

Appendix - LTE_band_19

1. Frequency Error

1.1 Test Result

1.1.1 B19_5MHz

Band: 19 / Bandwidth: 5MHz						
Channel Number	24025	24075	24125	Unit	Limit	Result
Frequency Center (MHz)	832.5	837.5	842.5			
Normal Condition	26.050	9.027	9.770	Hz	$\pm(0.1*fc*10^{-6}+15)$	Pass
Vibration Condition	-27.223	-30.270	13.189	Hz	$\pm(0.1*fc*10^{-6}+15)$	Pass
High Temp. Condition 55°C	-11.230	-14.648	9.570	Hz	$\pm(0.1*fc*10^{-6}+15)$	Pass
Low Temp. Condition -10°C	-18.597	-5.422	9.713	Hz	$\pm(0.1*fc*10^{-6}+15)$	Pass
High RH Condition 95%	-4.163	-19.240	12.388	Hz	$\pm(0.1*fc*10^{-6}+15)$	Pass
Limit of each frequency	98.25	98.75	99.25	Hz	-	-

1.1.2 B19_10MHz

Band: 19 / Bandwidth: 10MHz						
Channel Number	24050	24075	24100	Unit	Limit	Result
Frequency Center (MHz)	835	837.5	840			
Normal Condition	2.432	5.937	2.031	Hz	$\pm(0.1*fc*10^{-6}+15)$	Pass
Vibration Condition	-43.888	-6.981	8.254	Hz	$\pm(0.1*fc*10^{-6}+15)$	Pass
High Temp. Condition 55°C	-4.778	-5.178	2.046	Hz	$\pm(0.1*fc*10^{-6}+15)$	Pass
Low Temp. Condition -10°C	-36.492	-3.433	-0.458	Hz	$\pm(0.1*fc*10^{-6}+15)$	Pass
High RH Condition 95%	-30.026	-9.027	5.794	Hz	$\pm(0.1*fc*10^{-6}+15)$	Pass
Limit of each frequency	98.50	98.75	99.00	Hz	-	-

1.1.3 B19_15MHz

Band: 19 / Bandwidth: 15MHz						
Channel Number	24075			Unit	Limit	Result
Frequency Center (MHz)	837.5					
Normal Condition	/	24.047	/	Hz	$\pm(0.1*fc*10^{-6}+15)$	Pass
Vibration Condition	/	-14.448	/	Hz	$\pm(0.1*fc*10^{-6}+15)$	Pass
High Temp. Condition 55°C	/	-19.856	/	Hz	$\pm(0.1*fc*10^{-6}+15)$	Pass
Low Temp. Condition -10°C	/	-27.037	/	Hz	$\pm(0.1*fc*10^{-6}+15)$	Pass
High RH Condition 95%	/	-24.490	/	Hz	$\pm(0.1*fc*10^{-6}+15)$	Pass
Limit of each frequency	/	98.75	/	Hz	-	-

2. Tolerance of Occupied Bandwidth

2.1 Test Result

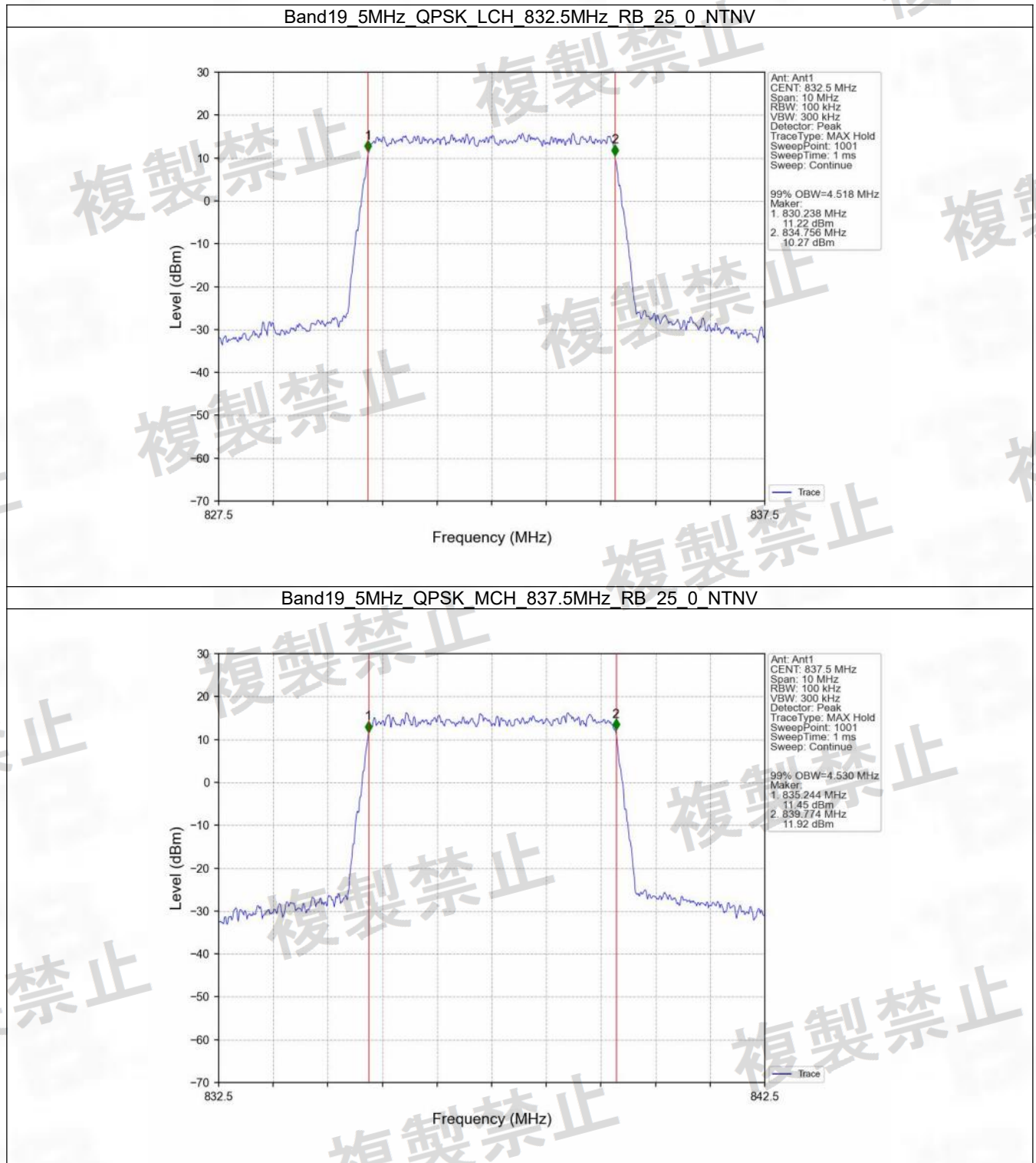
2.1.1 B19_OBW

Band: 19						
BW(MHz)	Low Ch	Mid. Ch	High Ch	Unit	Limit	Result
5	4.52	4.53	4.51	MHz	≤ 5	Pass
10	8.97	8.95	8.93	MHz	≤ 10	Pass

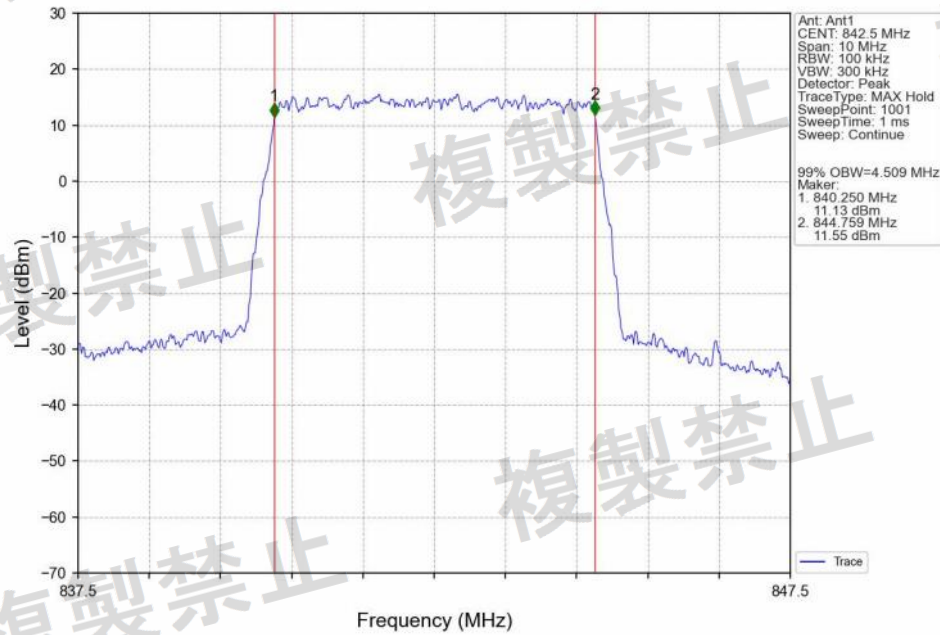
15	/	13.40	/	MHz	<=15	Pass
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2.2 Test Graph

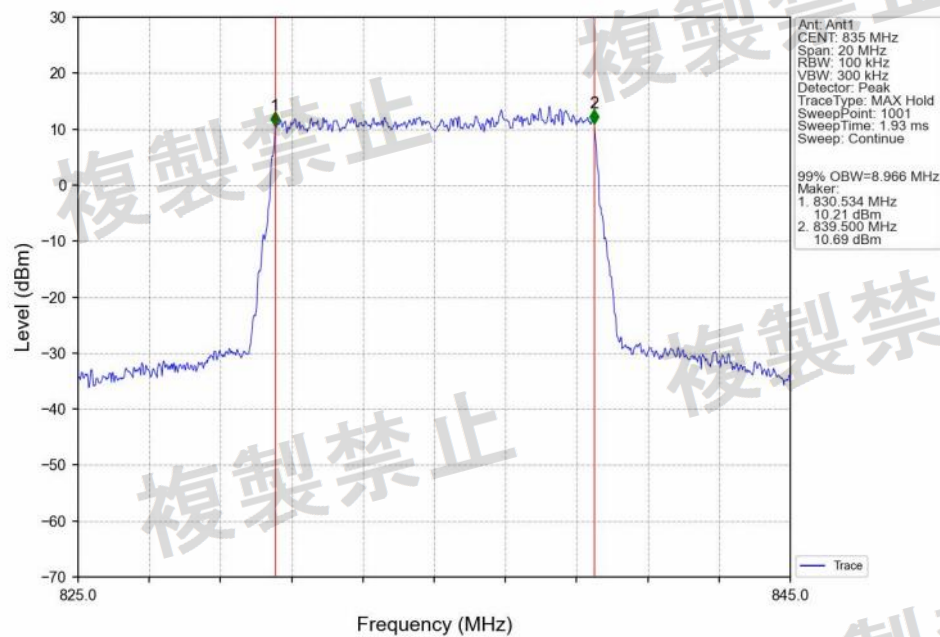
2.2.1 B19_OBW



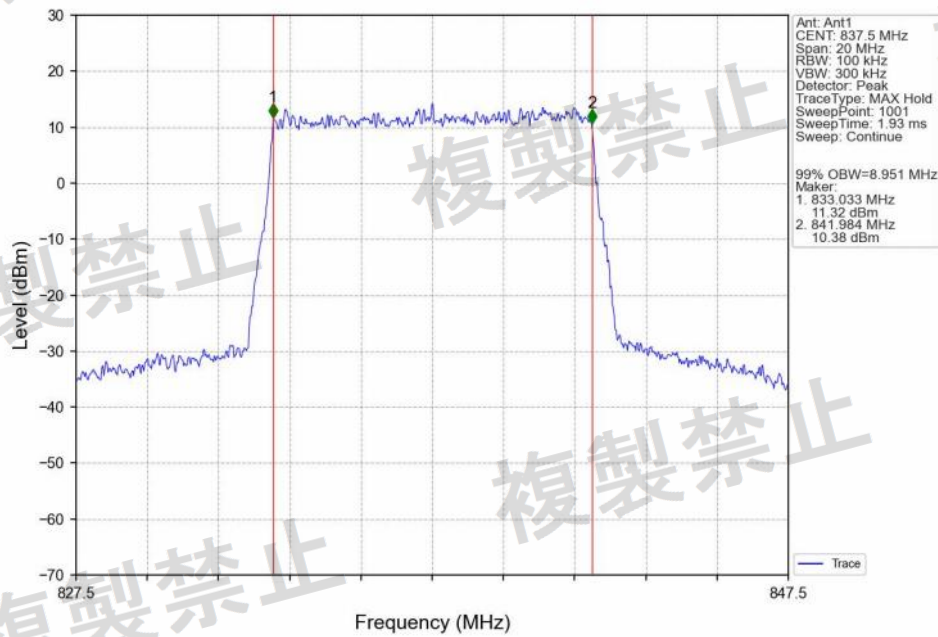
Band19_5MHz_QPSK_HCH_842.5MHz_RB_25_0_NTNV



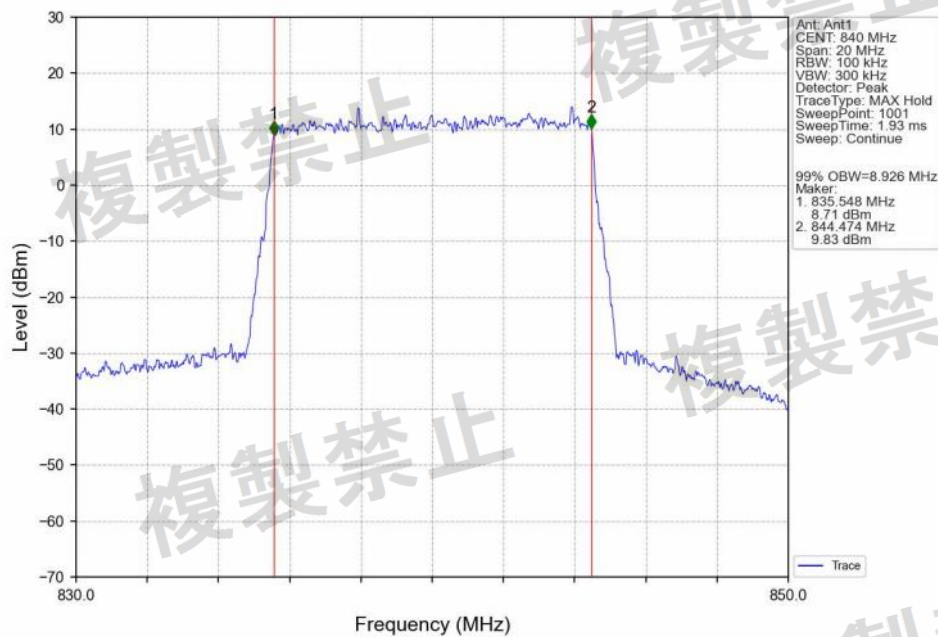
Band19_10MHz_QPSK_LCH_835MHz_RB_50_0_NTNV

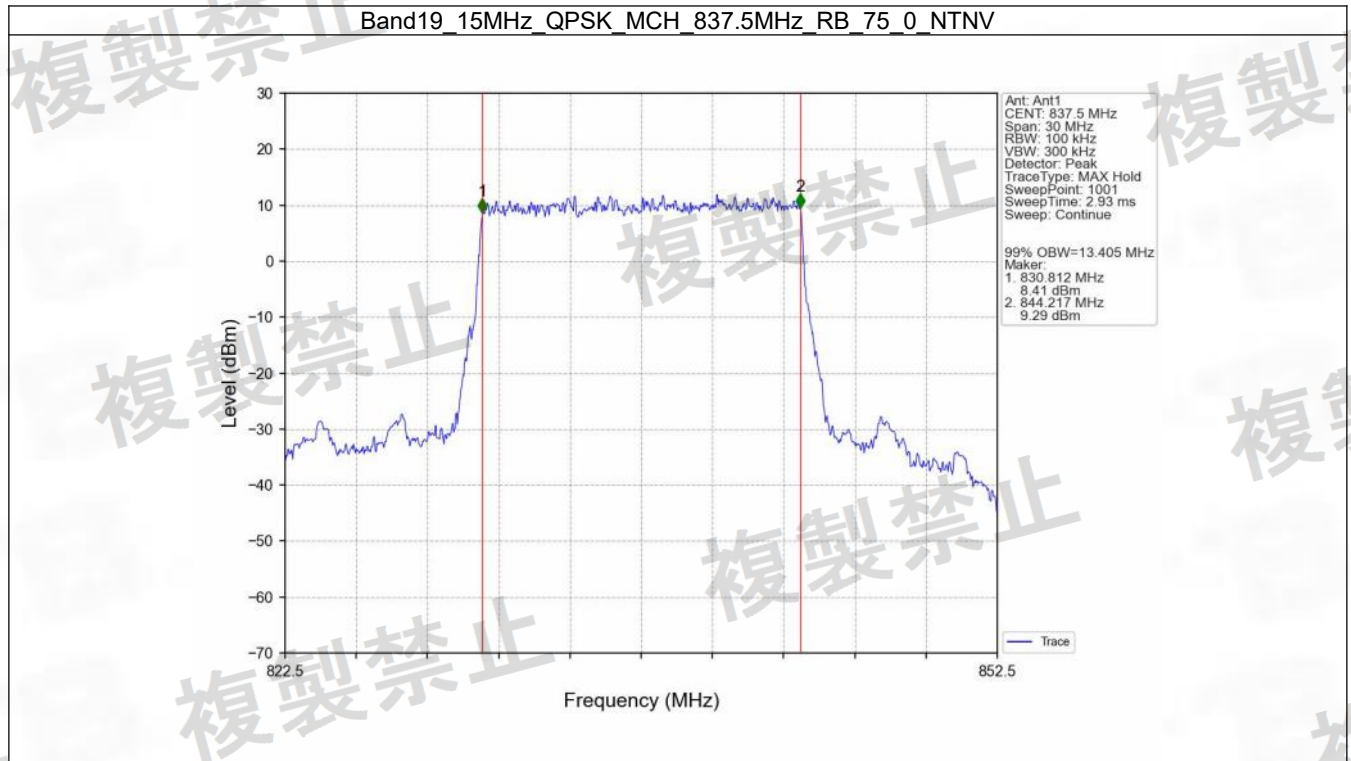


Band19_10MHz_QPSK_MCH_837.5MHz_RB_50_0_NTNV



Band19_10MHz_QPSK_HCH_840MHz_RB_50_0_NTNV





3. Tolerance of Antenna Power

3.1 Test Result

3.1.1 B19_Power

Band: 19 / Declaration Power: 23dBm							
BW(MHz)	Item	Low Ch	Mid. Ch	High Ch	Unit	Limit	Result
5	RF output Power	21.82	21.31	21.35	dBm	/	/
10	RF output Power	21.73	21.33	21.30	dBm	/	/
15	RF output Power	/	21.70	/	dBm	/	/

3.1.2 B19

Band: 19 / Declaration Power: 23dBm							
BW(MHz)	Item	Low Ch	Mid. Ch	High Ch	Unit	Limit	Result
5	Power Tolerance	-23.79	-32.24	-31.61	%	-79 to 87	Pass
10	Power Tolerance	-25.36	-31.92	-32.39	%	-79 to 87	Pass
15	Power Tolerance	/	-25.87	/	%	-79 to 87	Pass

4. Tolerance of Adjacent Channel Leakage Power

4.1 Test Result

4.1.1 B19_5MHz

Band: 19 / Bandwidth: 5MHz							
Modulation	Channel Number	24025	24075	24125	Unit	Limit	Result
	Frequency Center (MHz)	832.5	837.5	842.5			
QPSK	Fc - 10MHz	-55.38	-55.73	-55.14	dBc/3.84MHz	<=-35.2	Pass
	Fc - 5MHz	-45.77	-45.78	-44.87	dBc/3.84MHz	<=-32.2	Pass
	Fc + 5MHz	-45.29	-44.96	-48.04	dBc/3.84MHz	<=-32.2	Pass
	Fc + 10MHz	-54.40	-56.54	-61.73	dBc/3.84MHz	<=-35.2	Pass
	Fc - 5MHz	-44.78	-44.81	-43.94	dBc/4.5MHz	<=-29.2	Pass
	Fc + 5MHz	-44.26	-43.89	-46.85	dBc/4.5MHz	<=-29.2	Pass
16QAM	Fc - 10MHz	-54.90	-55.46	-55.23	dBc/3.84MHz	<=-35.2	Pass
	Fc - 5MHz	-44.33	-44.43	-43.78	dBc/3.84MHz	<=-32.2	Pass
	Fc + 5MHz	-43.87	-43.72	-46.62	dBc/3.84MHz	<=-32.2	Pass
	Fc + 10MHz	-54.46	-56.30	-60.79	dBc/3.84MHz	<=-35.2	Pass
	Fc - 5MHz	-43.41	-43.53	-42.91	dBc/4.5MHz	<=-29.2	Pass
	Fc + 5MHz	-42.93	-42.78	-45.56	dBc/4.5MHz	<=-29.2	Pass

4.1.2 B19_10MHz

Band: 19 / Bandwidth: 10MHz							
Modulation	Channel Number	24050	24075	24100	Unit	Limit	Result
	Frequency Center (MHz)	835	837.5	840			
QPSK	Fc - 12.5MHz	-52.33	-52.75	-51.99	dBc/3.84MHz	<=-35.2	Pass
	Fc - 7.5MHz	-46.52	-46.61	-45.87	dBc/3.84MHz	<=-32.2	Pass

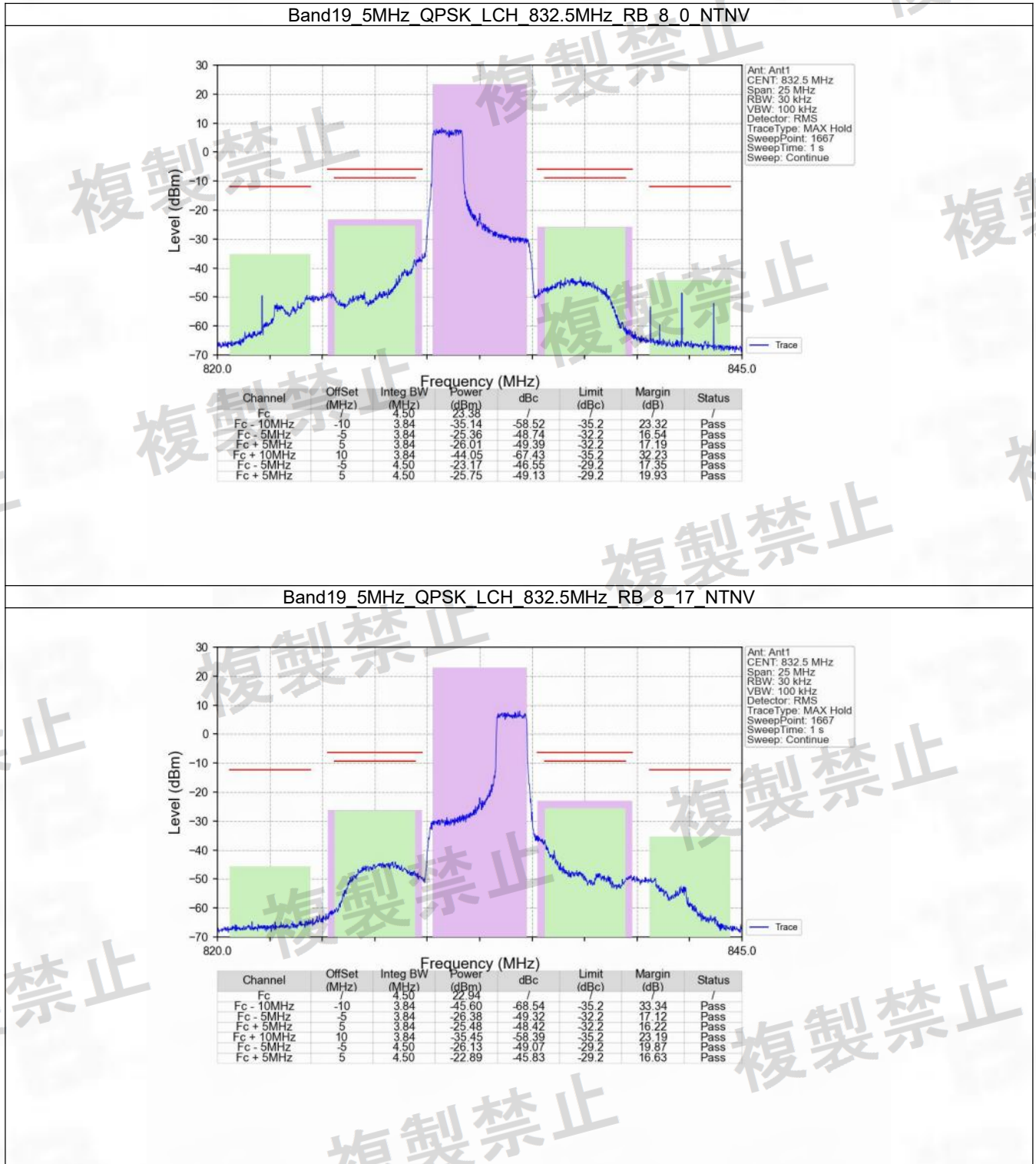
16QAM	Fc + 7.5MHz	-45.31	-46.17	-47.98	dBc/3.84MHz	<=-32.2	Pass
	Fc + 12.5MHz	-54.33	-56.38	-58.86	dBc/3.84MHz	<=-35.2	Pass
	Fc - 10MHz	-44.80	-44.97	-44.25	dBc/9MHz	<=-29.2	Pass
	Fc + 10MHz	-44.21	-45.22	-47.18	dBc/9MHz	<=-29.2	Pass
	Fc - 12.5MHz	-51.02	-51.45	-51.11	dBc/3.84MHz	<=-35.2	Pass
	Fc - 7.5MHz	-44.87	-44.99	-44.48	dBc/3.84MHz	<=-32.2	Pass
	Fc + 7.5MHz	-43.77	-44.97	-46.51	dBc/3.84MHz	<=-32.2	Pass
	Fc + 12.5MHz	-52.73	-54.70	-57.62	dBc/3.84MHz	<=-35.2	Pass
	Fc - 10MHz	-43.28	-43.45	-42.97	dBc/9MHz	<=-29.2	Pass
	Fc + 10MHz	-42.69	-43.97	-45.66	dBc/9MHz	<=-29.2	Pass

4.1.3 B19_15MHz

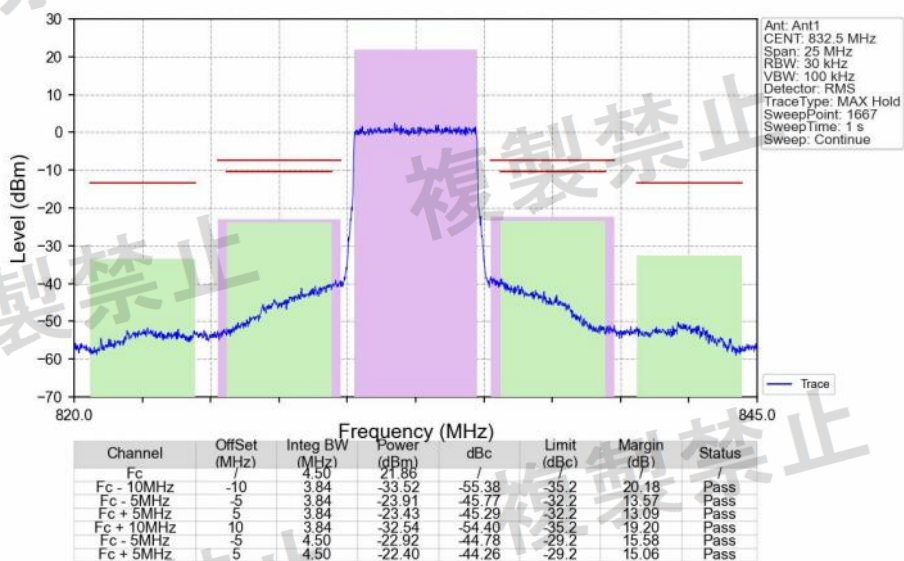
Band: 19 / Bandwidth: 15MHz							
Modulation	Channel Number	24075			Unit	Limit	Result
	Frequency Center (MHz)	837.5					
QPSK	Fc - 15MHz	/	-48.86	/	dBc/3.84MHz	<=-35.2	Pass
	Fc - 10MHz	/	-46.30	/	dBc/3.84MHz	<=-32.2	Pass
	Fc + 10MHz	/	-47.32	/	dBc/3.84MHz	<=-32.2	Pass
	Fc + 15MHz	/	-56.39	/	dBc/3.84MHz	<=-35.2	Pass
	Fc - 15MHz	/	-43.45	/	dBc/13.5MHz	<=-29.2	Pass
	Fc + 15MHz	/	-46.59	/	dBc/13.5MHz	<=-29.2	Pass
16QAM	Fc - 15MHz	/	-47.80	/	dBc/3.84MHz	<=-35.2	Pass
	Fc - 10MHz	/	-45.00	/	dBc/3.84MHz	<=-32.2	Pass
	Fc + 10MHz	/	-46.59	/	dBc/3.84MHz	<=-32.2	Pass
	Fc + 15MHz	/	-55.42	/	dBc/3.84MHz	<=-35.2	Pass
	Fc - 15MHz	/	-42.27	/	dBc/13.5MHz	<=-29.2	Pass
	Fc + 15MHz	/	-45.82	/	dBc/13.5MHz	<=-29.2	Pass

4.2 Test Graph

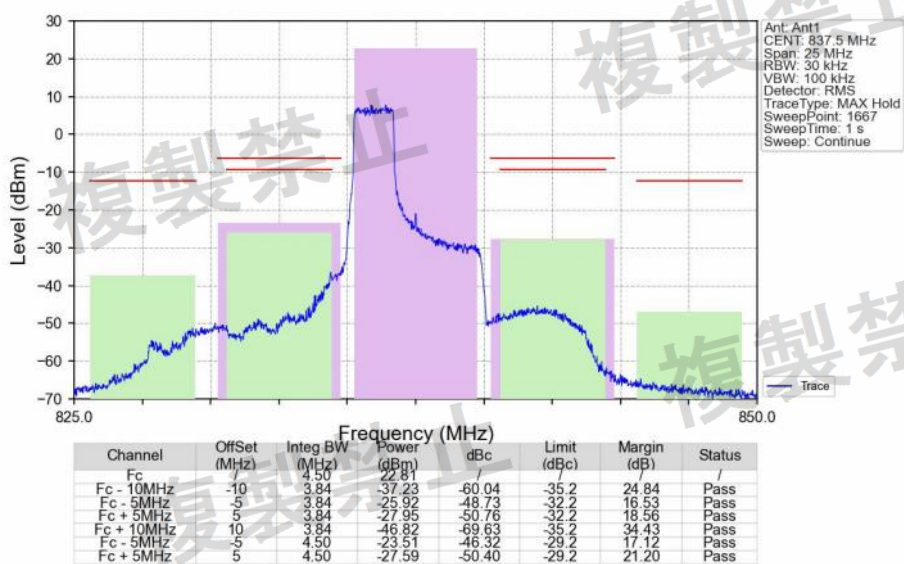
4.2.1 B19_5MHz



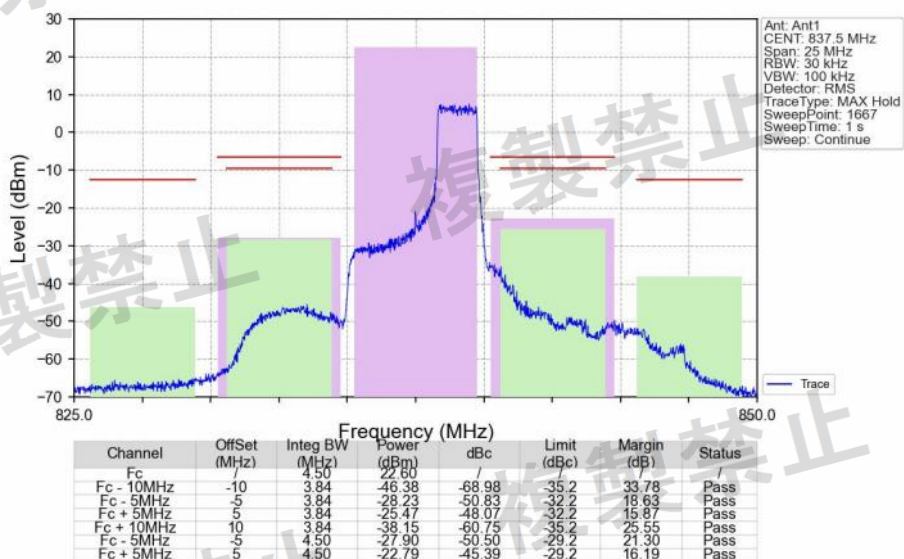
Band19_5MHz_QPSK_LCH_832.5MHz_RB_25_0_NTNV



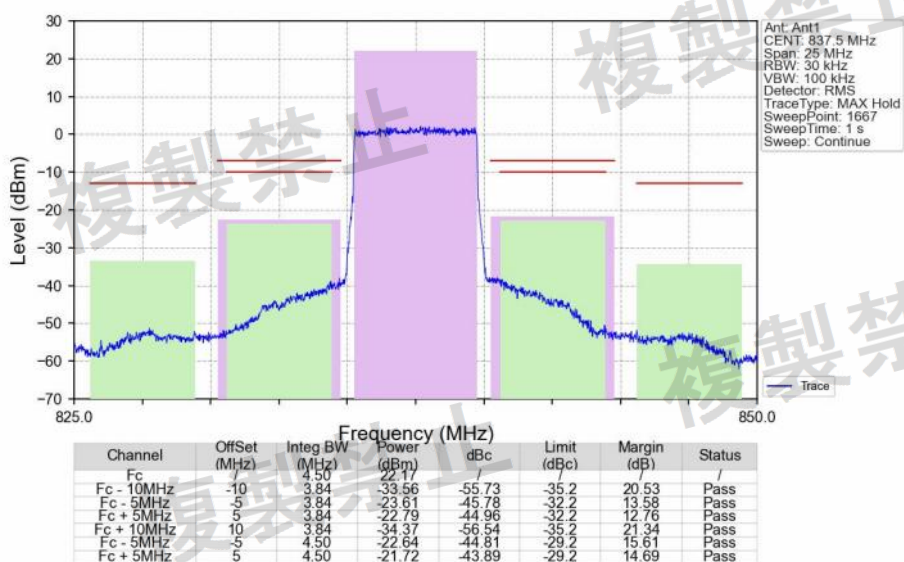
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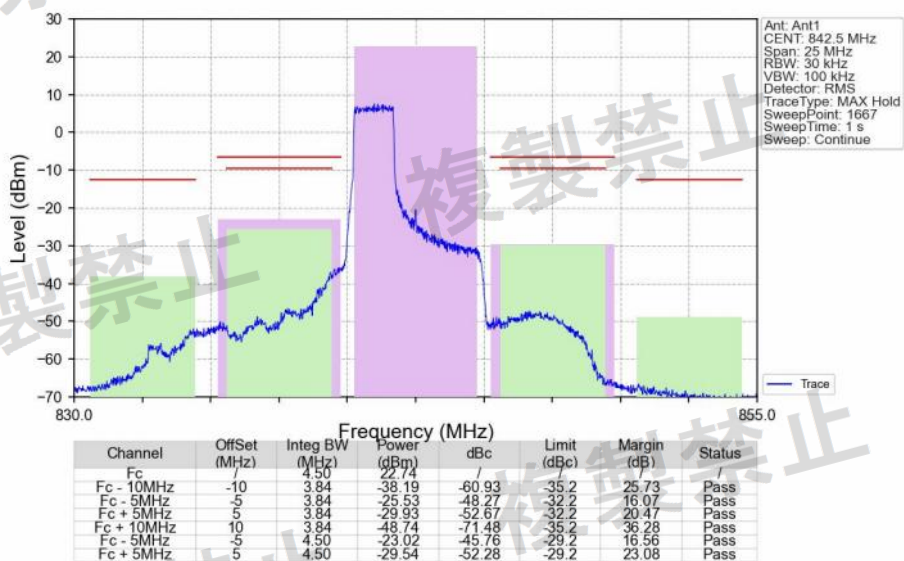
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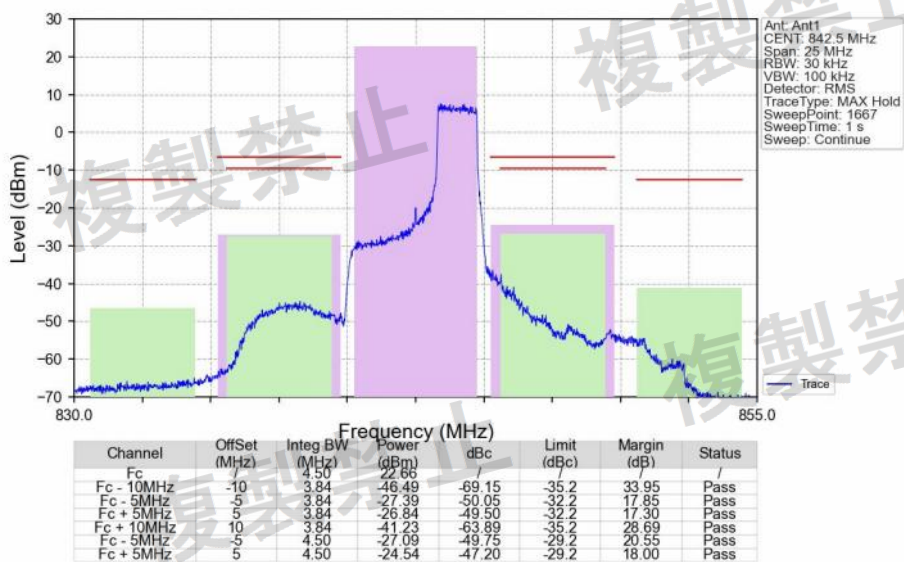
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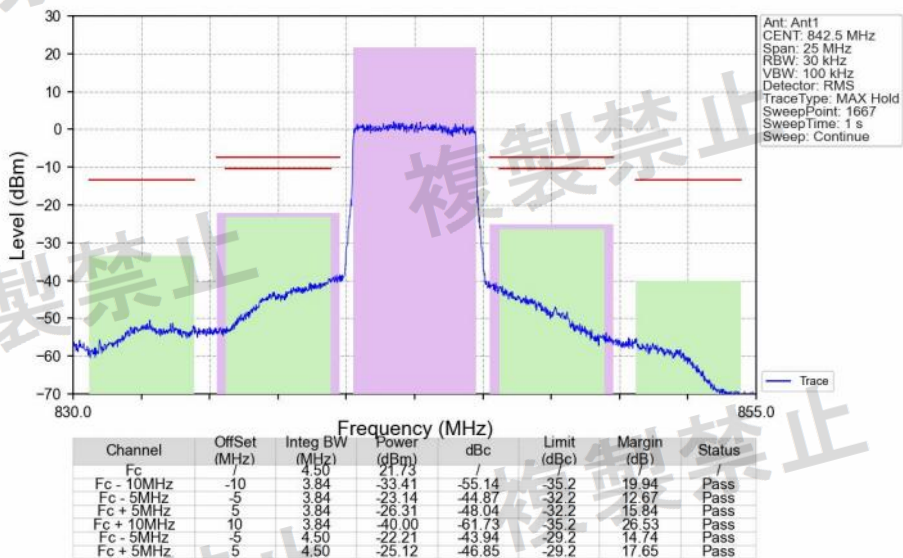
Band19_5MHz_QPSK_HCH_842.5MHz_RB_8_0_NTNV



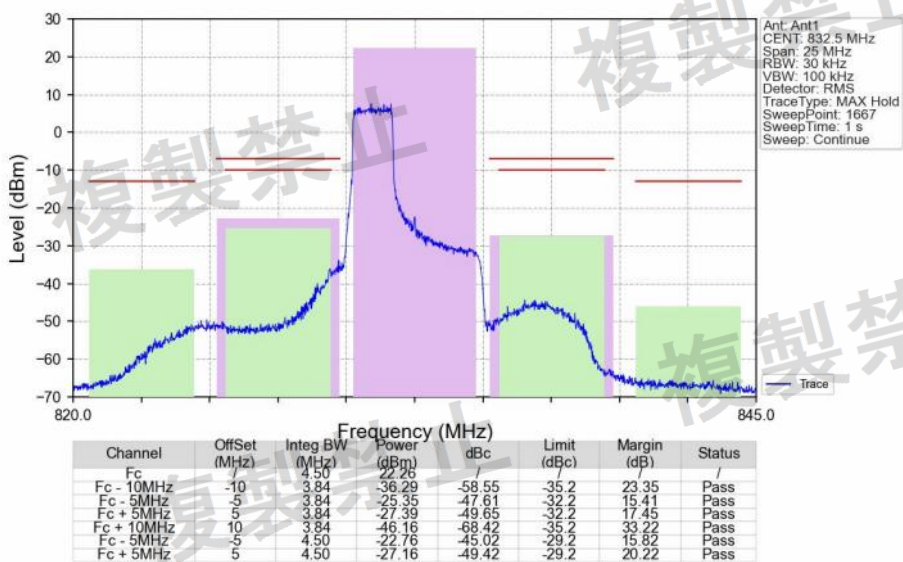
Band19_5MHz_QPSK_HCH_842.5MHz_RB_8_17_NTNV



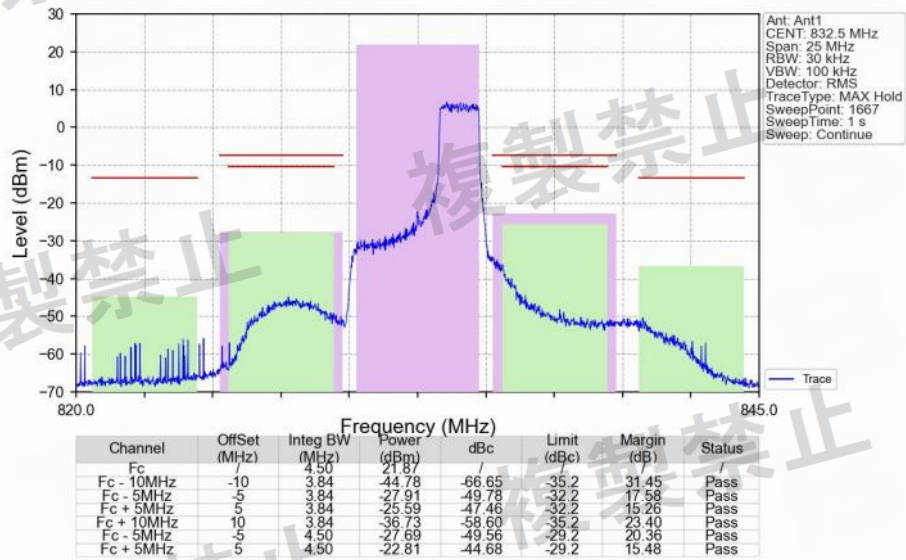
Band19 5MHz QPSK HCH 842.5MHz RB 25 0 NTN



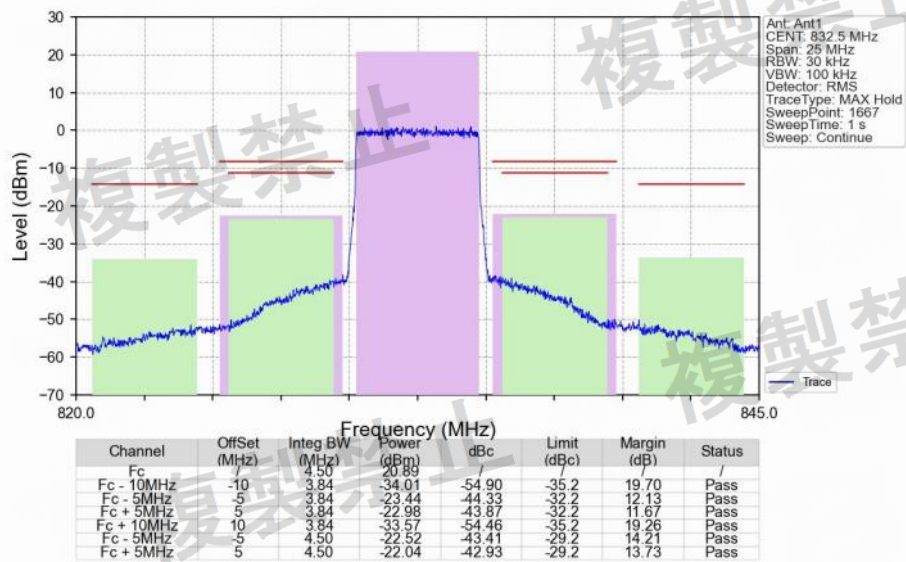
Band19 5MHz 16QAM LCH 832.5MHz RB 8 0 NTN



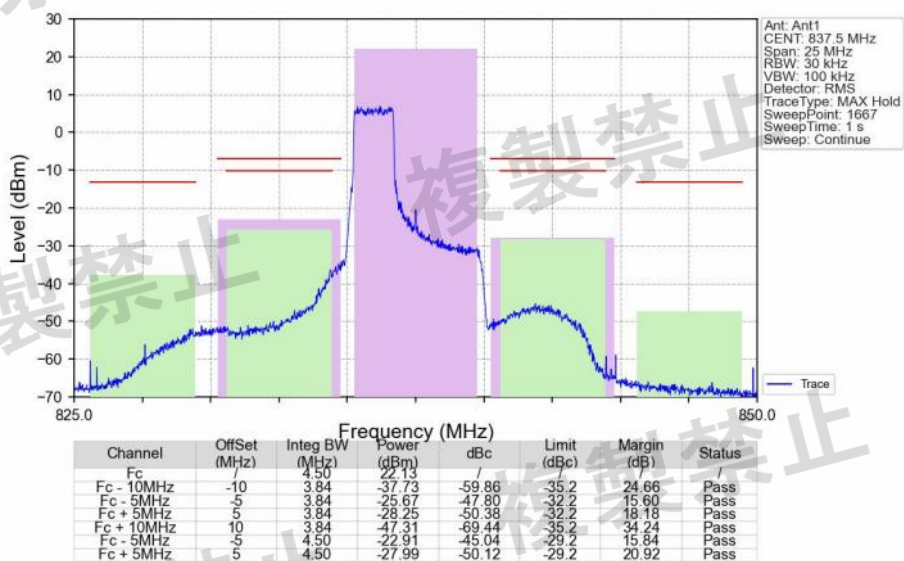
Band19_5MHz_16QAM_LCH_832.5MHz_RB_8_17_NTNV



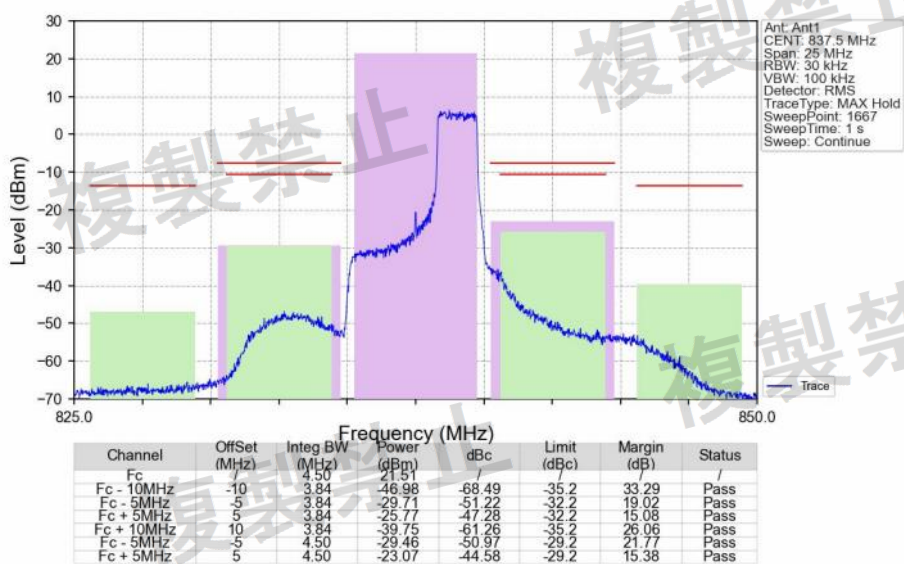
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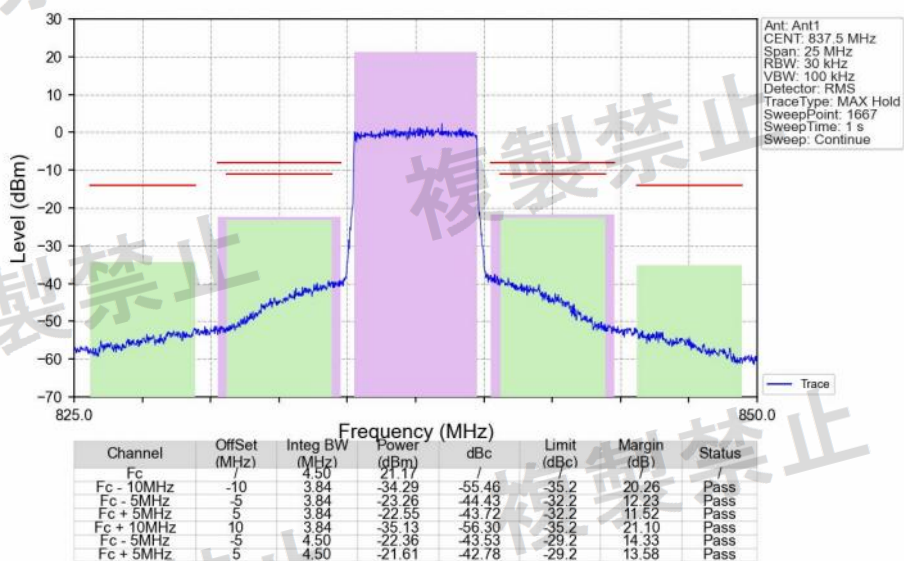
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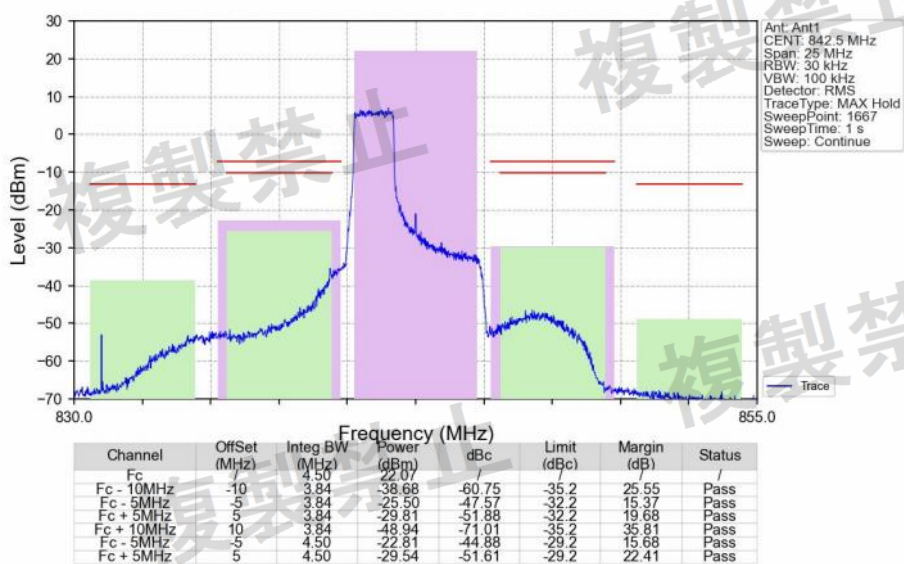
Band19_5MHz_16QAM_MCH_837.5MHz_RB_8_17_NTNV



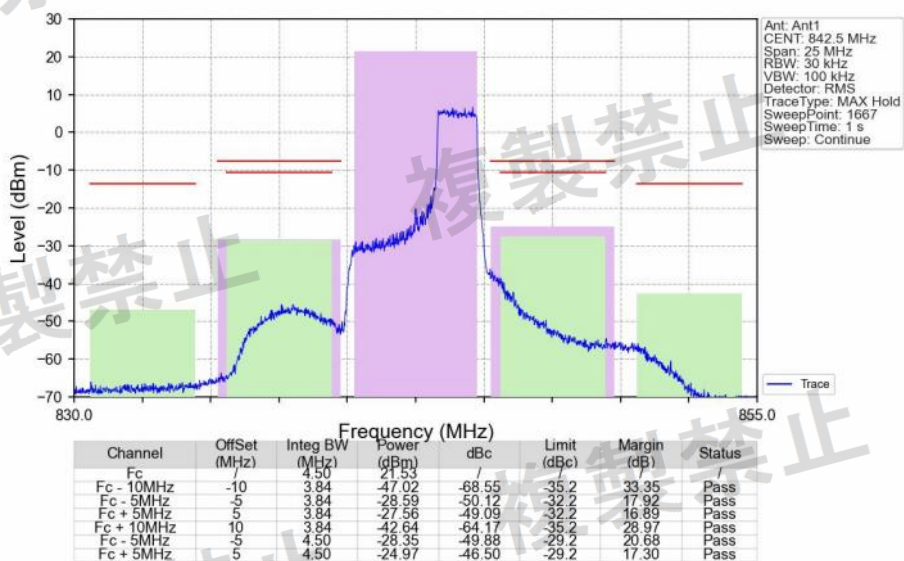
Band19_5MHz_16QAM_MCH_837.5MHz_RB_25_0_NTNV



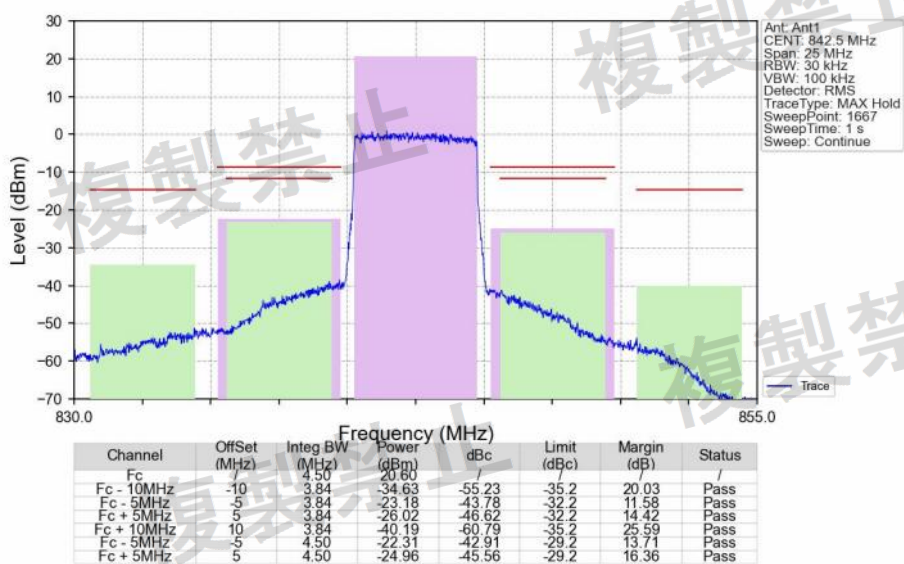
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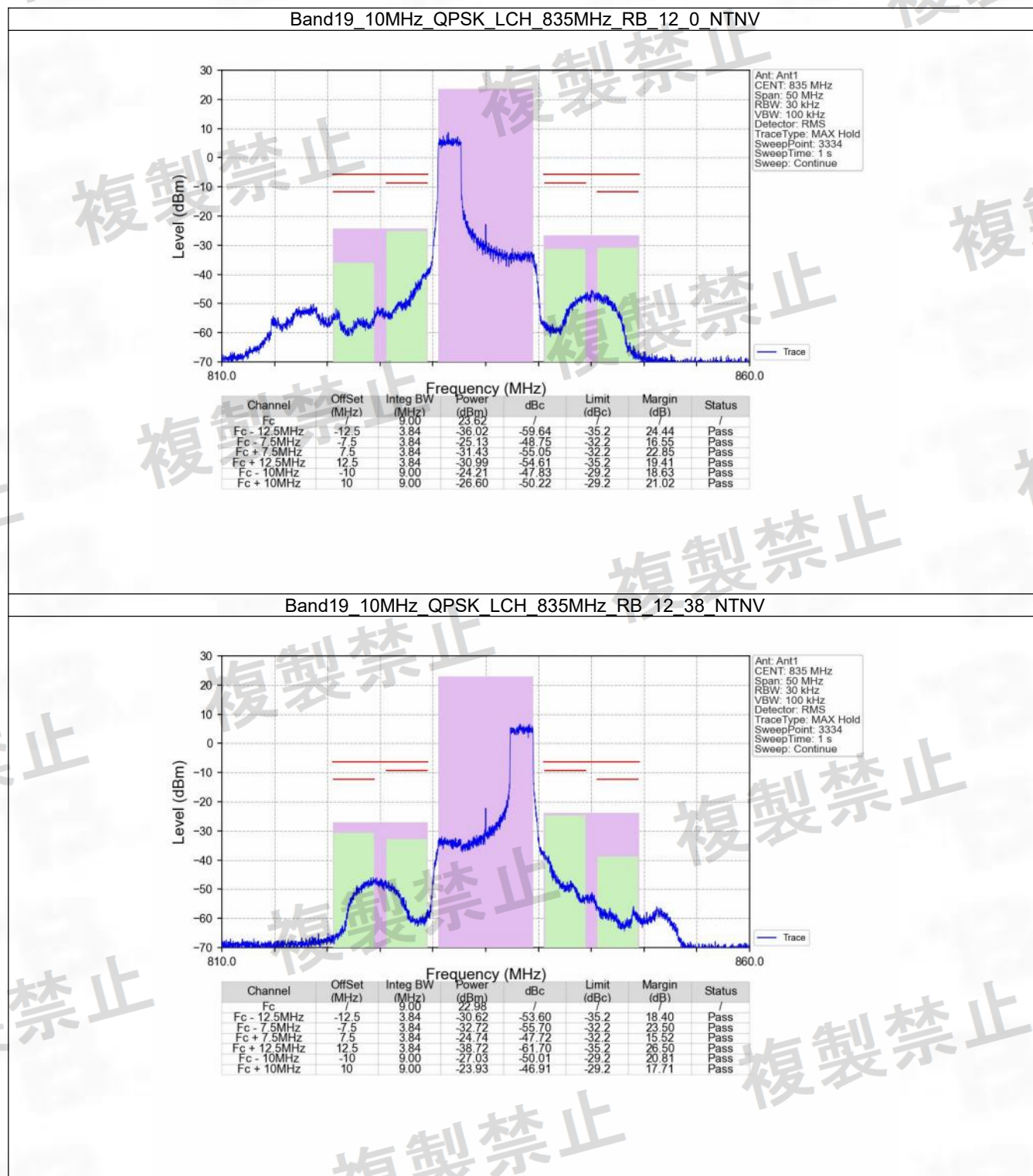
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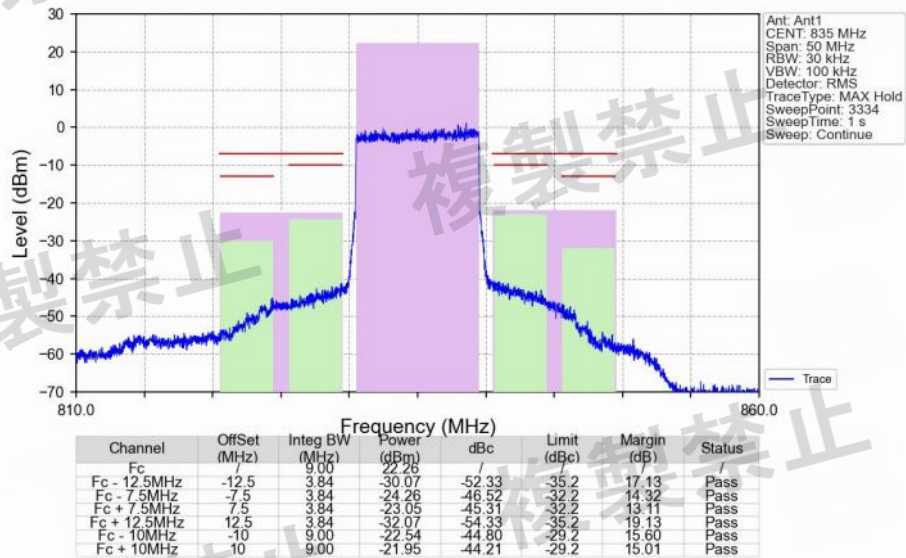
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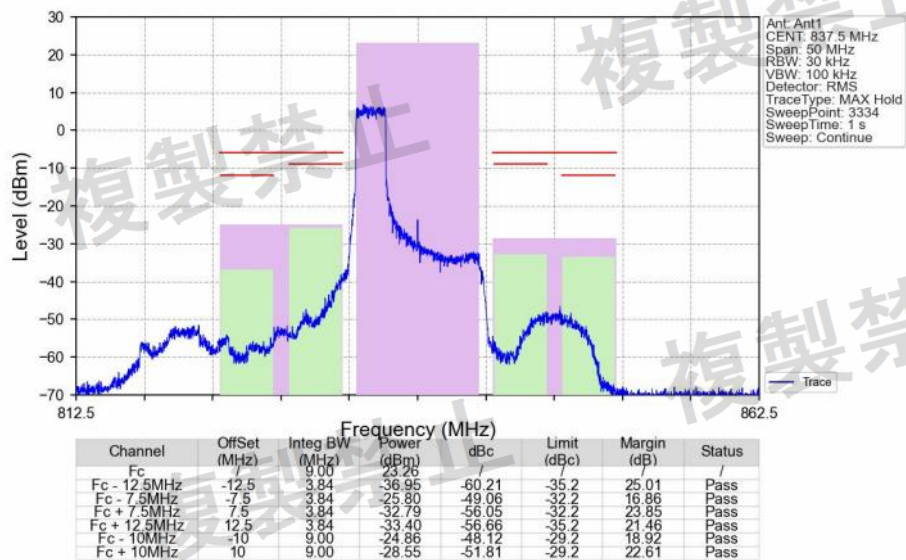
4.2.2 B19_10MHz



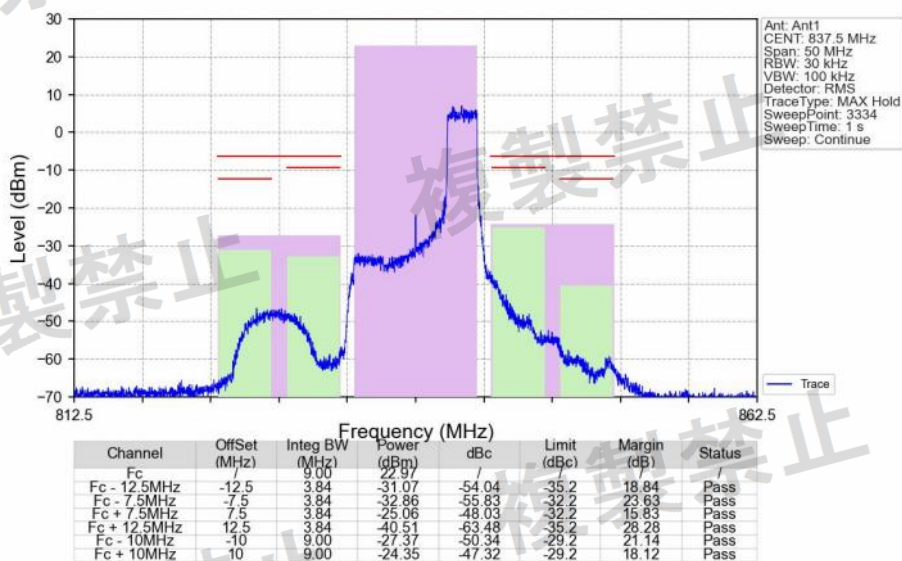
Band19_10MHz_QPSK_LCH_835MHz_RB_50_0_NTNV



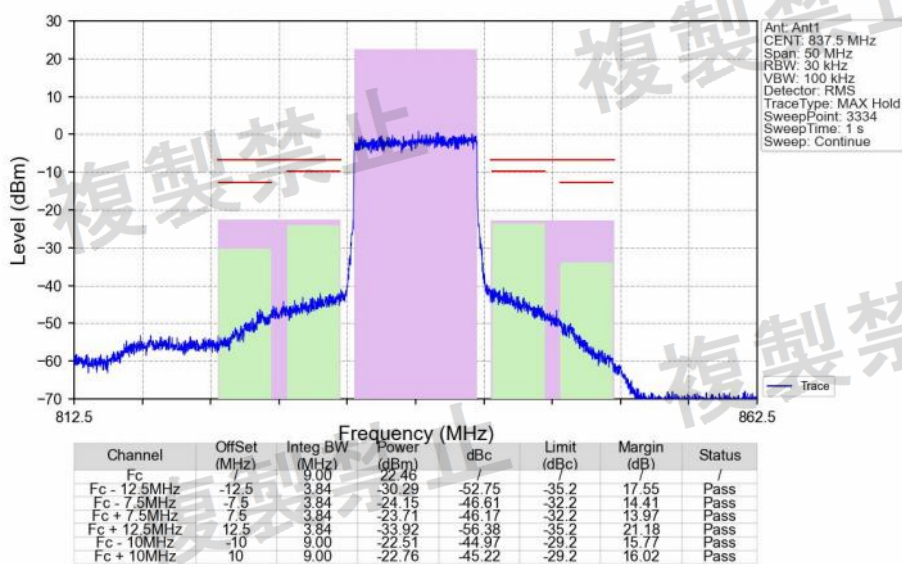
Band19_10MHz_QPSK_MCH_837.5MHz_RB_12_0_NTNV



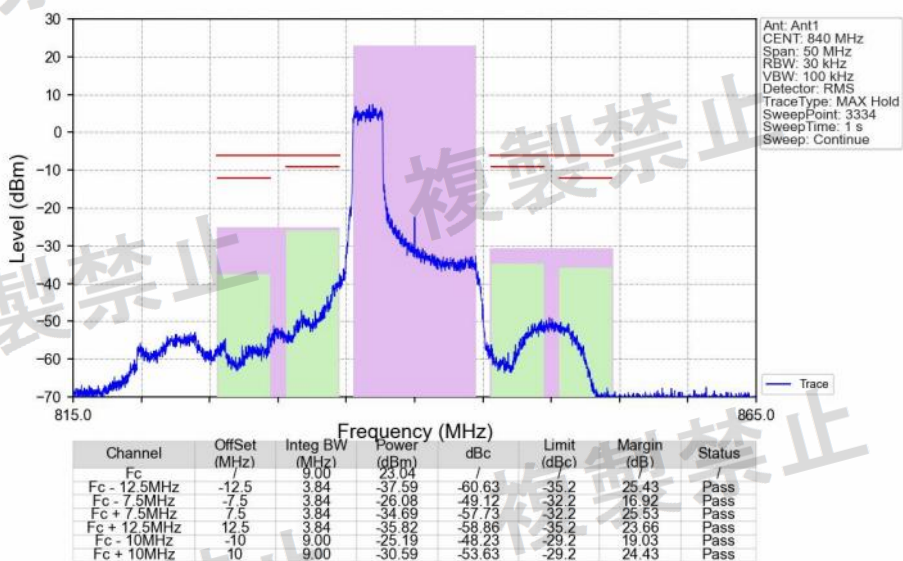
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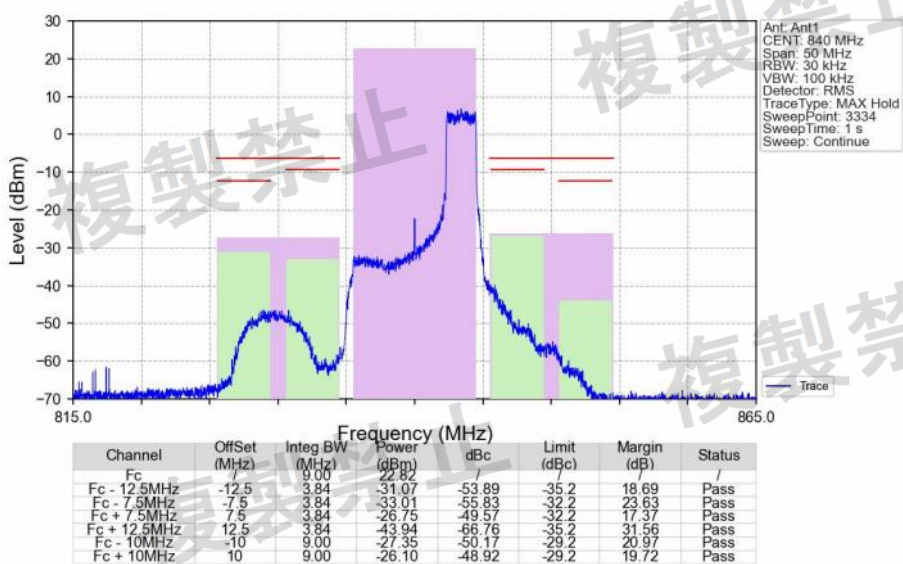
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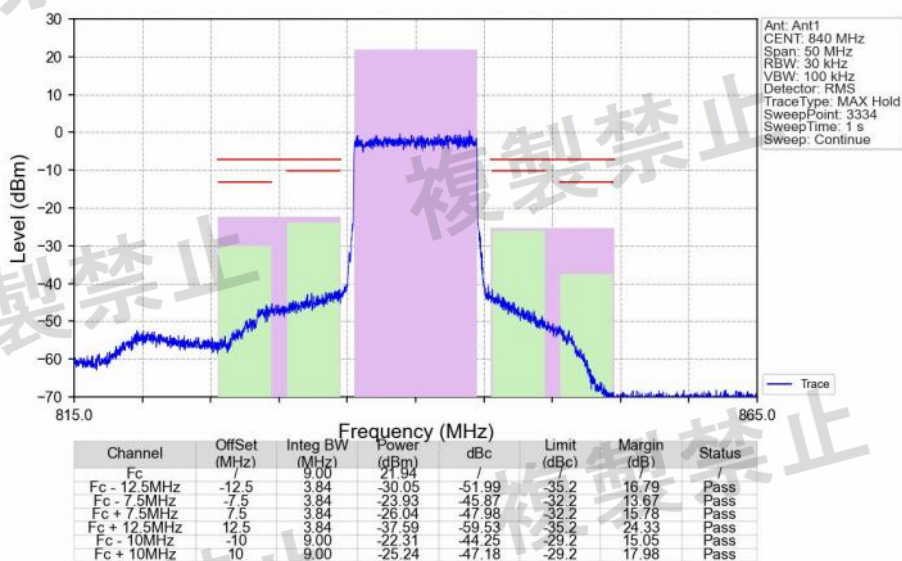
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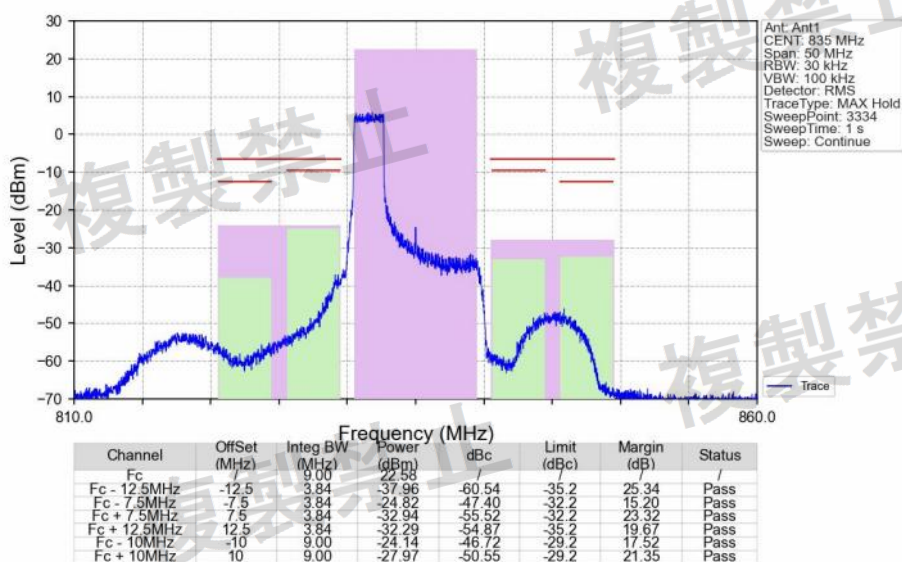
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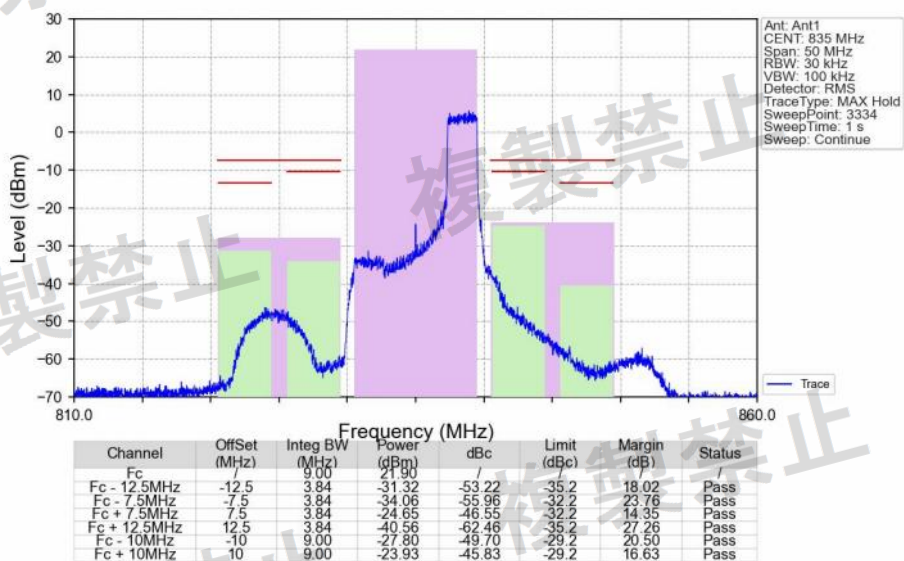
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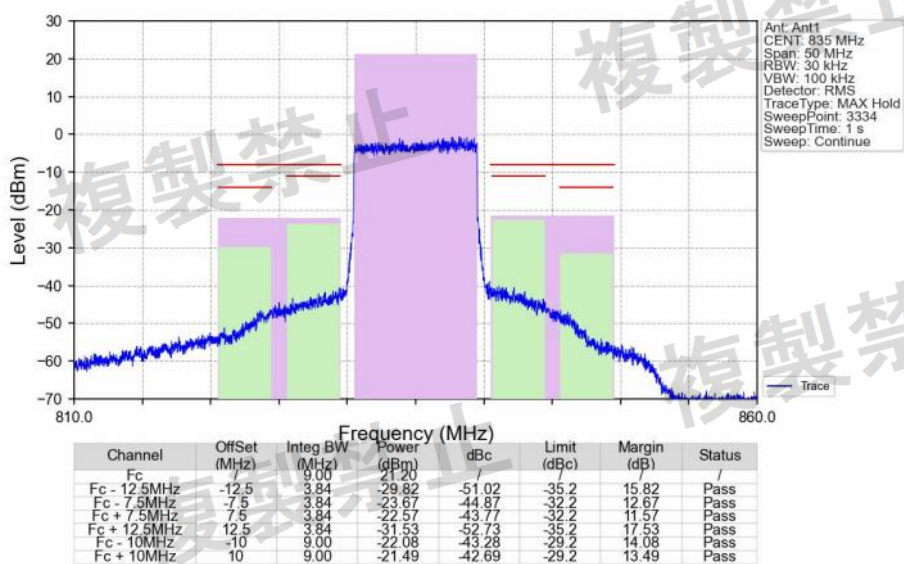
Band19_10MHz_16QAM_LCH_835MHz_RB_12_0_NTNV



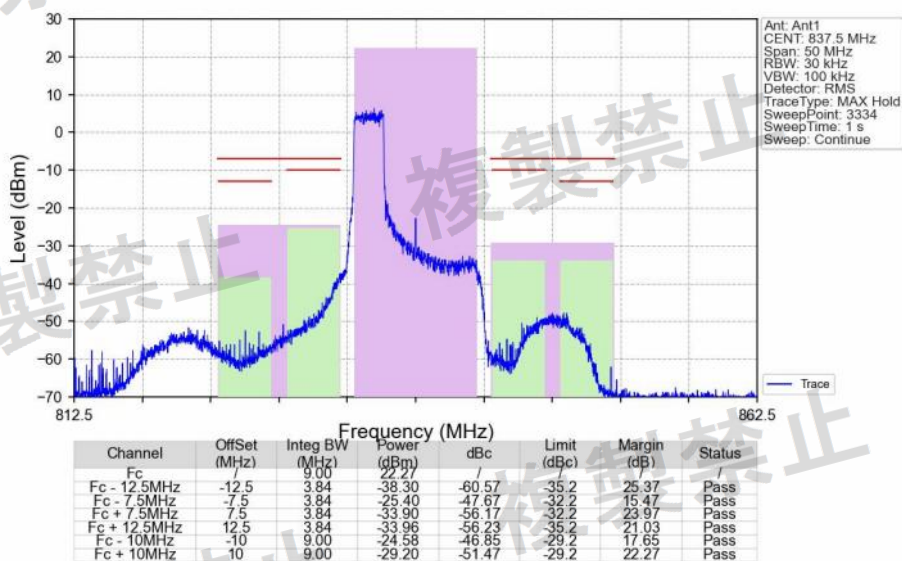
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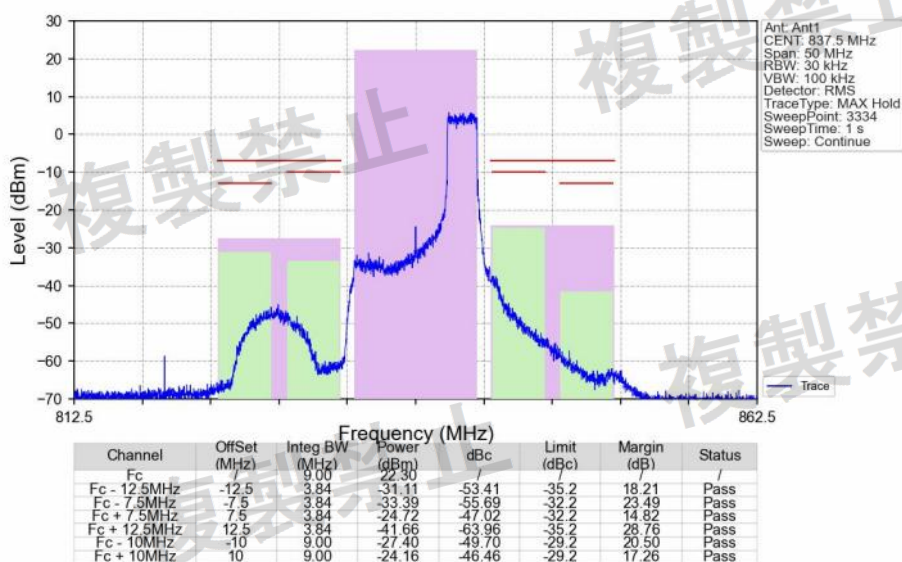
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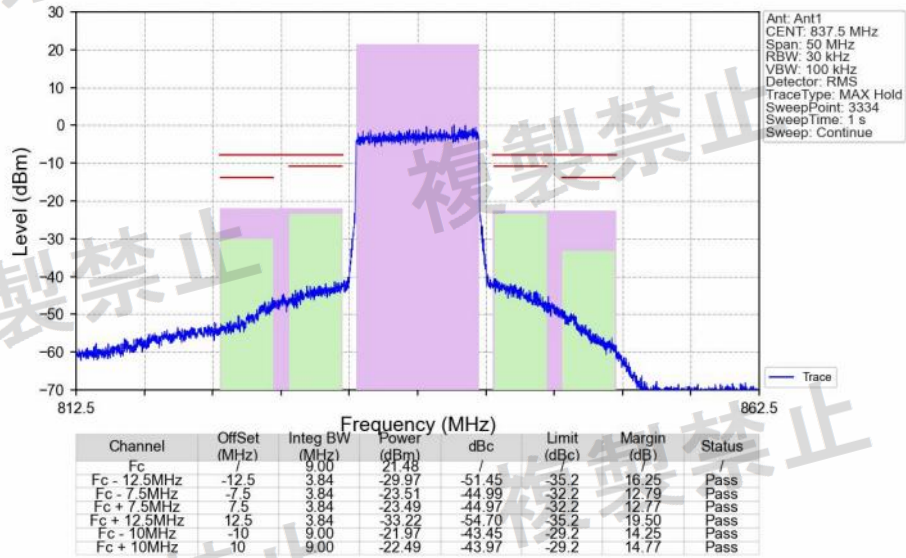
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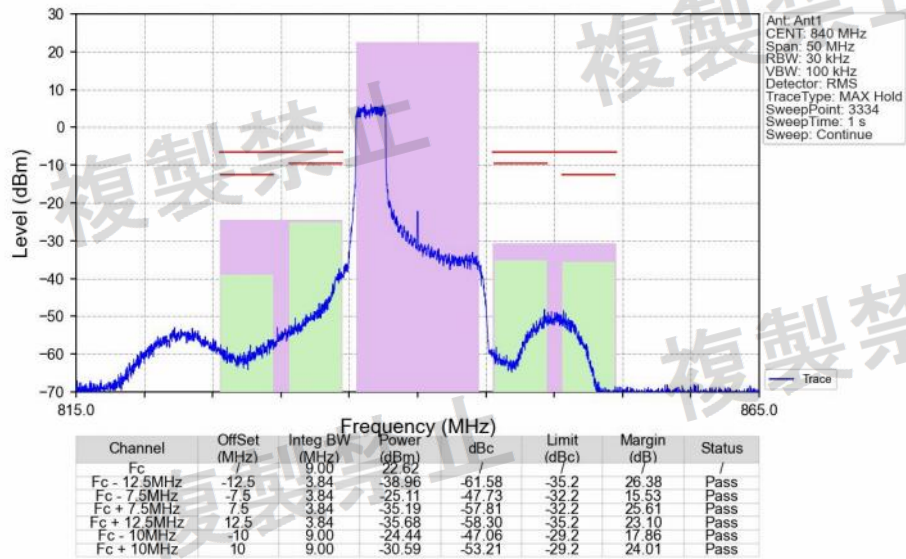
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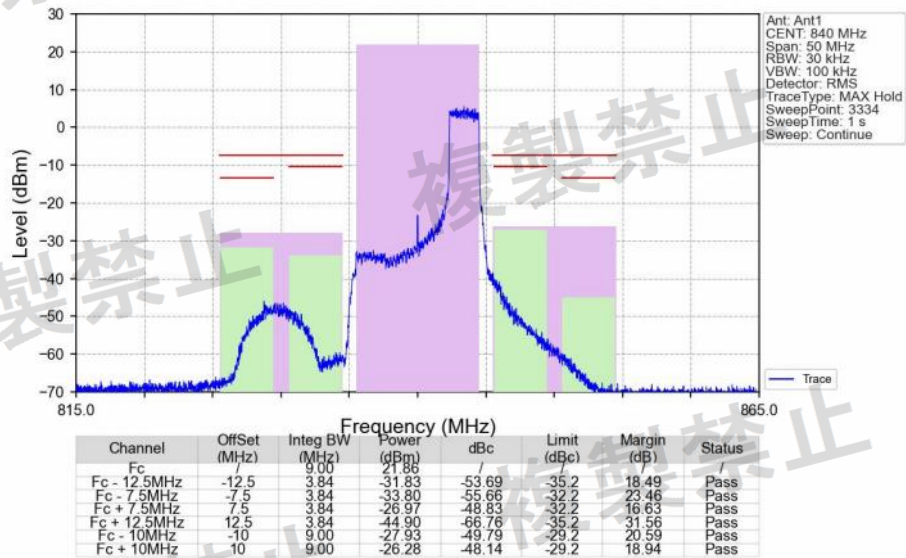
Band19_10MHz_16QAM_MCH_837.5MHz_RB_50_0_NTNV



