

Appendix - 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	0.858	-2.060	1.388	Hz	$\pm(0.1*fc*10^{-6}+15)$	Pass
Vibration Condition	-6.108	-17.567	-17.724	Hz	$\pm(0.1*fc*10^{-6}+15)$	Pass
High Temp. Condition 55°C	-25.349	-9.756	0.958	Hz	$\pm(0.1*fc*10^{-6}+15)$	Pass
Low Temp. Condition -10°C	-11.787	-6.466	1.016	Hz	$\pm(0.1*fc*10^{-6}+15)$	Pass
High RH Condition 95%	-41.084	-14.305	-9.112	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	-8.011	-1.016	2.375	Hz	$\pm(0.1*fc*10^{-6}+15)$	Pass
Vibration Condition	-6.123	-15.221	-4.077	Hz	$\pm(0.1*fc*10^{-6}+15)$	Pass
High Temp. Condition 55°C	-32.158	-7.567	-0.200	Hz	$\pm(0.1*fc*10^{-6}+15)$	Pass
Low Temp. Condition -10°C	-18.997	-3.233	1.616	Hz	$\pm(0.1*fc*10^{-6}+15)$	Pass
High RH Condition 95%	-47.507	-13.361	-4.478	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	/	-16.952	/	Hz	$\pm(0.1*fc*10^{-6}+15)$	Pass
Vibration Condition	/	-17.753	/	Hz	$\pm(0.1*fc*10^{-6}+15)$	Pass
High Temp. Condition 55°C	/	-44.231	/	Hz	$\pm(0.1*fc*10^{-6}+15)$	Pass
Low Temp. Condition -10°C	/	-29.268	/	Hz	$\pm(0.1*fc*10^{-6}+15)$	Pass
High RH Condition 95%	/	-5.879	/	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

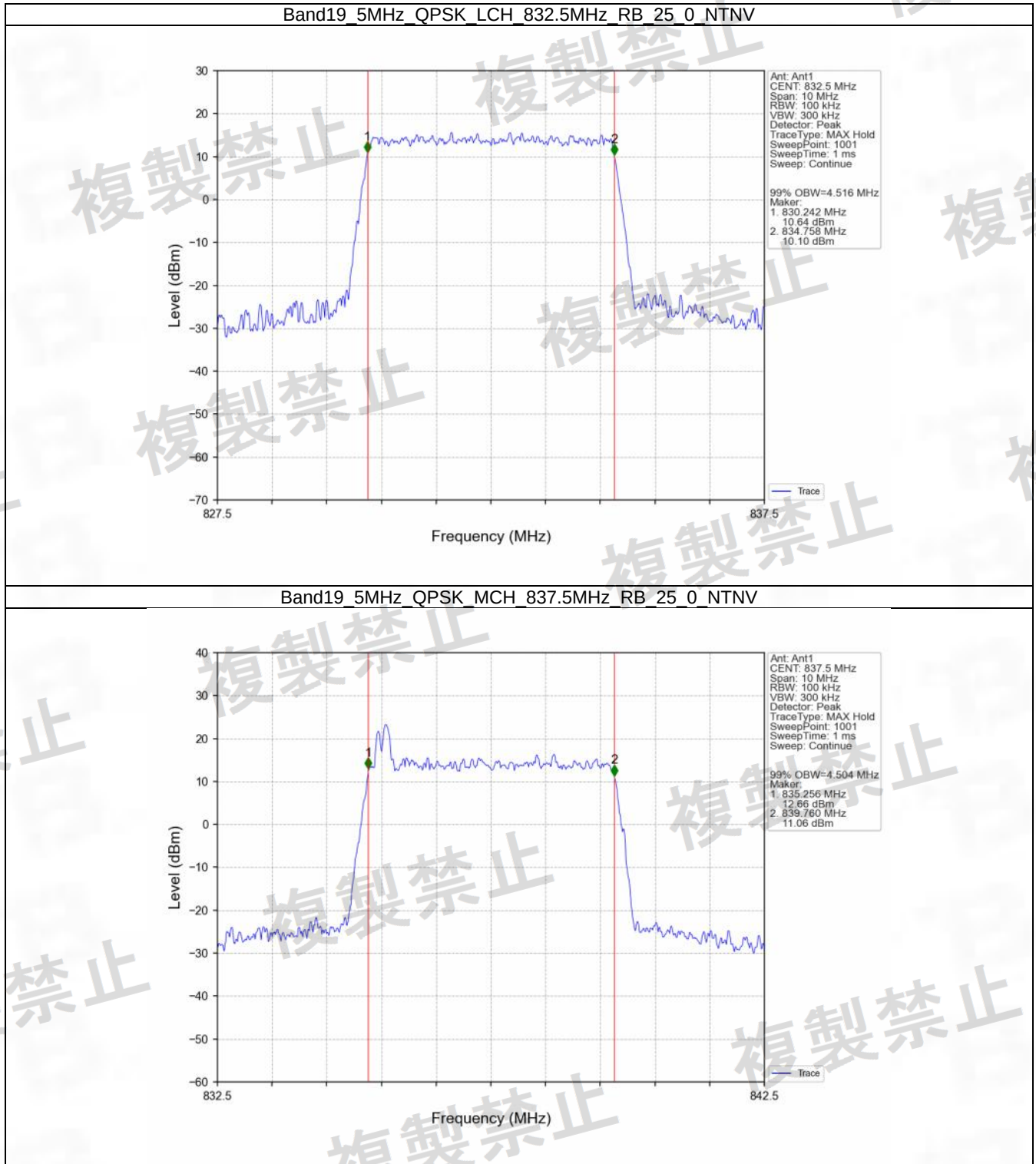
2.1.1 B19_OBW

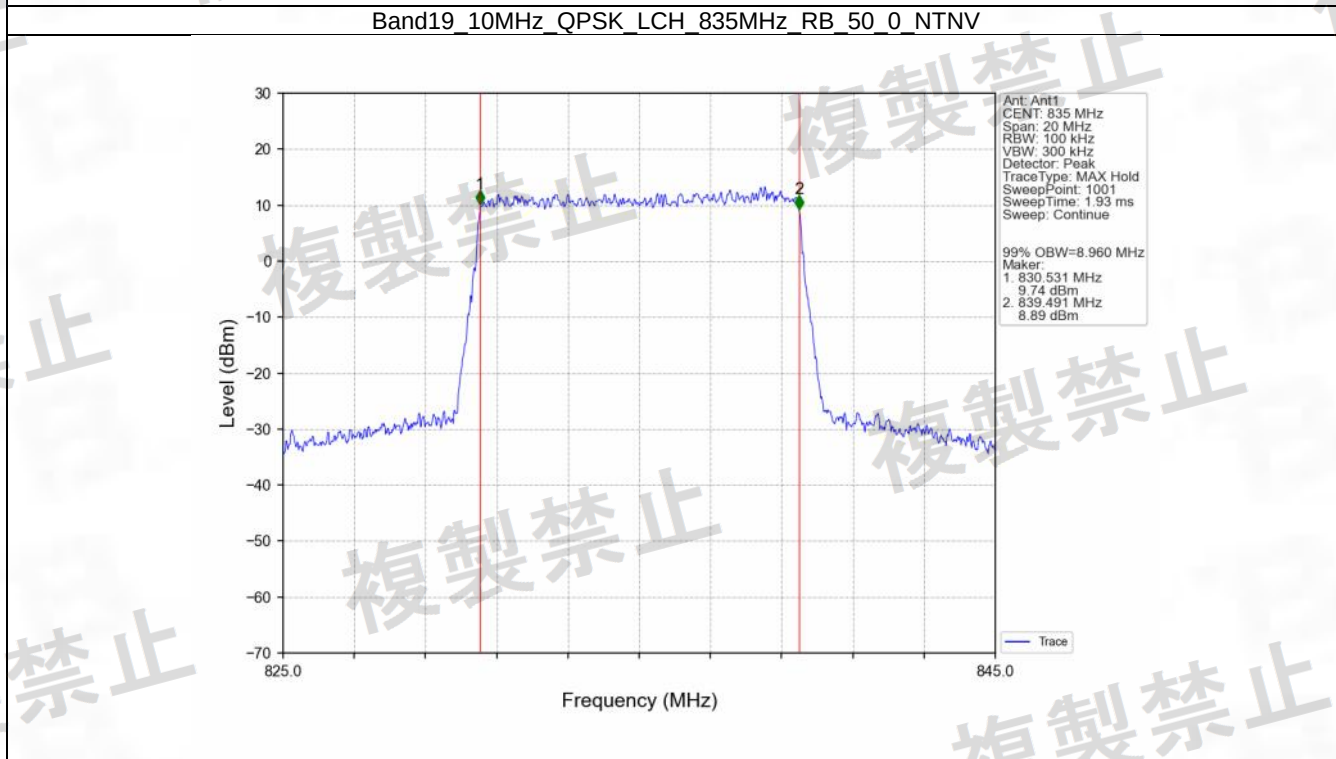
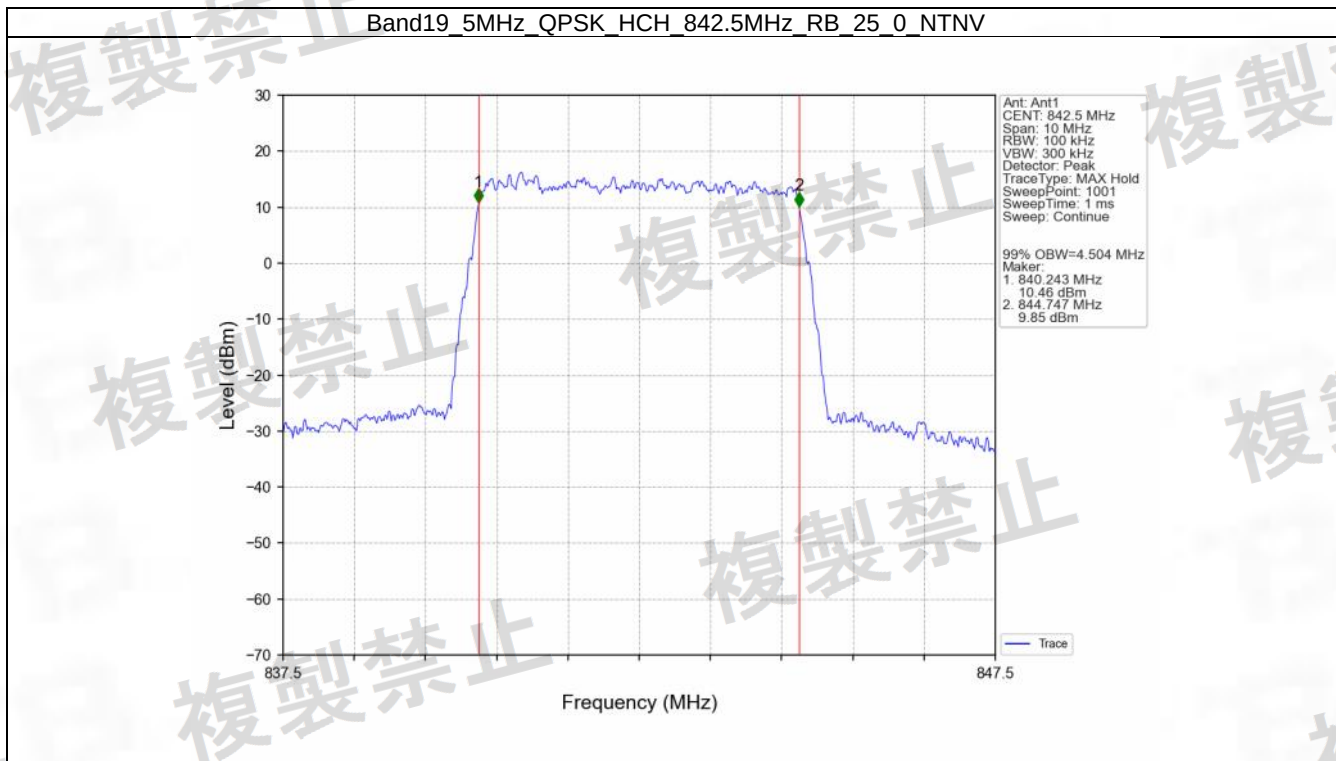
Band: 19						
BW(MHz)	Low Ch	Mid. Ch	High Ch	Unit	Limit	Result
5	4.52	4.50	4.50	MHz	≤ 5	Pass
10	8.96	8.95	8.93	MHz	≤ 10	Pass

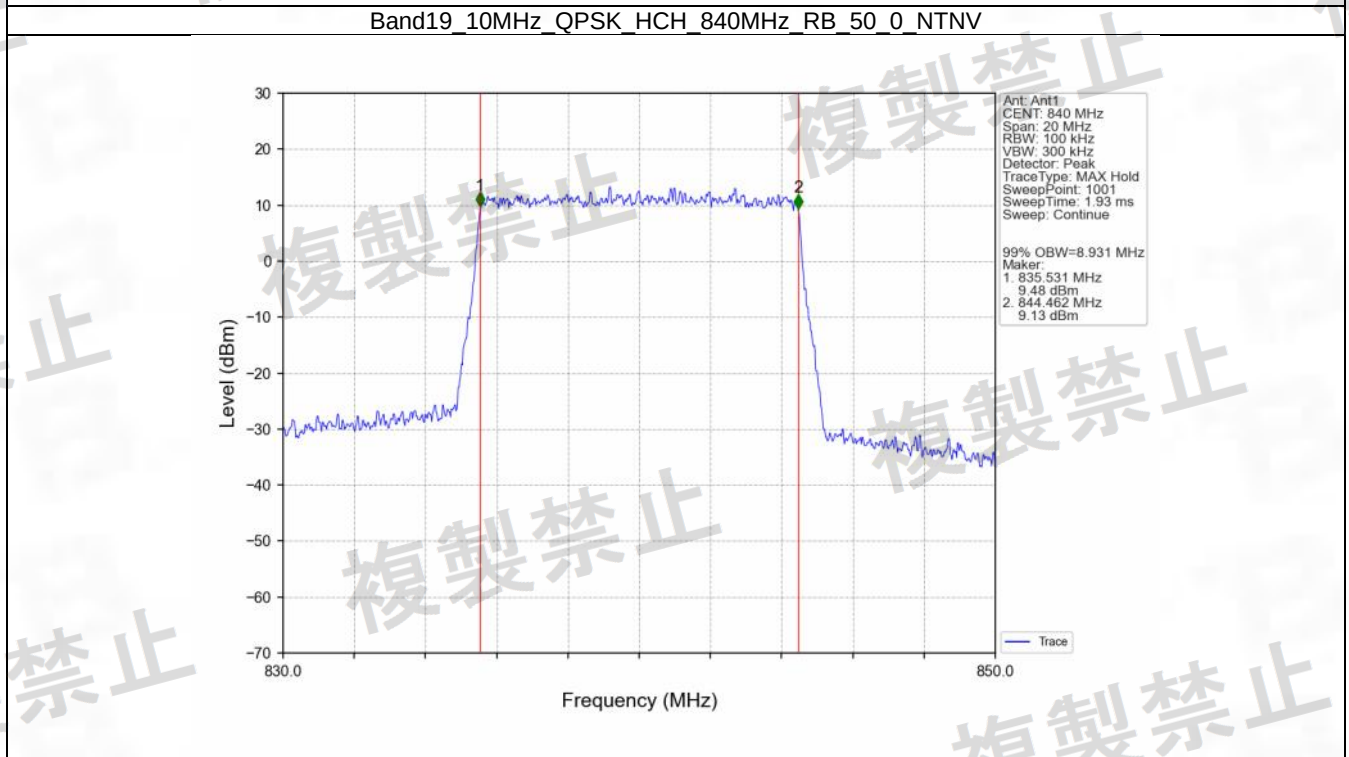
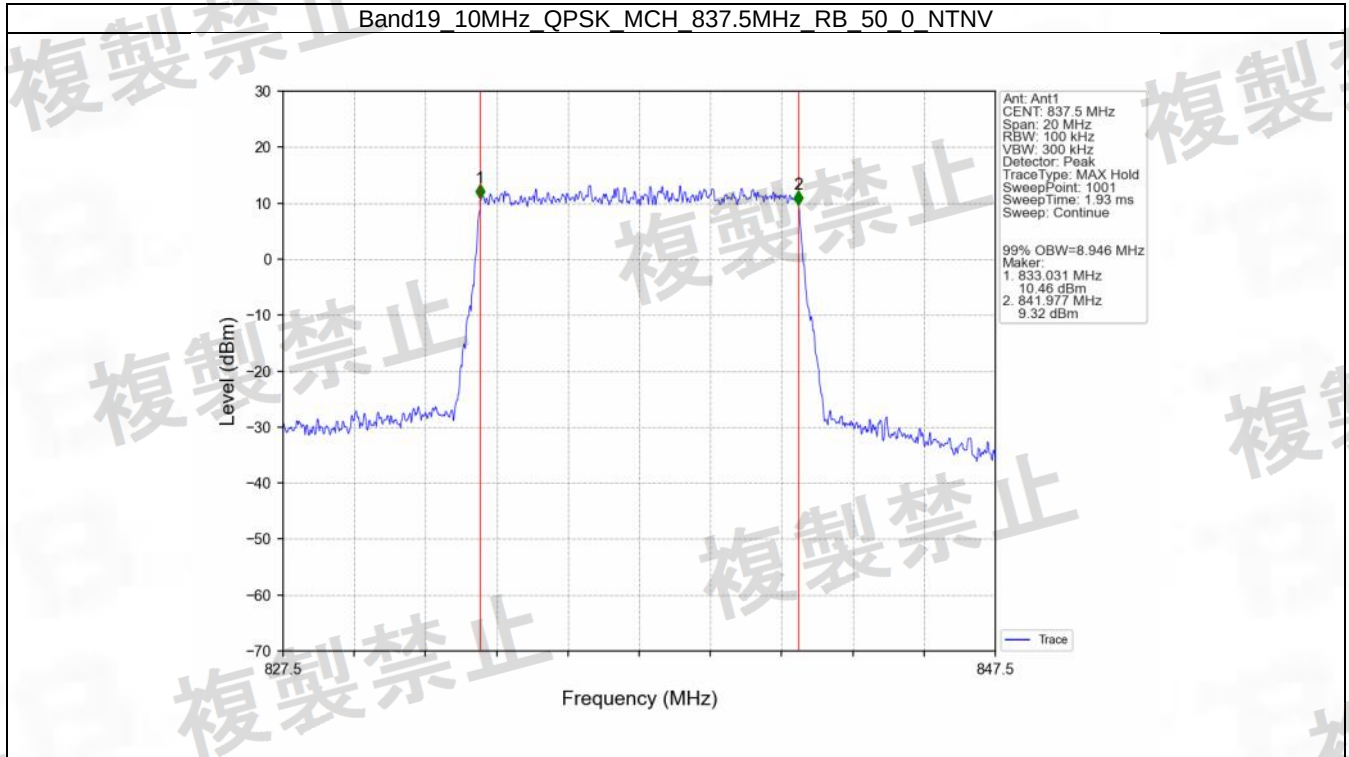
15	/	13.41	/	MHz	<=15	Pass
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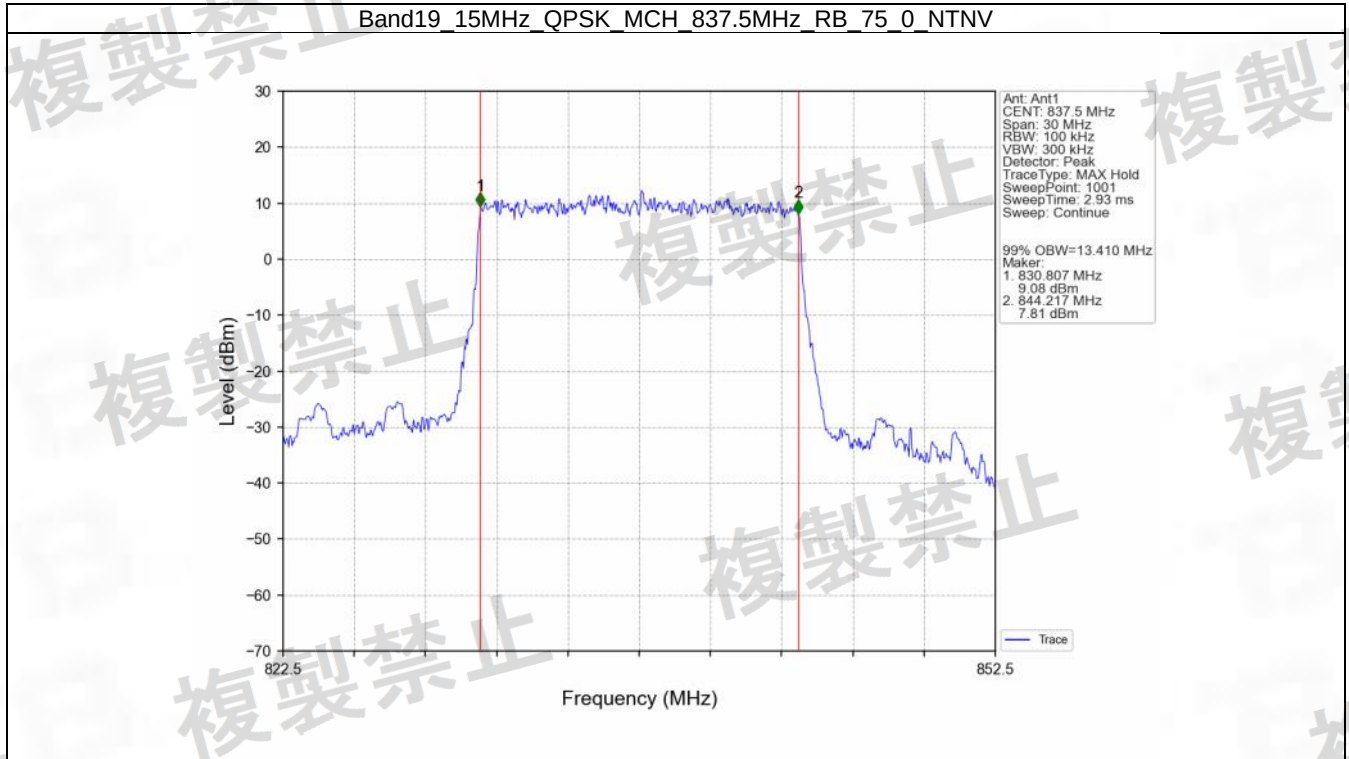
2.2 Test Graph

2.2.1 B19_OBW









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	22.39	22.26	22.21	dBm	/	/
10	RF output Power	22.34	22.32	22.18	dBm	/	/
15	RF output Power	/	22.37	/	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	-13.10	-15.67	-16.63	%	-79 to 87	Pass
10	Power Tolerance	-14.10	-14.49	-17.21	%	-79 to 87	Pass
15	Power Tolerance	/	-13.50	/	%	-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	-54.01	-53.43	-54.22	dBc/3.84MHz	<=-35.2	Pass
	Fc - 5MHz	-45.69	-43.50	-44.63	dBc/3.84MHz	<=-32.2	Pass
	Fc + 5MHz	-44.29	-44.61	-47.12	dBc/3.84MHz	<=-32.2	Pass
	Fc + 10MHz	-54.21	-55.88	-58.46	dBc/3.84MHz	<=-35.2	Pass
	Fc - 5MHz	-44.44	-41.74	-43.04	dBc/4.5MHz	<=-29.2	Pass
	Fc + 5MHz	-42.33	-42.13	-46.10	dBc/4.5MHz	<=-29.2	Pass
16QAM	Fc - 10MHz	-53.45	-53.49	-53.87	dBc/3.84MHz	<=-35.2	Pass
	Fc - 5MHz	-44.10	-43.00	-43.24	dBc/3.84MHz	<=-32.2	Pass
	Fc + 5MHz	-43.40	-44.14	-45.59	dBc/3.84MHz	<=-32.2	Pass
	Fc + 10MHz	-53.98	-55.67	-57.77	dBc/3.84MHz	<=-35.2	Pass
	Fc - 5MHz	-43.20	-42.11	-42.43	dBc/4.5MHz	<=-29.2	Pass
	Fc + 5MHz	-42.49	-43.08	-44.66	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	-50.96	-50.32	-49.52	dBc/3.84MHz	<=-35.2	Pass
	Fc - 7.5MHz	-45.20	-44.21	-43.54	dBc/3.84MHz	<=-32.2	Pass

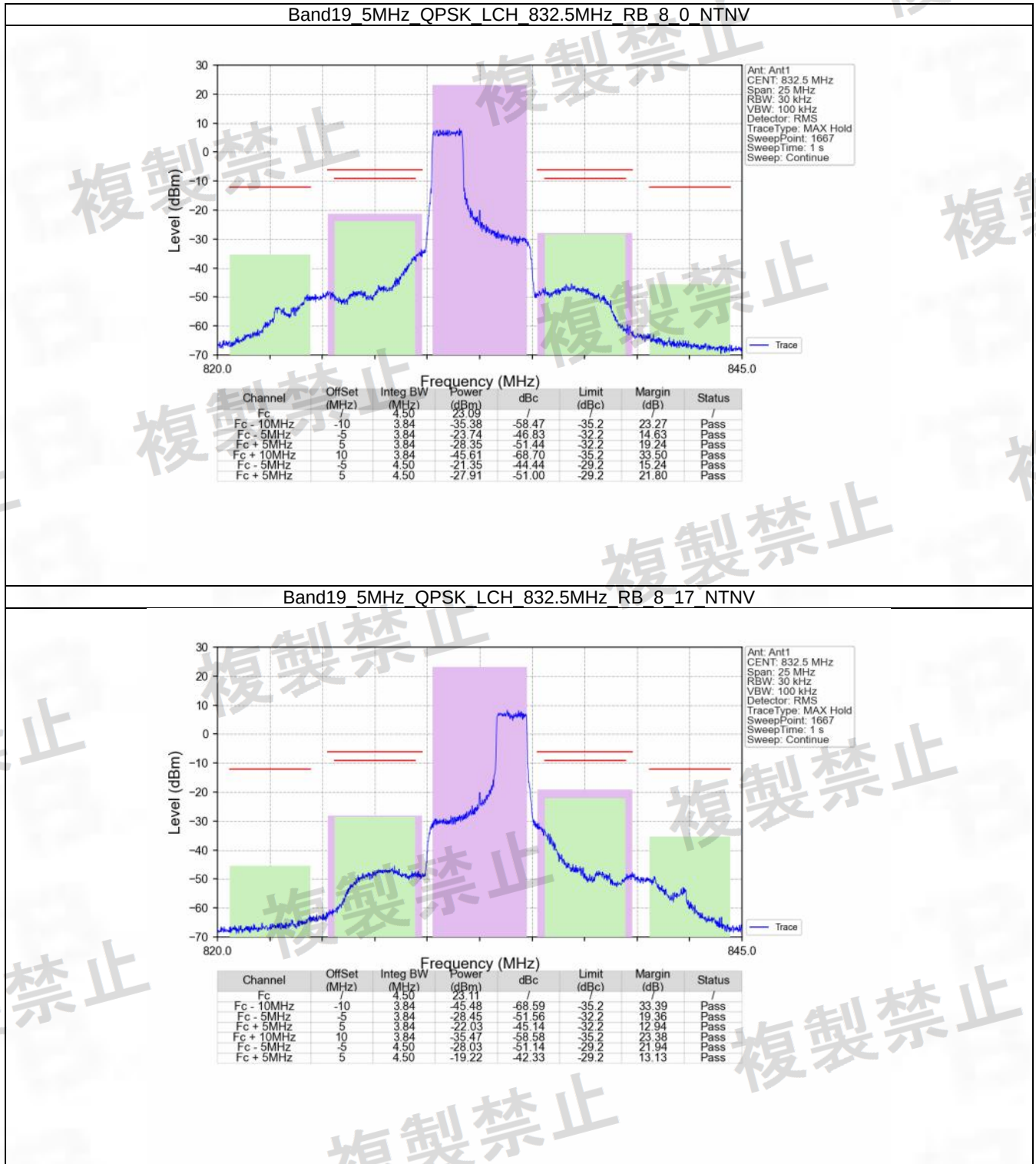
16QAM	Fc + 7.5MHz	-43.89	-46.42	-47.94	dBc/3.84MHz	<=-32.2	Pass
	Fc + 12.5MHz	-52.94	-54.59	-55.35	dBc/3.84MHz	<=-35.2	Pass
	Fc - 10MHz	-43.49	-42.53	-41.75	dBc/9MHz	<=-29.2	Pass
	Fc + 10MHz	-43.21	-45.70	-46.50	dBc/9MHz	<=-29.2	Pass
	Fc - 12.5MHz	-50.42	-49.78	-49.17	dBc/3.84MHz	<=-35.2	Pass
	Fc - 7.5MHz	-44.24	-43.32	-42.77	dBc/3.84MHz	<=-32.2	Pass
	Fc + 7.5MHz	-44.24	-45.92	-46.94	dBc/3.84MHz	<=-32.2	Pass
16QAM	Fc + 12.5MHz	-52.52	-53.07	-54.40	dBc/3.84MHz	<=-35.2	Pass
	Fc - 10MHz	-42.66	-41.76	-41.15	dBc/9MHz	<=-29.2	Pass
	Fc + 10MHz	-43.06	-44.57	-45.50	dBc/9MHz	<=-29.2	Pass
	Fc + 10MHz	-43.06	-44.57	-45.50	dBc/9MHz	<=-29.2	Pass

4.1.3 B19_15MHz

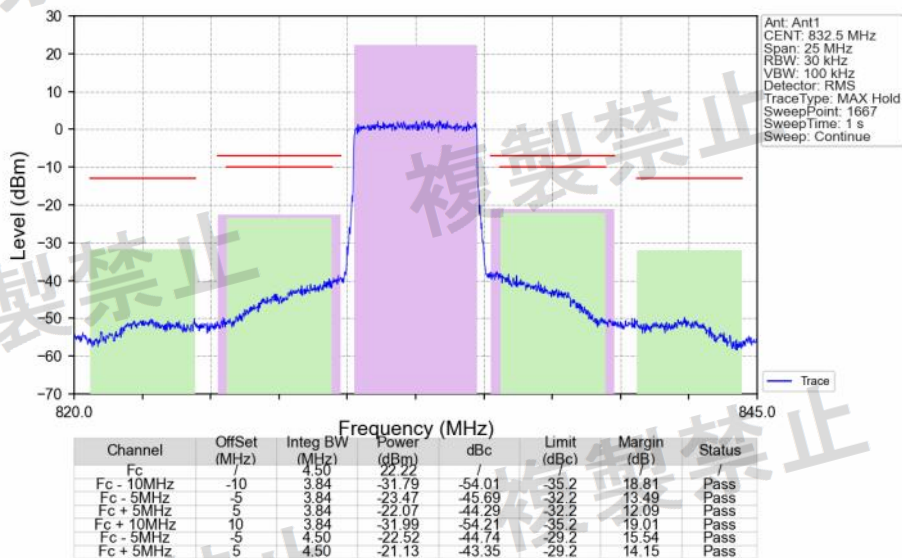
Band: 19 / Bandwidth: 15MHz							
Modulation	Channel Number	24075			Unit	Limit	Result
	Frequency Center (MHz)	837.5					
QPSK	Fc - 15MHz	/	-46.24	/	dBc/3.84MHz	<=-35.2	Pass
	Fc - 10MHz	/	-44.32	/	dBc/3.84MHz	<=-32.2	Pass
	Fc + 10MHz	/	-47.83	/	dBc/3.84MHz	<=-32.2	Pass
	Fc + 15MHz	/	-54.18	/	dBc/3.84MHz	<=-35.2	Pass
	Fc - 15MHz	/	-41.29	/	dBc/13.5MHz	<=-29.2	Pass
	Fc + 15MHz	/	-46.50	/	dBc/13.5MHz	<=-29.2	Pass
16QAM	Fc - 15MHz	/	-46.04	/	dBc/3.84MHz	<=-35.2	Pass
	Fc - 10MHz	/	-43.72	/	dBc/3.84MHz	<=-32.2	Pass
	Fc + 10MHz	/	-47.38	/	dBc/3.84MHz	<=-32.2	Pass
	Fc + 15MHz	/	-53.16	/	dBc/3.84MHz	<=-35.2	Pass
	Fc - 15MHz	/	-40.81	/	dBc/13.5MHz	<=-29.2	Pass
	Fc + 15MHz	/	-45.90	/	dBc/13.5MHz	<=-29.2	Pass

4.2 Test Graph

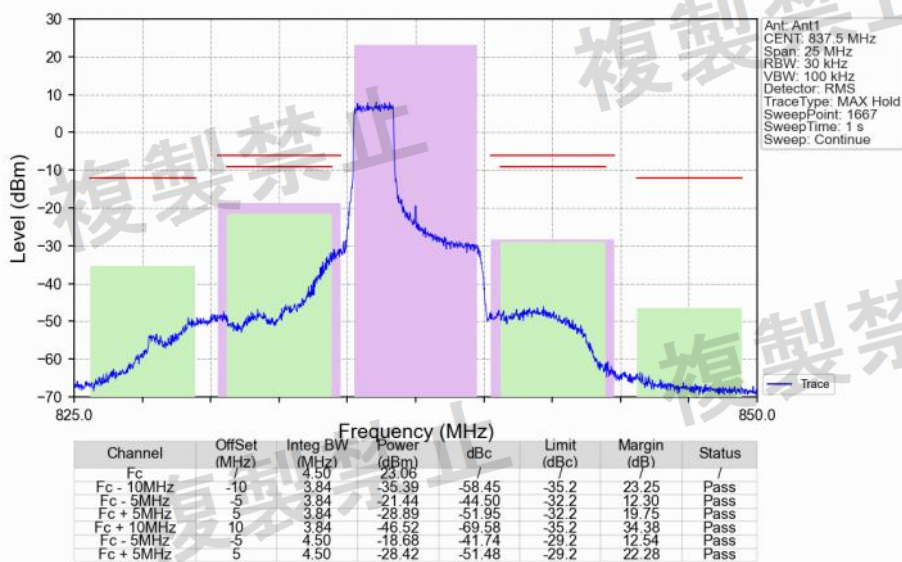
4.2.1 B19_5MHz



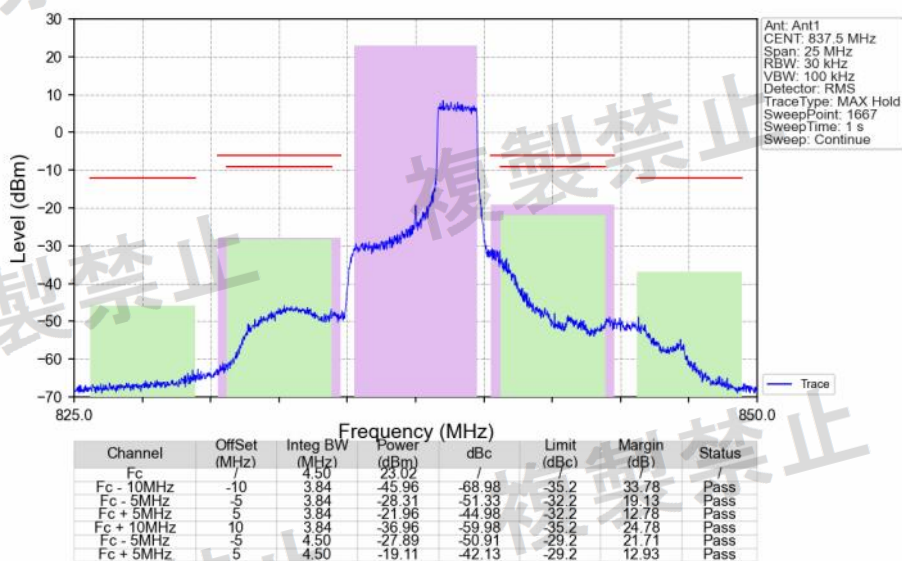
Band19_5MHz_QPSK_LCH_832.5MHz_RB_25_0_NTNV



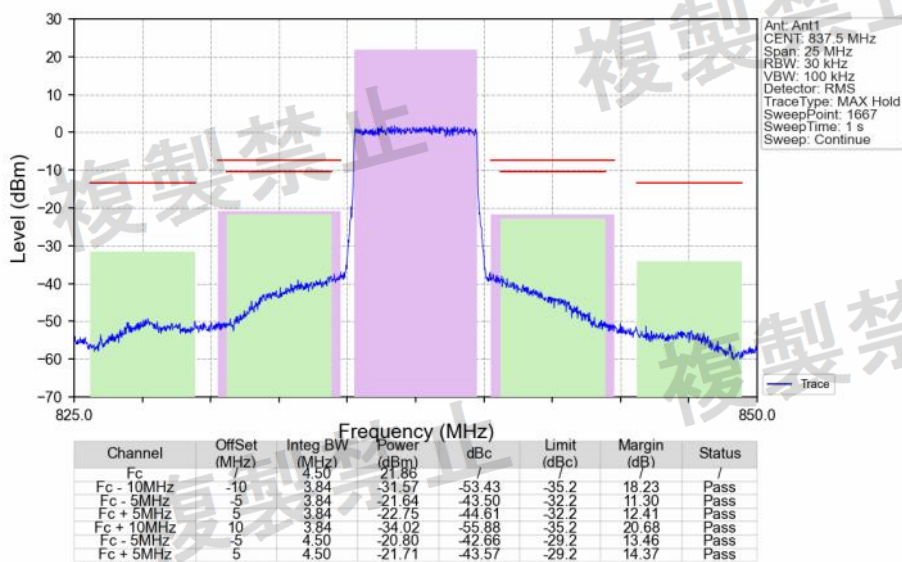
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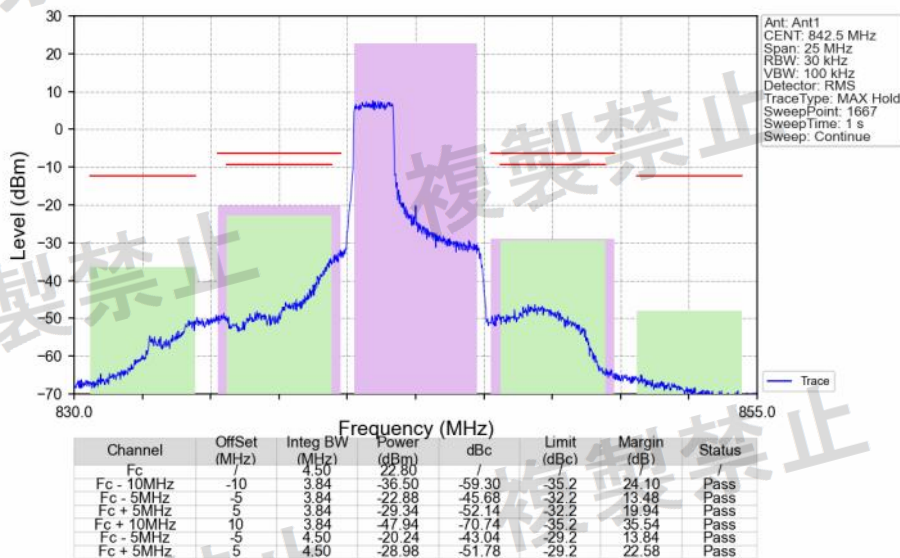
Band19 5MHz QPSK MCH 837.5MHz RB 8 17 NTN



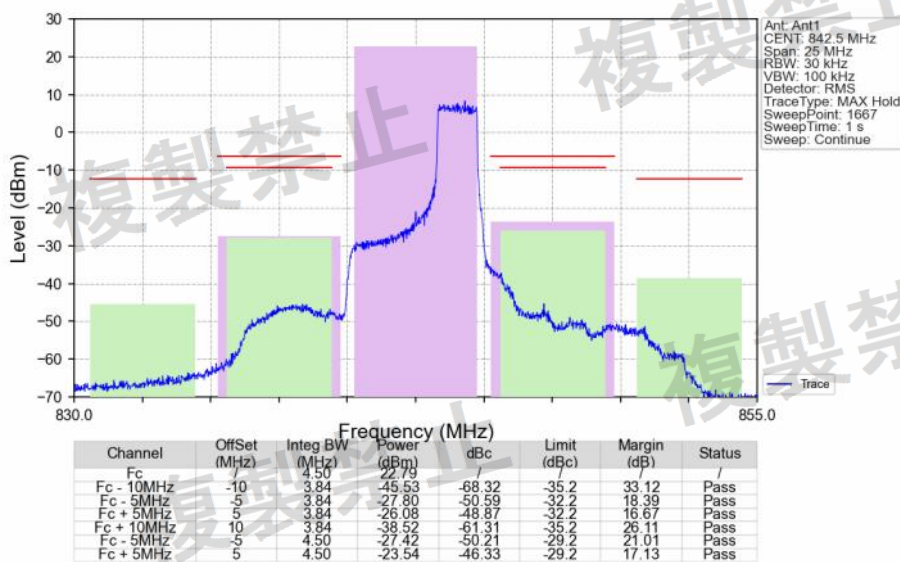
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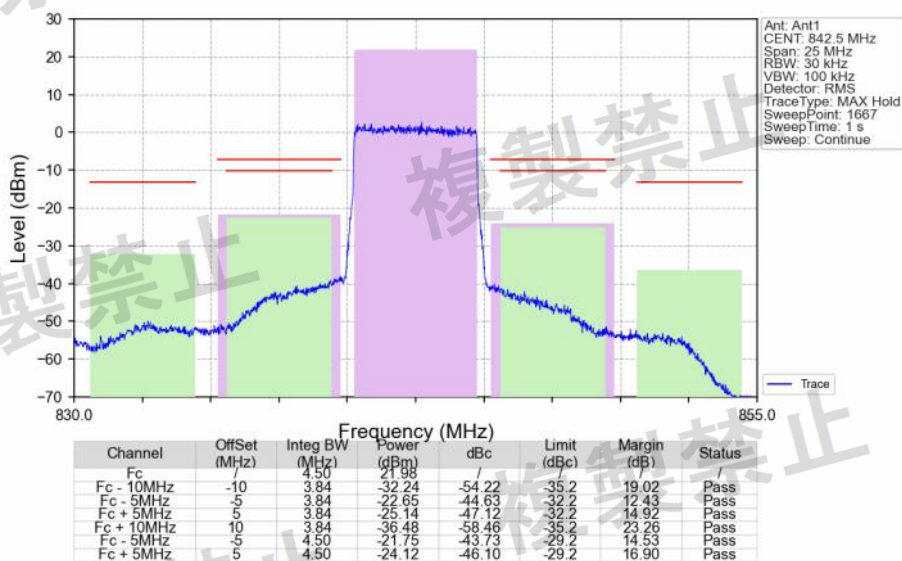
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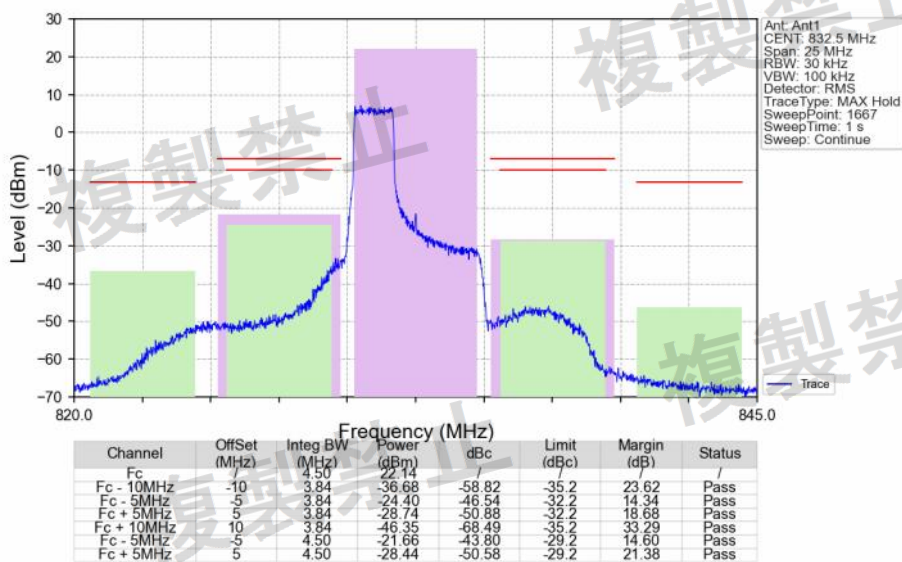
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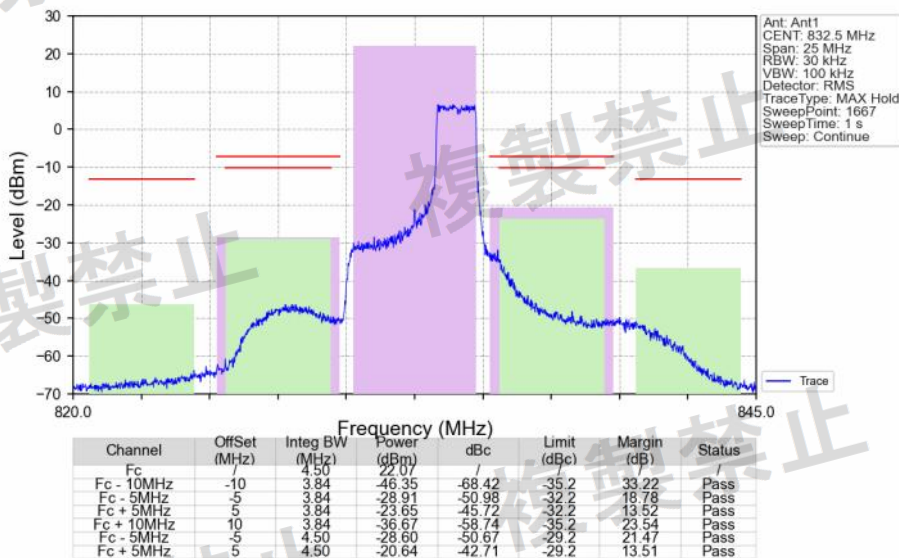
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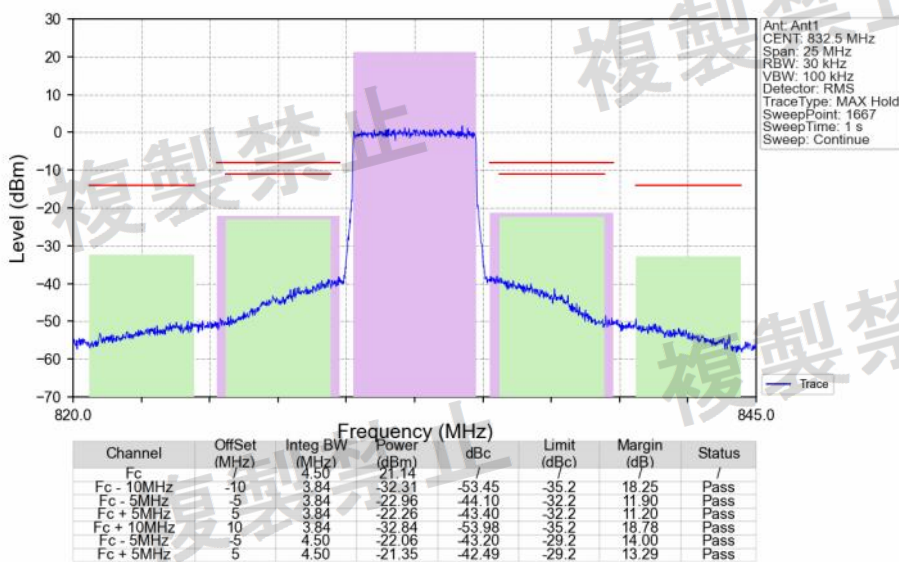
Band19 5MHz 16QAM LCH 832.5MHz RB 8 0 NTN



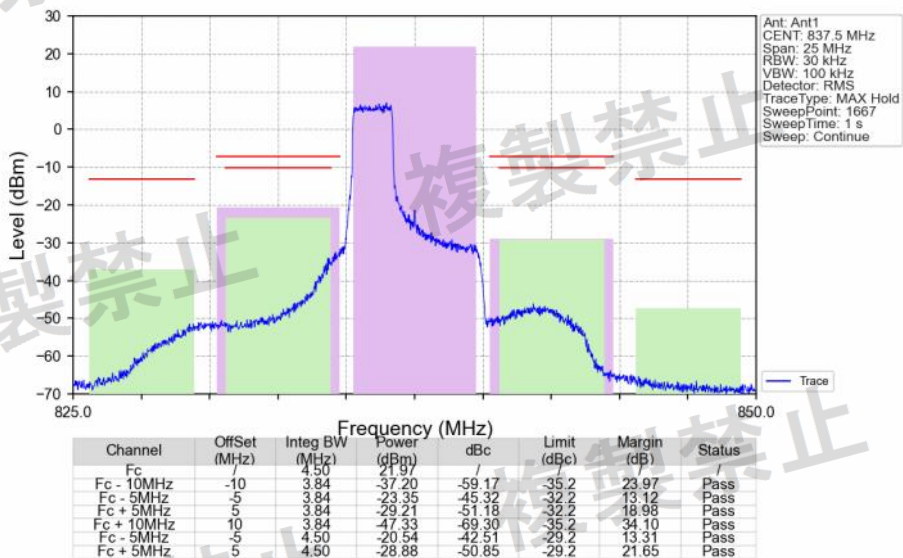
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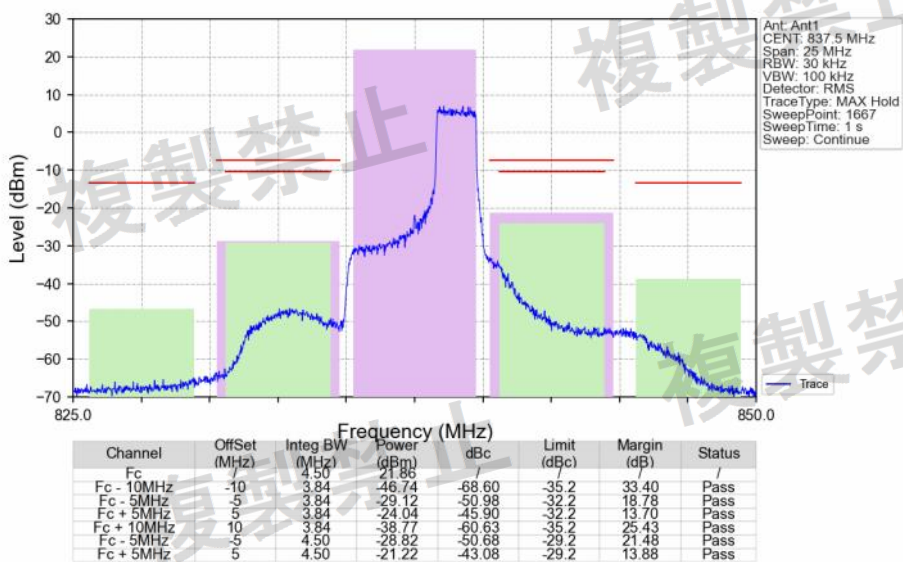
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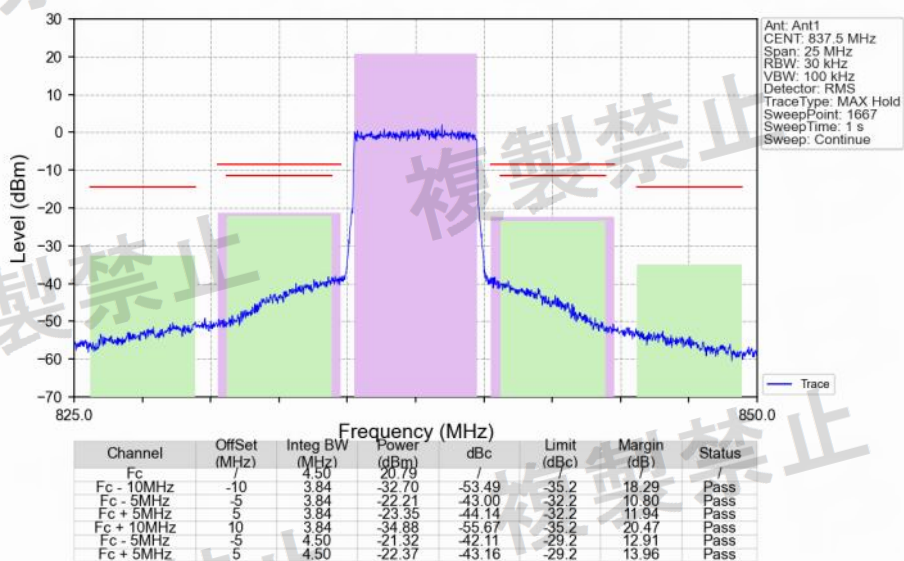
Band19 5MHz 16QAM MCH 837.5MHz RB 8 0 NTNV



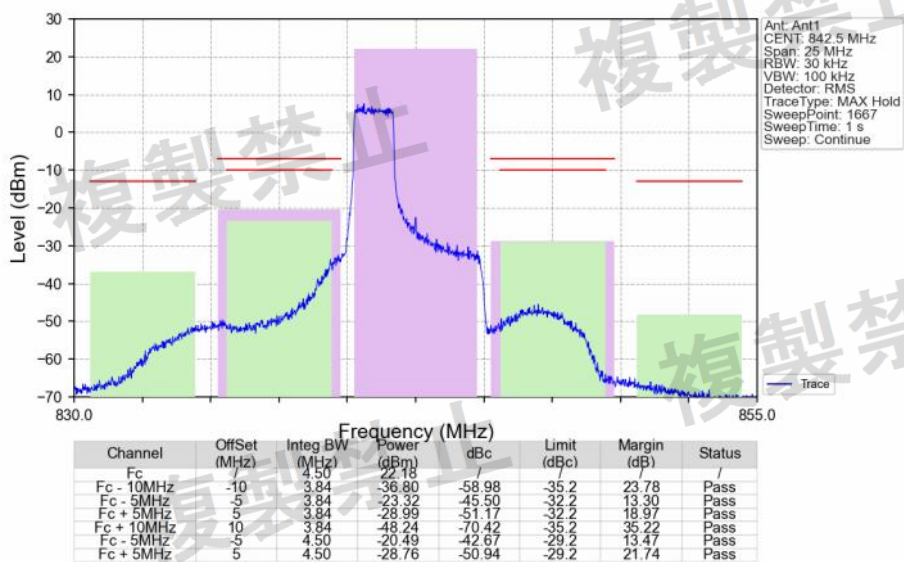
Band19 5MHz 16QAM MCH 837.5MHz RB 8 17 NTNV



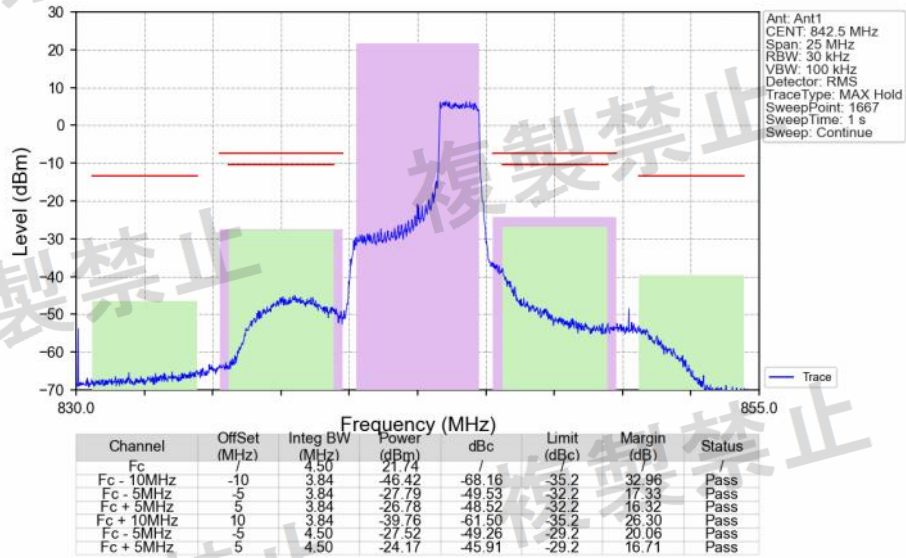
Band19_5MHz_16QAM_MCH_837.5MHz_RB_25_0_NTNV



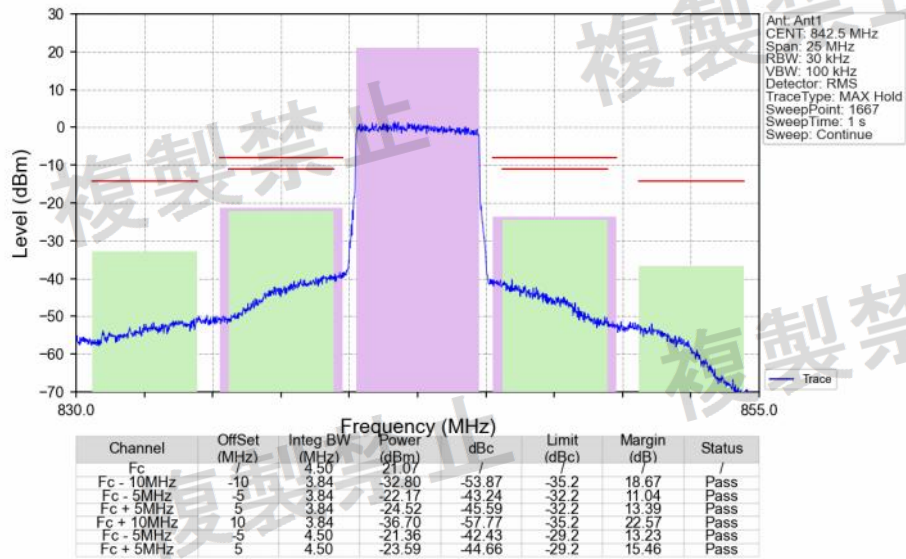
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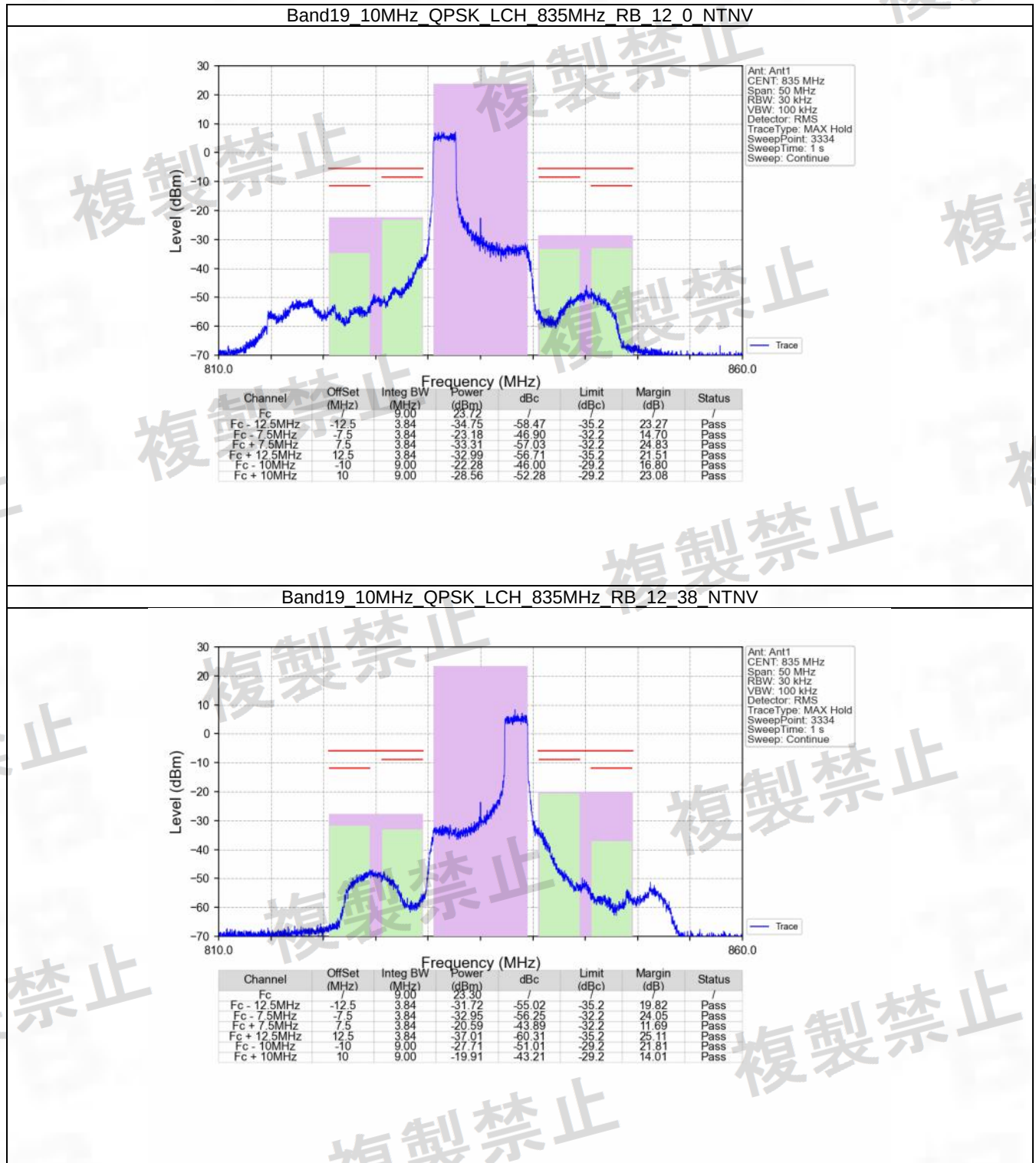
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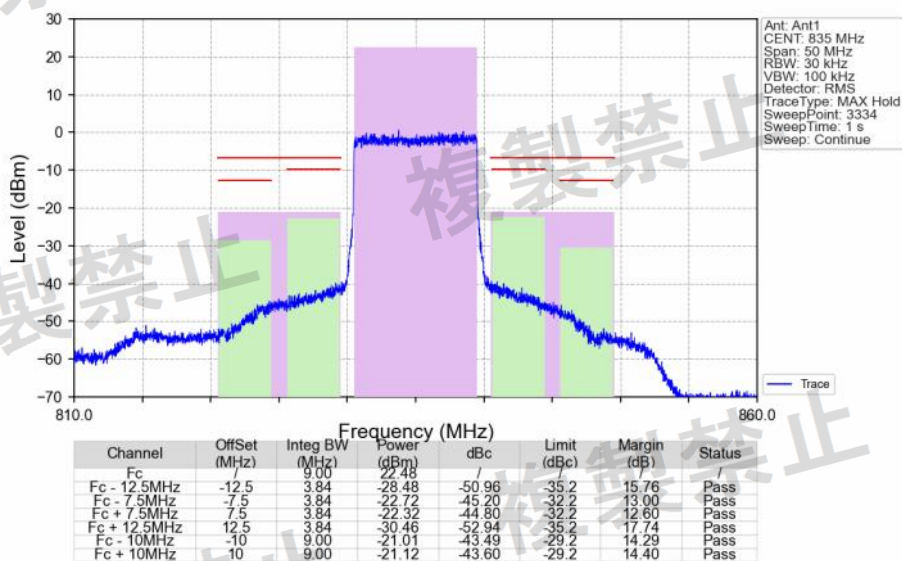
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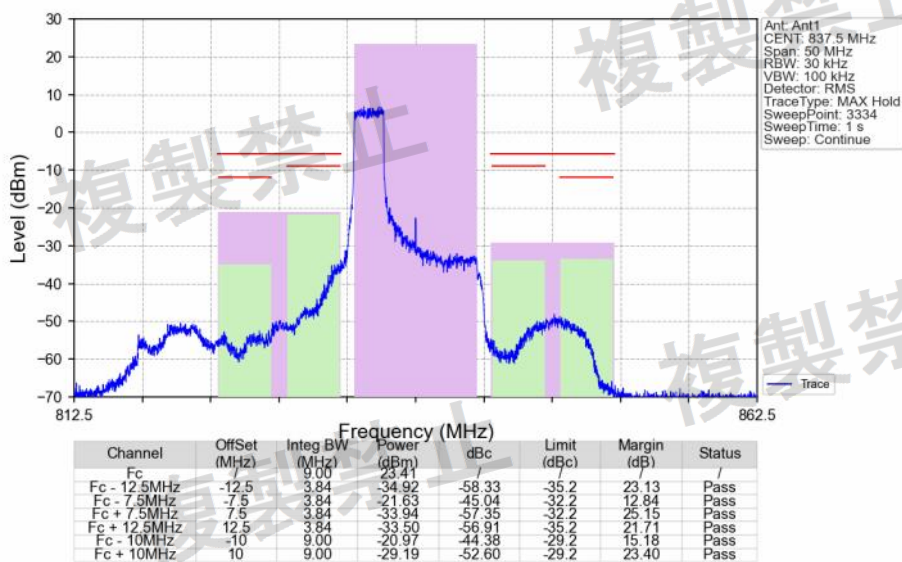
4.2.2 B19_10MHz



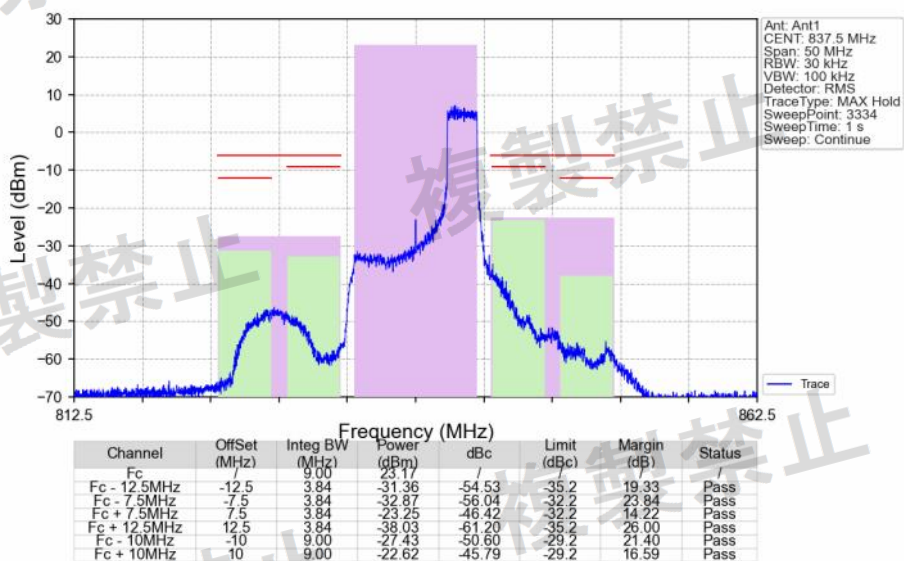
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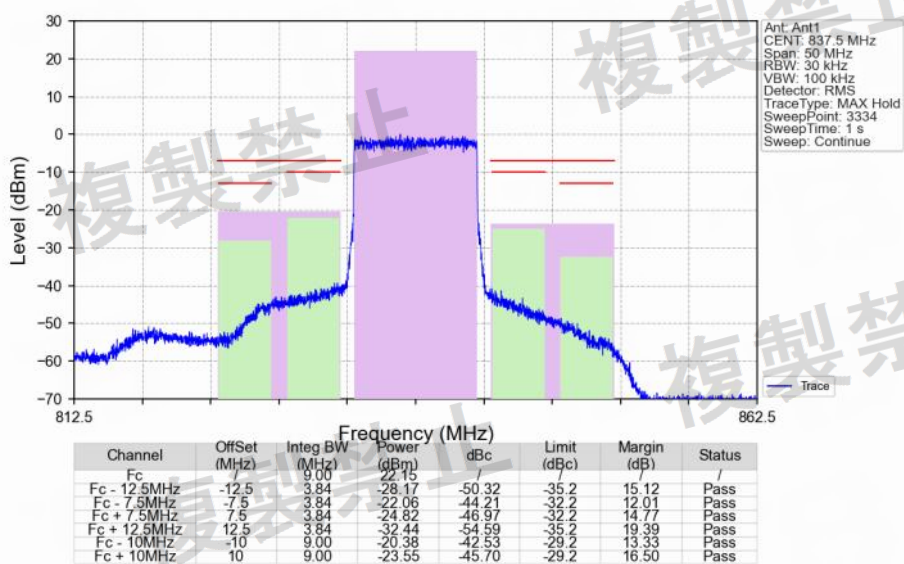
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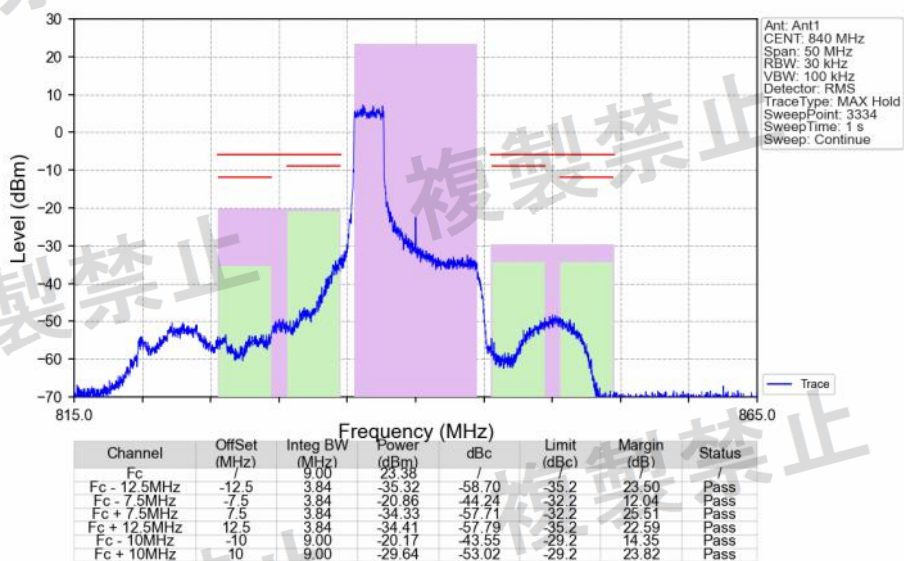
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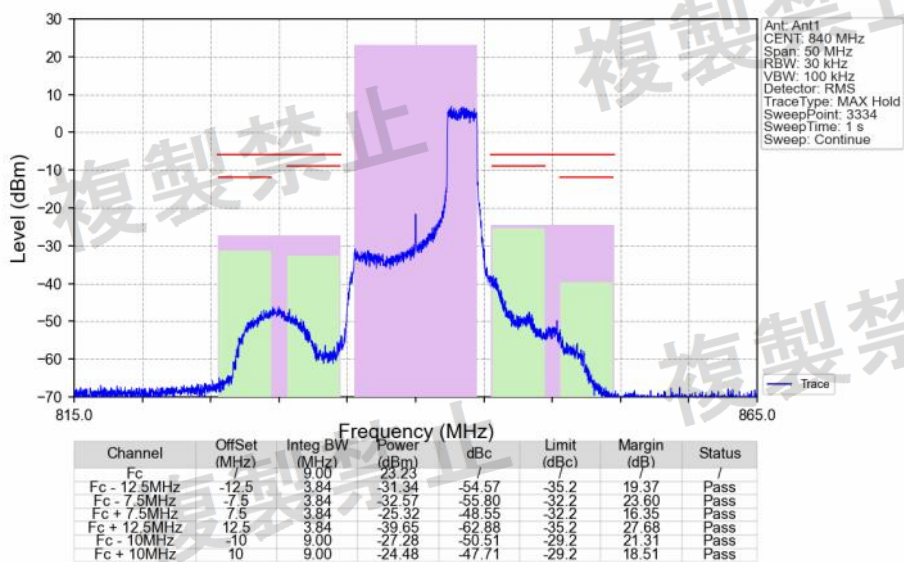
Band19_10MHz_QPSK_MCH_837.5MHz_RB_50_0_NTNV



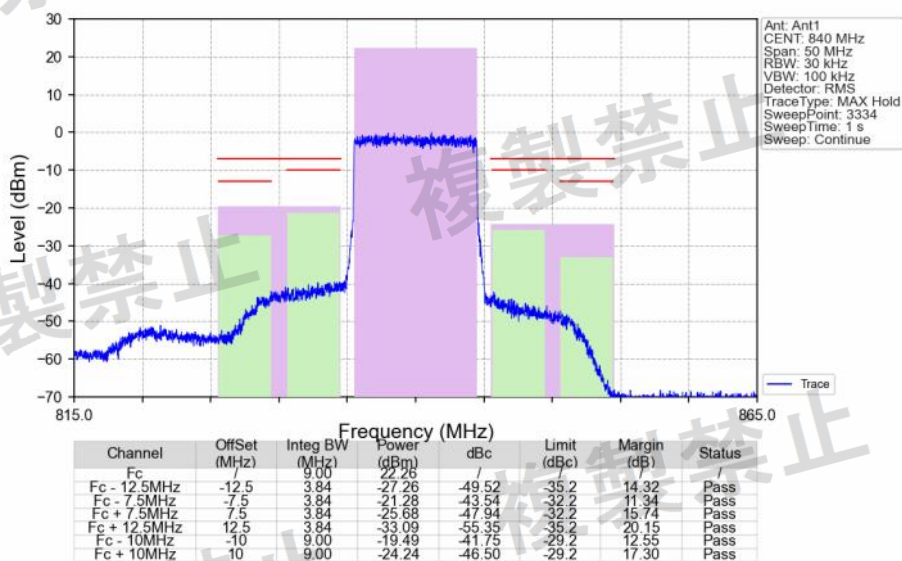
Band19_10MHz_QPSK_HCH_840MHz_RB_12_0_NTNV



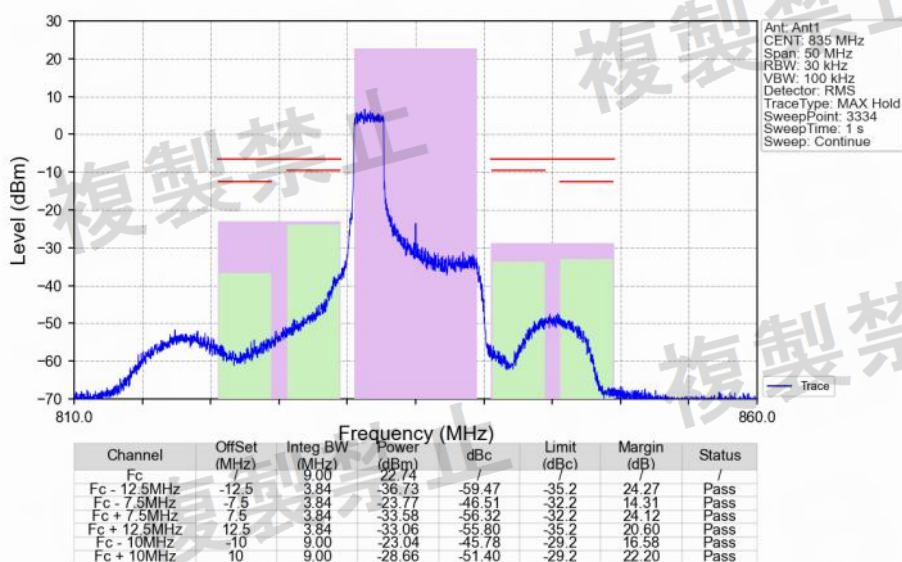
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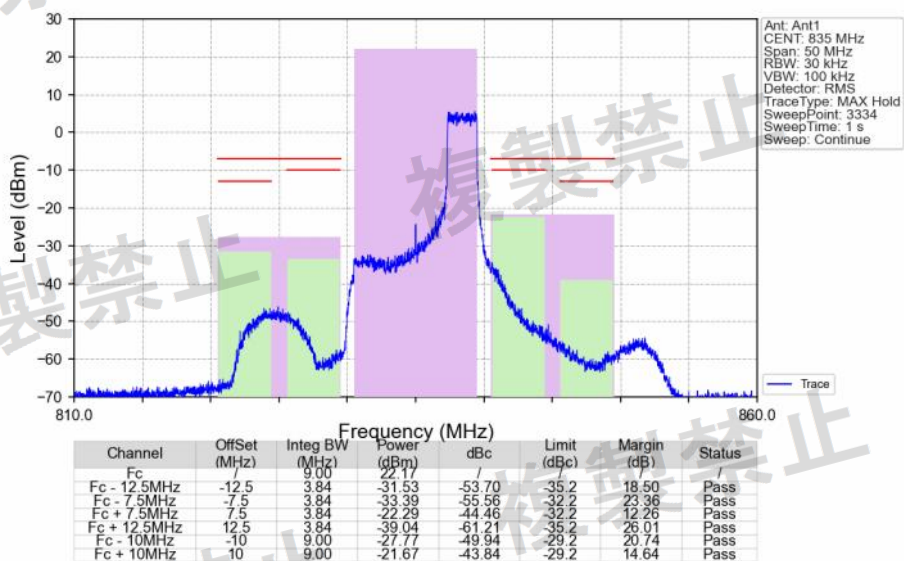
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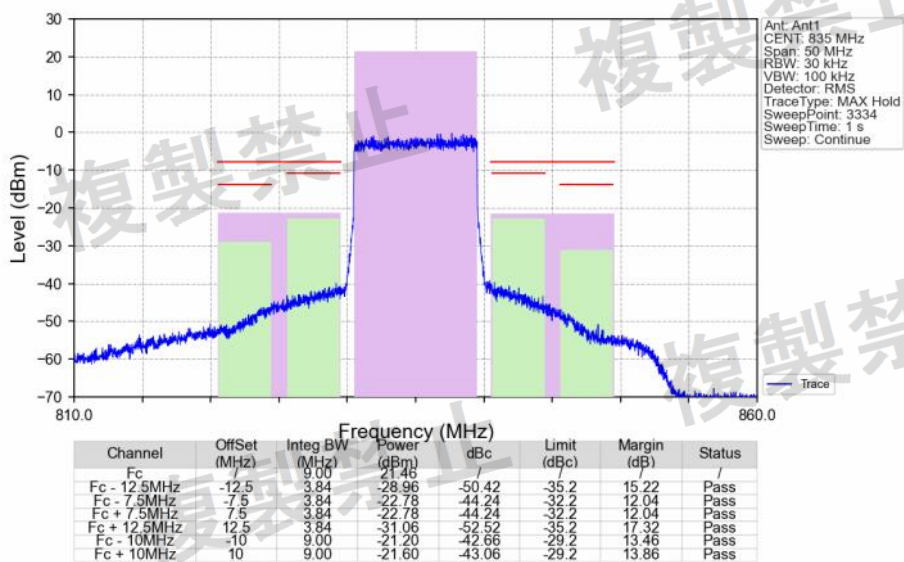
Band19_10MHz_16QAM_LCH_835MHz_RB_12_0_NTNV



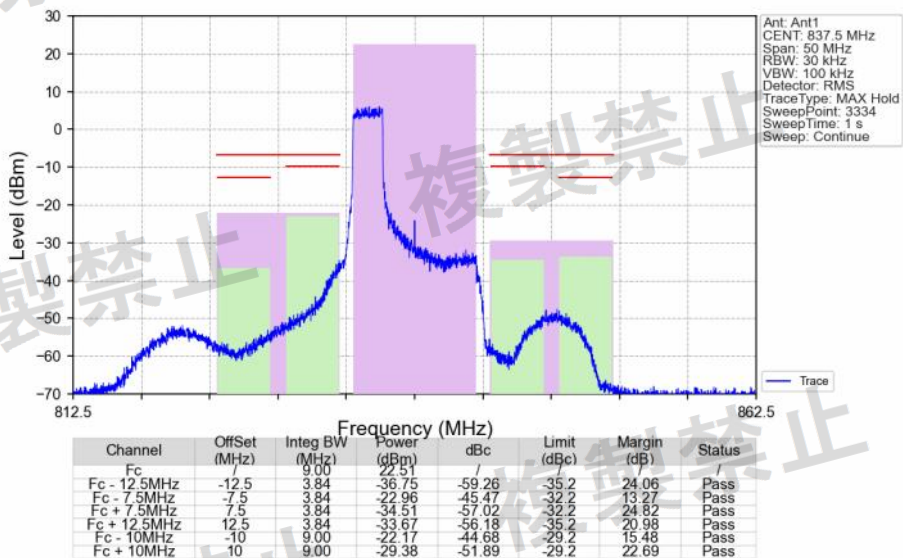
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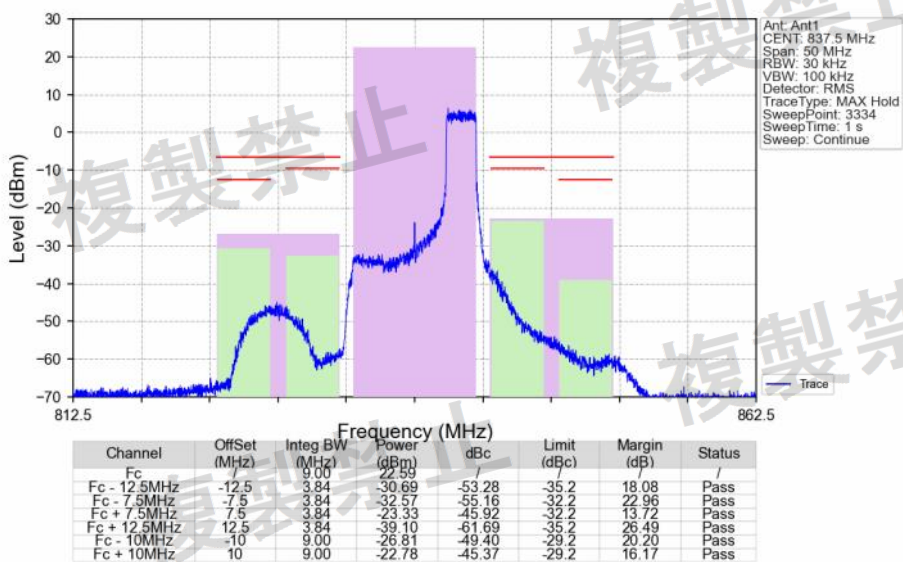
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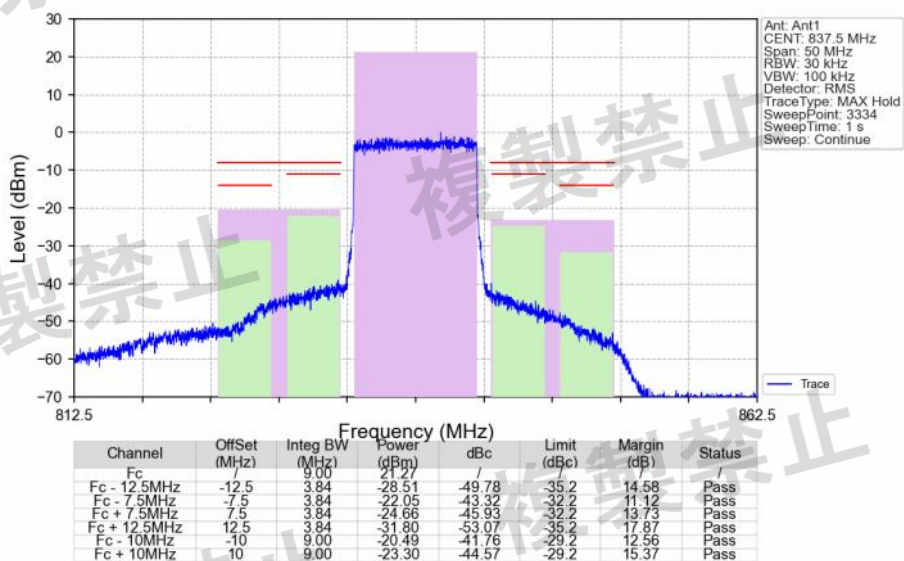
Band19_10MHz_16QAM_MCH_837.5MHz_RB_12_0_NTNV



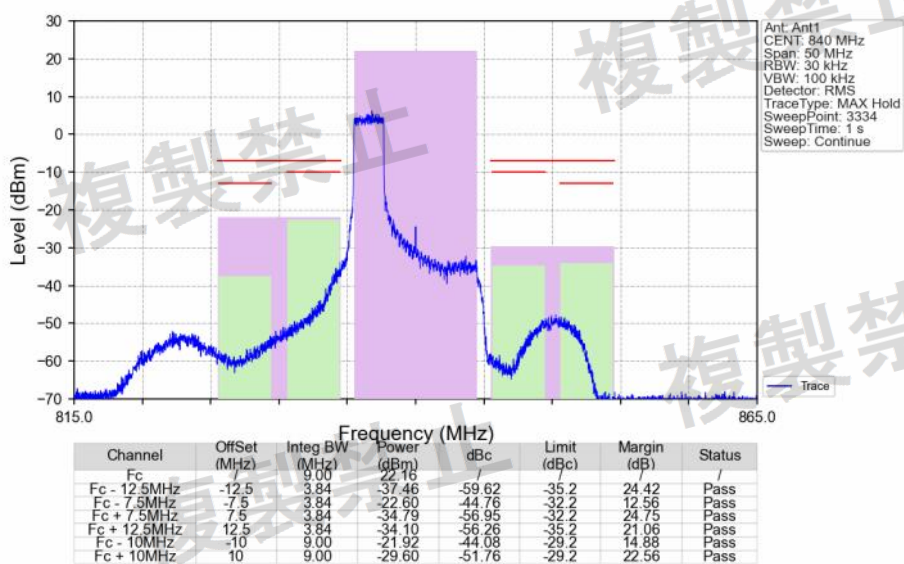
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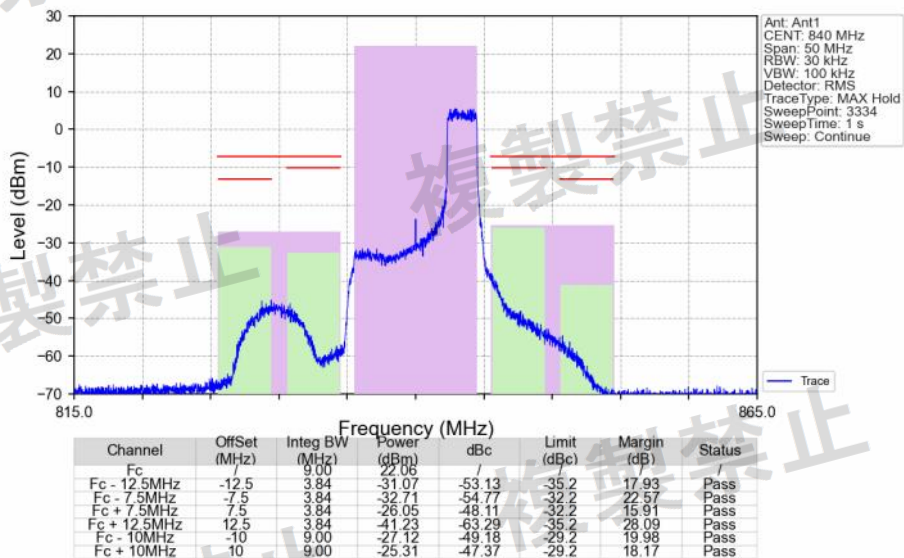
Band19_10MHz_16QAM_MCH_837.5MHz_RB_50_0_NTNV



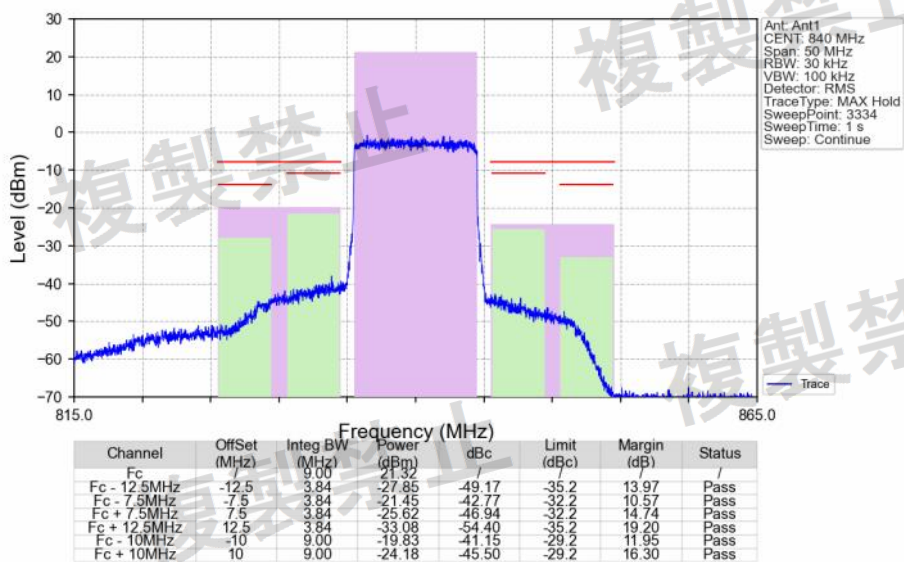
Band19_10MHz_16QAM_HCH_840MHz_RB_12_0_NTNV



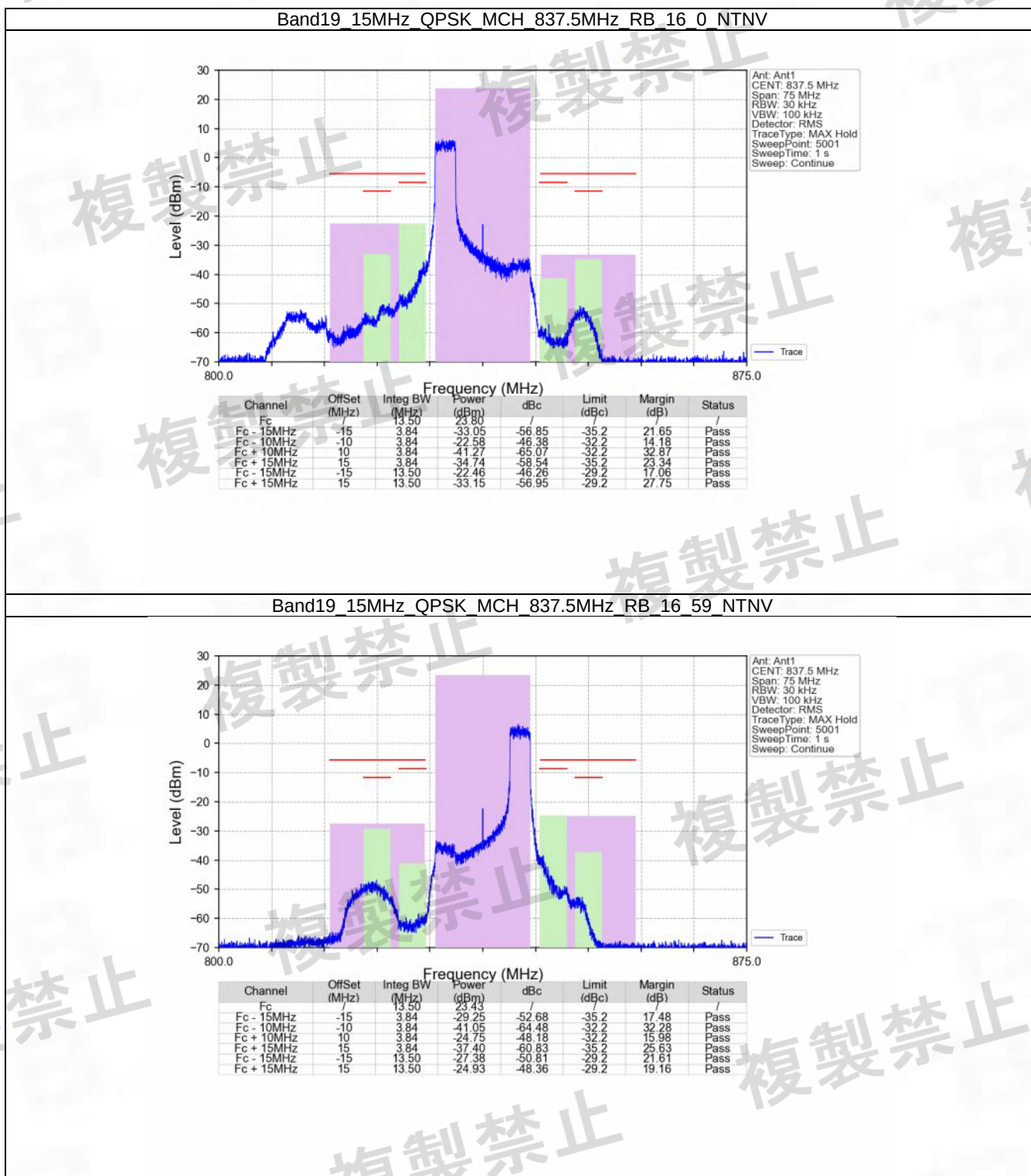
Band19_10MHz_16QAM_HCH_840MHz_RB_12_38_NTNV



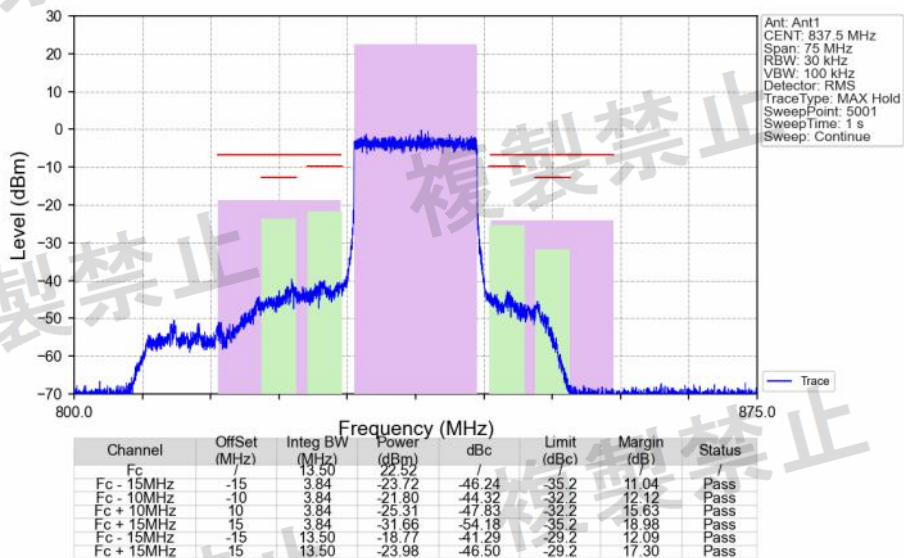
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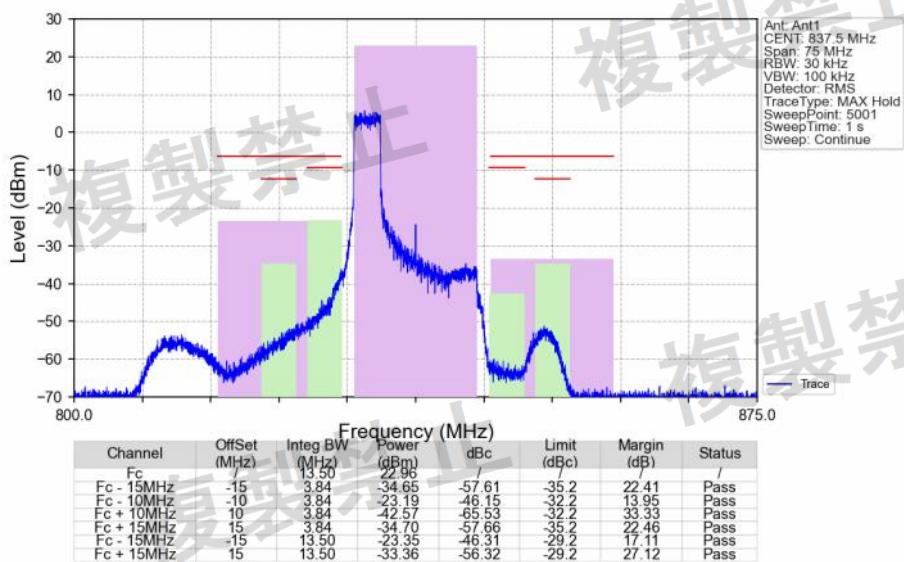
4.2.3 B19_15MHz



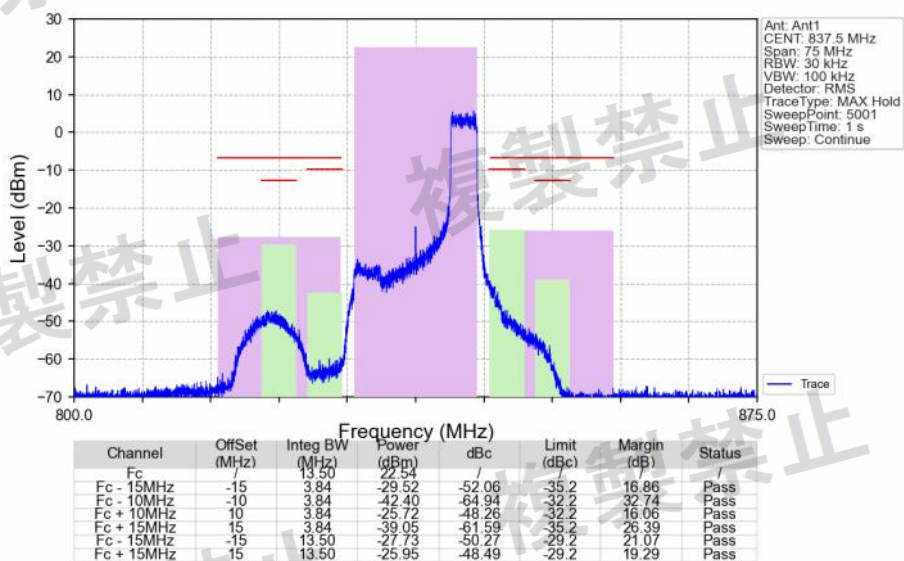
Band19_15MHz_QPSK_MCH_837.5MHz_RB_75_0_NTNV



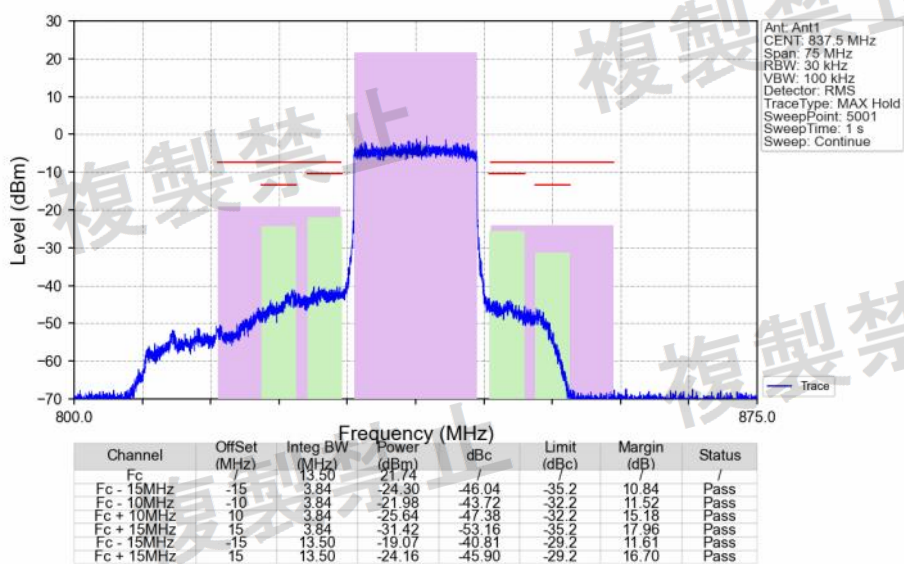
Band19_15MHz_16QAM_MCH_837.5MHz_RB_16_0_NTNV



