

Appendix Test Data

Report No.:	1812C50010112501	Test Sample No.:	1-2-2
Start Test Date:	2025.01.14	Finish Test Date:	2025.03.24
Test Engineer:	Aless Peng	Auditor:	Justin Feng
Temperature:	23.6°C	Relative Humidity:	42%
Pressure:	101kPa		

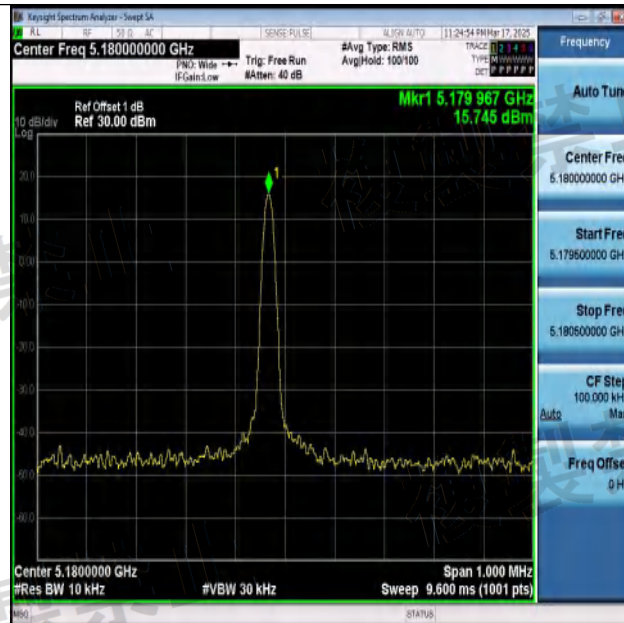
Appendix A: Frequency Error

Test Result

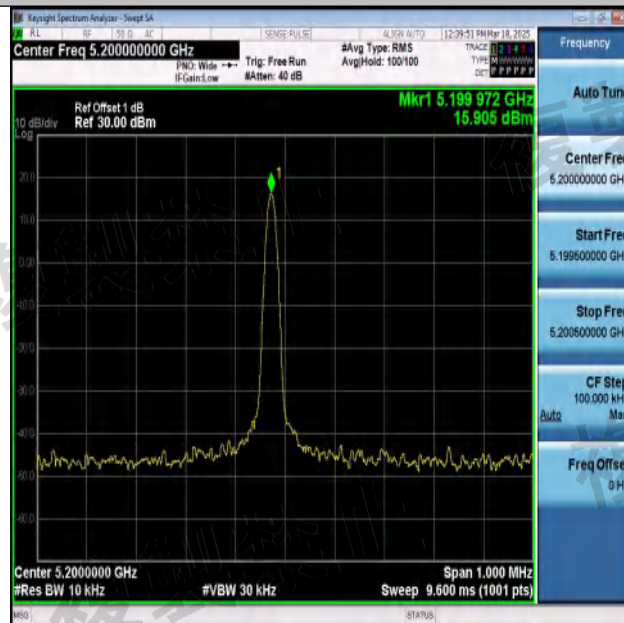
Test Condition	Test Mode	Antenna	Frequen cy[MHz]	Center Freq. [MHz]	Result [ppm]	Limit [ppm]	Verdict
NTNV	CW	Ant1	5180	5179.967	-6.37066	±20	PASS
NTNV	CW	Ant1	5200	5199.972	-5.38462	±20	PASS
NTNV	CW	Ant1	5240	5239.965	-6.67939	±20	PASS
NTNV	CW	Ant1	5500	5499.962	-6.90909	±20	PASS
NTNV	CW	Ant1	5600	5599.962	-6.78571	±20	PASS
NTNV	CW	Ant1	5700	5699.961	-6.84211	±20	PASS

Note: Result[ppm]= (Center Freq[MHz] -Freq.[MHz])/Freq.[MHz]*1000000

Test Graphs

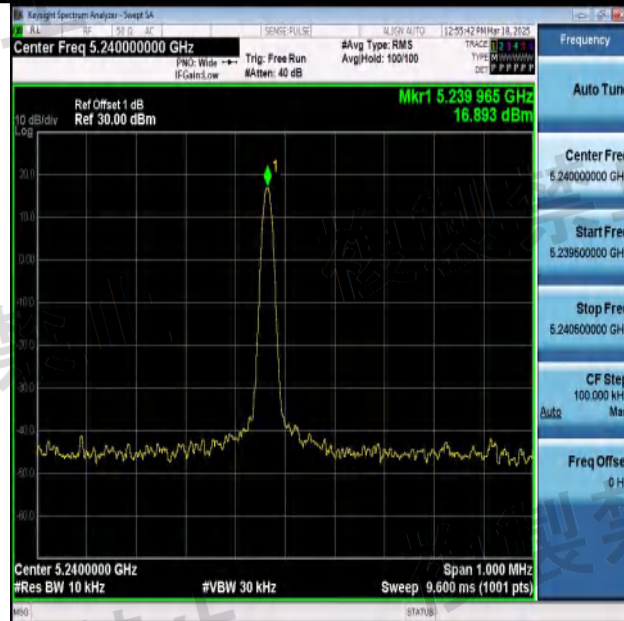


NTVN-11A-Ant1-5180-PASS

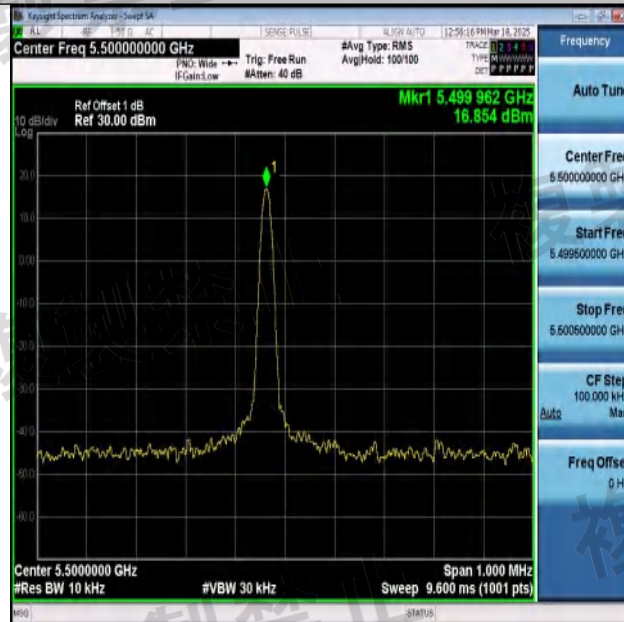


NTVN-11A-Ant1-5200-PASS

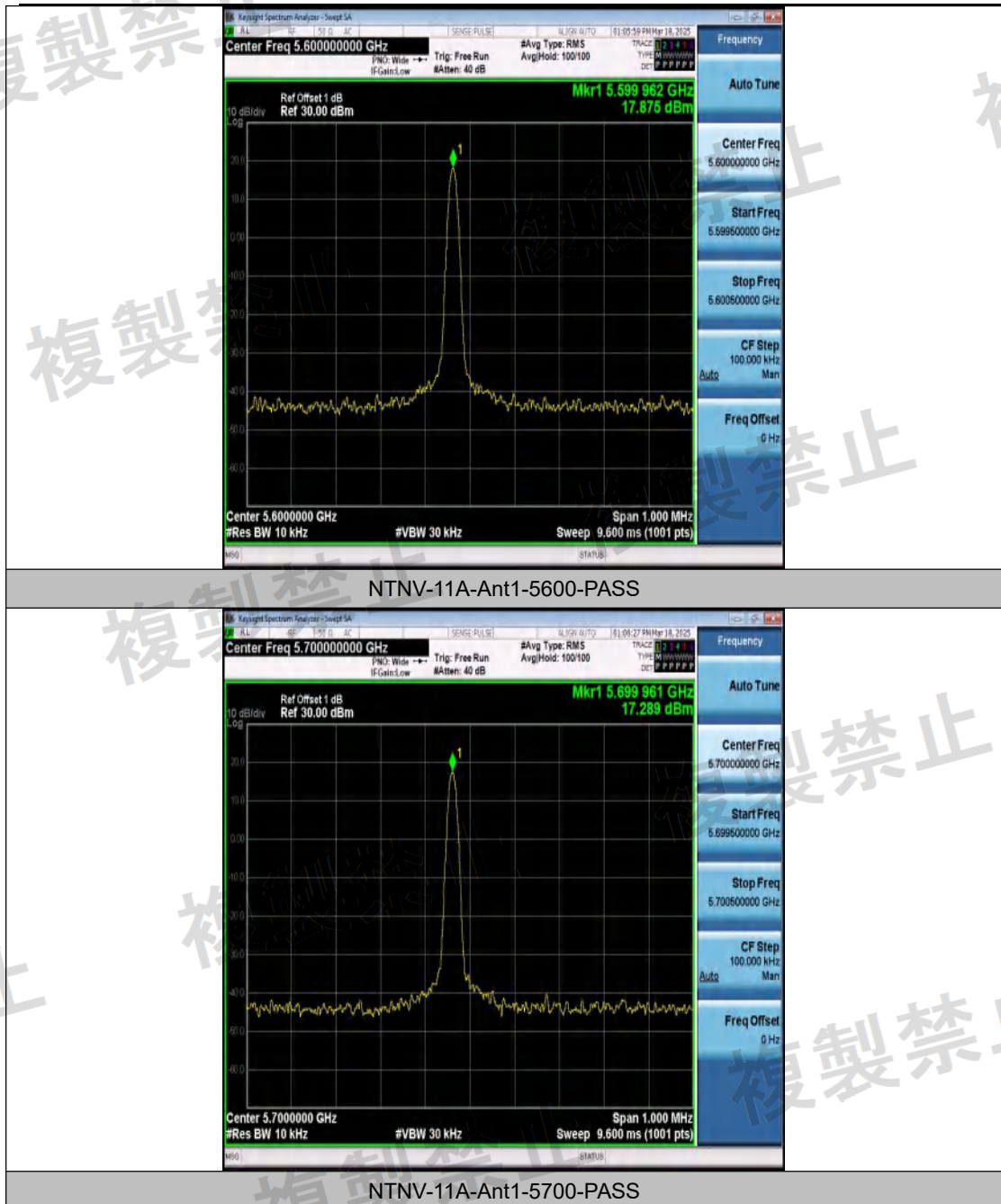




NTNV-11A-Ant1-5240-PASS



NTNV-11A-Ant1-5500-PASS



Appendix B: Antenna Power

Test Result

Test Condition	Test Mode	Antenna	Frequency [MHz]	Duty Cycle Factor [dB]	Result [dBm/MHz]	Final Result [dBm/MHz]	Result [mW/MHz]	Limit [mW/MHz]	Verdict
NTNV	11A	Ant1	5180	0.91	0.45	1.36	1.3677	≤10	PASS
NTNV	11A	Ant1	5200	0.91	0.50	1.41	1.3836	≤10	PASS
NTNV	11A	Ant1	5240	0.91	1.40	2.31	1.7022	≤10	PASS
NTNV	11A	Ant1	5500	0.91	0.68	1.59	1.4421	≤10	PASS
NTNV	11A	Ant1	5600	0.91	-0.39	0.52	1.1272	≤10	PASS
NTNV	11A	Ant1	5700	0.91	-0.33	0.58	1.1429	≤10	PASS
NTNV	11N20SI SO	Ant1	5180	0.35	-0.15	0.20	1.0471	≤10	PASS
NTNV	11N20SI SO	Ant1	5200	0.35	-0.51	-0.16	0.9638	≤10	PASS
NTNV	11N20SI SO	Ant1	5240	0.35	0.74	1.09	1.2853	≤10	PASS
NTNV	11N20SI SO	Ant1	5500	0.35	-1.29	-0.94	0.8054	≤10	PASS
NTNV	11N20SI SO	Ant1	5600	0.35	-2.85	-2.50	0.5623	≤10	PASS
NTNV	11N20SI SO	Ant1	5700	0.35	-1.48	-1.13	0.7709	≤10	PASS

Note: 1. Final Result [dBm/MHz]= Duty Cycle Factor[dB]+Result [dBm/MHz]

2. Result [mW/MHz]=10log(Final Result [dBm/MHz])

Test Condition	Test Mode	Antenna	Frequency [MHz]	Power [mW/MHz]	Rated Power [mW/MHz]	Result [%]	Limit [%]	Verdict
NTNV	11A	Ant1	5180	1.3677	2	-31.62	-80 to +20	PASS
NTNV	11A	Ant1	5200	1.3836	2	-30.82	-80 to +20	PASS
NTNV	11A	Ant1	5240	1.7022	2	-14.89	-80 to +20	PASS
NTNV	11A	Ant1	5500	1.4421	1.5	-3.86	-50 to +50	PASS
NTNV	11A	Ant1	5600	1.1272	1.5	-24.85	-50 to +50	PASS
NTNV	11A	Ant1	5700	1.1429	1.5	-23.81	-50 to +50	PASS

Shenzhen Anbotek Compliance Laboratory Limited

Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China

Tel: (86) 0755-26066440 Email: service@anbotek.com



Hotline
400-003-0500

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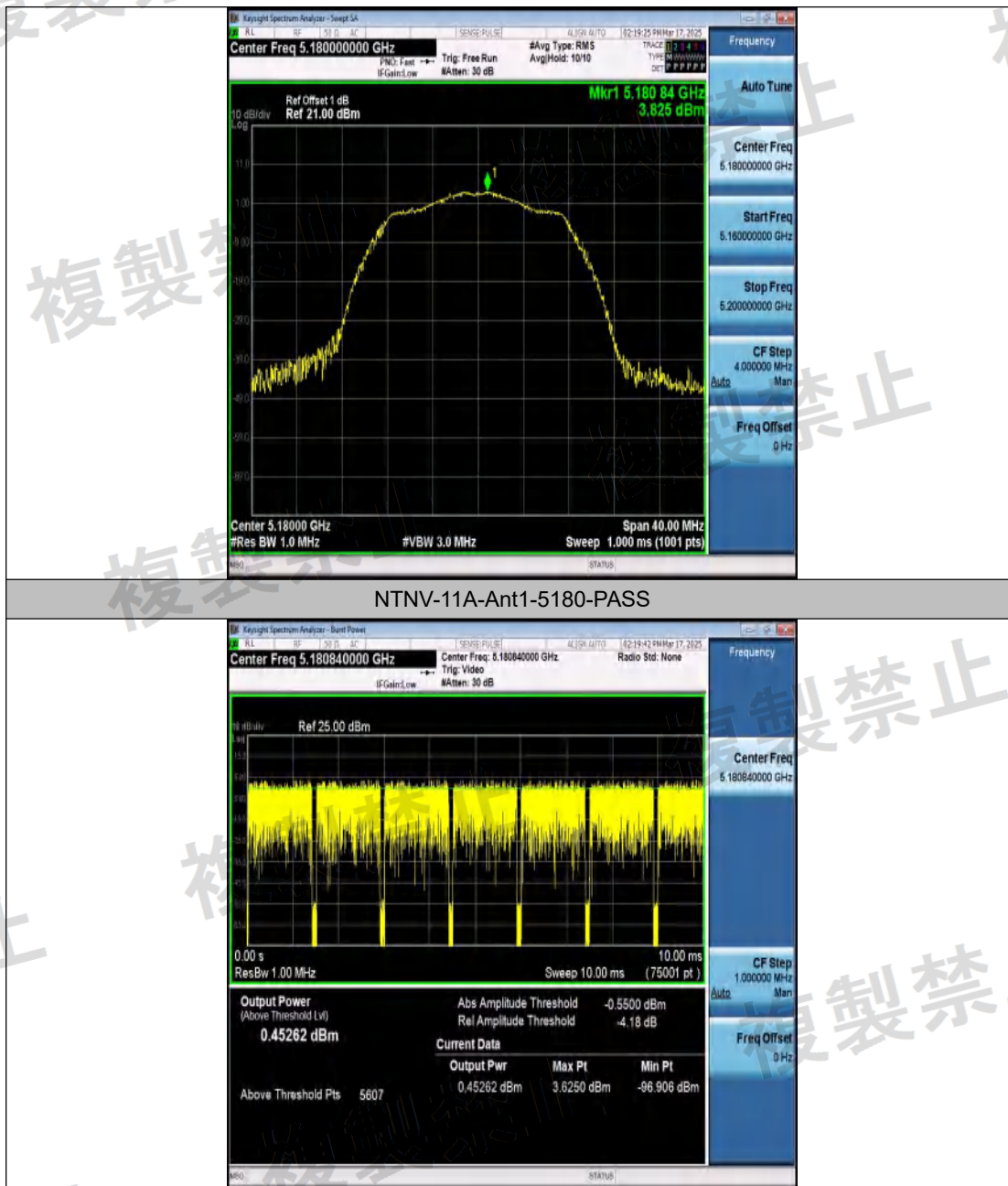
NTNV	11N20SI SO	Ant1	5180	1.0471	2	-47.65	-80 to +20	PASS
NTNV	11N20SI SO	Ant1	5200	0.9638	2	-51.81	-80 to +20	PASS
NTNV	11N20SI SO	Ant1	5240	1.2853	2	-35.74	-80 to +20	PASS
NTNV	11N20SI SO	Ant1	5500	0.8054	1	-19.6 %	-50 to +50	PASS
NTNV	11N20SI SO	Ant1	5600	0.5623	1	-43.77	-50 to +50	PASS
NTNV	11N20SI SO	Ant1	5700	0.7709	1	-22.91	-50 to +50	PASS

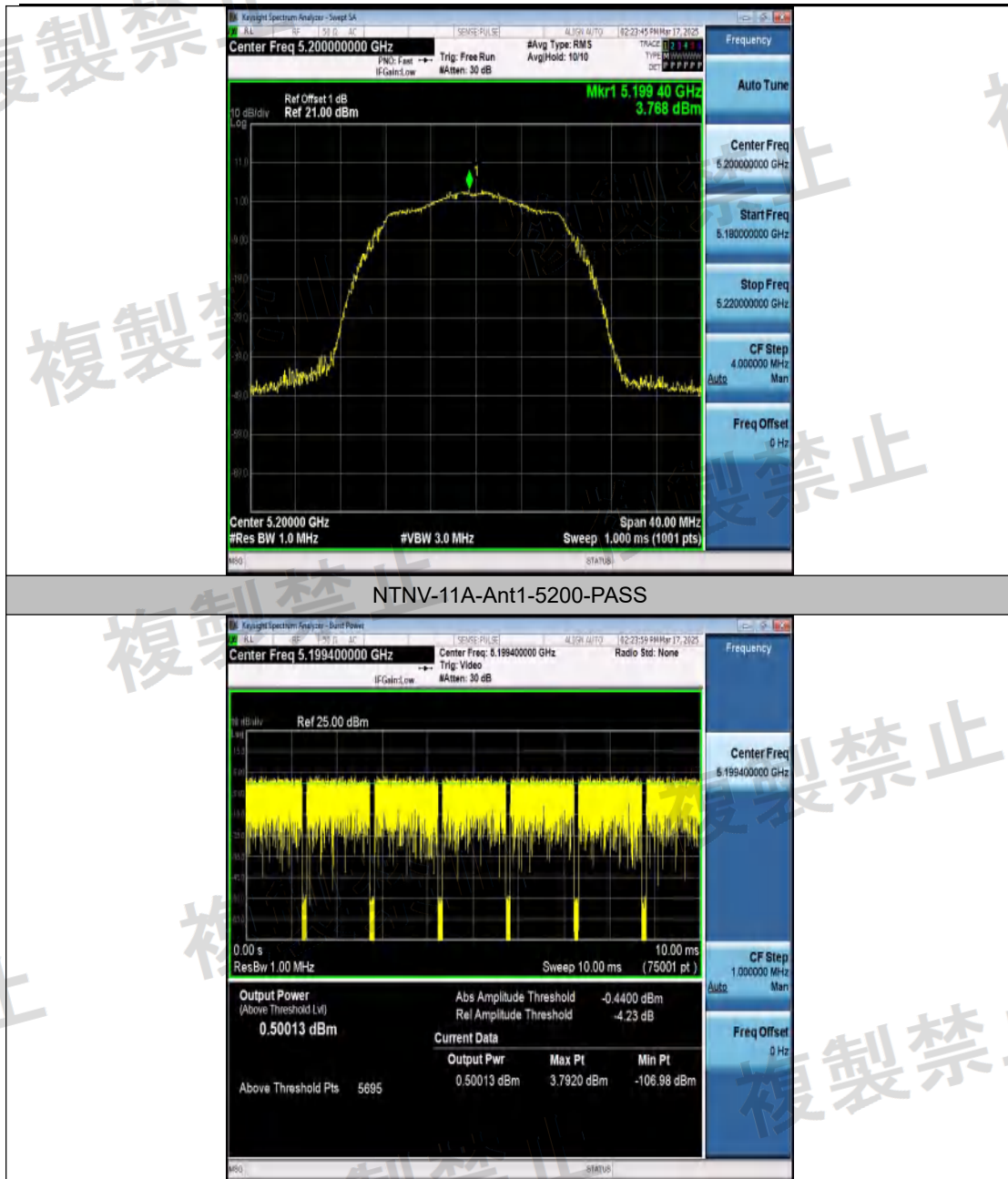
Test Condition	Test Mode	Antenna	Frequen cy[MHz]	Result [mW/MHz]	EIRP [mW/MHz]	Limit [mW/MHz]	Verdict
NTNV	11A	Ant1	5180	1.3677	2.1527	≤10	PASS
NTNV	11A	Ant1	5200	1.3836	2.1778	≤10	PASS
NTNV	11A	Ant1	5240	1.7022	2.6792	≤10	PASS
NTNV	11A	Ant1	5500	1.4421	2.2856	≤25	PASS
NTNV	11A	Ant1	5600	1.1272	1.7865	≤25	PASS
NTNV	11A	Ant1	5700	1.1429	1.8114	≤25	PASS
NTNV	11N20SI SO	Ant1	5180	1.0471	1.6481	≤10	PASS
NTNV	11N20SI SO	Ant1	5200	0.9638	1.5170	≤10	PASS
NTNV	11N20SI SO	Ant1	5240	1.2853	2.0230	≤10	PASS
NTNV	11N20SI SO	Ant1	5500	0.8054	1.2765	≤25	PASS
NTNV	11N20SI SO	Ant1	5600	0.5623	0.8912	≤25	PASS
NTNV	11N20SI SO	Ant1	5700	0.7709	1.2218	≤25	PASS

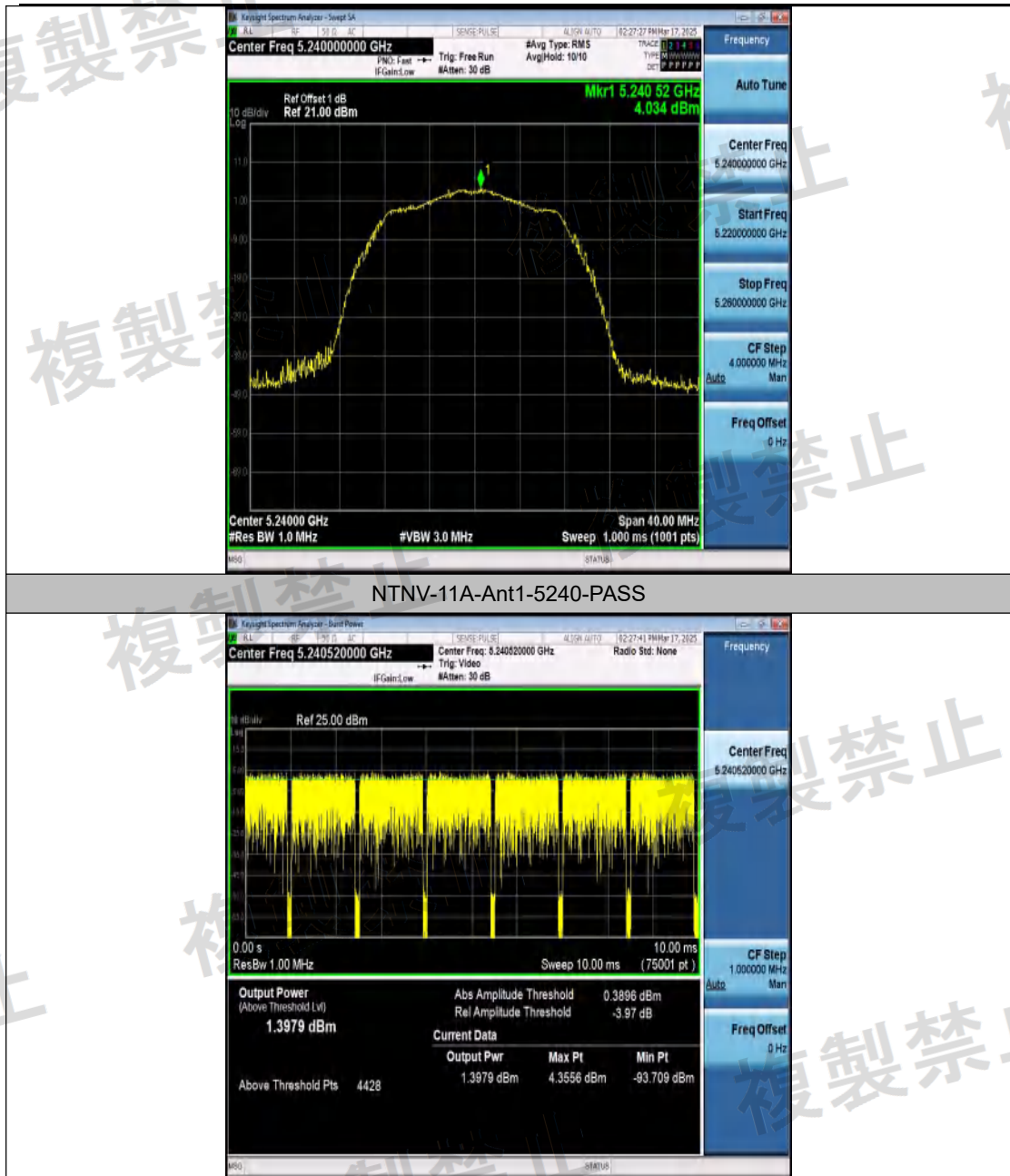
Note: Result(dBm/MHz)=10log(Power (mW/MHz))