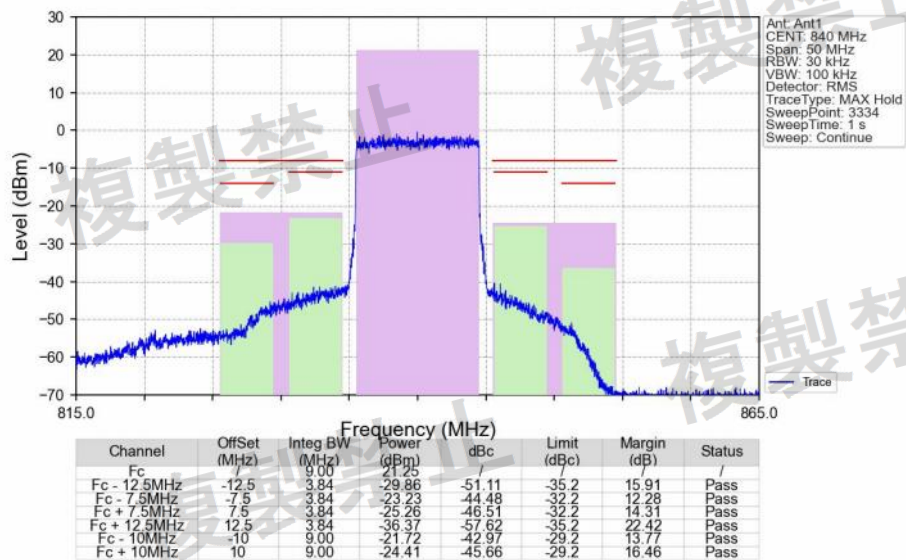
Band19_10MHz_16QAM_HCH_840MHz_RB_12_0_NTNV



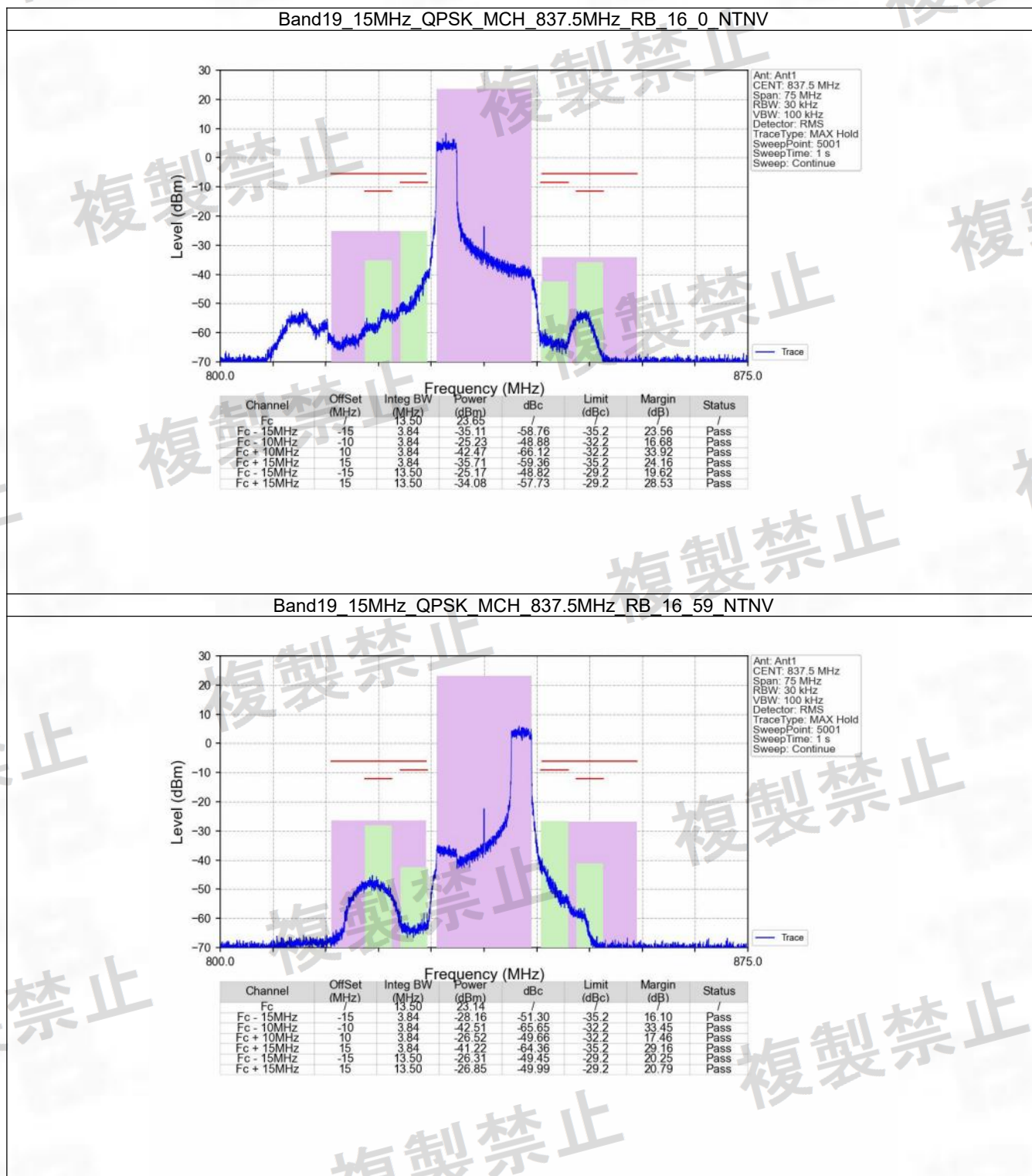
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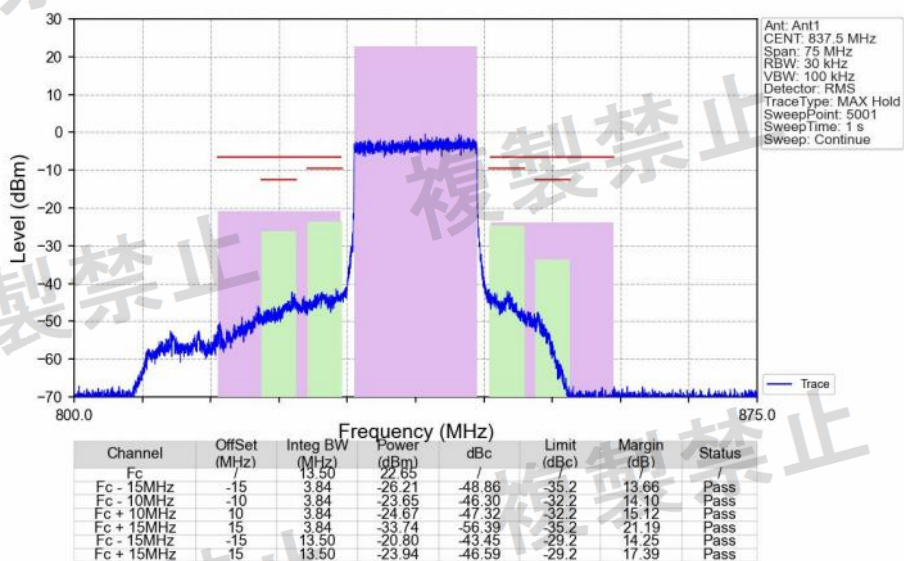
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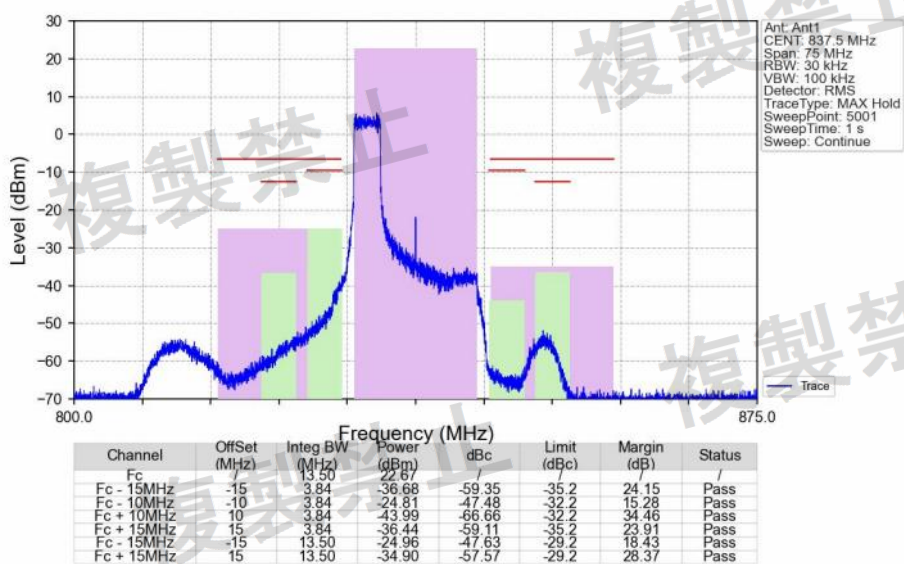
4.2.3 B19_15MHz



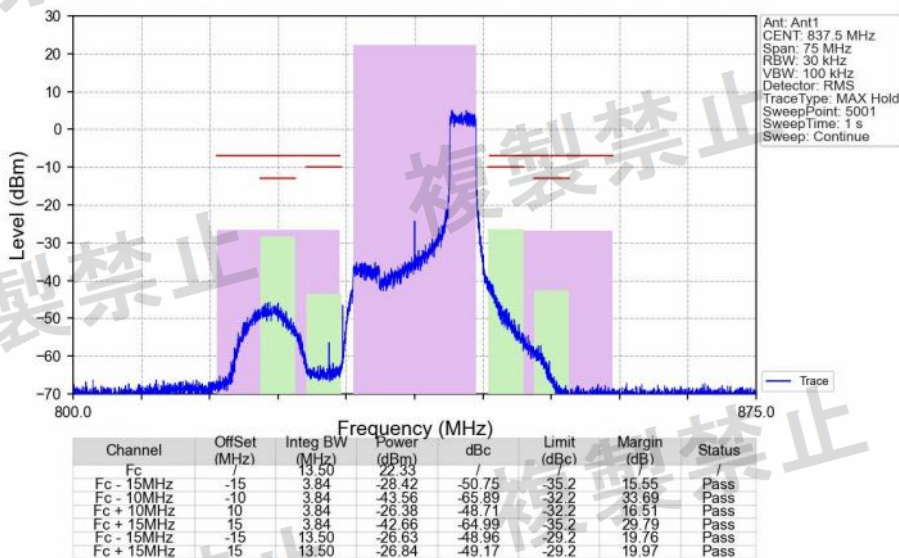
Band19_15MHz_QPSK_MCH_837.5MHz_RB_75_0_NTNV



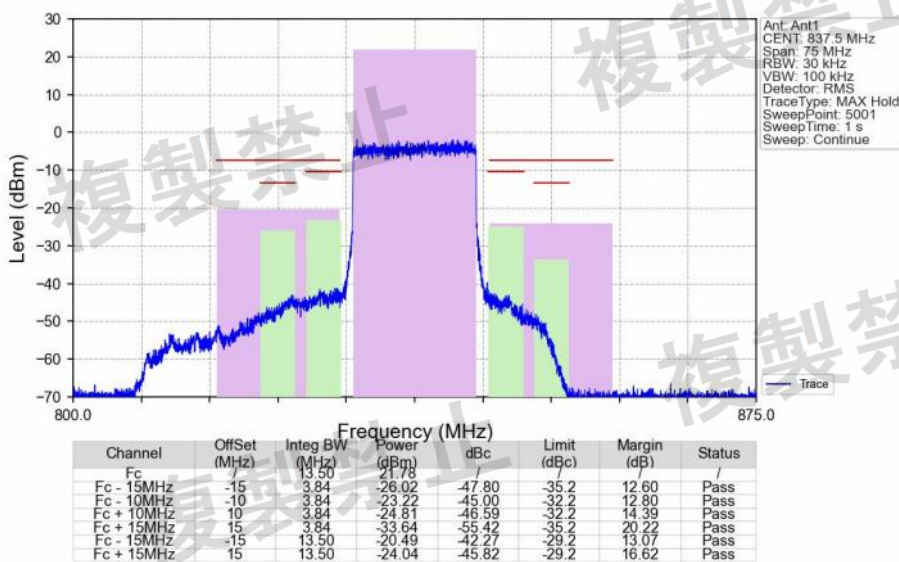
Band19_15MHz_16QAM_MCH_837.5MHz_RB_16_0_NTNV



Band19_15MHz_16QAM_MCH_837.5MHz_RB_16_59_NTNV



Band19_15MHz_16QAM_MCH_837.5MHz_RB_75_0_NTNV



5. Tolerance of Out-band Leakage Power

5.1 Test Result

5.1.1 B19_5MHz

Band: 19 / Bandwidth: 5MHz										
Modulation	Channel Number	24025		24075		24125		Unit	Limit	Result
	Frequency Center (MHz)	832.5		837.5		842.5				
	Measured Value	Freq. (MHz)	Level	Freq. (MHz)	Level	Freq. (MHz)	Level			
QPSK	-12.5M $\equiv \Delta f < -8.5M$	824.000	-37.72	827.676	-38.62	832.760	-38.01	dBm/MHz	≤ -23.5	Pass
	-8.5M $\equiv \Delta f < -7.5M$	824.946	-34.97	829.984	-37.05	834.985	-38.05	dBm/MHz	≤ -11.5	Pass
	-7.5M $\equiv \Delta f < -3.5M$	828.920	-25.89	833.996	-27.17	838.992	-26.76	dBm/MHz	≤ -8.5	Pass
	-3.5M $\equiv \Delta f < -2.5M$	829.996	-27.89	834.999	-27.38	839.999	-27.93	dBm/30kHz	≤ -13.5	Pass
	+2.5M $\equiv \Delta f < +3.5M$	835.000	-28.84	840.005	-29.02	845.005	-29.49	dBm/30kHz	≤ -13.5	Pass
	+3.5M $\equiv \Delta f < +7.5M$	836.336	-26.21	841.028	-25.41	846.072	-27.18	dBm/MHz	≤ -8.5	Pass
	+7.5M $\equiv \Delta f < +8.5M$	840.026	-35.78	845.040	-37.22	850.002	-39.94	dBm/MHz	≤ -11.5	Pass
	+8.5M $\equiv \Delta f < +12.5M$	842.420	-37.49	847.292	-39.08	851.644	-40.77	dBm/MHz	≤ -23.5	Pass
16QAM	-12.5M $\equiv \Delta f < -8.5M$	821.748	-38.34	828.996	-38.74	833.964	-38.72	dBm/MHz	≤ -23.5	Pass
	-8.5M $\equiv \Delta f < -7.5M$	824.577	-36.73	829.964	-37.78	834.560	-36.49	dBm/MHz	≤ -11.5	Pass
	-7.5M $\equiv \Delta f < -3.5M$	828.936	-26.12	833.816	-26.56	838.952	-26.54	dBm/MHz	≤ -8.5	Pass
	-3.5M $\equiv \Delta f < -2.5M$	829.999	-28.00	834.995	-28.86	840.000	-28.61	dBm/30kHz	≤ -13.5	Pass
	+2.5M $\equiv \Delta f < +3.5M$	835.002	-28.82	840.005	-29.42	845.004	-30.11	dBm/30kHz	≤ -13.5	Pass
	+3.5M $\equiv \Delta f < +7.5M$	836.156	-25.98	841.164	-25.75	846.008	-28.67	dBm/MHz	≤ -8.5	Pass
	+7.5M $\equiv \Delta f < +8.5M$	840.102	-35.59	845.020	-37.36	850.251	-40.46	dBm/MHz	≤ -11.5	Pass
	+8.5M $\equiv \Delta f < +12.5M$	841.008	-37.86	846.032	-38.70	851.208	-41.61	dBm/MHz	≤ -23.5	Pass

5.1.2 B19_10MHz

Band: 19 / Bandwidth: 10MHz										
Modulation	Channel Number	24050		24075		24100		Unit	Limit	Result
	Frequency Center (MHz)	835		837.5		840				
	Measured Value	Freq. (MHz)	Level	Freq. (MHz)	Level	Freq. (MHz)	Level			
QPSK	-20M ≡ Δf < -15M	818.160	-38.44	820.405	-38.46	820.205	-39.91	dBm/MHz	<=-23.5	Pass
	-15M ≡ Δf < -10M	824.420	-33.08	827.475	-33.13	829.950	-32.70	dBm/MHz	<=-11.5	Pass
	-10M ≡ Δf < -6M	829.000	-26.97	831.484	-27.14	833.984	-26.89	dBm/MHz	<=-8.5	Pass
	-6M ≡ Δf < -5M	829.992	-33.03	832.496	-33.28	834.999	-32.91	dBm/30kHz	<=-16.5	Pass
	+5M ≡ Δf < +6M	840.003	-32.68	842.506	-32.51	845.007	-33.73	dBm/30kHz	<=-16.5	Pass
	+6M ≡ Δf < +10M	841.016	-25.32	843.516	-26.13	846.004	-28.14	dBm/MHz	<=-8.5	Pass
	+10M ≡ Δf < +15M	845.075	-32.48	847.515	-34.57	850.255	-36.44	dBm/MHz	<=-11.5	Pass
	+15M ≡ Δf < +20M	851.385	-43.69	852.505	-47.87	855.290	-55.49	dBm/MHz	<=-23.5	Pass
16QAM	-20M ≡ Δf < -15M	818.045	-39.42	821.000	-39.21	824.800	-40.14	dBm/MHz	<=-23.5	Pass
	-15M ≡ Δf < -10M	824.980	-32.89	827.485	-32.84	829.990	-32.48	dBm/MHz	<=-11.5	Pass
	-10M ≡ Δf < -6M	828.992	-26.20	831.492	-27.06	833.992	-26.33	dBm/MHz	<=-8.5	Pass
	-6M ≡ Δf < -5M	829.996	-32.53	832.493	-33.54	834.998	-32.60	dBm/30kHz	<=-16.5	Pass
	+5M ≡ Δf < +6M	840.005	-32.83	842.502	-32.64	845.002	-33.78	dBm/30kHz	<=-16.5	Pass
	+6M ≡ Δf < +10M	841.012	-25.66	843.504	-25.73	846.020	-28.07	dBm/MHz	<=-8.5	Pass
	+10M ≡ Δf < +15M	845.000	-33.04	847.505	-34.41	850.275	-35.86	dBm/MHz	<=-11.5	Pass

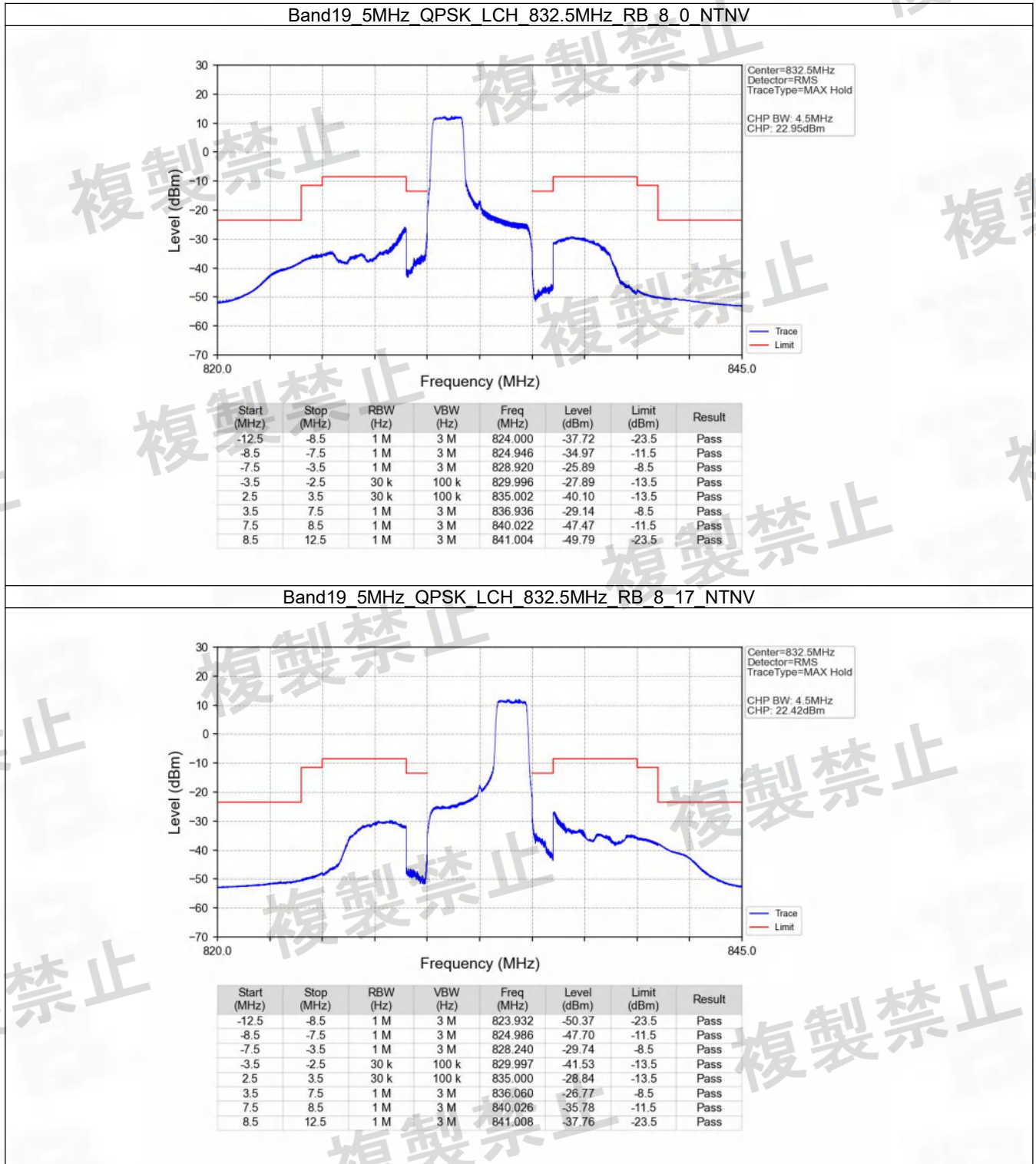
	+15M $\leq \Delta f < +20M$	850.010	-43.20	852.530	-46.84	855.880	-55.52	dBm/MHz	≤ -23.5	Pass
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5.1.3 B19_15MHz

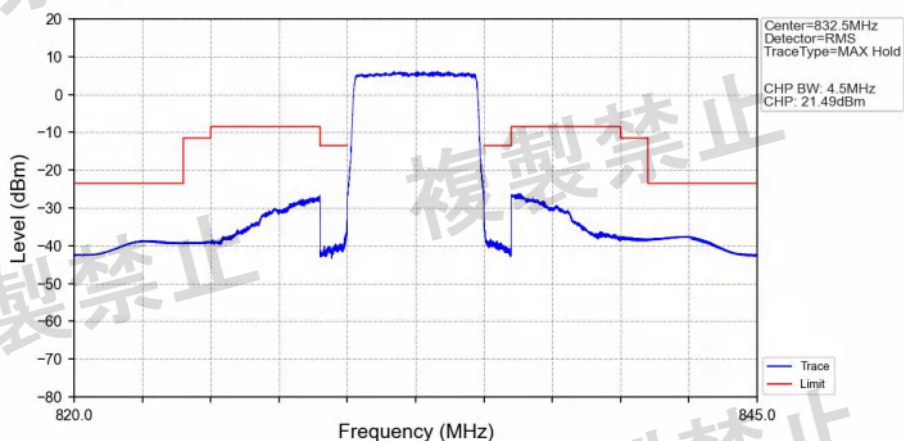
Band: 19 / Bandwidth: 15MHz										
Modulation	Channel Number	24075						Unit	Limit	Result
	Frequency Center (MHz)	837.5								
	Measured Value	Freq. (MHz)	Level	Freq. (MHz)	Level	Freq. (MHz)	Level			
QPSK	-27.5M $\equiv \Delta f < -22.5M$	/	/	811.875	-40.39	/	/	dBm/MHz	<=-23.5	Pass
	-22.5M $\equiv \Delta f < -12.5M$	/	/	824.070	-31.56	/	/	dBm/MHz	<=-11.5	Pass
	-12.5M $\equiv \Delta f < -8.5M$	/	/	828.992	-27.02	/	/	dBm/MHz	<=-8.5	Pass
	-8.5M $\equiv \Delta f < -7.5M$	/	/	829.995	-34.46	/	/	dBm/30kHz	<=-18.5	Pass
	+7.5M $\equiv \Delta f < +8.5M$	/	/	845.014	-35.12	/	/	dBm/30kHz	<=-18.5	Pass
	+8.5M $\equiv \Delta f < +12.5M$	/	/	846.072	-28.23	/	/	dBm/MHz	<=-8.5	Pass
	+12.5M $\equiv \Delta f < +22.5M$	/	/	850.000	-35.35	/	/	dBm/MHz	<=-11.5	Pass
	+22.5M $\equiv \Delta f < +27.5M$	/	/	863.785	-55.59	/	/	dBm/MHz	<=-23.5	Pass
16QAM	-27.5M $\equiv \Delta f < -22.5M$	/	/	813.745	-41.20	/	/	dBm/MHz	<=-23.5	Pass
	-22.5M $\equiv \Delta f < -12.5M$	/	/	823.990	-31.25	/	/	dBm/MHz	<=-11.5	Pass
	-12.5M $\equiv \Delta f < -8.5M$	/	/	828.984	-26.63	/	/	dBm/MHz	<=-8.5	Pass
	-8.5M $\equiv \Delta f < -7.5M$	/	/	829.997	-34.37	/	/	dBm/30kHz	<=-18.5	Pass
	+7.5M $\equiv \Delta f < +8.5M$	/	/	845.013	-35.14	/	/	dBm/30kHz	<=-18.5	Pass
	+8.5M $\equiv \Delta f < +12.5M$	/	/	846.064	-28.41	/	/	dBm/MHz	<=-8.5	Pass
	+12.5M $\equiv \Delta f < +22.5M$	/	/	850.010	-35.42	/	/	dBm/MHz	<=-11.5	Pass
	+22.5M $\equiv \Delta f < +27.5M$	/	/	860.385	-55.68	/	/	dBm/MHz	<=-23.5	Pass

5.2 Test Graph

5.2.1 B19_5MHz

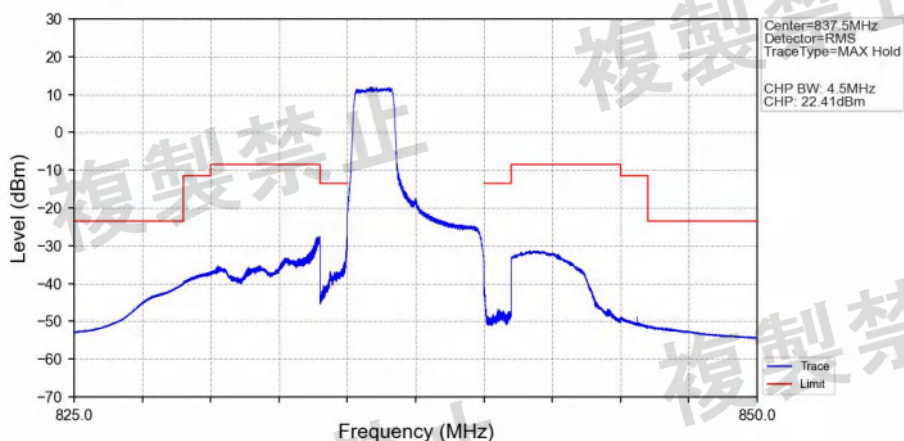


Band19_5MHz_QPSK_LCH_832.5MHz_RB_25_0_NTNV



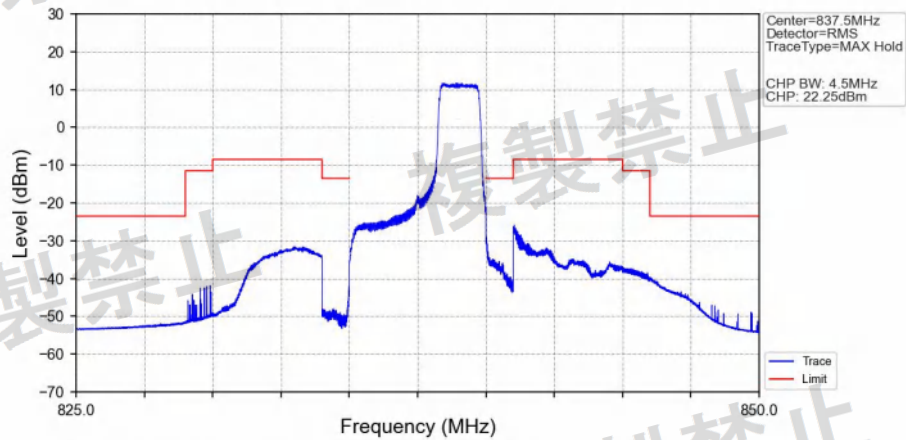
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-12.5	-8.5	1 M	3 M	822.688	-38.64	-23.5	Pass
-8.5	-7.5	1 M	3 M	824.994	-38.81	-11.5	Pass
-7.5	-3.5	1 M	3 M	828.996	-26.70	-8.5	Pass
-3.5	-2.5	30 k	100 k	829.998	-33.05	-13.5	Pass
2.5	3.5	30 k	100 k	835.000	-33.11	-13.5	Pass
3.5	7.5	1 M	3 M	836.336	-26.21	-8.5	Pass
7.5	8.5	1 M	3 M	840.005	-37.60	-11.5	Pass
8.5	12.5	1 M	3 M	842.420	-37.49	-23.5	Pass

Band19_5MHz_QPSK_MCH_837.5MHz_RB_8_0_NTNV



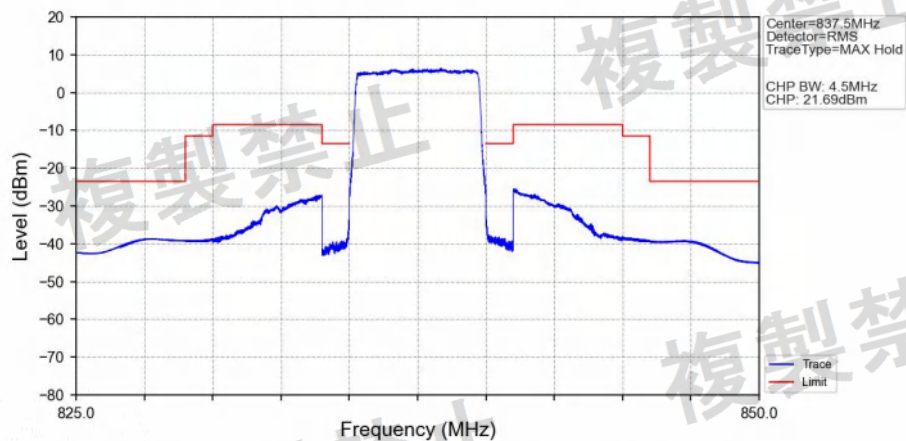
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-12.5	-8.5	1 M	3 M	828.996	-39.99	-23.5	Pass
-8.5	-7.5	1 M	3 M	829.984	-37.05	-11.5	Pass
-7.5	-3.5	1 M	3 M	833.992	-27.58	-8.5	Pass
-3.5	-2.5	30 k	100 k	834.999	-27.38	-13.5	Pass
2.5	3.5	30 k	100 k	840.005	-40.83	-13.5	Pass
3.5	7.5	1 M	3 M	841.692	-31.27	-8.5	Pass
7.5	8.5	1 M	3 M	845.612	-48.81	-11.5	Pass
8.5	12.5	1 M	3 M	846.000	-51.08	-23.5	Pass

Band19_5MHz_QPSK_MCH_837.5MHz_RB_8_17_NTNV



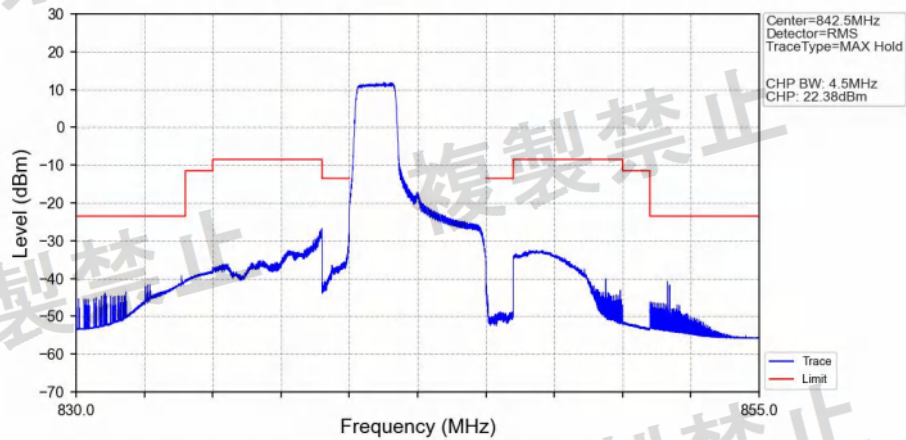
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-12.5	-8.5	1 M	3 M	828.992	-51.50	-23.5	Pass
-8.5	-7.5	1 M	3 M	829.912	-41.85	-11.5	Pass
-7.5	-3.5	1 M	3 M	832.980	-31.58	-8.5	Pass
-3.5	-2.5	30 k	100 k	834.997	-42.05	-13.5	Pass
2.5	3.5	30 k	100 k	840.005	-29.02	-13.5	Pass
3.5	7.5	1 M	3 M	841.036	-25.84	-8.5	Pass
7.5	8.5	1 M	3 M	845.040	-37.22	-11.5	Pass
8.5	12.5	1 M	3 M	846.028	-39.71	-23.5	Pass

Band19_5MHz_QPSK_MCH_837.5MHz_RB_25_0_NTNV



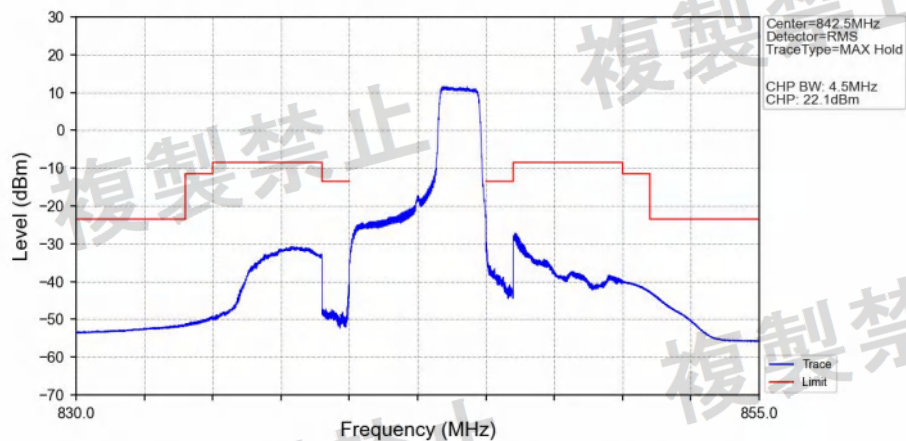
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-12.5	-8.5	1 M	3 M	827.676	-38.62	-23.5	Pass
-8.5	-7.5	1 M	3 M	829.995	-38.68	-11.5	Pass
-7.5	-3.5	1 M	3 M	833.996	-27.17	-8.5	Pass
-3.5	-2.5	30 k	100 k	834.994	-33.62	-13.5	Pass
2.5	3.5	30 k	100 k	840.001	-32.90	-13.5	Pass
3.5	7.5	1 M	3 M	841.028	-25.41	-8.5	Pass
7.5	8.5	1 M	3 M	845.003	-38.30	-11.5	Pass
8.5	12.5	1 M	3 M	847.292	-39.08	-23.5	Pass

Band19_5MHz_QPSK_HCH_842.5MHz_RB_8_0_NTNV



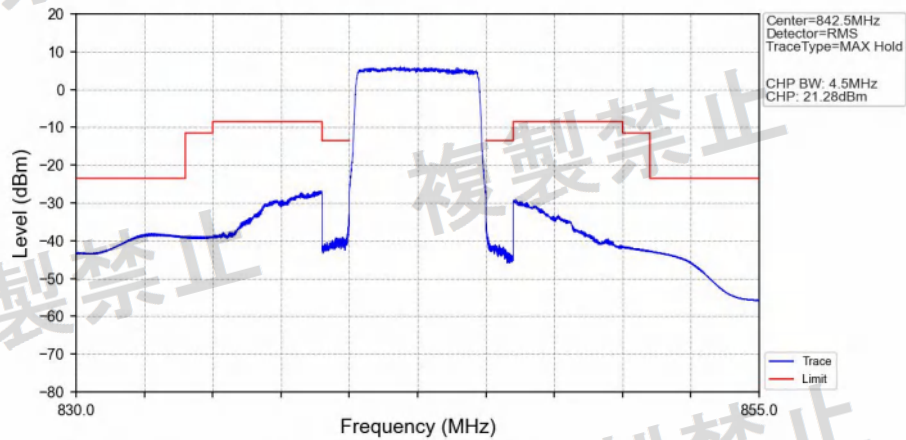
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-12.5	-8.5	1 M	3 M	833.860	-39.27	-23.5	Pass
-8.5	-7.5	1 M	3 M	834.985	-38.05	-11.5	Pass
-7.5	-3.5	1 M	3 M	838.992	-26.76	-8.5	Pass
-3.5	-2.5	30 k	100 k	839.999	-27.93	-13.5	Pass
2.5	3.5	30 k	100 k	845.001	-41.40	-13.5	Pass
3.5	7.5	1 M	3 M	846.588	-32.48	-8.5	Pass
7.5	8.5	1 M	3 M	850.005	-51.38	-11.5	Pass
8.5	12.5	1 M	3 M	851.644	-40.77	-23.5	Pass

Band19_5MHz_QPSK_HCH_842.5MHz_RB_8_17_NTNV



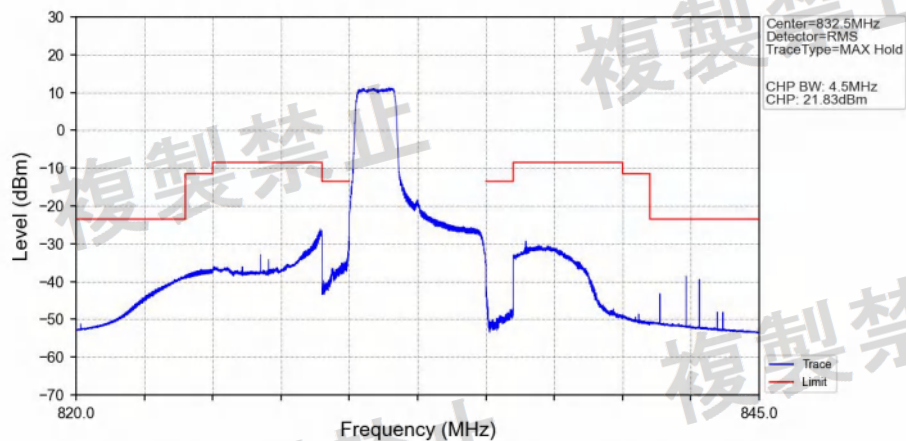
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-12.5	-8.5	1 M	3 M	833.952	-51.38	-23.5	Pass
-8.5	-7.5	1 M	3 M	834.983	-49.17	-11.5	Pass
-7.5	-3.5	1 M	3 M	837.888	-30.72	-8.5	Pass
-3.5	-2.5	30 k	100 k	840.000	-40.41	-13.5	Pass
2.5	3.5	30 k	100 k	845.005	-29.49	-13.5	Pass
3.5	7.5	1 M	3 M	846.072	-27.18	-8.5	Pass
7.5	8.5	1 M	3 M	850.002	-39.94	-11.5	Pass
8.5	12.5	1 M	3 M	851.004	-42.54	-23.5	Pass

Band19 5MHz QPSK HCH 842.5MHz RB 25 0 NTN



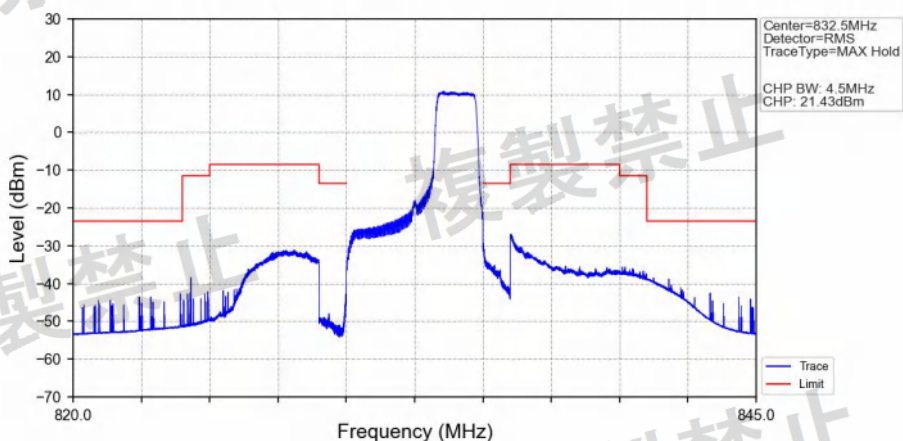
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-12.5	-8.5	1 M	3 M	832.760	-38.01	-23.5	Pass
-8.5	-7.5	1 M	3 M	834.006	-38.83	-11.5	Pass
-7.5	-3.5	1 M	3 M	838.908	-26.85	-8.5	Pass
-3.5	-2.5	30 k	100 k	839.997	-33.00	-13.5	Pass
2.5	3.5	30 k	100 k	845.002	-34.13	-13.5	Pass
3.5	7.5	1 M	3 M	846.100	-29.11	-8.5	Pass
7.5	8.5	1 M	3 M	850.010	-41.50	-11.5	Pass
8.5	12.5	1 M	3 M	851.000	-42.67	-23.5	Pass

Band19 5MHz 16QAM LCH 832.5MHz RB 8 0 NTN



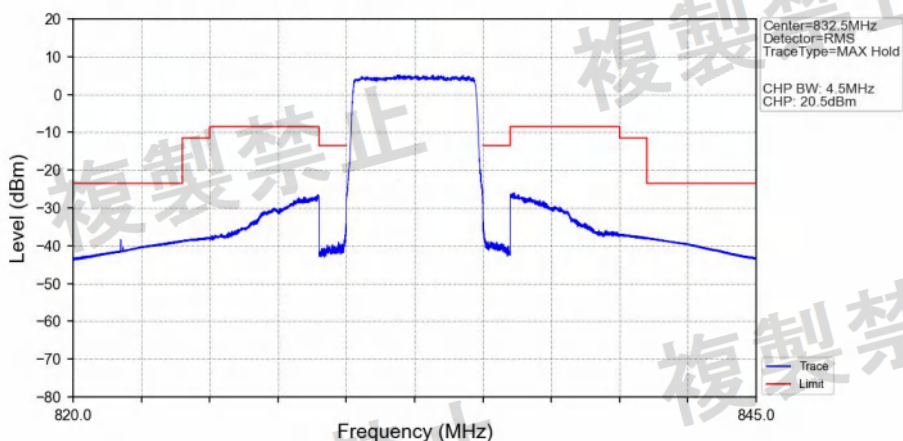
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-12.5	-8.5	1 M	3 M	823.980	-38.43	-23.5	Pass
-8.5	-7.5	1 M	3 M	824.577	-36.73	-11.5	Pass
-7.5	-3.5	1 M	3 M	828.936	-26.12	-8.5	Pass
-3.5	-2.5	30 k	100 k	829.999	-28.00	-13.5	Pass
2.5	3.5	30 k	100 k	835.003	-41.58	-13.5	Pass
3.5	7.5	1 M	3 M	836.460	-29.31	-8.5	Pass
7.5	8.5	1 M	3 M	840.591	-48.60	-11.5	Pass
8.5	12.5	1 M	3 M	842.328	-38.54	-23.5	Pass

Band19_5MHz_16QAM_LCH_832.5MHz_RB_8_17_NTNV



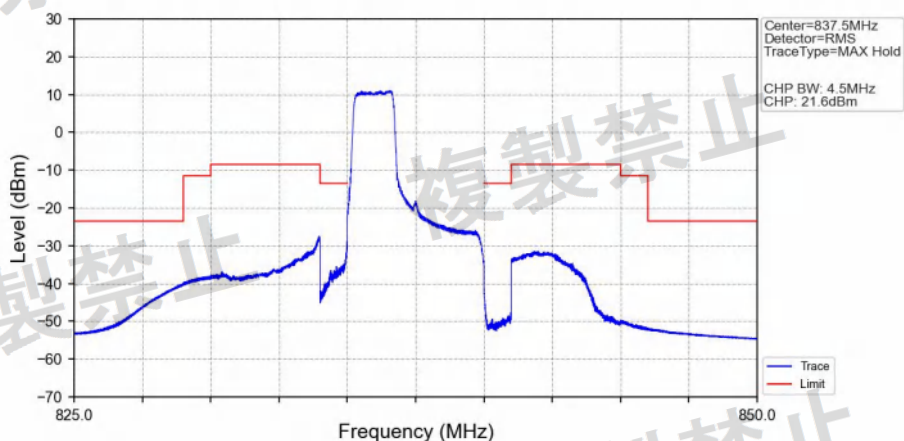
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-12.5	-8.5	1 M	3 M	823.924	-42.60	-23.5	Pass
-8.5	-7.5	1 M	3 M	824.308	-38.35	-11.5	Pass
-7.5	-3.5	1 M	3 M	828.096	-31.08	-8.5	Pass
-3.5	-2.5	30 k	100 k	830.000	-41.94	-13.5	Pass
2.5	3.5	30 k	100 k	835.002	-28.82	-13.5	Pass
3.5	7.5	1 M	3 M	836.008	-26.91	-8.5	Pass
7.5	8.5	1 M	3 M	840.102	-35.59	-11.5	Pass
8.5	12.5	1 M	3 M	841.244	-38.47	-23.5	Pass

Band19_5MHz_16QAM_LCH_832.5MHz_RB_25_0_NTNV



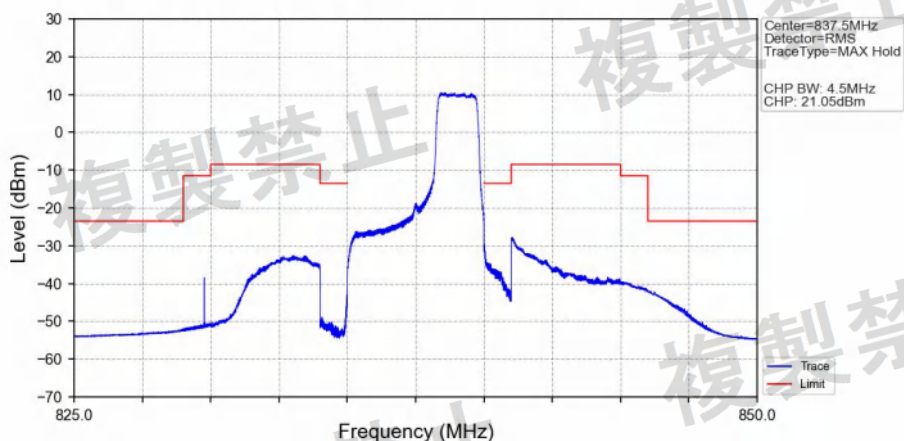
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-12.5	-8.5	1 M	3 M	821.748	-38.34	-23.5	Pass
-8.5	-7.5	1 M	3 M	824.962	-37.82	-11.5	Pass
-7.5	-3.5	1 M	3 M	828.952	-26.47	-8.5	Pass
-3.5	-2.5	30 k	100 k	829.997	-34.15	-13.5	Pass
2.5	3.5	30 k	100 k	835.008	-33.59	-13.5	Pass
3.5	7.5	1 M	3 M	836.156	-25.98	-8.5	Pass
7.5	8.5	1 M	3 M	840.022	-36.90	-11.5	Pass
8.5	12.5	1 M	3 M	841.008	-37.86	-23.5	Pass

Band19_5MHz_16QAM_MCH_837.5MHz_RB_8_0_NTNV



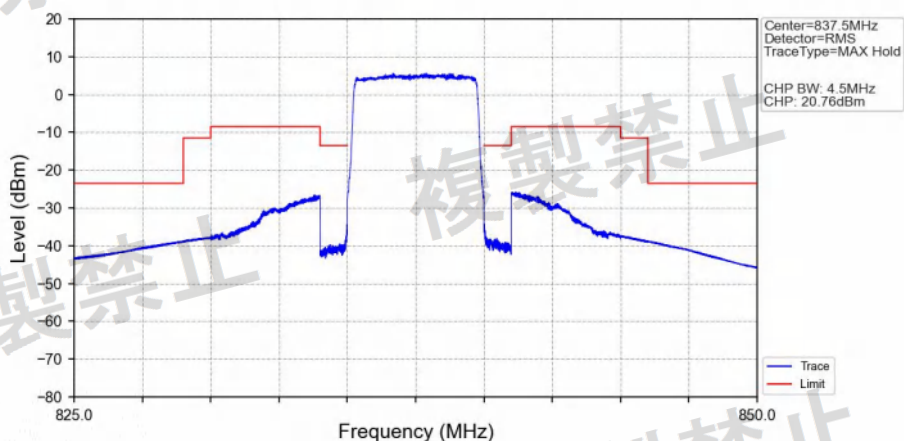
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-12.5	-8.5	1 M	3 M	828.968	-40.01	-23.5	Pass
-8.5	-7.5	1 M	3 M	829.991	-38.10	-11.5	Pass
-7.5	-3.5	1 M	3 M	833.976	-27.45	-8.5	Pass
-3.5	-2.5	30 k	100 k	834.995	-28.86	-13.5	Pass
2.5	3.5	30 k	100 k	840.000	-41.48	-13.5	Pass
3.5	7.5	1 M	3 M	841.984	-31.45	-8.5	Pass
7.5	8.5	1 M	3 M	845.014	-49.65	-11.5	Pass
8.5	12.5	1 M	3 M	846.028	-51.79	-23.5	Pass

Band19_5MHz_16QAM_MCH_837.5MHz_RB_8_17_NTNV



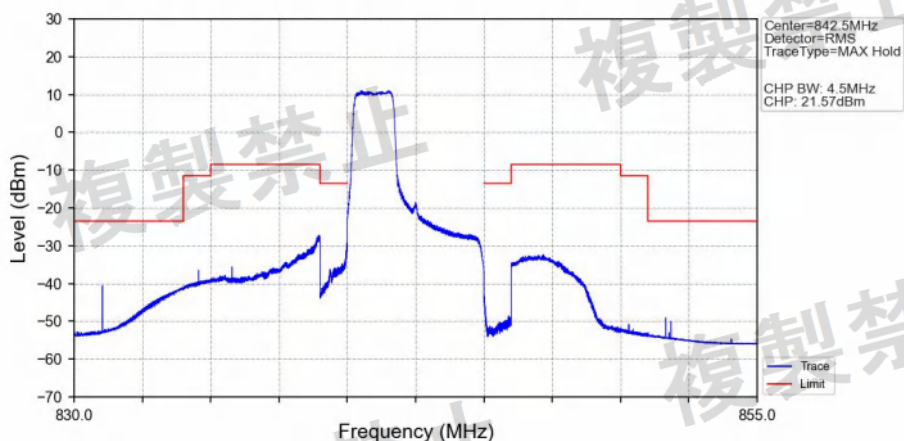
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-12.5	-8.5	1 M	3 M	828.960	-52.05	-23.5	Pass
-8.5	-7.5	1 M	3 M	829.766	-38.44	-11.5	Pass
-7.5	-3.5	1 M	3 M	833.012	-32.55	-8.5	Pass
-3.5	-2.5	30 k	100 k	835.000	-42.57	-13.5	Pass
2.5	3.5	30 k	100 k	840.005	-29.42	-13.5	Pass
3.5	7.5	1 M	3 M	841.024	-27.77	-8.5	Pass
7.5	8.5	1 M	3 M	845.009	-39.52	-11.5	Pass
8.5	12.5	1 M	3 M	846.088	-41.96	-23.5	Pass

Band19_5MHz_16QAM_MCH_837.5MHz_RB_25_0_NTNV



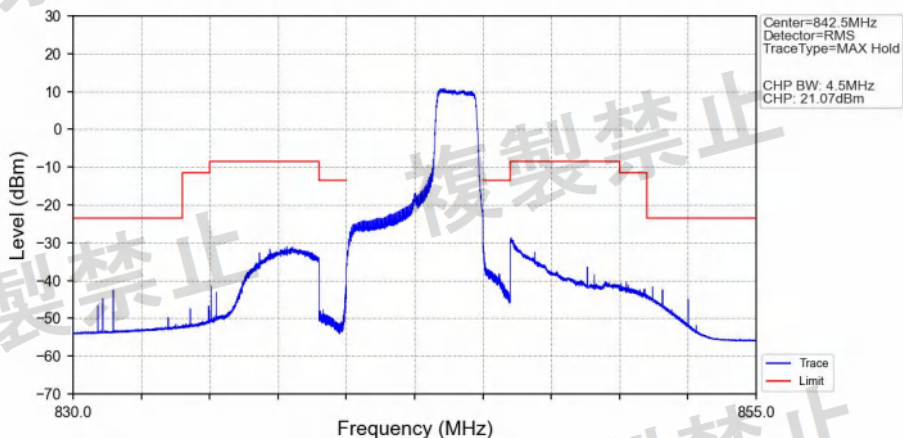
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-12.5	-8.5	1 M	3 M	828.996	-38.74	-23.5	Pass
-8.5	-7.5	1 M	3 M	829.964	-37.78	-11.5	Pass
-7.5	-3.5	1 M	3 M	833.816	-26.56	-8.5	Pass
-3.5	-2.5	30 k	100 k	834.995	-34.36	-13.5	Pass
2.5	3.5	30 k	100 k	840.001	-33.86	-13.5	Pass
3.5	7.5	1 M	3 M	841.164	-25.75	-8.5	Pass
7.5	8.5	1 M	3 M	845.020	-37.36	-11.5	Pass
8.5	12.5	1 M	3 M	846.032	-38.70	-23.5	Pass

Band19_5MHz_16QAM_HCH_842.5MHz_RB_8_0_NTNV



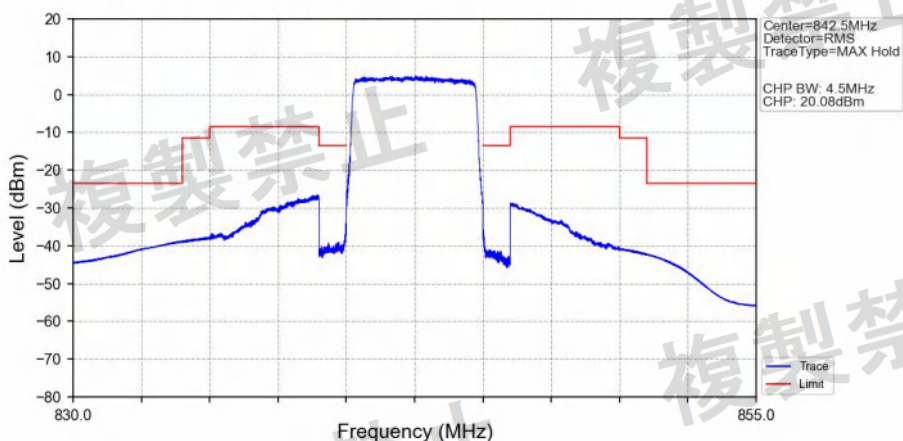
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-12.5	-8.5	1 M	3 M	831.040	-40.55	-23.5	Pass
-8.5	-7.5	1 M	3 M	834.560	-36.49	-11.5	Pass
-7.5	-3.5	1 M	3 M	838.976	-27.21	-8.5	Pass
-3.5	-2.5	30 k	100 k	840.000	-28.61	-13.5	Pass
2.5	3.5	30 k	100 k	845.000	-42.70	-13.5	Pass
3.5	7.5	1 M	3 M	847.172	-32.33	-8.5	Pass
7.5	8.5	1 M	3 M	850.303	-50.81	-11.5	Pass
8.5	12.5	1 M	3 M	851.652	-49.03	-23.5	Pass

Band19_5MHz_16QAM_HCH_842.5MHz_RB_8_17_NTNV



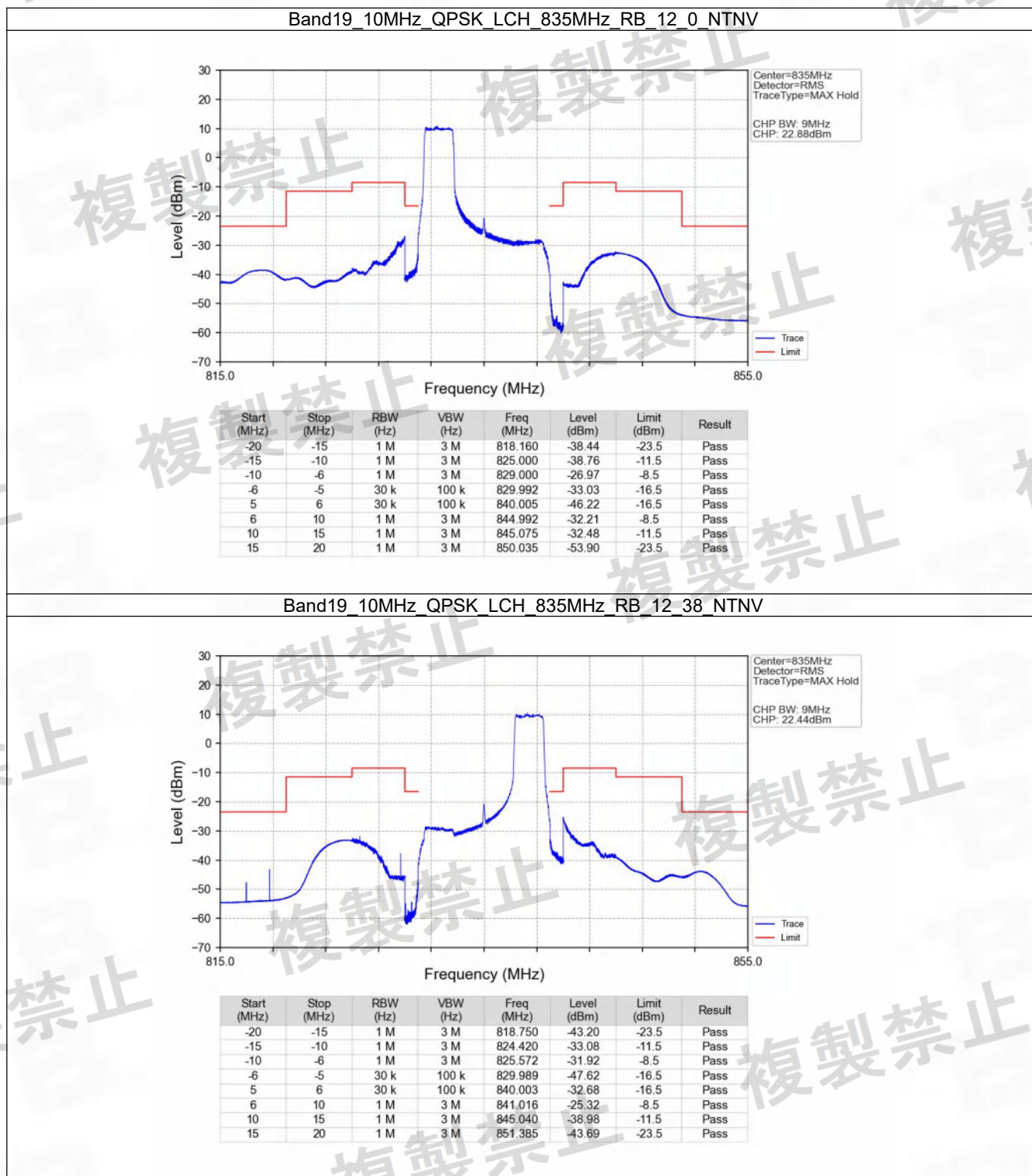
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-12.5	-8.5	1 M	3 M	831.472	-42.51	-23.5	Pass
-8.5	-7.5	1 M	3 M	834.963	-46.70	-11.5	Pass
-7.5	-3.5	1 M	3 M	837.820	-31.02	-8.5	Pass
-3.5	-2.5	30 k	100 k	839.995	-41.42	-13.5	Pass
2.5	3.5	30 k	100 k	845.004	-30.11	-13.5	Pass
3.5	7.5	1 M	3 M	846.036	-28.68	-8.5	Pass
7.5	8.5	1 M	3 M	850.251	-40.46	-11.5	Pass
8.5	12.5	1 M	3 M	851.208	-41.61	-23.5	Pass

Band19_5MHz_16QAM_HCH_842.5MHz_RB_25_0_NTNV

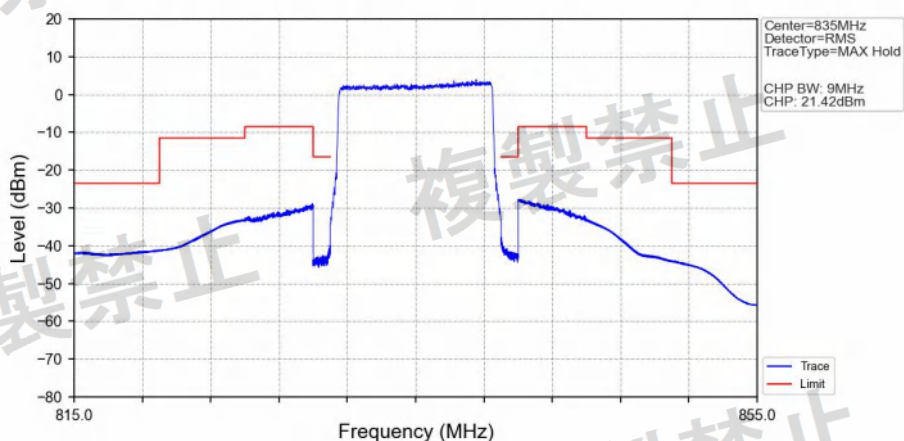


Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-12.5	-8.5	1 M	3 M	833.964	-38.72	-23.5	Pass
-8.5	-7.5	1 M	3 M	835.000	-37.68	-11.5	Pass
-7.5	-3.5	1 M	3 M	838.952	-26.54	-8.5	Pass
-3.5	-2.5	30 k	100 k	839.999	-33.47	-13.5	Pass
2.5	3.5	30 k	100 k	845.009	-35.83	-13.5	Pass
3.5	7.5	1 M	3 M	846.008	-28.67	-8.5	Pass
7.5	8.5	1 M	3 M	850.012	-40.74	-11.5	Pass
8.5	12.5	1 M	3 M	851.000	-42.20	-23.5	Pass

5.2.2 B19_10MHz

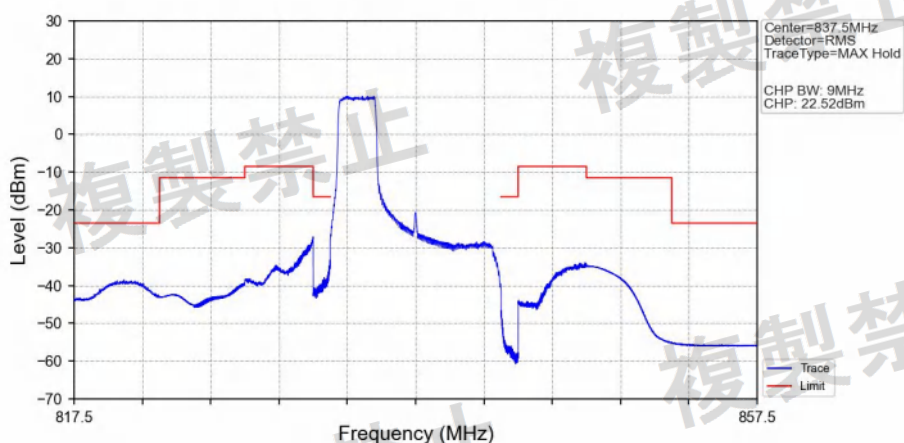


Band19_10MHz_QPSK_LCH_835MHz_RB_50_0_NTNV



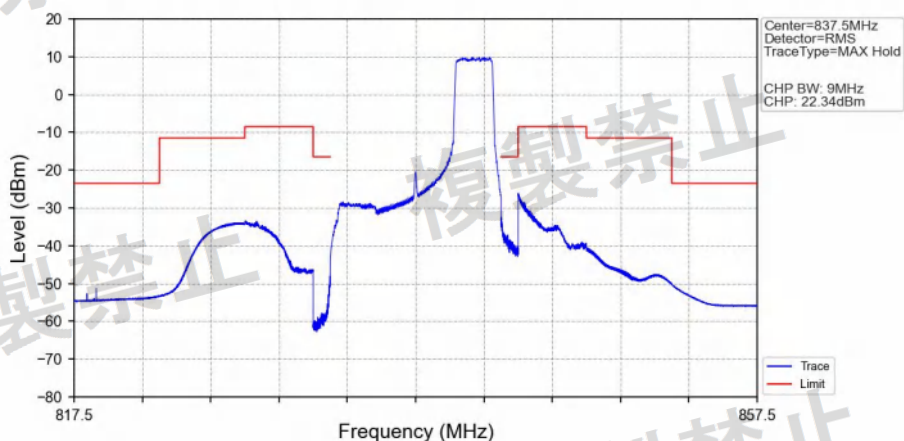
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-20	-15	1 M	3 M	819.955	-41.10	-23.5	Pass
-15	-10	1 M	3 M	824.990	-33.16	-11.5	Pass
-10	-6	1 M	3 M	828.964	-28.84	-8.5	Pass
-6	-5	30 k	100 k	829.997	-39.70	-16.5	Pass
5	6	30 k	100 k	840.012	-37.75	-16.5	Pass
6	10	1 M	3 M	841.020	-27.66	-8.5	Pass
10	15	1 M	3 M	845.015	-32.95	-11.5	Pass
15	20	1 M	3 M	850.075	-43.93	-23.5	Pass

Band19_10MHz_QPSK_MCH_837.5MHz_RB_12_0_NTNV



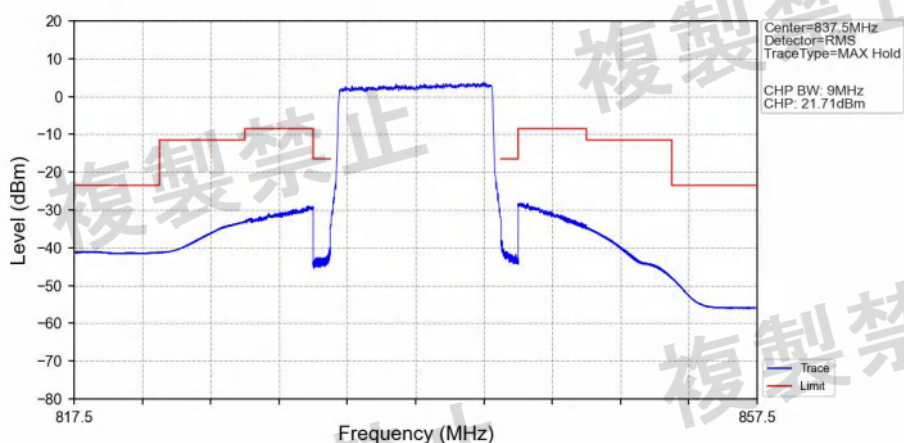
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-20	-15	1 M	3 M	820.405	-38.46	-23.5	Pass
-15	-10	1 M	3 M	827.475	-39.35	-11.5	Pass
-10	-6	1 M	3 M	831.484	-27.14	-8.5	Pass
-6	-5	30 k	100 k	832.496	-33.28	-16.5	Pass
5	6	30 k	100 k	842.505	-46.62	-16.5	Pass
6	10	1 M	3 M	847.404	-33.94	-8.5	Pass
10	15	1 M	3 M	847.530	-34.69	-11.5	Pass
15	20	1 M	3 M	852.500	-55.02	-23.5	Pass

Band19_10MHz_QPSK_MCH_837.5MHz_RB_12_38_NTNV



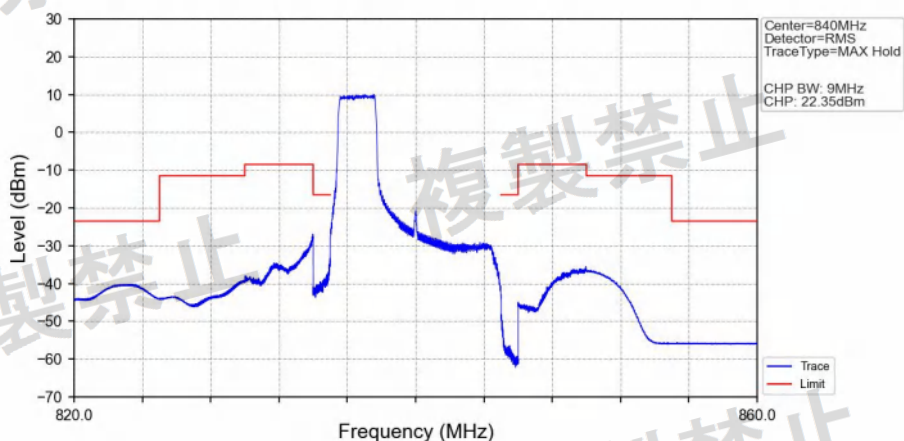
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-20	-15	1 M	3 M	818.800	-51.23	-23.5	Pass
-15	-10	1 M	3 M	827.060	-33.95	-11.5	Pass
-10	-6	1 M	3 M	827.544	-33.41	-8.5	Pass
-6	-5	30 k	100 k	832.500	-47.57	-16.5	Pass
5	6	30 k	100 k	842.506	-32.51	-16.5	Pass
6	10	1 M	3 M	843.516	-26.13	-8.5	Pass
10	15	1 M	3 M	847.500	-40.56	-11.5	Pass
15	20	1 M	3 M	852.500	-50.26	-23.5	Pass

Band19_10MHz_QPSK_MCH_837.5MHz_RB_50_0_NTNV



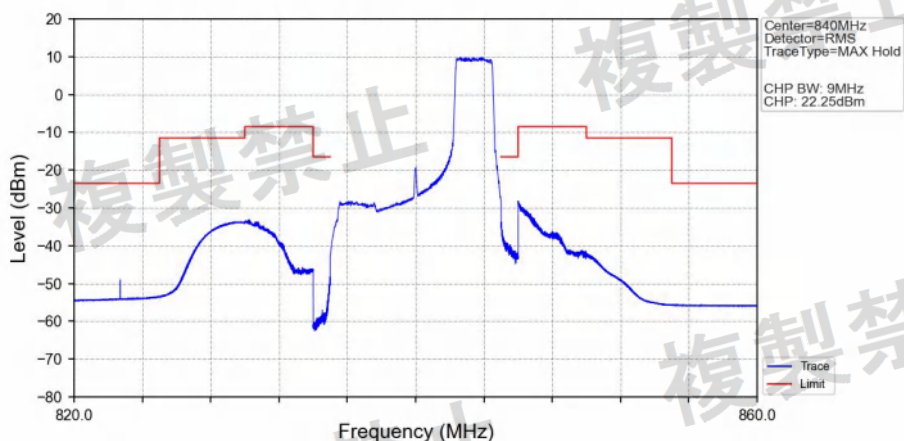
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-20	-15	1 M	3 M	818.410	-40.92	-23.5	Pass
-15	-10	1 M	3 M	827.475	-33.13	-11.5	Pass
-10	-6	1 M	3 M	831.216	-28.96	-8.5	Pass
-6	-5	30 k	100 k	832.496	-39.91	-16.5	Pass
5	6	30 k	100 k	842.502	-37.97	-16.5	Pass
6	10	1 M	3 M	843.620	-28.23	-8.5	Pass
10	15	1 M	3 M	847.515	-34.57	-11.5	Pass
15	20	1 M	3 M	852.505	-47.87	-23.5	Pass

Band19_10MHz_QPSK_HCH_840MHz_RB_12_0_NTNV



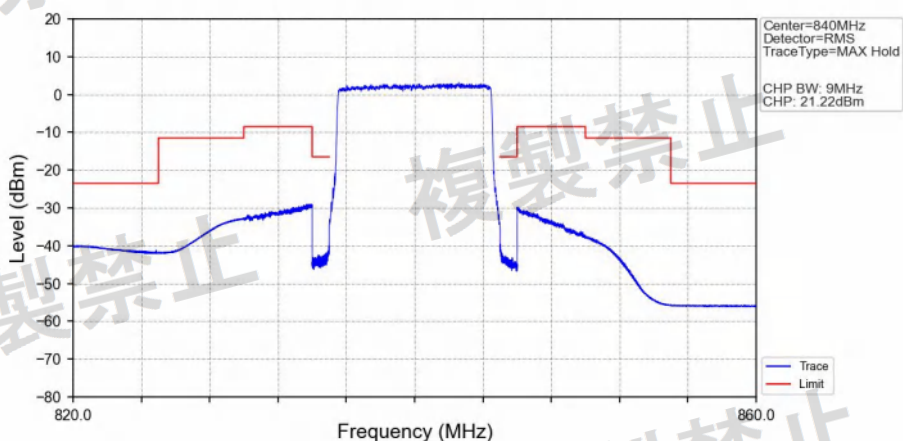
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-20	-15	1 M	3 M	823.335	-40.14	-23.5	Pass
-15	-10	1 M	3 M	829.975	-39.13	-11.5	Pass
-10	-6	1 M	3 M	833.984	-26.89	-8.5	Pass
-6	-5	30 k	100 k	834.999	-32.91	-16.5	Pass
5	6	30 k	100 k	845.003	-47.73	-16.5	Pass
6	10	1 M	3 M	849.960	-35.46	-8.5	Pass
10	15	1 M	3 M	850.255	-36.44	-11.5	Pass
15	20	1 M	3 M	855.315	-55.58	-23.5	Pass

Band19_10MHz_QPSK_HCH_840MHz_RB_12_38_NTNV



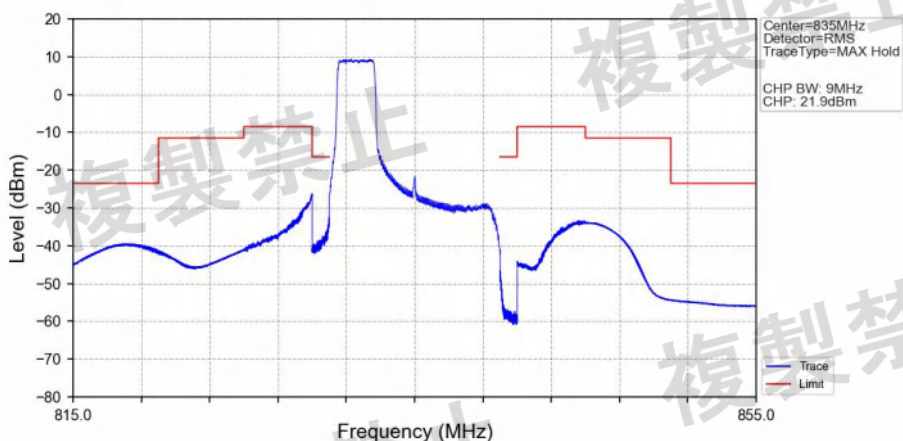
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-20	-15	1 M	3 M	822.710	-48.99	-23.5	Pass
-15	-10	1 M	3 M	829.770	-33.63	-11.5	Pass
-10	-6	1 M	3 M	830.240	-33.10	-8.5	Pass
-6	-5	30 k	100 k	834.991	-48.26	-16.5	Pass
5	6	30 k	100 k	845.007	-33.73	-16.5	Pass
6	10	1 M	3 M	846.004	-28.14	-8.5	Pass
10	15	1 M	3 M	850.040	-42.12	-11.5	Pass
15	20	1 M	3 M	855.290	-55.49	-23.5	Pass

Band19_10MHz_QPSK_HCH_840MHz_RB_50_0_NTNV



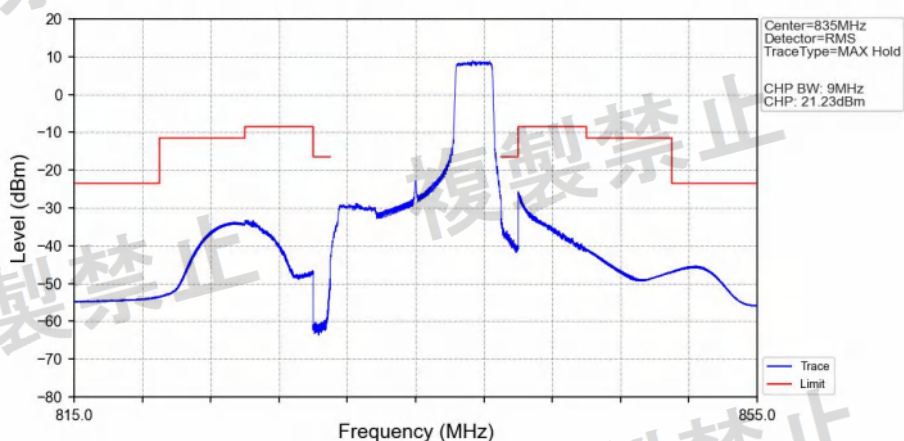
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-20	-15	1 M	3 M	820.205	-39.91	-23.5	Pass
-15	-10	1 M	3 M	829.950	-32.70	-11.5	Pass
-10	-6	1 M	3 M	833.960	-28.98	-8.5	Pass
-6	-5	30 k	100 k	834.994	-40.01	-16.5	Pass
5	6	30 k	100 k	845.014	-39.60	-16.5	Pass
6	10	1 M	3 M	846.020	-29.77	-8.5	Pass
10	15	1 M	3 M	850.000	-37.36	-11.5	Pass
15	20	1 M	3 M	855.245	-55.60	-23.5	Pass

Band19_10MHz_16QAM_LCH_835MHz_RB_12_0_NTNV



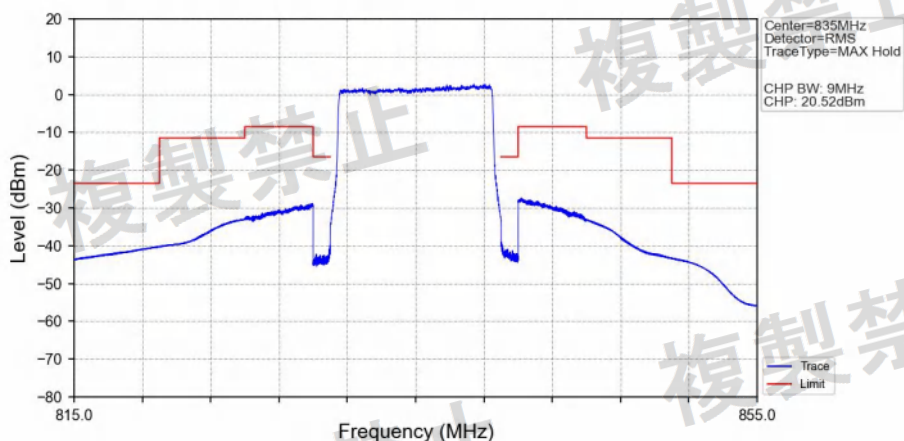
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-20	-15	1 M	3 M	818.045	-39.42	-23.5	Pass
-15	-10	1 M	3 M	824.995	-41.05	-11.5	Pass
-10	-6	1 M	3 M	828.992	-26.20	-8.5	Pass
-6	-5	30 k	100 k	829.996	-32.53	-16.5	Pass
5	6	30 k	100 k	840.000	-46.51	-16.5	Pass
6	10	1 M	3 M	844.928	-33.35	-8.5	Pass
10	15	1 M	3 M	845.100	-33.77	-11.5	Pass
15	20	1 M	3 M	850.075	-54.25	-23.5	Pass