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 ≤ Δf < -8.5M	822.912	-36.47	827.812	-36.13	833.424	-33.90	dBm/MHz	≤ -23.5	Pass
	-8.5M ≤ Δf < -7.5M	824.992	-34.61	829.929	-34.53	834.986	-35.40	dBm/MHz	≤ -11.5	Pass
	-7.5M ≤ Δf < -3.5M	828.976	-24.92	834.000	-21.64	839.000	-23.17	dBm/MHz	≤ -8.5	Pass
	-3.5M ≤ Δf < -2.5M	829.998	-26.69	835.000	-25.21	840.000	-26.22	dBm/30kHz	≤ -13.5	Pass
	+2.5M ≤ Δf < +3.5M	835.007	-27.03	840.000	-27.25	845.003	-27.84	dBm/30kHz	≤ -13.5	Pass
	+3.5M ≤ Δf < +7.5M	836.012	-22.26	841.024	-21.73	846.020	-27.33	dBm/MHz	≤ -8.5	Pass
	+7.5M ≤ Δf < +8.5M	840.028	-34.48	845.010	-35.35	850.277	-35.04	dBm/MHz	≤ -11.5	Pass
	+8.5M ≤ Δf < +12.5M	842.240	-36.36	846.000	-37.85	851.016	-39.18	dBm/MHz	≤ -23.5	Pass
16QAM	-12.5M ≤ Δf < -8.5M	823.988	-34.35	828.996	-36.76	833.972	-36.78	dBm/MHz	≤ -23.5	Pass
	-8.5M ≤ Δf < -7.5M	824.831	-33.59	829.975	-35.59	834.461	-33.83	dBm/MHz	≤ -11.5	Pass
	-7.5M ≤ Δf < -3.5M	828.936	-25.46	833.988	-23.14	838.980	-24.32	dBm/MHz	≤ -8.5	Pass
	-3.5M ≤ Δf < -2.5M	829.999	-27.69	834.999	-27.35	839.998	-27.81	dBm/30kHz	≤ -13.5	Pass
	+2.5M ≤ Δf < +3.5M	835.001	-27.30	840.004	-28.06	845.001	-28.98	dBm/30kHz	≤ -13.5	Pass
	+3.5M ≤ Δf < +7.5M	836.000	-23.41	841.020	-23.62	846.000	-26.95	dBm/MHz	≤ -8.5	Pass
	+7.5M ≤ Δf < +8.5M	840.003	-35.50	845.018	-34.51	850.027	-37.29	dBm/MHz	≤ -11.5	Pass
	+8.5M ≤ Δf < +12.5M	841.016	-36.57	846.004	-38.32	851.036	-38.56	dBm/MHz	≤ -23.5	Pass

5.1.2 B19_10MHz

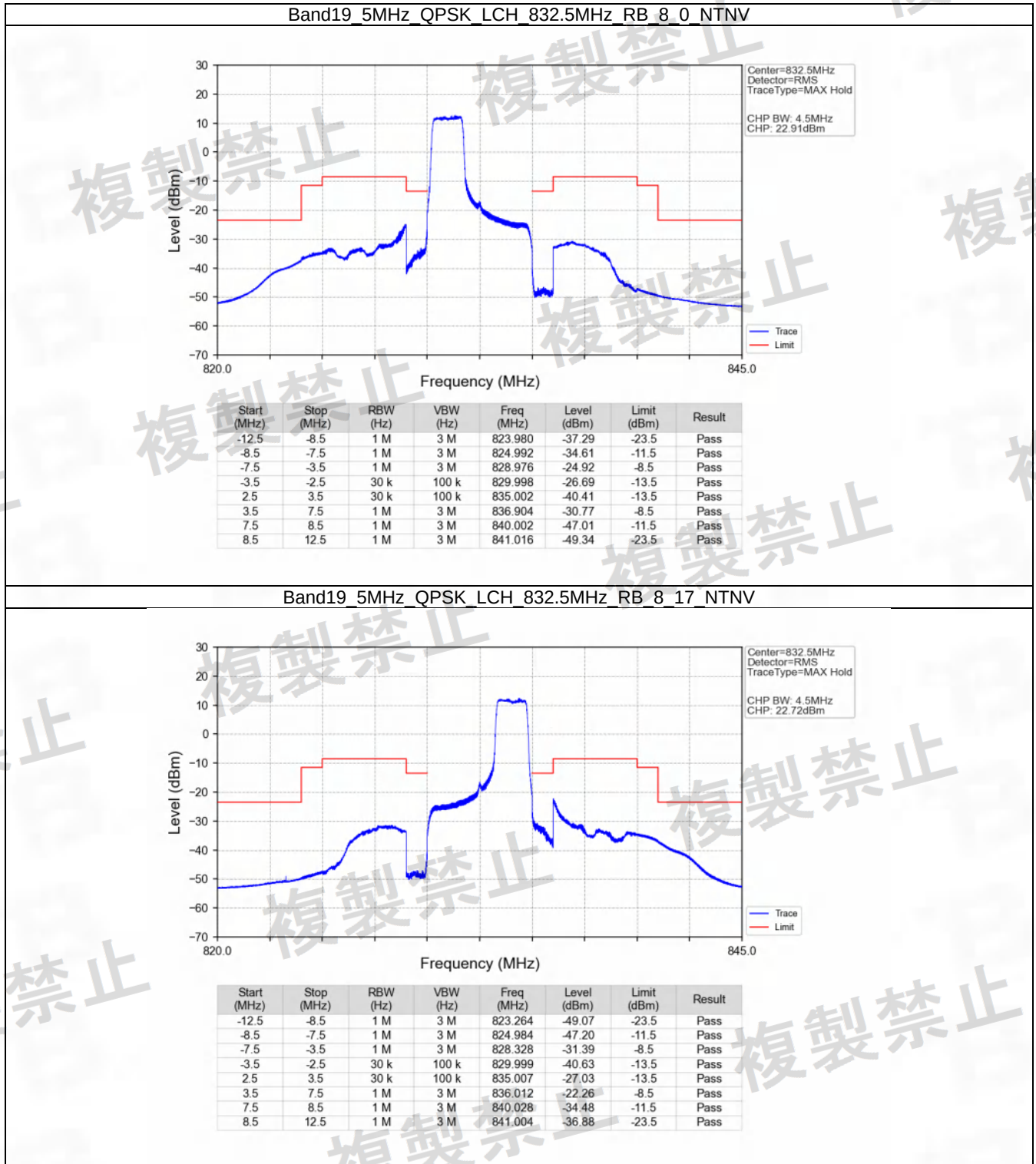
Band: 19 / Bandwidth: 10MHz										
Modulation	Channel Number	24050		24075		24100		Unit	Limit	Result
	Frequency Center (MHz)	835		837.5		840				
	Measured Value	Freq. (MHz)	Level	Freq. (MHz)	Level	Freq. (MHz)	Level			
QPSK	-20M ≤ Δf < -15M	818.225	-38.04	820.445	-37.58	822.830	-37.70	dBm/MHz	<=-23.5	Pass
	-15M ≤ Δf < -10M	824.995	-31.46	827.480	-30.34	829.985	-28.93	dBm/MHz	<=-11.5	Pass
	-10M ≤ Δf < -6M	828.996	-23.83	831.500	-22.74	833.988	-21.58	dBm/MHz	<=-8.5	Pass
	-6M ≤ Δf < -5M	830.000	-32.07	832.478	-31.73	835.000	-30.61	dBm/30kHz	<=-16.5	Pass
	+5M ≤ Δf < +6M	840.028	-29.62	842.501	-31.47	845.002	-32.42	dBm/30kHz	<=-16.5	Pass
	+6M ≤ Δf < +10M	841.024	-20.68	843.500	-23.74	846.008	-25.92	dBm/MHz	<=-8.5	Pass
	+10M ≤ Δf < +15M	845.010	-31.98	847.500	-34.42	850.015	-34.18	dBm/MHz	<=-11.5	Pass
	+15M ≤ Δf < +20M	851.345	-39.91	852.500	-43.94	855.060	-55.41	dBm/MHz	<=-23.5	Pass
16QAM	-20M ≤ Δf < -15M	819.980	-38.52	822.455	-38.46	824.965	-38.49	dBm/MHz	<=-23.5	Pass
	-15M ≤ Δf < -10M	825.000	-31.81	827.355	-30.44	829.980	-29.69	dBm/MHz	<=-11.5	Pass
	-10M ≤ Δf < -6M	828.984	-24.88	831.500	-24.33	833.992	-22.65	dBm/MHz	<=-8.5	Pass
	-6M ≤ Δf < -5M	829.993	-31.18	832.499	-32.21	834.998	-31.13	dBm/30kHz	<=-16.5	Pass
	+5M ≤ Δf < +6M	840.001	-30.88	842.509	-31.67	845.014	-33.03	dBm/30kHz	<=-16.5	Pass
	+6M ≤ Δf < +10M	841.008	-23.03	843.548	-23.64	846.004	-26.38	dBm/MHz	<=-8.5	Pass
	+10M ≤ Δf < +15M	845.000	-32.73	847.500	-34.31	850.015	-34.06	dBm/MHz	<=-11.5	Pass
	+15M ≤ Δf < +20M	850.025	-40.51	852.500	-43.62	855.030	-55.49	dBm/MHz	<=-23.5	Pass

5.1.3 B19_15MHz

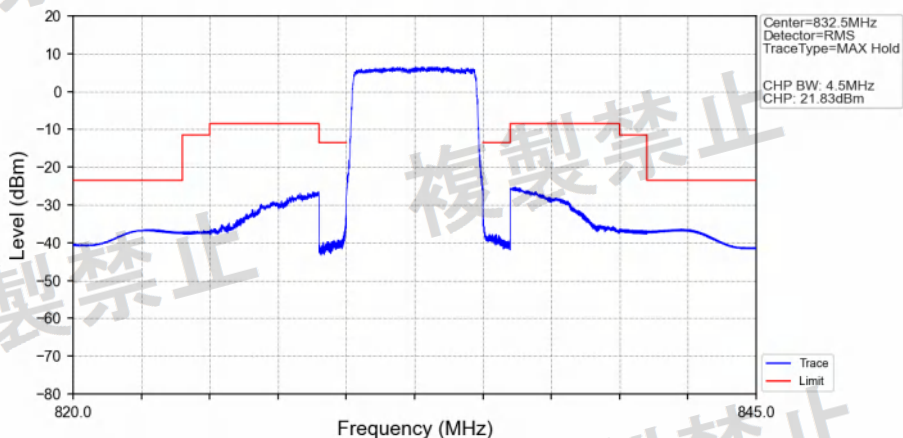
Band: 19 / Bandwidth: 15MHz										
Modulation	Channel Number	24075						Unit	Limit	Result
	Frequency Center (MHz)	837.5								
	Measured Value	Freq. (MHz)	Level	Freq. (MHz)	Level	Freq. (MHz)	Level			
QPSK	-27.5M ≤ Δf < -22.5M	/	/	811.695	-39.69	/	/	dBm/MHz	<=-23.5	Pass
	-22.5M ≤ Δf < -12.5M	/	/	824.150	-28.45	/	/	dBm/MHz	<=-11.5	Pass
	-12.5M ≤ Δf < -8.5M	/	/	829.000	-24.23	/	/	dBm/MHz	<=-8.5	Pass
	-8.5M ≤ Δf < -7.5M	/	/	829.999	-32.80	/	/	dBm/30kHz	<=-18.5	Pass
	+7.5M ≤ Δf < +8.5M	/	/	845.019	-34.47	/	/	dBm/30kHz	<=-18.5	Pass
	+8.5M ≤ Δf < +12.5M	/	/	846.088	-26.20	/	/	dBm/MHz	<=-8.5	Pass
	+12.5M ≤ Δf < +22.5M	/	/	850.000	-33.36	/	/	dBm/MHz	<=-11.5	Pass
16QAM	+22.5M ≤ Δf < +27.5M	/	/	863.345	-55.63	/	/	dBm/MHz	<=-23.5	Pass
	-27.5M ≤ Δf < -22.5M	/	/	813.750	-39.87	/	/	dBm/MHz	<=-23.5	Pass
	-22.5M ≤ Δf < -12.5M	/	/	824.030	-29.34	/	/	dBm/MHz	<=-11.5	Pass
	-12.5M ≤ Δf < -8.5M	/	/	828.976	-25.22	/	/	dBm/MHz	<=-8.5	Pass
	-8.5M ≤ Δf < -7.5M	/	/	829.991	-33.76	/	/	dBm/30kHz	<=-18.5	Pass
	+7.5M ≤ Δf < +8.5M	/	/	845.018	-34.60	/	/	dBm/30kHz	<=-18.5	Pass
	+8.5M ≤ Δf < +12.5M	/	/	846.008	-26.87	/	/	dBm/MHz	<=-8.5	Pass
	+12.5M ≤ Δf < +22.5M	/	/	850.060	-33.60	/	/	dBm/MHz	<=-11.5	Pass
	+22.5M ≤ Δf < +27.5M	/	/	861.070	-55.71	/	/	dBm/MHz	<=-23.5	Pass

5.2 Test Graph

5.2.1 B19_5MHz

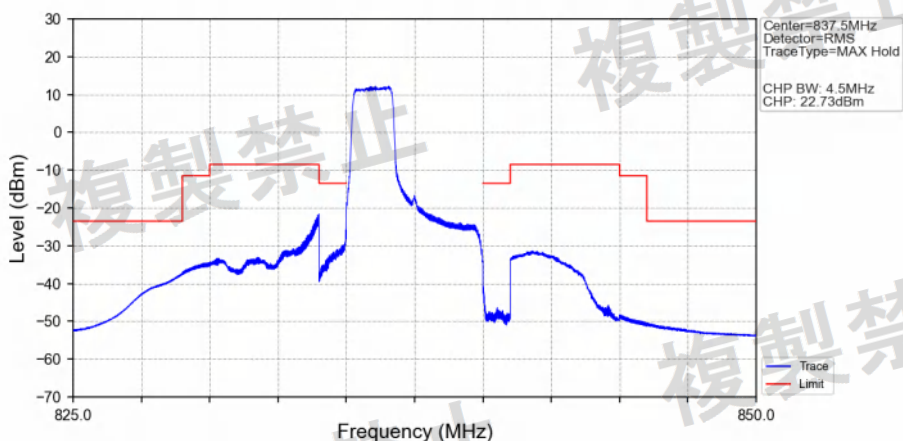


Band19 5MHz QPSK LCH 832.5MHz RB 25 0 NTN



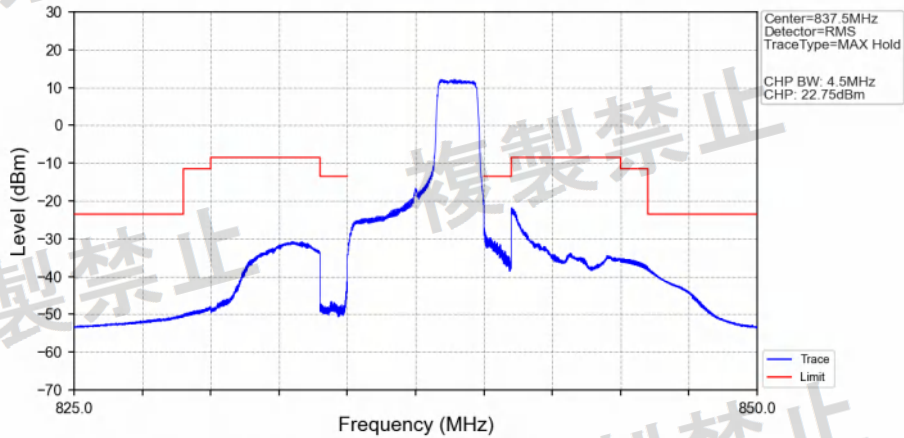
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-12.5	-8.5	1 M	3 M	822.912	-36.47	-23.5	Pass
-8.5	-7.5	1 M	3 M	824.771	-36.77	-11.5	Pass
-7.5	-3.5	1 M	3 M	828.984	-26.51	-8.5	Pass
-3.5	-2.5	30 k	100 k	829.997	-32.65	-13.5	Pass
2.5	3.5	30 k	100 k	835.001	-32.87	-13.5	Pass
3.5	7.5	1 M	3 M	836.172	-25.20	-8.5	Pass
7.5	8.5	1 M	3 M	840.011	-36.40	-11.5	Pass
8.5	12.5	1 M	3 M	842.240	-36.36	-23.5	Pass

Band19 5MHz QPSK MCH 837.5MHz RB 8 0 NTN



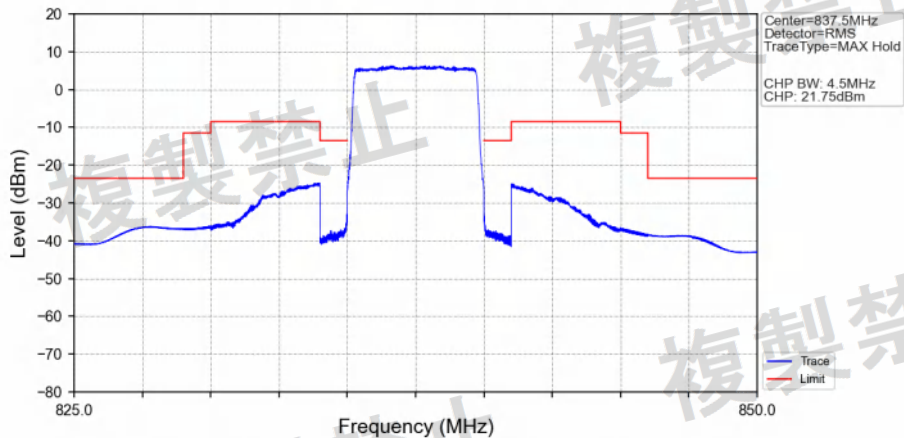
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-12.5	-8.5	1 M	3 M	828.976	-37.35	-23.5	Pass
-8.5	-7.5	1 M	3 M	829.929	-34.53	-11.5	Pass
-7.5	-3.5	1 M	3 M	834.000	-21.64	-8.5	Pass
-3.5	-2.5	30 k	100 k	835.000	-25.21	-13.5	Pass
2.5	3.5	30 k	100 k	840.002	-40.49	-13.5	Pass
3.5	7.5	1 M	3 M	841.812	-31.35	-8.5	Pass
7.5	8.5	1 M	3 M	845.002	-48.30	-11.5	Pass
8.5	12.5	1 M	3 M	846.048	-50.45	-23.5	Pass

Band19 5MHz QPSK MCH 837.5MHz RB 8 17 NTN



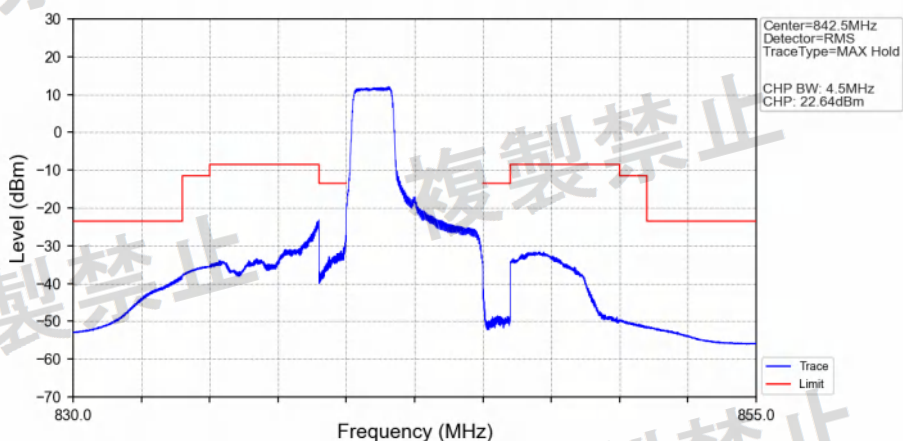
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-12.5	-8.5	1 M	3 M	828.928	-50.17	-23.5	Pass
-8.5	-7.5	1 M	3 M	829.994	-47.92	-11.5	Pass
-7.5	-3.5	1 M	3 M	833.048	-30.77	-8.5	Pass
-3.5	-2.5	30 k	100 k	834.999	-41.28	-13.5	Pass
2.5	3.5	30 k	100 k	840.000	-27.25	-13.5	Pass
3.5	7.5	1 M	3 M	841.024	-21.73	-8.5	Pass
7.5	8.5	1 M	3 M	845.010	-35.35	-11.5	Pass
8.5	12.5	1 M	3 M	846.000	-37.85	-23.5	Pass

Band19 5MHz QPSK MCH 837.5MHz RB 25 0 NTN



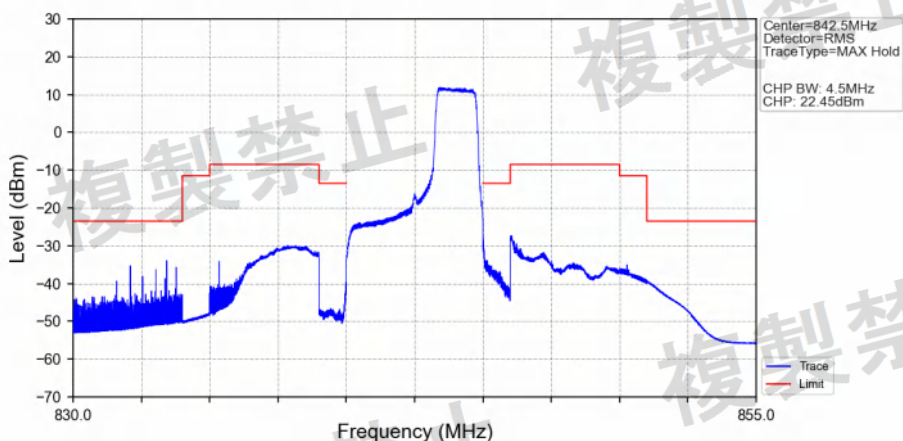
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-12.5	-8.5	1 M	3 M	827.812	-36.13	-23.5	Pass
-8.5	-7.5	1 M	3 M	830.000	-36.12	-11.5	Pass
-7.5	-3.5	1 M	3 M	833.988	-24.72	-8.5	Pass
-3.5	-2.5	30 k	100 k	835.000	-32.50	-13.5	Pass
2.5	3.5	30 k	100 k	840.000	-33.04	-13.5	Pass
3.5	7.5	1 M	3 M	841.072	-24.94	-8.5	Pass
7.5	8.5	1 M	3 M	845.006	-36.70	-11.5	Pass
8.5	12.5	1 M	3 M	846.028	-38.31	-23.5	Pass

Band19_5MHz_QPSK_HCH_842.5MHz_RB_8_0_NTNV



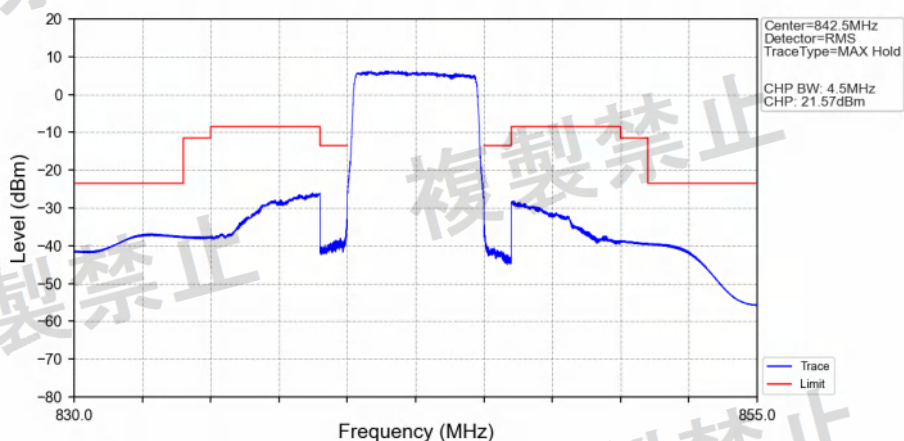
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-12.5	-8.5	1 M	3 M	833.996	-37.92	-23.5	Pass
-8.5	-7.5	1 M	3 M	834.986	-35.40	-11.5	Pass
-7.5	-3.5	1 M	3 M	839.000	-23.17	-8.5	Pass
-3.5	-2.5	30 k	100 k	840.000	-26.22	-13.5	Pass
2.5	3.5	30 k	100 k	845.000	-40.76	-13.5	Pass
3.5	7.5	1 M	3 M	847.084	-31.65	-8.5	Pass
7.5	8.5	1 M	3 M	850.001	-49.53	-11.5	Pass
8.5	12.5	1 M	3 M	851.072	-51.36	-23.5	Pass

Band19_5MHz_QPSK_HCH_842.5MHz_RB_8_17_NTNV



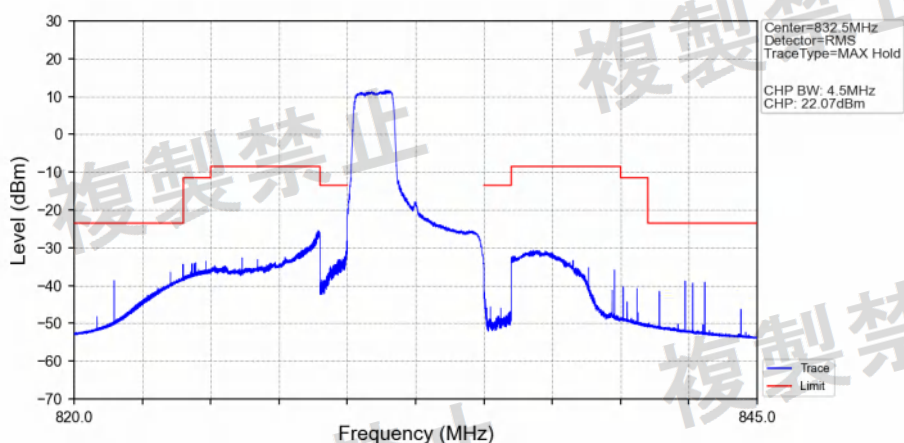
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-12.5	-8.5	1 M	3 M	833.424	-33.90	-23.5	Pass
-8.5	-7.5	1 M	3 M	835.000	-47.78	-11.5	Pass
-7.5	-3.5	1 M	3 M	838.140	-29.87	-8.5	Pass
-3.5	-2.5	30 k	100 k	839.999	-39.22	-13.5	Pass
2.5	3.5	30 k	100 k	845.003	-27.84	-13.5	Pass
3.5	7.5	1 M	3 M	846.020	-27.33	-8.5	Pass
7.5	8.5	1 M	3 M	850.277	-35.04	-11.5	Pass
8.5	12.5	1 M	3 M	851.016	-39.18	-23.5	Pass

Band19 5MHz QPSK HCH 842.5MHz RB 25 0 NTN



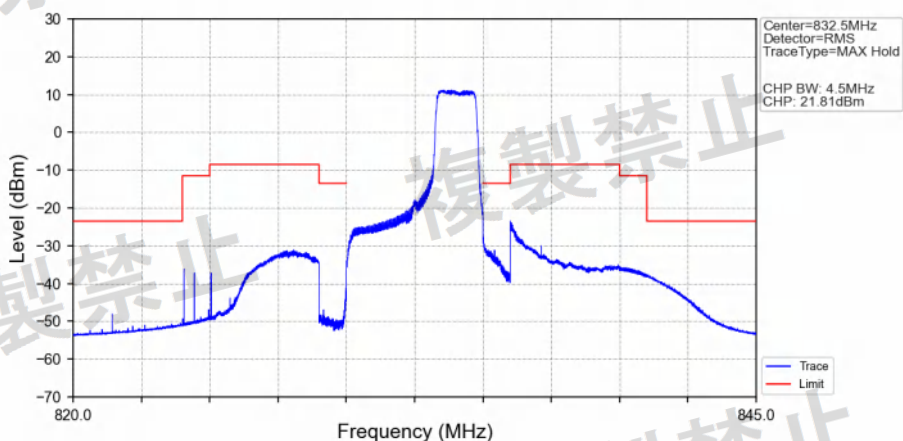
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-12.5	-8.5	1 M	3 M	832.720	-36.75	-23.5	Pass
-8.5	-7.5	1 M	3 M	834.070	-37.49	-11.5	Pass
-7.5	-3.5	1 M	3 M	838.732	-25.98	-8.5	Pass
-3.5	-2.5	30 k	100 k	839.999	-32.25	-13.5	Pass
2.5	3.5	30 k	100 k	845.004	-34.61	-13.5	Pass
3.5	7.5	1 M	3 M	846.096	-28.08	-8.5	Pass
7.5	8.5	1 M	3 M	850.020	-38.57	-11.5	Pass
8.5	12.5	1 M	3 M	851.012	-39.32	-23.5	Pass

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



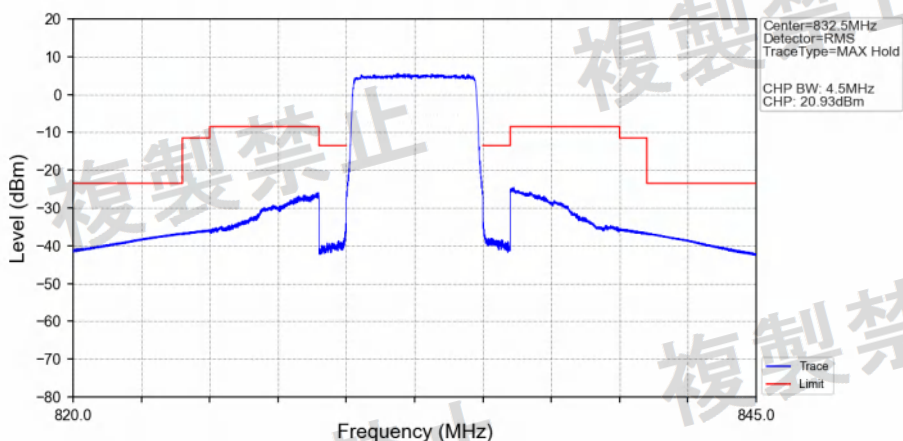
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-12.5	-8.5	1 M	3 M	823.988	-34.35	-23.5	Pass
-8.5	-7.5	1 M	3 M	824.831	-33.59	-11.5	Pass
-7.5	-3.5	1 M	3 M	828.936	-25.46	-8.5	Pass
-3.5	-2.5	30 k	100 k	829.999	-27.69	-13.5	Pass
2.5	3.5	30 k	100 k	835.000	-40.97	-13.5	Pass
3.5	7.5	1 M	3 M	836.800	-30.67	-8.5	Pass
7.5	8.5	1 M	3 M	840.100	-40.33	-11.5	Pass
8.5	12.5	1 M	3 M	842.364	-38.80	-23.5	Pass

Band19_5MHz_16QAM_LCH_832.5MHz_RB_8_17_NTNV



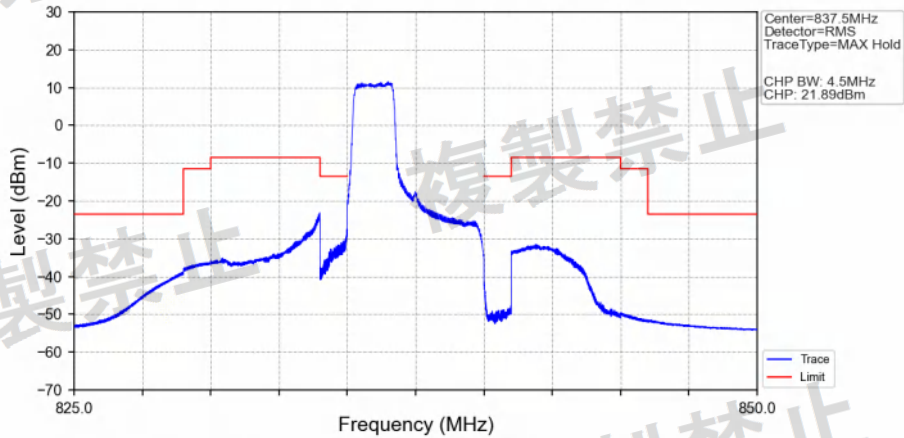
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-12.5	-8.5	1 M	3 M	821.432	-48.02	-23.5	Pass
-8.5	-7.5	1 M	3 M	824.060	-36.13	-11.5	Pass
-7.5	-3.5	1 M	3 M	828.080	-31.04	-8.5	Pass
-3.5	-2.5	30 k	100 k	829.995	-41.24	-13.5	Pass
2.5	3.5	30 k	100 k	835.001	-27.30	-13.5	Pass
3.5	7.5	1 M	3 M	836.000	-23.41	-8.5	Pass
7.5	8.5	1 M	3 M	840.032	-35.65	-11.5	Pass
8.5	12.5	1 M	3 M	841.040	-37.64	-23.5	Pass

Band19_5MHz_16QAM_LCH_832.5MHz_RB_25_0_NTNV



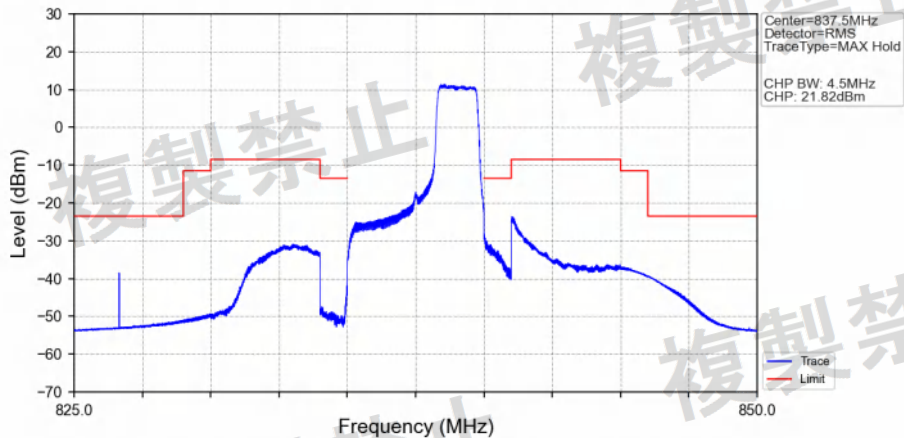
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-12.5	-8.5	1 M	3 M	823.996	-36.65	-23.5	Pass
-8.5	-7.5	1 M	3 M	824.970	-35.76	-11.5	Pass
-7.5	-3.5	1 M	3 M	828.980	-25.92	-8.5	Pass
-3.5	-2.5	30 k	100 k	830.000	-34.08	-13.5	Pass
2.5	3.5	30 k	100 k	835.000	-33.55	-13.5	Pass
3.5	7.5	1 M	3 M	836.128	-24.54	-8.5	Pass
7.5	8.5	1 M	3 M	840.003	-35.50	-11.5	Pass
8.5	12.5	1 M	3 M	841.016	-36.57	-23.5	Pass

Band19 5MHz 16QAM MCH 837.5MHz RB 8 0 NTNV



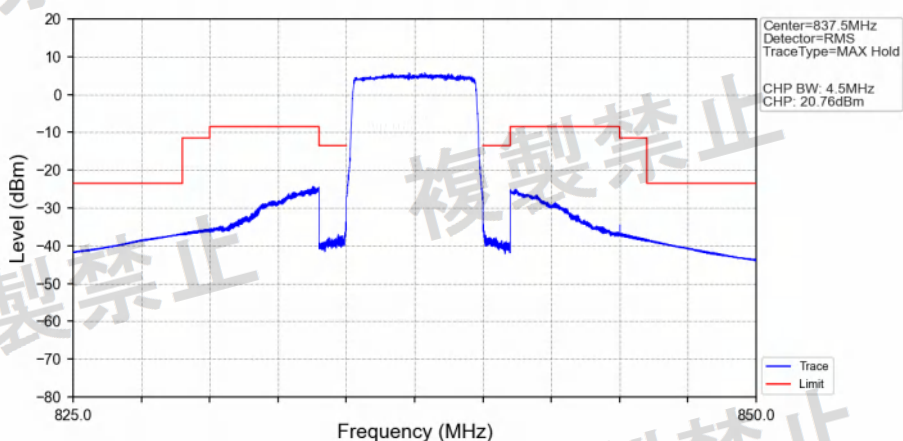
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-12.5	-8.5	1 M	3 M	828.996	-38.71	-23.5	Pass
-8.5	-7.5	1 M	3 M	829.965	-36.31	-11.5	Pass
-7.5	-3.5	1 M	3 M	833.988	-23.14	-8.5	Pass
-3.5	-2.5	30 k	100 k	834.999	-27.35	-13.5	Pass
2.5	3.5	30 k	100 k	840.000	-41.23	-13.5	Pass
3.5	7.5	1 M	3 M	841.884	-31.47	-8.5	Pass
7.5	8.5	1 M	3 M	845.002	-49.57	-11.5	Pass
8.5	12.5	1 M	3 M	846.136	-51.41	-23.5	Pass

Band19 5MHz 16QAM MCH 837.5MHz RB 8 17 NTNV



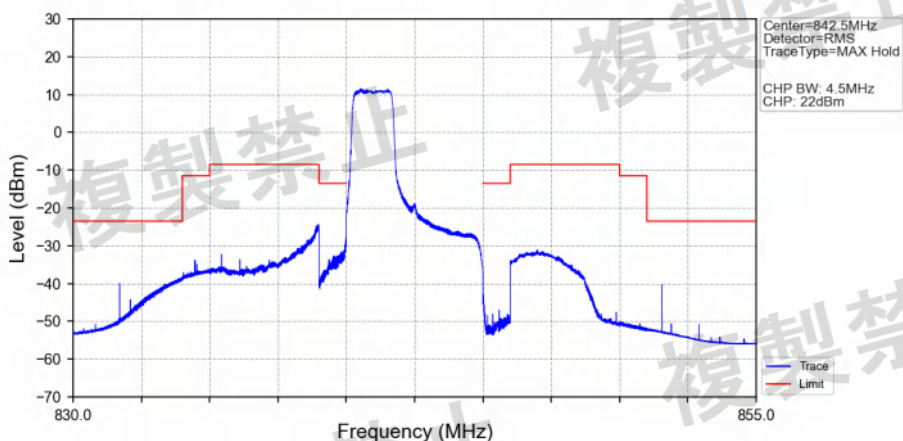
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-12.5	-8.5	1 M	3 M	826.652	-38.47	-23.5	Pass
-8.5	-7.5	1 M	3 M	829.978	-49.30	-11.5	Pass
-7.5	-3.5	1 M	3 M	833.008	-30.86	-8.5	Pass
-3.5	-2.5	30 k	100 k	834.999	-41.59	-13.5	Pass
2.5	3.5	30 k	100 k	840.004	-28.06	-13.5	Pass
3.5	7.5	1 M	3 M	841.020	-23.62	-8.5	Pass
7.5	8.5	1 M	3 M	845.016	-36.91	-11.5	Pass
8.5	12.5	1 M	3 M	846.020	-39.31	-23.5	Pass

Band19_5MHz_16QAM_MCH_837.5MHz_RB_25_0_NTNV



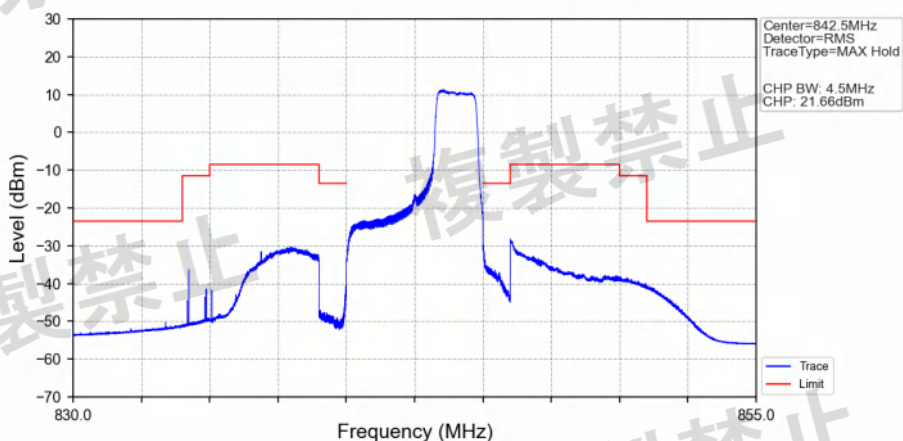
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-12.5	-8.5	1 M	3 M	828.996	-36.76	-23.5	Pass
-8.5	-7.5	1 M	3 M	829.975	-35.59	-11.5	Pass
-7.5	-3.5	1 M	3 M	833.800	-24.27	-8.5	Pass
-3.5	-2.5	30 k	100 k	834.999	-33.59	-13.5	Pass
2.5	3.5	30 k	100 k	840.002	-33.92	-13.5	Pass
3.5	7.5	1 M	3 M	841.196	-25.02	-8.5	Pass
7.5	8.5	1 M	3 M	845.018	-34.51	-11.5	Pass
8.5	12.5	1 M	3 M	846.004	-38.32	-23.5	Pass

Band19_5MHz_16QAM_HCH_842.5MHz_RB_8_0_NTNV



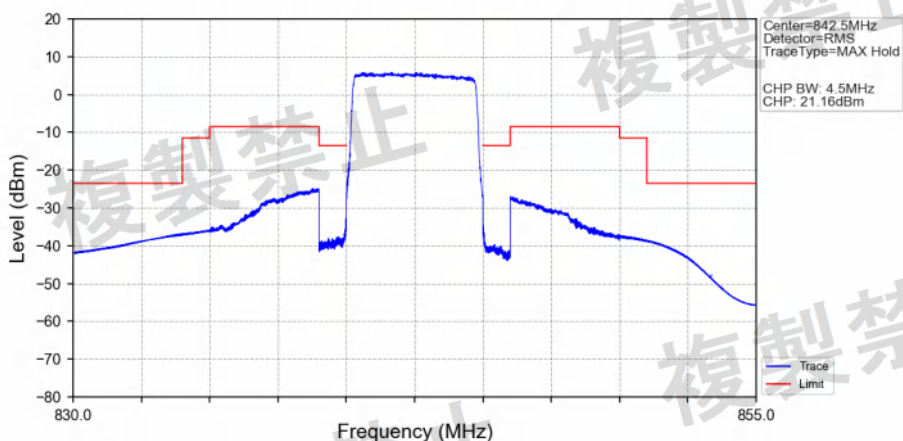
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-12.5	-8.5	1 M	3 M	833.988	-38.36	-23.5	Pass
-8.5	-7.5	1 M	3 M	834.461	-33.83	-11.5	Pass
-7.5	-3.5	1 M	3 M	838.980	-24.32	-8.5	Pass
-3.5	-2.5	30 k	100 k	839.998	-27.81	-13.5	Pass
2.5	3.5	30 k	100 k	845.005	-42.87	-13.5	Pass
3.5	7.5	1 M	3 M	846.992	-31.06	-8.5	Pass
7.5	8.5	1 M	3 M	850.048	-50.18	-11.5	Pass
8.5	12.5	1 M	3 M	851.556	-40.27	-23.5	Pass

Band19_5MHz_16QAM_HCH_842.5MHz_RB_8_17_NTNV



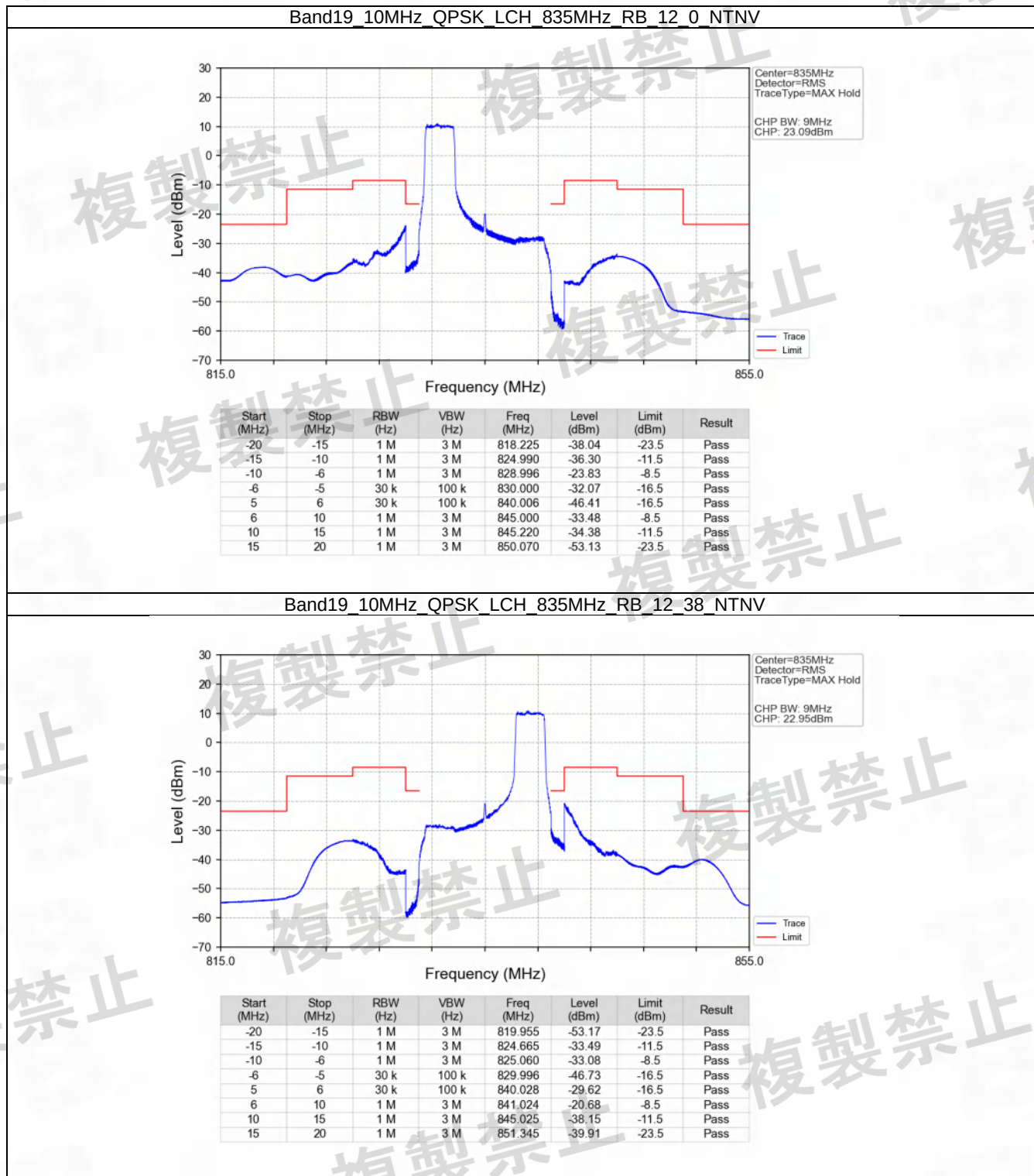
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-12.5	-8.5	1 M	3 M	833.388	-50.31	-23.5	Pass
-8.5	-7.5	1 M	3 M	834.238	-36.24	-11.5	Pass
-7.5	-3.5	1 M	3 M	837.956	-30.38	-8.5	Pass
-3.5	-2.5	30 k	100 k	839.994	-40.53	-13.5	Pass
2.5	3.5	30 k	100 k	845.001	-28.98	-13.5	Pass
3.5	7.5	1 M	3 M	846.004	-28.17	-8.5	Pass
7.5	8.5	1 M	3 M	850.044	-38.13	-11.5	Pass
8.5	12.5	1 M	3 M	851.052	-40.62	-23.5	Pass

Band19_5MHz_16QAM_HCH_842.5MHz_RB_25_0_NTNV

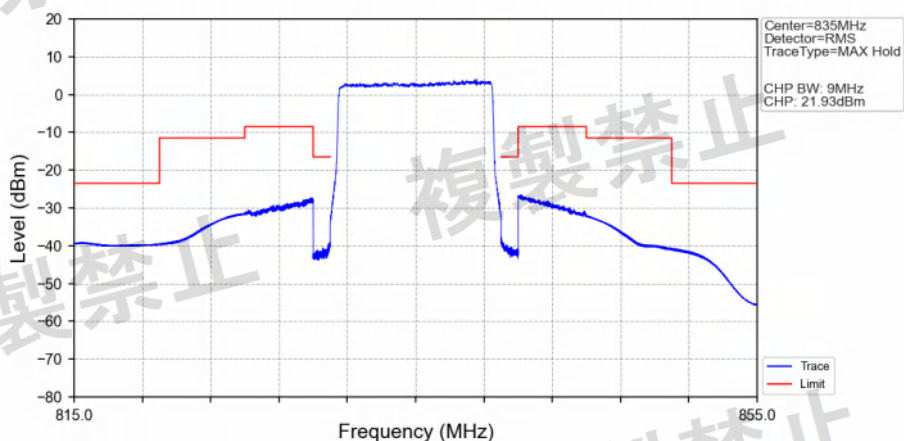


Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-12.5	-8.5	1 M	3 M	833.972	-36.78	-23.5	Pass
-8.5	-7.5	1 M	3 M	834.986	-35.84	-11.5	Pass
-7.5	-3.5	1 M	3 M	838.788	-24.76	-8.5	Pass
-3.5	-2.5	30 k	100 k	839.995	-32.78	-13.5	Pass
2.5	3.5	30 k	100 k	845.008	-34.72	-13.5	Pass
3.5	7.5	1 M	3 M	846.000	-26.95	-8.5	Pass
7.5	8.5	1 M	3 M	850.027	-37.29	-11.5	Pass
8.5	12.5	1 M	3 M	851.036	-38.56	-23.5	Pass

5.2.2 B19_10MHz

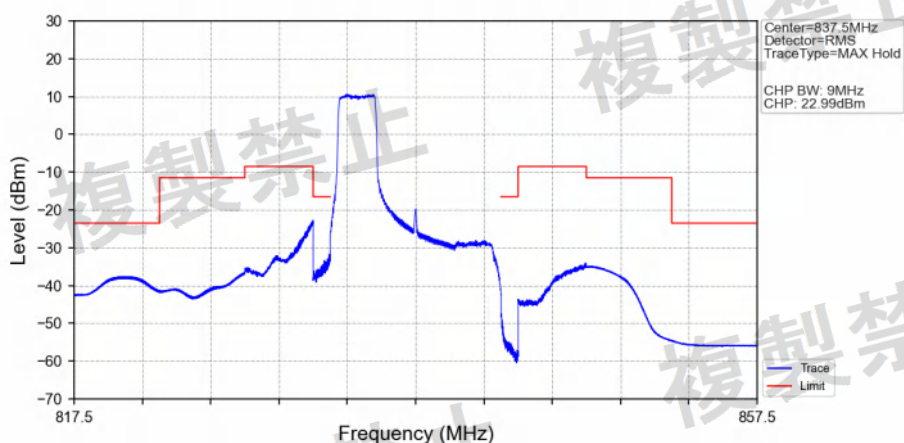


Band19_10MHz_QPSK_LCH_835MHz_RB_50_0_NTNV



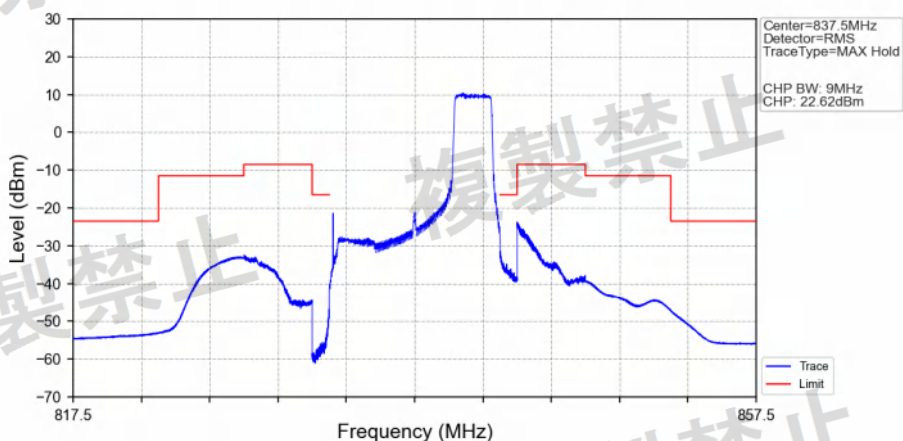
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-20	-15	1 M	3 M	815.505	-39.15	-23.5	Pass
-15	-10	1 M	3 M	824.995	-31.46	-11.5	Pass
-10	-6	1 M	3 M	828.972	-27.31	-8.5	Pass
-6	-5	30 k	100 k	829.998	-38.82	-16.5	Pass
5	6	30 k	100 k	840.016	-37.75	-16.5	Pass
6	10	1 M	3 M	841.176	-26.55	-8.5	Pass
10	15	1 M	3 M	845.010	-31.98	-11.5	Pass
15	20	1 M	3 M	850.000	-40.68	-23.5	Pass

Band19_10MHz_QPSK_MCH_837.5MHz_RB_12_0_NTNV



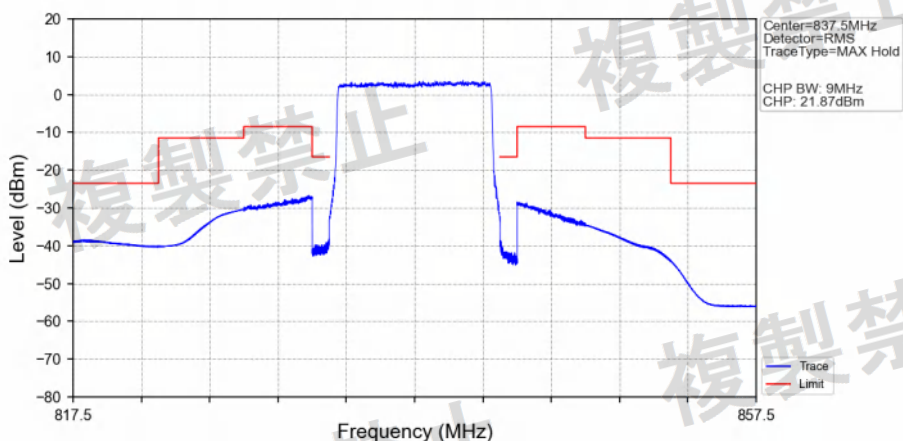
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-20	-15	1 M	3 M	820.445	-37.58	-23.5	Pass
-15	-10	1 M	3 M	827.465	-36.55	-11.5	Pass
-10	-6	1 M	3 M	831.500	-22.74	-8.5	Pass
-6	-5	30 k	100 k	832.478	-31.73	-16.5	Pass
5	6	30 k	100 k	842.500	-47.31	-16.5	Pass
6	10	1 M	3 M	847.440	-33.97	-8.5	Pass
10	15	1 M	3 M	847.800	-34.87	-11.5	Pass
15	20	1 M	3 M	852.525	-54.45	-23.5	Pass

Band19_10MHz_QPSK_MCH_837.5MHz_RB_12_38_NTNV



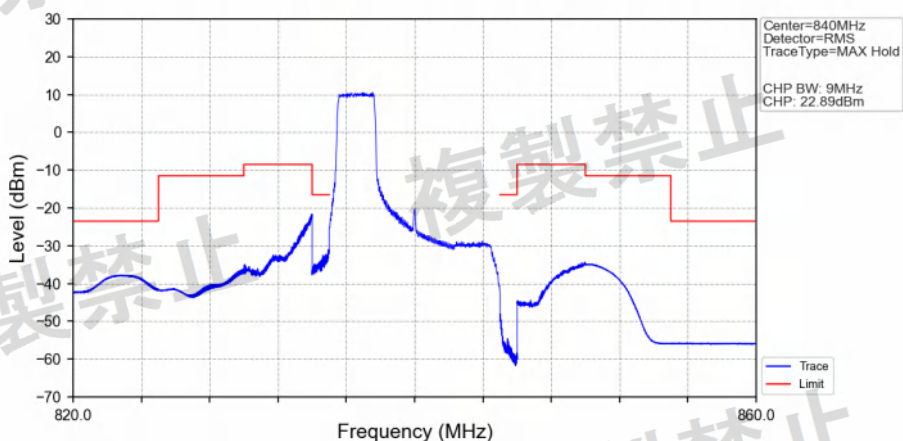
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-20	-15	1 M	3 M	822.470	-52.94	-23.5	Pass
-15	-10	1 M	3 M	827.195	-32.97	-11.5	Pass
-10	-6	1 M	3 M	827.500	-32.52	-8.5	Pass
-6	-5	30 k	100 k	832.495	-46.75	-16.5	Pass
5	6	30 k	100 k	842.501	-31.47	-16.5	Pass
6	10	1 M	3 M	843.500	-23.74	-8.5	Pass
10	15	1 M	3 M	847.505	-39.26	-11.5	Pass
15	20	1 M	3 M	852.505	-47.05	-23.5	Pass

Band19_10MHz_QPSK_MCH_837.5MHz_RB_50_0_NTNV



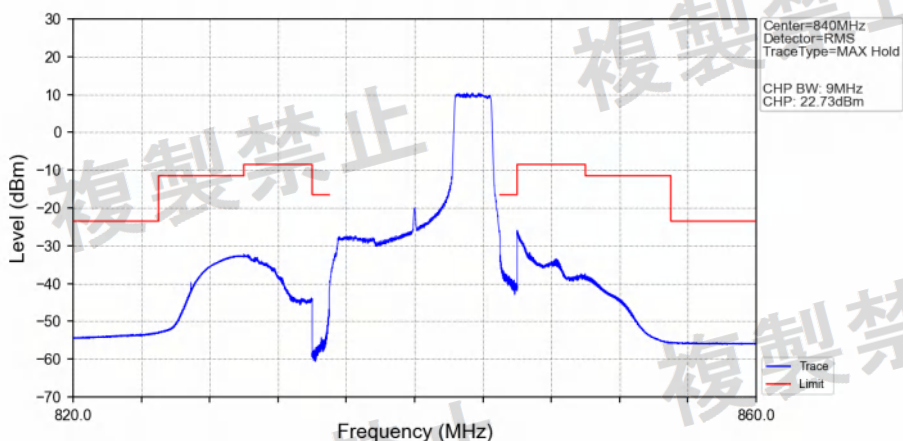
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-20	-15	1 M	3 M	818.130	-38.37	-23.5	Pass
-15	-10	1 M	3 M	827.480	-30.34	-11.5	Pass
-10	-6	1 M	3 M	831.300	-26.69	-8.5	Pass
-6	-5	30 k	100 k	832.498	-38.19	-16.5	Pass
5	6	30 k	100 k	842.502	-38.28	-16.5	Pass
6	10	1 M	3 M	843.504	-28.42	-8.5	Pass
10	15	1 M	3 M	847.500	-34.42	-11.5	Pass
15	20	1 M	3 M	852.500	-43.94	-23.5	Pass

Band19_10MHz_QPSK_HCH_840MHz_RB_12_0_NTNV



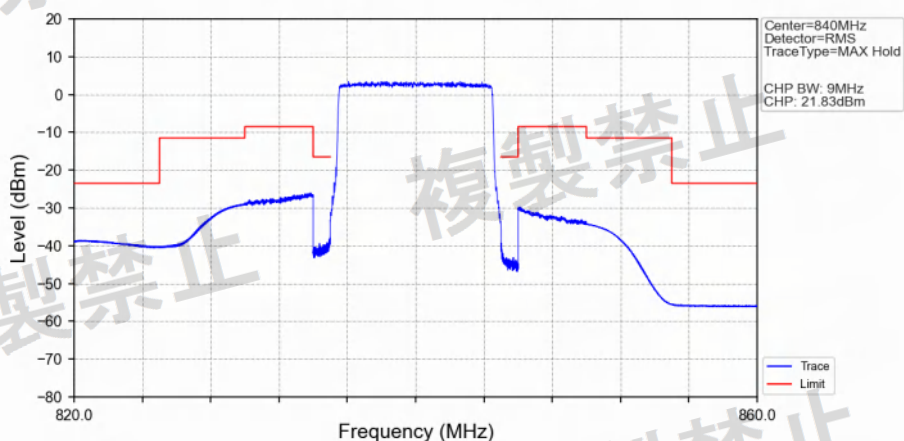
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-20	-15	1 M	3 M	822.830	-37.70	-23.5	Pass
-15	-10	1 M	3 M	829.955	-36.19	-11.5	Pass
-10	-6	1 M	3 M	833.988	-21.58	-8.5	Pass
-6	-5	30 k	100 k	835.000	-30.61	-16.5	Pass
5	6	30 k	100 k	845.009	-48.06	-16.5	Pass
6	10	1 M	3 M	850.000	-34.32	-8.5	Pass
10	15	1 M	3 M	850.235	-34.85	-11.5	Pass
15	20	1 M	3 M	855.490	-55.59	-23.5	Pass

Band19_10MHz_QPSK_HCH_840MHz_RB_12_38_NTNV



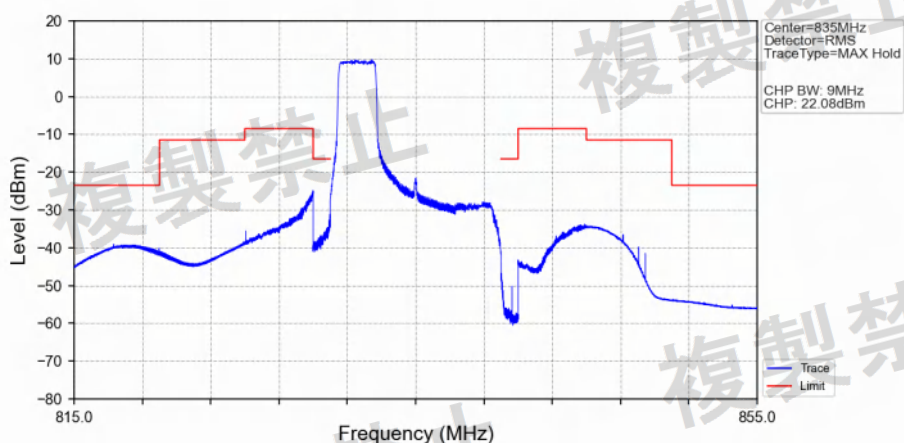
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-20	-15	1 M	3 M	824.880	-52.93	-23.5	Pass
-15	-10	1 M	3 M	829.685	-32.59	-11.5	Pass
-10	-6	1 M	3 M	830.000	-32.16	-8.5	Pass
-6	-5	30 k	100 k	834.999	-46.78	-16.5	Pass
5	6	30 k	100 k	845.002	-32.42	-16.5	Pass
6	10	1 M	3 M	846.008	-25.92	-8.5	Pass
10	15	1 M	3 M	850.005	-38.01	-11.5	Pass
15	20	1 M	3 M	855.015	-55.46	-23.5	Pass

Band19_10MHz_QPSK_HCH_840MHz_RB_50_0_NTNV



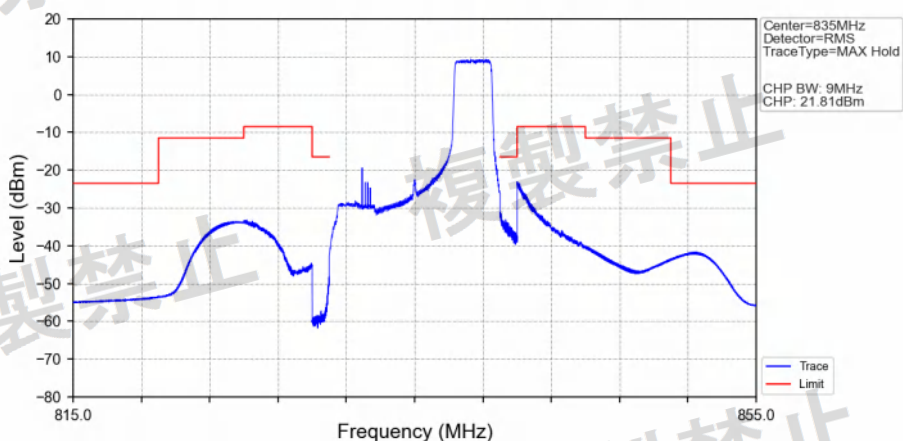
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-20	-15	1 M	3 M	820.305	-38.50	-23.5	Pass
-15	-10	1 M	3 M	829.985	-28.93	-11.5	Pass
-10	-6	1 M	3 M	833.844	-25.99	-8.5	Pass
-6	-5	30 k	100 k	834.992	-37.87	-16.5	Pass
5	6	30 k	100 k	845.004	-39.18	-16.5	Pass
6	10	1 M	3 M	846.024	-29.78	-8.5	Pass
10	15	1 M	3 M	850.015	-34.18	-11.5	Pass
15	20	1 M	3 M	855.060	-55.41	-23.5	Pass

Band19_10MHz_16QAM_LCH_835MHz_RB_12_0_NTNV



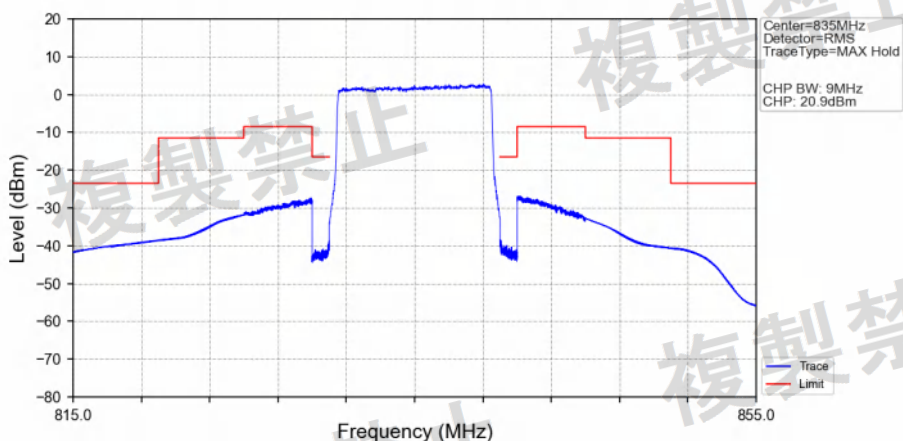
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-20	-15	1 M	3 M	817.325	-39.09	-23.5	Pass
-15	-10	1 M	3 M	824.925	-38.44	-11.5	Pass
-10	-6	1 M	3 M	828.984	-24.88	-8.5	Pass
-6	-5	30 k	100 k	829.993	-31.18	-16.5	Pass
5	6	30 k	100 k	840.001	-46.36	-16.5	Pass
6	10	1 M	3 M	844.908	-33.78	-8.5	Pass
10	15	1 M	3 M	845.075	-34.26	-11.5	Pass
15	20	1 M	3 M	850.090	-53.65	-23.5	Pass

Band19_10MHz_16QAM_LCH_835MHz_RB_12_38_NTNV



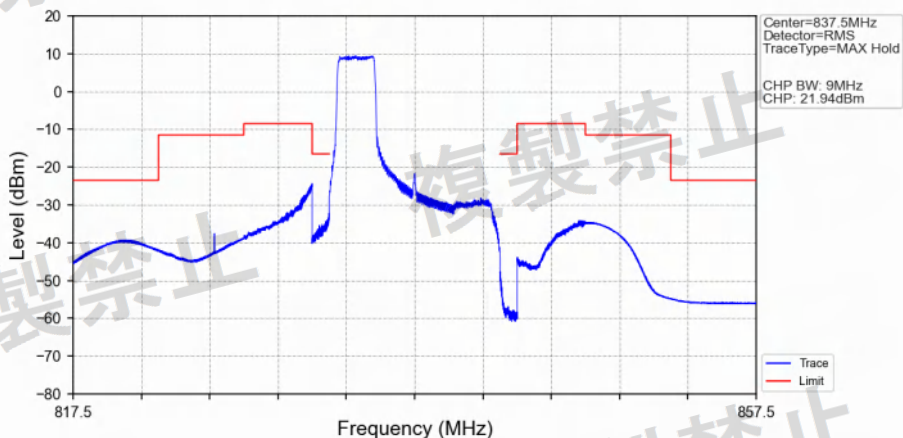
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-20	-15	1 M	3 M	820.000	-53.46	-23.5	Pass
-15	-10	1 M	3 M	824.365	-33.55	-11.5	Pass
-10	-6	1 M	3 M	825.176	-33.19	-8.5	Pass
-6	-5	30 k	100 k	829.999	-48.24	-16.5	Pass
5	6	30 k	100 k	840.001	-30.88	-16.5	Pass
6	10	1 M	3 M	841.008	-23.03	-8.5	Pass
10	15	1 M	3 M	845.025	-40.04	-11.5	Pass
15	20	1 M	3 M	851.540	-41.65	-23.5	Pass

Band19_10MHz_16QAM_LCH_835MHz_RB_50_0_NTNV



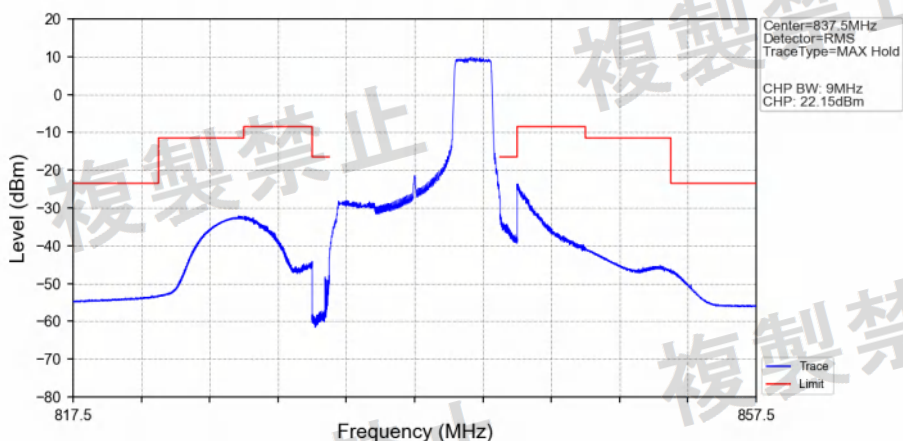
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-20	-15	1 M	3 M	819.980	-38.52	-23.5	Pass
-15	-10	1 M	3 M	825.000	-31.81	-11.5	Pass
-10	-6	1 M	3 M	828.912	-27.38	-8.5	Pass
-6	-5	30 k	100 k	829.999	-38.76	-16.5	Pass
5	6	30 k	100 k	840.040	-38.42	-16.5	Pass
6	10	1 M	3 M	841.156	-26.82	-8.5	Pass
10	15	1 M	3 M	845.000	-32.73	-11.5	Pass
15	20	1 M	3 M	850.025	-40.51	-23.5	Pass

Band19_10MHz_16QAM_MCH_837.5MHz_RB_12_0_NTNV



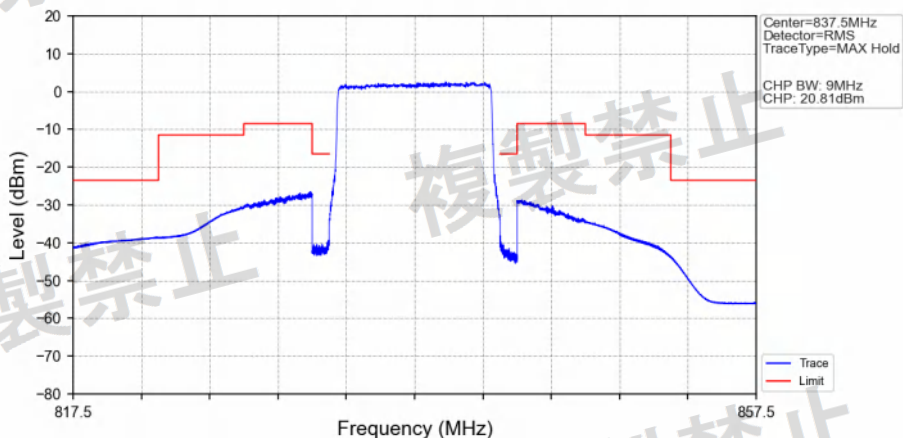
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-20	-15	1 M	3 M	820.595	-39.23	-23.5	Pass
-15	-10	1 M	3 M	825.780	-37.55	-11.5	Pass
-10	-6	1 M	3 M	831.500	-24.33	-8.5	Pass
-6	-5	30 k	100 k	832.499	-32.21	-16.5	Pass
5	6	30 k	100 k	842.503	-47.37	-16.5	Pass
6	10	1 M	3 M	847.140	-34.08	-8.5	Pass
10	15	1 M	3 M	847.575	-34.60	-11.5	Pass
15	20	1 M	3 M	852.535	-54.76	-23.5	Pass

Band19_10MHz_16QAM_MCH_837.5MHz_RB_12_38_NTNV



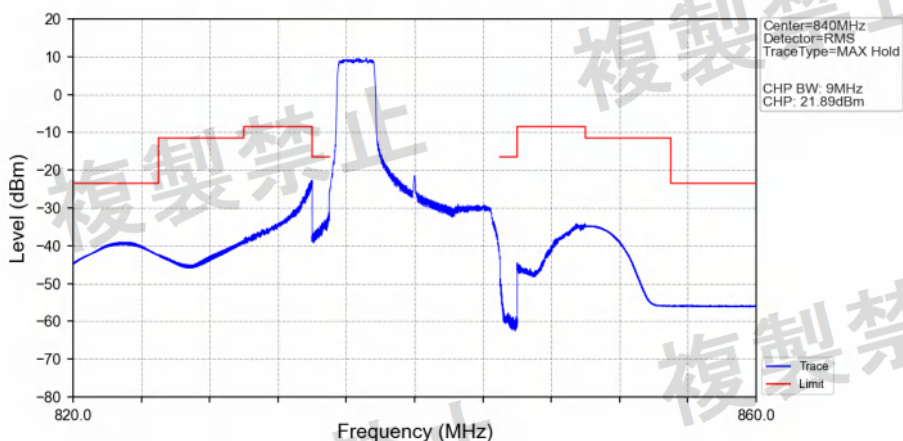
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-20	-15	1 M	3 M	822.485	-53.19	-23.5	Pass
-15	-10	1 M	3 M	827.200	-32.09	-11.5	Pass
-10	-6	1 M	3 M	827.504	-32.16	-8.5	Pass
-6	-5	30 k	100 k	832.494	-47.93	-16.5	Pass
5	6	30 k	100 k	842.509	-31.67	-16.5	Pass
6	10	1 M	3 M	843.548	-23.64	-8.5	Pass
10	15	1 M	3 M	847.500	-40.77	-11.5	Pass
15	20	1 M	3 M	852.515	-46.25	-23.5	Pass

Band19_10MHz_16QAM_MCH_837.5MHz_RB_50_0_NTNV



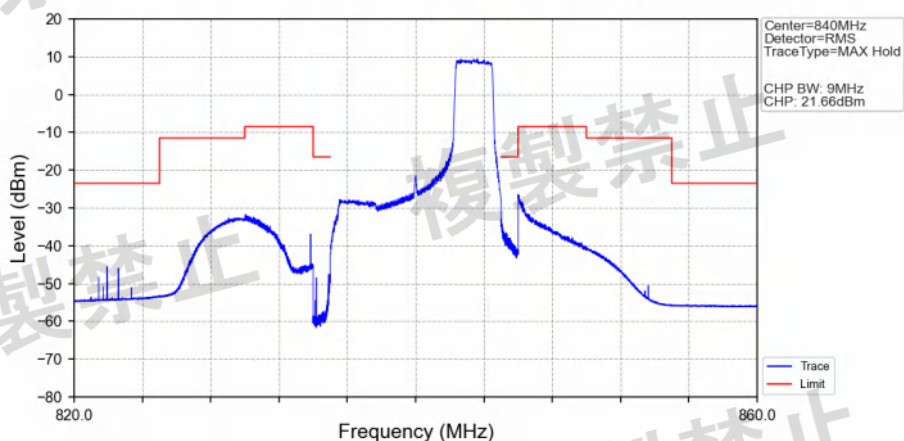
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-20	-15	1 M	3 M	822.455	-38.46	-23.5	Pass
-15	-10	1 M	3 M	827.355	-30.44	-11.5	Pass
-10	-6	1 M	3 M	831.400	-26.48	-8.5	Pass
-6	-5	30 k	100 k	832.481	-39.34	-16.5	Pass
5	6	30 k	100 k	842.504	-38.02	-16.5	Pass
6	10	1 M	3 M	843.768	-28.66	-8.5	Pass
10	15	1 M	3 M	847.500	-34.31	-11.5	Pass
15	20	1 M	3 M	852.500	-43.62	-23.5	Pass

Band19_10MHz_16QAM_HCH_840MHz_RB_12_0_NTNV



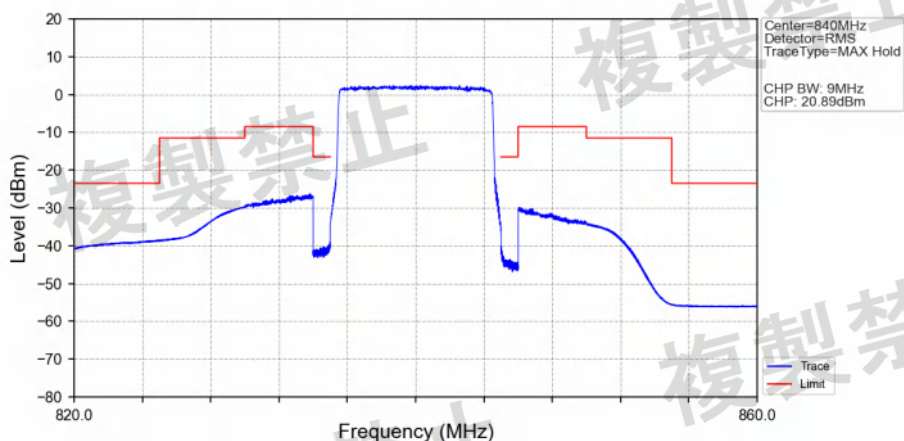
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-20	-15	1 M	3 M	822.995	-39.02	-23.5	Pass
-15	-10	1 M	3 M	829.970	-38.60	-11.5	Pass
-10	-6	1 M	3 M	833.992	-22.65	-8.5	Pass
-6	-5	30 k	100 k	834.998	-31.13	-16.5	Pass
5	6	30 k	100 k	845.001	-48.05	-16.5	Pass
6	10	1 M	3 M	849.972	-34.14	-8.5	Pass
10	15	1 M	3 M	850.160	-34.69	-11.5	Pass
15	20	1 M	3 M	856.280	-55.65	-23.5	Pass

Band19_10MHz_16QAM_HCH_840MHz_RB_12_38_NTNV



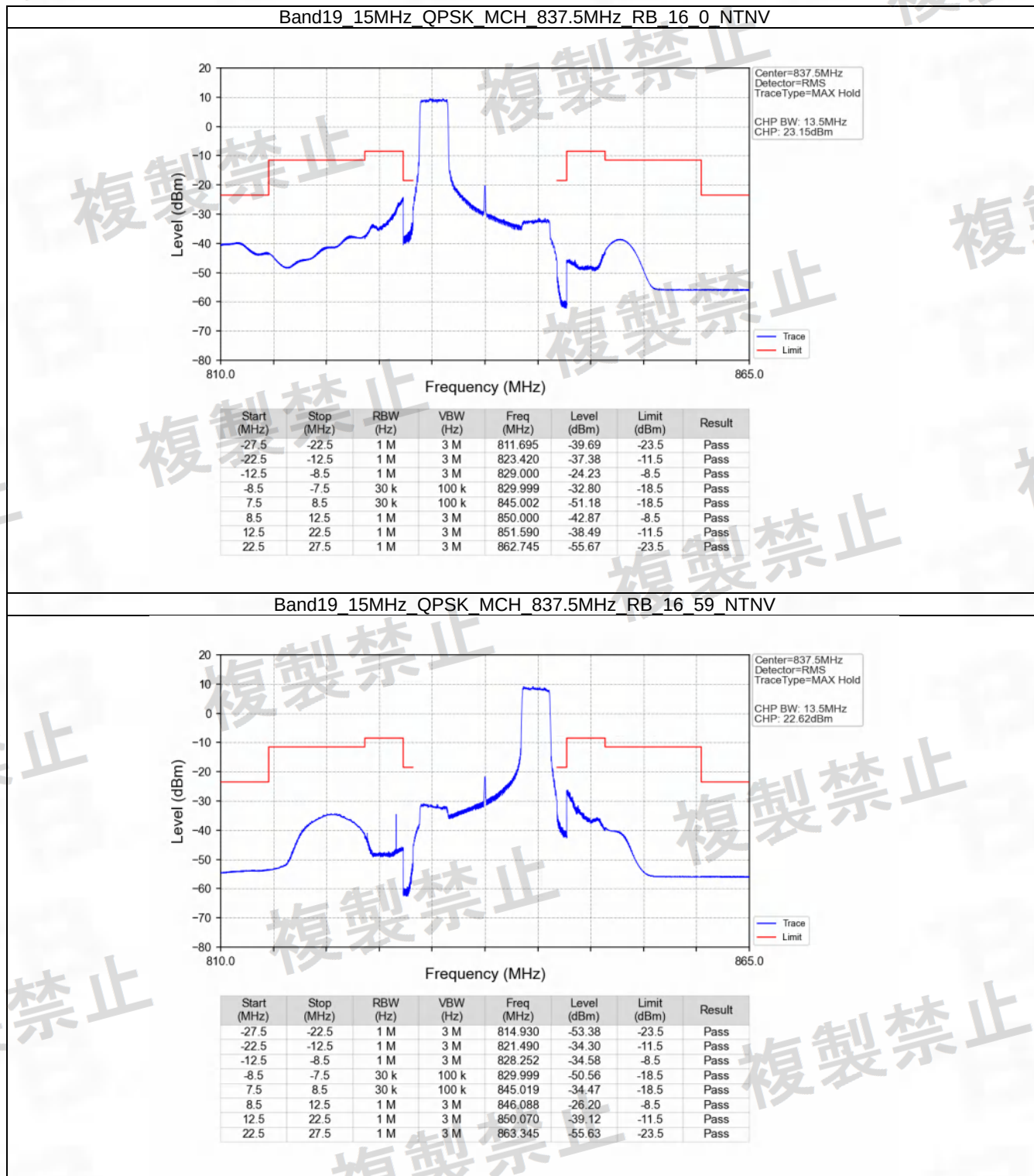
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-20	-15	1 M	3 M	821.935	-45.54	-23.5	Pass
-15	-10	1 M	3 M	829.590	-32.60	-11.5	Pass
-10	-6	1 M	3 M	830.044	-31.65	-8.5	Pass
-6	-5	30 k	100 k	834.998	-47.49	-16.5	Pass
5	6	30 k	100 k	845.014	-33.03	-16.5	Pass
6	10	1 M	3 M	846.004	-26.38	-8.5	Pass
10	15	1 M	3 M	850.035	-40.52	-11.5	Pass
15	20	1 M	3 M	855.885	-55.55	-23.5	Pass

Band19_10MHz_16QAM_HCH_840MHz_RB_50_0_NTNV

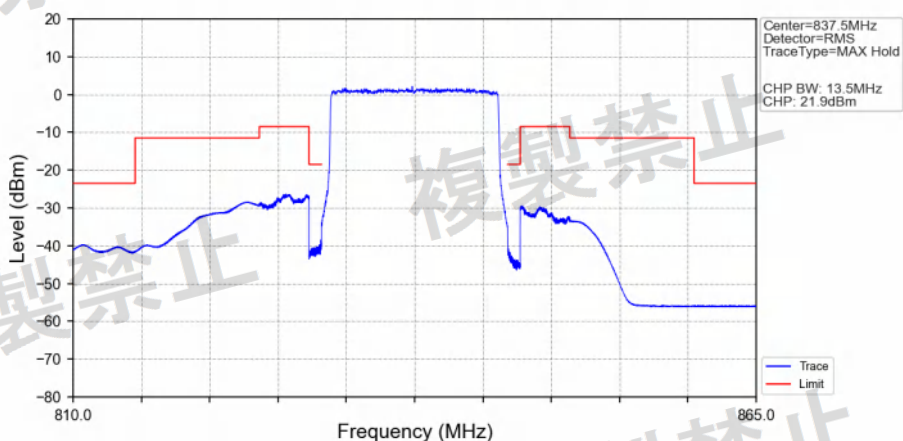


Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-20	-15	1 M	3 M	824.965	-38.49	-23.5	Pass
-15	-10	1 M	3 M	829.980	-29.69	-11.5	Pass
-10	-6	1 M	3 M	833.808	-26.23	-8.5	Pass
-6	-5	30 k	100 k	834.998	-38.56	-16.5	Pass
5	6	30 k	100 k	845.011	-40.23	-16.5	Pass
6	10	1 M	3 M	846.032	-29.84	-8.5	Pass
10	15	1 M	3 M	850.015	-34.06	-11.5	Pass
15	20	1 M	3 M	855.030	-55.49	-23.5	Pass

5.2.3 B19_15MHz

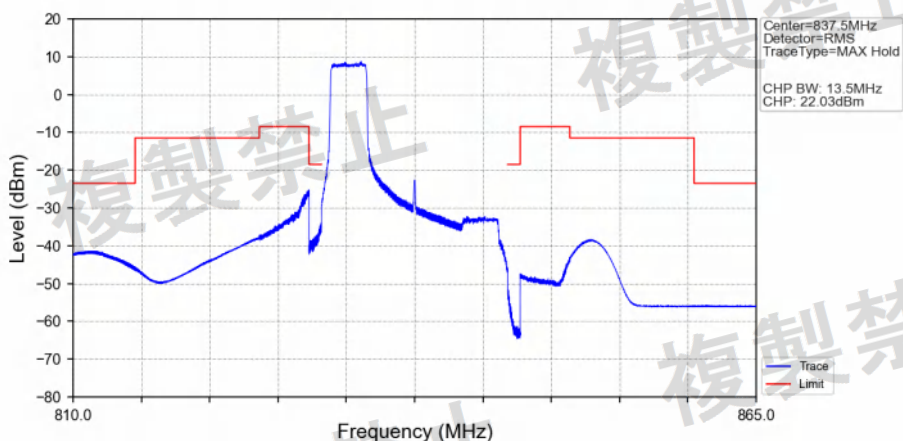


Band19_15MHz_QPSK_MCH_837.5MHz_RB_75_0_NTNV



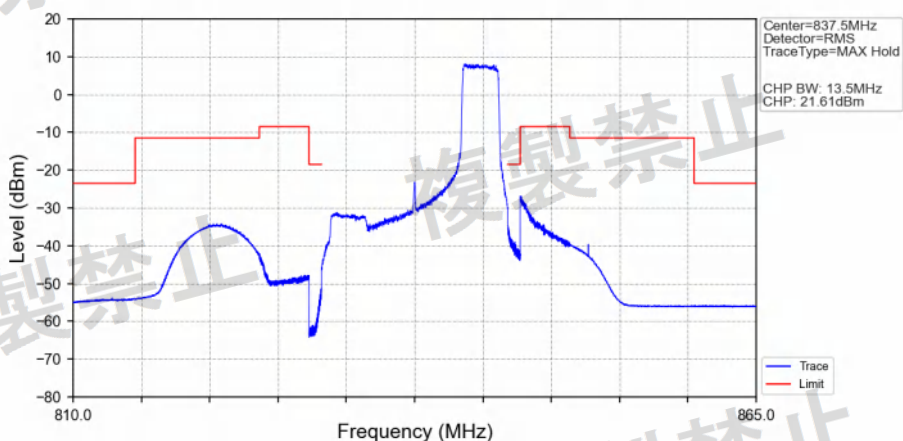
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-27.5	-22.5	1 M	3 M	810.840	-39.78	-23.5	Pass
-22.5	-12.5	1 M	3 M	824.150	-28.45	-11.5	Pass
-12.5	-8.5	1 M	3 M	827.172	-26.35	-8.5	Pass
-8.5	-7.5	30 k	100 k	829.971	-38.40	-18.5	Pass
-7.5	8.5	30 k	100 k	845.001	-40.33	-18.5	Pass
8.5	12.5	1 M	3 M	846.068	-29.53	-8.5	Pass
12.5	22.5	1 M	3 M	850.000	-33.36	-11.5	Pass
22.5	27.5	1 M	3 M	861.210	-55.73	-23.5	Pass

Band19_15MHz_16QAM_MCH_837.5MHz_RB_16_0_NTNV



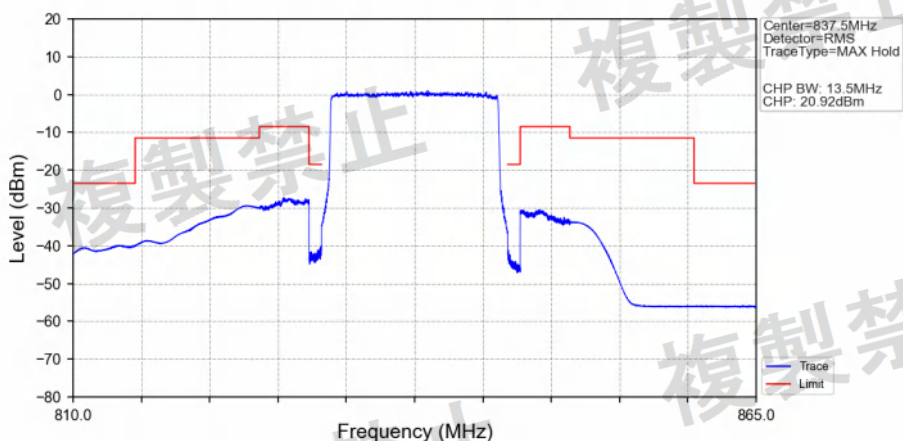
Start (MHz)	Stop (MHz)	RBW (Hz)	VBW (Hz)	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
-27.5	-22.5	1 M	3 M	811.615	-41.36	-23.5	Pass
-22.5	-12.5	1 M	3 M	825.000	-37.75	-11.5	Pass
-12.5	-8.5	1 M	3 M	828.976	-25.22	-8.5	Pass
-8.5	-7.5	30 k	100 k	829.991	-33.76	-18.5	Pass
-7.5	8.5	30 k	100 k	845.009	-51.54	-18.5	Pass
8.5	12.5	1 M	3 M	850.000	-43.13	-8.5	Pass
12.5	22.5	1 M	3 M	851.720	-38.33	-11.5	Pass
22.5	27.5	1 M	3 M	861.070	-55.71	-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	813.140	-53.76	-23.5	Pass
-22.5	-12.5	1 M	3 M	821.600	-34.16	-11.5	Pass
-12.5	-8.5	1 M	3 M	825.004	-42.05	-8.5	Pass
-8.5	-7.5	30 k	100 k	829.997	-51.10	-18.5	Pass
-7.5	8.5	30 k	100 k	845.018	-34.60	-18.5	Pass
8.5	12.5	1 M	3 M	846.008	-26.87	-8.5	Pass
12.5	22.5	1 M	3 M	851.490	-39.59	-11.5	Pass
22.5	27.5	1 M	3 M	862.205	-55.74	-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	813.750	-39.87	-23.5	Pass
-22.5	-12.5	1 M	3 M	824.030	-29.34	-11.5	Pass
-12.5	-8.5	1 M	3 M	826.968	-27.25	-8.5	Pass
-8.5	-7.5	30 k	100 k	829.995	-39.80	-18.5	Pass
-7.5	8.5	30 k	100 k	845.010	-40.88	-18.5	Pass
8.5	12.5	1 M	3 M	847.488	-30.42	-8.5	Pass
12.5	22.5	1 M	3 M	850.060	-33.60	-11.5	Pass
22.5	27.5	1 M	3 M	864.470	-55.77	-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	0.088	-53.27	0.090	-53.95	0.057	-54.56	dBm/kHz	<=-36	Pass
	0.15MHz ~ 30MHz	0.160	-50.34	0.150	-51.03	0.165	-53.64	dBm/10kHz	<=-36	Pass
	30MHz ~ 1000MHz	818.550	-47.58	850.950	-47.22	828.850	-47.95	dBm/100kHz	<=-36	Pass
	470MHz ~ 710MHz	477.550	-65.29	532.800	-65.51	682.250	-65.52	dBm/100kHz	<=-36	Pass
	770MHz ~ 773MHz	772.133	-75.81	770.339	-76.41	771.392	-76.75	dBm/100kHz	<=-36	Pass
	773MHz ~ 803MHz	781.280	-75.71	778.880	-76.33	784.400	-76.12	dBm/100kHz	<=-36	Pass
	860MHz ~ 890MHz	876.110	-64.68	883.610	-63.15	886.100	-63.88	dBm/MHz	<=-40	Pass
	945MHz ~ 960MHz	952.140	-76.43	946.800	-77.05	952.620	-77.25	dBm/100kHz	<=-36	Pass
	1000MHz ~ 12750MHz	2497.000	-31.58	2512.500	-32.38	2527.000	-32.73	dBm/MHz	<=-30	Pass
	1475.9MHz ~ 1496.7MHz	1487.694	-69.79	1490.252	-70.06	1480.684	-70.26	dBm/MHz	<=-50	Pass
	1496.7MHz ~ 1510.9MHz	1510.843	-69.86	1498.645	-70.11	1508.245	-70.22	dBm/MHz	<=-50	Pass
	1805MHz ~ 1845MHz	1825.960	-68.36	1838.680	-68.66	1808.080	-68.85	dBm/MHz	<=-30	Pass
	1845MHz ~ 1880MHz	1875.940	-68.21	1872.615	-68.30	1878.285	-68.59	dBm/MHz	<=-50	Pass
	1910MHz ~ 1915.7MHz	1914.566	-67.87	1910.371	-68.04	1913.027	-68.17	dBm/MHz	<=-30	Pass
	2010MHz ~ 2025MHz	2024.250	-66.64	2018.865	-66.91	2024.055	-66.94	dBm/MHz	<=-50	Pass
	2110MHz ~ 2144.4MHz	2121.971	-66.10	2139.240	-66.22	2138.002	-66.47	dBm/MHz	<=-50	Pass
	2114.4MHz ~ 2170MHz	2138.364	-66.08	2150.318	-66.17	2162.994	-66.45	dBm/MHz	<=-50	Pass
	2330MHz ~ 2370MHz	2346.600	-67.58	2338.600	-67.68	2359.440	-67.84	dBm/MHz	<=-30	Pass
	3400MHz ~ 3419.3MHz	3414.186	-71.39	3404.150	-71.49	3409.901	-71.60	dBm/MHz	<=-30	Pass
	3419.3MHz ~ 3500.7MHz	3461.709	-70.54	3451.941	-70.69	3433.382	-70.69	dBm/MHz	<=-30	Pass
	3500.7MHz ~ 3574.7MHz	3570.630	-71.33	3569.446	-71.41	3572.480	-71.48	dBm/MHz	<=-30	Pass
	3574.7MHz ~ 3590.3MHz	3590.097	-71.03	3588.834	-71.02	3586.603	-71.23	dBm/MHz	<=-30	Pass
	3590.3MHz ~ 3600MHz	3599.990	-70.93	3599.981	-70.99	3596.460	-71.10	dBm/MHz	<=-30	Pass
	3600MHz ~ 4100MHz	3824.000	-74.75	3861.000	-74.80	3850.500	-74.78	dBm/MHz	<=-30	Pass
	4500MHz ~ 4900MHz	4822.000	-74.56	4812.400	-74.55	4809.600	-74.52	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	0.060	-52.75	0.092	-53.81	0.072	-53.57	dBm/kHz	<=-36	Pass
	0.15MHz ~ 30MHz	0.150	-47.81	0.150	-52.16	0.150	-51.19	dBm/10kHz	<=-36	Pass
	30MHz ~ 1000MHz	814.800	-46.77	817.400	-46.57	819.900	-47.58	dBm/100kHz	<=-36	Pass
	470MHz ~ 710MHz	520.650	-65.40	526.600	-65.10	543.700	-65.46	dBm/100kHz	<=-36	Pass
	770MHz ~ 773MHz	772.145	-76.09	770.963	-75.93	772.718	-76.33	dBm/100kHz	<=-36	Pass

773MHz ~ 803MHz	774.890	-75.45	780.170	-75.72	778.370	-75.71	dBm/100kHz	<=-36	Pass
860MHz ~ 890MHz	883.130	-62.99	883.640	-62.72	883.760	-62.96	dBm/MHz	<=-40	Pass
945MHz ~ 960MHz	953.325	-76.41	957.180	-76.69	956.625	-76.96	dBm/100kHz	<=-36	Pass
1000MHz ~ 12750MHz	2506.500	-34.50	2511.500	-34.69	2520.000	-34.98	dBm/MHz	<=-30	Pass
1475.9MHz ~ 1496.7MHz	1480.102	-69.83	1489.690	-69.84	1489.940	-69.96	dBm/MHz	<=-50	Pass
1496.7MHz ~ 1510.9MHz	1499.086	-69.82	1503.885	-69.90	1499.384	-69.92	dBm/MHz	<=-50	Pass
1805MHz ~ 1845MHz	1834.560	-68.39	1843.960	-68.34	1838.880	-68.45	dBm/MHz	<=-30	Pass
1845MHz ~ 1880MHz	1879.860	-68.08	1879.755	-68.13	1877.200	-68.22	dBm/MHz	<=-50	Pass
1906.6MHz ~ 1915.7MHz	1910.422	-67.74	1907.719	-67.81	1915.409	-67.85	dBm/MHz	<=-30	Pass
2010MHz ~ 2025MHz	2024.700	-66.71	2019.345	-66.72	2023.875	-66.80	dBm/MHz	<=-50	Pass
2110MHz ~ 2144.4MHz	2129.402	-66.13	2125.858	-66.00	2138.277	-66.06	dBm/MHz	<=-50	Pass
2114.4MHz ~ 2170MHz	2153.431	-65.89	2130.079	-66.01	2151.986	-66.12	dBm/MHz	<=-50	Pass
2330MHz ~ 2370MHz	2332.120	-67.56	2349.320	-67.56	2334.200	-67.52	dBm/MHz	<=-30	Pass
3400MHz ~ 3419.3MHz	3416.482	-71.33	3410.326	-71.38	3407.624	-71.38	dBm/MHz	<=-30	Pass
3419.3MHz ~ 3500.7MHz	3461.302	-70.67	3438.673	-70.58	3433.626	-70.42	dBm/MHz	<=-30	Pass
3500.7MHz ~ 3574.7MHz	3574.256	-71.26	3573.738	-71.32	3564.340	-71.30	dBm/MHz	<=-30	Pass
3574.7MHz ~ 3590.3MHz	3589.567	-71.03	3587.835	-71.02	3589.458	-71.08	dBm/MHz	<=-30	Pass
3590.3MHz ~ 3600MHz	3599.952	-70.83	3593.356	-70.89	3599.709	-70.89	dBm/MHz	<=-30	Pass
3600MHz ~ 4100MHz	3857.000	-74.72	3839.000	-74.71	3850.500	-74.73	dBm/MHz	<=-30	Pass
4500MHz ~ 4900MHz	4827.600	-74.41	4833.600	-74.45	4805.600	-74.52	dBm/MHz	<=-30	Pass