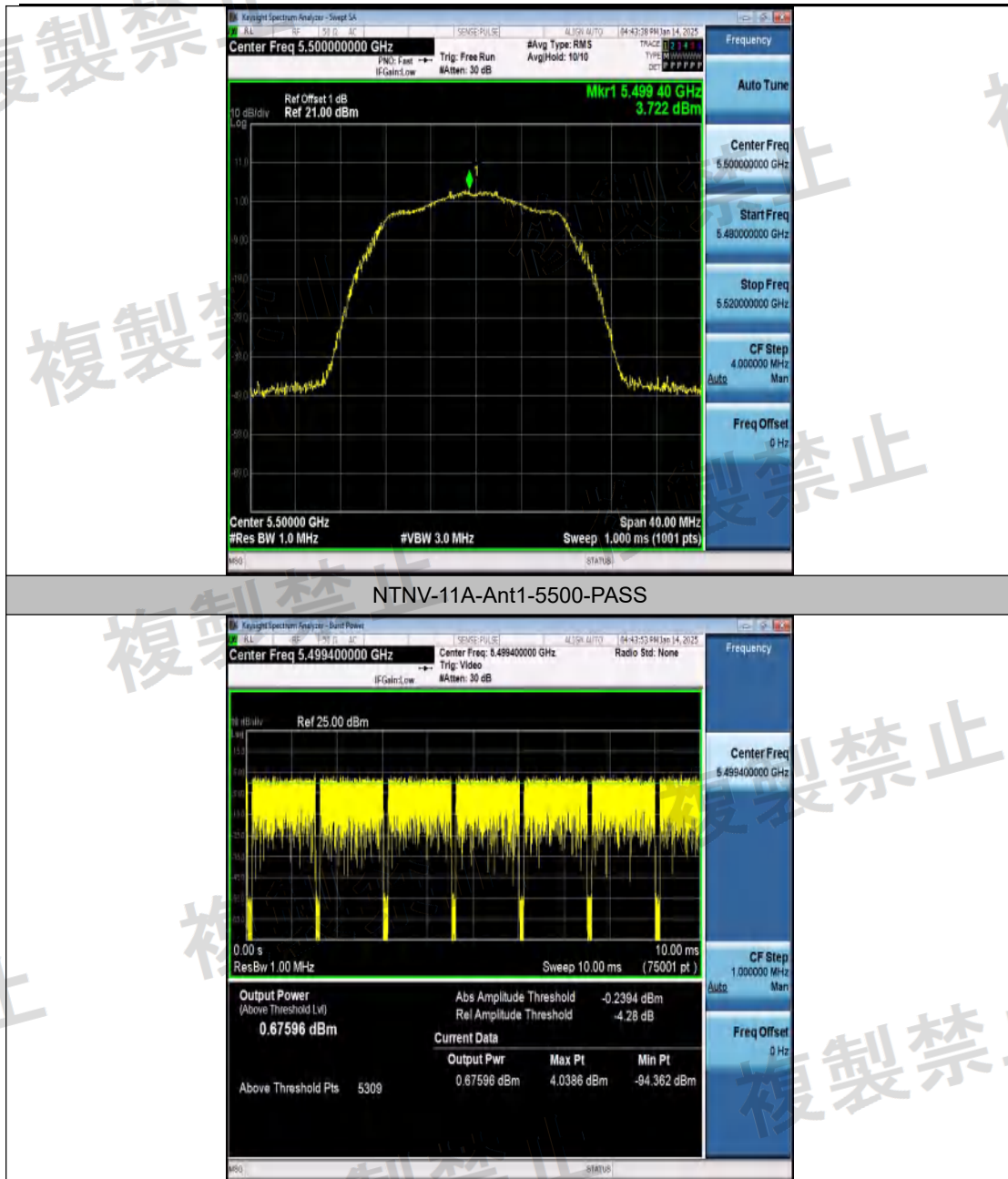


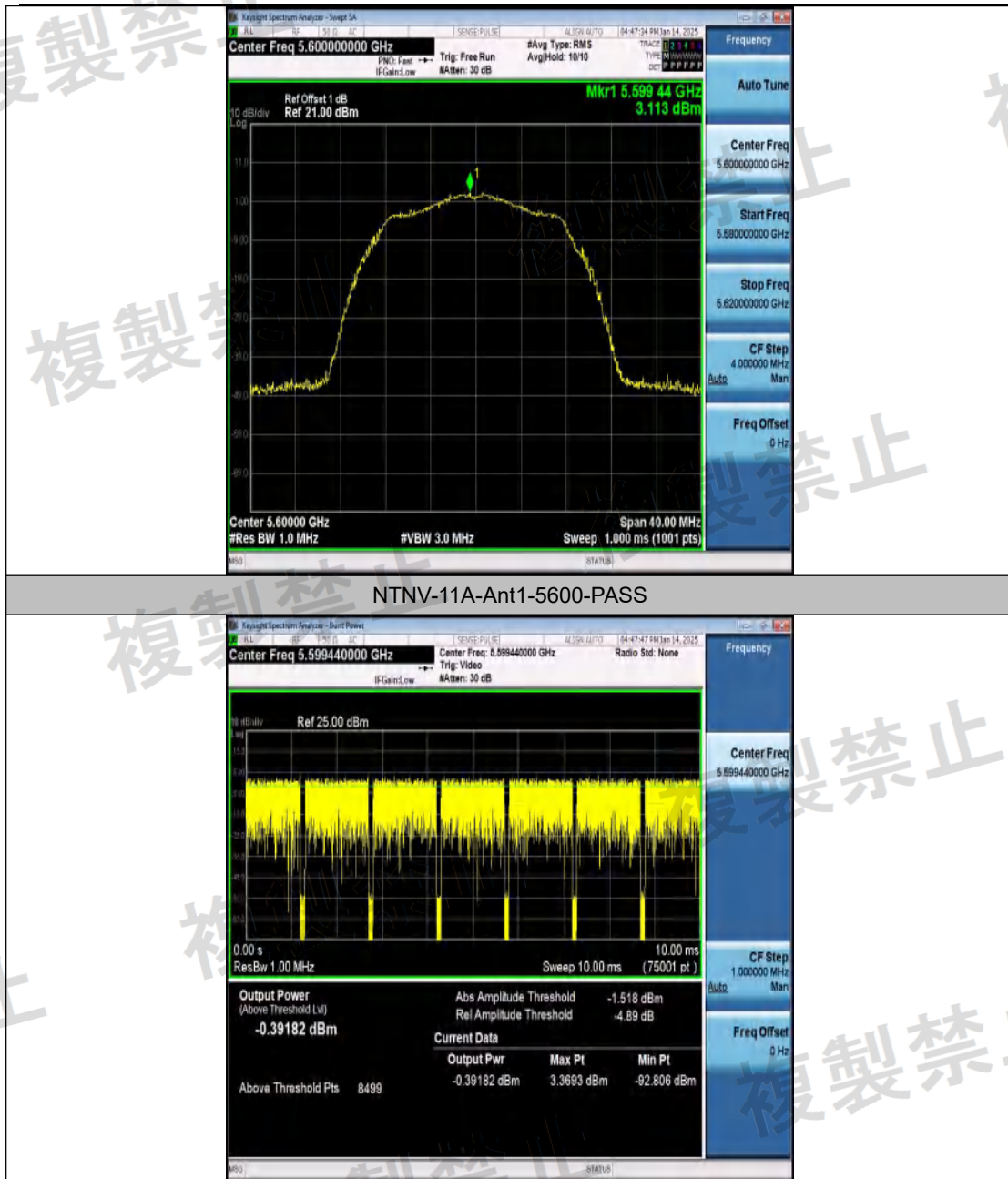
Test Graphs

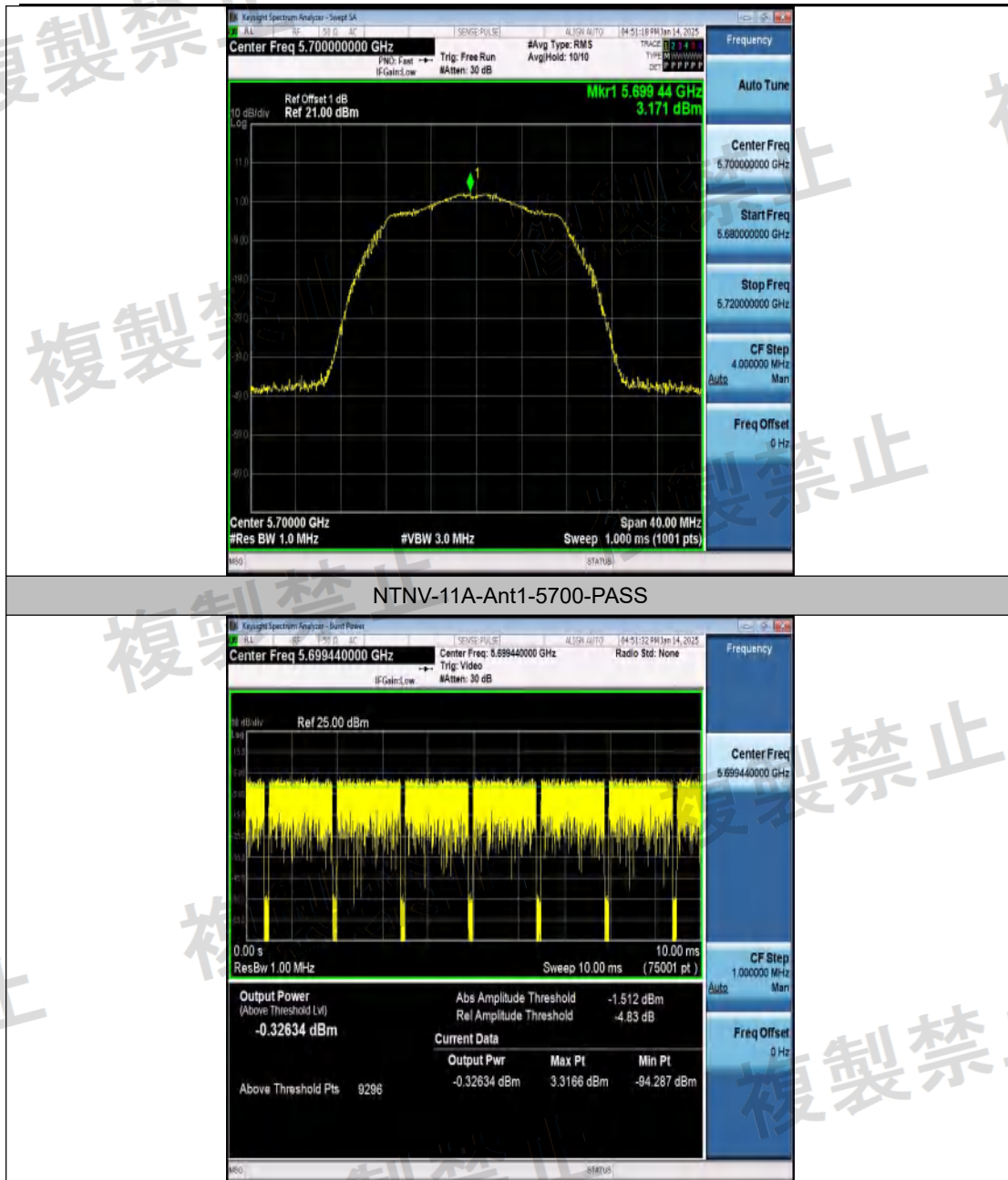


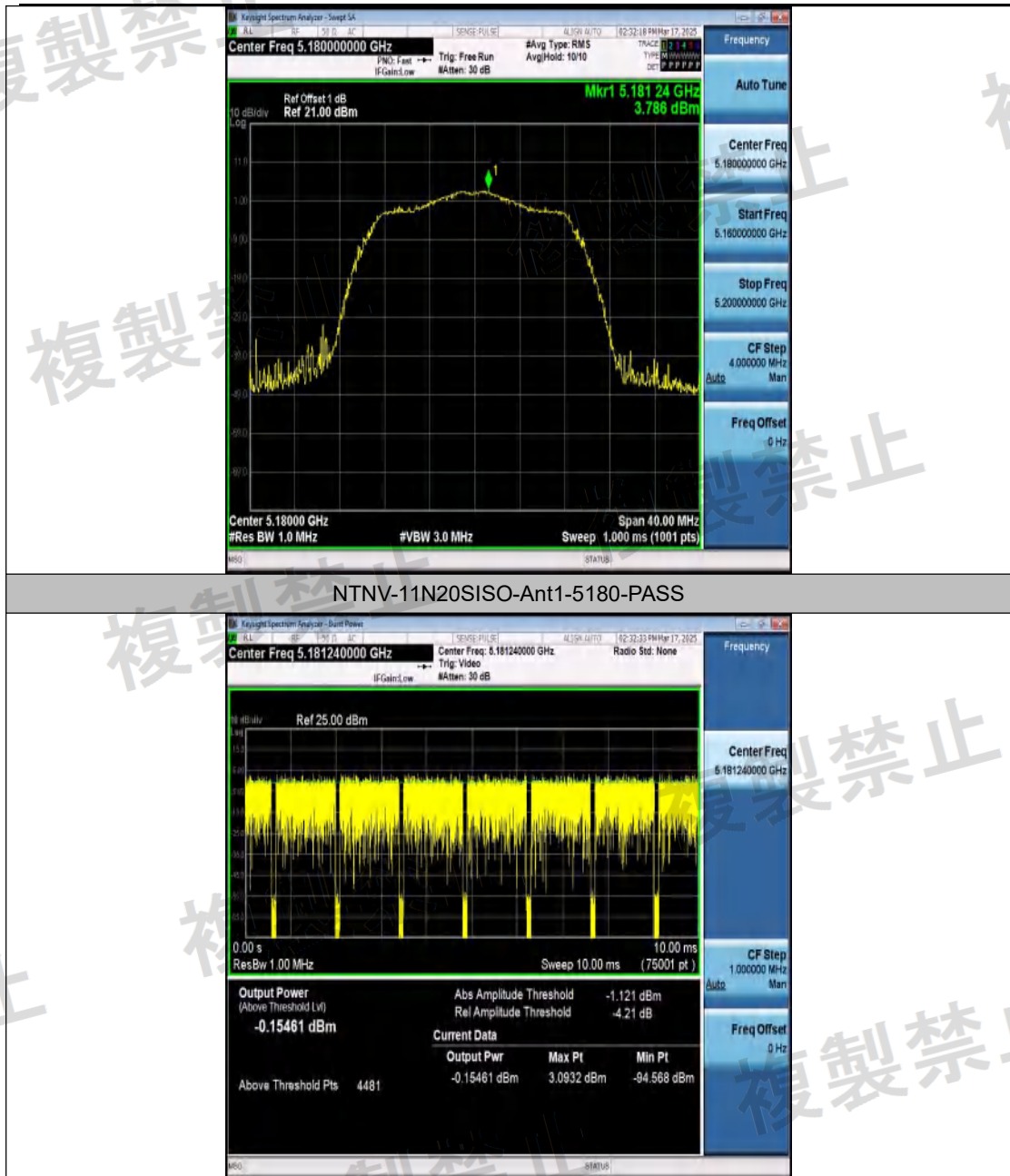


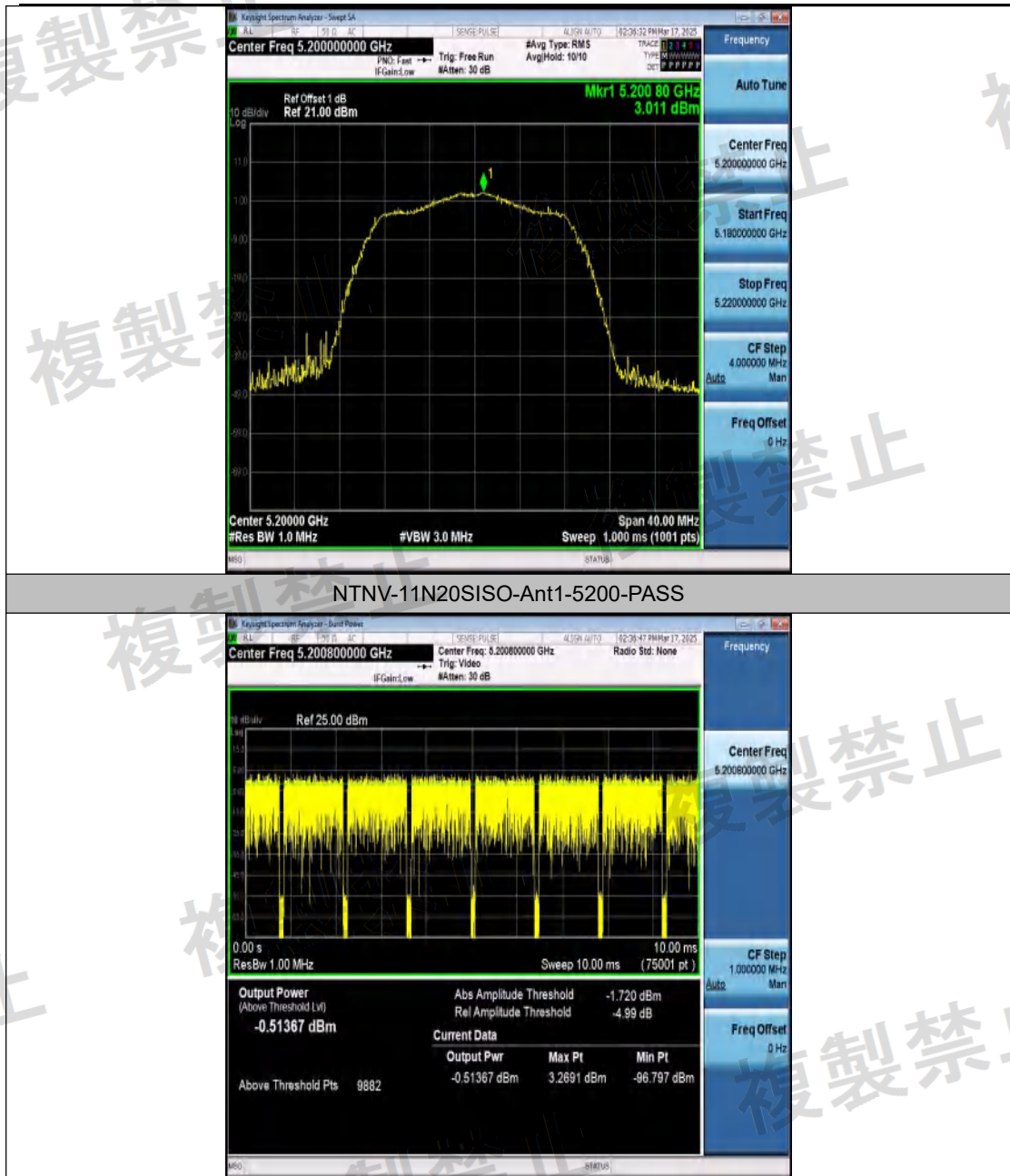


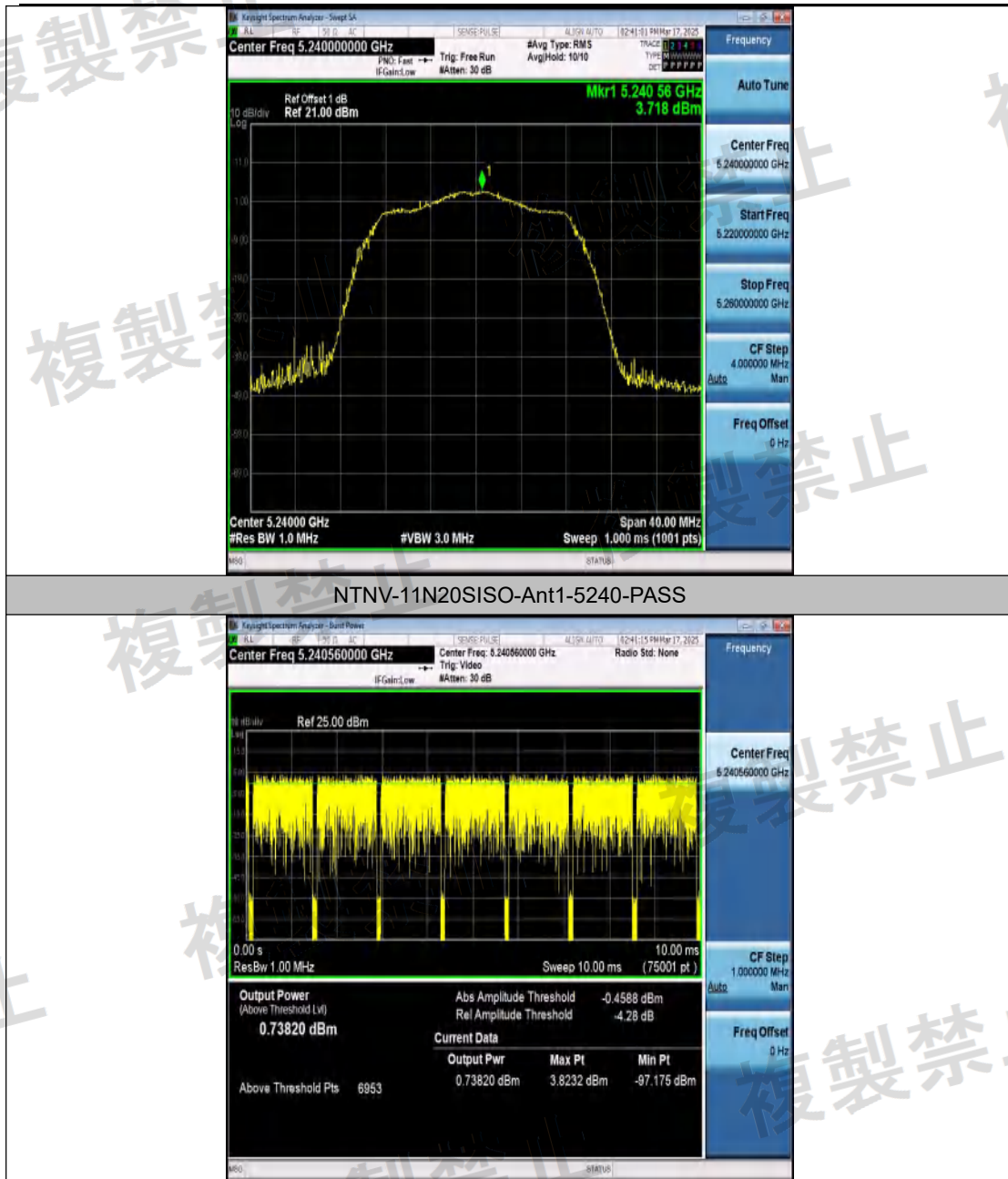


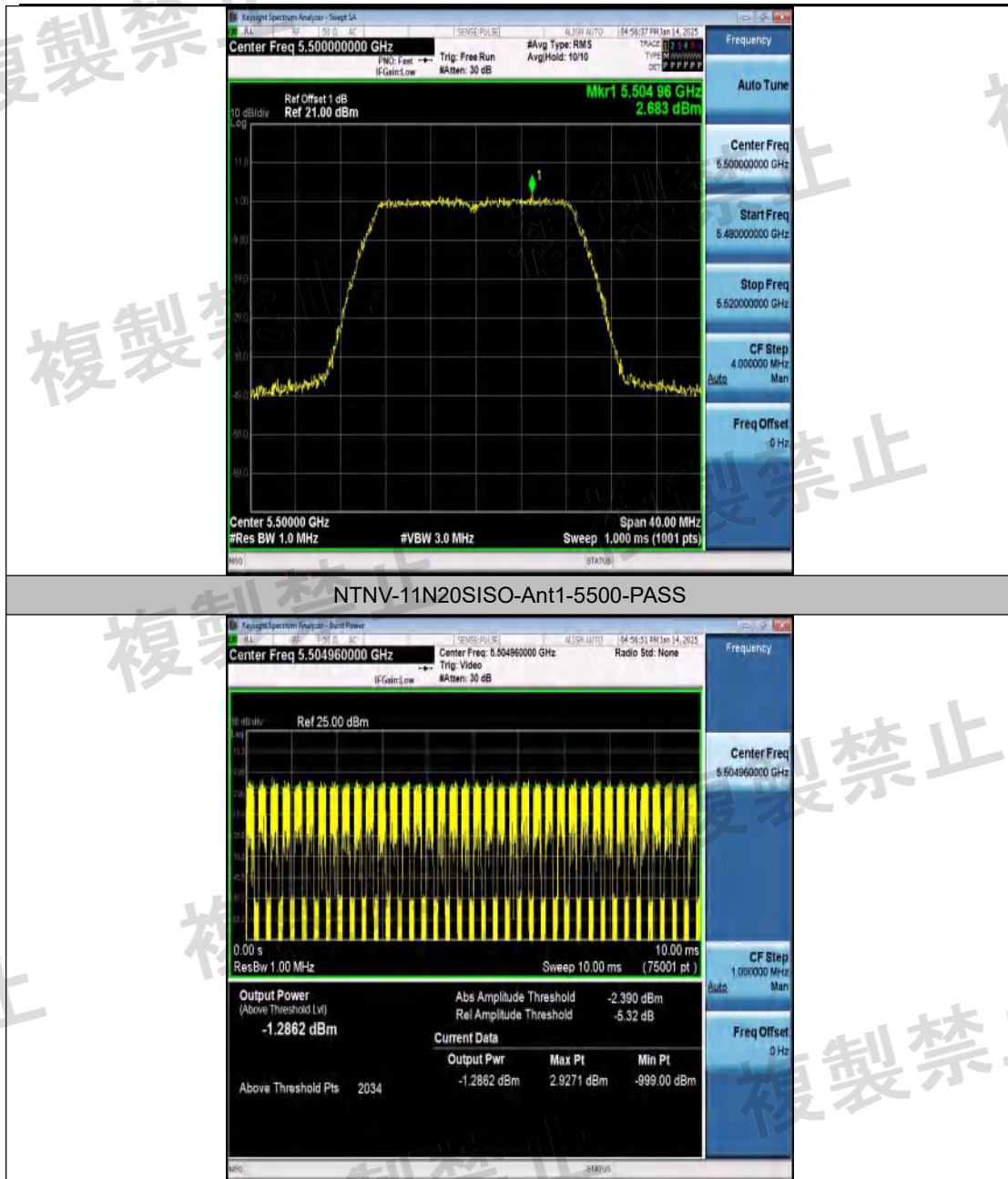


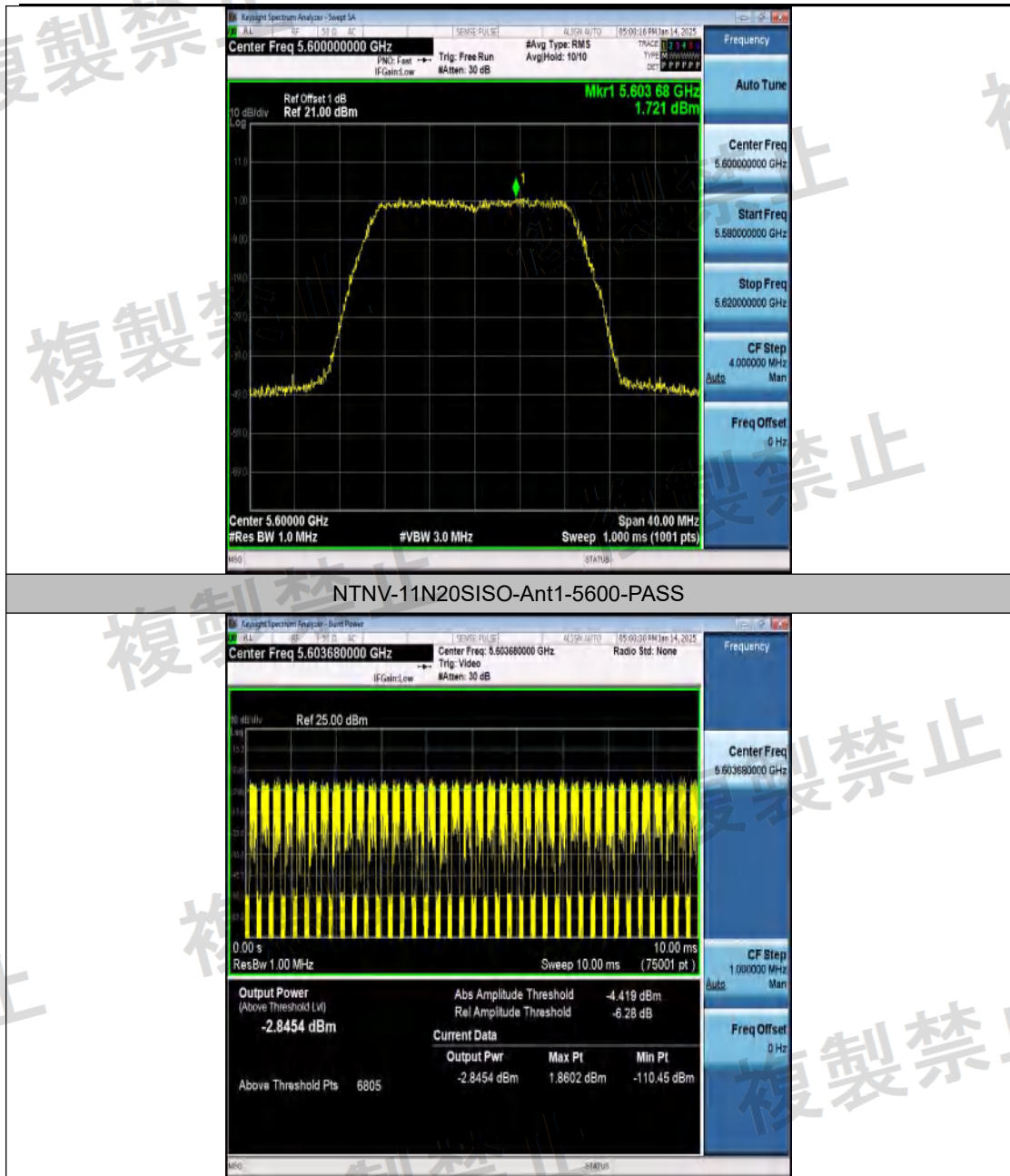


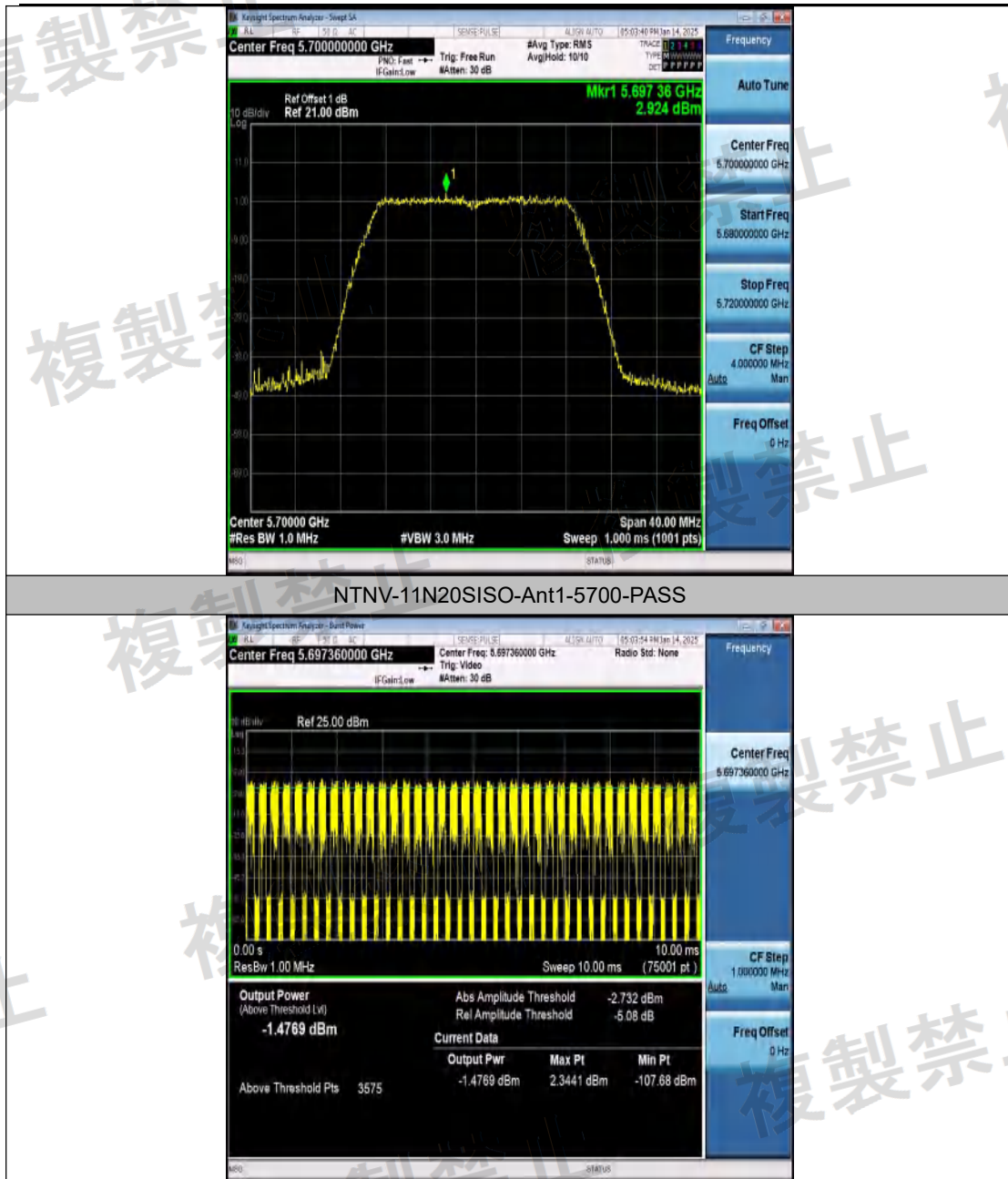










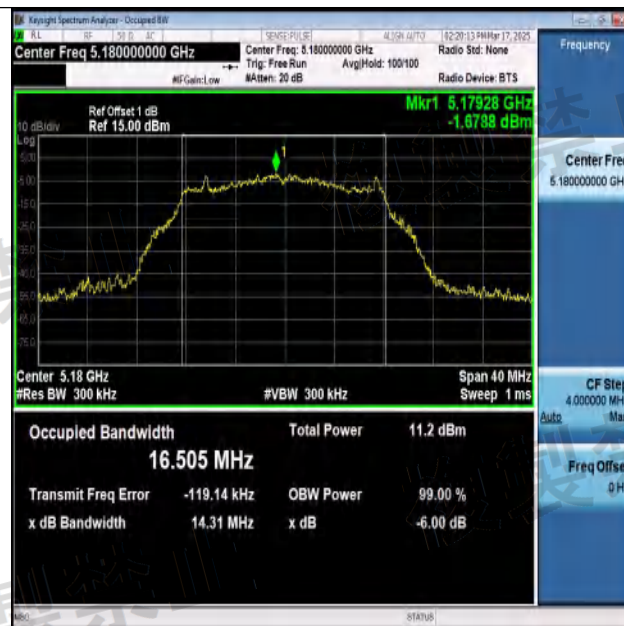


Appendix C: Occupied Bandwidth

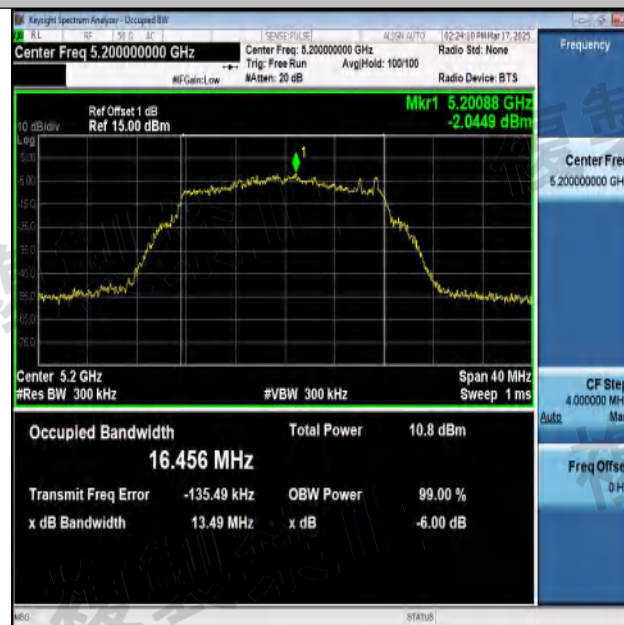
Test Result

Test Condition	Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit [MHz]	Verdict
NTNV	11A	Ant1	5180	16.505	≤20	PASS
NTNV	11A	Ant1	5200	16.456	≤20	PASS
NTNV	11A	Ant1	5240	16.488	≤20	PASS
NTNV	11A	Ant1	5500	16.509	≤20	PASS
NTNV	11A	Ant1	5600	16.494	≤20	PASS
NTNV	11A	Ant1	5700	16.550	≤20	PASS
NTNV	11N20SI SO	Ant1	5180	17.655	≤20	PASS
NTNV	11N20SI SO	Ant1	5200	17.617	≤20	PASS
NTNV	11N20SI SO	Ant1	5240	17.622	≤20	PASS
NTNV	11N20SI SO	Ant1	5500	17.939	≤20	PASS
NTNV	11N20SI SO	Ant1	5600	17.943	≤20	PASS
NTNV	11N20SI SO	Ant1	5700	17.987	≤20	PASS

Test Graphs

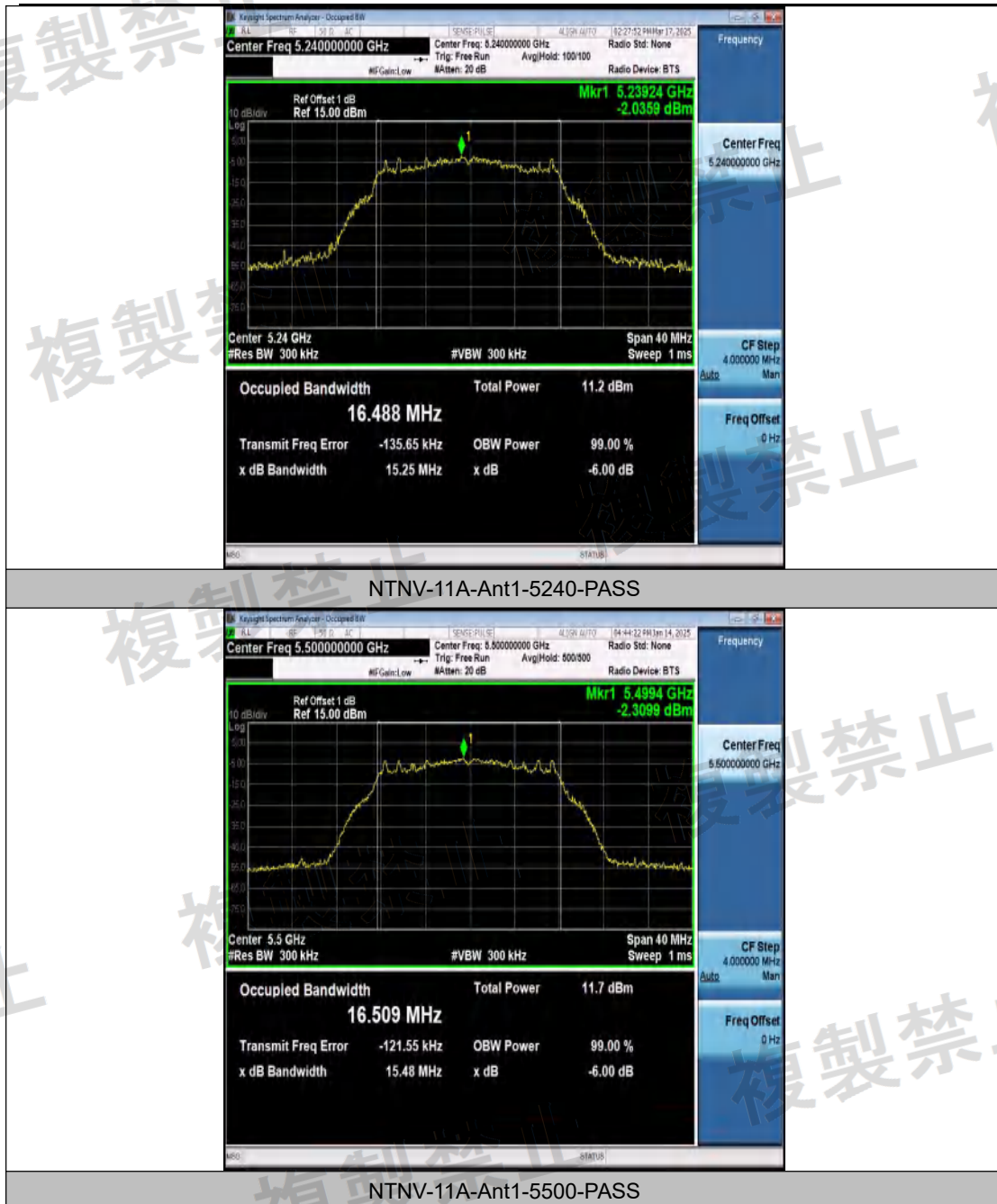


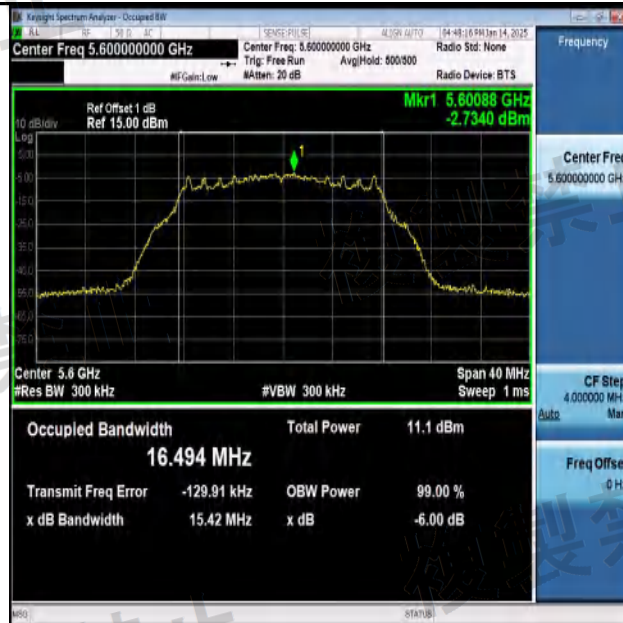
NTNV-11A-Ant1-5180-PASS



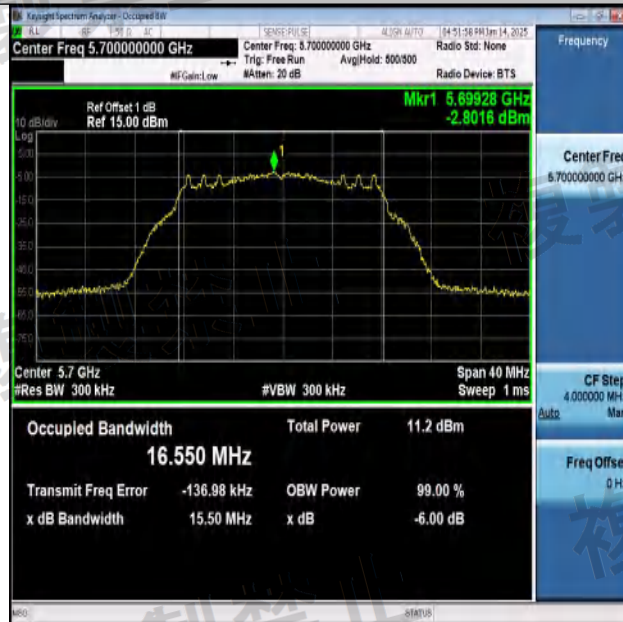
NTNV-11A-Ant1-5200-PASS



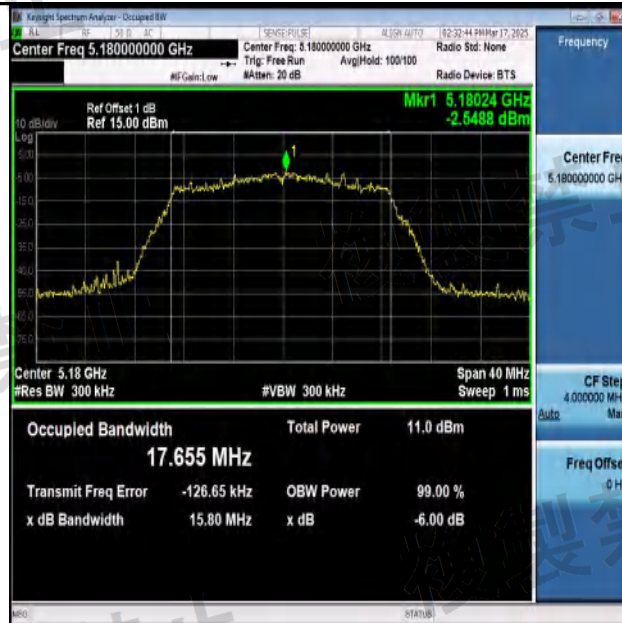




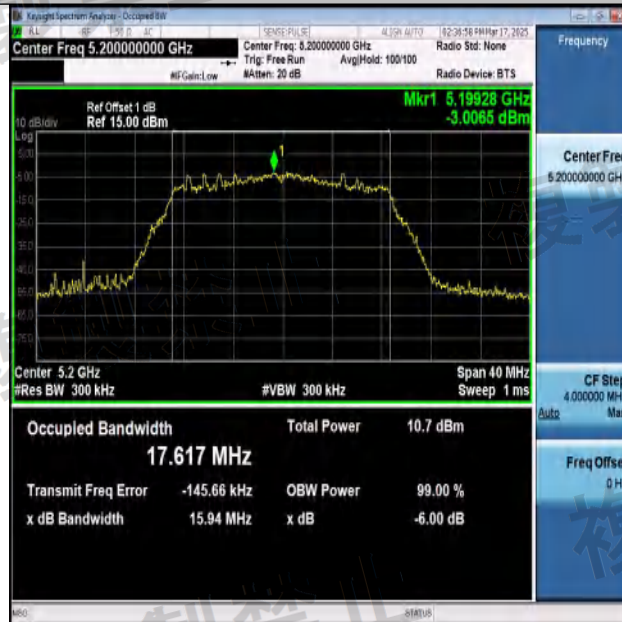
NTNV-11A-Ant1-5600-PASS



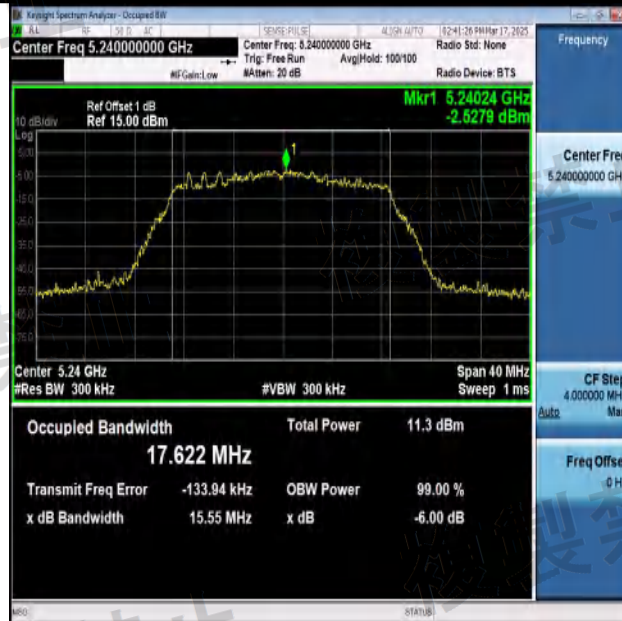
NTNV-11A-Ant1-5700-PASS



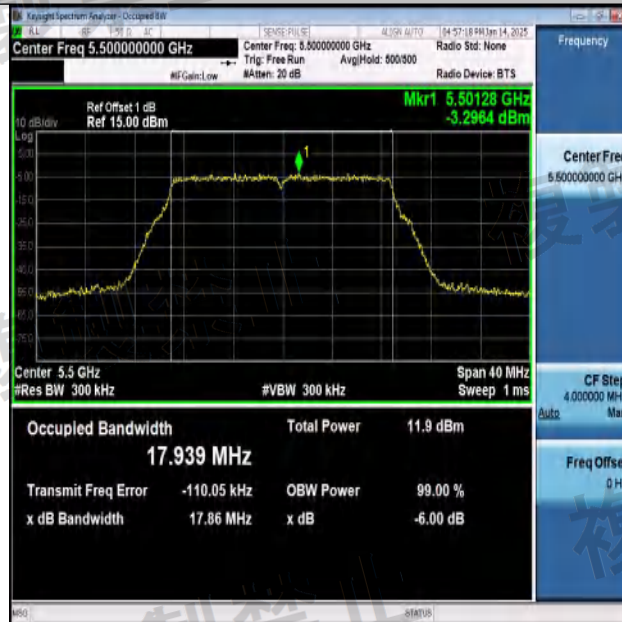
NTNV-11N20SISO-Ant1-5180-PASS



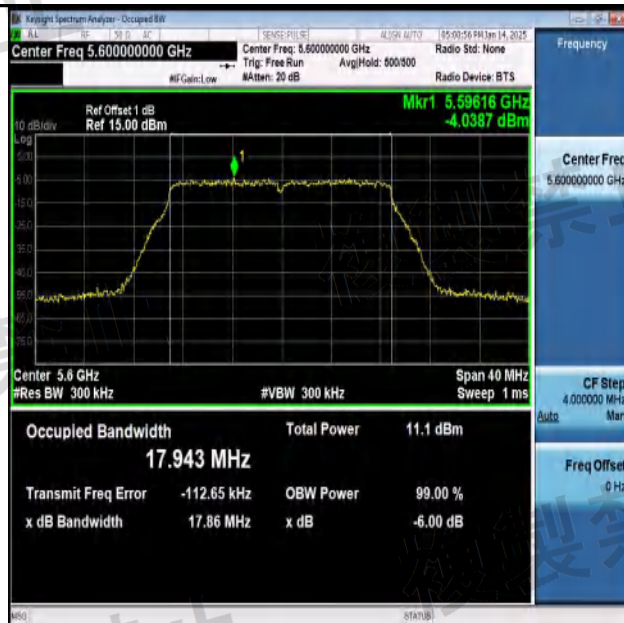
NTNV-11N20SISO-Ant1-5200-PASS



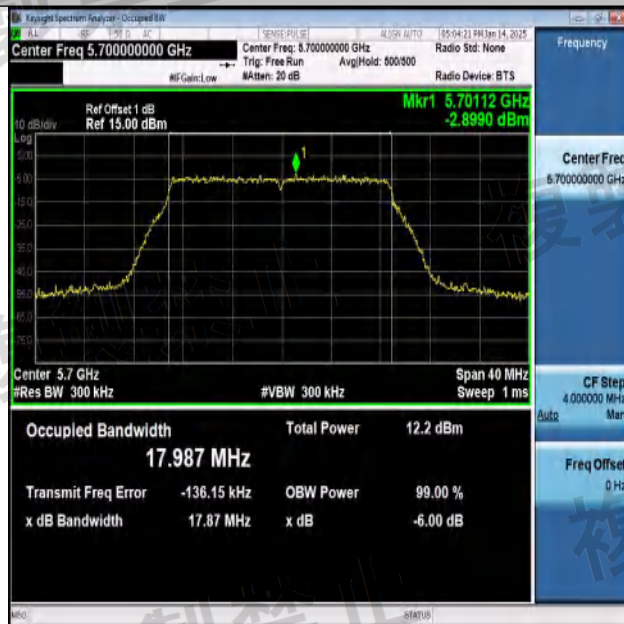
NTNV-11N20SISO-Ant1-5240-PASS



NTNV-11N20SISO-Ant1-5500-PASS



NTNV-11N20SISO-Ant1-5600-PASS



NTNV-11N20SISO-Ant1-5700-PASS

Appendix D: Spurious Emission of TX

Test Result

Test Condition	Test Mode	Antenna	Freq [MHz]	Freq.Range [MHz]	Freq. [MHz]	Result [dBm/MHz]	Gain [dBi]	EIRP [dBm/MHz]	Result [μW/MHz]	Limit [μW/MHz]	Verdict
NTNV	11A	Ant1	5180	30~5142	5133.82	-52.58	1.97	-50.61	0.00869	≤2.5	PASS
NTNV	11A	Ant1	5180	5142~5150	5149.57	-57.82	1.97	-55.85	0.00260	≤15	PASS
NTNV	11A	Ant1	5180	5250~5251	5250.98	-59.85	1.97	-57.88	0.00163	≤104.7	PASS
NTNV	11A	Ant1	5180	5251~5260	5259.84	-60.32	1.97	-58.35	0.00146	≤16.4	PASS
NTNV	11A	Ant1	5180	5260~5266.7	5266.69	-60.65	1.97	-58.68	0.00136	≤2.5	PASS
NTNV	11A	Ant1	5180	5266.7~26000	24422.20	-47.46	1.97	-45.49	0.02825	≤2.5	PASS
NTNV	11A	Ant1	5200	30~5142	5132.29	-54.33	1.97	-52.36	0.00581	≤2.5	PASS
NTNV	11A	Ant1	5200	5142~5150	5149.54	-60.00	1.97	-58.03	0.00157	≤15	PASS
NTNV	11A	Ant1	5200	5250~5251	5251.00	-59.33	1.97	-57.36	0.00184	≤100.0	PASS
NTNV	11A	Ant1	5200	5251~5260	5259.99	-59.85	1.97	-57.88	0.00163	≤15.9	PASS
NTNV	11A	Ant1	5200	5260~5266.7	5266.56	-59.96	1.97	-57.99	0.00159	≤2.6	PASS
NTNV	11A	Ant1	5200	5266.7~26000	24743.56	-47.17	1.97	-45.2	0.03020	≤2.5	PASS
NTNV	11A	Ant1	5240	30~5142	2427.53	-55.83	1.97	-53.86	0.00411	≤2.5	PASS
NTNV	11A	Ant1	5240	5142~5150	5148.42	-62.46	1.97	-60.49	0.00089	≤15	PASS
NTNV	11A	Ant1	5240	5250~5251	5250.83	-35.61	1.97	-33.64	0.43251	≤147.9	PASS
NTNV	11A	Ant1	5240	5251~5260	5251.02	-37.98	1.97	-36.01	0.25061	≤99.6	PASS
NTNV	11A	Ant1	5240	5260~5266.7	5266.64	-56.79	1.97	-54.82	0.00330	≤2.5	PASS
NTNV	11A	Ant1	5240	5266.7~26000	24420.81	-47.20	1.97	-45.23	0.02999	≤2.5	PASS