Band19_10MHz_16QAM_LCH_835MHz_RB_12_38_NTNV



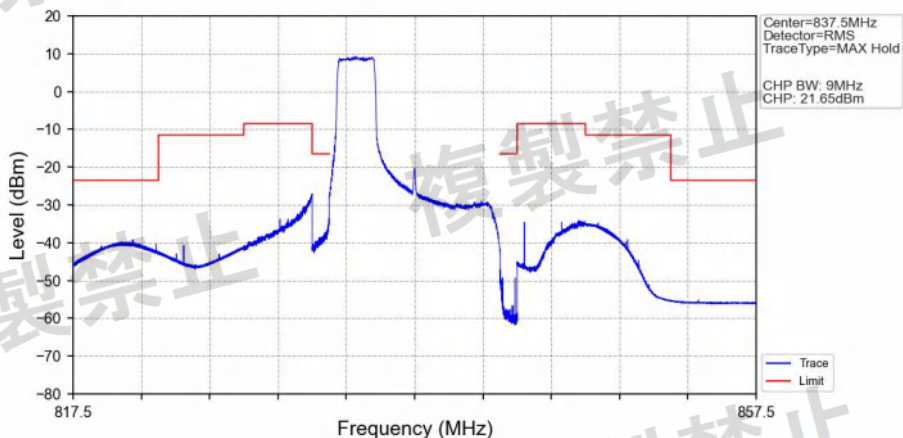
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-20	-15	1 M	3 M	819.985	-53.40	-23.5	Pass
-15	-10	1 M	3 M	824.430	-33.76	-11.5	Pass
-10	-6	1 M	3 M	825.168	-33.25	-8.5	Pass
-6	-5	30 k	100 k	829.996	-48.69	-16.5	Pass
5	6	30 k	100 k	840.005	-32.83	-16.5	Pass
6	10	1 M	3 M	841.012	-25.66	-8.5	Pass
10	15	1 M	3 M	845.000	-40.85	-11.5	Pass
15	20	1 M	3 M	851.355	-45.34	-23.5	Pass

Band19_10MHz_16QAM_LCH_835MHz_RB_50_0_NTNV



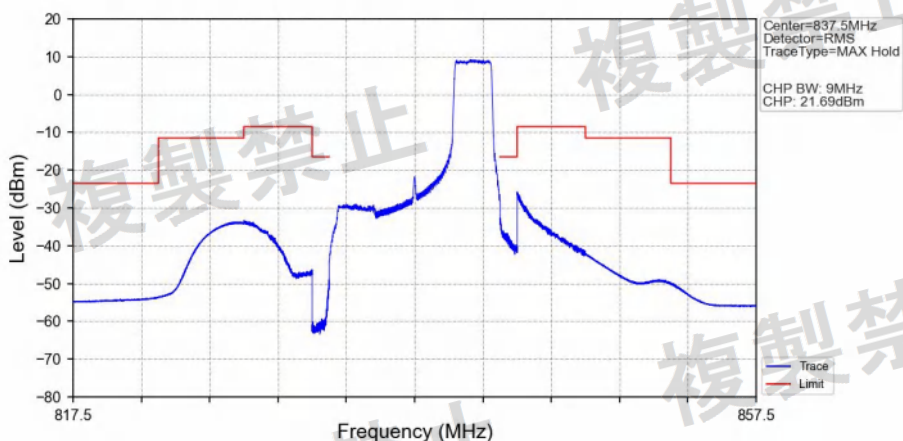
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-20	-15	1 M	3 M	819.985	-40.12	-23.5	Pass
-15	-10	1 M	3 M	824.980	-32.89	-11.5	Pass
-10	-6	1 M	3 M	828.968	-28.75	-8.5	Pass
-6	-5	30 k	100 k	830.000	-39.95	-16.5	Pass
5	6	30 k	100 k	840.001	-38.66	-16.5	Pass
6	10	1 M	3 M	841.200	-27.35	-8.5	Pass
10	15	1 M	3 M	845.000	-33.04	-11.5	Pass
15	20	1 M	3 M	850.010	-43.20	-23.5	Pass

Band19_10MHz_16QAM_MCH_837.5MHz_RB_12_0_NTNV



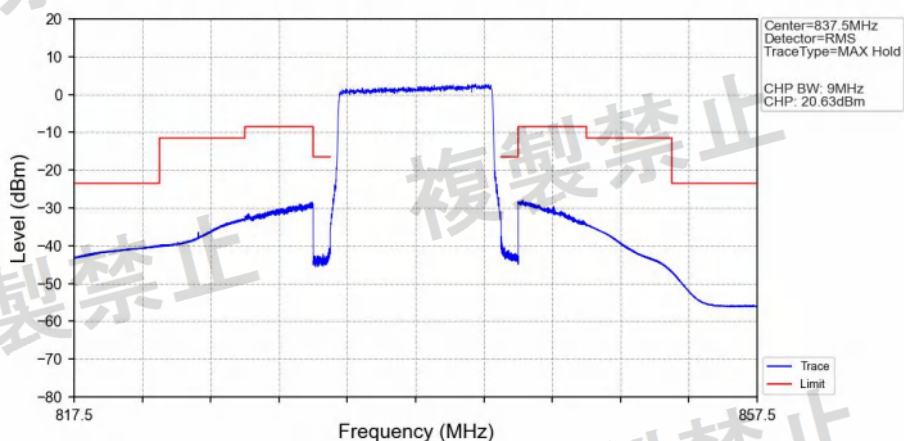
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-20	-15	1 M	3 M	821.000	-39.21	-23.5	Pass
-15	-10	1 M	3 M	823.980	-40.73	-11.5	Pass
-10	-6	1 M	3 M	831.492	-27.06	-8.5	Pass
-6	-5	30 k	100 k	832.493	-33.54	-16.5	Pass
5	6	30 k	100 k	842.506	-47.12	-16.5	Pass
6	10	1 M	3 M	847.136	-34.16	-8.5	Pass
10	15	1 M	3 M	848.240	-34.80	-11.5	Pass
15	20	1 M	3 M	854.120	-55.13	-23.5	Pass

Band19_10MHz_16QAM_MCH_837.5MHz_RB_12_38_NTNV



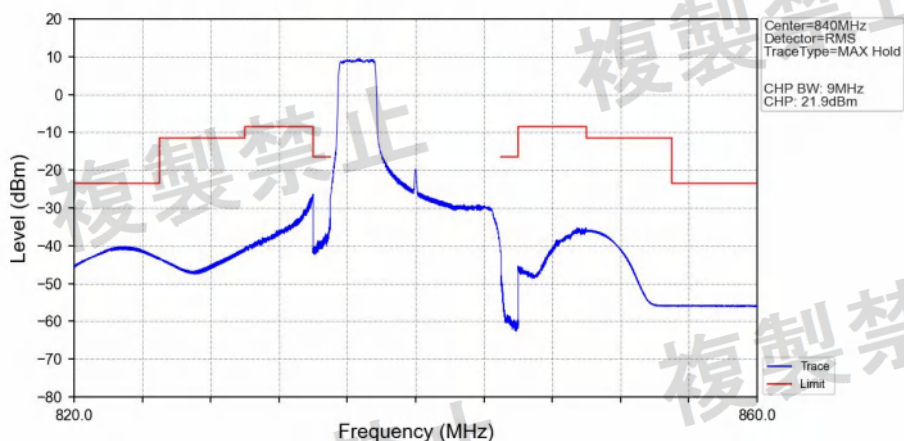
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-20	-15	1 M	3 M	822.455	-53.53	-23.5	Pass
-15	-10	1 M	3 M	827.280	-33.66	-11.5	Pass
-10	-6	1 M	3 M	827.504	-33.26	-8.5	Pass
-6	-5	30 k	100 k	832.495	-49.01	-16.5	Pass
5	6	30 k	100 k	842.502	-32.64	-16.5	Pass
6	10	1 M	3 M	843.504	-25.73	-8.5	Pass
10	15	1 M	3 M	847.505	-42.04	-11.5	Pass
15	20	1 M	3 M	852.525	-49.85	-23.5	Pass

Band19_10MHz_16QAM_MCH_837.5MHz_RB_50_0_NTNV



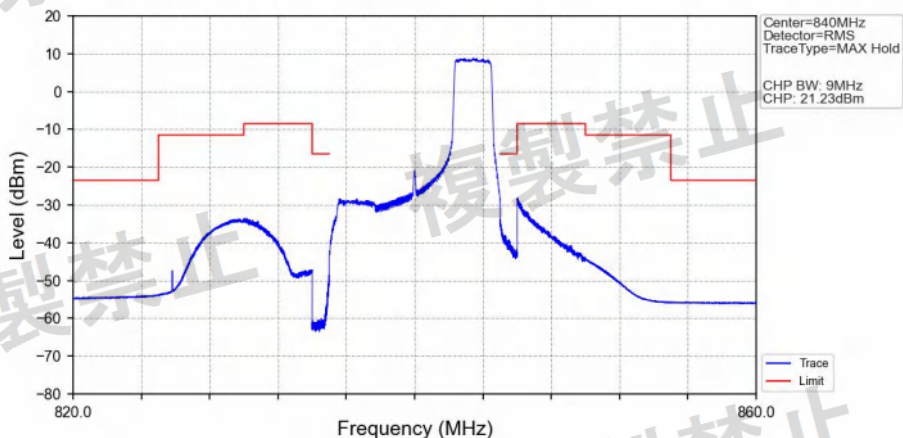
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-20	-15	1 M	3 M	822.450	-39.88	-23.5	Pass
-15	-10	1 M	3 M	827.485	-32.84	-11.5	Pass
-10	-6	1 M	3 M	831.436	-28.40	-8.5	Pass
-6	-5	30 k	100 k	832.476	-40.54	-16.5	Pass
5	6	30 k	100 k	842.505	-37.57	-16.5	Pass
6	10	1 M	3 M	843.796	-27.96	-8.5	Pass
10	15	1 M	3 M	847.505	-34.41	-11.5	Pass
15	20	1 M	3 M	852.530	-46.84	-23.5	Pass

Band19_10MHz_16QAM_HCH_840MHz_RB_12_0_NTNV



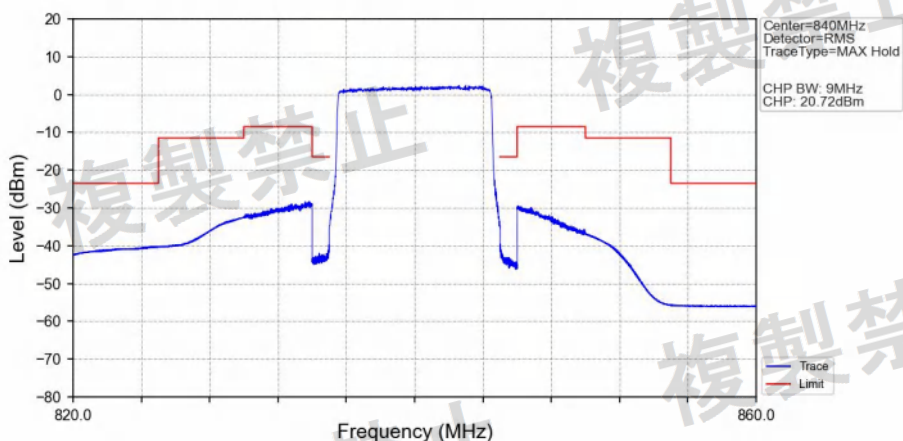
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-20	-15	1 M	3 M	822.985	-40.17	-23.5	Pass
-15	-10	1 M	3 M	830.000	-40.65	-11.5	Pass
-10	-6	1 M	3 M	833.992	-26.33	-8.5	Pass
-6	-5	30 k	100 k	834.998	-32.60	-16.5	Pass
5	6	30 k	100 k	845.002	-47.73	-16.5	Pass
6	10	1 M	3 M	849.968	-35.20	-8.5	Pass
10	15	1 M	3 M	850.275	-35.86	-11.5	Pass
15	20	1 M	3 M	855.640	-55.65	-23.5	Pass

Band19_10MHz_16QAM_HCH_840MHz_RB_12_38_NTNV



Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-20	-15	1 M	3 M	824.895	-53.73	-23.5	Pass
-15	-10	1 M	3 M	829.760	-33.77	-11.5	Pass
-10	-6	1 M	3 M	830.036	-33.51	-8.5	Pass
-6	-5	30 k	100 k	834.999	-48.09	-16.5	Pass
5	6	30 k	100 k	845.002	-33.78	-16.5	Pass
6	10	1 M	3 M	846.020	-28.07	-8.5	Pass
10	15	1 M	3 M	850.000	-44.15	-11.5	Pass
15	20	1 M	3 M	855.880	-55.52	-23.5	Pass

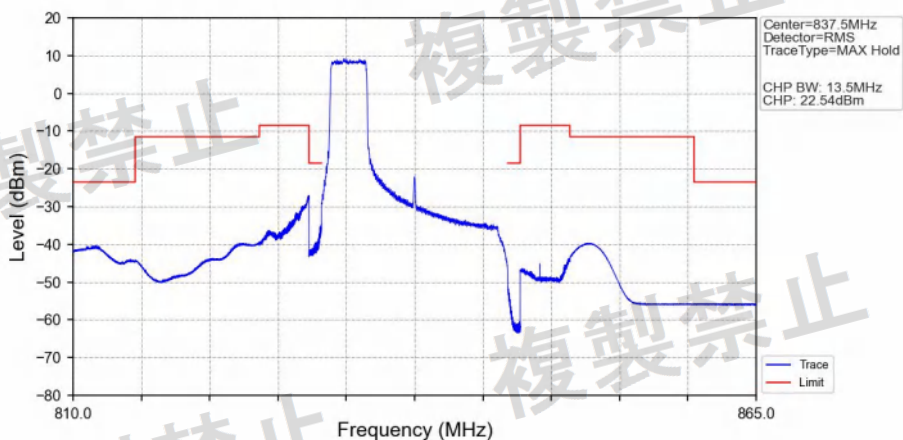
Band19_10MHz_16QAM_HCH_840MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-20	-15	1 M	3 M	824.800	-40.14	-23.5	Pass
-15	-10	1 M	3 M	829.990	-32.48	-11.5	Pass
-10	-6	1 M	3 M	833.828	-28.25	-8.5	Pass
-6	-5	30 k	100 k	834.996	-39.71	-16.5	Pass
5	6	30 k	100 k	845.008	-39.57	-16.5	Pass
6	10	1 M	3 M	846.072	-29.42	-8.5	Pass
10	15	1 M	3 M	850.020	-36.74	-11.5	Pass
15	20	1 M	3 M	855.035	-55.52	-23.5	Pass

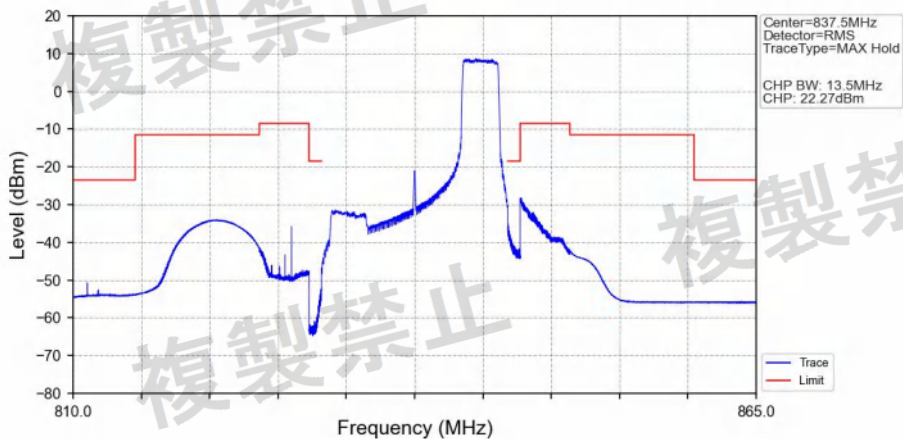
5.2.3 B19_15MHz

Band19_15MHz_QPSK_MCH_837.5MHz_RB_16_0_NTNV



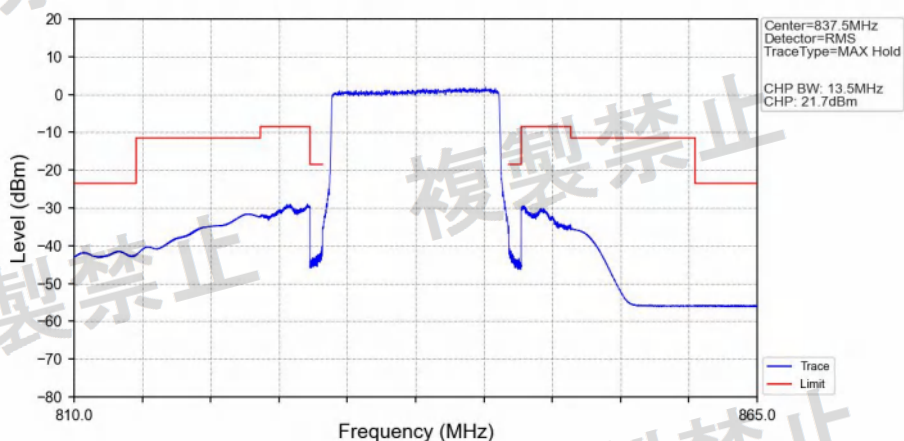
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-27.5	-22.5	1 M	3 M	811.875	-40.39	-23.5	Pass
-22.5	-12.5	1 M	3 M	824.950	-39.45	-11.5	Pass
-12.5	-8.5	1 M	3 M	828.992	-27.02	-8.5	Pass
-8.5	-7.5	30 k	100 k	829.995	-34.46	-18.5	Pass
7.5	8.5	30 k	100 k	845.000	-50.95	-18.5	Pass
8.5	12.5	1 M	3 M	849.904	-43.71	-8.5	Pass
12.5	22.5	1 M	3 M	851.450	-39.68	-11.5	Pass
22.5	27.5	1 M	3 M	864.690	-55.62	-23.5	Pass

Band19_15MHz_QPSK_MCH_837.5MHz_RB_16_59_NTNV



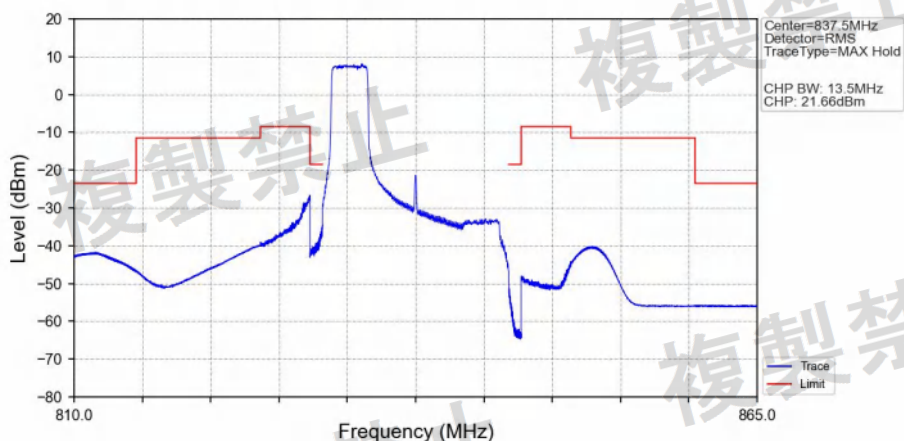
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-27.5	-22.5	1 M	3 M	811.150	-50.70	-23.5	Pass
-22.5	-12.5	1 M	3 M	821.560	-34.03	-11.5	Pass
-12.5	-8.5	1 M	3 M	827.588	-35.78	-8.5	Pass
-8.5	-7.5	30 k	100 k	829.999	-52.01	-18.5	Pass
7.5	8.5	30 k	100 k	845.014	-35.12	-18.5	Pass
8.5	12.5	1 M	3 M	846.072	-28.23	-8.5	Pass
12.5	22.5	1 M	3 M	850.020	-42.25	-11.5	Pass
22.5	27.5	1 M	3 M	863.785	-55.59	-23.5	Pass

Band19_15MHz_QPSK_MCH_837.5MHz_RB_75_0_NTNV



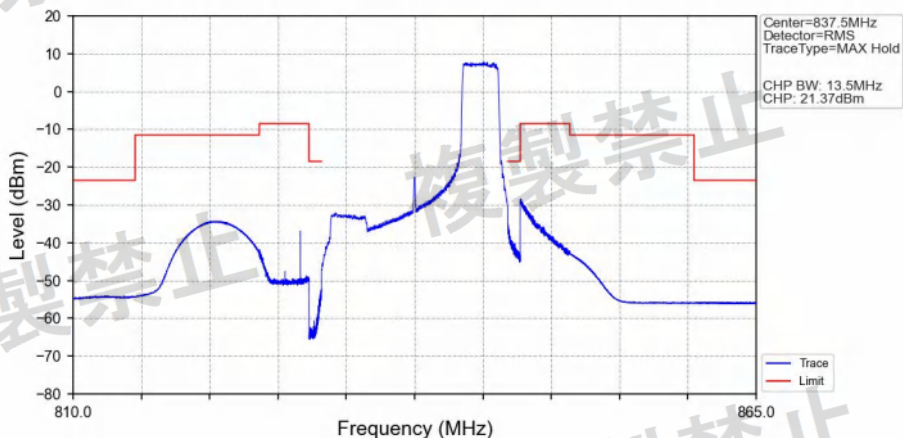
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-27.5	-22.5	1 M	3 M	813.540	-41.46	-23.5	Pass
-22.5	-12.5	1 M	3 M	824.070	-31.56	-11.5	Pass
-12.5	-8.5	1 M	3 M	828.756	-28.96	-8.5	Pass
-8.5	-7.5	30 k	100 k	829.984	-40.01	-18.5	Pass
-7.5	8.5	30 k	100 k	845.000	-40.04	-18.5	Pass
8.5	12.5	1 M	3 M	846.144	-29.45	-8.5	Pass
12.5	22.5	1 M	3 M	850.000	-35.35	-11.5	Pass
22.5	27.5	1 M	3 M	860.595	-55.66	-23.5	Pass

Band19_15MHz_16QAM_MCH_837.5MHz_RB_16_0_NTNV



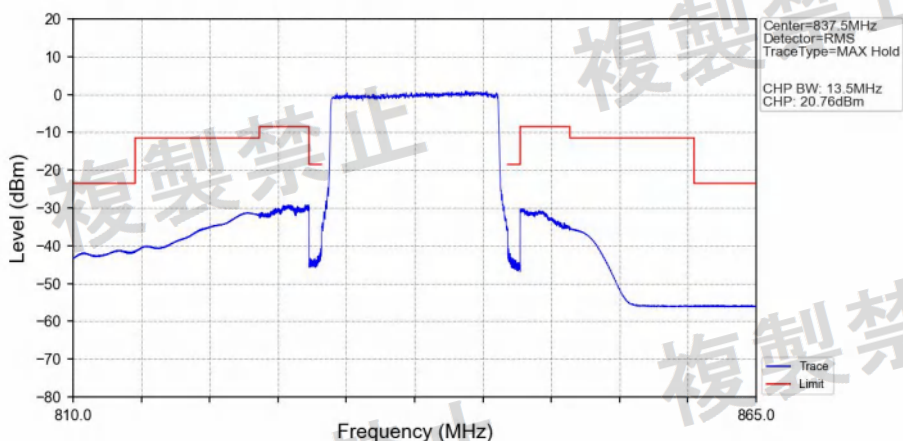
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-27.5	-22.5	1 M	3 M	811.720	-41.70	-23.5	Pass
-22.5	-12.5	1 M	3 M	824.980	-39.81	-11.5	Pass
-12.5	-8.5	1 M	3 M	828.984	-26.63	-8.5	Pass
-8.5	-7.5	30 k	100 k	829.997	-34.37	-18.5	Pass
-7.5	8.5	30 k	100 k	845.022	-51.11	-18.5	Pass
8.5	12.5	1 M	3 M	849.992	-44.18	-8.5	Pass
12.5	22.5	1 M	3 M	851.690	-40.17	-11.5	Pass
22.5	27.5	1 M	3 M	860.385	-55.68	-23.5	Pass

Band19_15MHz_16QAM_MCH_837.5MHz_RB_16_59_NTNV



Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-27.5	-22.5	1 M	3 M	812.555	-54.03	-23.5	Pass
-22.5	-12.5	1 M	3 M	821.770	-34.27	-11.5	Pass
-12.5	-8.5	1 M	3 M	828.304	-36.88	-8.5	Pass
-8.5	-7.5	30 k	100 k	829.989	-52.19	-18.5	Pass
-7.5	8.5	30 k	100 k	845.013	-35.14	-18.5	Pass
8.5	12.5	1 M	3 M	846.064	-28.41	-8.5	Pass
12.5	22.5	1 M	3 M	850.000	-42.71	-11.5	Pass
22.5	27.5	1 M	3 M	861.150	-55.69	-23.5	Pass

Band19_15MHz_16QAM_MCH_837.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-27.5	-22.5	1 M	3 M	813.745	-41.20	-23.5	Pass
-22.5	-12.5	1 M	3 M	823.990	-31.25	-11.5	Pass
-12.5	-8.5	1 M	3 M	828.704	-29.20	-8.5	Pass
-8.5	-7.5	30 k	100 k	829.998	-40.24	-18.5	Pass
-7.5	8.5	30 k	100 k	845.000	-40.59	-18.5	Pass
8.5	12.5	1 M	3 M	846.192	-30.17	-8.5	Pass
12.5	22.5	1 M	3 M	850.010	-35.42	-11.5	Pass
22.5	27.5	1 M	3 M	860.820	-55.72	-23.5	Pass

6. Tolerance of Unwanted Emission Intensity

6.1 Test Result

6.1.1 B19_5MHz

Band: 19 / Bandwidth: 5MHz										
Bandwidth (MHz)	Channel Number	24025		24075		24125		Unit	Limit	Result
	Frequency Center (MHz)	832.5		837.5		842.5				
	Measured Value	Freq. (MHz)	Level	Freq. (MHz)	Level	Freq. (MHz)	Level			
5	0.009MHz ~ 0.15MHz	0.116	-53.22	0.059	-55.89	0.011	-60.94	dBm/kHz	<=-36	Pass
	0.15MHz ~ 30MHz	0.180	-49.91	0.150	-50.59	0.150	-53.73	dBm/10kHz	<=-36	Pass
	30MHz ~ 1000MHz	819.200	-50.68	822.750	-51.46	829.950	-50.25	dBm/100kHz	<=-36	Pass
	470MHz ~ 710MHz	531.650	-65.28	586.000	-64.97	511.500	-65.16	dBm/100kHz	<=-36	Pass
	770MHz ~ 773MHz	772.937	-77.13	772.826	-76.62	770.840	-76.82	dBm/100kHz	<=-36	Pass
	773MHz ~ 803MHz	773.750	-77.27	800.570	-76.28	783.290	-76.10	dBm/100kHz	<=-36	Pass
	860MHz ~ 890MHz	876.980	-63.30	880.970	-65.11	888.920	-63.28	dBm/MHz	<=-40	Pass
	945MHz ~ 960MHz	959.430	-78.10	948.585	-76.80	948.600	-77.05	dBm/100kHz	<=-36	Pass
	1000MHz ~ 12750MHz	2504.000	-31.08	2512.500	-31.47	2527.500	-33.05	dBm/MHz	<=-30	Pass
	1475.9MHz ~ 1496.7MHz	1483.367	-70.98	1495.598	-70.38	1480.954	-70.65	dBm/MHz	<=-50	Pass
	1496.7MHz ~ 1510.9MHz	1506.839	-70.57	1509.693	-70.41	1505.774	-70.62	dBm/MHz	<=-50	Pass
	1805MHz ~ 1845MHz	1845.000	-69.18	1836.560	-69.15	1843.920	-68.78	dBm/MHz	<=-30	Pass
	1845MHz ~ 1880MHz	1872.895	-69.07	1879.615	-68.70	1876.185	-68.49	dBm/MHz	<=-50	Pass
	1910MHz ~ 1915.7MHz	1910.251	-68.81	1910.889	-69.48	1915.495	-68.20	dBm/MHz	<=-30	Pass
	2010MHz ~ 2025MHz	2024.415	-68.98	2021.925	-66.91	2023.845	-66.99	dBm/MHz	<=-50	Pass
	2110MHz ~ 2144.4MHz	2143.093	-68.50	2138.174	-66.38	2140.203	-66.44	dBm/MHz	<=-50	Pass
	2114.4MHz ~ 2170MHz	2132.470	-66.31	2150.762	-66.37	2151.930	-66.52	dBm/MHz	<=-50	Pass
	2330MHz ~ 2370MHz	2339.880	-67.76	2336.000	-67.83	2333.760	-68.64	dBm/MHz	<=-30	Pass
	3400MHz ~ 3419.3MHz	3400.946	-68.97	3400.849	-71.23	3407.759	-70.43	dBm/MHz	<=-30	Pass
	3419.3MHz ~ 3500.7MHz	3452.755	-70.61	3442.987	-70.46	3441.766	-70.48	dBm/MHz	<=-30	Pass
	3500.7MHz ~ 3574.7MHz	3502.180	-67.33	3574.182	-71.17	3574.626	-71.14	dBm/MHz	<=-30	Pass
	3574.7MHz ~ 3590.3MHz	3586.072	-70.69	3584.310	-71.36	3589.598	-70.94	dBm/MHz	<=-30	Pass
	3590.3MHz ~ 3600MHz	3597.691	-70.61	3594.626	-70.64	3598.380	-70.79	dBm/MHz	<=-30	Pass
	3600MHz ~ 4100MHz	3843.000	-74.67	3837.500	-74.70	3860.000	-74.77	dBm/MHz	<=-30	Pass
	4500MHz ~ 4900MHz	4822.800	-74.10	4797.200	-74.06	4801.600	-74.14	dBm/MHz	<=-30	Pass

6.1.2 B19_10MHz

Band: 19 / Bandwidth: 10MHz										
Bandwidth (MHz)	Channel Number	24050		24075		24100		Unit	Limit	Result
	Frequency Center (MHz)	835		837.5		840				
	Measured Value	Freq. (MHz)	Level	Freq. (MHz)	Level	Freq. (MHz)	Level			
10	0.009MHz ~ 0.15MHz	0.091	-52.29	0.060	-53.76	0.063	-56.04	dBm/kHz	<=-36	Pass
	0.15MHz ~ 30MHz	0.150	-48.64	0.180	-50.80	0.165	-53.24	dBm/10kHz	<=-36	Pass
	30MHz ~ 1000MHz	812.900	-36.43	815.400	-36.14	818.000	-36.92	dBm/100kHz	<=-36	Pass
	470MHz ~ 710MHz	691.650	-64.71	530.300	-64.64	491.500	-64.85	dBm/100kHz	<=-36	Pass
	770MHz ~ 773MHz	772.433	-75.36	770.132	-75.95	771.902	-76.46	dBm/100kHz	<=-36	Pass

773MHz ~ 803MHz	774.080	-75.21	785.720	-75.65	777.200	-75.99	dBm/100kHz	<=-36	Pass
860MHz ~ 890MHz	877.100	-62.46	878.870	-62.70	888.260	-63.16	dBm/MHz	<=-40	Pass
945MHz ~ 960MHz	948.645	-75.40	948.570	-76.26	948.615	-76.21	dBm/100kHz	<=-36	Pass
1000MHz ~ 12750MHz	2505.500	-34.94	2513.500	-34.60	2521.000	-35.99	dBm/MHz	<=-30	Pass
1475.9MHz ~ 1496.7MHz	1475.983	-69.43	1478.271	-69.71	1496.388	-69.83	dBm/MHz	<=-50	Pass
1496.7MHz ~ 1510.9MHz	1497.907	-69.26	1508.159	-69.73	1502.863	-69.90	dBm/MHz	<=-50	Pass
1805MHz ~ 1845MHz	1833.120	-67.91	1839.120	-68.28	1840.440	-68.45	dBm/MHz	<=-30	Pass
1845MHz ~ 1880MHz	1879.265	-67.55	1872.370	-68.12	1868.555	-68.25	dBm/MHz	<=-50	Pass
1906.6MHz ~ 1915.7MHz	1910.768	-67.24	1908.984	-67.69	1914.390	-67.99	dBm/MHz	<=-30	Pass
2010MHz ~ 2025MHz	2015.205	-66.22	2024.760	-66.57	2024.400	-66.86	dBm/MHz	<=-50	Pass
2110MHz ~ 2144.4MHz	2129.195	-65.54	2140.616	-65.81	2140.513	-66.26	dBm/MHz	<=-50	Pass
2114.4MHz ~ 2170MHz	2133.526	-65.54	2127.522	-65.94	2145.147	-66.25	dBm/MHz	<=-50	Pass
2330MHz ~ 2370MHz	2342.440	-67.03	2343.800	-67.45	2335.800	-67.68	dBm/MHz	<=-30	Pass
3400MHz ~ 3419.3MHz	3411.484	-70.89	3403.744	-71.05	3416.058	-71.19	dBm/MHz	<=-30	Pass
3419.3MHz ~ 3500.7MHz	3461.058	-70.19	3455.767	-70.26	3451.372	-70.25	dBm/MHz	<=-30	Pass
3500.7MHz ~ 3574.7MHz	3569.594	-70.79	3566.338	-70.97	3570.704	-71.08	dBm/MHz	<=-30	Pass
3574.7MHz ~ 3590.3MHz	3586.884	-70.57	3590.160	-70.73	3590.300	-70.86	dBm/MHz	<=-30	Pass
3590.3MHz ~ 3600MHz	3596.256	-70.38	3594.520	-70.46	3599.884	-70.62	dBm/MHz	<=-30	Pass
3600MHz ~ 4100MHz	3843.000	-74.38	3873.000	-74.42	3869.000	-74.37	dBm/MHz	<=-30	Pass
4500MHz ~ 4900MHz	4806.800	-74.11	4806.400	-74.13	4816.000	-74.02	dBm/MHz	<=-30	Pass

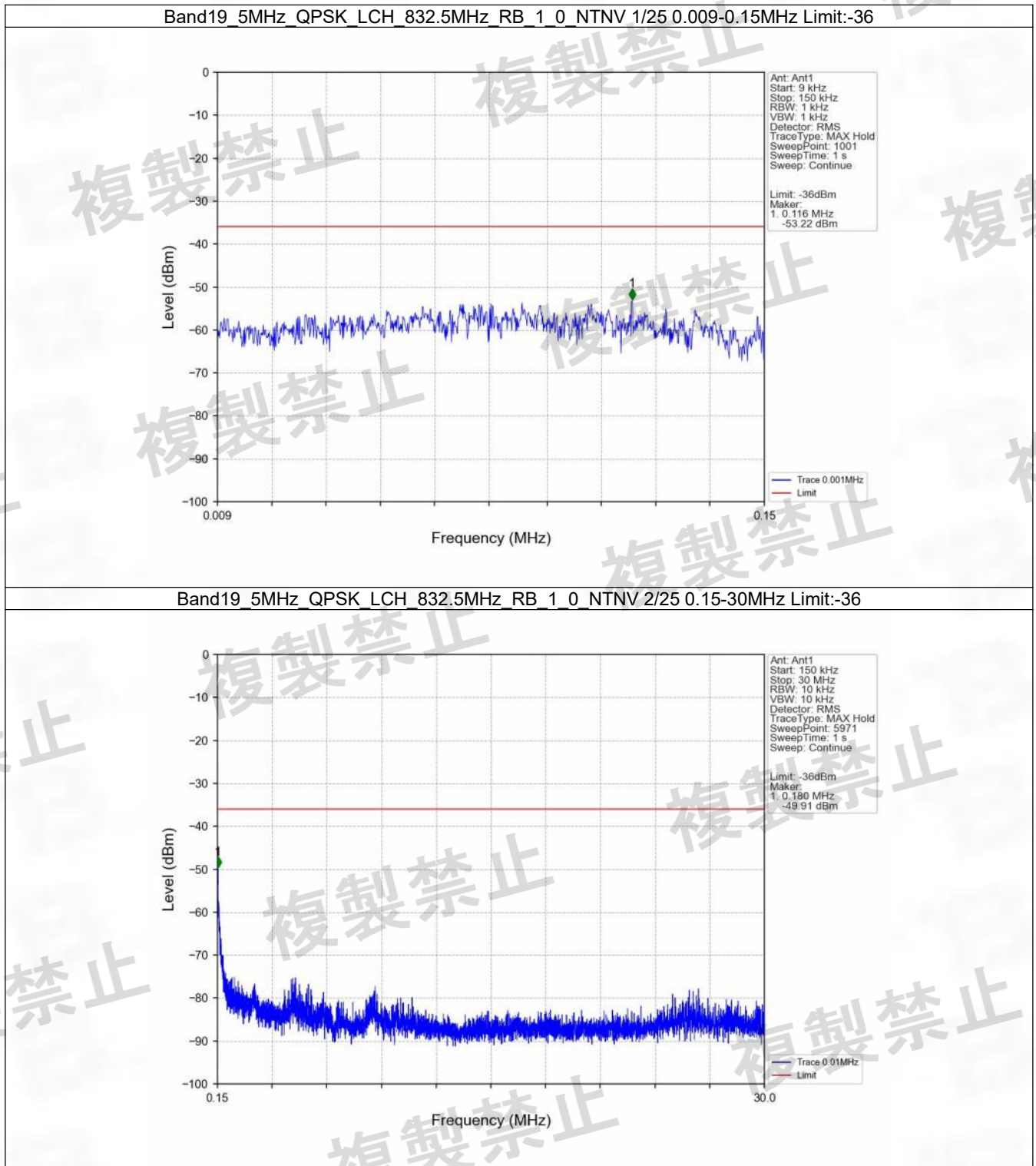
6.1.3 B19_15MHz

Band: 19 / Bandwidth: 15MHz										
Bandwidth (MHz)	Channel Number	24075						Unit	Limit	Result
	Frequency Center (MHz)	837.5								
	Measured Value	Freq. (MHz)	Level	Freq. (MHz)	Level	Freq. (MHz)	Level			
15	0.009MHz ~ 0.15MHz	/	/	0.091	-52.51	/	/	dBm/kHz	<=-36	Pass
	0.15MHz ~ 30MHz	/	/	0.150	-48.91	/	/	dBm/10kHz	<=-36	Pass
	30MHz ~ 1000MHz	/	/	809.950	-48.93	/	/	dBm/100kHz	<=-36	Pass
	470MHz ~ 710MHz	/	/	565.150	-64.76	/	/	dBm/100kHz	<=-36	Pass
	770MHz ~ 773MHz	/	/	772.493	-75.60	/	/	dBm/100kHz	<=-36	Pass
	773MHz ~ 803MHz	/	/	776.180	-75.37	/	/	dBm/100kHz	<=-36	Pass
	860MHz ~ 890MHz	/	/	877.850	-62.65	/	/	dBm/MHz	<=-40	Pass
	945MHz ~ 960MHz	/	/	948.585	-75.77	/	/	dBm/100kHz	<=-36	Pass
	1000MHz ~ 12750MHz	/	/	2512.500	-34.76	/	/	dBm/MHz	<=-30	Pass
	1475.9MHz ~ 1496.7MHz	/	/	1496.014	-69.38	/	/	dBm/MHz	<=-50	Pass
	1496.7MHz ~ 1510.9MHz	/	/	1501.003	-69.49	/	/	dBm/MHz	<=-50	Pass
	1805MHz ~ 1845MHz	/	/	1843.880	-67.99	/	/	dBm/MHz	<=-30	Pass
	1845MHz ~ 1880MHz	/	/	1867.925	-67.59	/	/	dBm/MHz	<=-50	Pass
	1906.6MHz ~ 1915.7MHz	/	/	1914.799	-67.47	/	/	dBm/MHz	<=-30	Pass
	2010MHz ~ 2025MHz	/	/	2017.695	-66.32	/	/	dBm/MHz	<=-50	Pass
	2110MHz ~ 2144.4MHz	/	/	2140.788	-65.69	/	/	dBm/MHz	<=-50	Pass
	2114.4MHz ~ 2170MHz	/	/	2152.820	-65.71	/	/	dBm/MHz	<=-50	Pass
	2330MHz ~ 2370MHz	/	/	2334.440	-67.23	/	/	dBm/MHz	<=-30	Pass
	3400MHz ~ 3419.3MHz	/	/	3417.293	-70.92	/	/	dBm/MHz	<=-30	Pass
	3419.3MHz ~ 3500.7MHz	/	/	3434.033	-70.21	/	/	dBm/MHz	<=-30	Pass

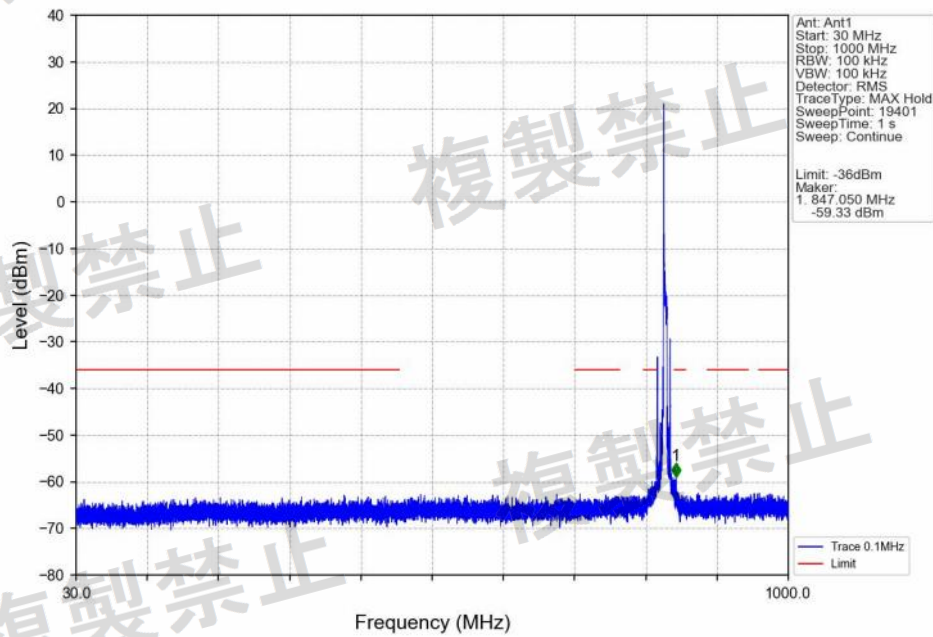
3500.7MHz ~ 3574.7MHz	/	/	3574.108	-70.76	/	/	dBm/MHz	<=-30	Pass
3574.7MHz ~ 3590.3MHz	/	/	3589.317	-70.65	/	/	dBm/MHz	<=-30	Pass
3590.3MHz ~ 3600MHz	/	/	3599.961	-70.46	/	/	dBm/MHz	<=-30	Pass
3600MHz ~ 4100MHz	/	/	3866.500	-74.21	/	/	dBm/MHz	<=-30	Pass
4500MHz ~ 4900MHz	/	/	4826.400	-74.12	/	/	dBm/MHz	<=-30	Pass

6.2 Test Graph

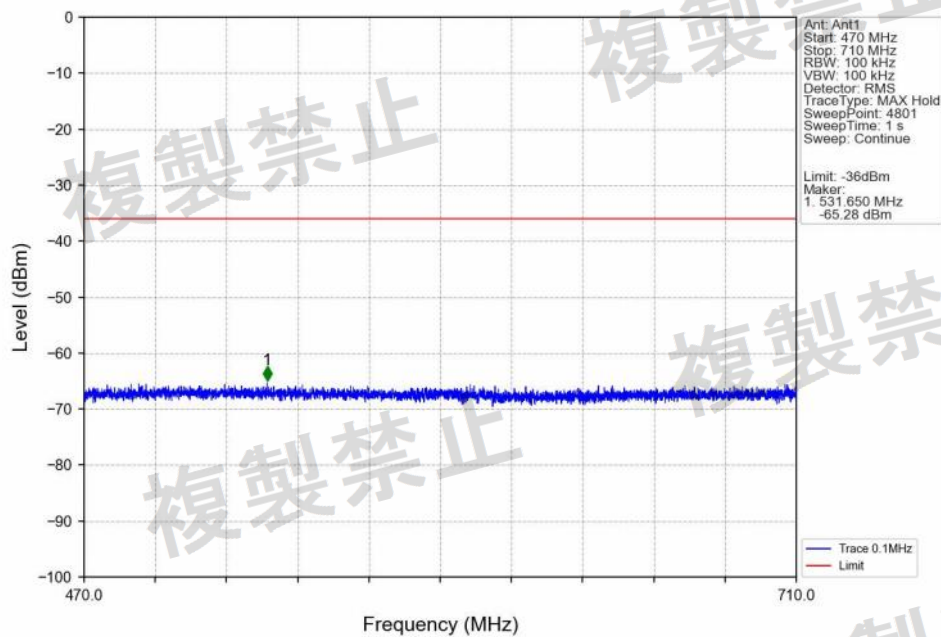
6.2.1 B19_5MHz



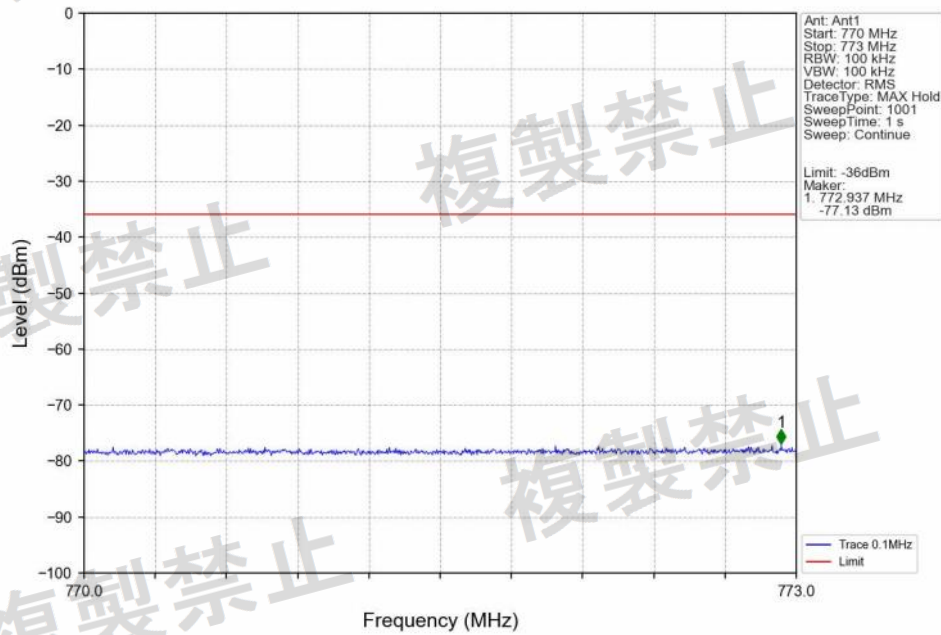
Band19_5MHz_QPSK_LCH_832.5MHz_RB_1_0_NTNV_3/25_30-1000MHz Limit:-36



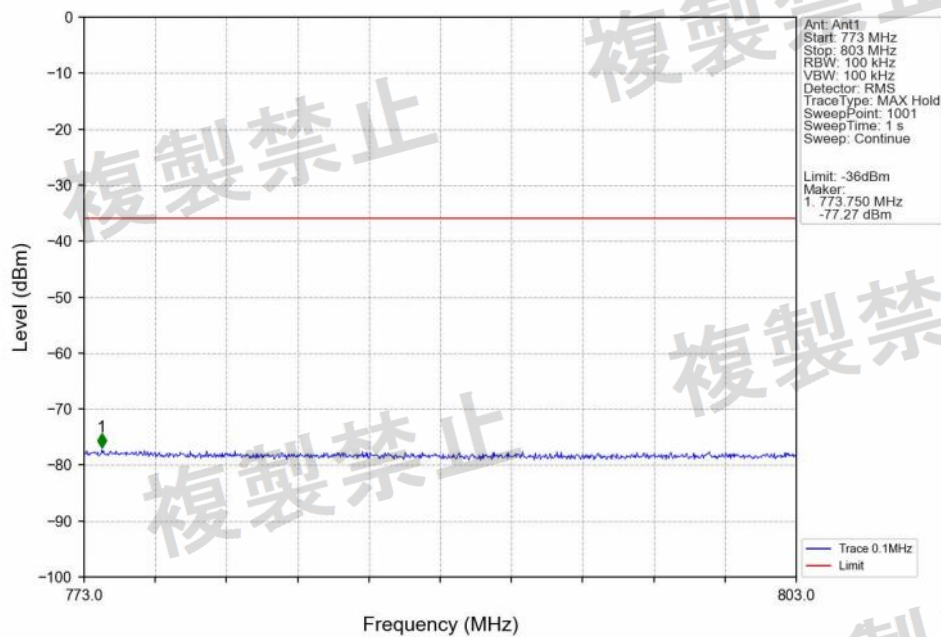
Band19_5MHz_QPSK_LCH_832.5MHz_RB_1_0_NTNV_8/25_470-710MHz Limit:-36



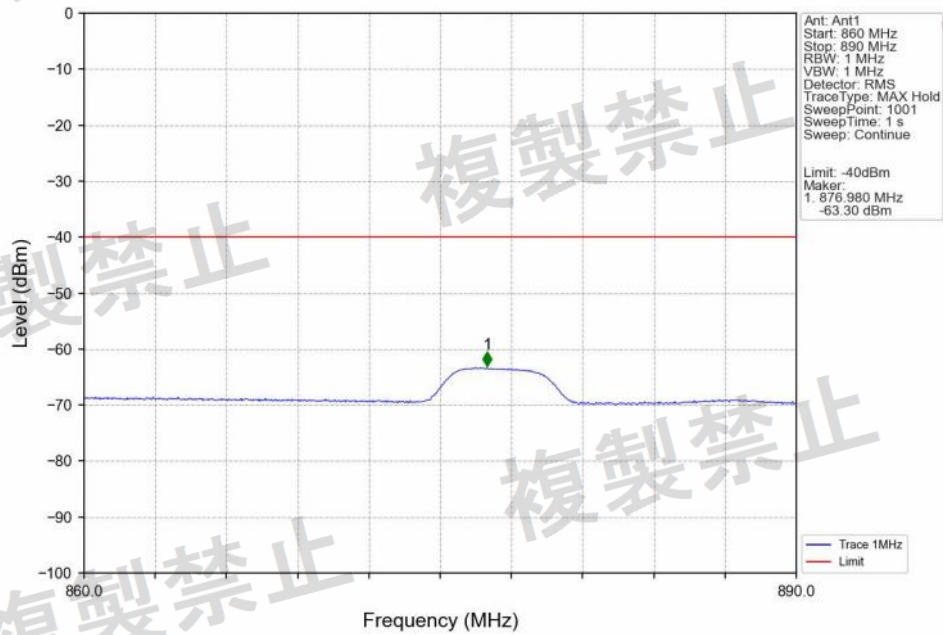
Band19_5MHz_QPSK_LCH_832.5MHz_RB_1_0_NTNV 9/25 770-773MHz Limit:-36



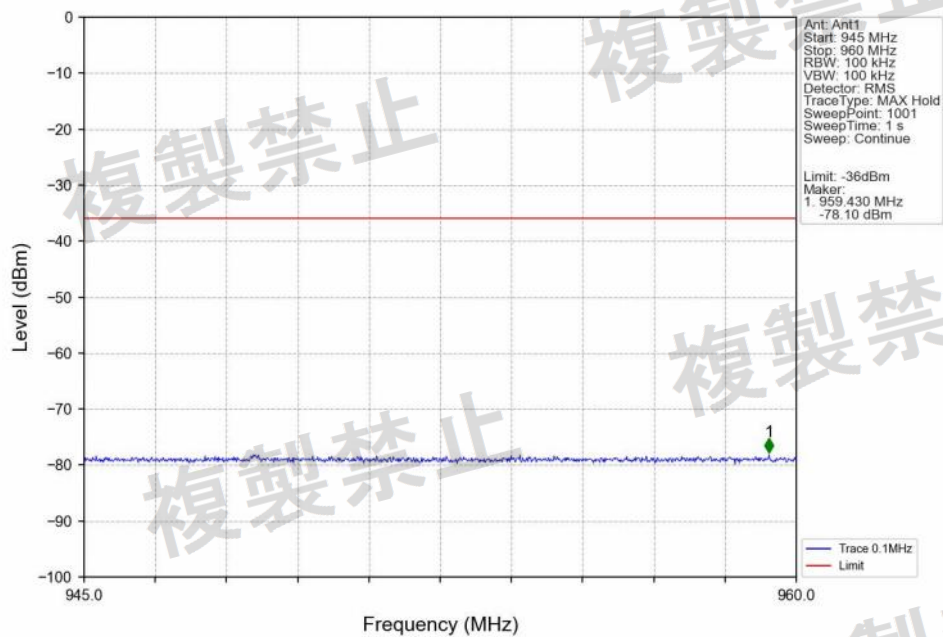
Band19_5MHz_QPSK_LCH_832.5MHz_RB_1_0_NTNV 10/25 773-803MHz Limit:-36



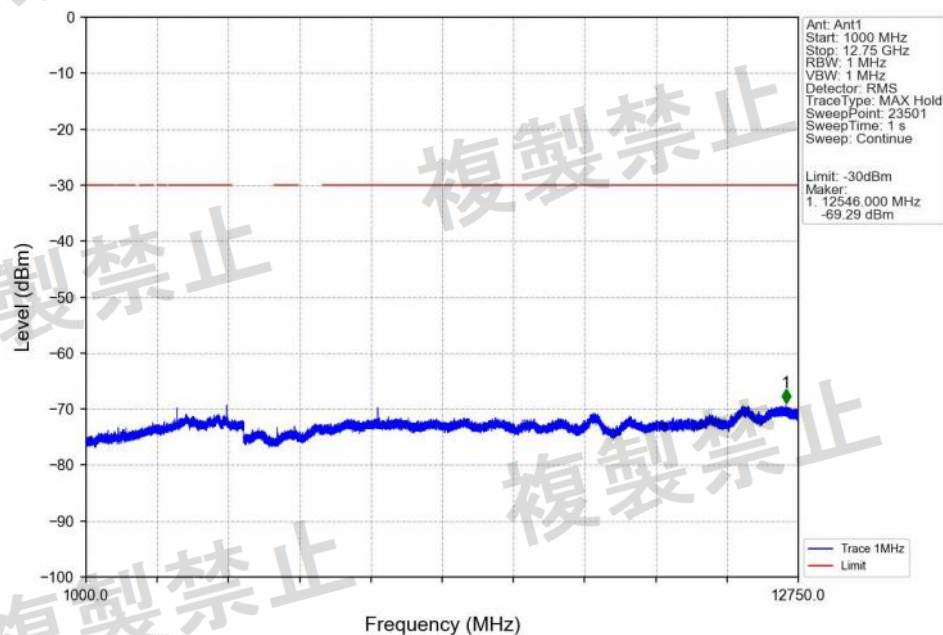
Band19_5MHz_QPSK_LCH_832.5MHz_RB_1_0_NTNV_11/25_860-890MHz_Limit:-40



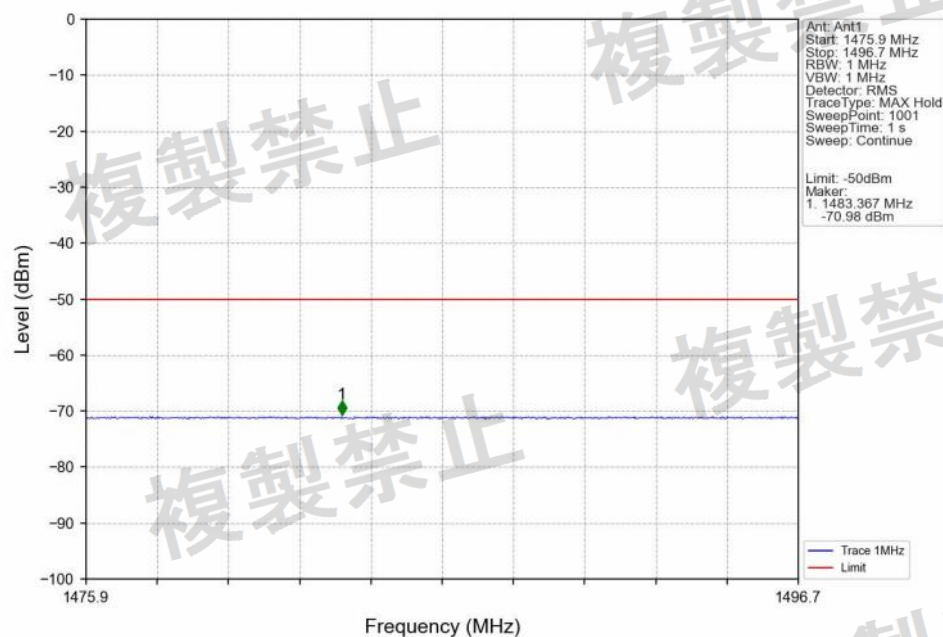
Band19_5MHz_QPSK_LCH_832.5MHz_RB_1_0_NTNV_12/25_945-960MHz_Limit:-36

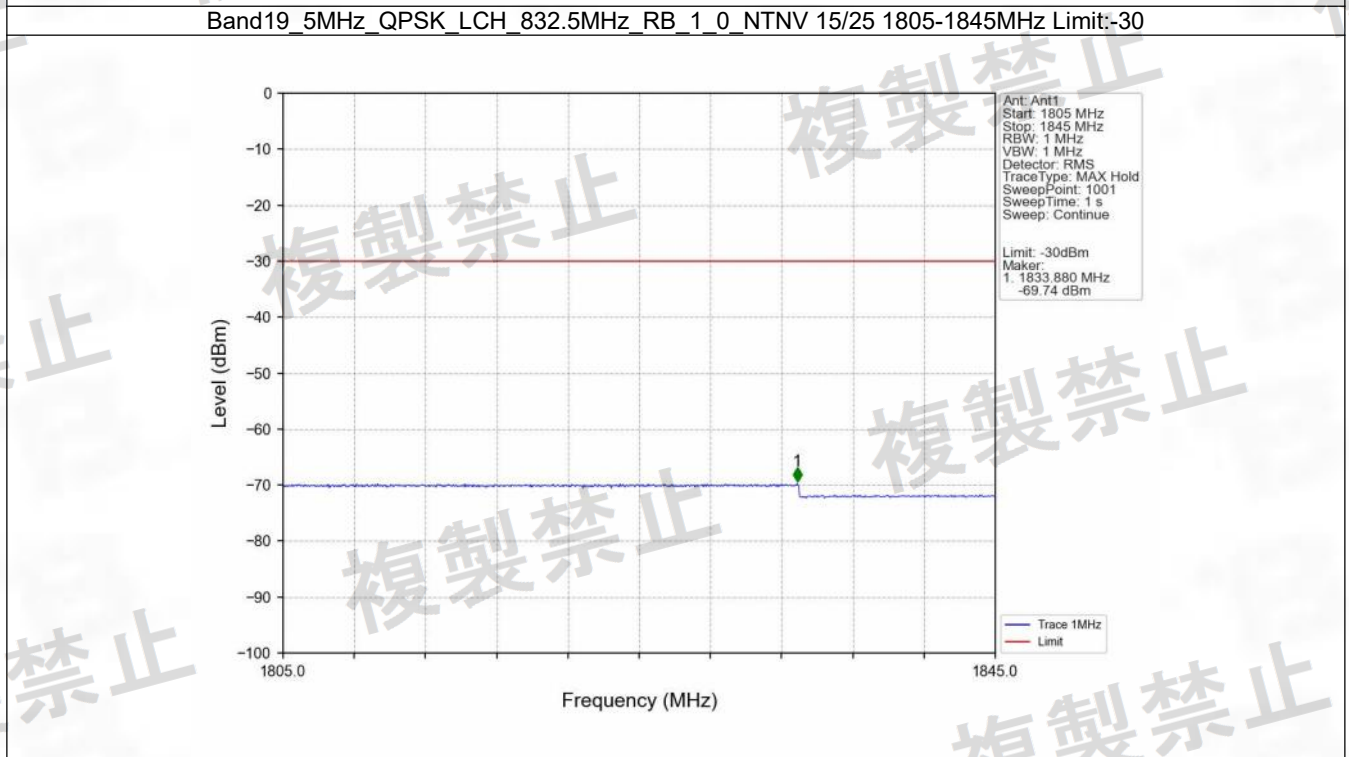
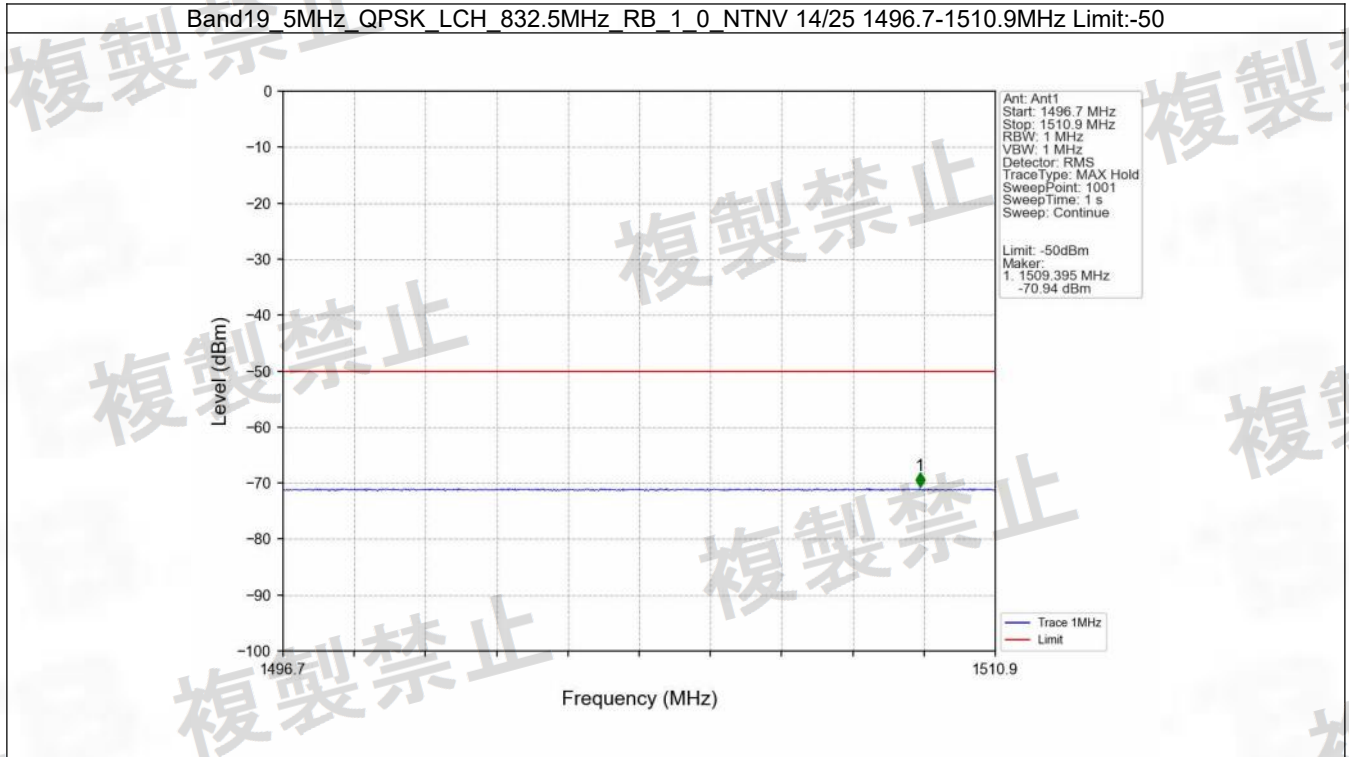


Band19 5MHz QPSK LCH 832.5MHz RB 1 0 NTN 4/25 1000-12750MHz Limit:-30

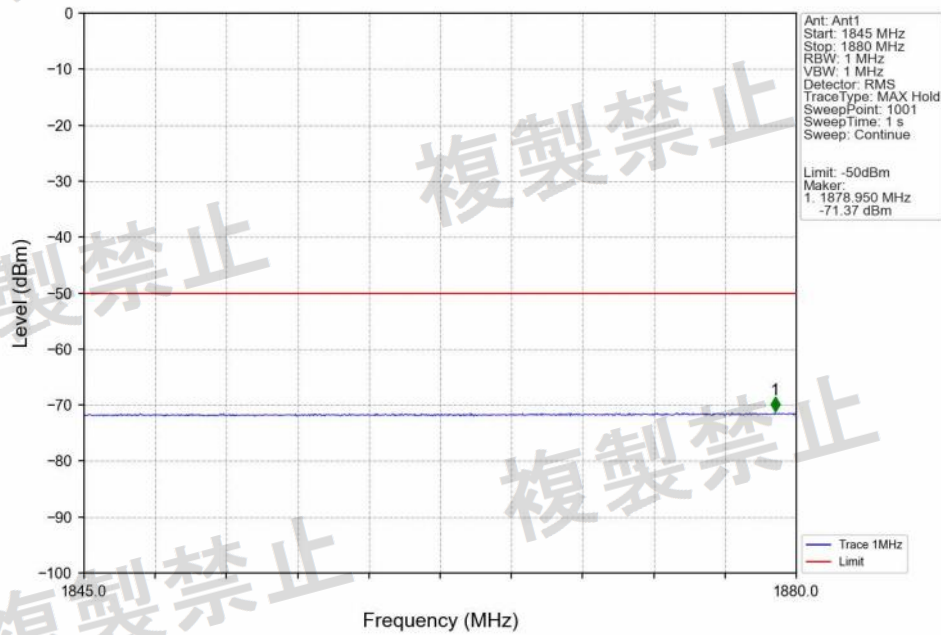


Band19 5MHz QPSK LCH 832.5MHz RB 1 0 NTN 13/25 1475.9-1496.7MHz Limit:-50

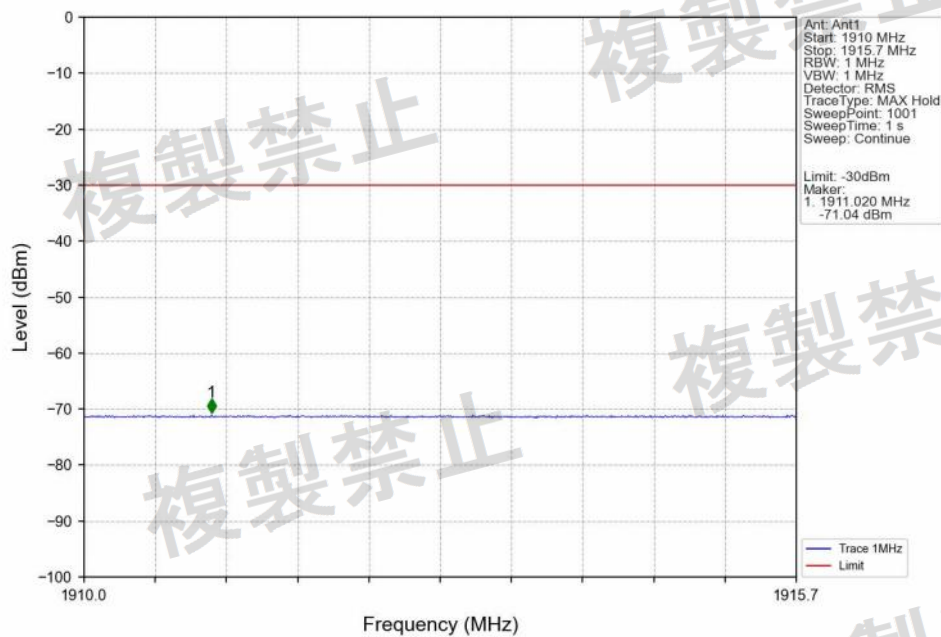




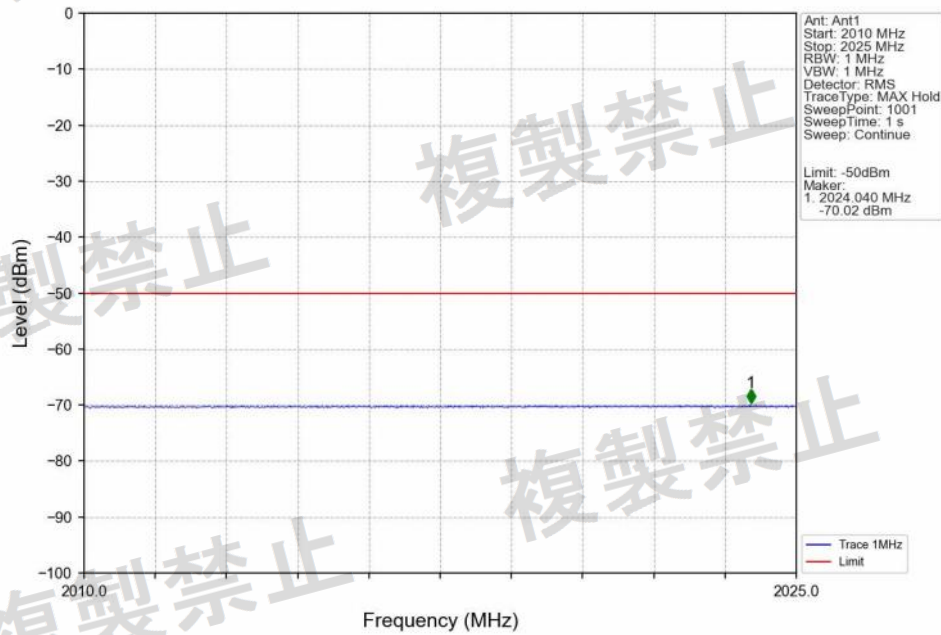
Band19_5MHz_QPSK_LCH_832.5MHz_RB_1_0_NTNV 5/25 1845-1880MHz Limit:-50



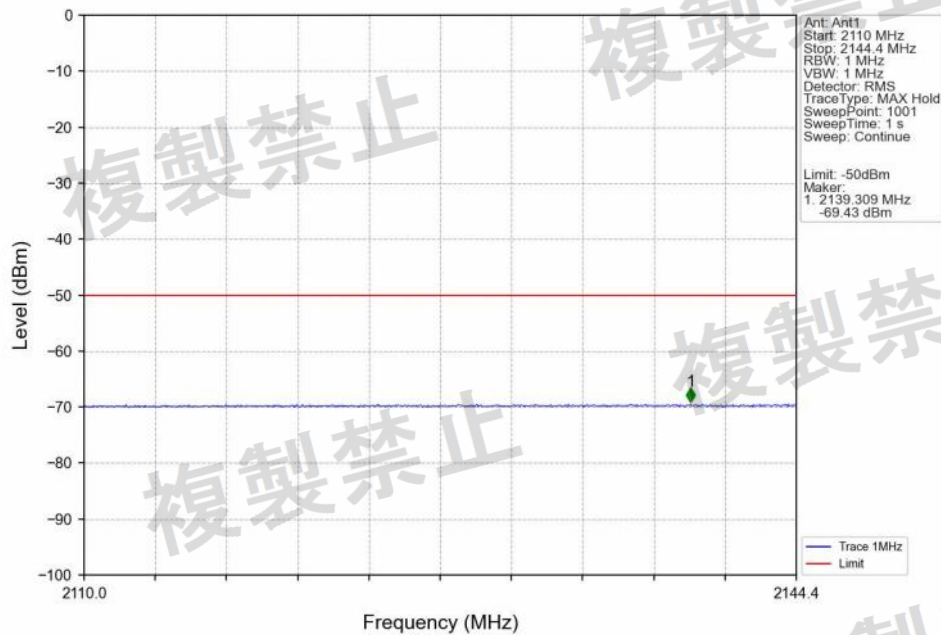
Band19_5MHz_QPSK_LCH_832.5MHz_RB_1_0_NTNV 16/25 1910-1915.7MHz Limit:-30



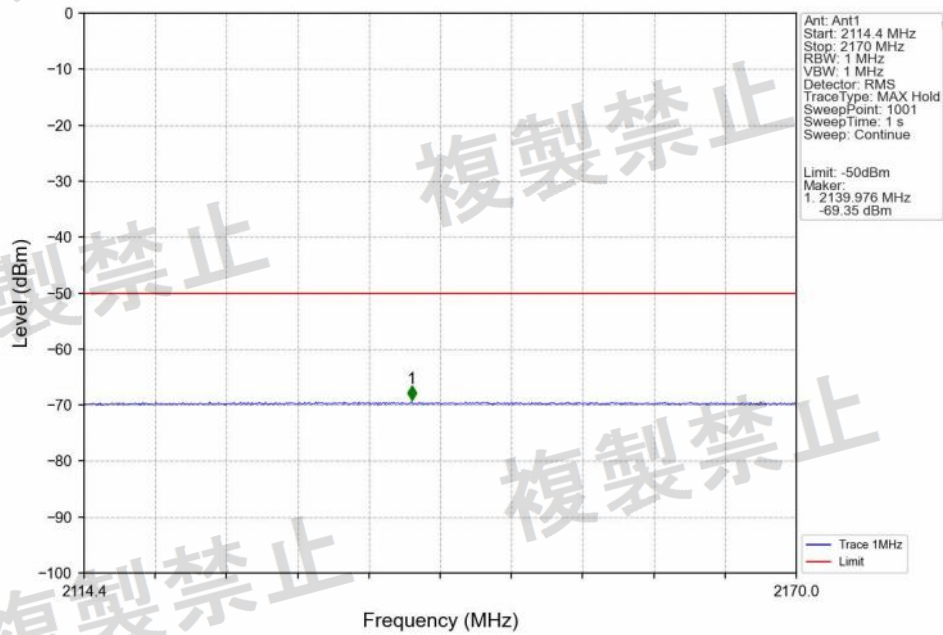
Band19 5MHz QPSK LCH 832.5MHz RB 1 0 NTN 6/25 2010-2025MHz Limit:-50



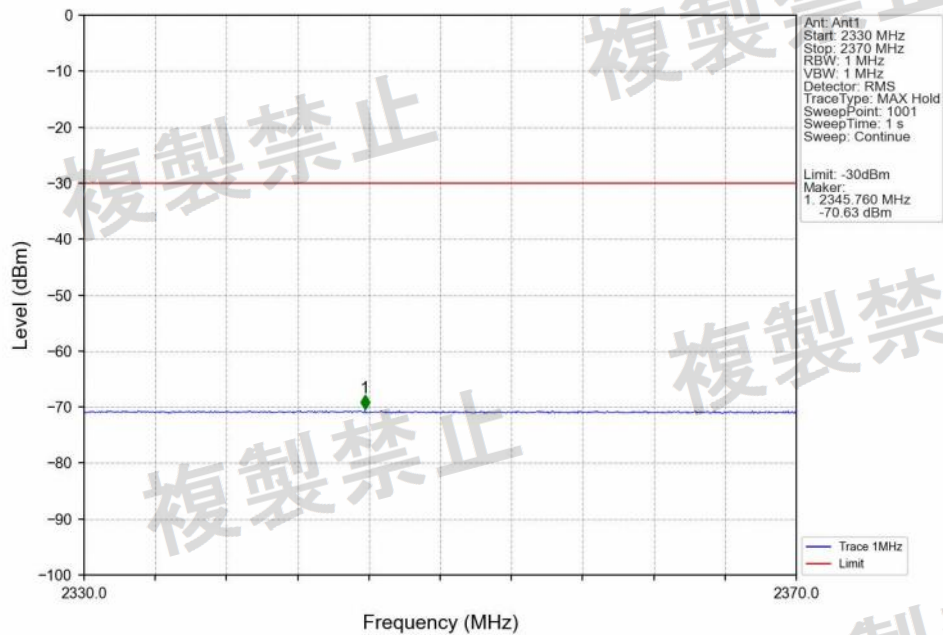
Band19 5MHz QPSK LCH 832.5MHz RB 1 0 NTN 7/25 2110-2144.4MHz Limit:-50



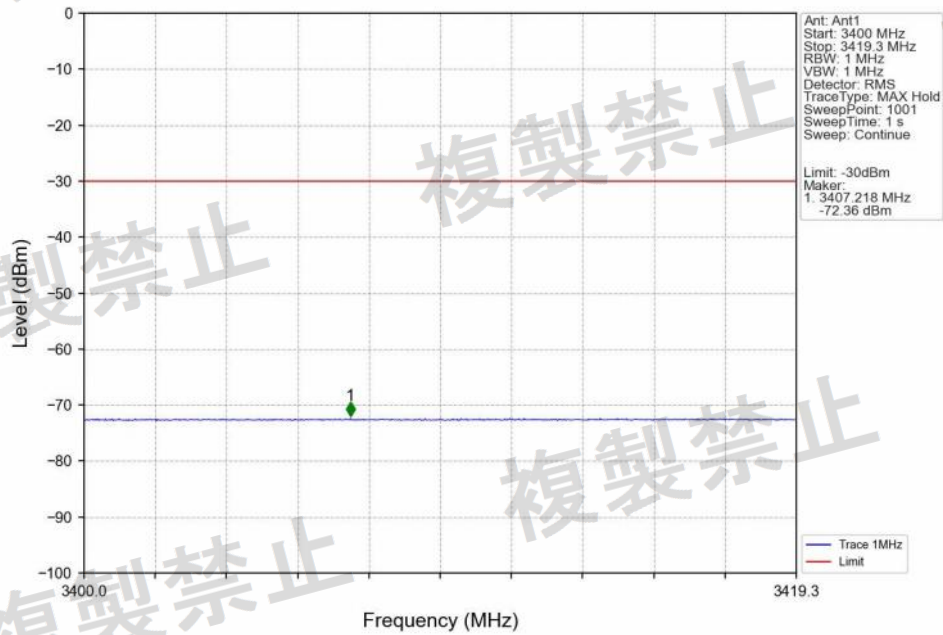
Band19_5MHz_QPSK_LCH_832.5MHz_RB_1_0_NTNV_17/25_2114.4-2170MHz Limit:-50



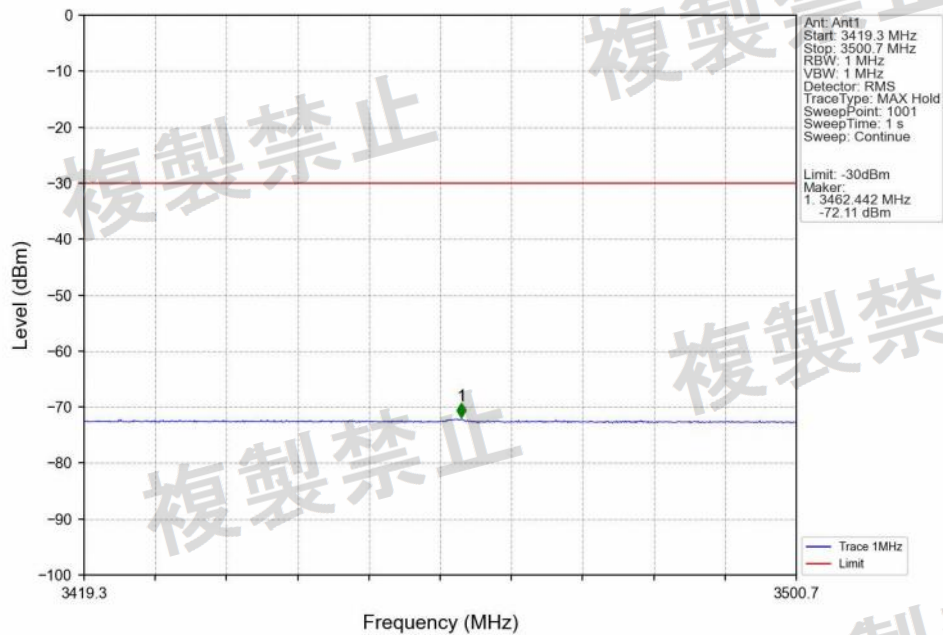
Band19_5MHz_QPSK_LCH_832.5MHz_RB_1_0_NTNV_18/25_2330-2370MHz Limit:-30



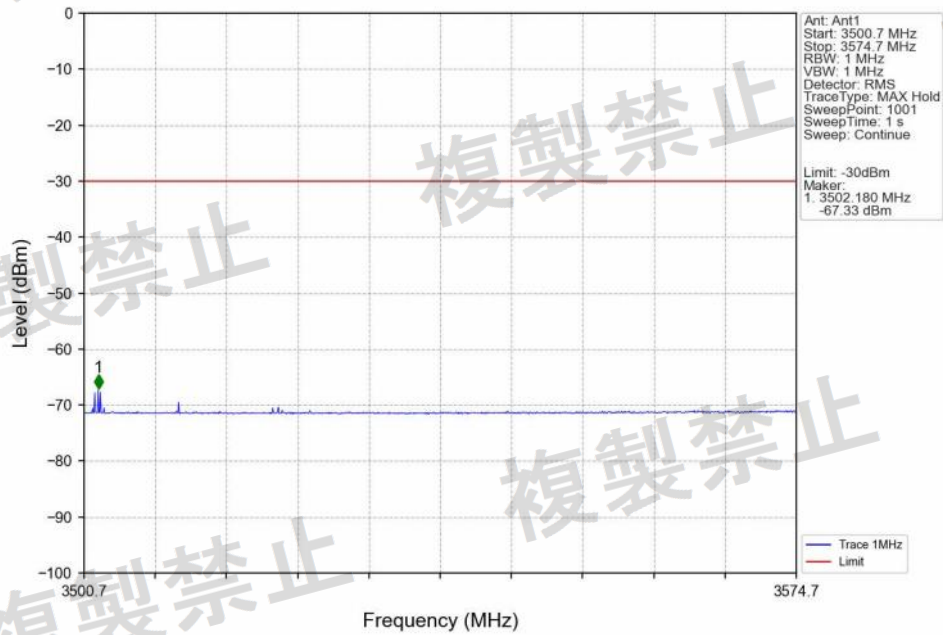
Band19_5MHz_QPSK_LCH_832.5MHz_RB_1_0_NTNV_19/25_3400-3419.3MHz_Limit:-30