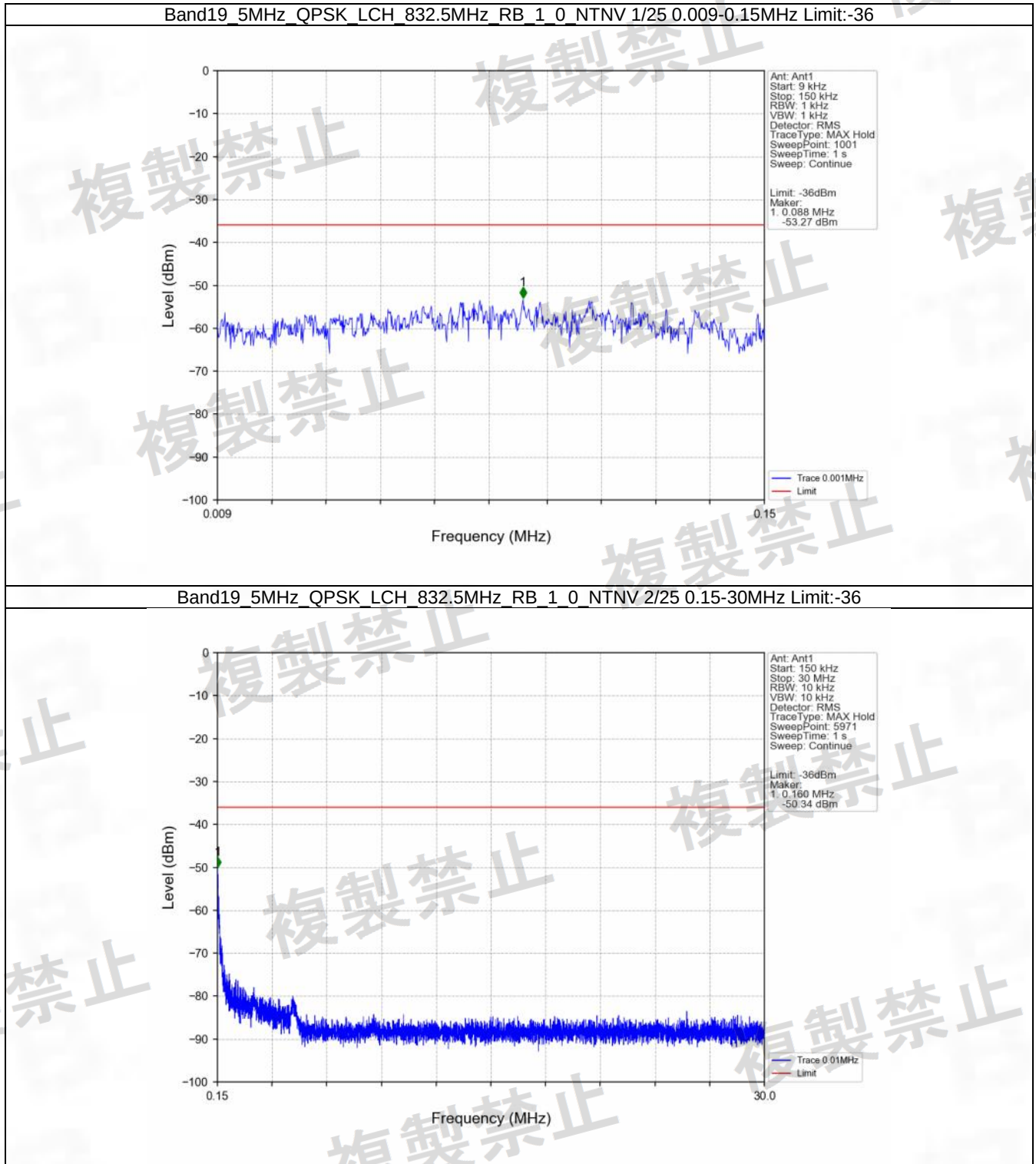
6.1.3 B19_15MHz

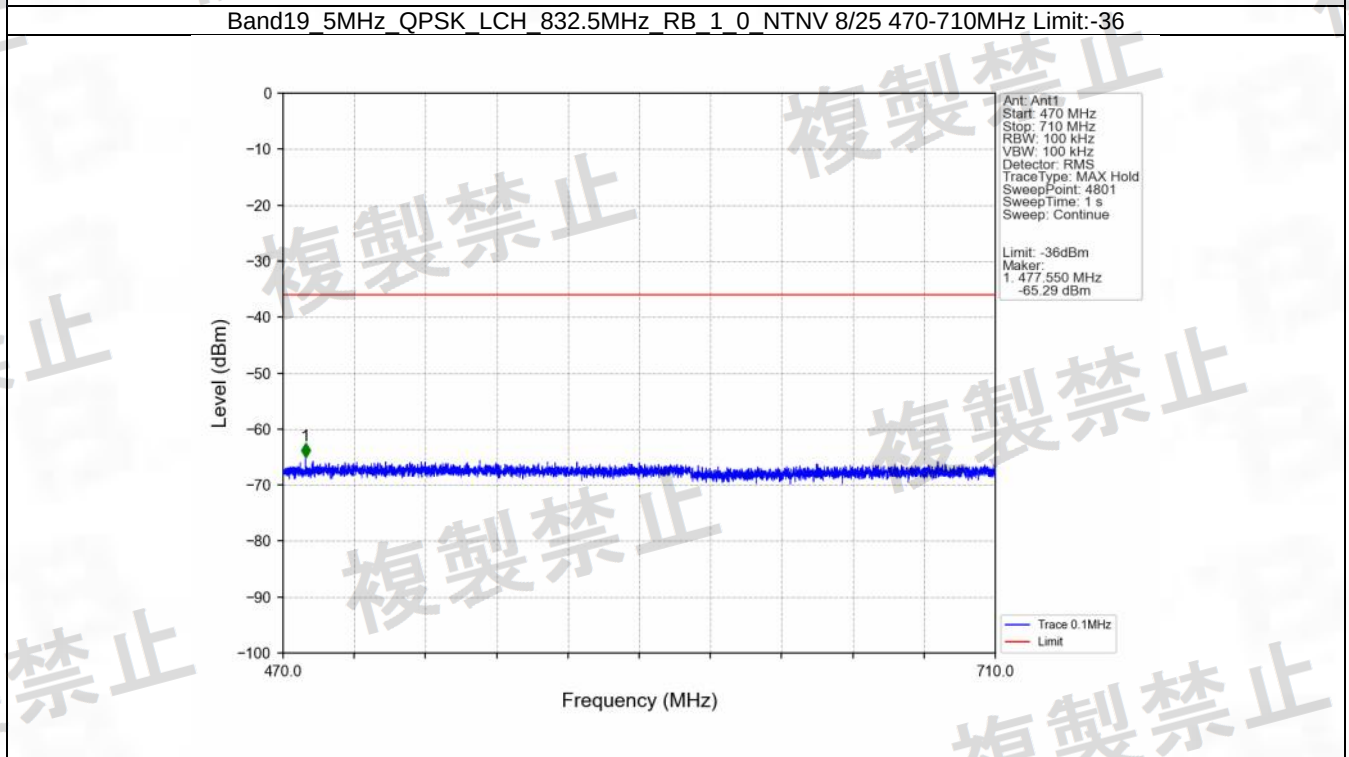
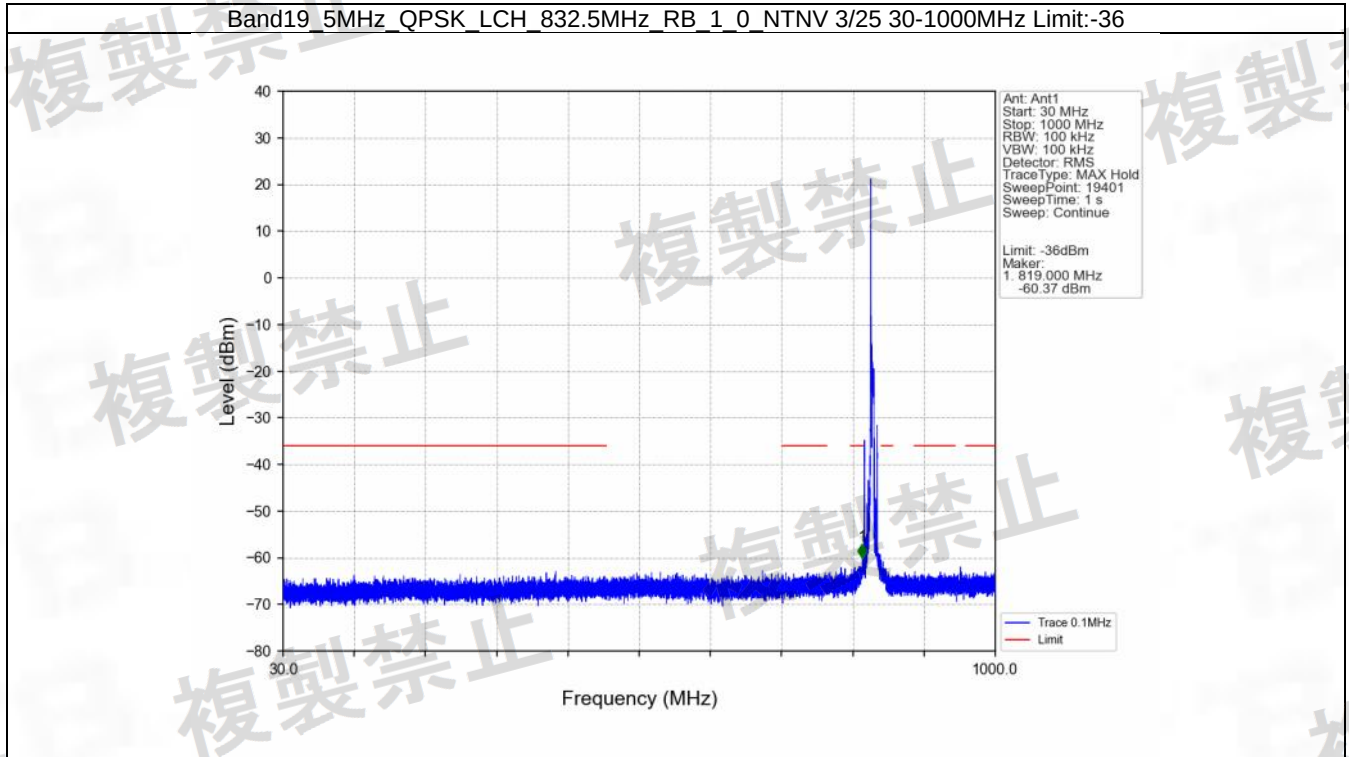
Band: 19 / Bandwidth: 15MHz										
Bandwidth (MHz)	Channel Number	24075						Unit	Limit	Result
	Frequency Center (MHz)	837.5								
	Measured Value	Freq. (MHz)	Level	Freq. (MHz)	Level	Freq. (MHz)	Level			
15	0.009MHz ~ 0.15MHz	/	/	0.091	-52.72	/	/	dBm/kHz	<=-36	Pass
	0.15MHz ~ 30MHz	/	/	5.505	-50.22	/	/	dBm/10kHz	<=-36	Pass
	30MHz ~ 1000MHz	/	/	808.050	-46.70	/	/	dBm/100kHz	<=-36	Pass
	470MHz ~ 710MHz	/	/	585.000	-64.90	/	/	dBm/100kHz	<=-36	Pass
	770MHz ~ 773MHz	/	/	772.265	-76.01	/	/	dBm/100kHz	<=-36	Pass
	773MHz ~ 803MHz	/	/	775.670	-75.73	/	/	dBm/100kHz	<=-36	Pass
	860MHz ~ 890MHz	/	/	883.460	-63.09	/	/	dBm/MHz	<=-40	Pass
	945MHz ~ 960MHz	/	/	953.790	-76.50	/	/	dBm/100kHz	<=-36	Pass
	1000MHz ~ 12750MHz	/	/	2512.000	-34.93	/	/	dBm/MHz	<=-30	Pass
	1475.9MHz ~ 1496.7MHz	/	/	1491.209	-69.79	/	/	dBm/MHz	<=-50	Pass
	1496.7MHz ~ 1510.9MHz	/	/	1499.469	-69.90	/	/	dBm/MHz	<=-50	Pass
	1805MHz ~ 1845MHz	/	/	1842.400	-68.42	/	/	dBm/MHz	<=-30	Pass
	1845MHz ~ 1880MHz	/	/	1876.290	-68.17	/	/	dBm/MHz	<=-50	Pass
	1906.6MHz ~ 1915.7MHz	/	/	1910.568	-67.90	/	/	dBm/MHz	<=-30	Pass
	2010MHz ~ 2025MHz	/	/	2023.425	-66.70	/	/	dBm/MHz	<=-50	Pass
	2110MHz ~ 2144.4MHz	/	/	2140.100	-66.09	/	/	dBm/MHz	<=-50	Pass
	2114.4MHz ~ 2170MHz	/	/	2141.588	-66.09	/	/	dBm/MHz	<=-50	Pass
	2330MHz ~ 2370MHz	/	/	2330.880	-67.63	/	/	dBm/MHz	<=-30	Pass
	3400MHz ~ 3419.3MHz	/	/	3417.544	-71.35	/	/	dBm/MHz	<=-30	Pass
	3419.3MHz ~ 3500.7MHz	/	/	3434.359	-70.56	/	/	dBm/MHz	<=-30	Pass

3500.7MHz ~ 3574.7MHz	/	/	3573.294	-71.28	/	/	dBm/MHz	<=-30	Pass
3574.7MHz ~ 3590.3MHz	/	/	3589.520	-70.97	/	/	dBm/MHz	<=-30	Pass
3590.3MHz ~ 3600MHz	/	/	3599.011	-70.89	/	/	dBm/MHz	<=-30	Pass
3600MHz ~ 4100MHz	/	/	3890.500	-74.71	/	/	dBm/MHz	<=-30	Pass
4500MHz ~ 4900MHz	/	/	4828.400	-74.44	/	/	dBm/MHz	<=-30	Pass

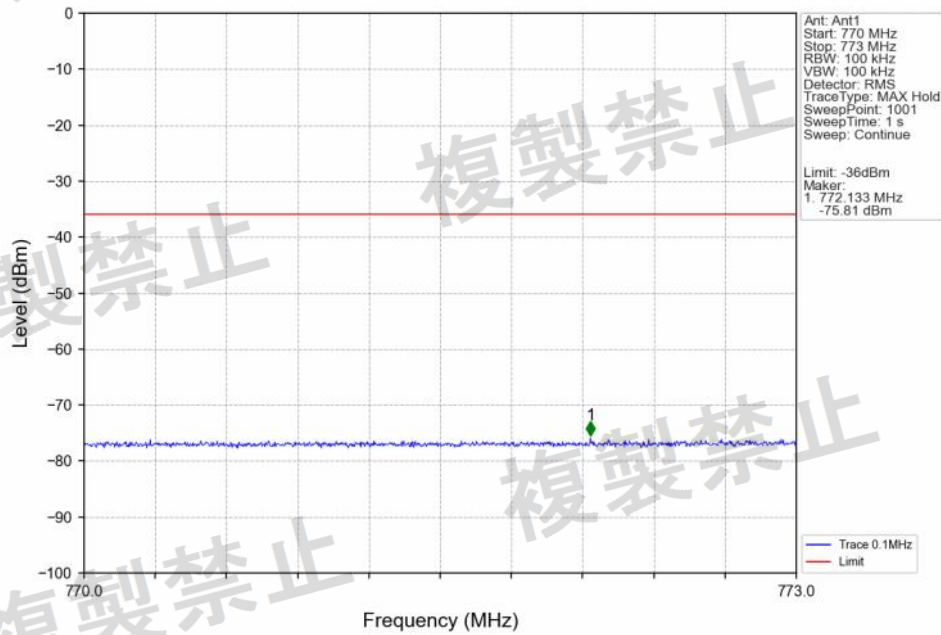
6.2 Test Graph

6.2.1 B19_5MHz

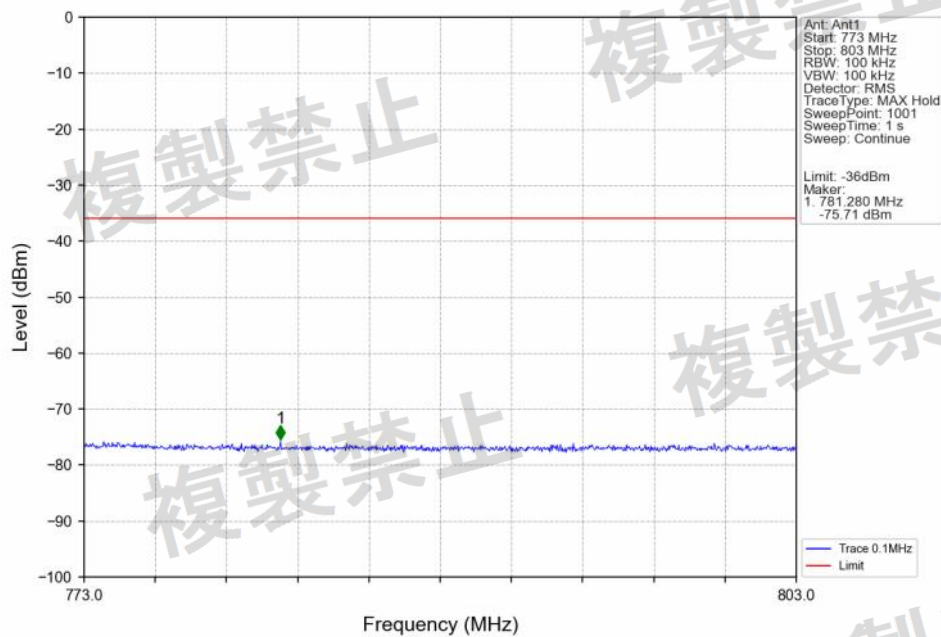


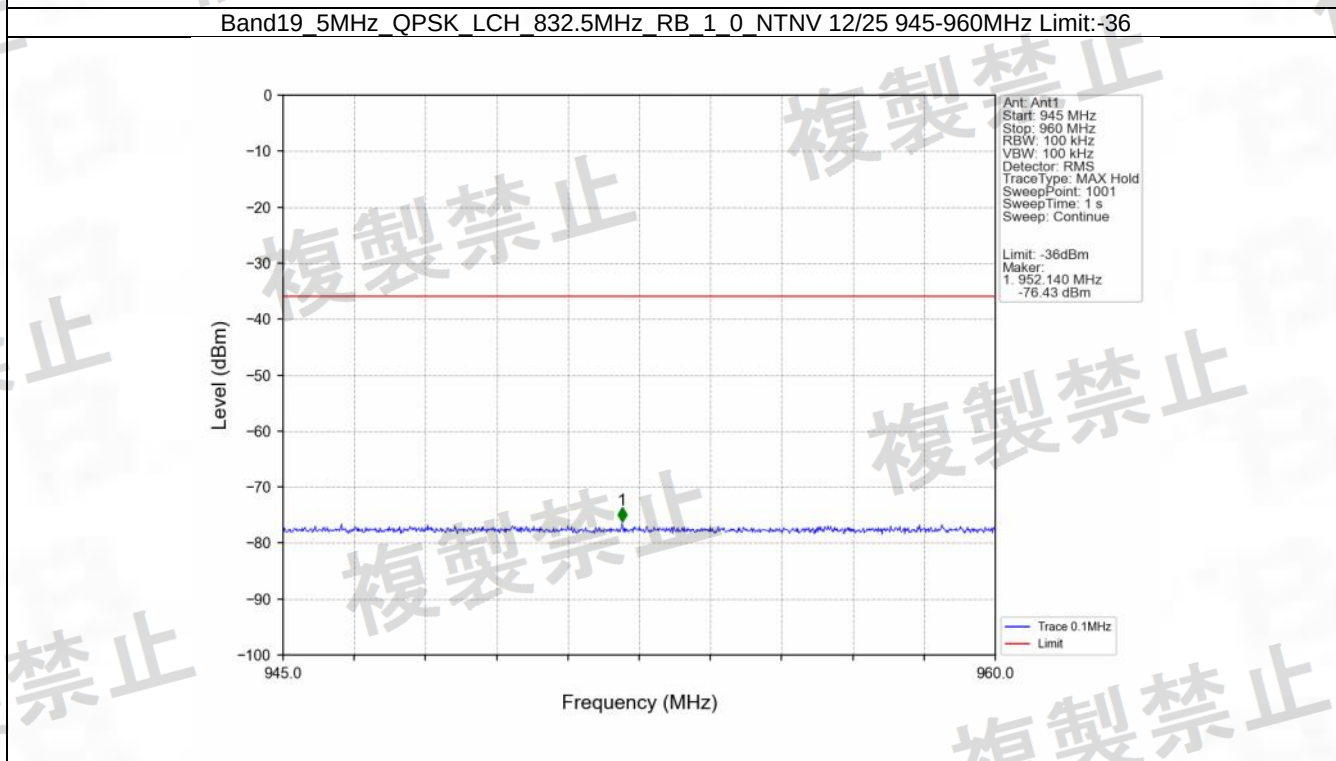
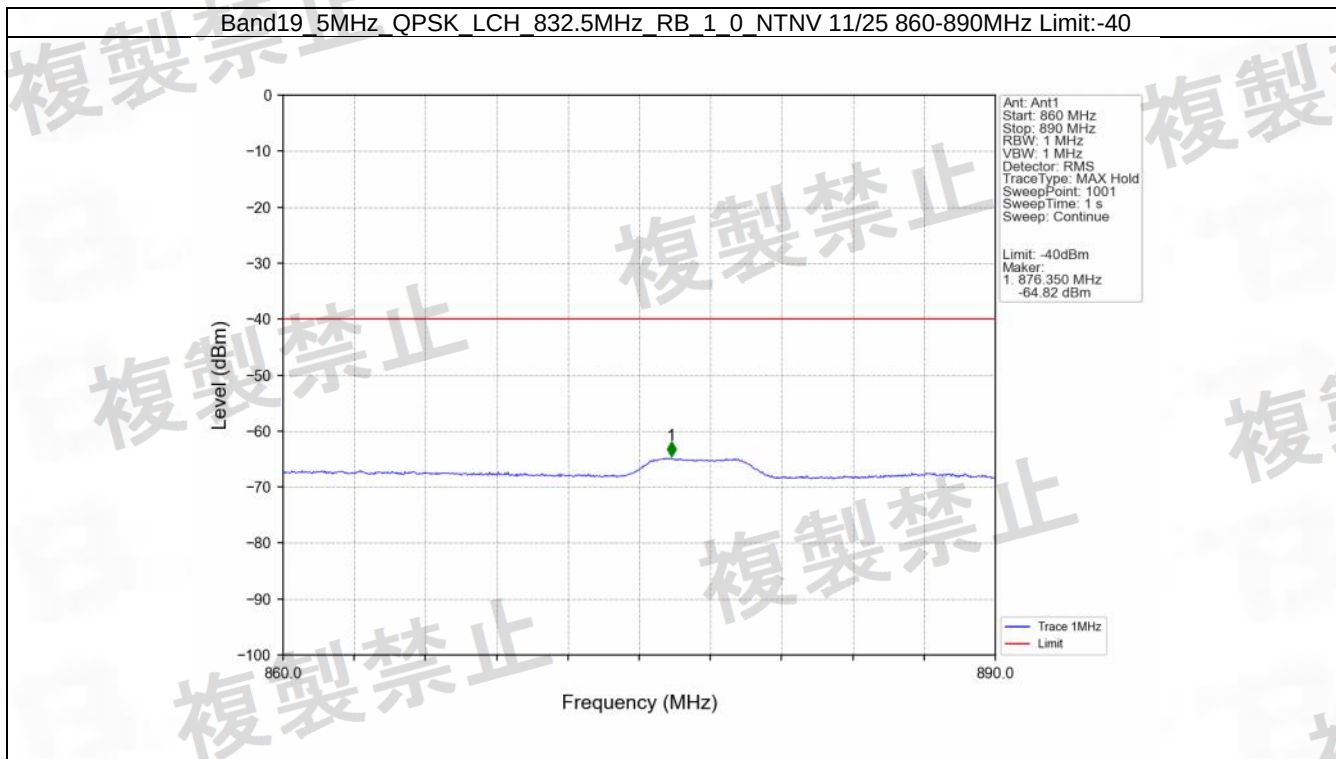


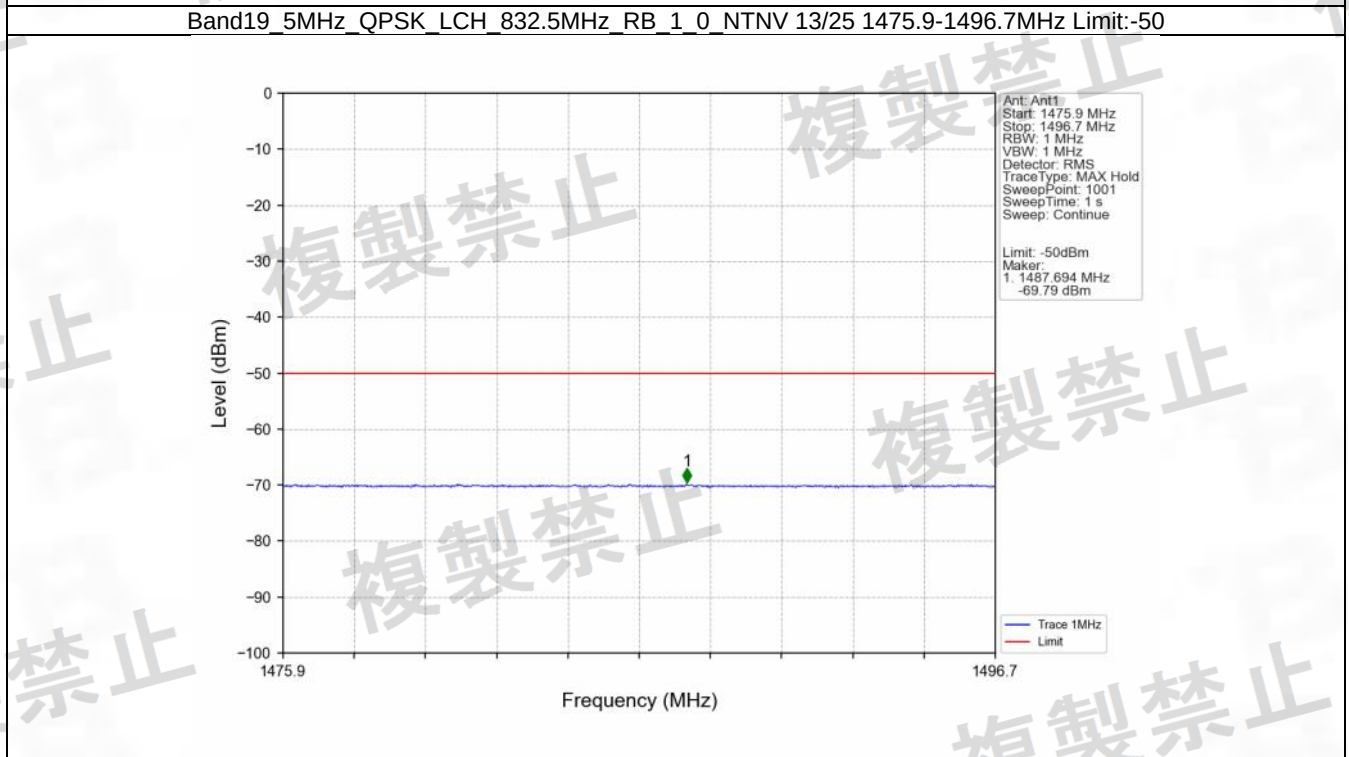
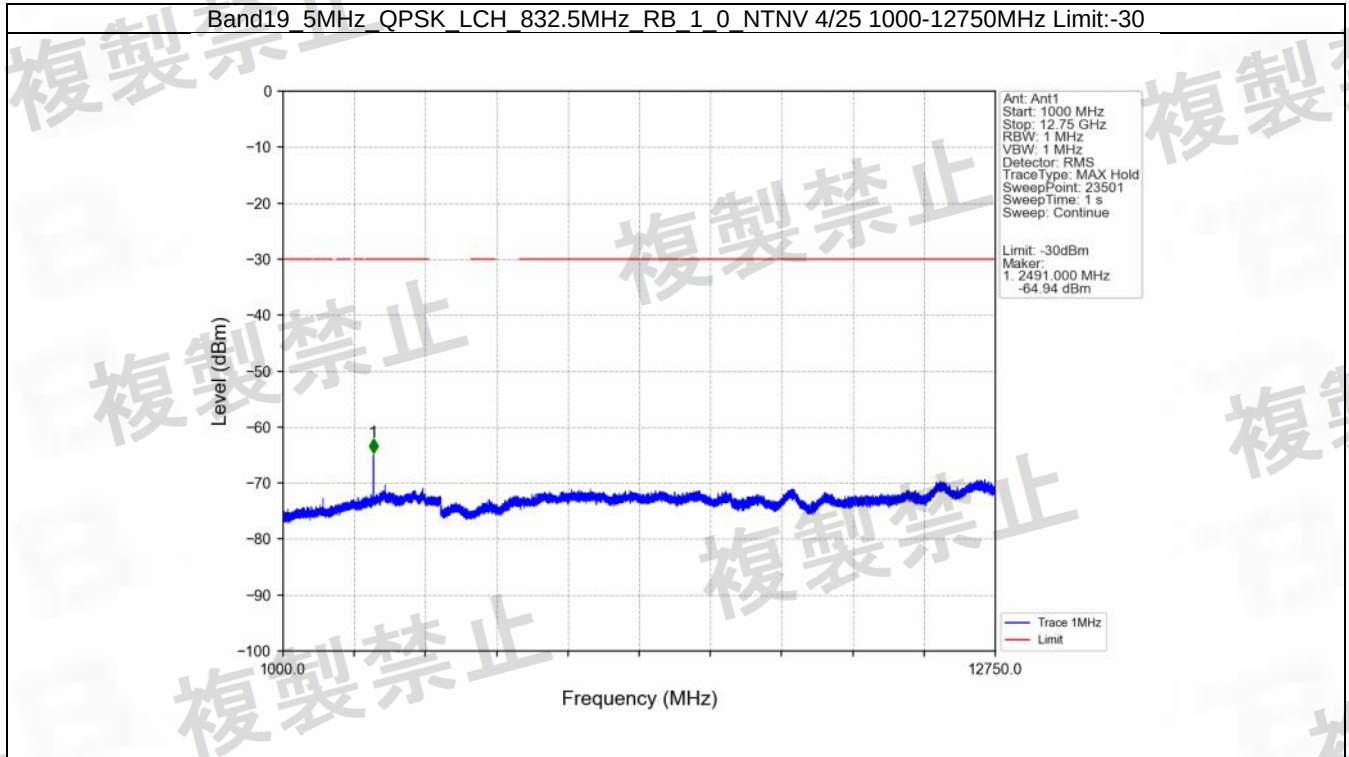
Band19_5MHz_QPSK_LCH_832.5MHz_RB_1_0_NTNV_9/25_770-773MHz_Limit:-36

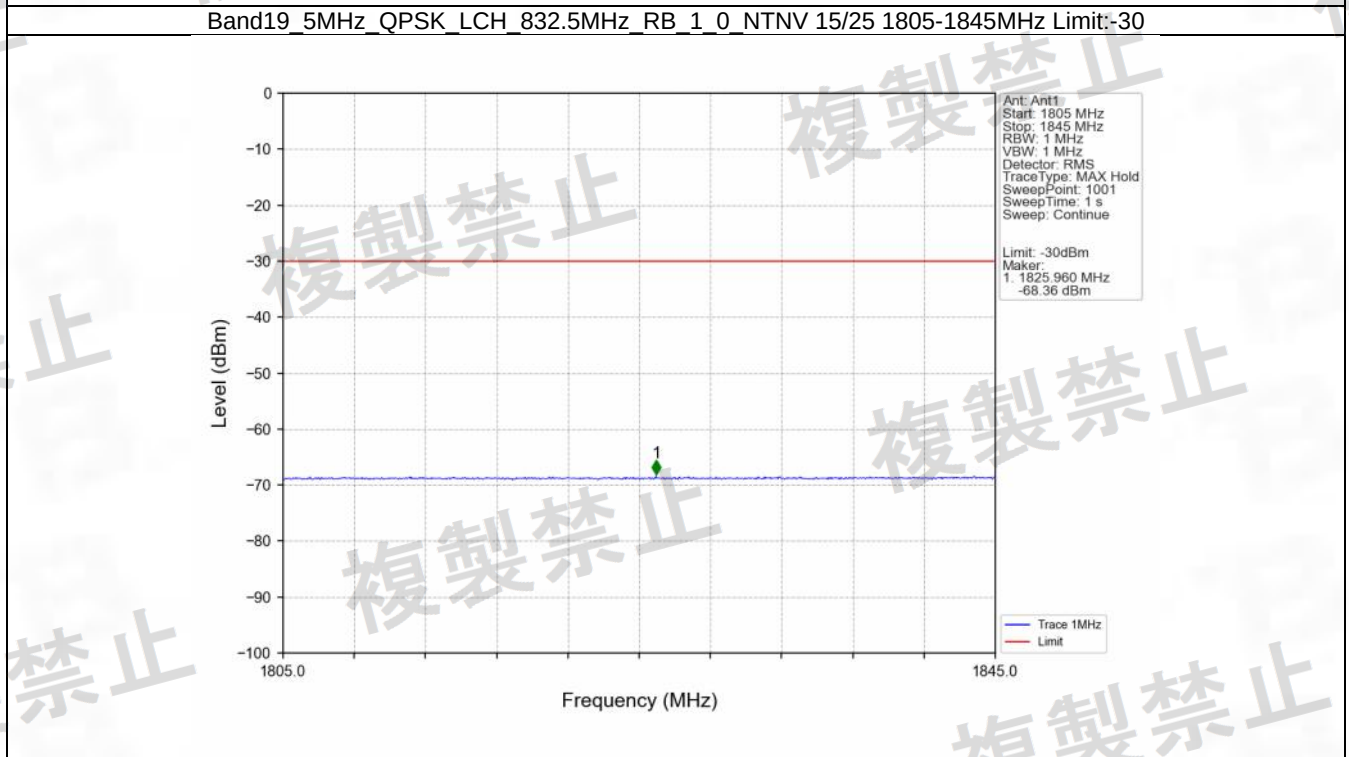
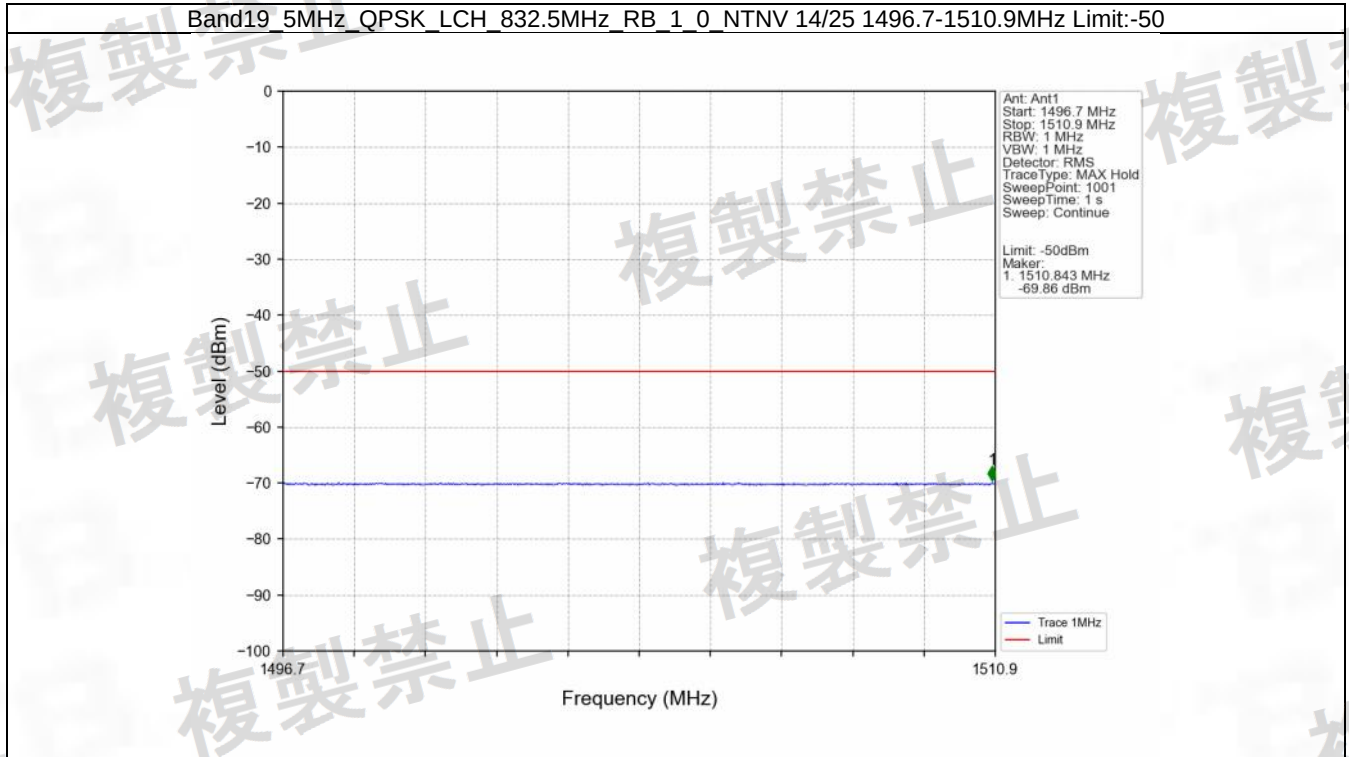


Band19_5MHz_QPSK_LCH_832.5MHz_RB_1_0_NTNV_10/25_773-803MHz_Limit:-36

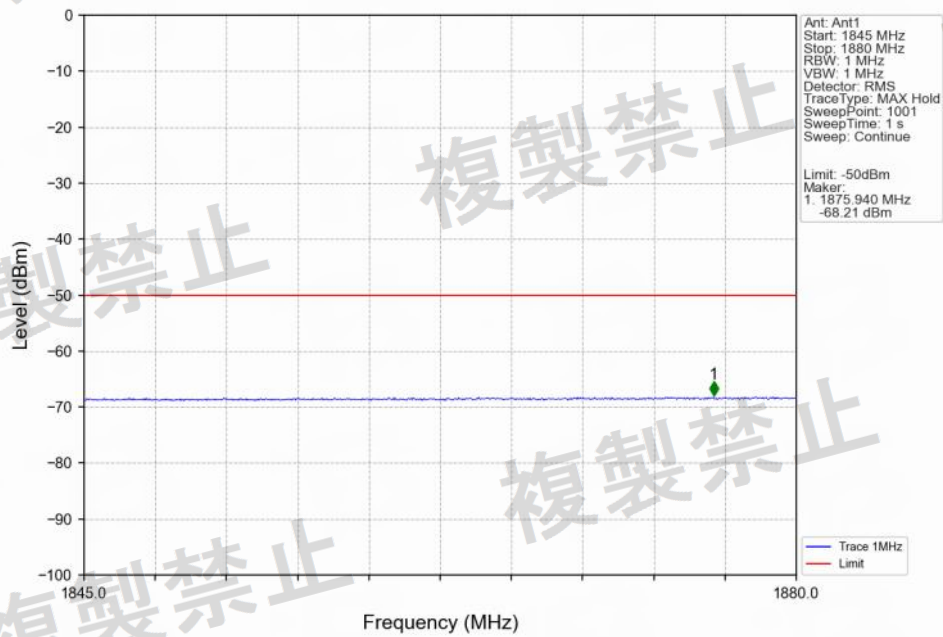




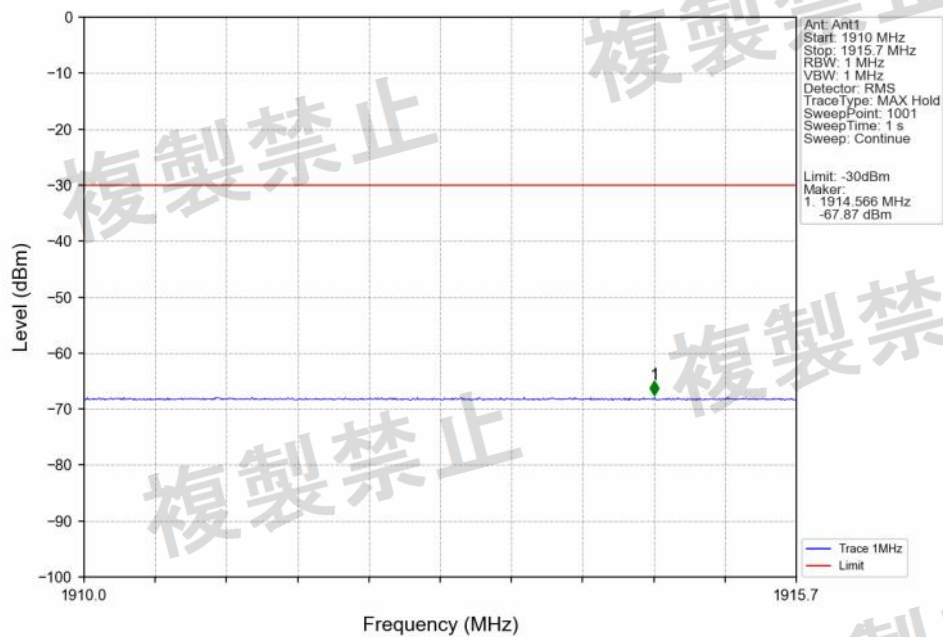




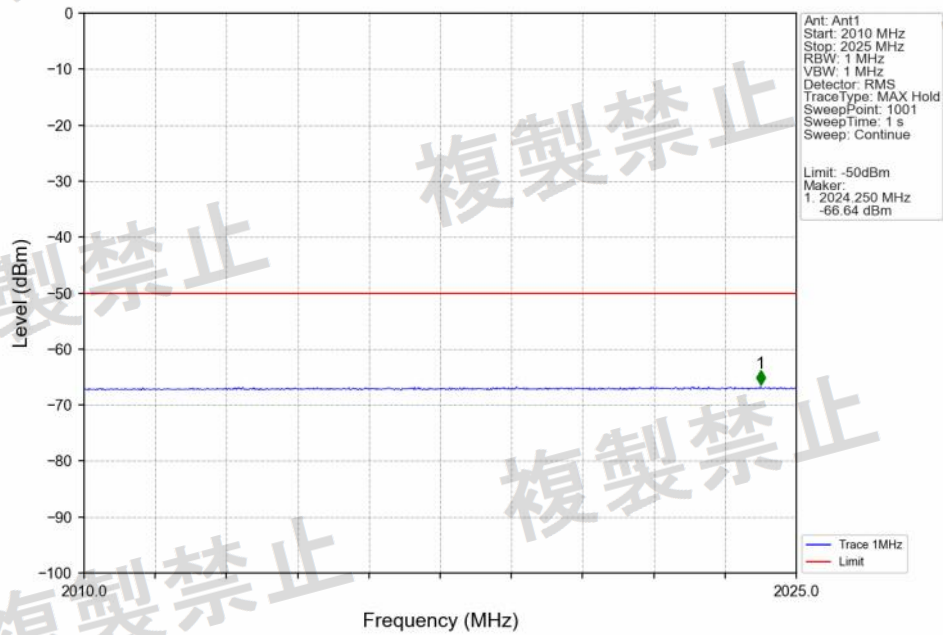
Band19 5MHz QPSK LCH 832.5MHz RB 1 0 NTNV 5/25 1845-1880MHz Limit:-50



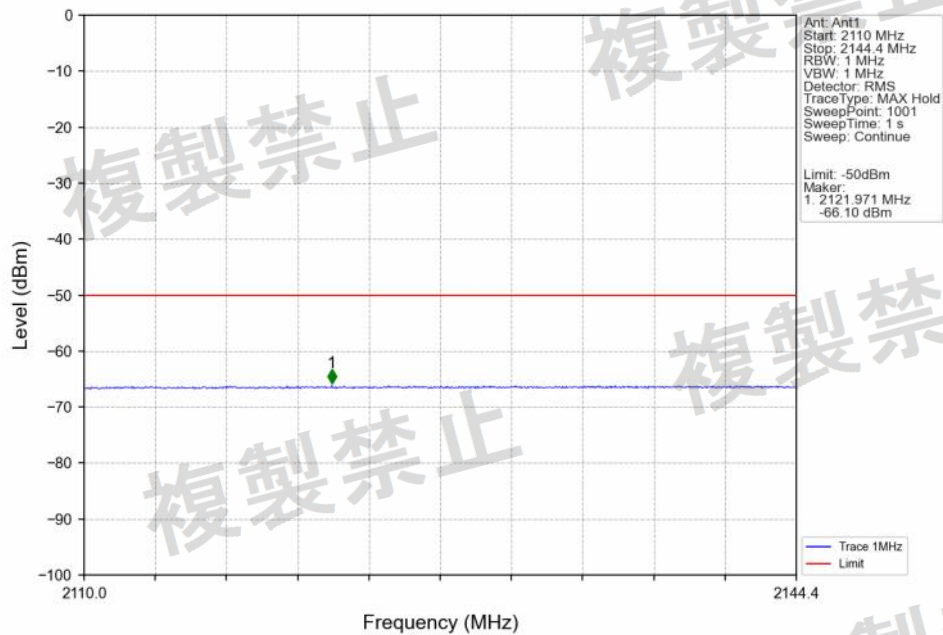
Band19 5MHz QPSK LCH 832.5MHz RB 1 0 NTNV 16/25 1910-1915.7MHz Limit:-30

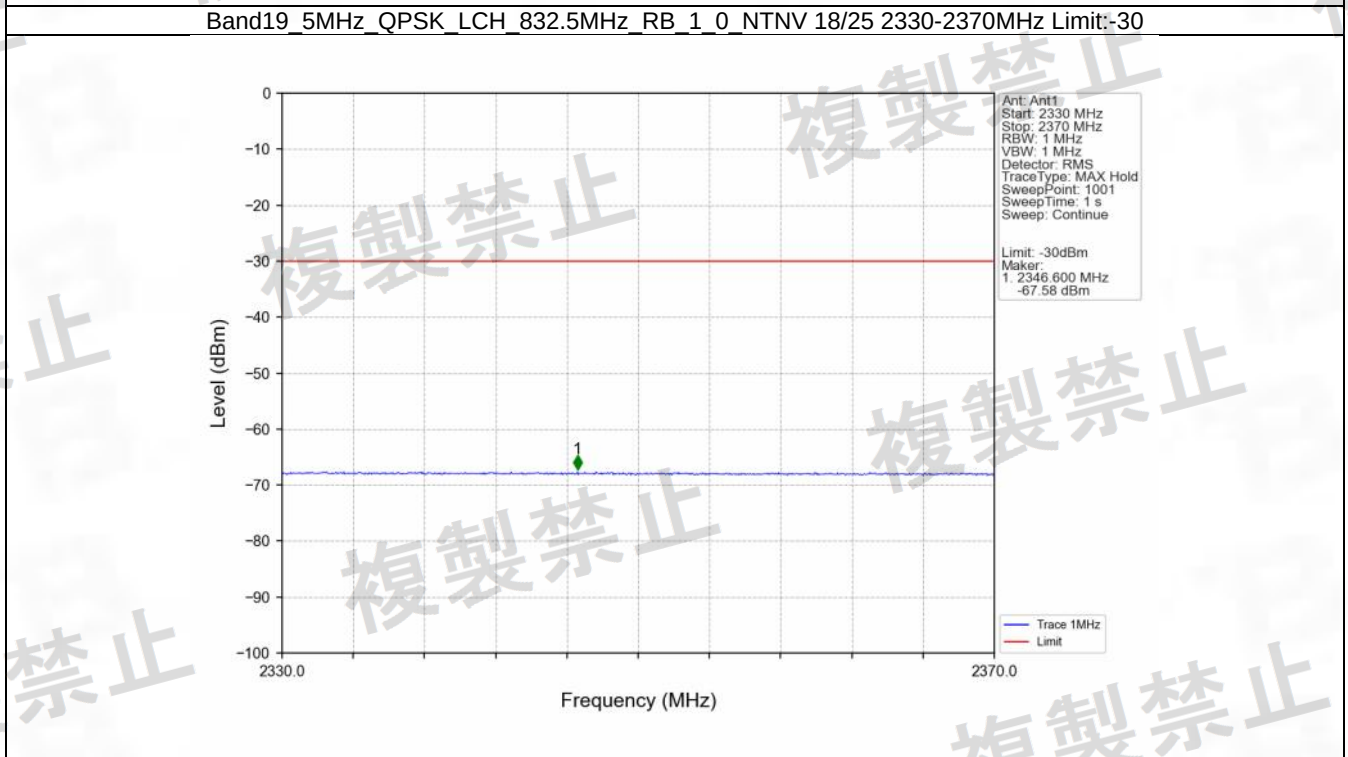
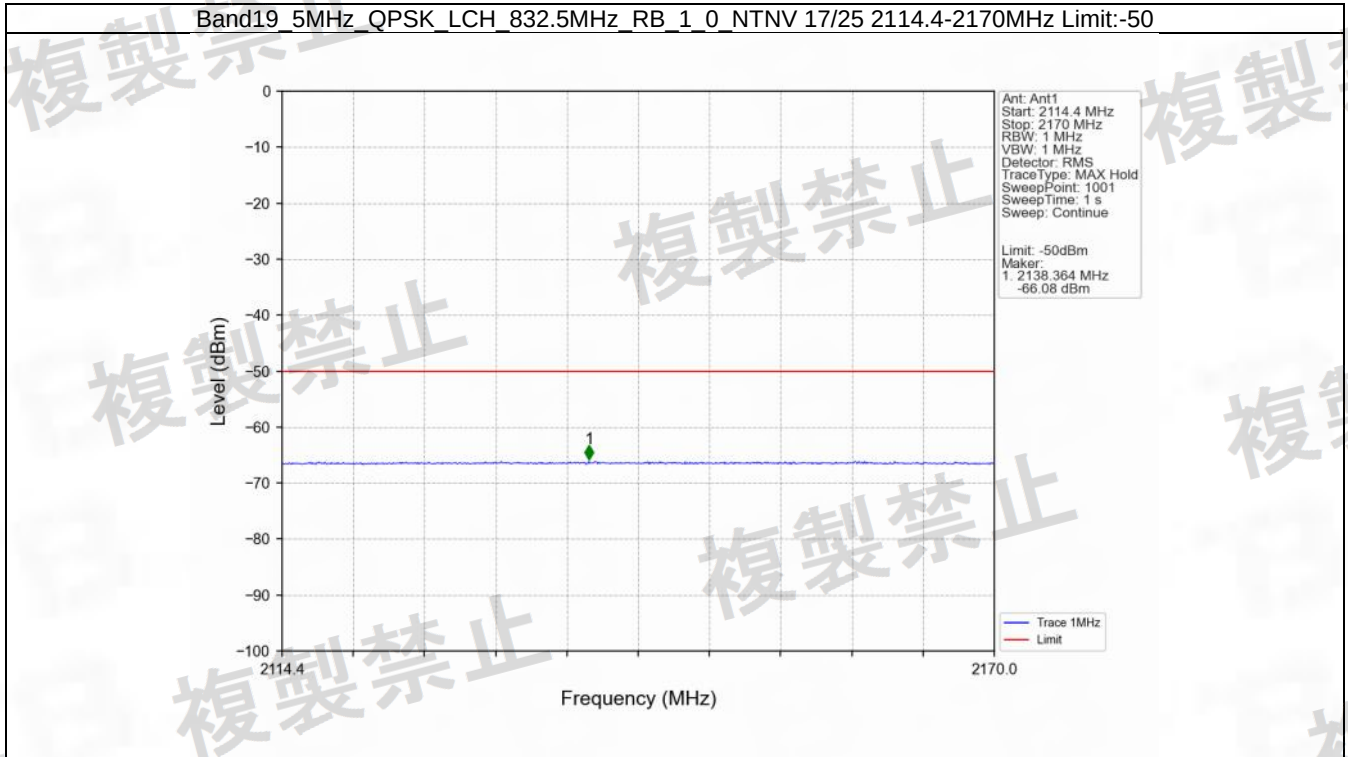


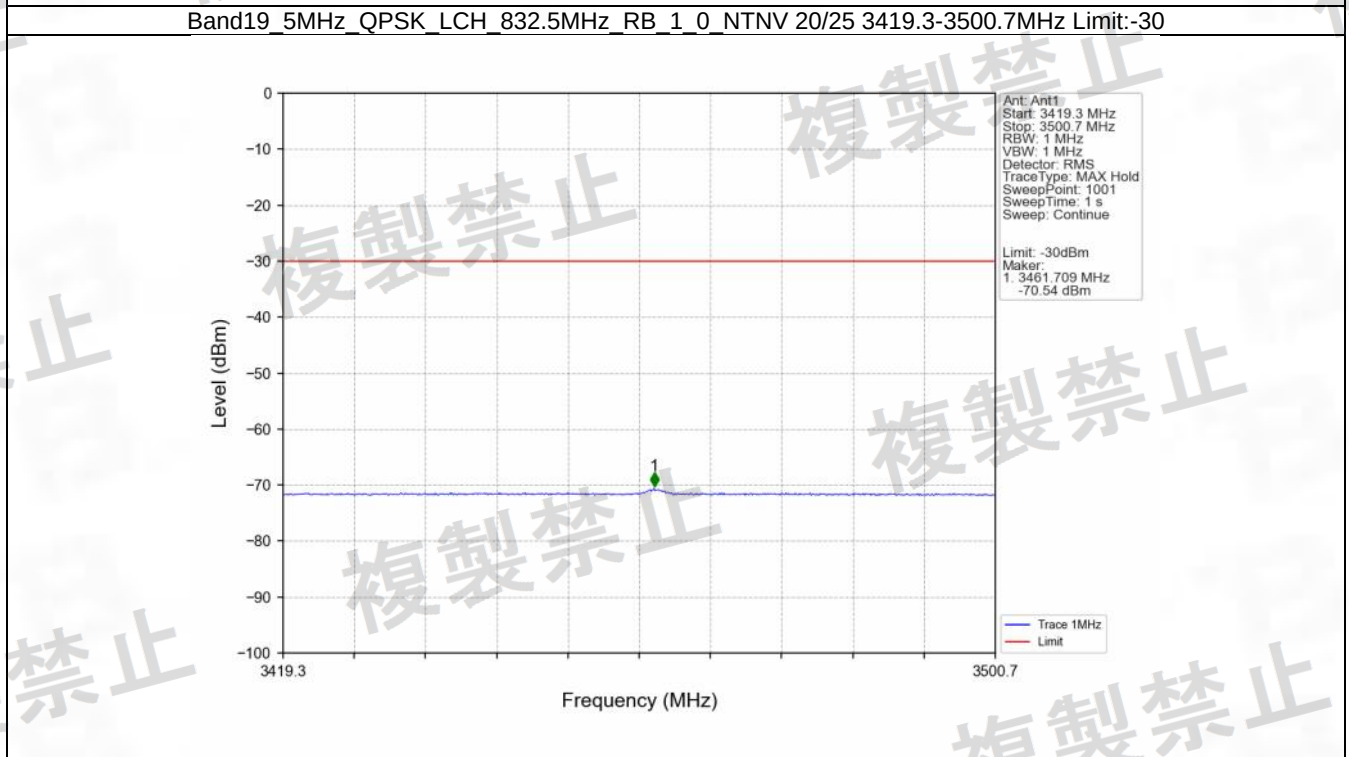
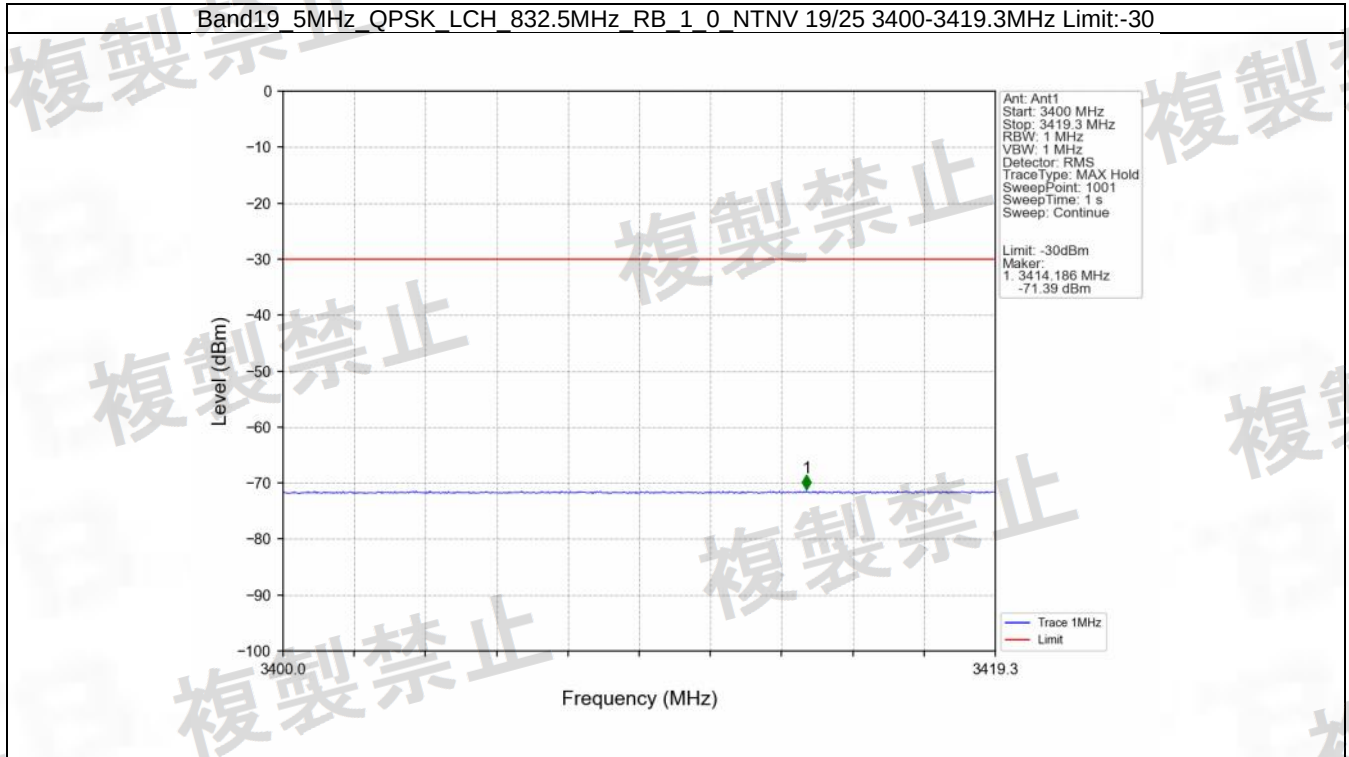
Band19 5MHz QPSK LCH 832.5MHz RB 1 0 NTN 6/25 2010-2025MHz Limit:-50

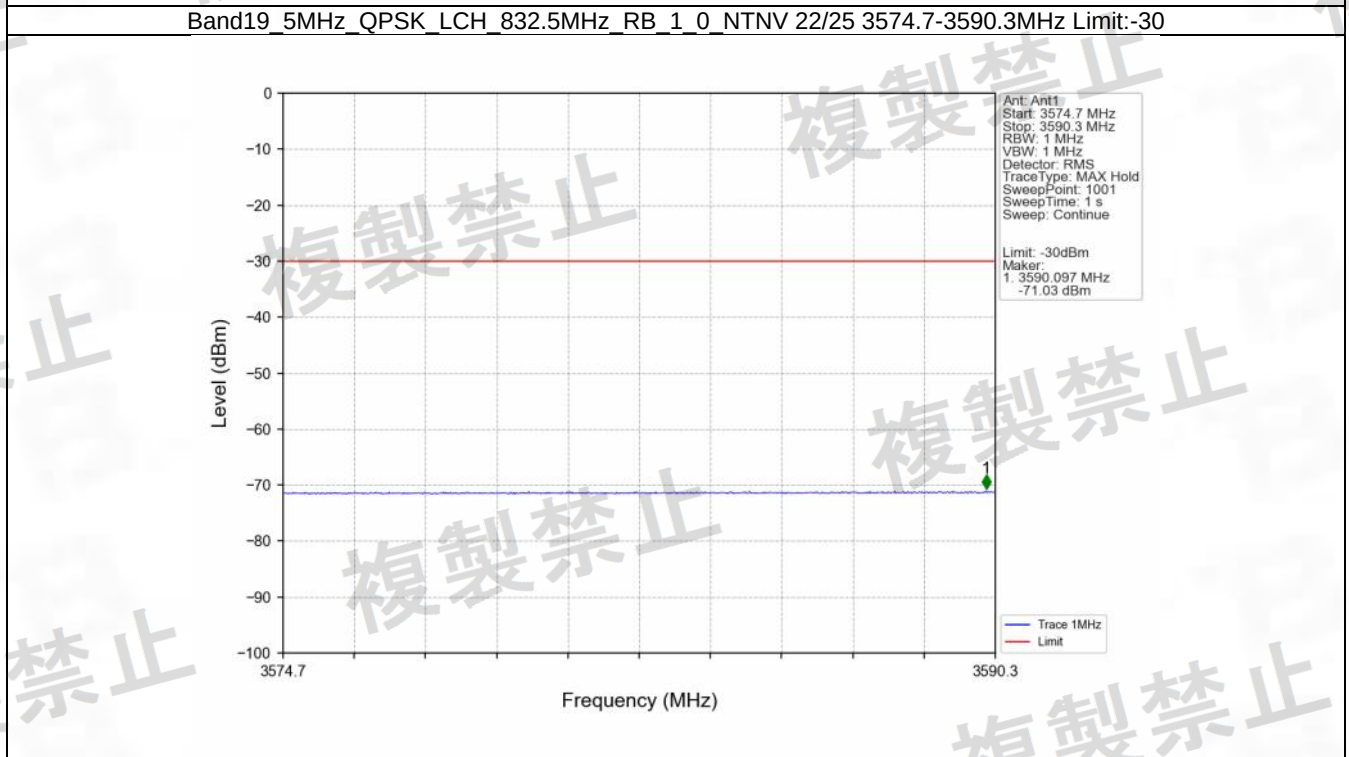
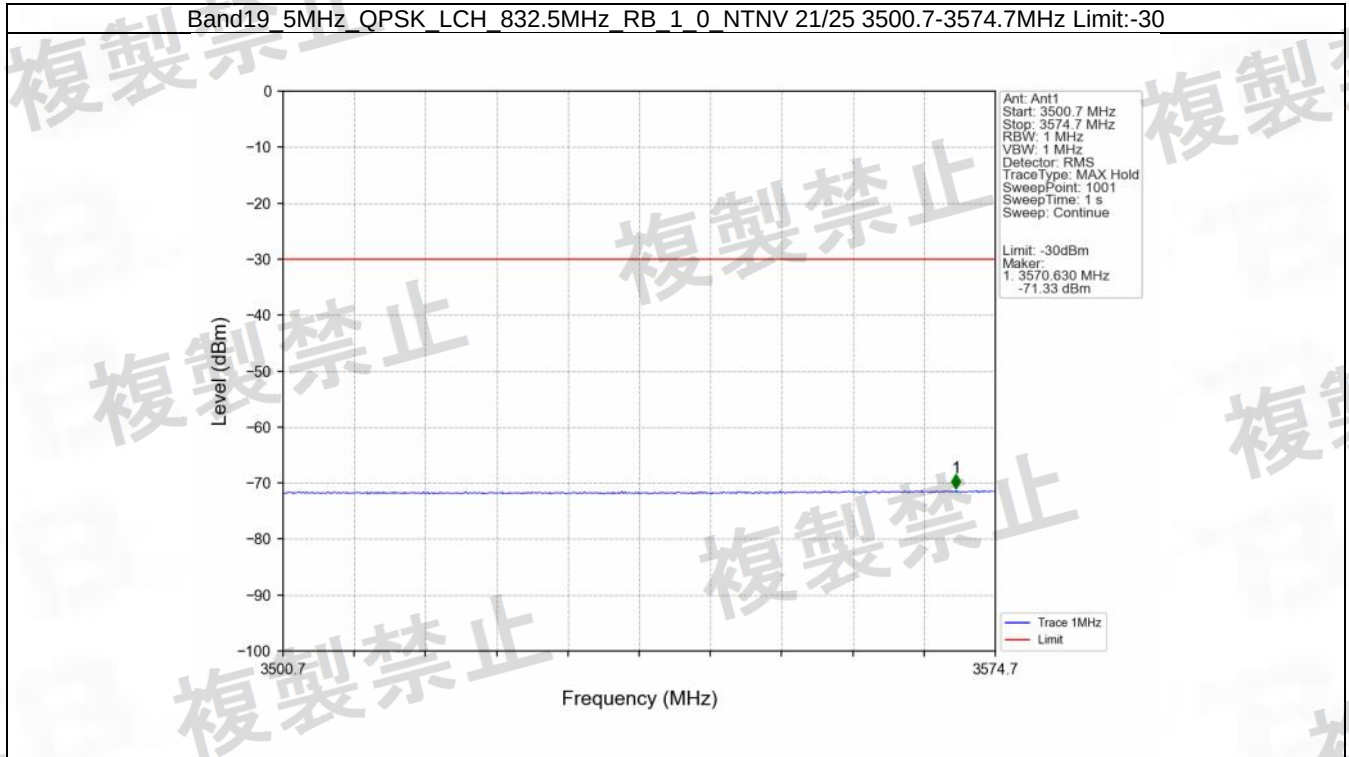


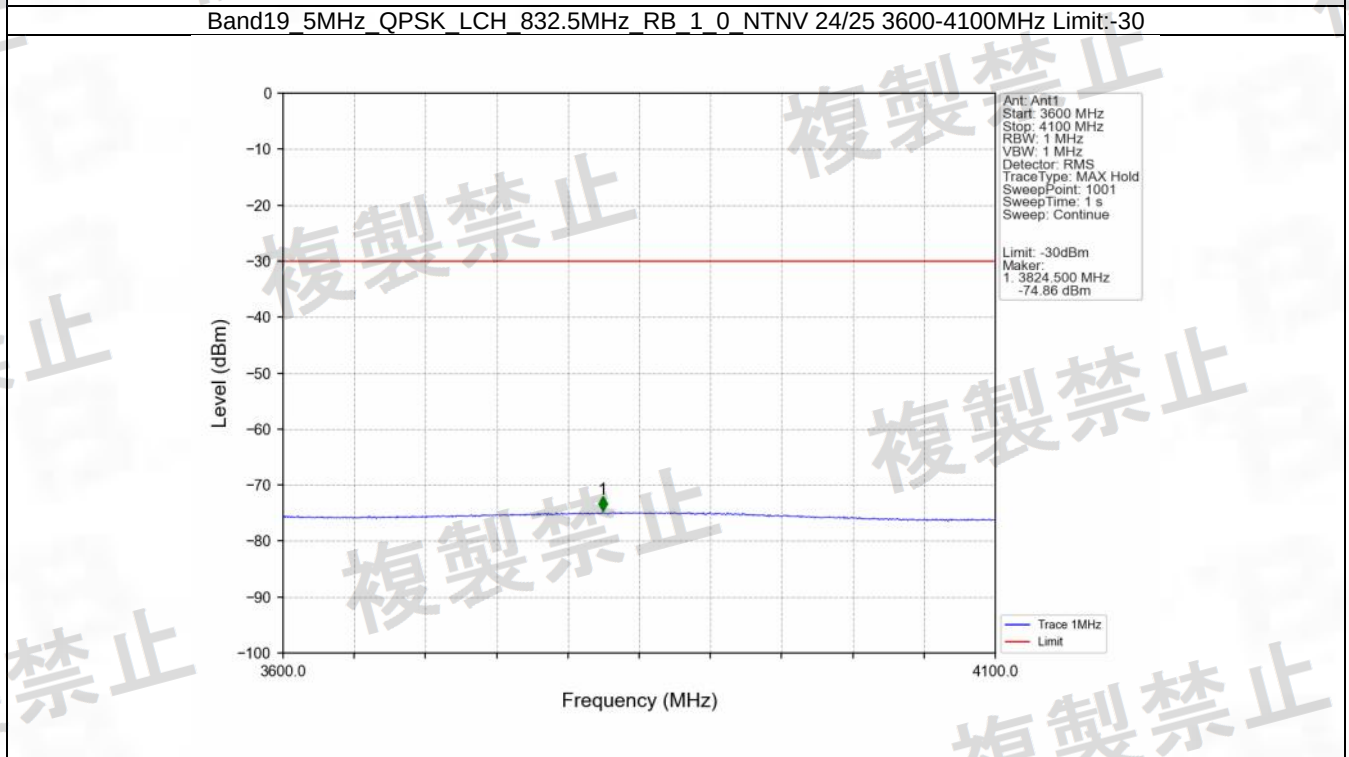
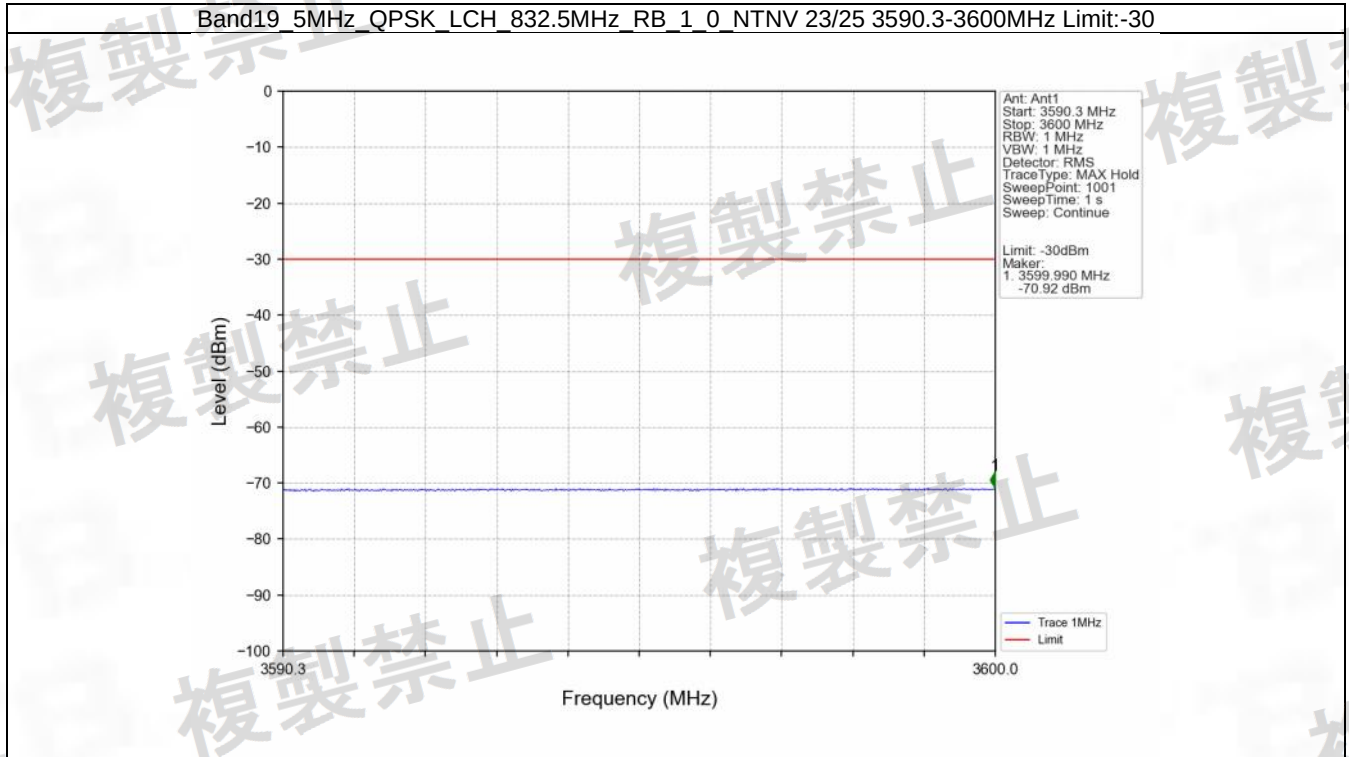
Band19 5MHz QPSK LCH 832.5MHz RB 1 0 NTN 7/25 2110-2144.4MHz Limit:-50

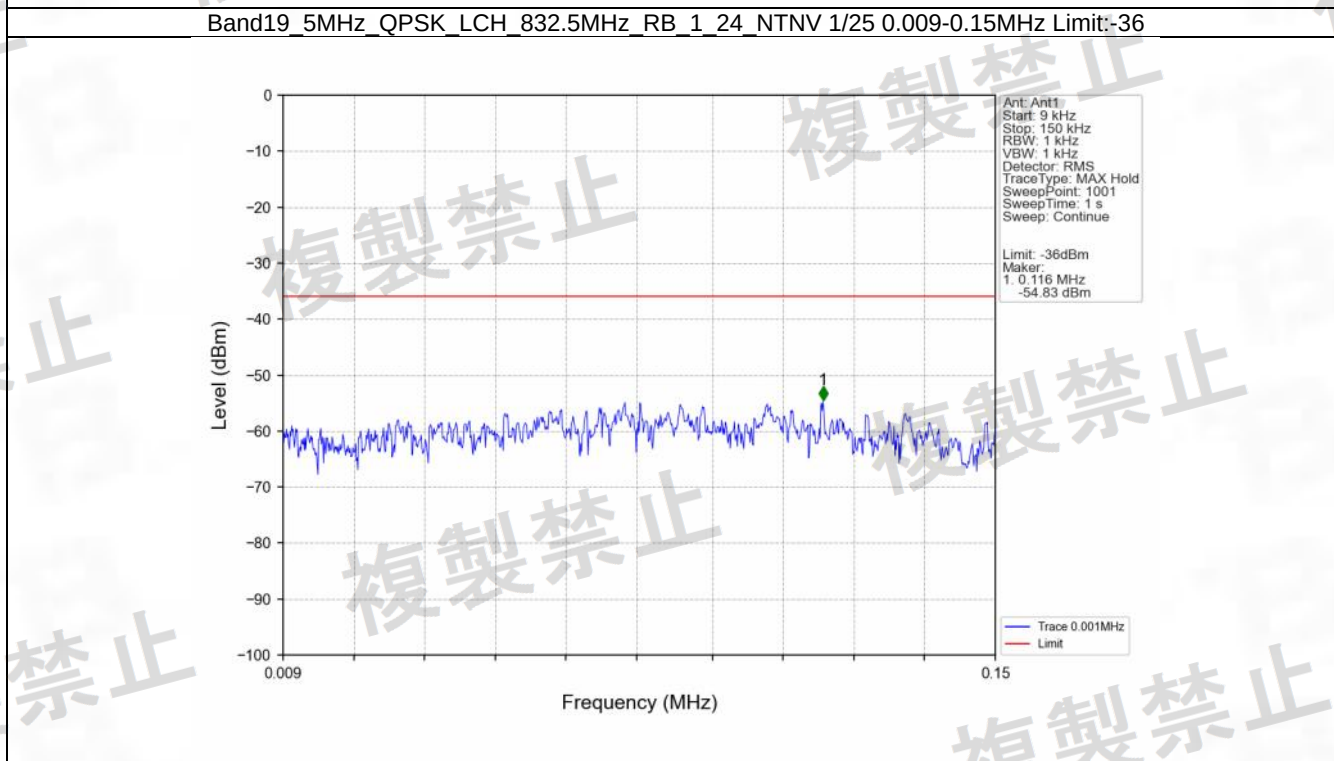
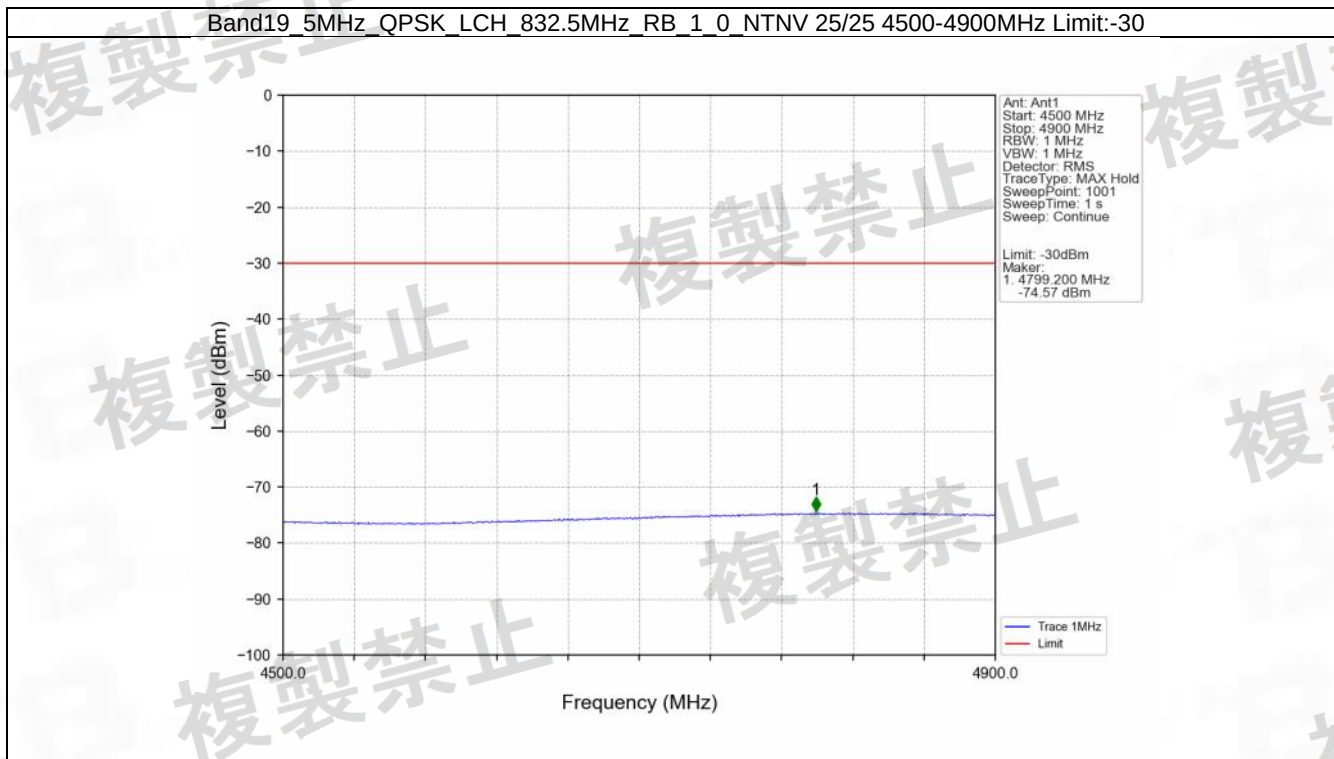


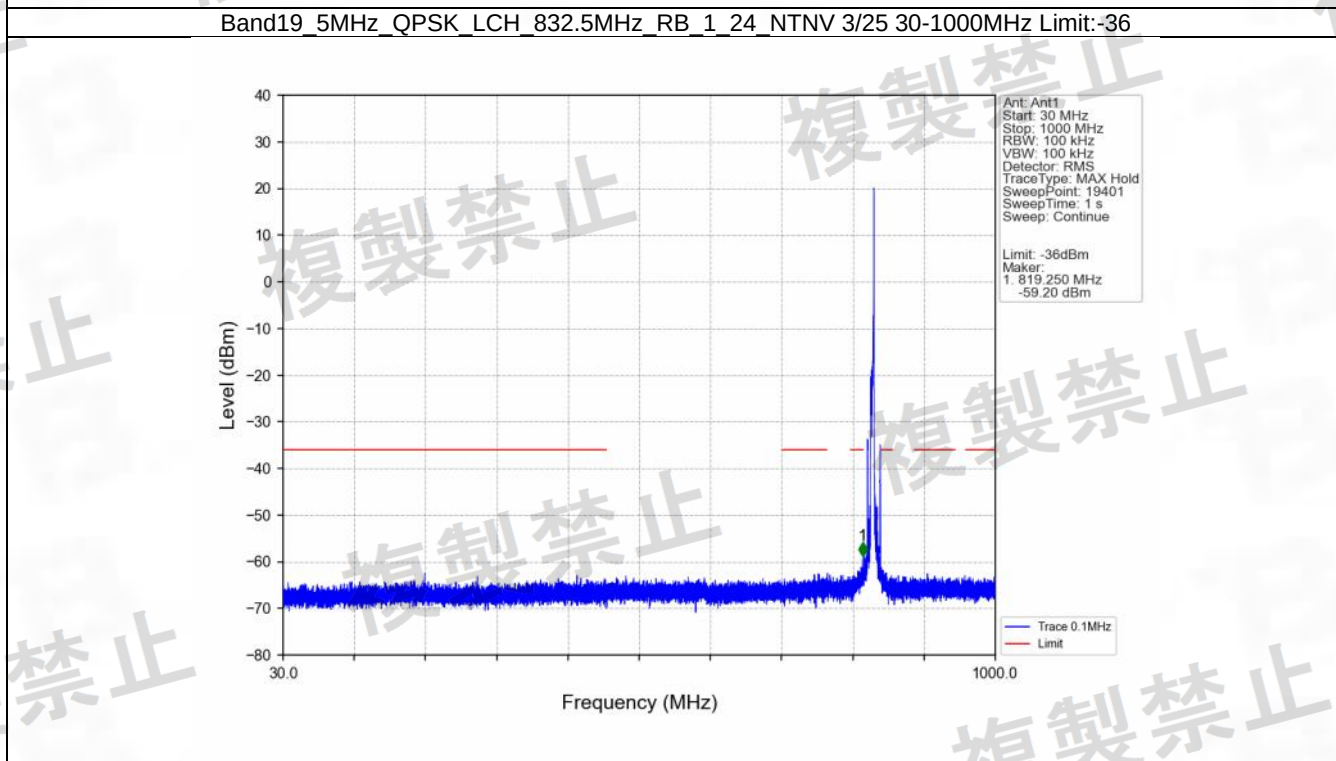
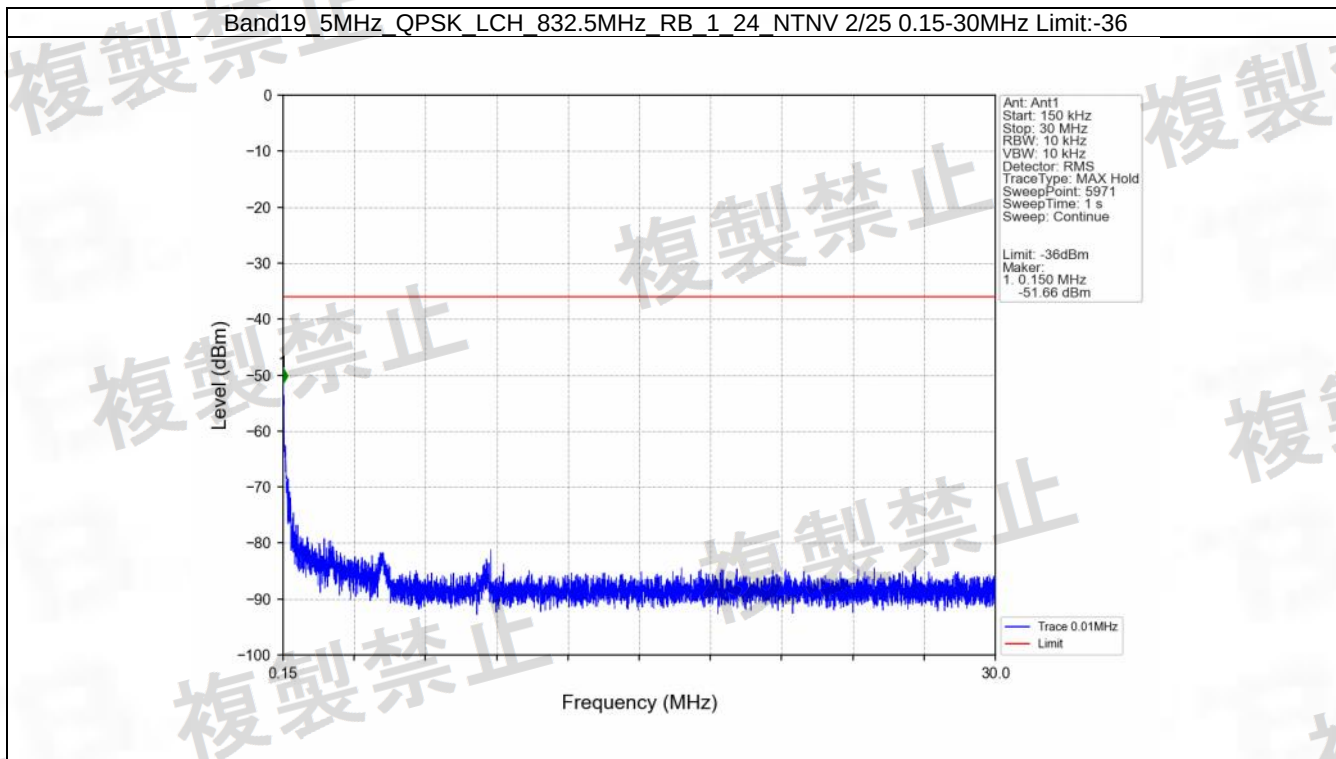


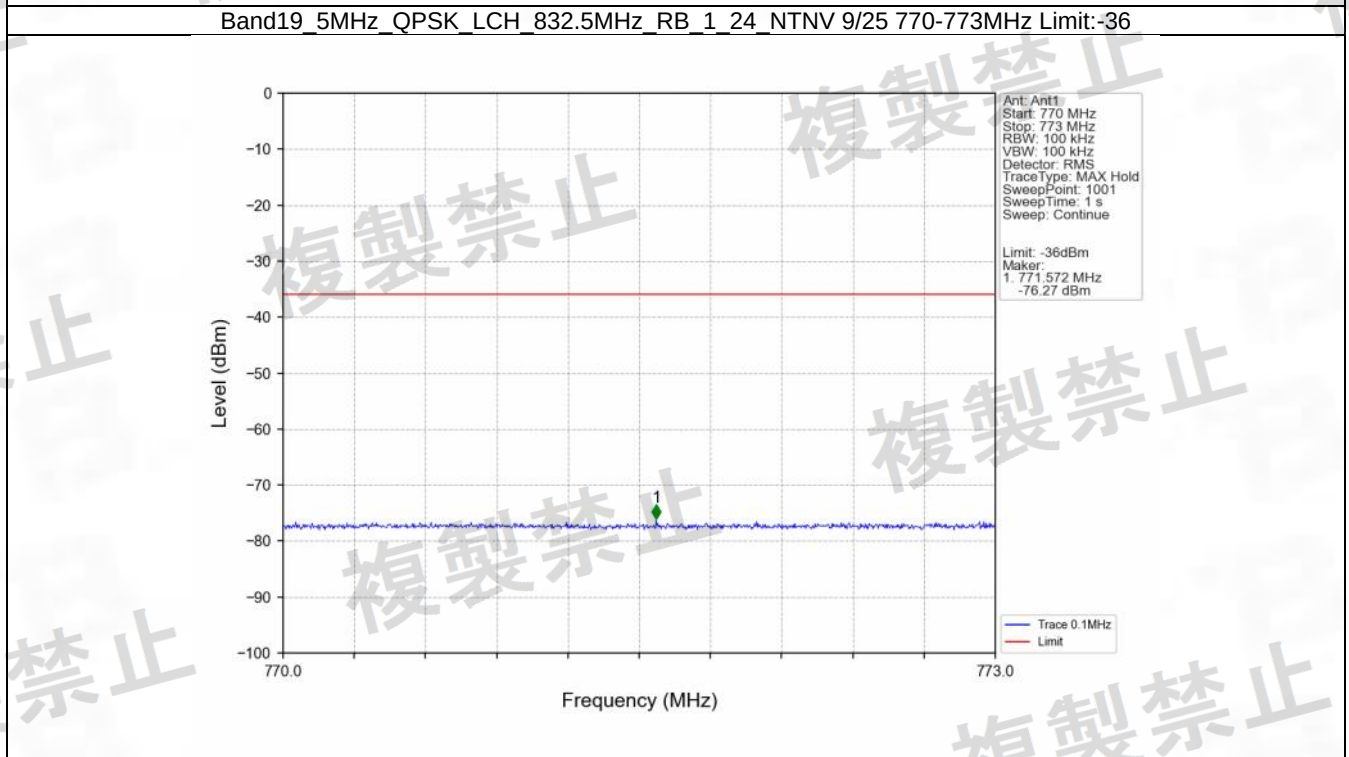
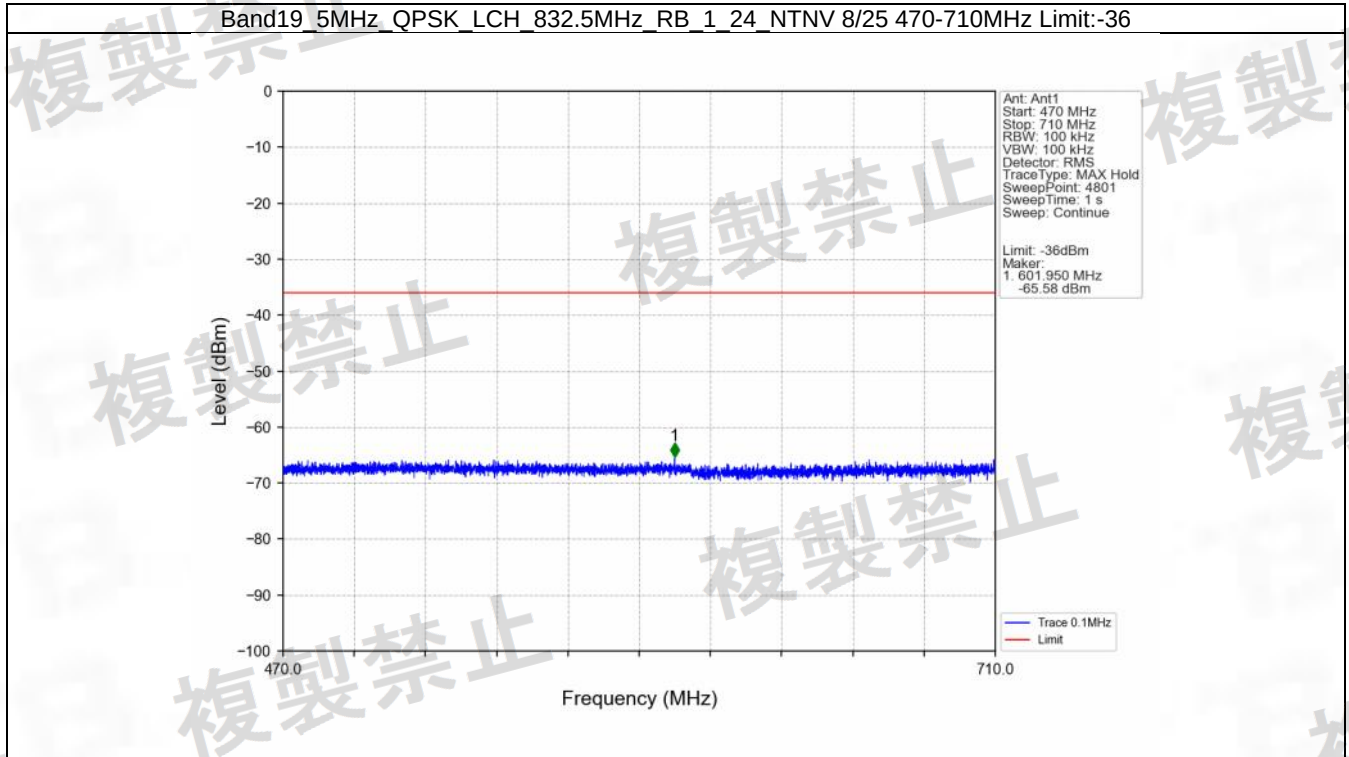


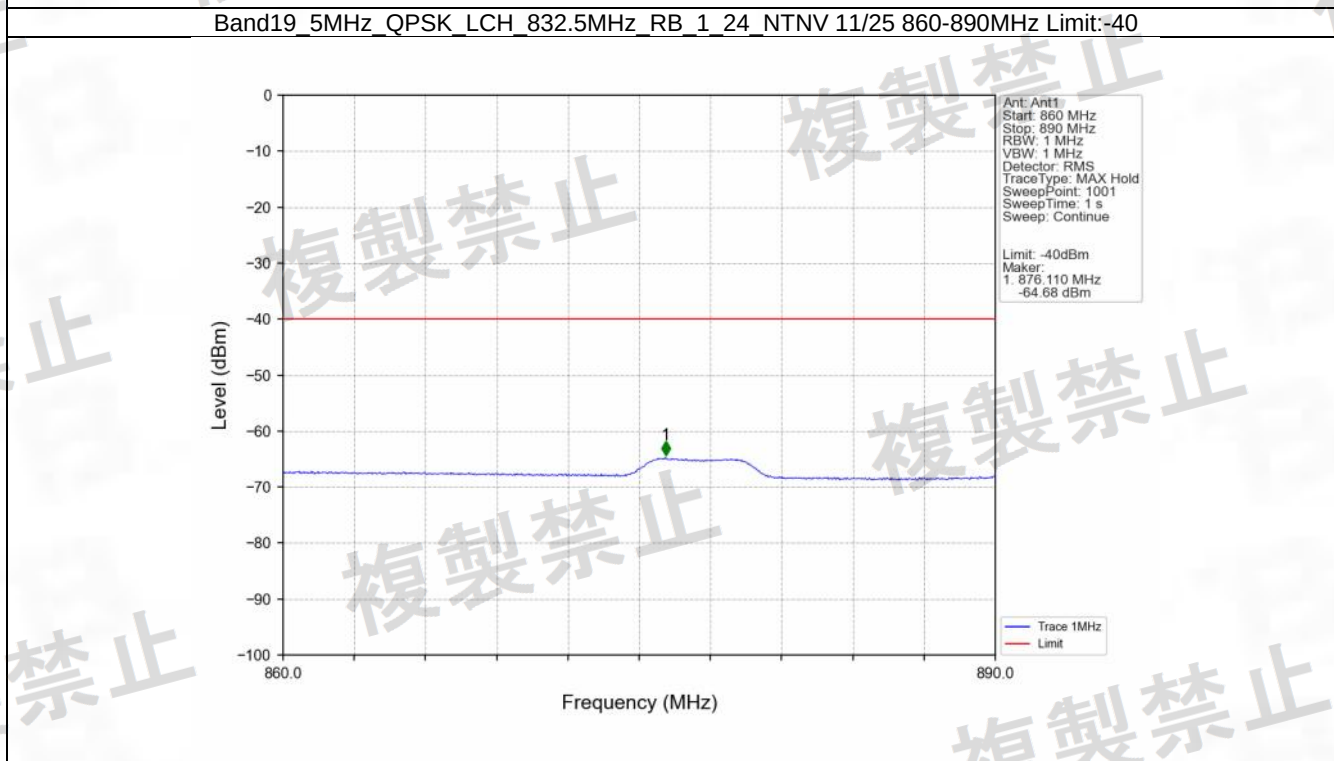
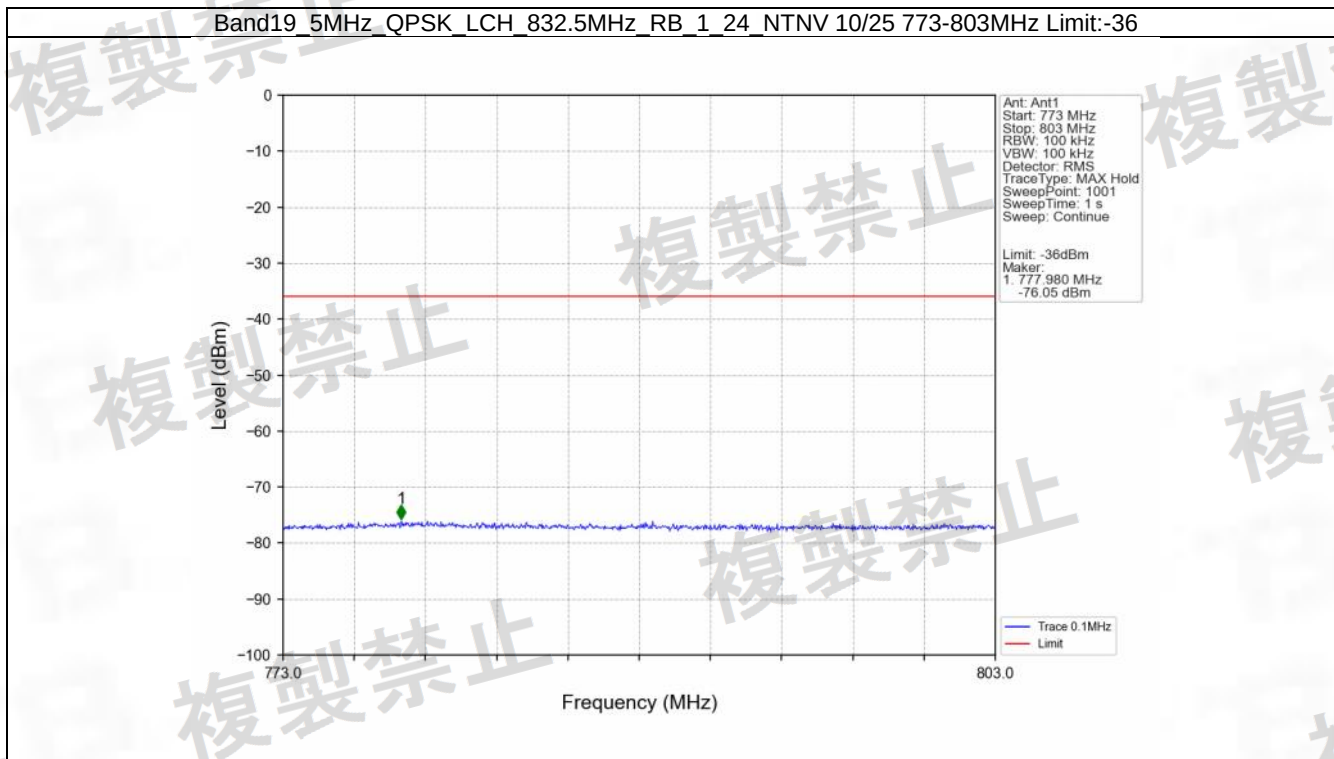