NTNV	11A	Ant1	5500	30~5460	5202.08	-51.10	2.00	-49.1	0.012 30	≤2.5	PASS
NTNV	11A	Ant1	5500	5460~5470	5469.73	-58.76	2.00	-56.76	0.002 11	≤12.5	PASS
NTNV	11A	Ant1	5500	5745~5765	5747.82	-65.28	2.00	-63.28	0.000 47	≤12.5	PASS
NTNV	11A	Ant1	5500	5765~26000	25796.30	-46.51	2.00	-44.51	0.035 40	≤2.5	PASS
NTNV	11A	Ant1	5600	30~5460	2412.14	-41.97	2.00	-39.97	0.100 69	≤2.5	PASS
NTNV	11A	Ant1	5600	5460~5470	5468.35	-65.23	2.00	-63.23	0.000 48	≤12.5	PASS
NTNV	11A	Ant1	5600	5745~5765	5745.48	-57.77	2.00	-55.77	0.002 65	≤12.5	PASS
NTNV	11A	Ant1	5600	5765~26000	24352.20	-46.93	2.00	-44.93	0.032 14	≤2.5	PASS
NTNV	11A	Ant1	5700	30~5460	2412.68	-43.98	2.00	-41.98	0.063 39	≤2.5	PASS
NTNV	11A	Ant1	5700	5460~5470	5469.56	-66.36	2.00	-64.36	0.000 37	≤12.5	PASS
NTNV	11A	Ant1	5700	5745~5765	5752.04	-46.73	2.00	-44.73	0.033 65	≤12.5	PASS
NTNV	11A	Ant1	5700	5765~26000	24765.67	-46.84	2.00	-44.84	0.032 81	≤2.5	PASS
NTNV	11N20SI SO	Ant1	5180	30~5142	5135.35	-53.90	1.97	-51.93	0.006 41	≤2.5	PASS
NTNV	11N20SI SO	Ant1	5180	5142~5150	5148.88	-58.34	1.97	-56.37	0.002 31	≤15	PASS
NTNV	11N20SI SO	Ant1	5180	5250~5251	5251.00	-59.97	1.97	-58	0.001 58	≤100.0	PASS
NTNV	11N20SI SO	Ant1	5180	5251~5260	5259.94	-60.63	1.97	-58.66	0.001 36	≤16.0	PASS
NTNV	11N20SI SO	Ant1	5180	5260~5266.7	5266.55	-61.01	1.97	-59.04	0.001 25	≤2.6	PASS
NTNV	11N20SI SO	Ant1	5180	5266.7~26000	25866.62	-47.24	1.97	-45.27	0.029 72	≤2.5	PASS
NTNV	11N20SI SO	Ant1	5200	30~5142	5126.66	-54.99	1.97	-53.02	0.004 99	≤2.5	PASS
NTNV	11N20SI SO	Ant1	5200	5142~5150	5148.52	-60.46	1.97	-58.49	0.001 42	≤15	PASS
NTNV	11N20SI SO	Ant1	5200	5250~5251	5250.97	-59.47	1.97	-57.5	0.001 78	≤107.2	PASS
NTNV	11N20SI	Ant1	5200	5251~5260	5259.86	-59.99	1.97	-58.02	0.001	≤16.3	PASS

Shenzhen Anbotech Compliance Laboratory Limited

Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China

Tel: (86) 0755-26066440 Email: service@anbotech.com



Hotline
400-003-0500

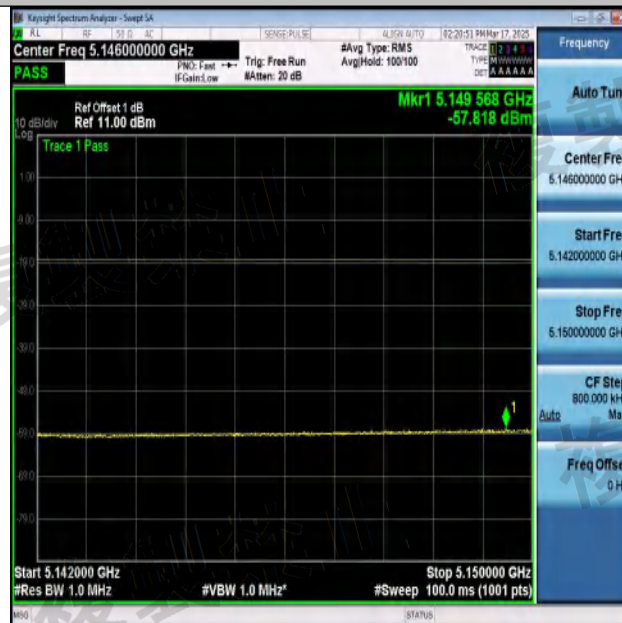
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	SO								58		
NTNV	11N20SI SO	Ant1	5200	5260~5266.7	5266.62	-60.42	1.97	-58.45	0.001 43	≤2.6	PASS
NTNV	11N20SI SO	Ant1	5200	5266.7~26000	25689.69	-46.41	1.97	-44.44	0.035 97	≤2.5	PASS
NTNV	11N20SI SO	Ant1	5240	30~5142	2402.48	-56.09	1.97	-54.12	0.003 87	≤2.5	PASS
NTNV	11N20SI SO	Ant1	5240	5142~5150	5149.60	-62.83	1.97	-60.86	0.000 82	≤15	PASS
NTNV	11N20SI SO	Ant1	5240	5250~5251	5250.77	-32.44	1.97	-30.47	0.897 43	≤169.8	PASS
NTNV	11N20SI SO	Ant1	5240	5251~5260	5251.00	-35.55	1.97	-33.58	0.438 53	≤100.0	PASS
NTNV	11N20SI SO	Ant1	5240	5260~5266.7	5266.70	-57.17	1.97	-55.2	0.003 02	≤2.5	PASS
NTNV	11N20SI SO	Ant1	5240	5266.7~26000	24310.93	-46.15	1.97	-44.18	0.038 19	≤2.5	PASS
NTNV	11N20SI SO	Ant1	5500	30~5460	2411.60	-42.31	2.00	-40.31	0.093 11	≤2.5	PASS
NTNV	11N20SI SO	Ant1	5500	5460~5470	5469.83	-59.58	2.00	-57.58	0.001 75	≤12.5	PASS
NTNV	11N20SI SO	Ant1	5500	5745~5765	5751.96	-48.55	2.00	-46.55	0.022 13	≤12.5	PASS
NTNV	11N20SI SO	Ant1	5500	5765~26000	25756.51	-47.10	2.00	-45.1	0.030 90	≤2.5	PASS
NTNV	11N20SI SO	Ant1	5600	30~5460	2411.06	-41.48	2.00	-39.48	0.112 72	≤2.5	PASS
NTNV	11N20SI SO	Ant1	5600	5460~5470	5469.65	-65.75	2.00	-63.75	0.000 42	≤12.5	PASS
NTNV	11N20SI SO	Ant1	5600	5745~5765	5752.16	-49.55	2.00	-47.55	0.017 58	≤12.5	PASS
NTNV	11N20SI SO	Ant1	5600	5765~26000	24375.13	-47.26	2.00	-45.26	0.029 79	≤2.5	PASS
NTNV	11N20SI SO	Ant1	5700	30~5460	2411.06	-41.84	2.00	-39.84	0.103 75	≤2.5	PASS
NTNV	11N20SI SO	Ant1	5700	5460~5470	5466.81	-67.00	2.00	-65	0.000 32	≤12.5	PASS
NTNV	11N20SI SO	Ant1	5700	5745~5765	5751.80	-48.02	2.00	-46.02	0.025 00	≤12.5	PASS
NTNV	11N20SI SO	Ant1	5700	5765~26000	25268.84	-46.82	2.00	-44.82	0.032 96	≤2.5	PASS