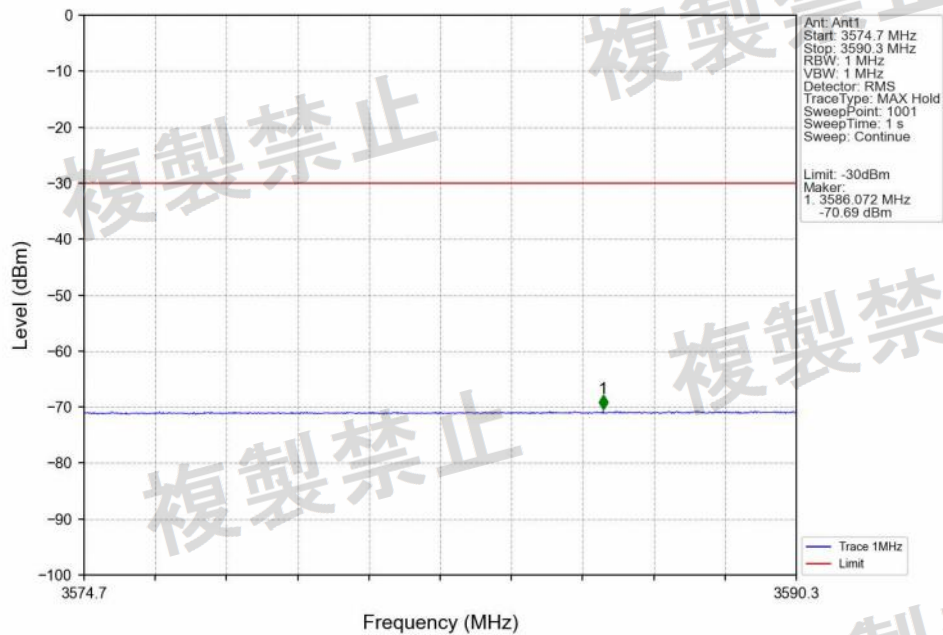
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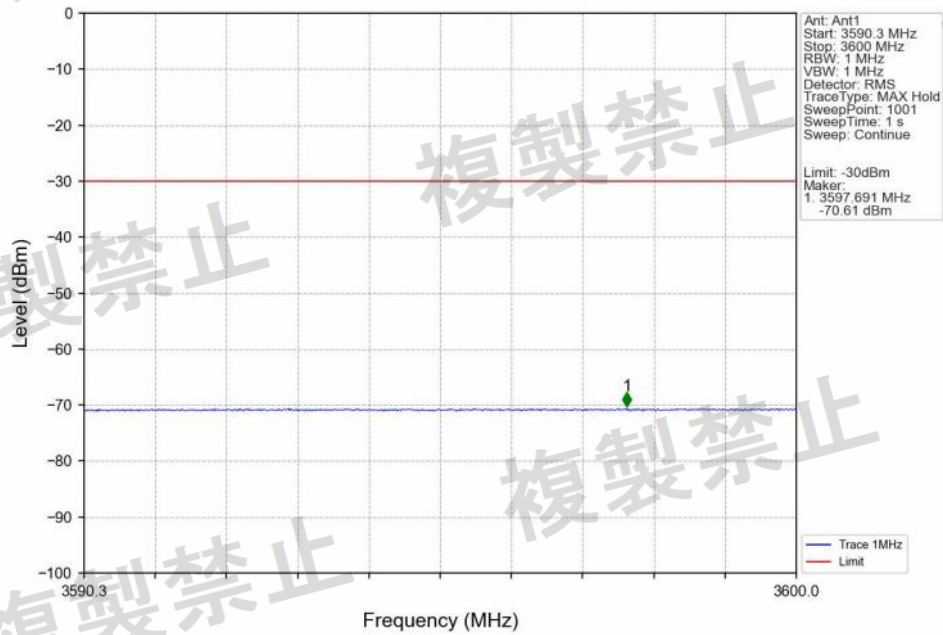
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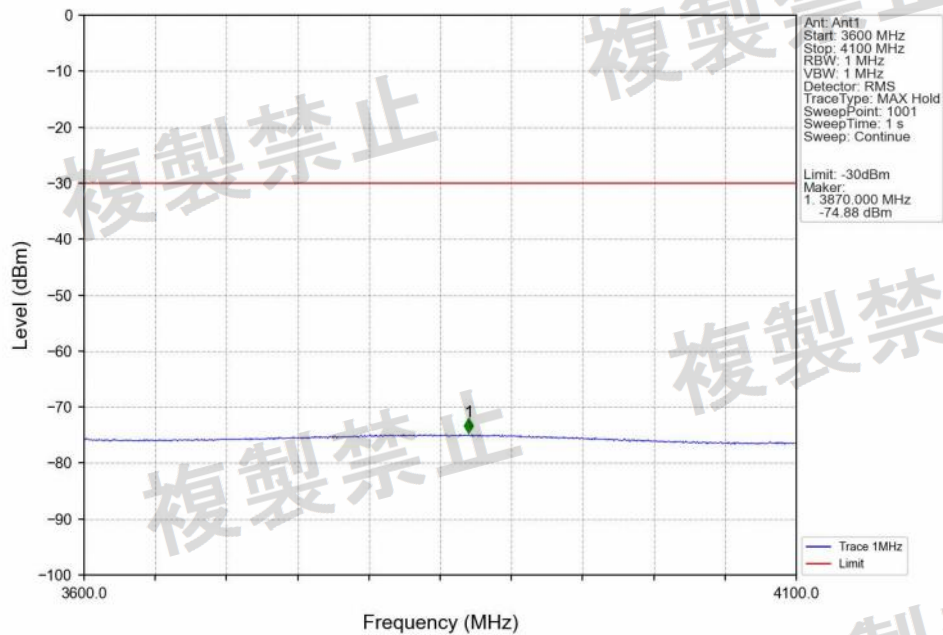
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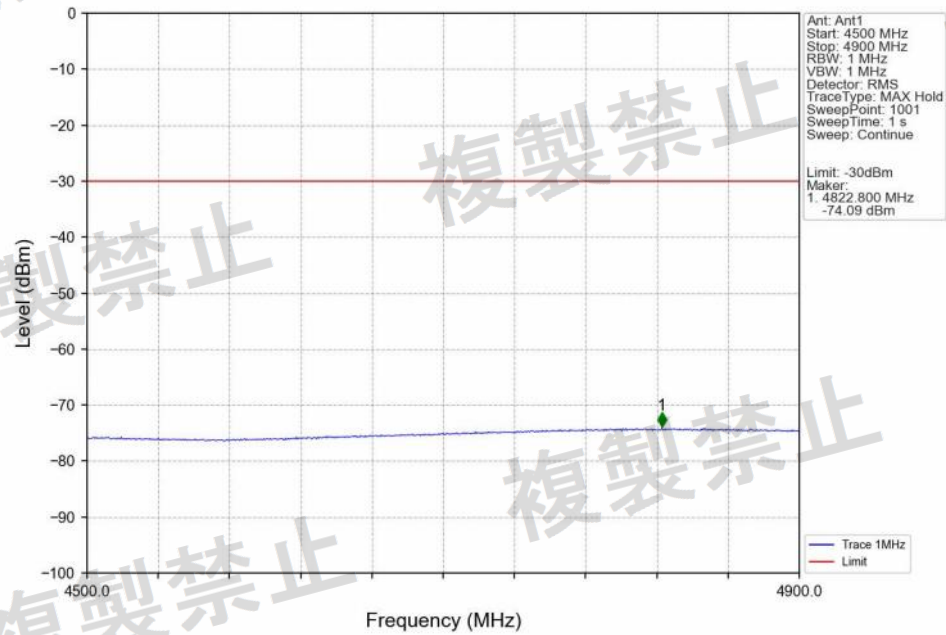
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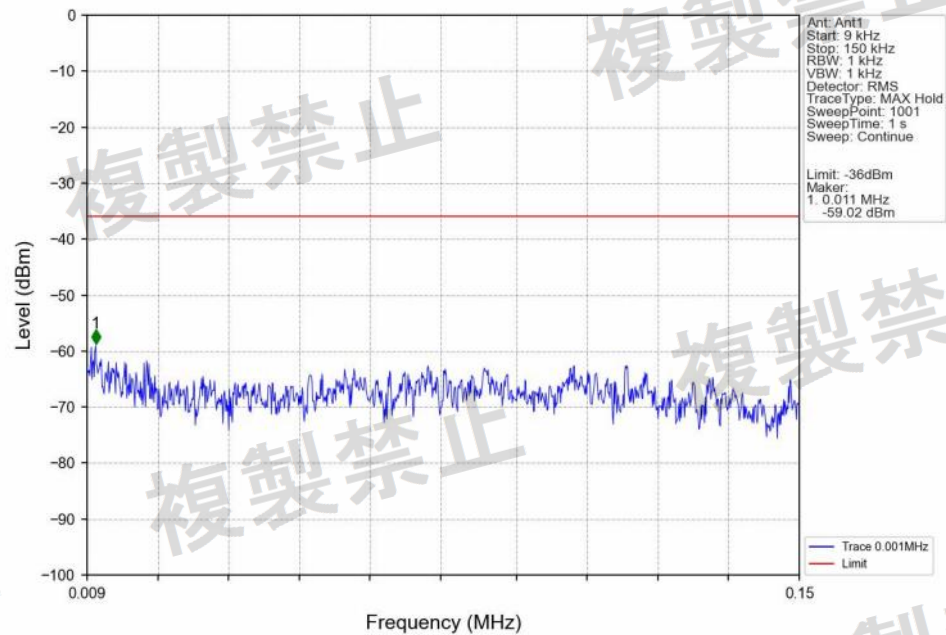
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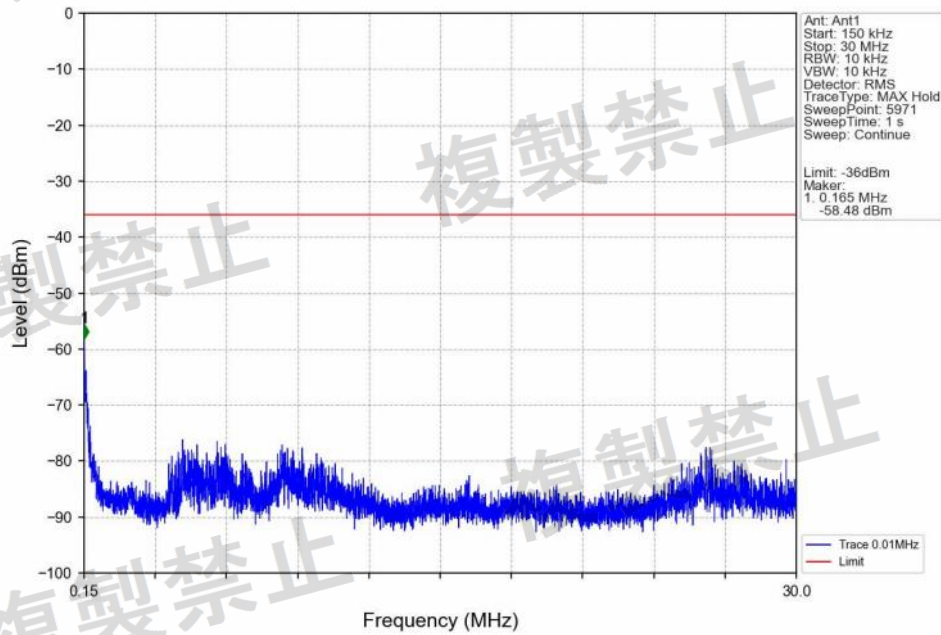
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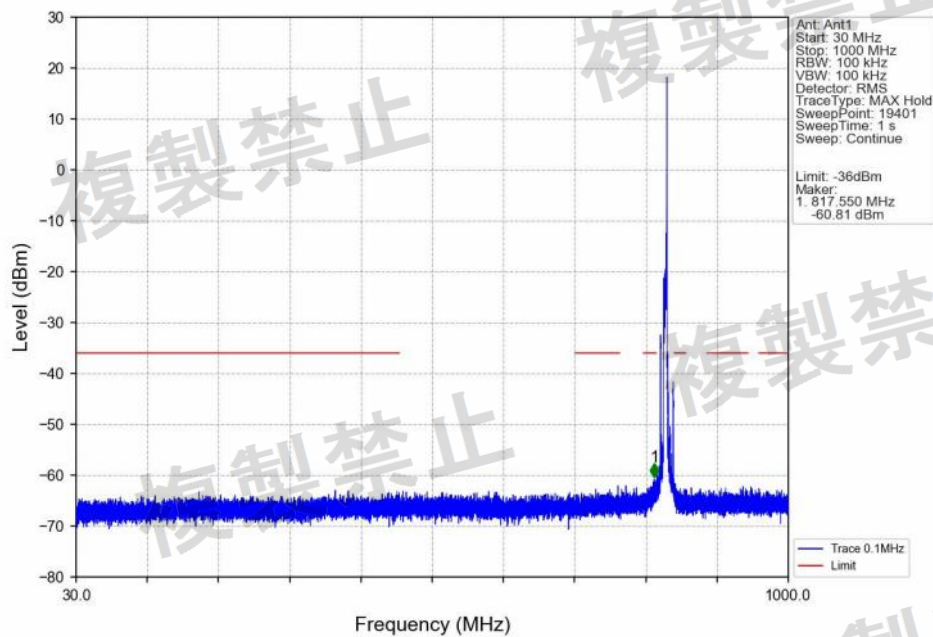
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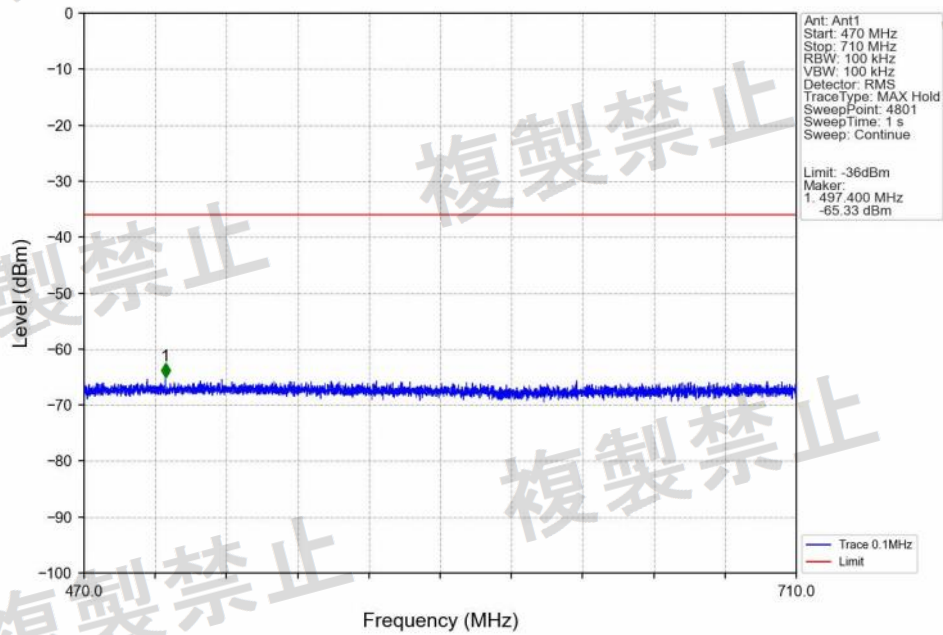
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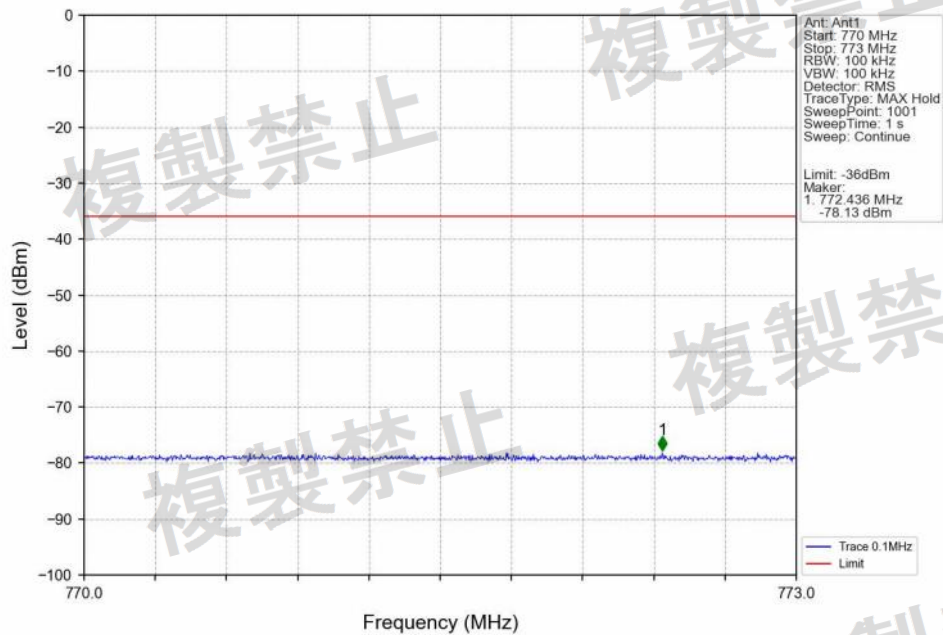
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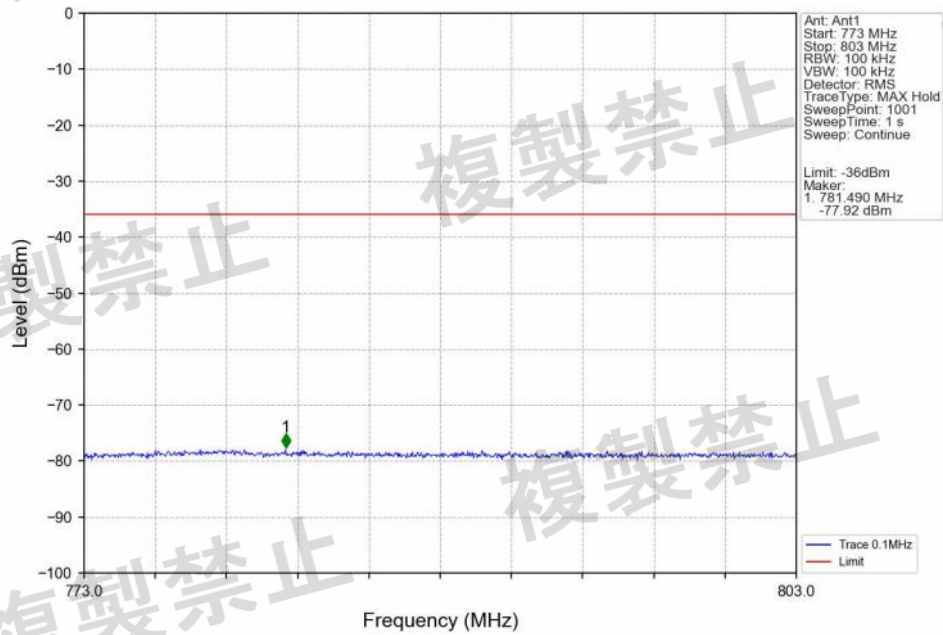
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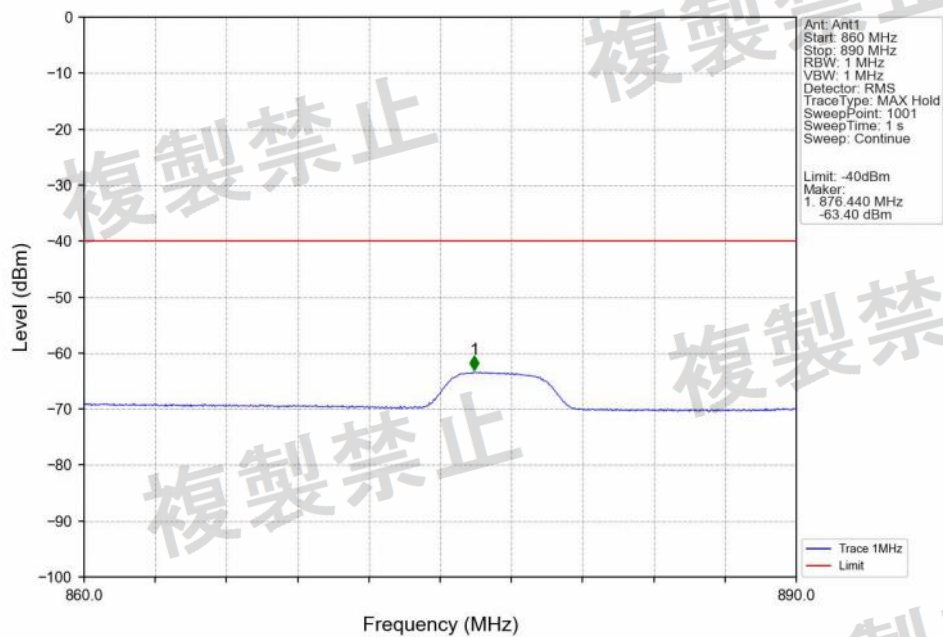
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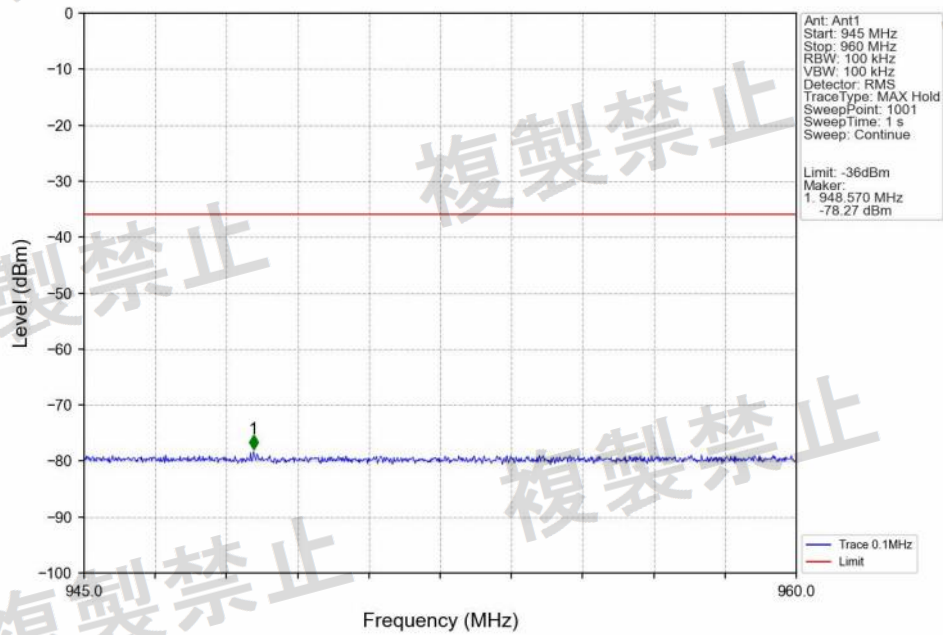
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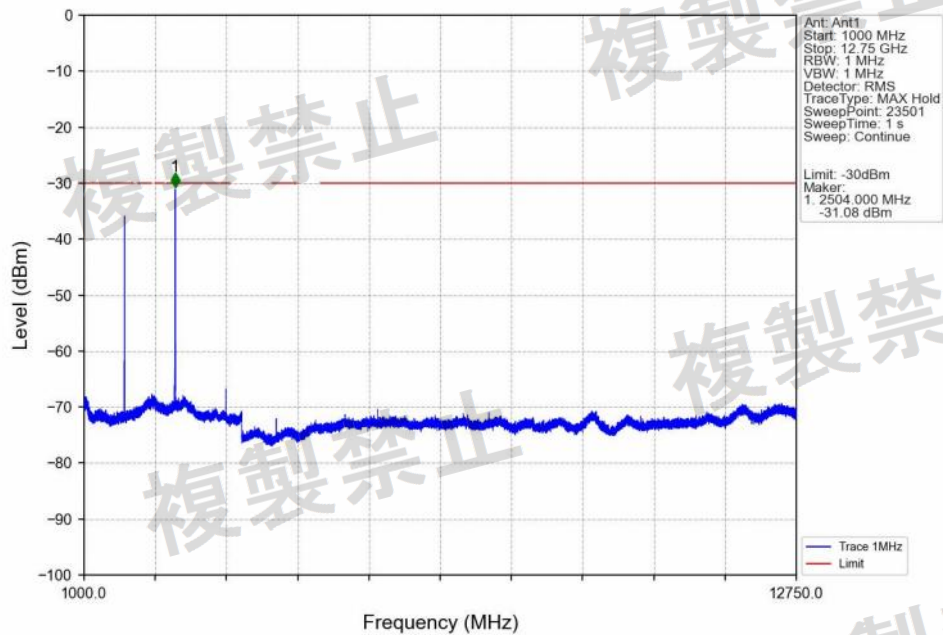
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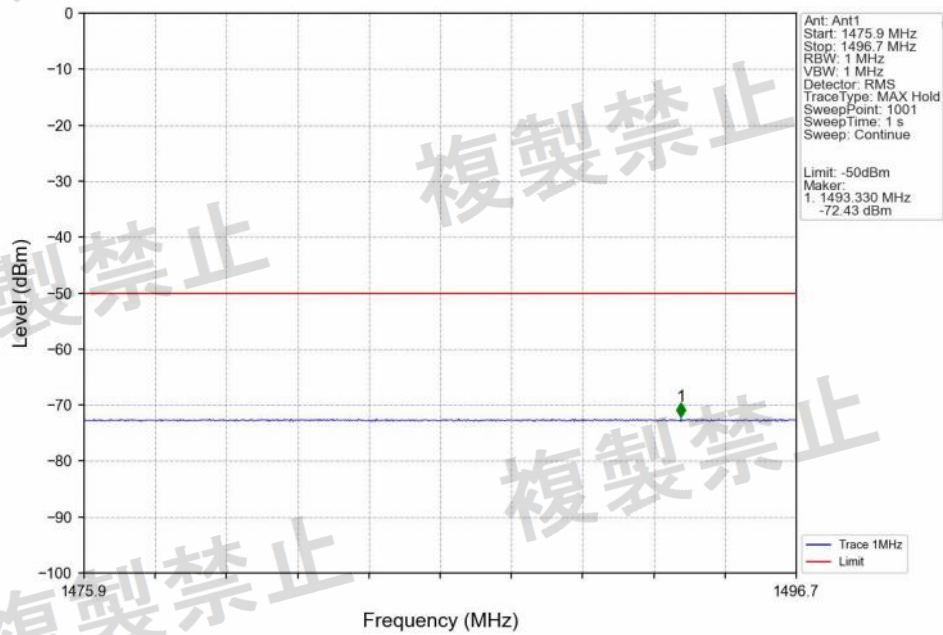
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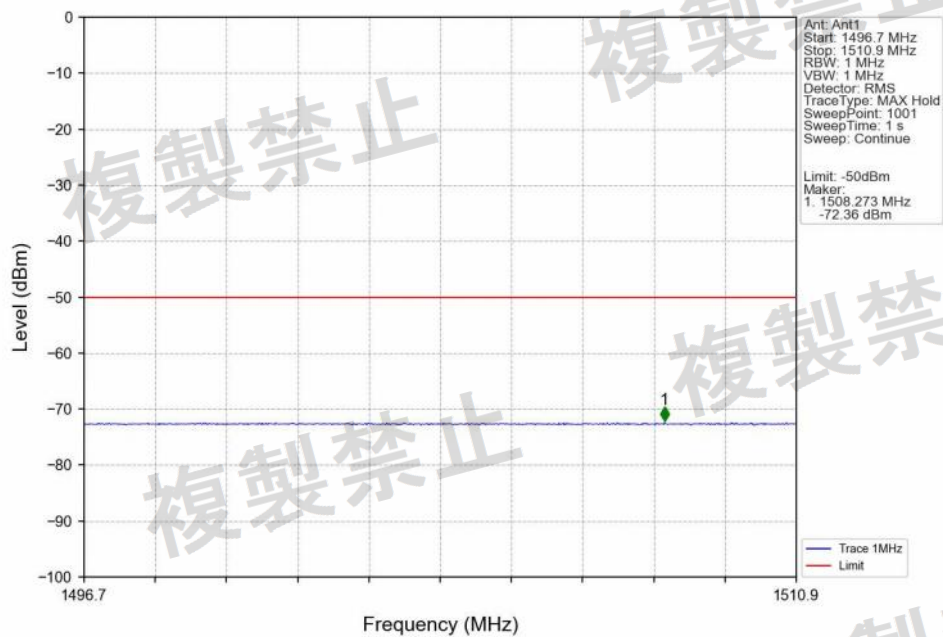
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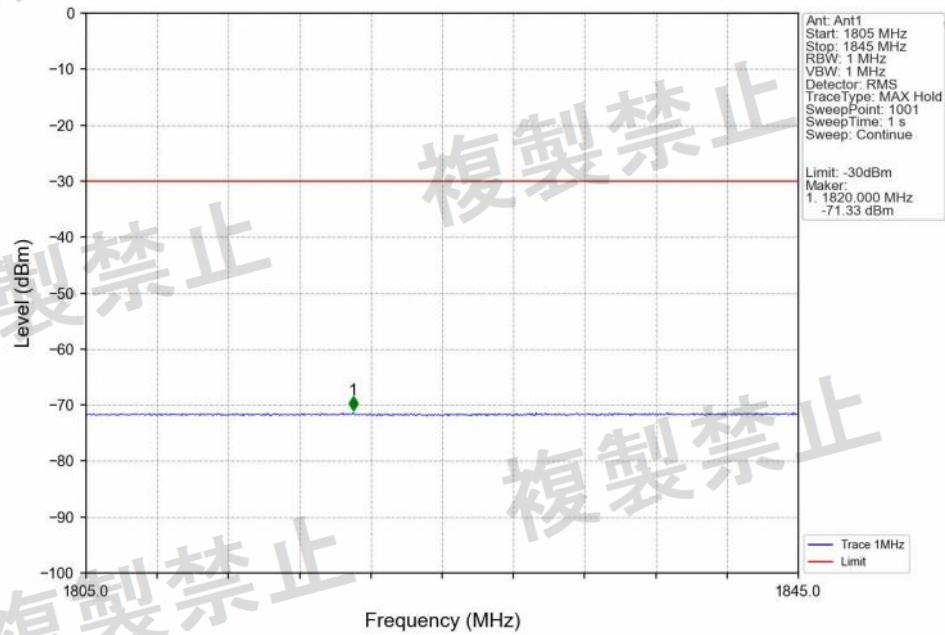
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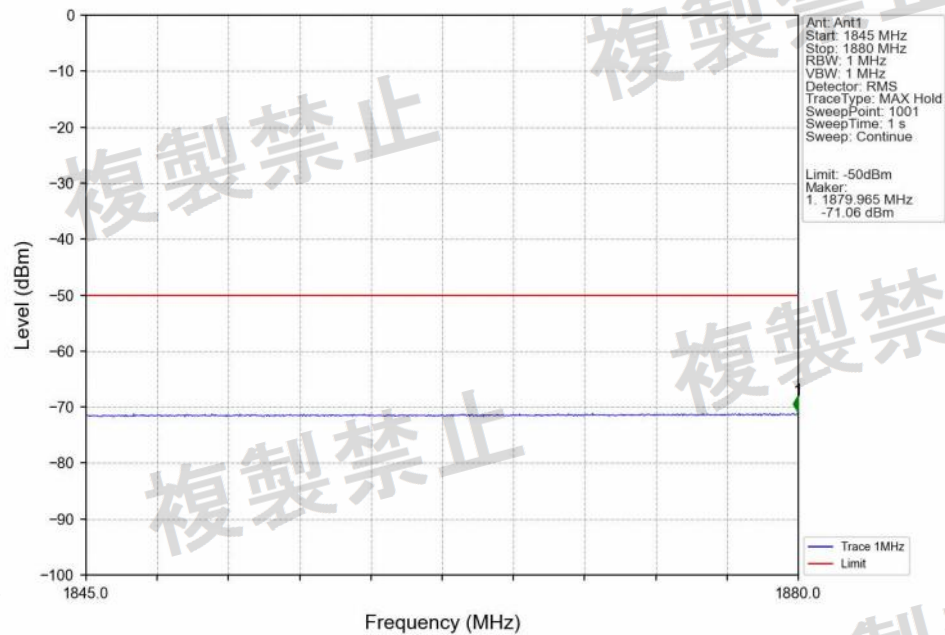
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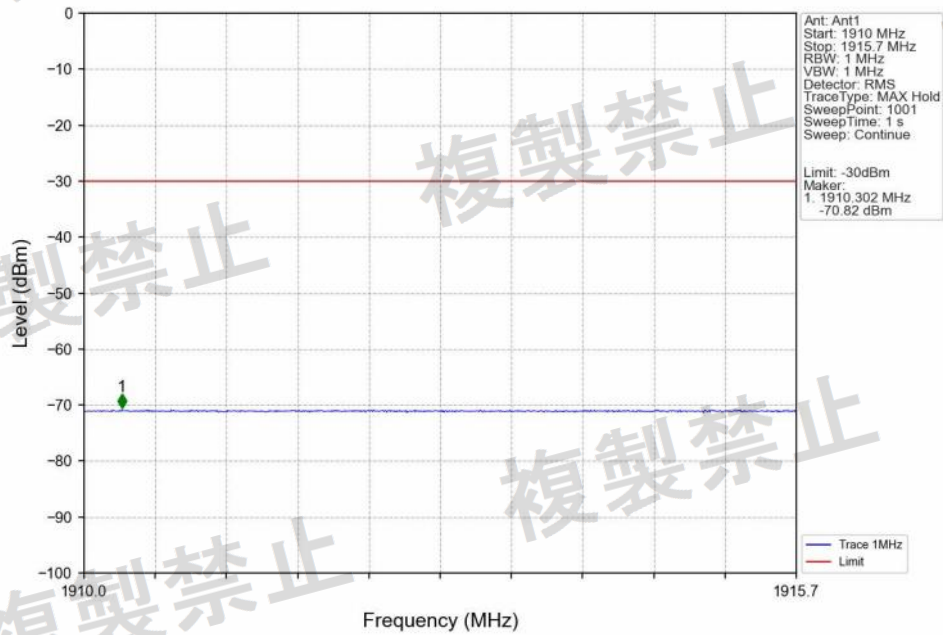
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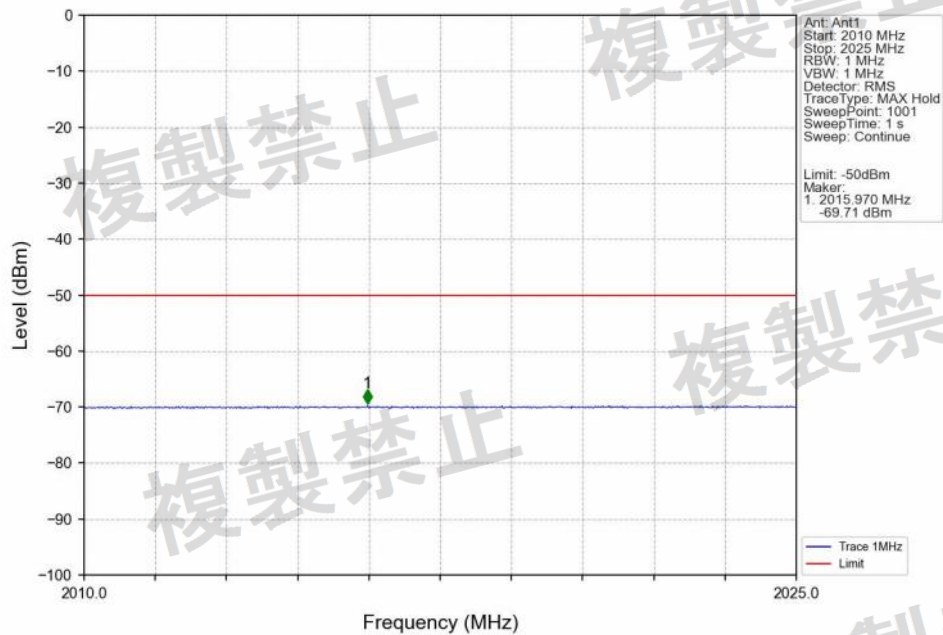
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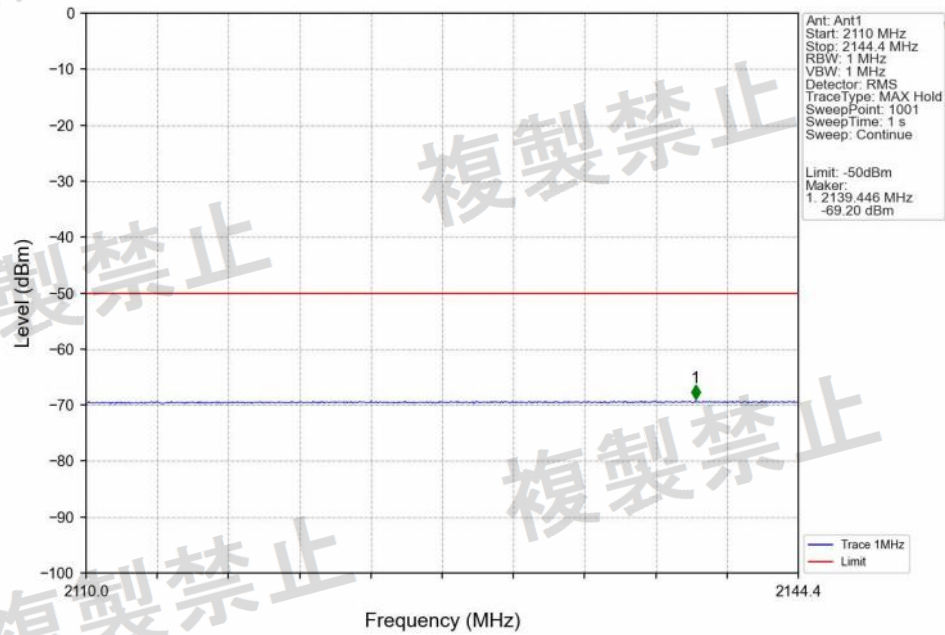
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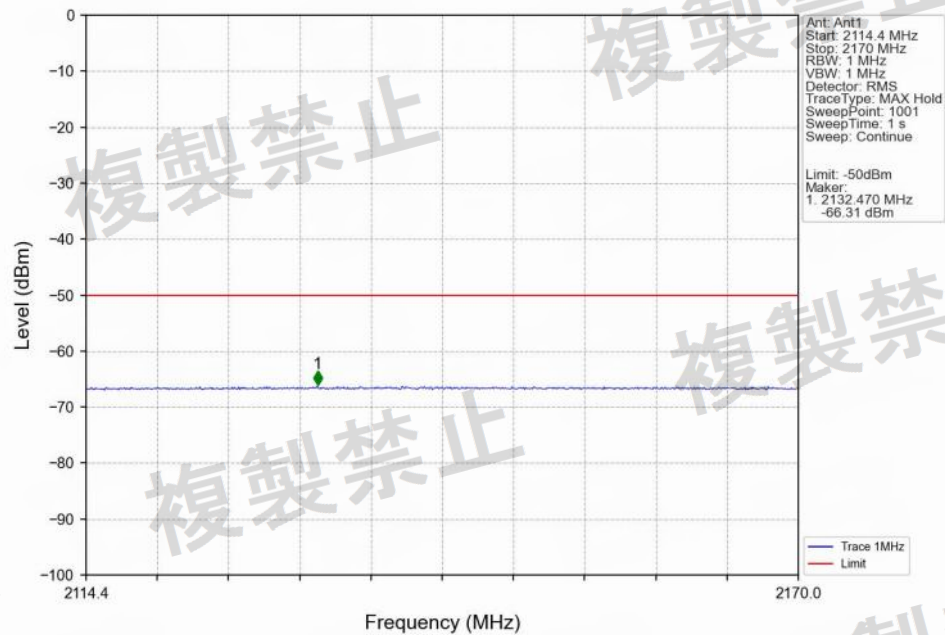
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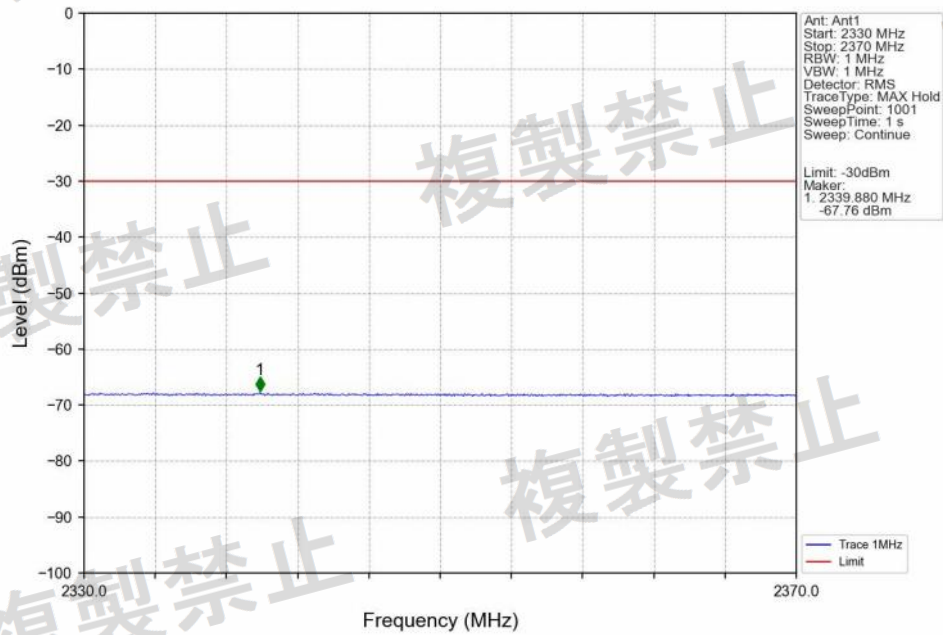
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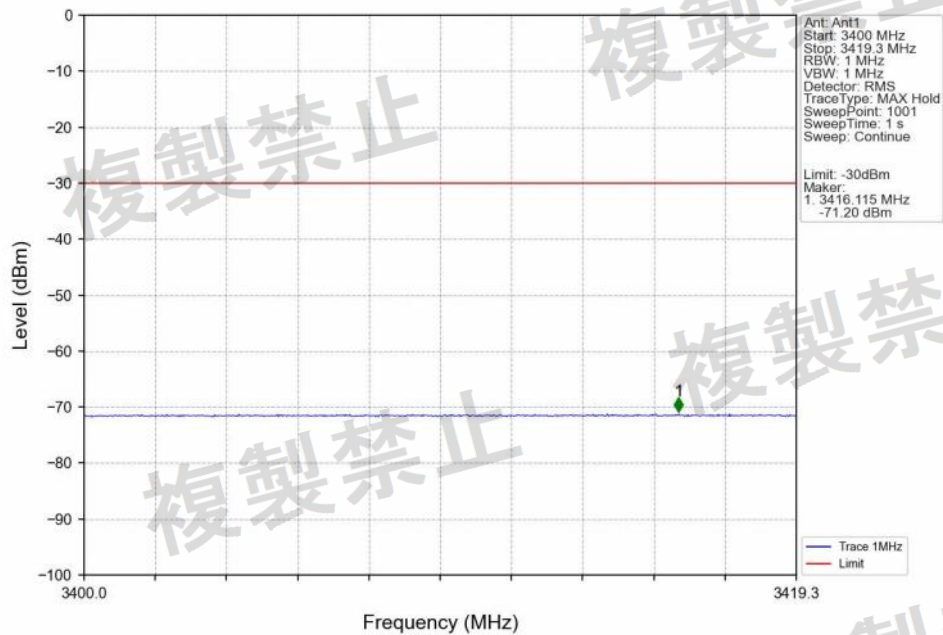
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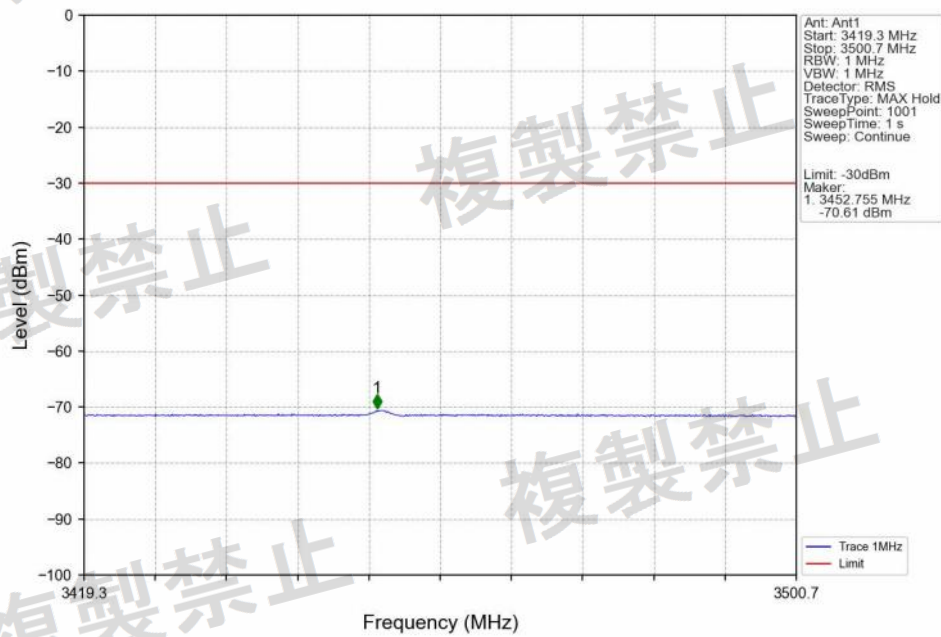
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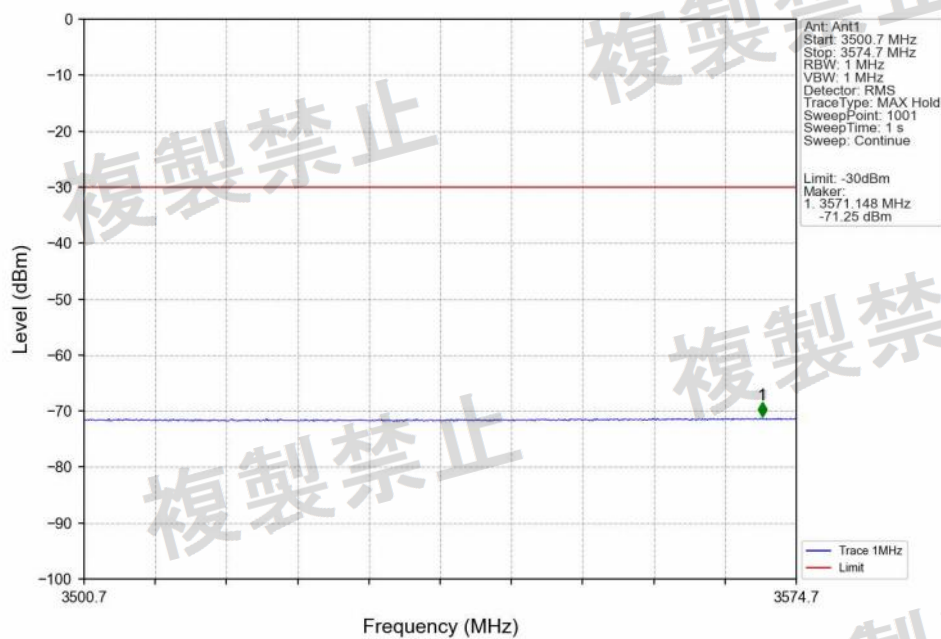
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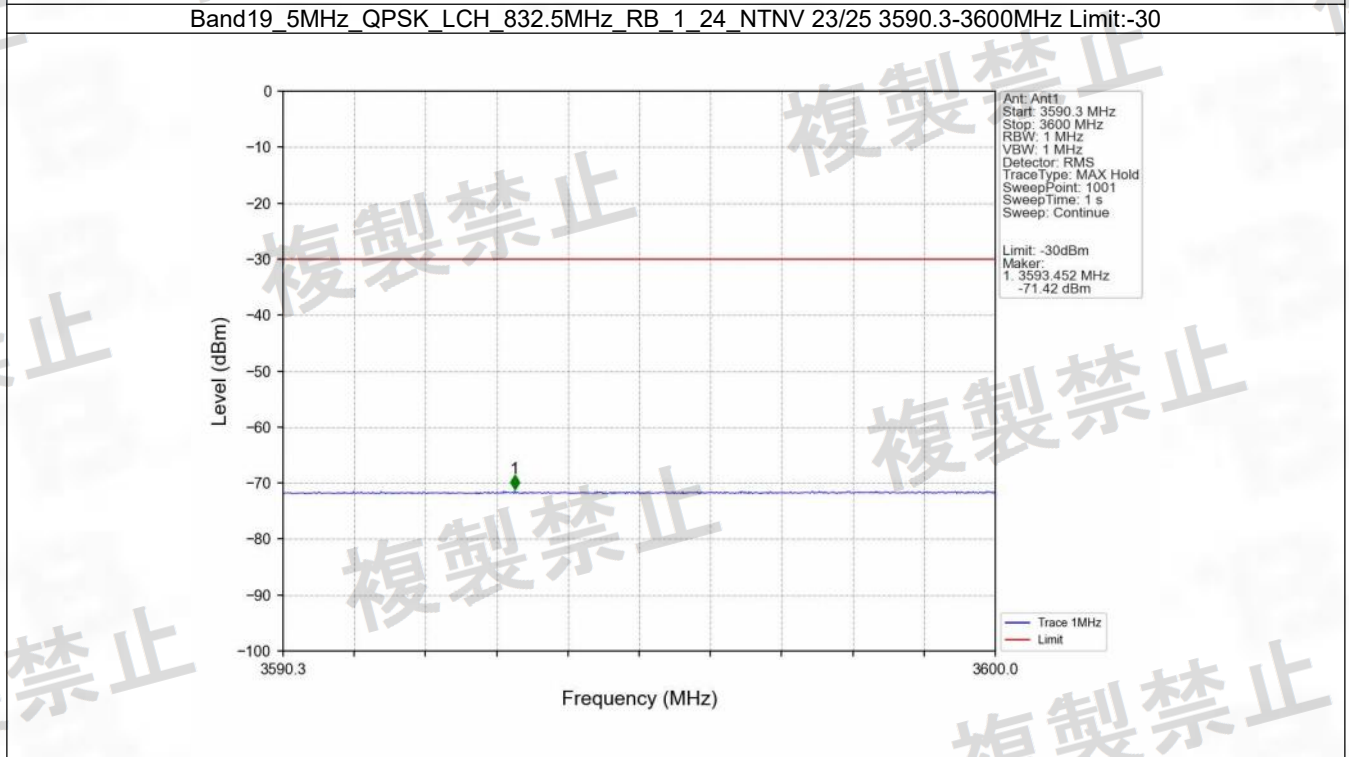
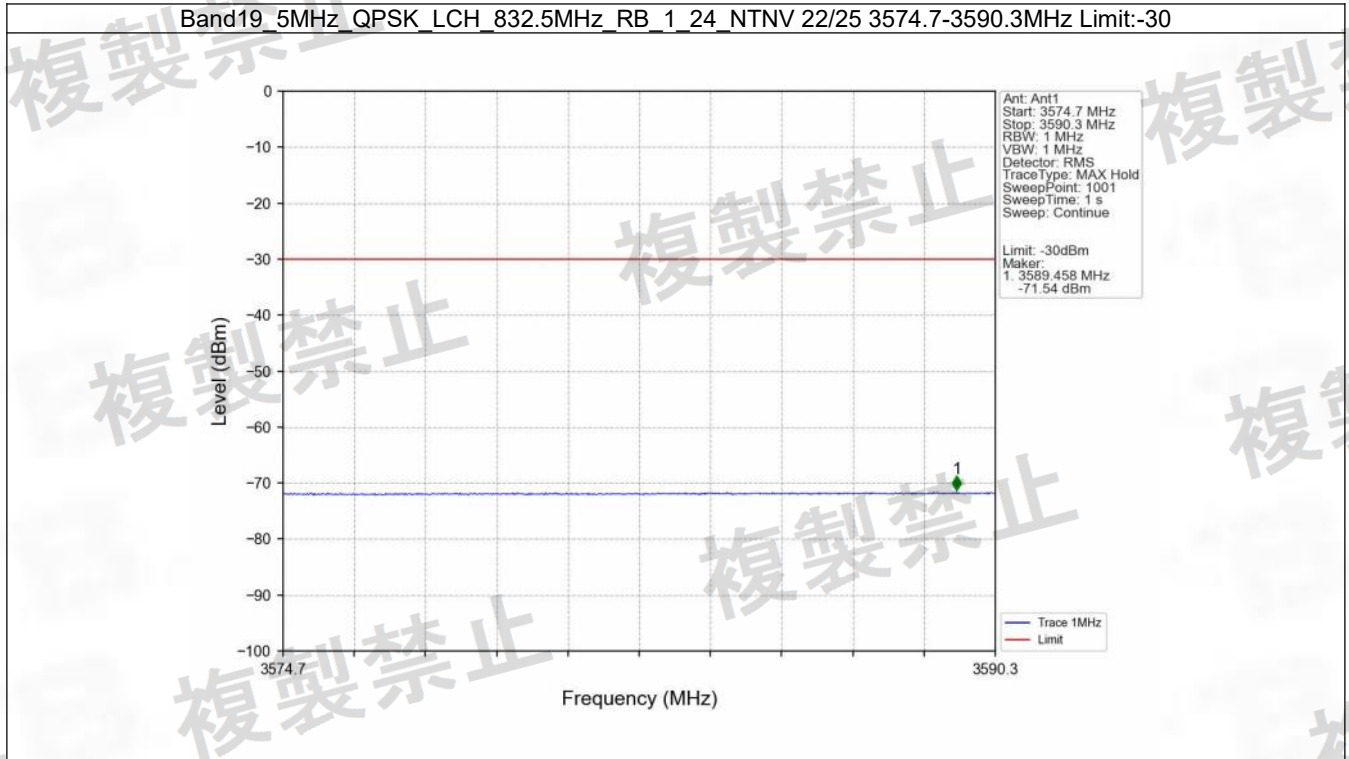


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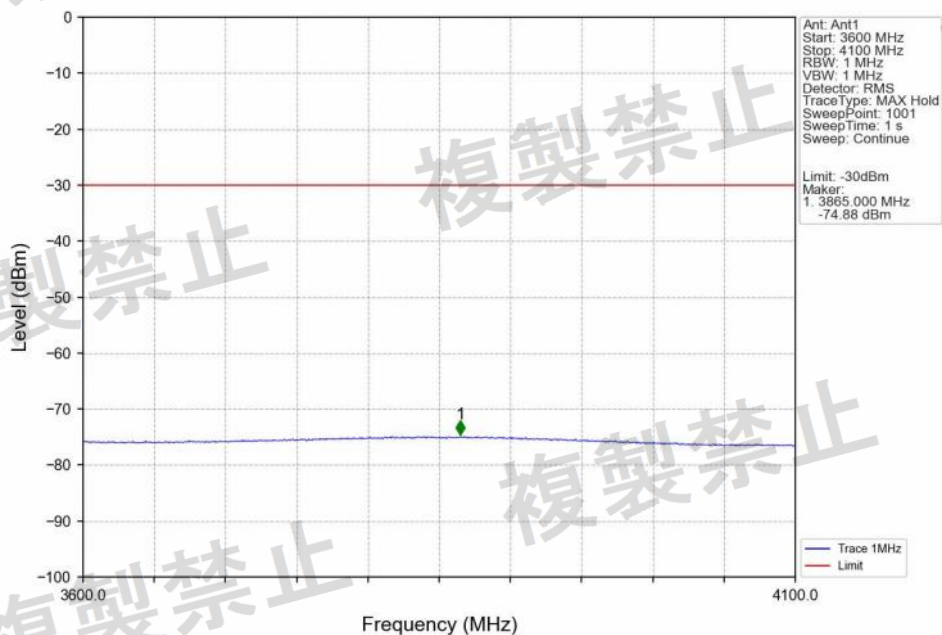


Band19_5MHz_QPSK_LCH_832.5MHz_RB_1_24_NTNV 21/25 3500.7-3574.7MHz Limit:-30

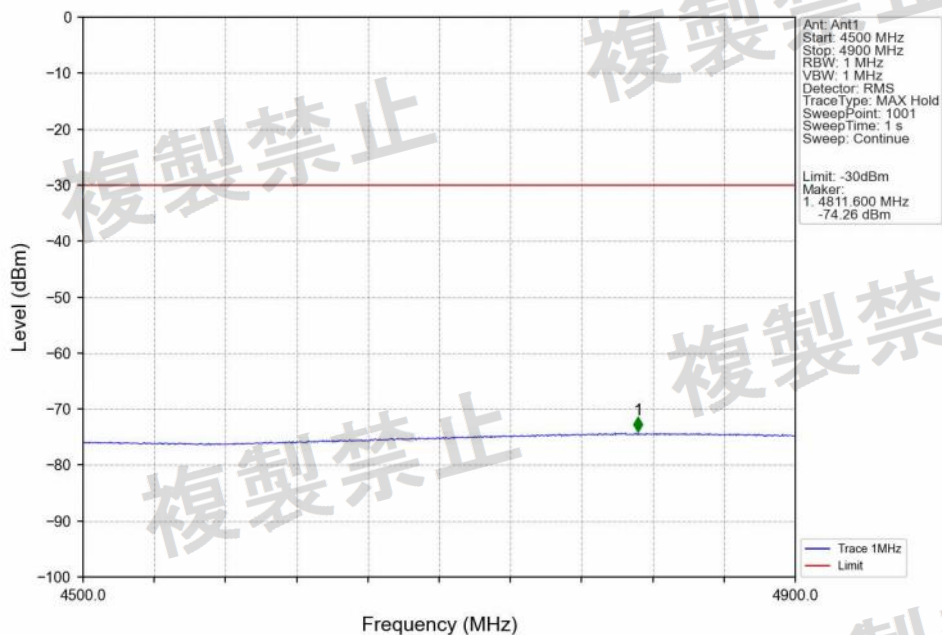




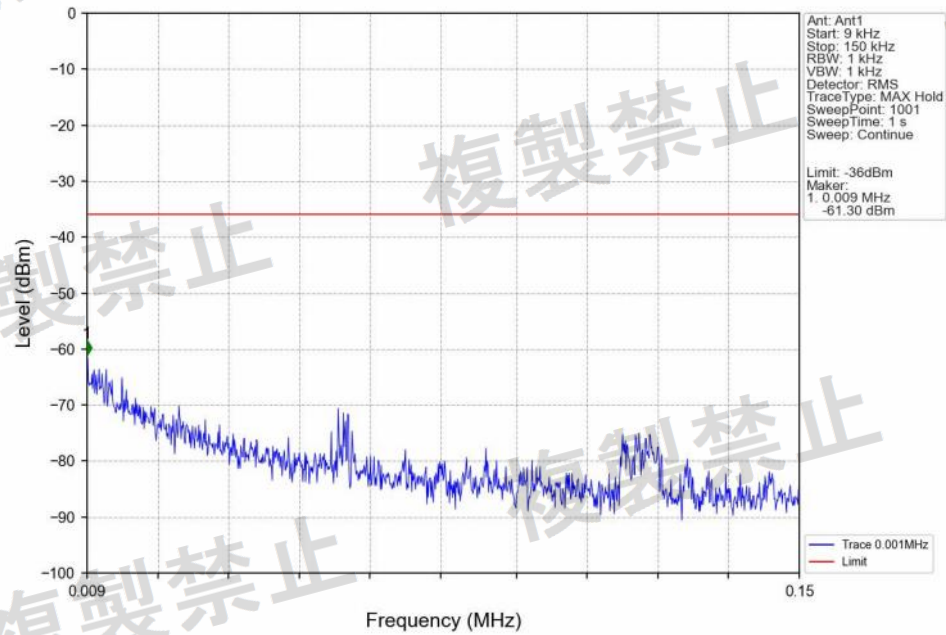
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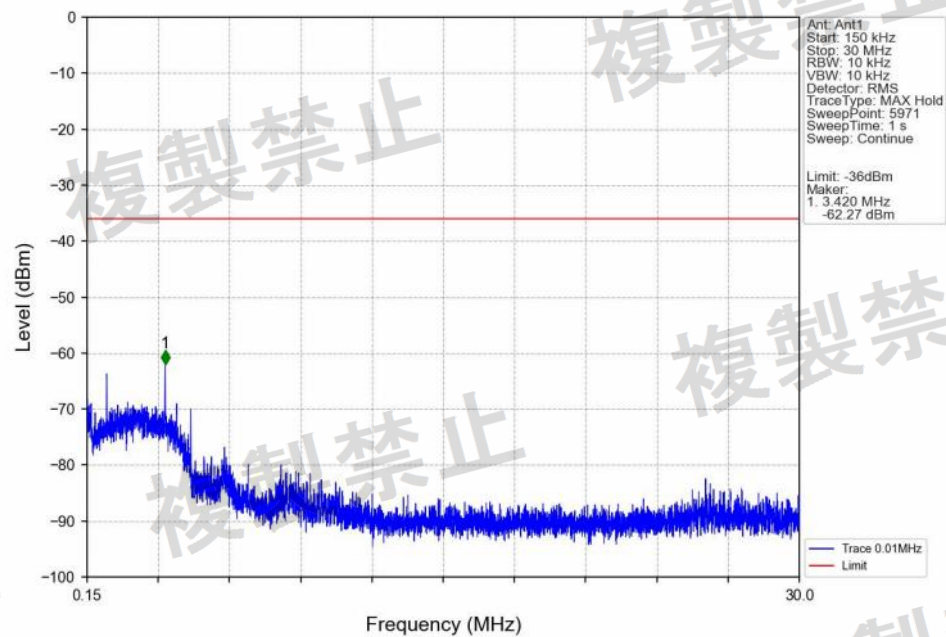
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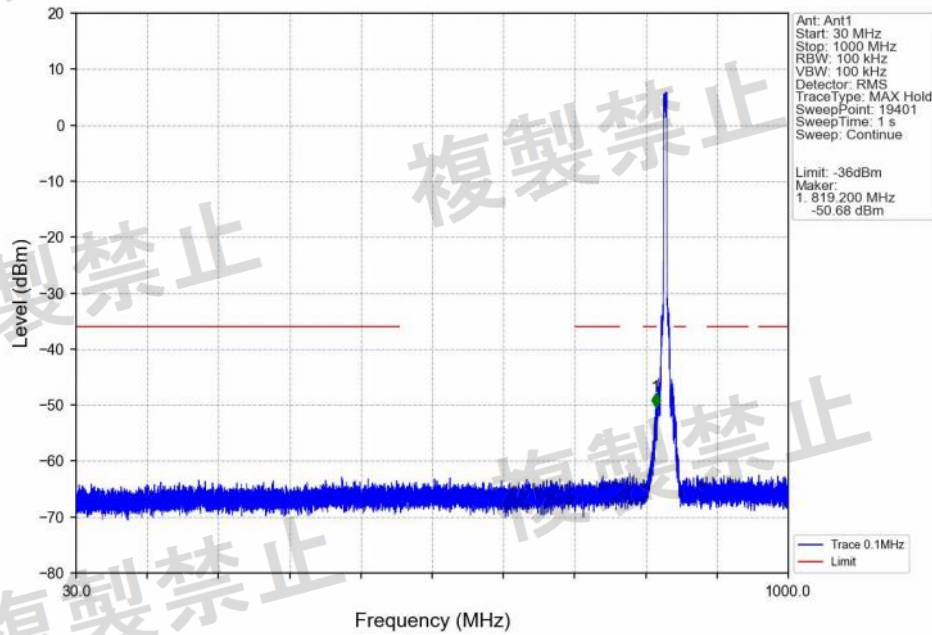
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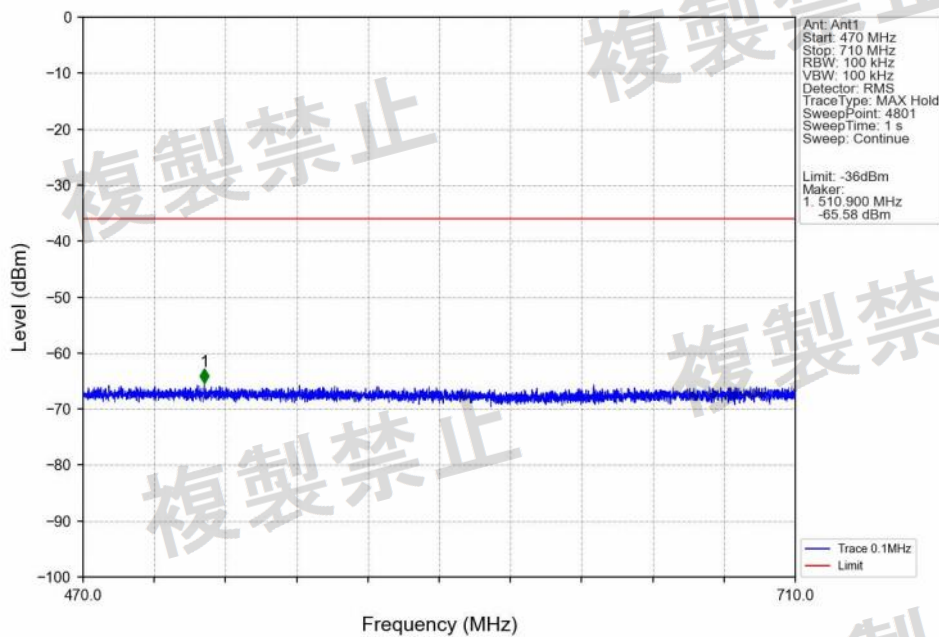
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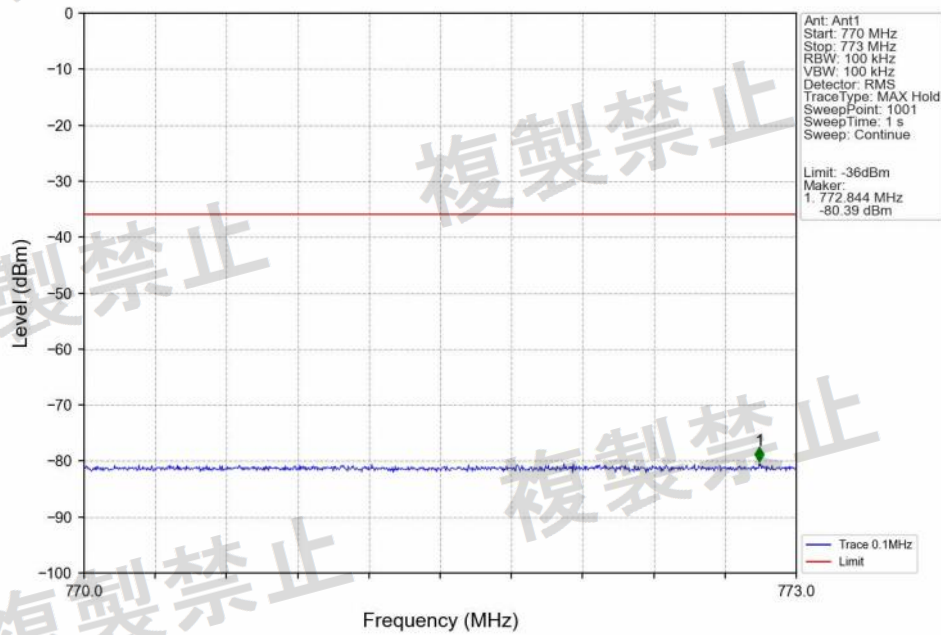
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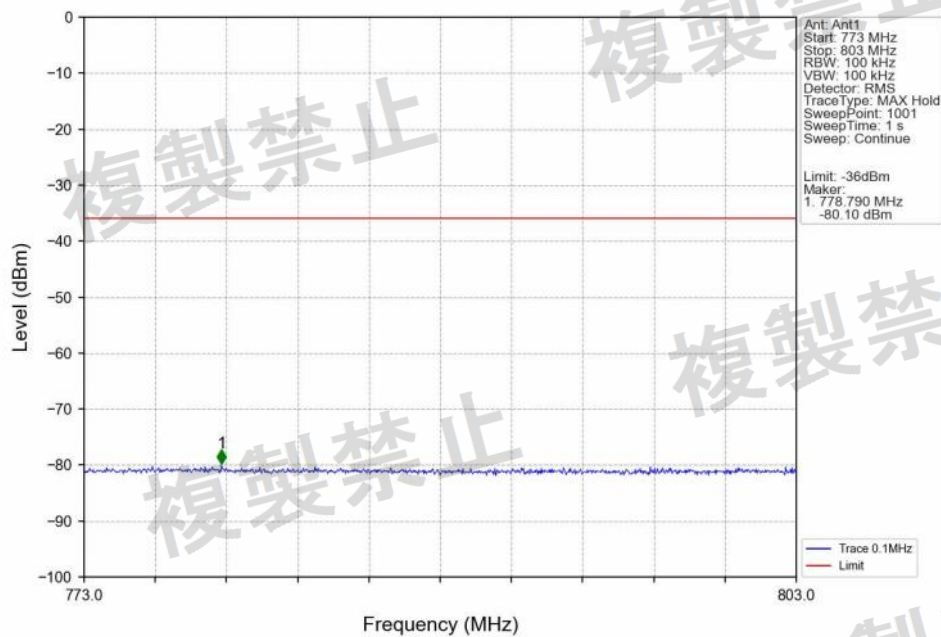
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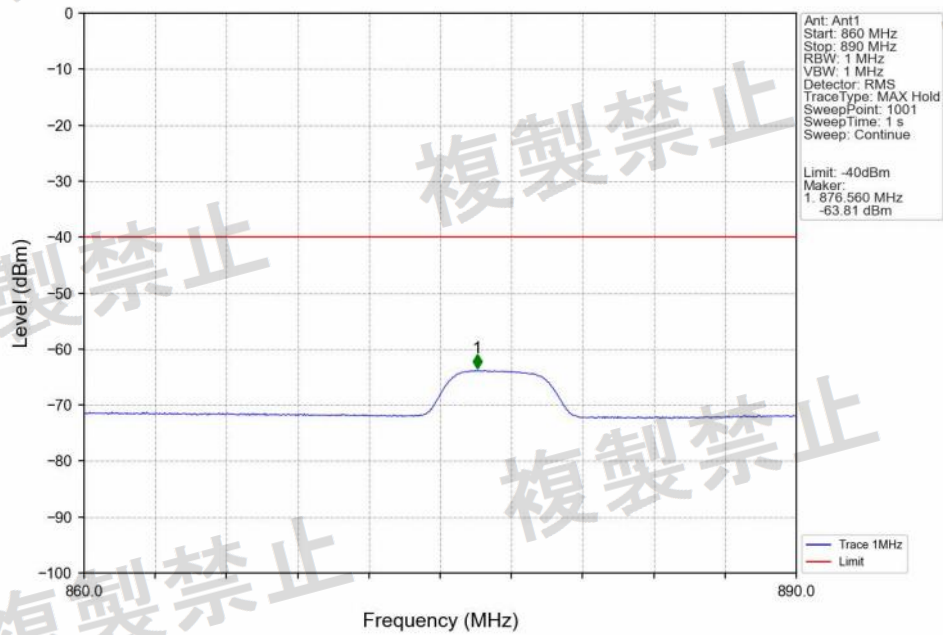
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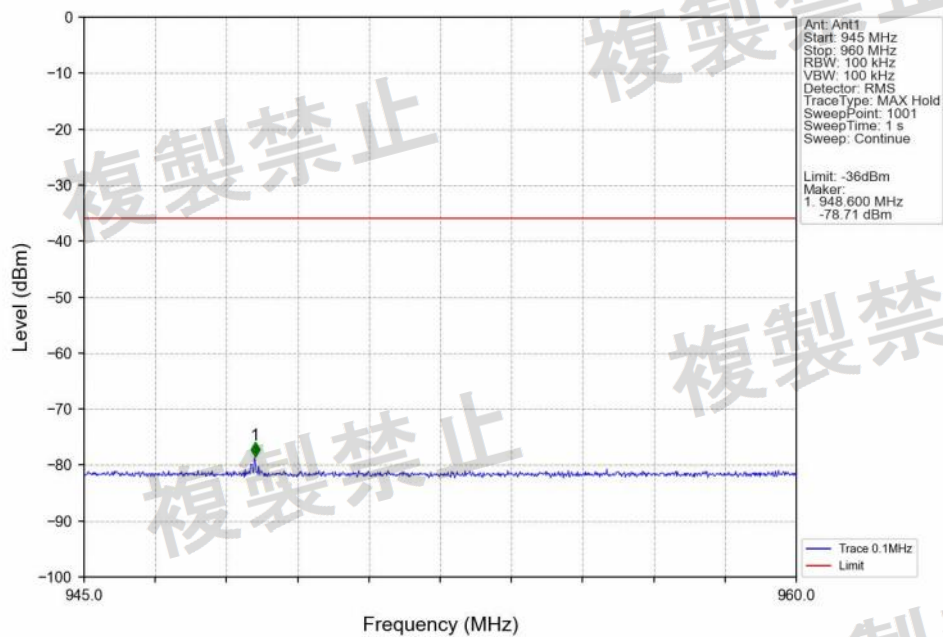
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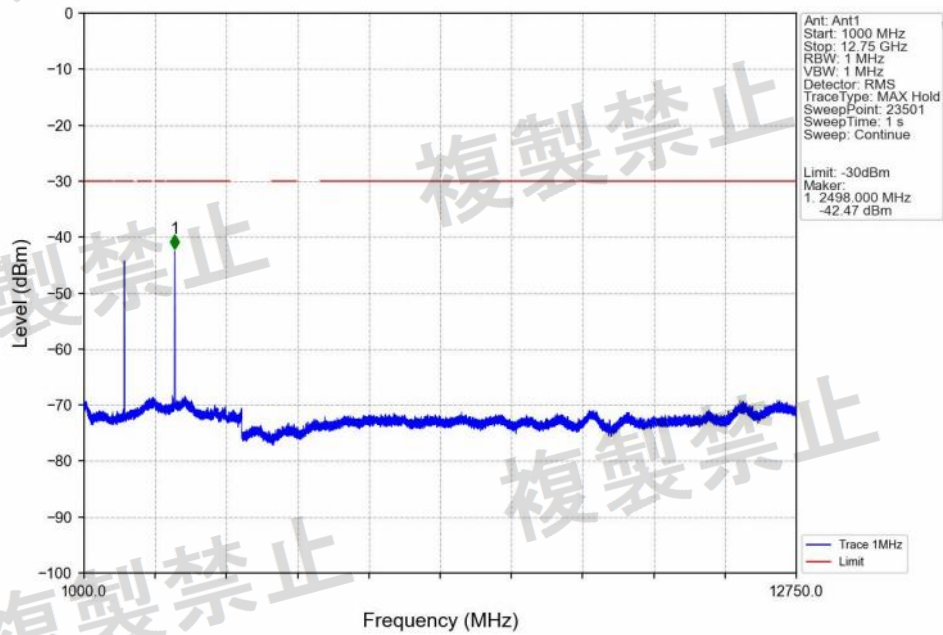
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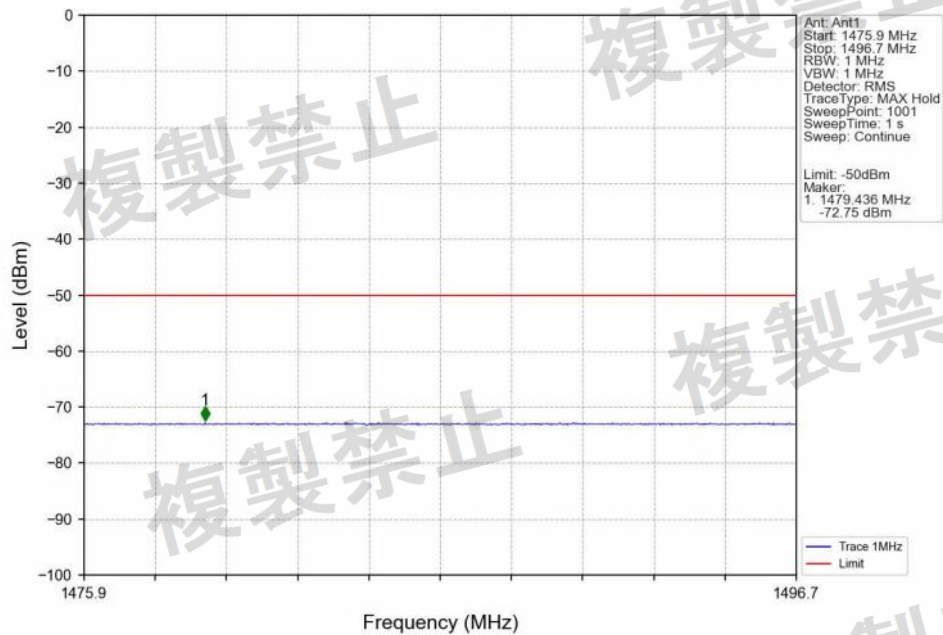
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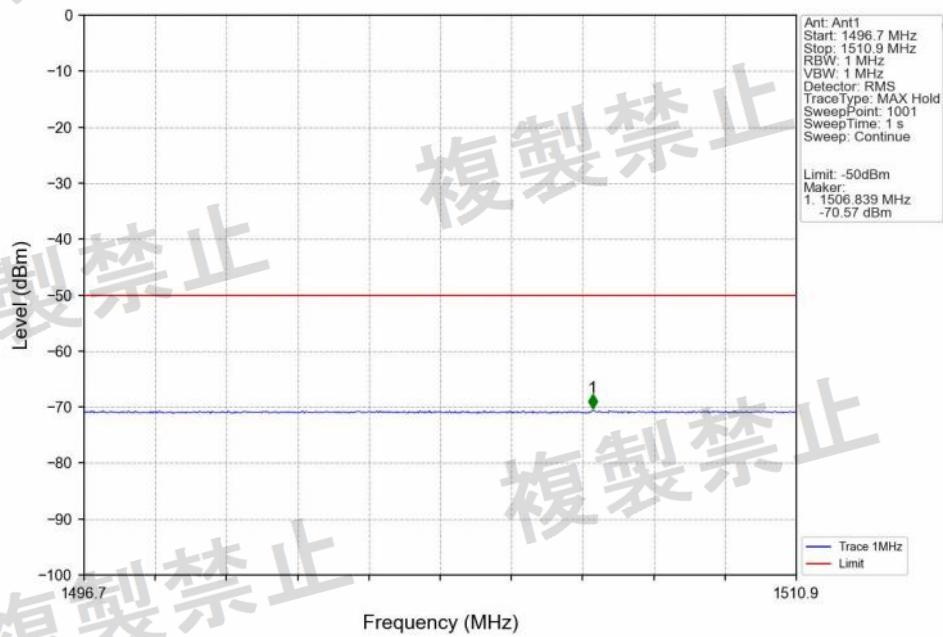
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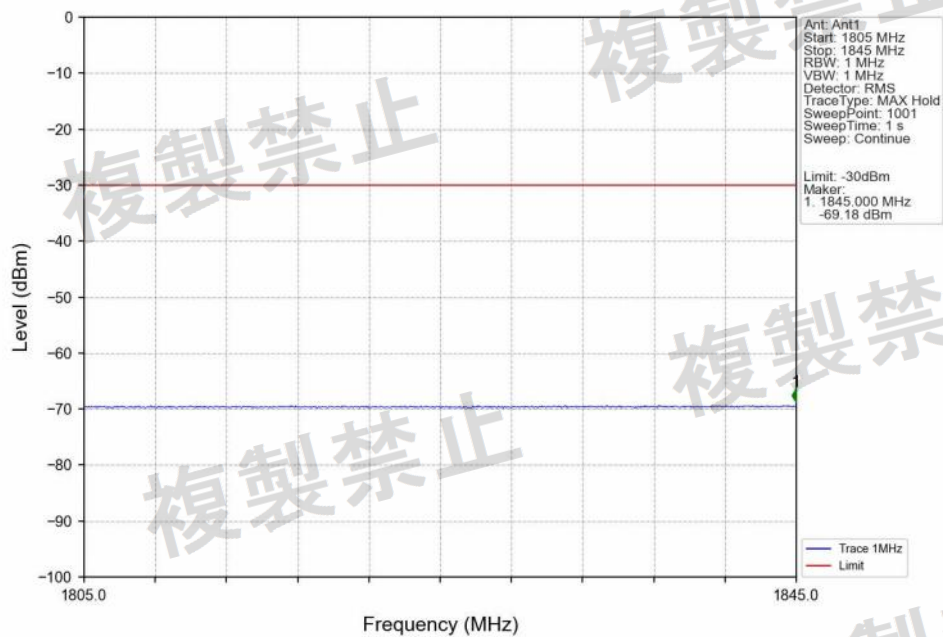
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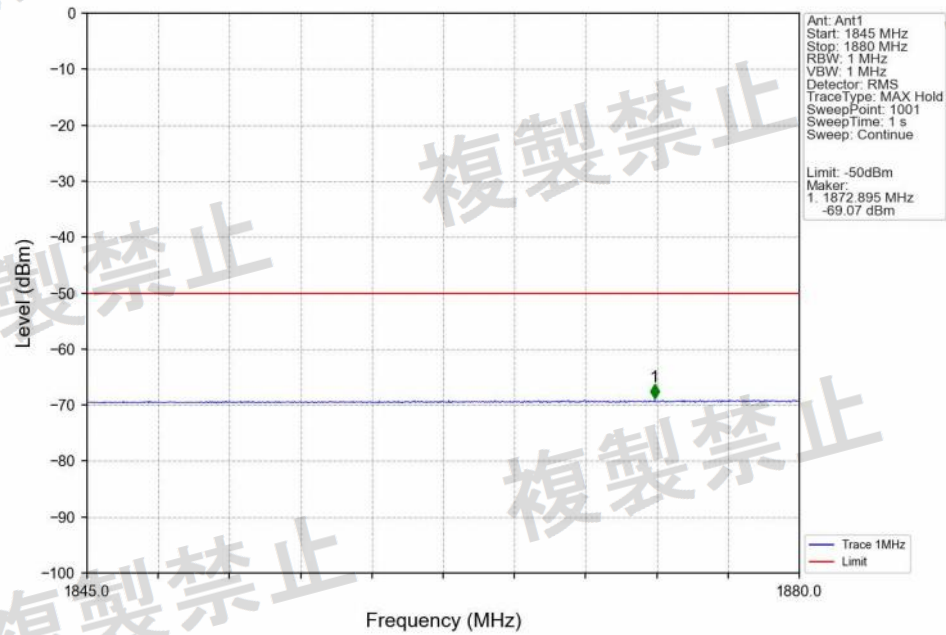
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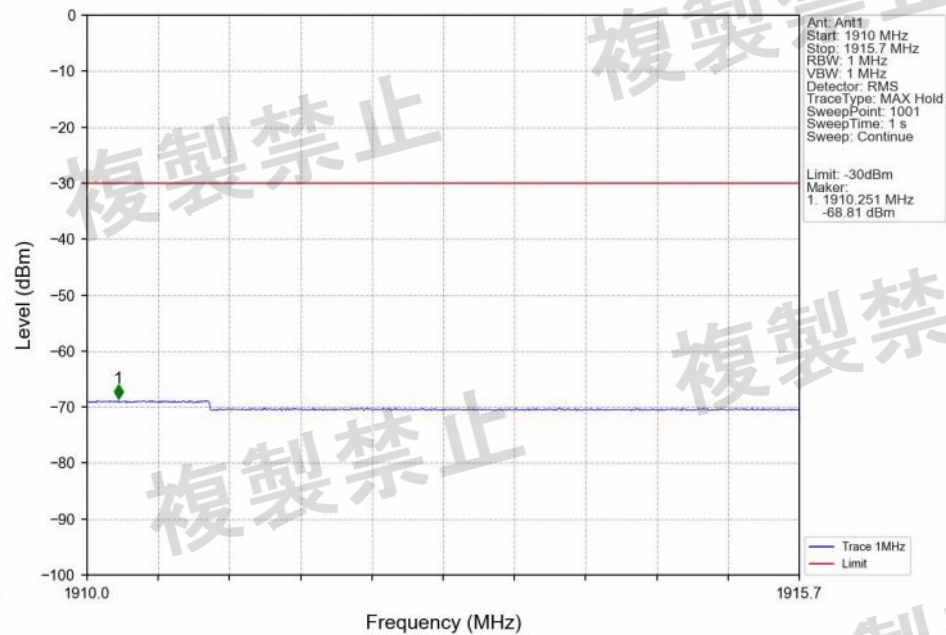
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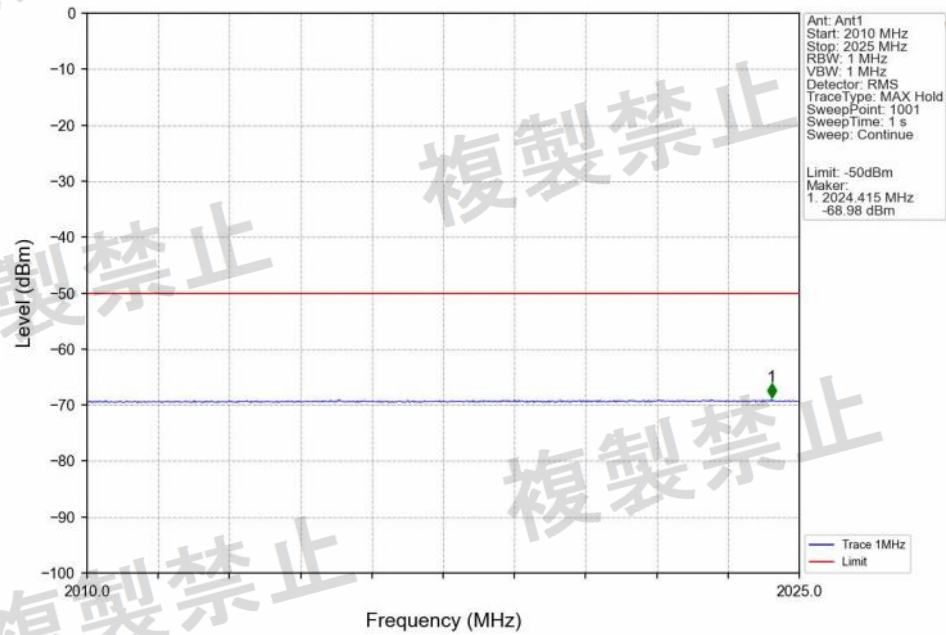
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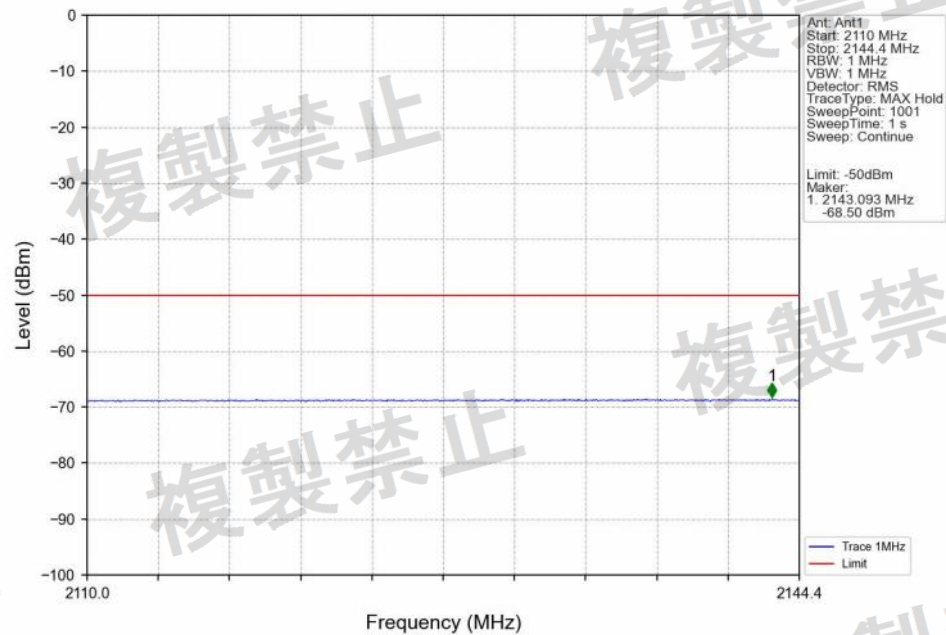
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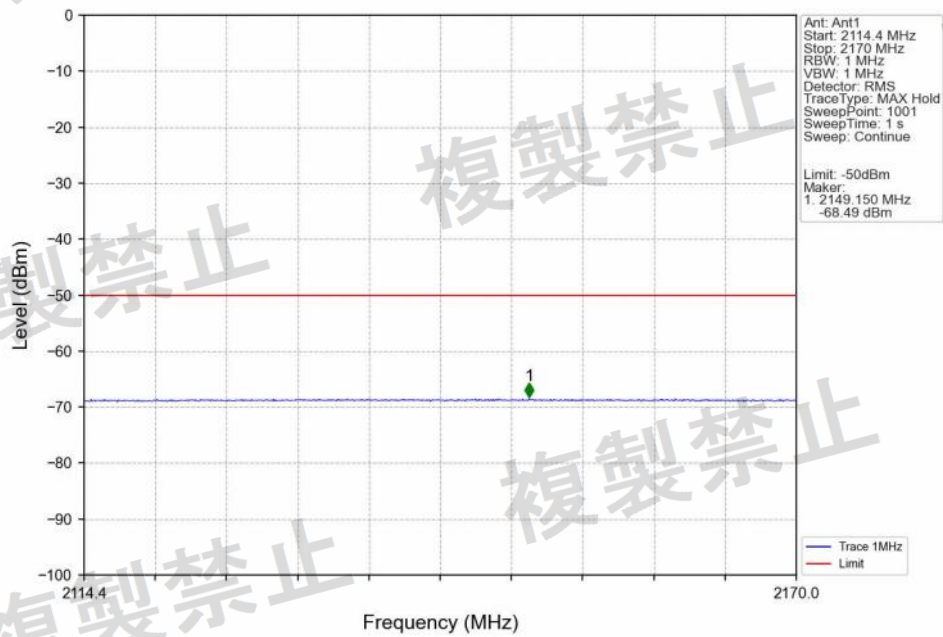
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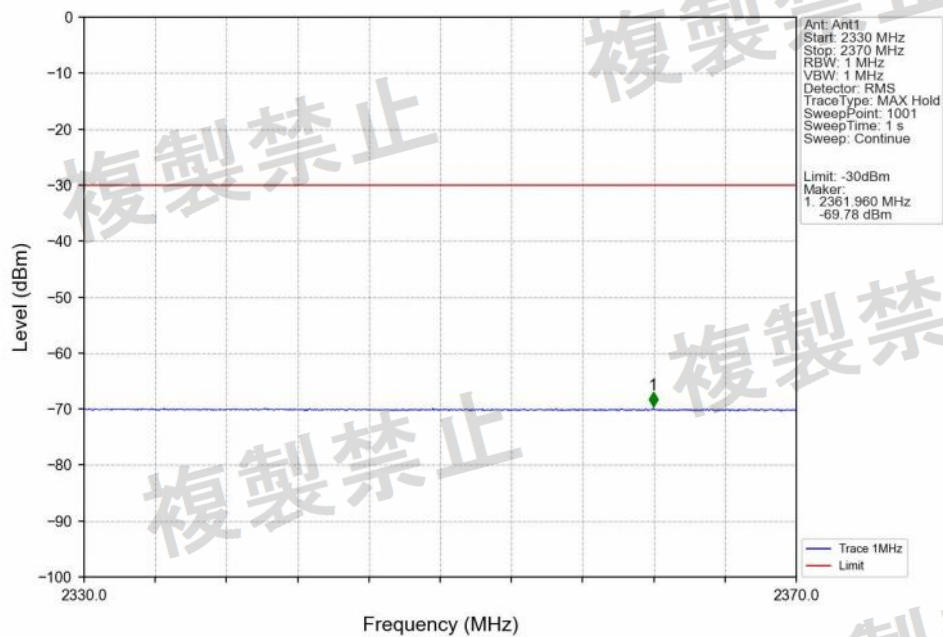
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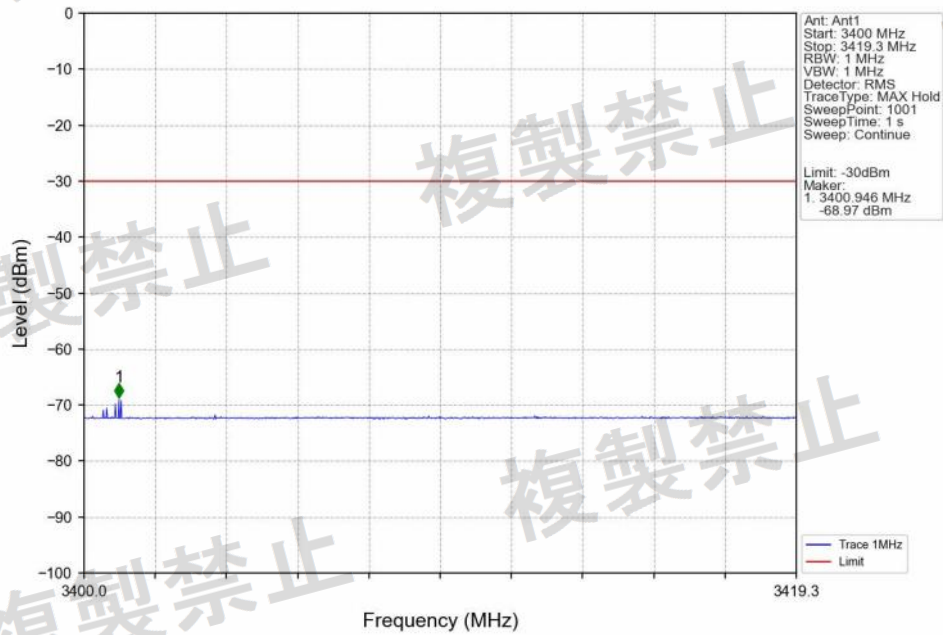
Band19_5MHz_QPSK_LCH_832.5MHz_RB_25_0_NTNV 17/25 2114.4-2170MHz Limit:-50