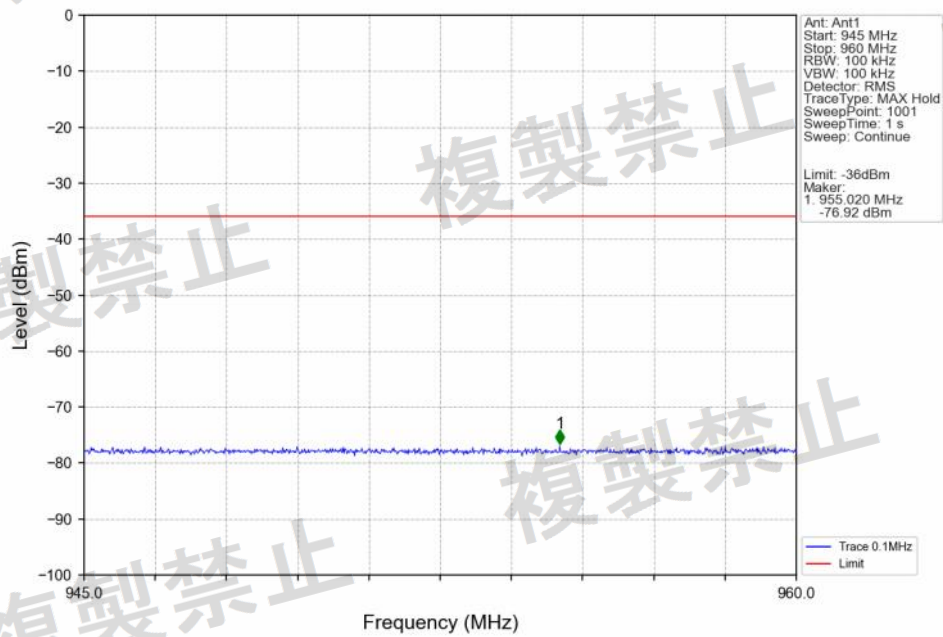




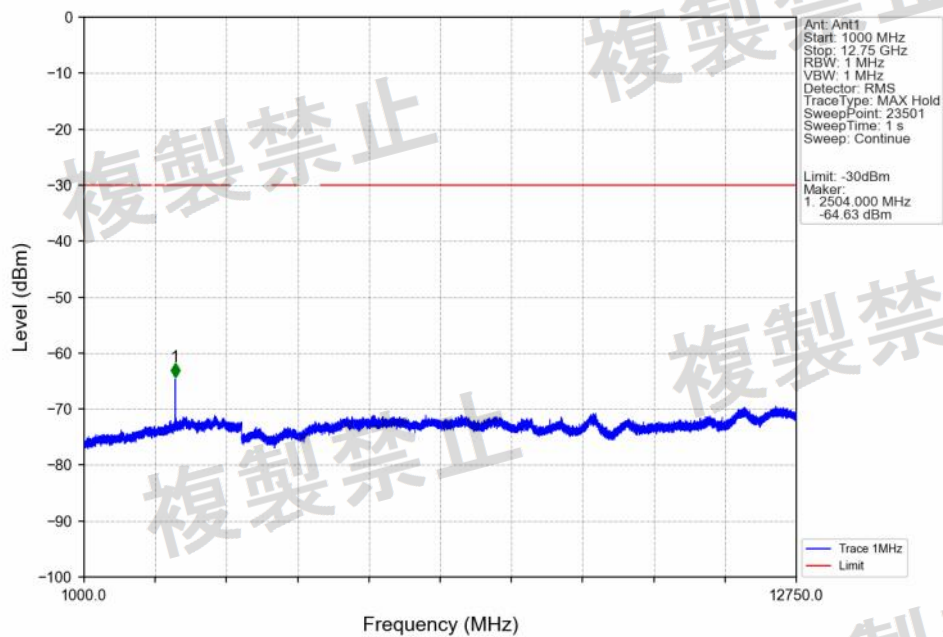


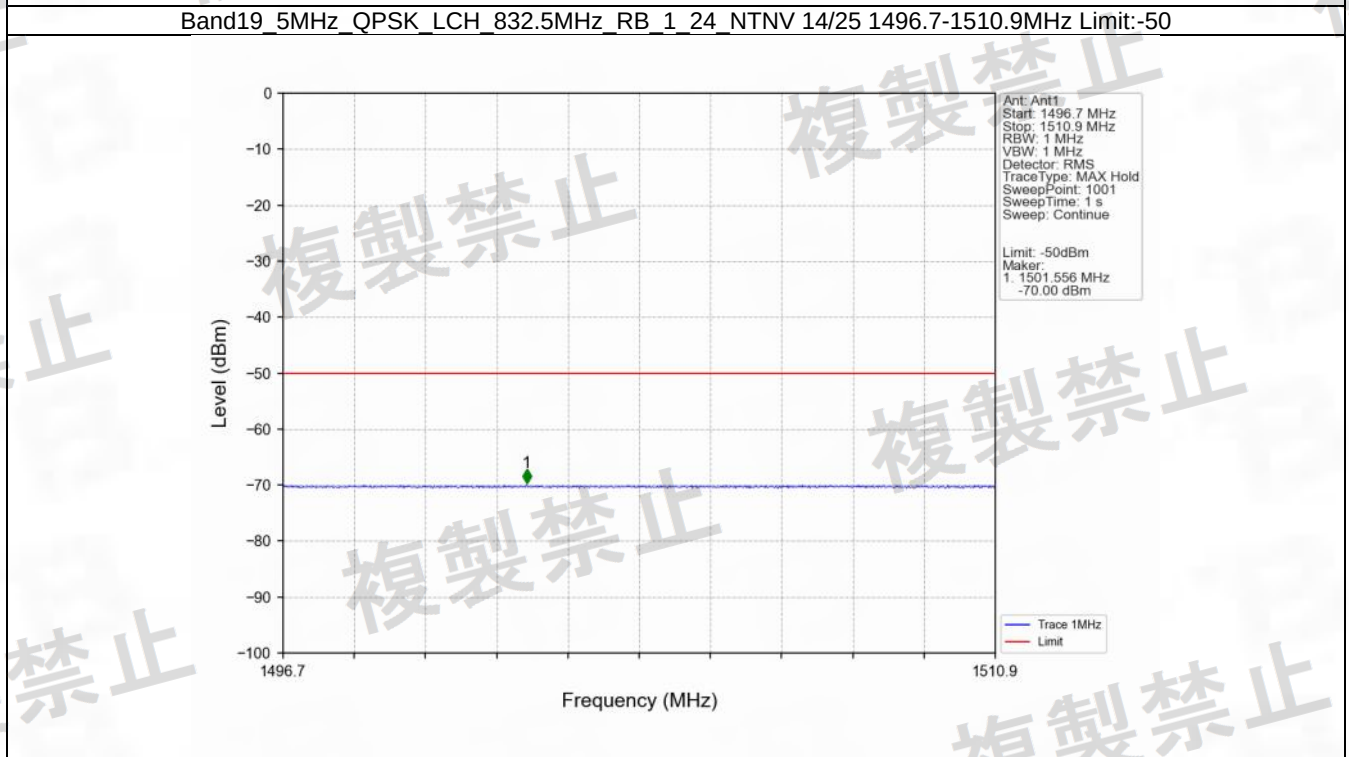
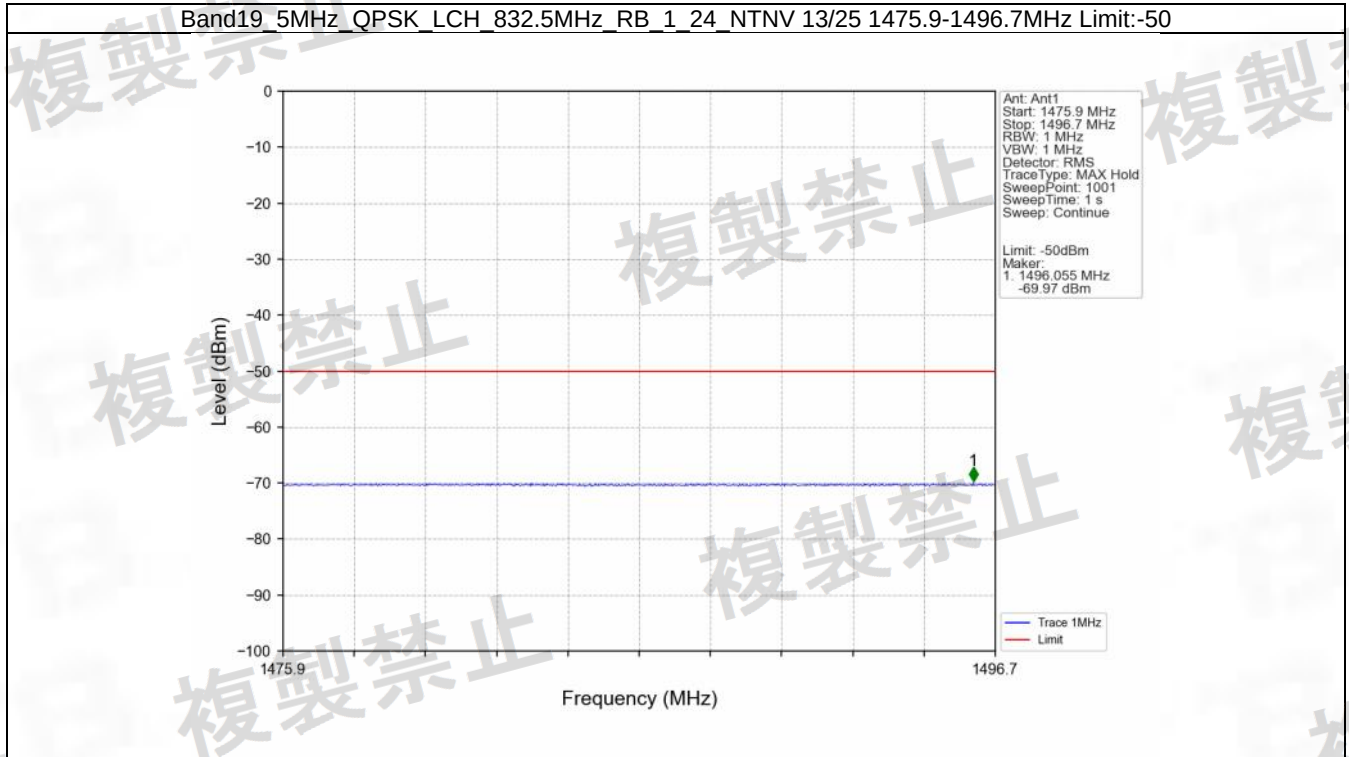


Band19_5MHz_QPSK_LCH_832.5MHz_RB_1_24_NTNV_12/25_945-960MHz_Limit:-36

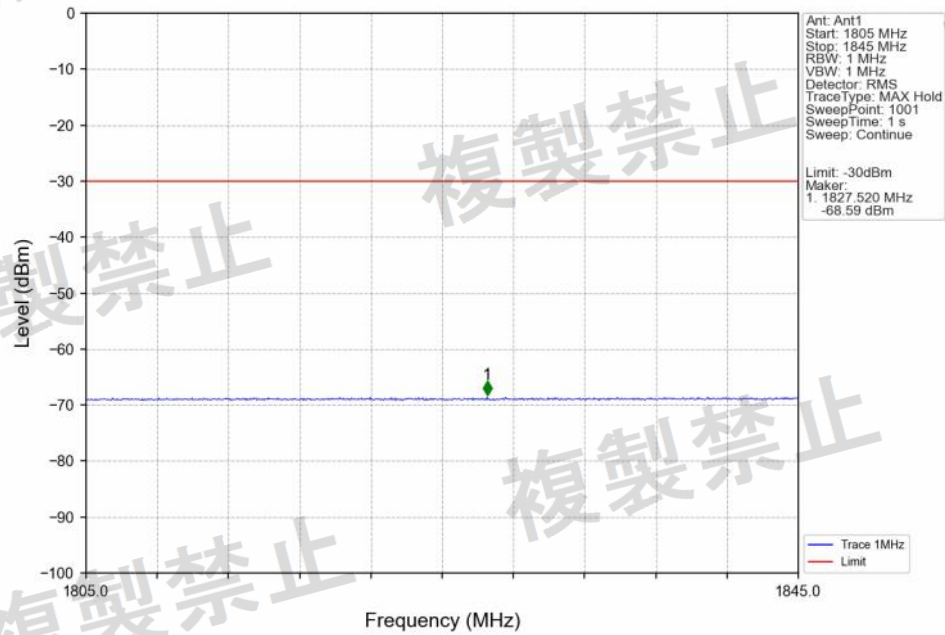


Band19_5MHz_QPSK_LCH_832.5MHz_RB_1_24_NTNV_4/25_1000-12750MHz_Limit:-30

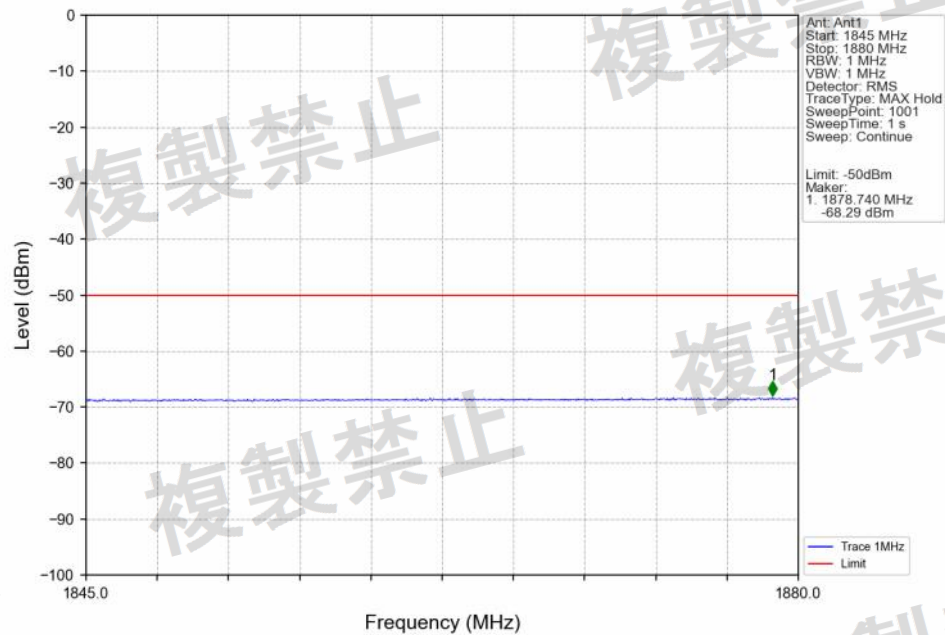


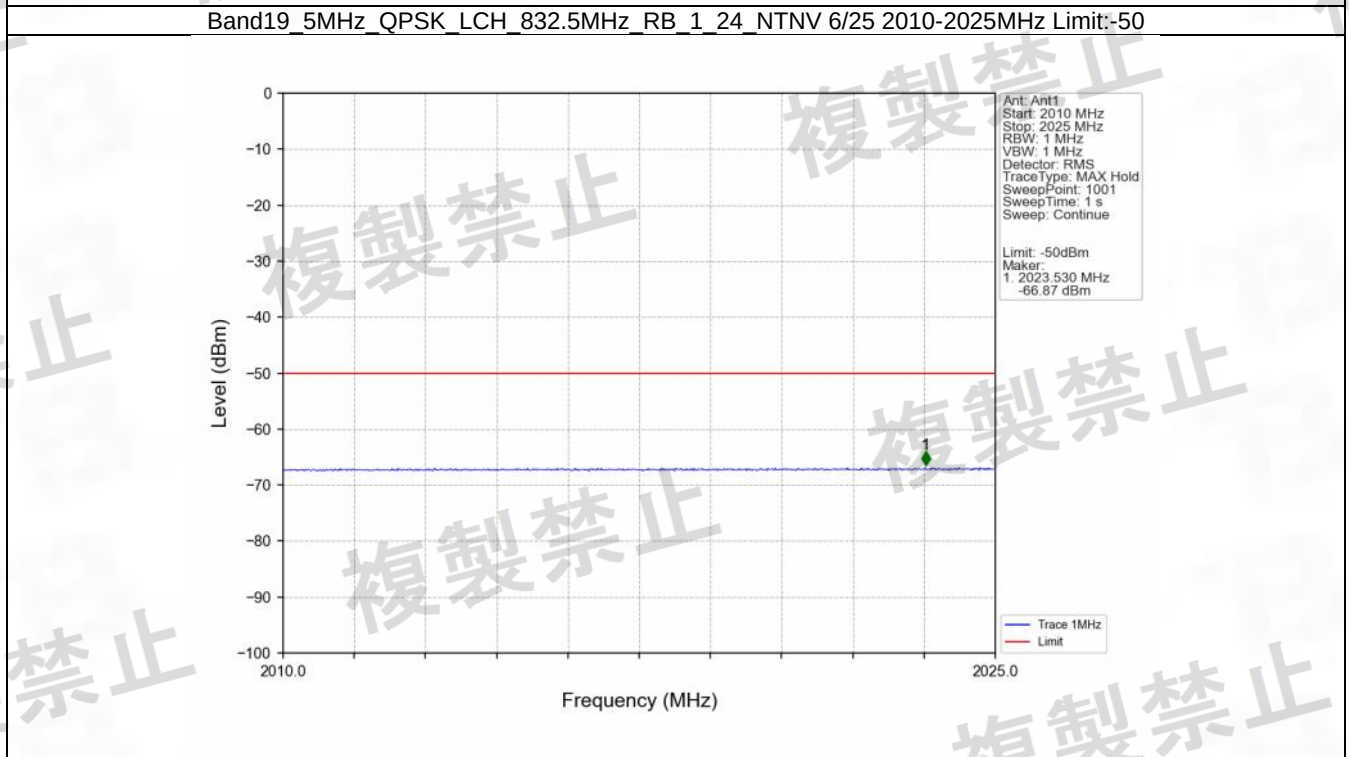
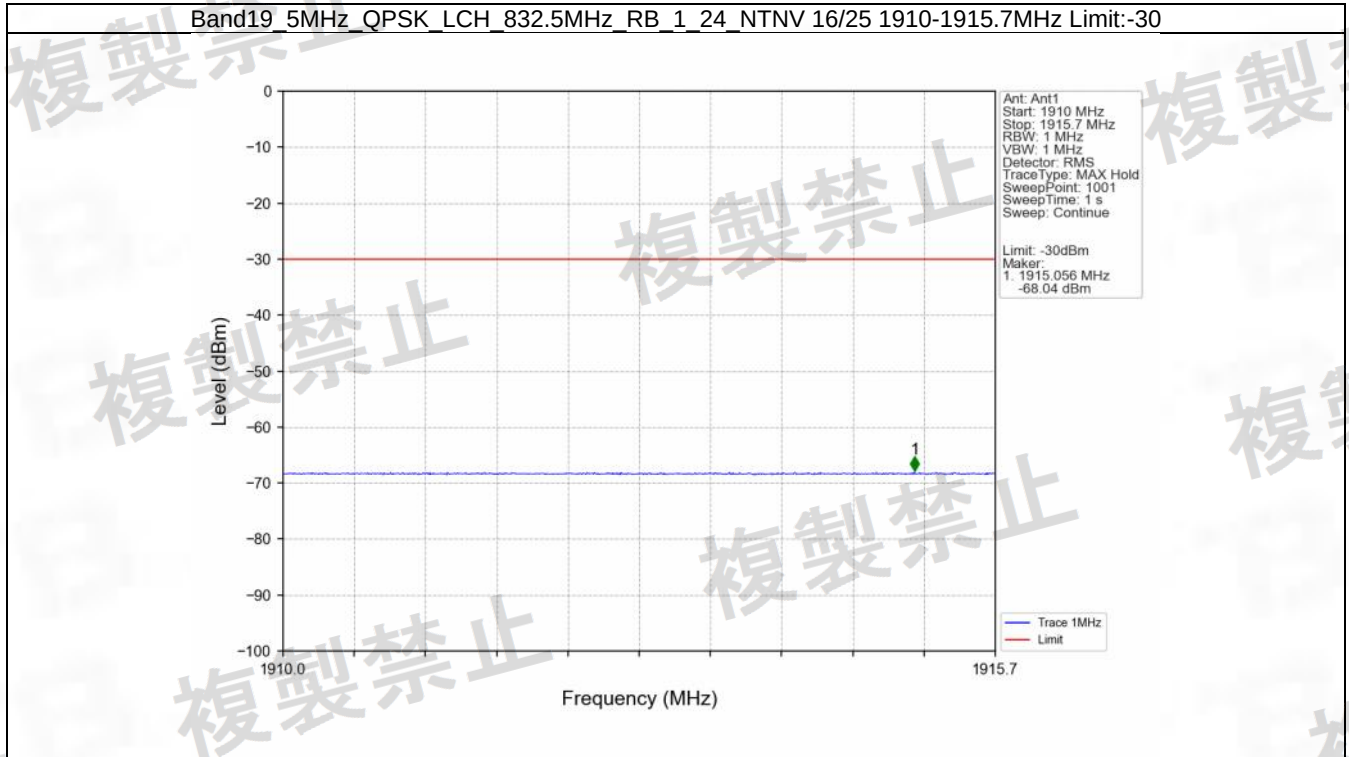


Band19 5MHz QPSK LCH 832.5MHz RB 1 24 NTNV 15/25 1805-1845MHz Limit:-30

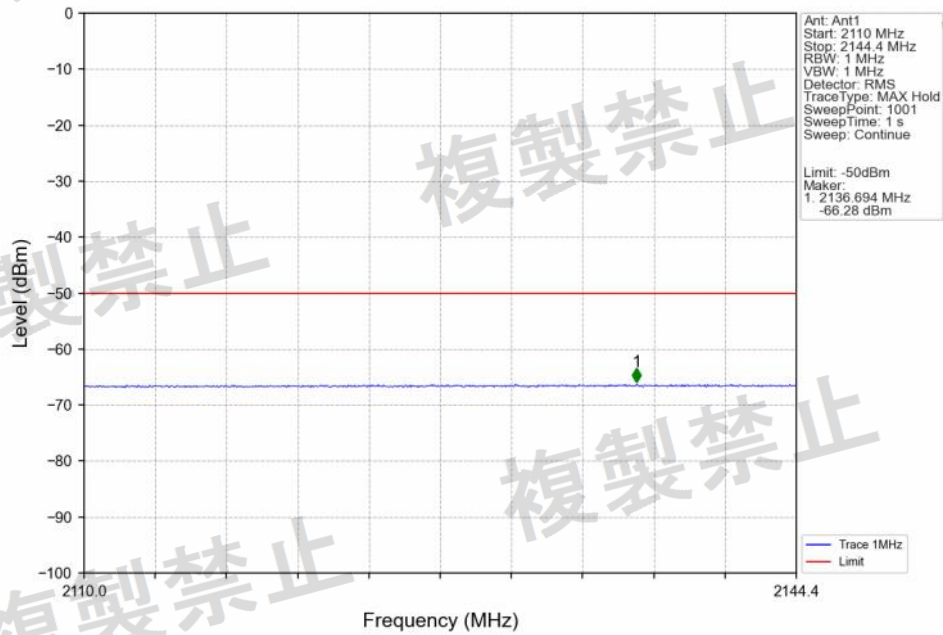


Band19 5MHz QPSK LCH 832.5MHz RB 1 24 NTNV 5/25 1845-1880MHz Limit:-50

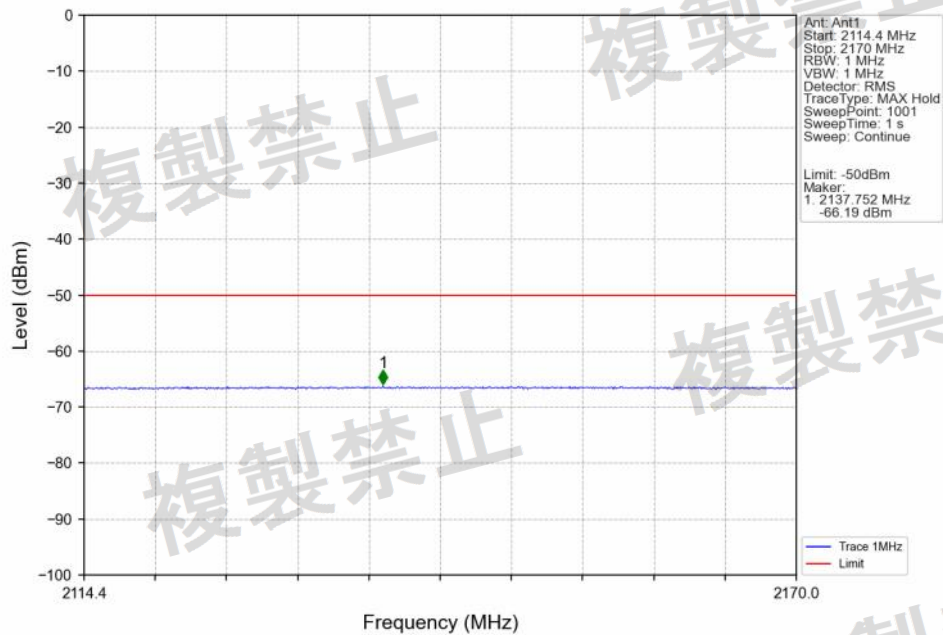




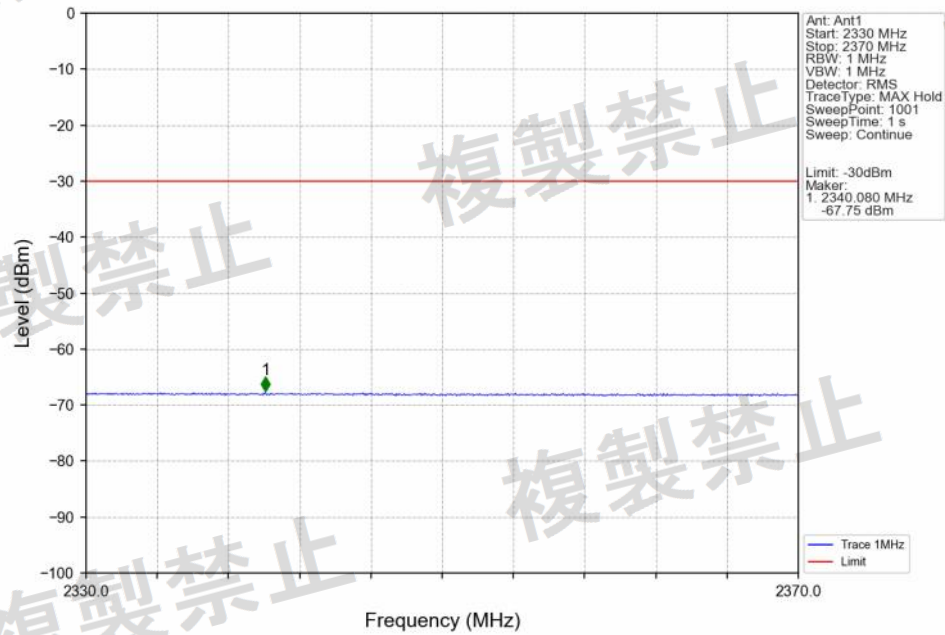
Band19 5MHz QPSK LCH 832.5MHz RB 1 24 NTN 7/25 2110-2144.4MHz Limit:-50



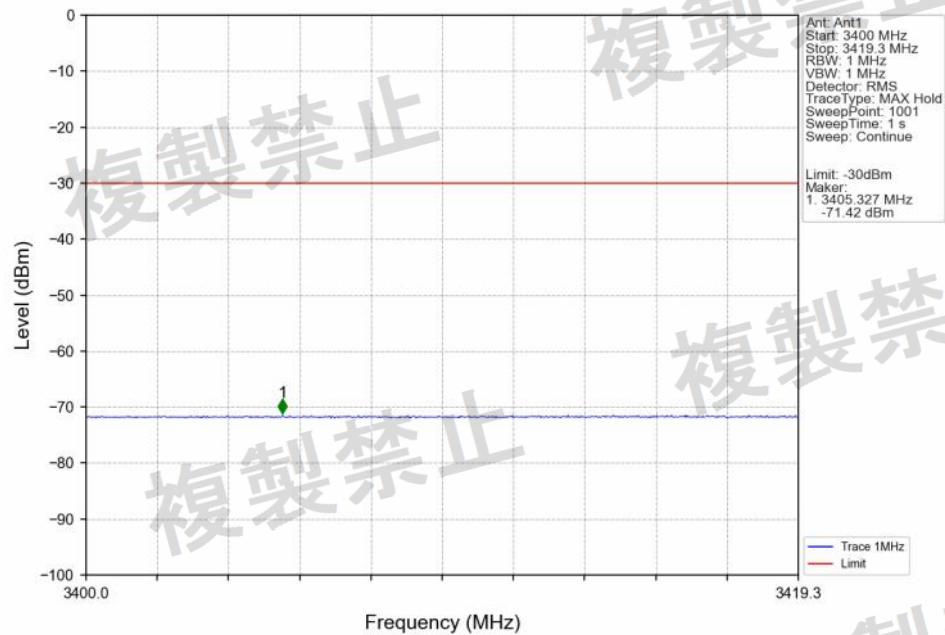
Band19 5MHz QPSK LCH 832.5MHz RB 1 24 NTN 17/25 2114.4-2170MHz Limit:-50

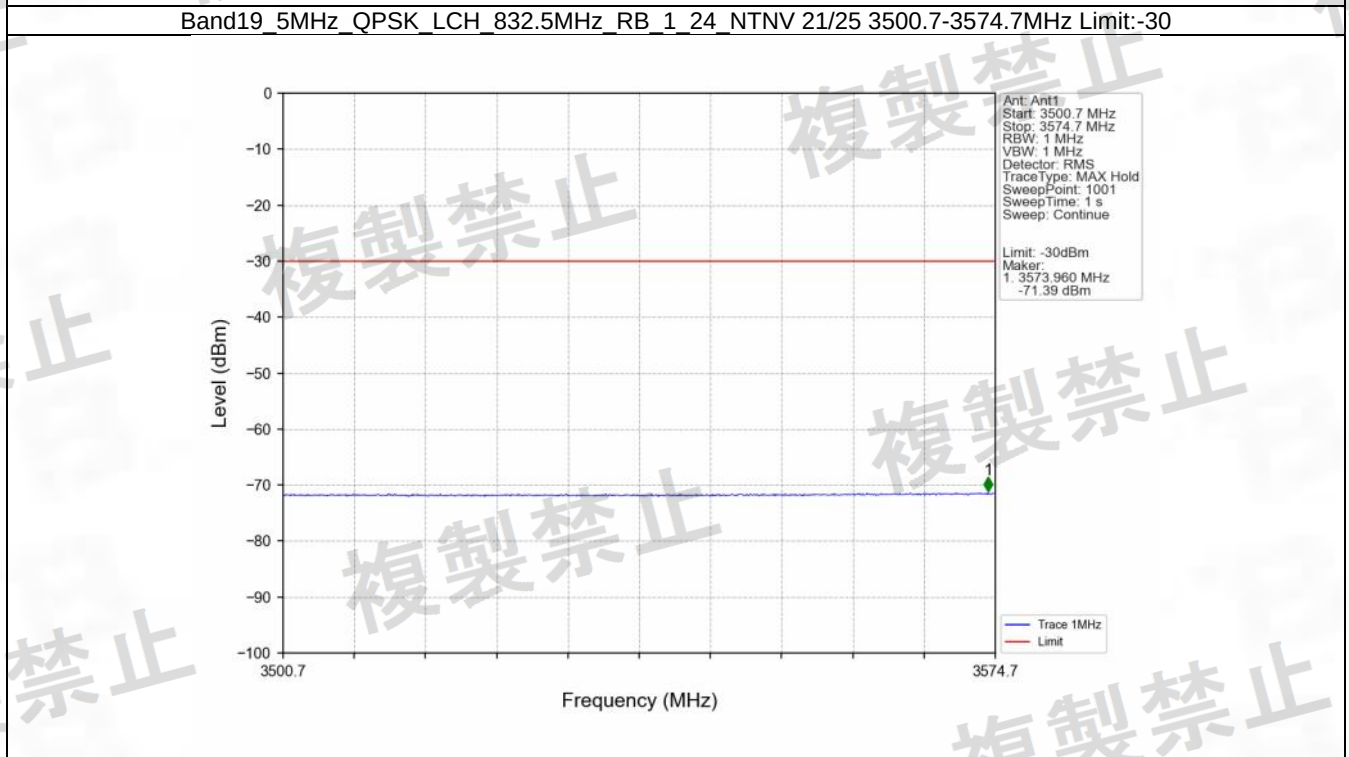
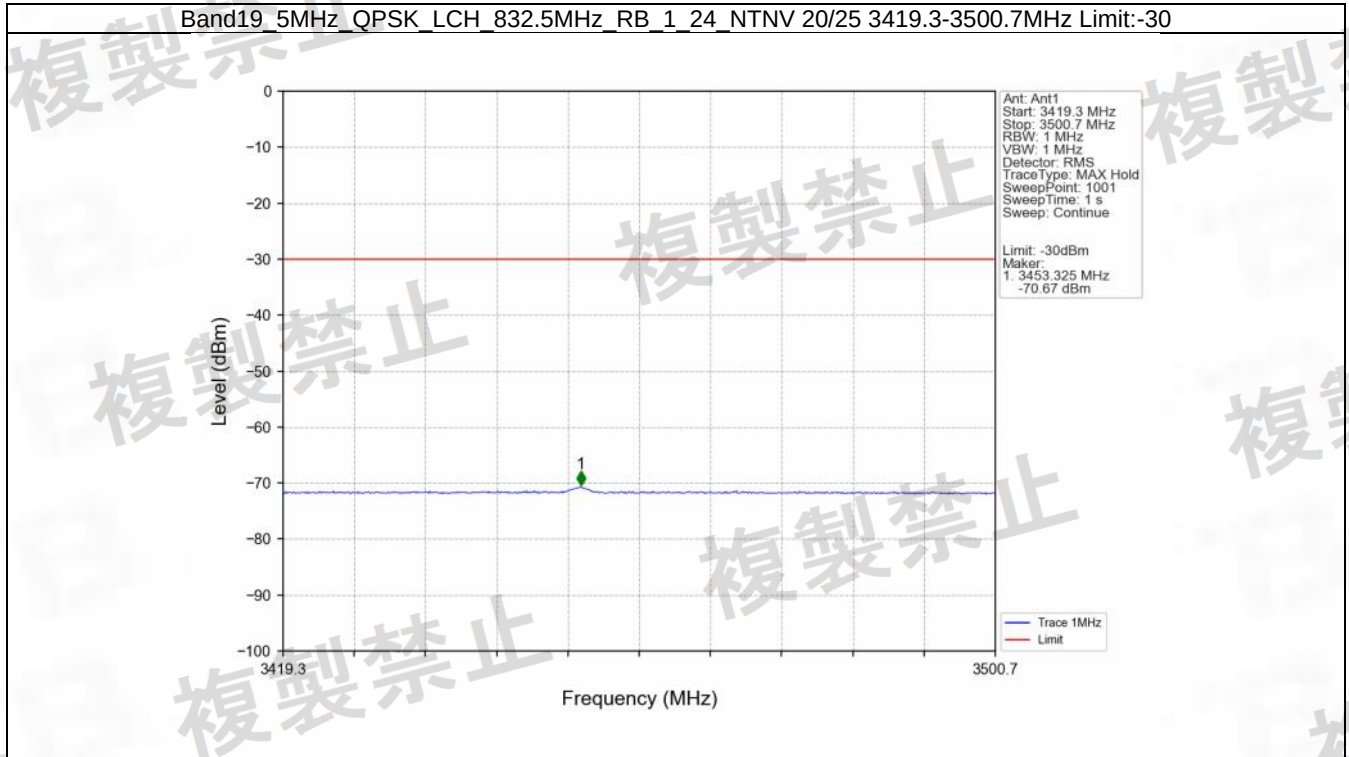


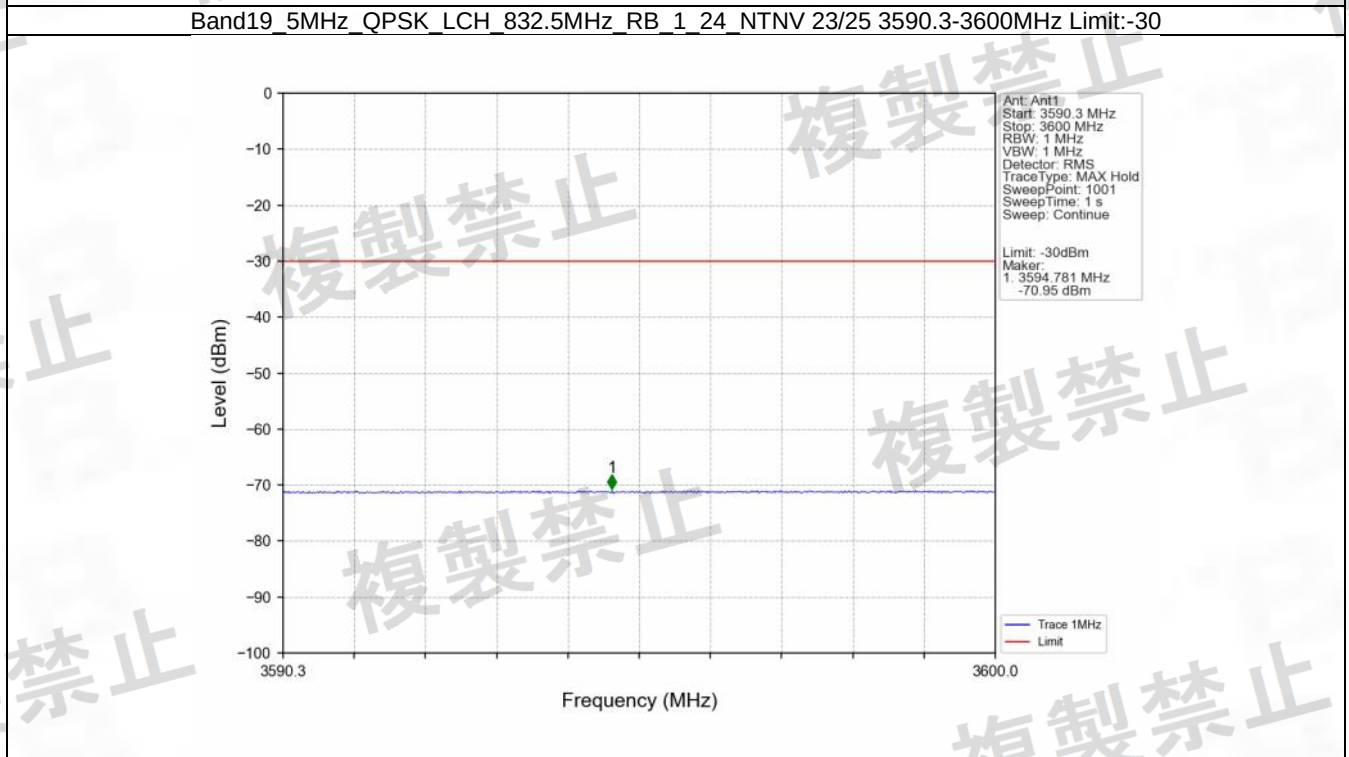
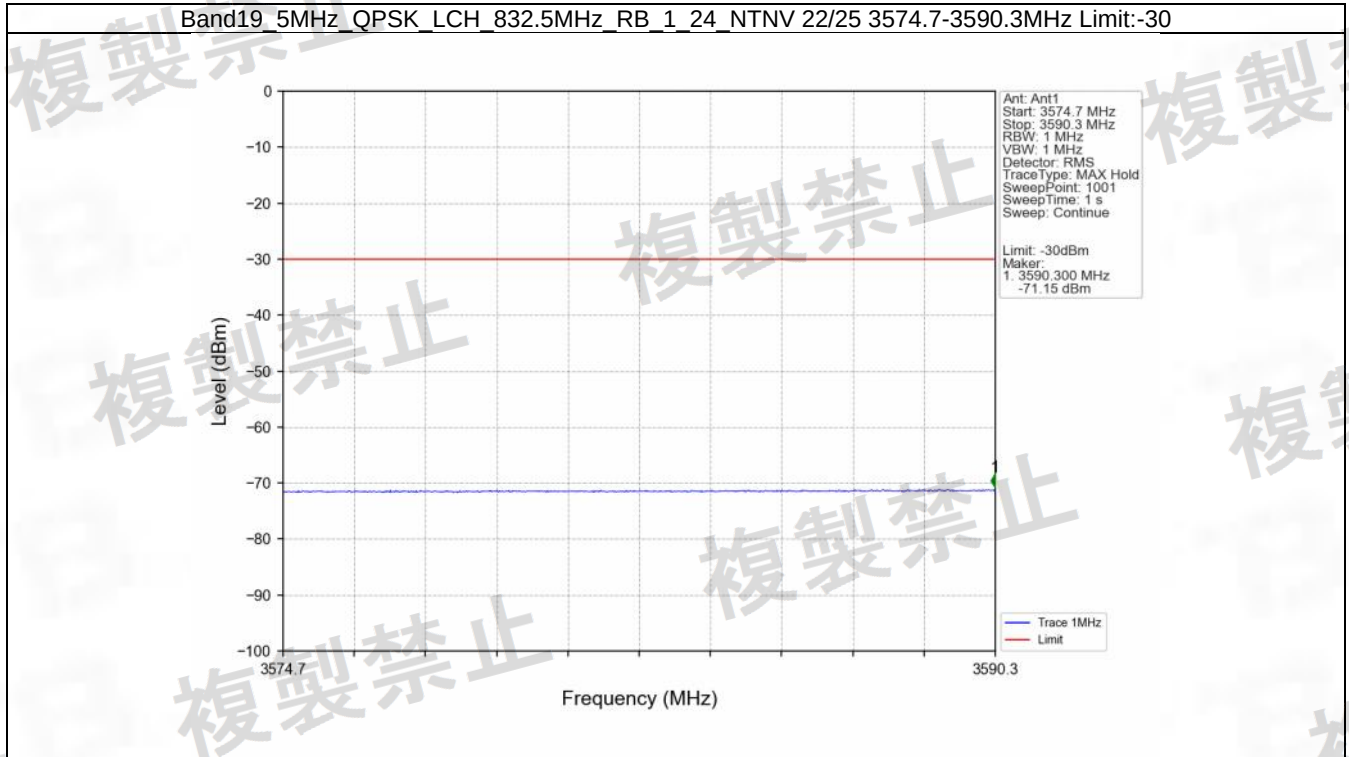
Band19 5MHz QPSK LCH 832.5MHz RB 1 24 NTN 18/25 2330-2370MHz Limit:-30



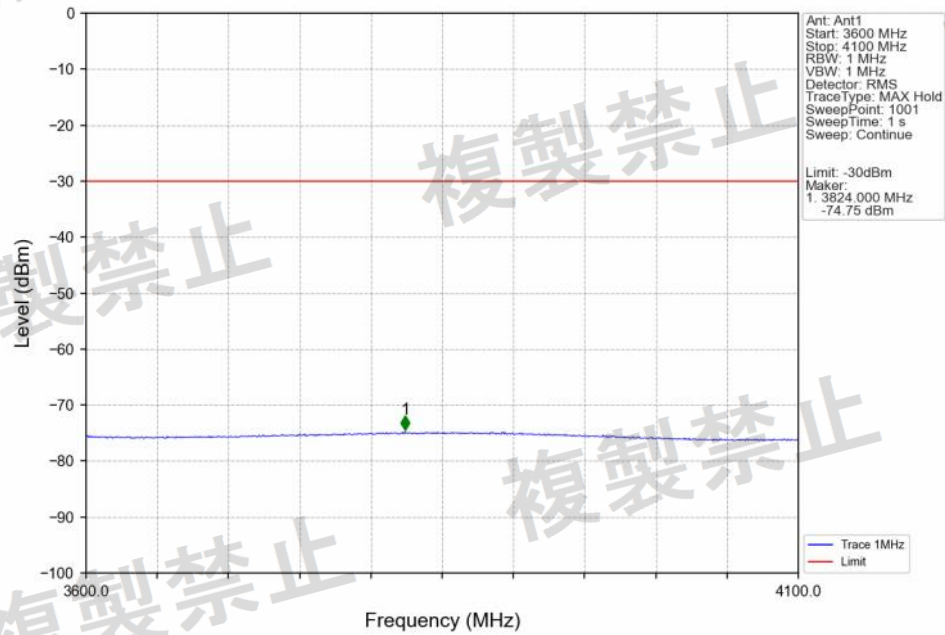
Band19 5MHz QPSK LCH 832.5MHz RB 1 24 NTN 19/25 3400-3419.3MHz Limit:-30



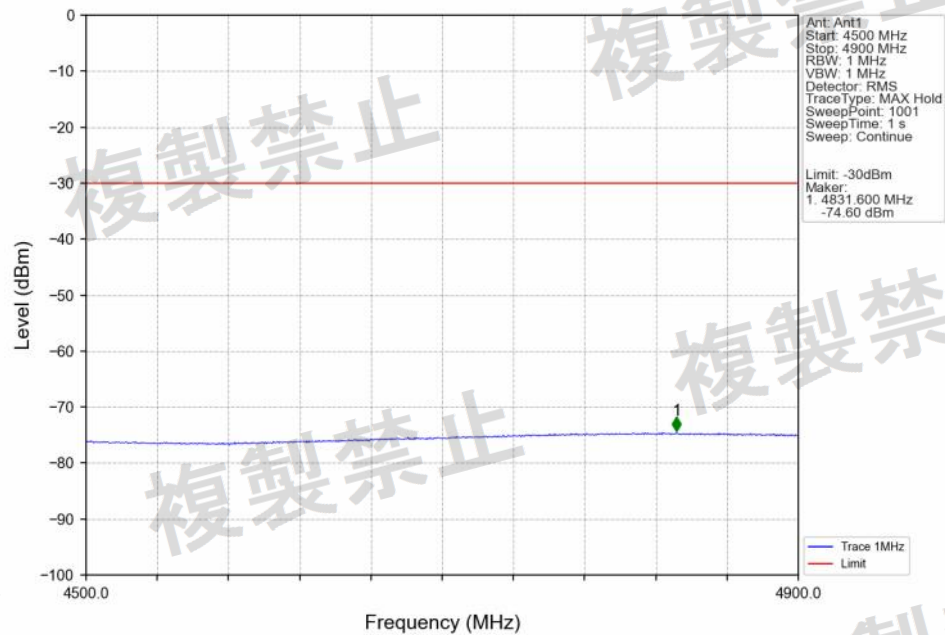


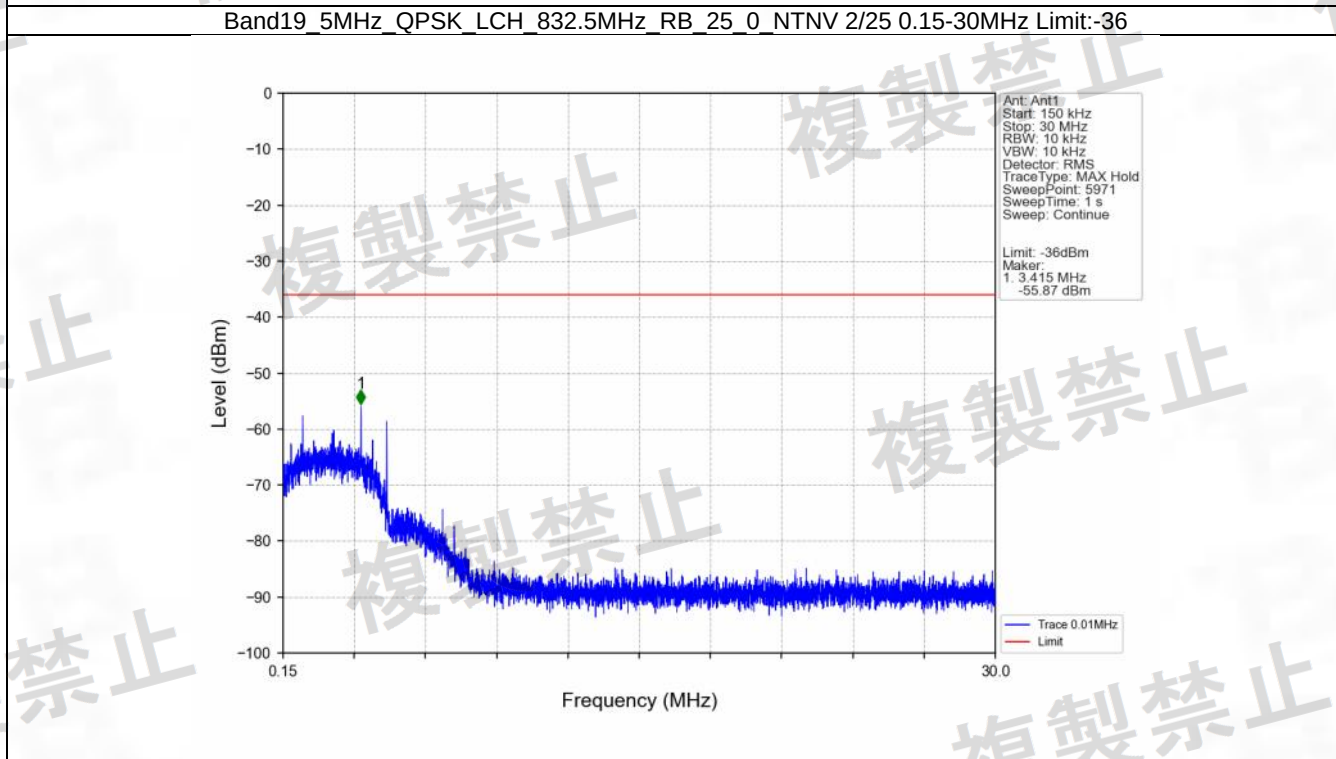
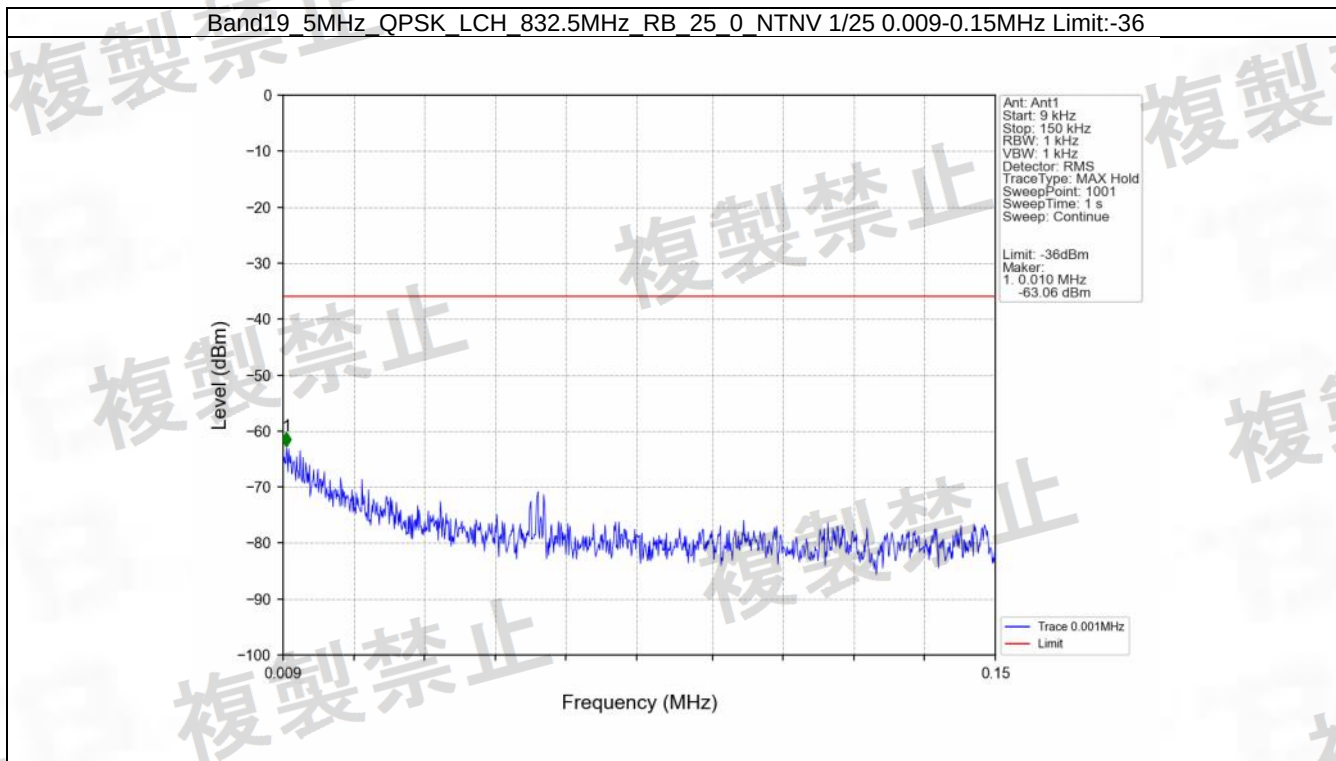


Band19_5MHz_QPSK_LCH_832.5MHz_RB_1_24_NTNV_24/25_3600-4100MHz_Limit:-30

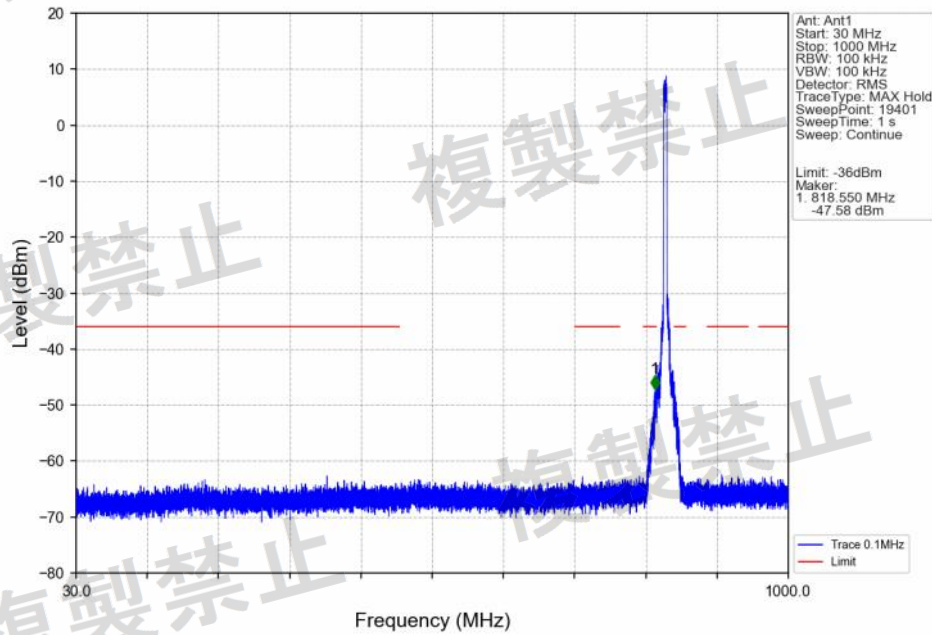


Band19_5MHz_QPSK_LCH_832.5MHz_RB_1_24_NTNV_25/25_4500-4900MHz_Limit:-30

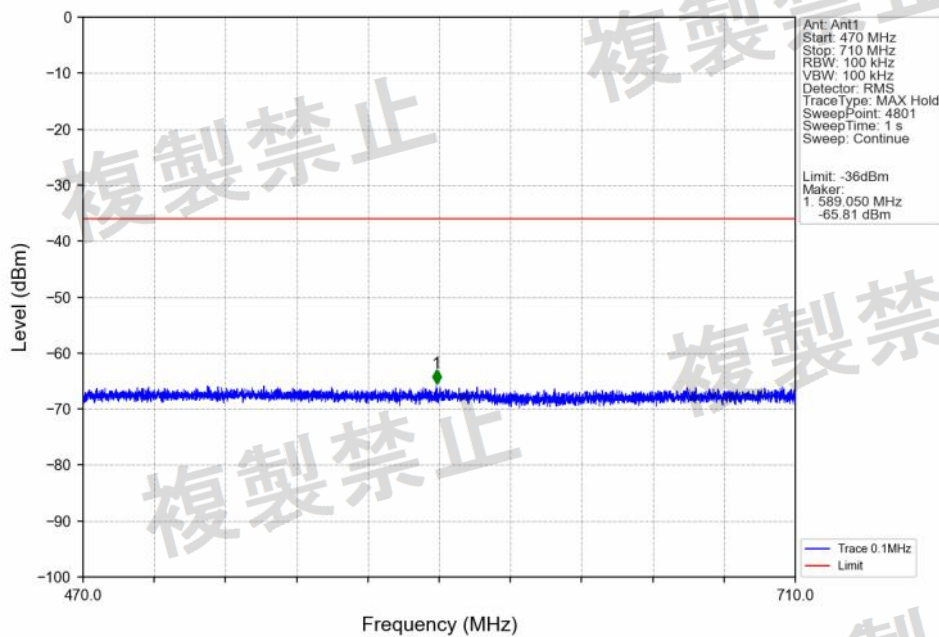


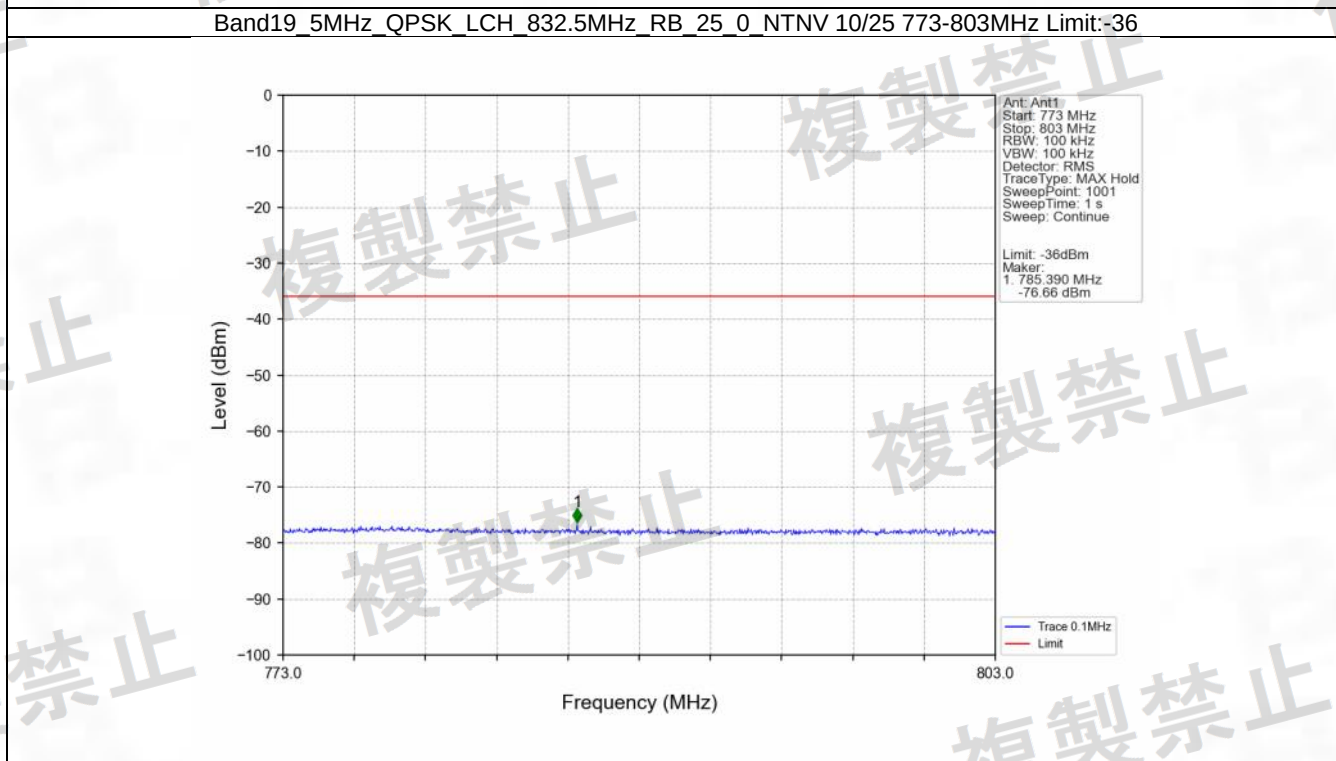
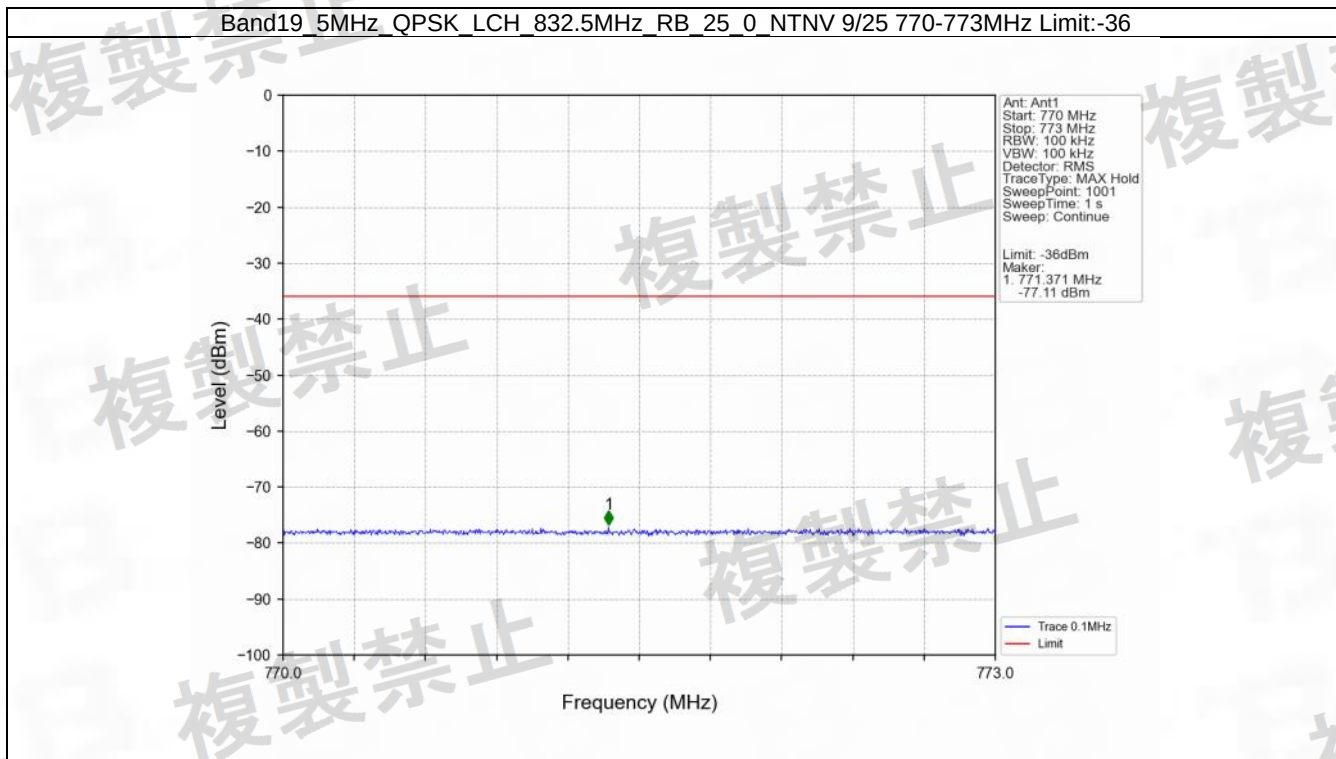


Band19 5MHz QPSK LCH 832.5MHz RB 25 0 NTNV 3/25 30-1000MHz Limit:-36

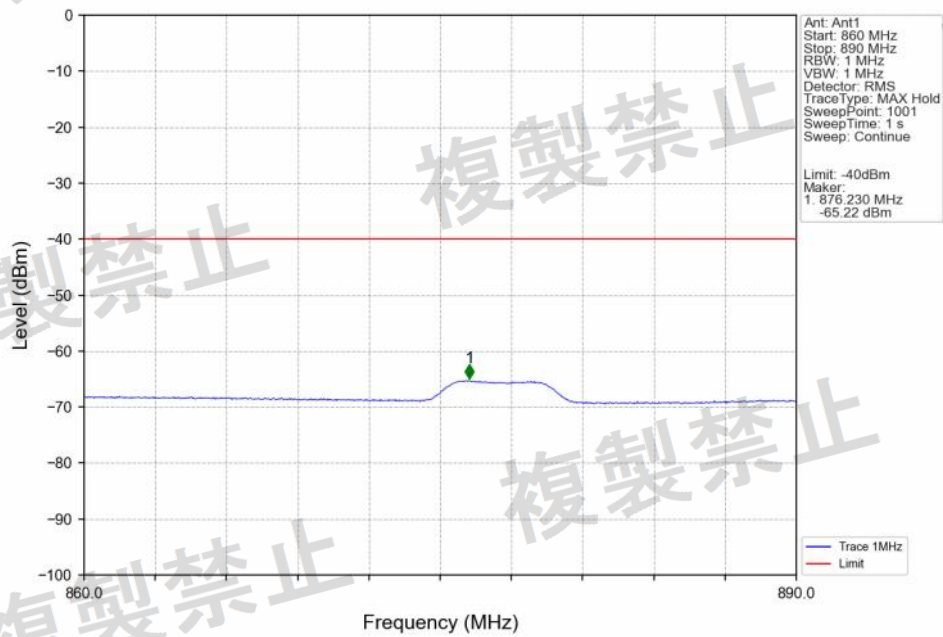


Band19 5MHz QPSK LCH 832.5MHz RB 25 0 NTNV 8/25 470-710MHz Limit:-36

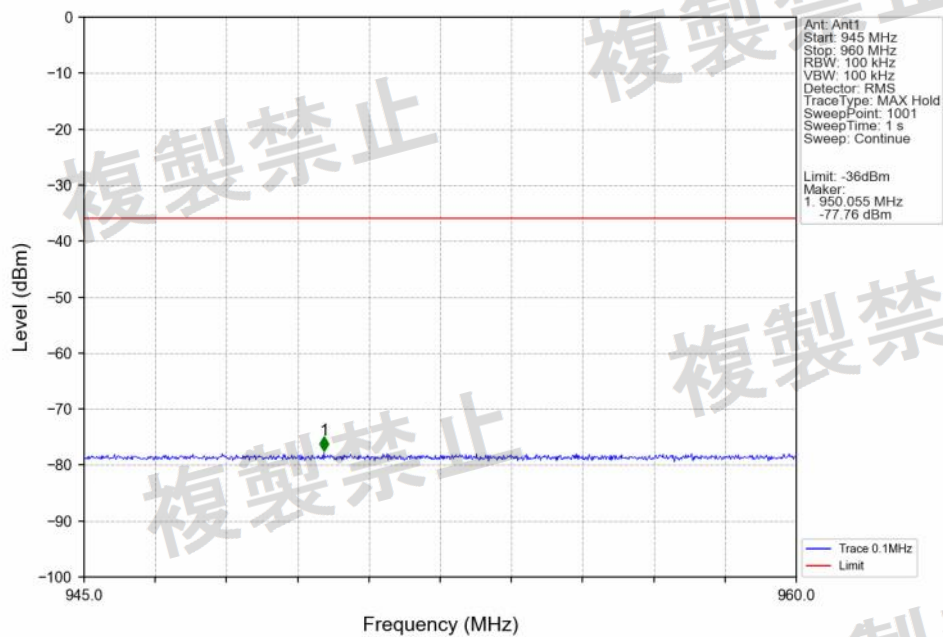




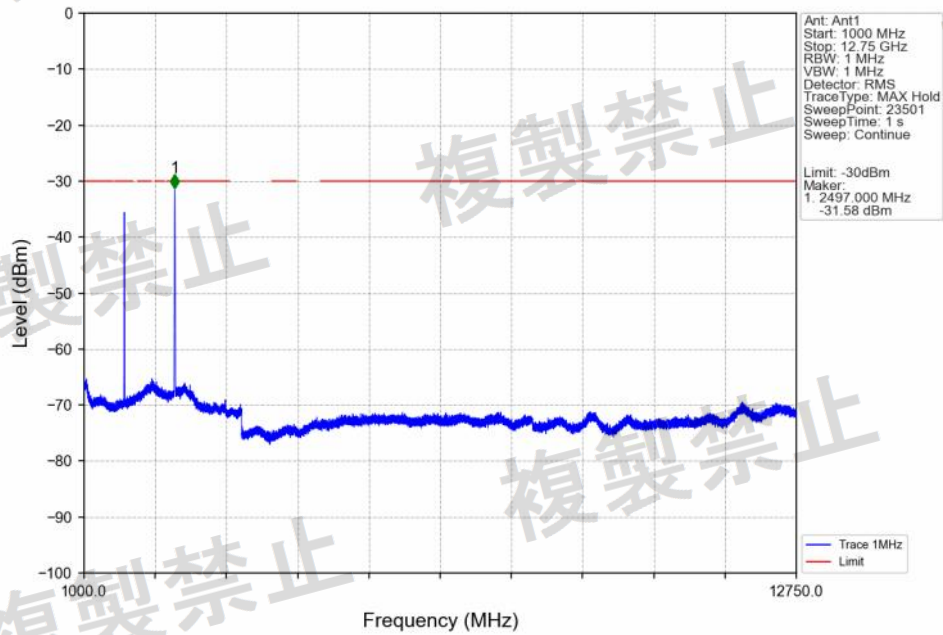
Band19 5MHz QPSK LCH 832.5MHz RB 25 0 NTV 11/25 860-890MHz Limit:-40



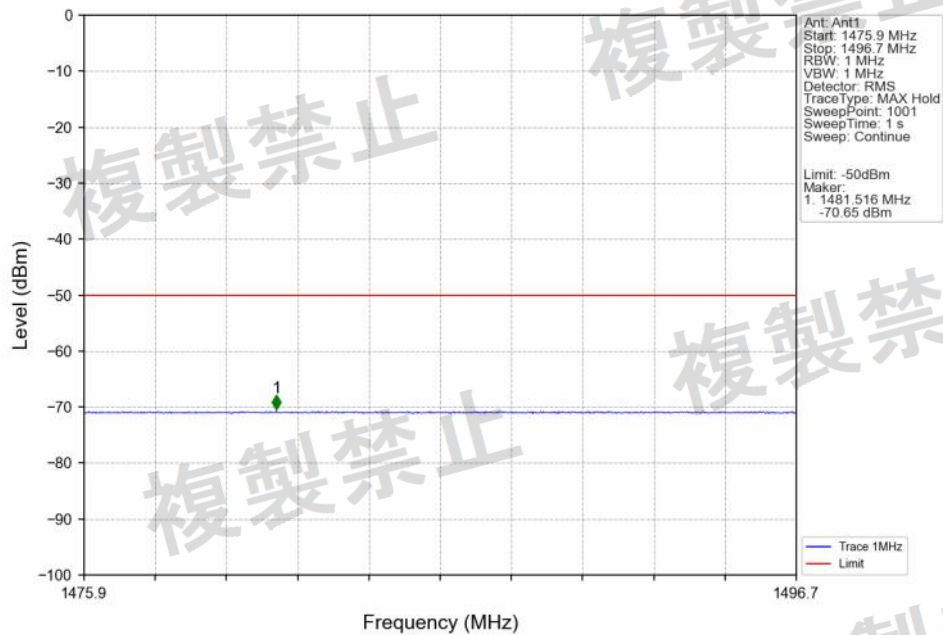
Band19 5MHz QPSK LCH 832.5MHz RB 25 0 NTV 12/25 945-960MHz Limit:-36

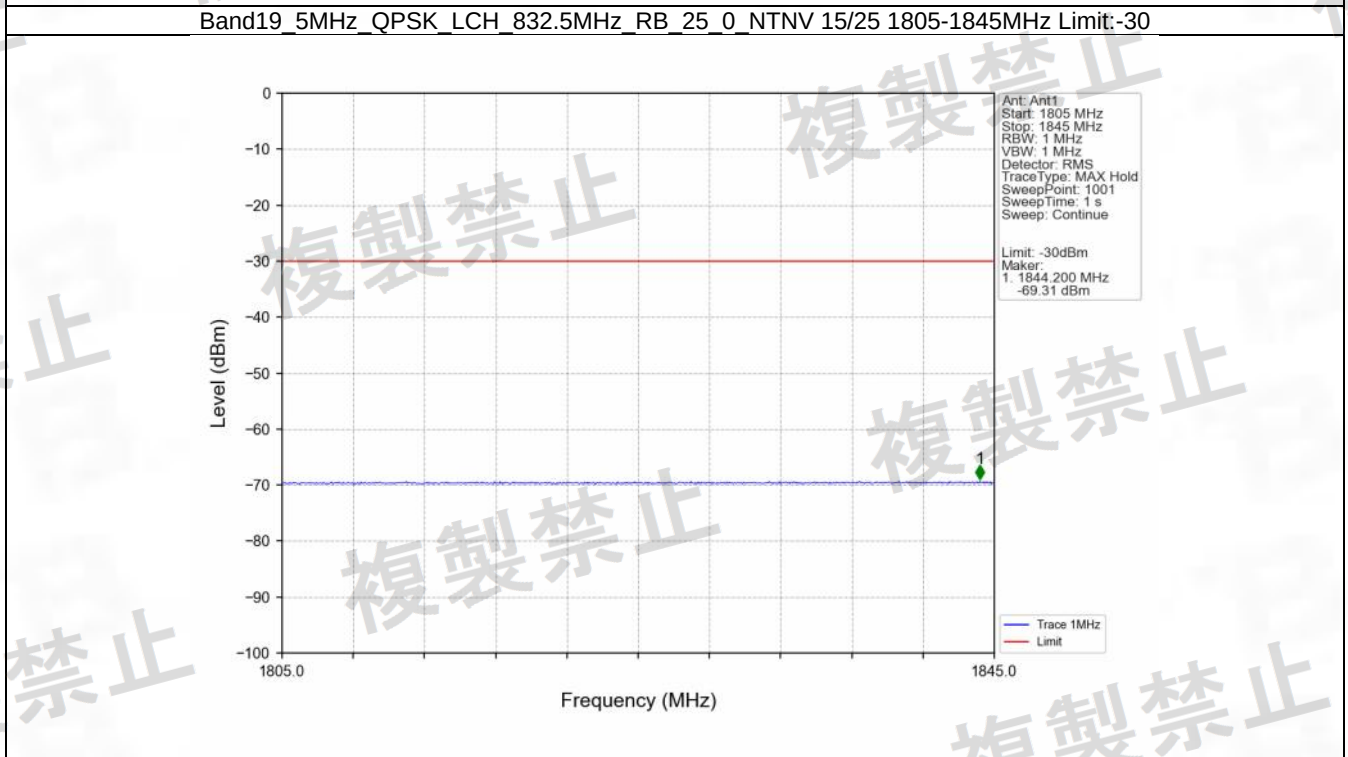
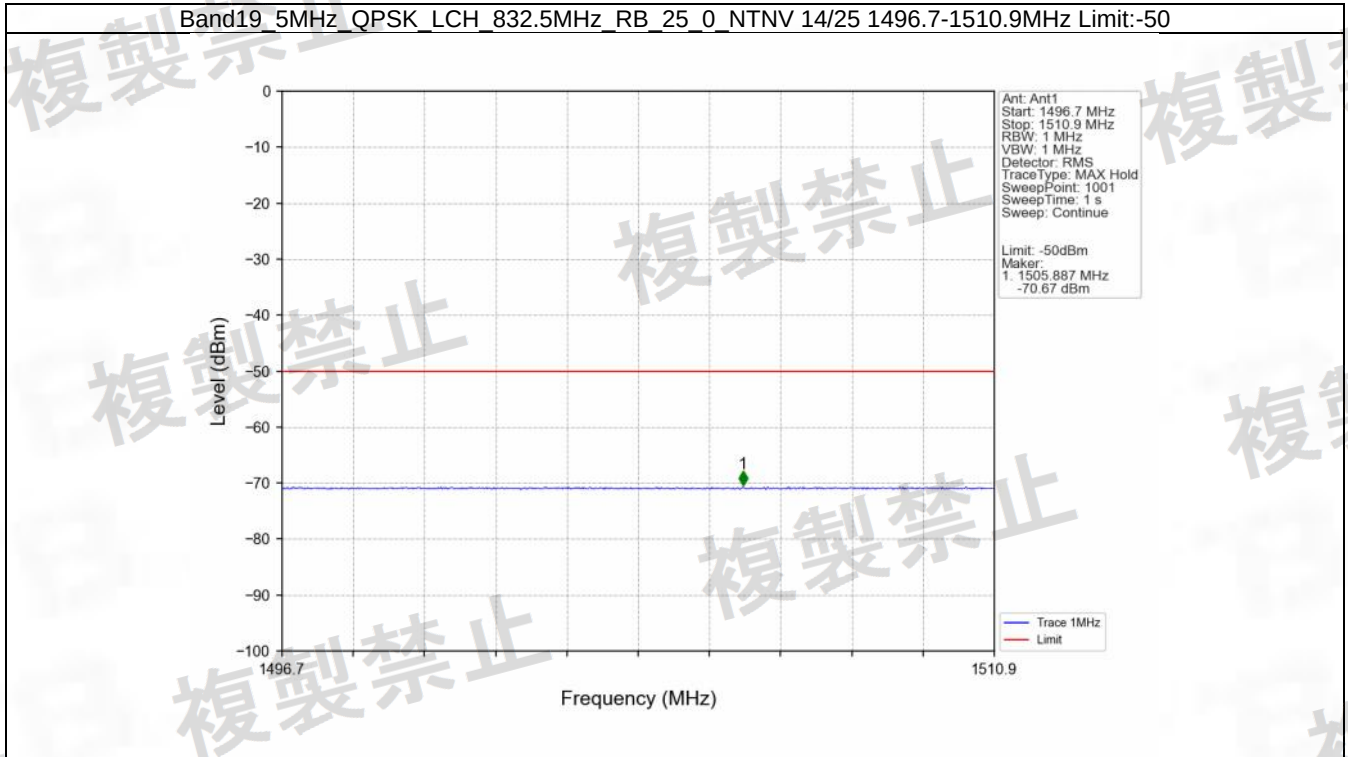


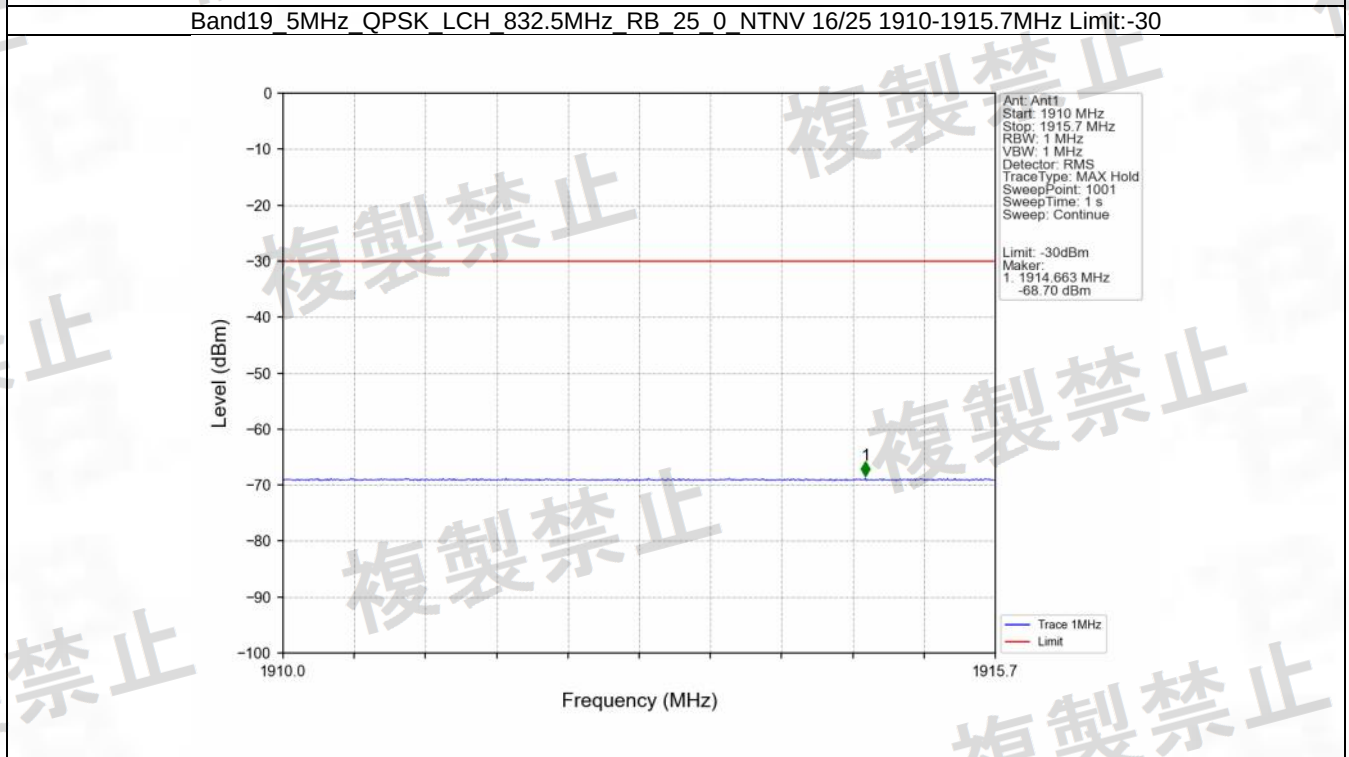
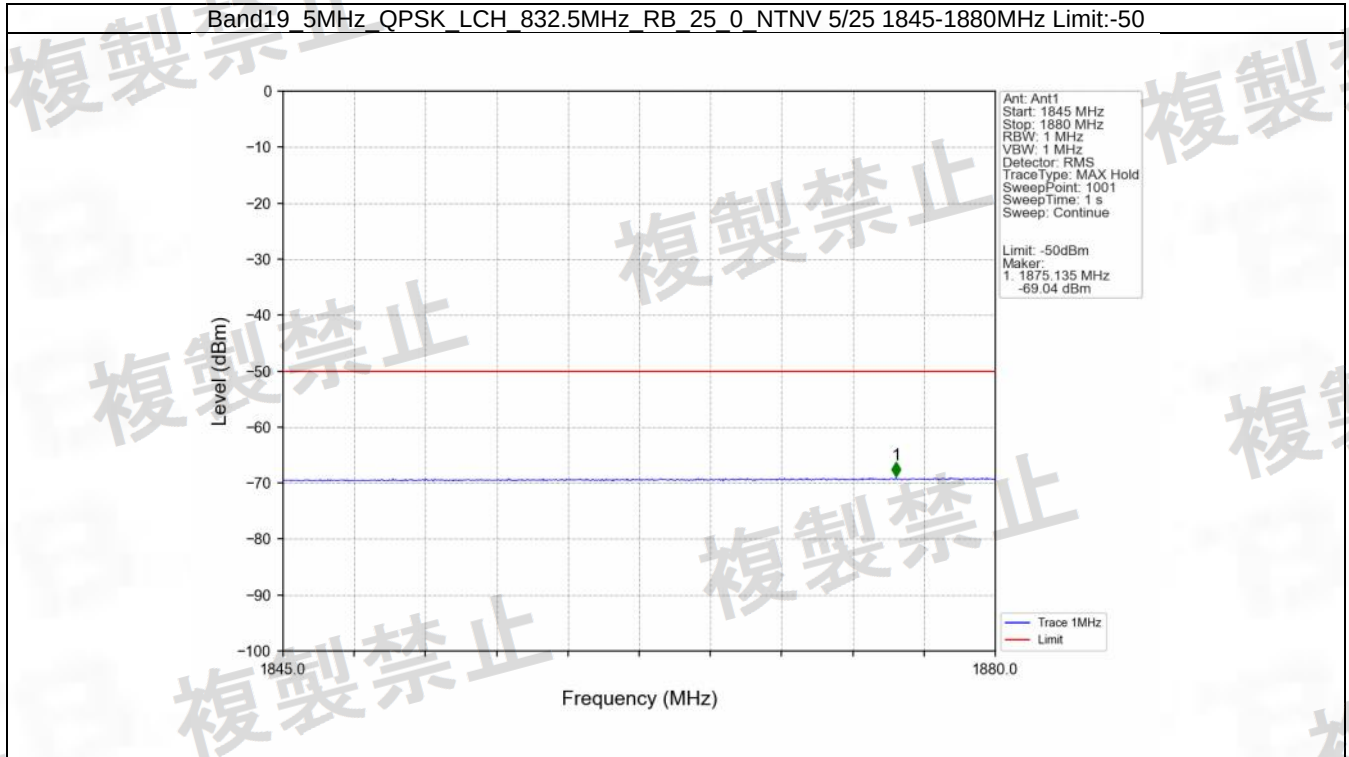
Band19_5MHz_QPSK_LCH_832.5MHz_RB_25_0_NTNV_4/25_1000-12750MHz_Limit:-30

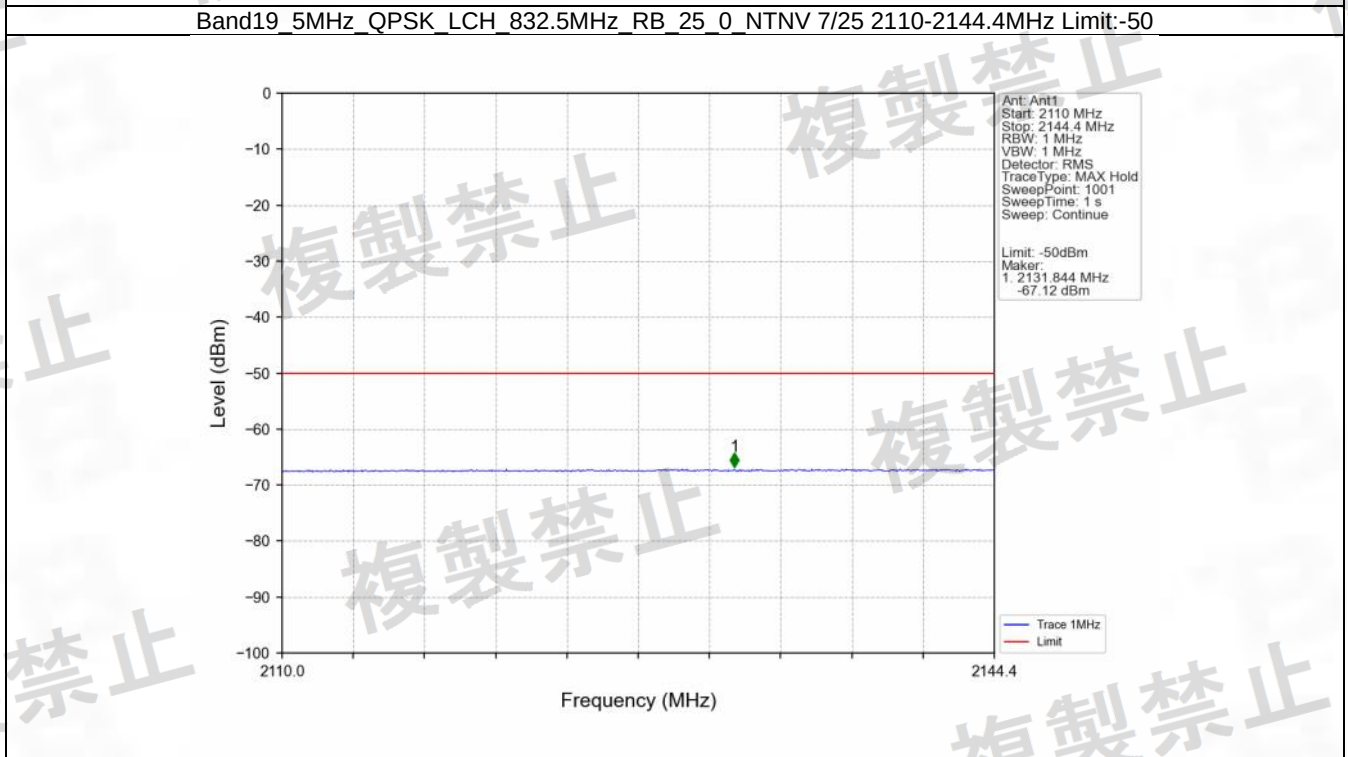
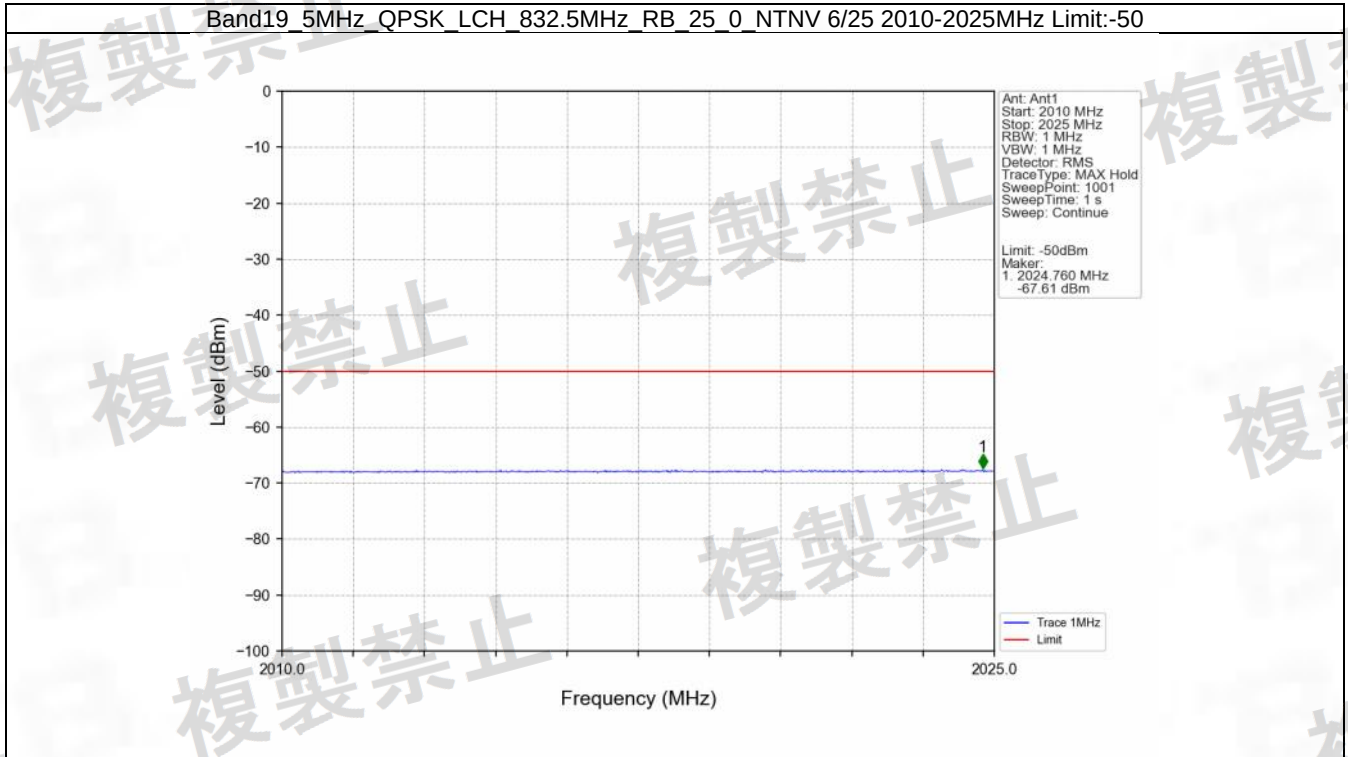


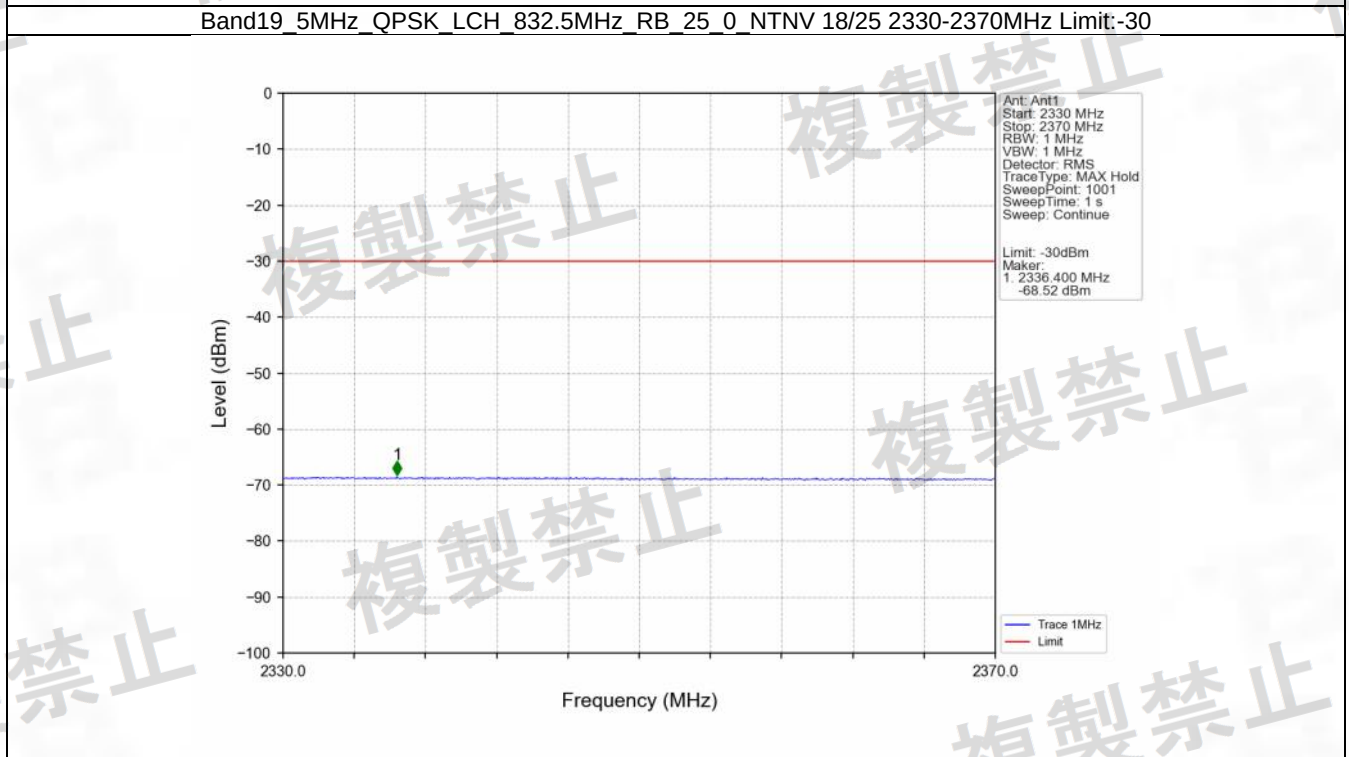
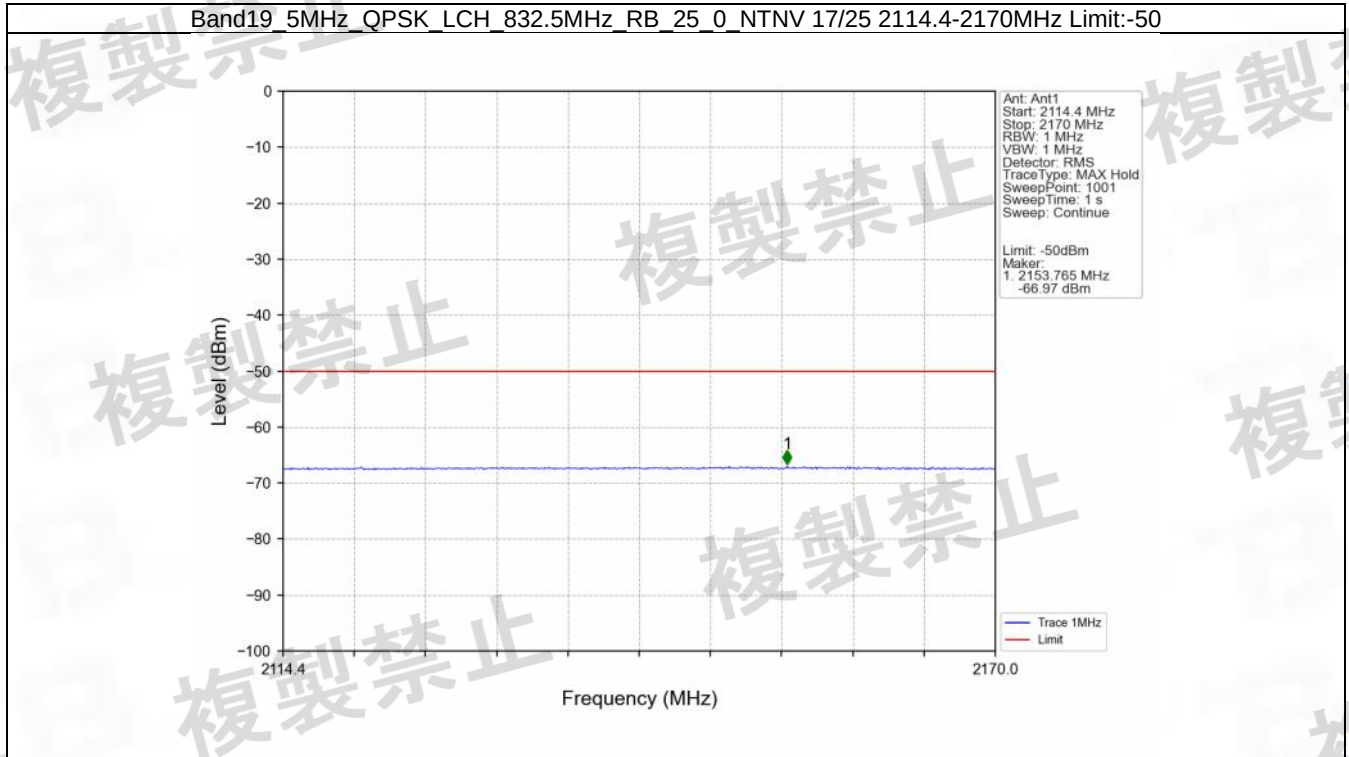
Band19_5MHz_QPSK_LCH_832.5MHz_RB_25_0_NTNV_13/25_1475.9-1496.7MHz_Limit:-50