Test Graphs

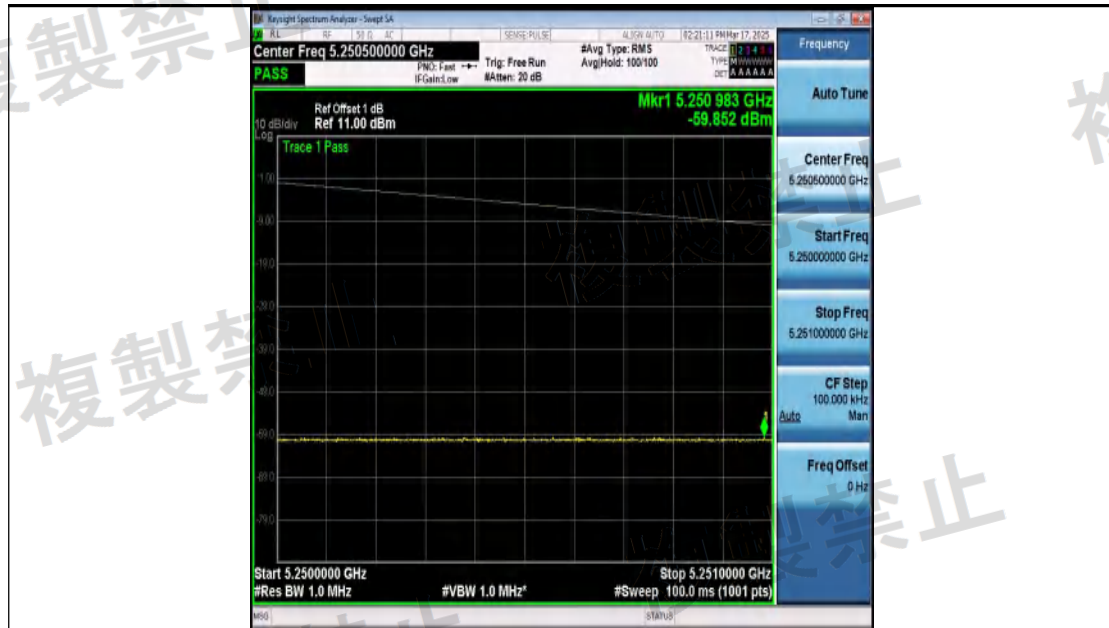


NTNV-11A-Ant1-5180-30~5142-PASS

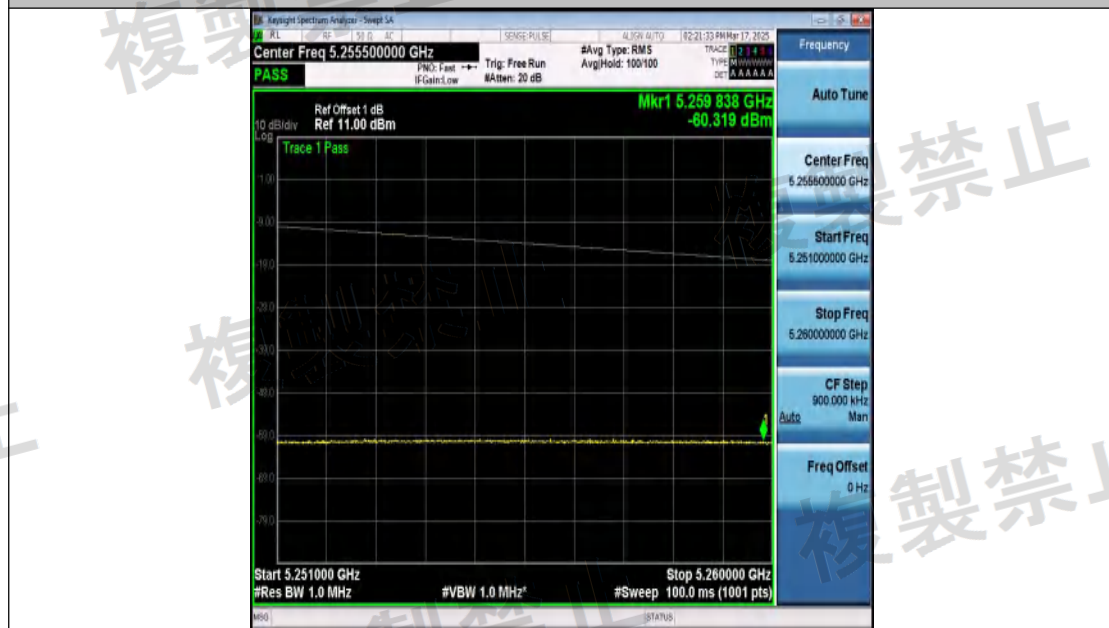


NTNV-11A-Ant1-5180-5142~5150-PASS

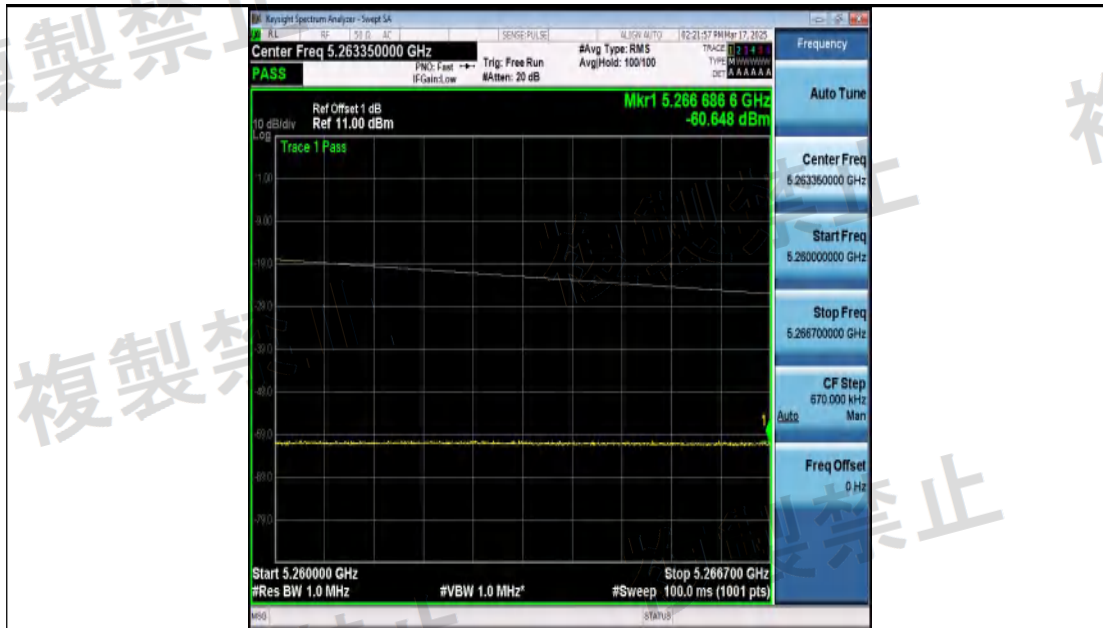




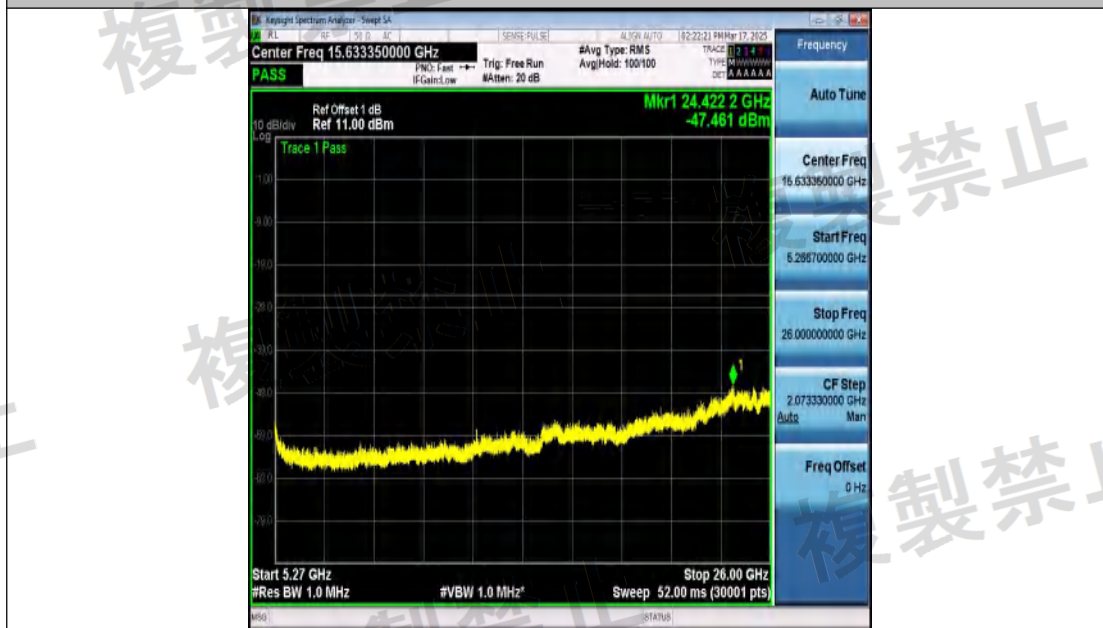
NTNV-11A-Ant1-5180-5250~5251-PASS



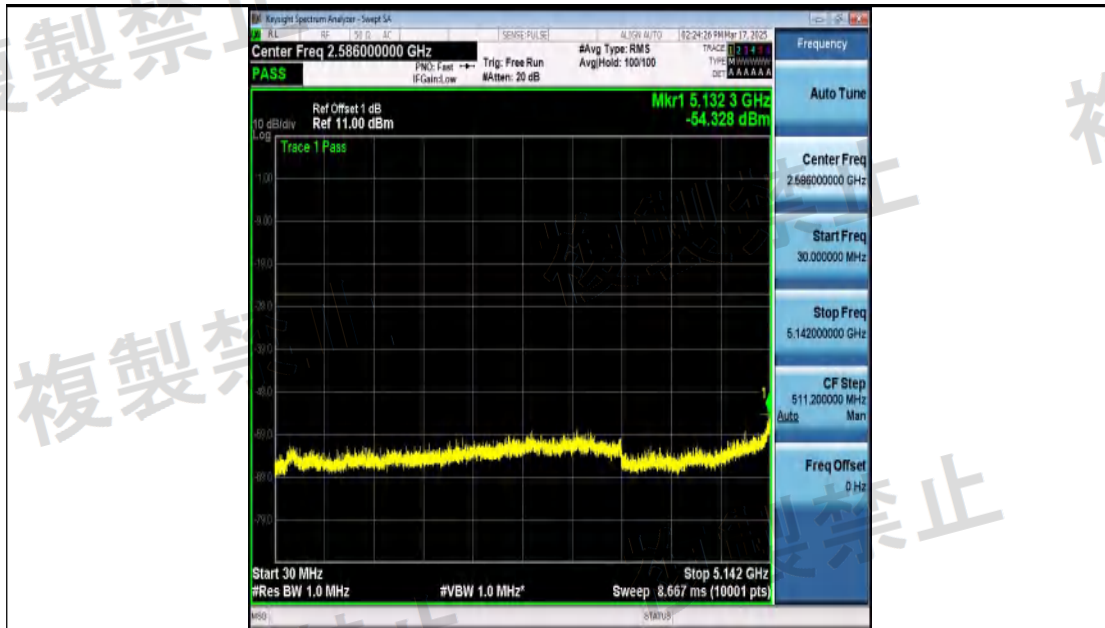
NTNV-11A-Ant1-5180-5251~5260-PASS



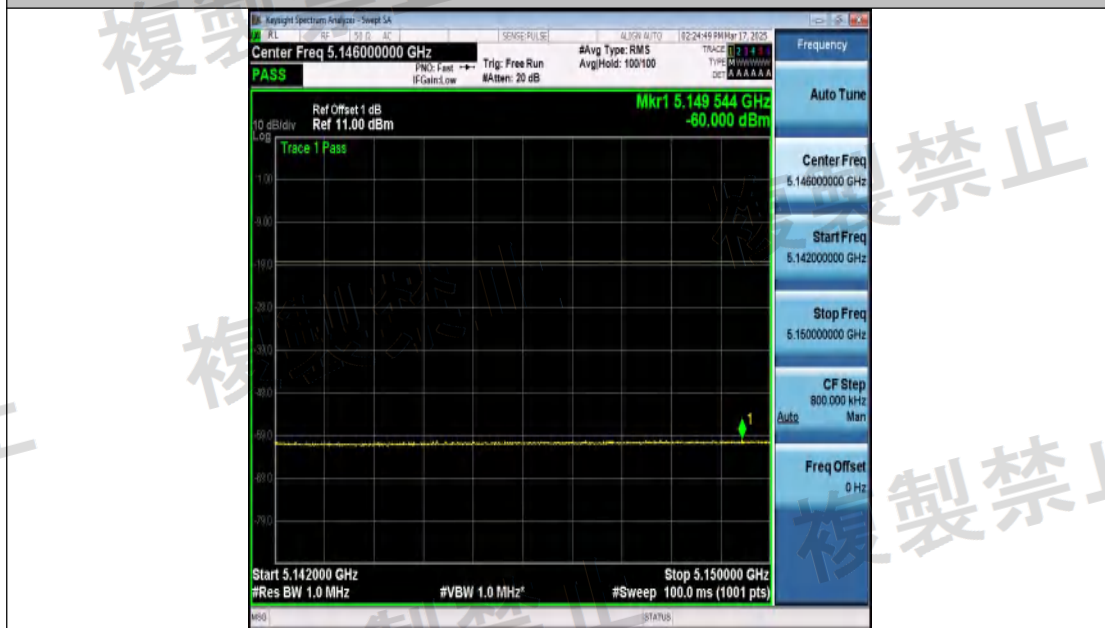
NTNV-11A-Ant1-5180-5260~5266.7-PASS



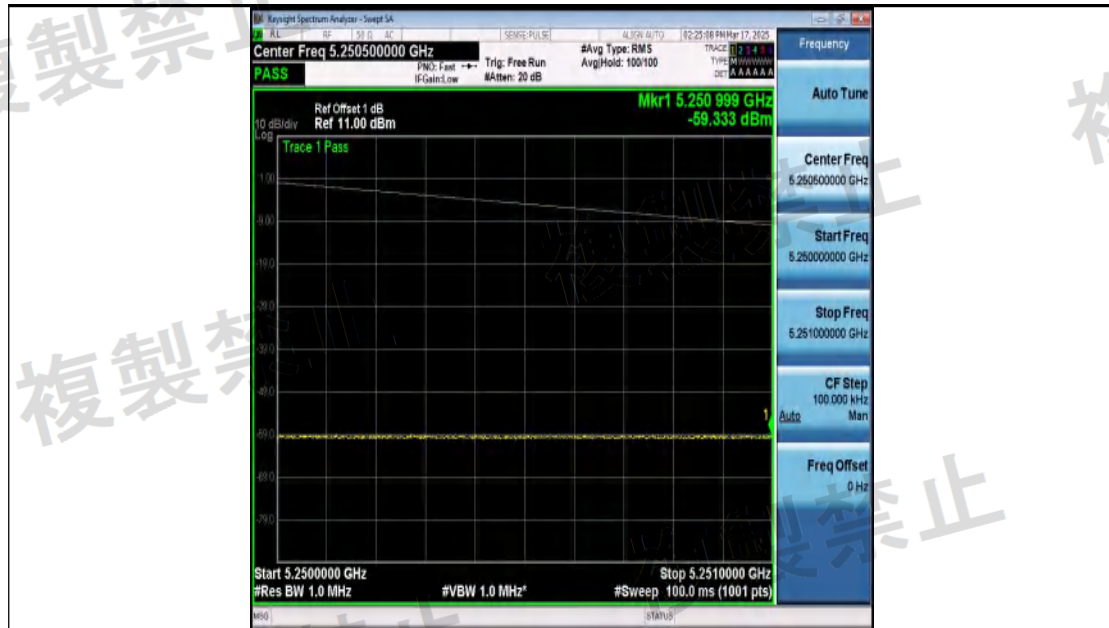
NTNV-11A-Ant1-5180-5266.7~26000-PASS



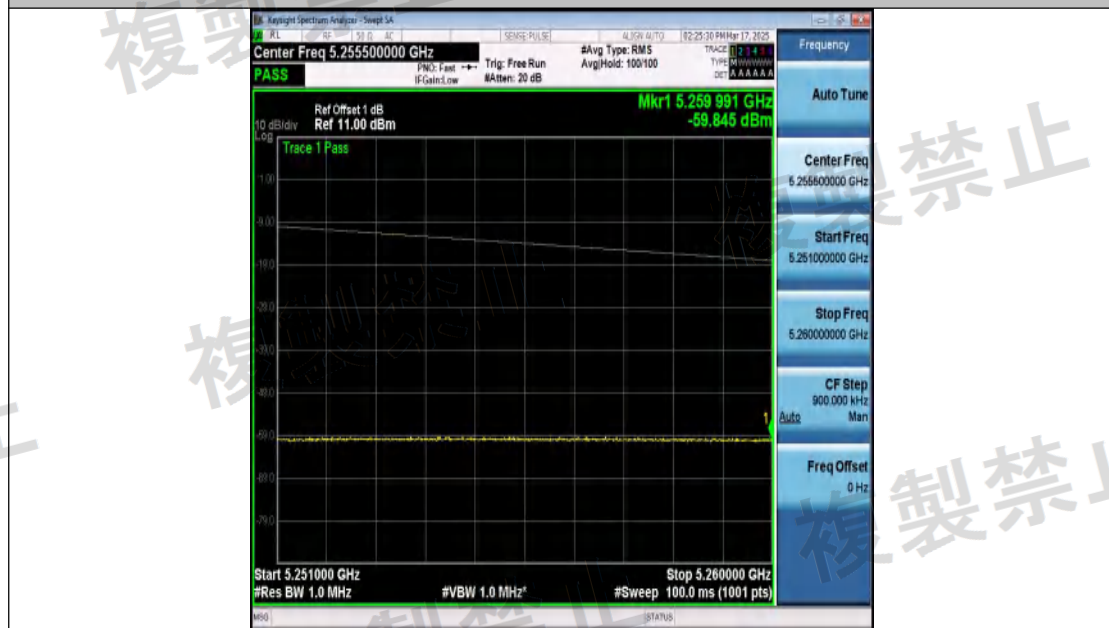
NTNV-11A-Ant1-5200-30~5142-PASS



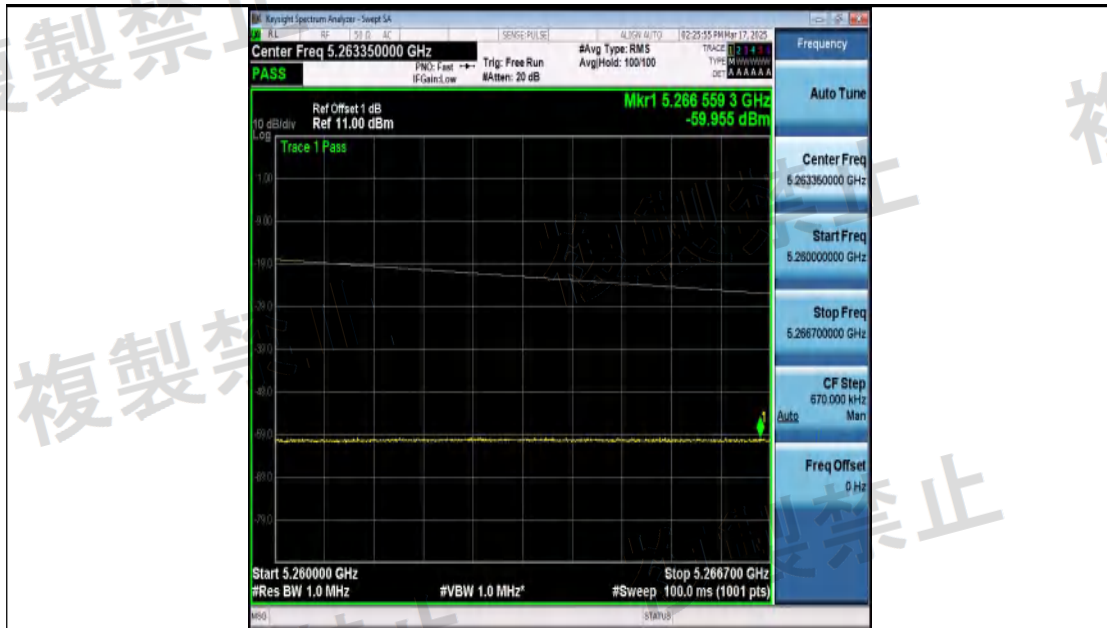
NTNV-11A-Ant1-5200-5142~5150-PASS



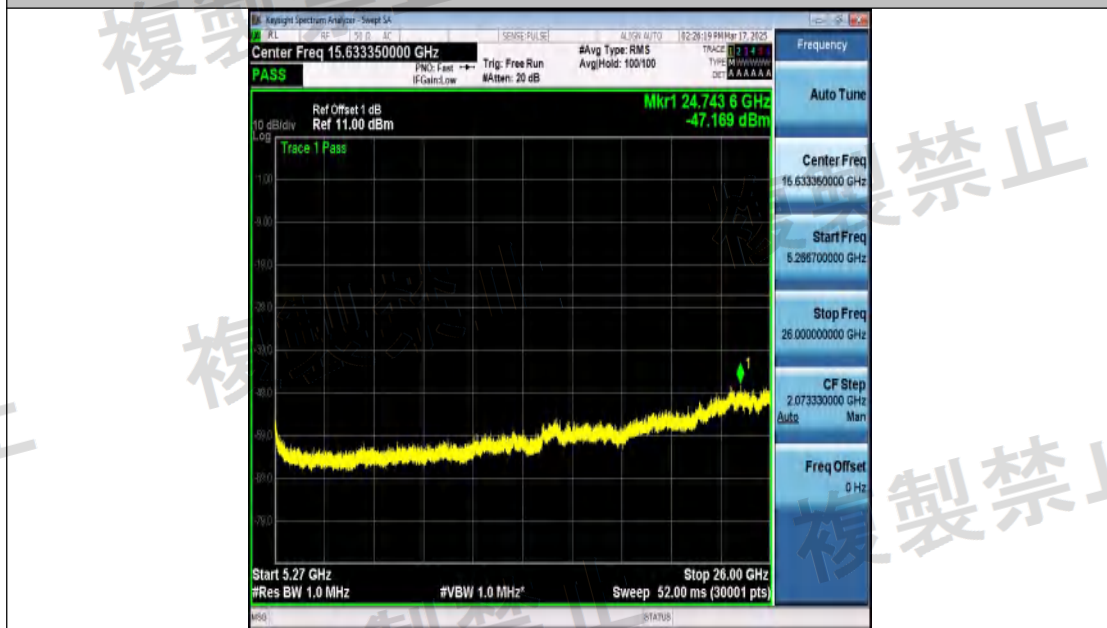
NTNV-11A-Ant1-5200-5250~5251-PASS



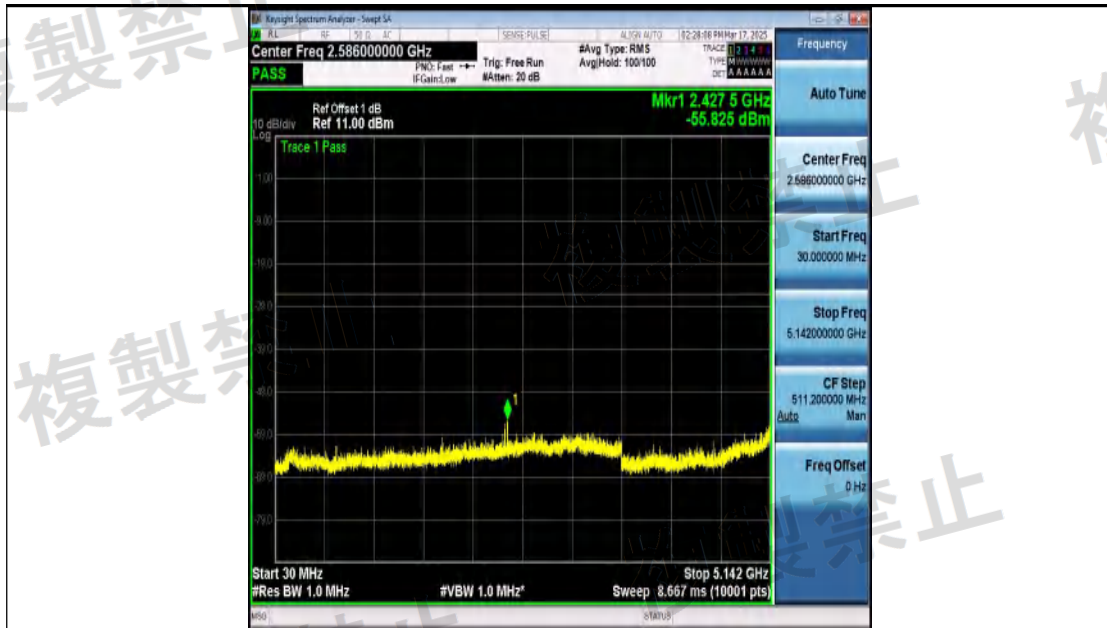
NTNV-11A-Ant1-5200-5251~5260-PASS



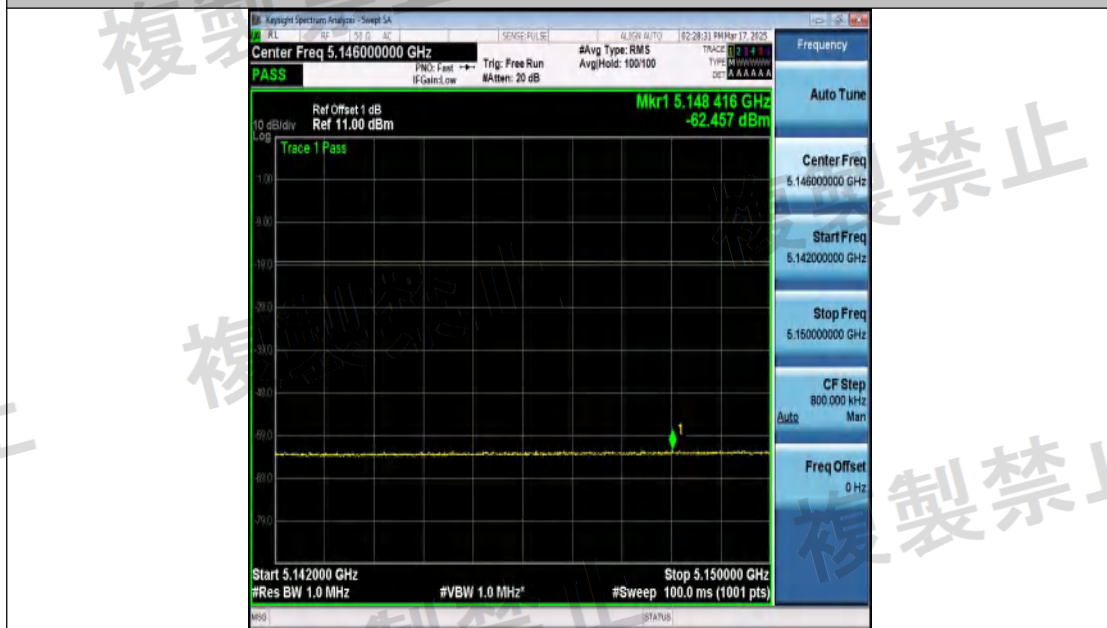
NTNV-11A-Ant1-5200-5260~5266.7-PASS



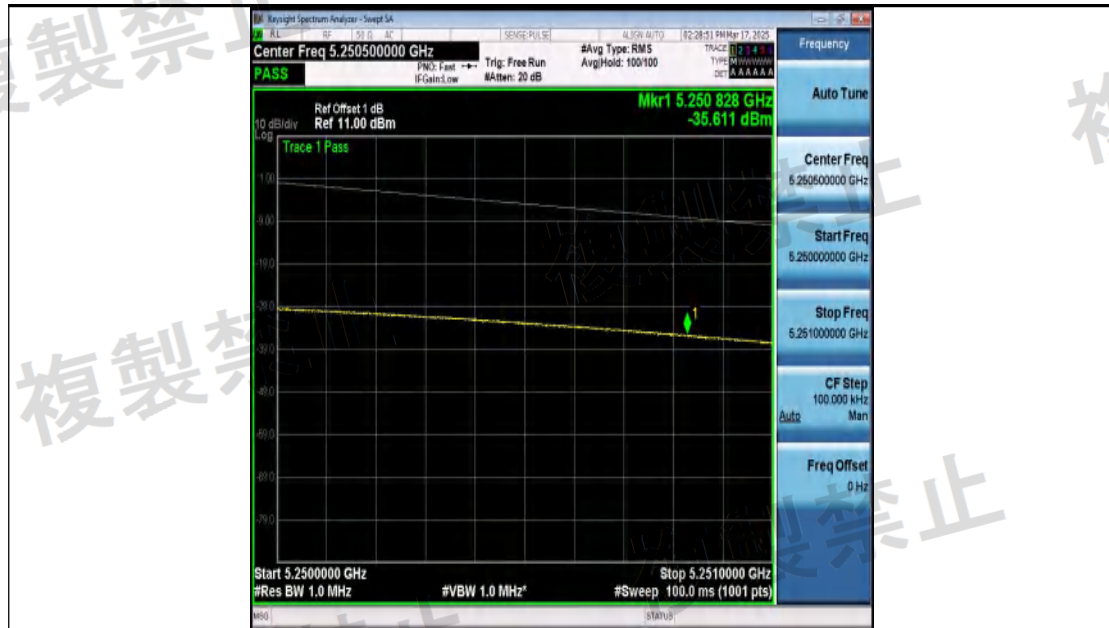
NTNV-11A-Ant1-5200-5266.7~26000-PASS



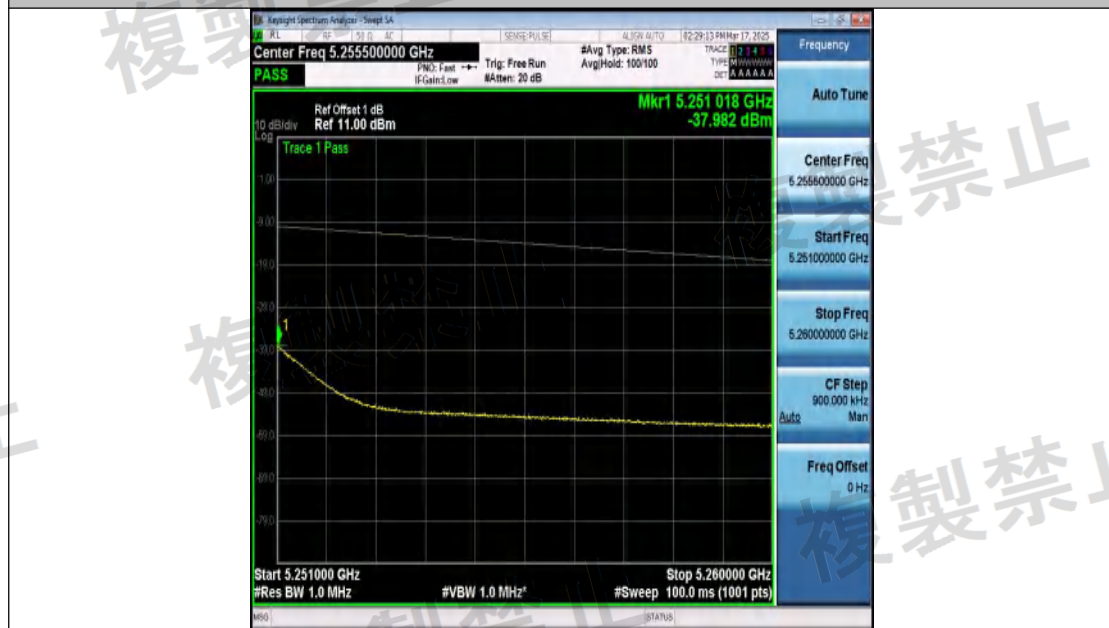
NTNV-11A-Ant1-5240-30~5142-PASS



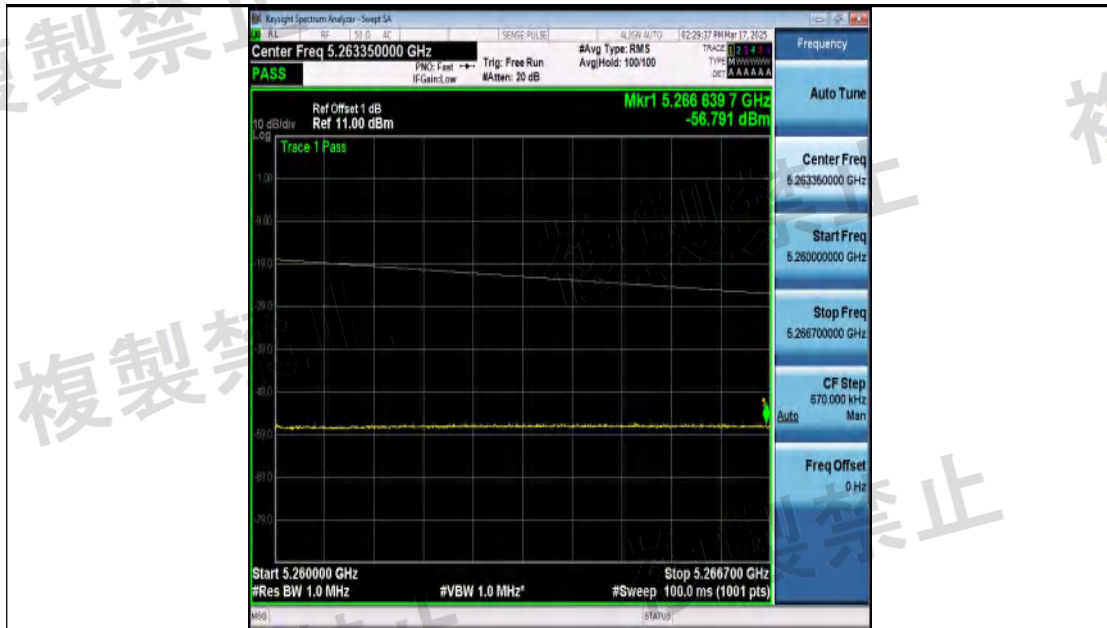
NTNV-11A-Ant1-5240-5142~5150-PASS



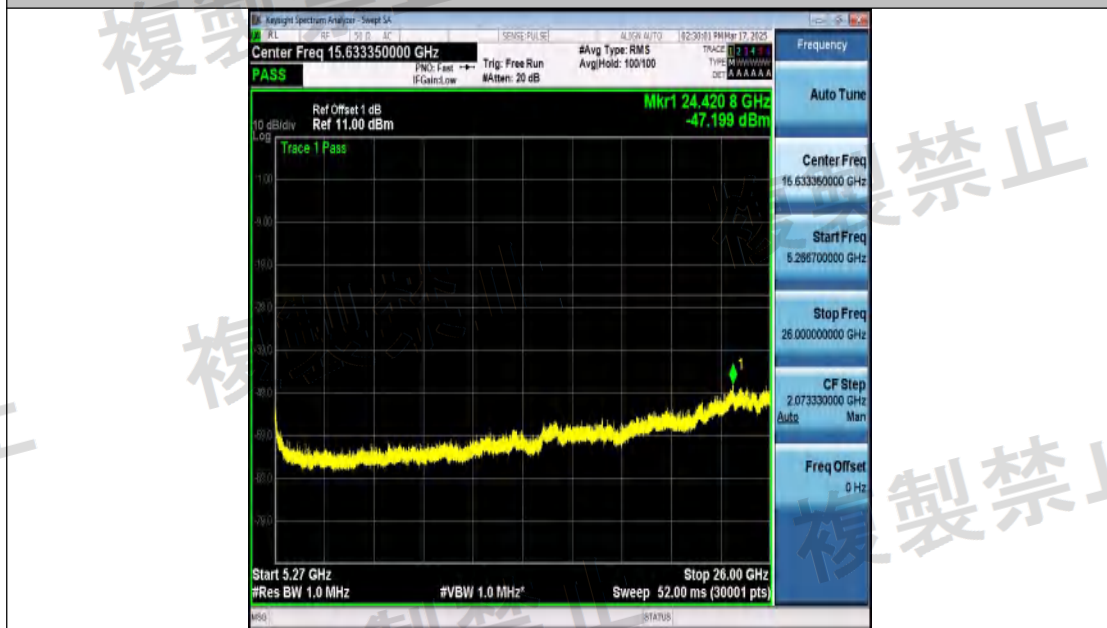
NTNV-11A-Ant1-5240-5250~5251-PASS



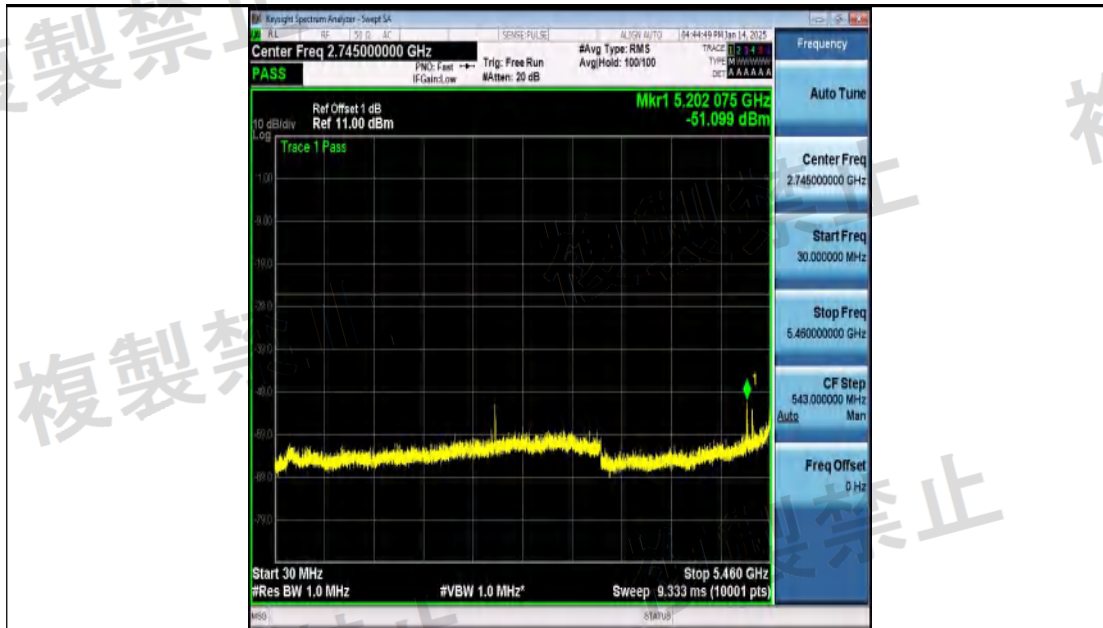
NTNV-11A-Ant1-5240-5251~5260-PASS



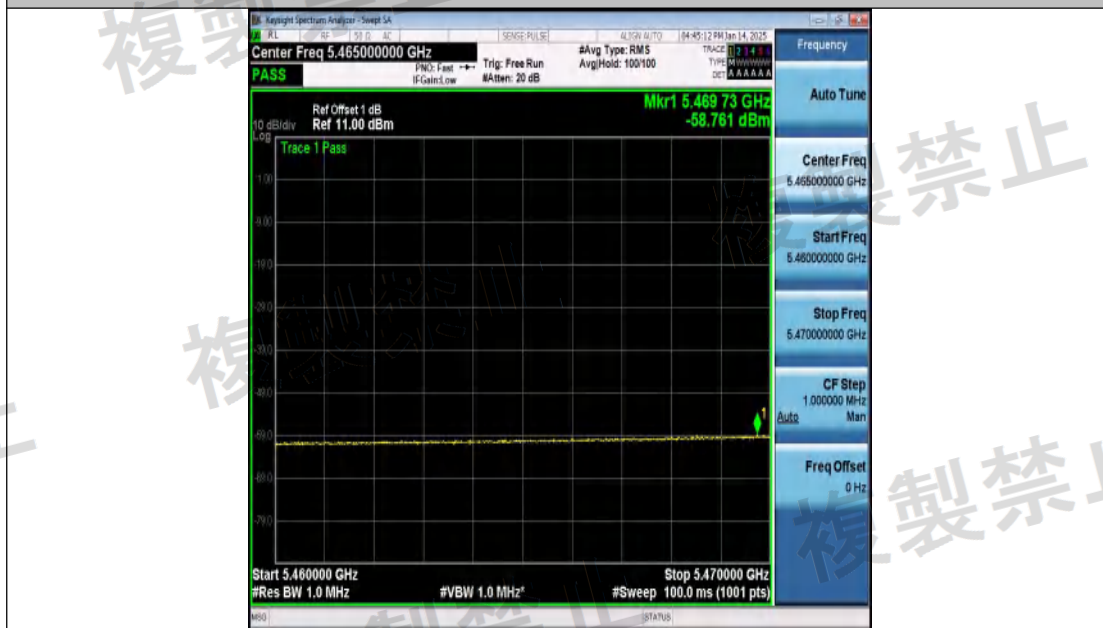
NTNV-11A-Ant1-5240-5260~5266.7-PASS



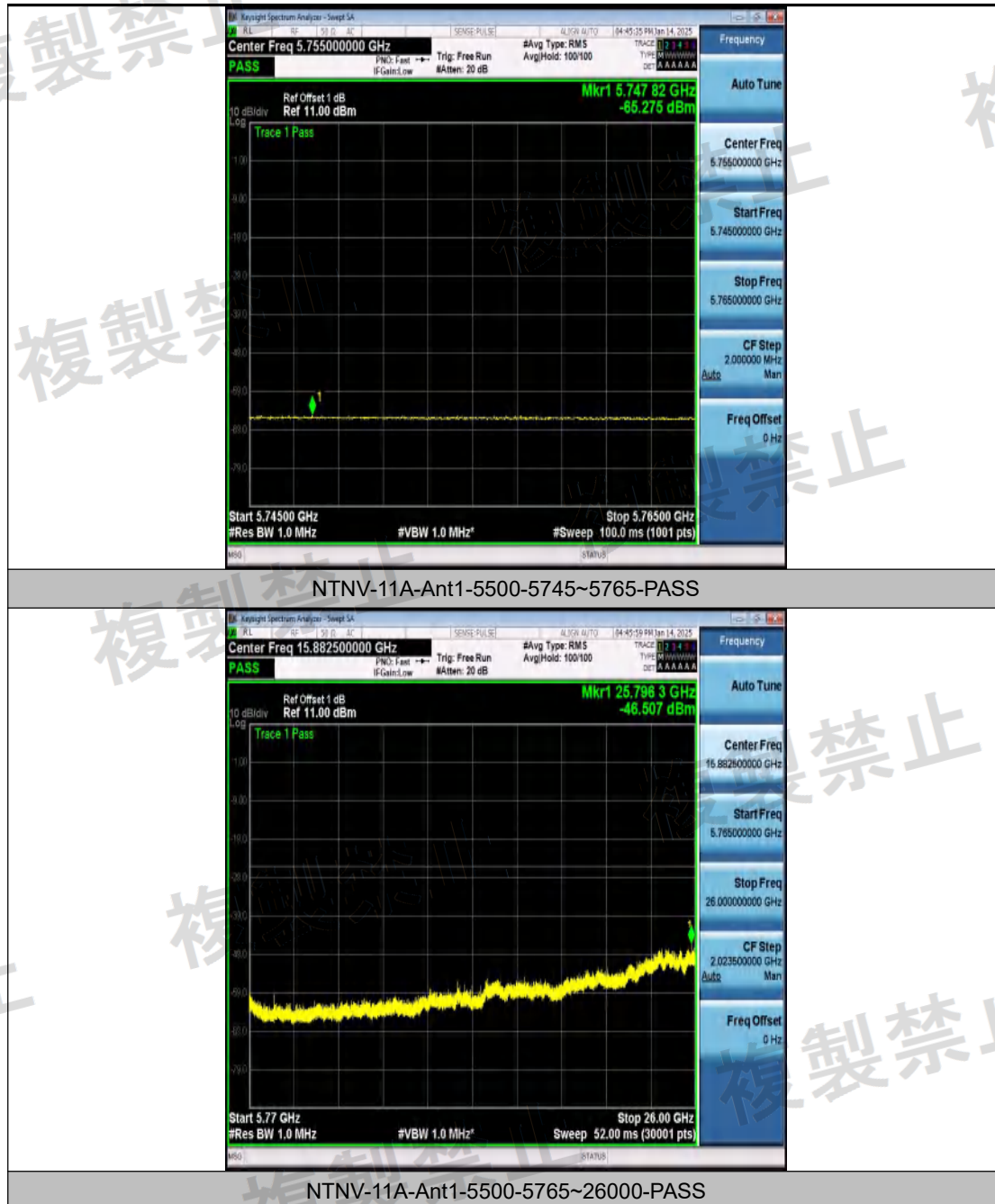
NTNV-11A-Ant1-5240-5266.7~26000-PASS

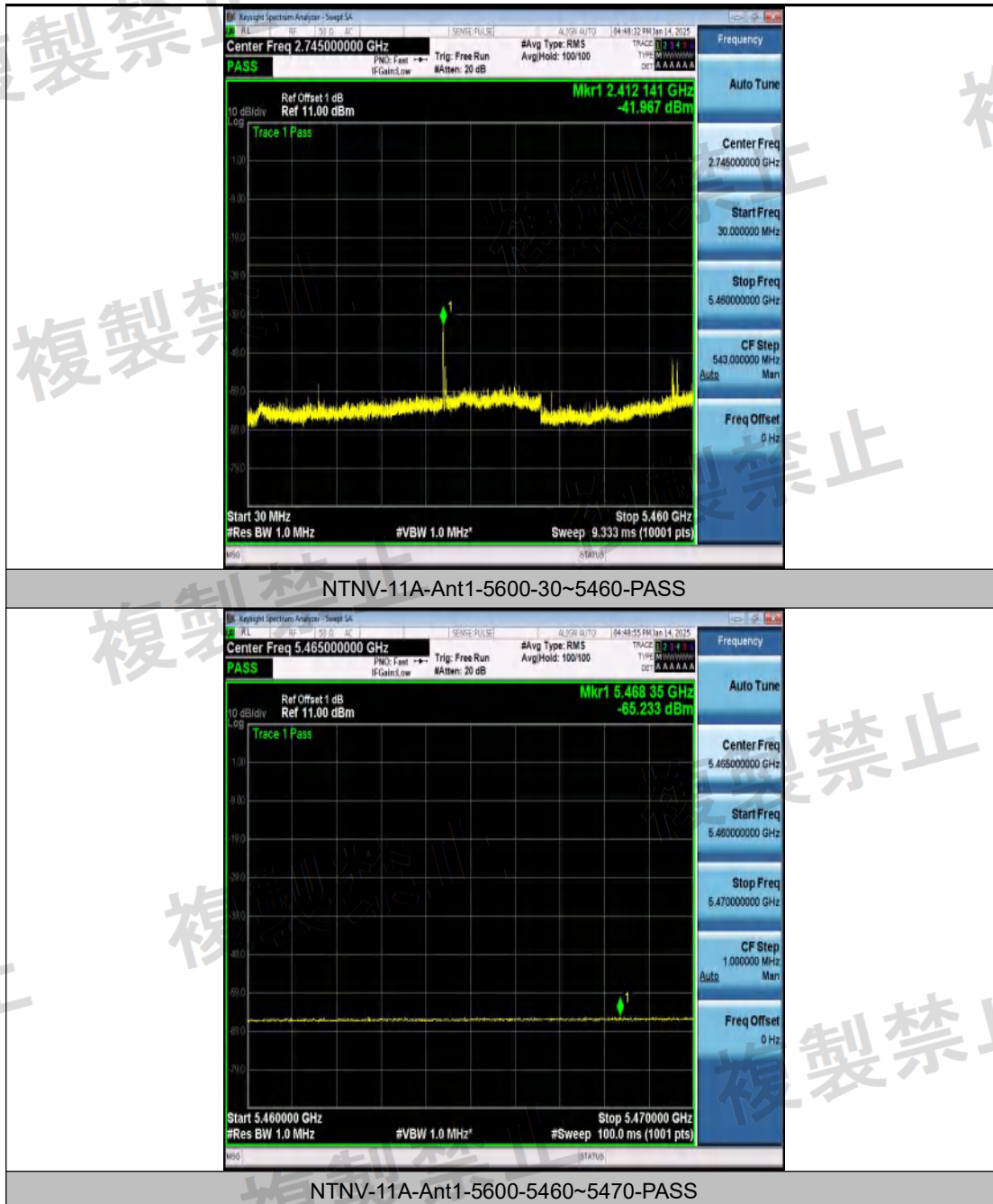


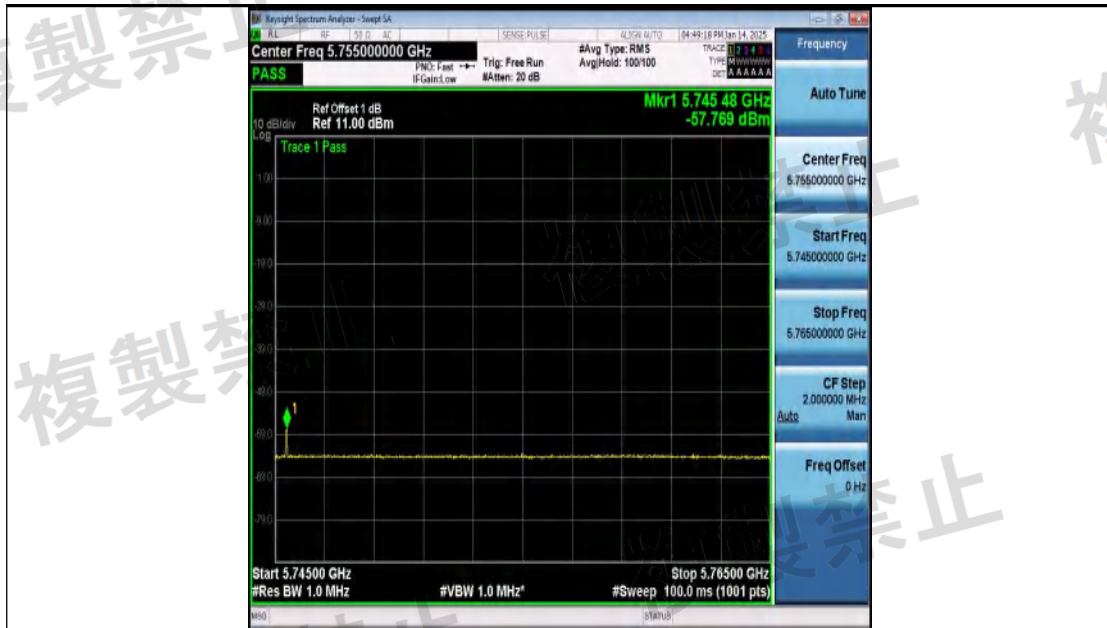