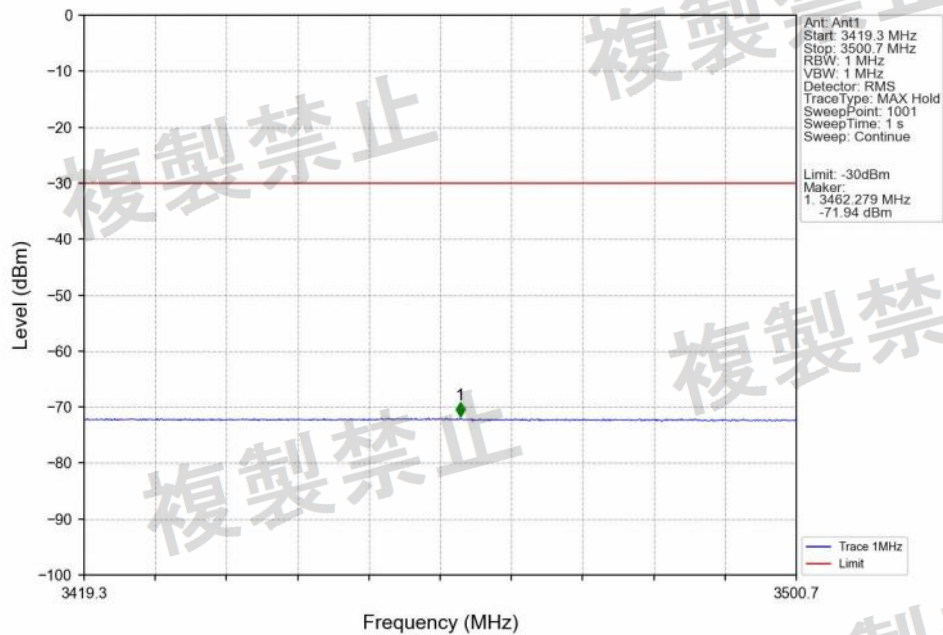
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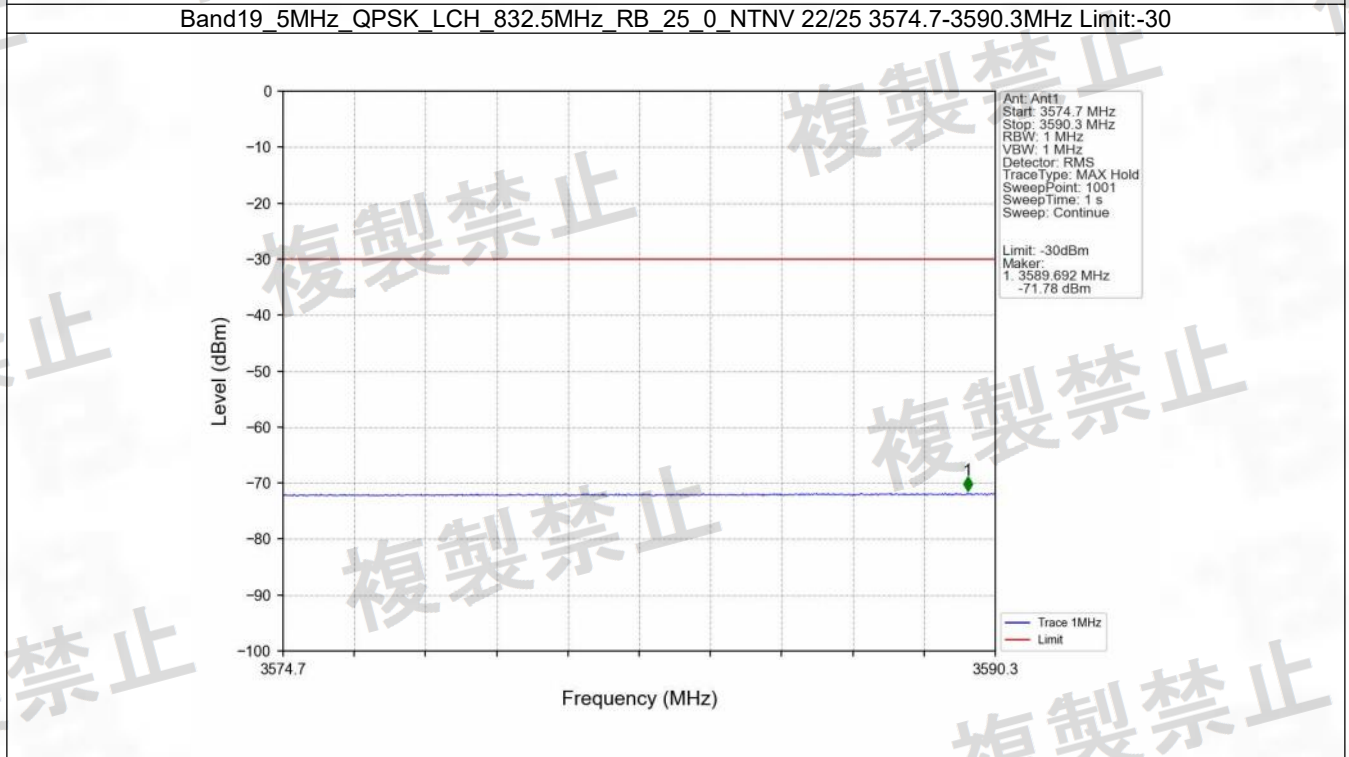
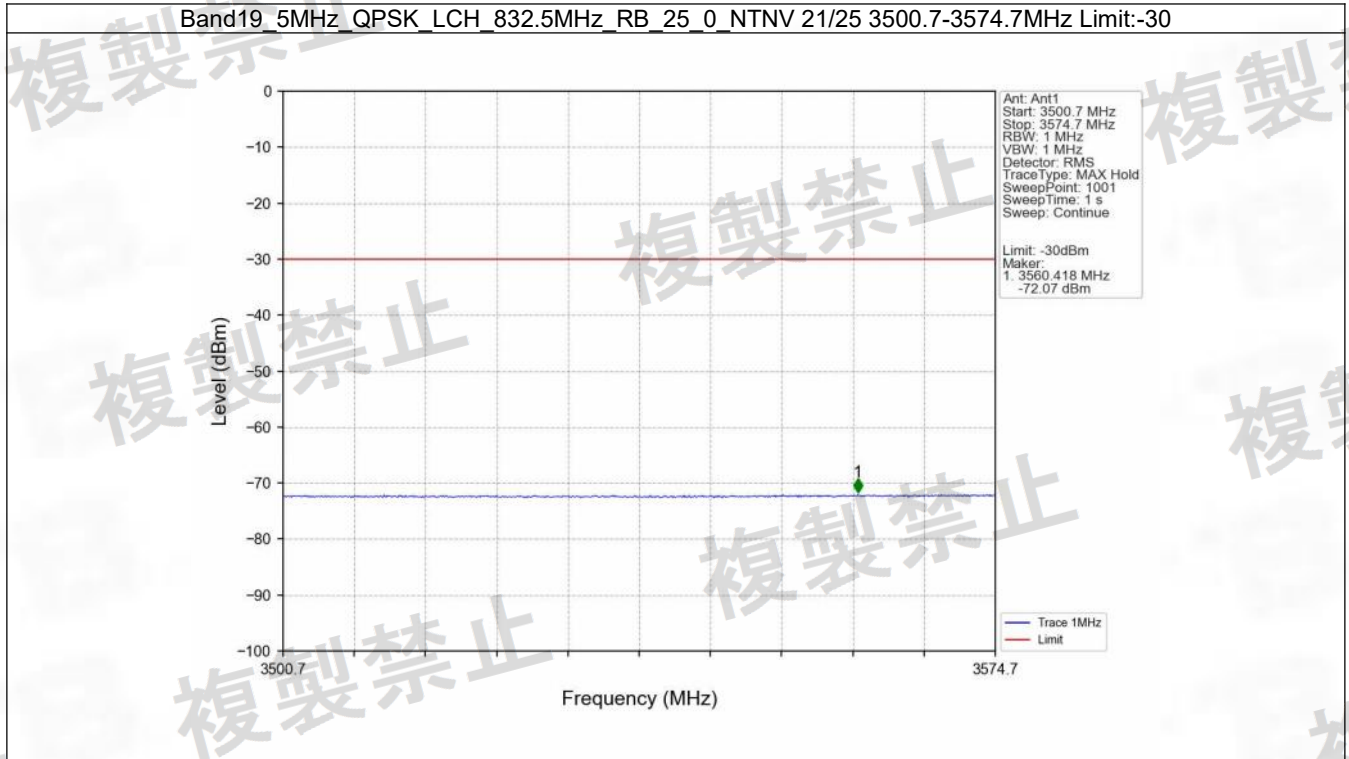


Band19 5MHz QPSK LCH 832.5MHz RB 25 0 NTN 19/25 3400-3419.3MHz Limit:-30

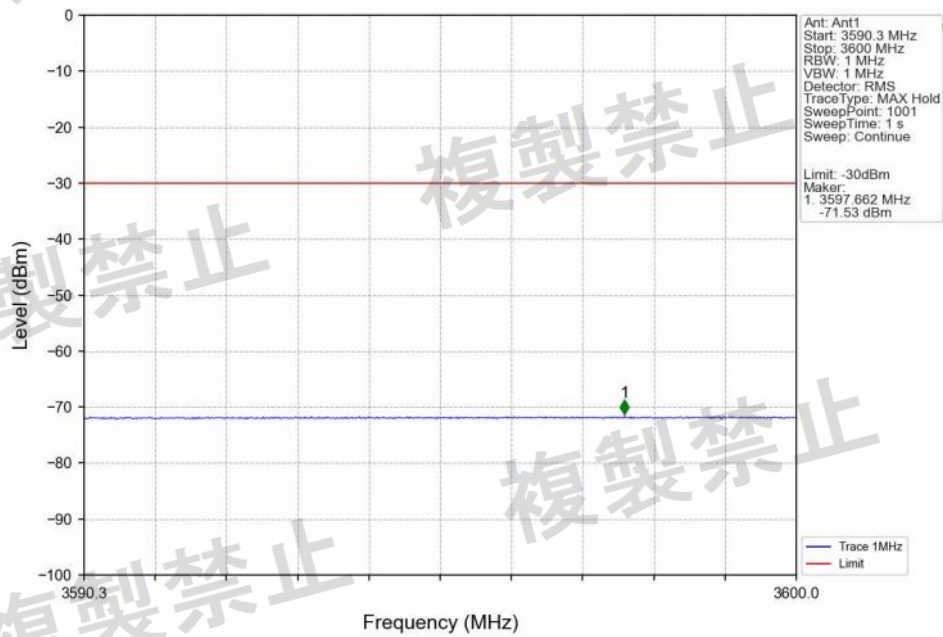


Band19 5MHz QPSK LCH 832.5MHz RB 25 0 NTN 20/25 3419.3-3500.7MHz Limit:-30

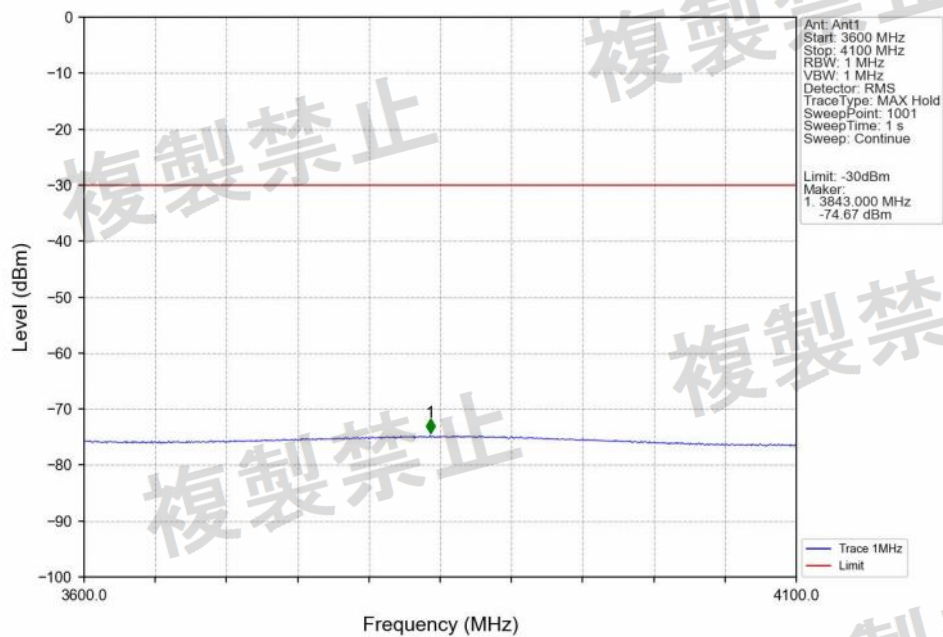




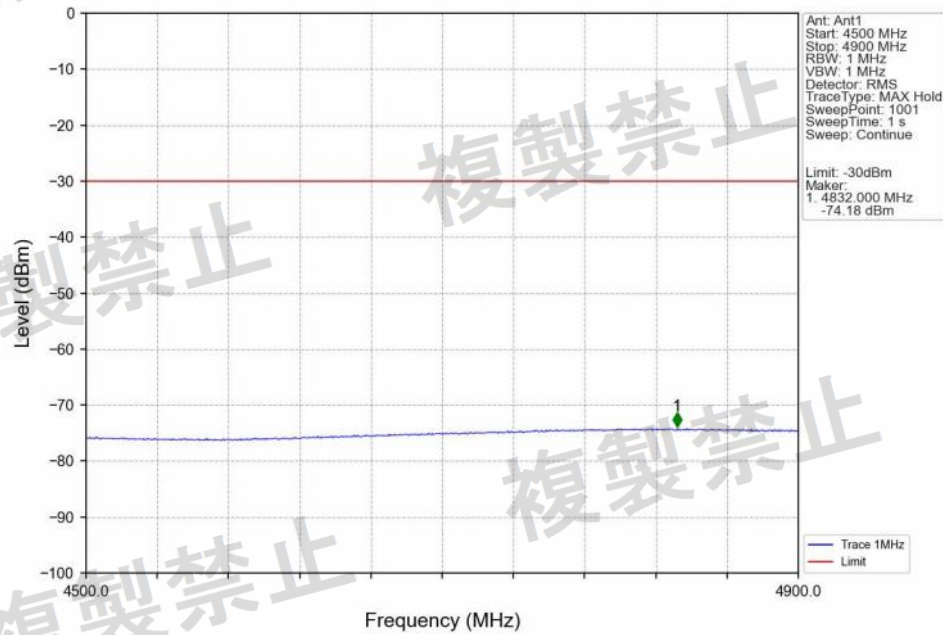
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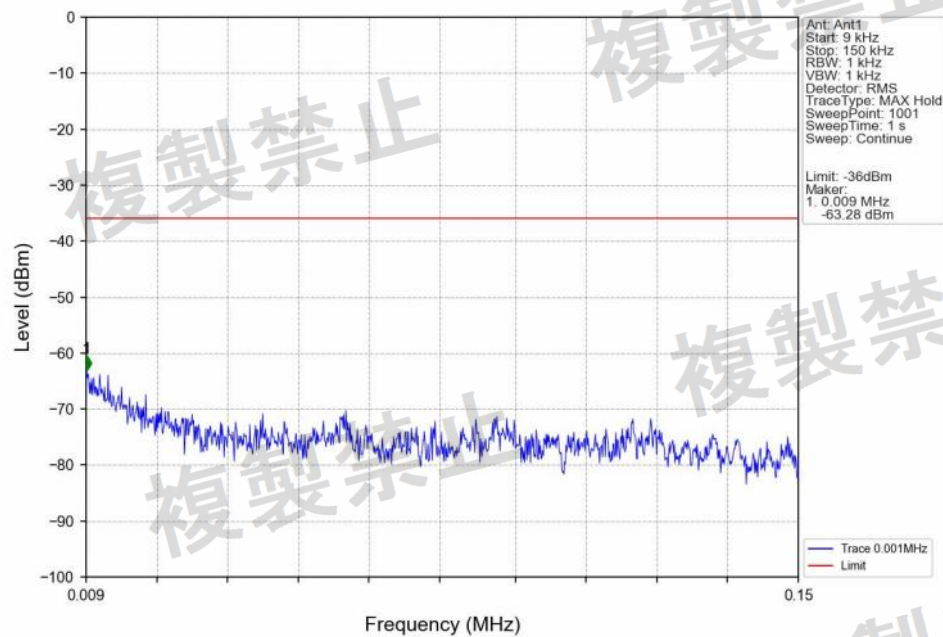
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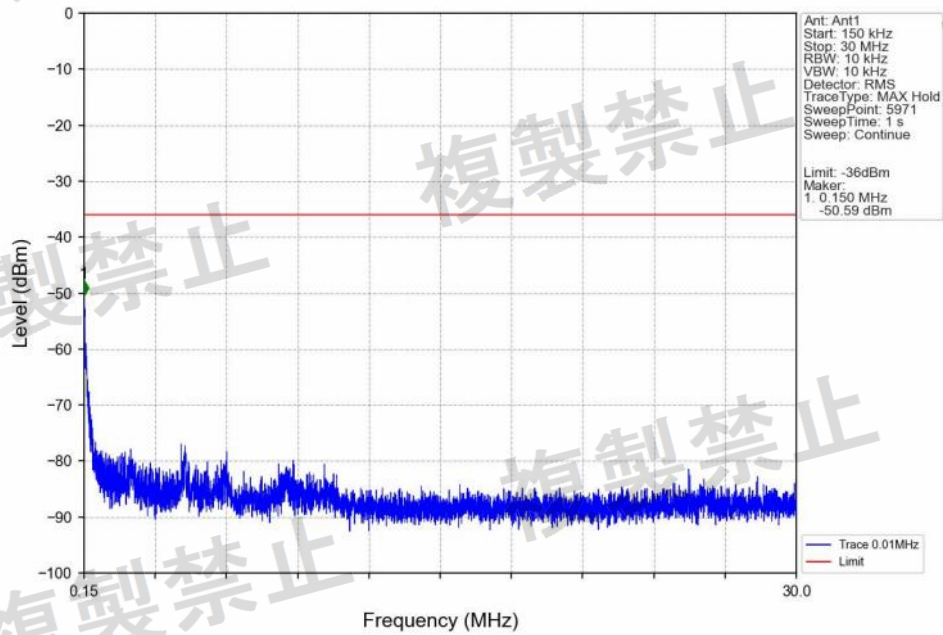
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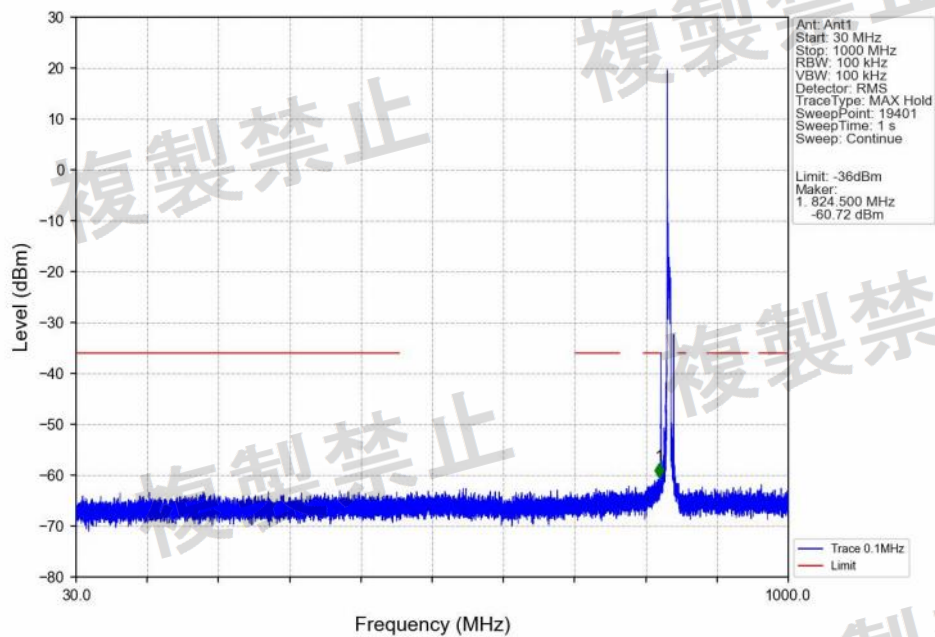
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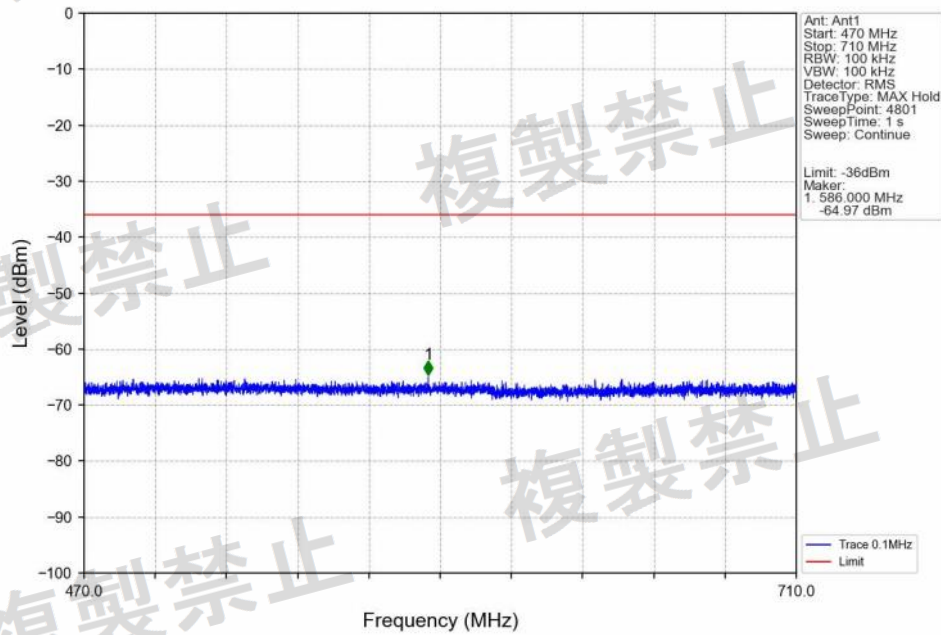
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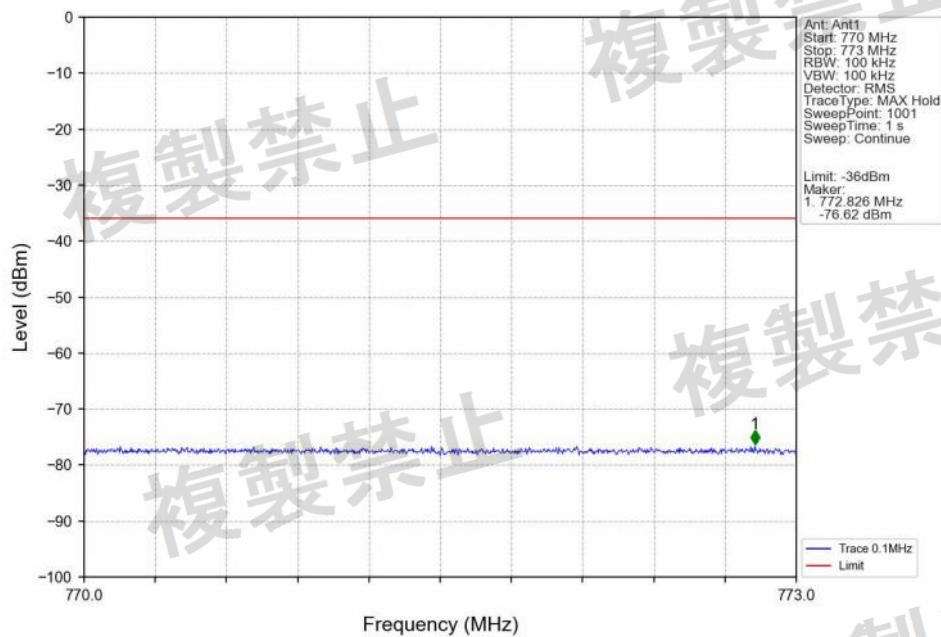
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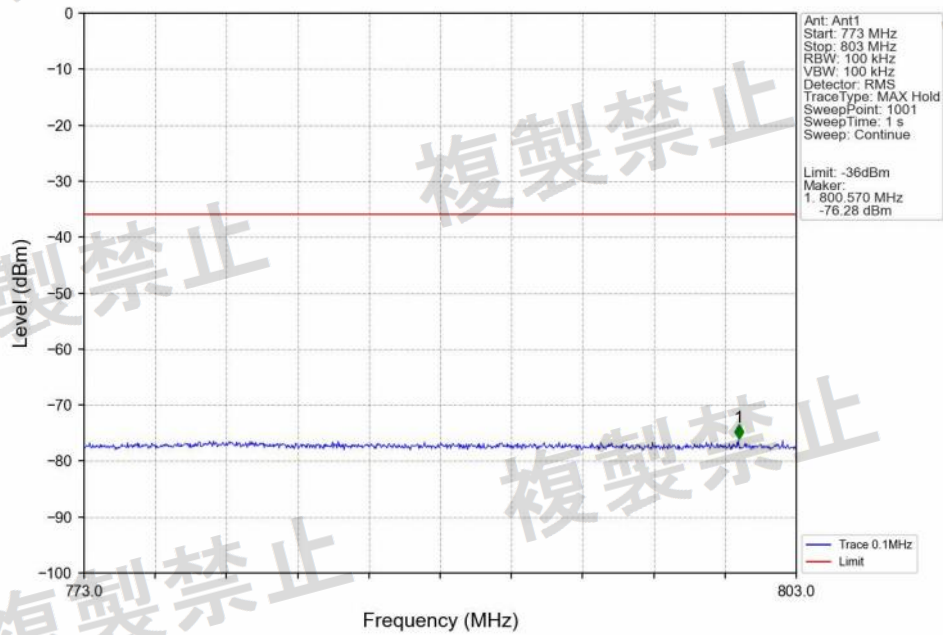
Band19 5MHz QPSK MCH 837.5MHz RB 1 0 NTVN 8/25 470-710MHz Limit:-36



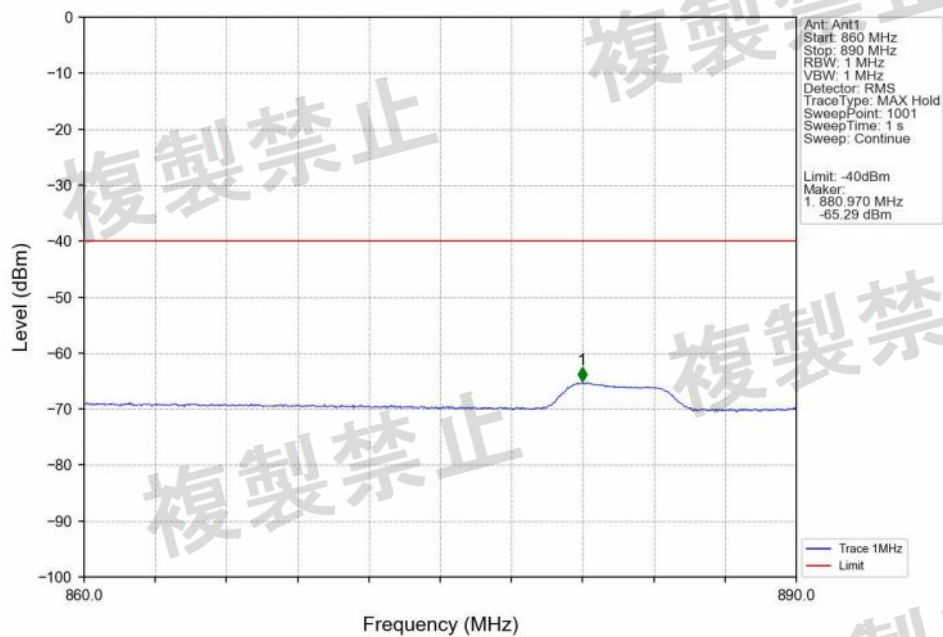
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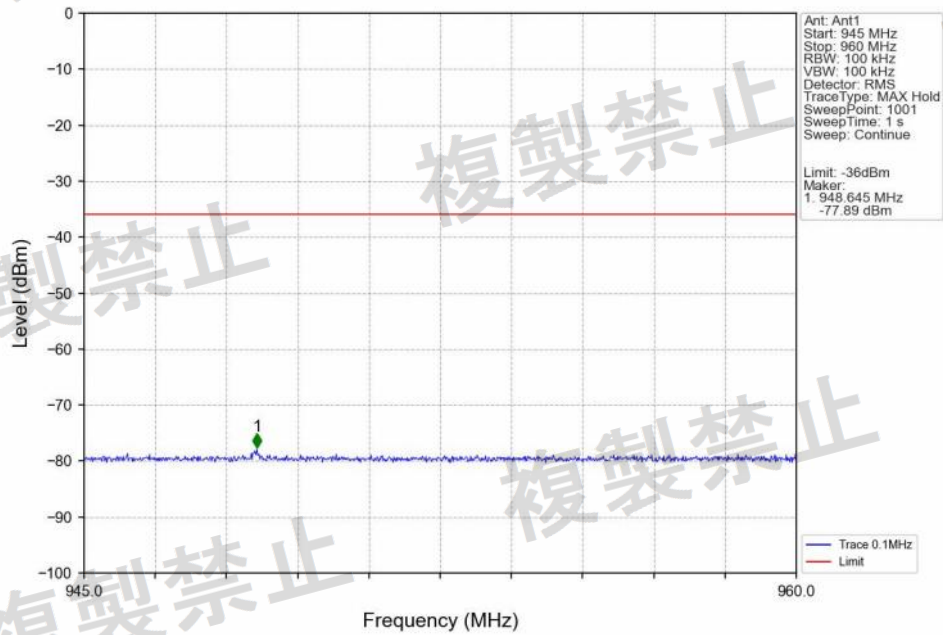
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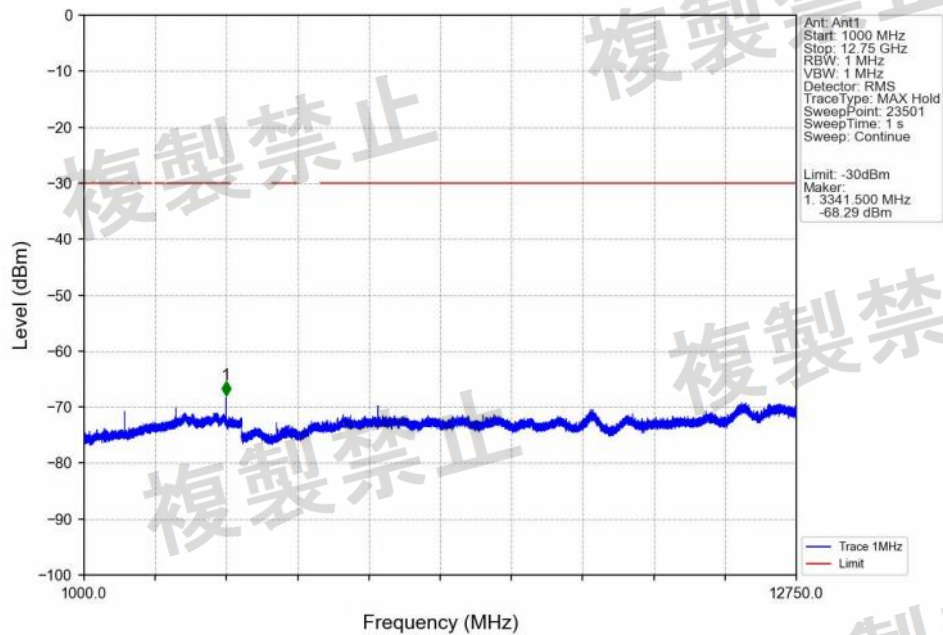
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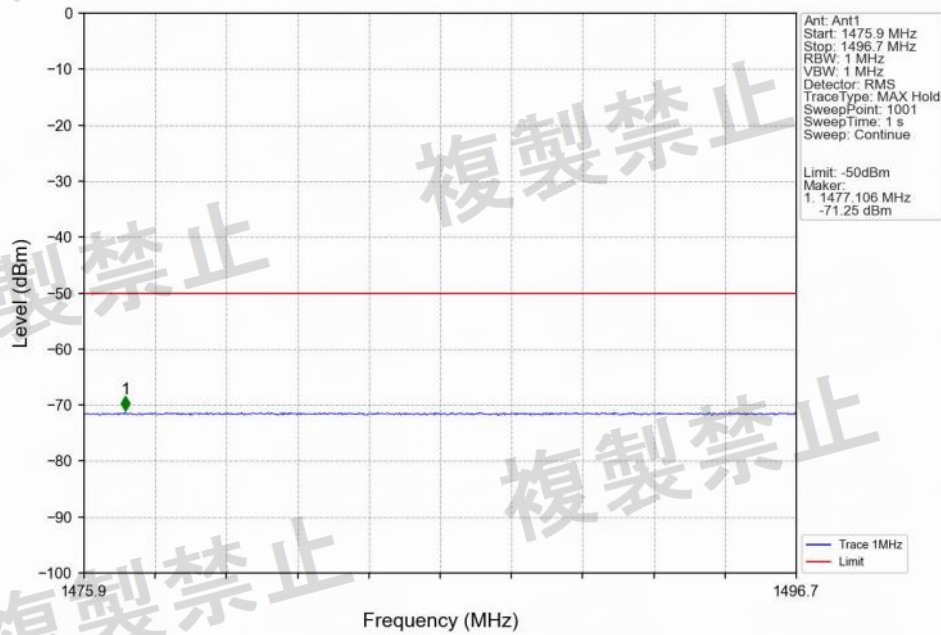
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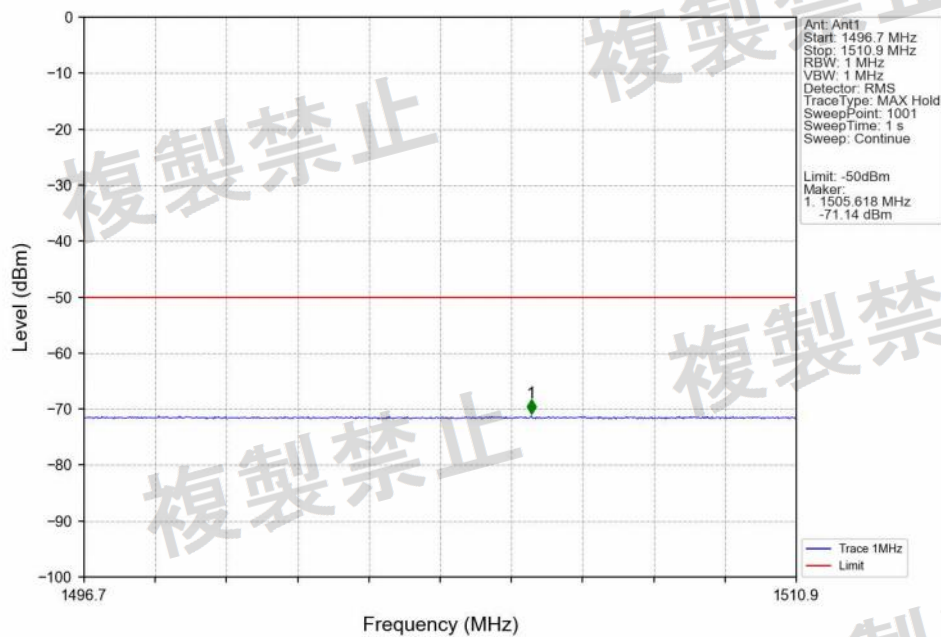
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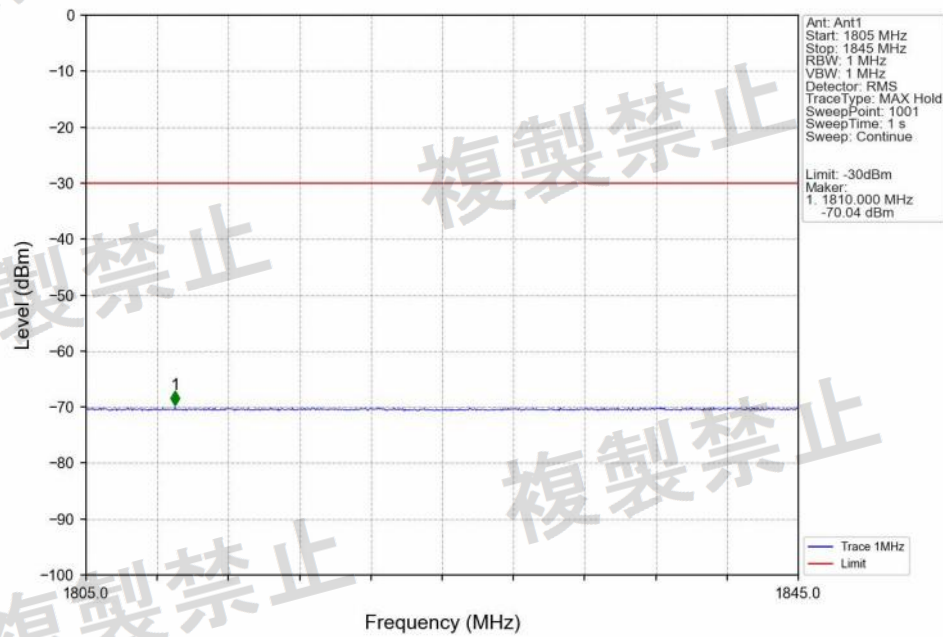
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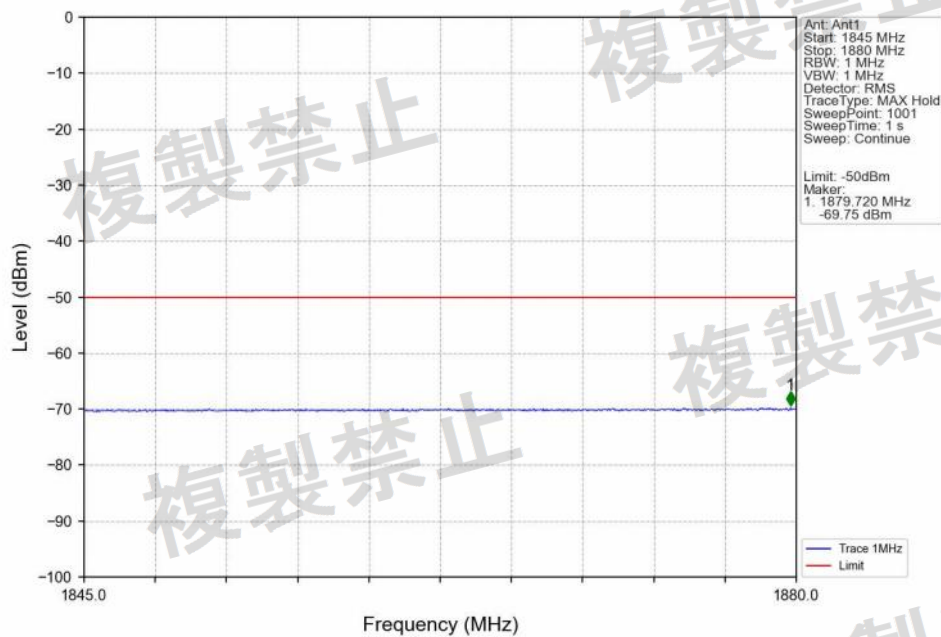
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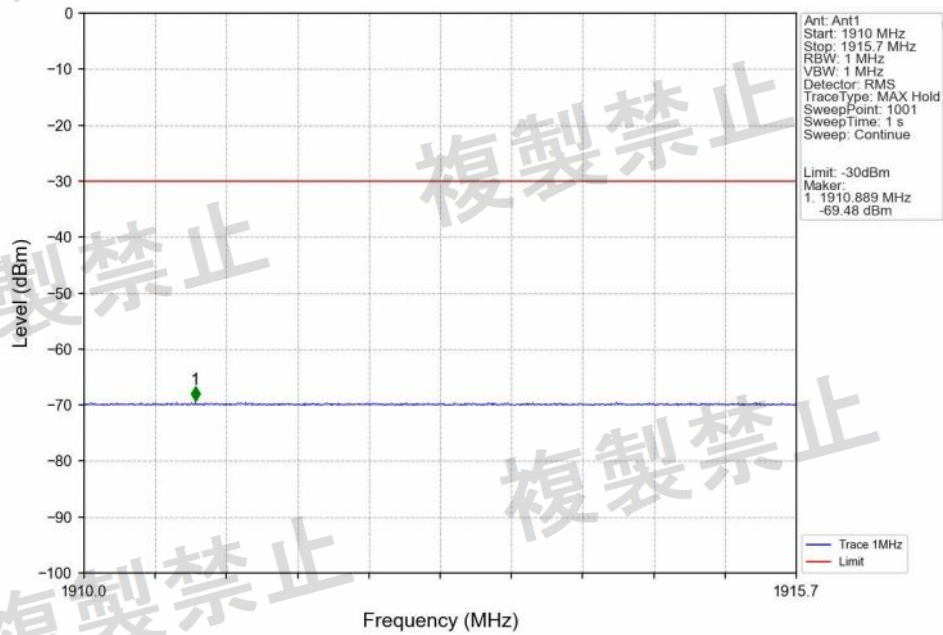
Band19 5MHz QPSK MCH 837.5MHz RB 1 0 NTNV 15/25 1805-1845MHz Limit:-30



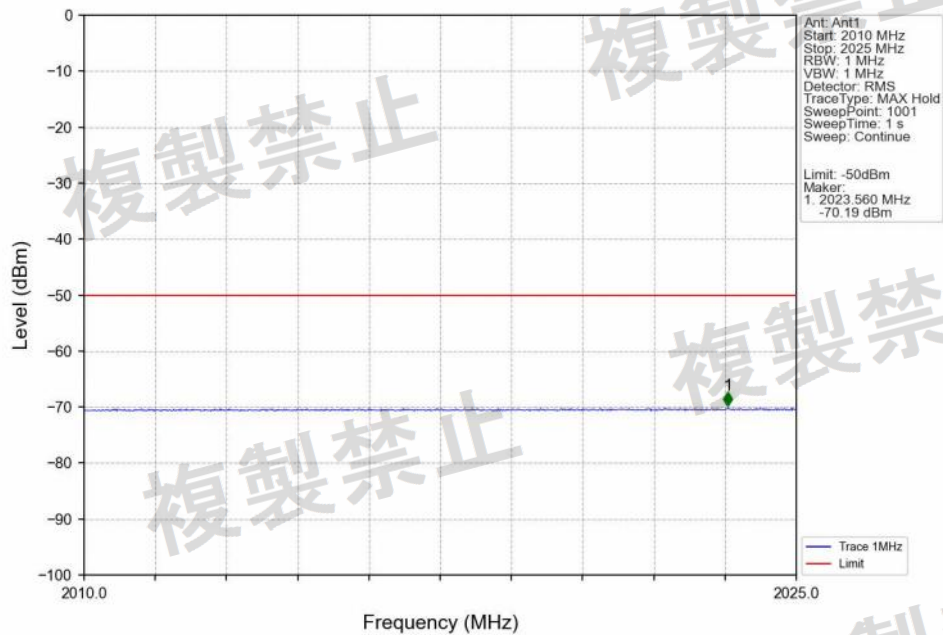
Band19 5MHz QPSK MCH 837.5MHz RB 1 0 NTNV 5/25 1845-1880MHz Limit:-50



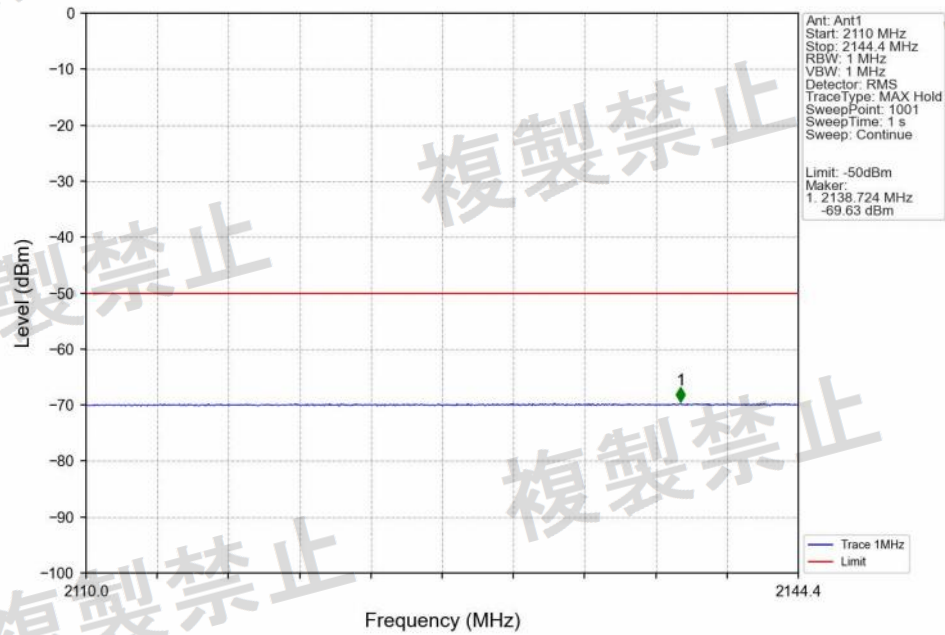
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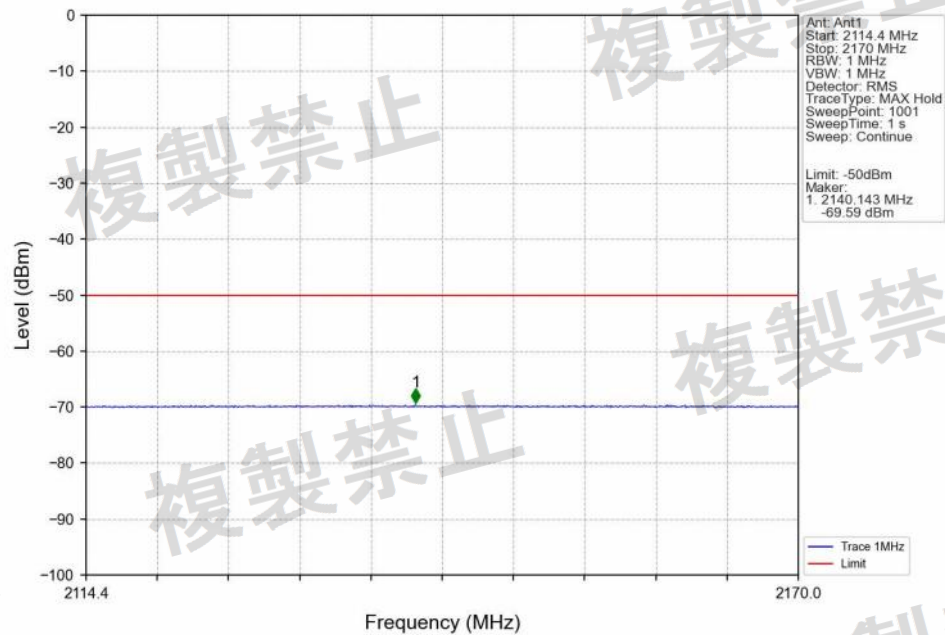
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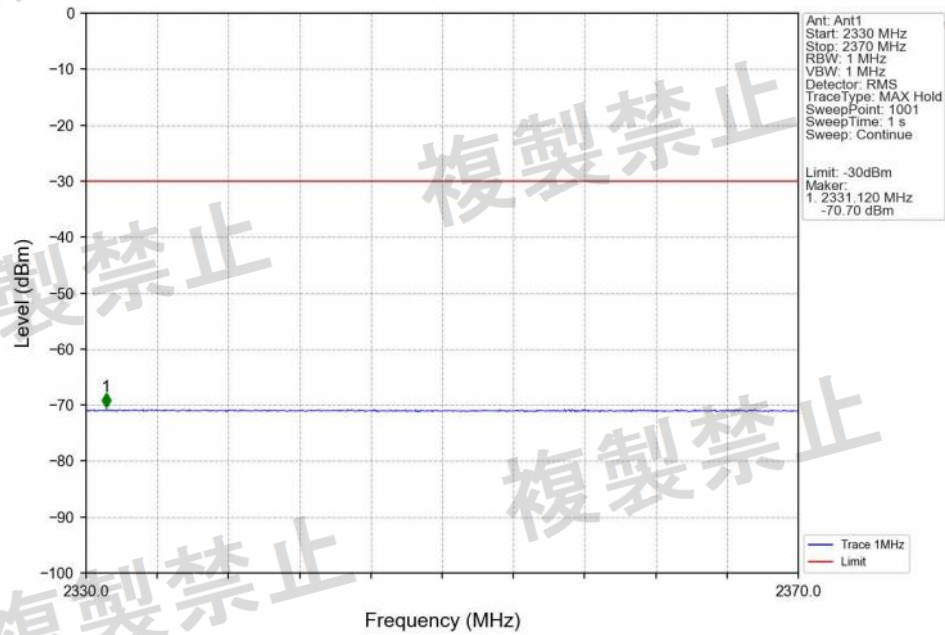
Band19_5MHz_QPSK_MCH_837.5MHz_RB_1_0_NTNV 7/25 2110-2144.4MHz Limit:-50



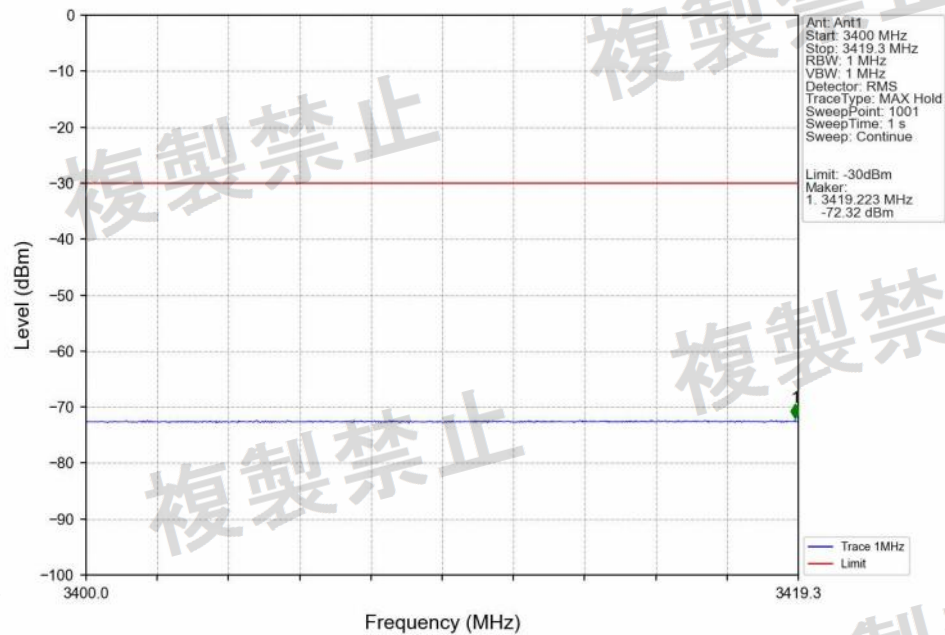
Band19_5MHz_QPSK_MCH_837.5MHz_RB_1_0_NTNV 17/25 2114.4-2170MHz Limit:-50

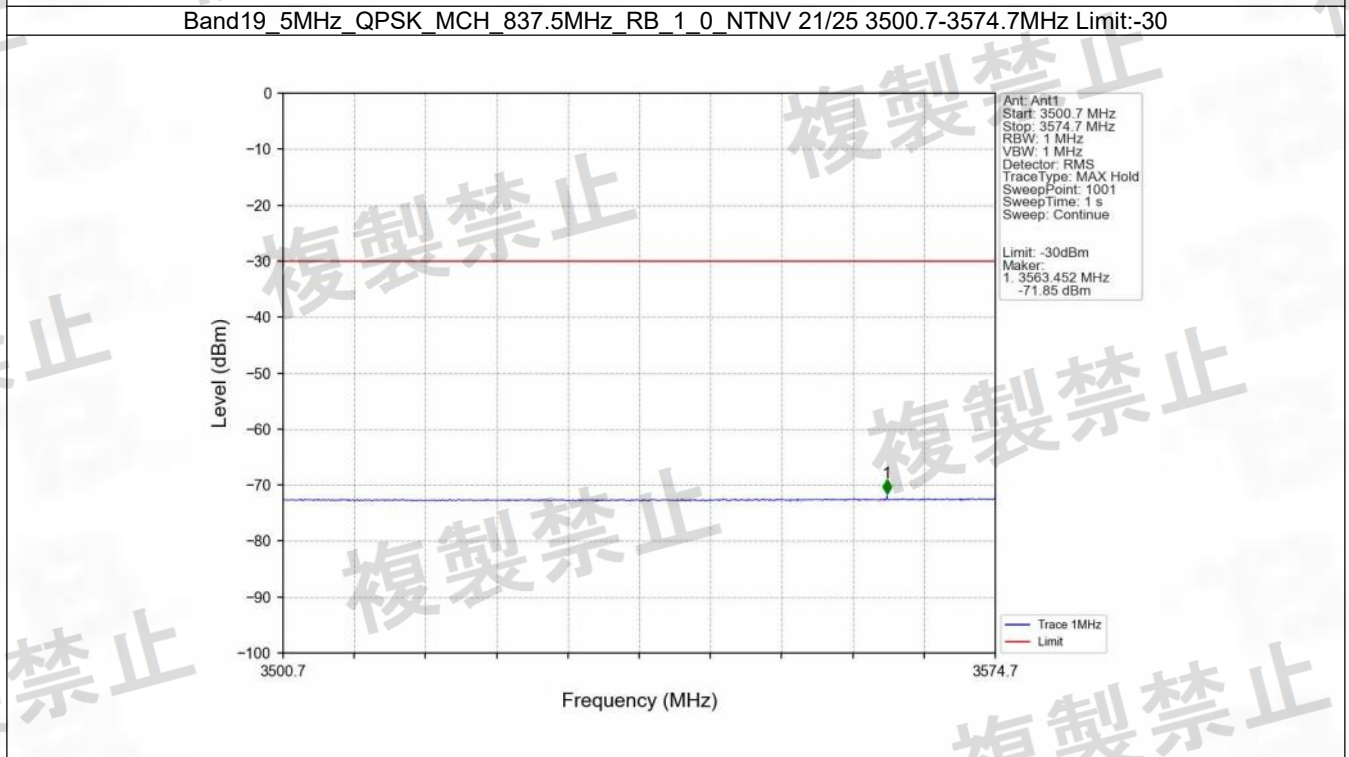
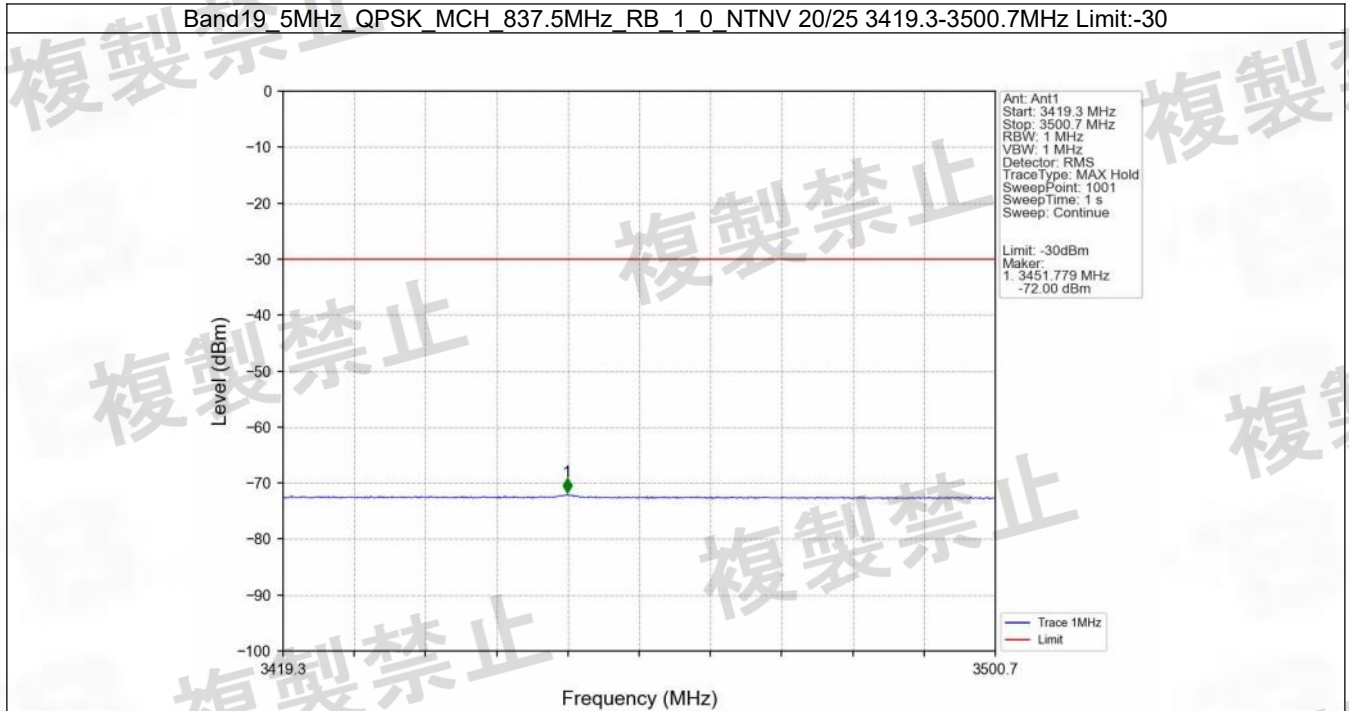


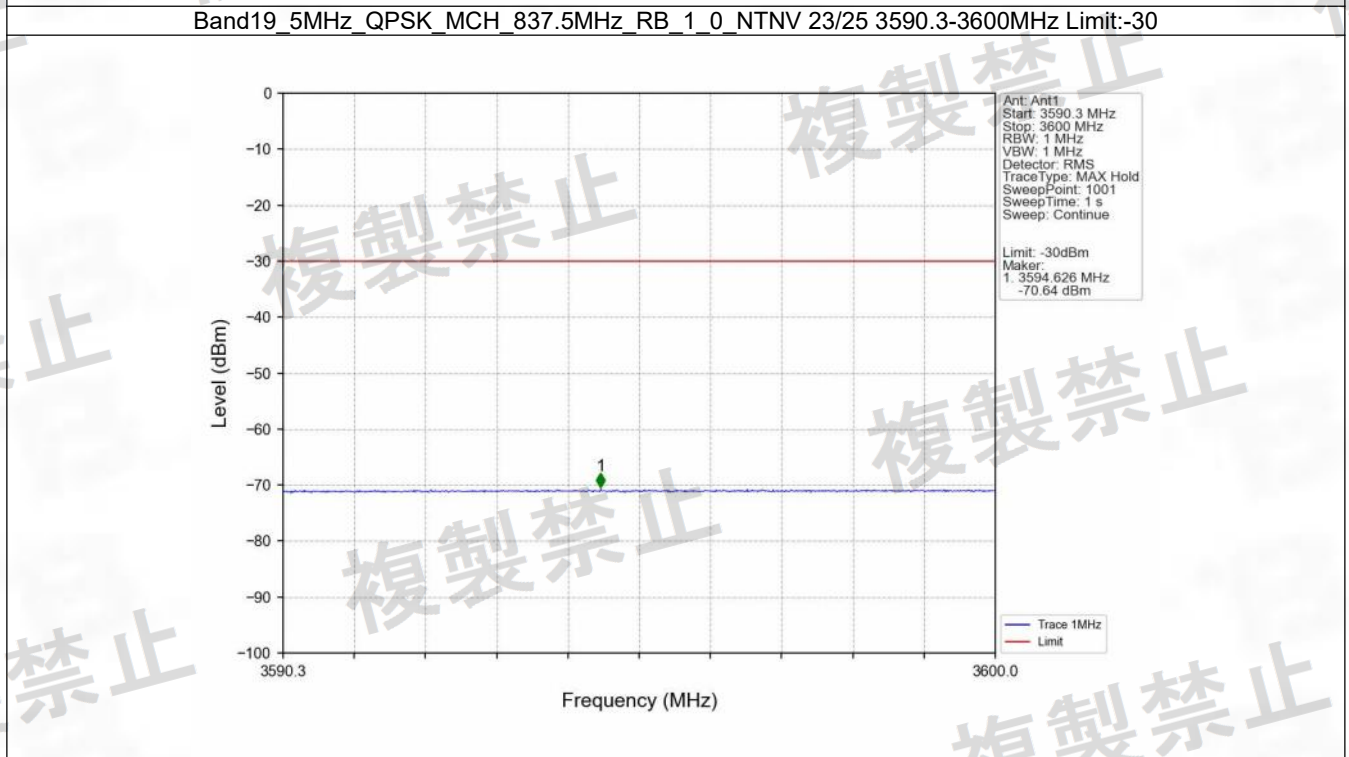
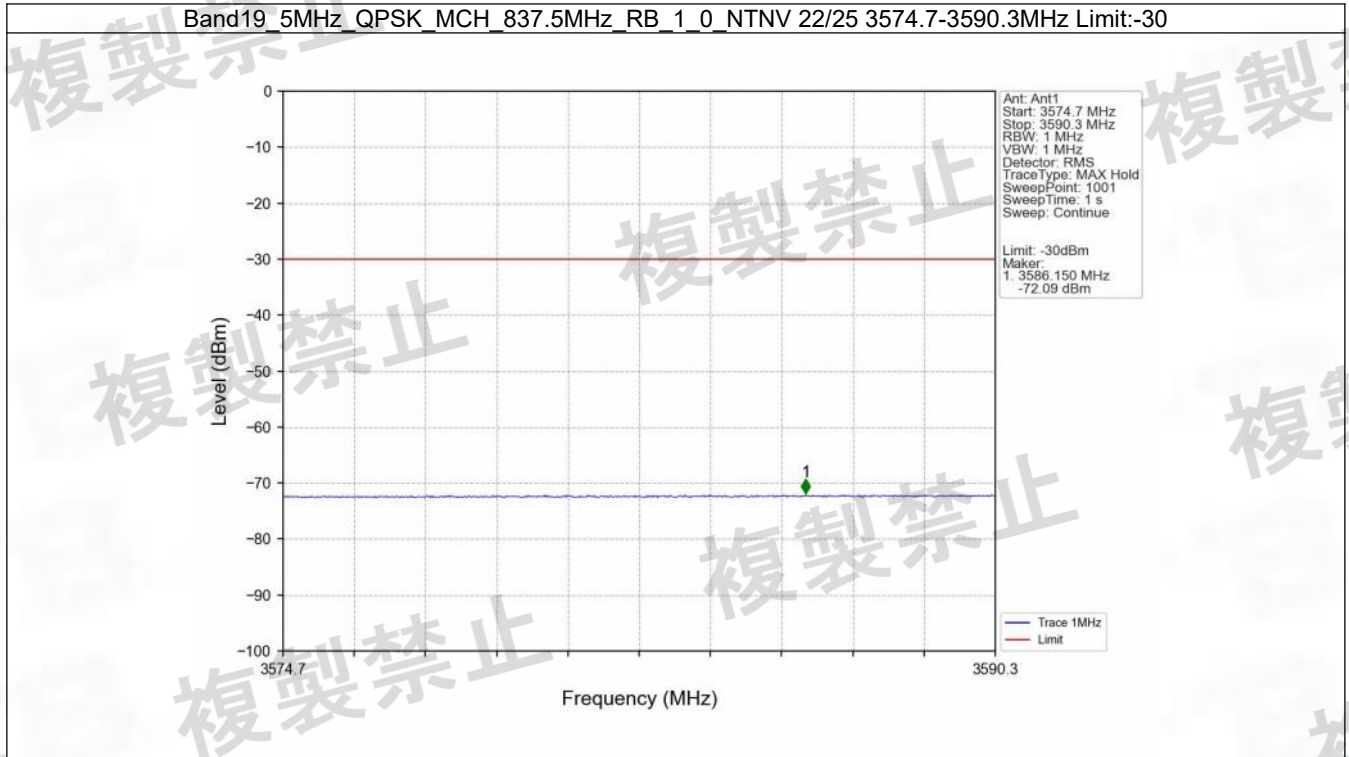
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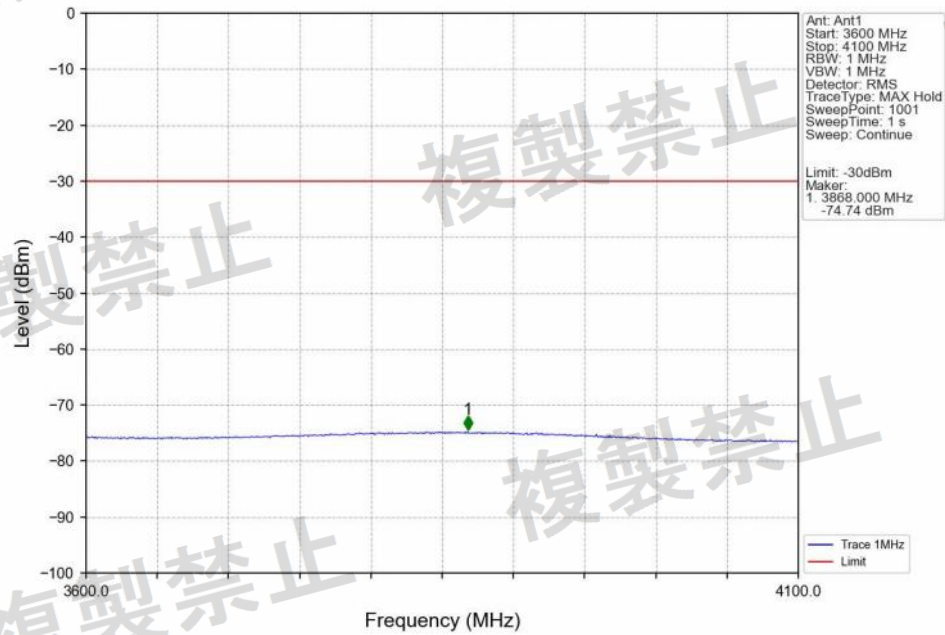
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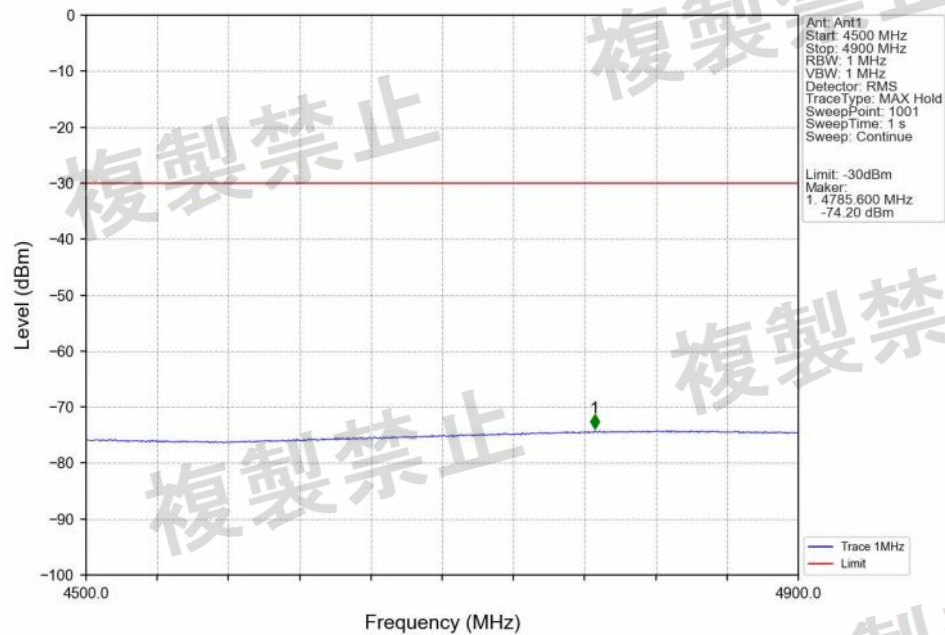