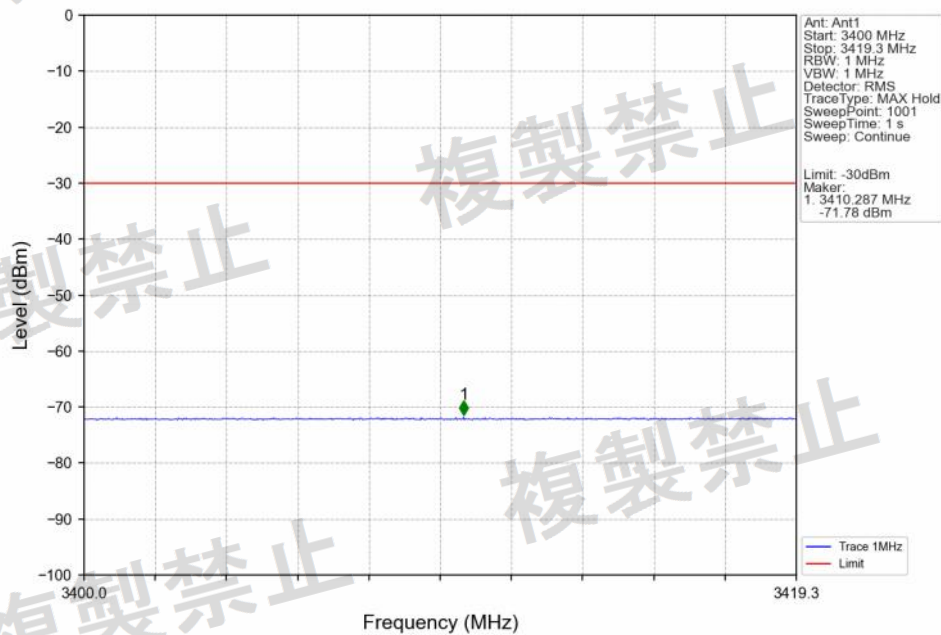




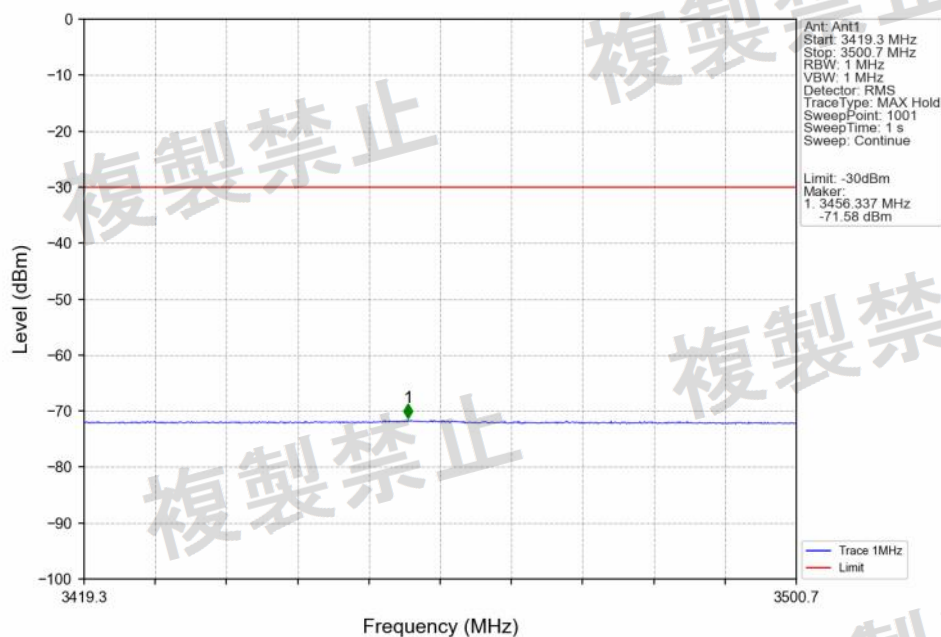


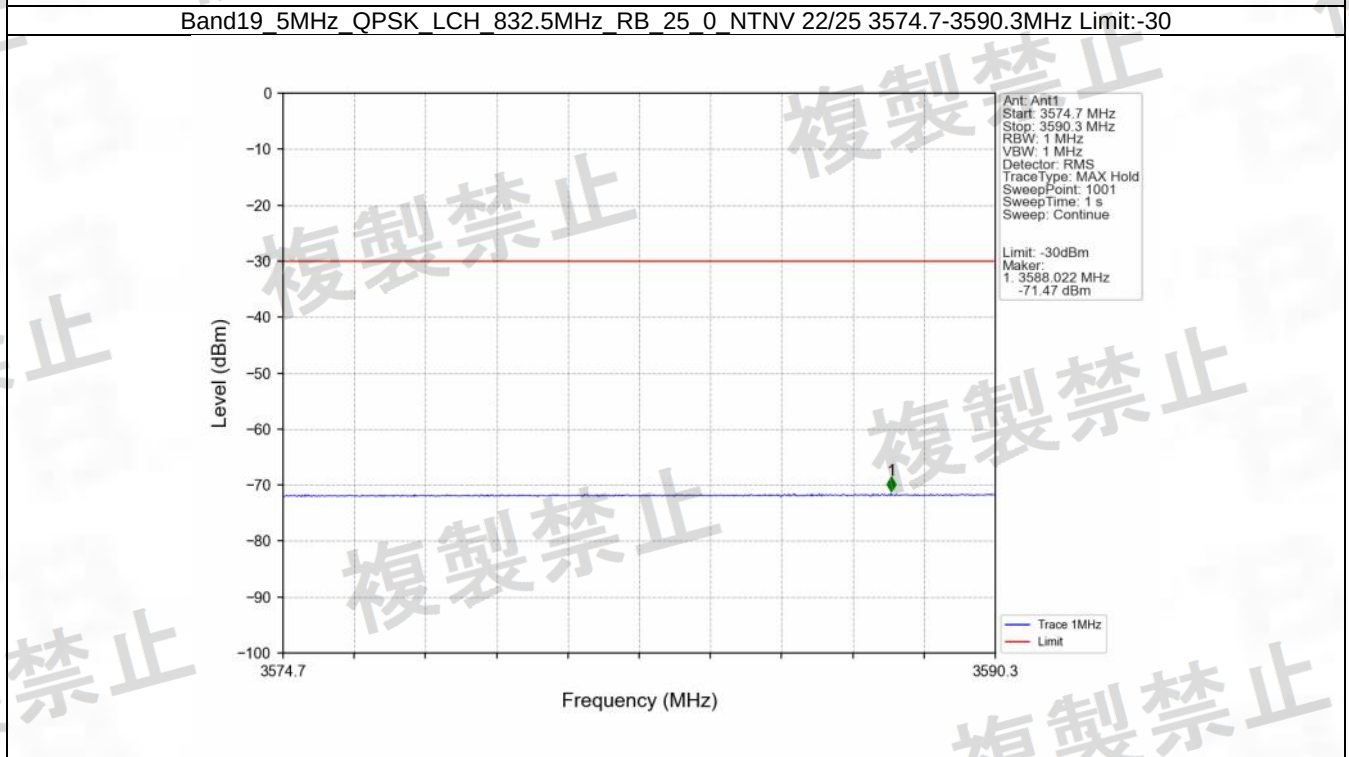
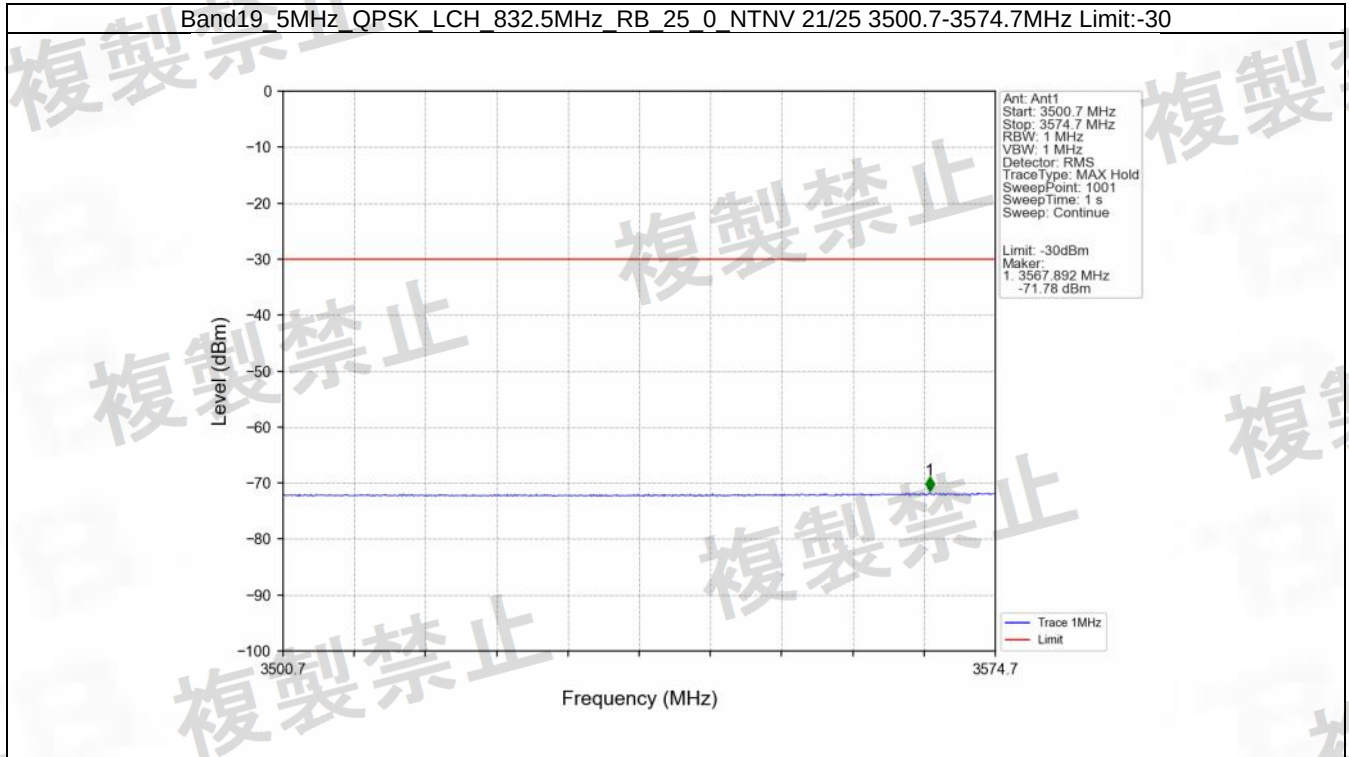


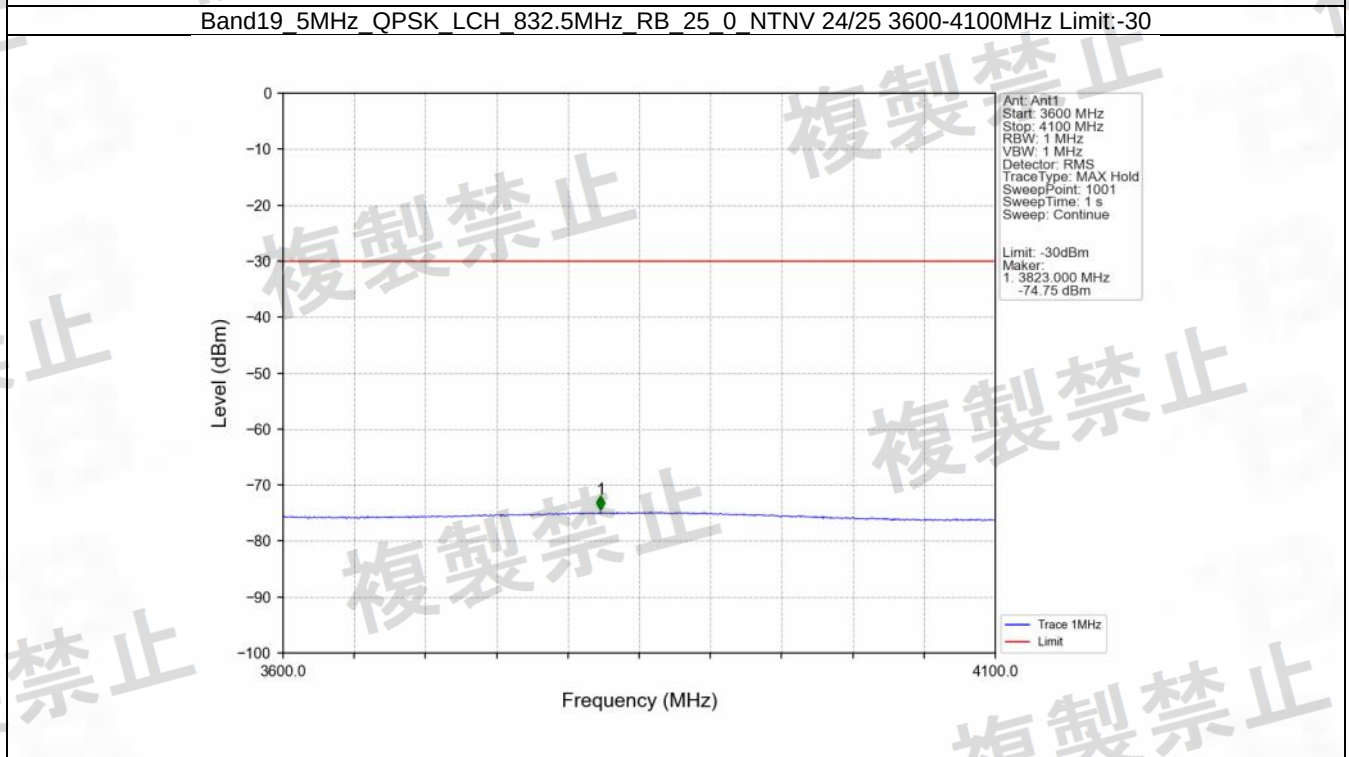
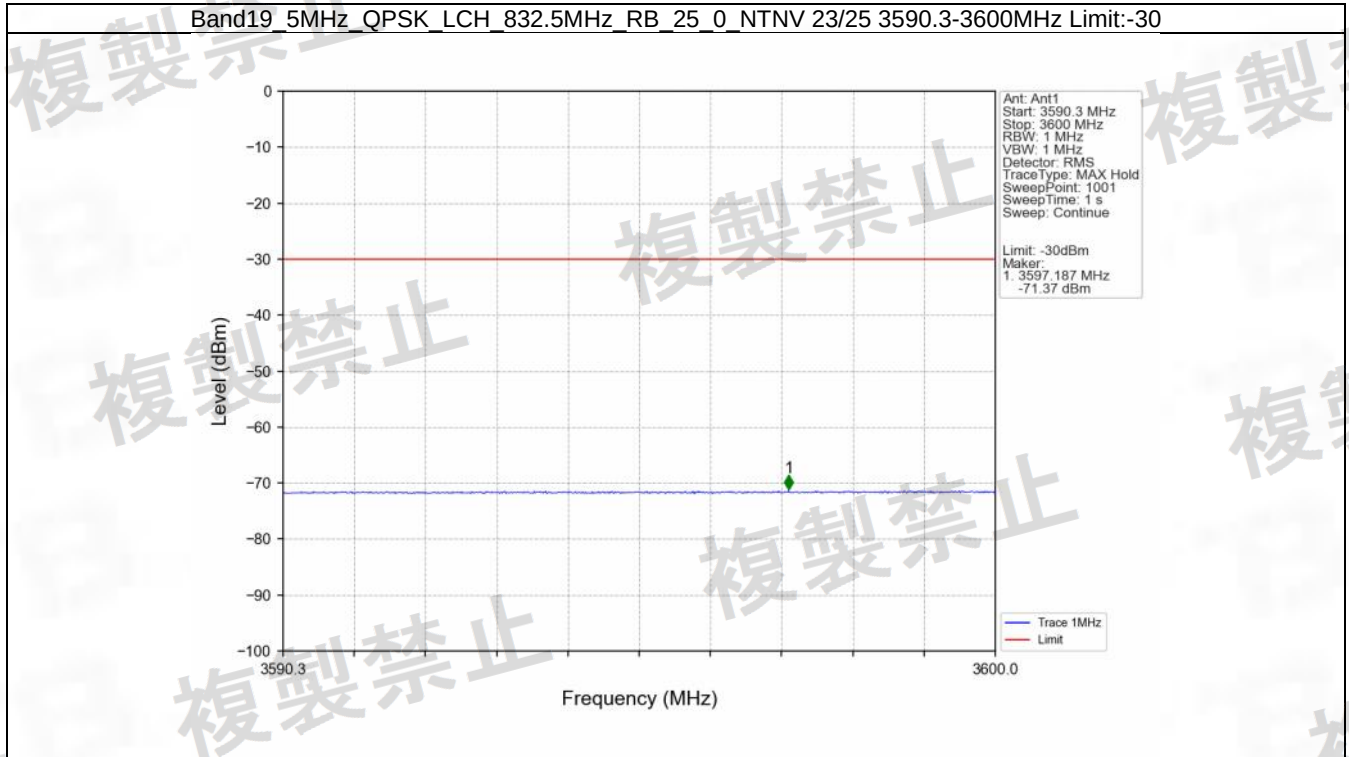
Band19 5MHz QPSK LCH 832.5MHz RB 25 0 NTN 19/25 3400-3419.3MHz Limit:-30

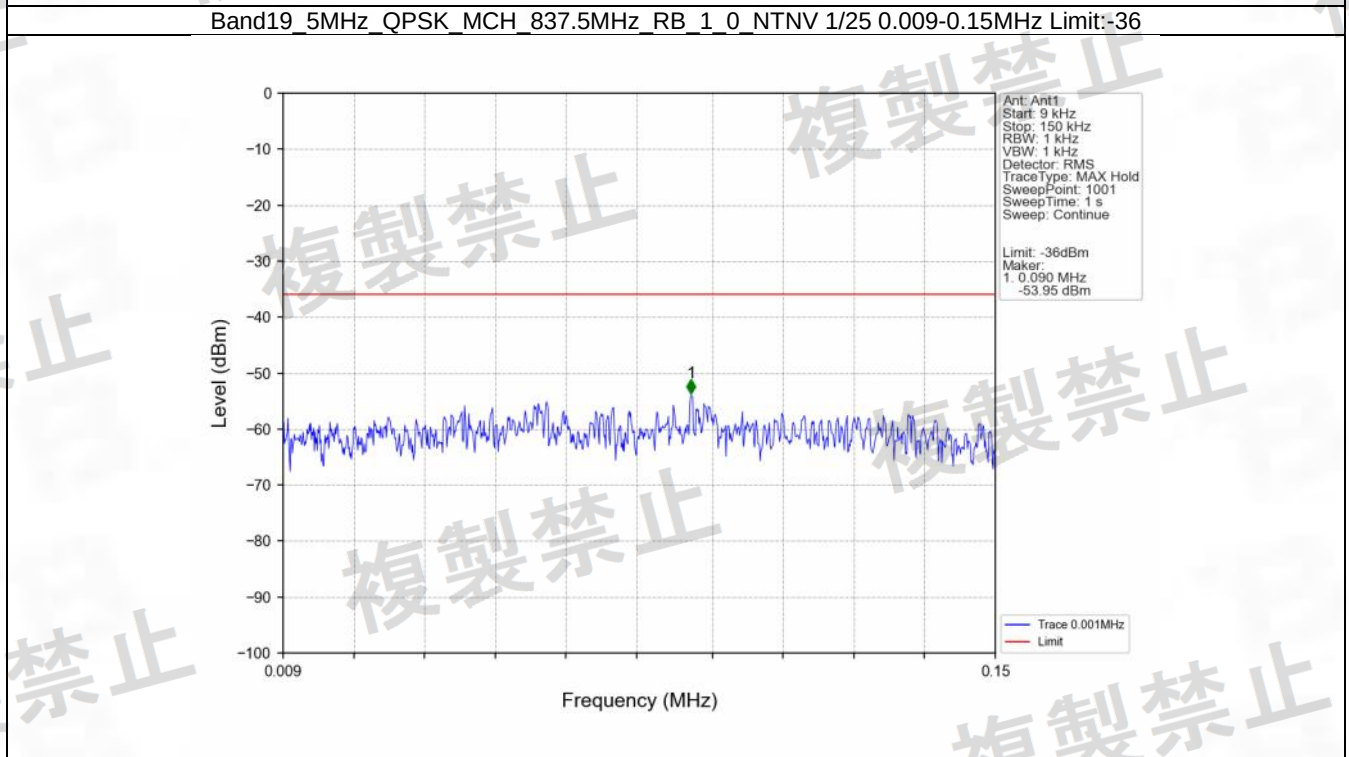
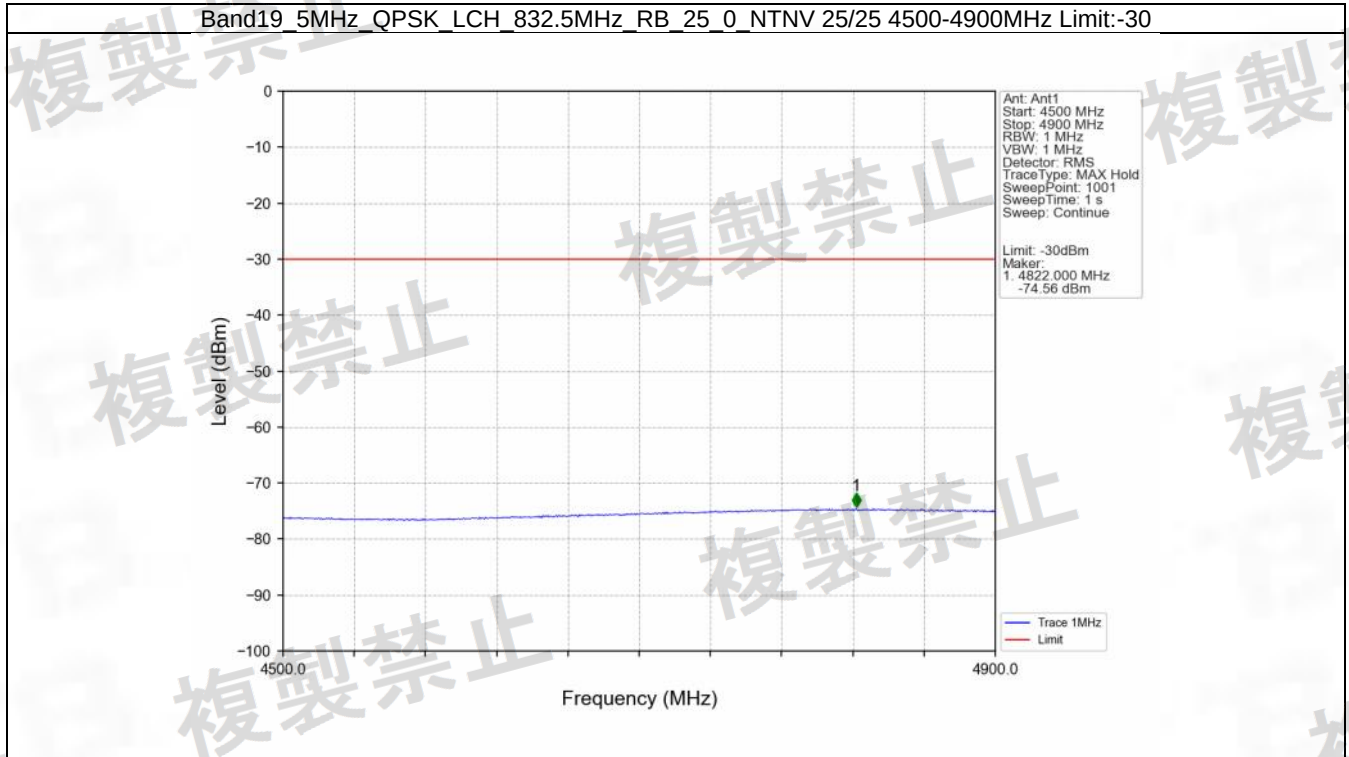


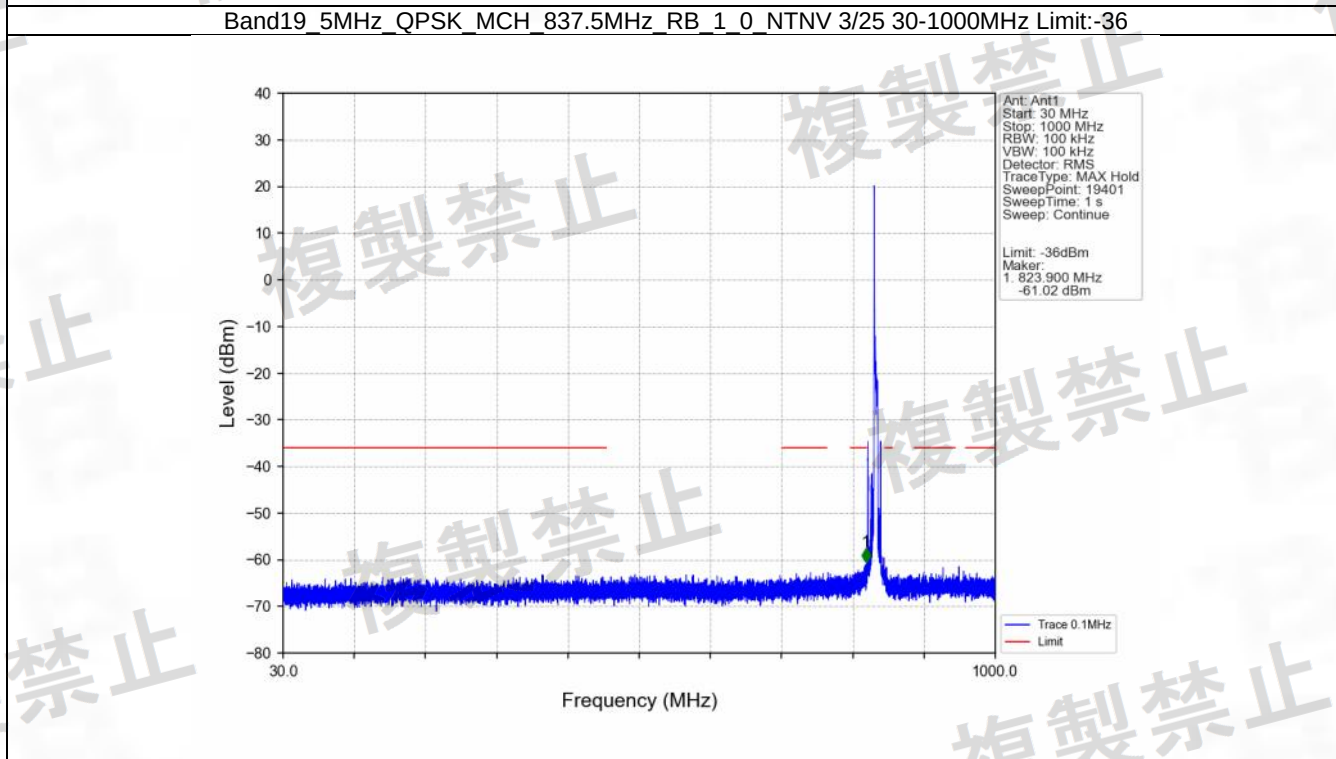
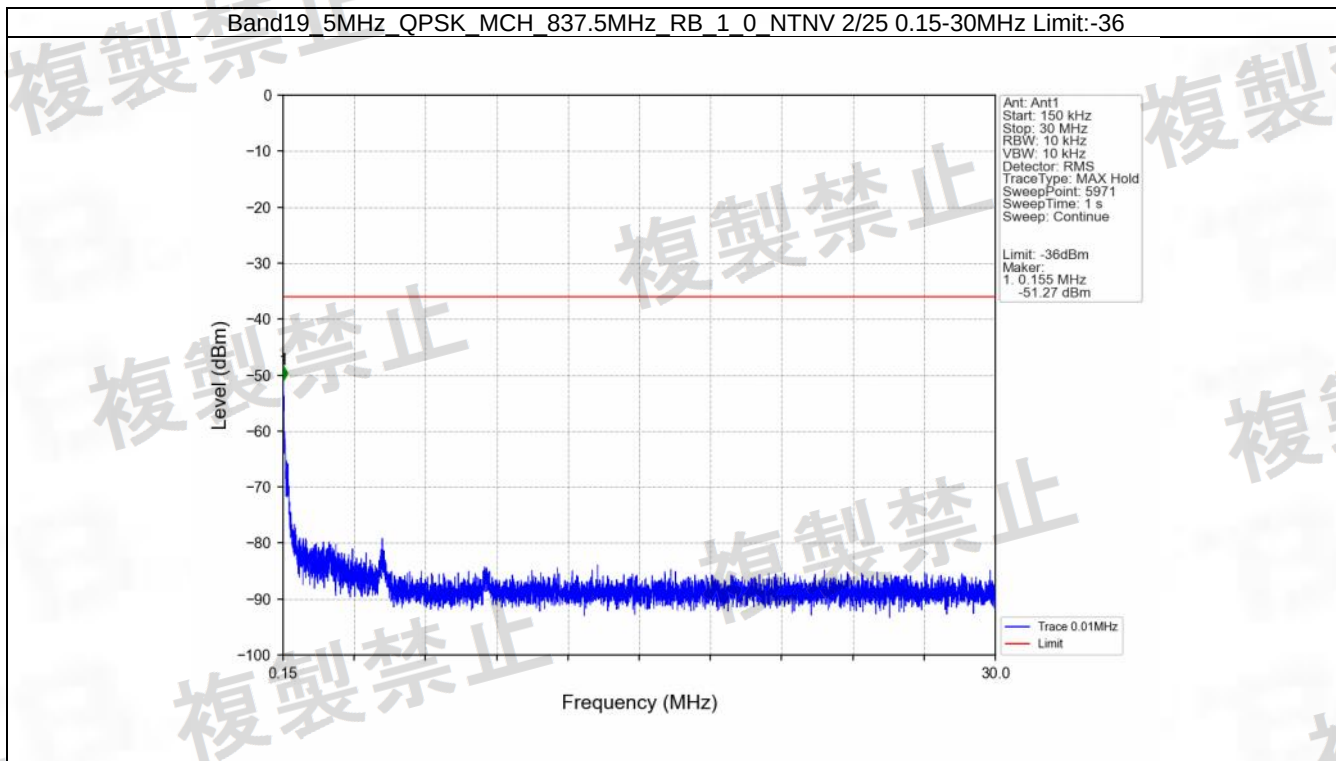
Band19 5MHz QPSK LCH 832.5MHz RB 25 0 NTN 20/25 3419.3-3500.7MHz Limit:-30

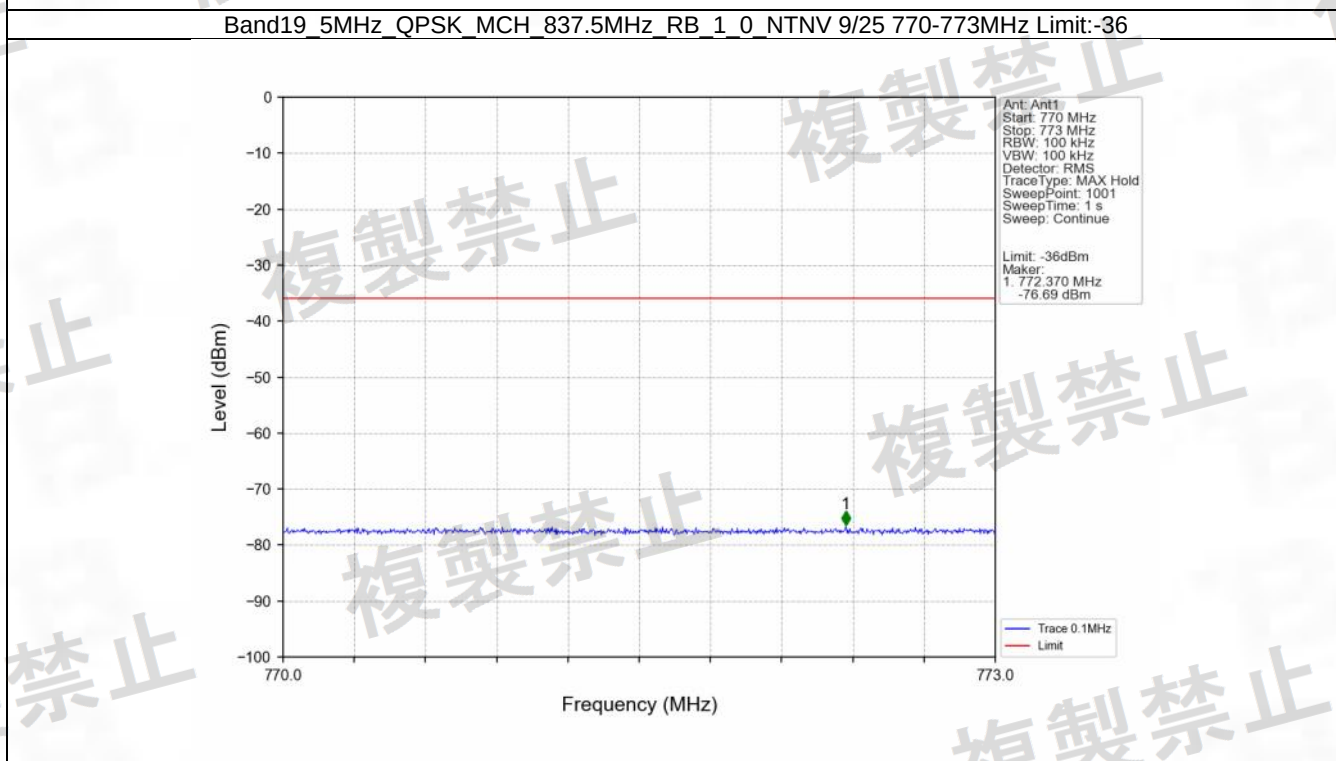
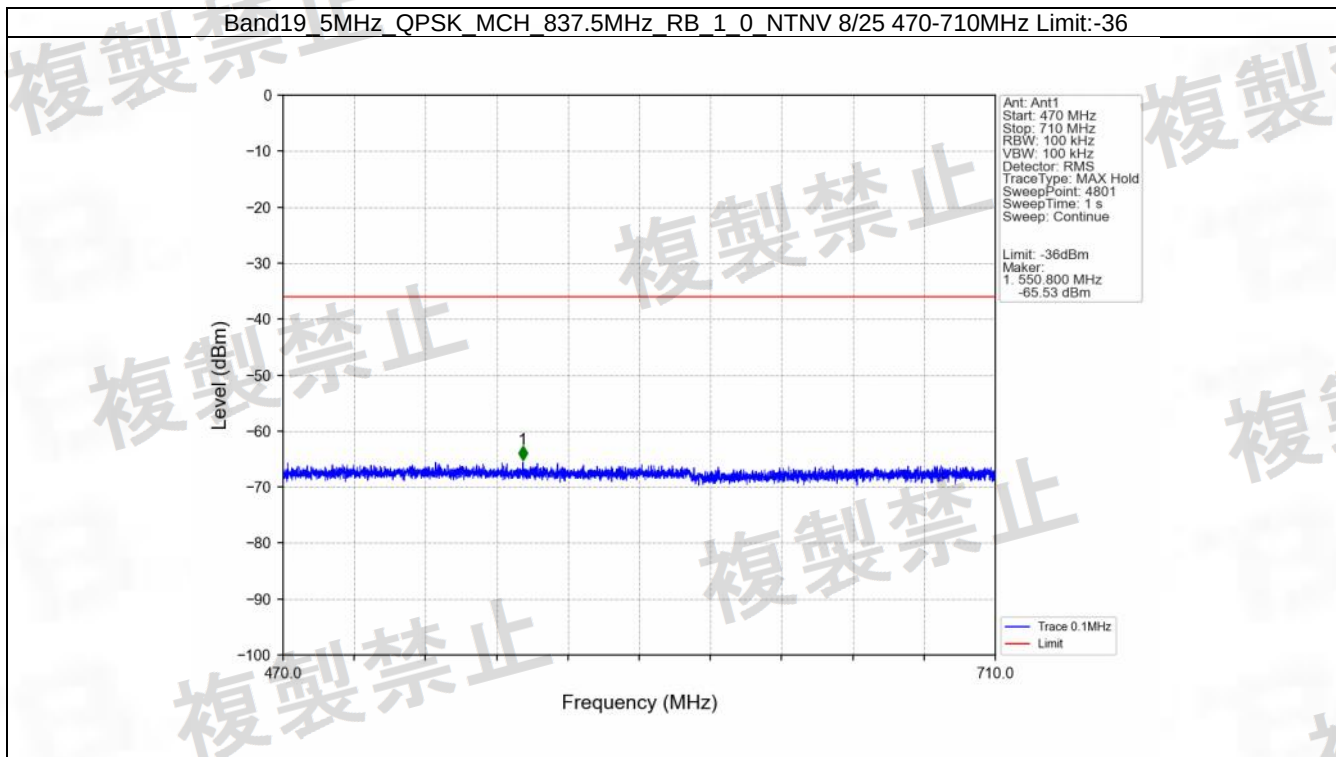




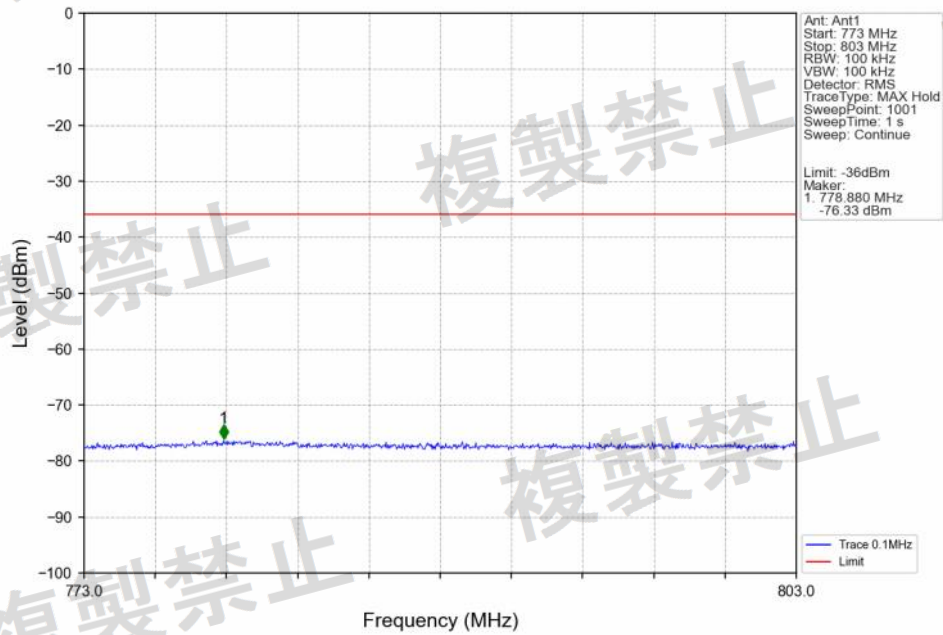




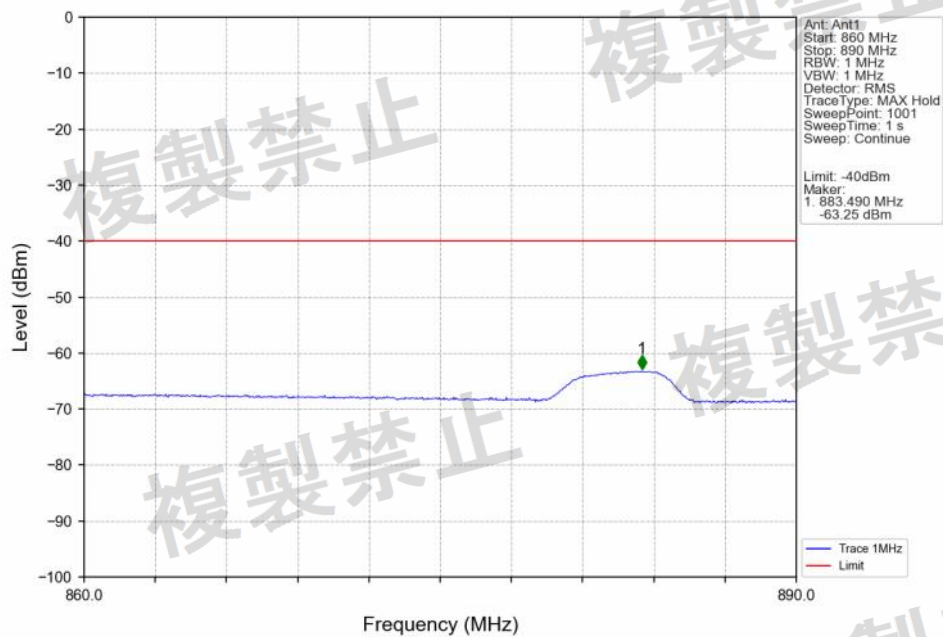




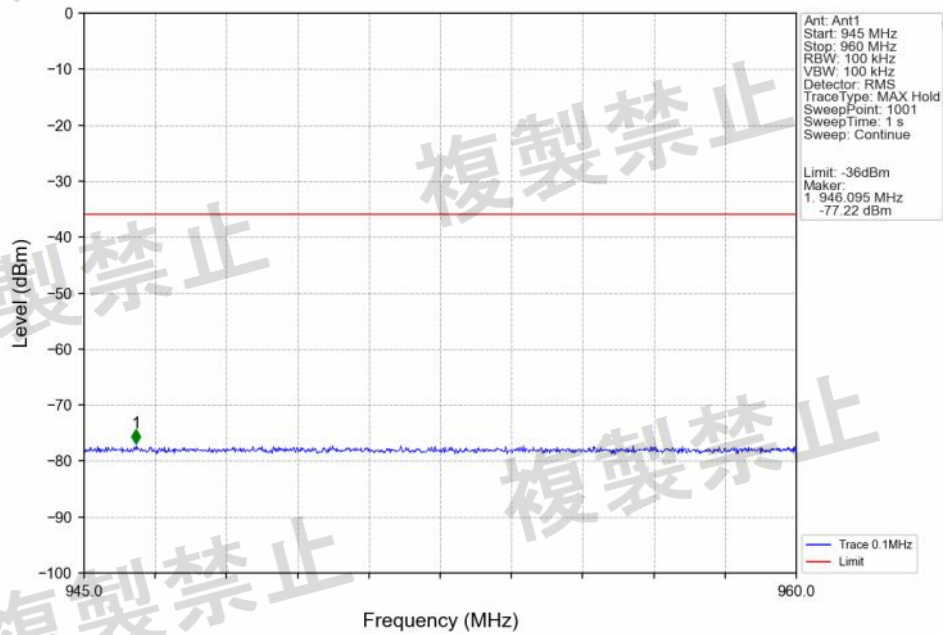
Band19_5MHz_QPSK_MCH_837.5MHz_RB_1_0_NTNV_10/25_773-803MHz_Limit:-36



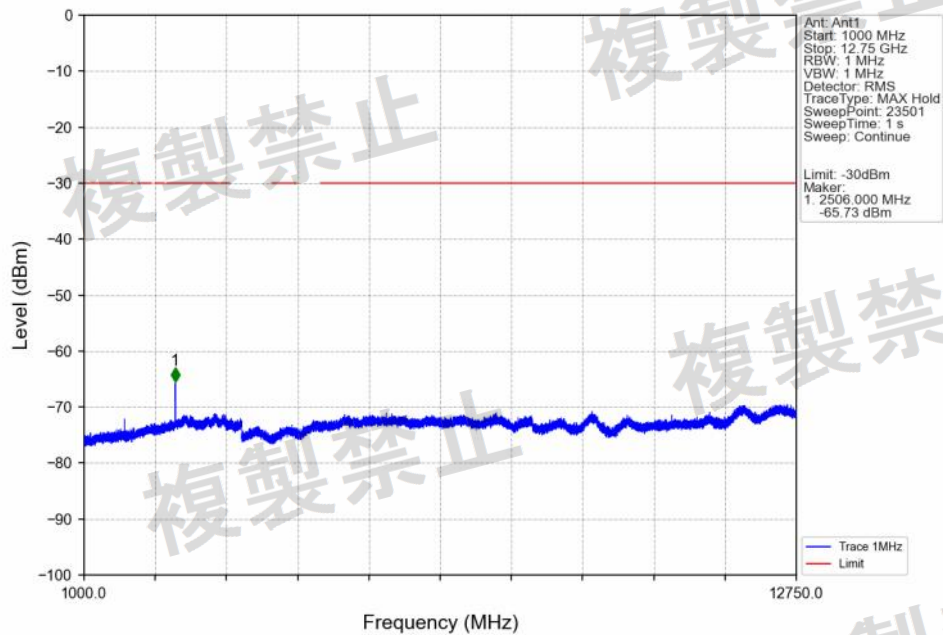
Band19_5MHz_QPSK_MCH_837.5MHz_RB_1_0_NTNV_11/25_860-890MHz_Limit:-40

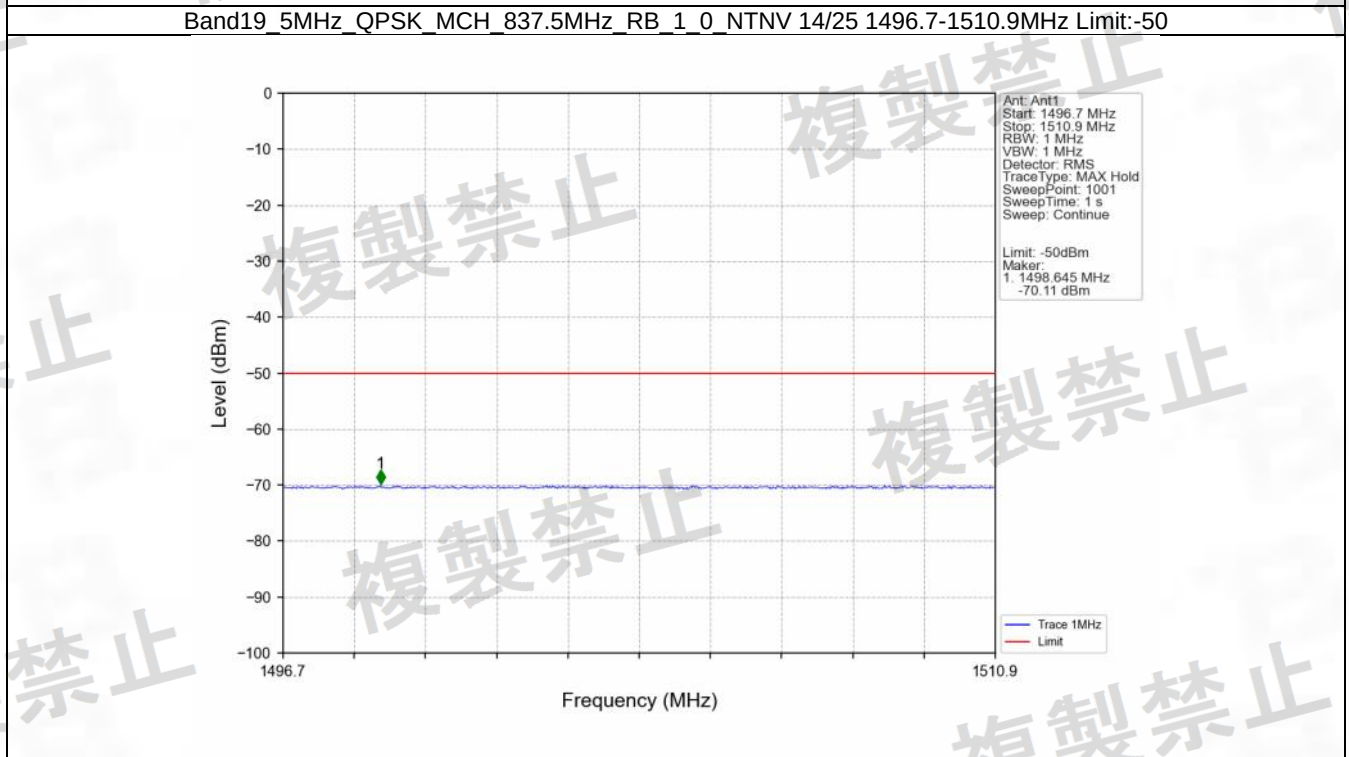
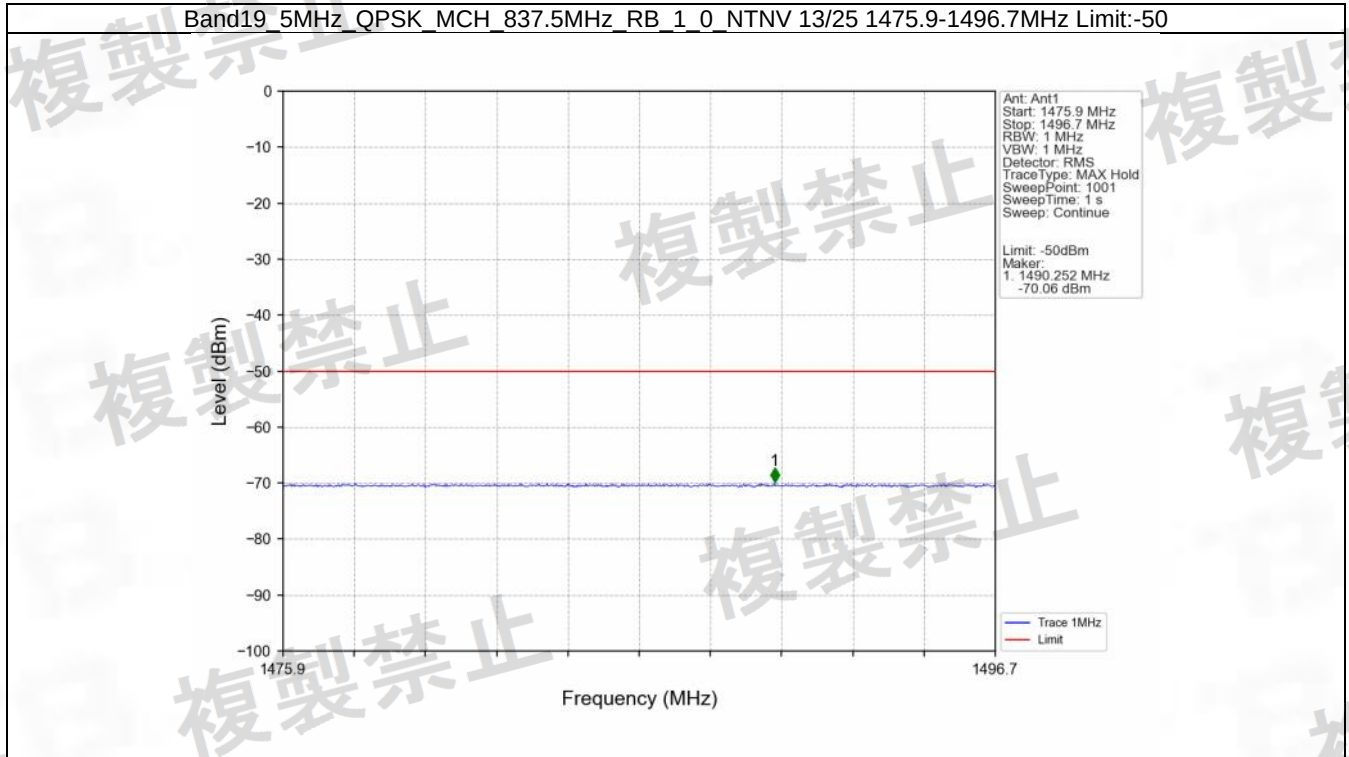


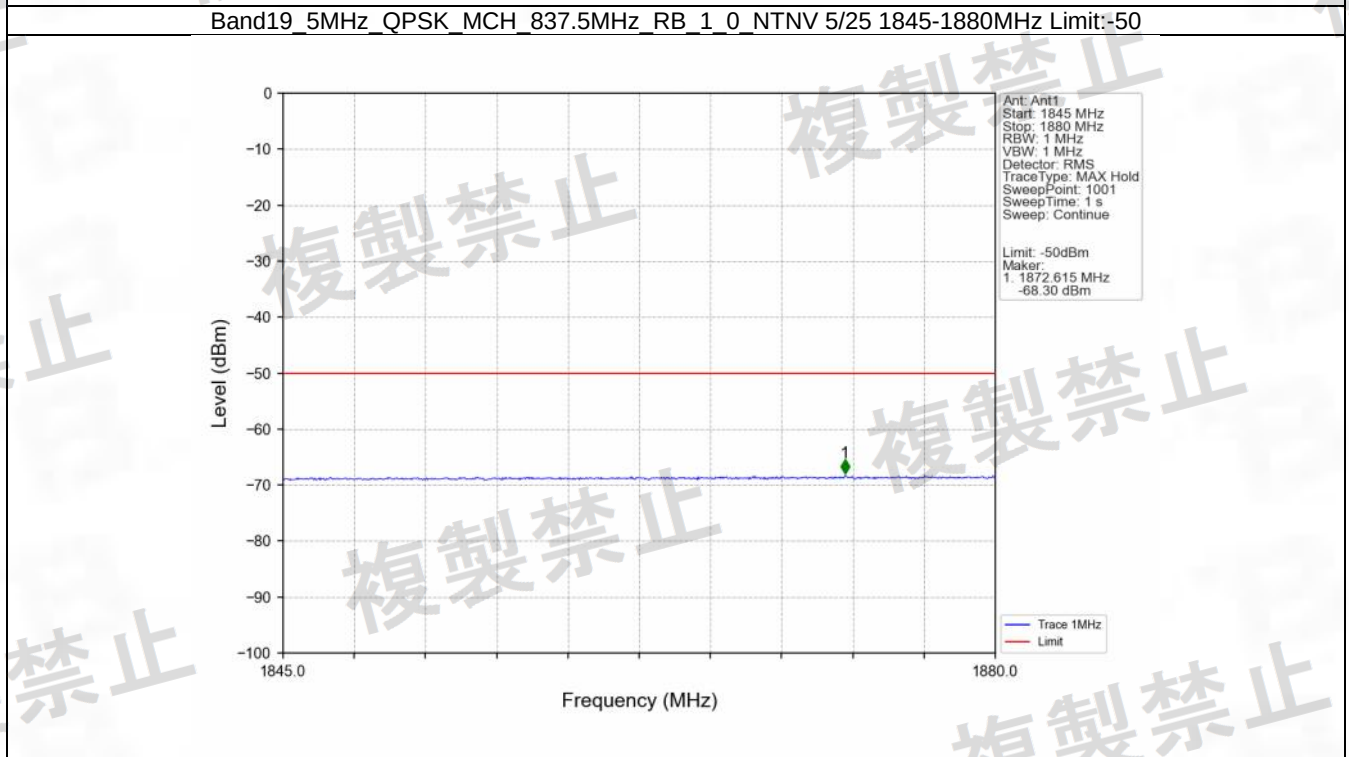
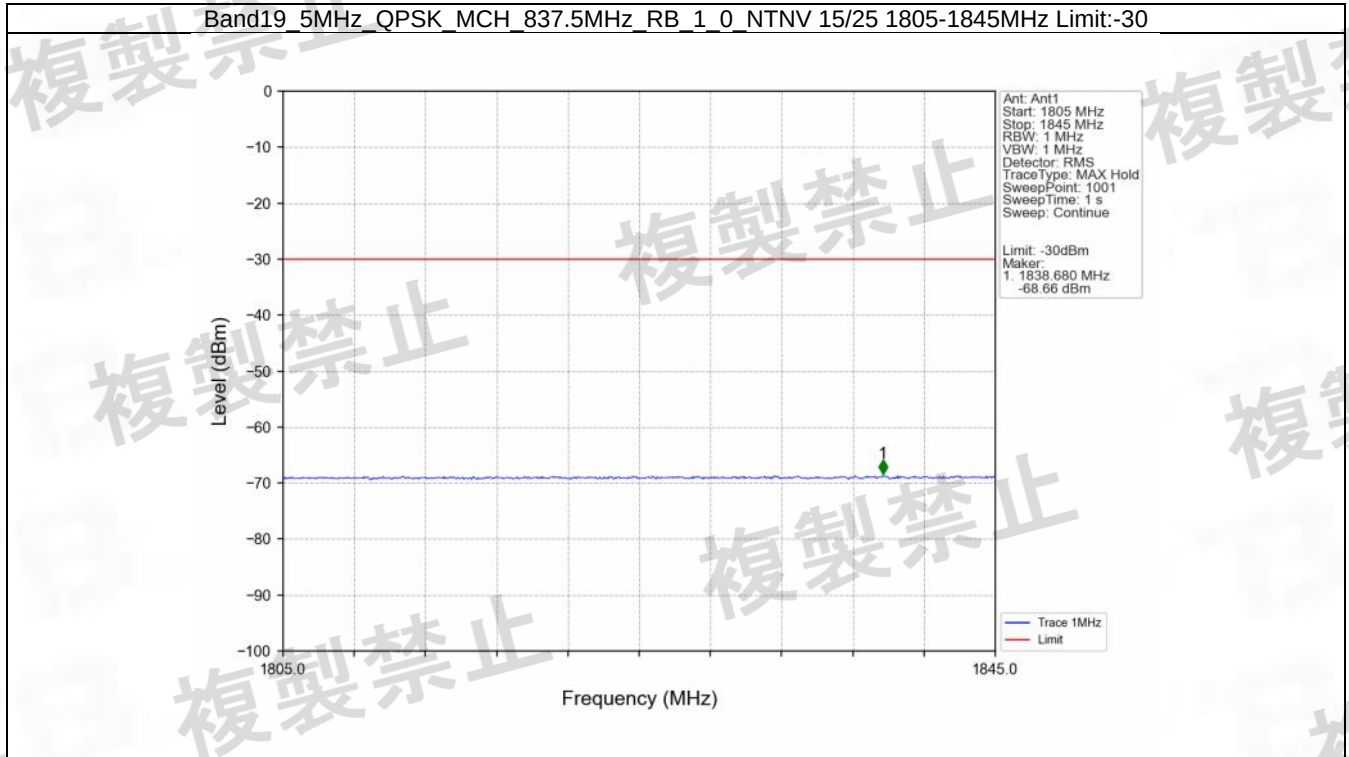
Band19 5MHz QPSK MCH 837.5MHz RB 1 0 NTNV 12/25 945-960MHz Limit:-36



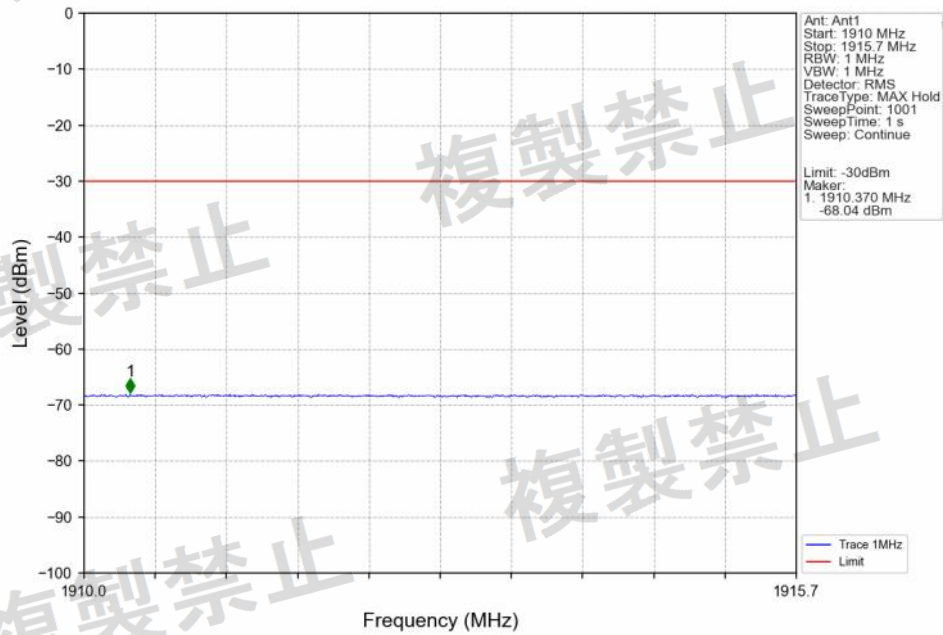
Band19 5MHz QPSK MCH 837.5MHz RB 1 0 NTNV 4/25 1000-12750MHz Limit:-30



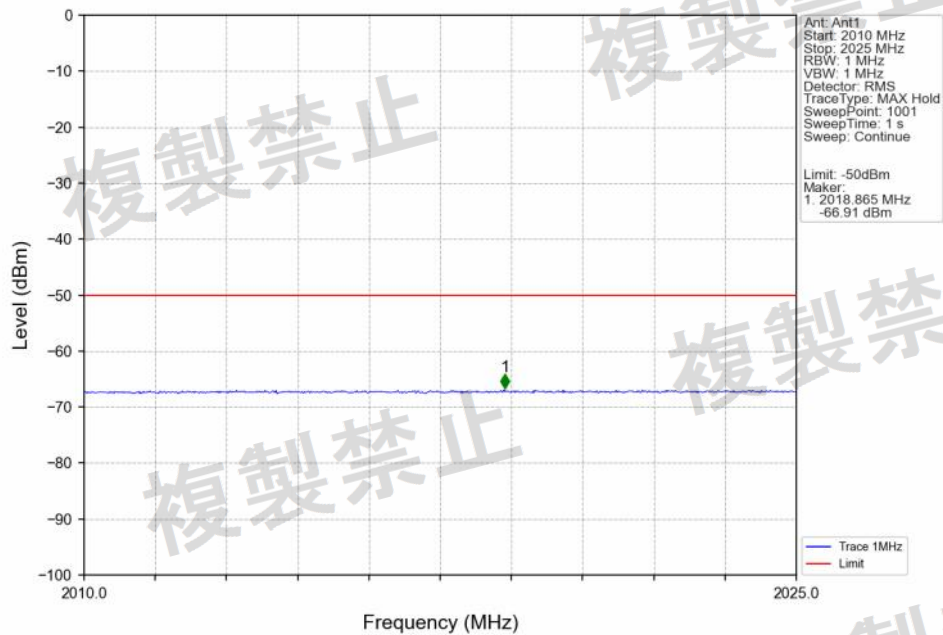


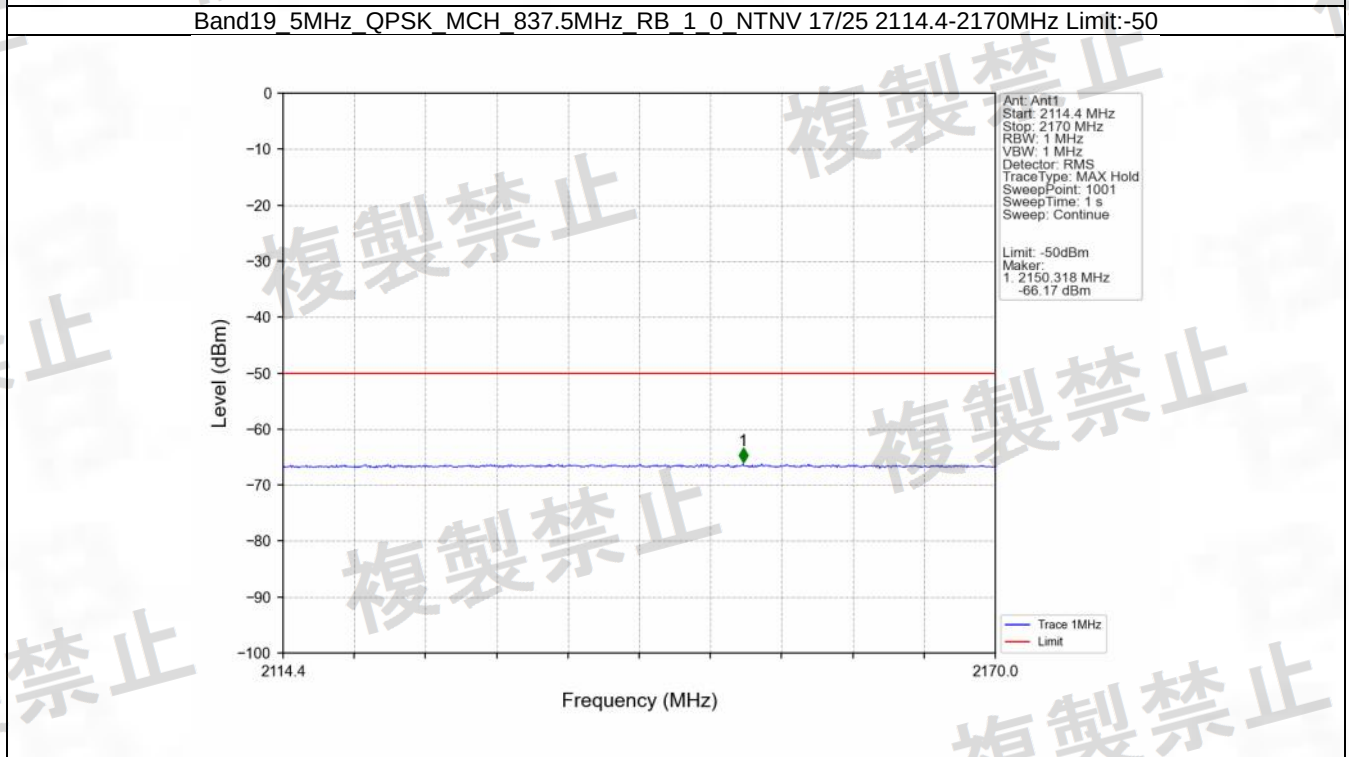
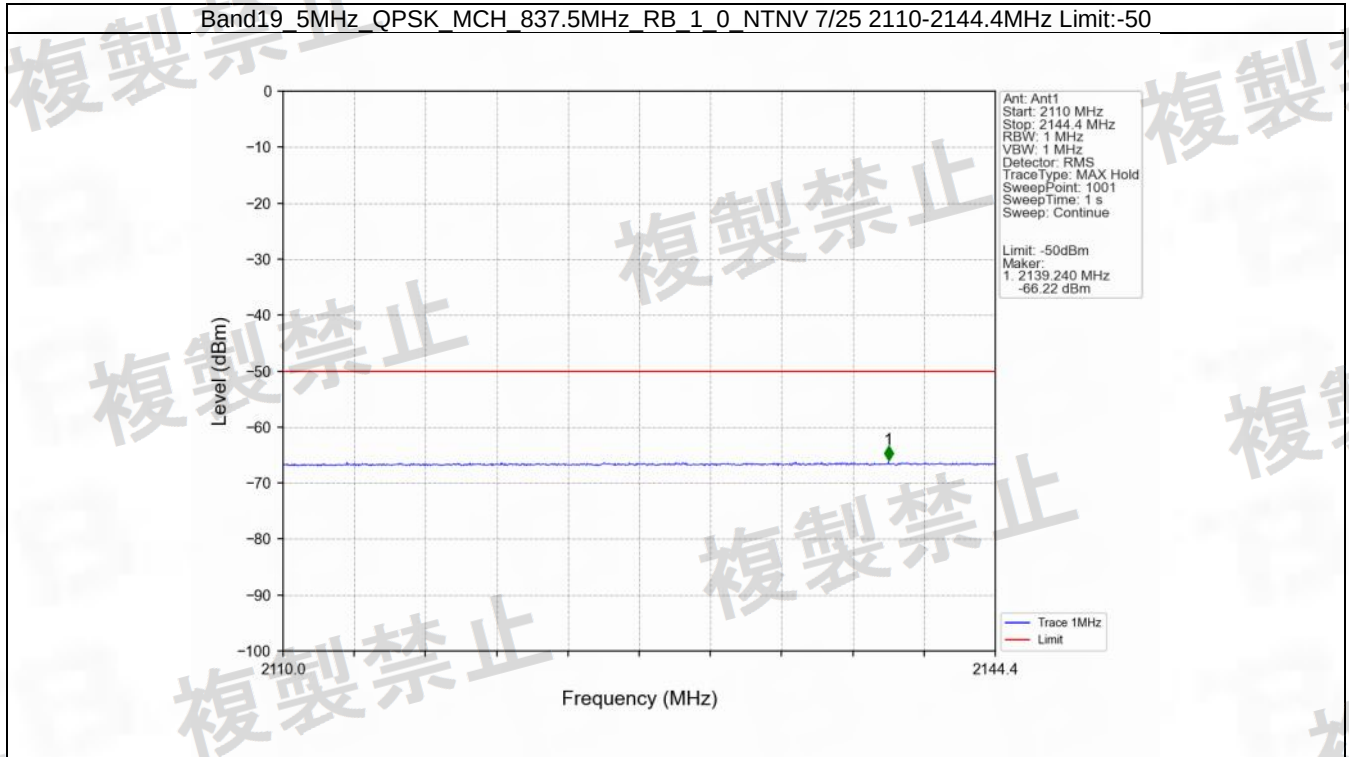


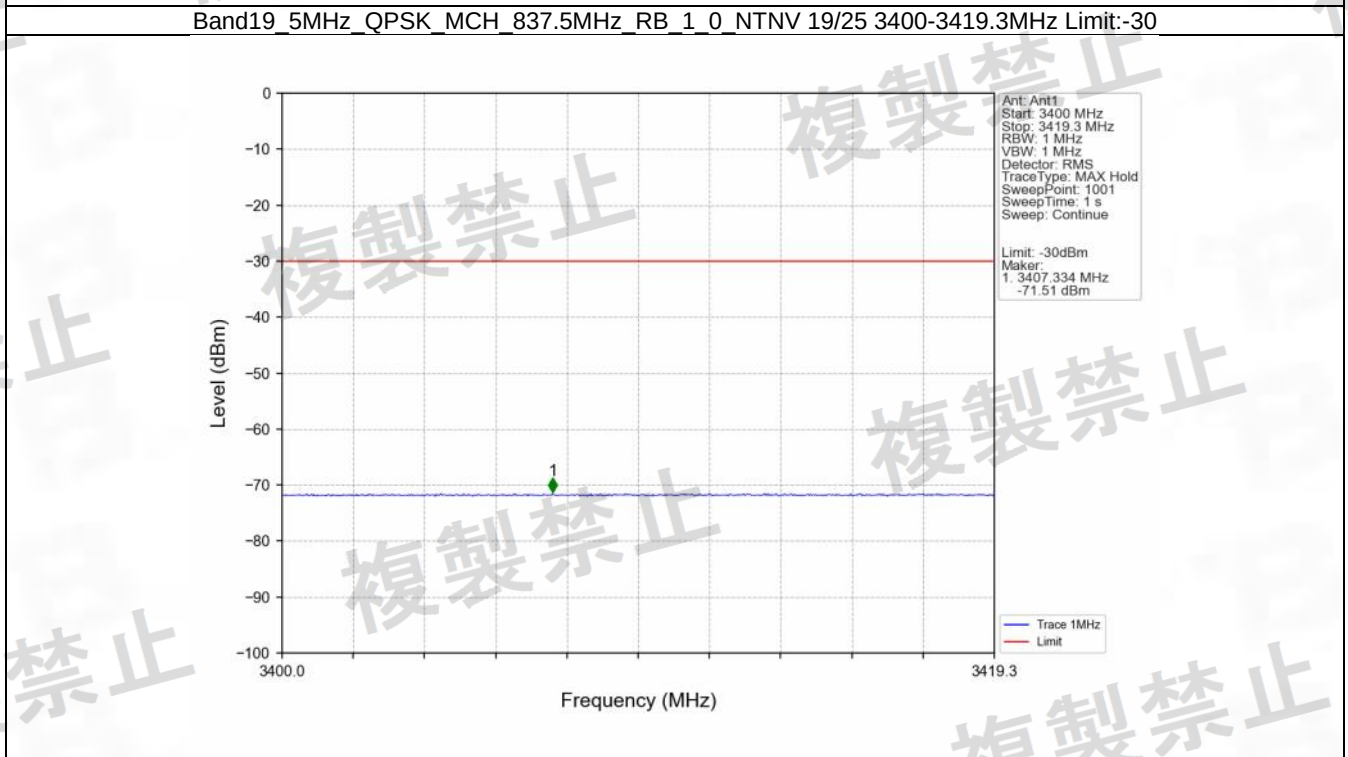
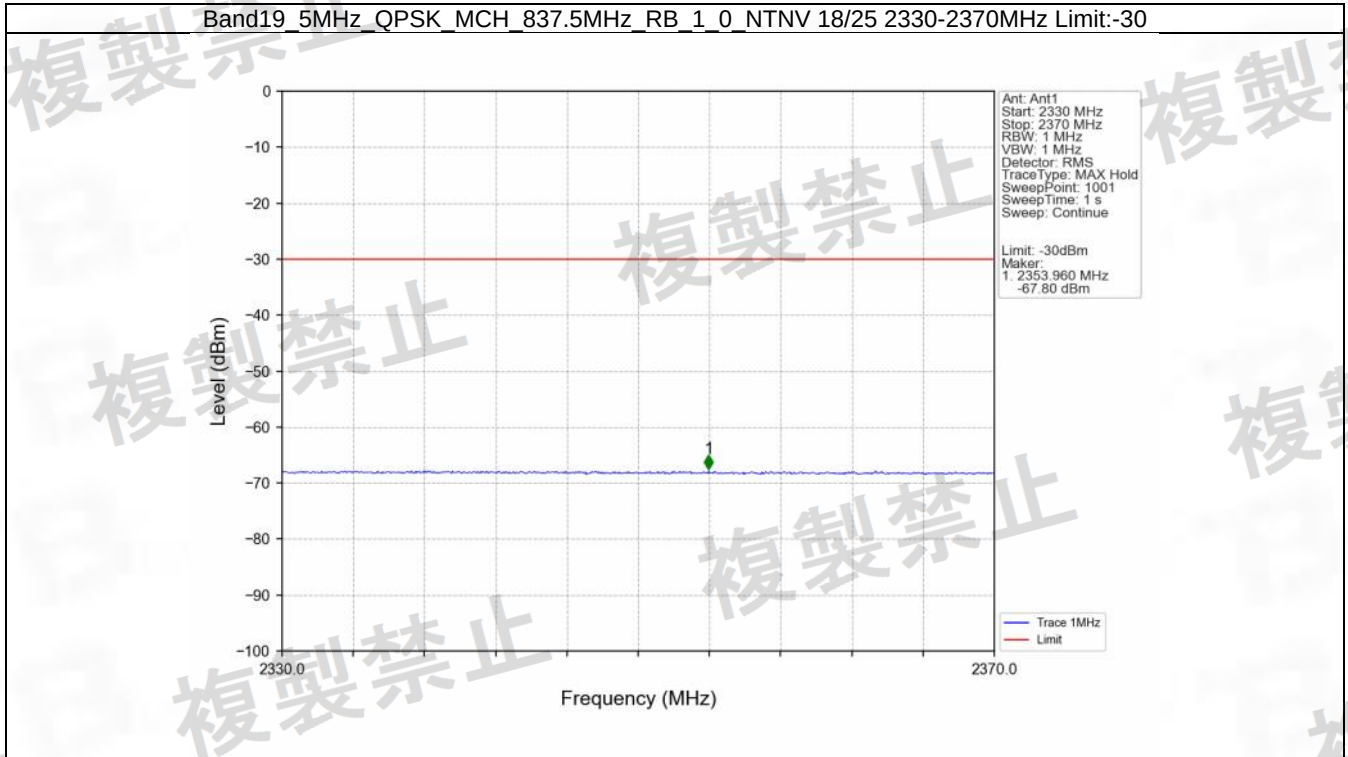
Band19 5MHz QPSK MCH 837.5MHz RB 1 0 NTNV 16/25 1910-1915.7MHz Limit:-30

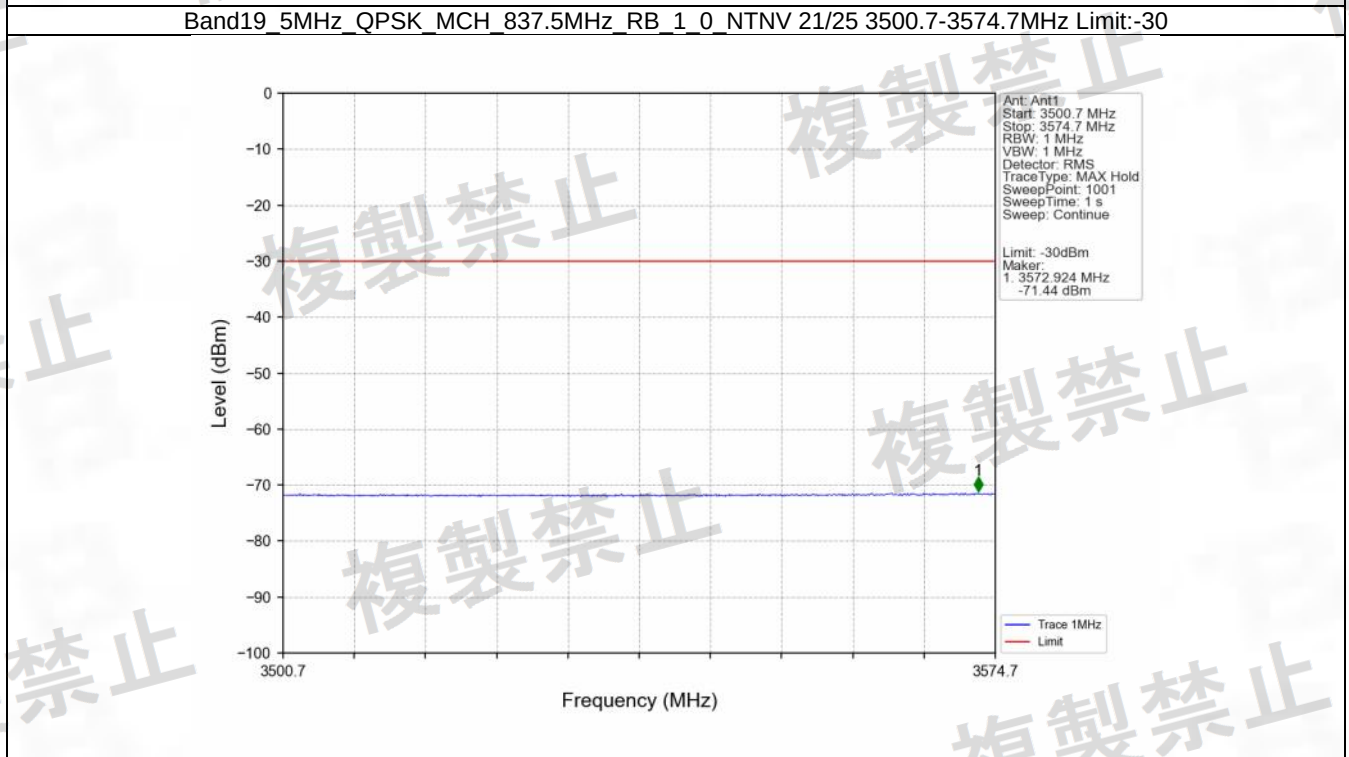
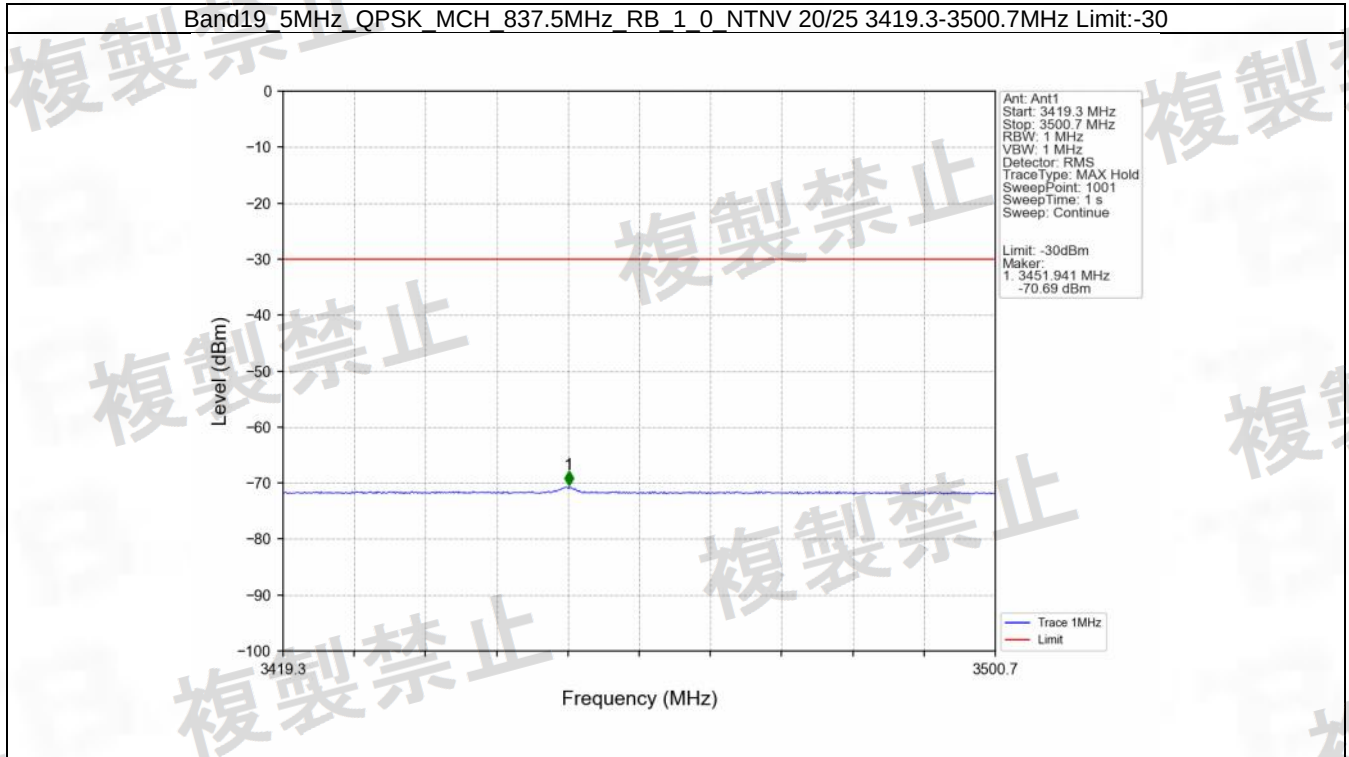


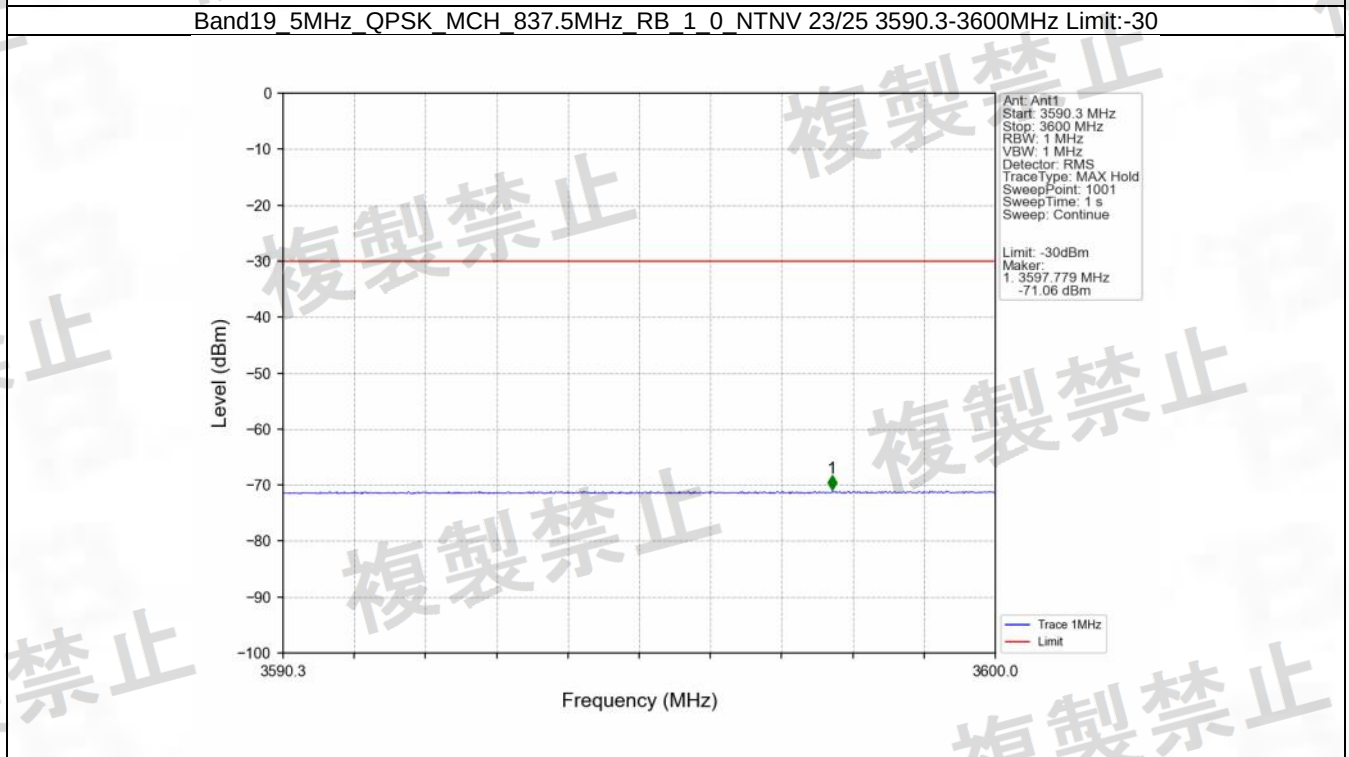
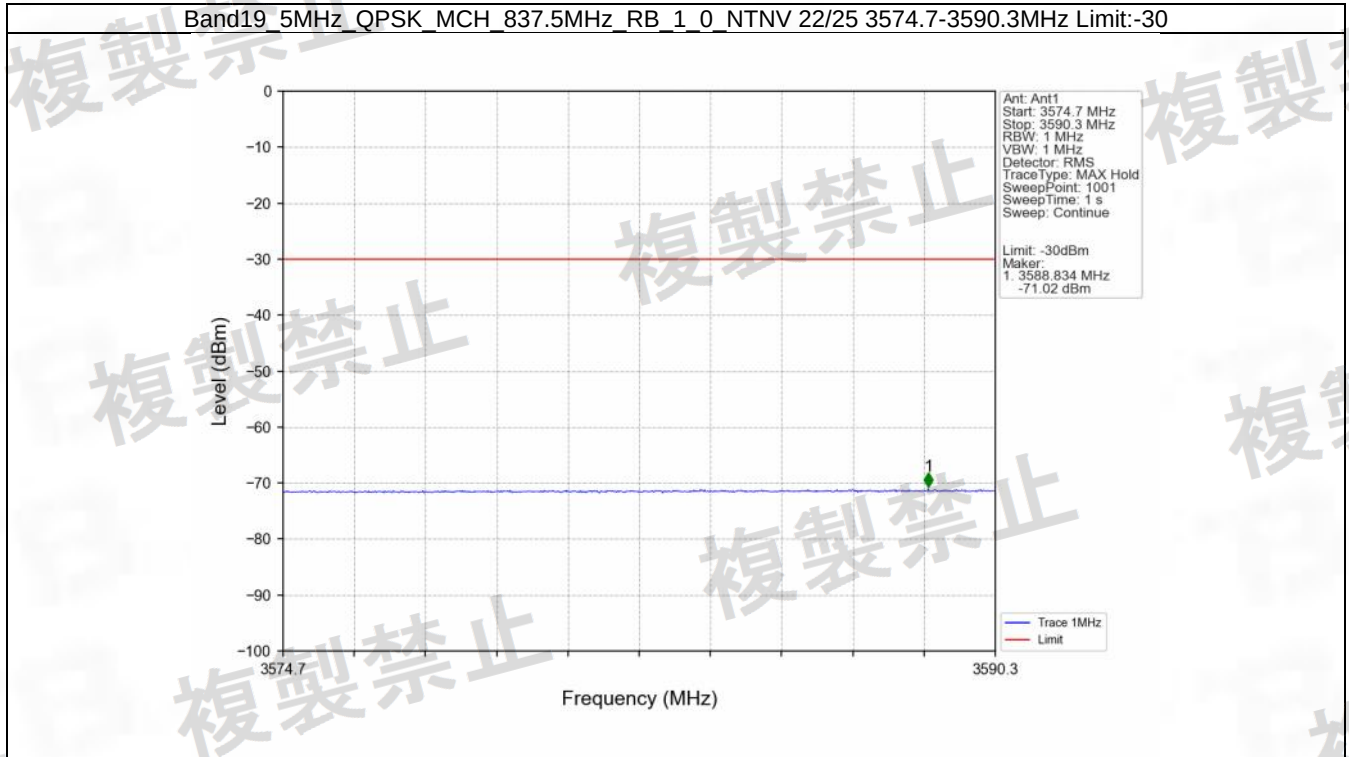
Band19 5MHz QPSK MCH 837.5MHz RB 1 0 NTNV 6/25 2010-2025MHz Limit:-50

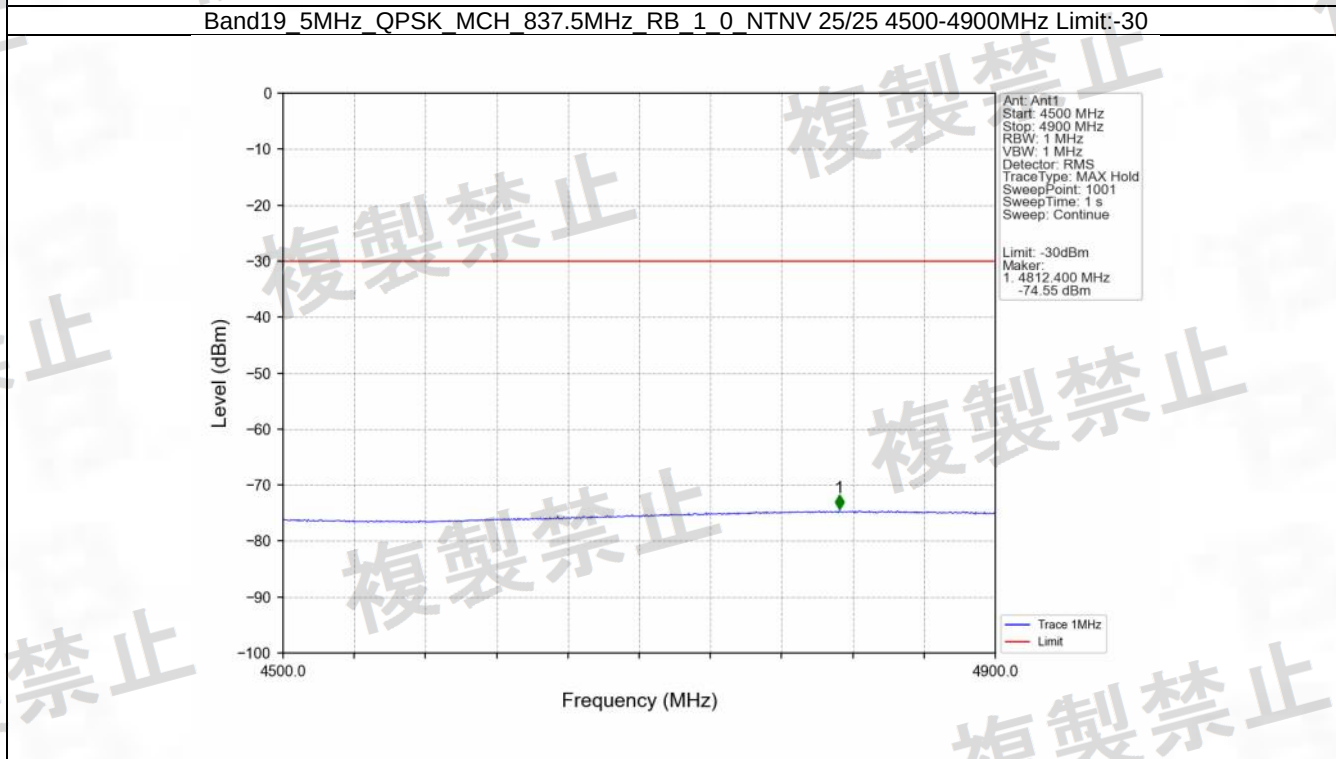
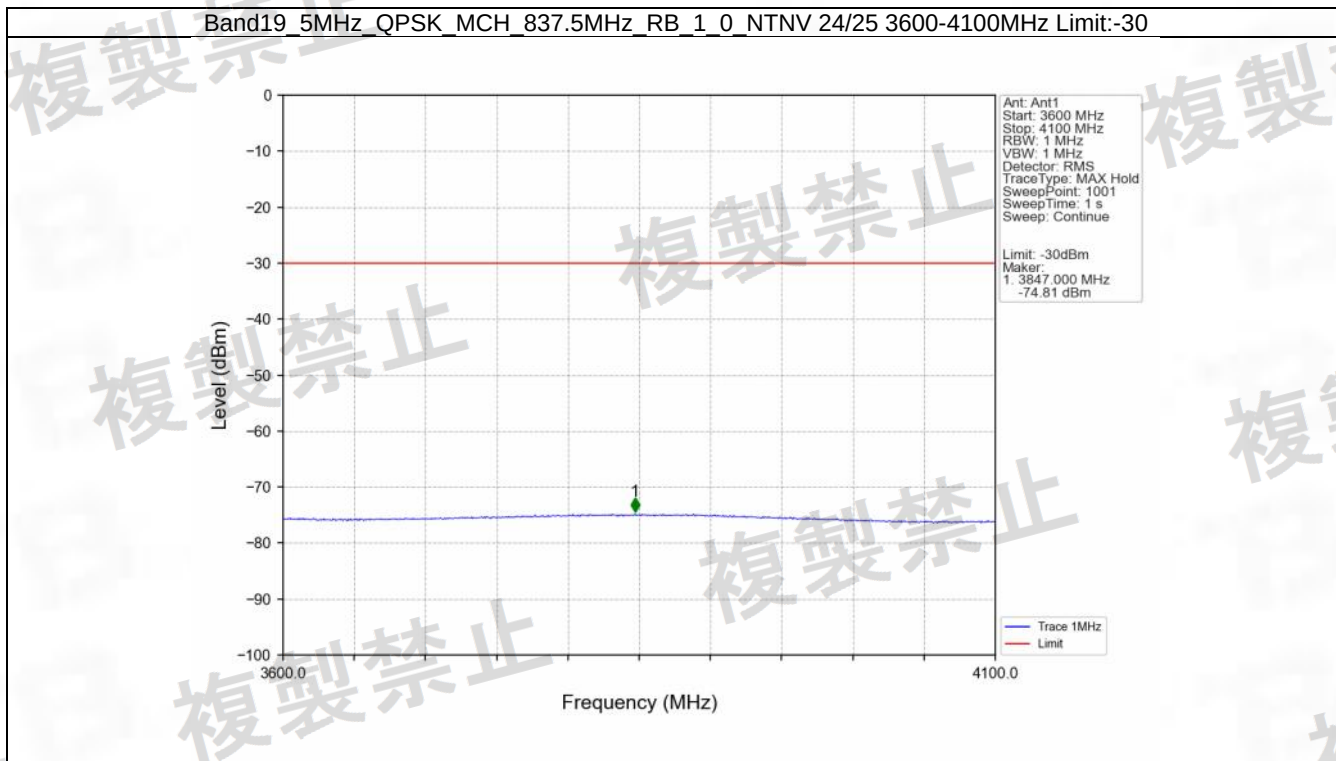