NTNV-11A-Ant1-5500-30~5460-PASS



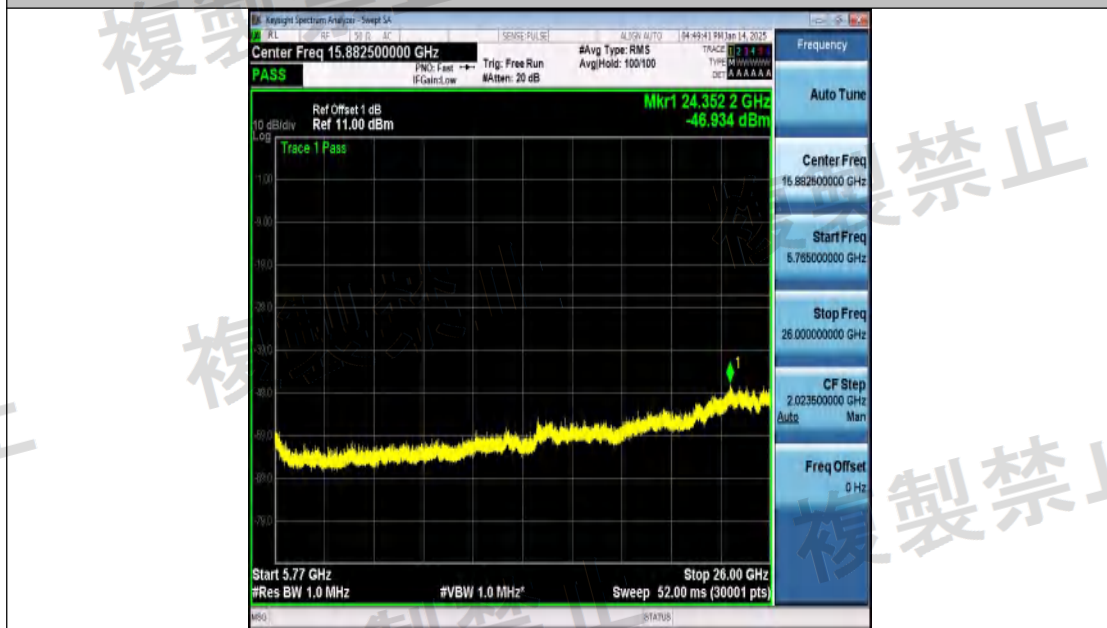
NTNV-11A-Ant1-5500-5460~5470-PASS



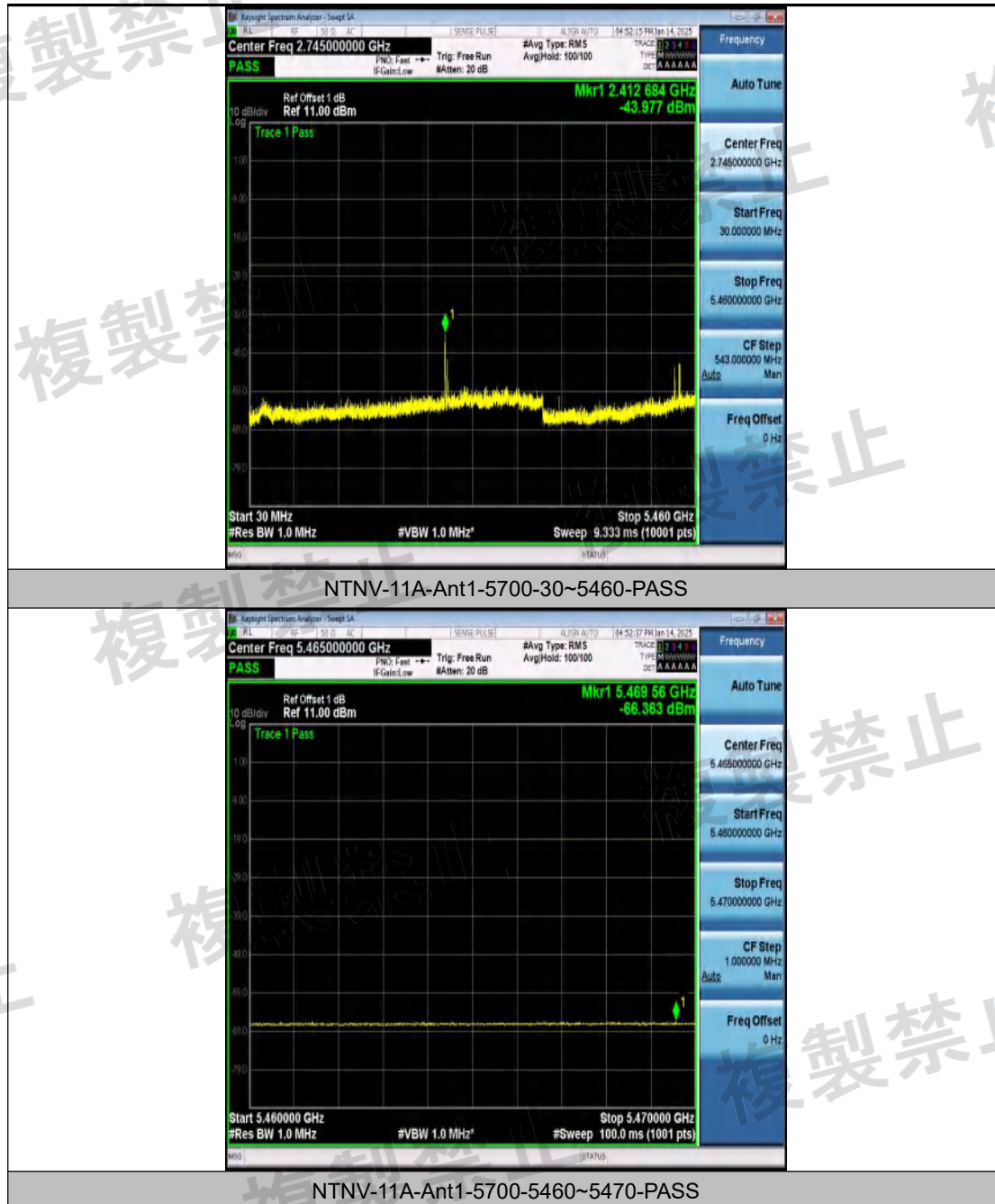


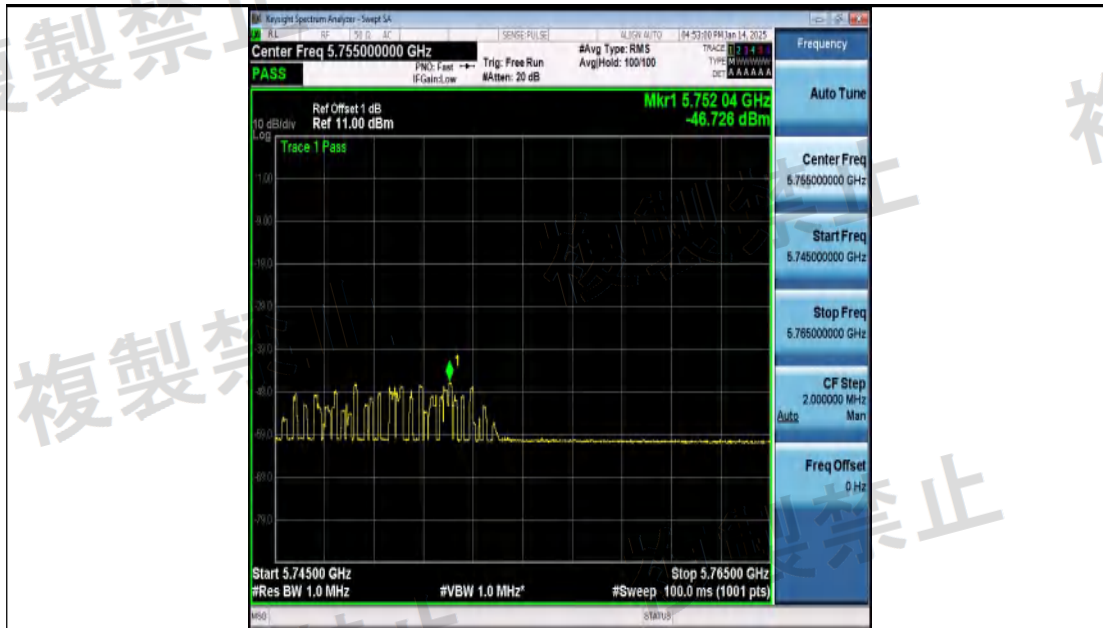


NTNV-11A-Ant1-5600-5745~5765-PASS

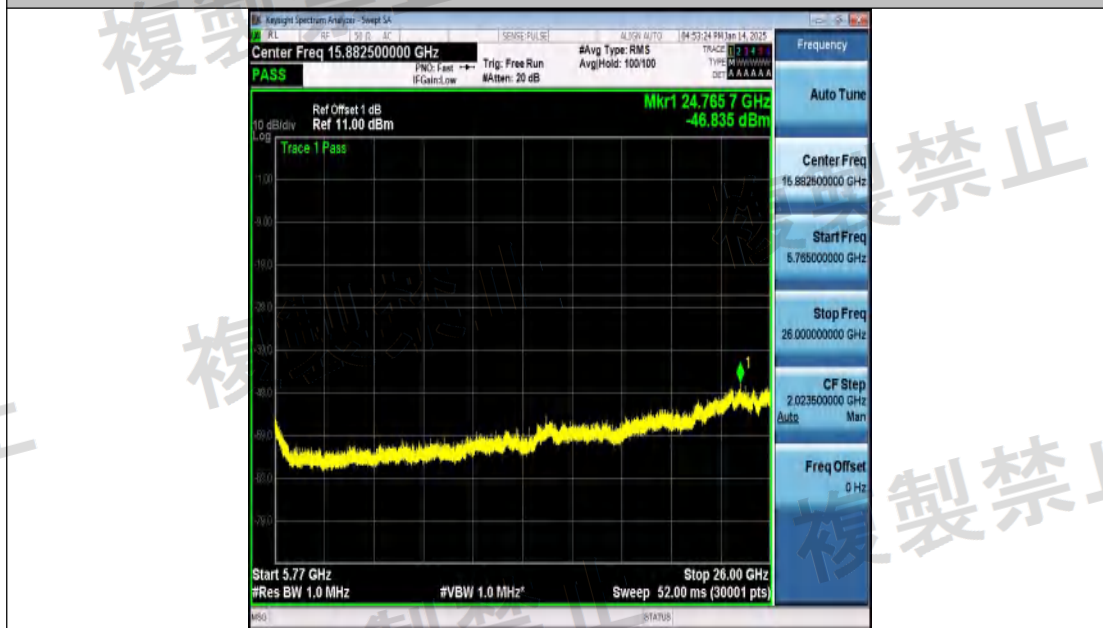


NTNV-11A-Ant1-5600-5765~26000-PASS

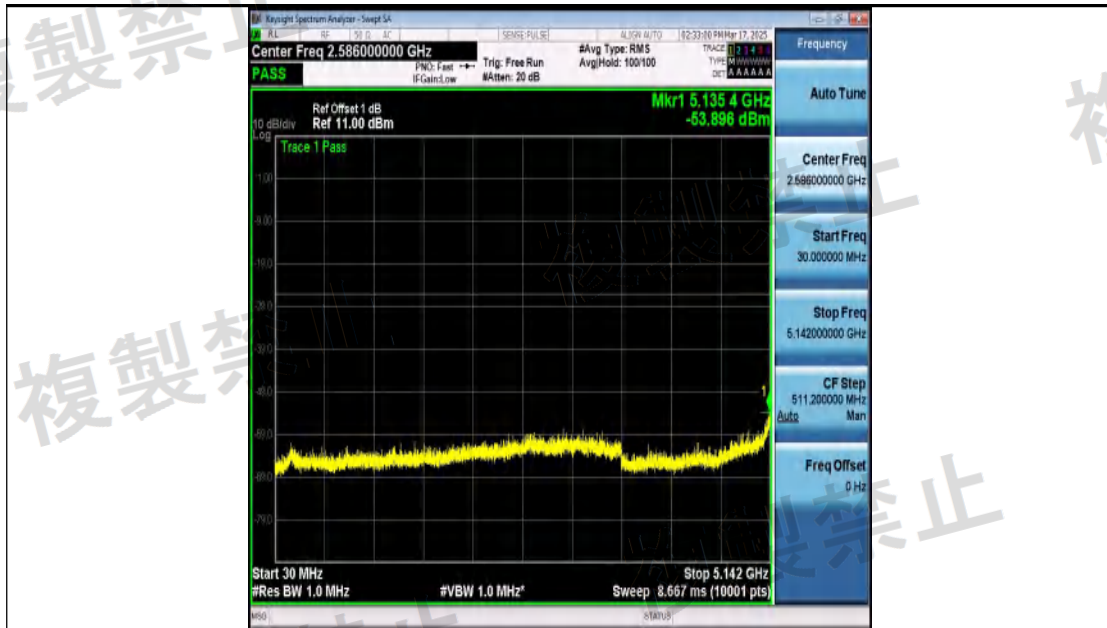




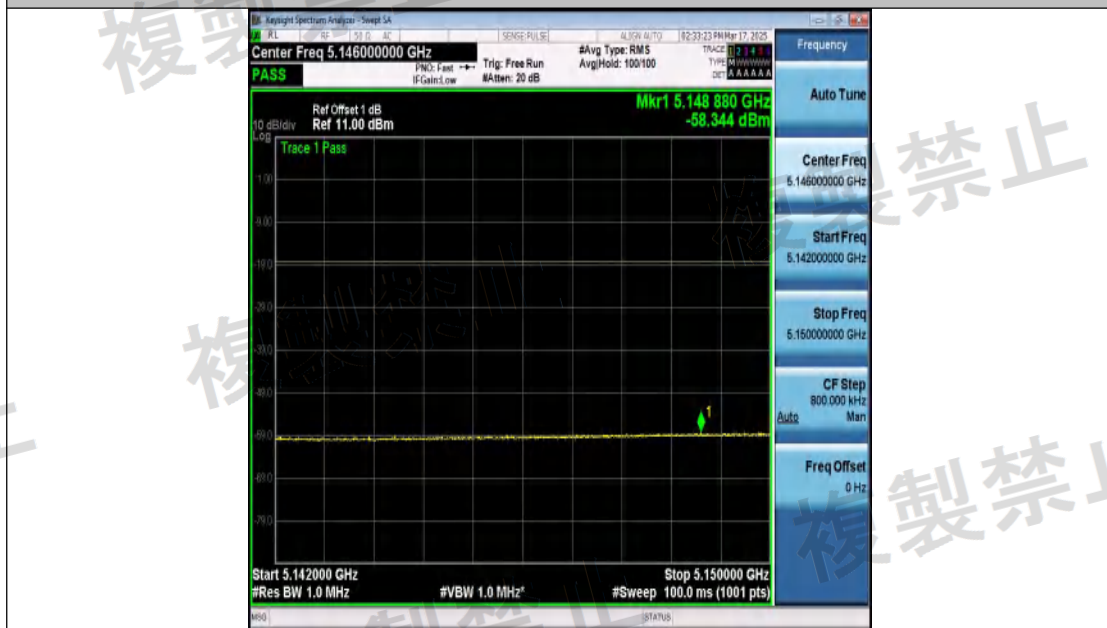
NTNV-11A-Ant1-5700-5745~5765-PASS



NTNV-11A-Ant1-5700-5765~26000-PASS

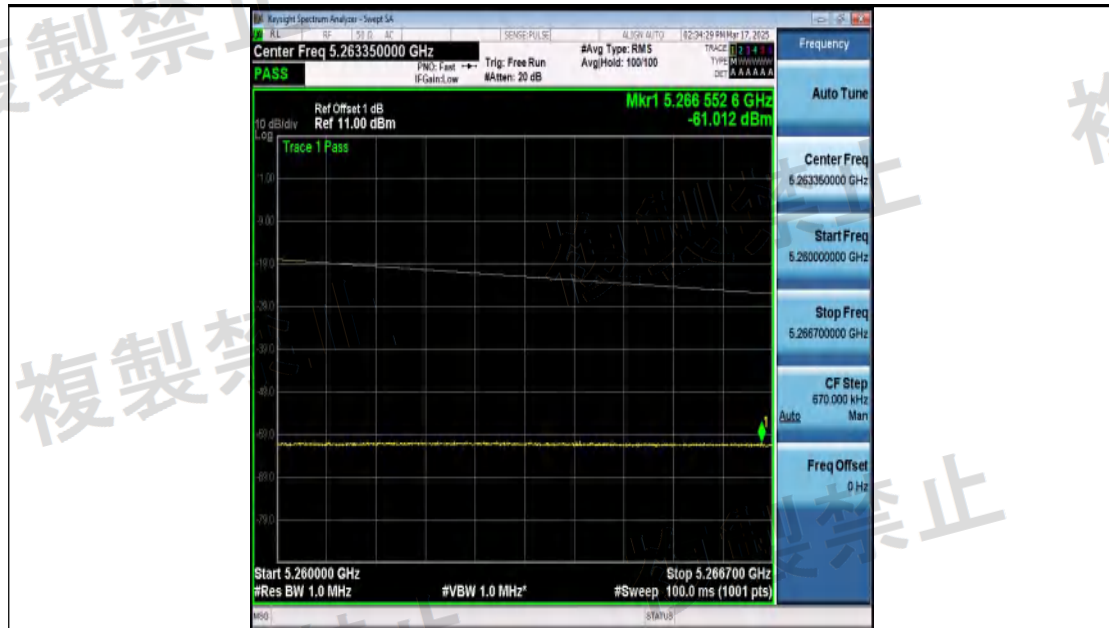


NTNV-11N20SISO-Ant1-5180-30~5142-PASS

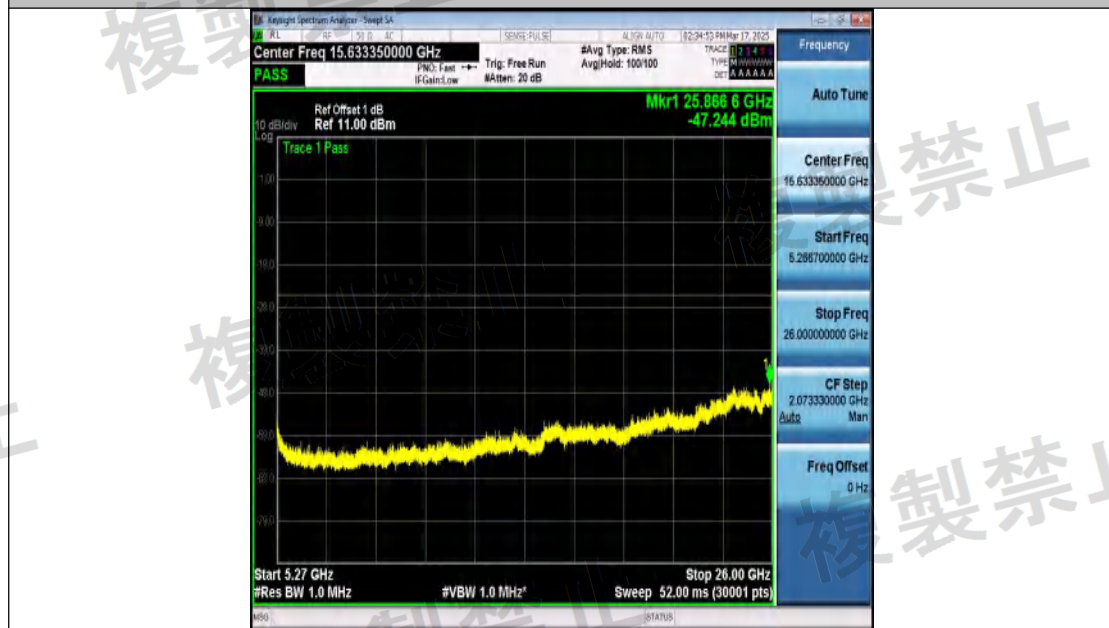


NTNV-11N20SISO-Ant1-5180-5142~5150-PASS

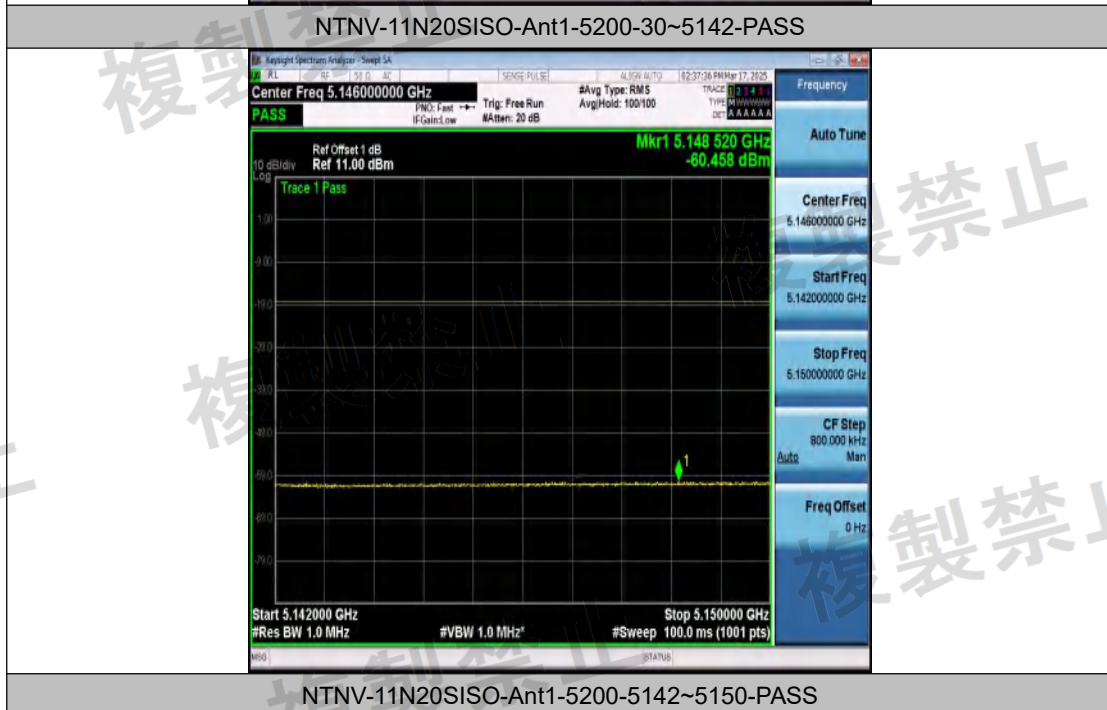
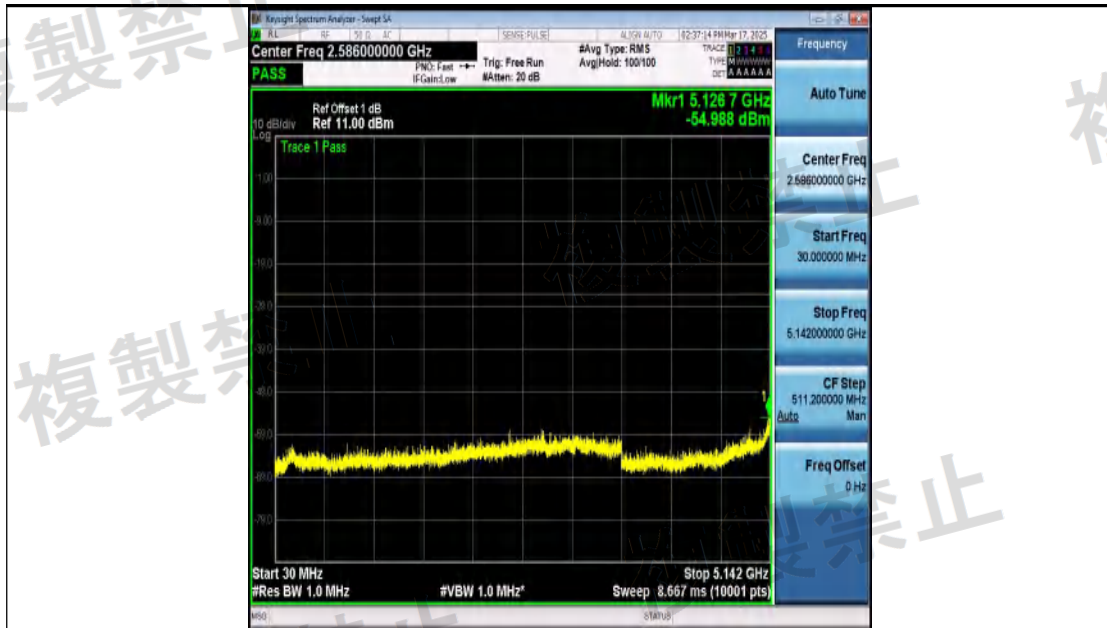


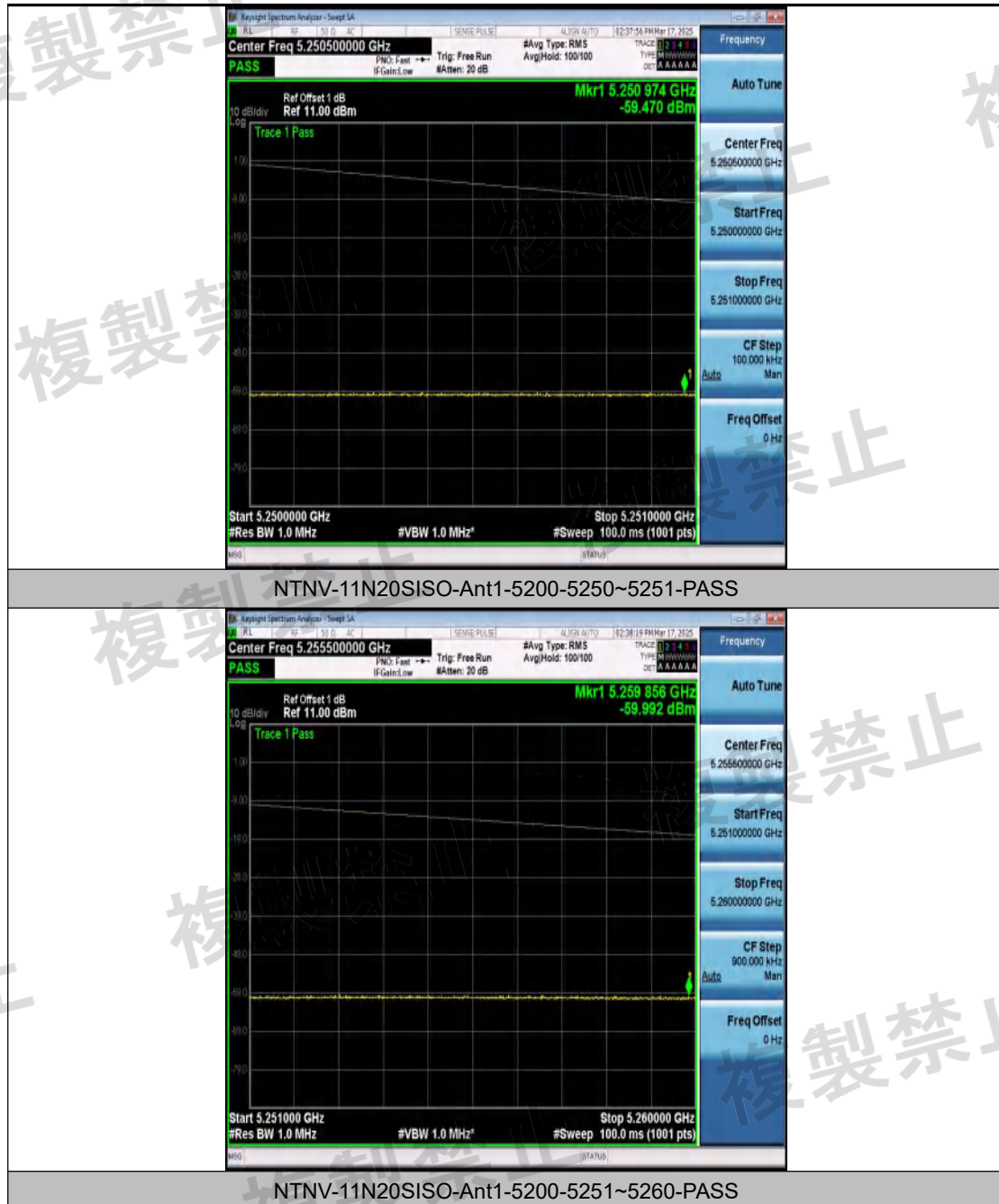


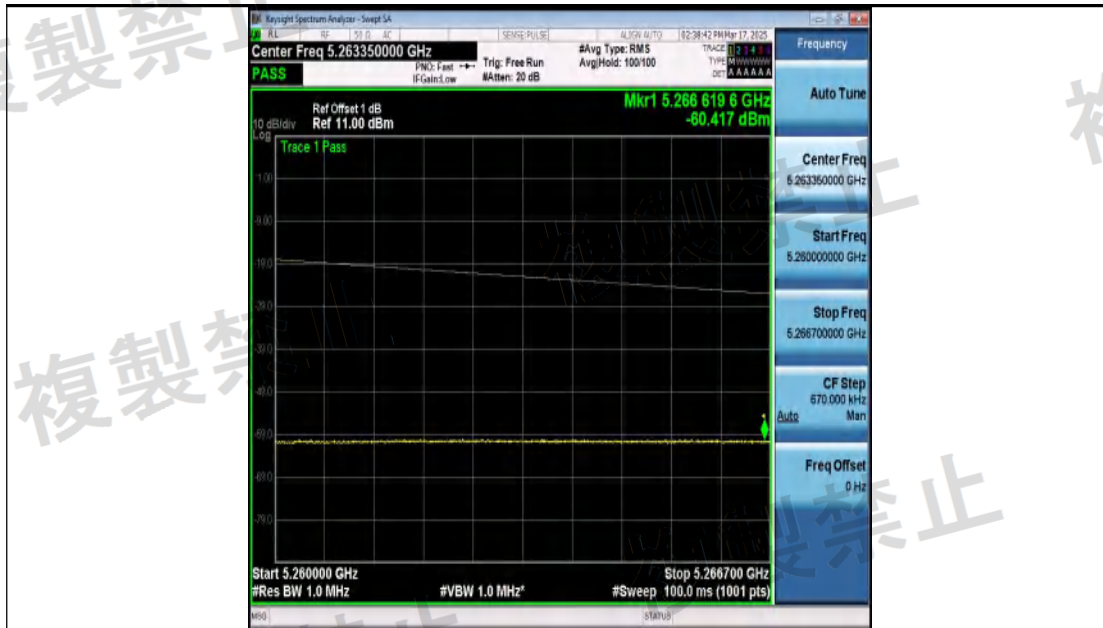
NTNV-11N20SISO-Ant1-5180-5260~5266.7-PASS



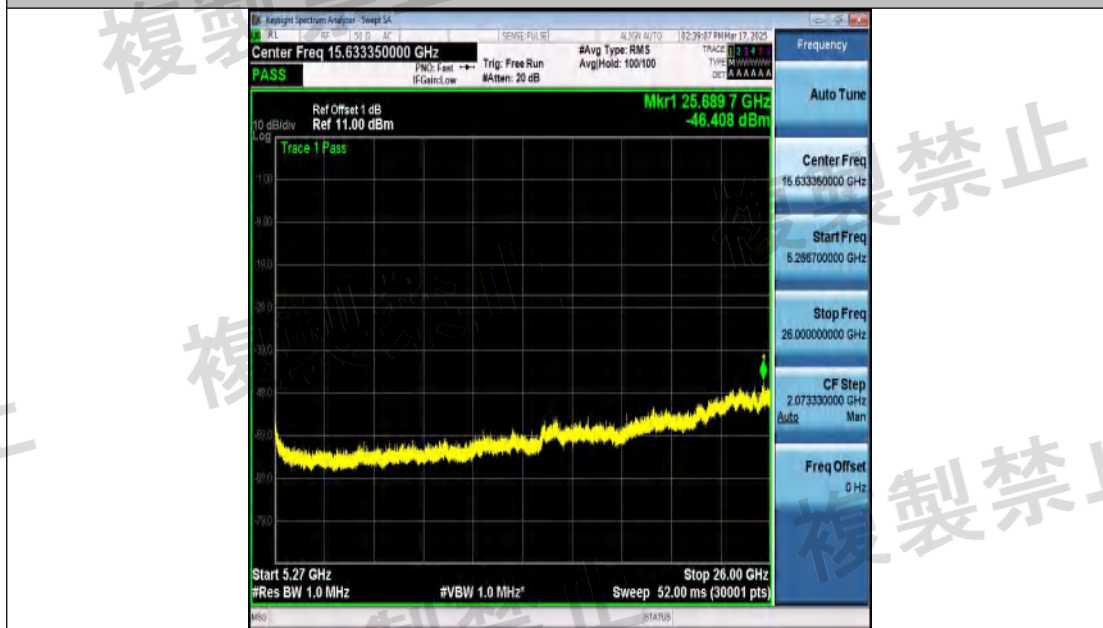
NTNV-11N20SISO-Ant1-5180-5266.7~26000-PASS



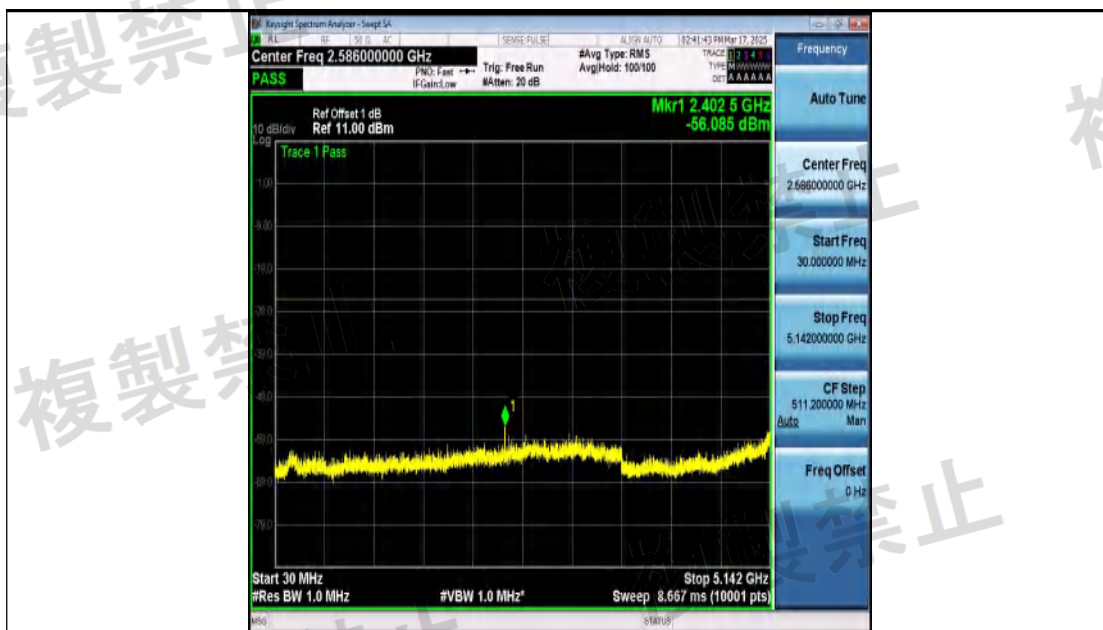




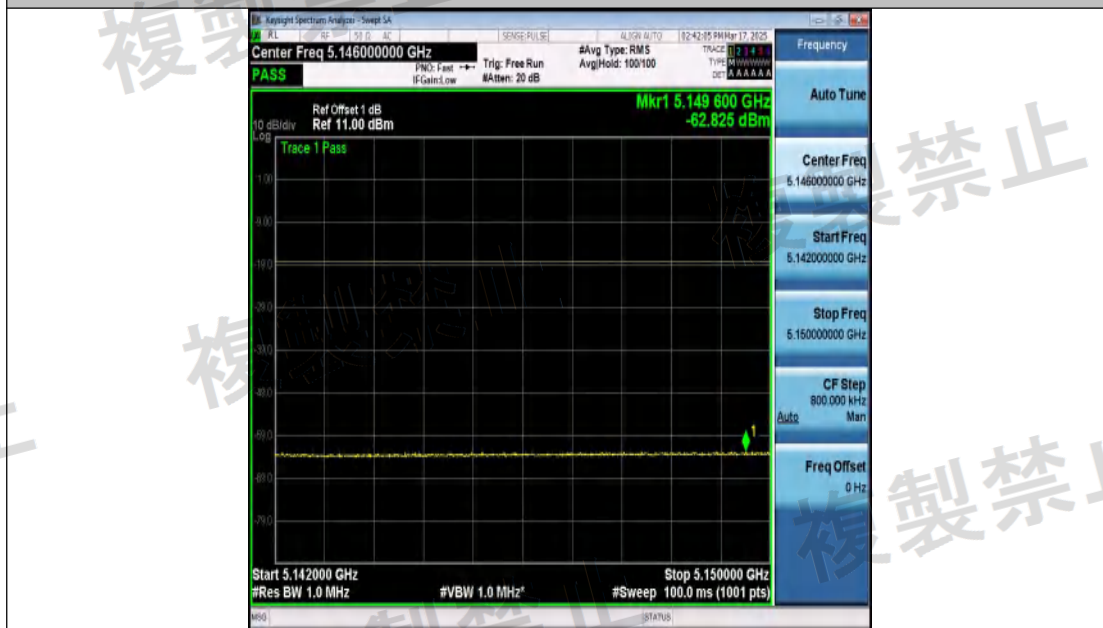
NTNV-11N20SISO-Ant1-5200-5260~5266.7-PASS



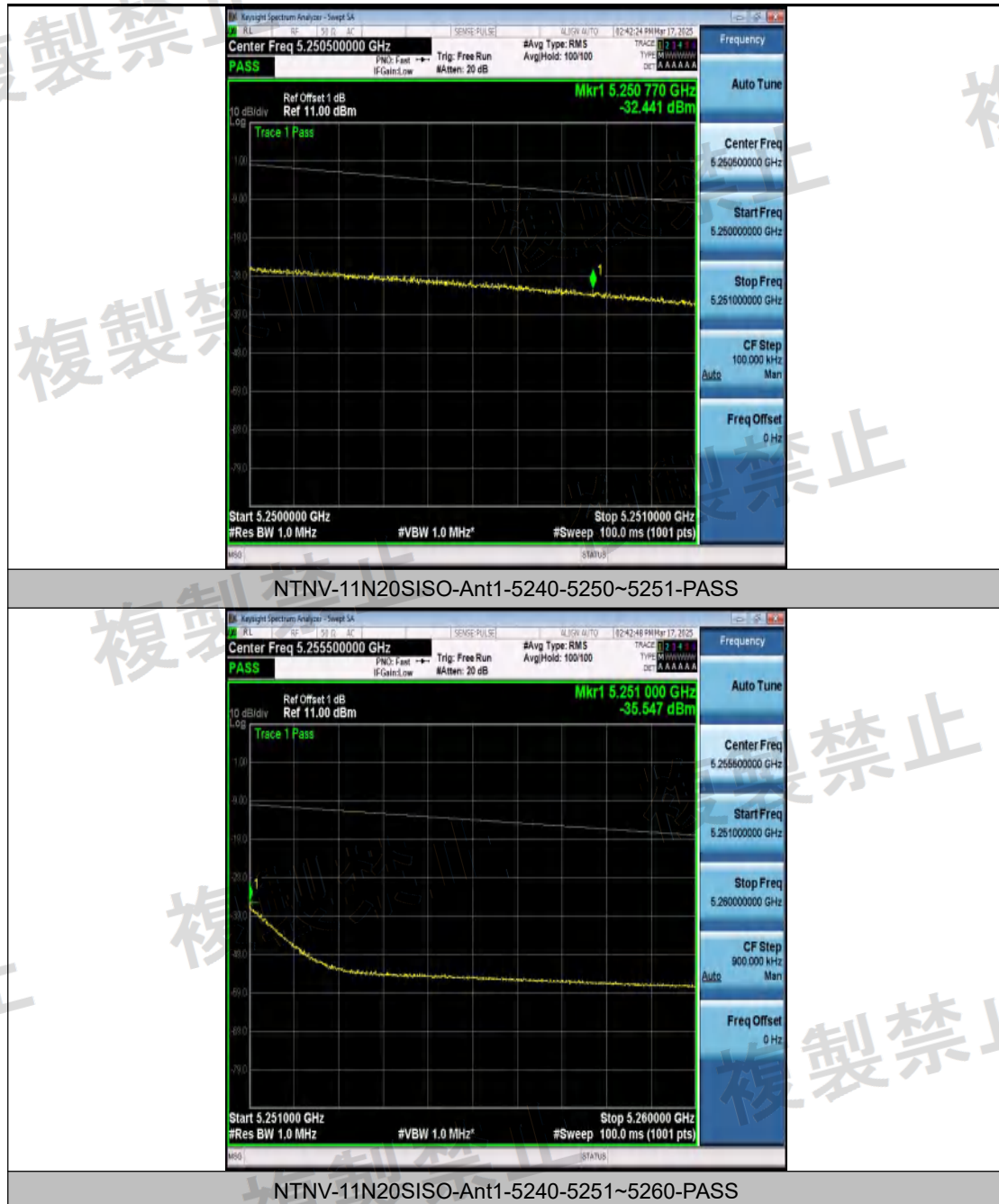
NTNV-11N20SISO-Ant1-5200-5266.7~26000-PASS

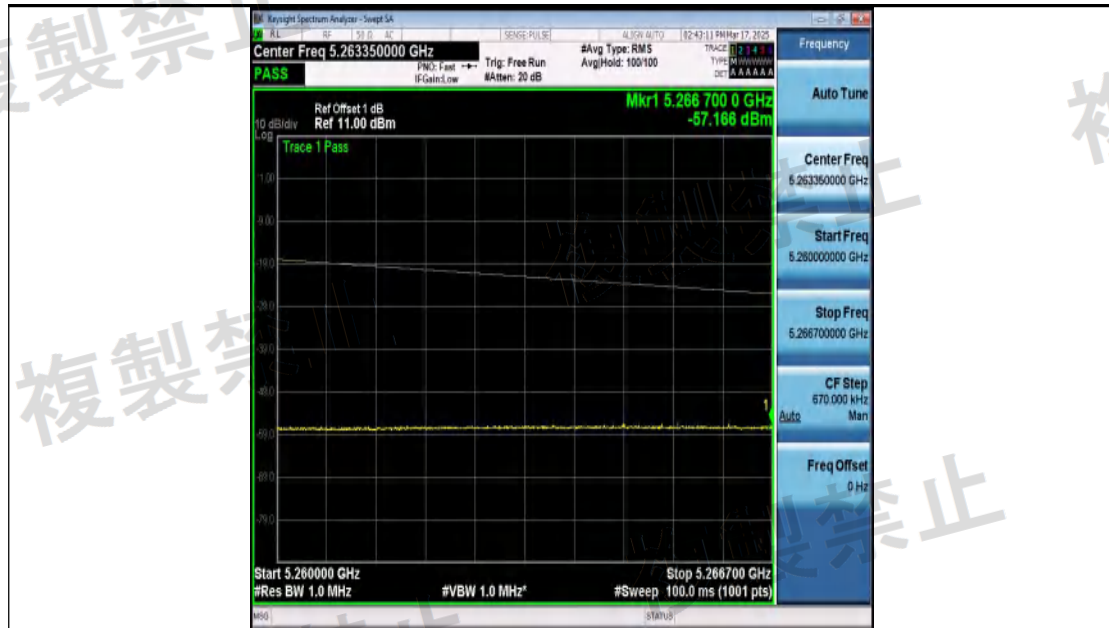


NTNV-11N20SISO-Ant1-5240-30~5142-PASS

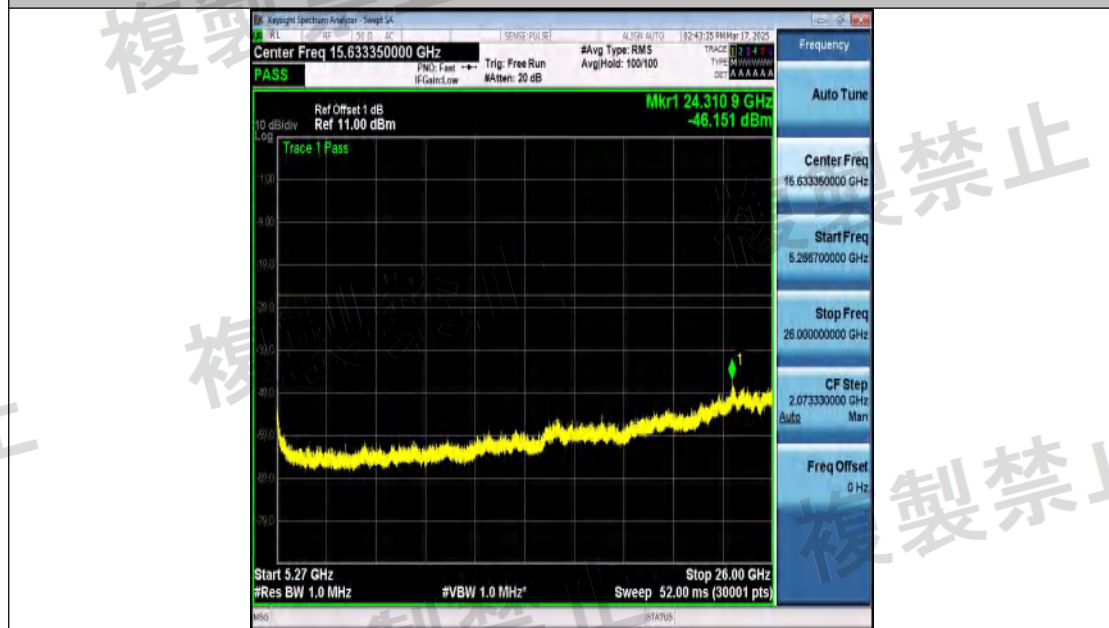


NTNV-11N20SISO-Ant1-5240-5142~5150-PASS

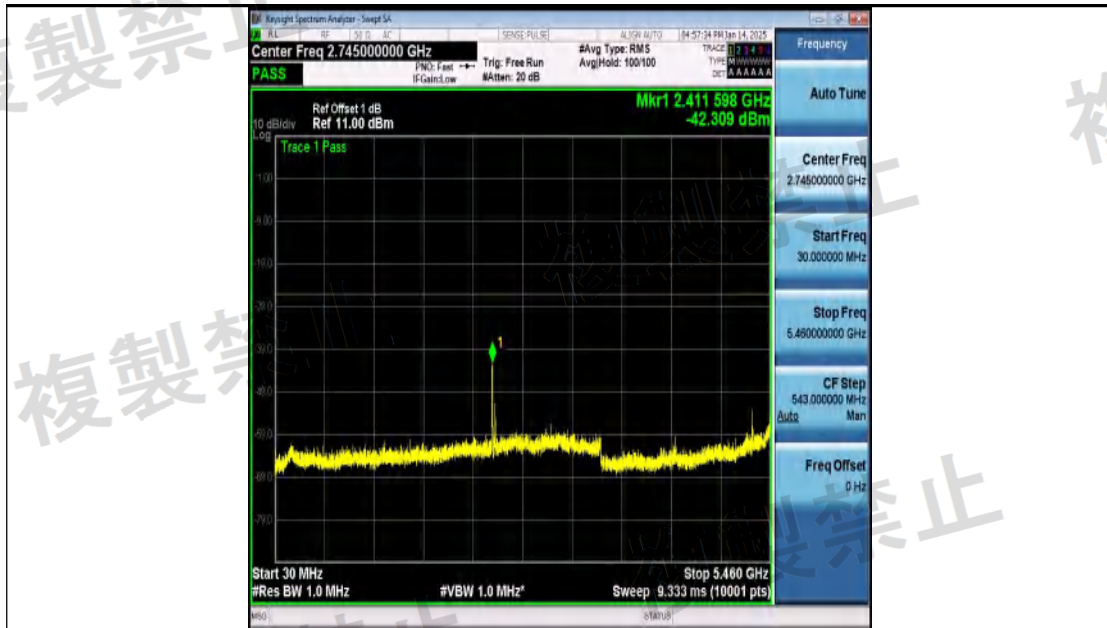




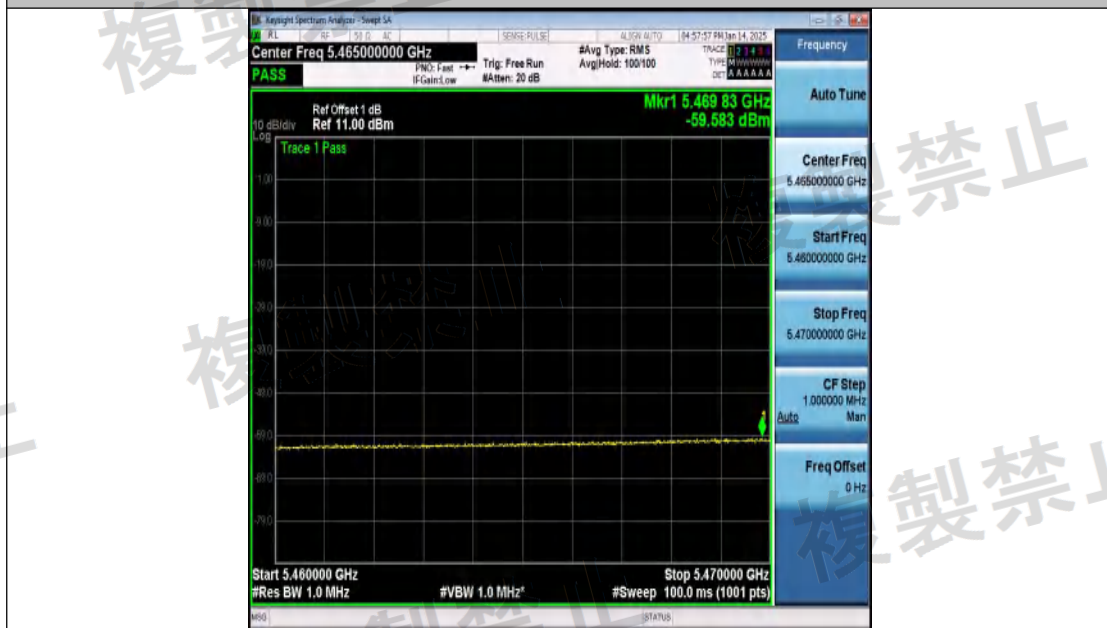
NTNV-11N20SISO-Ant1-5240-5260~5266.7-PASS



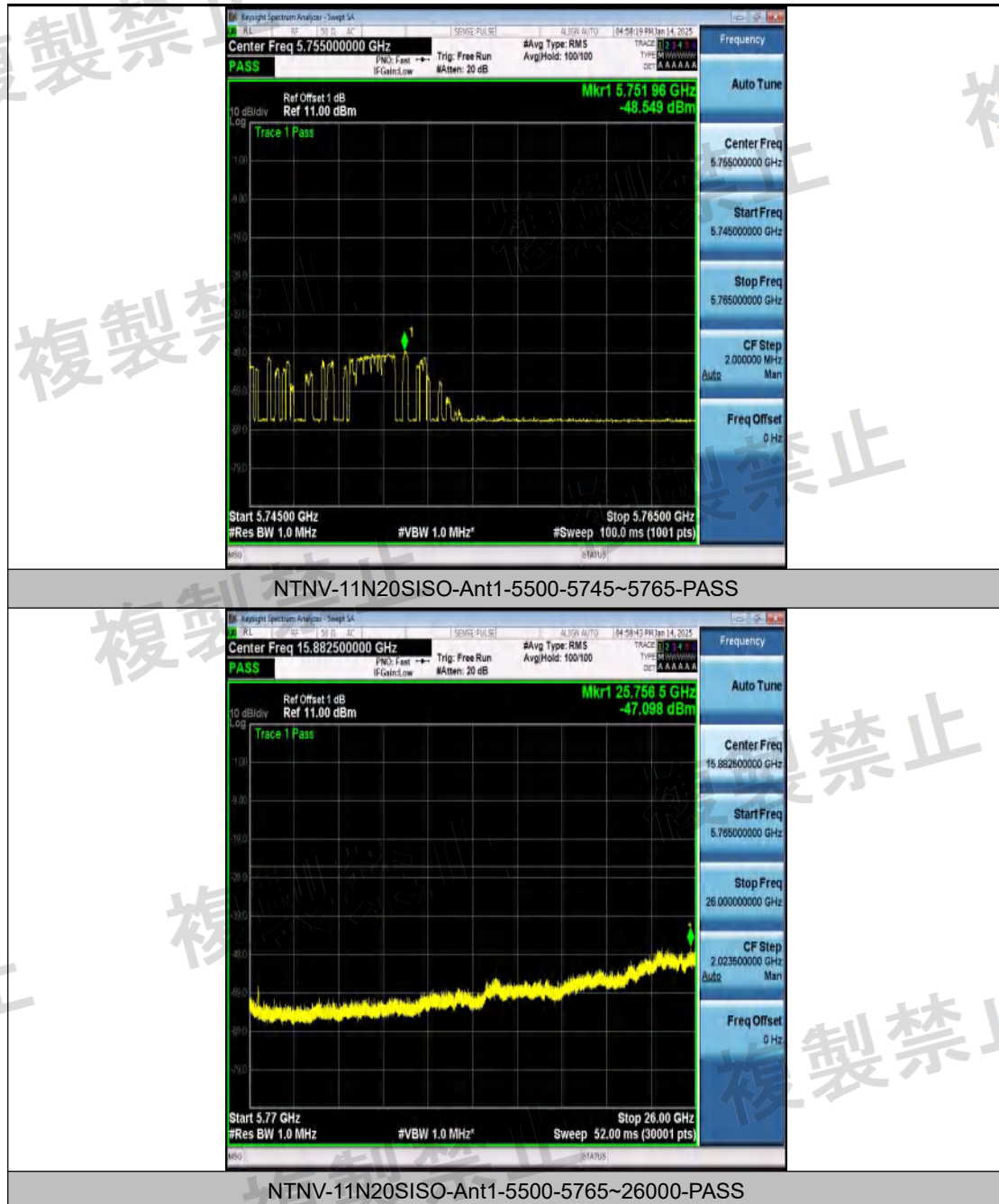
NTNV-11N20SISO-Ant1-5240-5266.7~26000-PASS