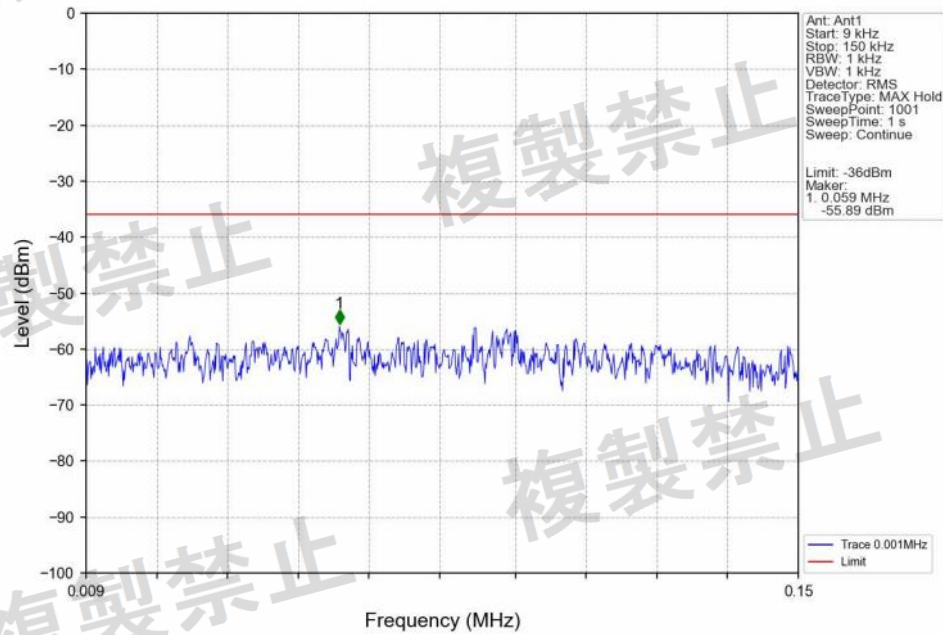
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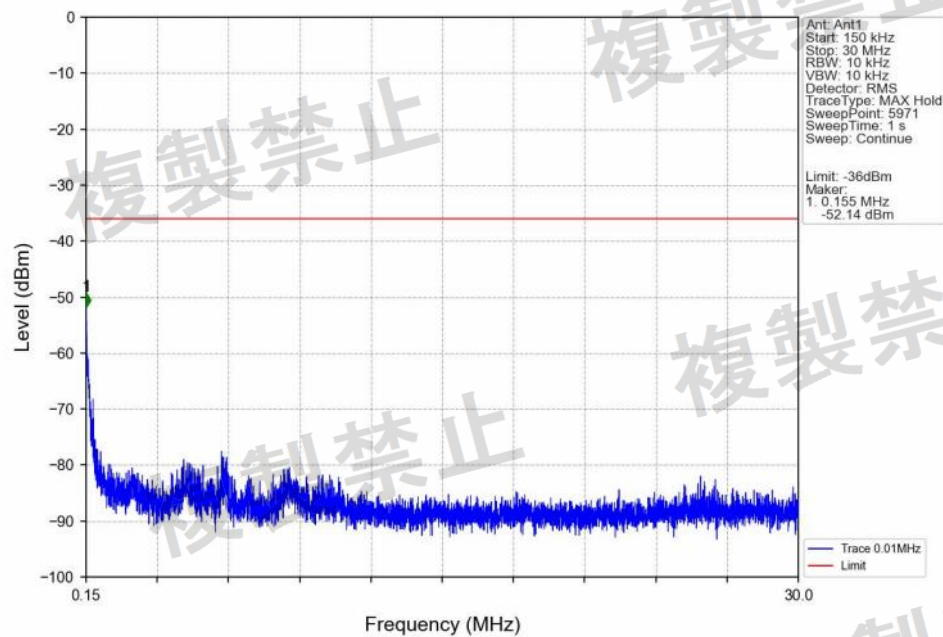
Band19 5MHz QPSK MCH 837.5MHz RB 1 0 NTNV 25/25 4500-4900MHz Limit:-30



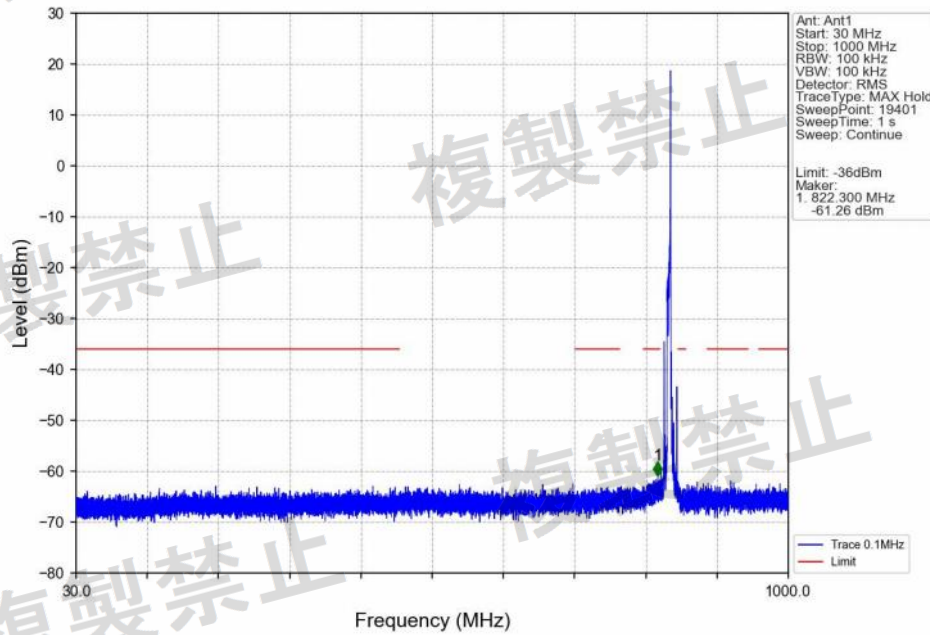
Band19_5MHz_QPSK_MCH_837.5MHz_RB_1_24_NTNV 1/25 0.009-0.15MHz Limit:-36



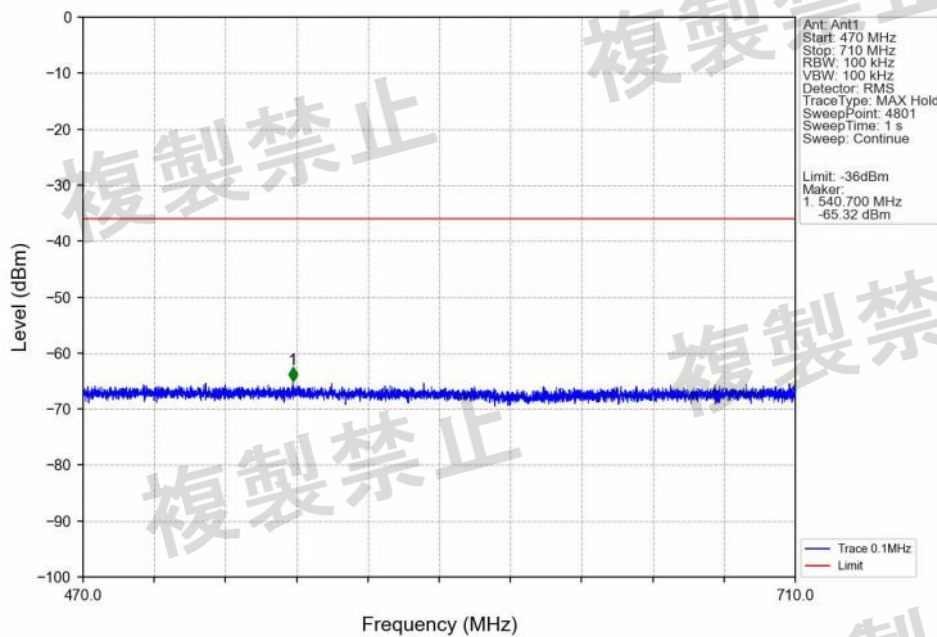
Band19_5MHz_QPSK_MCH_837.5MHz_RB_1_24_NTNV 2/25 0.15-30MHz Limit:-36



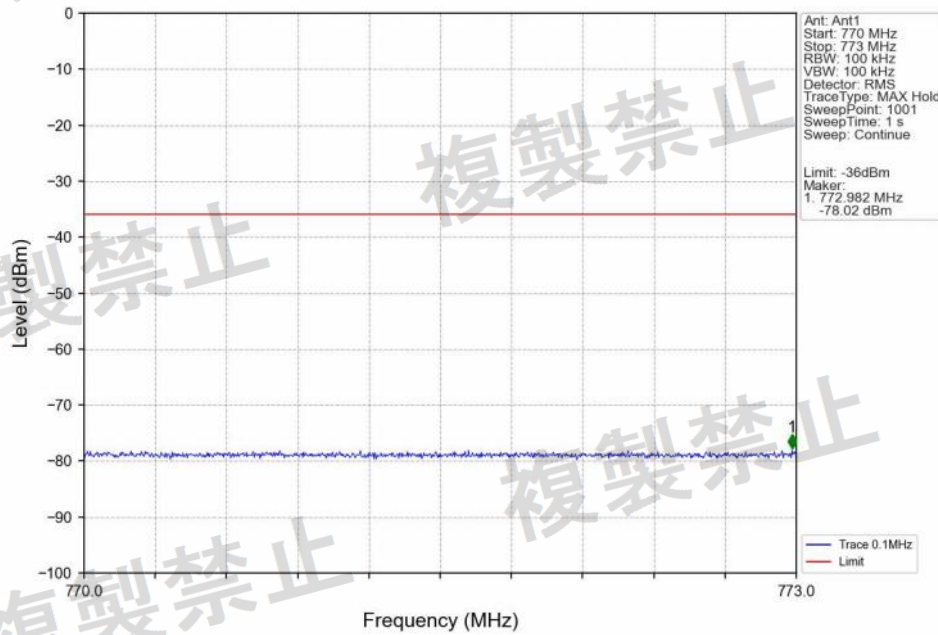
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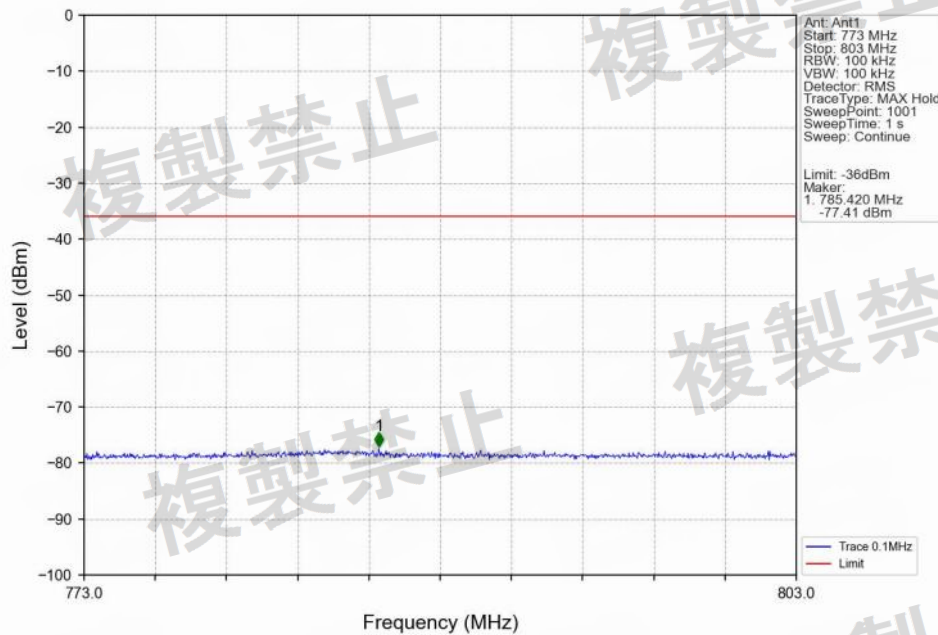
Band19_5MHz_QPSK_MCH_837.5MHz_RB_1_24_NTNV_8/25_470-710MHz_Limit:-36



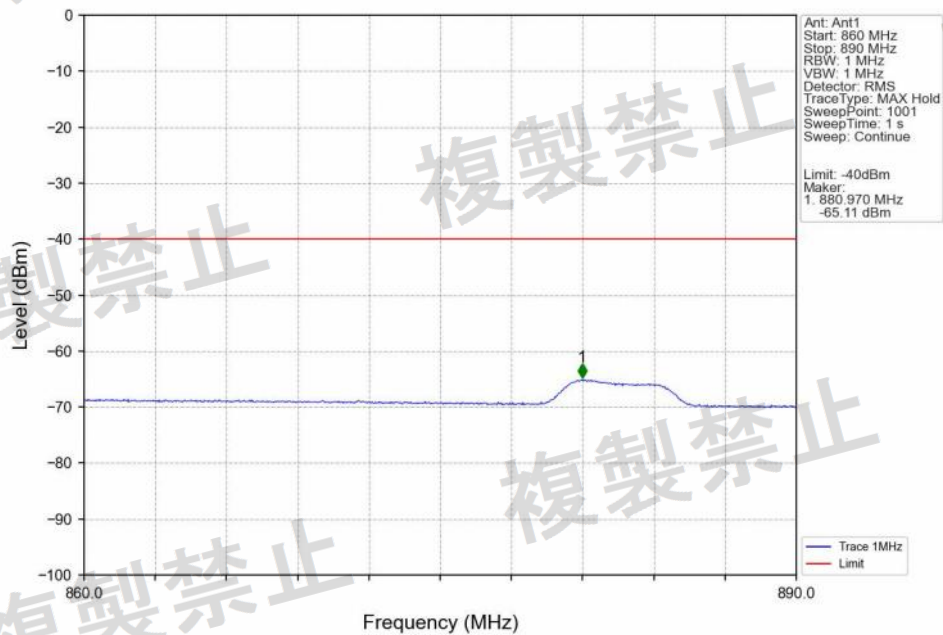
Band19_5MHz_QPSK_MCH_837.5MHz_RB_1_24_NTNV 9/25 770-773MHz Limit:-36



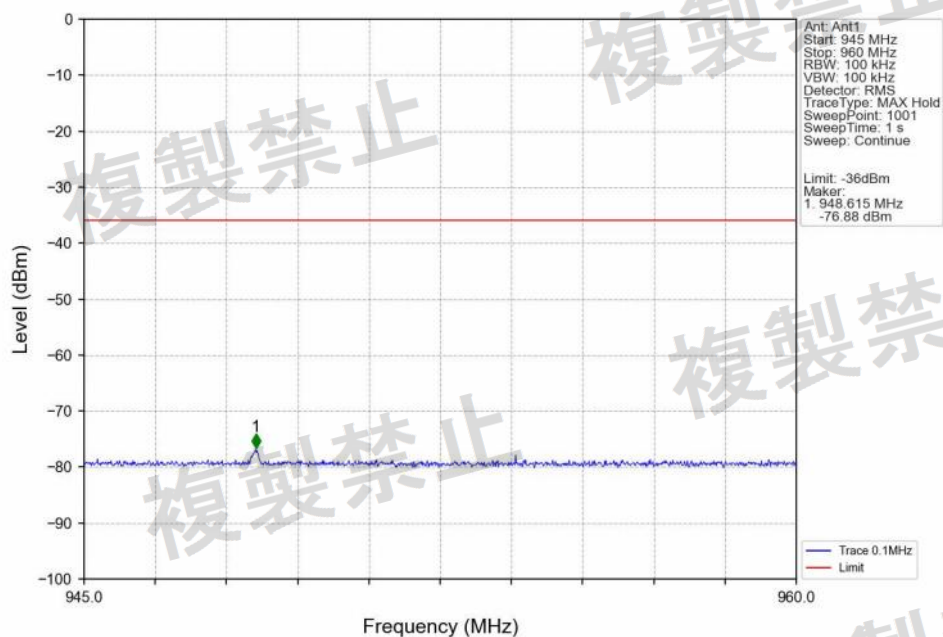
Band19_5MHz_QPSK_MCH_837.5MHz_RB_1_24_NTNV 10/25 773-803MHz Limit:-36



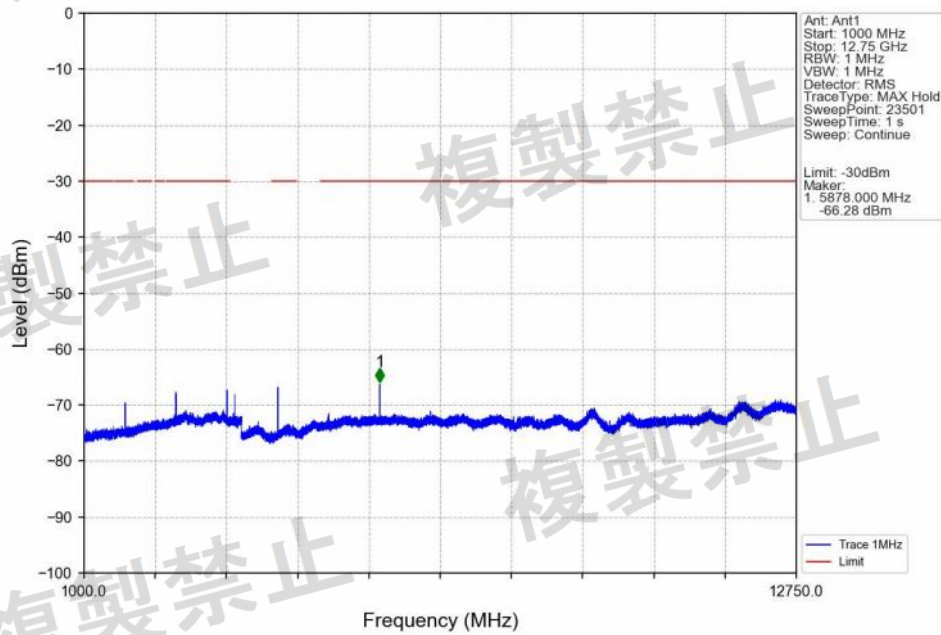
Band19 5MHz QPSK MCH 837.5MHz RB 1 24 NTV 11/25 860-890MHz Limit:-40



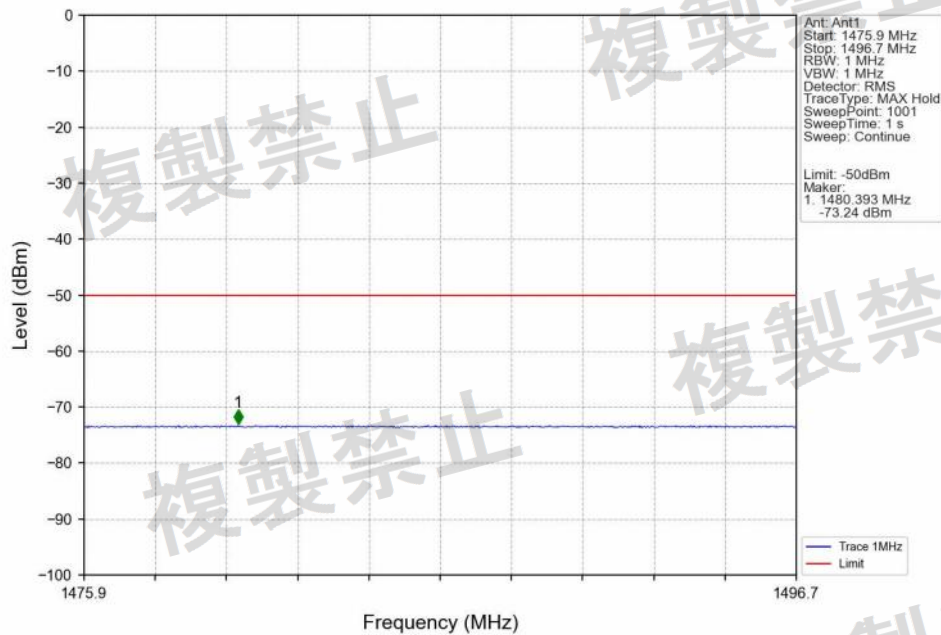
Band19 5MHz QPSK MCH 837.5MHz RB 1 24 NTV 12/25 945-960MHz Limit:-36



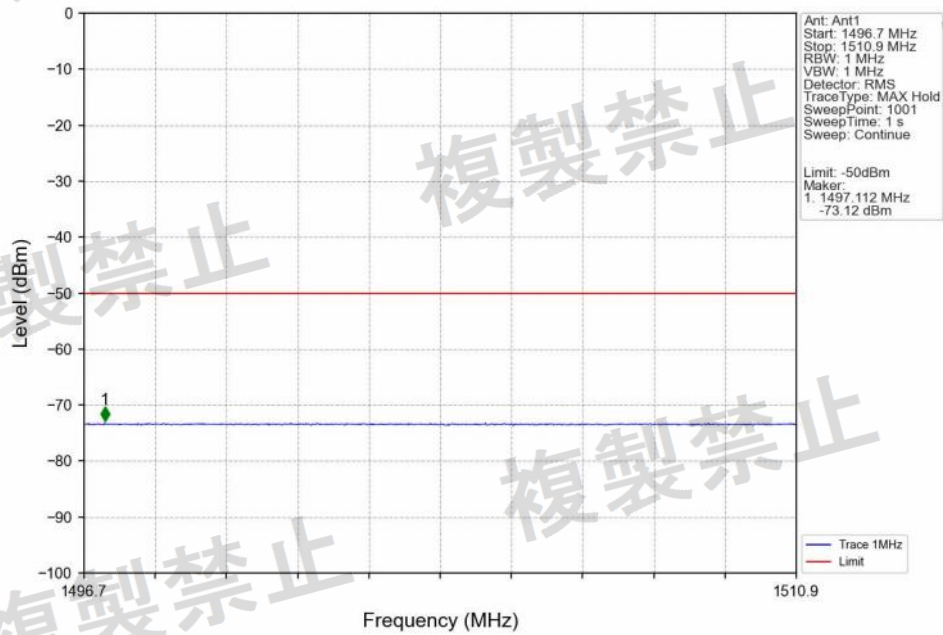
Band19 5MHz QPSK MCH 837.5MHz RB 1 24 NTNV 4/25 1000-12750MHz Limit:-30



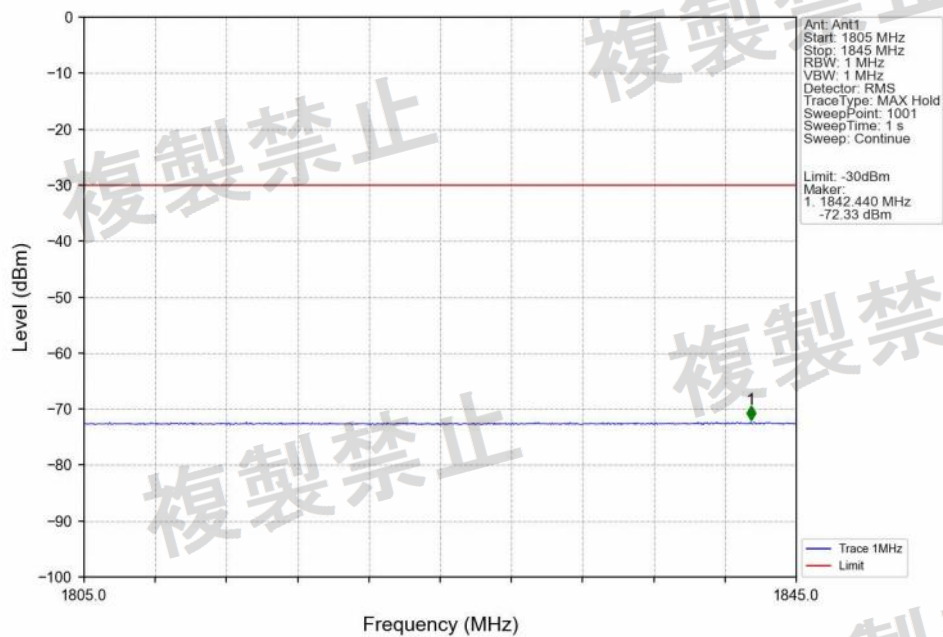
Band19 5MHz QPSK MCH 837.5MHz RB 1 24 NTNV 13/25 1475.9-1496.7MHz Limit:-50



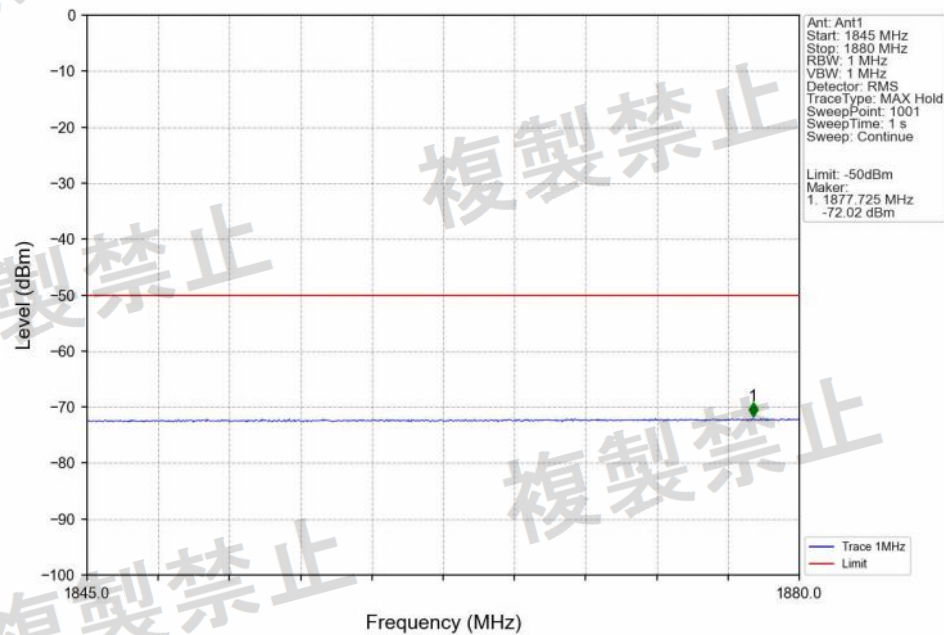
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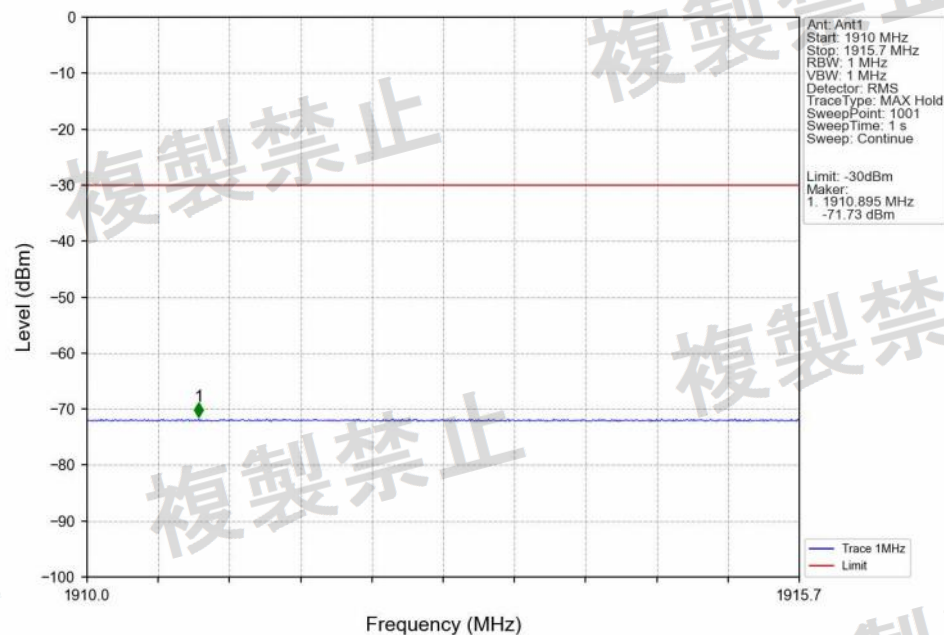
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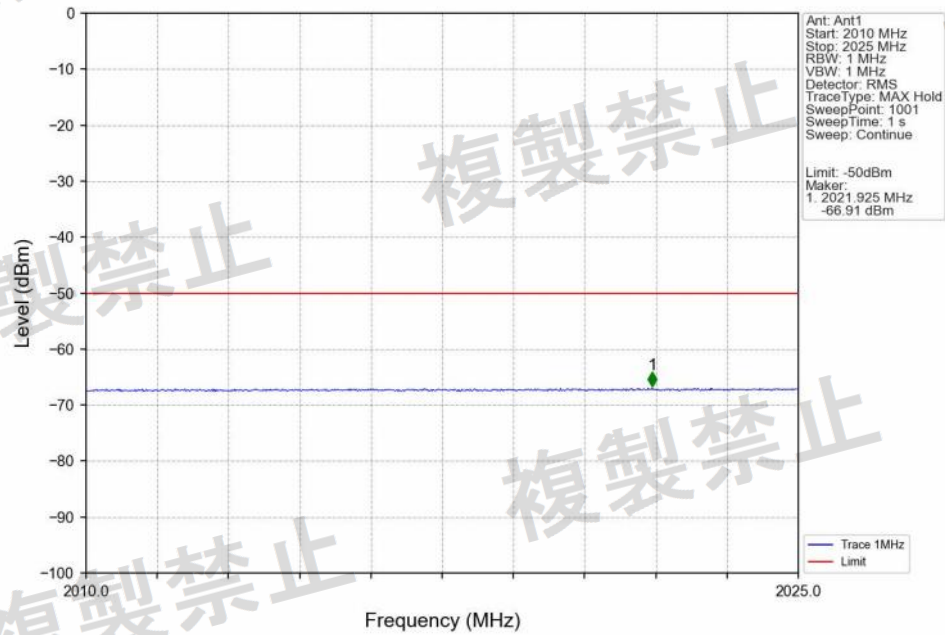
Band19_5MHz_QPSK_MCH_837.5MHz_RB_1_24_NTNV 5/25 1845-1880MHz Limit:-50



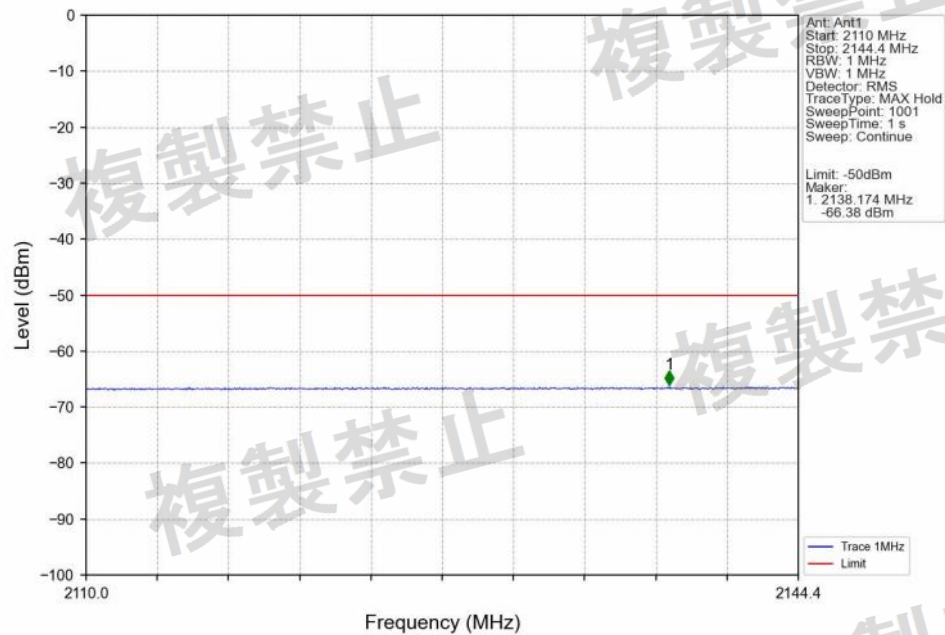
Band19_5MHz_QPSK_MCH_837.5MHz_RB_1_24_NTNV 16/25 1910-1915.7MHz Limit:-30



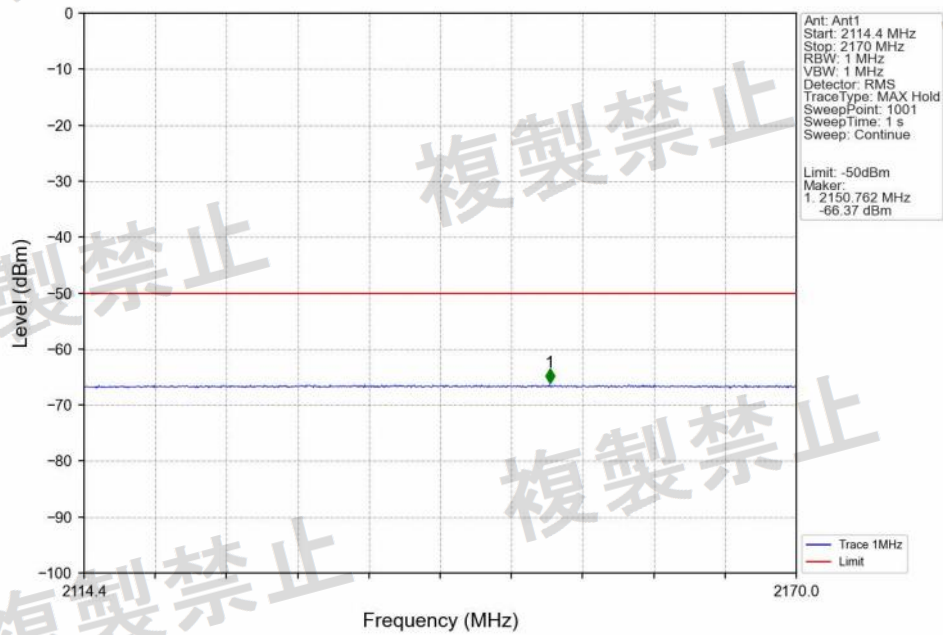
Band19_5MHz_QPSK_MCH_837.5MHz_RB_1_24_NTNV 6/25 2010-2025MHz Limit:-50



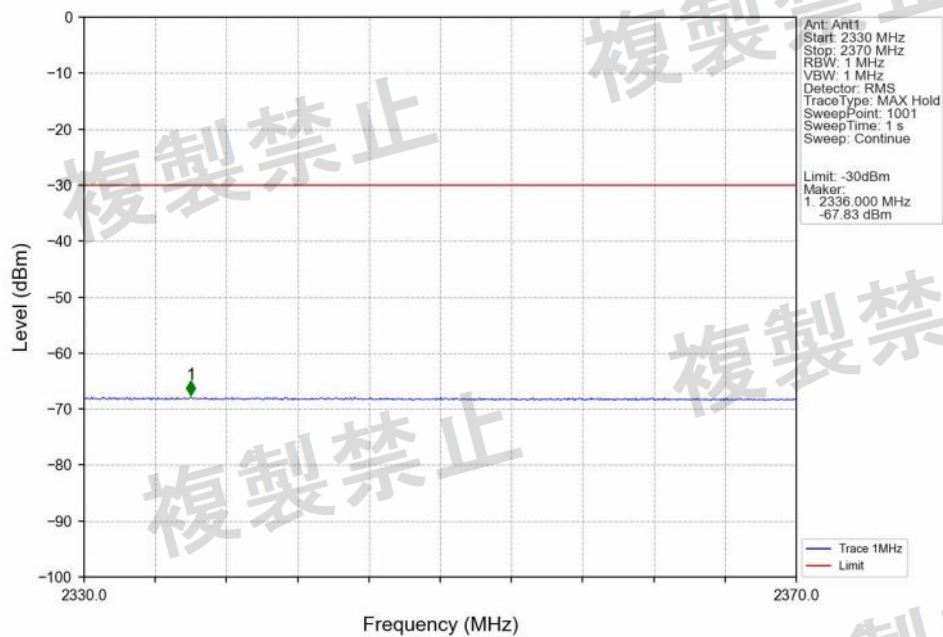
Band19_5MHz_QPSK_MCH_837.5MHz_RB_1_24_NTNV 7/25 2110-2144.4MHz Limit:-50

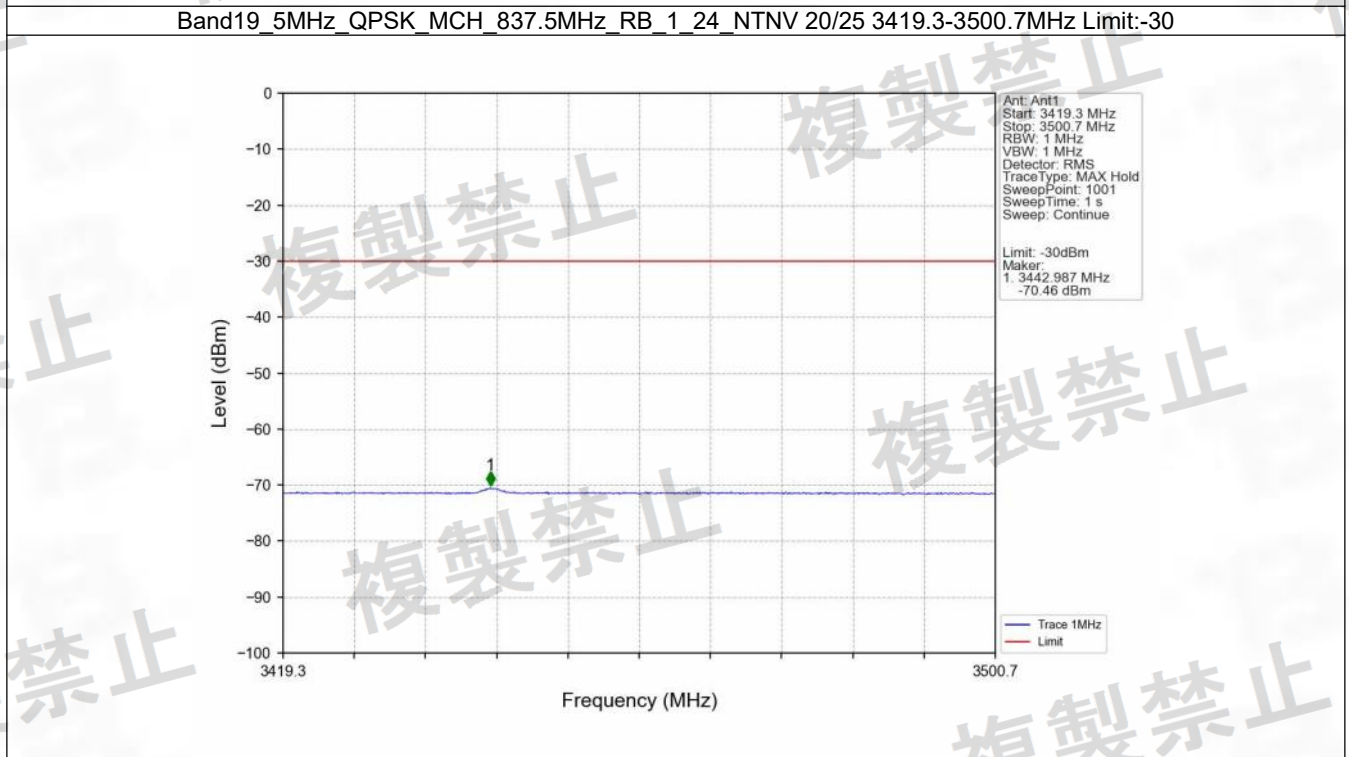
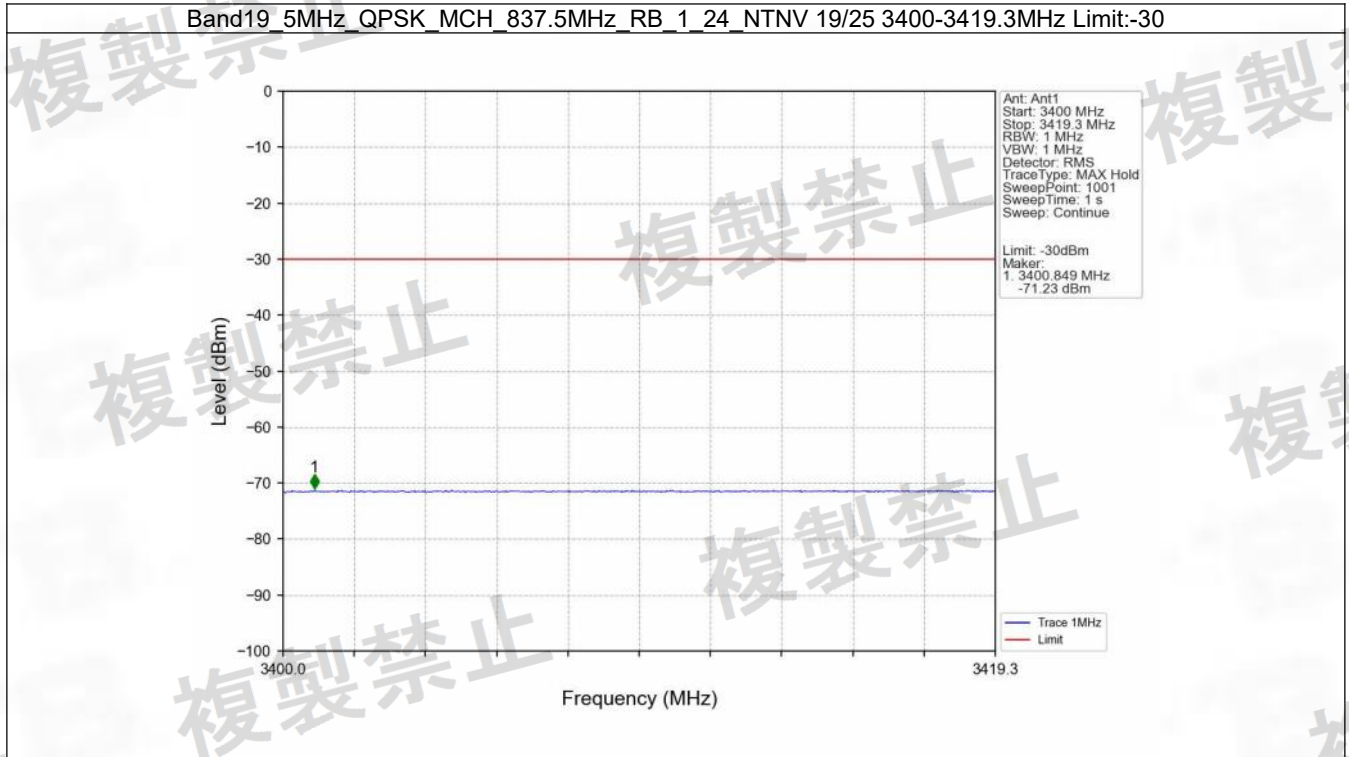


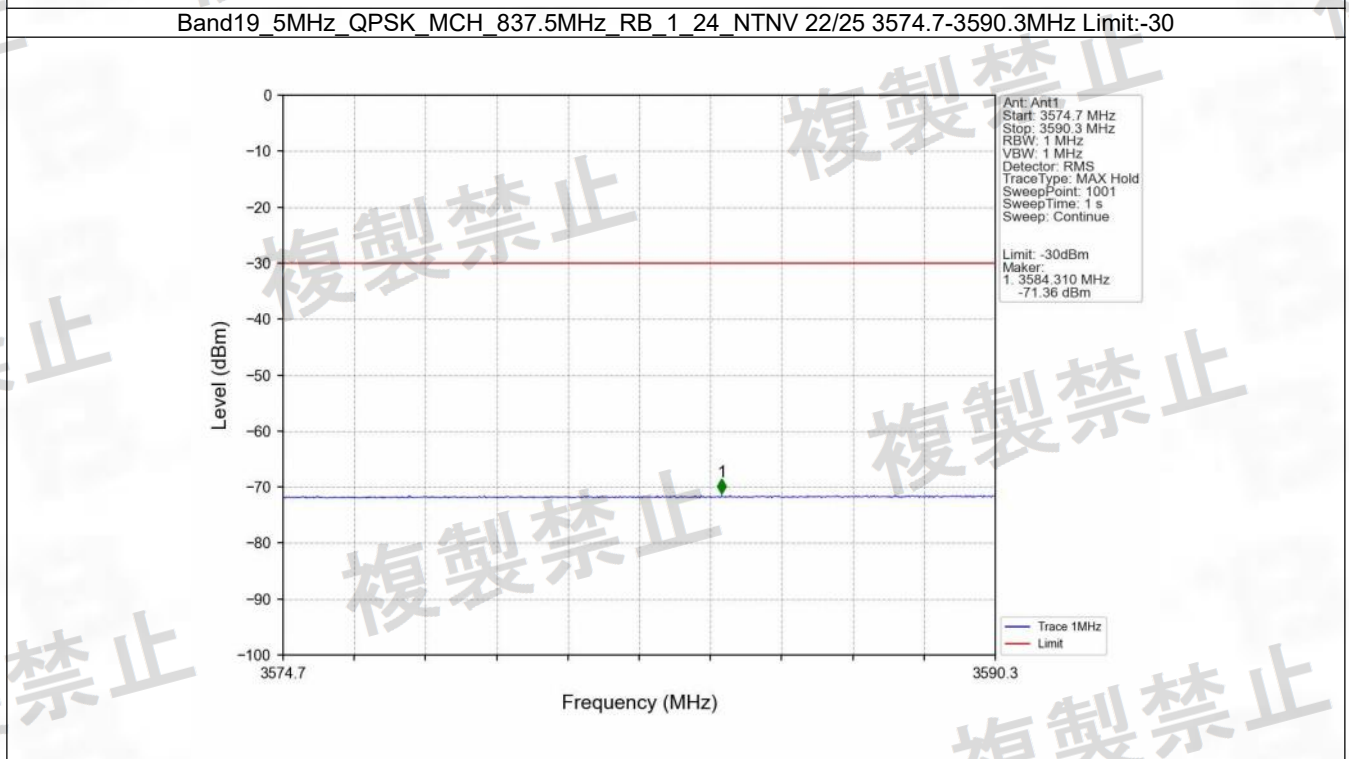
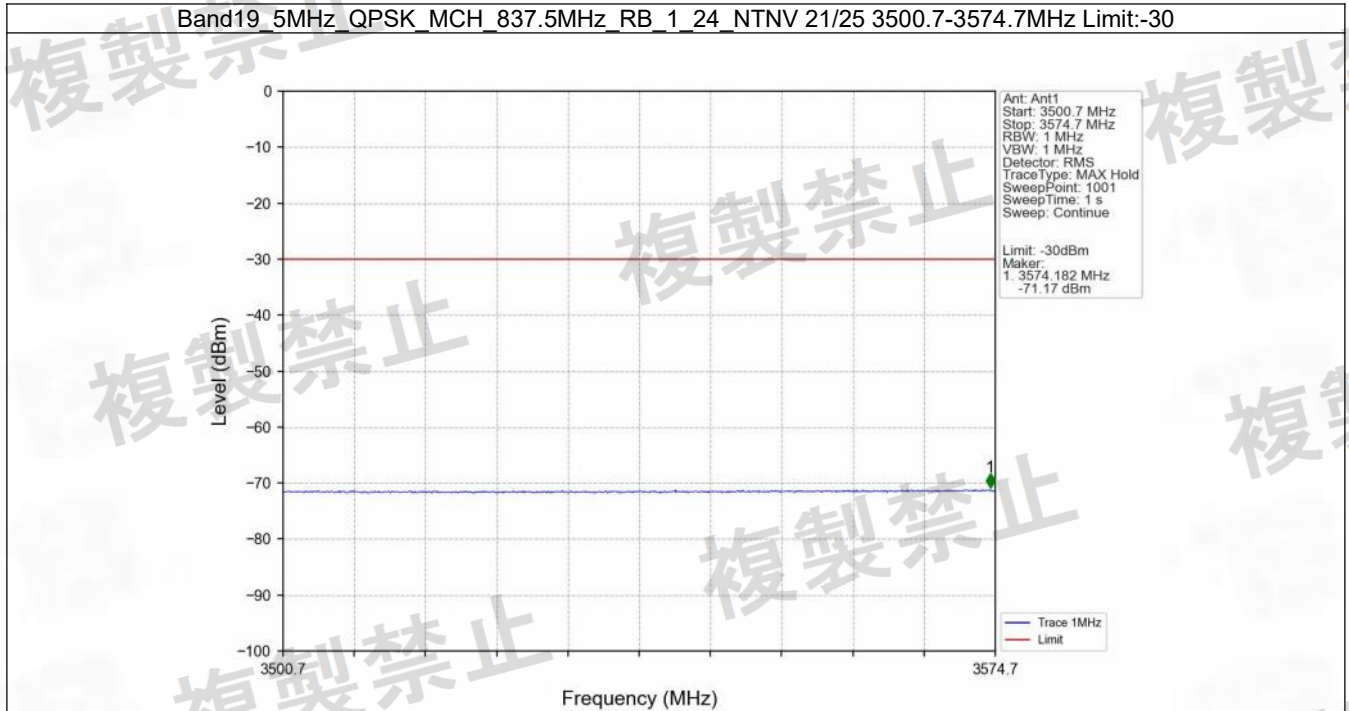
Band19 5MHz QPSK_MCH_837.5MHz_RB_1_24_NTNV 17/25 2114.4-2170MHz Limit:-50



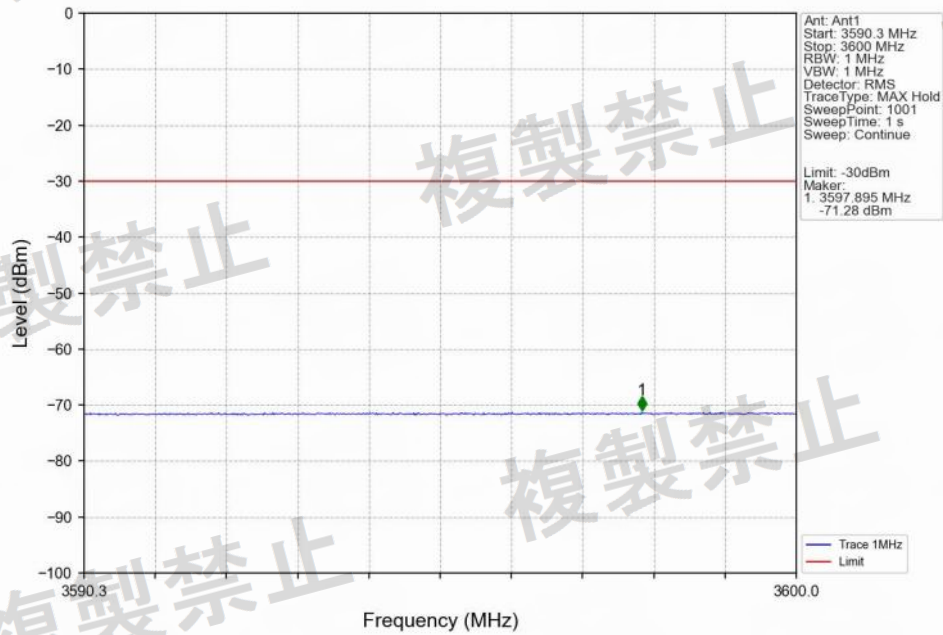
Band19 5MHz QPSK_MCH_837.5MHz_RB_1_24_NTNV 18/25 2330-2370MHz Limit:-30



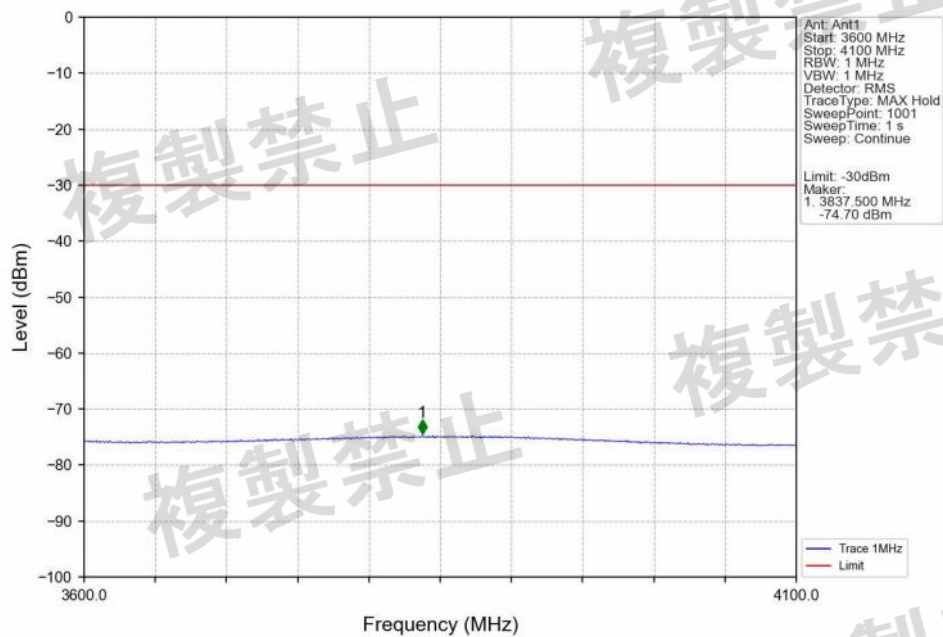




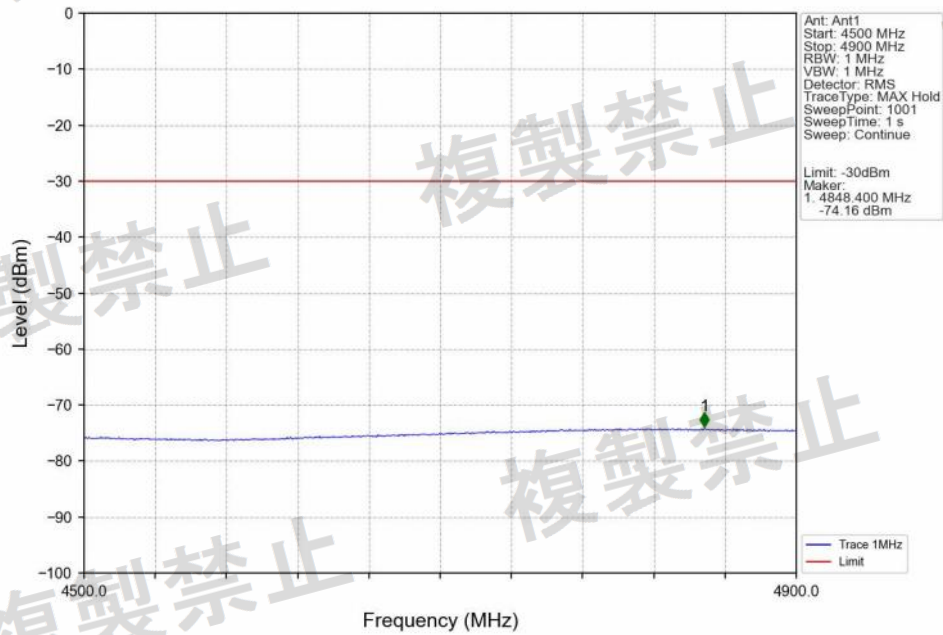
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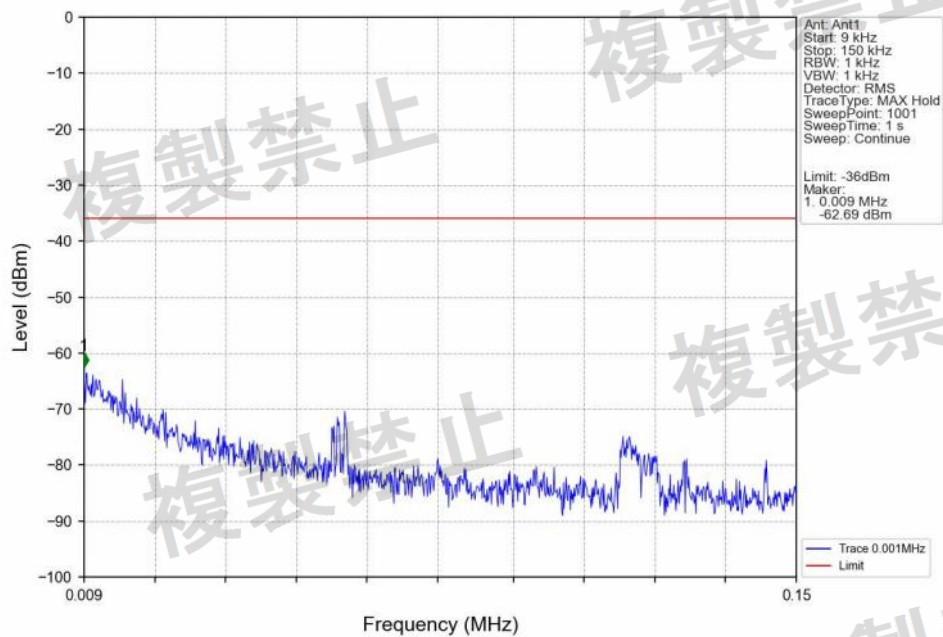
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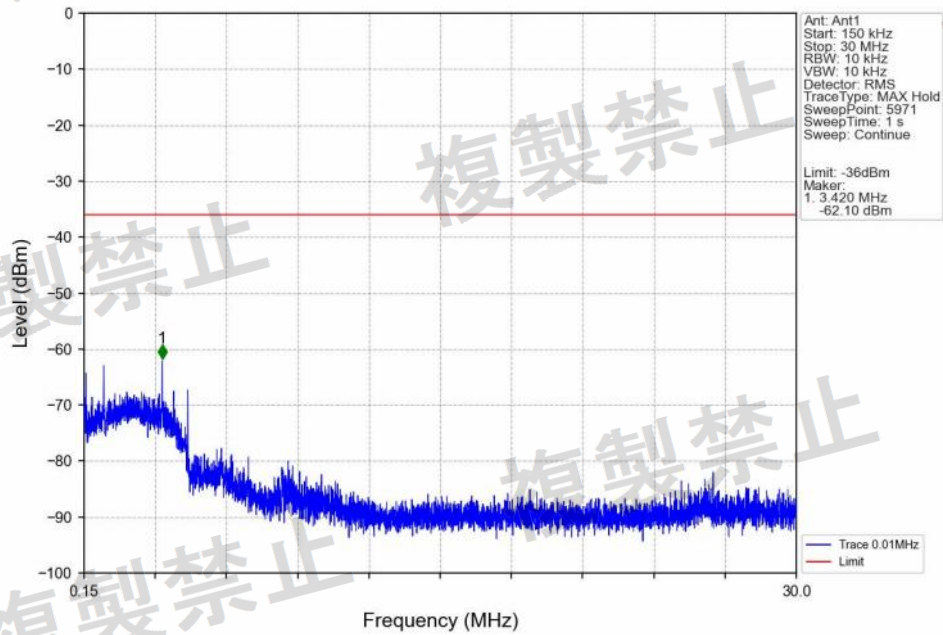
Band19 5MHz QPSK MCH 837.5MHz RB 1 24 NTNV 25/25 4500-4900MHz Limit:-30



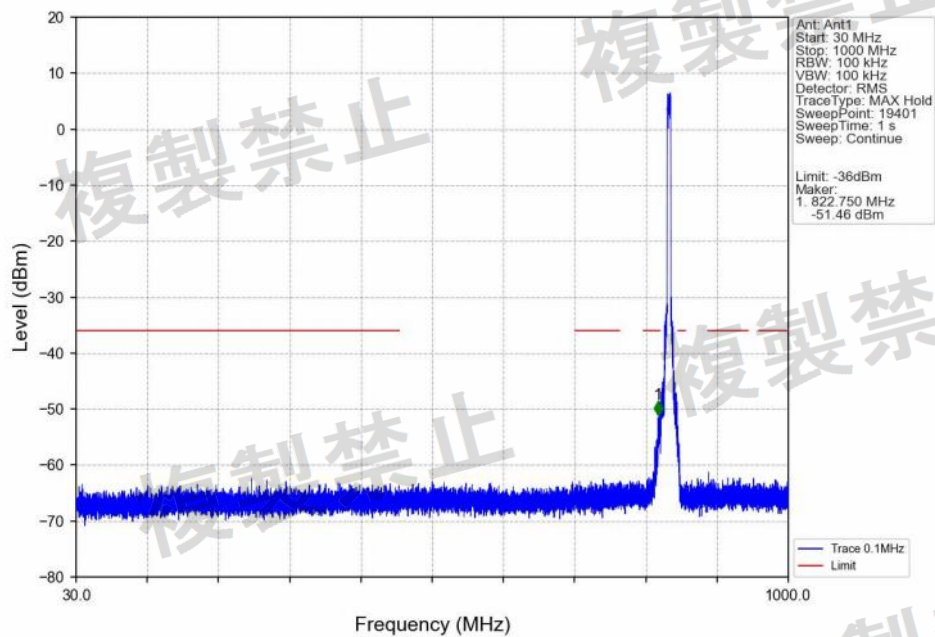
Band19 5MHz QPSK MCH 837.5MHz RB 25 0 NTNV 1/25 0.009-0.15MHz Limit:-36



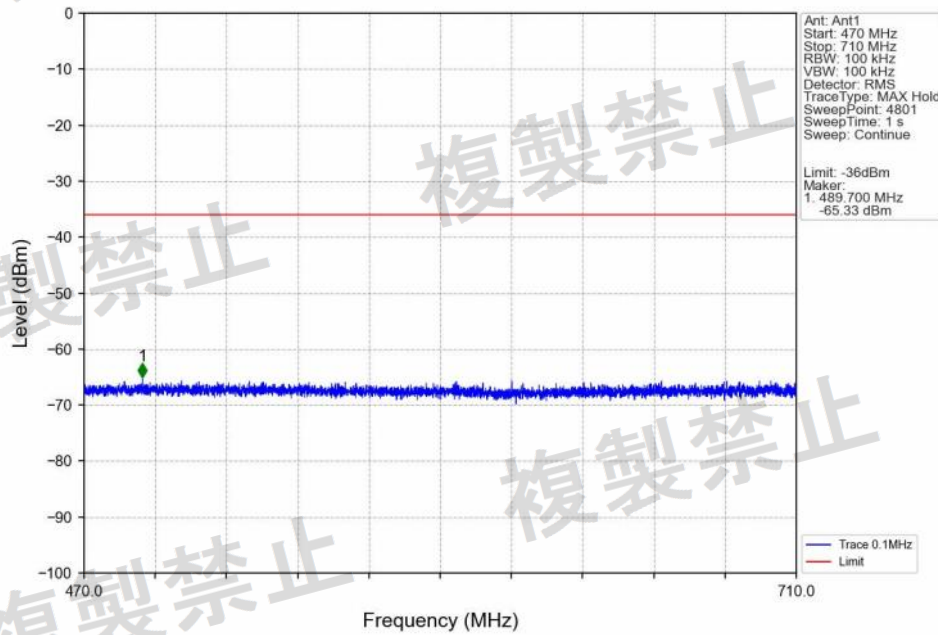
Band19_5MHz_QPSK_MCH_837.5MHz_RB_25_0_NTNV_2/25_0.15-30MHz_Limit:-36



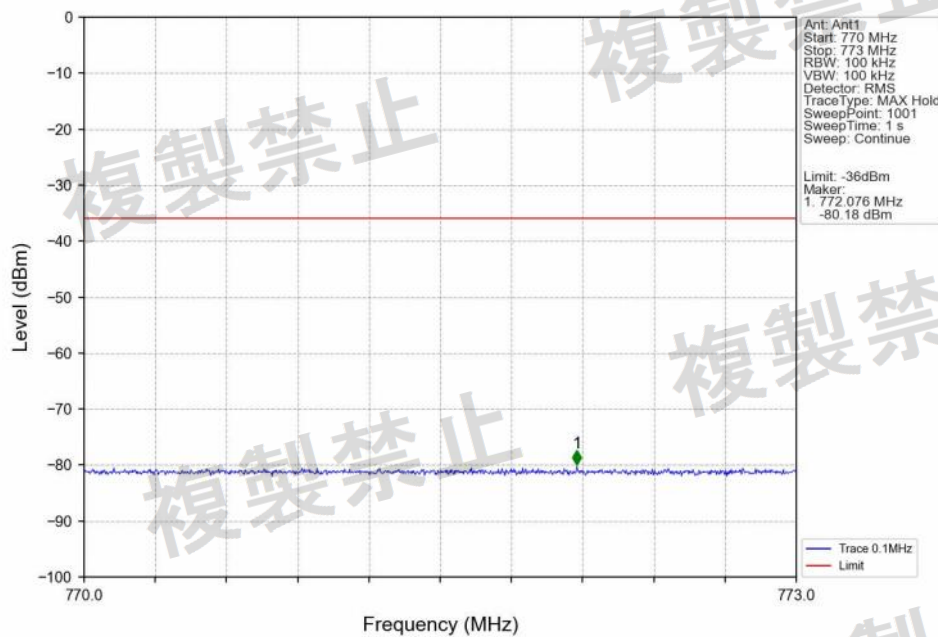
Band19_5MHz_QPSK_MCH_837.5MHz_RB_25_0_NTNV_3/25_30-1000MHz_Limit:-36



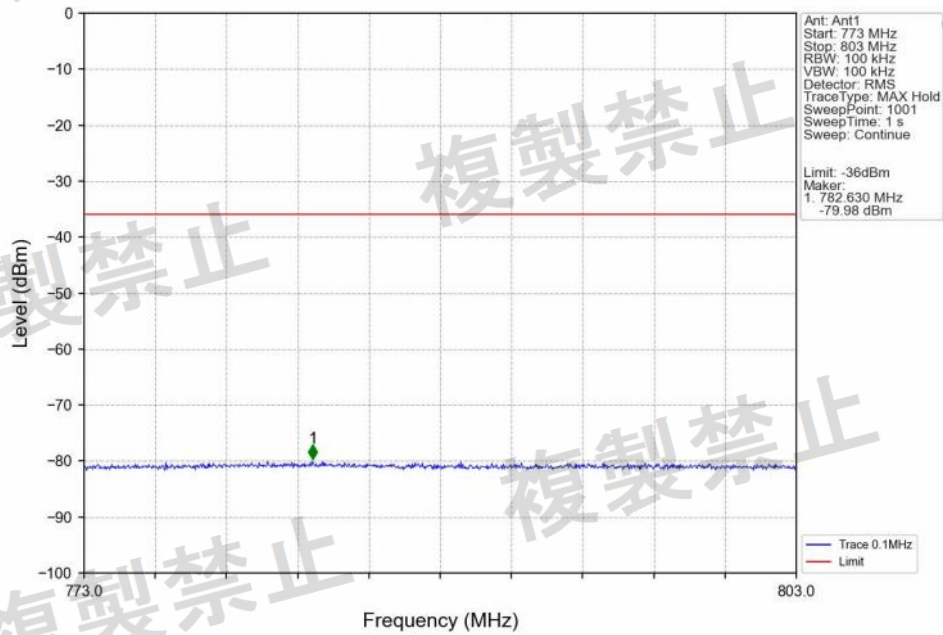
Band19_5MHz_QPSK_MCH_837.5MHz_RB_25_0_NTNV 8/25 470-710MHz Limit:-36



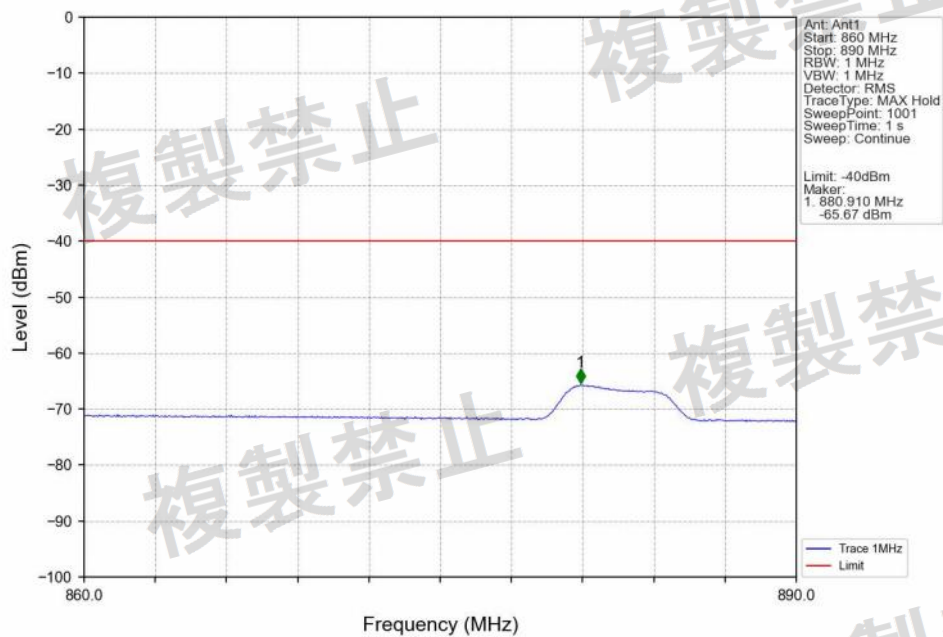
Band19_5MHz_QPSK_MCH_837.5MHz_RB_25_0_NTNV 9/25 770-773MHz Limit:-36



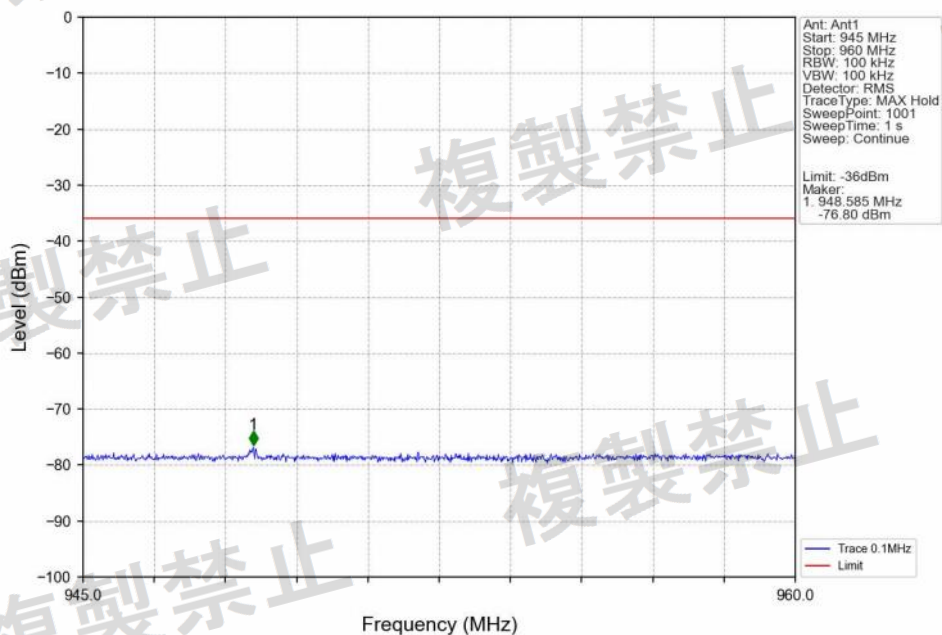
Band19 5MHz QPSK MCH 837.5MHz RB 25 0 NTV 10/25 773-803MHz Limit:-36



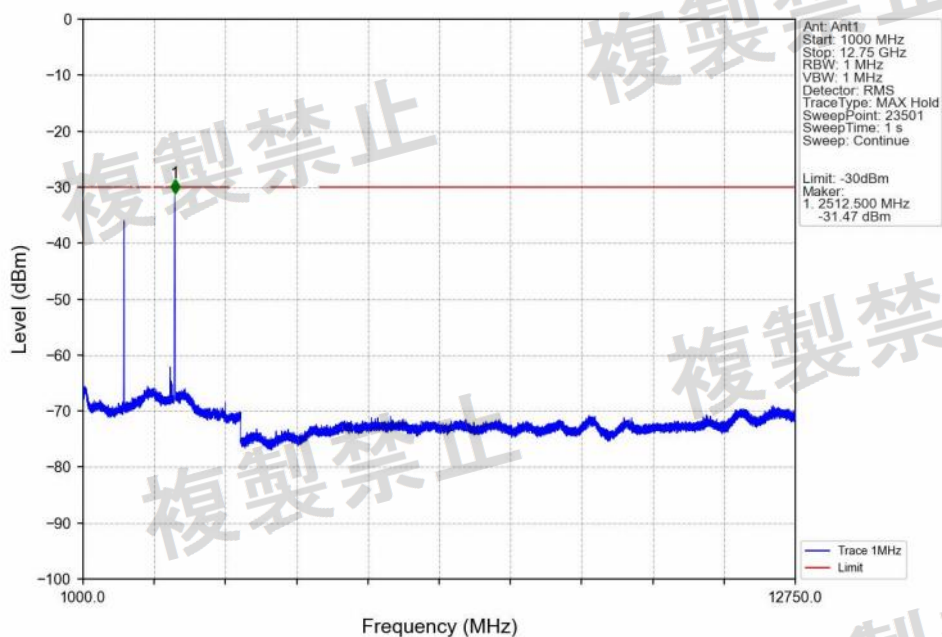
Band19 5MHz QPSK MCH 837.5MHz RB 25 0 NTV 11/25 860-890MHz Limit:-40

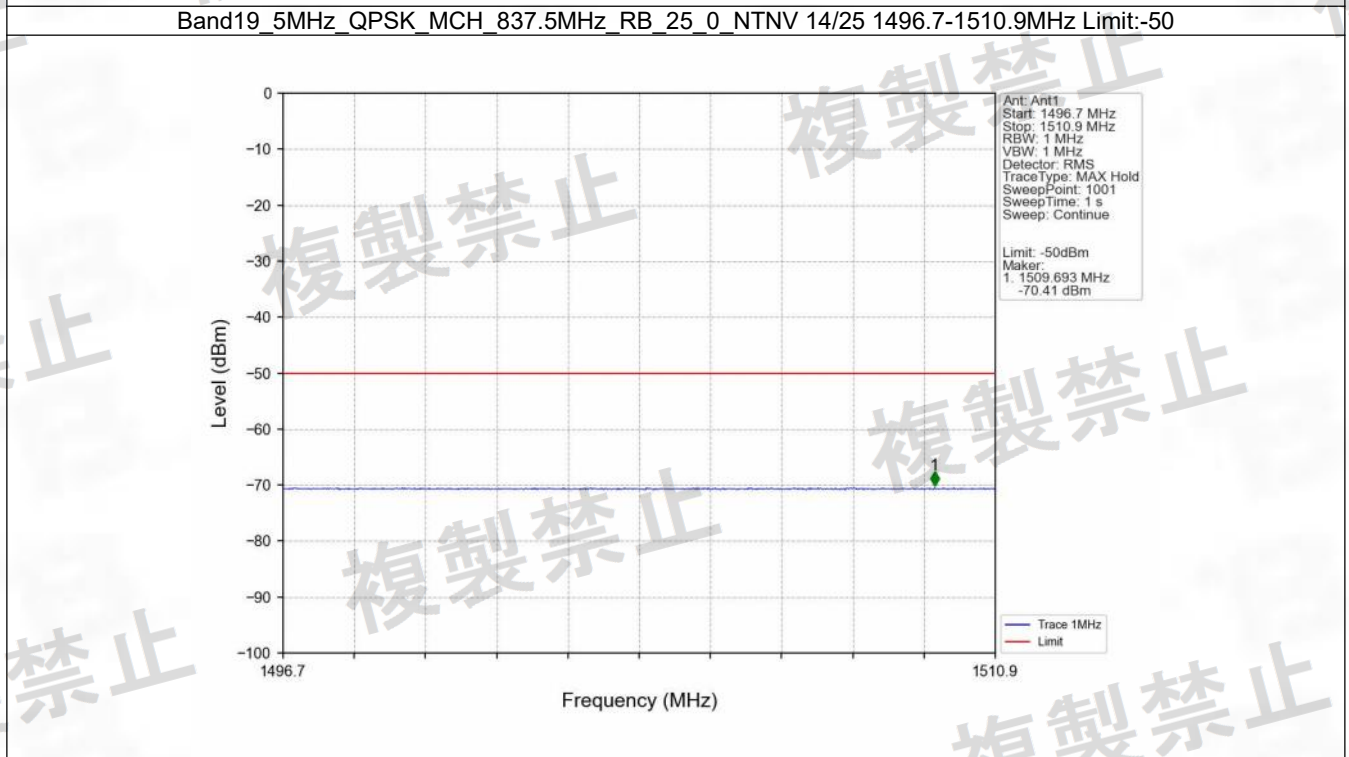
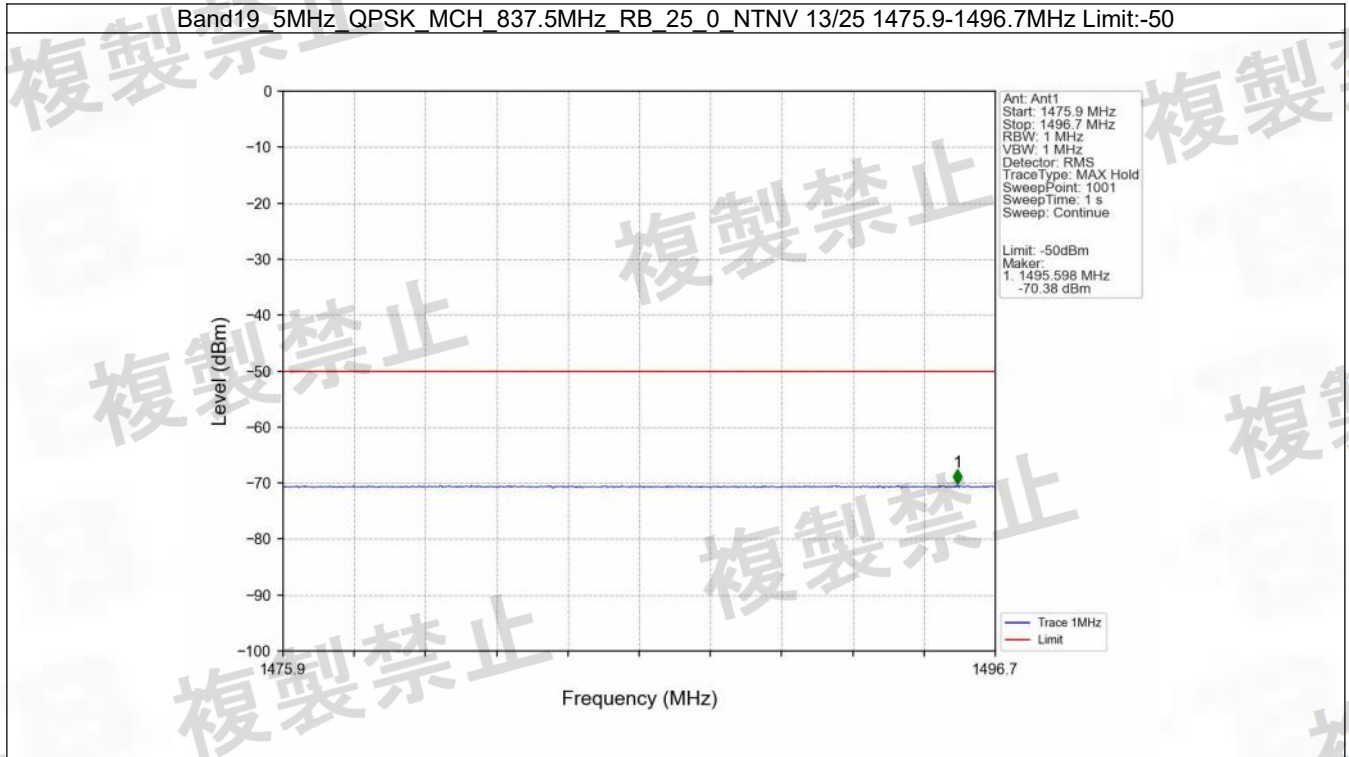


Band19 5MHz QPSK MCH 837.5MHz RB 25 0 NTNV 12/25 945-960MHz Limit:-36

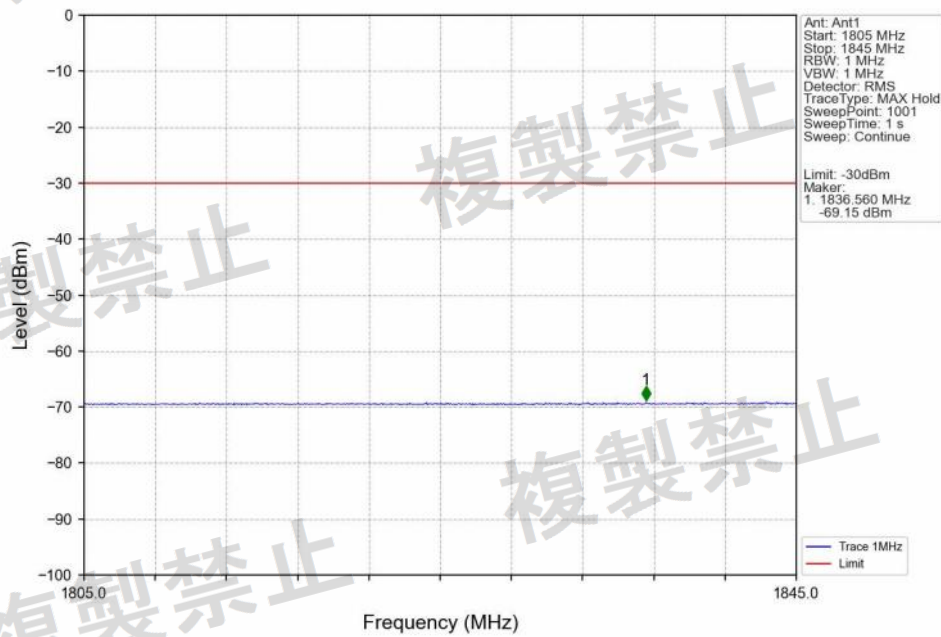


Band19 5MHz QPSK MCH 837.5MHz RB 25 0 NTNV 4/25 1000-12750MHz Limit:-30

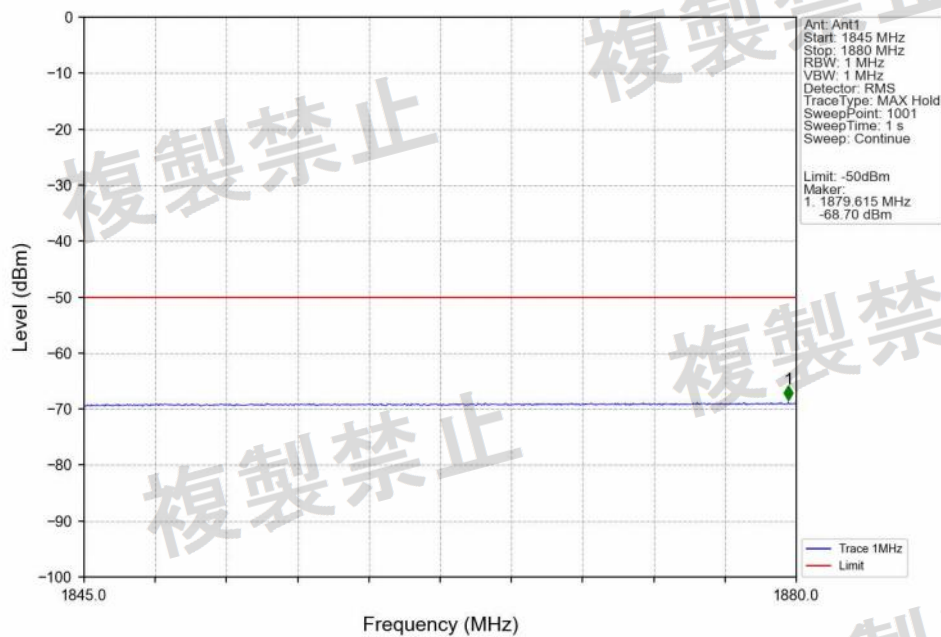




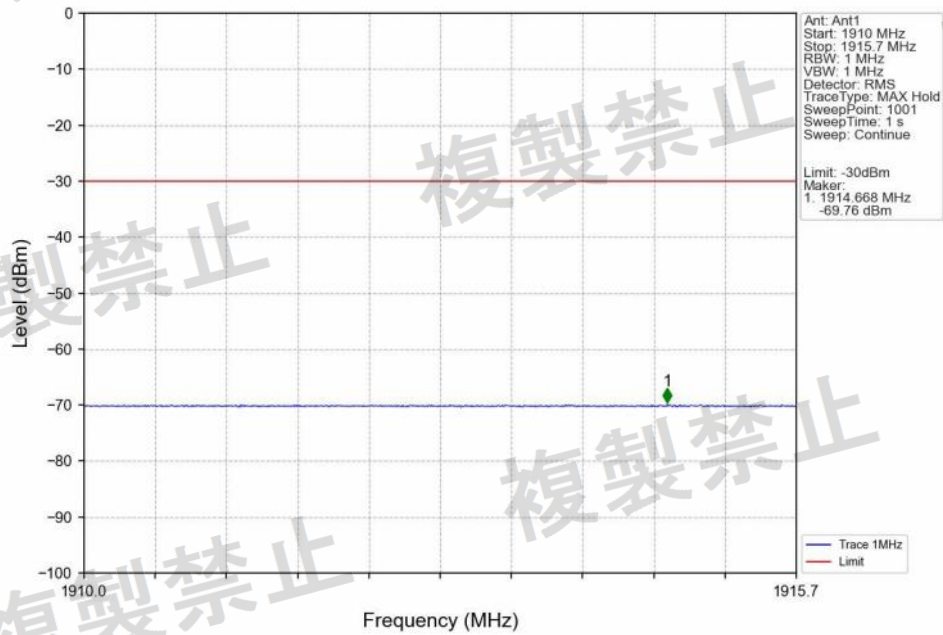
Band19 5MHz QPSK MCH 837.5MHz RB 25_0 NTN 15/25 1805-1845MHz Limit:-30