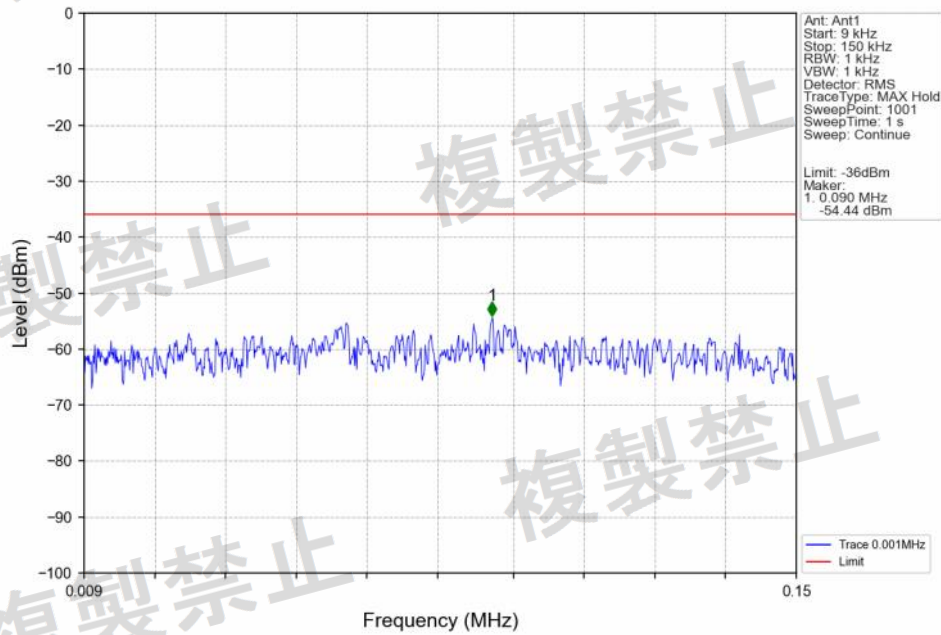




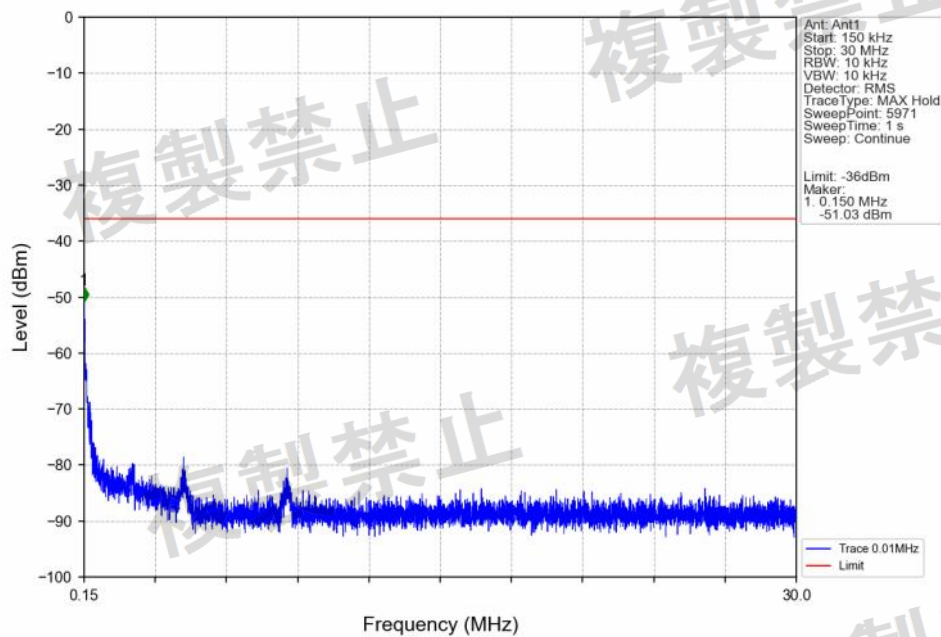




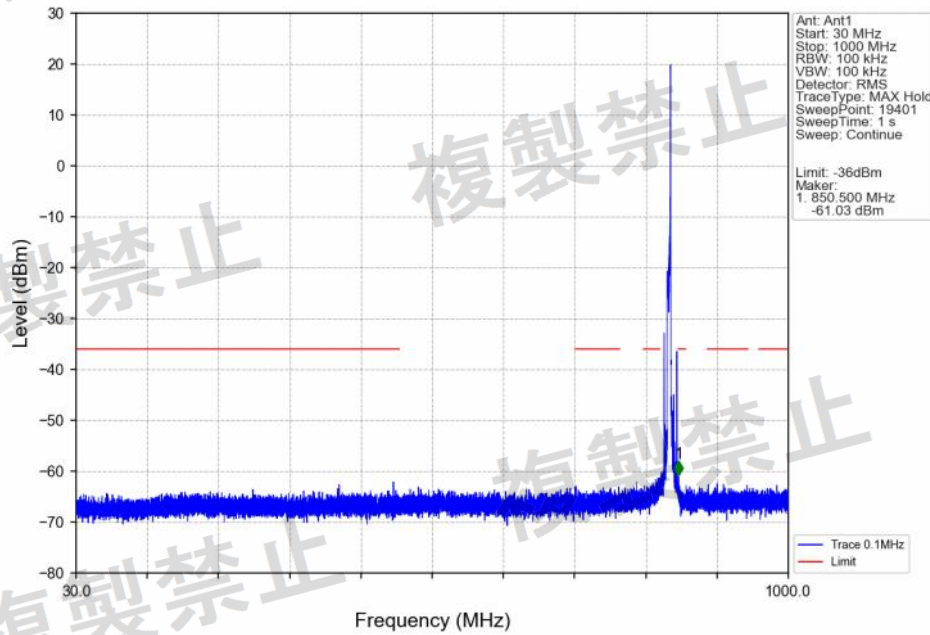
Band19 5MHz QPSK MCH 837.5MHz RB 1 24 NTNV 1/25 0.009-0.15MHz Limit:-36



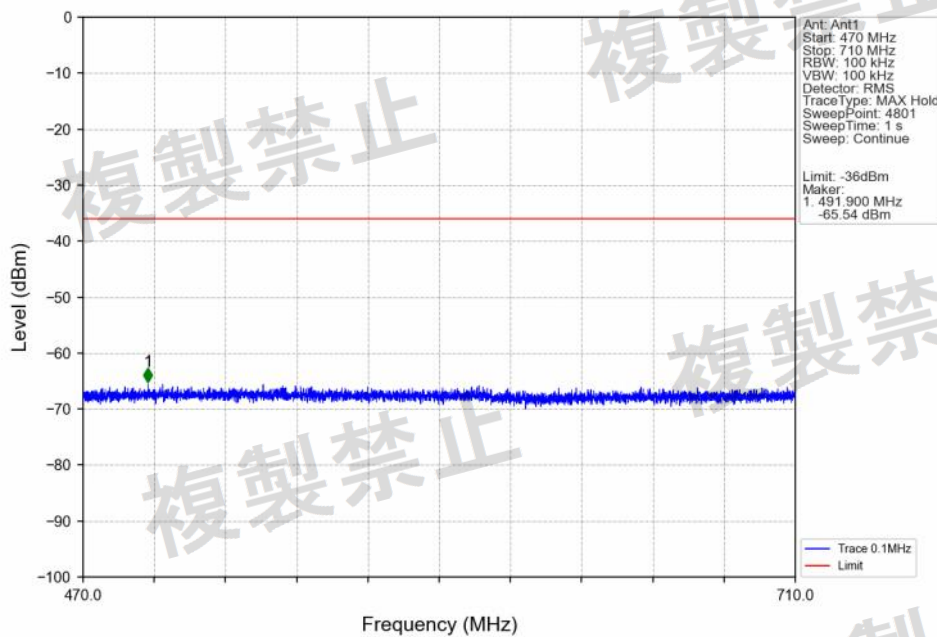
Band19 5MHz QPSK MCH 837.5MHz RB 1 24 NTNV 2/25 0.15-30MHz Limit:-36



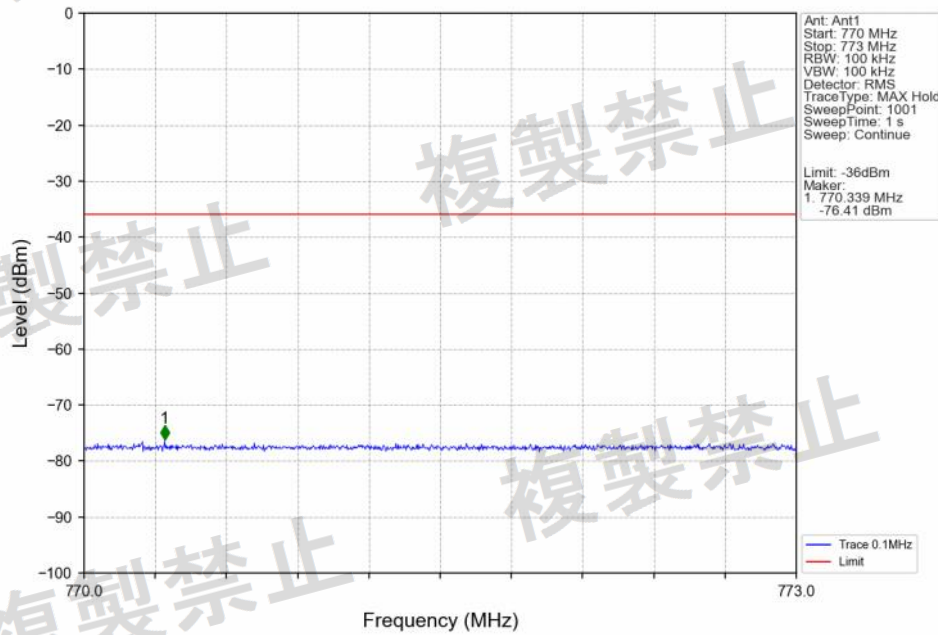
Band19_5MHz_QPSK_MCH_837.5MHz_RB_1_24_NTNV_3/25_30-1000MHz_Limit:-36



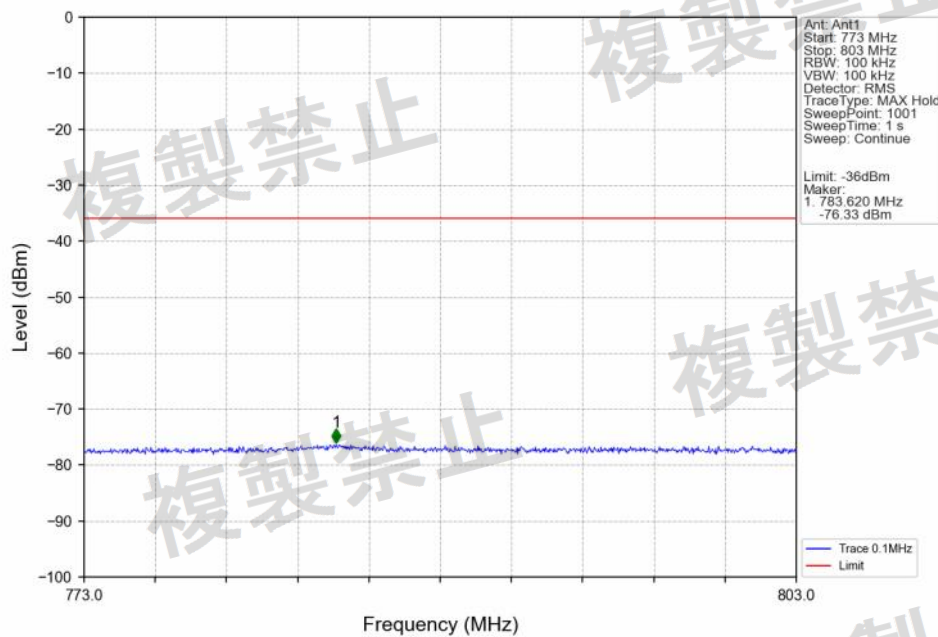
Band19_5MHz_QPSK_MCH_837.5MHz_RB_1_24_NTNV_8/25_470-710MHz_Limit:-36

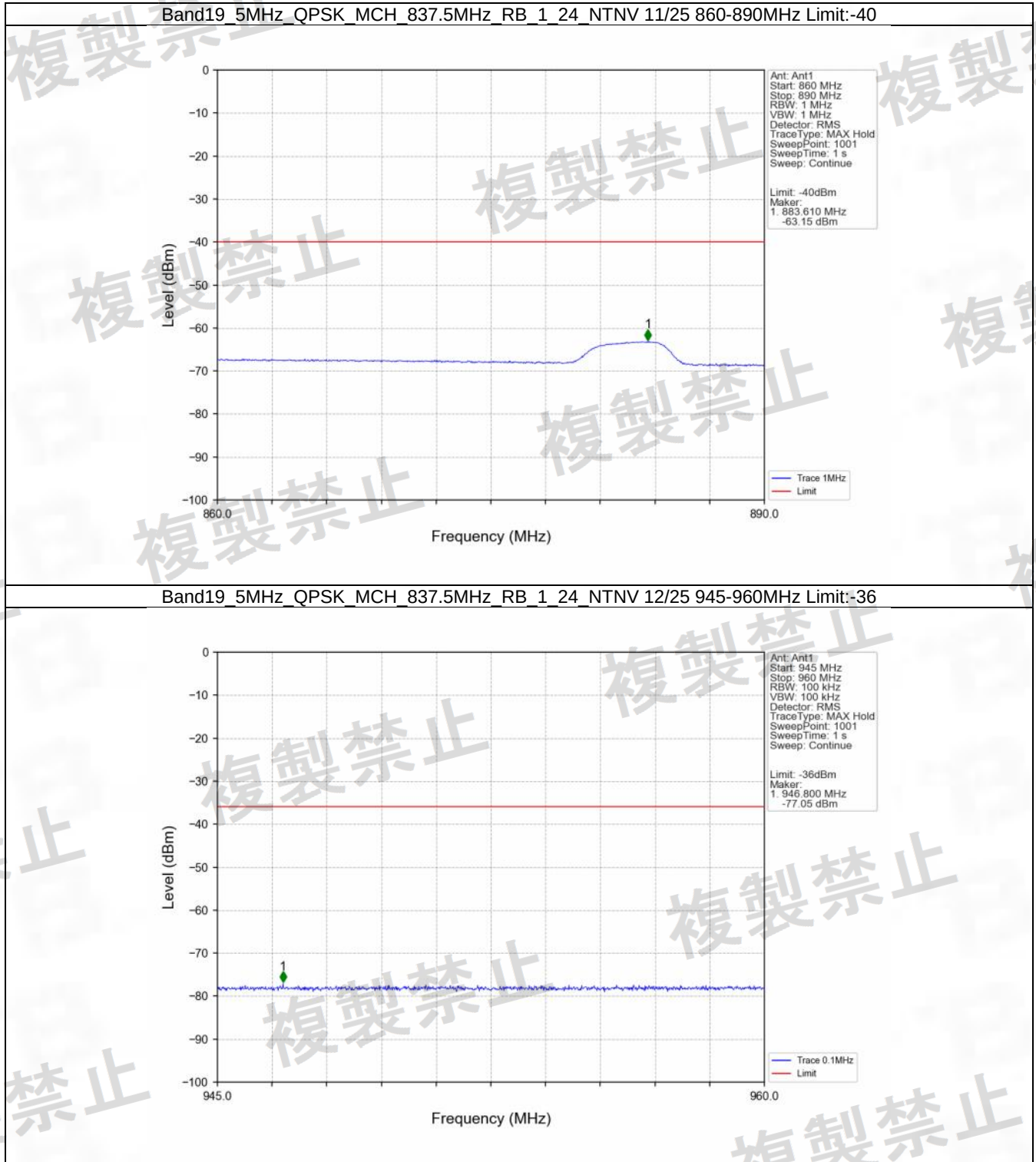


Band19 5MHz QPSK MCH 837.5MHz RB 1 24 NTNV 9/25 770-773MHz Limit:-36

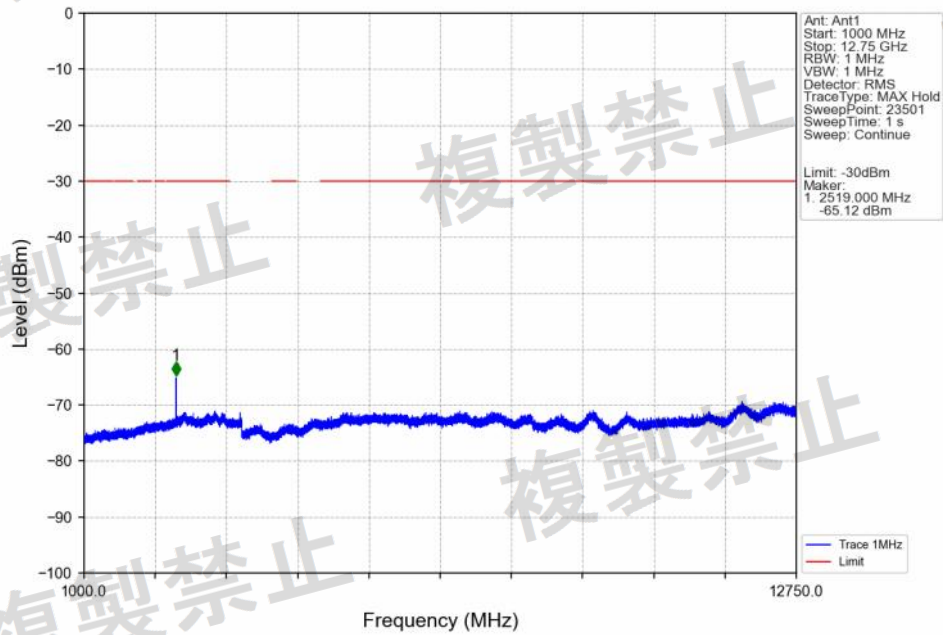


Band19 5MHz QPSK MCH 837.5MHz RB 1 24 NTNV 10/25 773-803MHz Limit:-36

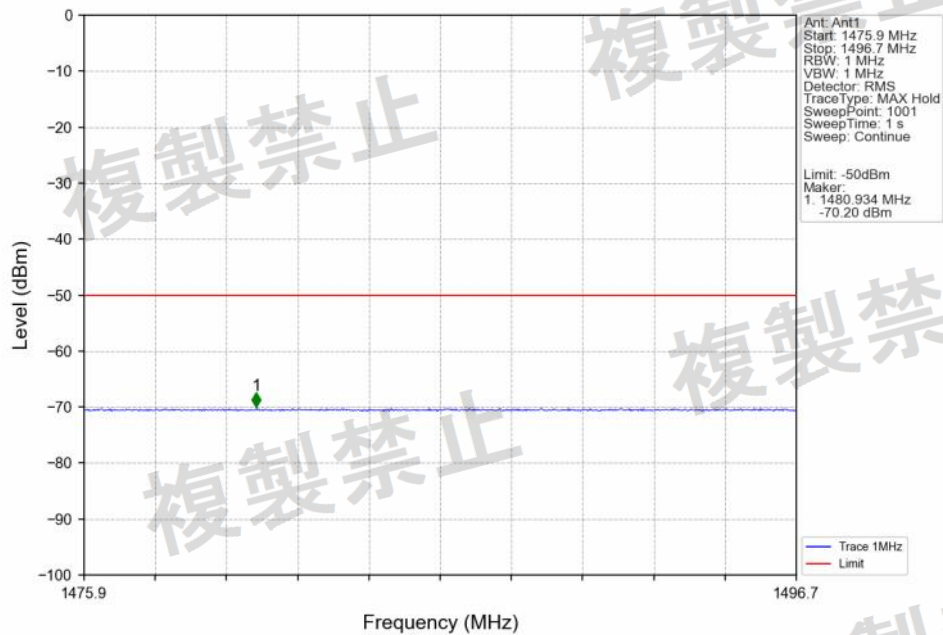


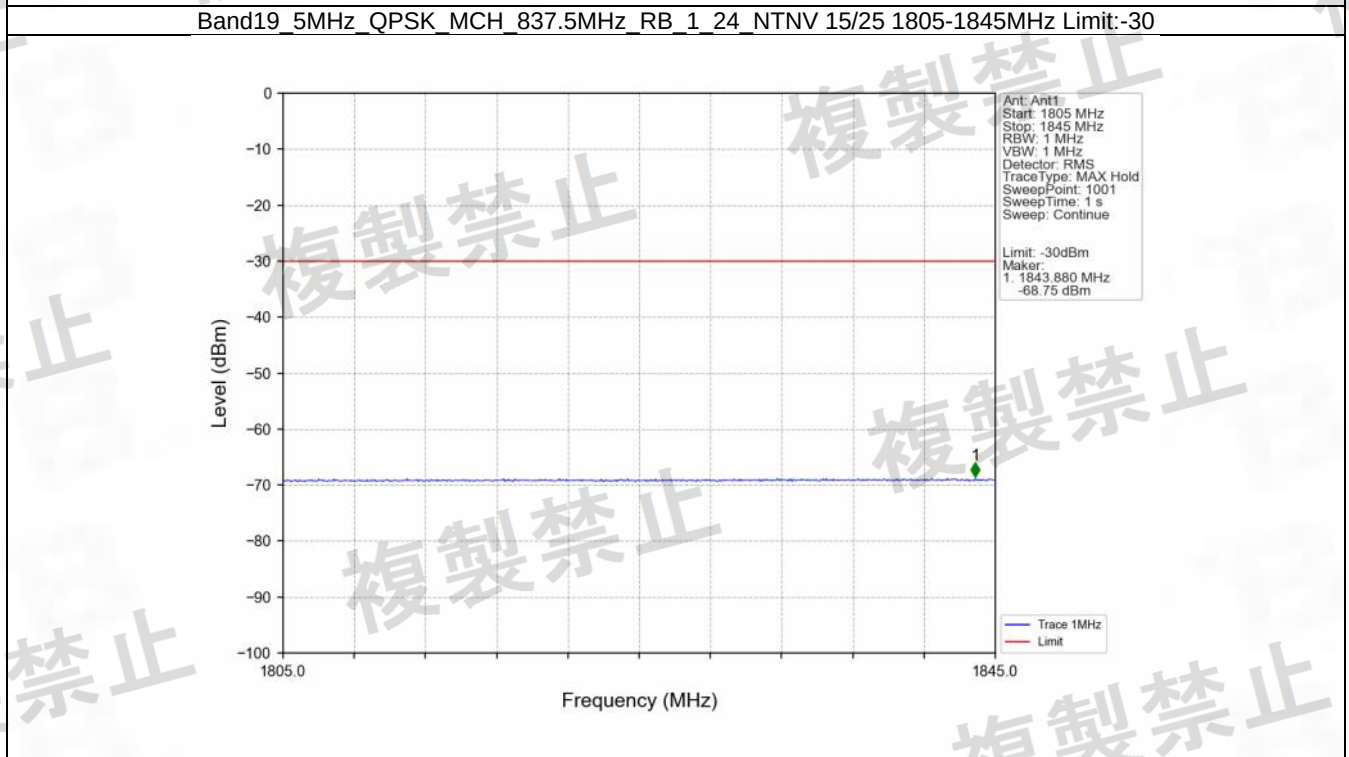
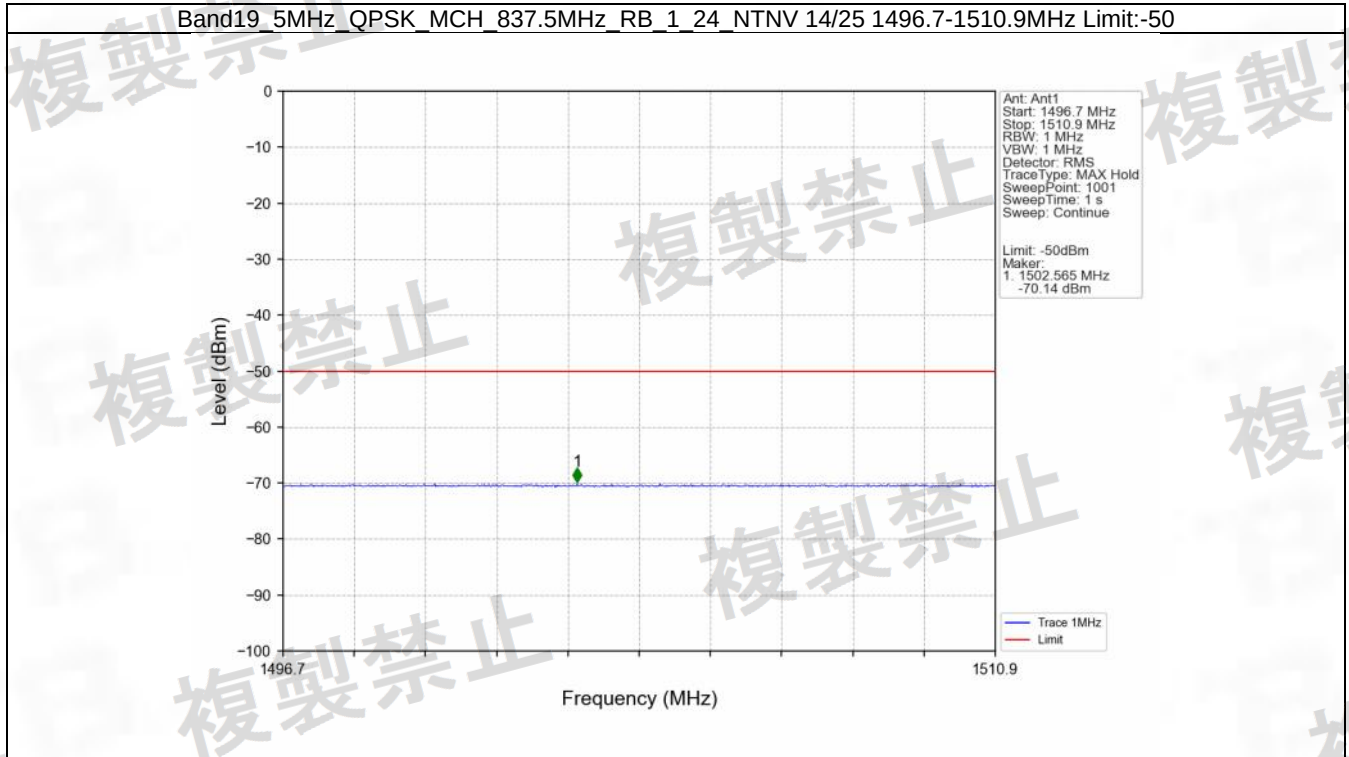


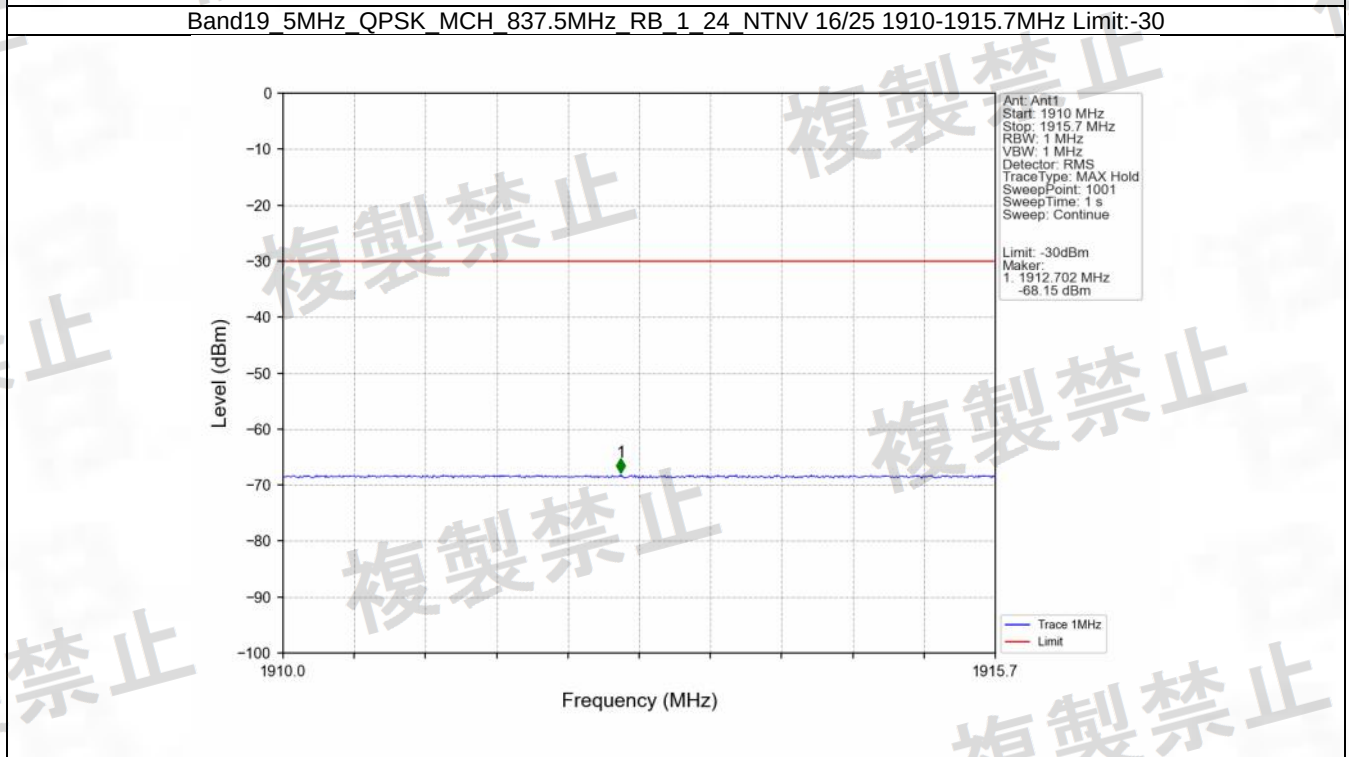
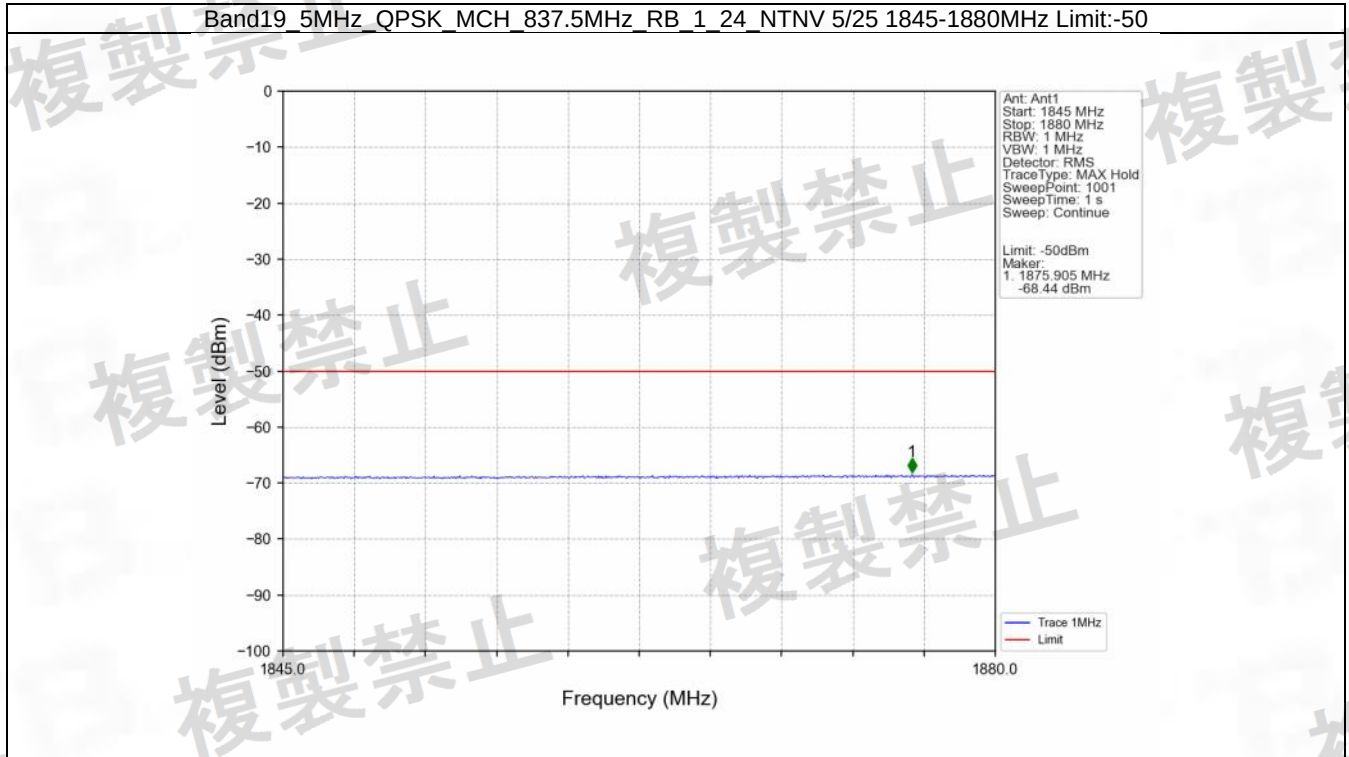
Band19 5MHz_QPSK_MCH_837.5MHz_RB_1_24_NTNV 4/25 1000-12750MHz Limit:-30



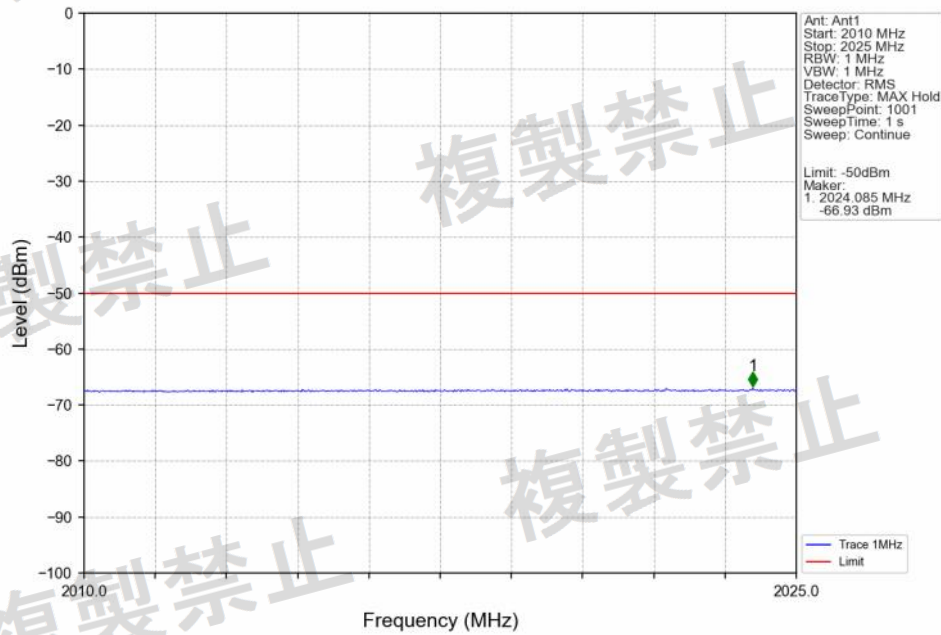
Band19 5MHz_QPSK_MCH_837.5MHz_RB_1_24_NTNV 13/25 1475.9-1496.7MHz Limit:-50



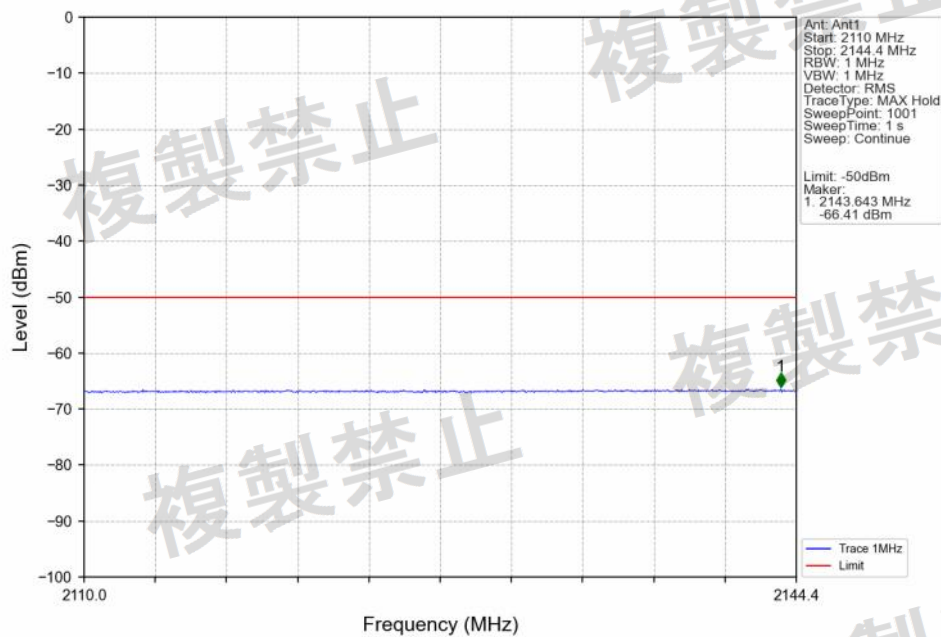


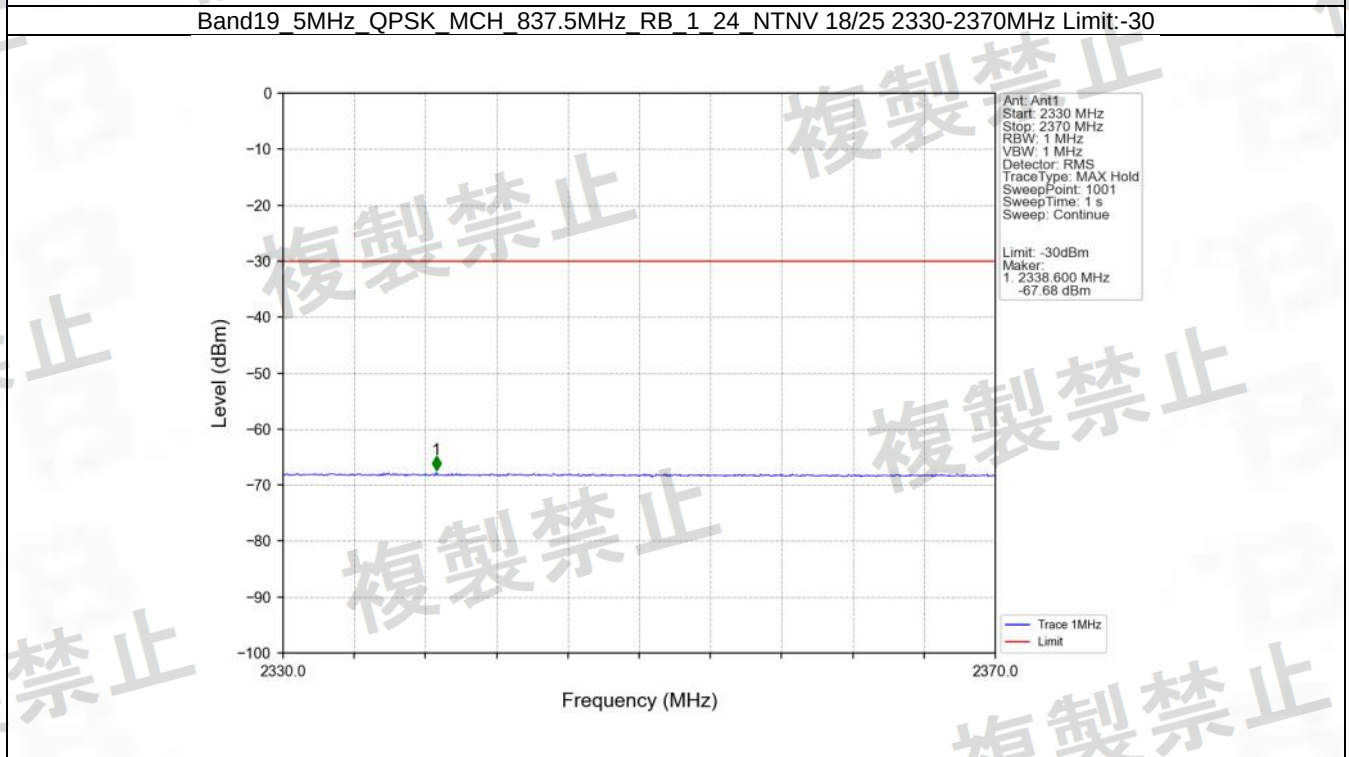
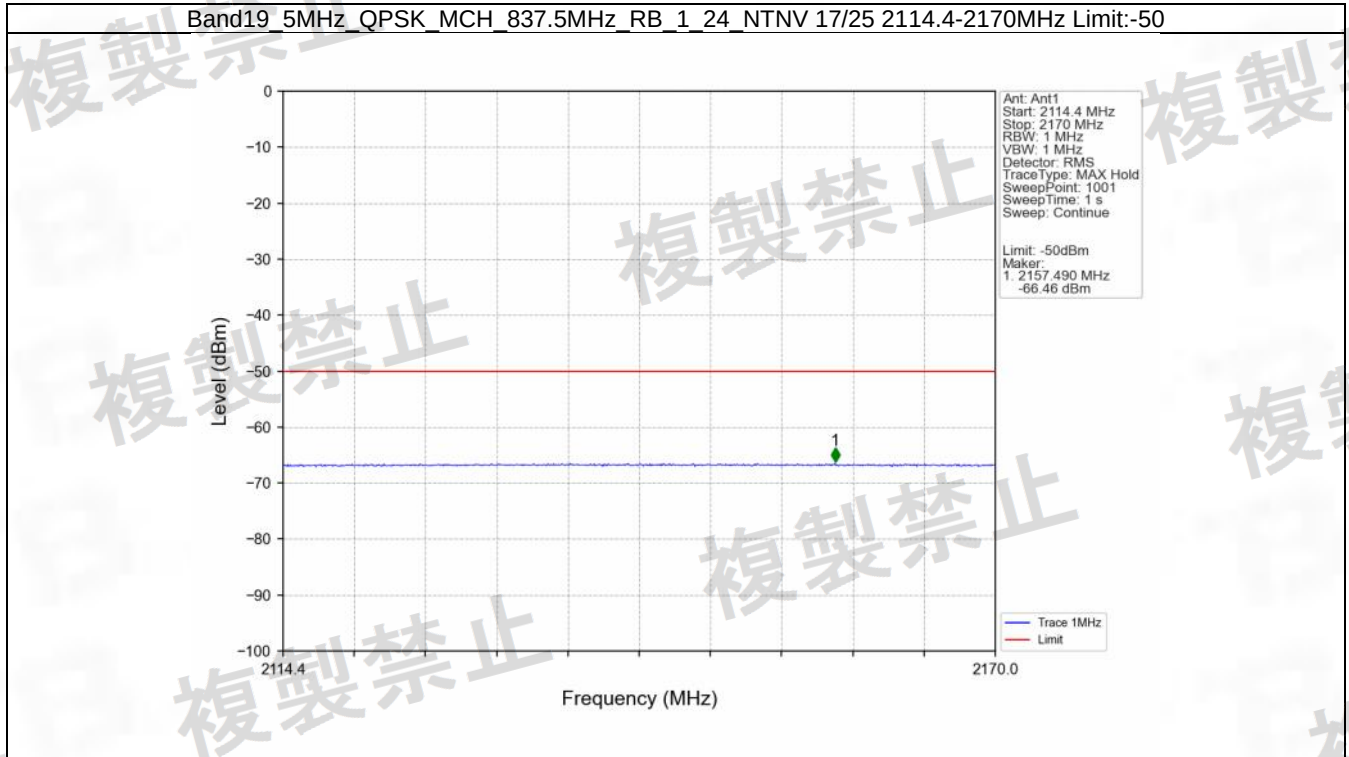


Band19 5MHz QPSK MCH 837.5MHz RB 1 24 NTNV 6/25 2010-2025MHz Limit:-50

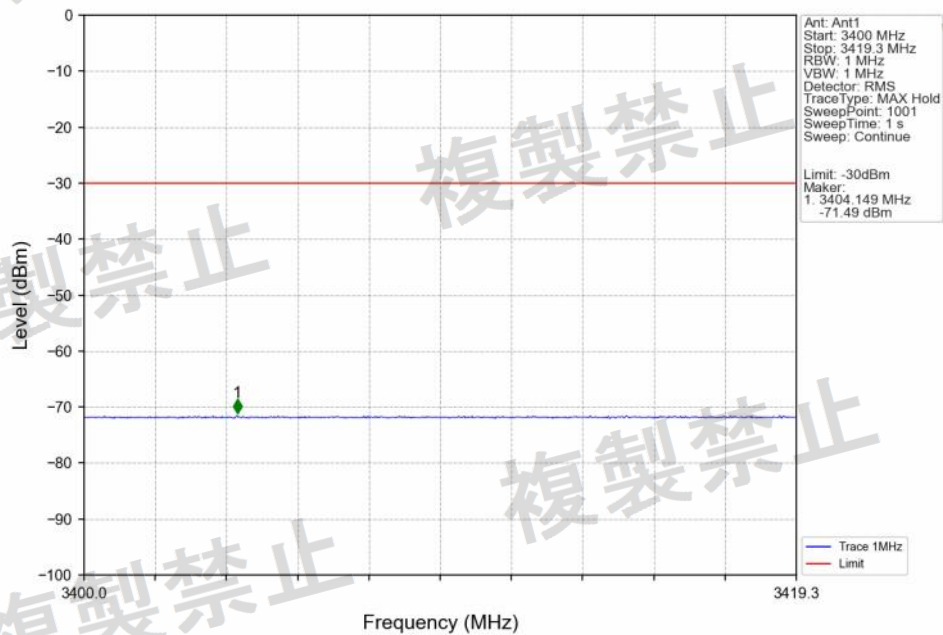


Band19 5MHz QPSK MCH 837.5MHz RB 1 24 NTNV 7/25 2110-2144.4MHz Limit:-50

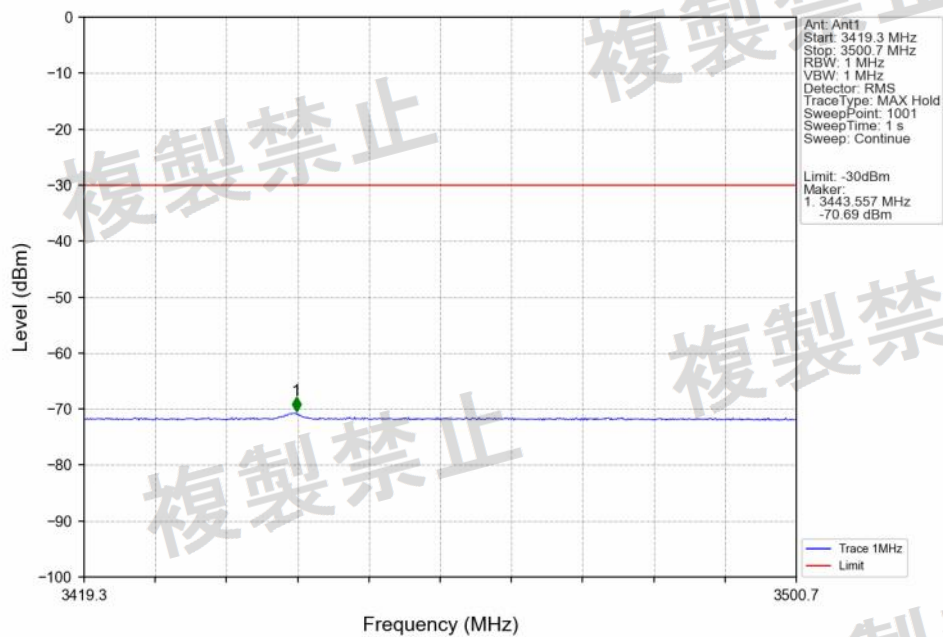


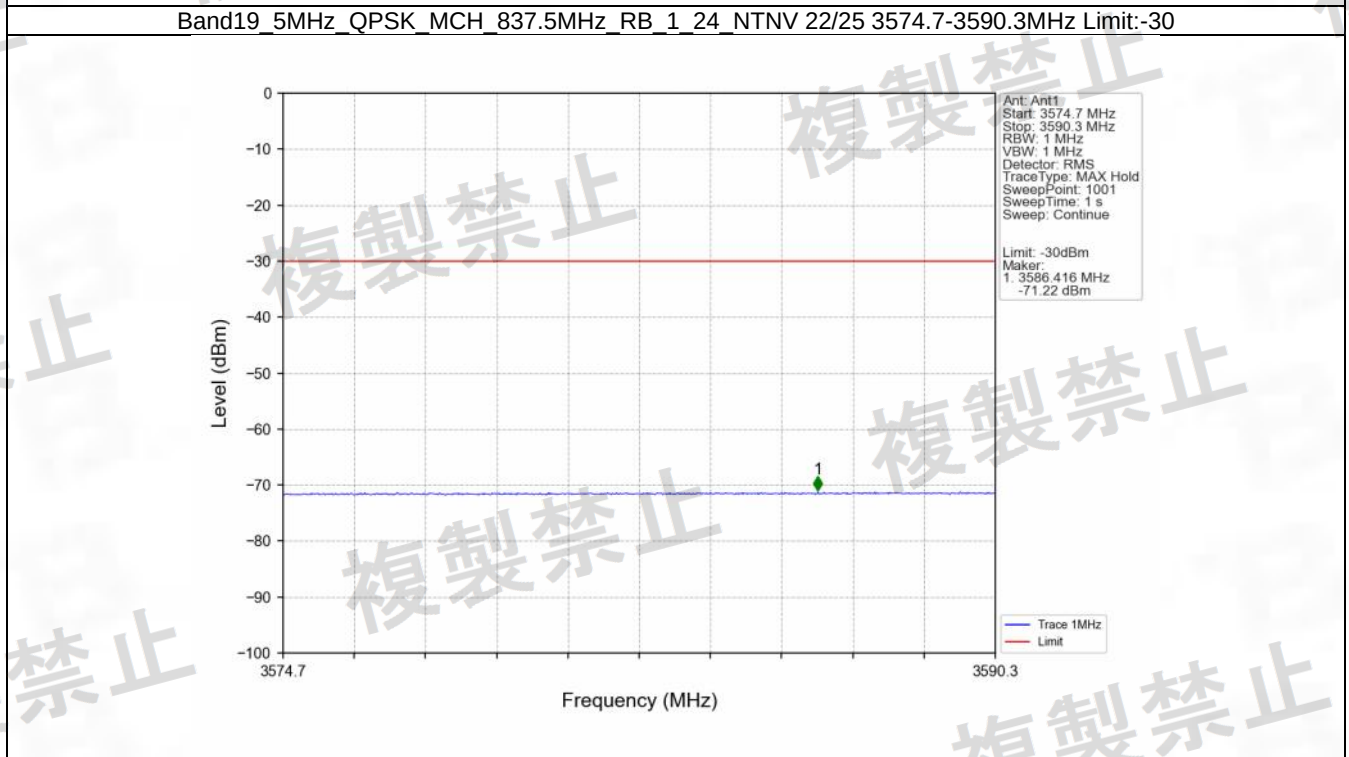
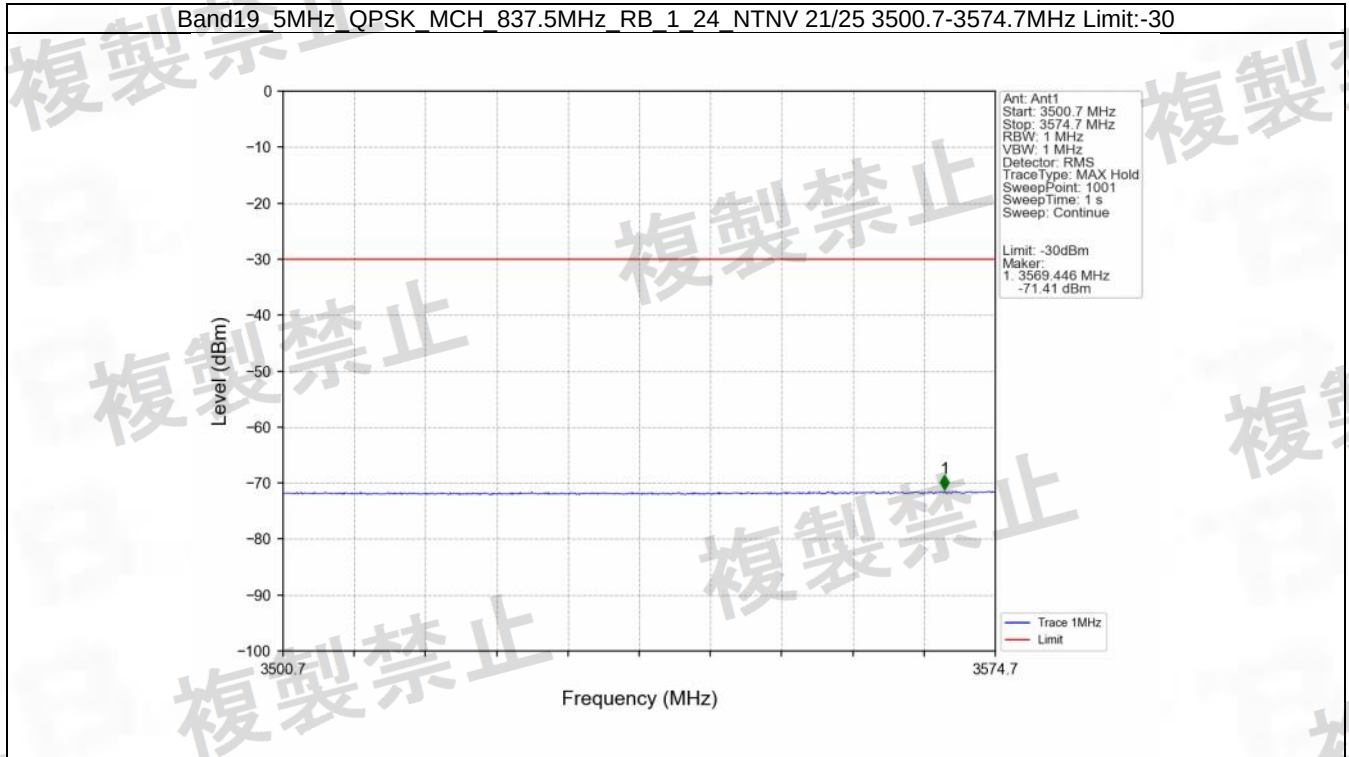


Band19 5MHz QPSK_MCH_837.5MHz_RB_1_24_NTNV 19/25 3400-3419.3MHz Limit:-30

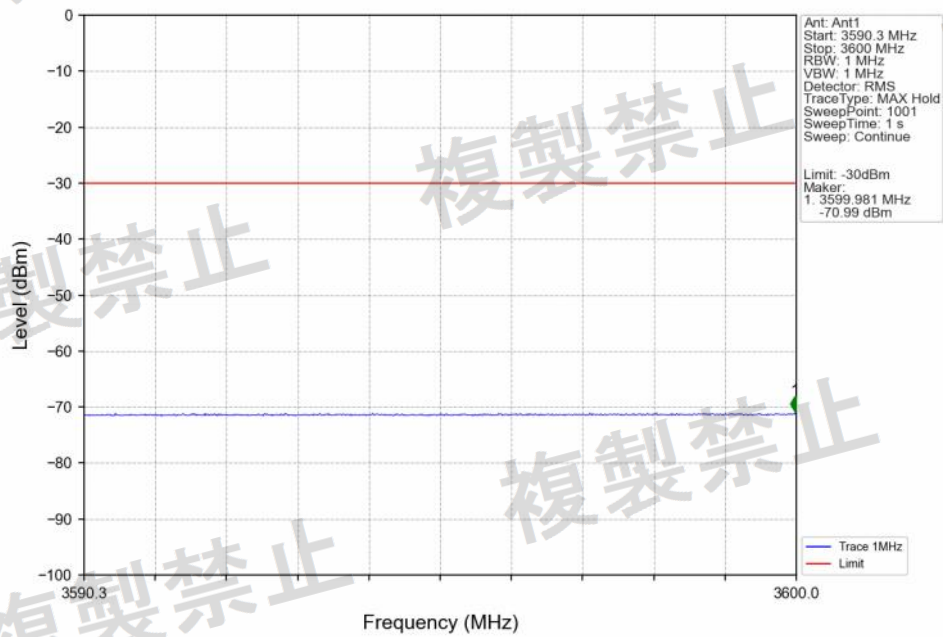


Band19 5MHz QPSK_MCH_837.5MHz_RB_1_24_NTNV 20/25 3419.3-3500.7MHz Limit:-30

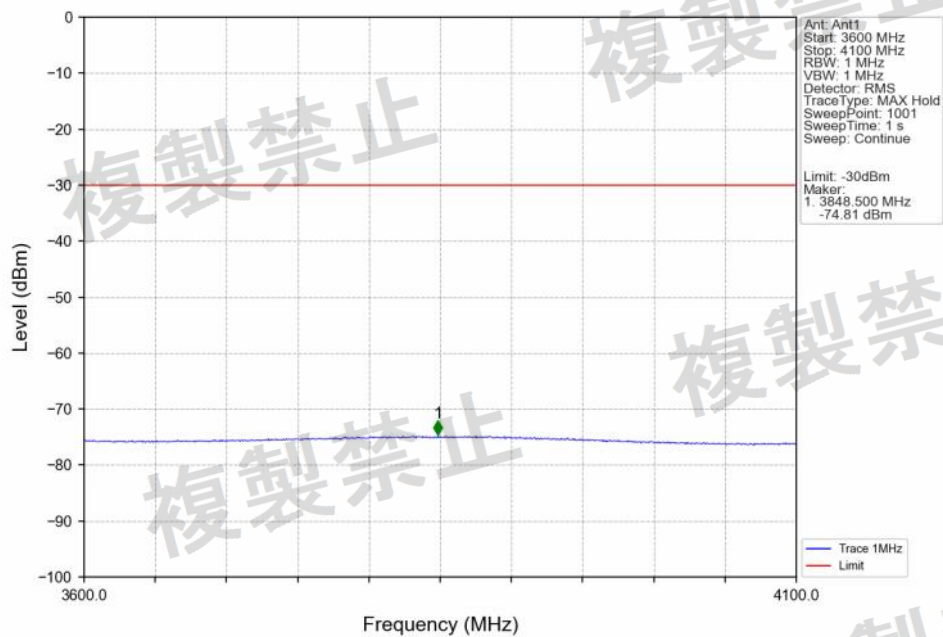


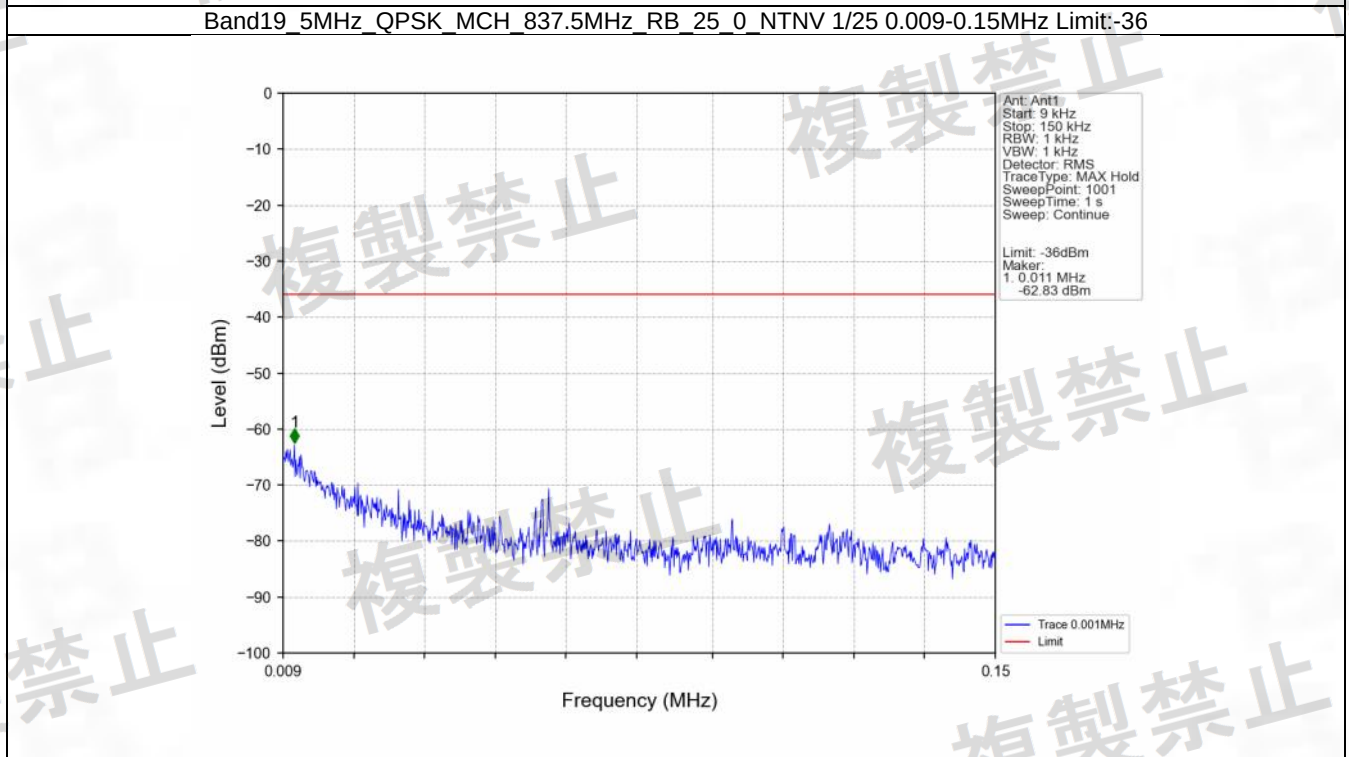
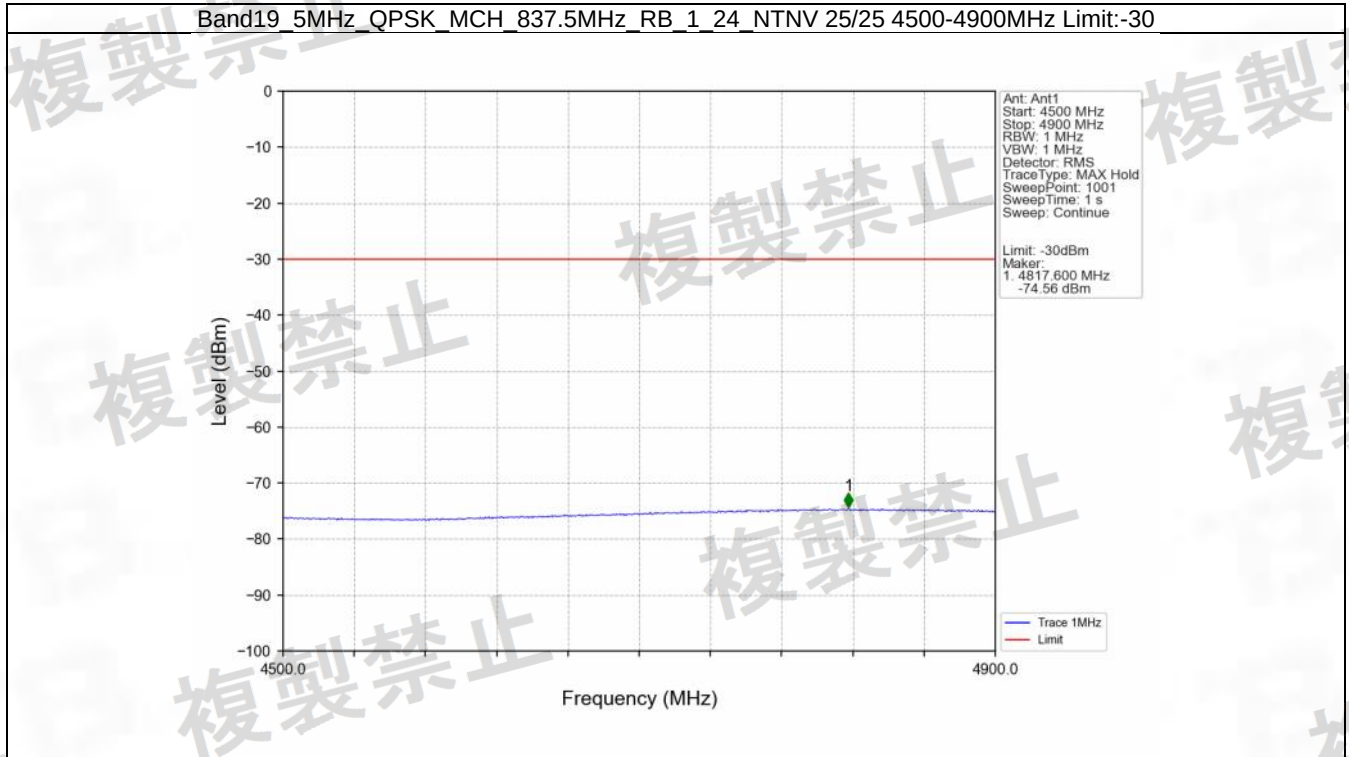


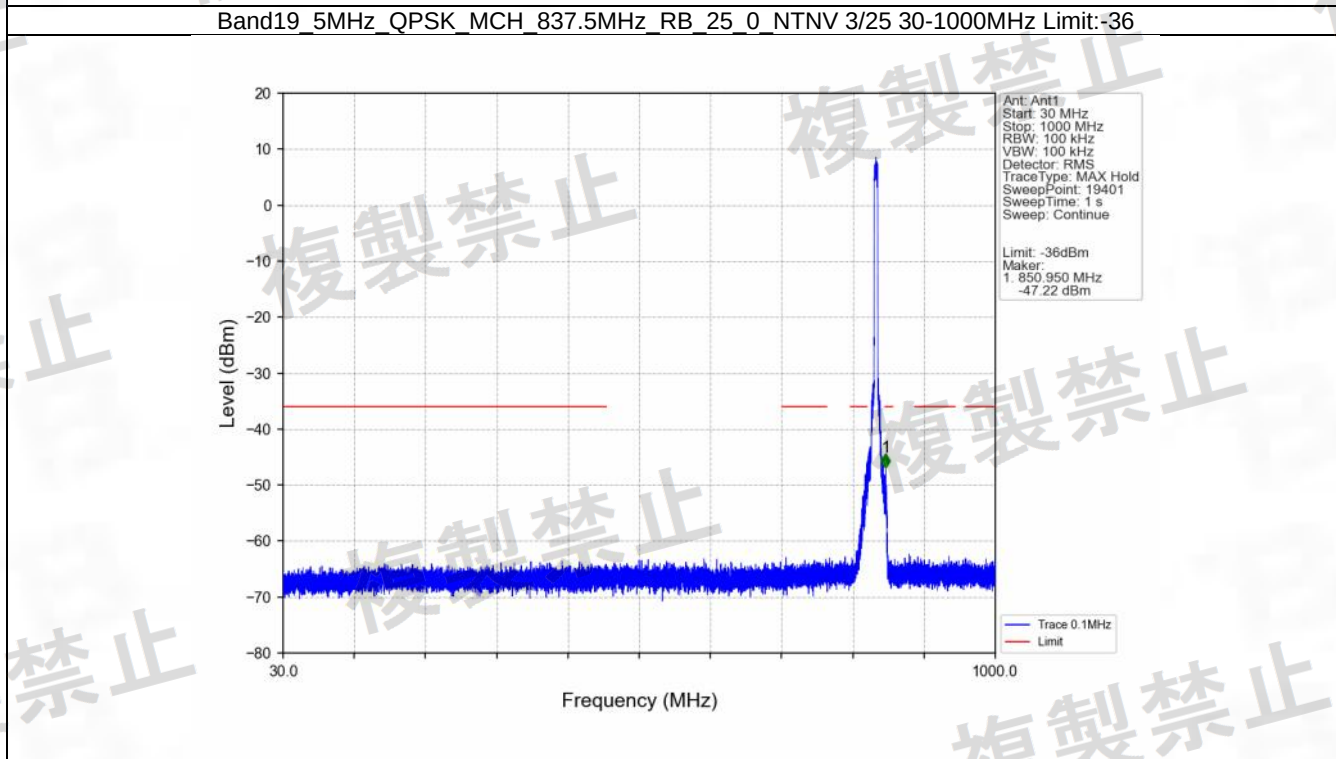
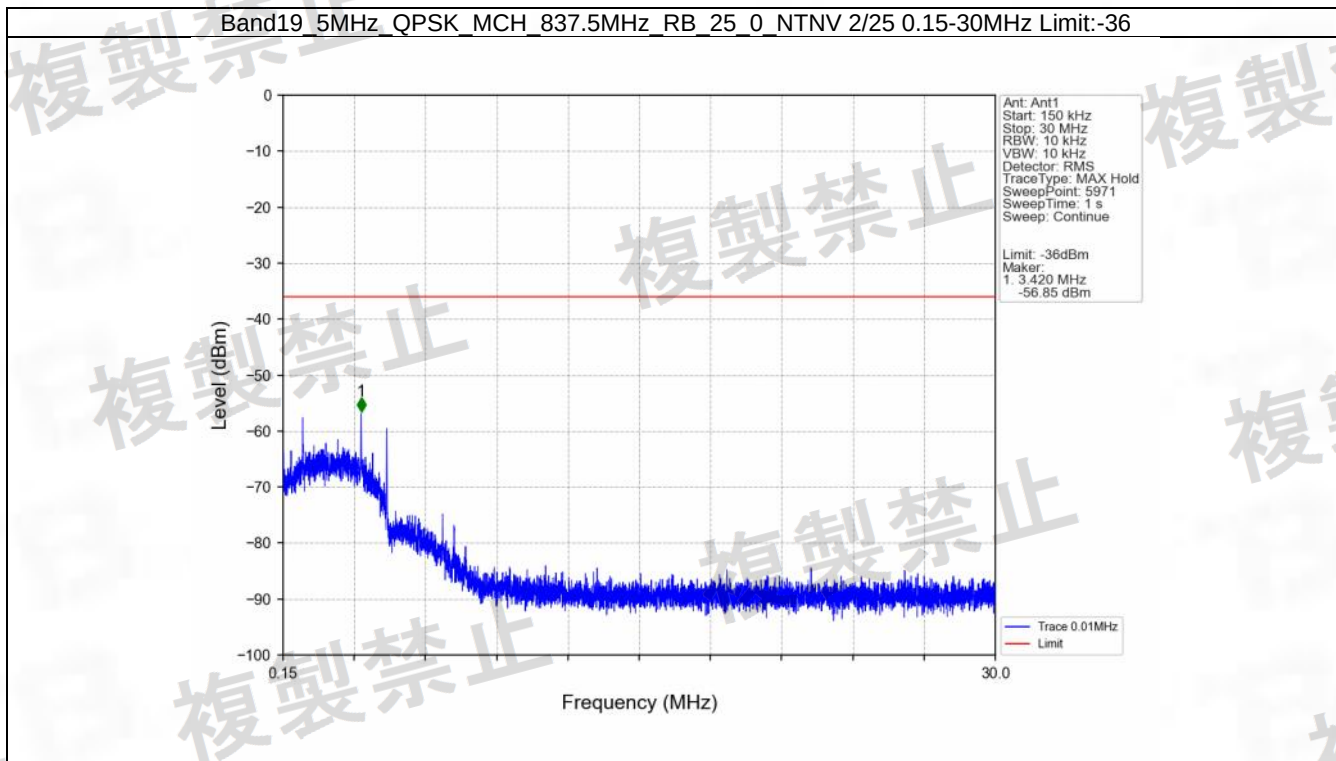
Band19 5MHz QPSK MCH 837.5MHz RB 1 24 NTN 23/25 3590.3-3600MHz Limit:-30

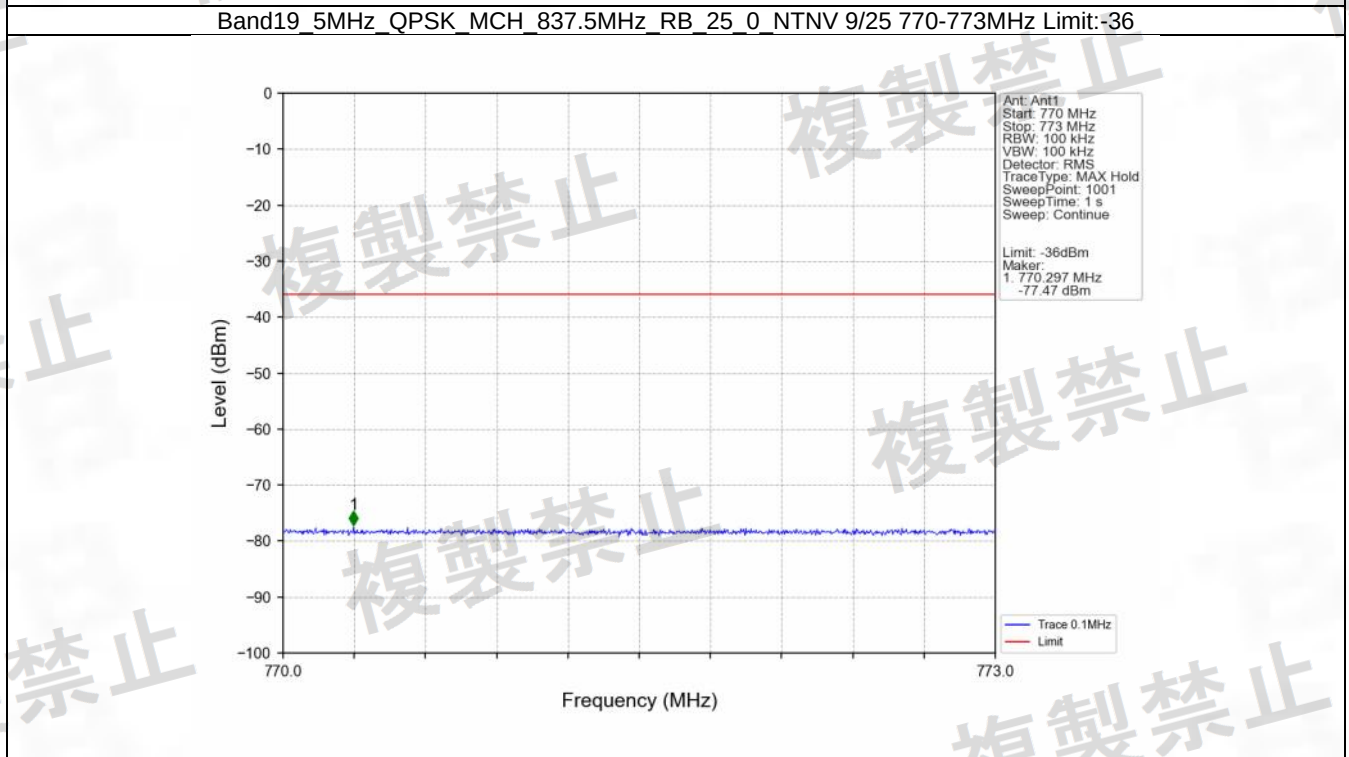
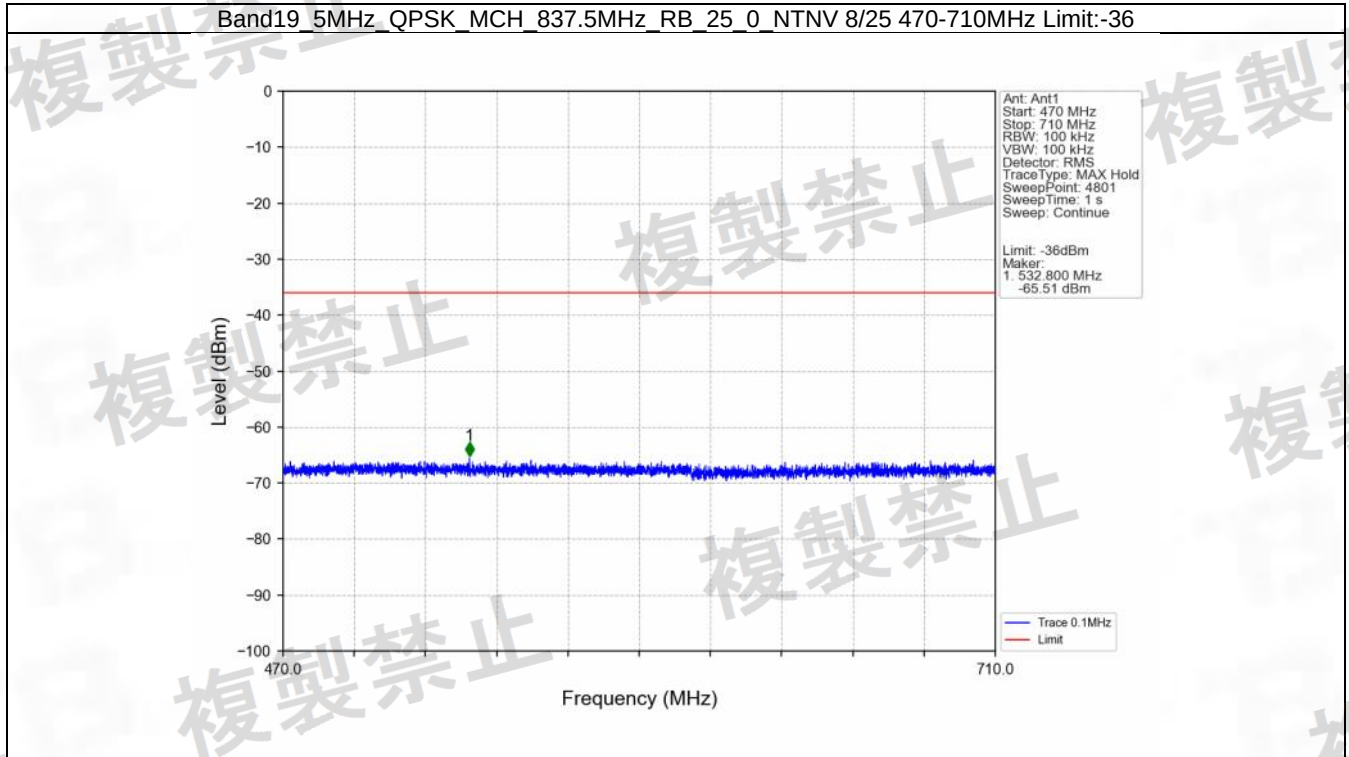


Band19 5MHz QPSK MCH 837.5MHz RB 1 24 NTN 24/25 3600-4100MHz Limit:-30

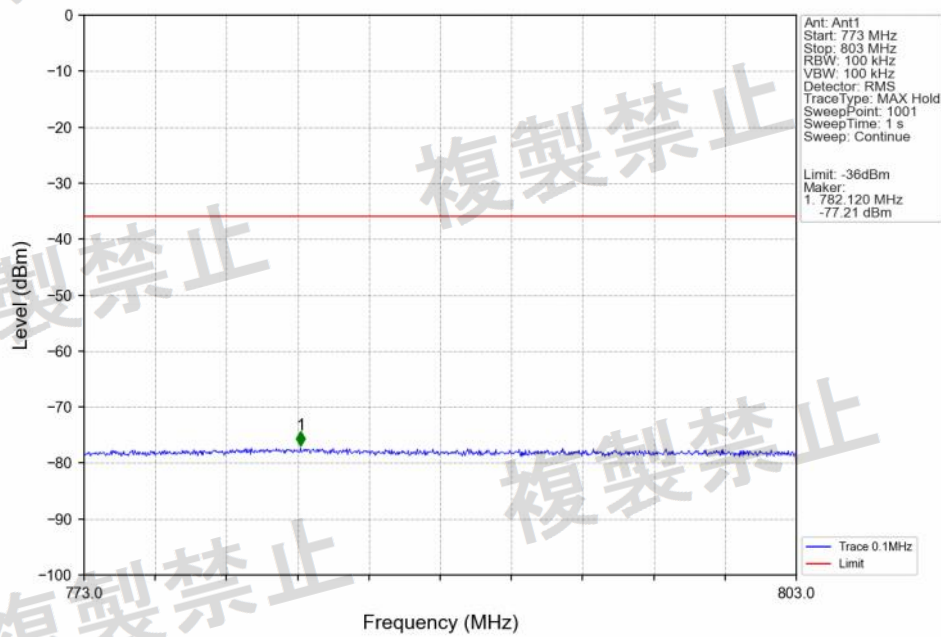




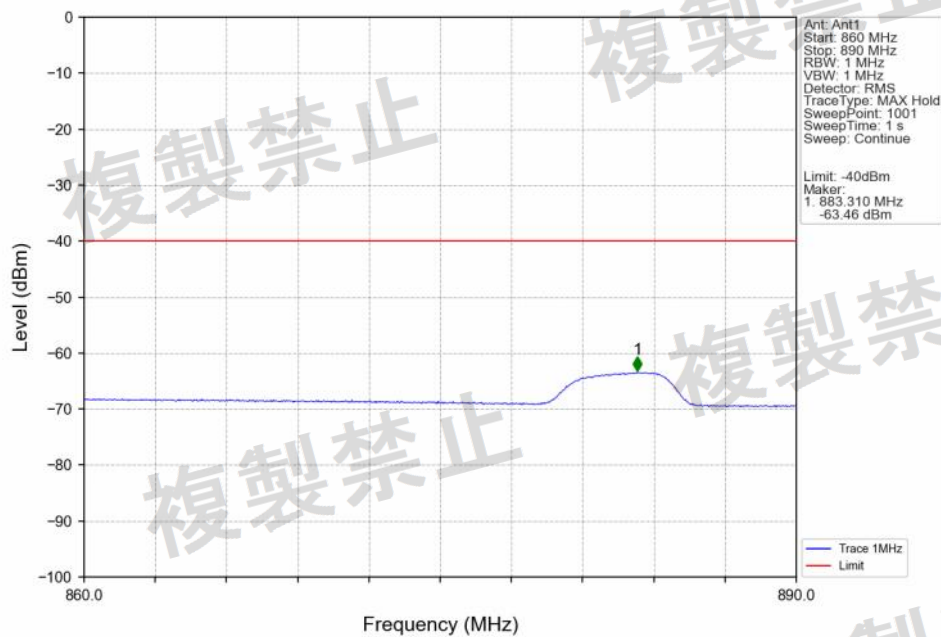


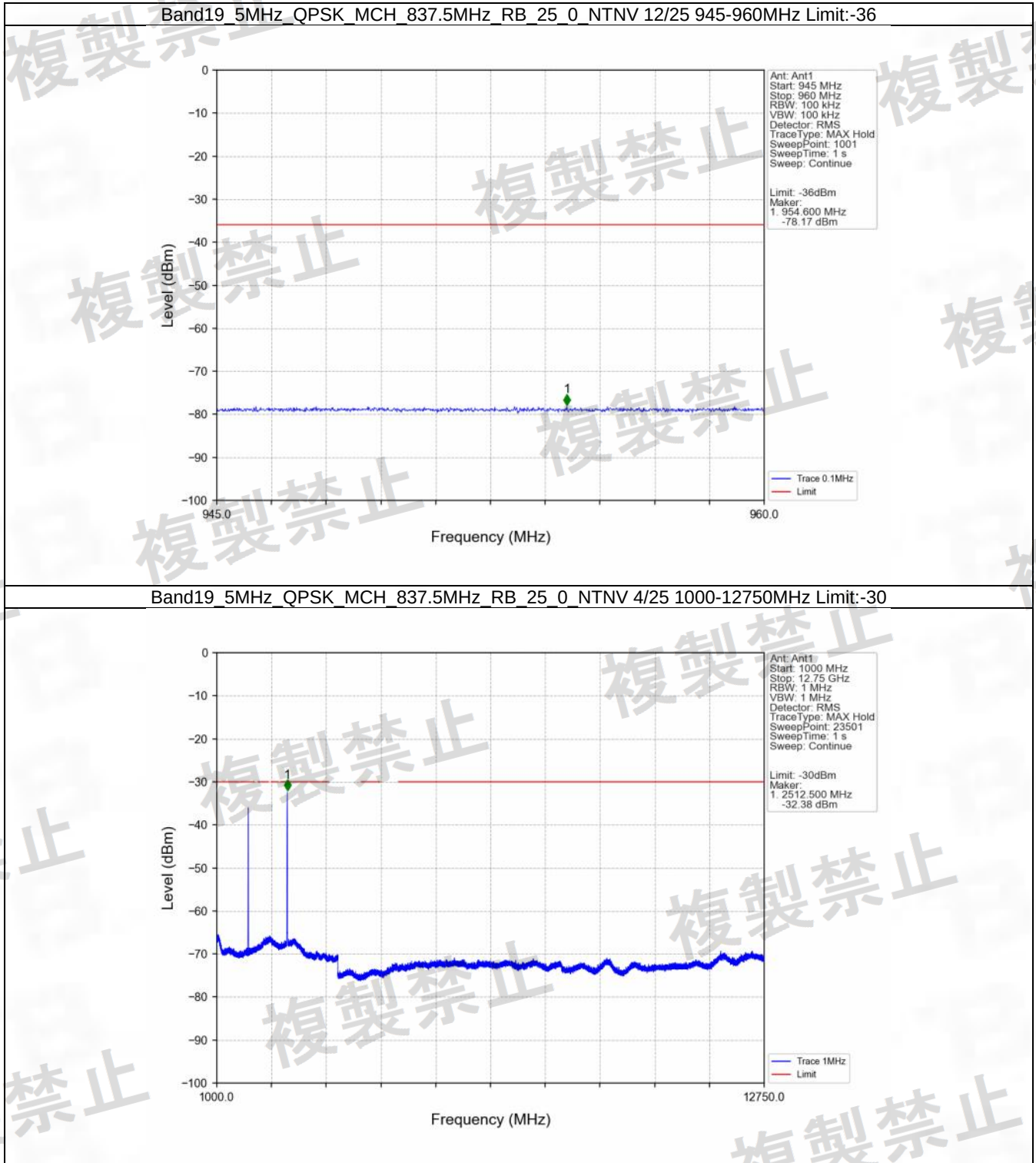


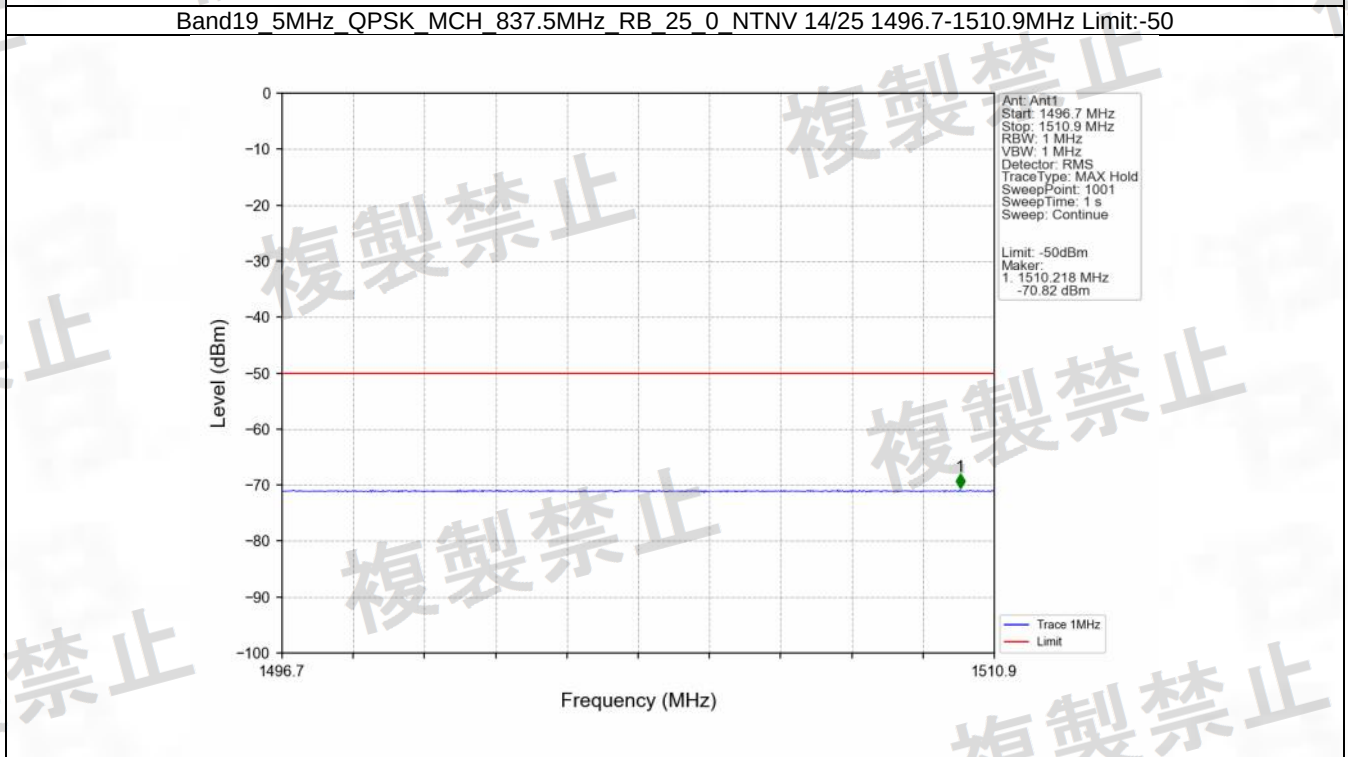
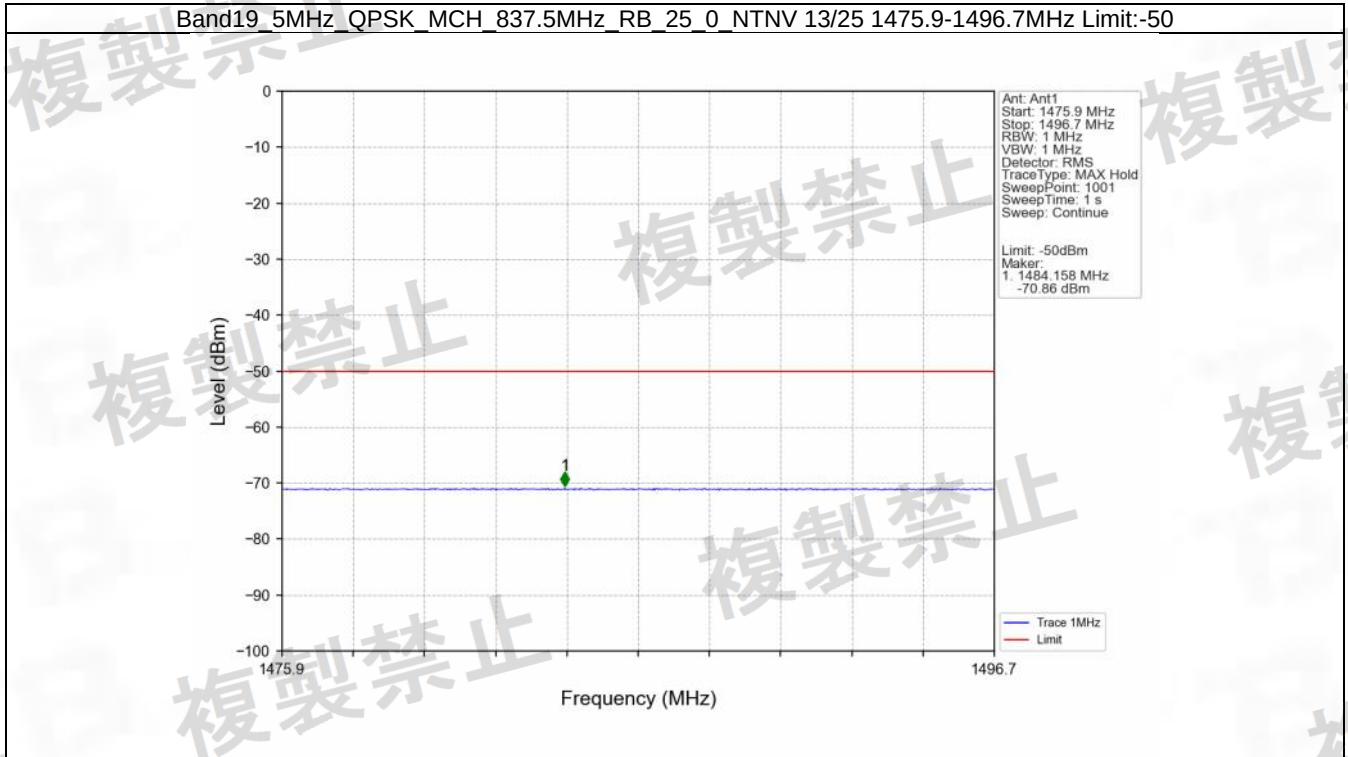
Band19 5MHz QPSK MCH 837.5MHz RB 25 0 NTV 10/25 773-803MHz Limit:-36



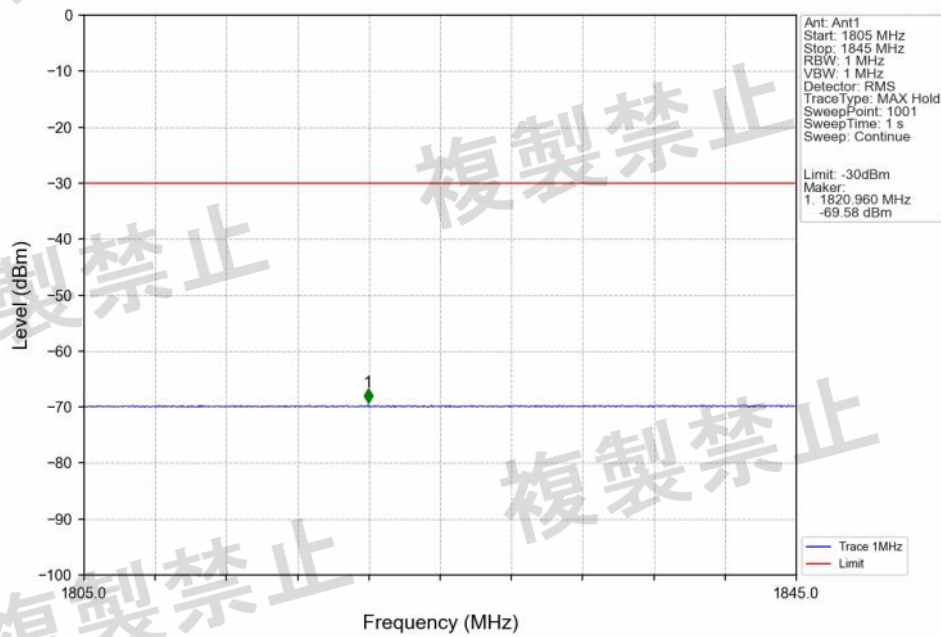
Band19 5MHz QPSK MCH 837.5MHz RB 25 0 NTV 11/25 860-890MHz Limit:-40



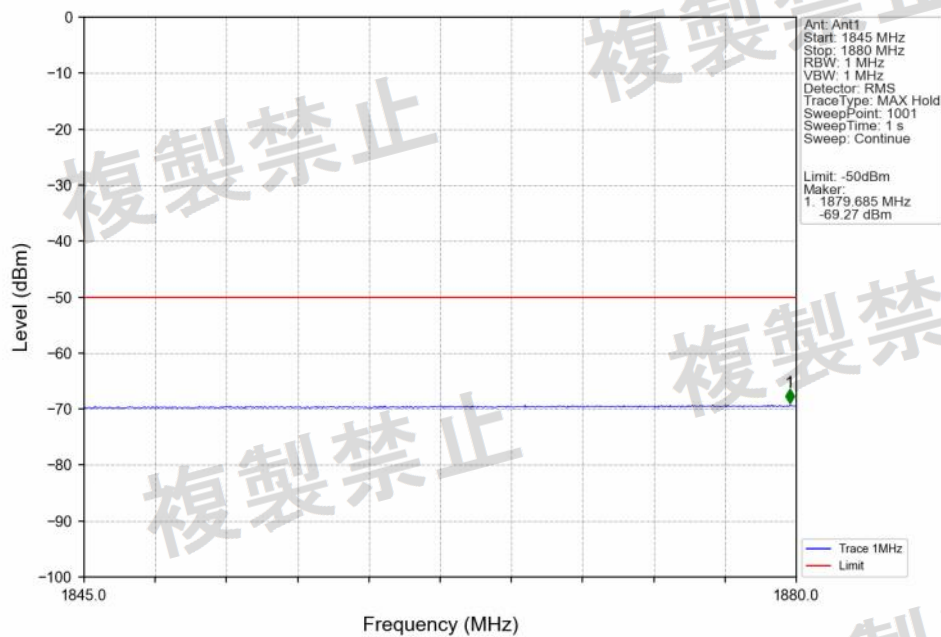


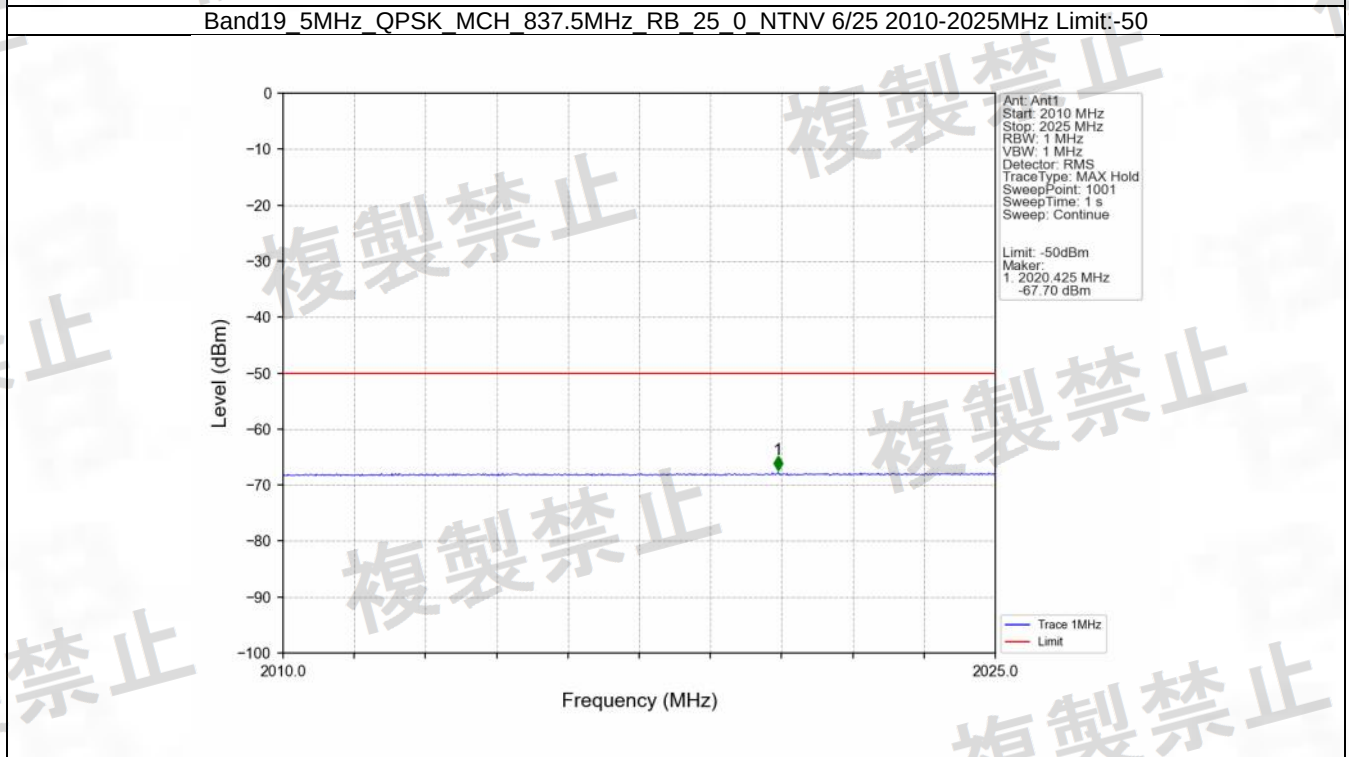
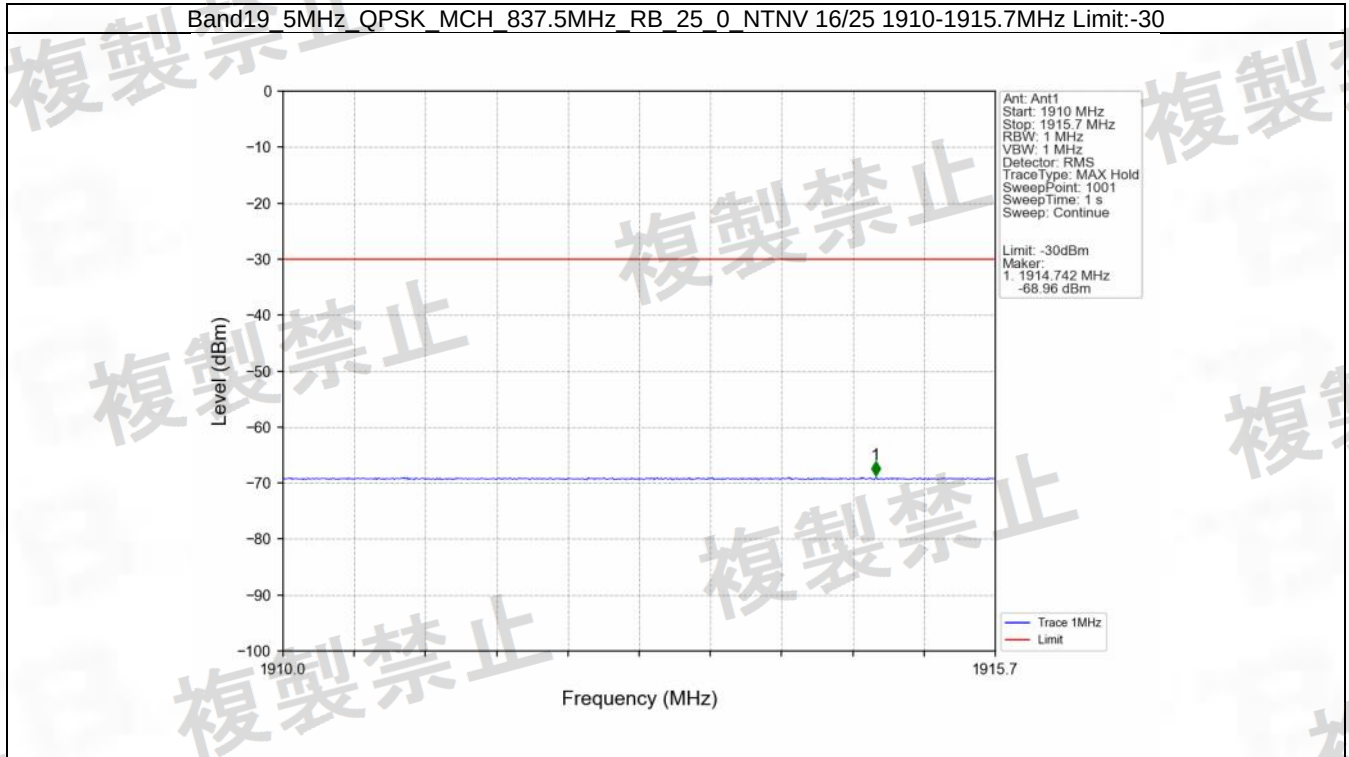