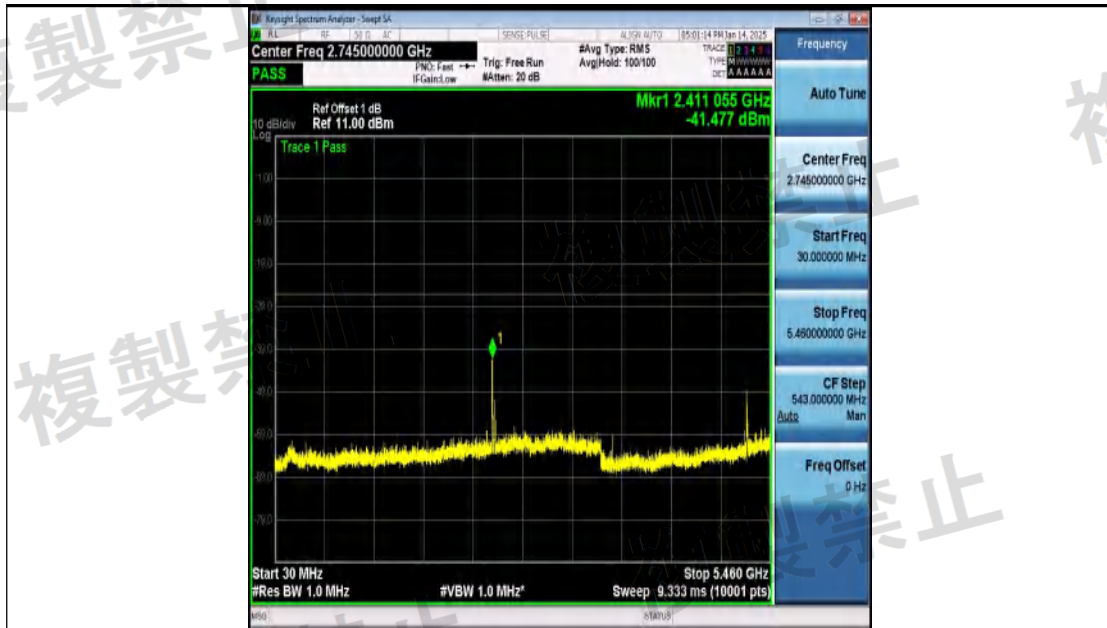


NTNV-11N20SISO-Ant1-5500-30~5460-PASS

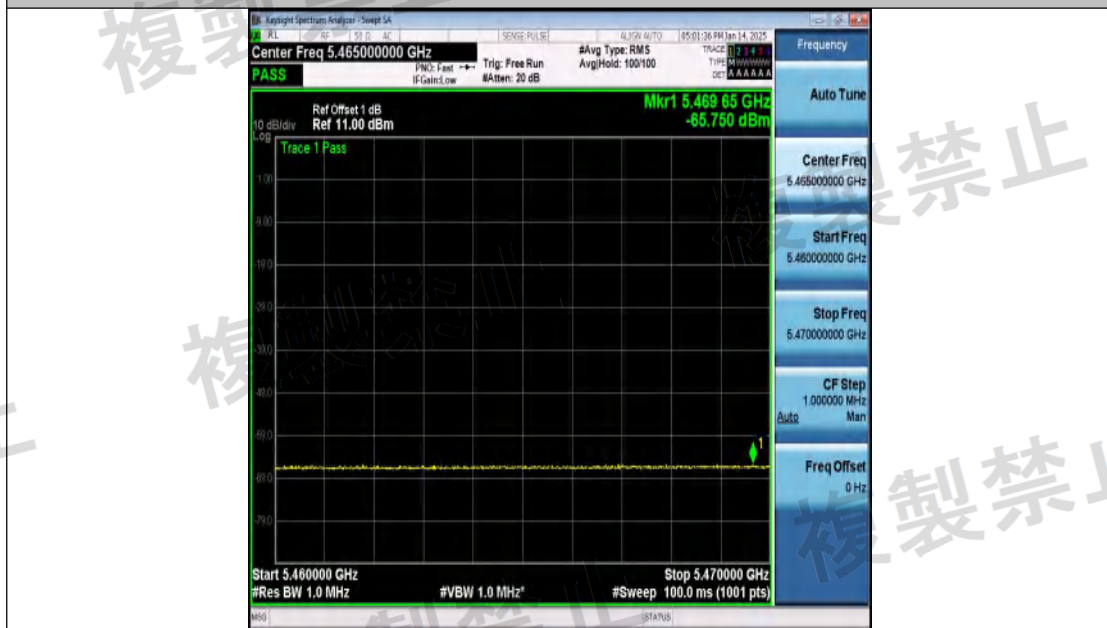


NTNV-11N20SISO-Ant1-5500-5460~5470-PASS



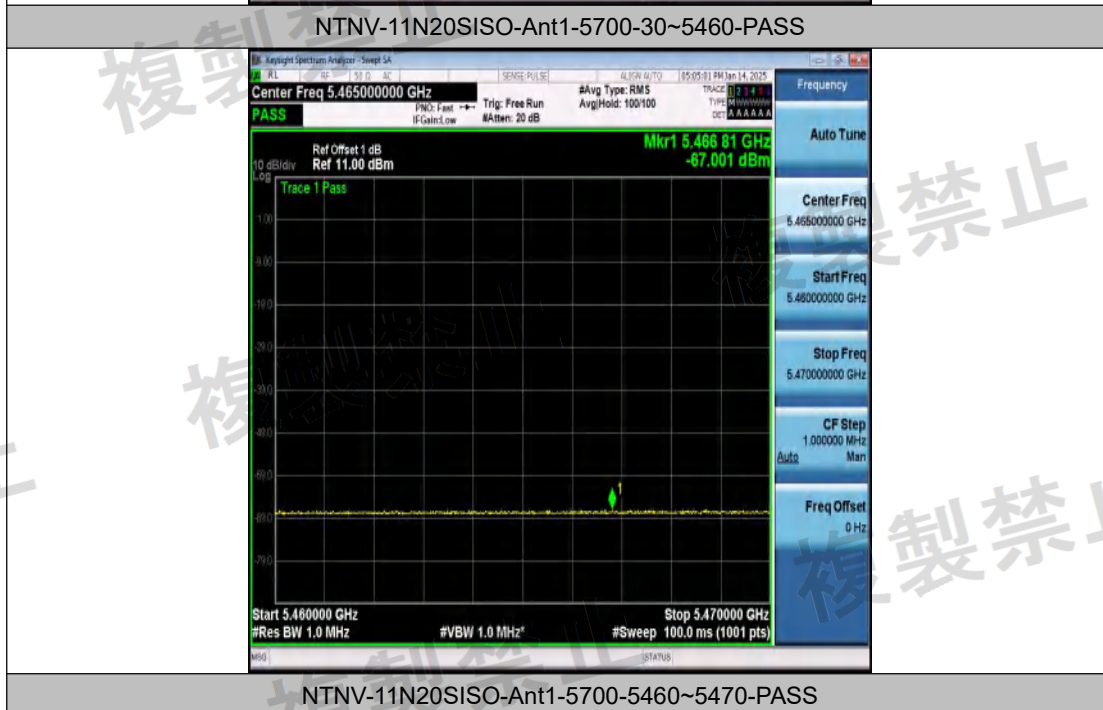
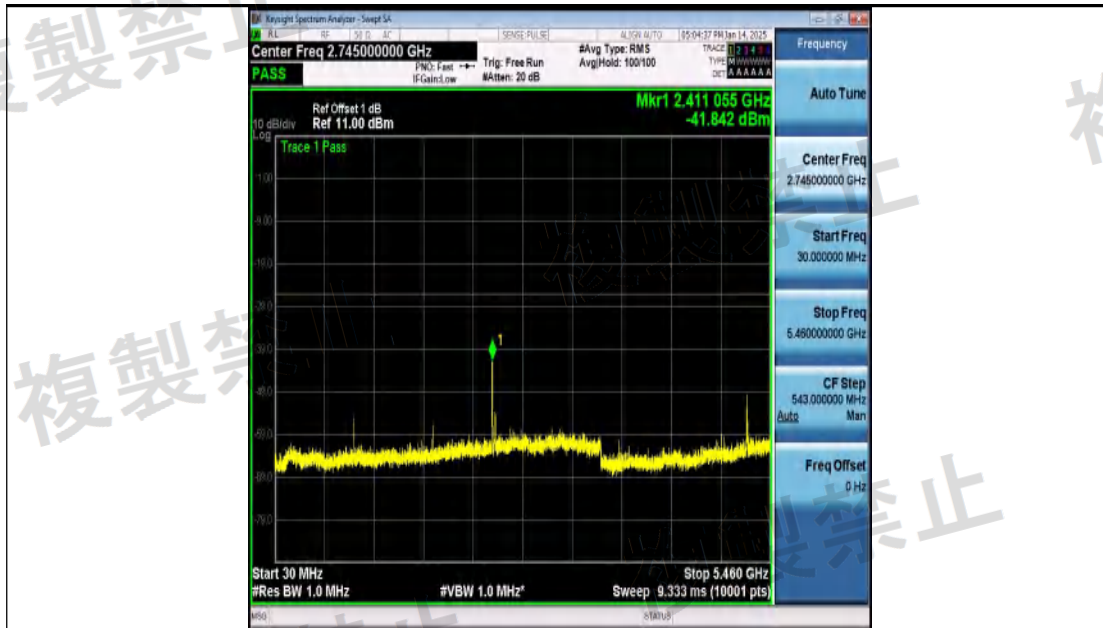


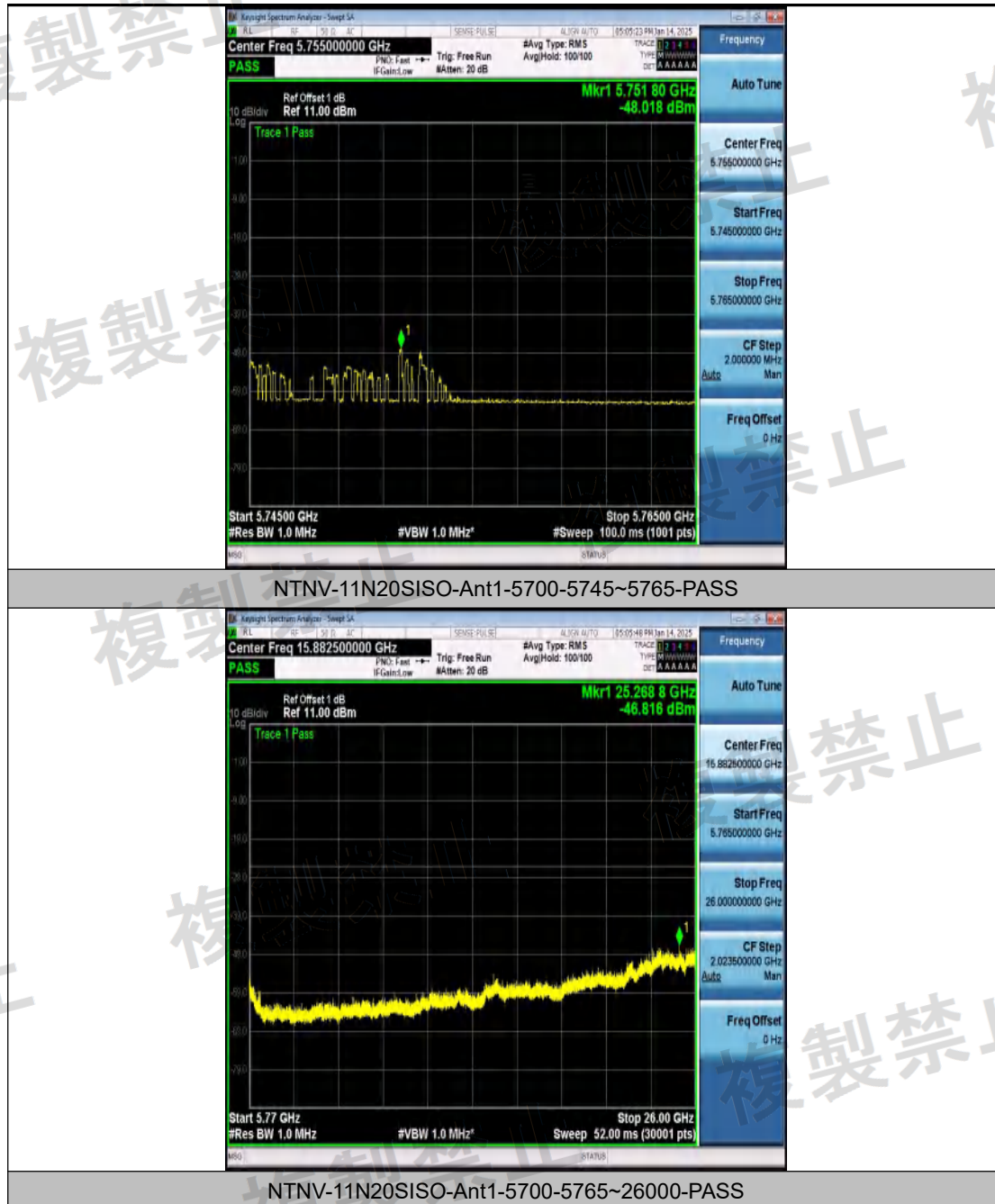
NTNV-11N20SISO-Ant1-5600-30~5460-PASS



NTNV-11N20SISO-Ant1-5600-5460~5470-PASS







Appendix E: Spurious Emission of RX

Test Result

Test Condition	Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	11A	Ant1	5180	30~1000	213.82	-96.18	≤-54	0.00024	≤4	PASS
NTNV	11A	Ant1	5180	1000~26000	24680.00	-69.56	≤-47	0.11066	≤20	PASS
NTNV	11A	Ant1	5200	30~1000	208.00	-95.92	≤-54	0.00026	≤4	PASS
NTNV	11A	Ant1	5200	1000~26000	25927.50	-69.62	≤-47	0.10914	≤20	PASS
NTNV	11A	Ant1	5240	30~1000	212.85	-95.85	≤-54	0.00026	≤4	PASS
NTNV	11A	Ant1	5240	1000~26000	25838.75	-68.71	≤-47	0.13459	≤20	PASS
NTNV	11A	Ant1	5500	30~1000	215.27	-95.43	≤-54	0.00029	≤4	PASS
NTNV	11A	Ant1	5500	1000~26000	25838.75	-69.25	≤-47	0.11885	≤20	PASS
NTNV	11A	Ant1	5600	30~1000	215.76	-94.92	≤-54	0.00032	≤4	PASS
NTNV	11A	Ant1	5600	1000~26000	24383.75	-69.27	≤-47	0.11830	≤20	PASS
NTNV	11A	Ant1	5700	30~1000	209.94	-95.78	≤-54	0.00026	≤4	PASS
NTNV	11A	Ant1	5700	1000~26000	24383.75	-68.67	≤-47	0.13583	≤20	PASS
NTNV	11N20SI SO	Ant1	5180	30~1000	197.33	-96.48	≤-54	0.00022	≤4	PASS
NTNV	11N20SI SO	Ant1	5180	1000~26000	24718.75	-69.65	≤-47	0.10839	≤20	PASS
NTNV	11N20SI SO	Ant1	5200	30~1000	231.76	-96.24	≤-54	0.00024	≤4	PASS
NTNV	11N20SI SO	Ant1	5200	1000~26000	24311.25	-69.88	≤-47	0.10280	≤20	PASS
NTNV	11N20SI SO	Ant1	5240	30~1000	192.96	-96.02	≤-54	0.00025	≤4	PASS
NTNV	11N20SI SO	Ant1	5240	1000~26000	25905.00	-69.67	≤-47	0.10789	≤20	PASS
NTNV	11N20SI	Ant1	5500	30~1000	236.61	-95.63	≤-54	0.0002	≤4	PASS



	SO							7		
NTNV	11N20SI SO	Ant1	5500	1000~26000	5738.7 5	-68.48	≤-47	0.1419 1	≤20	PASS
NTNV	11N20SI SO	Ant1	5600	30~1000	186.17	-95.30	≤-54	0.0003 0	≤4	PASS
NTNV	11N20SI SO	Ant1	5600	1000~26000	24373. 75	-68.43	≤-47	0.1435 5	≤20	PASS
NTNV	11N20SI SO	Ant1	5700	30~1000	222.55	-95.22	≤-54	0.0003 0	≤4	PASS
NTNV	11N20SI SO	Ant1	5700	1000~26000	25252. 50	-69.23	≤-47	0.11940	≤20	PASS