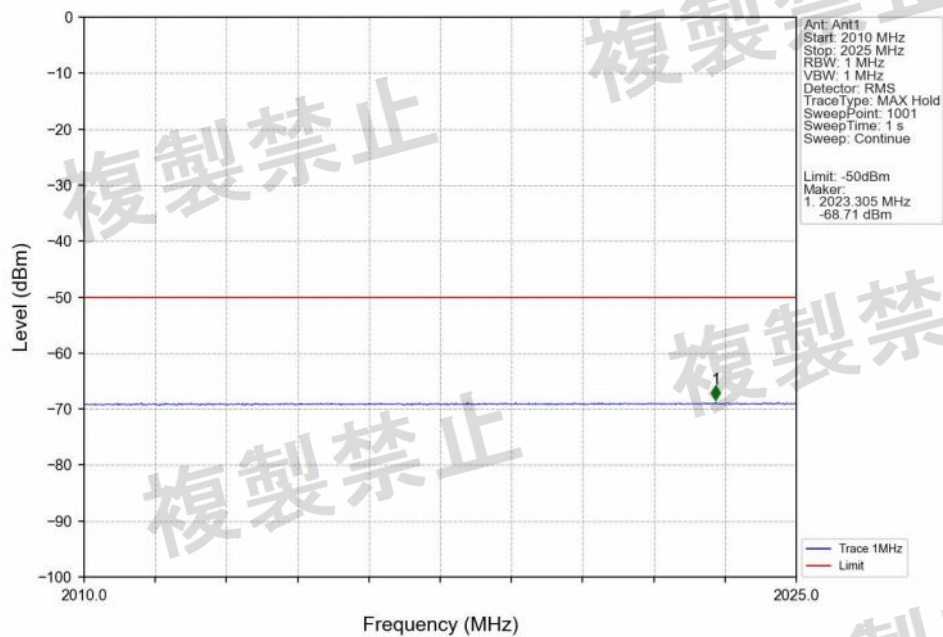
Band19 5MHz QPSK MCH 837.5MHz RB 25_0 NTN 5/25 1845-1880MHz Limit:-50



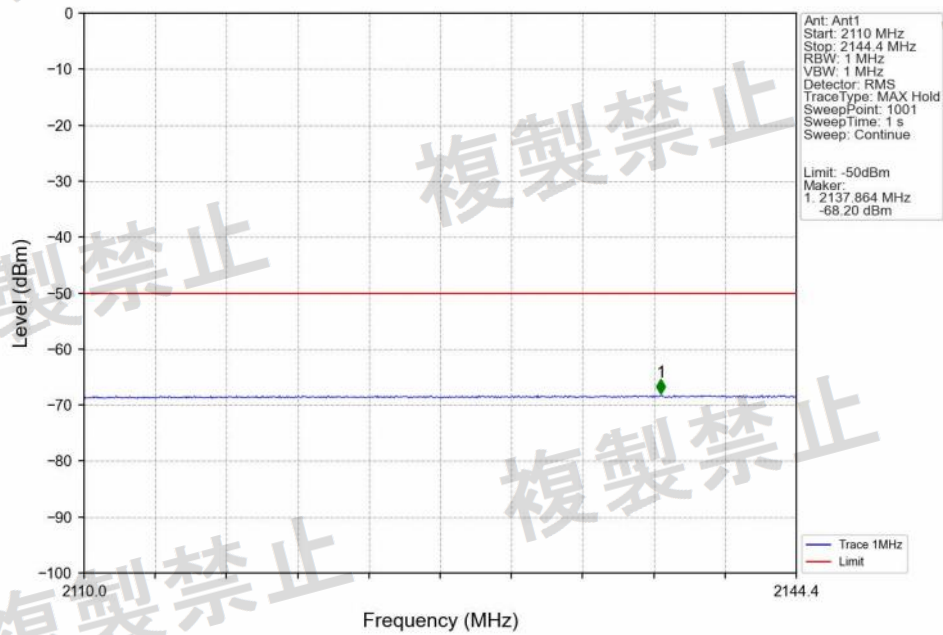
Band19 5MHz QPSK_MCH_837.5MHz_RB_25_0_NTNV 16/25 1910-1915.7MHz Limit:-30



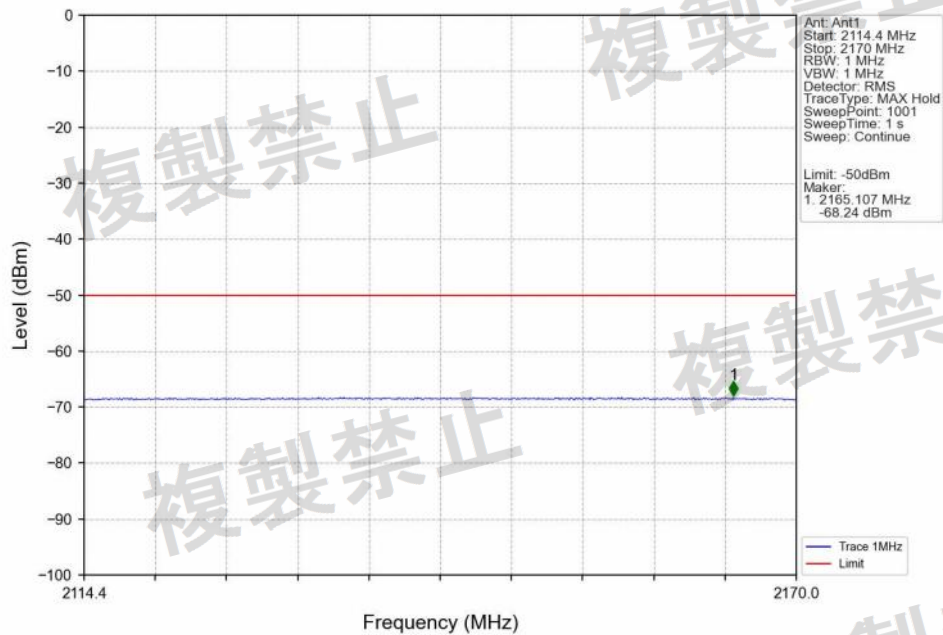
Band19 5MHz QPSK_MCH_837.5MHz_RB_25_0_NTNV 6/25 2010-2025MHz Limit:-50

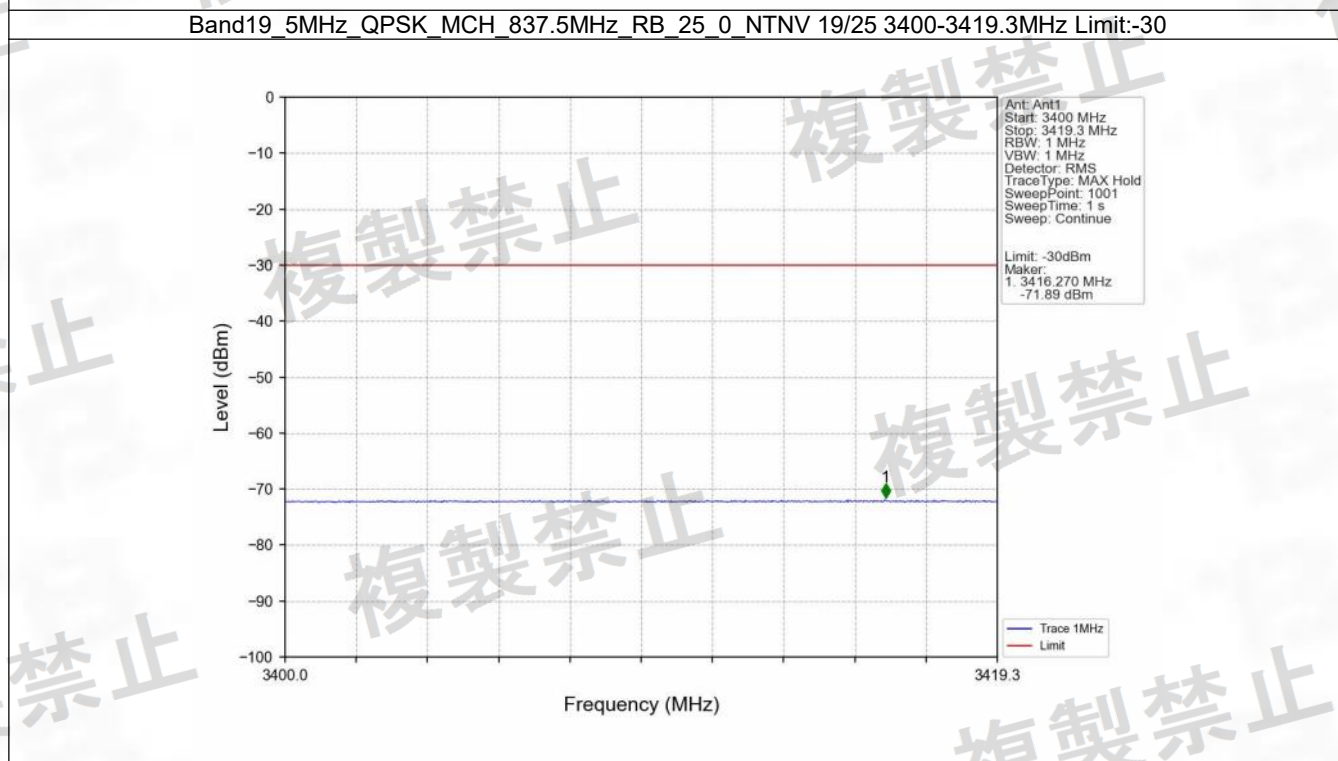
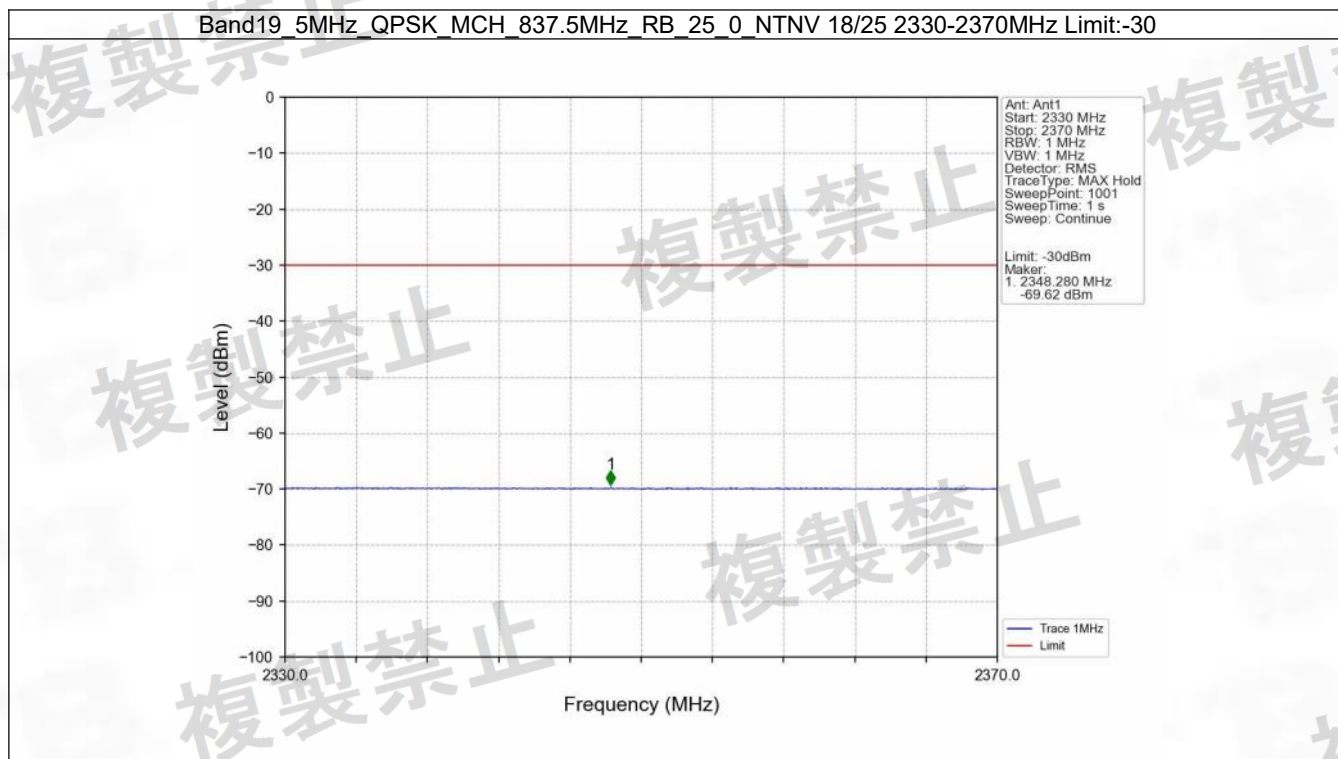


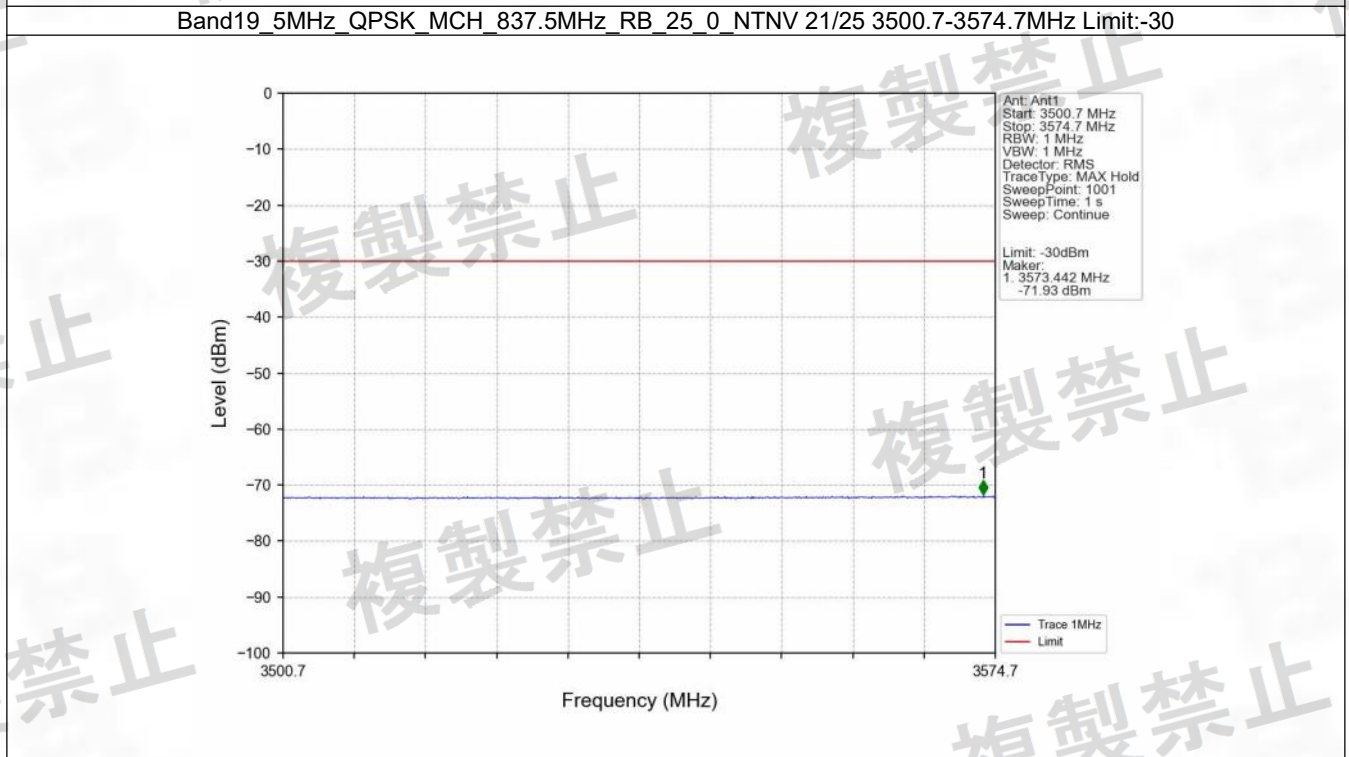
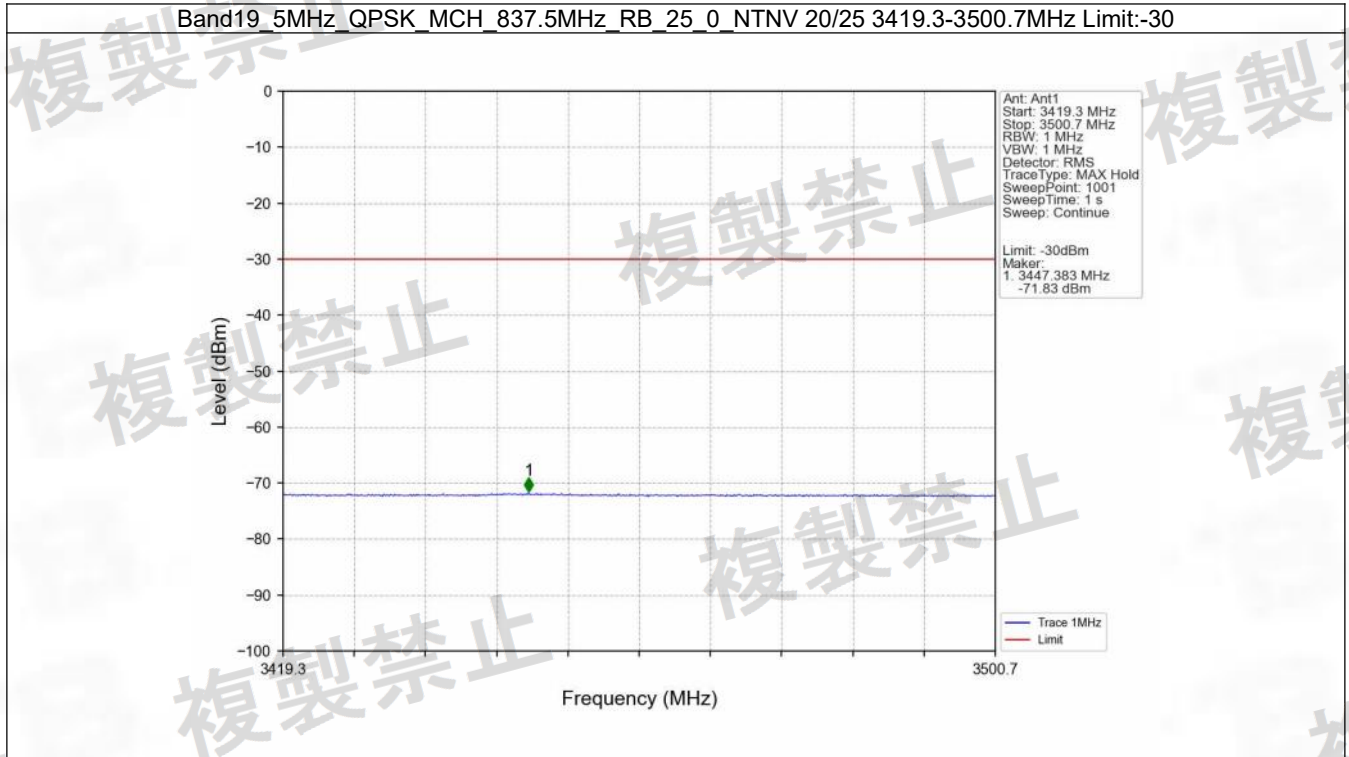
Band19 5MHz QPSK MCH 837.5MHz RB 25 0 NTN 7/25 2110-2144.4MHz Limit:-50

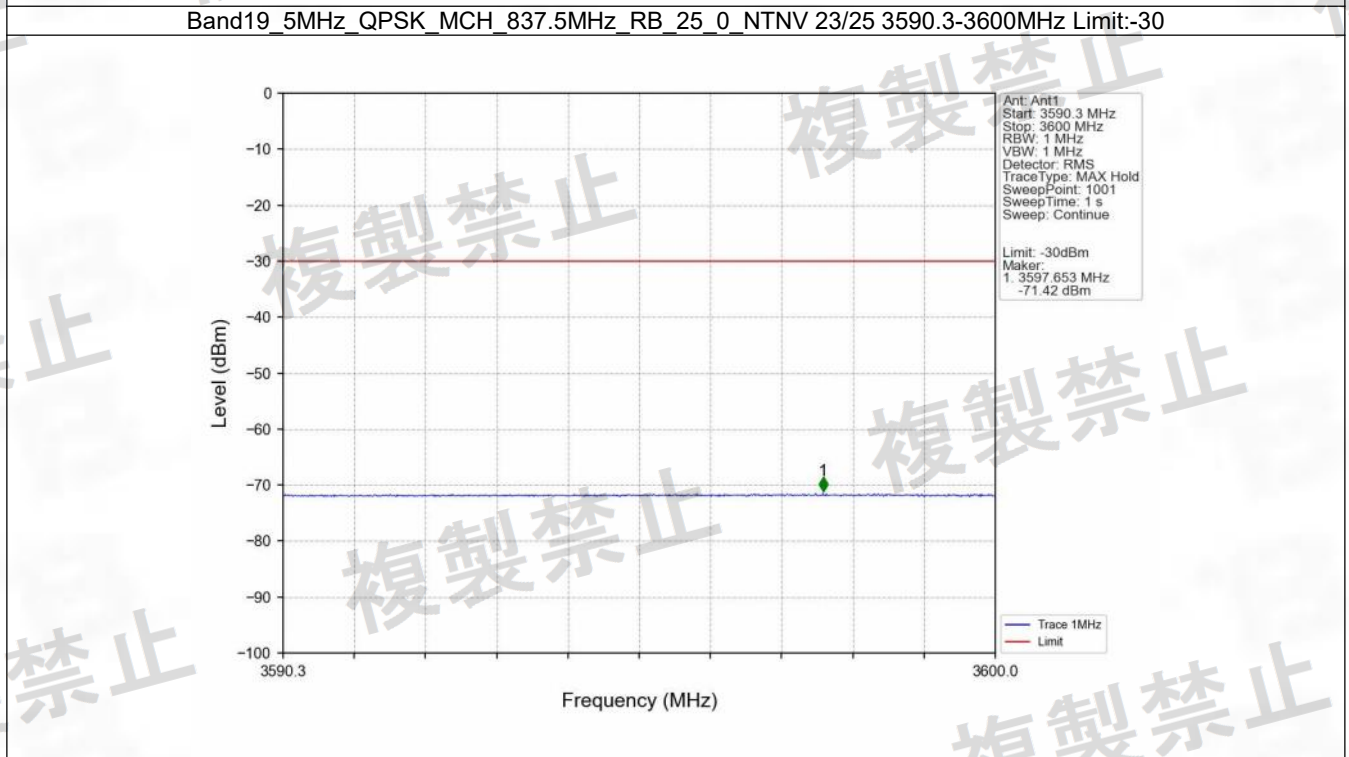
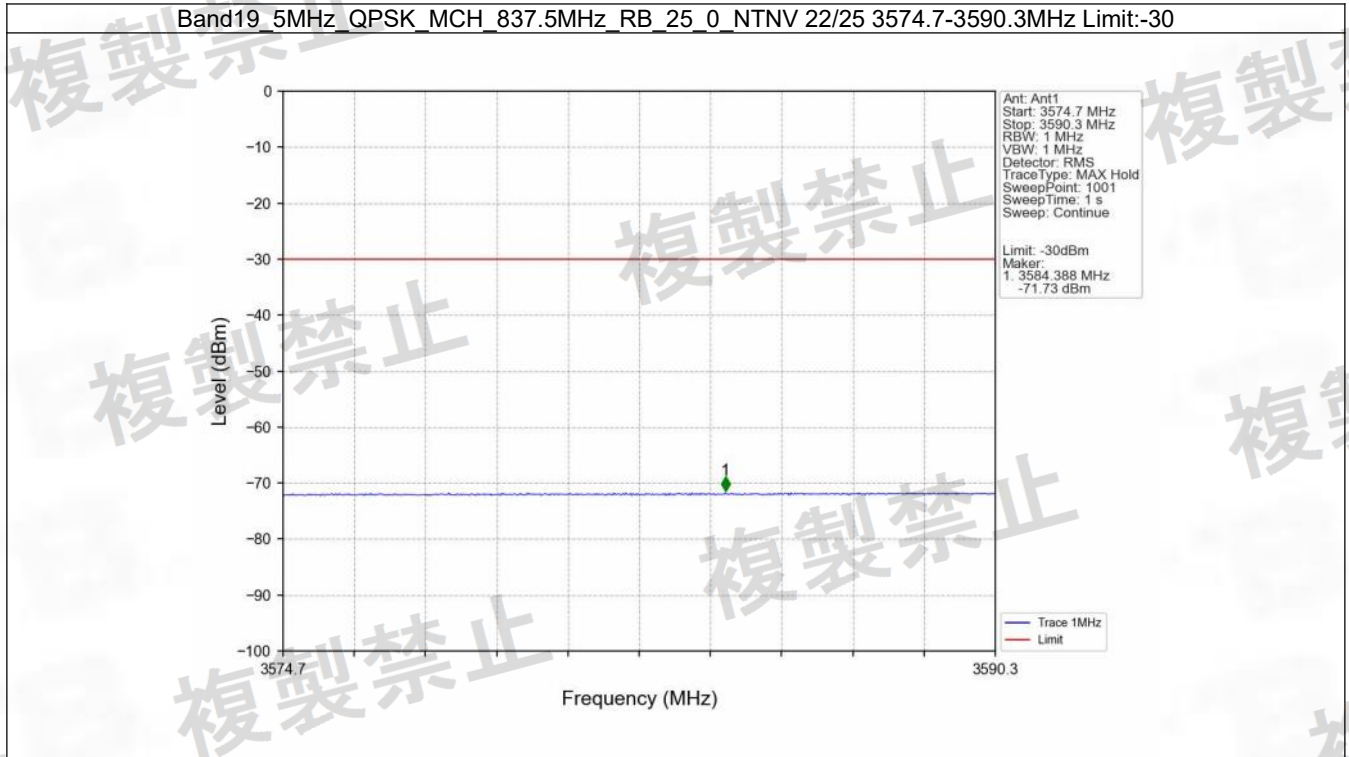


Band19 5MHz QPSK MCH 837.5MHz RB 25 0 NTN 17/25 2114.4-2170MHz Limit:-50

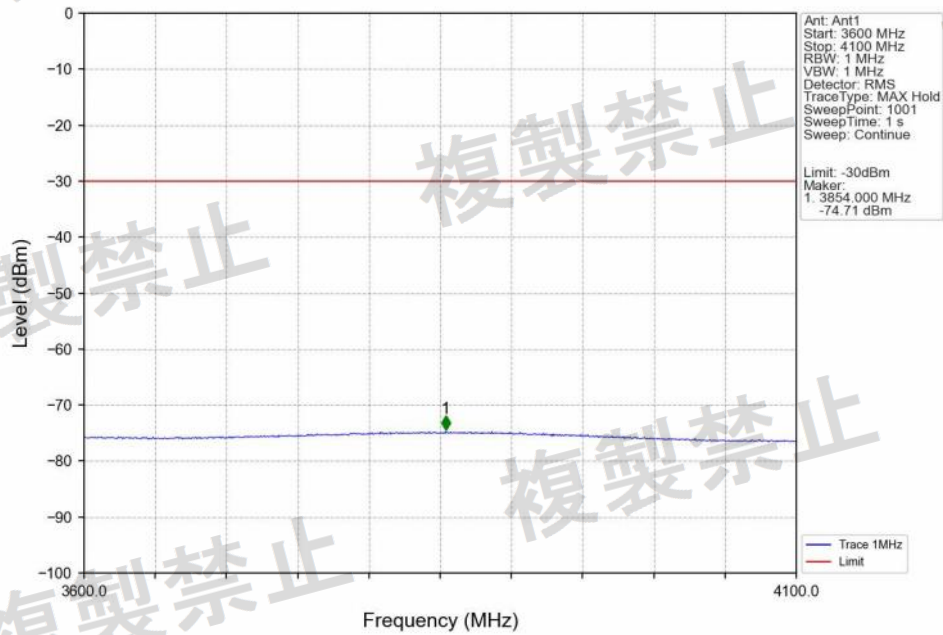




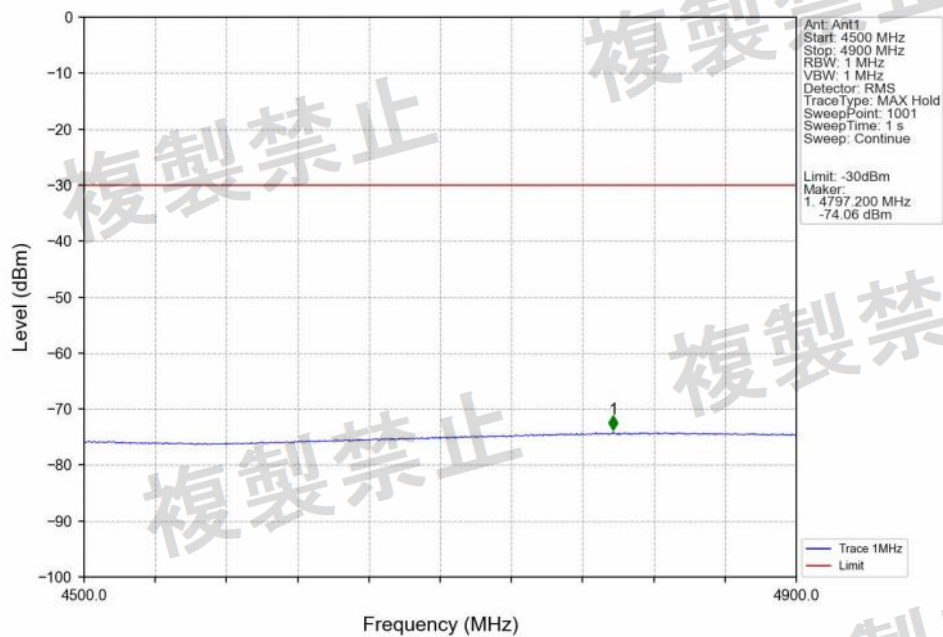




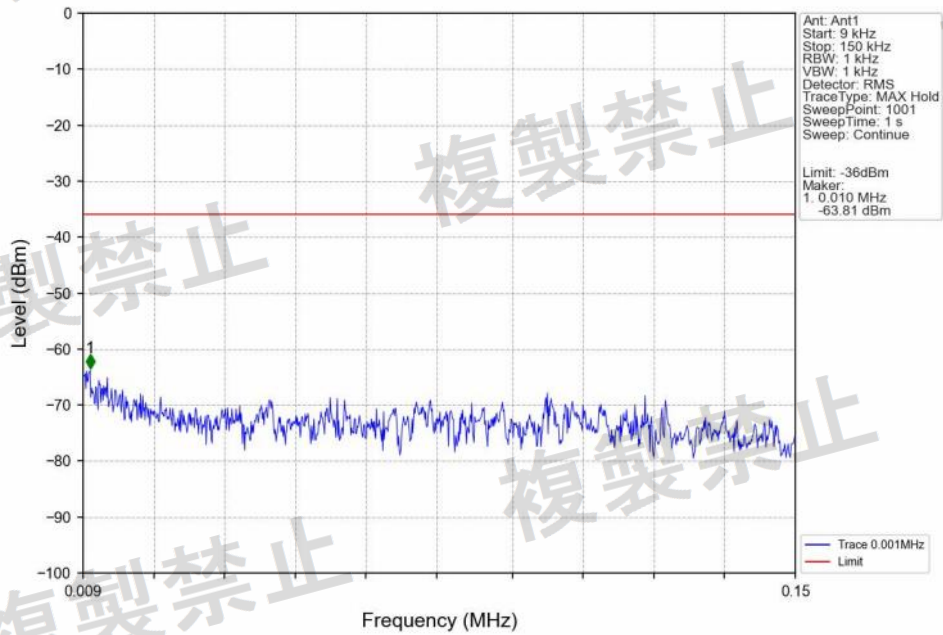
Band19_5MHz_QPSK_MCH_837.5MHz_RB_25_0_NTNV 24/25 3600-4100MHz Limit:-30



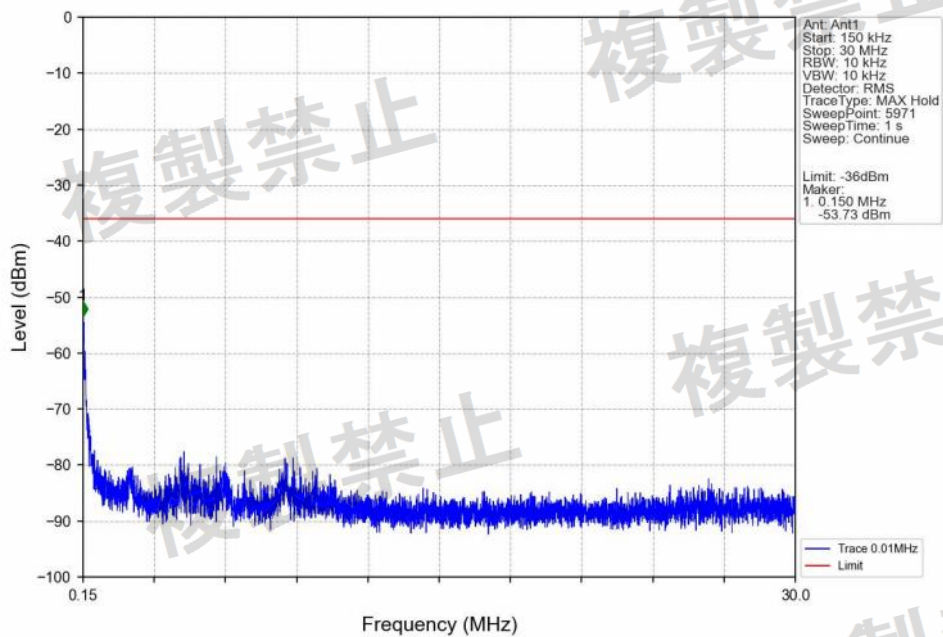
Band19_5MHz_QPSK_MCH_837.5MHz_RB_25_0_NTNV 25/25 4500-4900MHz Limit:-30

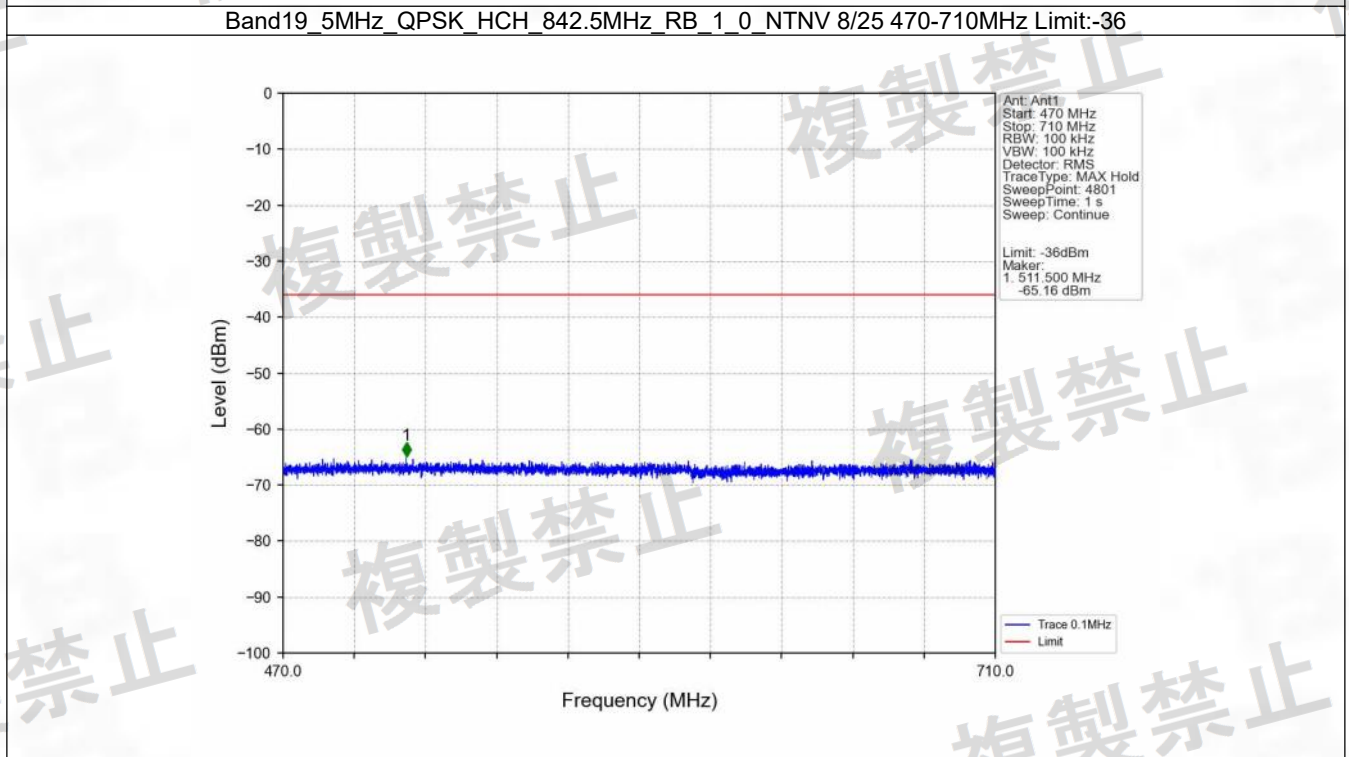
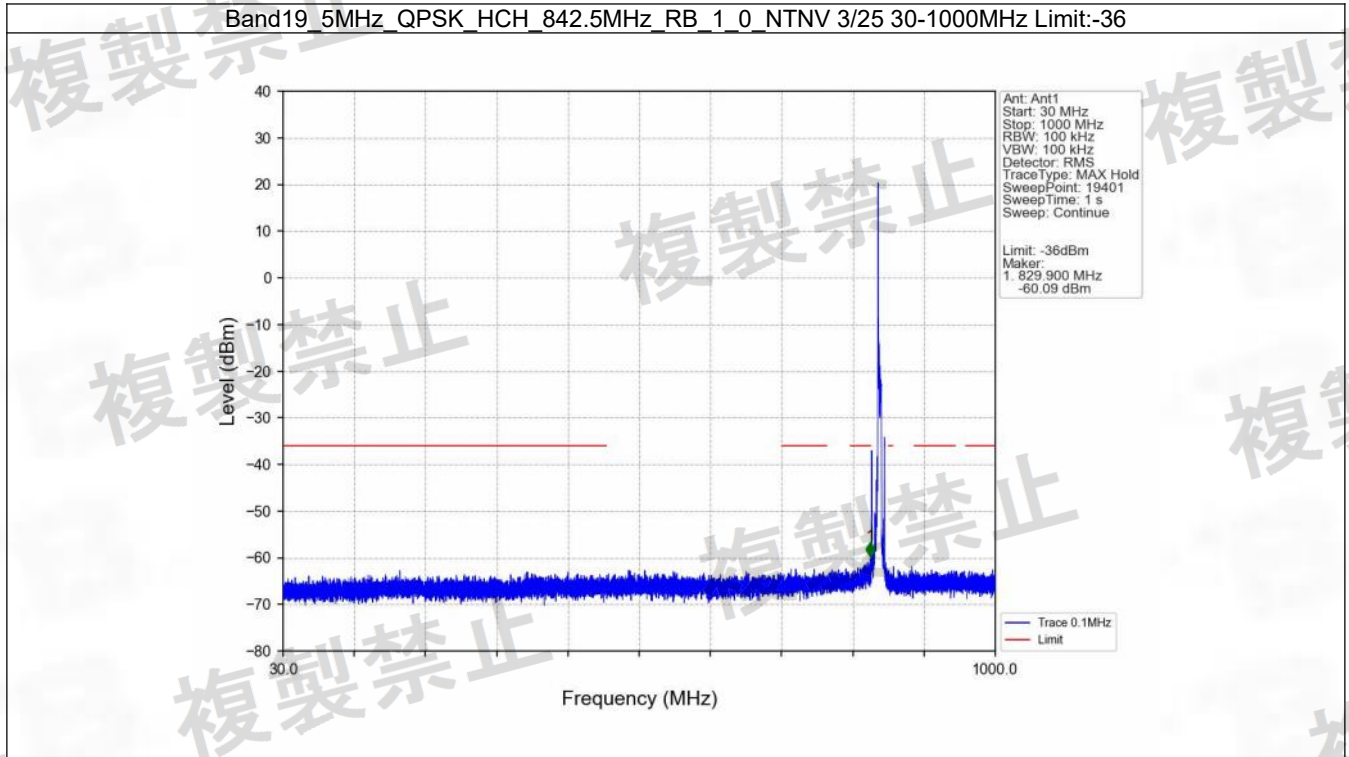


Band19_5MHz_QPSK_HCH_842.5MHz_RB_1_0_NTNV 1/25 0.009-0.15MHz Limit:-36

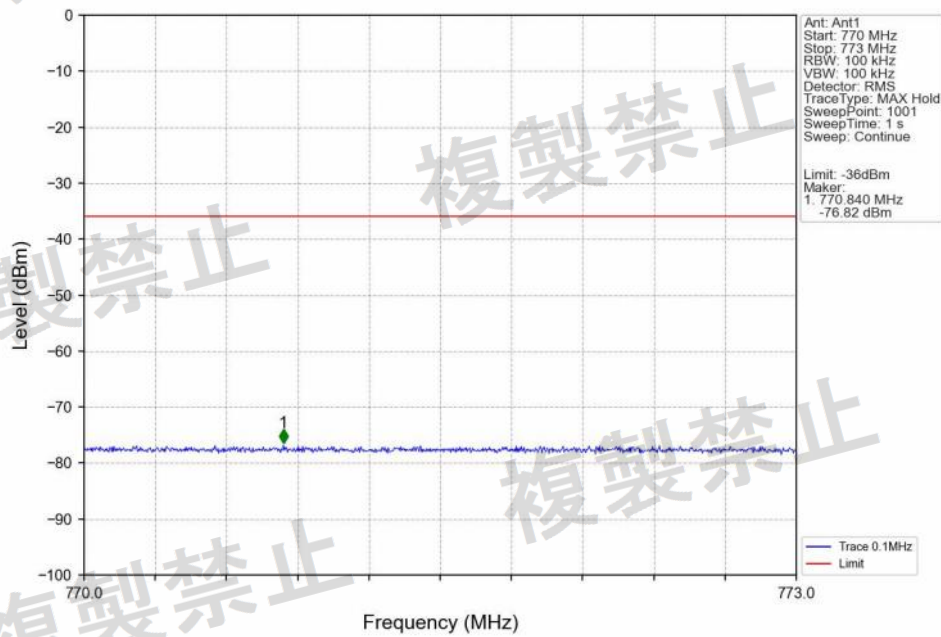


Band19_5MHz_QPSK_HCH_842.5MHz_RB_1_0_NTNV 2/25 0.15-30MHz Limit:-36

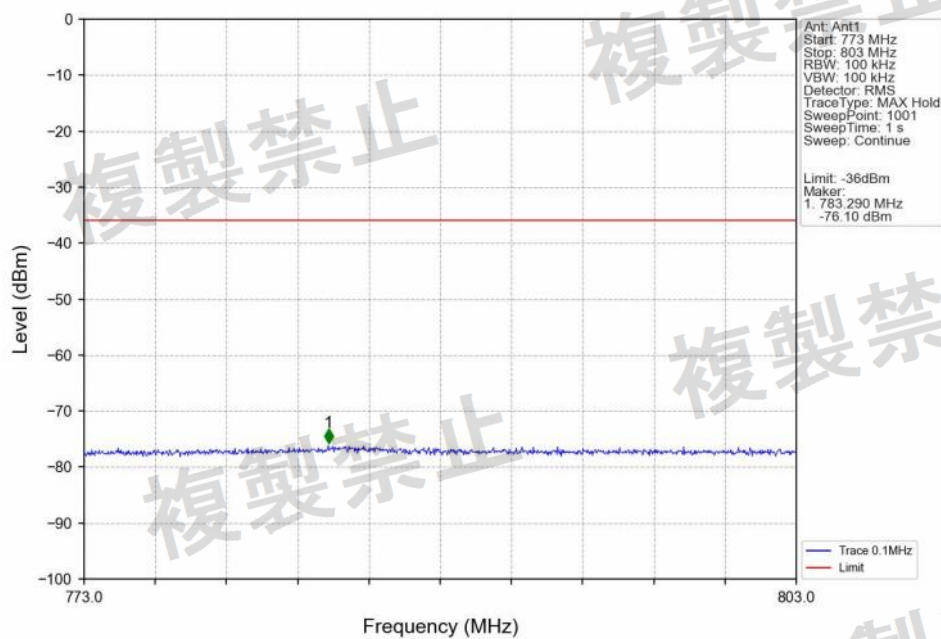


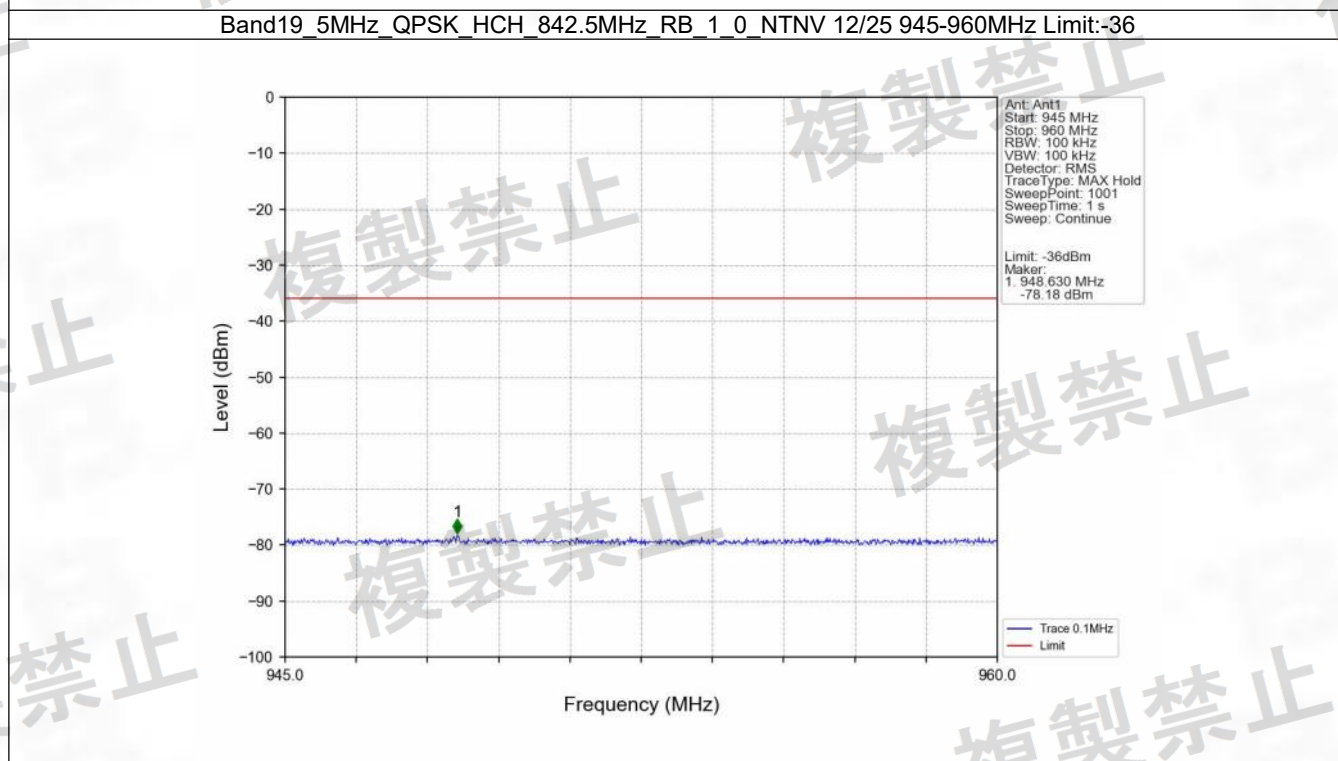
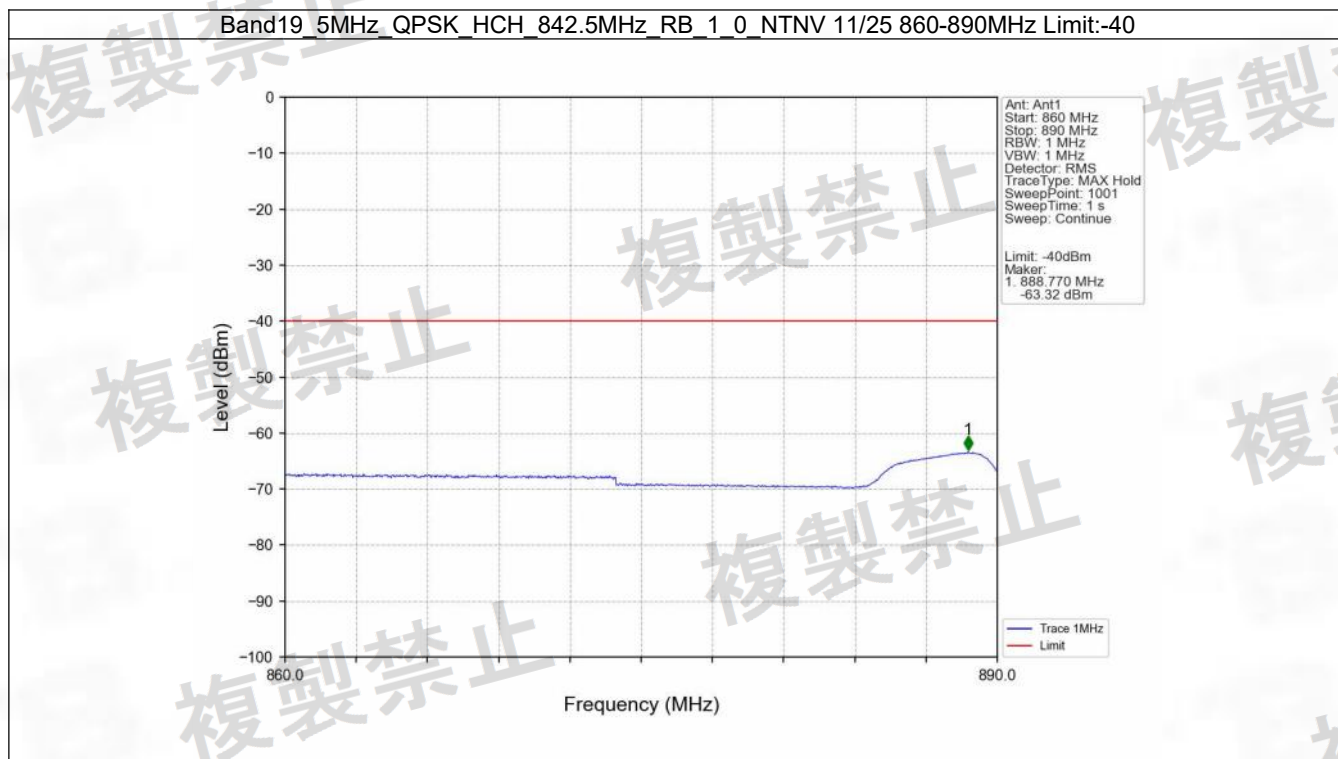


Band19 5MHz QPSK HCH 842.5MHz RB 1 0 NTN 9/25 770-773MHz Limit:-36

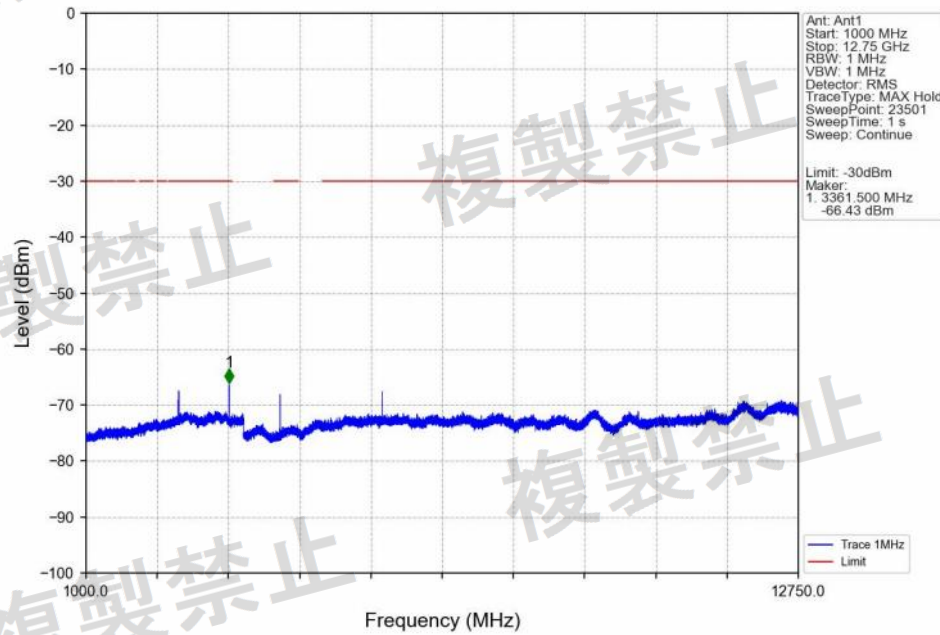


Band19 5MHz QPSK HCH 842.5MHz RB 1 0 NTN 10/25 773-803MHz Limit:-36

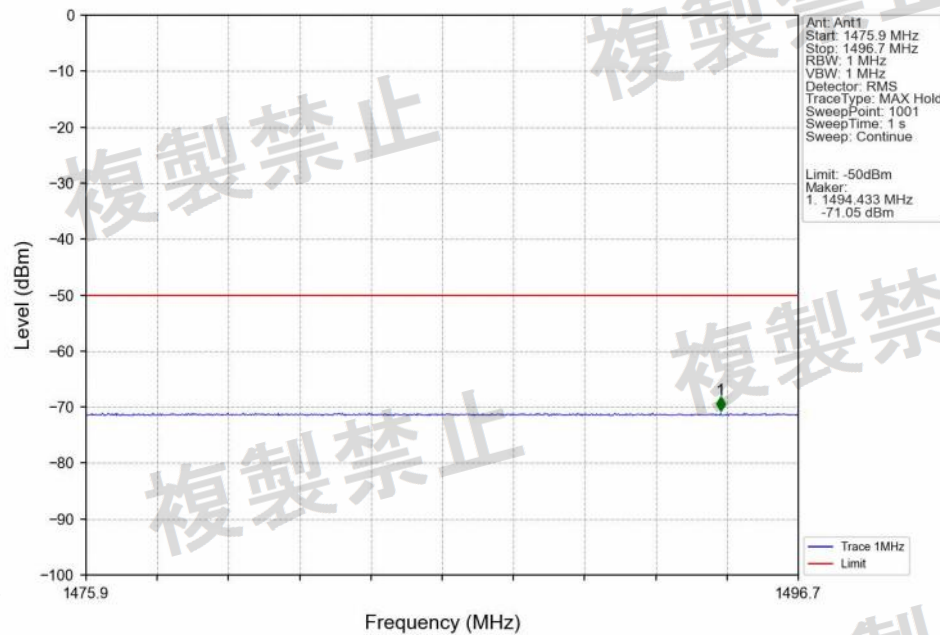




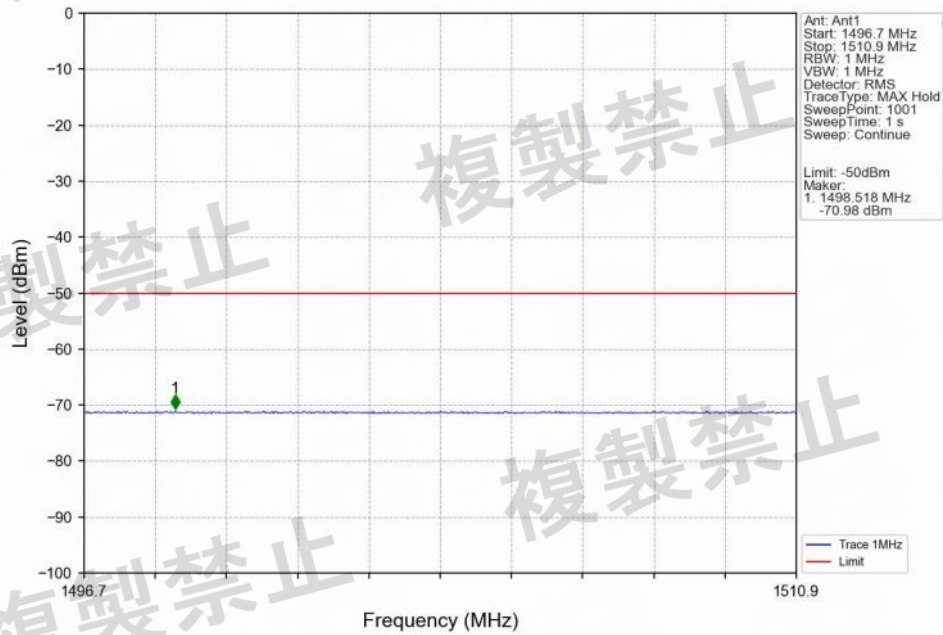
Band19_5MHz_QPSK_HCH_842.5MHz_RB_1_0_NTNV 4/25 1000-12750MHz Limit:-30



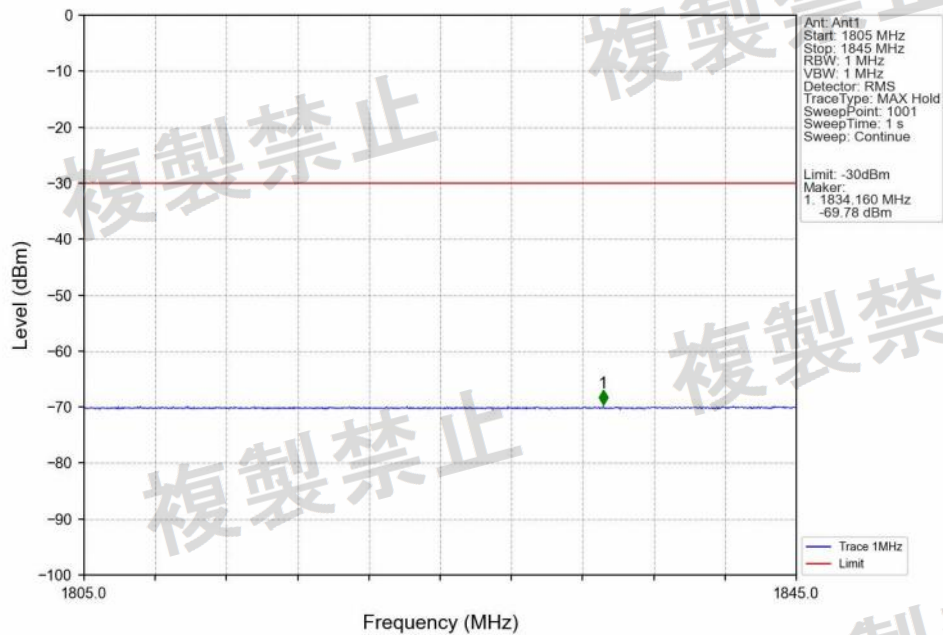
Band19_5MHz_QPSK_HCH_842.5MHz_RB_1_0_NTNV 13/25 1475.9-1496.7MHz Limit:-50



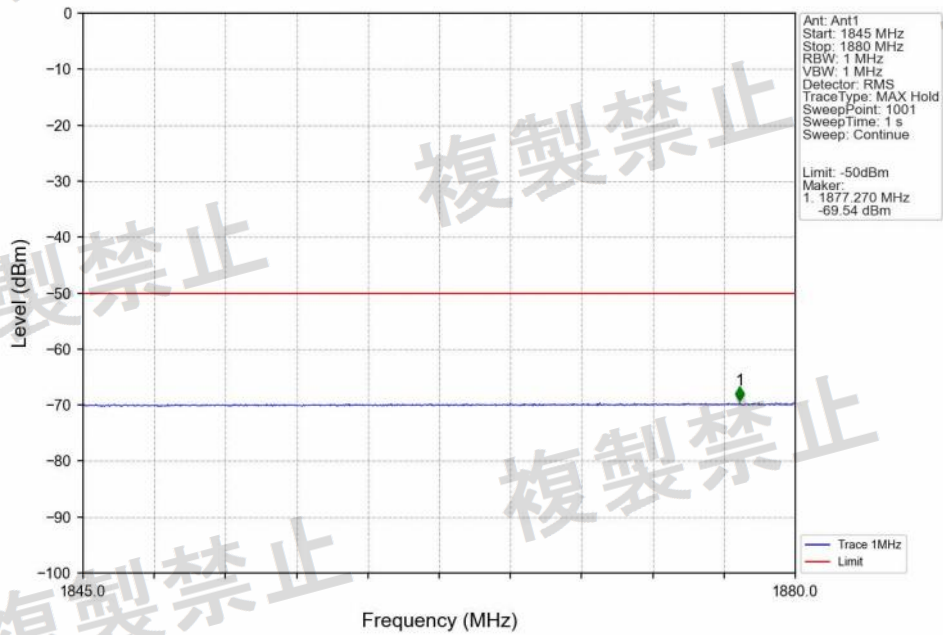
Band19_5MHz_QPSK_HCH_842.5MHz_RB_1_0_NTNV_14/25_1496.7-1510.9MHz_Limit:-50



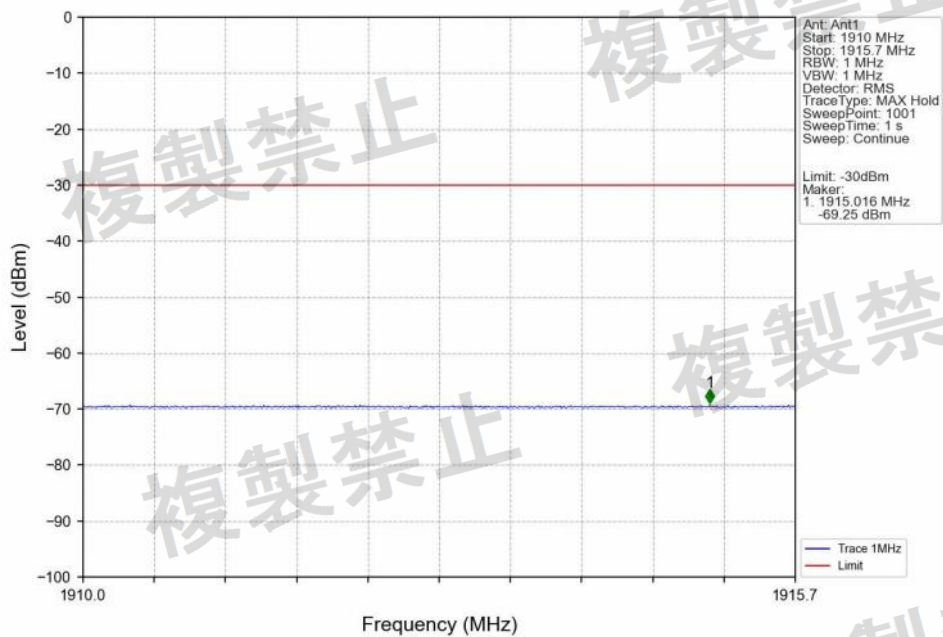
Band19_5MHz_QPSK_HCH_842.5MHz_RB_1_0_NTNV_15/25_1805-1845MHz_Limit:-30



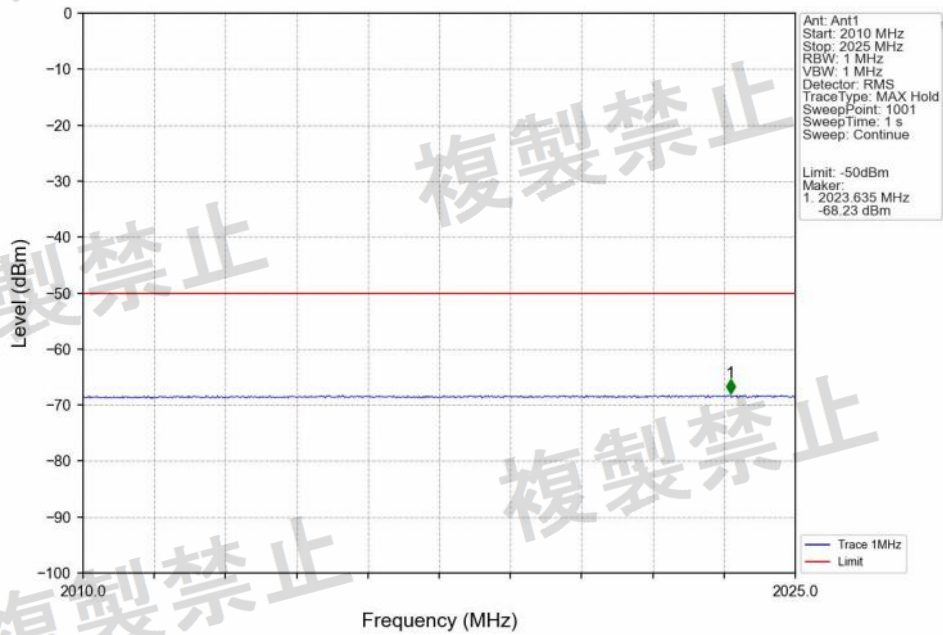
Band19 5MHz QPSK HCH 842.5MHz RB 1 0 NTV 5/25 1845-1880MHz Limit:-50



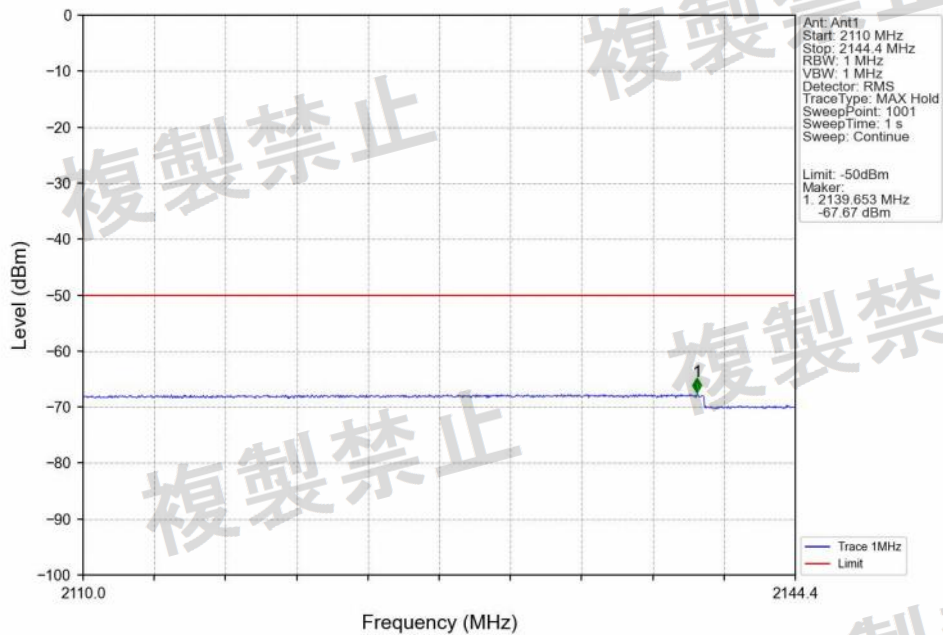
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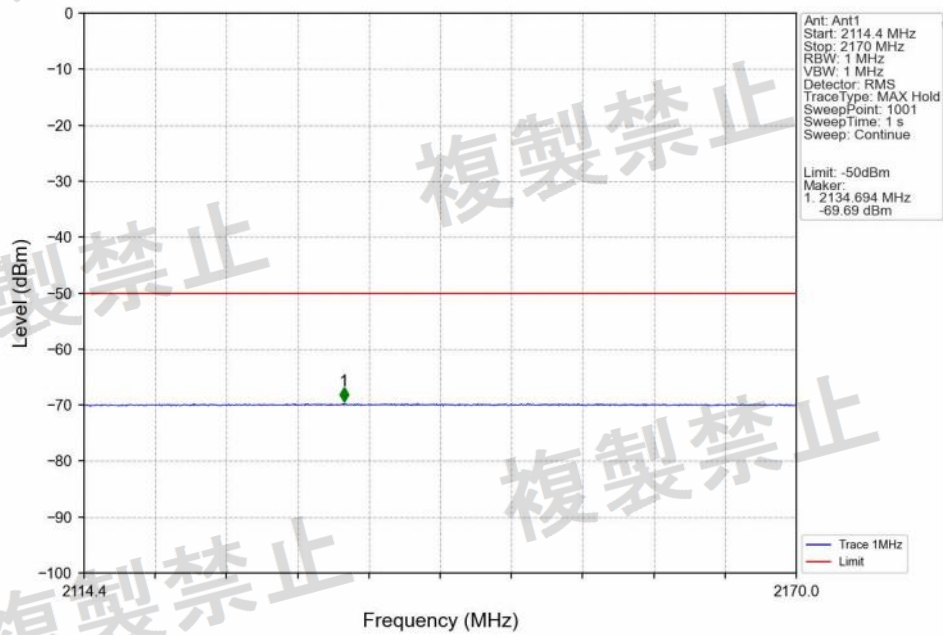
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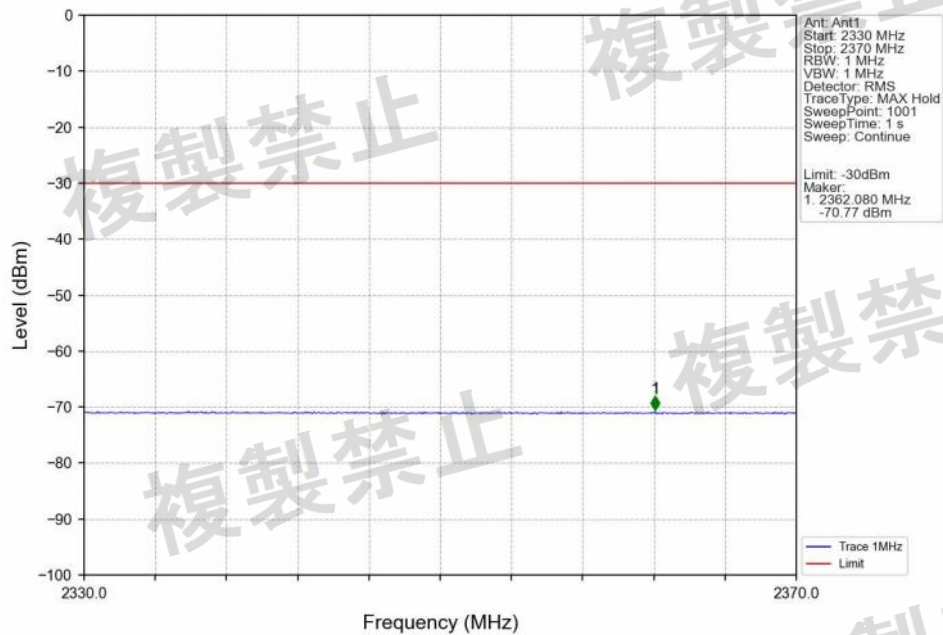
Band19 5MHz QPSK HCH 842.5MHz RB 1 0 NTNV 7/25 2110-2144.4MHz Limit:-50



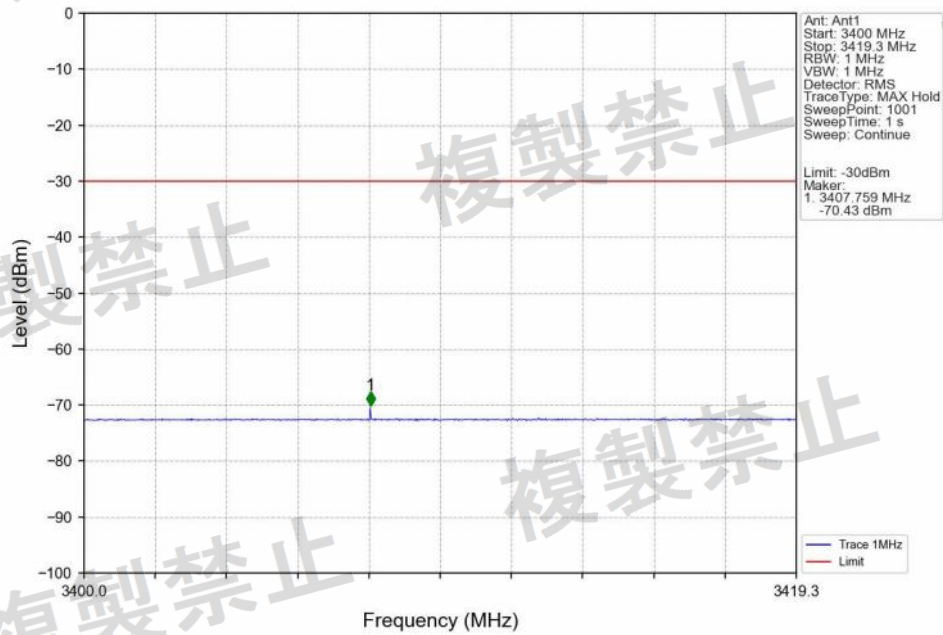
Band19 5MHz QPSK HCH 842.5MHz RB 1 0 NTN 17/25 2114.4-2170MHz Limit:-50



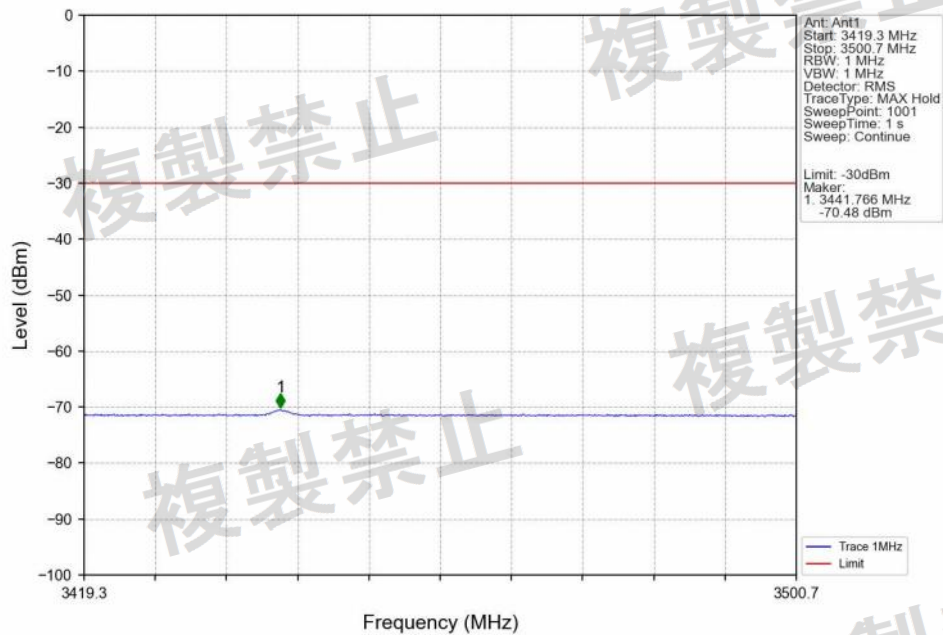
Band19 5MHz QPSK HCH 842.5MHz RB 1 0 NTN 18/25 2330-2370MHz Limit:-30



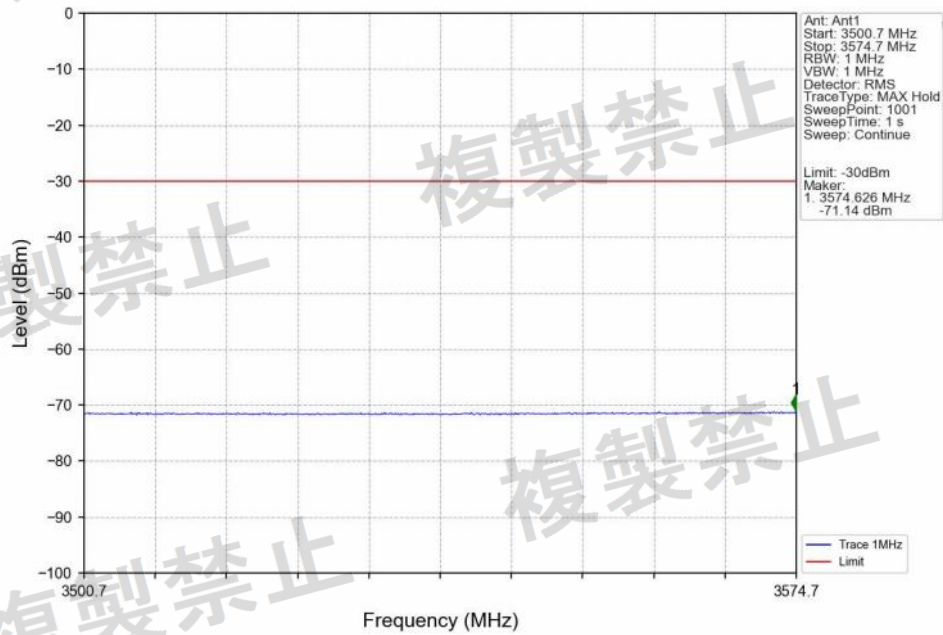
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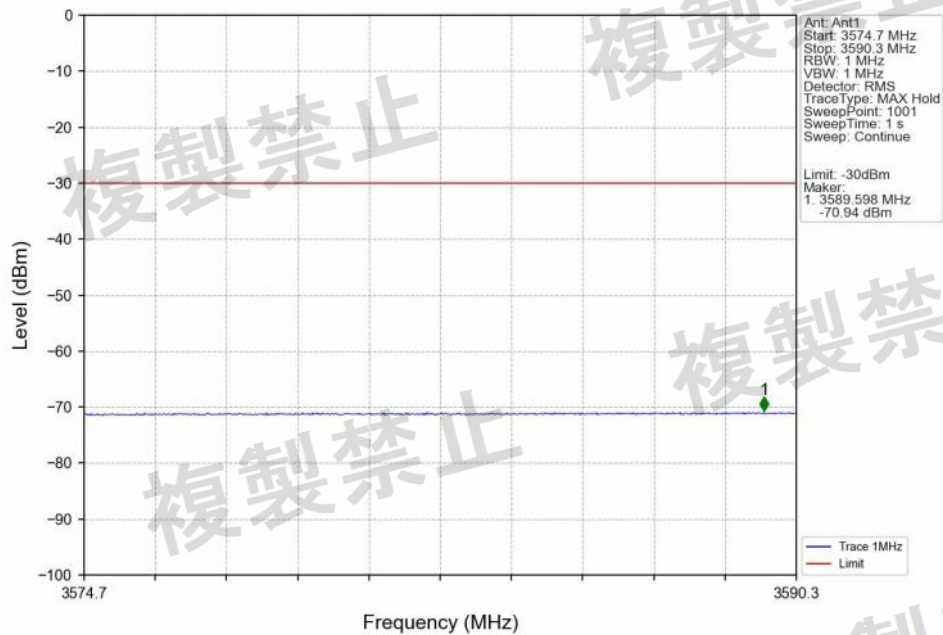
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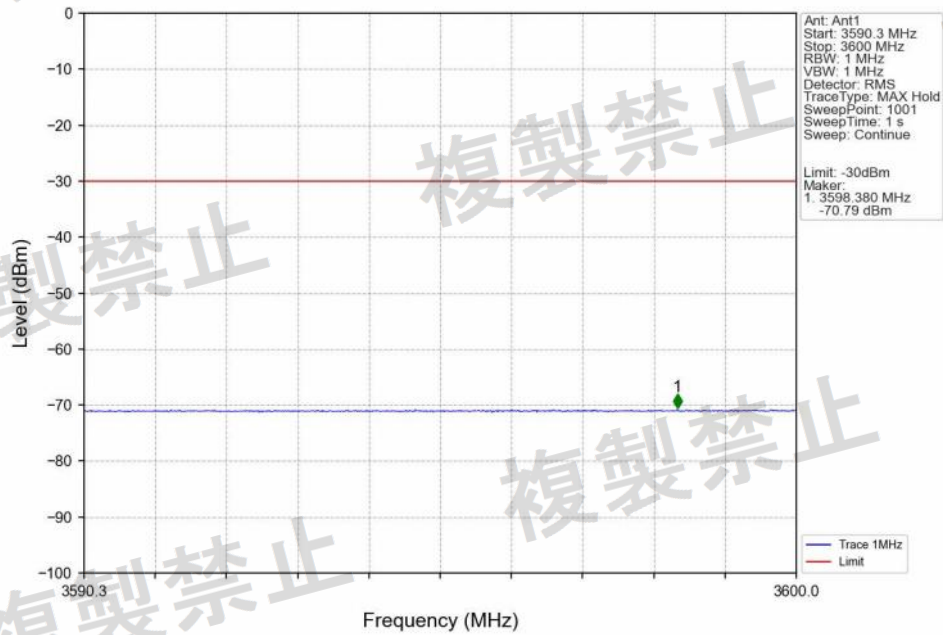
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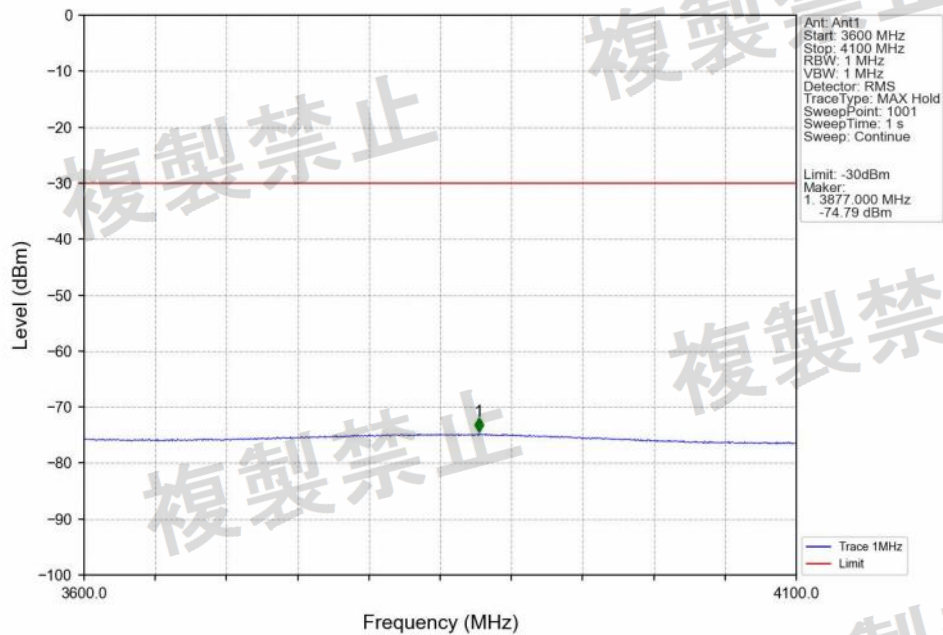
Band19_5MHz_QPSK_HCH_842.5MHz_RB_1_0_NTNV_22/25_3574.7-3590.3MHz_Limit:-30