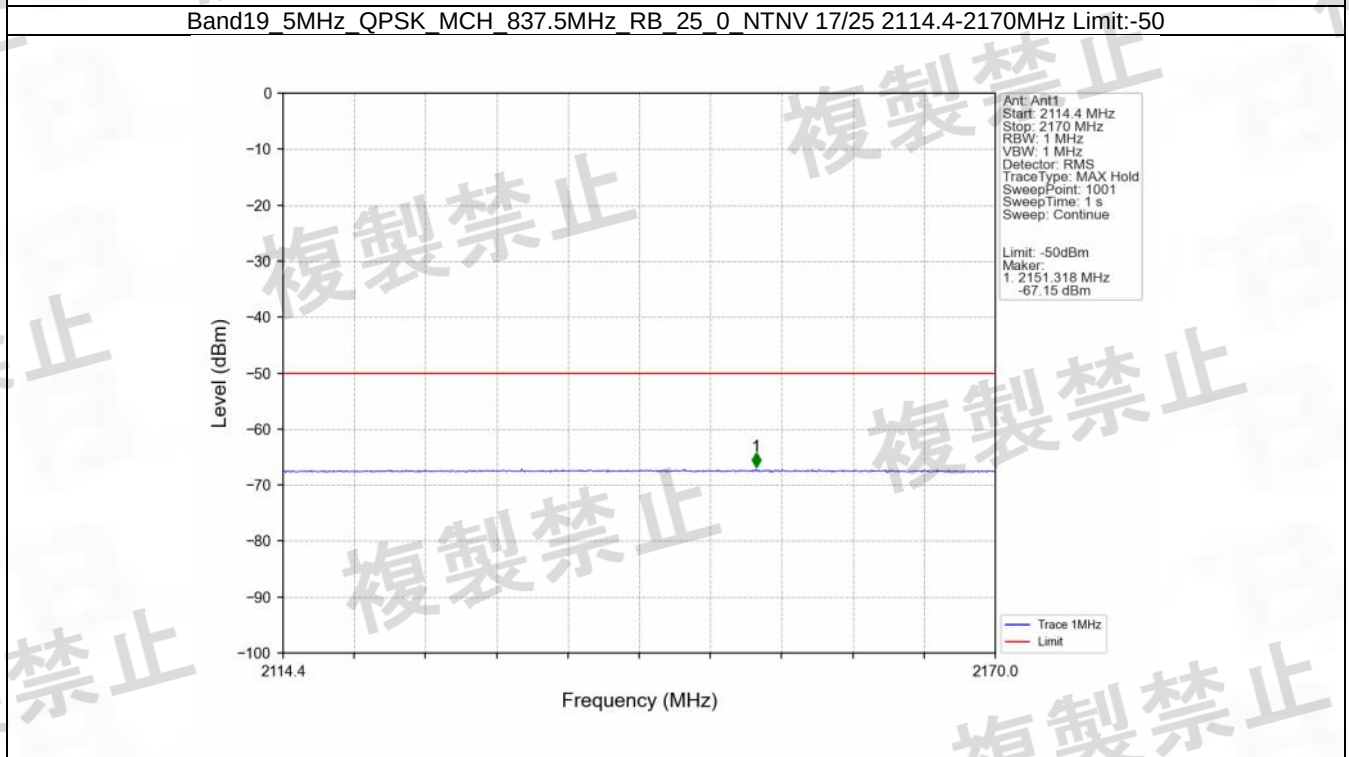
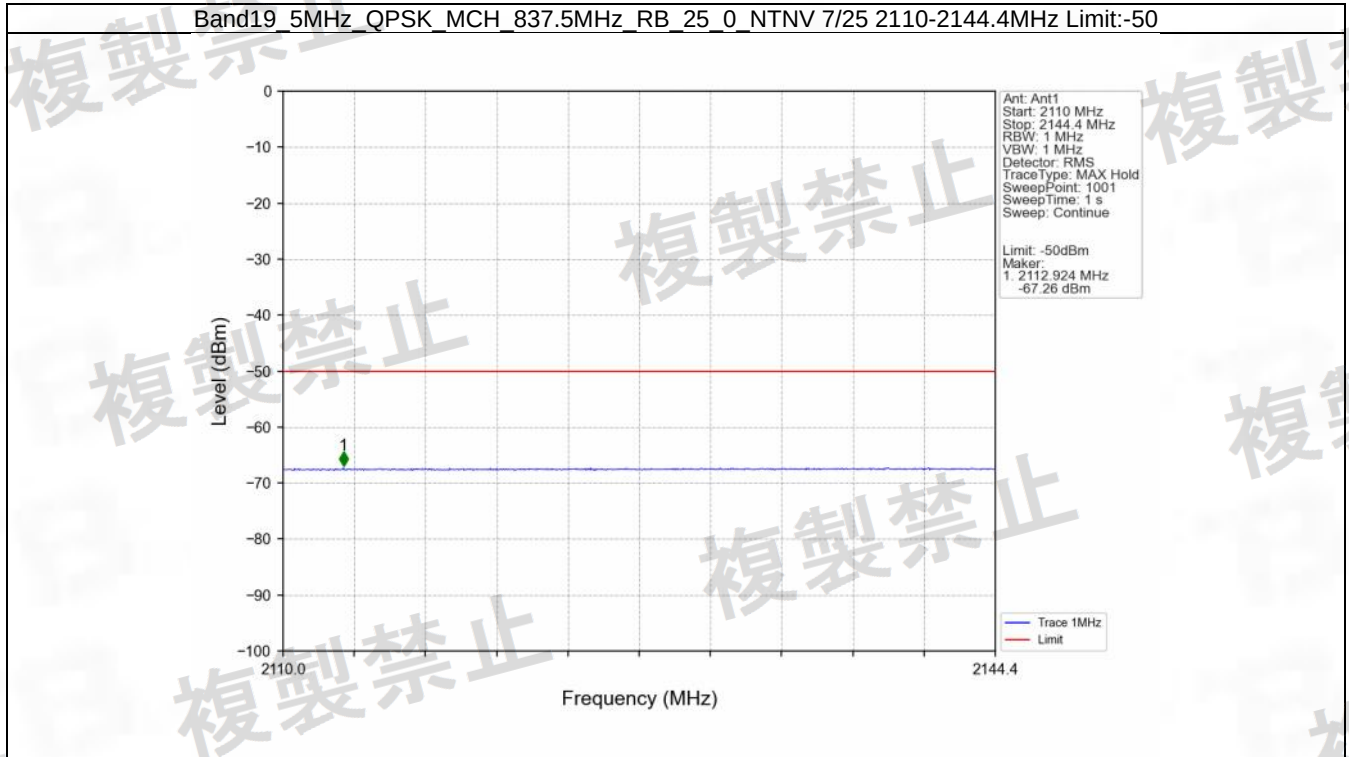
Band19 5MHz QPSK MCH 837.5MHz RB 25_0 NTN 15/25 1805-1845MHz Limit:-30

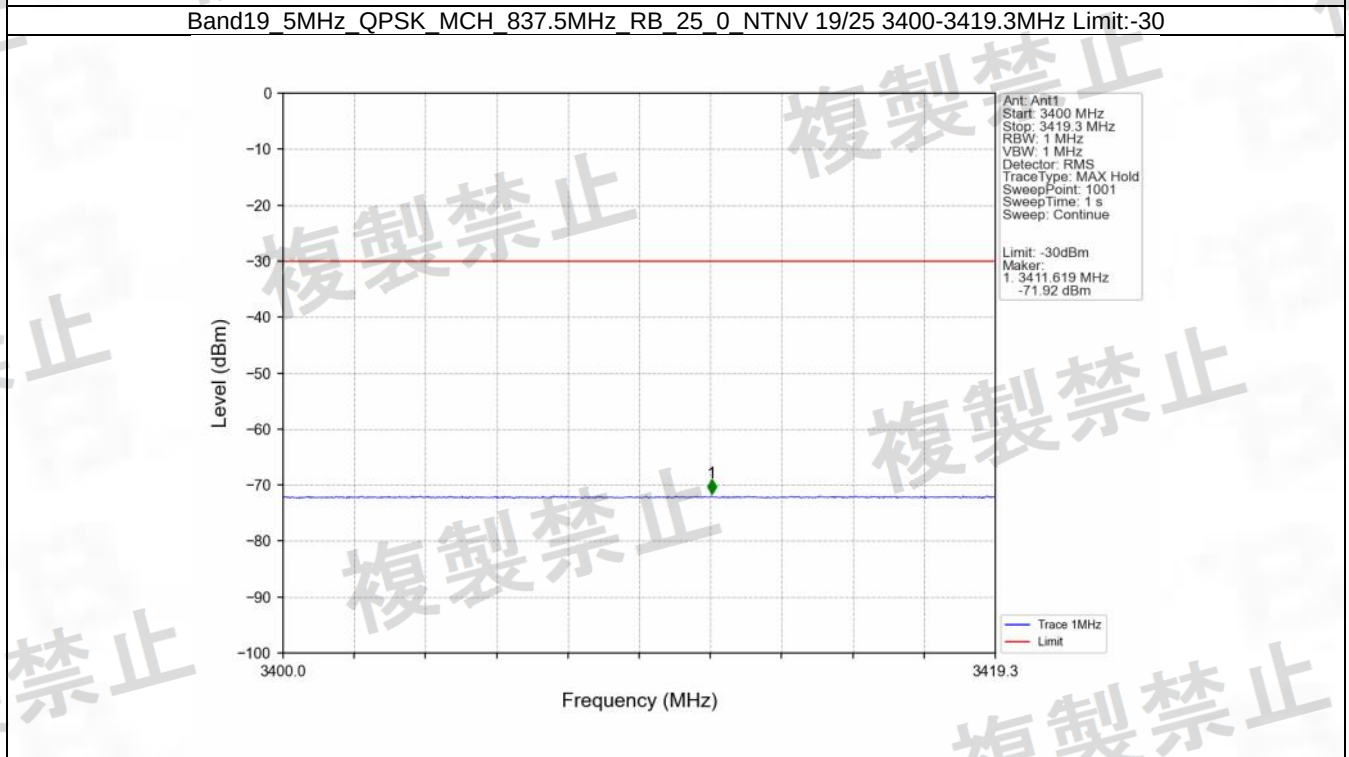
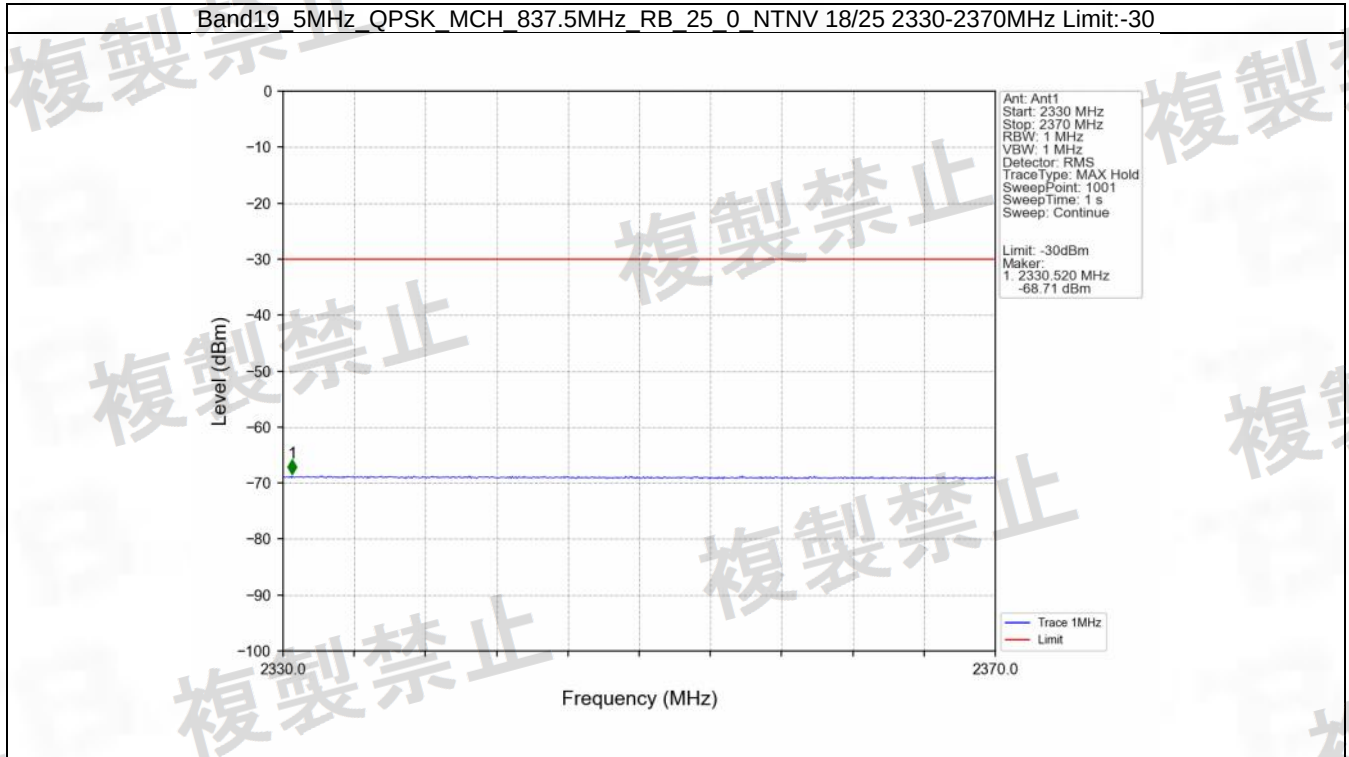


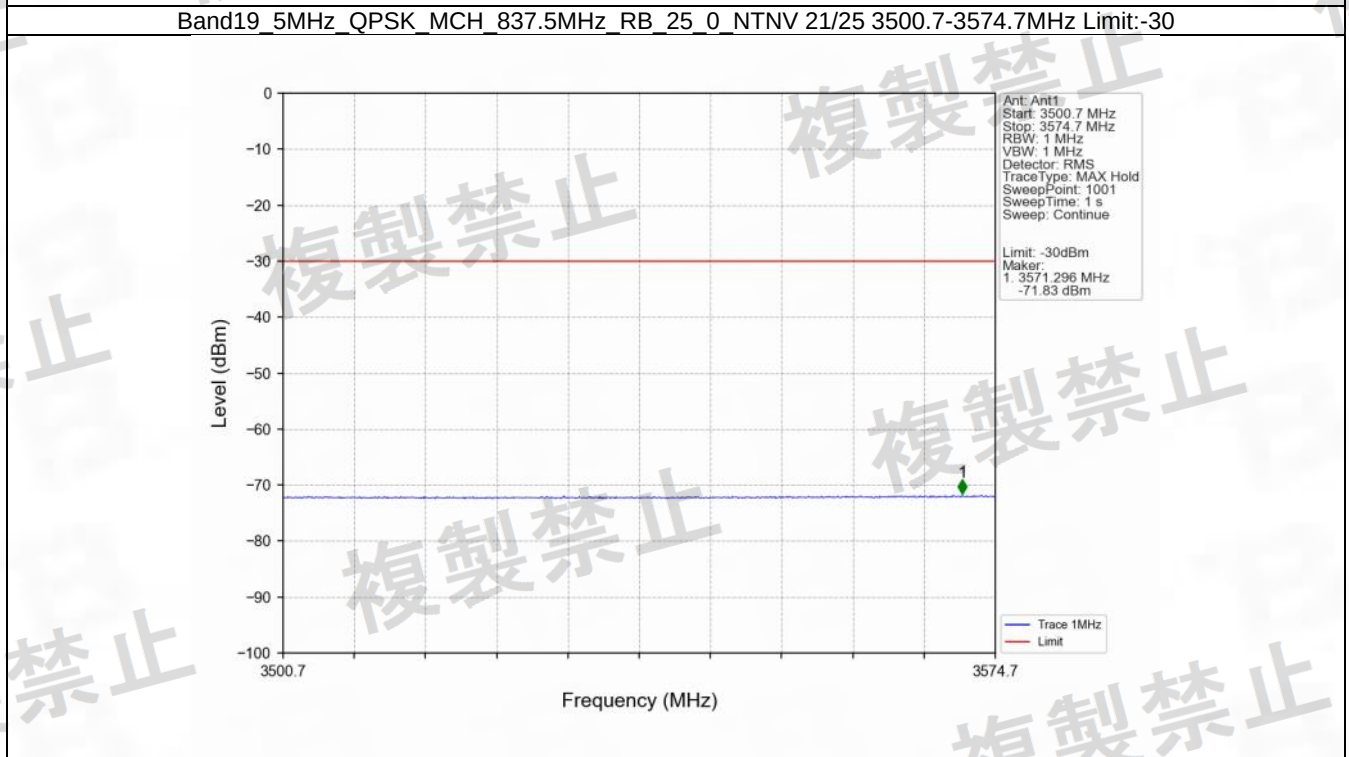
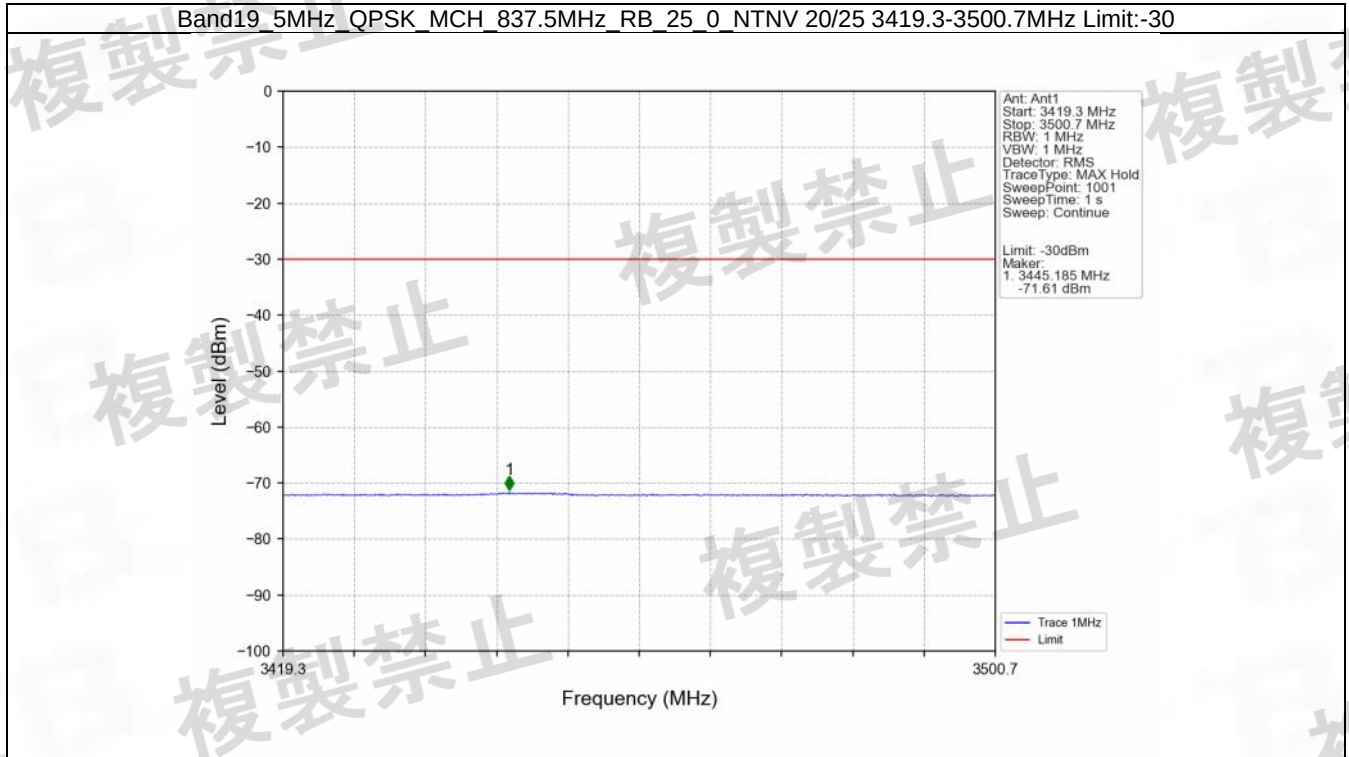
Band19 5MHz QPSK MCH 837.5MHz RB 25_0 NTN 5/25 1845-1880MHz Limit:-50

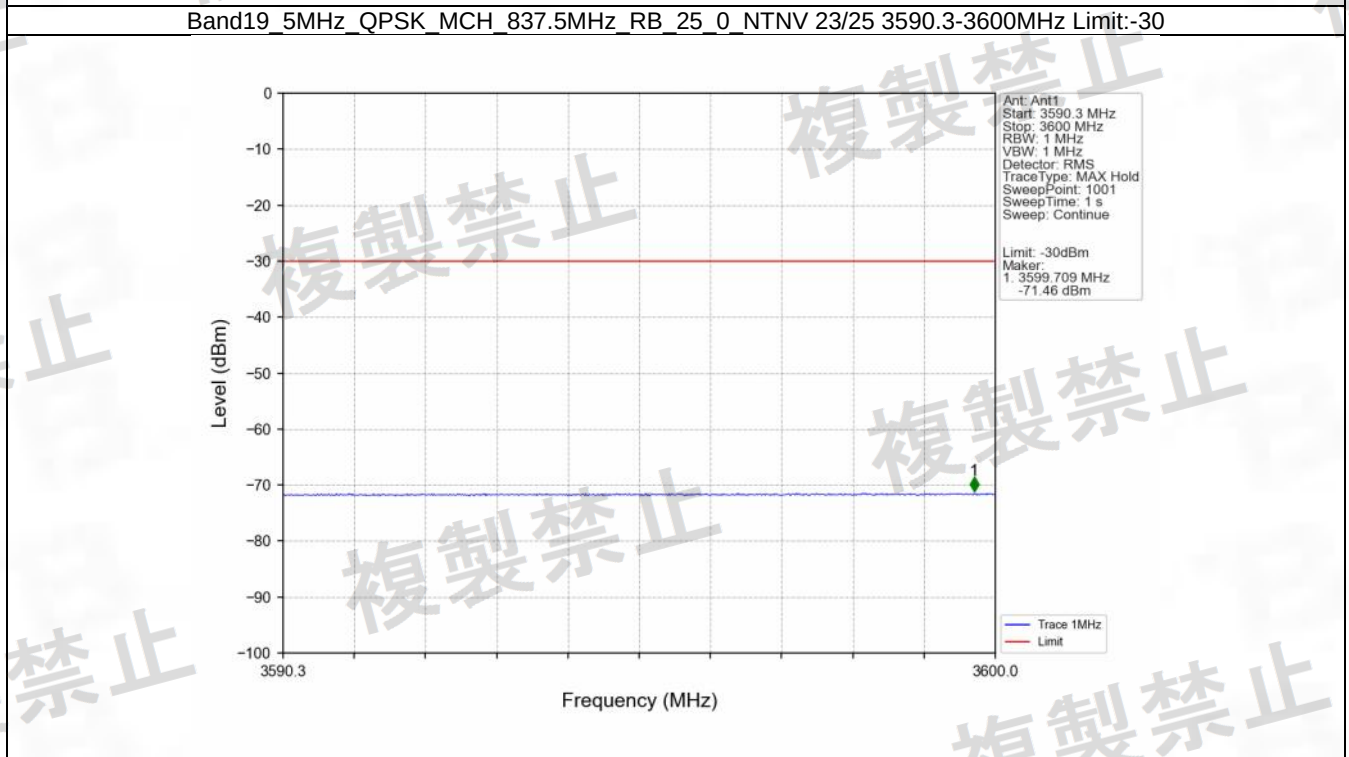
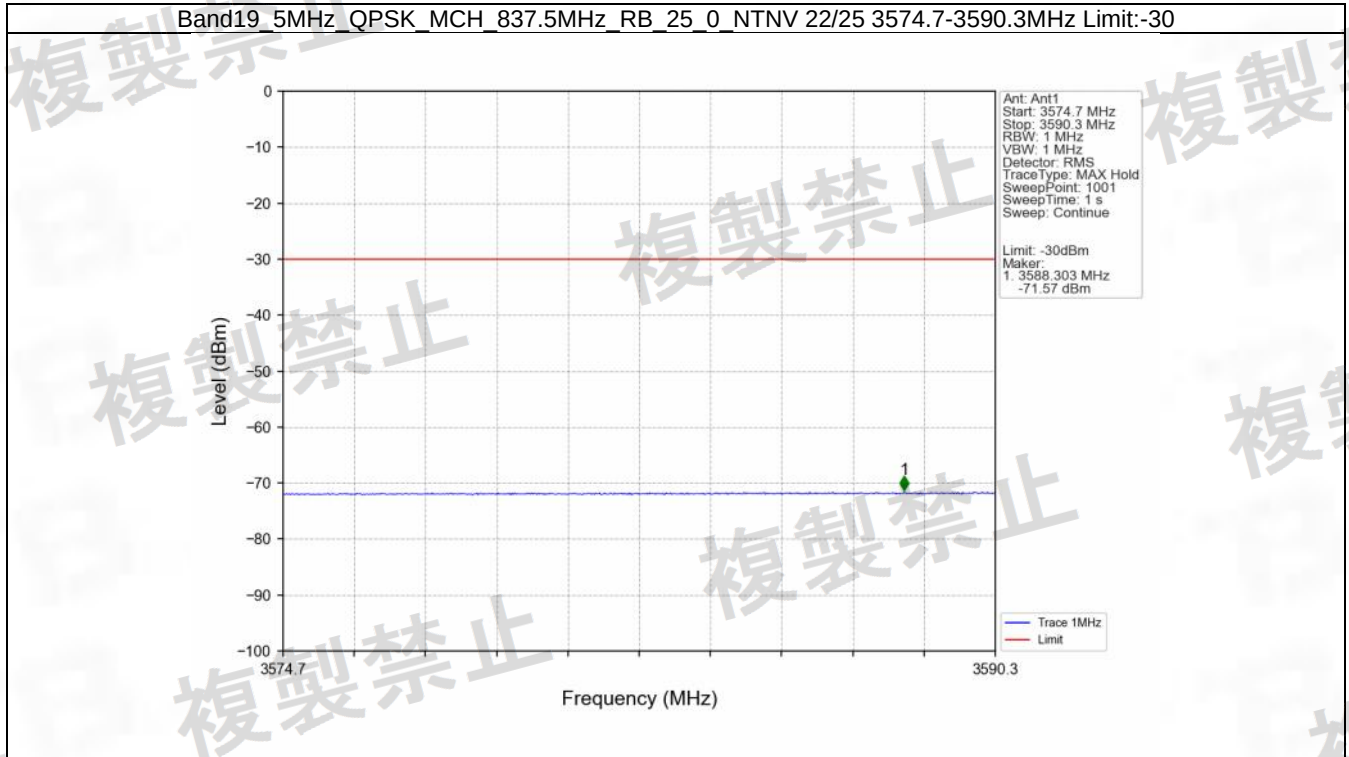


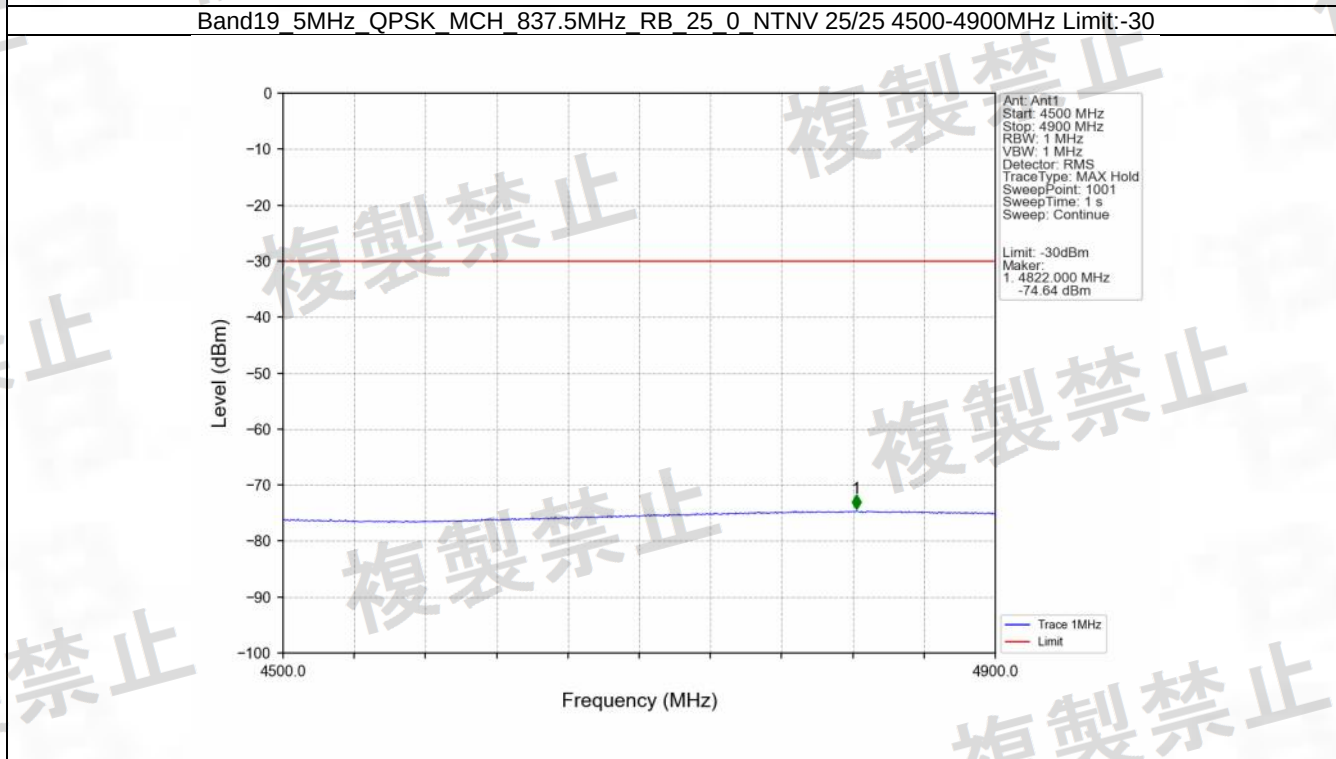
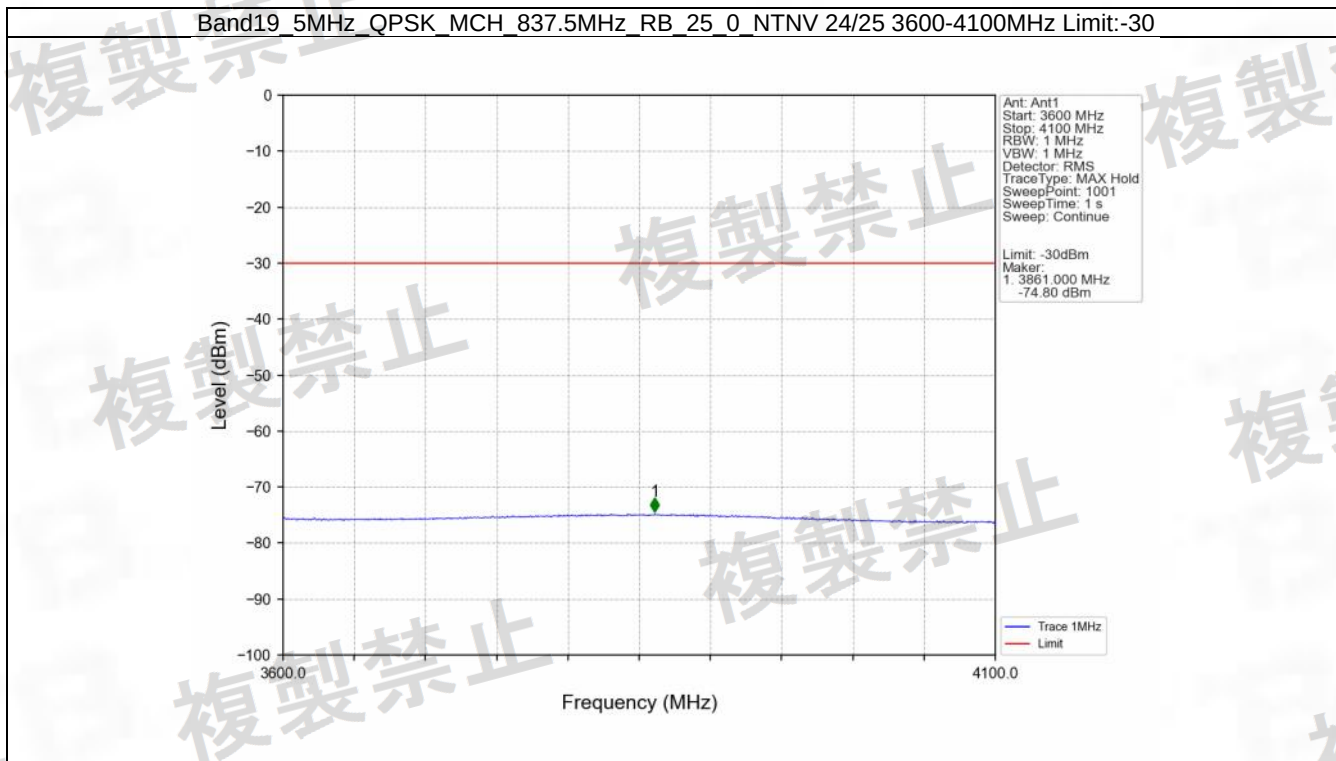


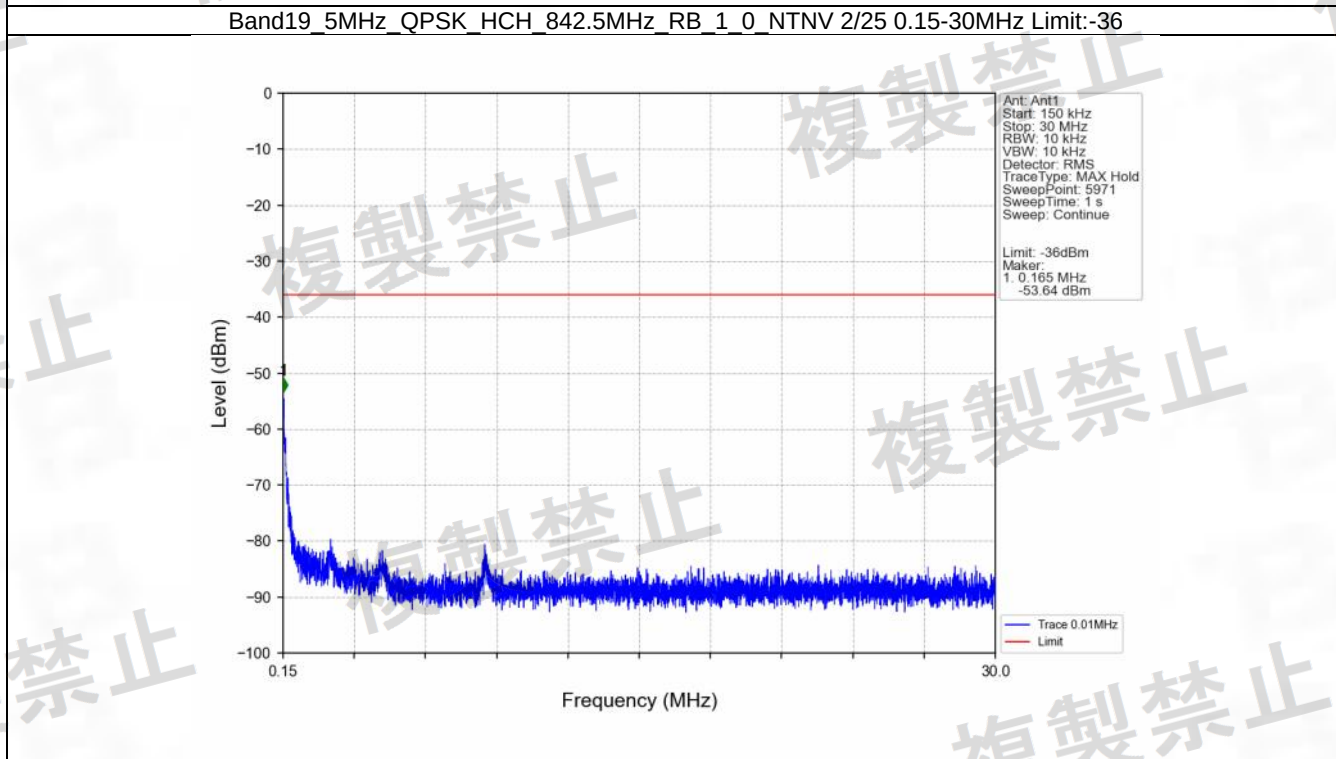
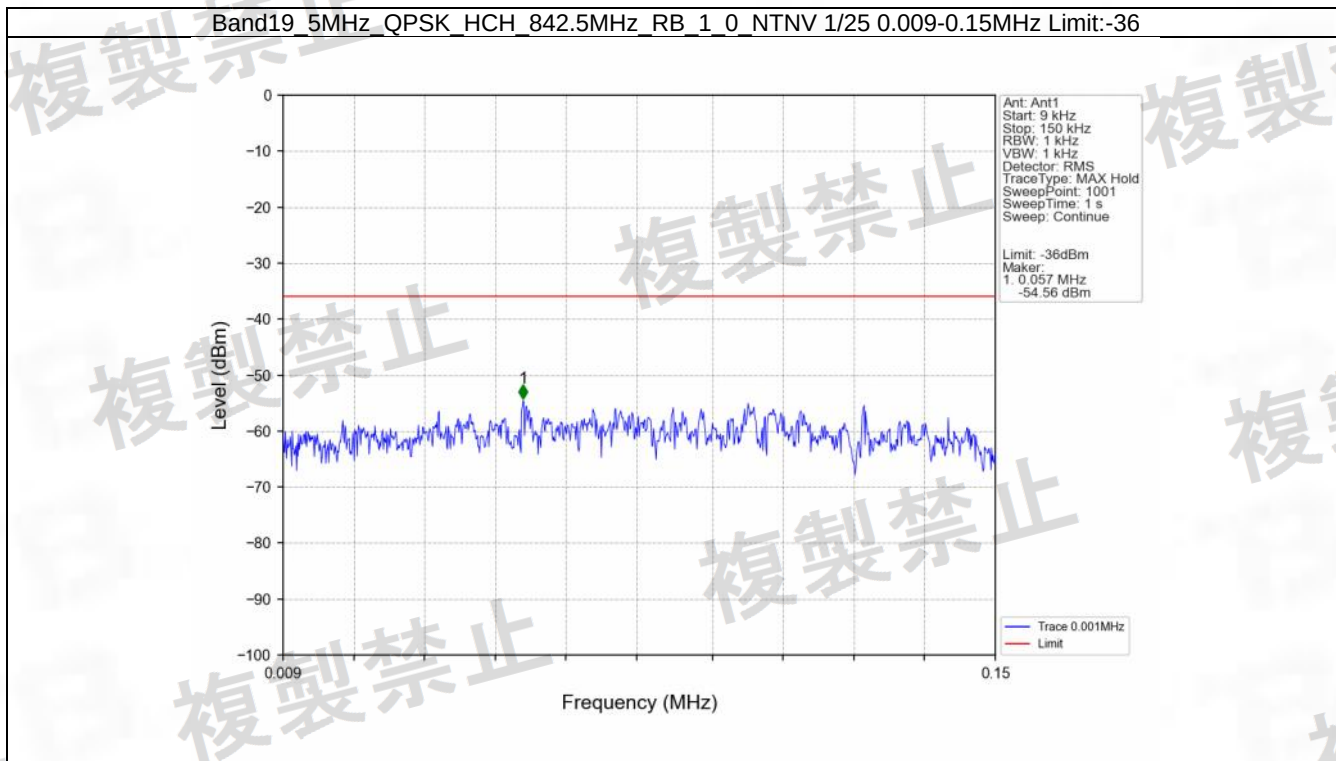


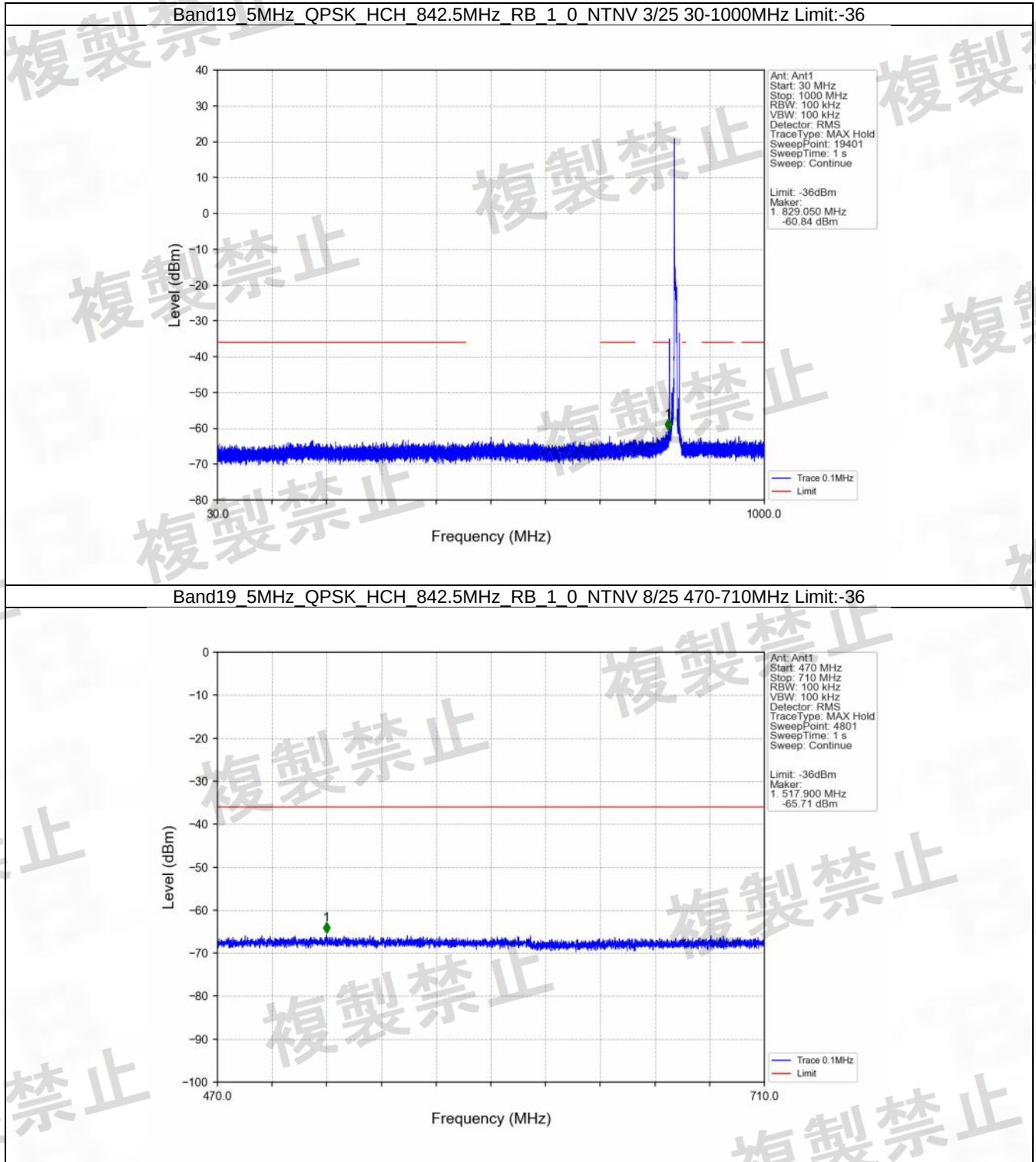


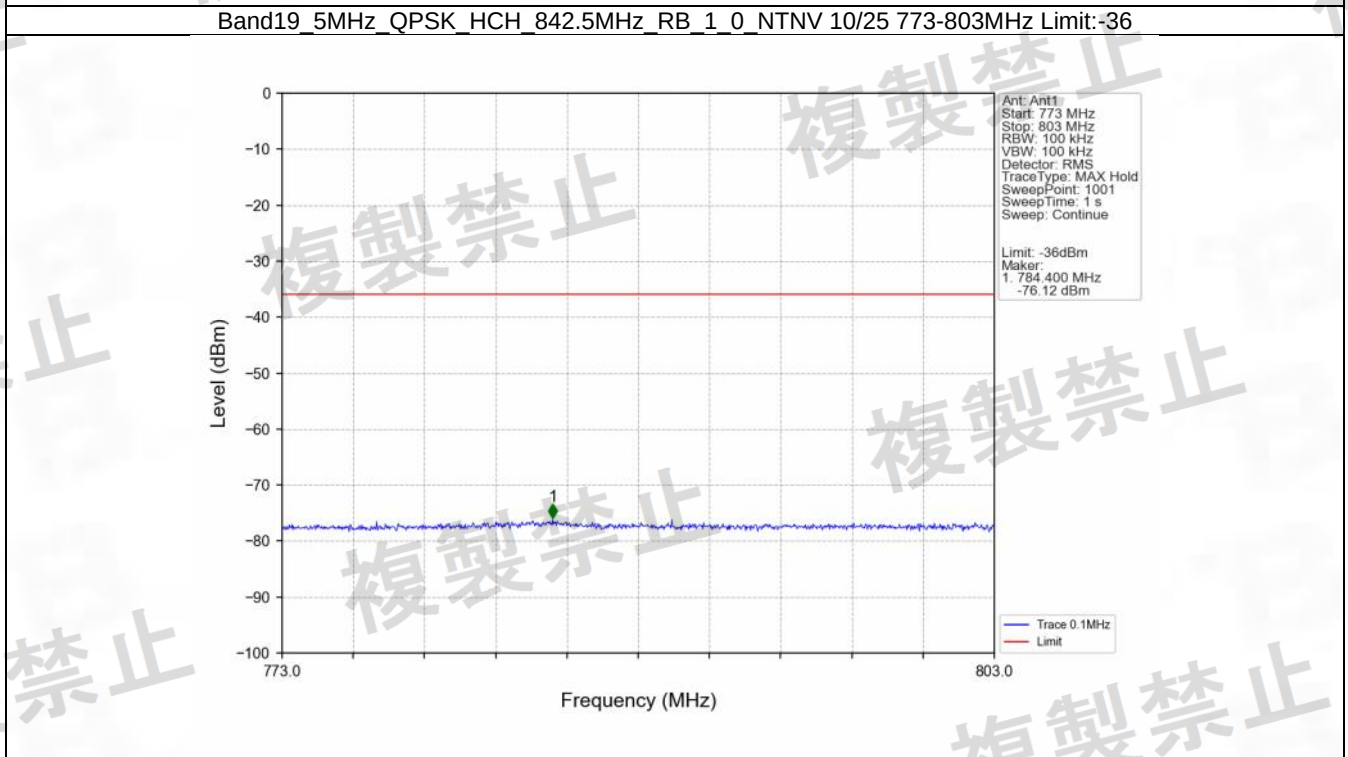
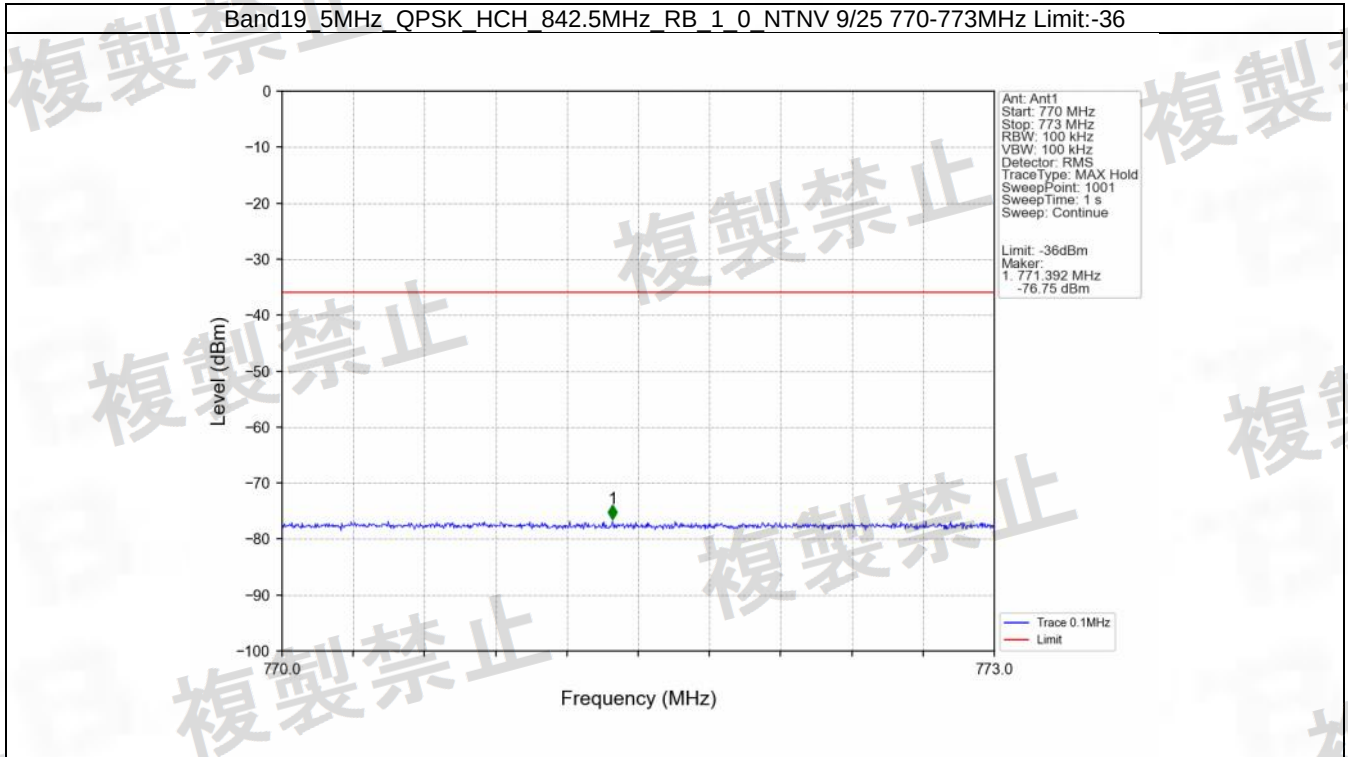




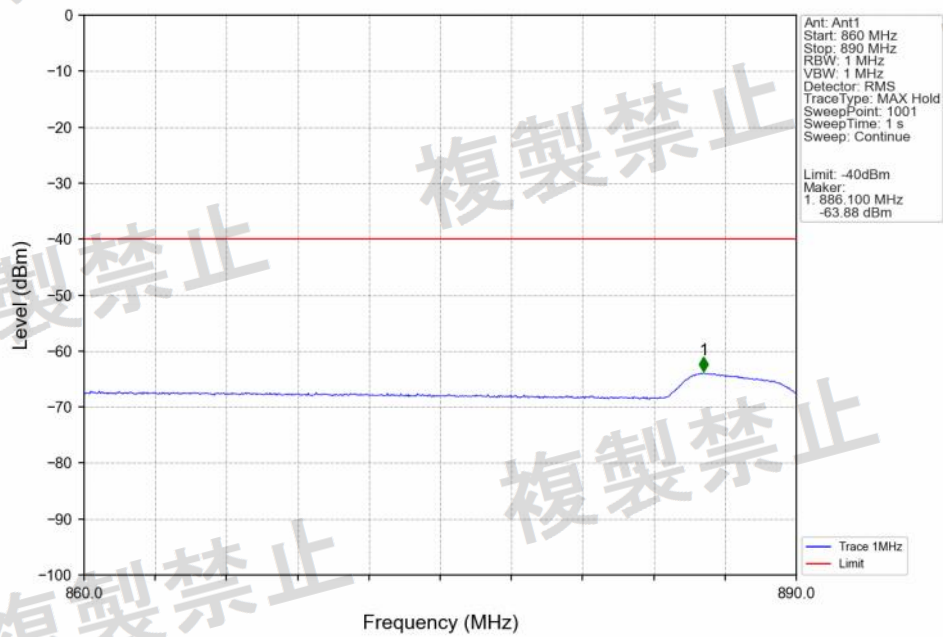




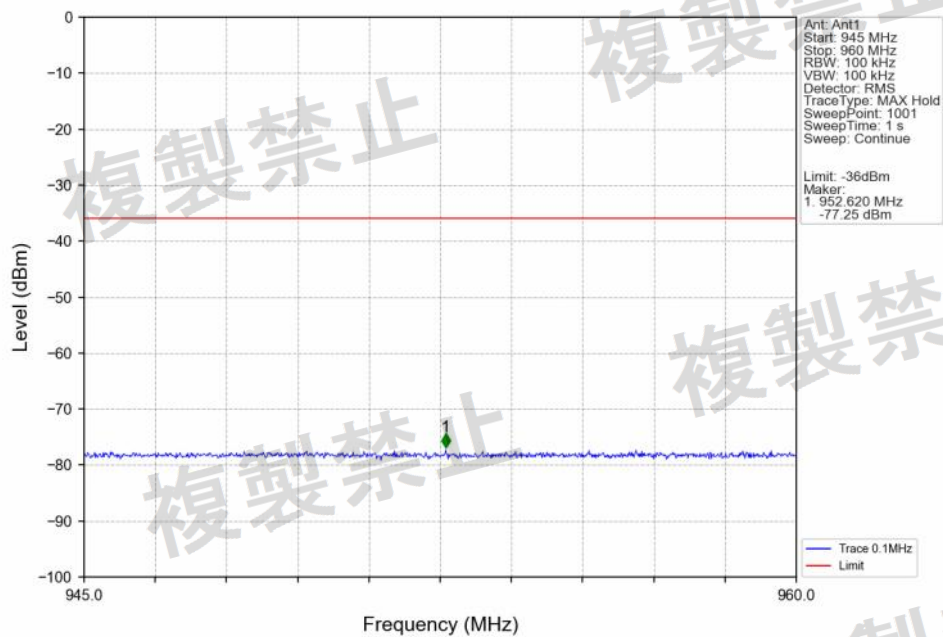


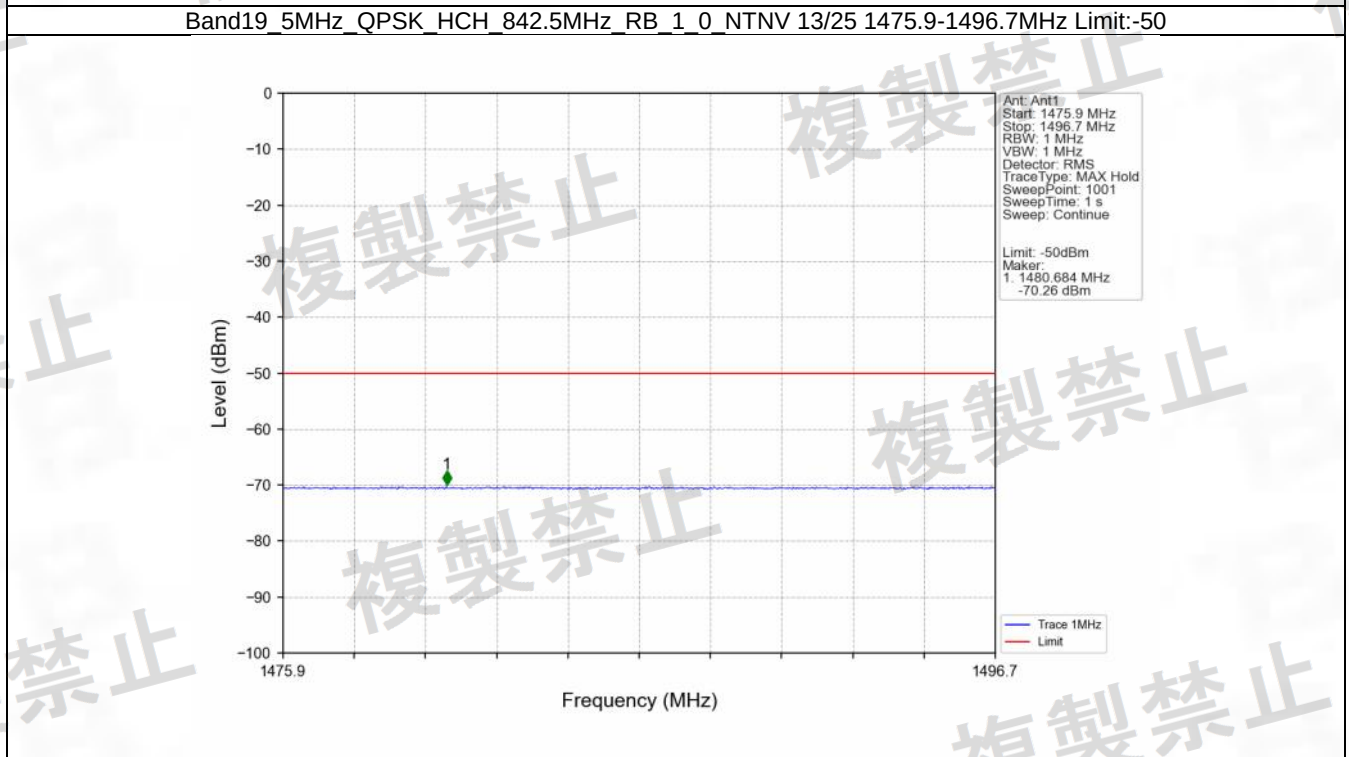
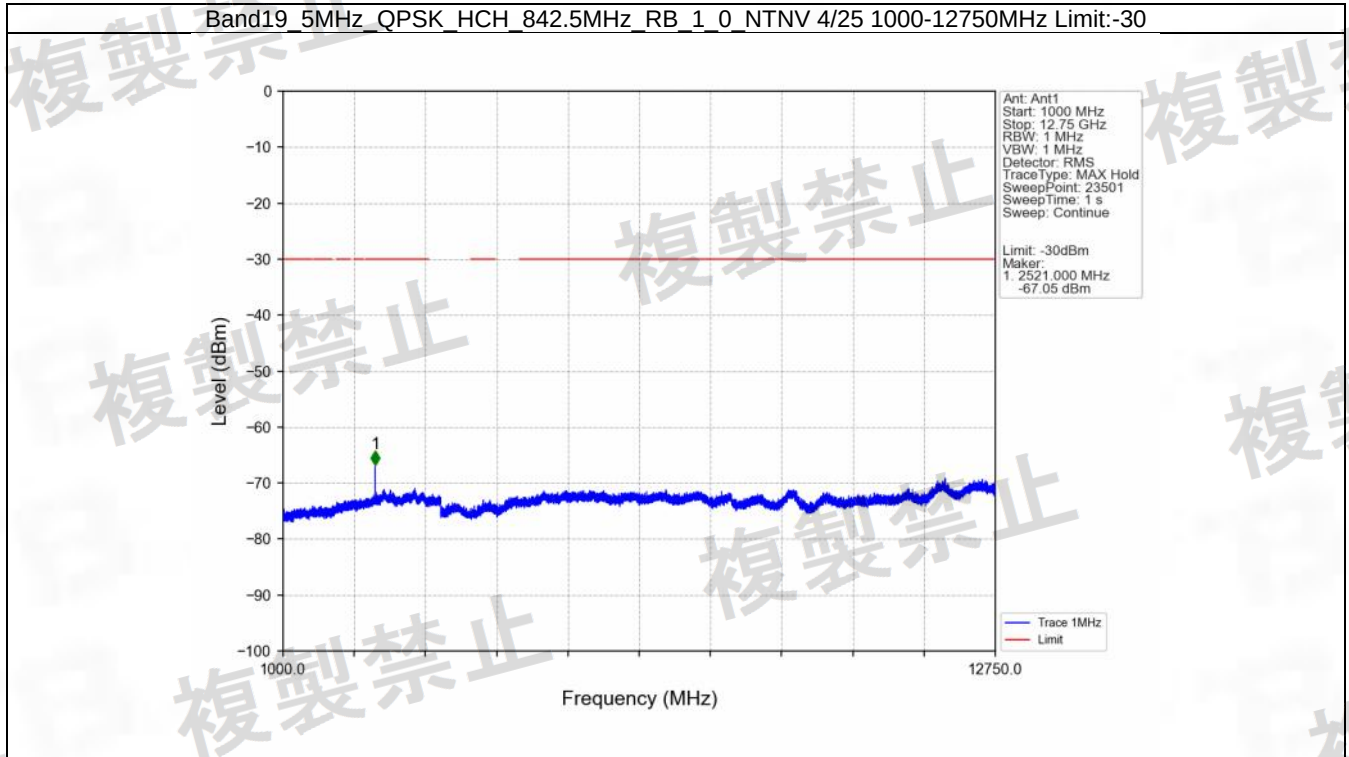


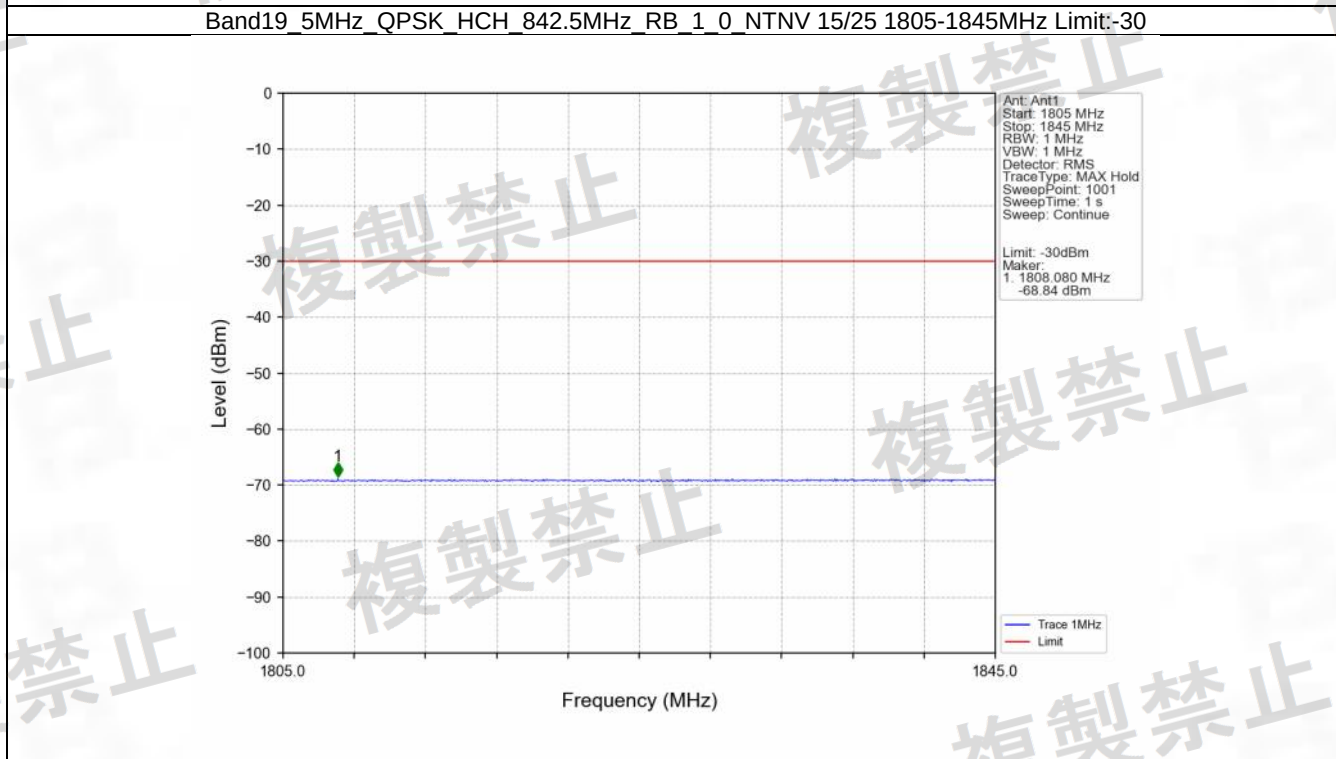
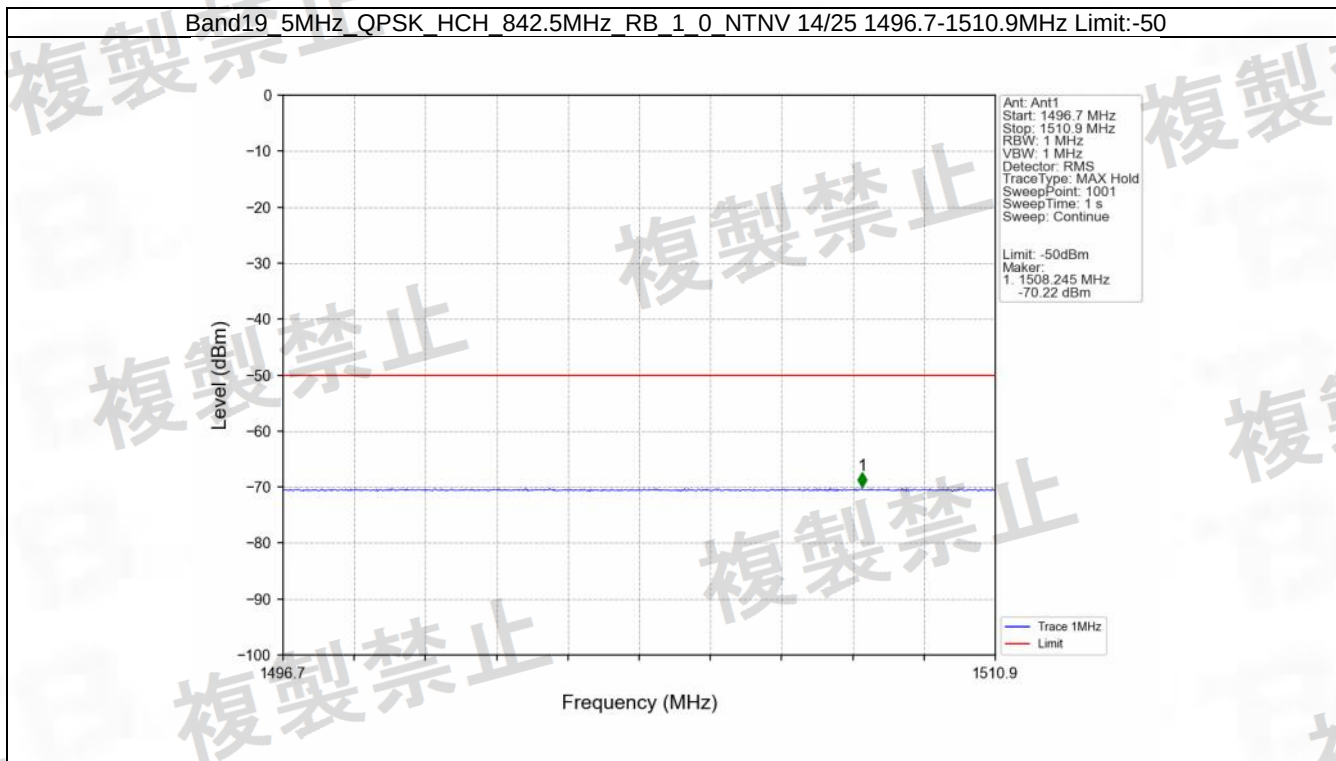
Band19 5MHz QPSK HCH 842.5MHz RB 1 0 NTN 11/25 860-890MHz Limit:-40

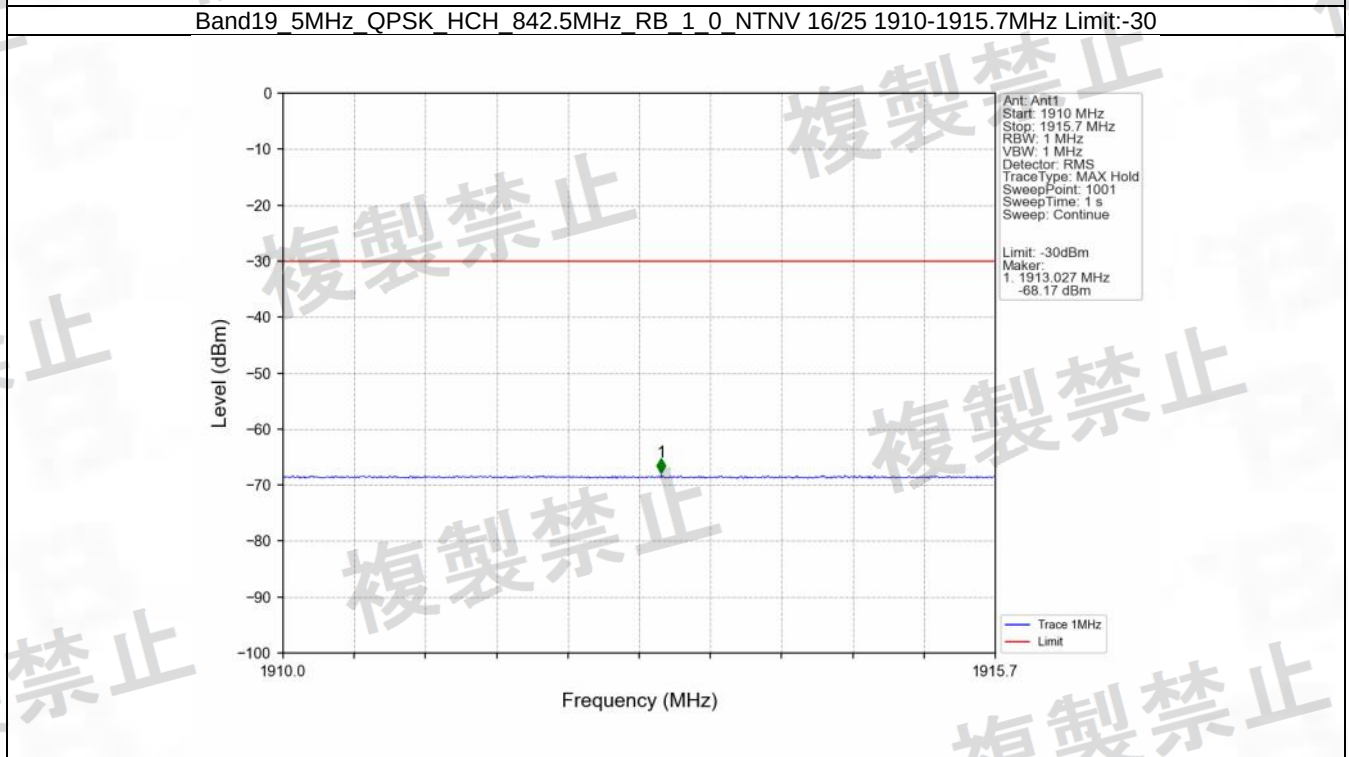
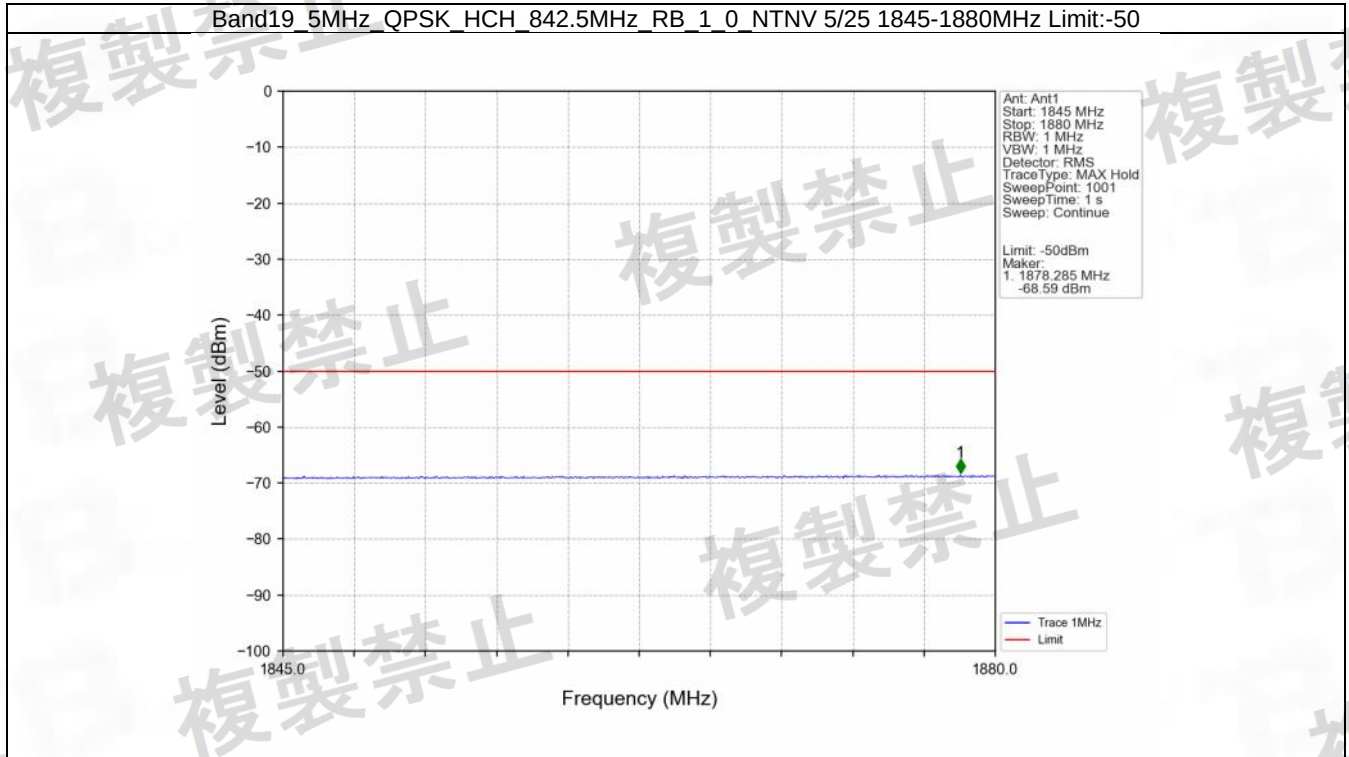


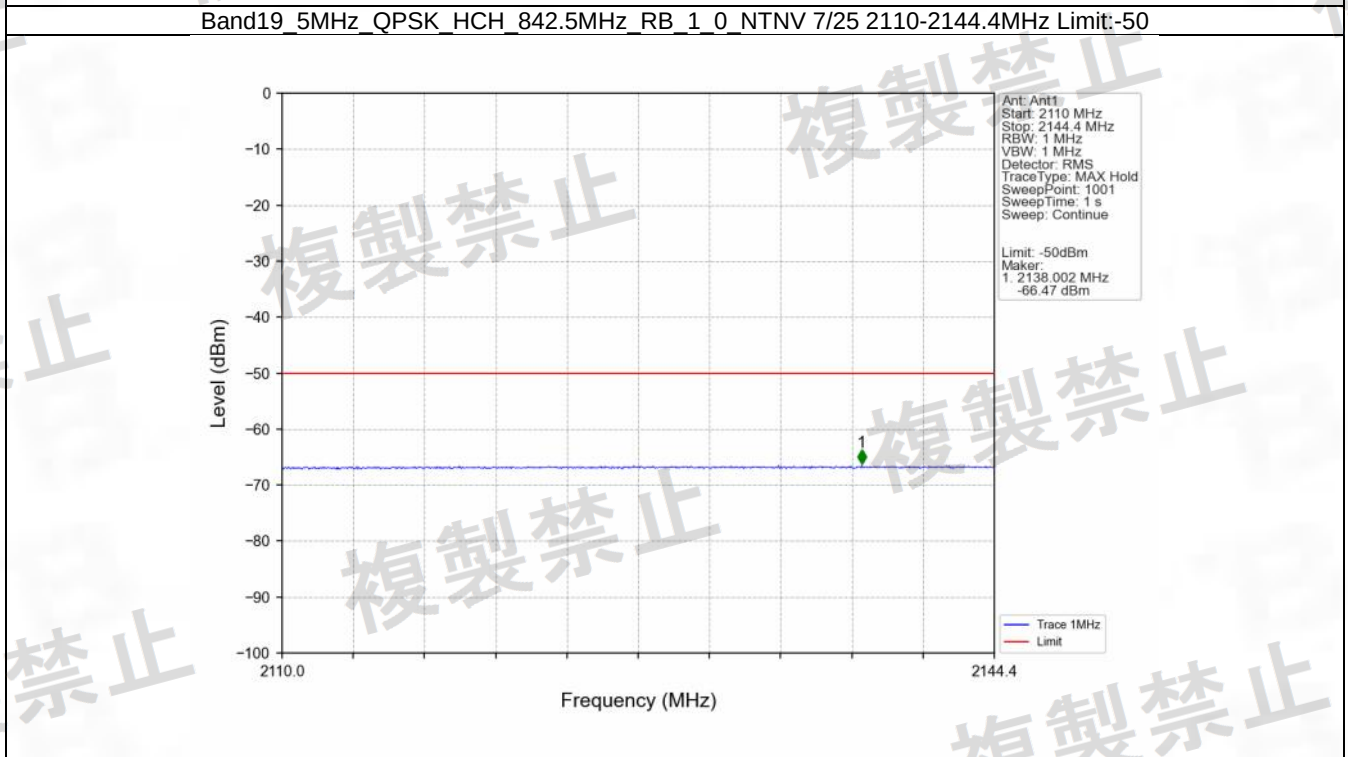
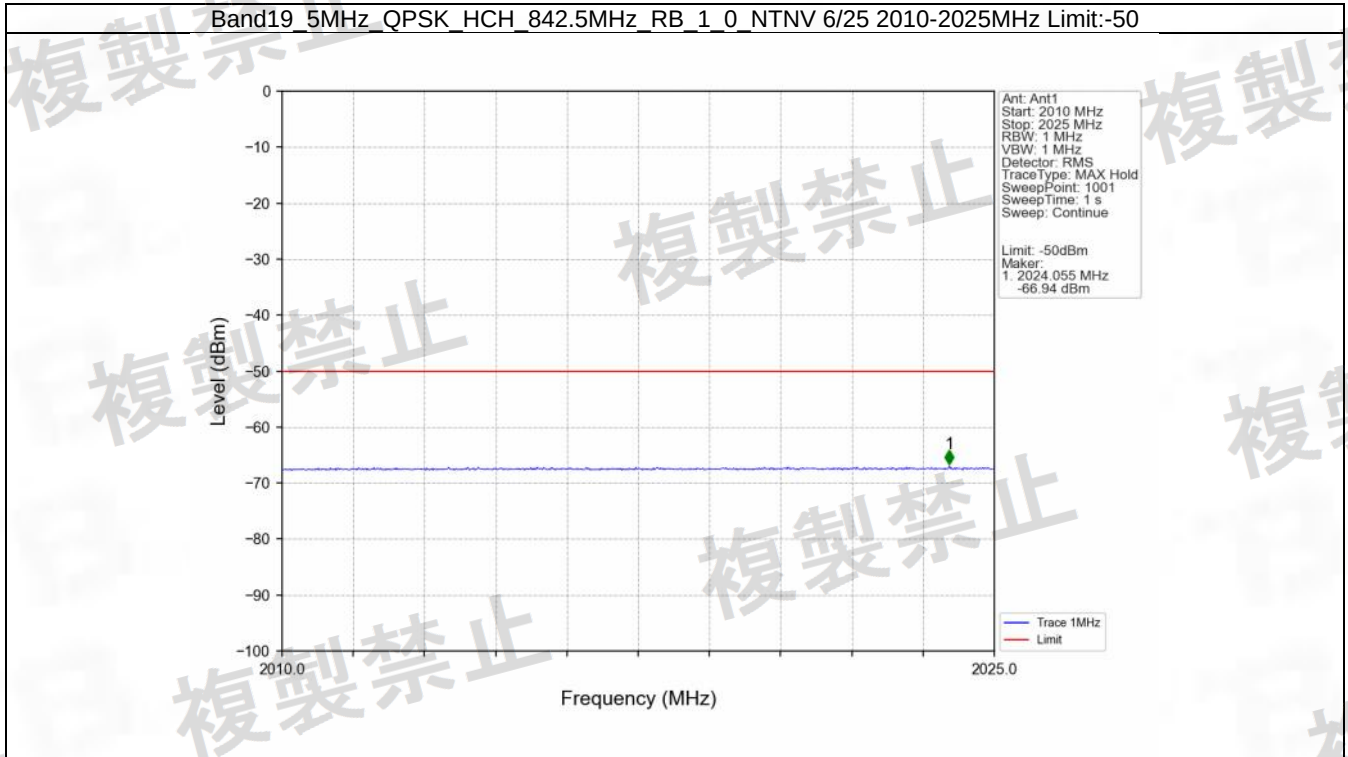
Band19 5MHz QPSK HCH 842.5MHz RB 1 0 NTN 12/25 945-960MHz Limit:-36

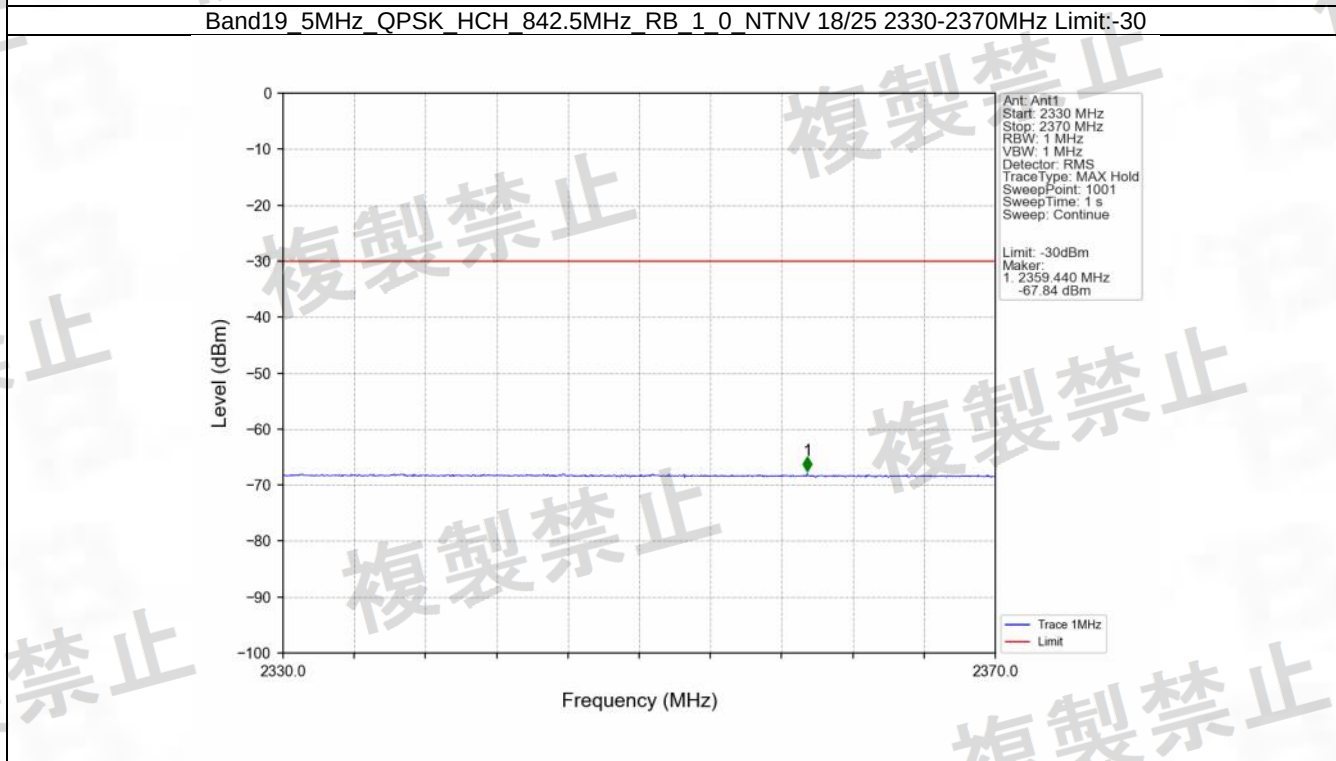
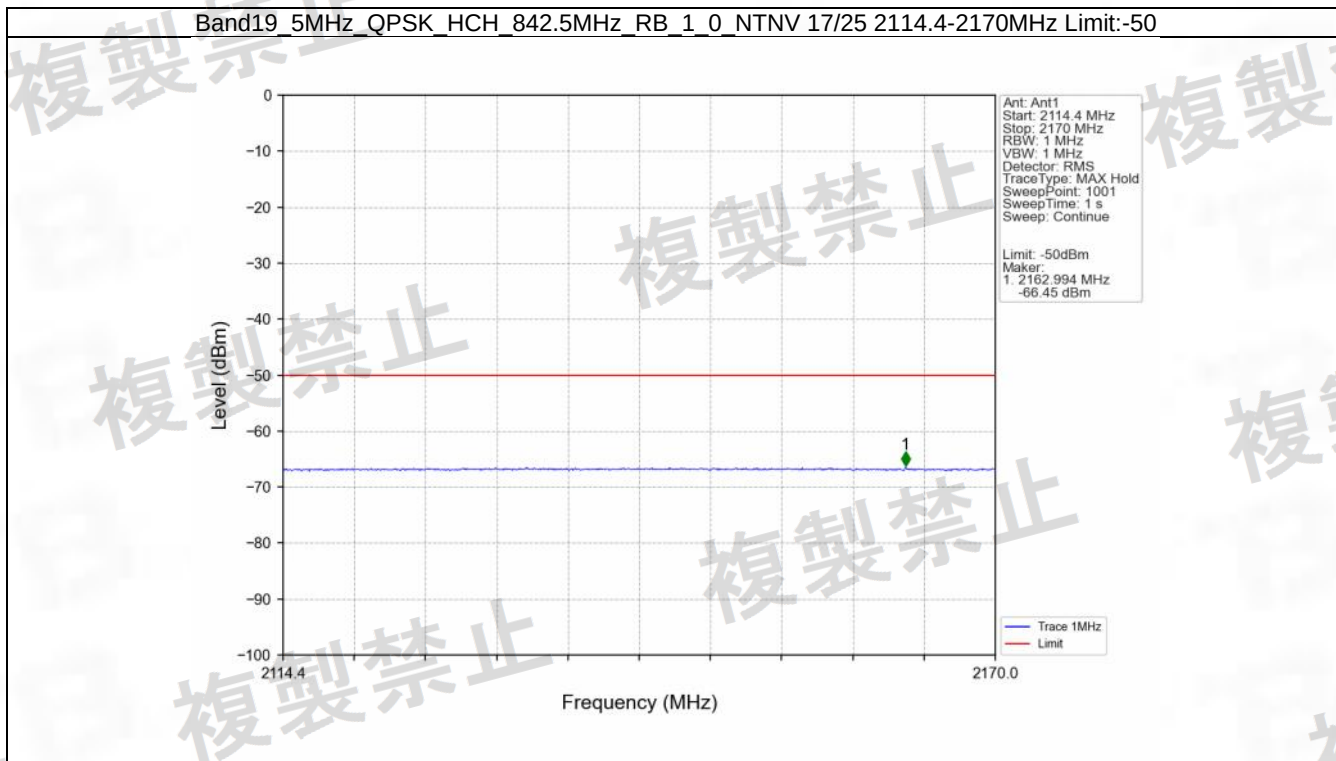


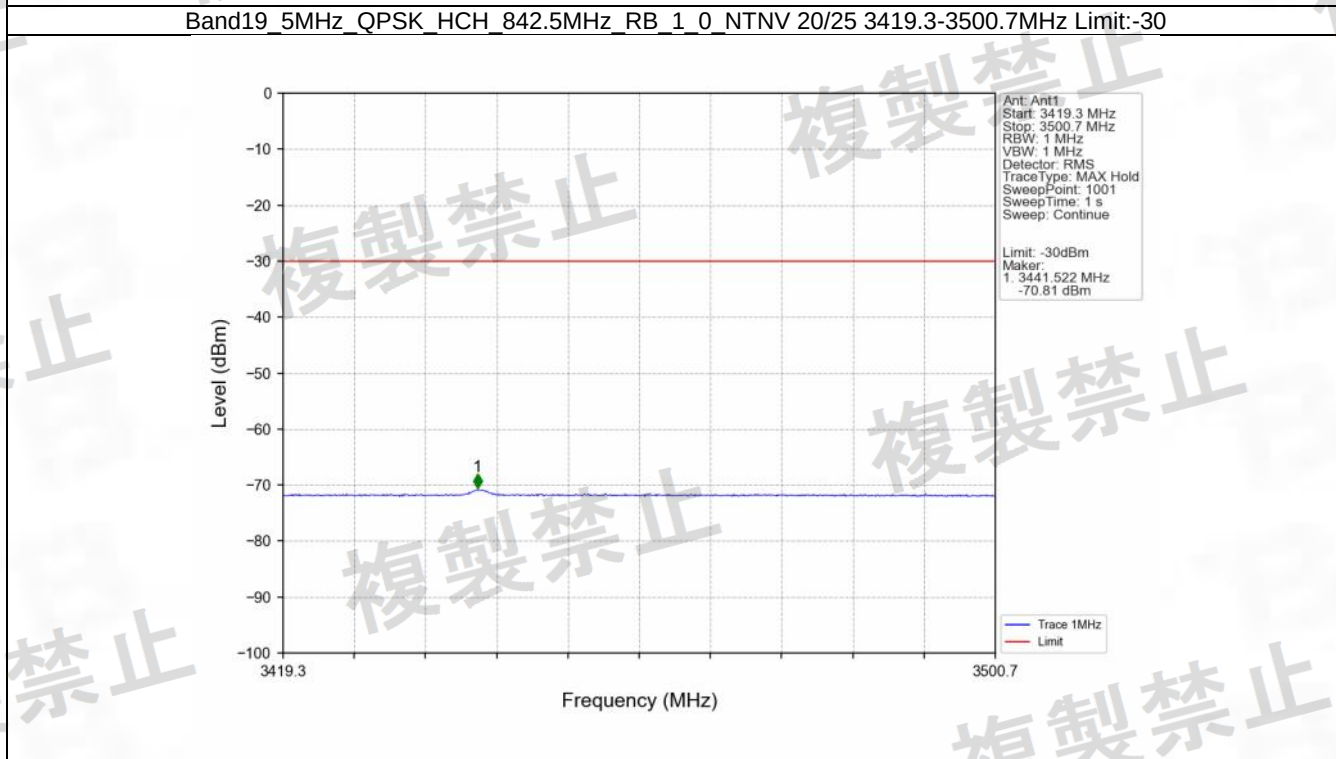
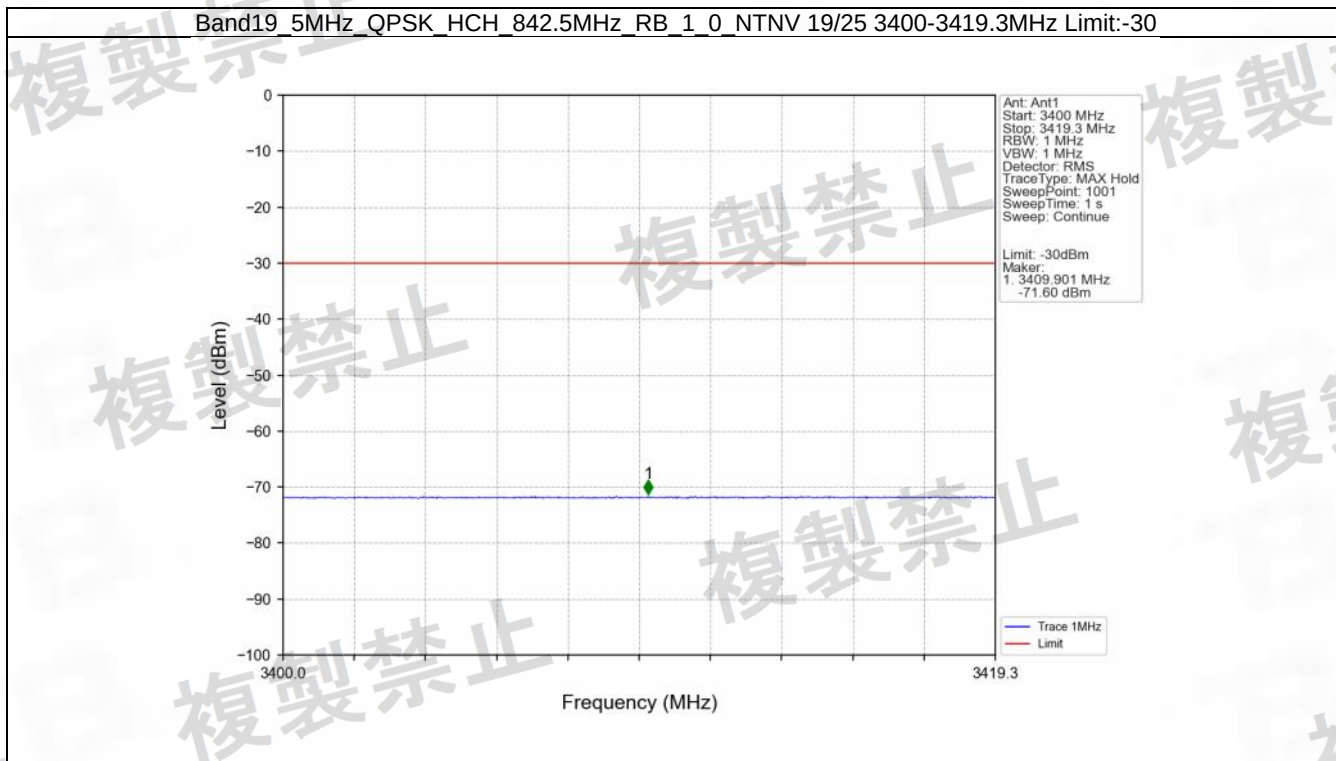