Test Graphs

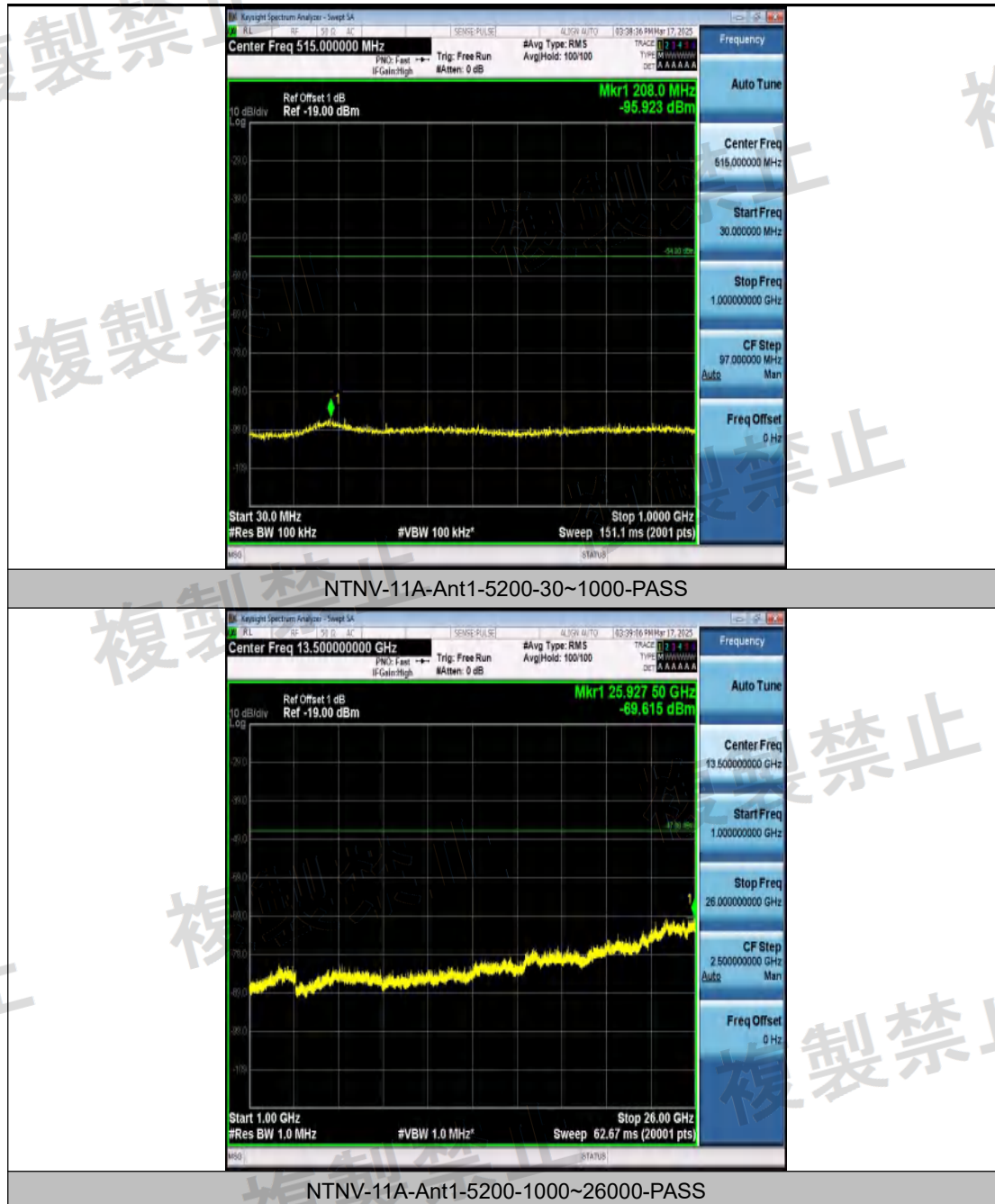


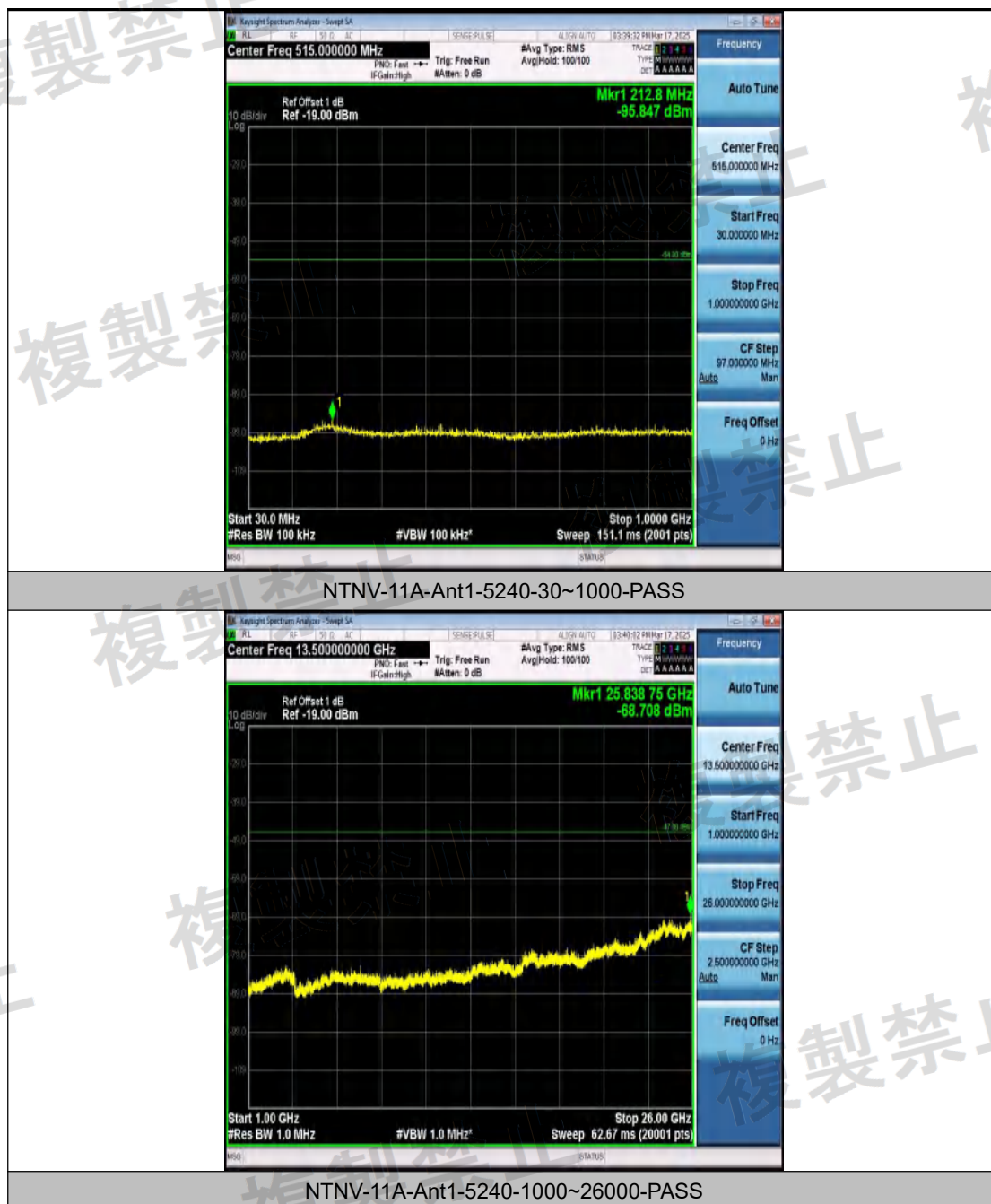
NTNV-11A-Ant1-5180-30~1000-PASS

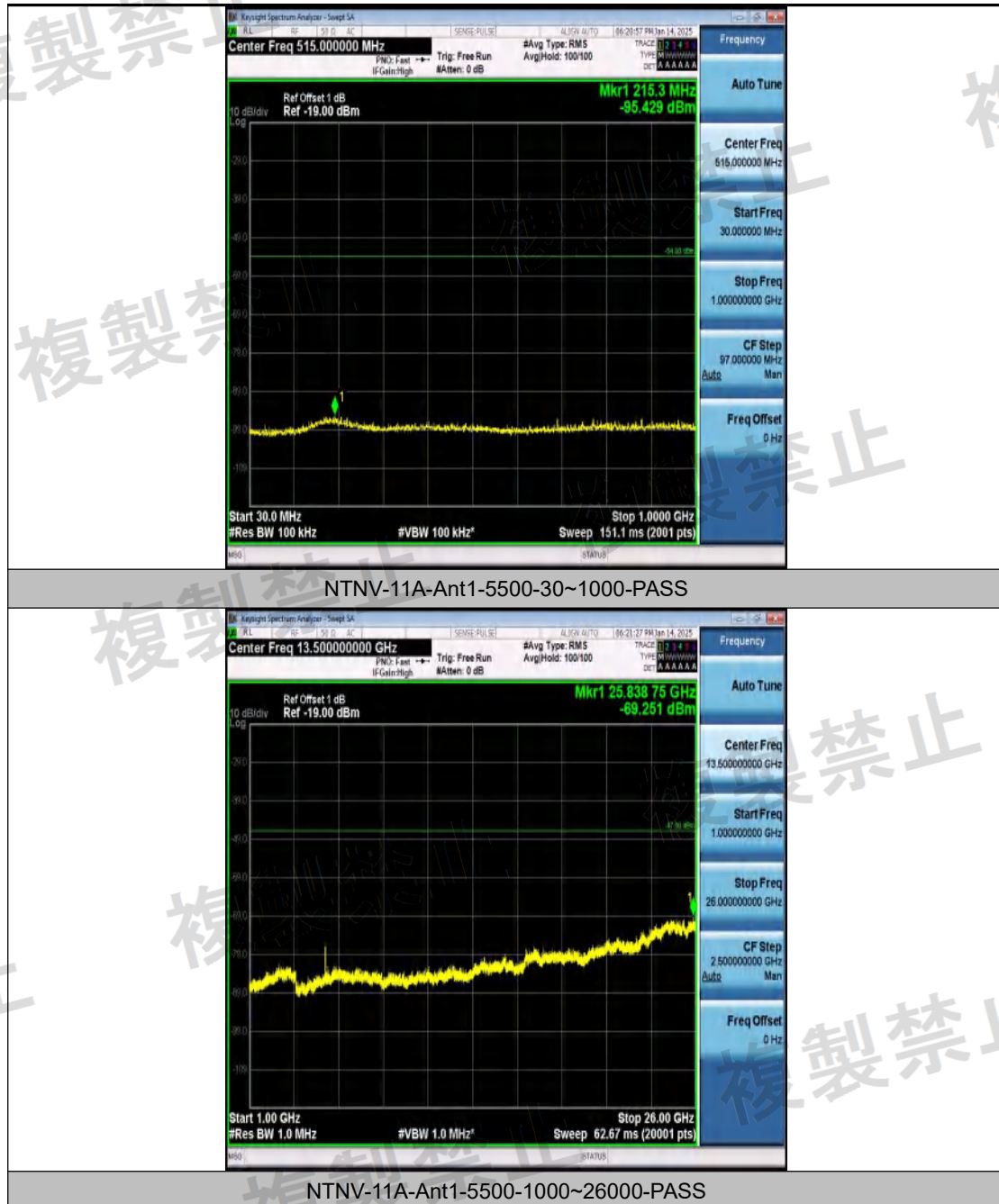


NTNV-11A-Ant1-5180-1000~26000-PASS

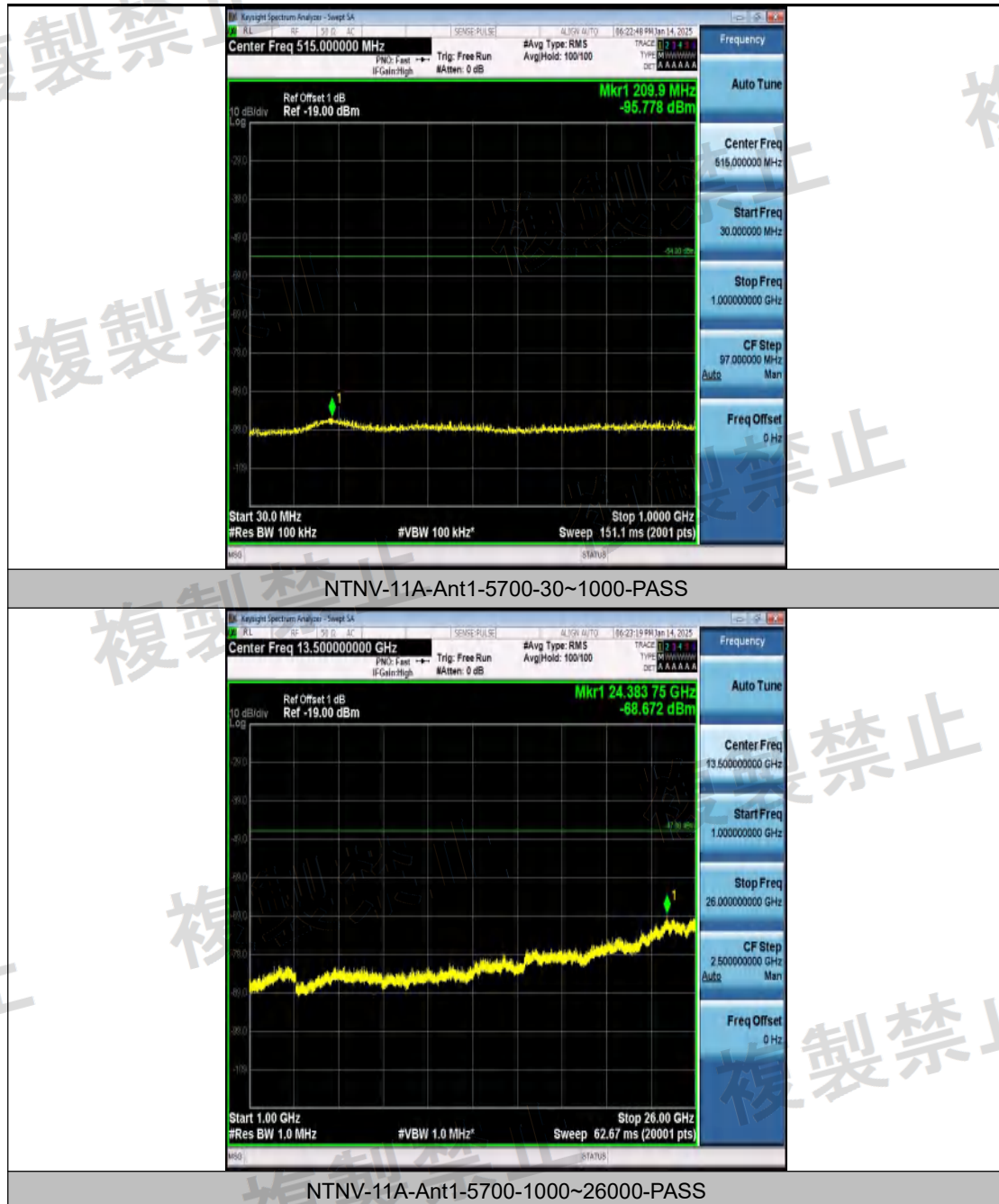


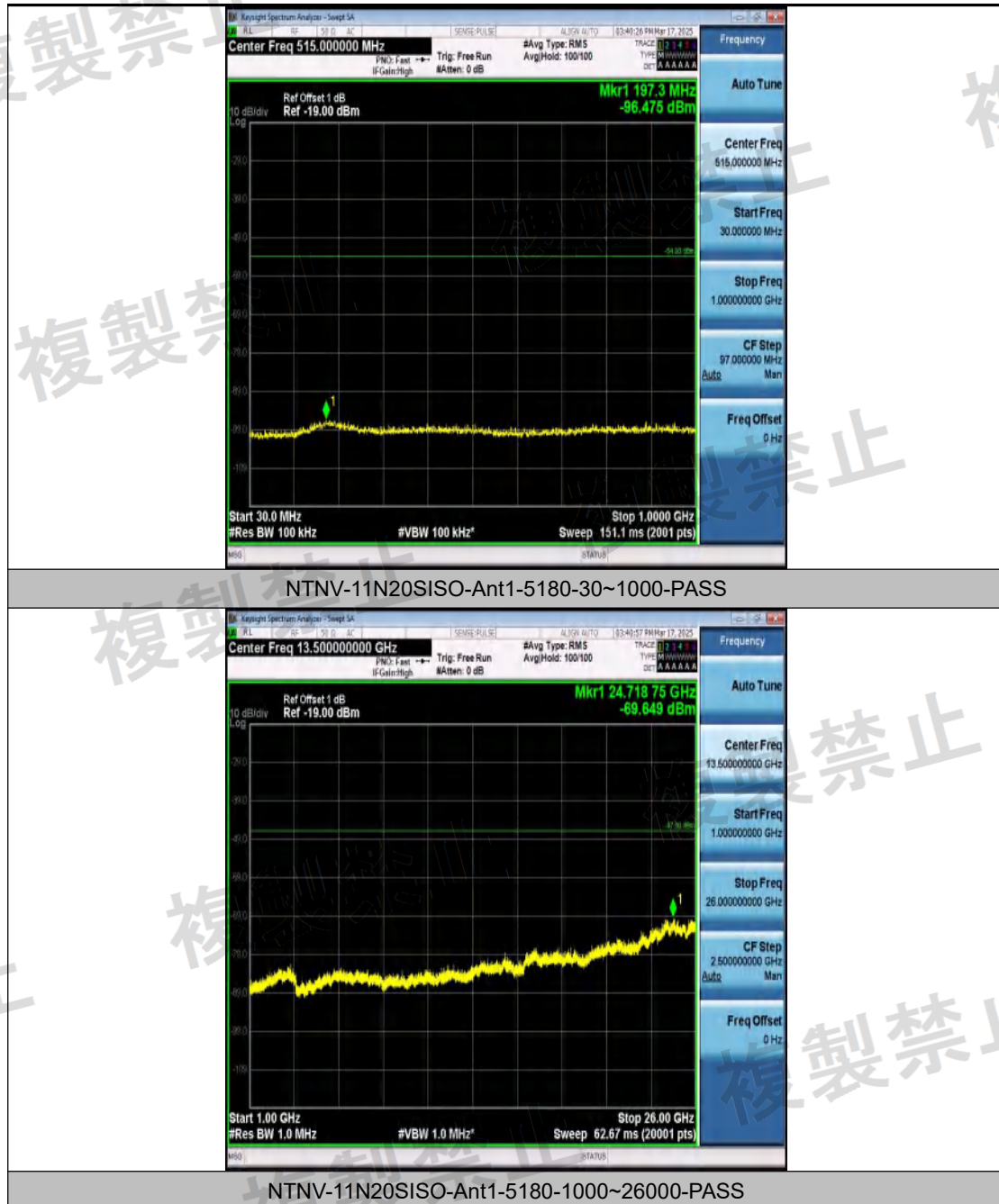


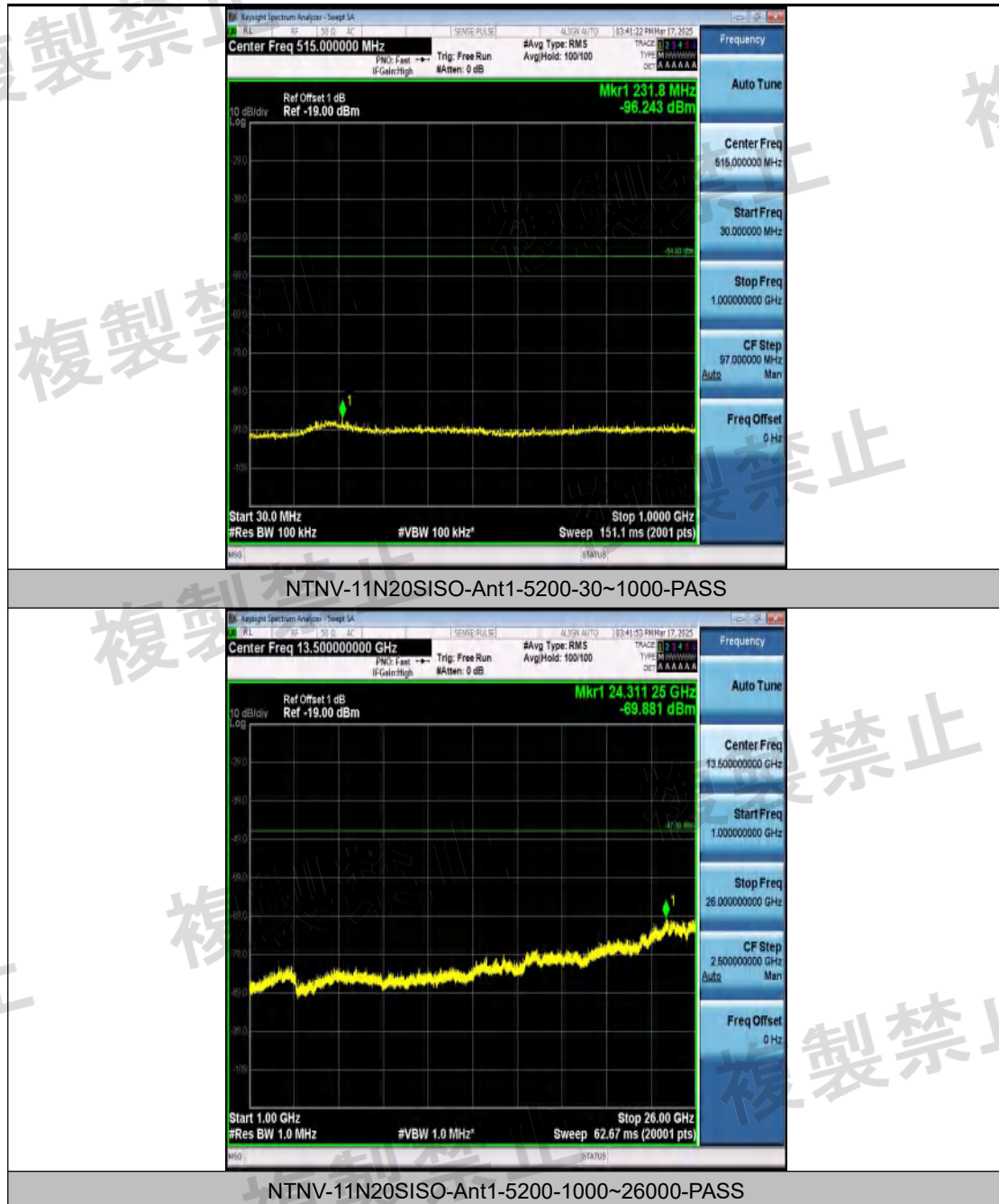


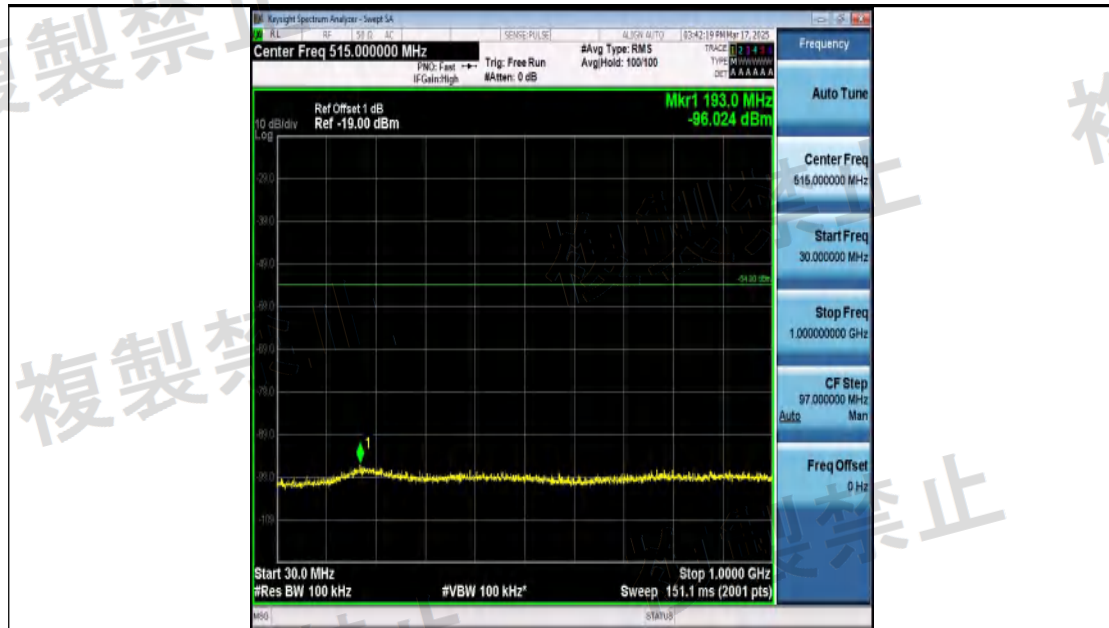




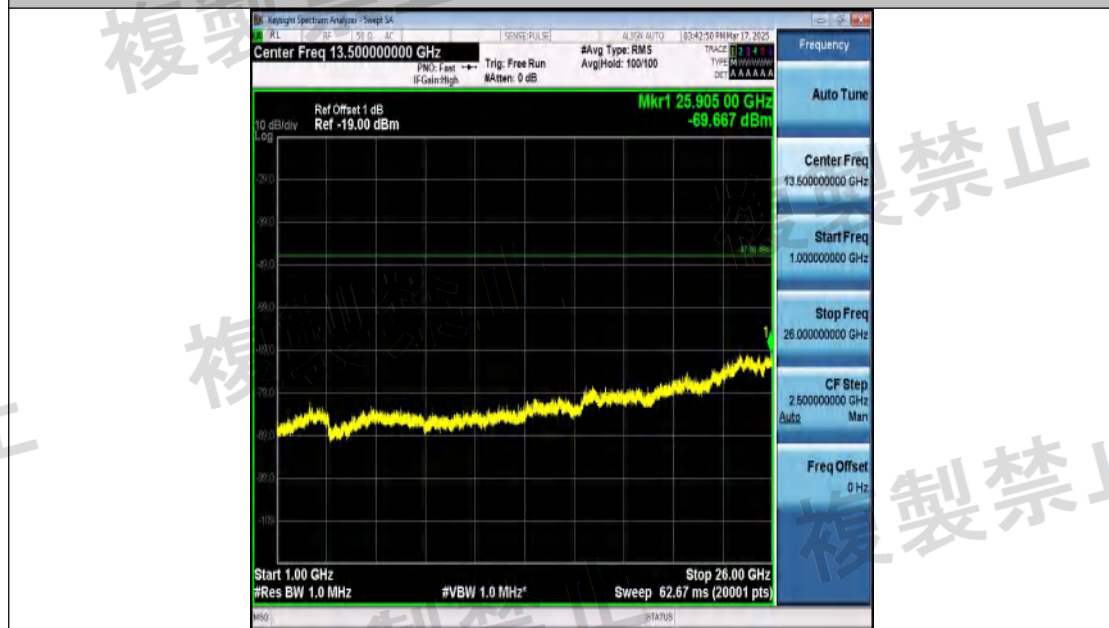




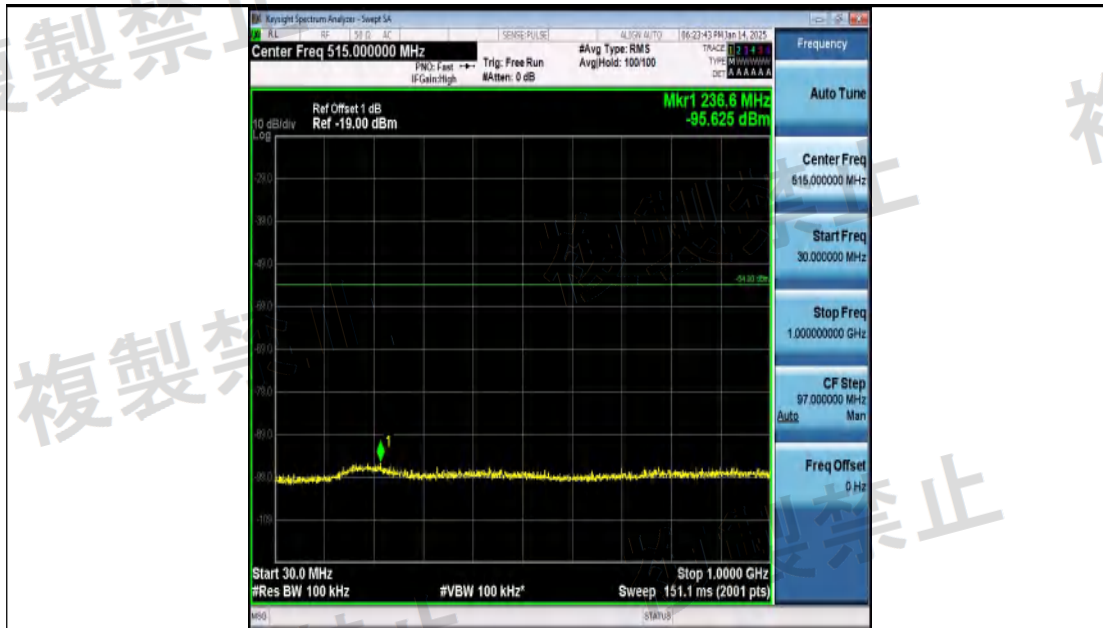




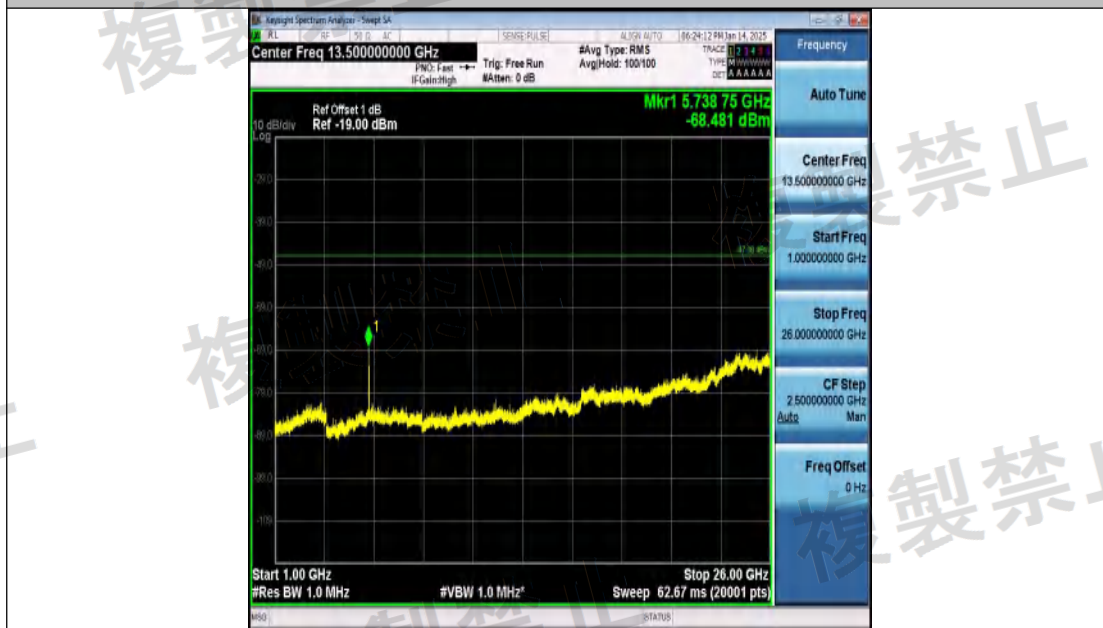
NTNV-11N20SISO-Ant1-5240-30~1000-PASS



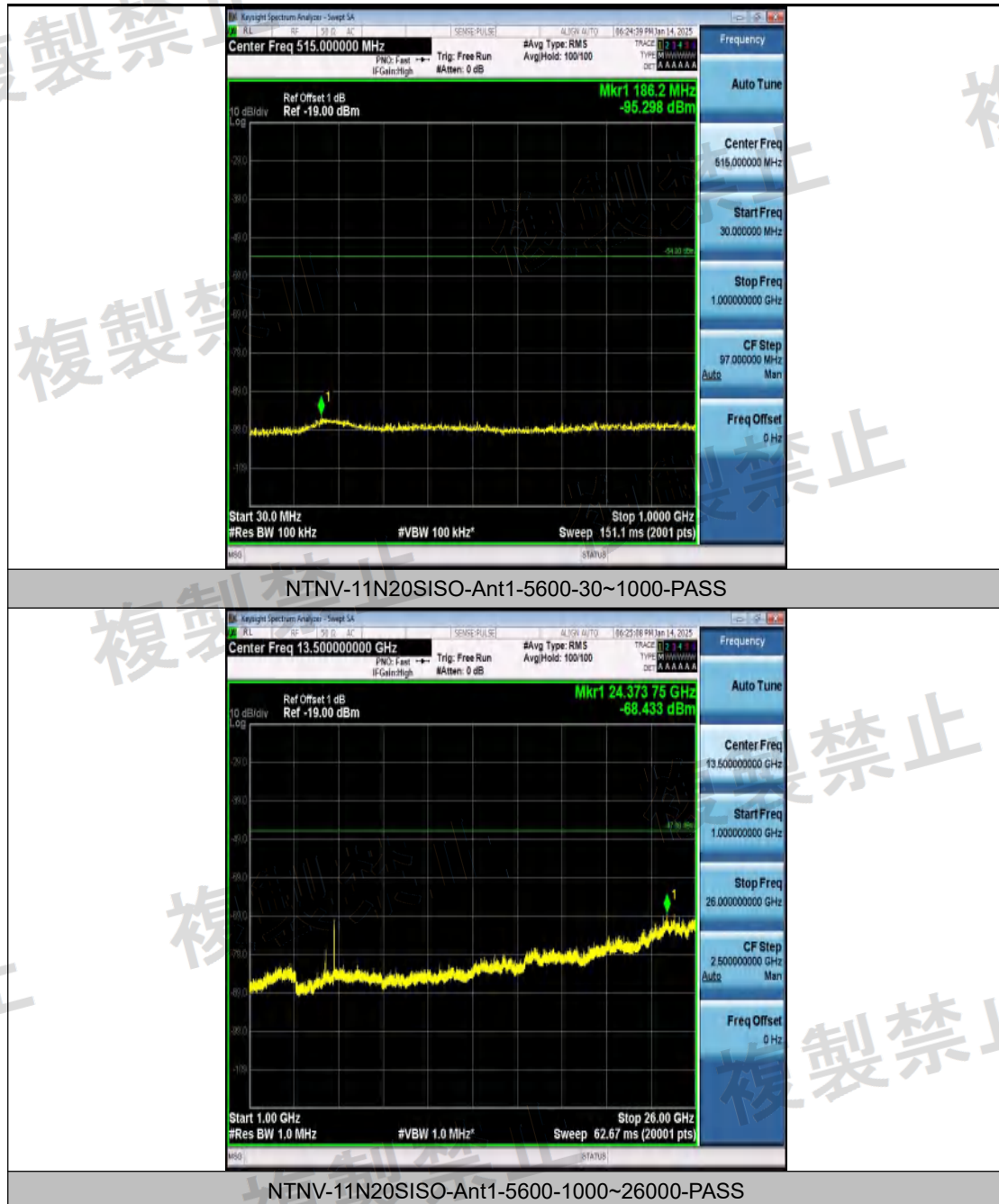
NTNV-11N20SISO-Ant1-5240-1000~26000-PASS

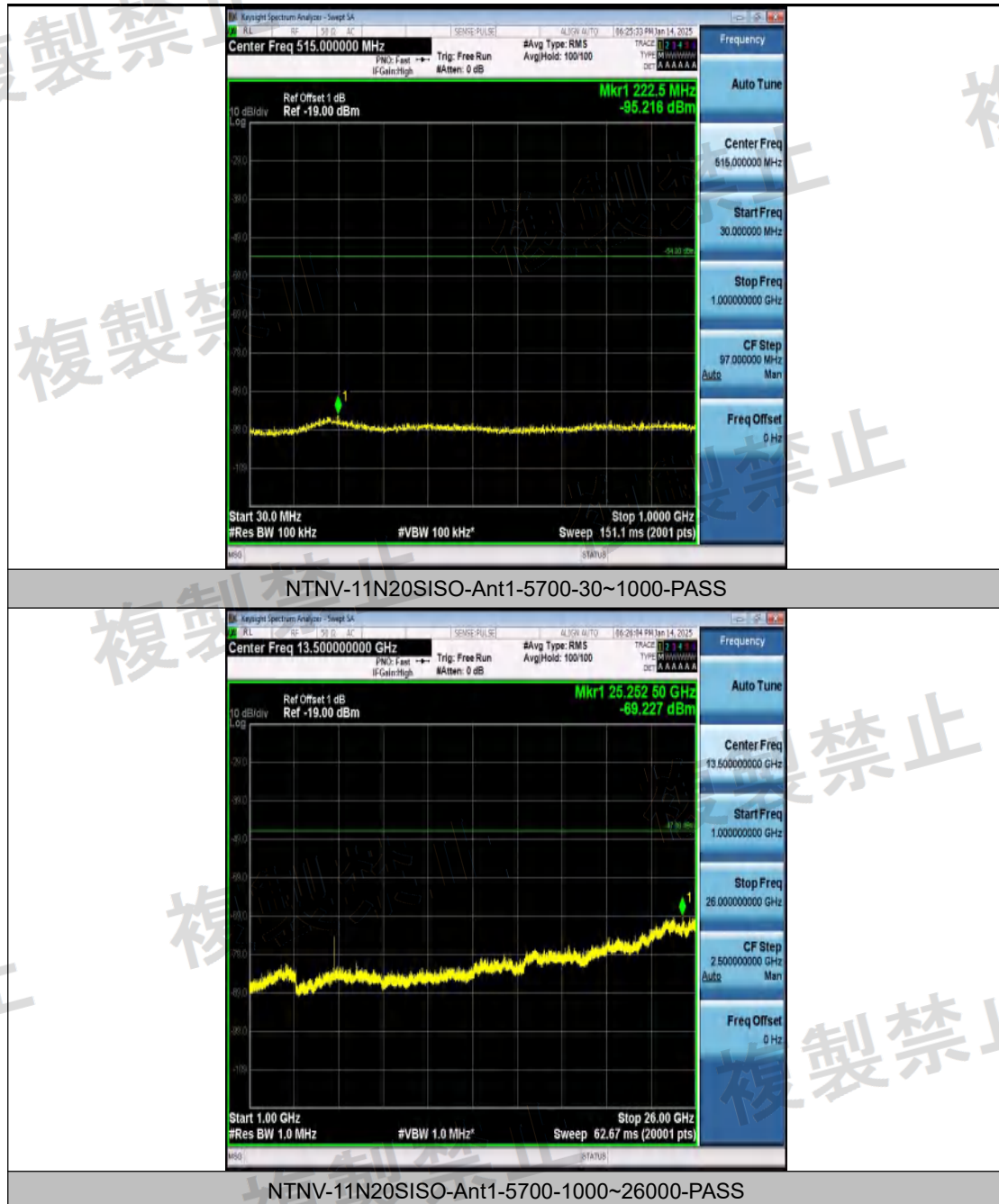


NTNV-11N20SISO-Ant1-5500-30~1000-PASS



NTNV-11N20SISO-Ant1-5500-1000~26000-PASS





Appendix F: Transmission Burst Length

Test Result

Test Condition	Test Mode	Antenna	Frequency [MHz]	Result [ms]	Limit [ms]	Verdict
NTNV	11A	Ant1	5180	1.39	≤8	PASS
NTNV	11A	Ant1	5200	1.39	≤8	PASS
NTNV	11A	Ant1	5240	1.39	≤8	PASS
NTNV	11A	Ant1	5500	1.39	≤8	PASS
NTNV	11A	Ant1	5600	1.39	≤8	PASS
NTNV	11A	Ant1	5700	1.39	≤8	PASS
NTNV	11N20SI SO	Ant1	5180	1.31	≤8	PASS
NTNV	11N20SI SO	Ant1	5200	1.31	≤8	PASS
NTNV	11N20SI SO	Ant1	5240	1.31	≤8	PASS
NTNV	11N20SI SO	Ant1	5500	0.16	≤8	PASS
NTNV	11N20SI SO	Ant1	5600	0.16	≤8	PASS
NTNV	11N20SI SO	Ant1	5700	0.16	≤8	PASS

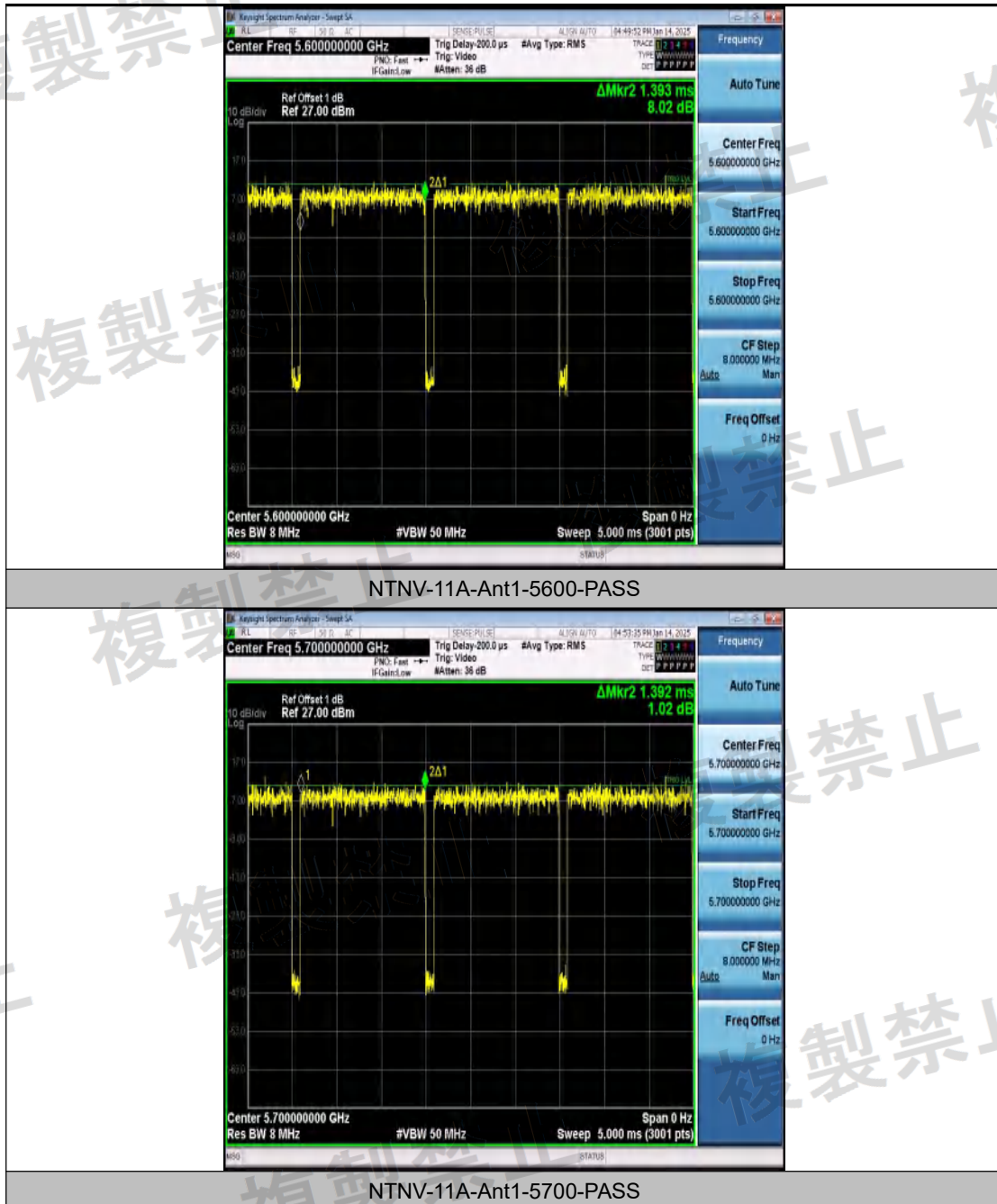
Test Graphs

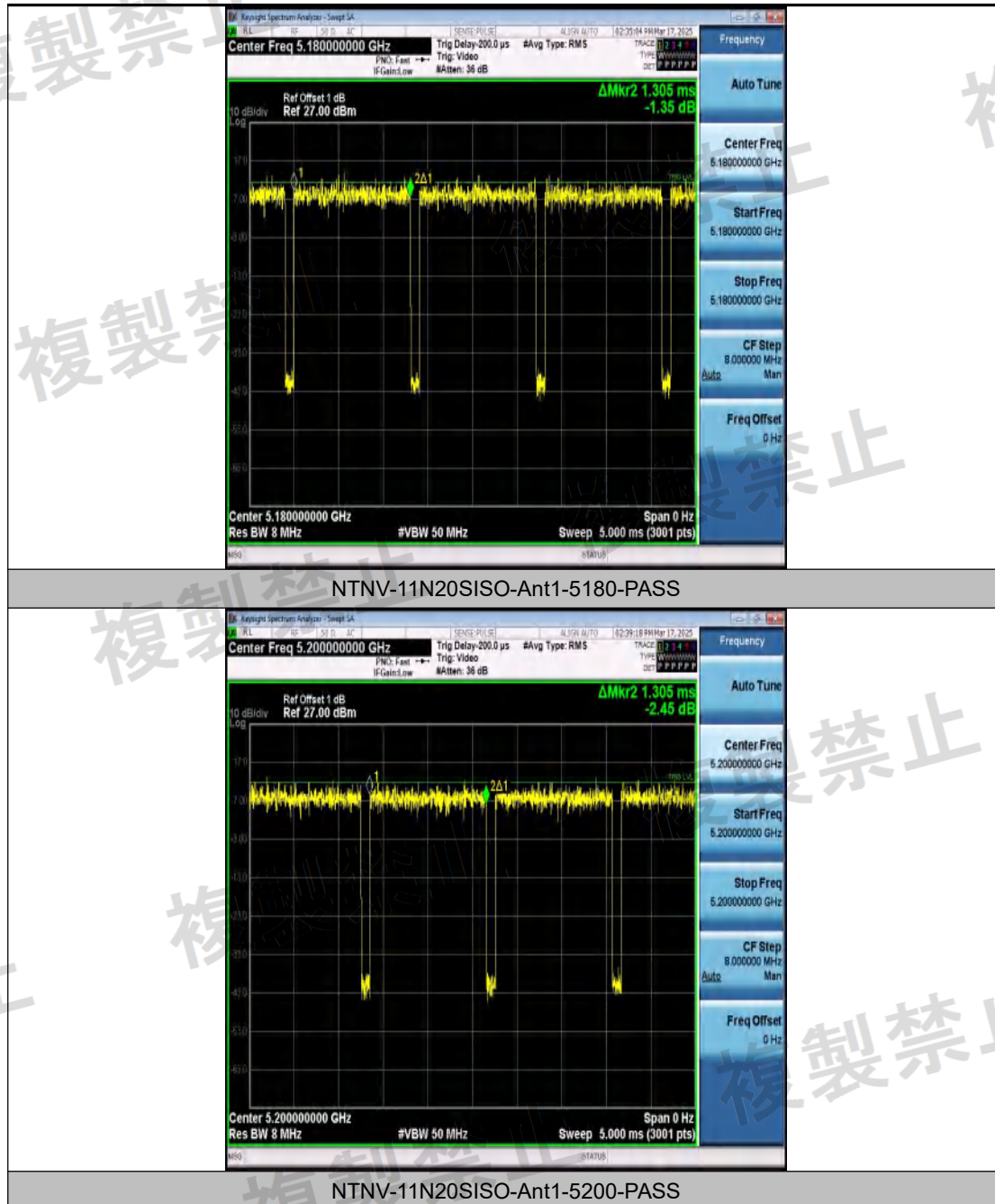


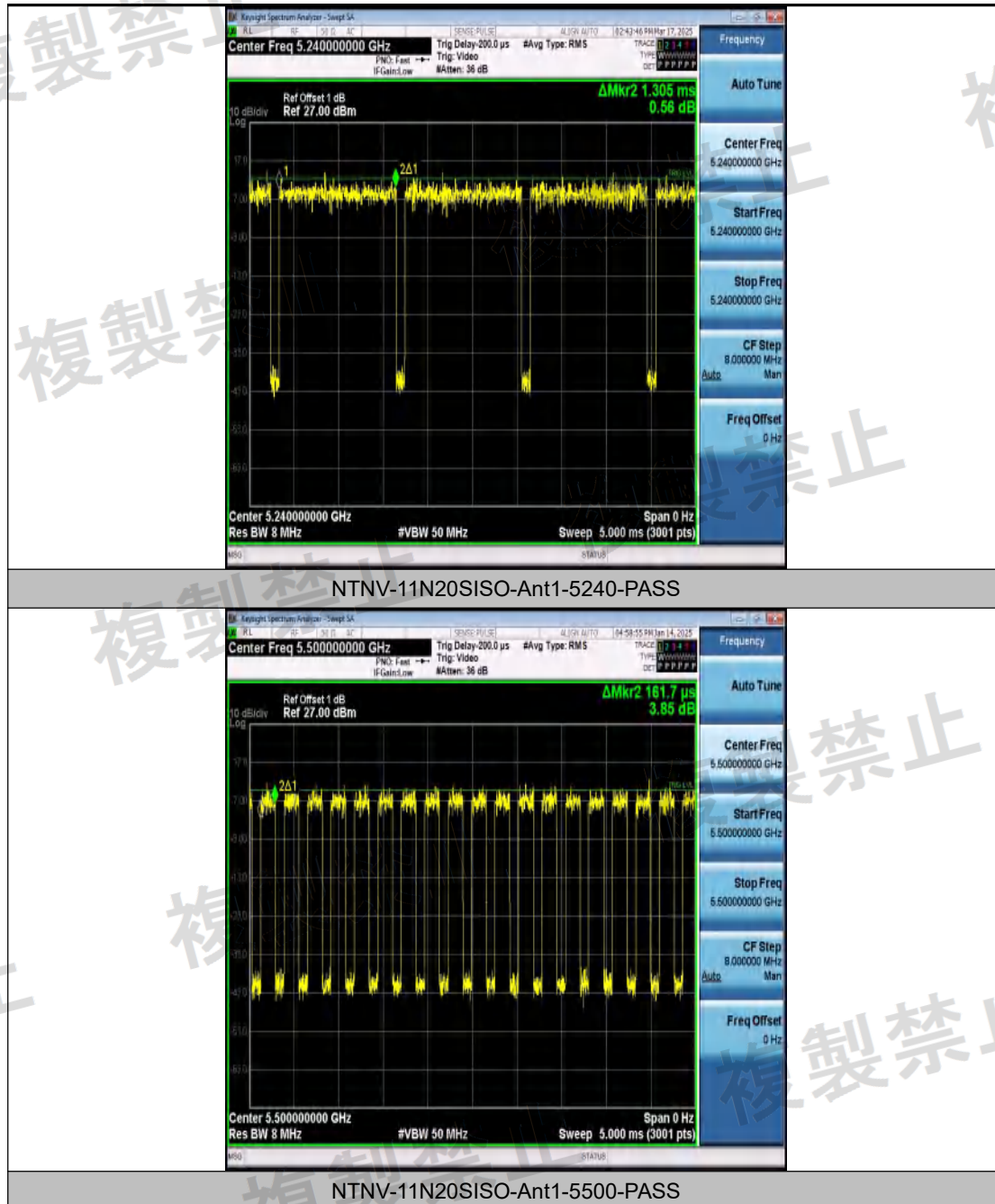
NTNV-11A-Ant1-5180-PASS

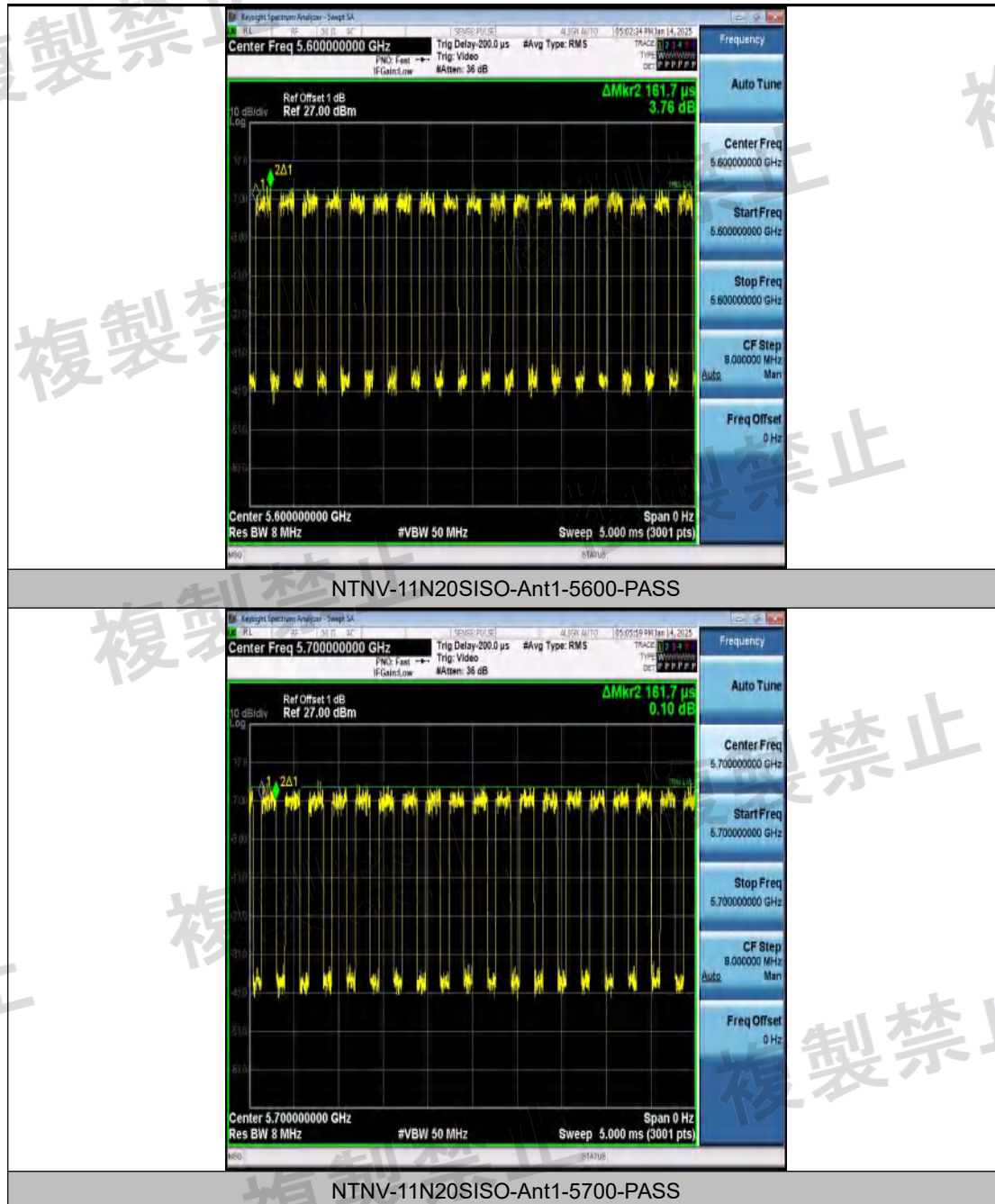


NTNV-11A-Ant1-5200-PASS









Appendix G: Adjacent Channel Power Tolerance

Test Result

Test Condition	Test Mode	Antenna	Frequency [MHz]	Offset [MHz]	Result [dBc]	Limit [dBc]	Verdict
NTNV	11A	Ant1	5180	-40	-50.59	≤-40	PASS
NTNV	11A	Ant1	5180	-20	-33.48	≤-25	PASS
NTNV	11A	Ant1	5180	+20	-36.62	≤-25	PASS
NTNV	11A	Ant1	5180	+40	-49.80	≤-40	PASS
NTNV	11A	Ant1	5200	-40	-50.13	≤-40	PASS
NTNV	11A	Ant1	5200	-20	-33.26	≤-25	PASS
NTNV	11A	Ant1	5200	+20	-36.76	≤-25	PASS
NTNV	11A	Ant1	5200	+40	-49.37	≤-40	PASS
NTNV	11A	Ant1	5240	-40	-50.52	≤-40	PASS
NTNV	11A	Ant1	5240	-20	-33.28	≤-25	PASS
NTNV	11A	Ant1	5240	+20	-36.65	≤-25	PASS
NTNV	11A	Ant1	5240	+40	-49.83	≤-40	PASS
NTNV	11A	Ant1	5500	-40	-51.26	≤-40	PASS
NTNV	11A	Ant1	5500	-20	-33.61	≤-25	PASS
NTNV	11A	Ant1	5500	+20	-36.55	≤-25	PASS
NTNV	11A	Ant1	5500	+40	-49.68	≤-40	PASS
NTNV	11A	Ant1	5600	-40	-49.90	≤-40	PASS
NTNV	11A	Ant1	5600	-20	-33.51	≤-25	PASS
NTNV	11A	Ant1	5600	+20	-36.91	≤-25	PASS
NTNV	11A	Ant1	5600	+40	-49.00	≤-40	PASS
NTNV	11A	Ant1	5700	-40	-49.46	≤-40	PASS
NTNV	11A	Ant1	5700	-20	-32.90	≤-25	PASS
NTNV	11A	Ant1	5700	+20	-36.97	≤-25	PASS
NTNV	11A	Ant1	5700	+40	-49.00	≤-40	PASS
NTNV	11N20SI SO	Ant1	5180	-40	-50.58	≤-40	PASS
NTNV	11N20SI SO	Ant1	5180	-20	-32.13	≤-25	PASS
NTNV	11N20SI SO	Ant1	5180	+20	-35.22	≤-25	PASS
NTNV	11N20SI SO	Ant1	5180	+40	-49.87	≤-40	PASS
NTNV	11N20SI SO	Ant1	5200	-40	-50.40	≤-40	PASS
NTNV	11N20SI SO	Ant1	5200	-20	-32.89	≤-25	PASS
NTNV	11N20SI	Ant1	5200	+20	-36.32	≤-25	PASS

Shenzhen Anbotek Compliance Laboratory Limited

Address: Sogood Industrial Zone Laboratory & 1/F. of Building D, Sogood Science and Technology Park,
Sanwei Community, Hangcheng Subdistrict, Bao'an District, Shenzhen, Guangdong, China

Tel: (86) 0755-26066440 Email: service@anbotek.com



Hotline

400-003-0500

www.anbotek.com

	SO						
NTNV	11N20SI SO	Ant1	5200	+40	-49.69	≤-40	PASS
NTNV	11N20SI SO	Ant1	5240	-40	-50.87	≤-40	PASS
NTNV	11N20SI SO	Ant1	5240	-20	-31.77	≤-25	PASS
NTNV	11N20SI SO	Ant1	5240	+20	-36.01	≤-25	PASS
NTNV	11N20SI SO	Ant1	5240	+40	-50.31	≤-40	PASS
NTNV	11N20SI SO	Ant1	5500	-40	-52.45	≤-40	PASS
NTNV	11N20SI SO	Ant1	5500	-20	-32.18	≤-25	PASS
NTNV	11N20SI SO	Ant1	5500	+20	-34.55	≤-25	PASS
NTNV	11N20SI SO	Ant1	5500	+40	-51.08	≤-40	PASS
NTNV	11N20SI SO	Ant1	5600	-40	-51.43	≤-40	PASS
NTNV	11N20SI SO	Ant1	5600	-20	-32.35	≤-25	PASS
NTNV	11N20SI SO	Ant1	5600	+20	-34.06	≤-25	PASS
NTNV	11N20SI SO	Ant1	5600	+40	-50.37	≤-40	PASS
NTNV	11N20SI SO	Ant1	5700	-40	-51.44	≤-40	PASS
NTNV	11N20SI SO	Ant1	5700	-20	-32.10	≤-25	PASS
NTNV	11N20SI SO	Ant1	5700	+20	-34.36	≤-25	PASS
NTNV	11N20SI SO	Ant1	5700	+40	-50.46	≤-40	PASS



