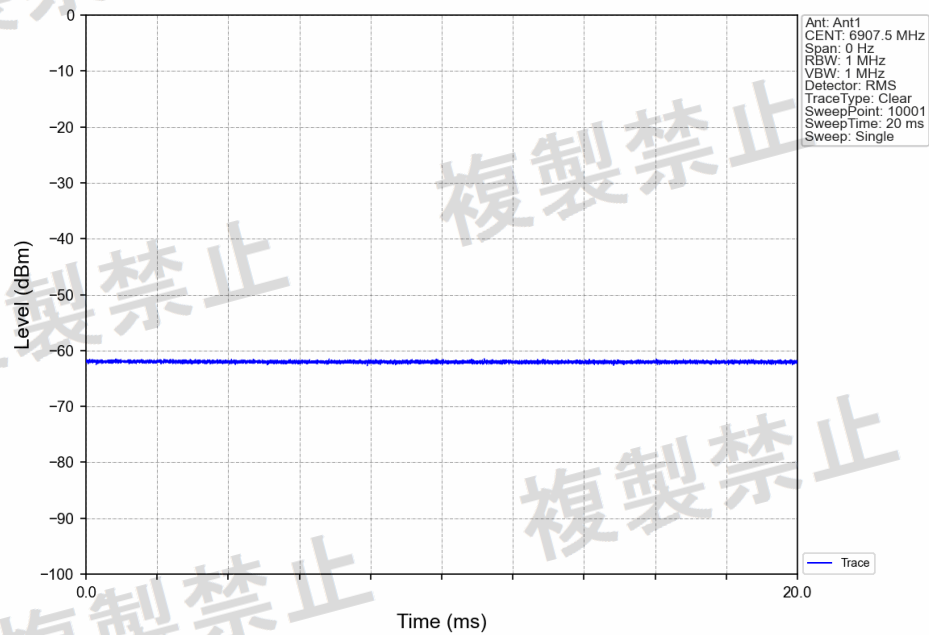


802.11ac(VHT80) MCH 5210MHz Ant1 NTN

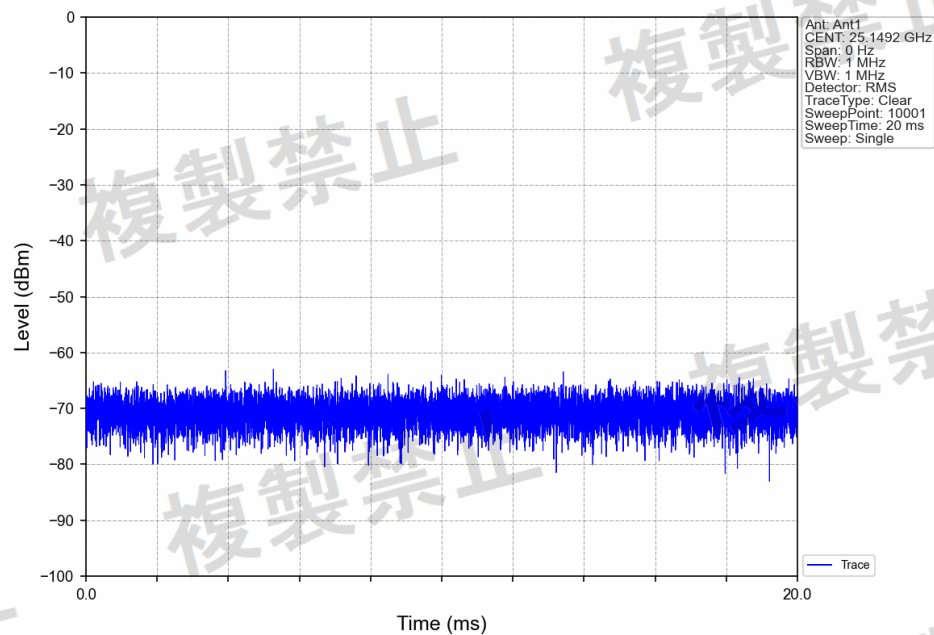




802.11ac(VHT80) MCH 5210MHz Ant1 NTNV



802.11ac(VHT80) MCH 5210MHz Ant1 NTNV



***** End of Report *****