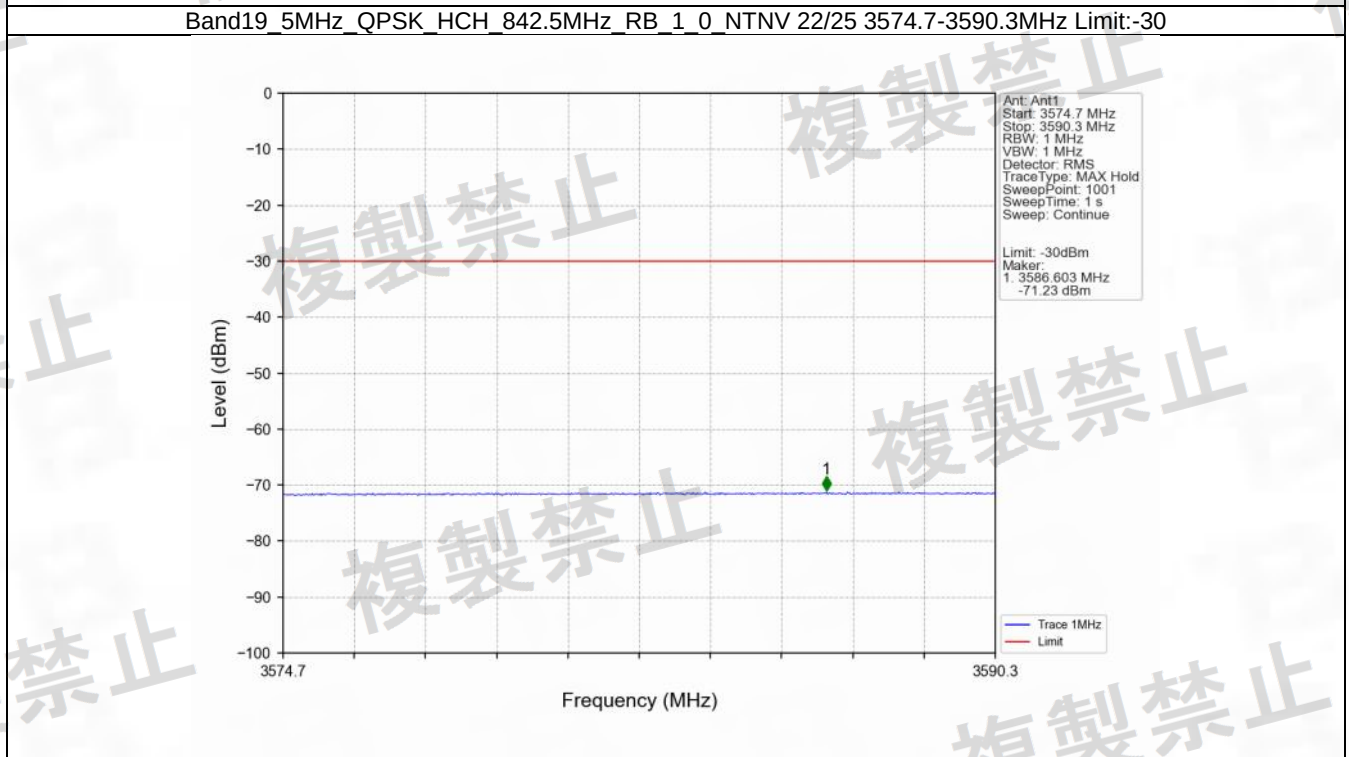
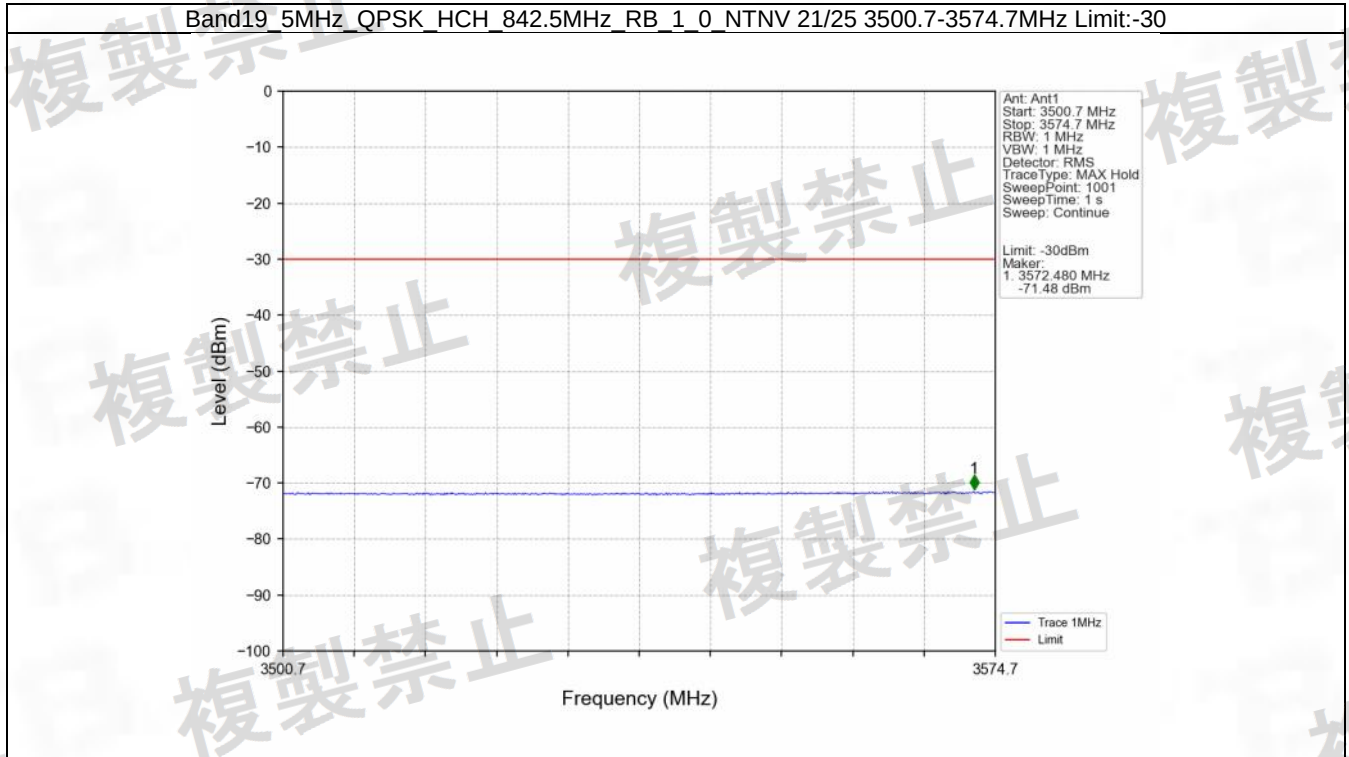


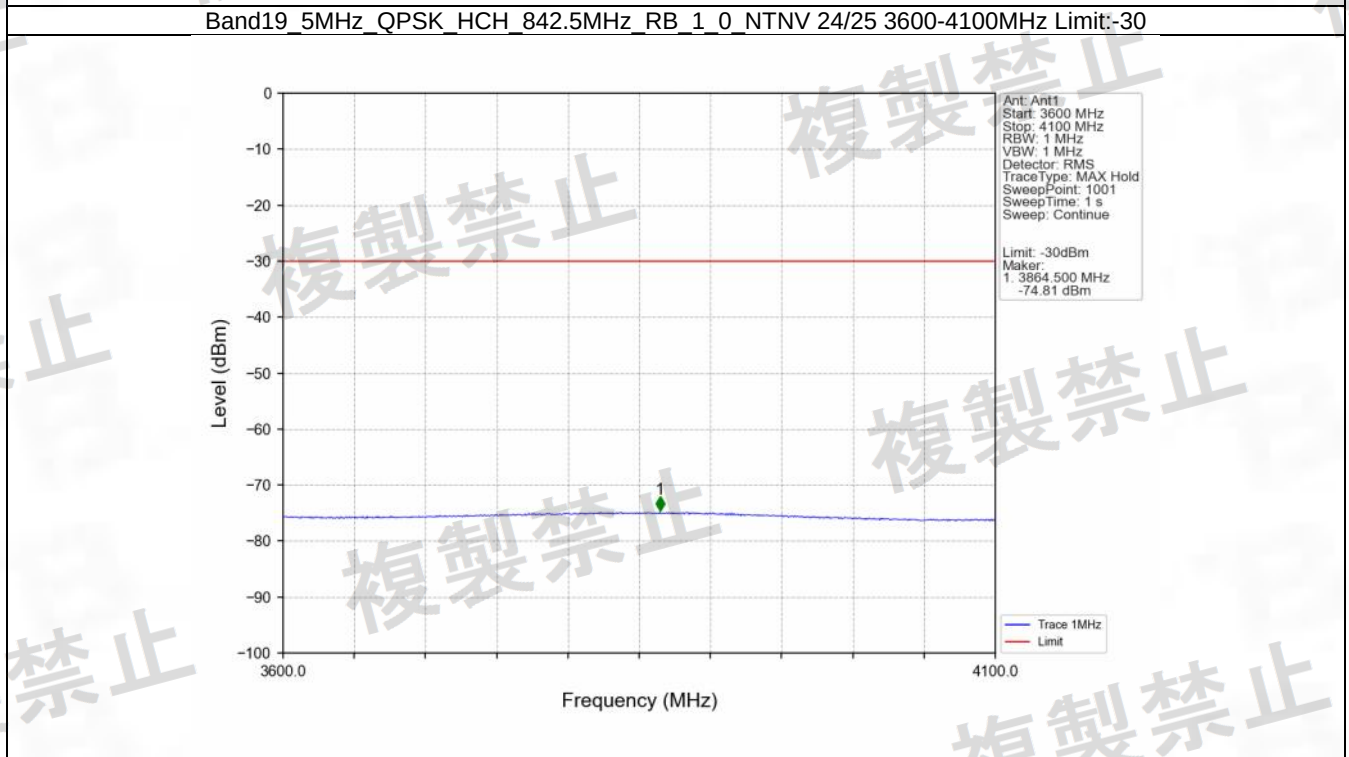
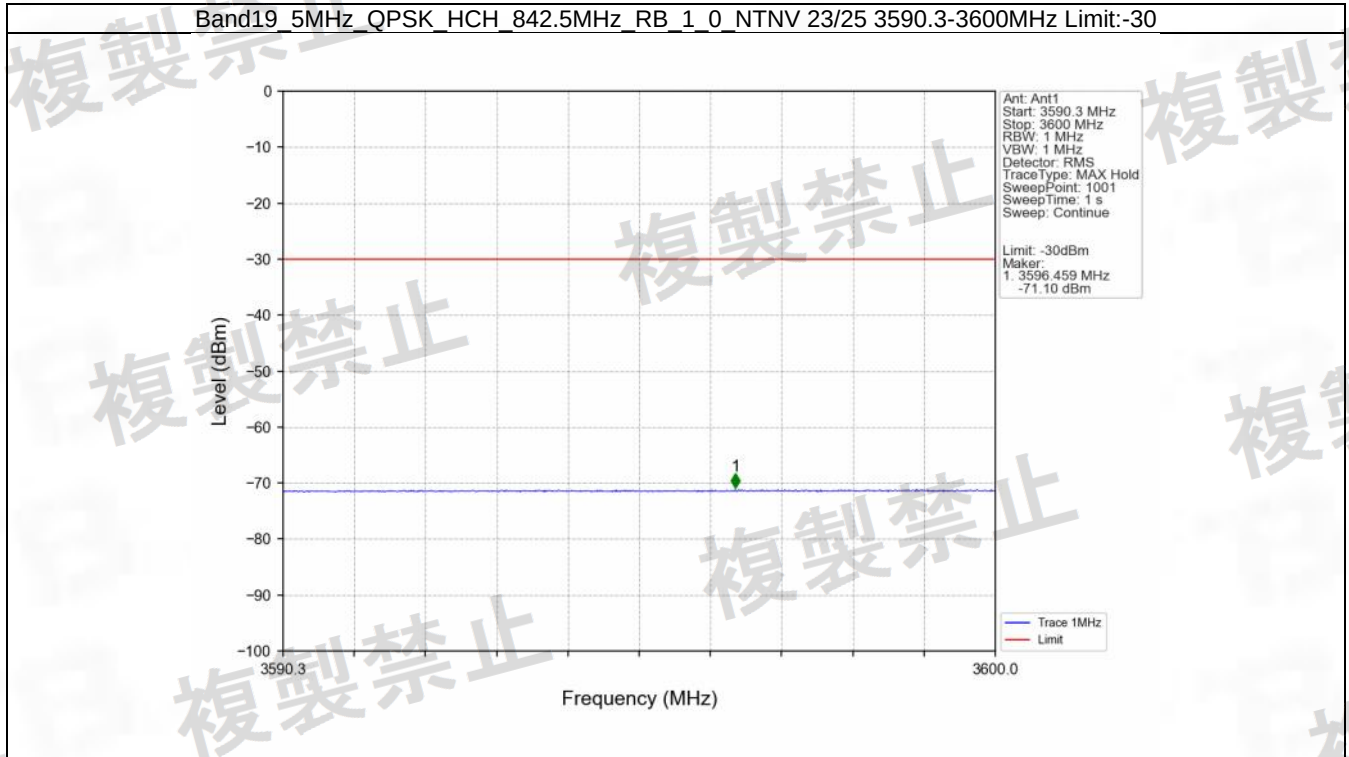


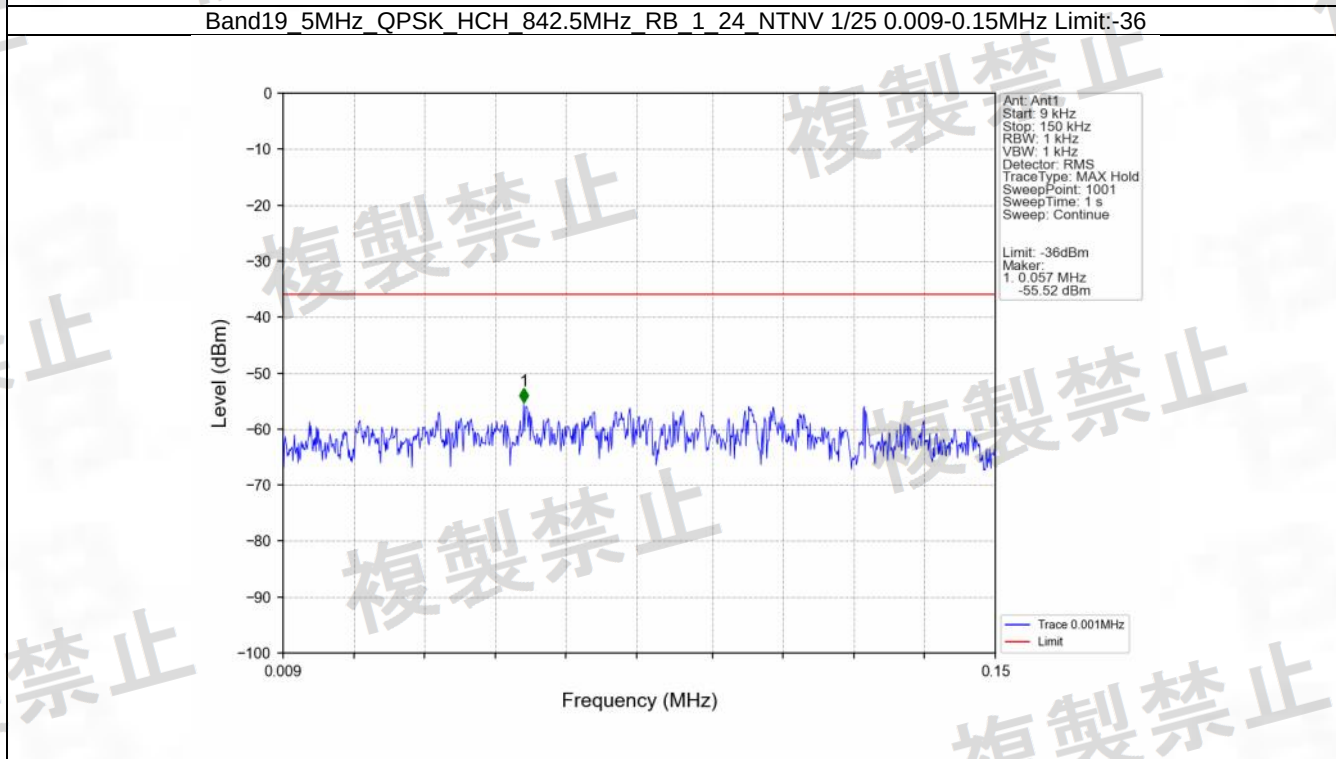
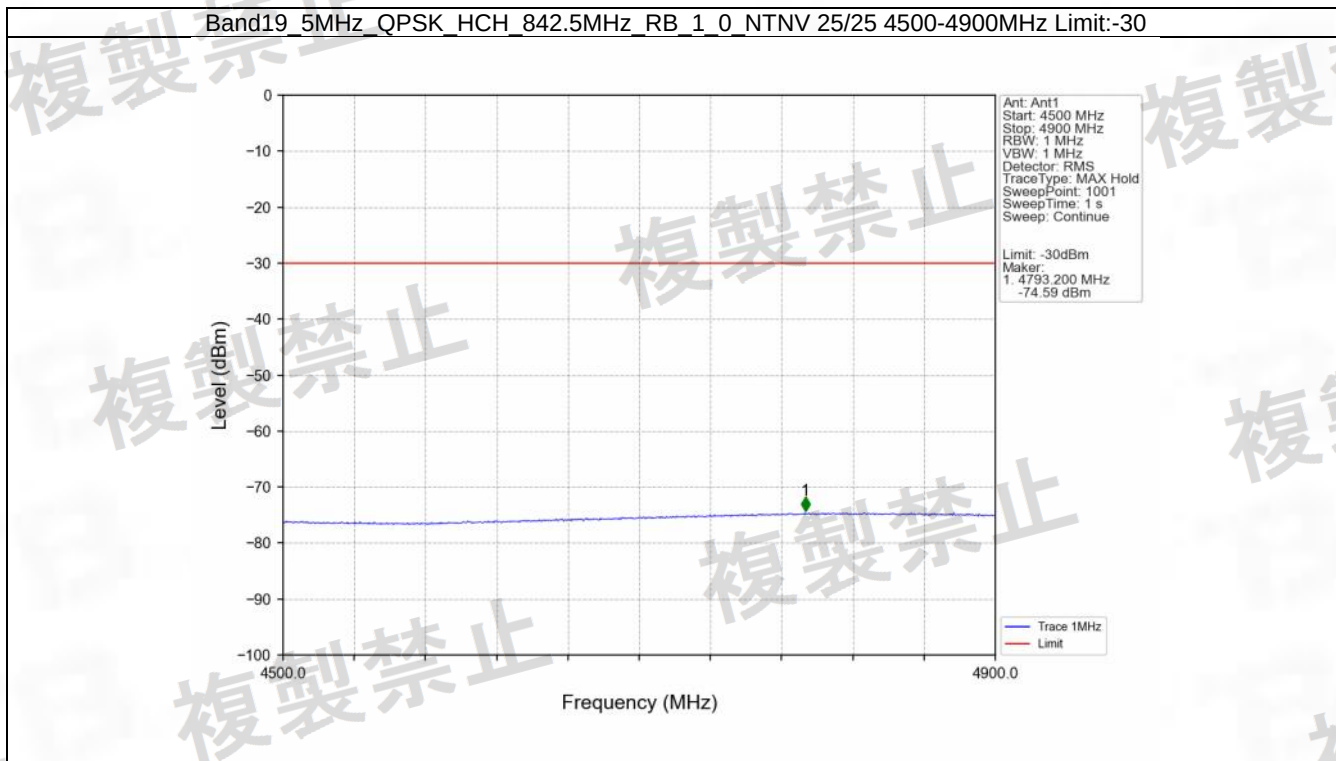




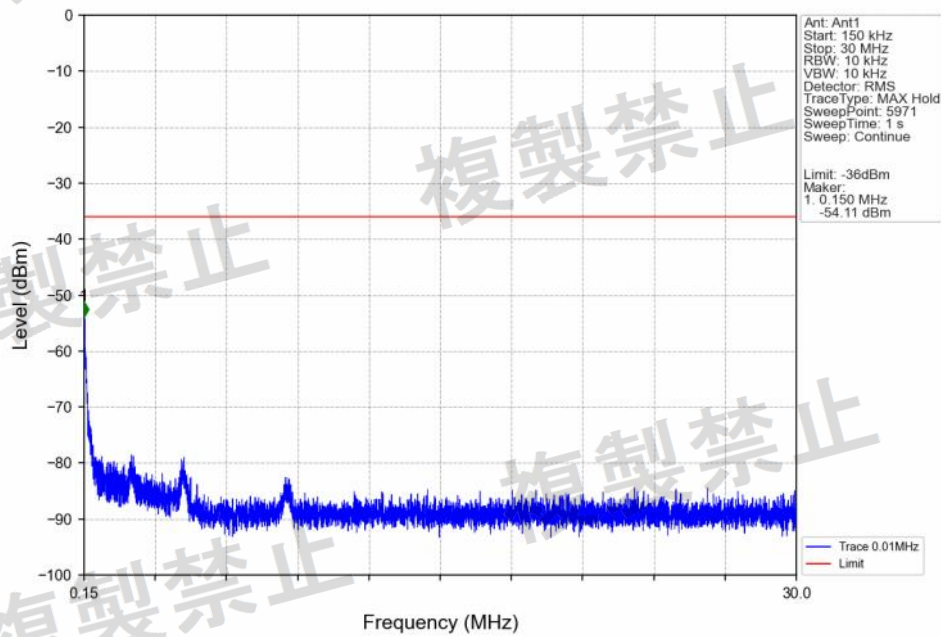




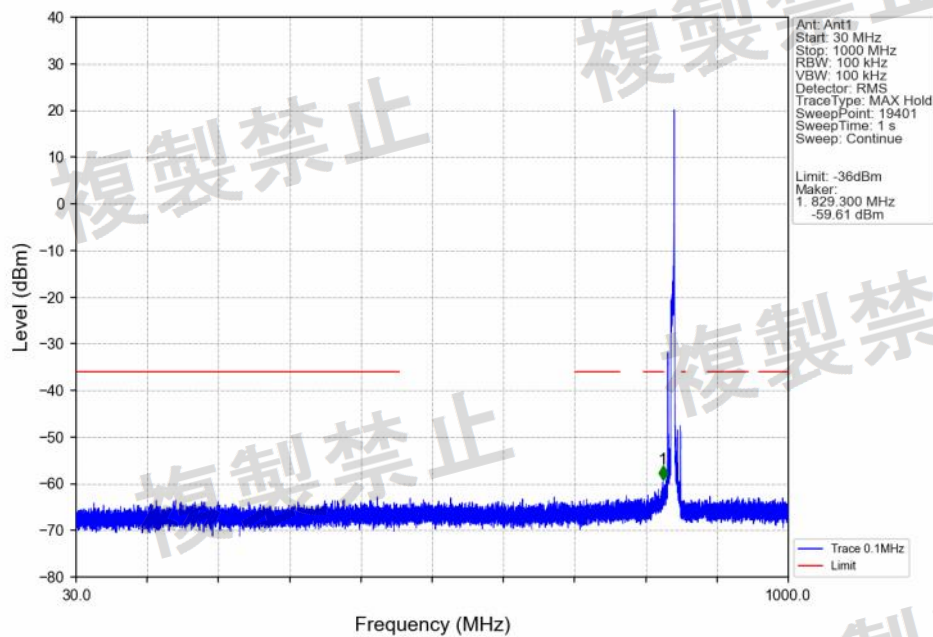




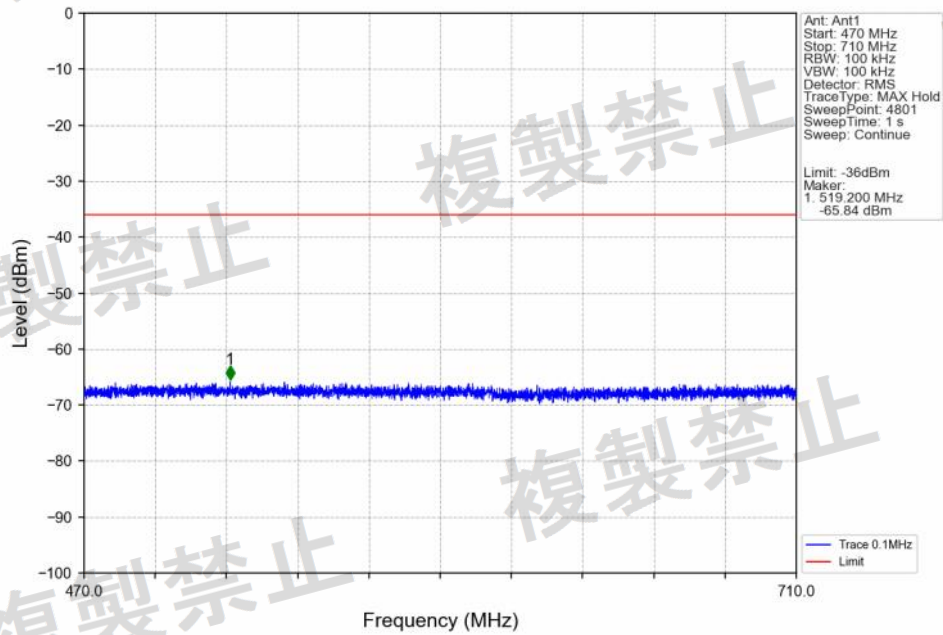
Band19 5MHz QPSK HCH 842.5MHz RB 1 24 NTNV 2/25 0.15-30MHz Limit:-36



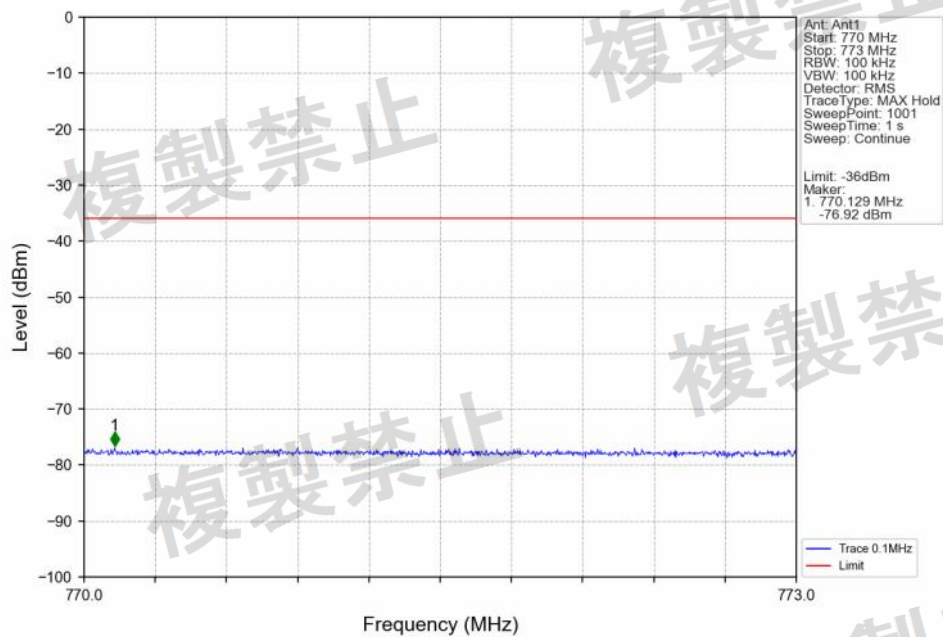
Band19 5MHz QPSK HCH 842.5MHz RB 1 24 NTNV 3/25 30-1000MHz Limit:-36

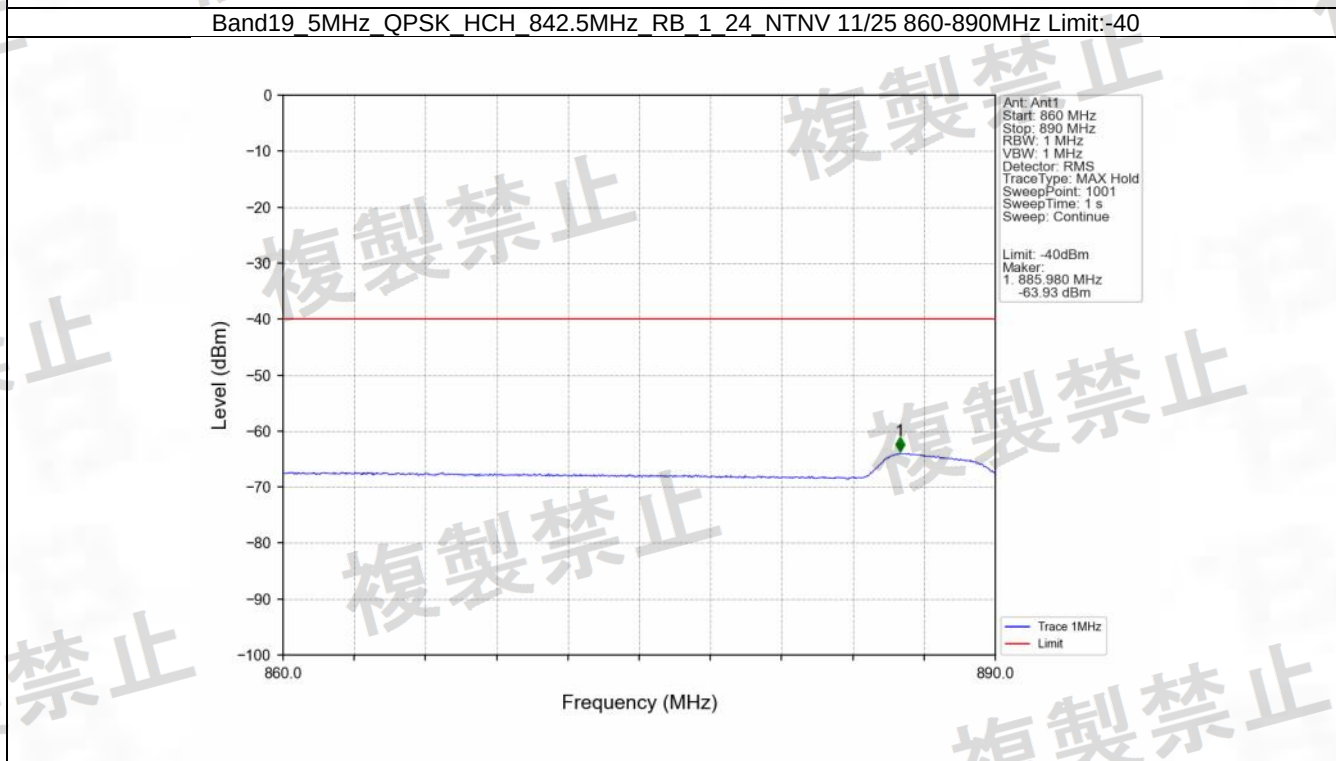
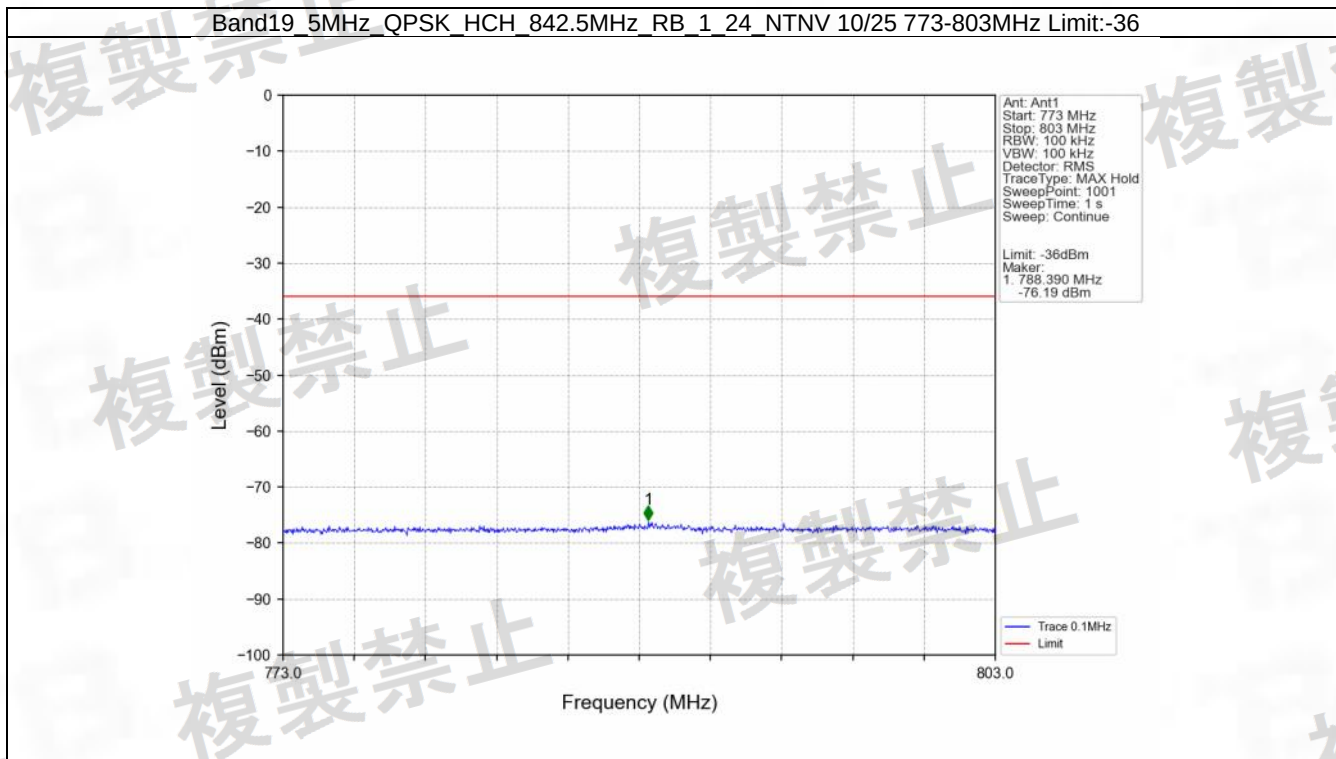


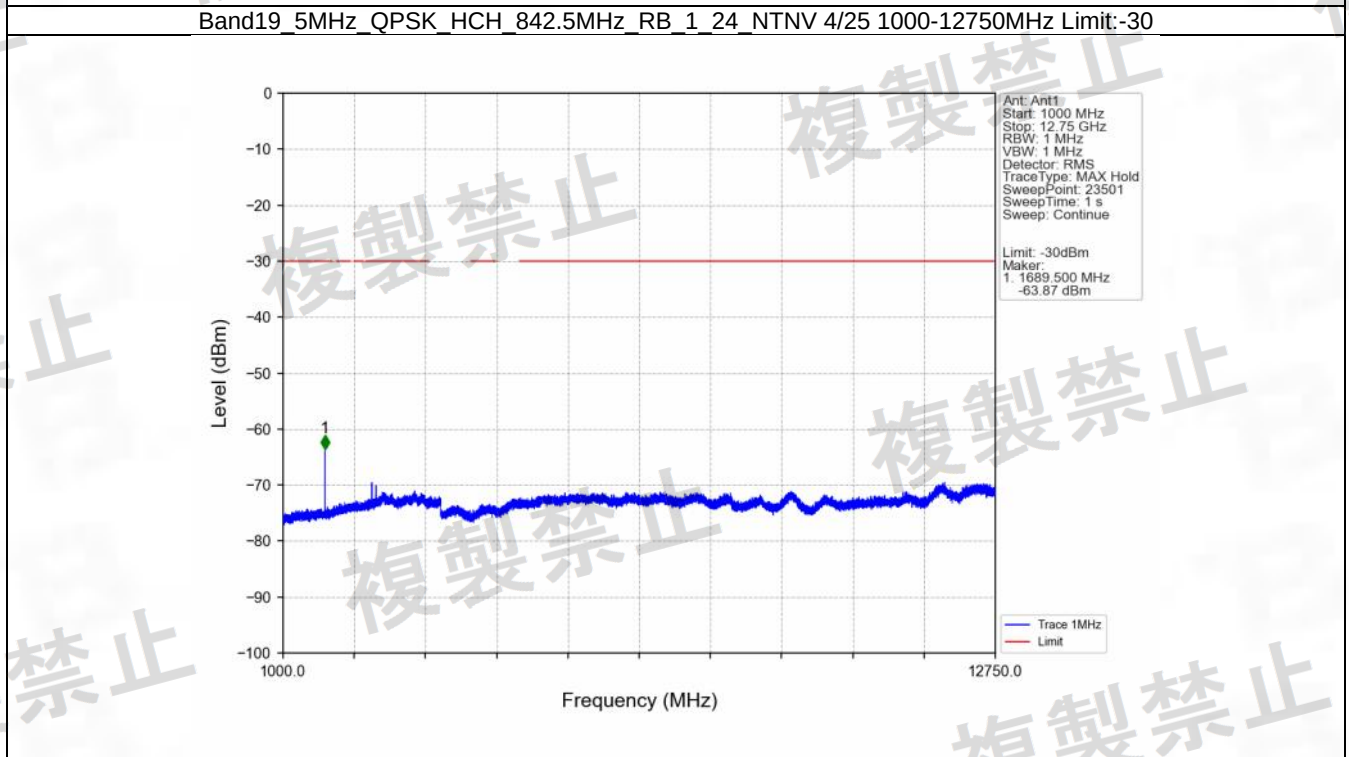
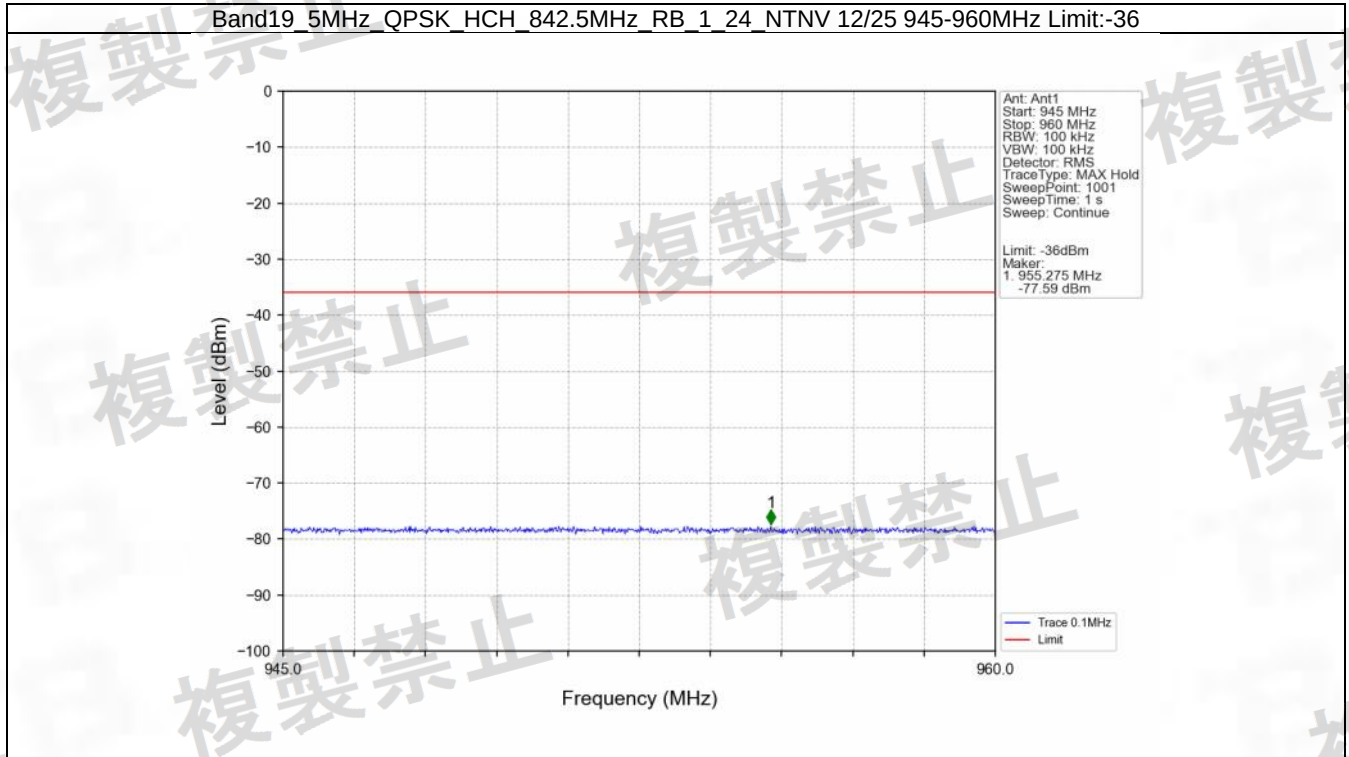
Band19 5MHz QPSK HCH 842.5MHz RB 1 24 NTNV 8/25 470-710MHz Limit:-36



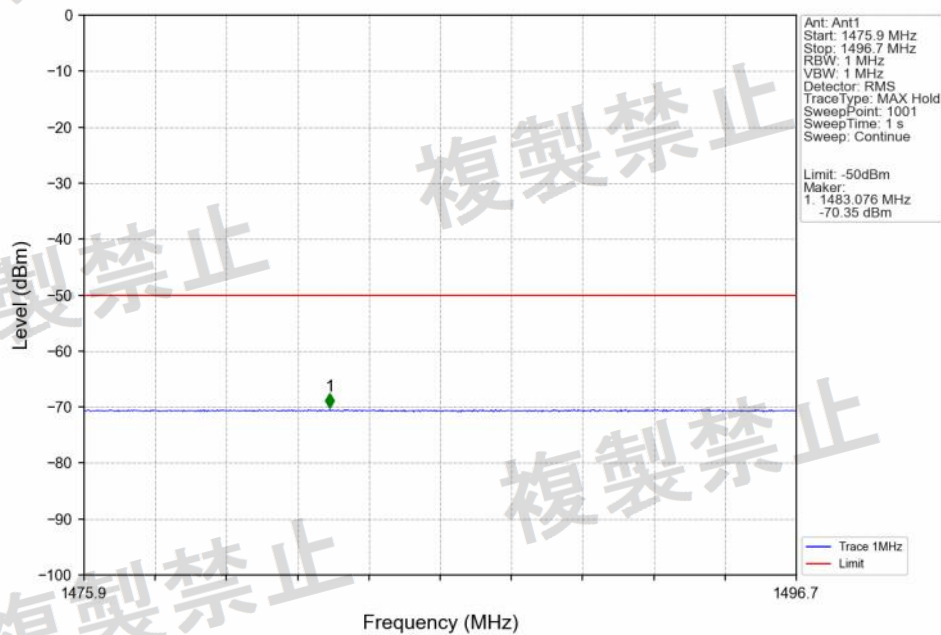
Band19 5MHz QPSK HCH 842.5MHz RB 1 24 NTNV 9/25 770-773MHz Limit:-36



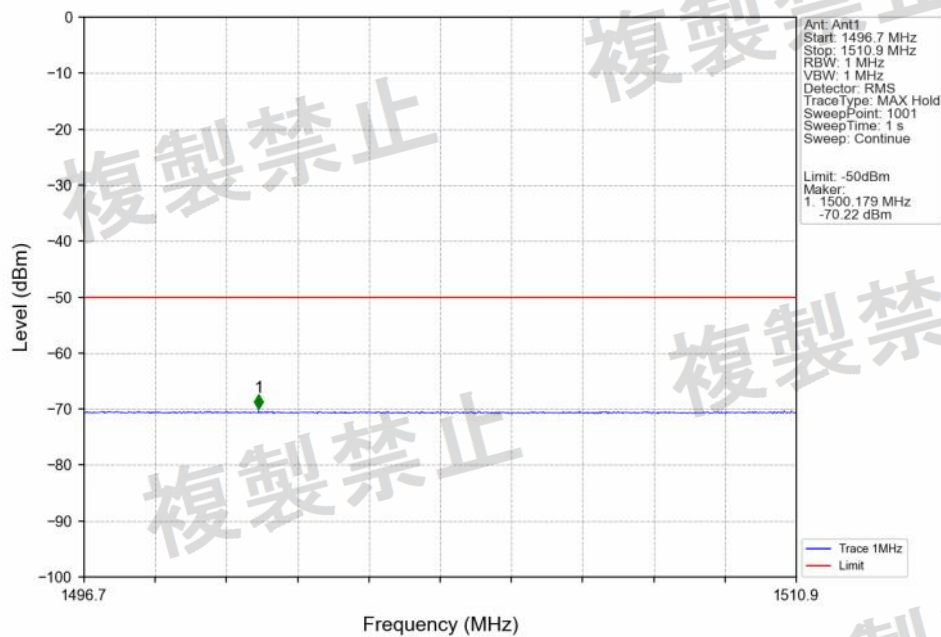


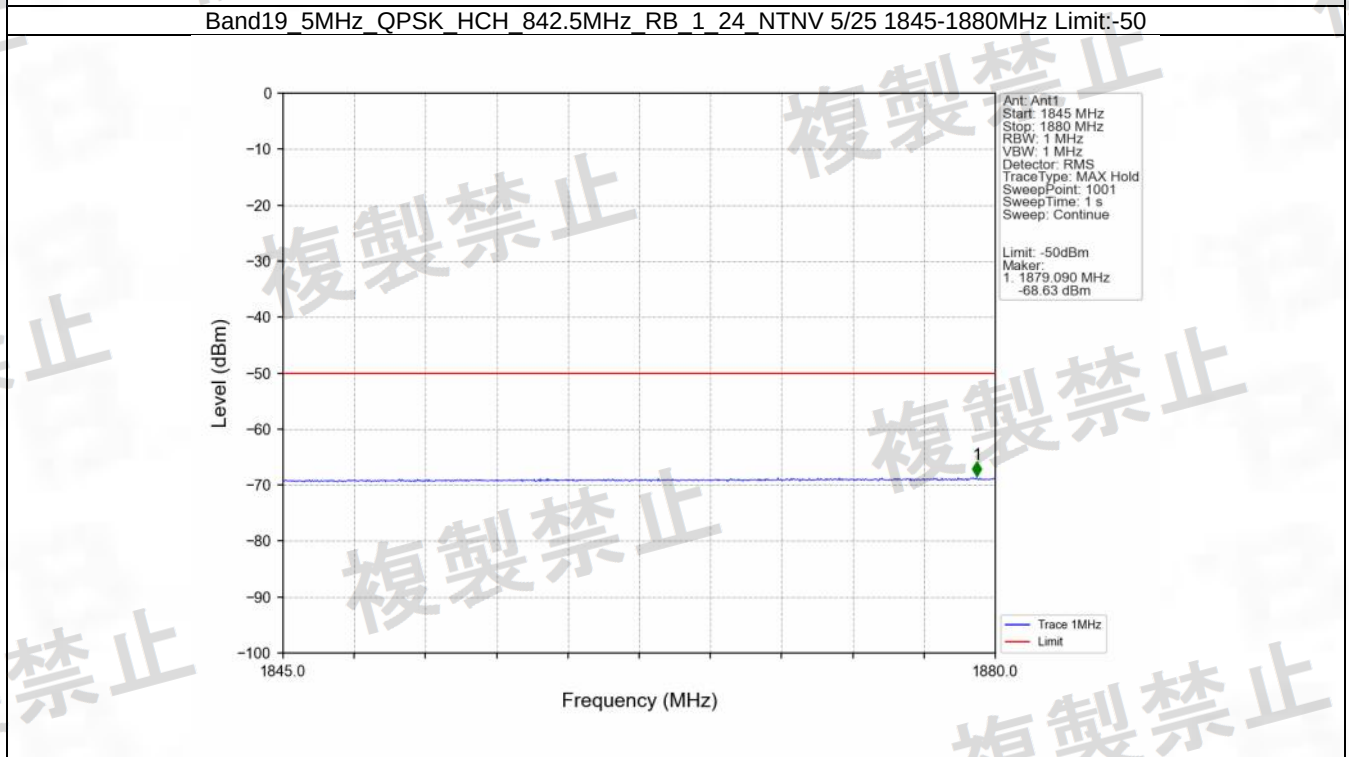
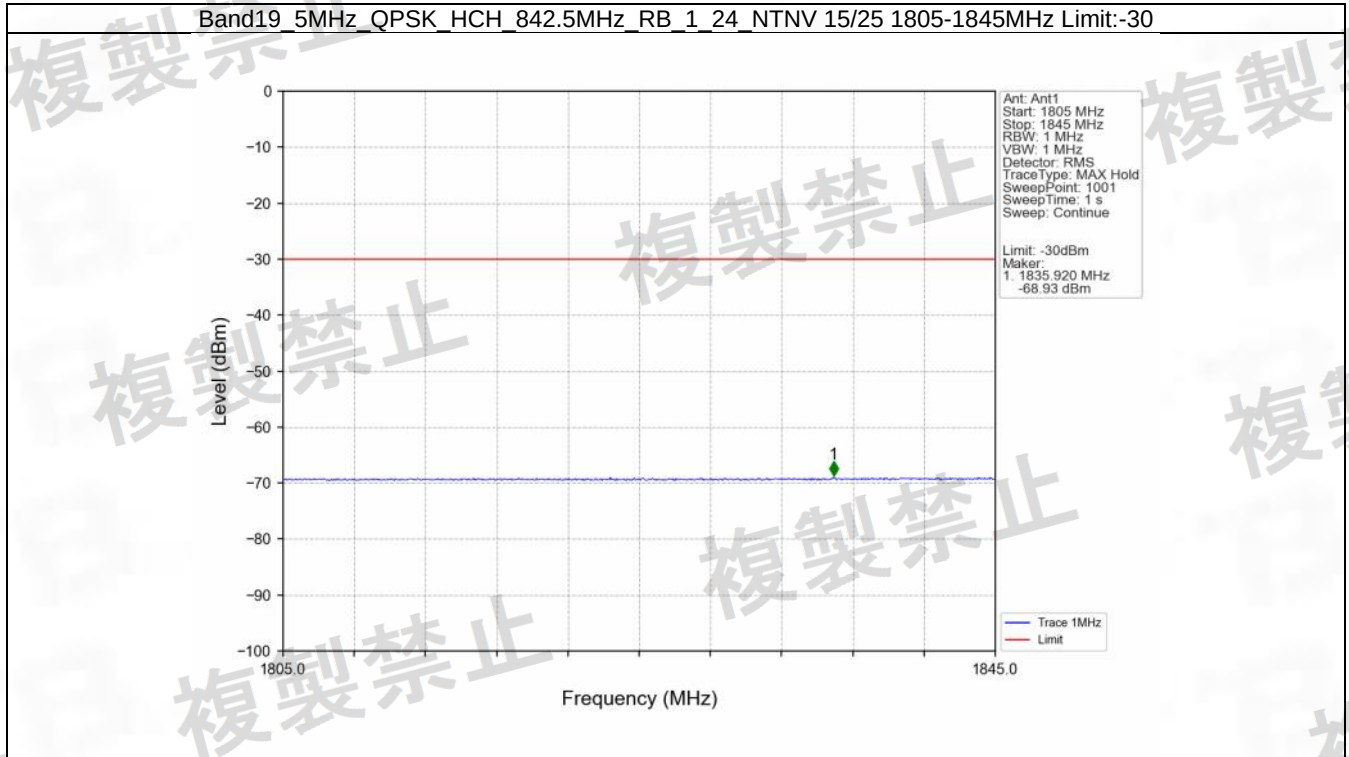


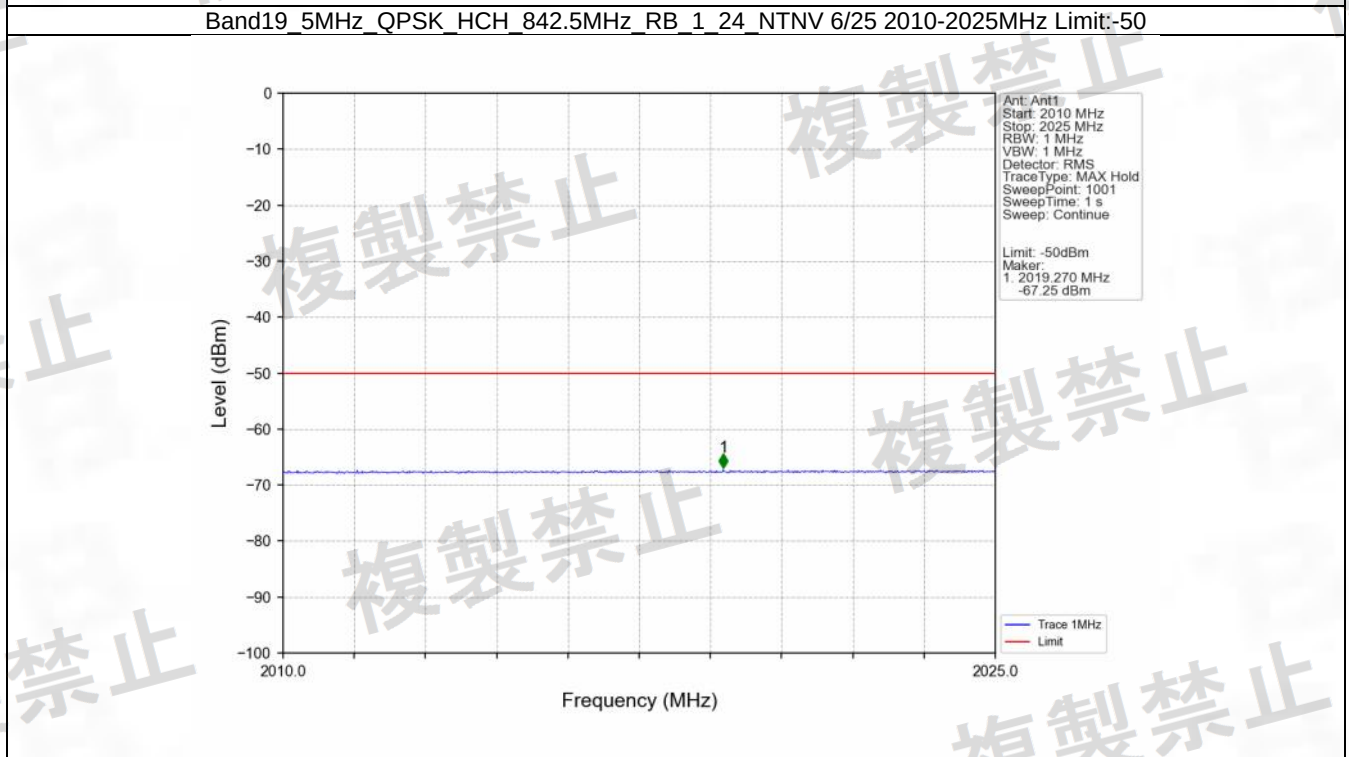
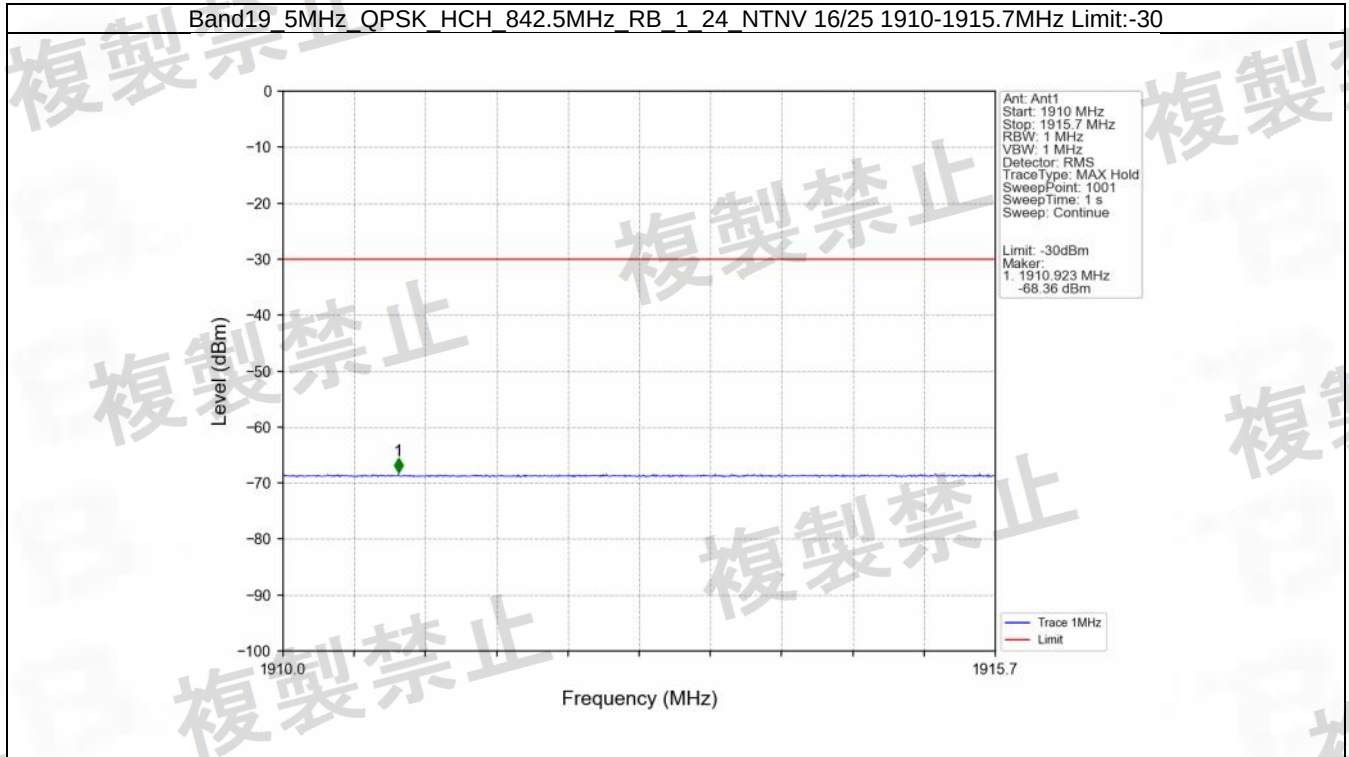
Band19 5MHz QPSK HCH 842.5MHz RB 1 24 NTNV 13/25 1475.9-1496.7MHz Limit:-50

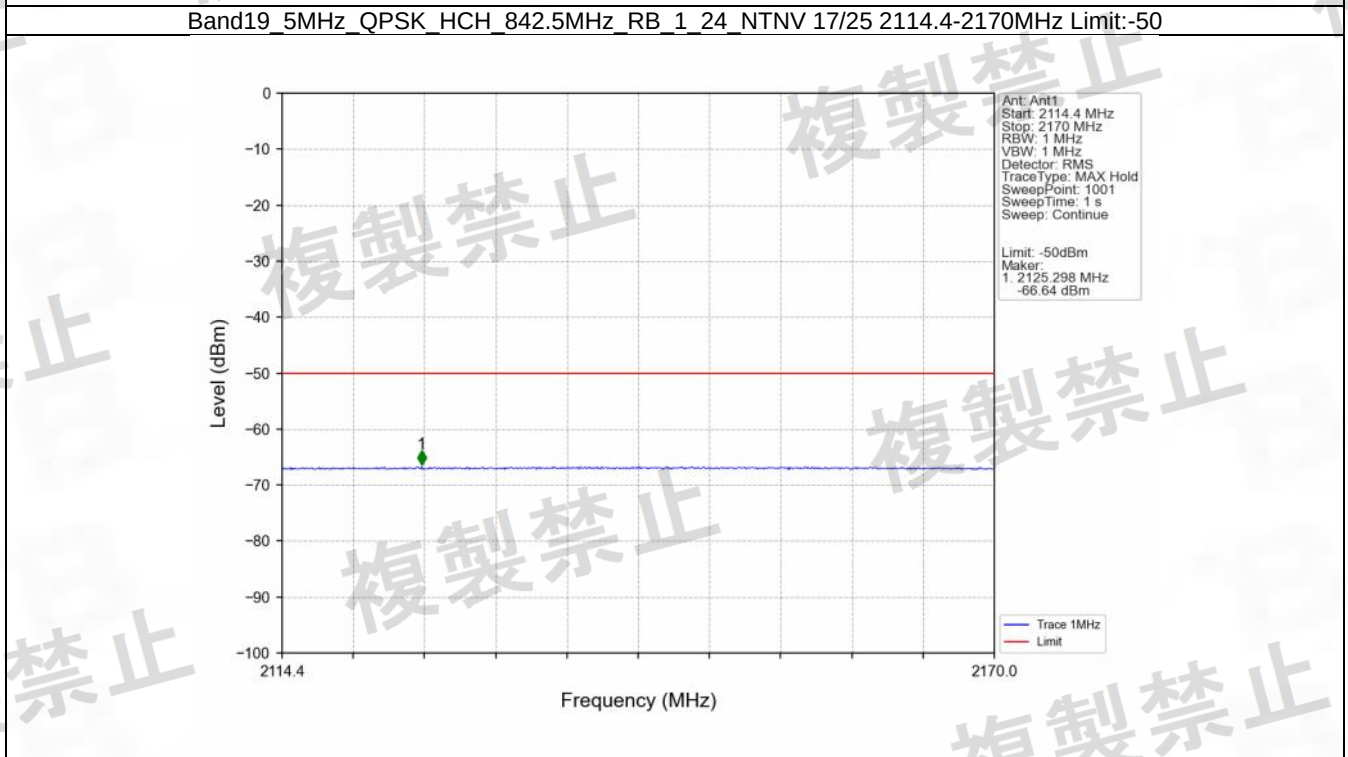
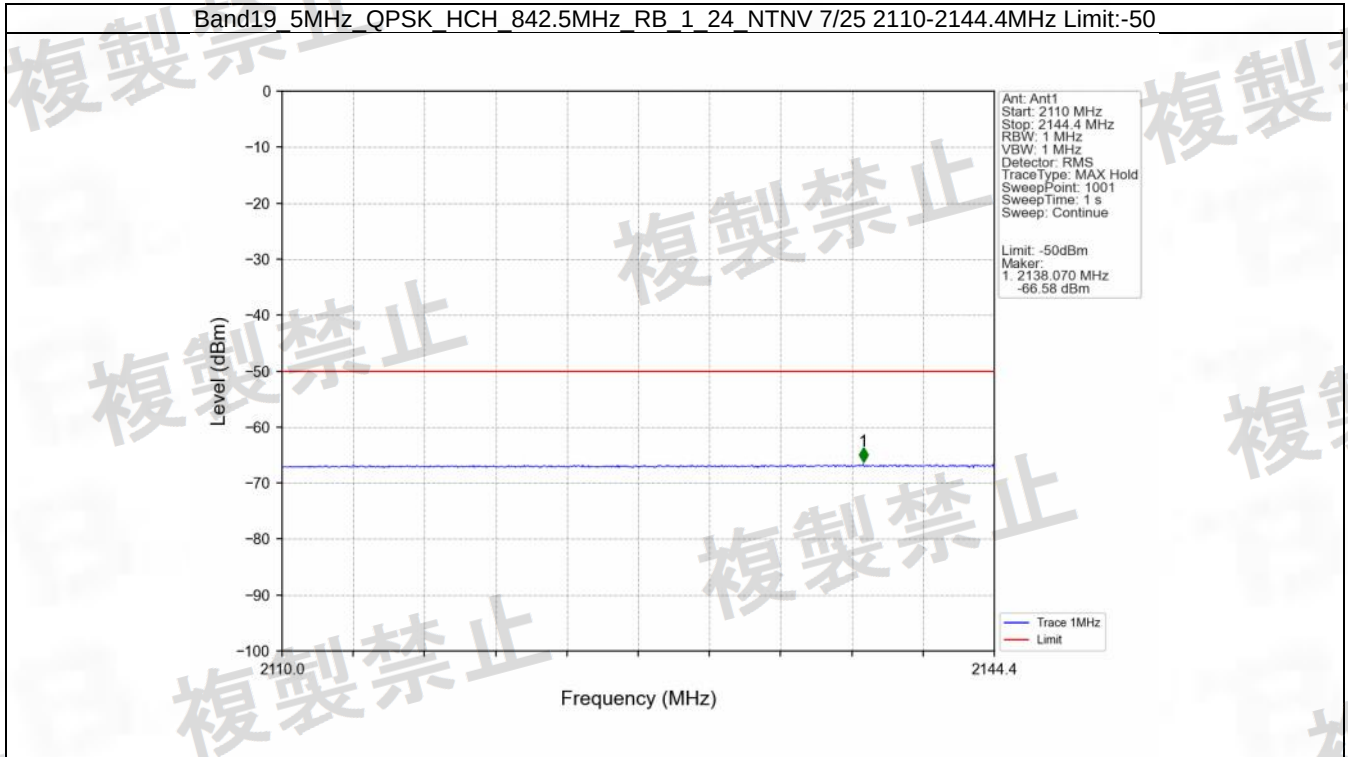


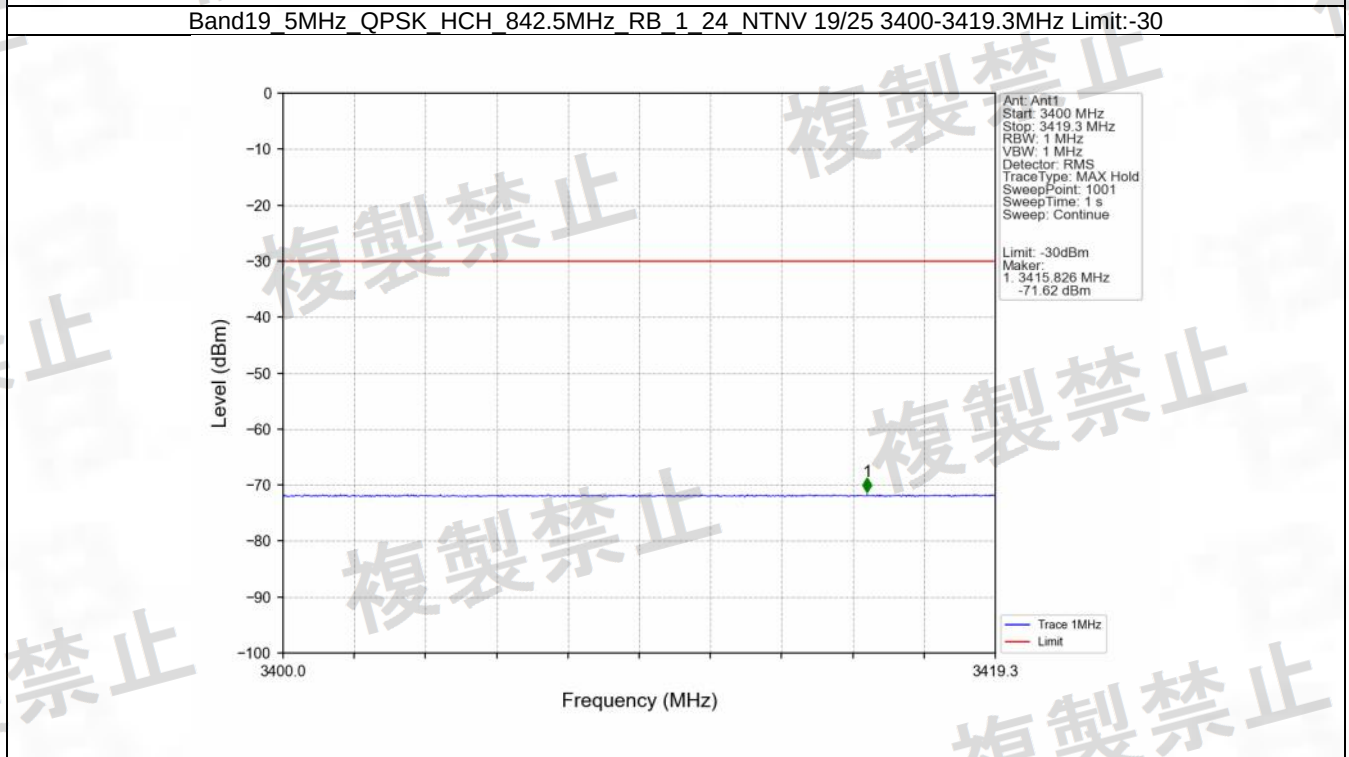
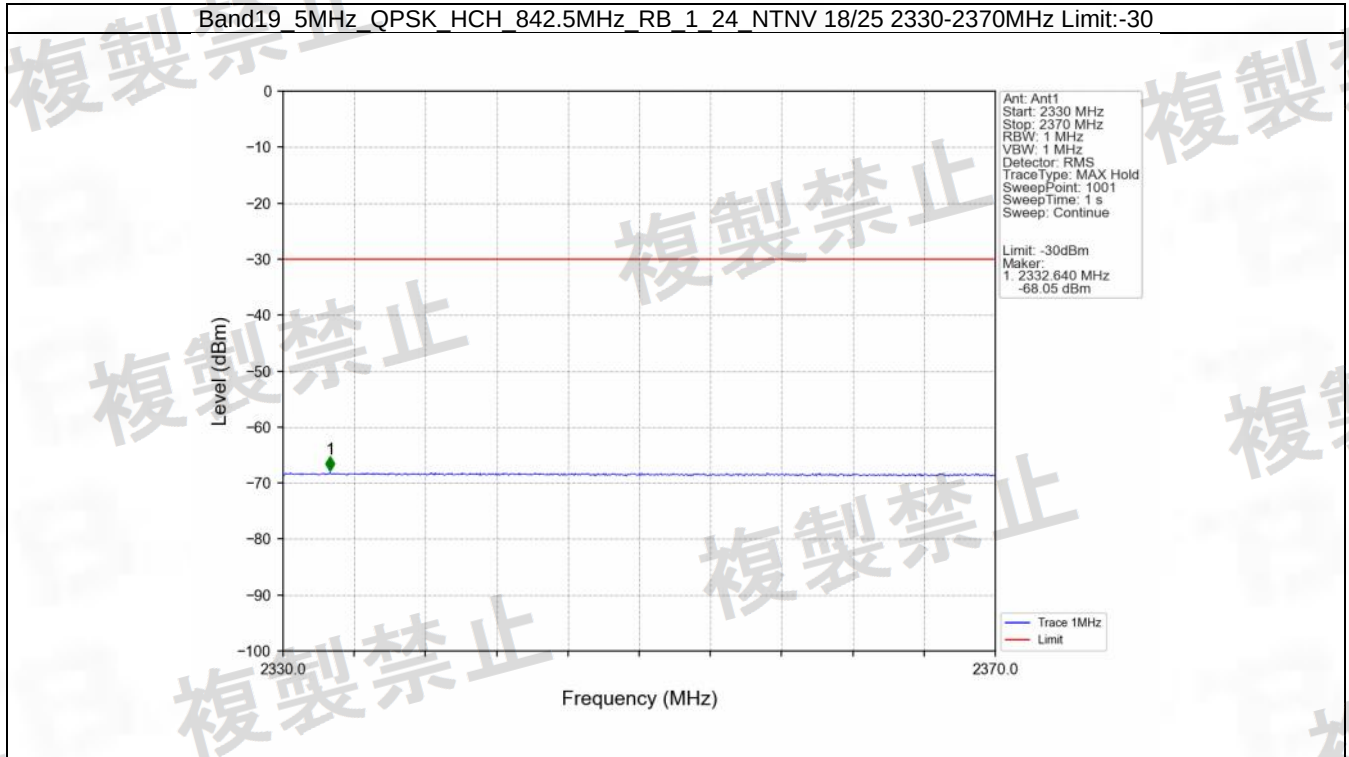
Band19 5MHz QPSK HCH 842.5MHz RB 1 24 NTNV 14/25 1496.7-1510.9MHz Limit:-50

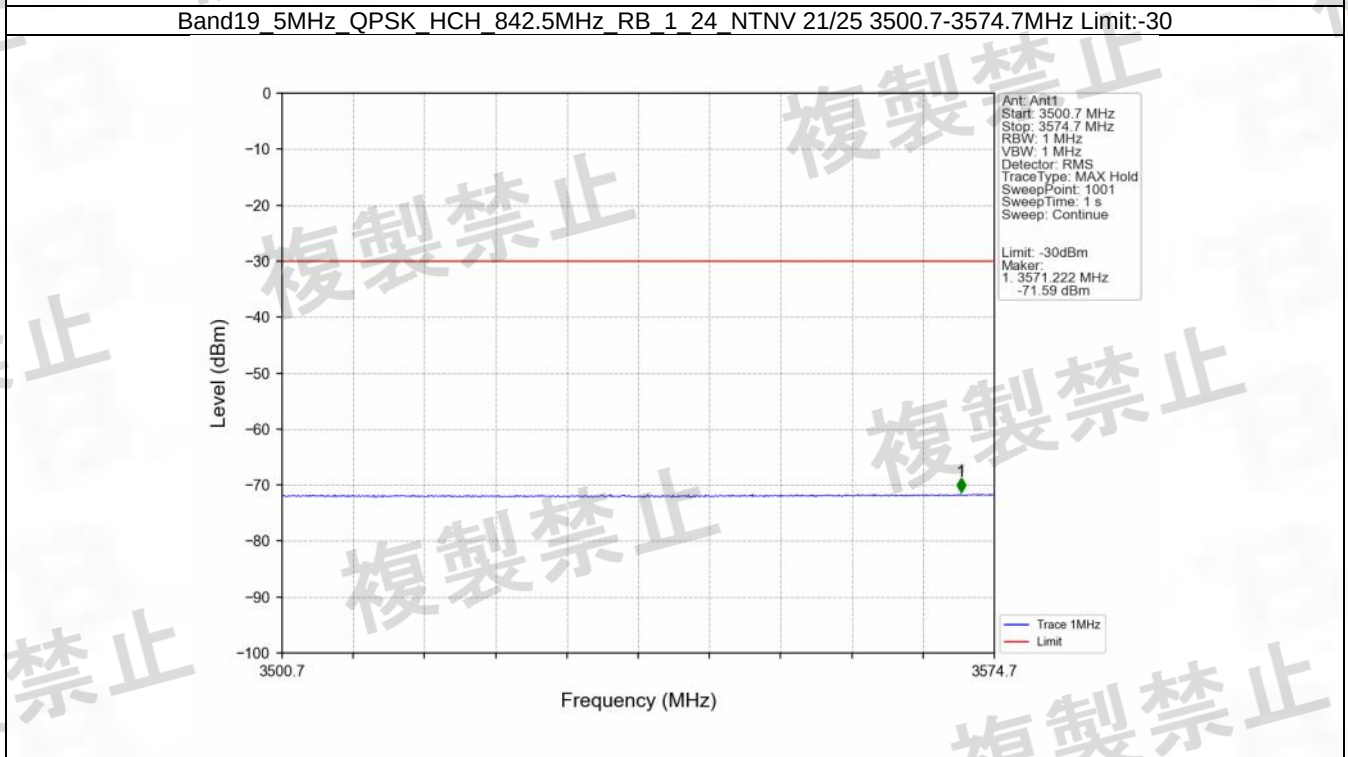
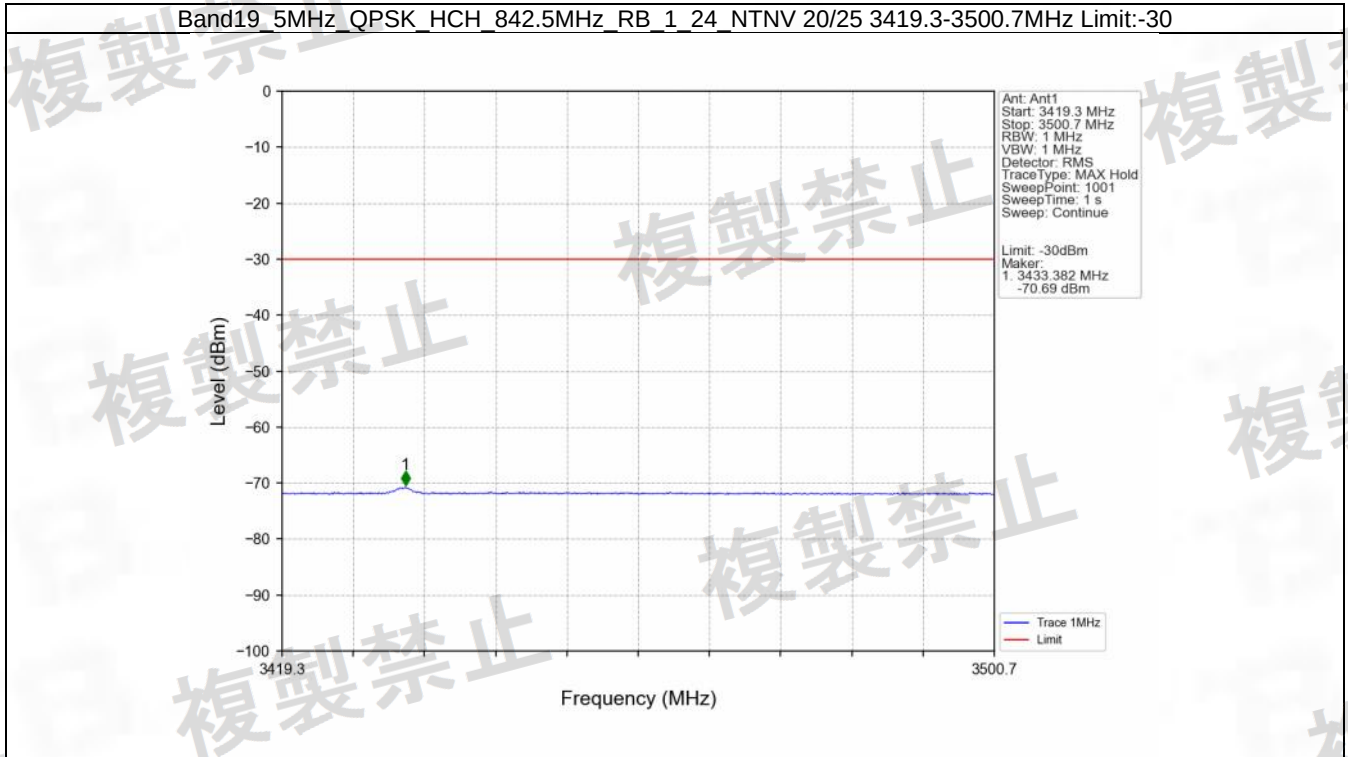


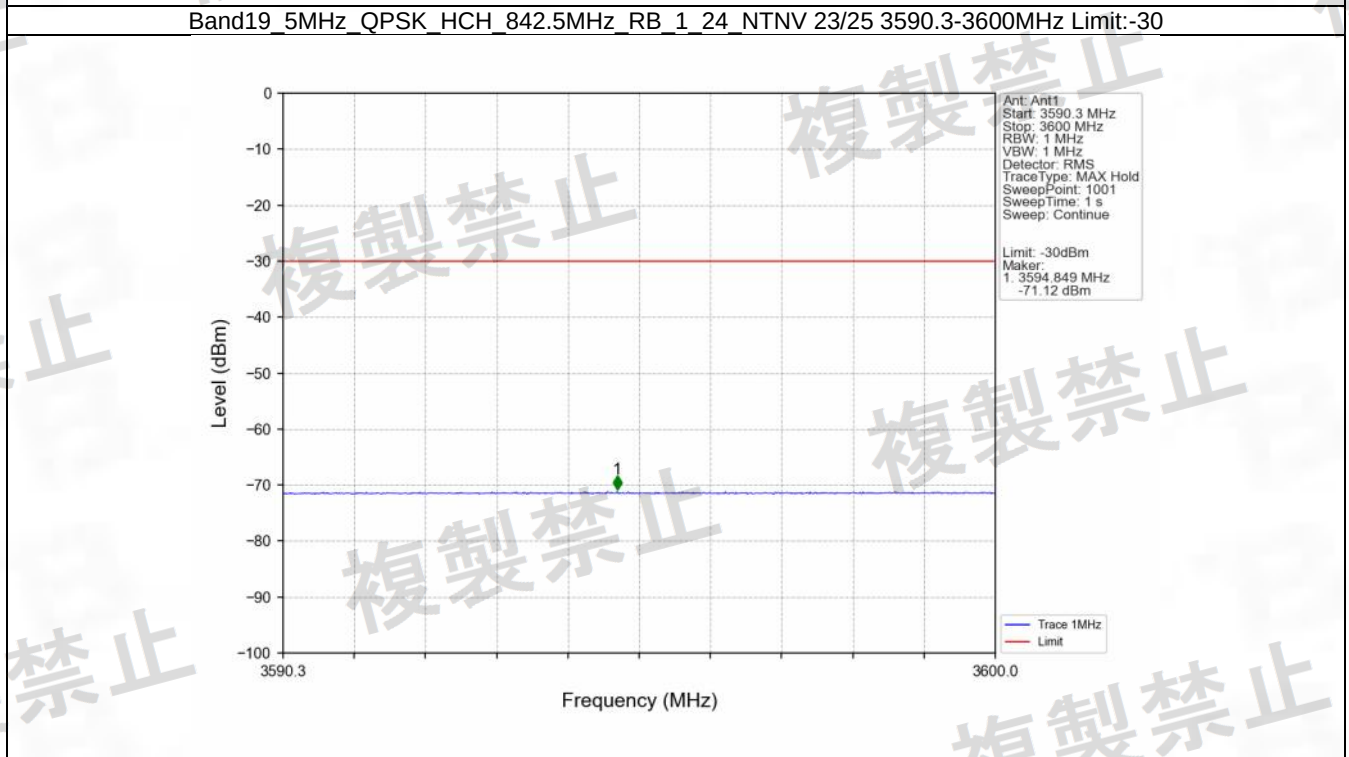
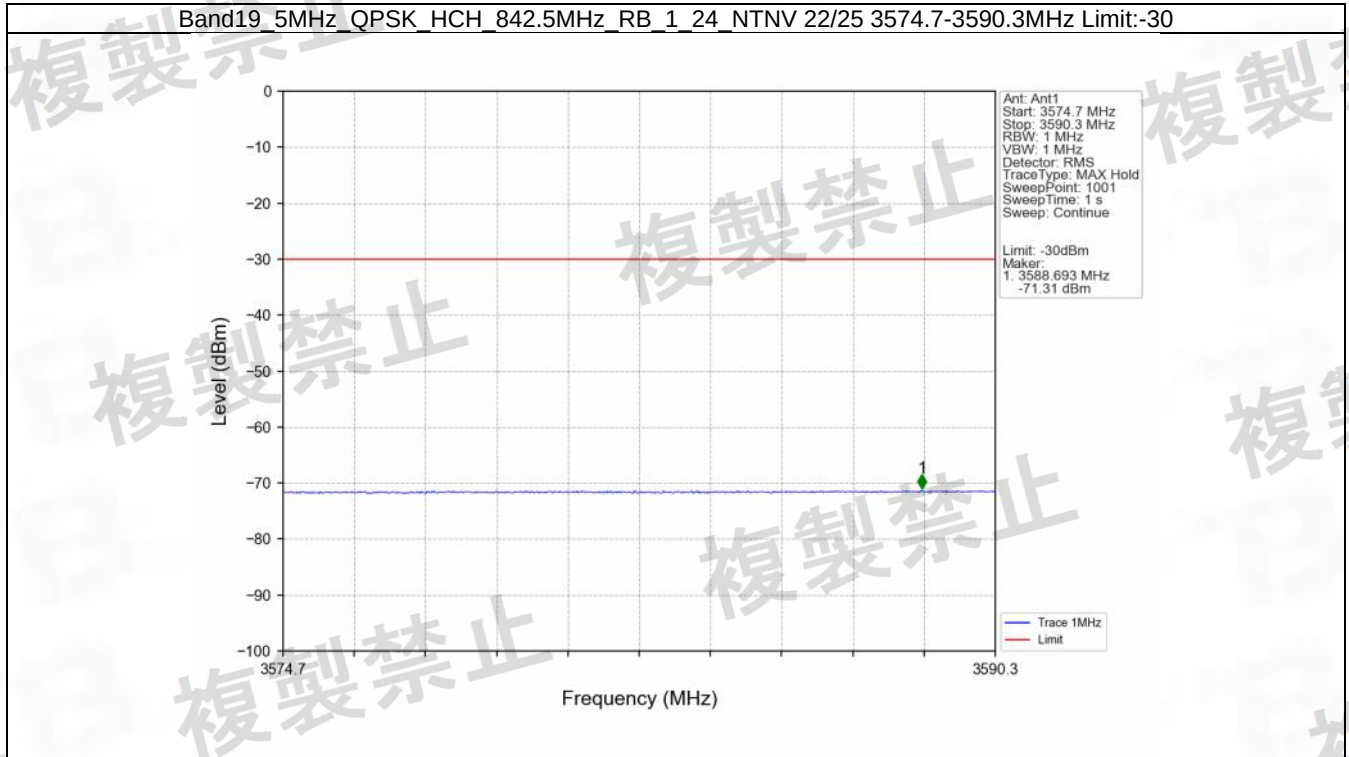




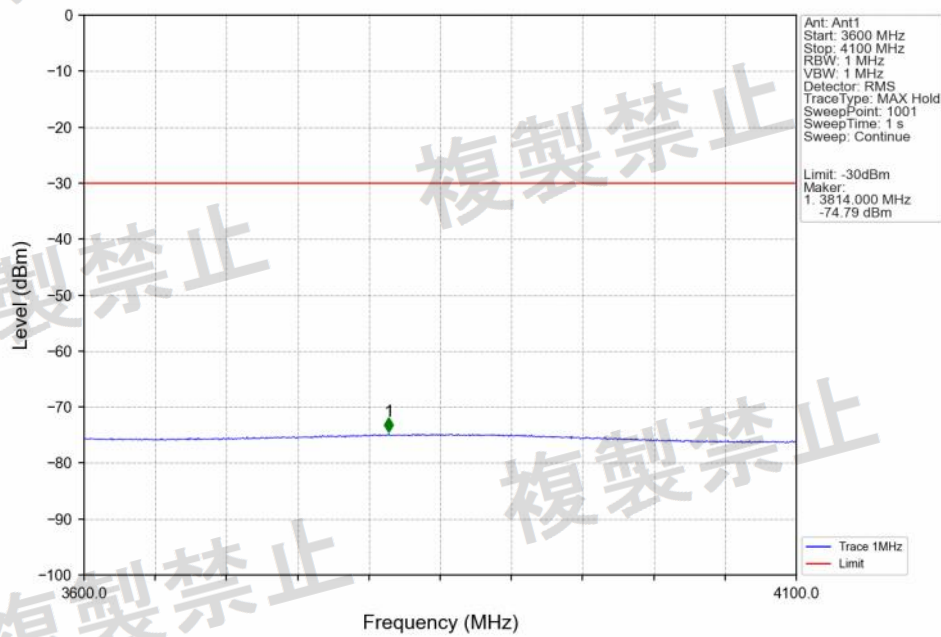




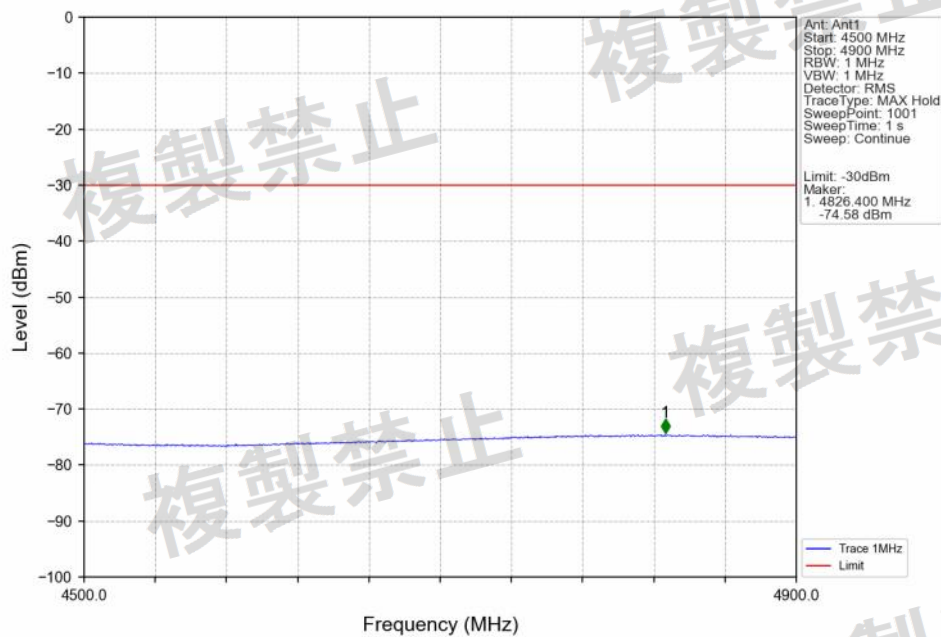


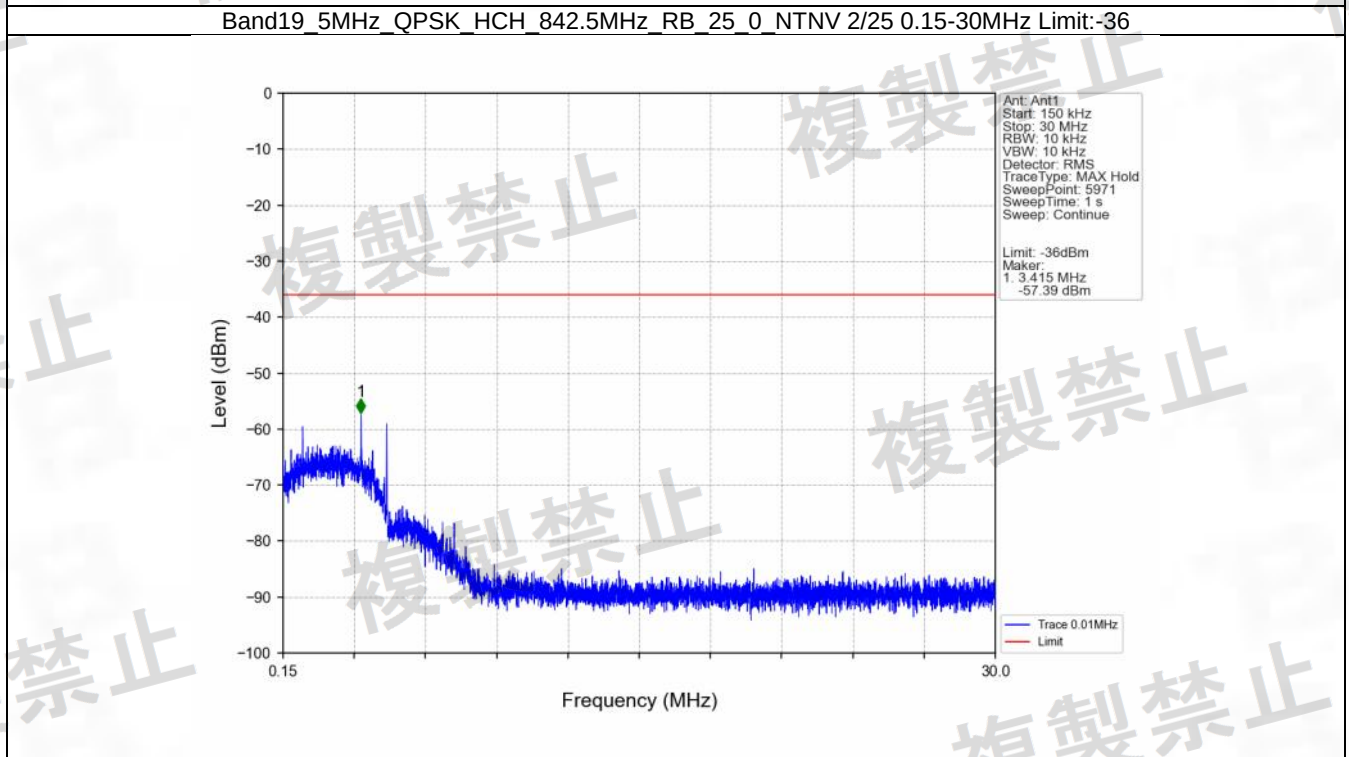
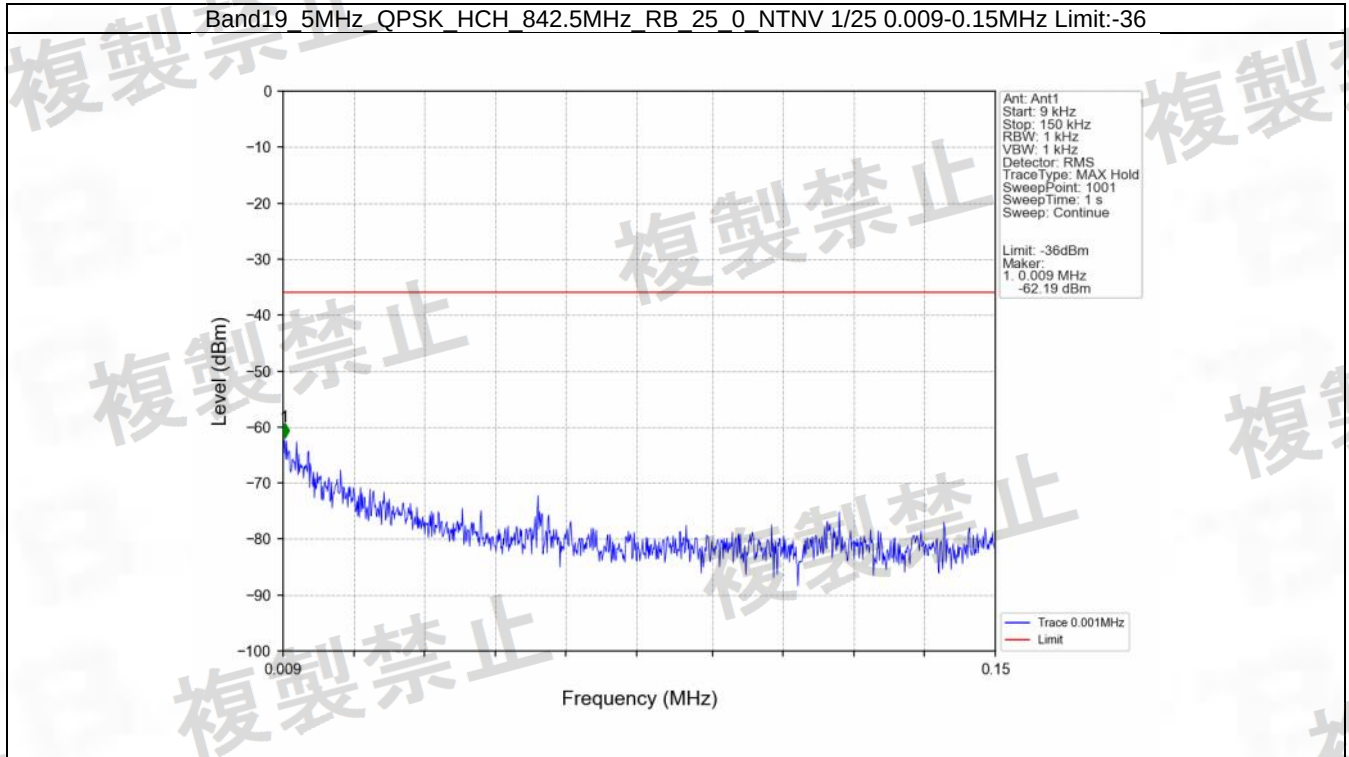


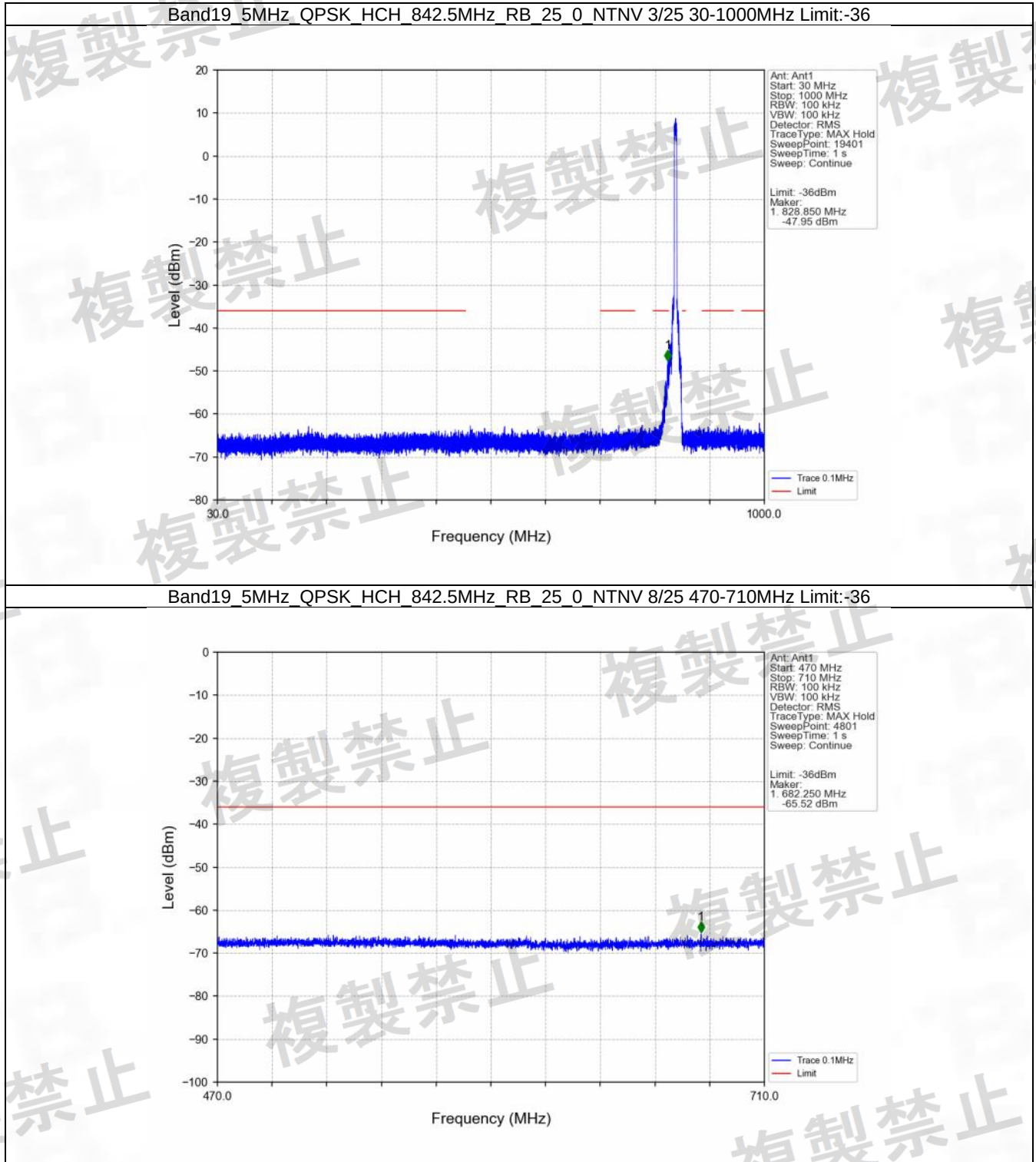
Band19 5MHz QPSK HCH 842.5MHz RB 1 24 NTNV 24/25 3600-4100MHz Limit:-30



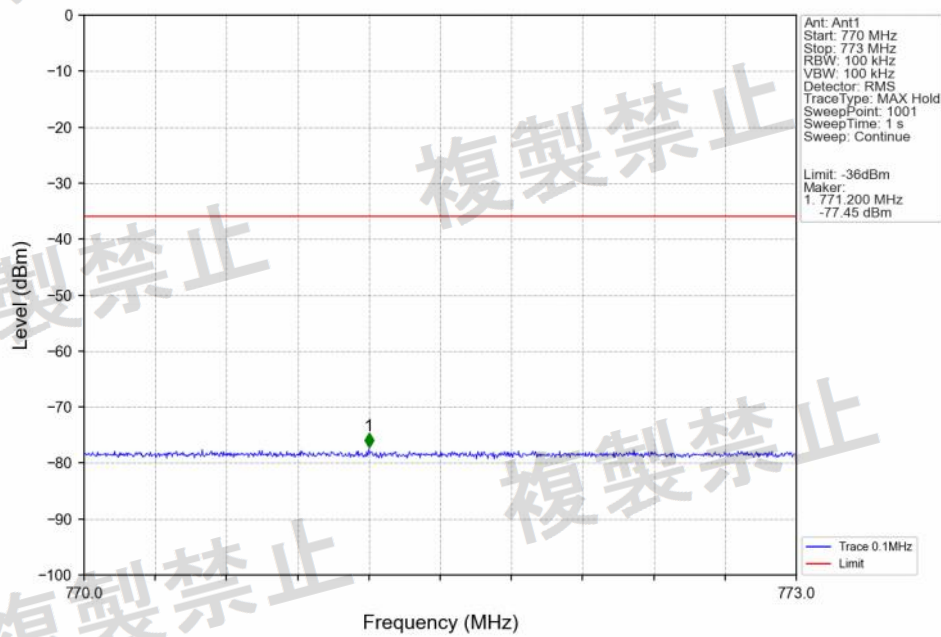
Band19 5MHz QPSK HCH 842.5MHz RB 1 24 NTNV 25/25 4500-4900MHz Limit:-30







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



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