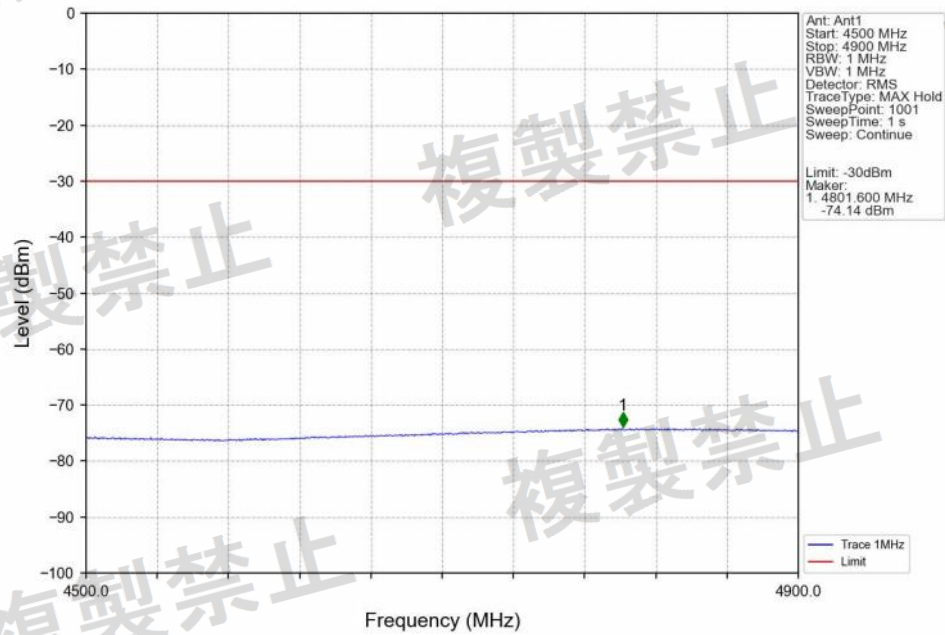
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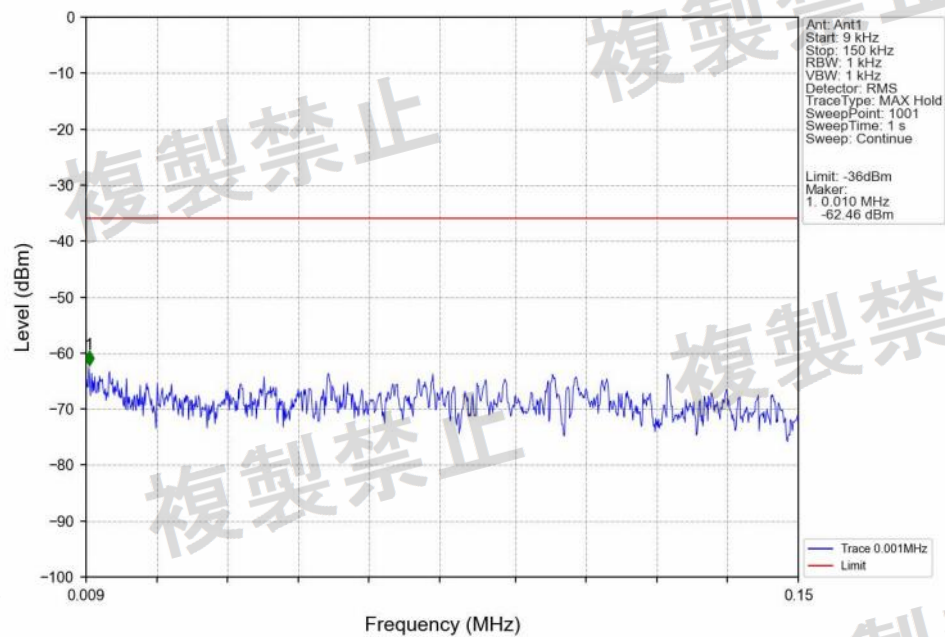
Band19 5MHz QPSK HCH 842.5MHz RB_1_0 NTN 24/25 3600-4100MHz Limit:-30



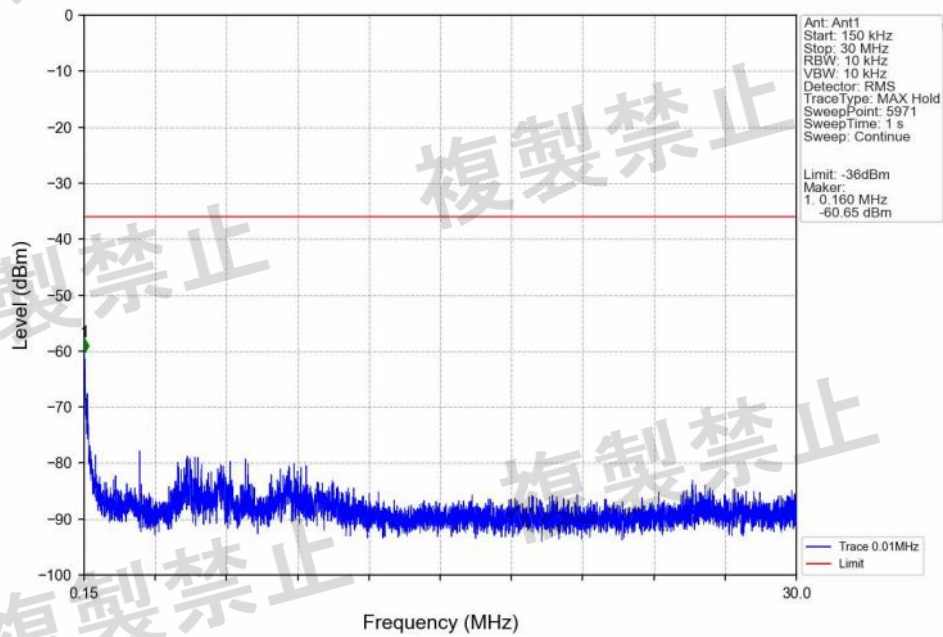
Band19_5MHz_QPSK_HCH_842.5MHz_RB_1_0_NTNV_25/25_4500-4900MHz Limit:-30



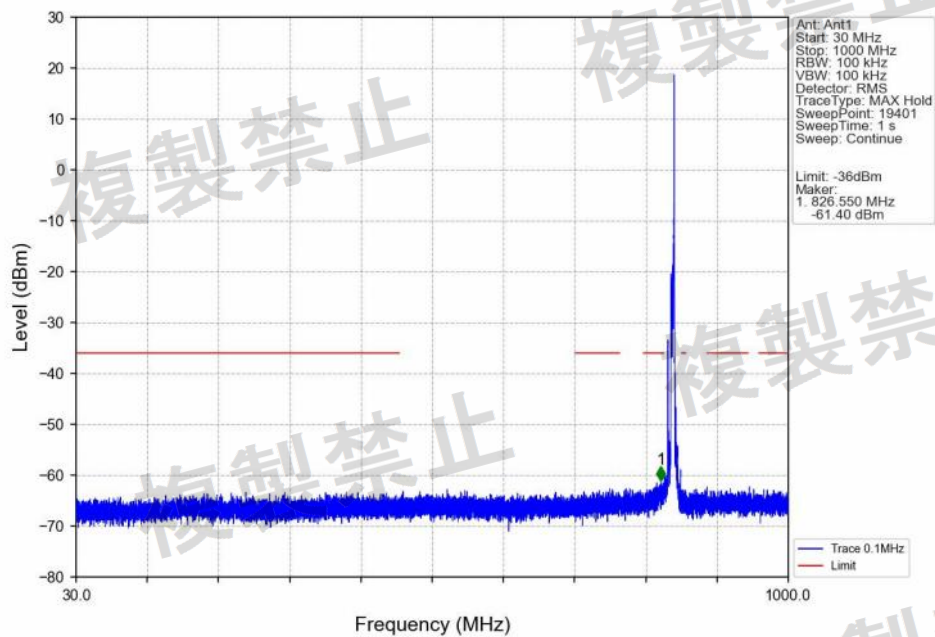
Band19_5MHz_QPSK_HCH_842.5MHz_RB_1_24_NTNV_1/25_0.009-0.15MHz Limit:-36



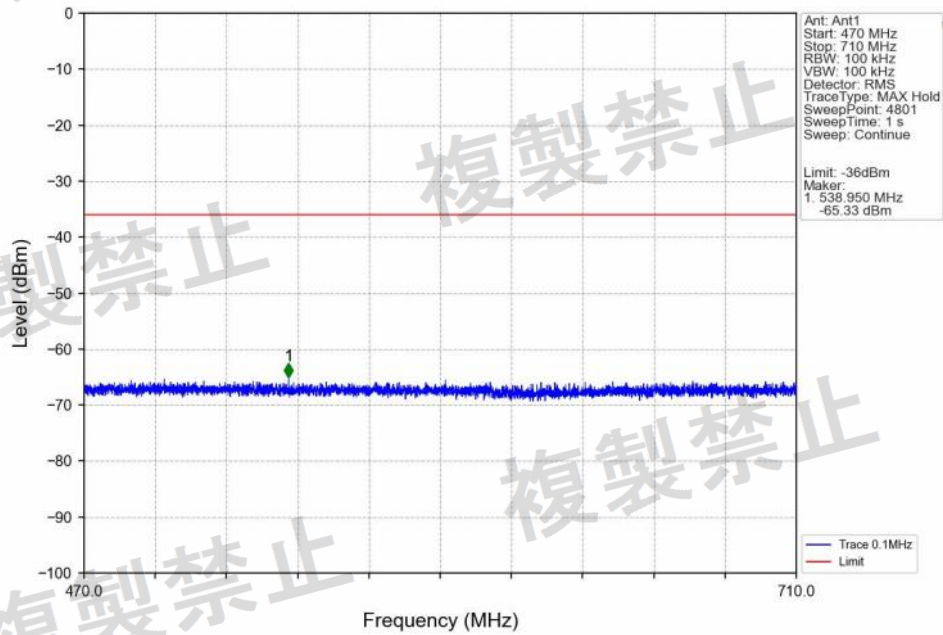
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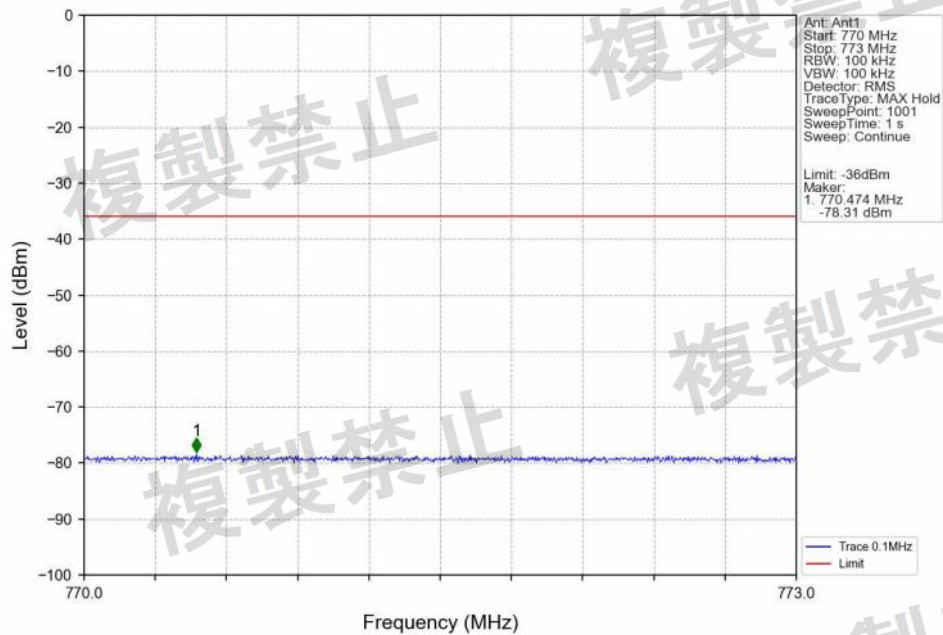
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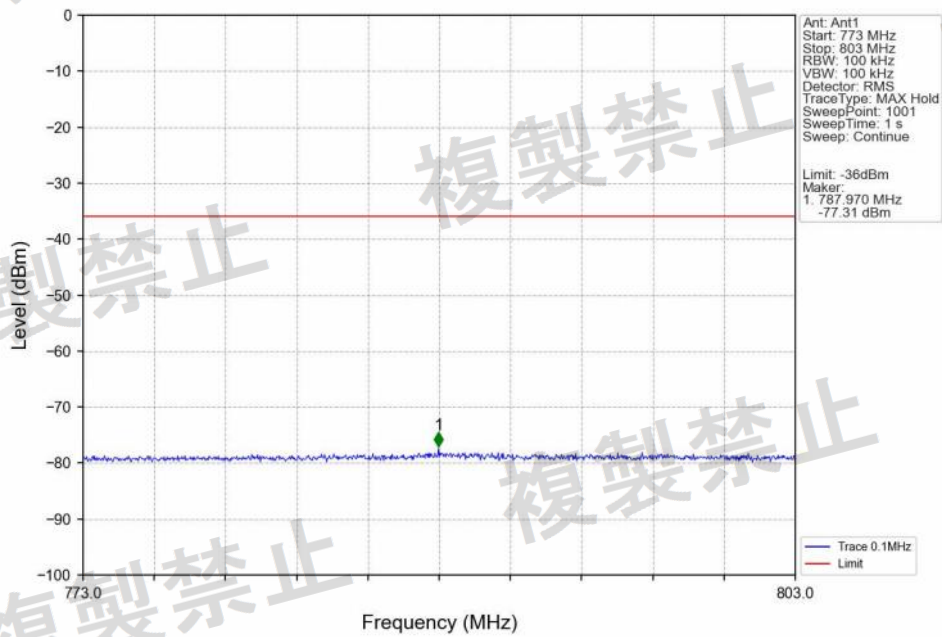
Band19_5MHz_QPSK_HCH_842.5MHz_RB_1_24_NTNV 8/25 470-710MHz Limit:-36



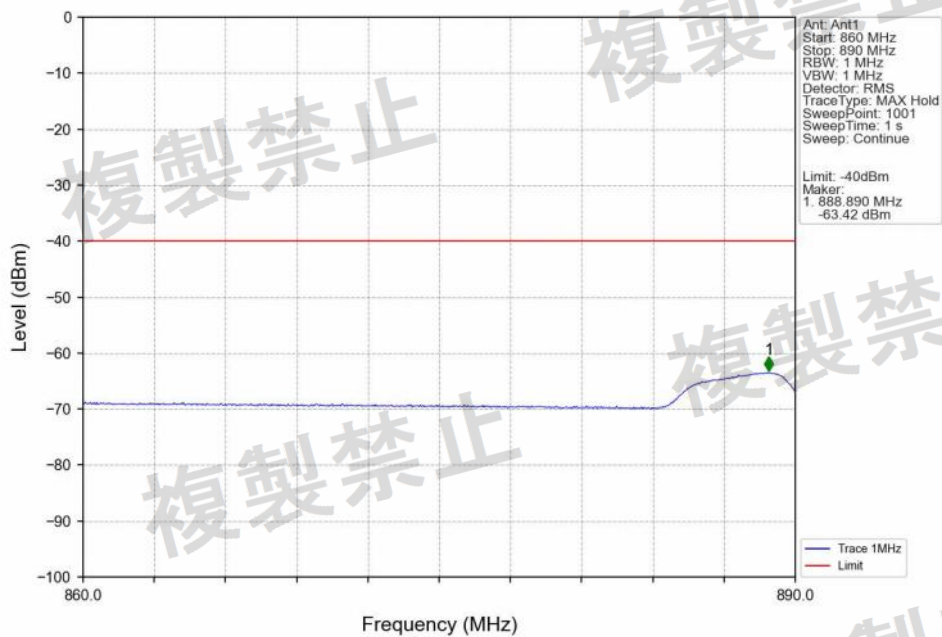
Band19_5MHz_QPSK_HCH_842.5MHz_RB_1_24_NTNV 9/25 770-773MHz Limit:-36



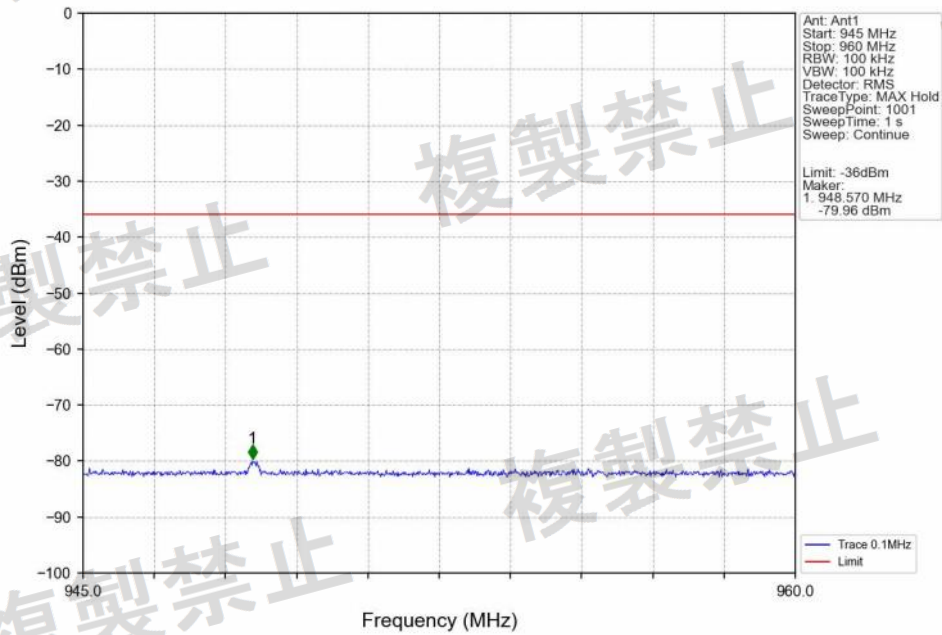
Band19 5MHz QPSK HCH 842.5MHz RB 1 24 NTNV 10/25 773-803MHz Limit:-36



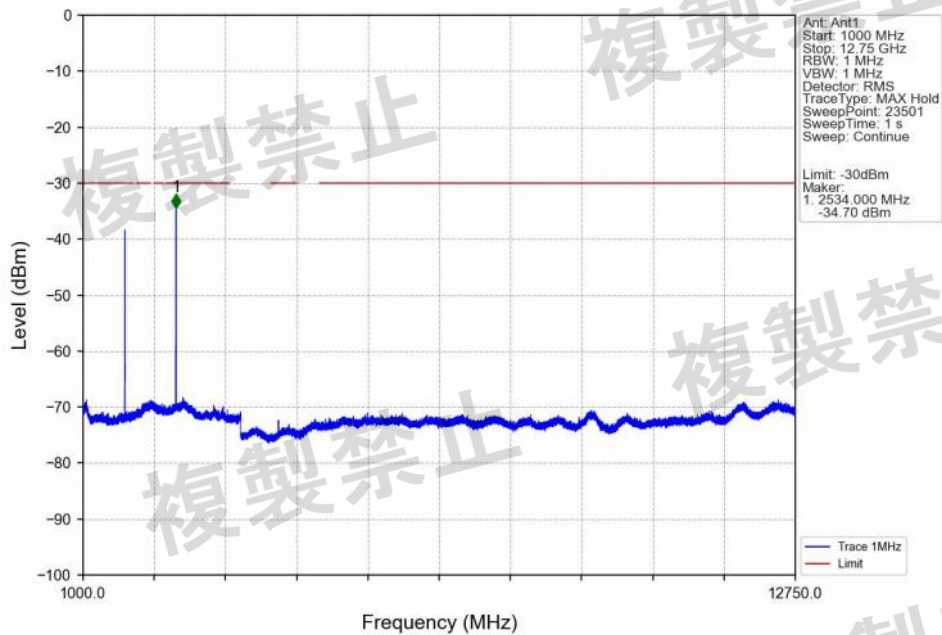
Band19 5MHz QPSK HCH 842.5MHz RB 1 24 NTNV 11/25 860-890MHz Limit:-40

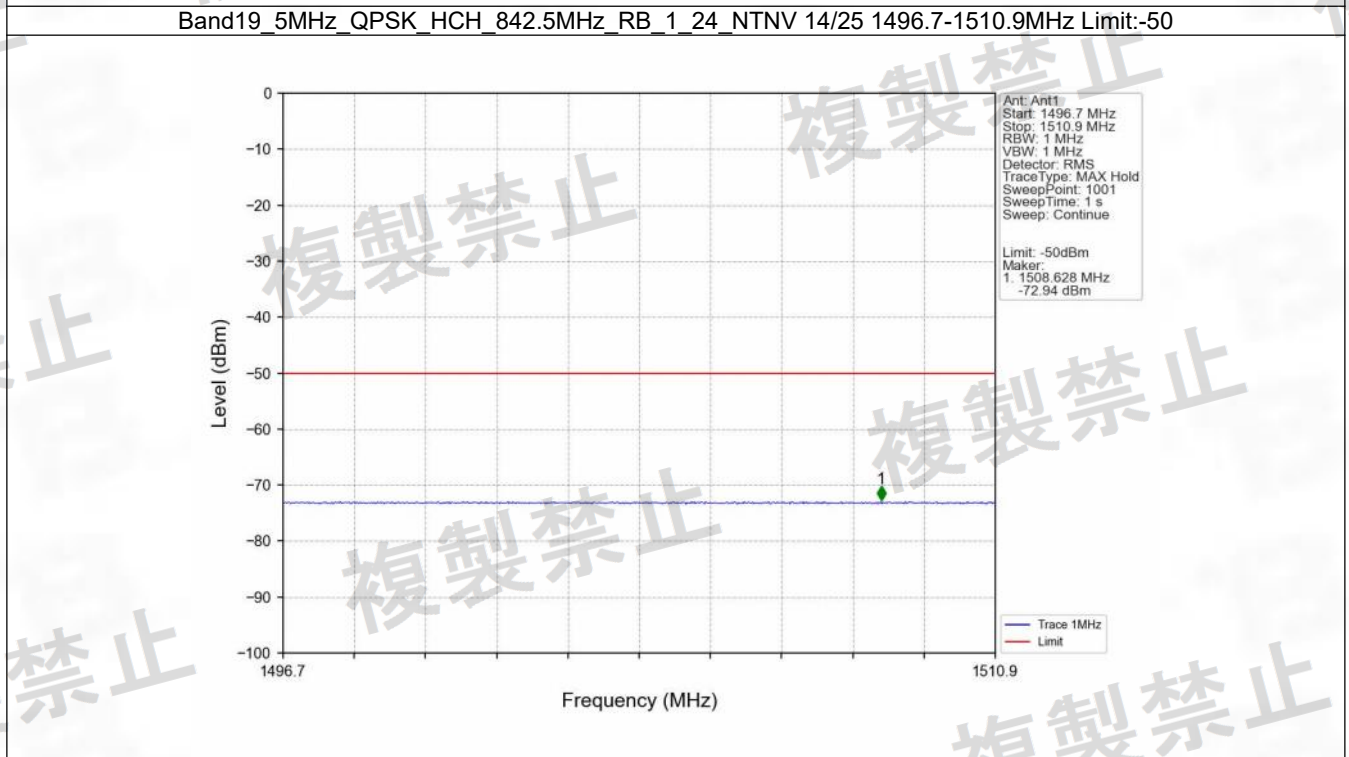
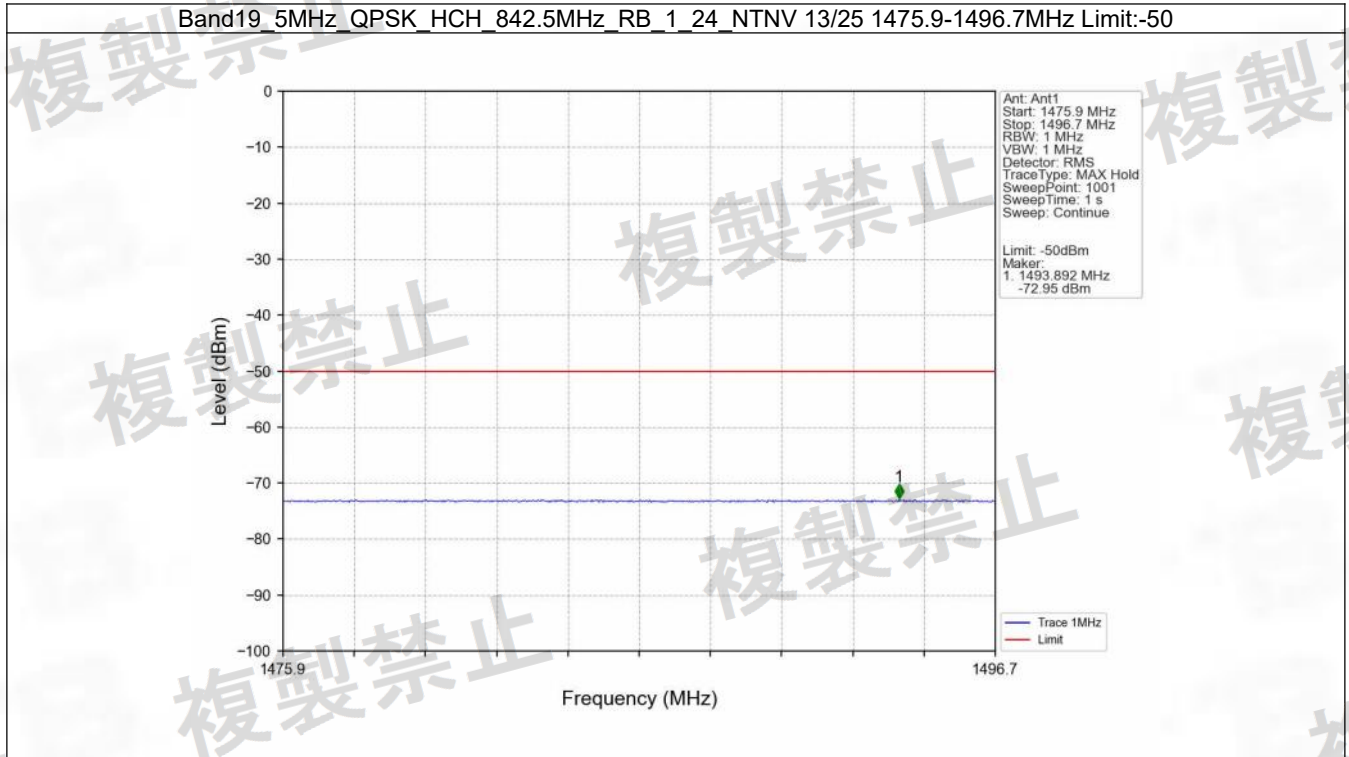


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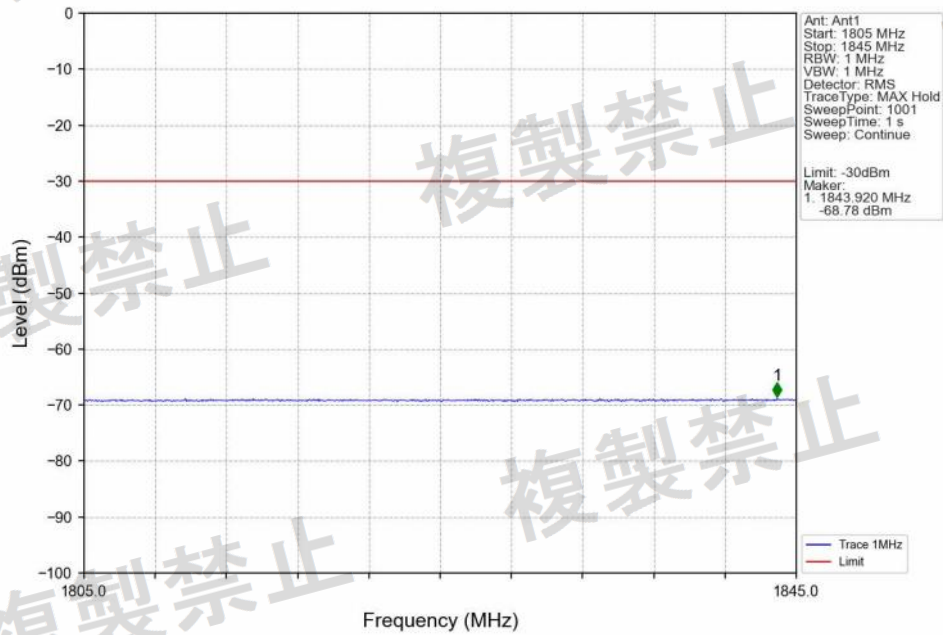


Band19_5MHz_QPSK_HCH_842.5MHz_RB_1_24_NTNV_4/25_1000-12750MHz_Limit:-30

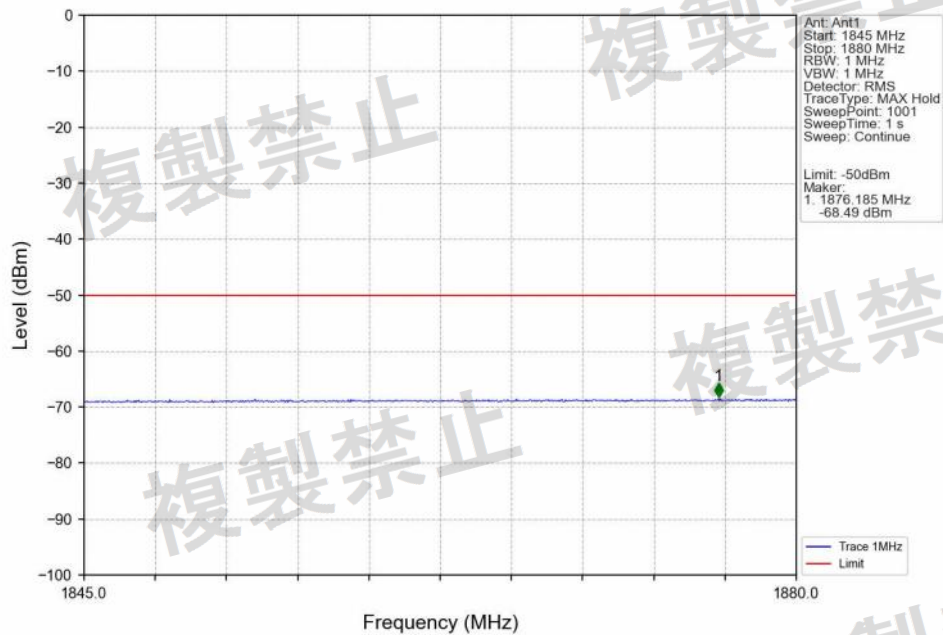




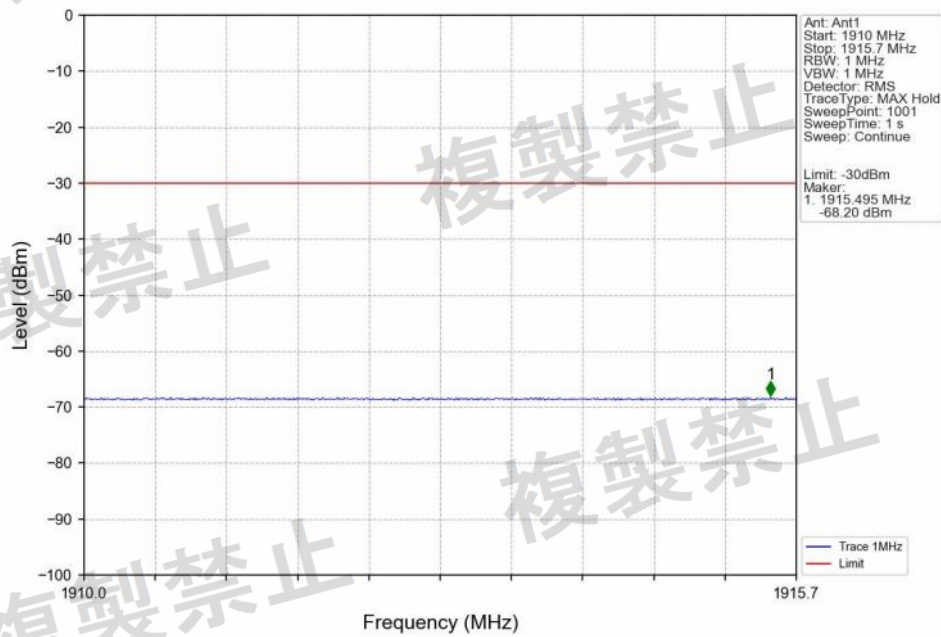
Band19 5MHz QPSK HCH 842.5MHz RB 1 24 NTN 15/25 1805-1845MHz Limit:-30



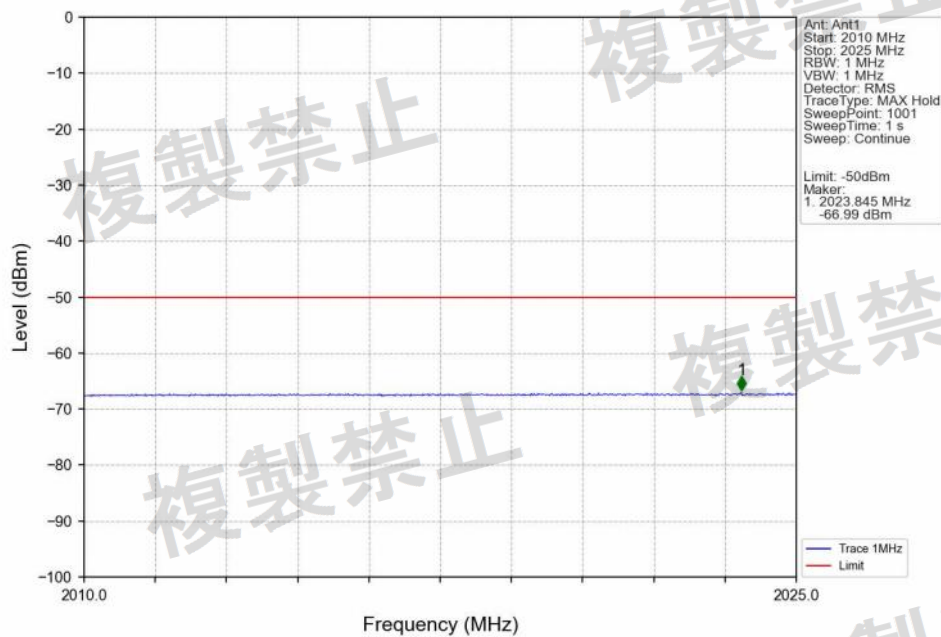
Band19 5MHz QPSK HCH 842.5MHz RB 1 24 NTN 5/25 1845-1880MHz Limit:-50



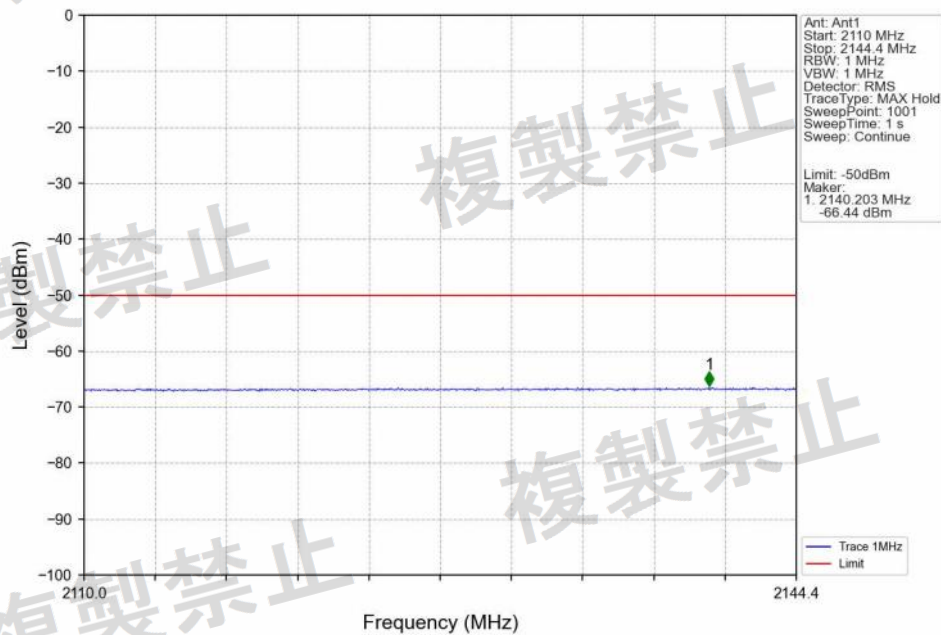
Band19 5MHz QPSK HCH 842.5MHz RB 1 24 NTN 16/25 1910-1915.7MHz Limit:-30



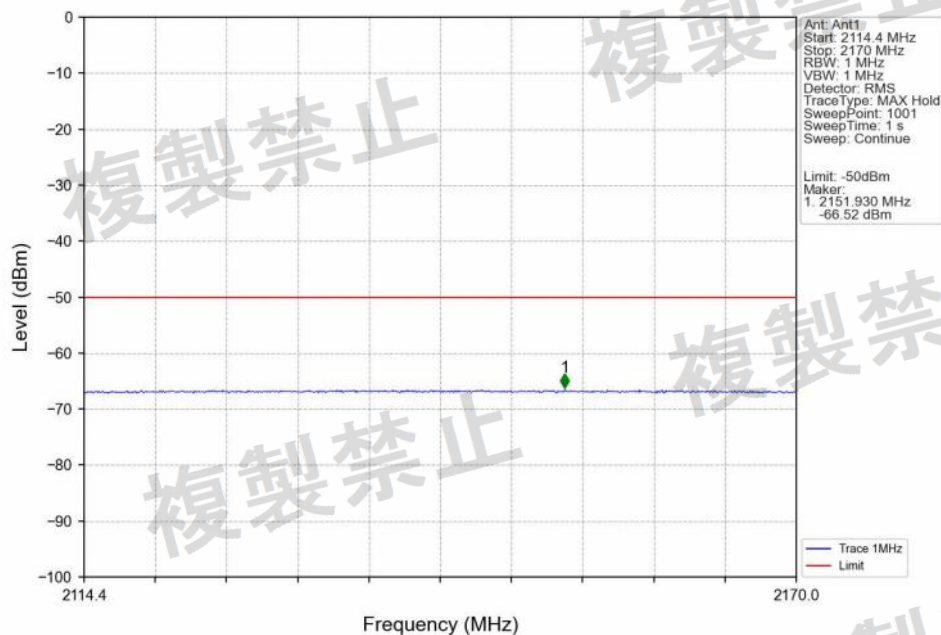
Band19 5MHz QPSK HCH 842.5MHz RB 1 24 NTN 6/25 2010-2025MHz Limit:-50



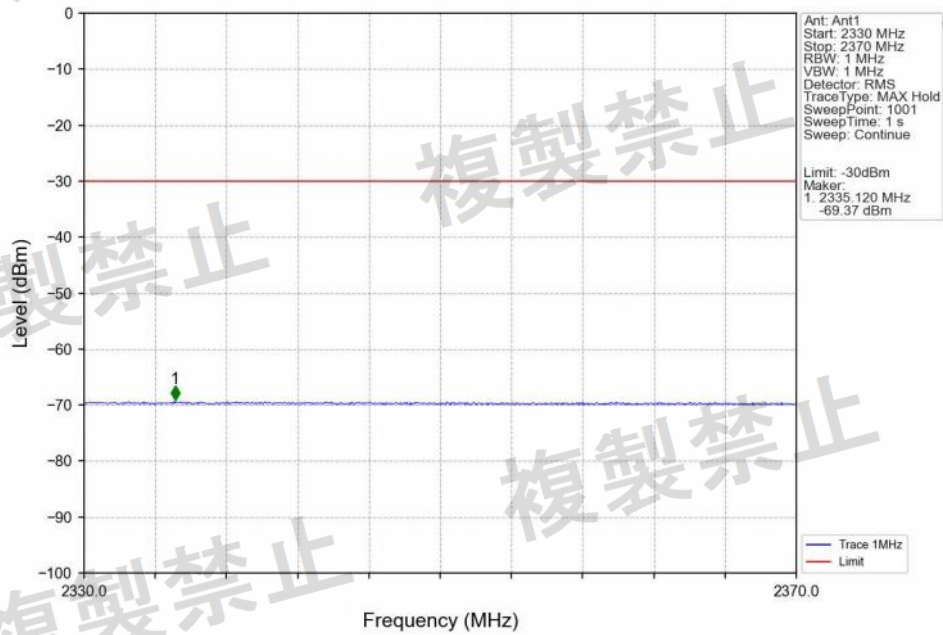
Band19 5MHz QPSK HCH 842.5MHz RB_1_24 NTN 7/25 2110-2144.4MHz Limit:-50



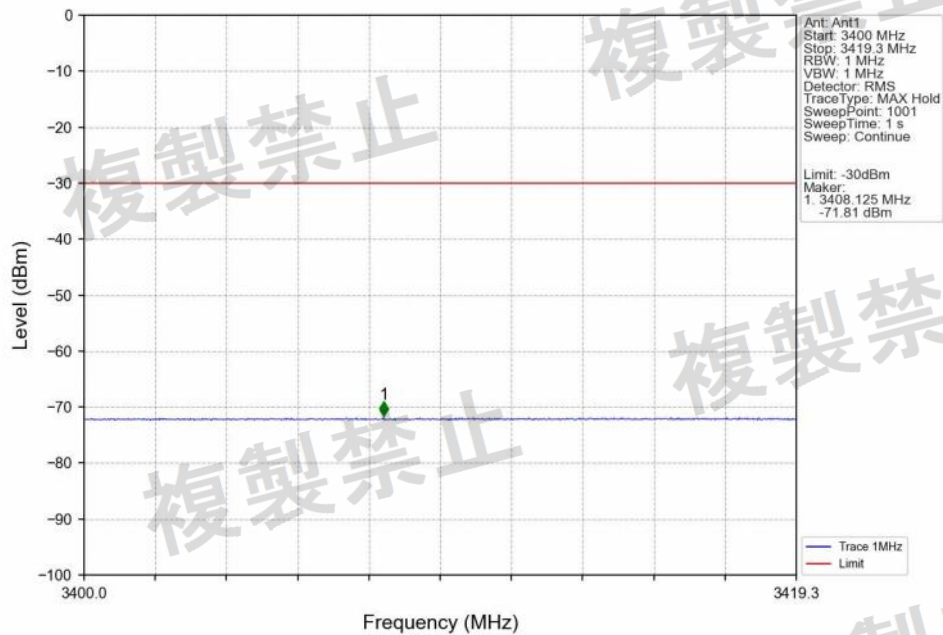
Band19 5MHz QPSK HCH 842.5MHz RB_1_24 NTN 17/25 2114.4-2170MHz Limit:-50

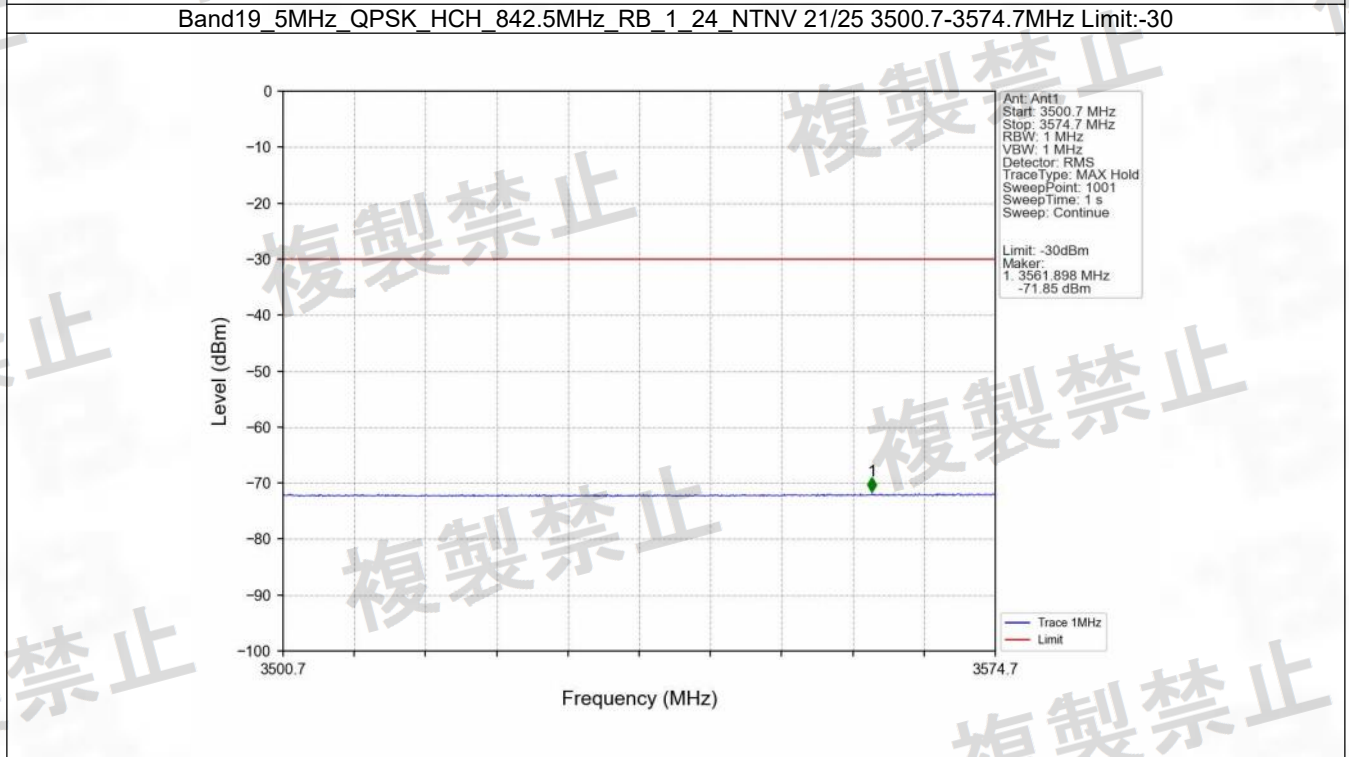
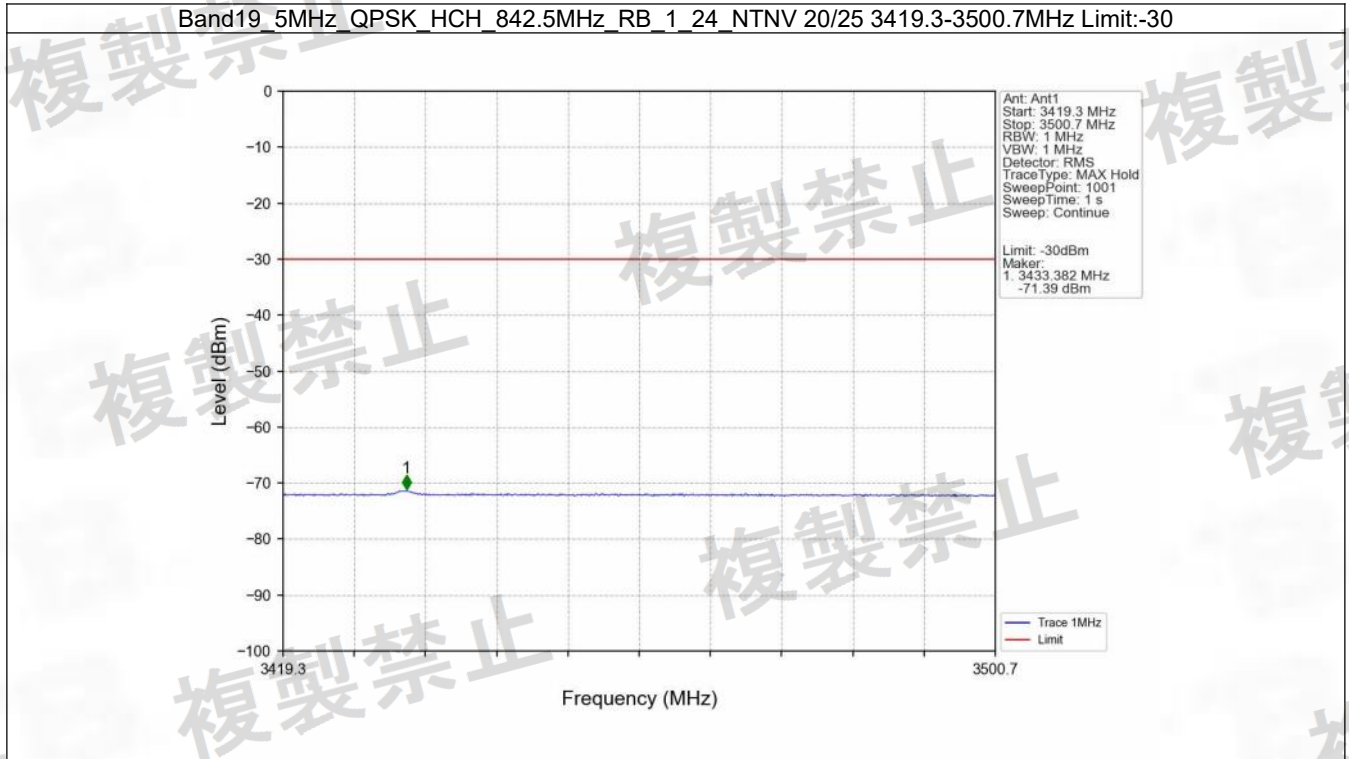


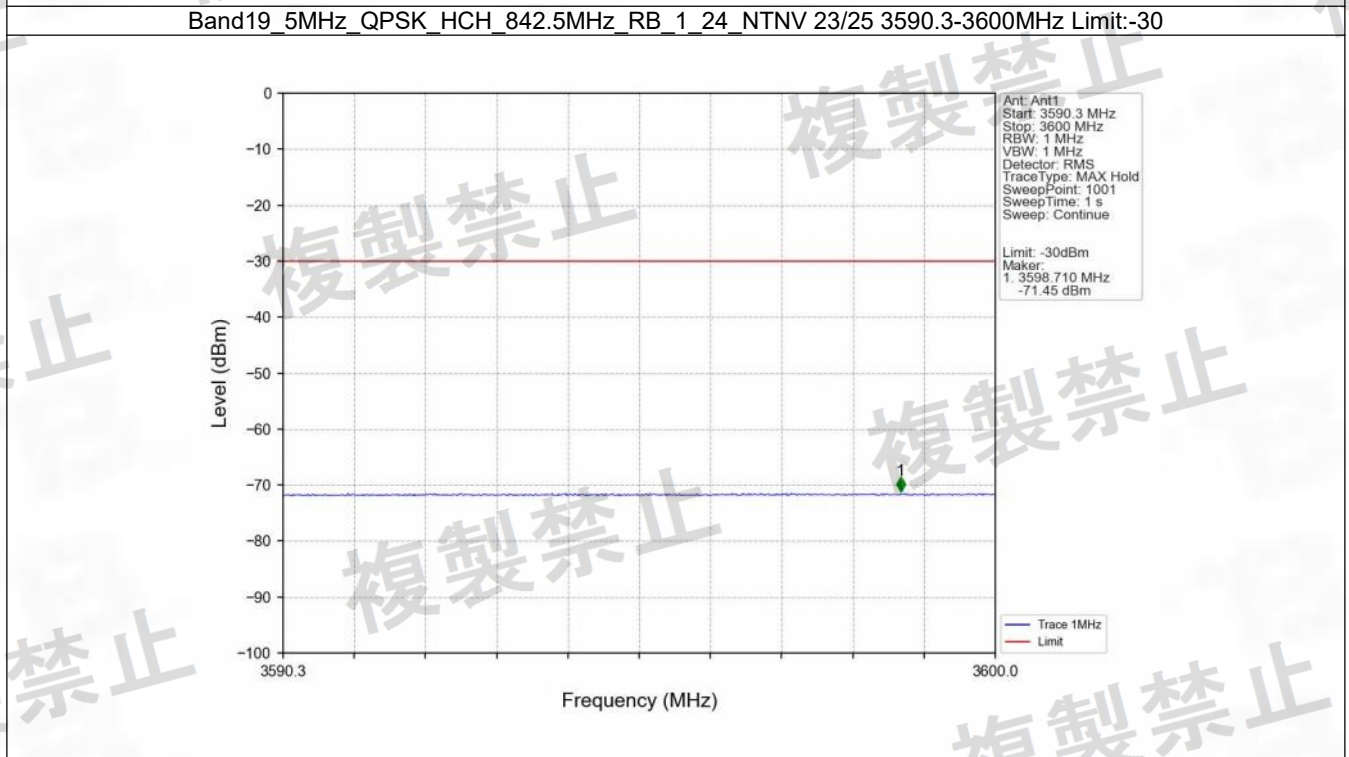
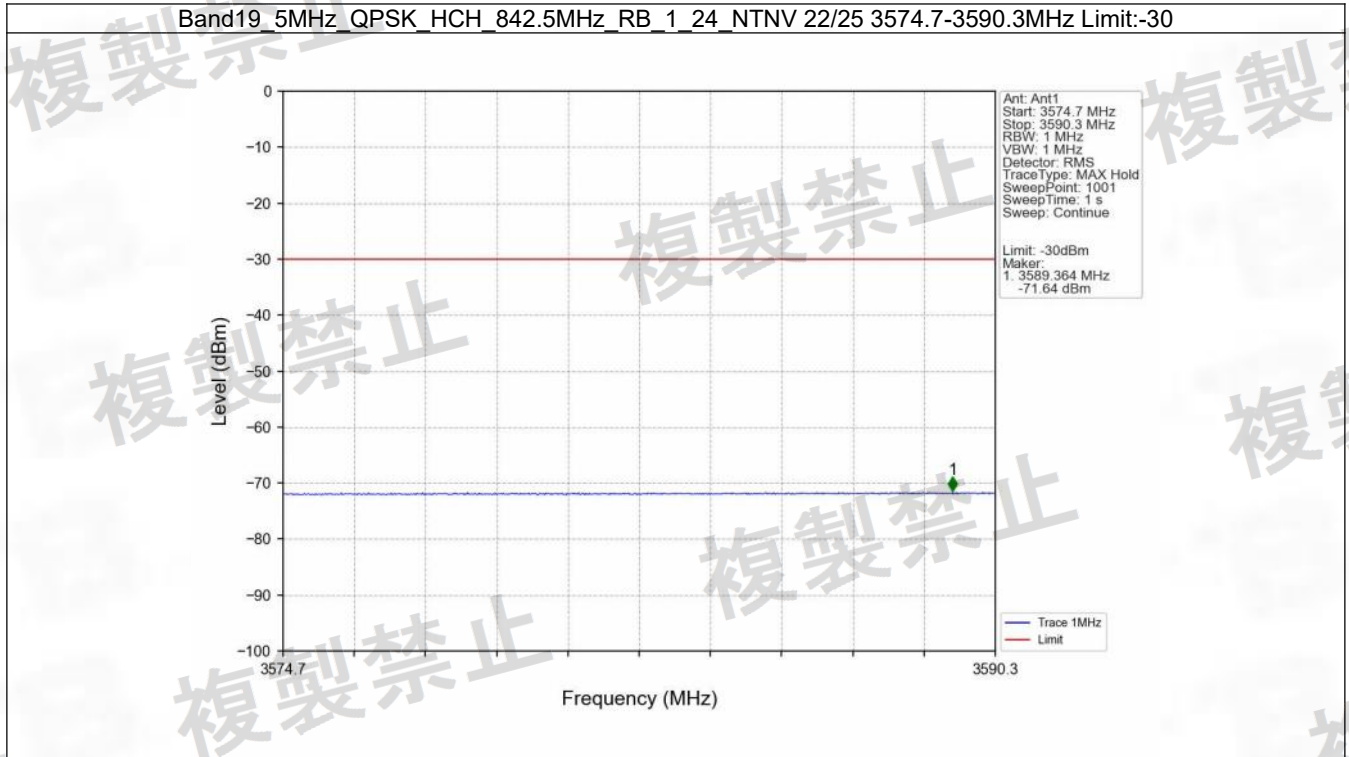
Band19_5MHz_QPSK_HCH_842.5MHz_RB_1_24_NTNV_18/25_2330-2370MHz Limit:-30



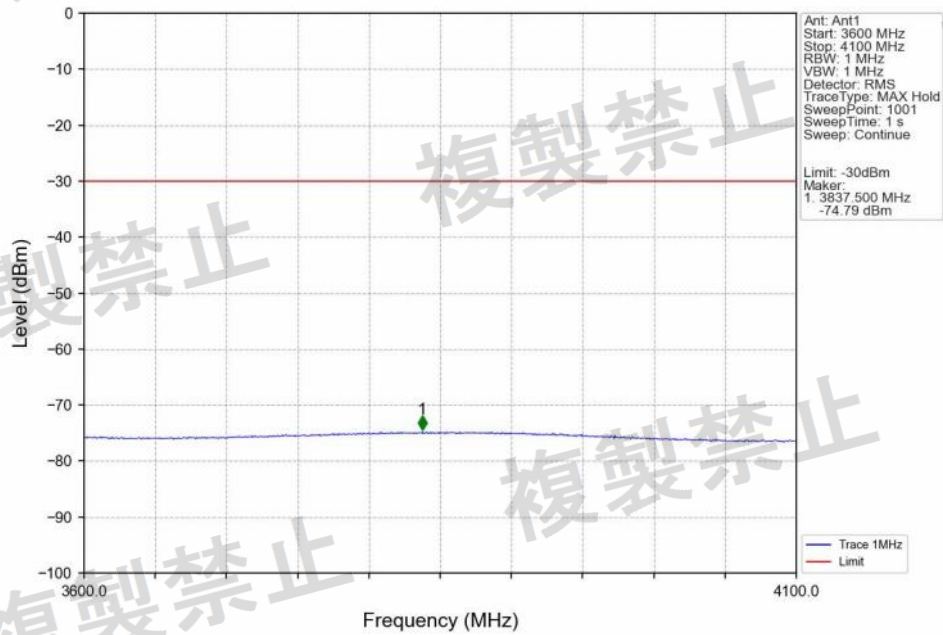
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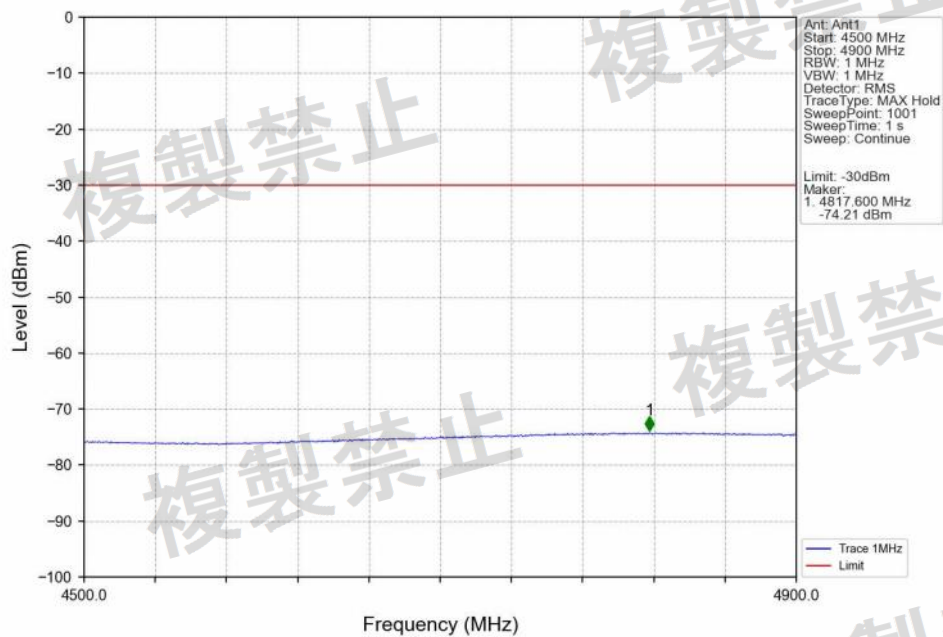




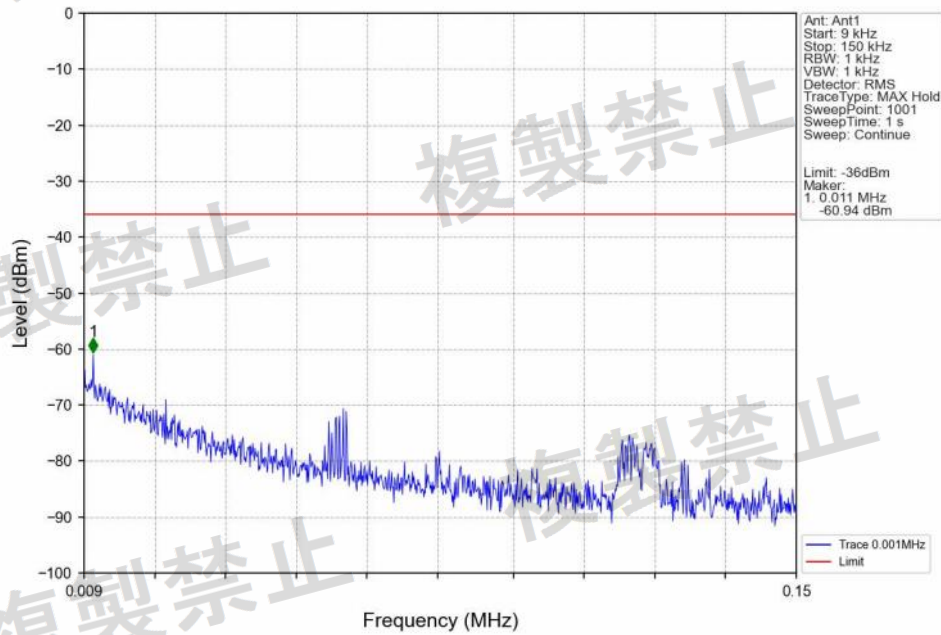
Band19_5MHz_QPSK_HCH_842.5MHz_RB_1_24_NTNV 24/25 3600-4100MHz Limit:-30



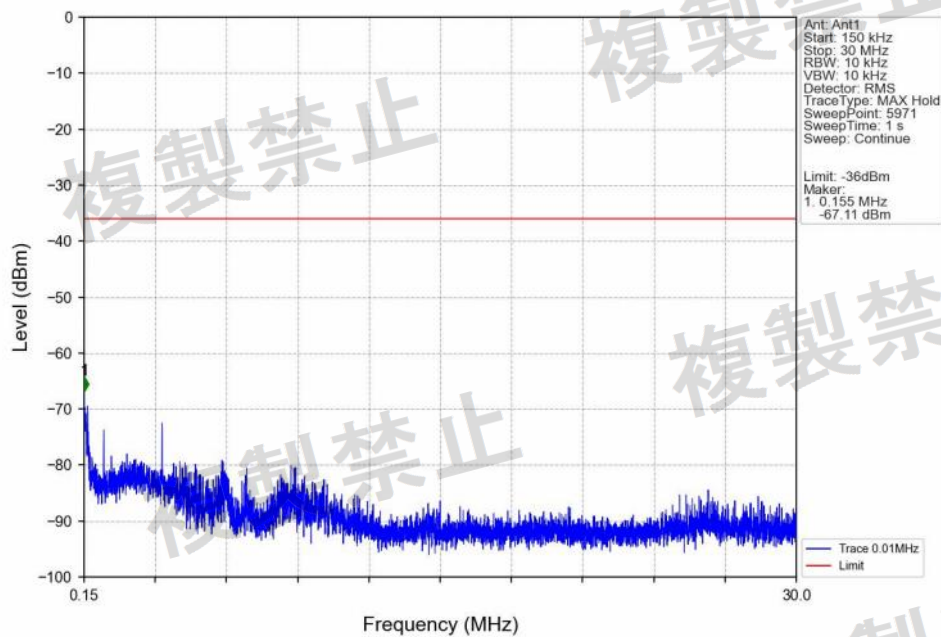
Band19_5MHz_QPSK_HCH_842.5MHz_RB_1_24_NTNV 25/25 4500-4900MHz Limit:-30



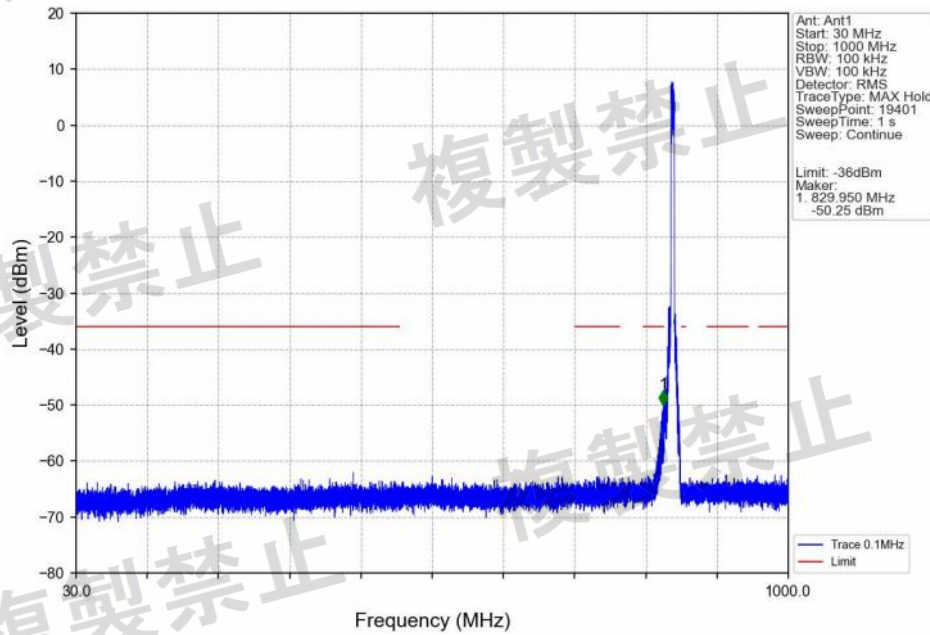
Band19_5MHz_QPSK_HCH_842.5MHz_RB_25_0_NTNV 1/25 0.009-0.15MHz Limit:-36



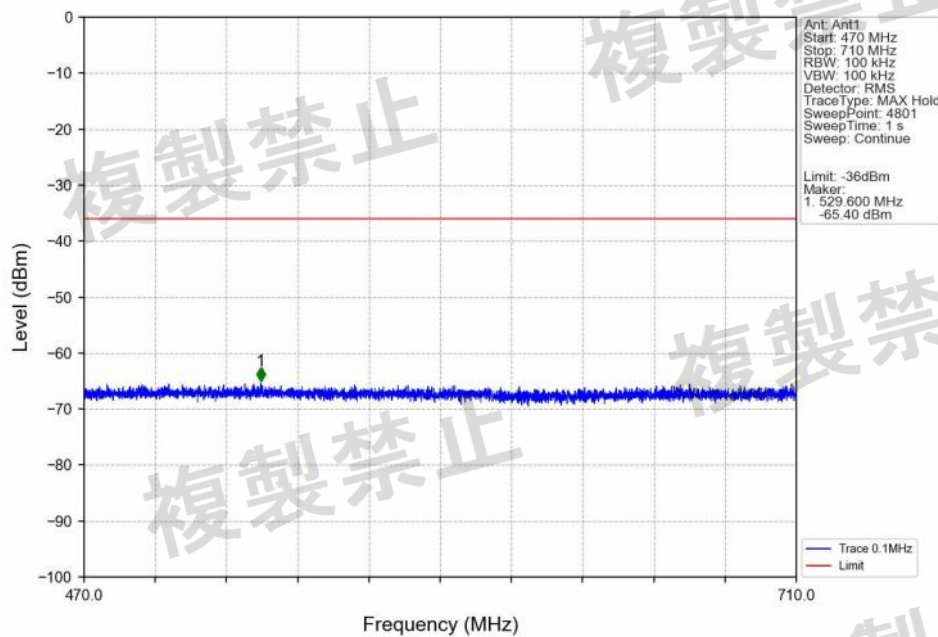
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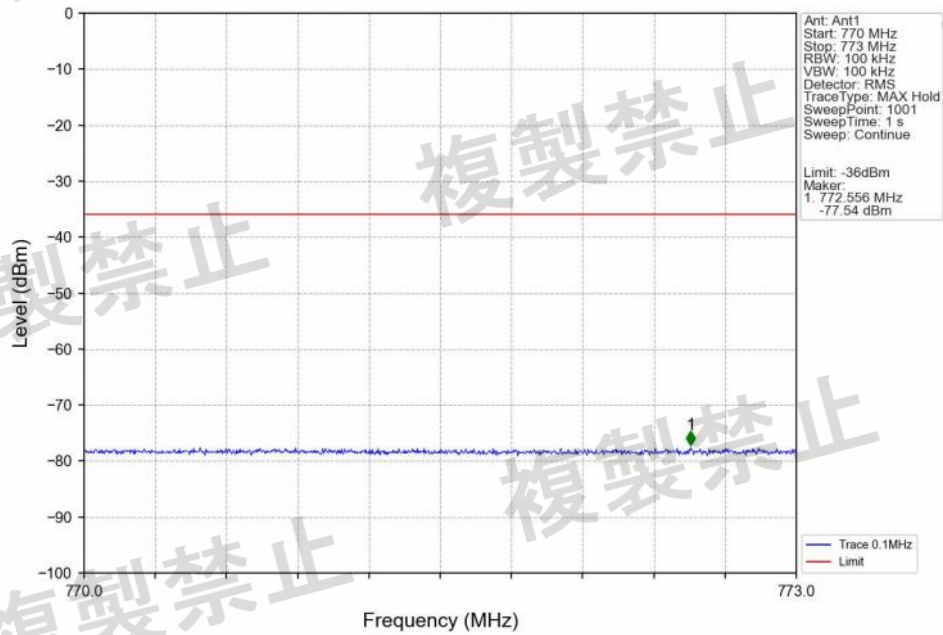
Band19_5MHz_QPSK_HCH_842.5MHz_RB_25_0_NTNV 3/25 30-1000MHz Limit:-36



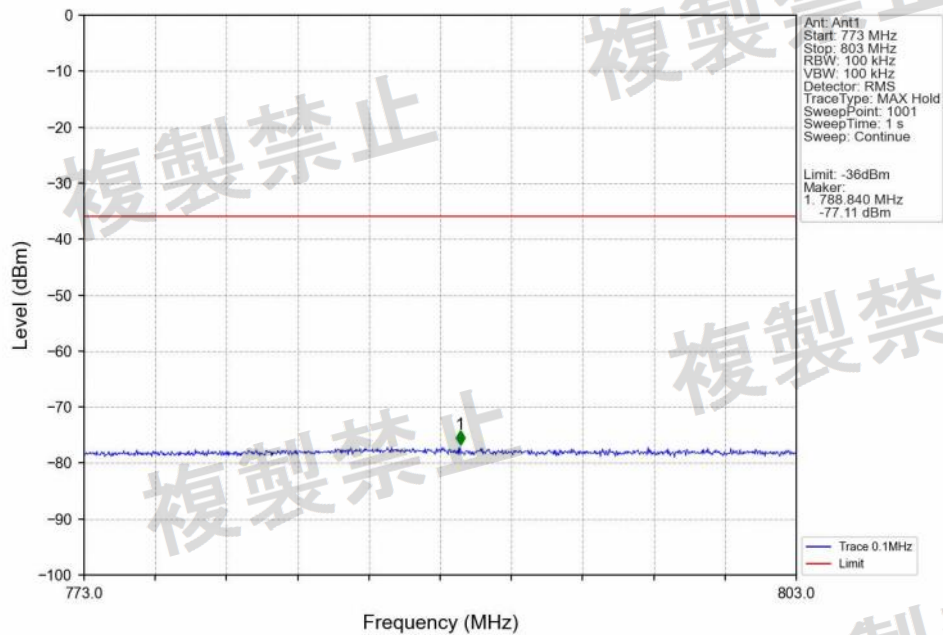
Band19_5MHz_QPSK_HCH_842.5MHz_RB_25_0_NTNV 8/25 470-710MHz Limit:-36



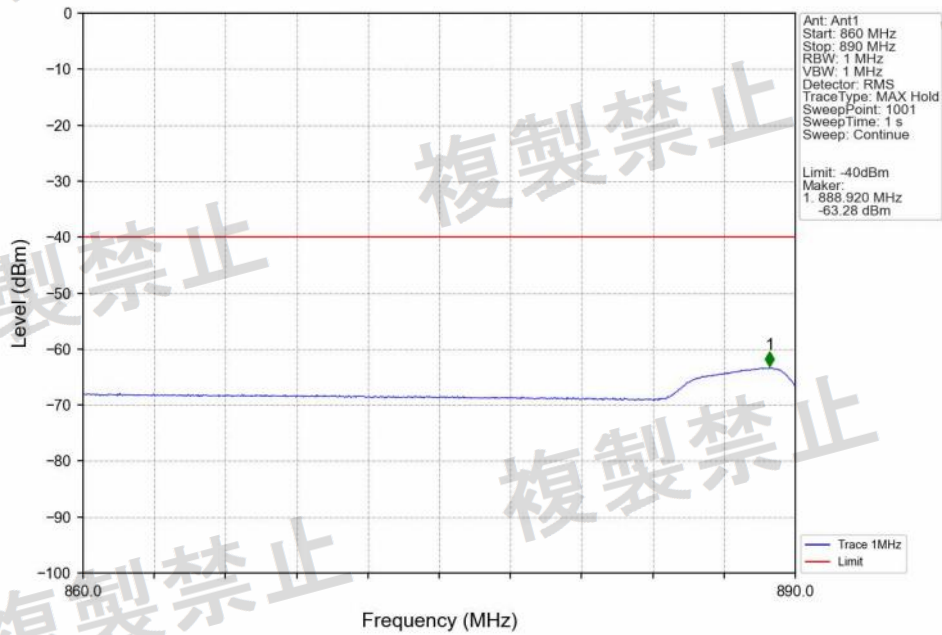
Band19_5MHz_QPSK_HCH_842.5MHz_RB_25_0_NTNV 9/25 770-773MHz Limit:-36



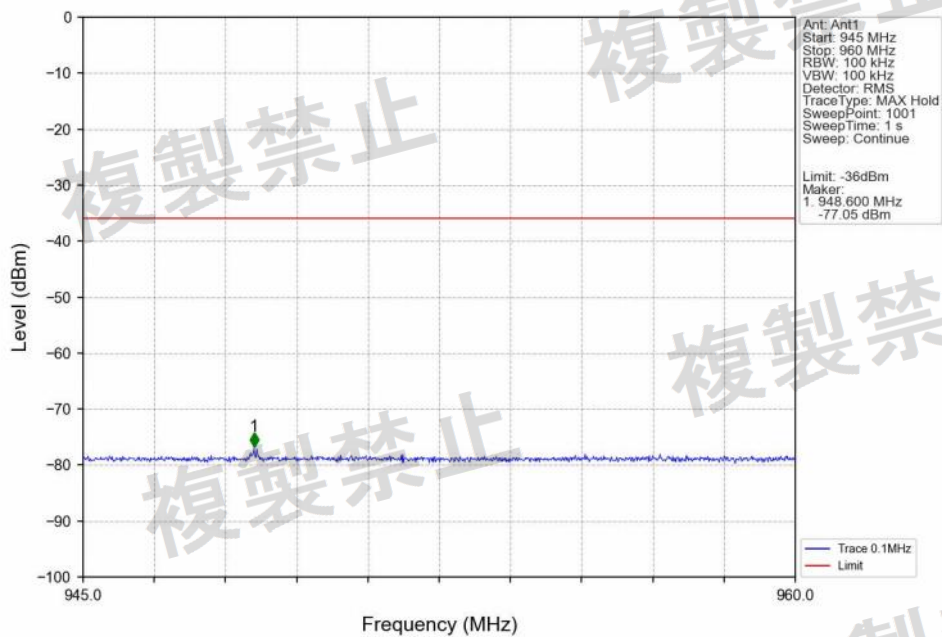
Band19_5MHz_QPSK_HCH_842.5MHz_RB_25_0_NTNV 10/25 773-803MHz Limit:-36



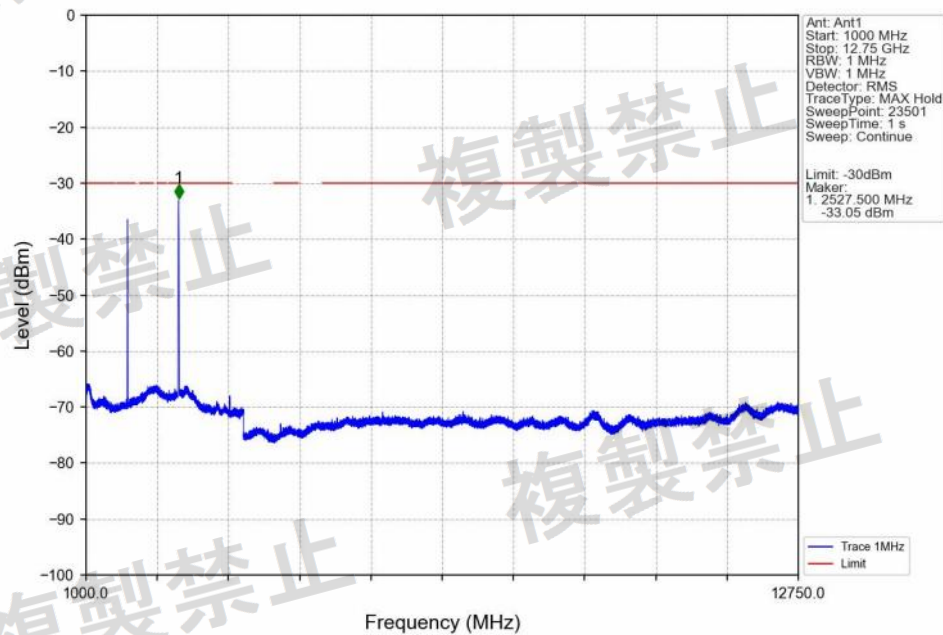
Band19 5MHz QPSK HCH 842.5MHz RB 25 0 NTV 11/25 860-890MHz Limit:-40



Band19 5MHz QPSK HCH 842.5MHz RB 25 0 NTV 12/25 945-960MHz Limit:-36



Band19_5MHz_QPSK_HCH_842.5MHz_RB_25_0_NTNV 4/25 1000-12750MHz Limit:-30



Band19_5MHz_QPSK_HCH_842.5MHz_RB_25_0_NTNV 13/25 1475.9-1496.7MHz Limit:-50