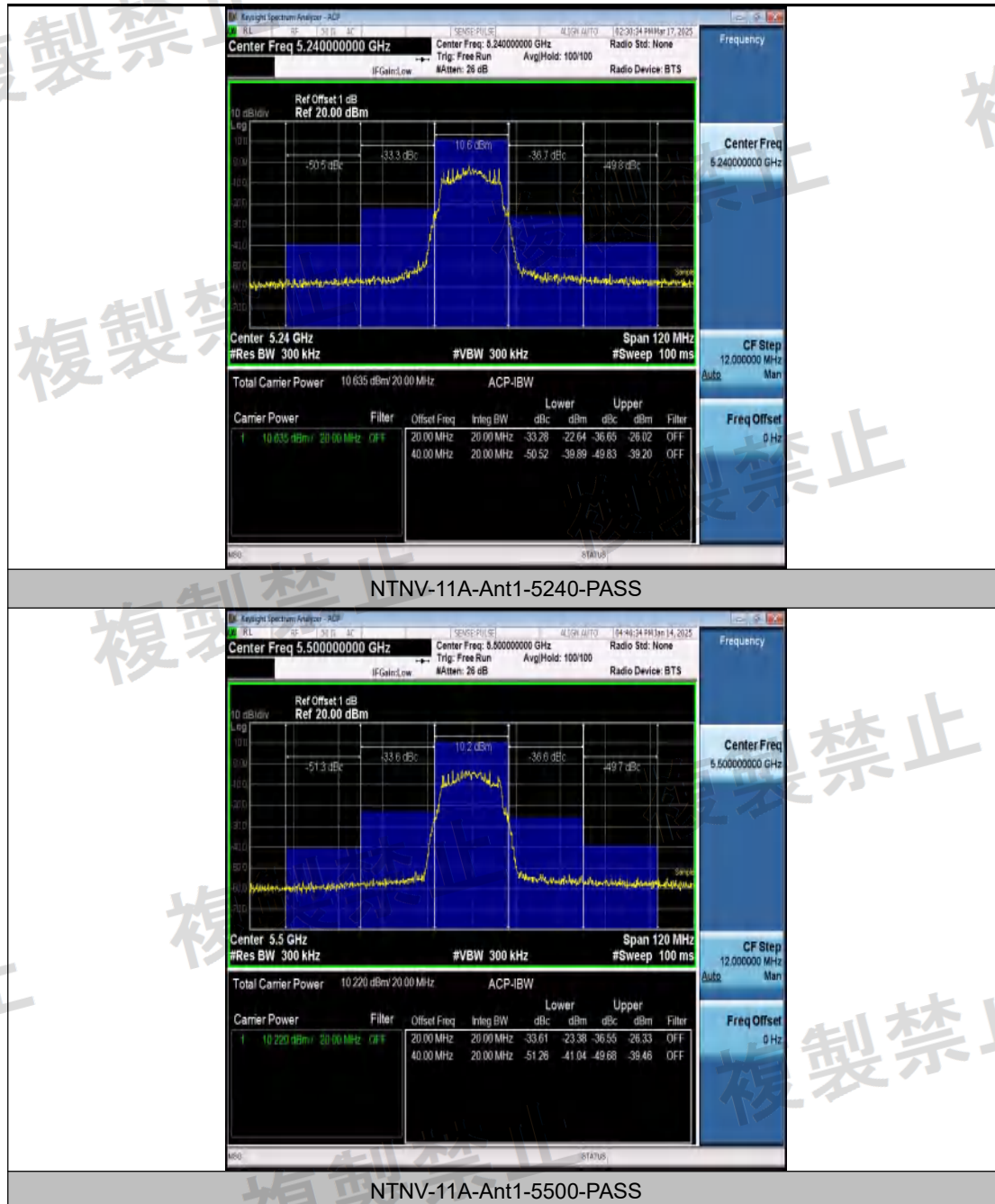
Test Graphs

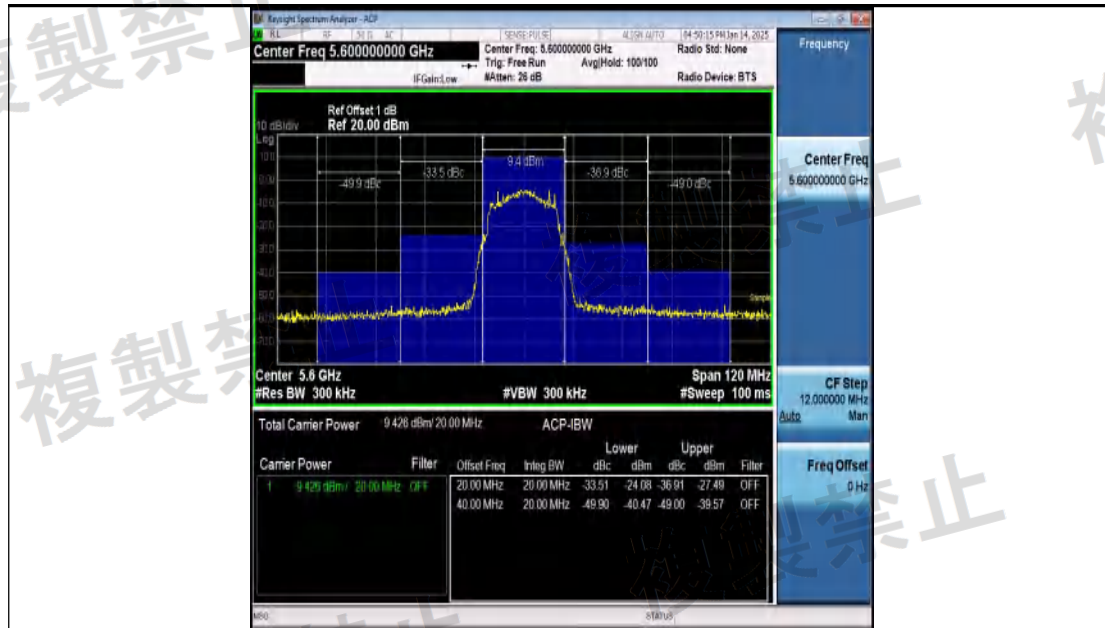


NTNV-11A-Ant1-5180-PASS

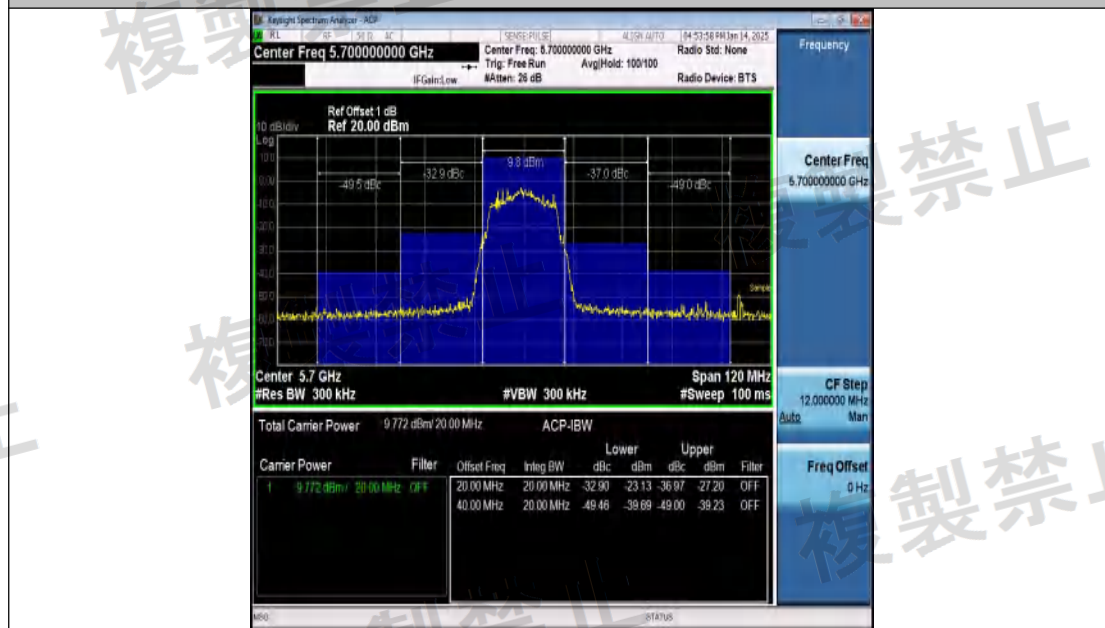


NTNV-11A-Ant1-5200-PASS

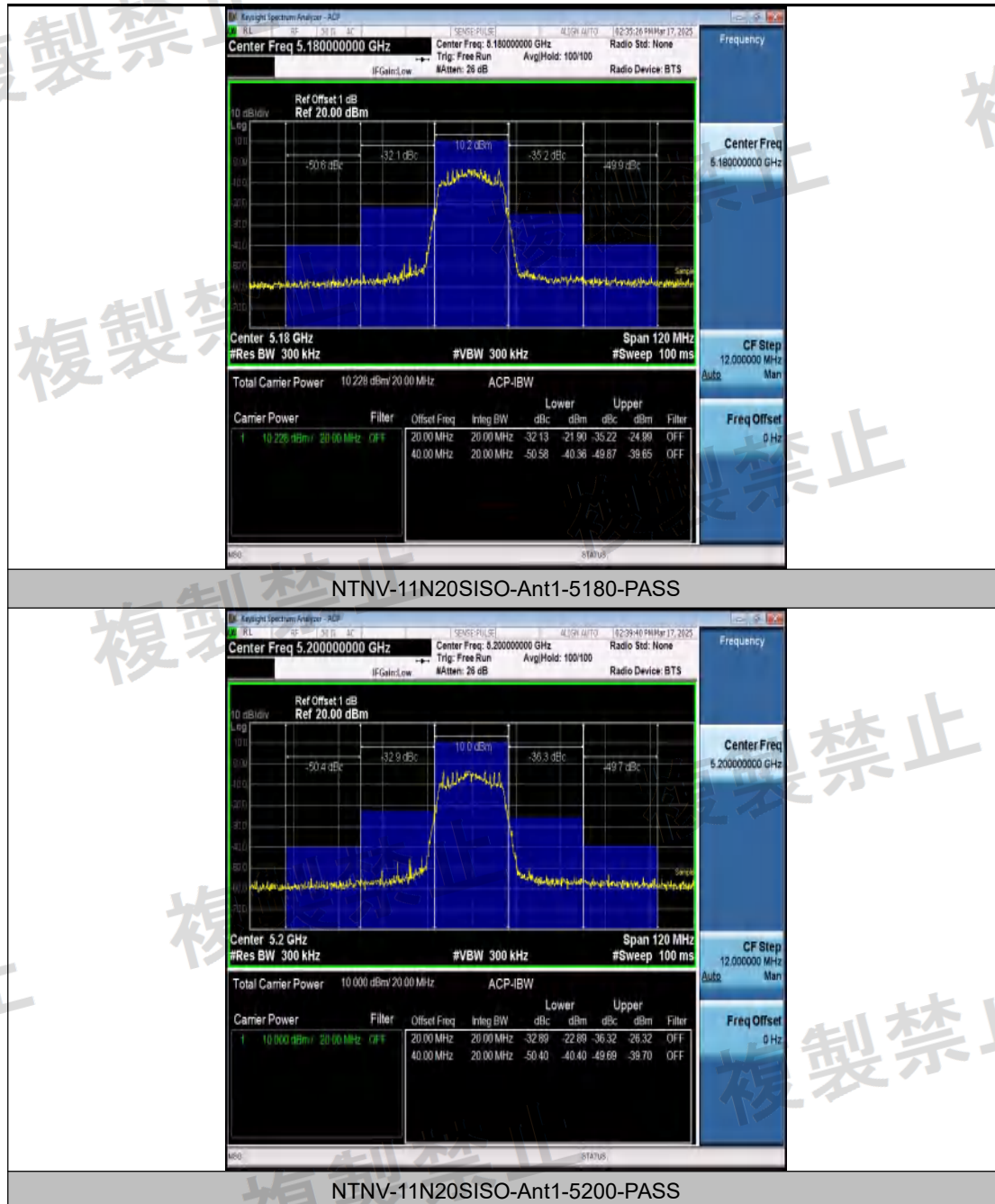


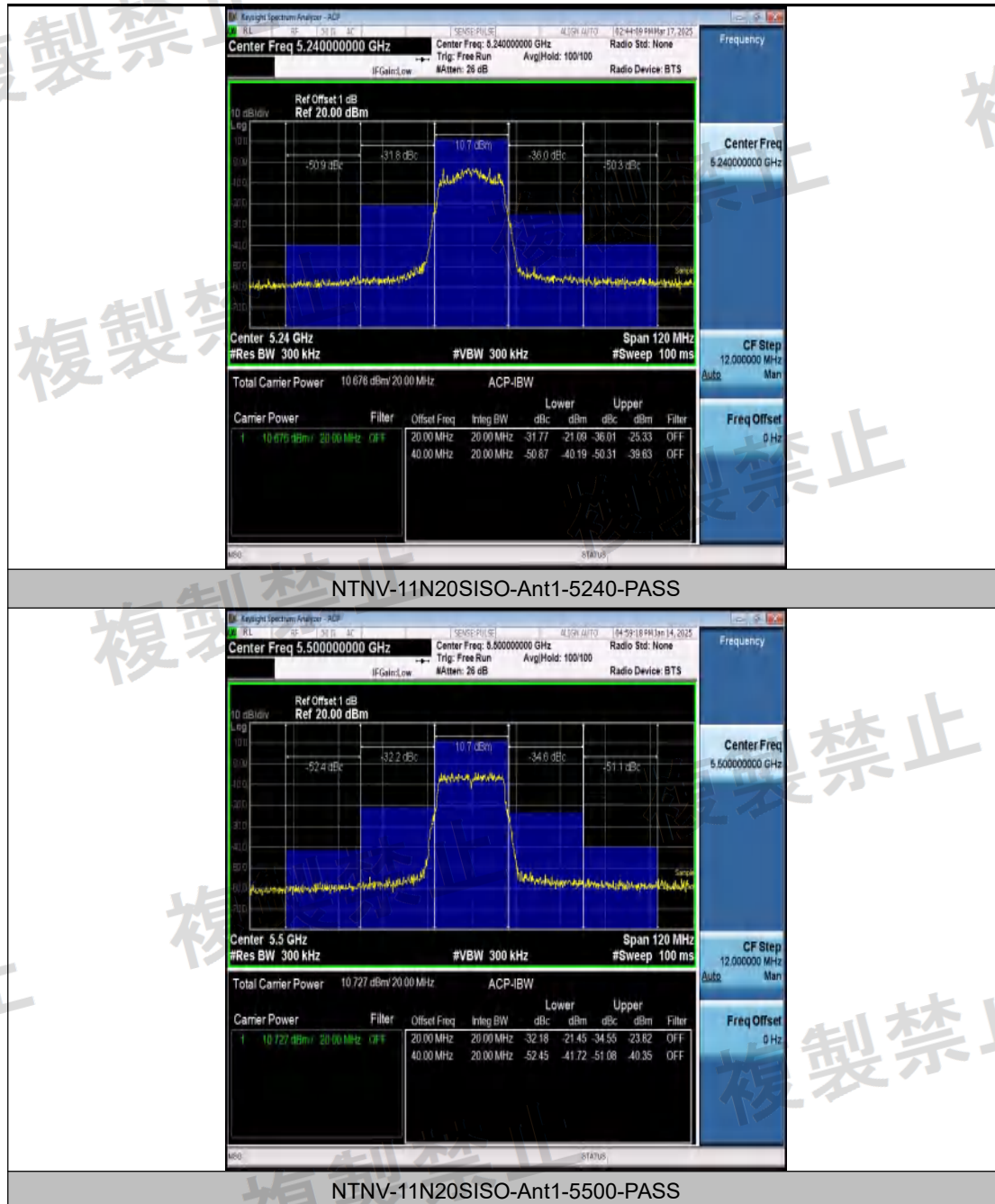


NTNV-11A-Ant1-5600-PASS



NTNV-11A-Ant1-5700-PASS





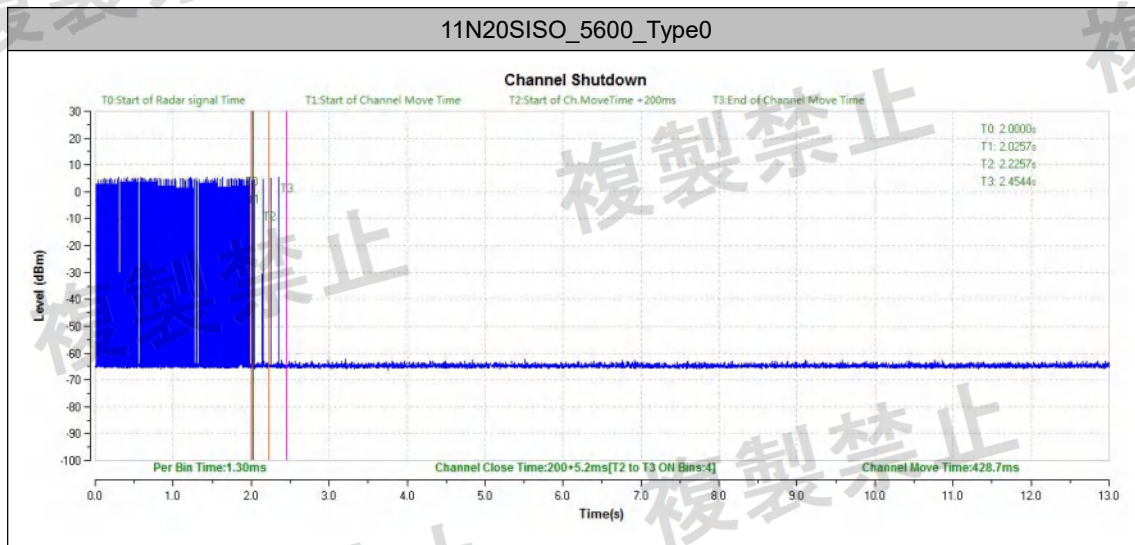
Appendix H: Channel Move Time and Channel Closing

Transmission Time

Test Result

TestMode	Frequency[MHz]	CCT[ms]	Limit[ms]	CMT[ms]	Limit[ms]	Verdict
11N20SISO	5600	200+5.2	200+60	428.7	10000	PASS

Test Graphs



Appendix I: DFS Detection Thresholds

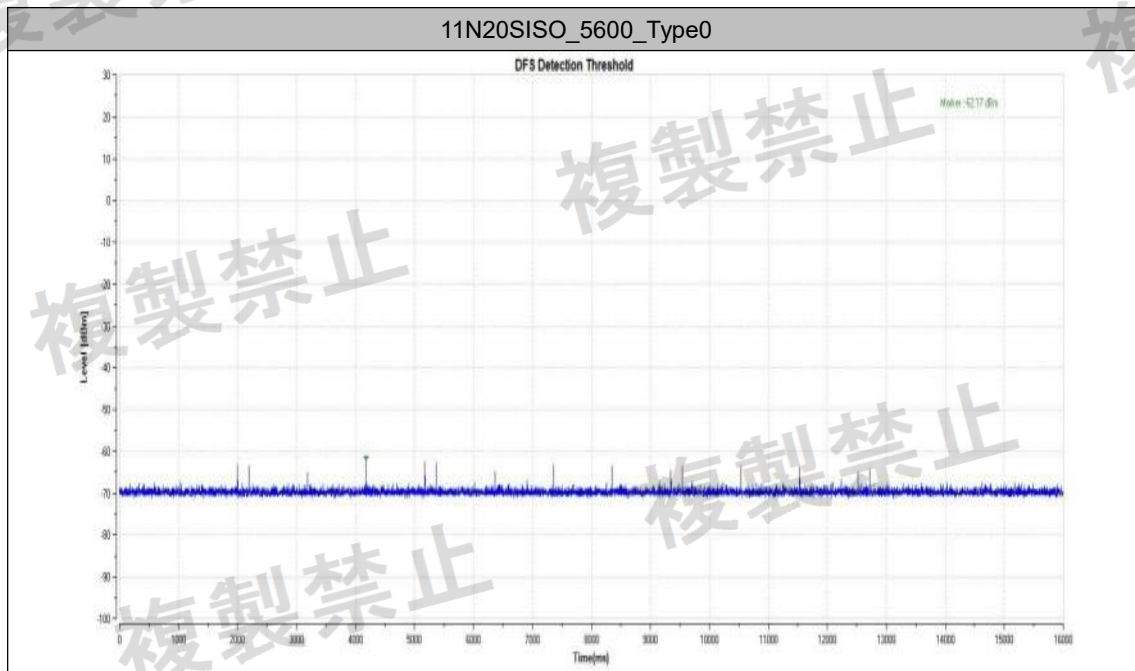
Test Result

TestMode	Frequency[MHz]	Radar Type	Result[dbm]	Limit[dbm]	Verdict
11N20SISO	5600	Type0	-62.17	-62.00	PASS

Note: Test result has contains antenna gain.



Test Graphs

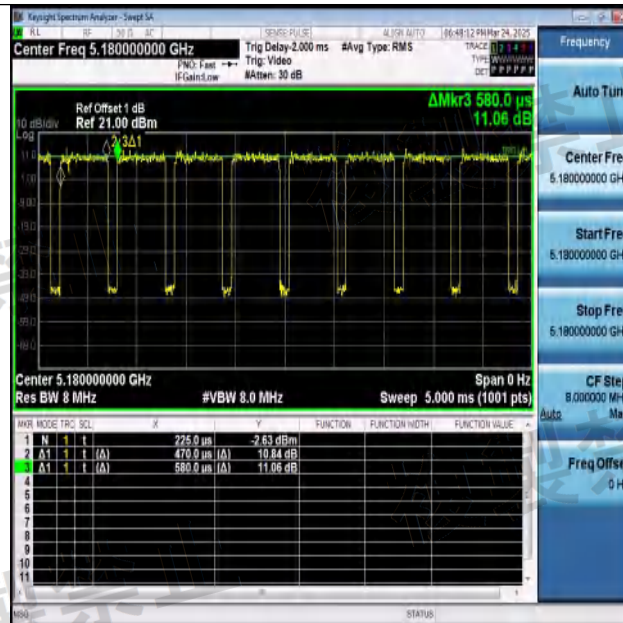


Appendix J: Duty Cycle

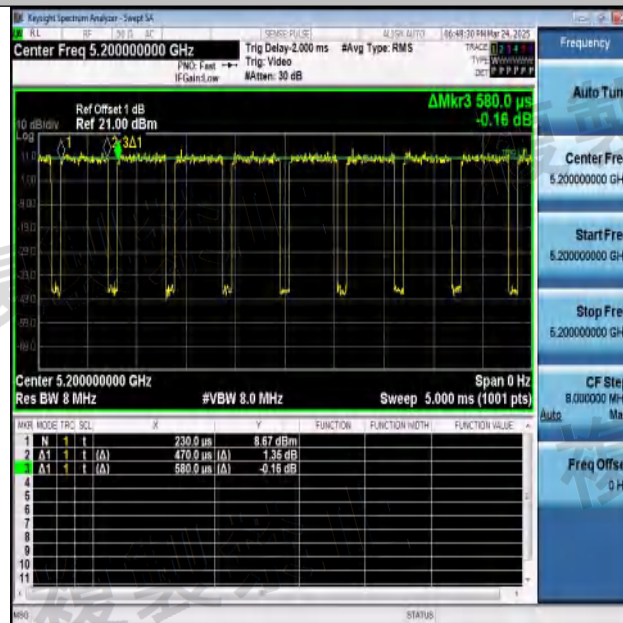
Test Result

Test Mode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Factor
11A	Ant1	5180	0.47	0.58	81.03	0.91
11A	Ant1	5200	0.47	0.58	81.03	0.91
11A	Ant1	5240	0.47	0.58	81.03	0.91
11A	Ant1	5500	0.47	0.58	81.03	0.91
11A	Ant1	5600	0.47	0.58	81.03	0.91
11A	Ant1	5700	0.47	0.58	81.03	0.91
11N20SISO	Ant1	5180	1.30	1.41	92.20	0.35
11N20SISO	Ant1	5200	1.30	1.41	92.20	0.35
11N20SISO	Ant1	5240	1.30	1.41	92.20	0.35
11N20SISO	Ant1	5500	1.30	1.41	92.20	0.35
11N20SISO	Ant1	5600	1.30	1.41	92.20	0.35
11N20SISO	Ant1	5700	1.30	1.41	92.20	0.35

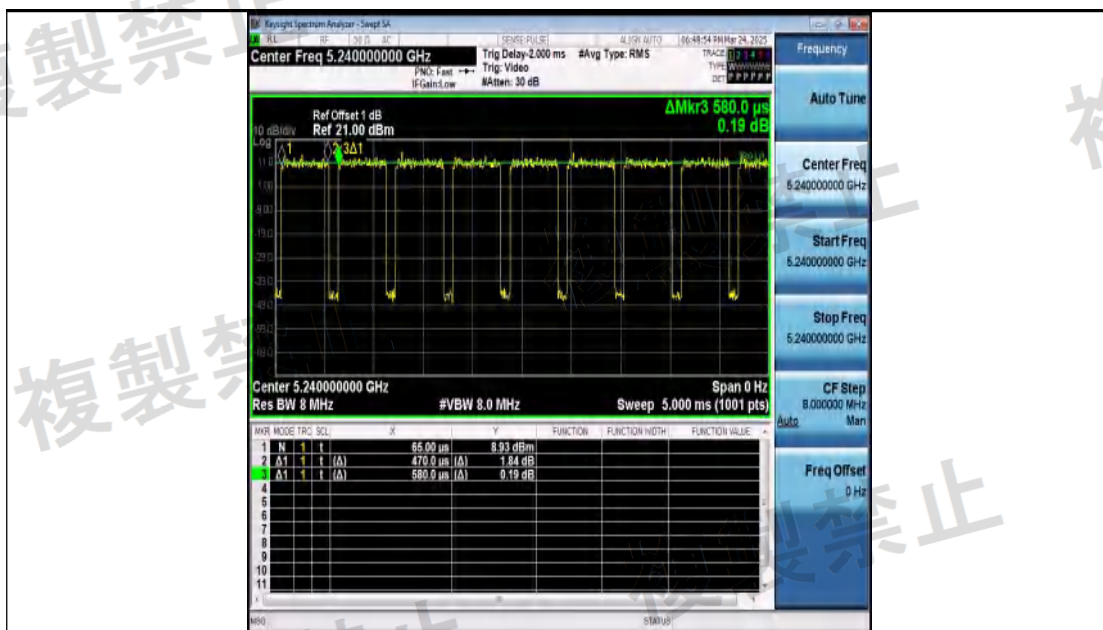
Test Graphs



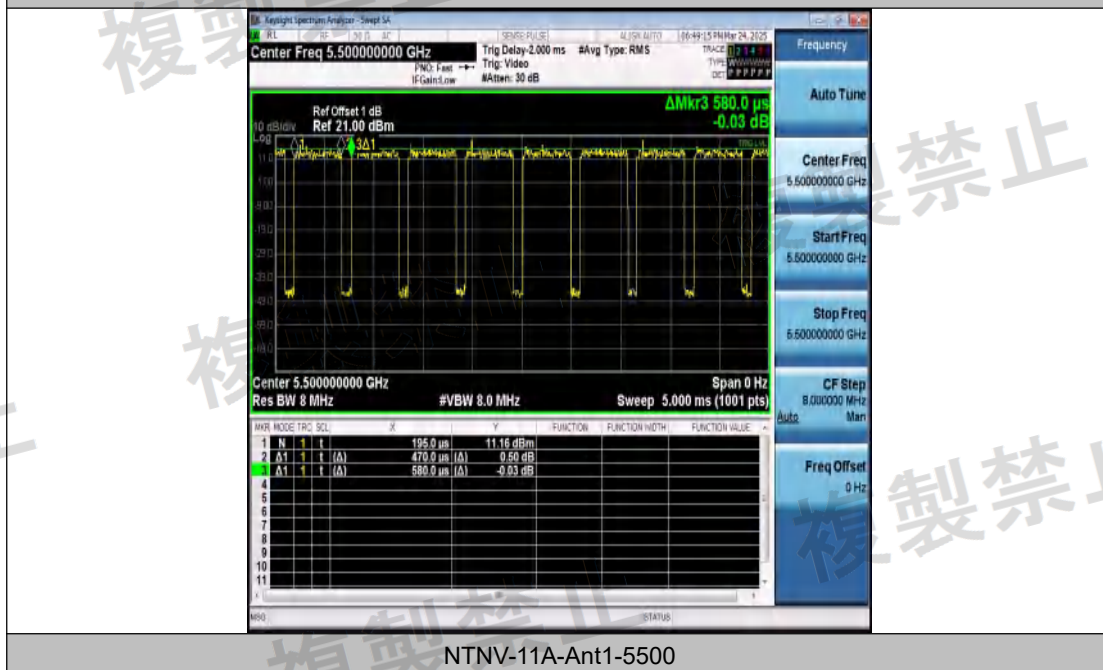
NTNV-11A-Ant1-5180



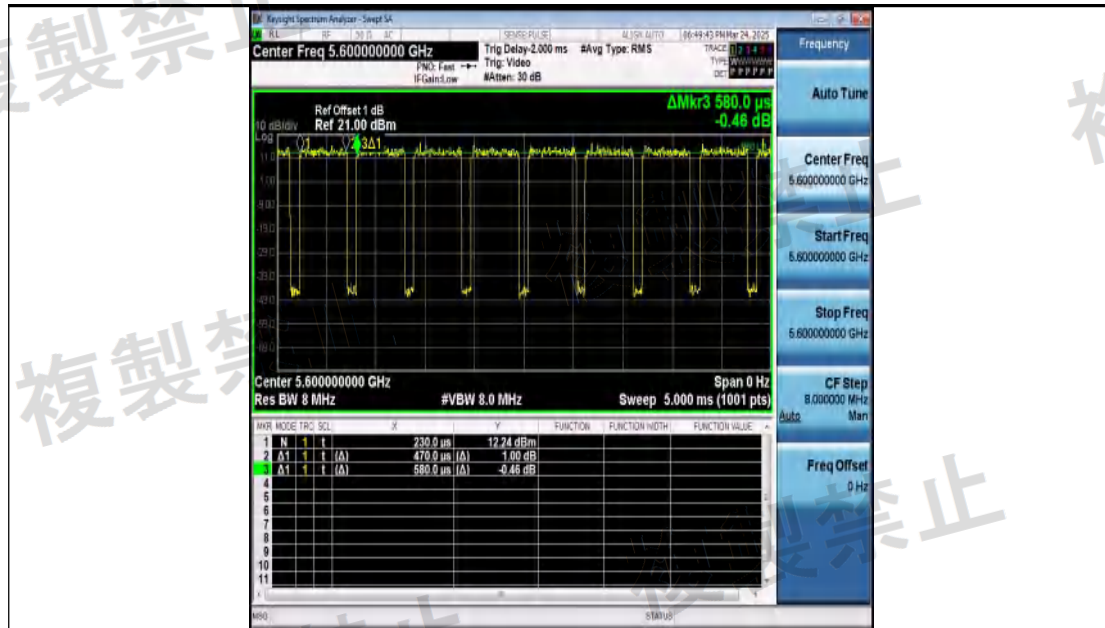
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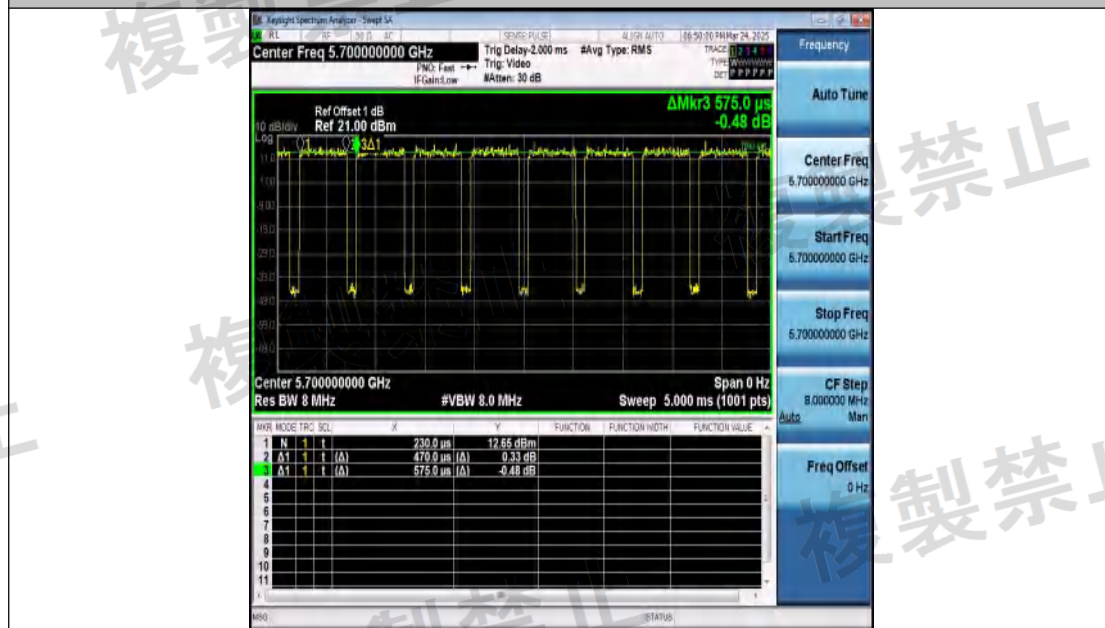
NTNV-11A-Ant1-5240



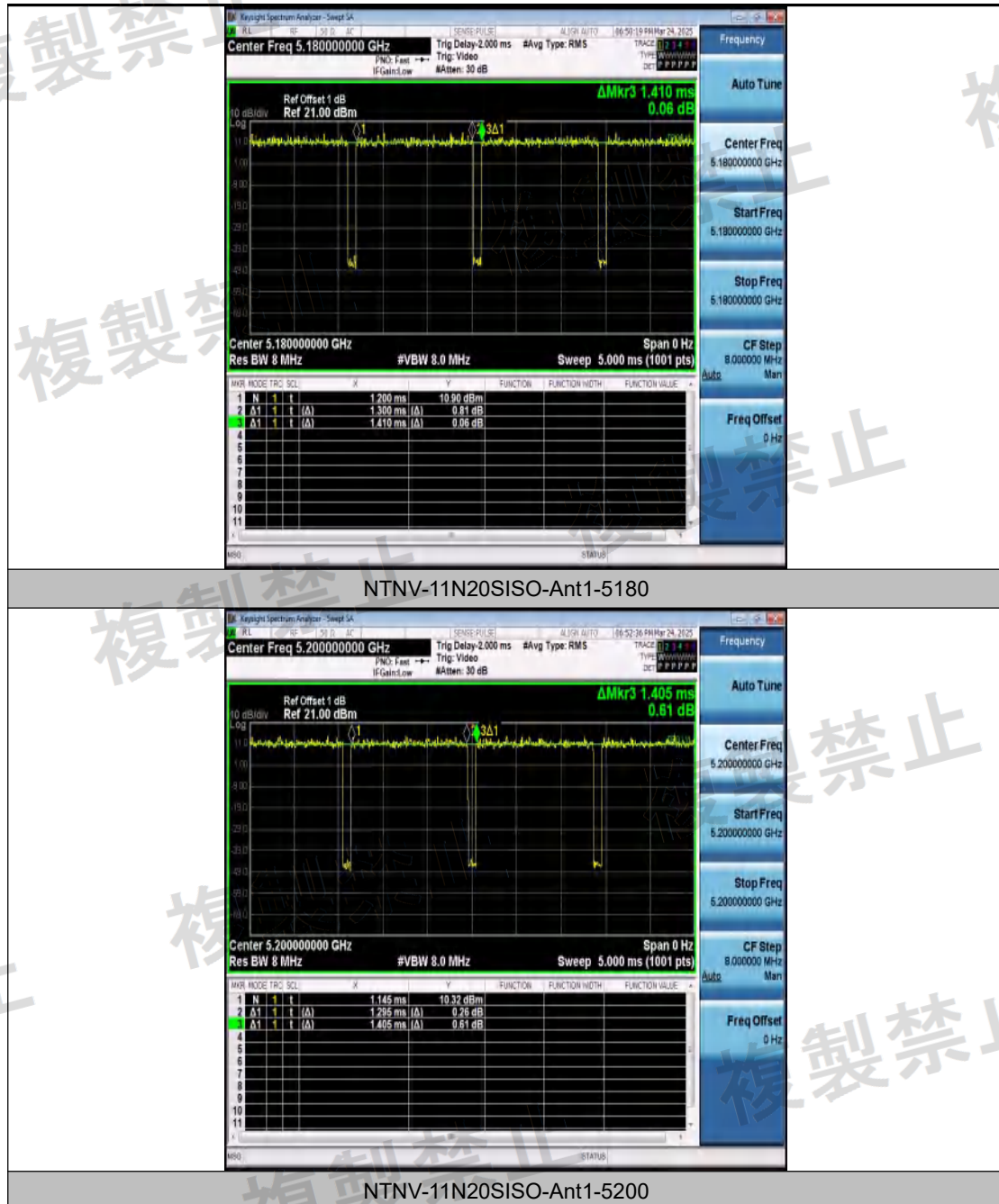
NTNV-11A-Ant1-5500

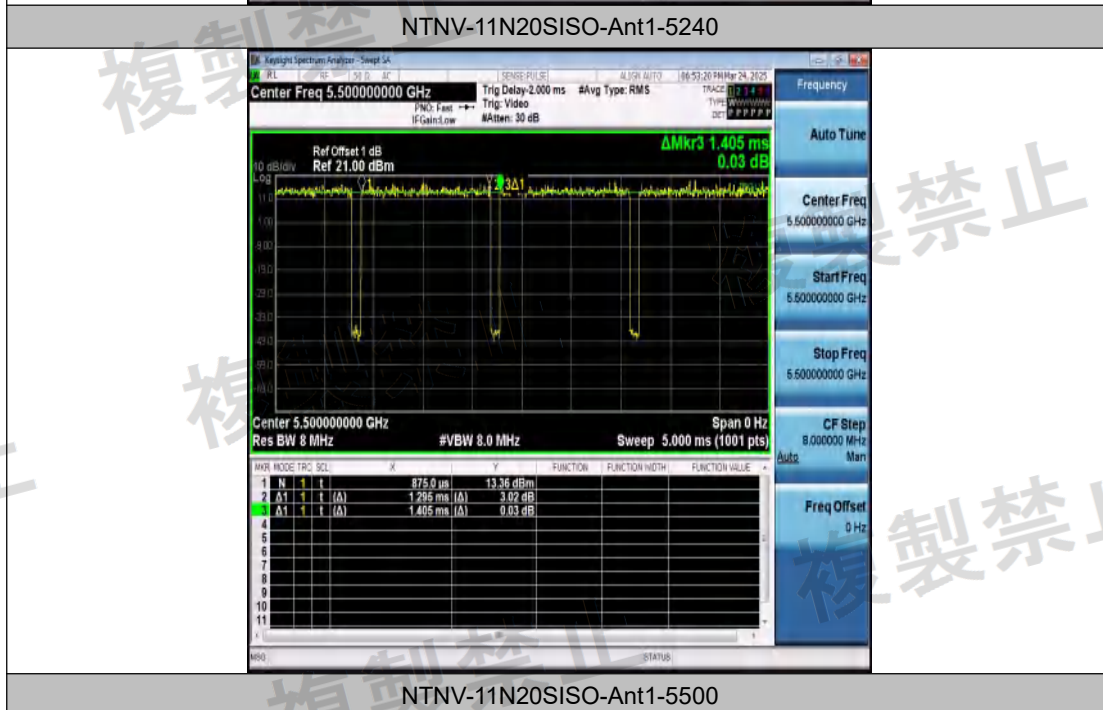
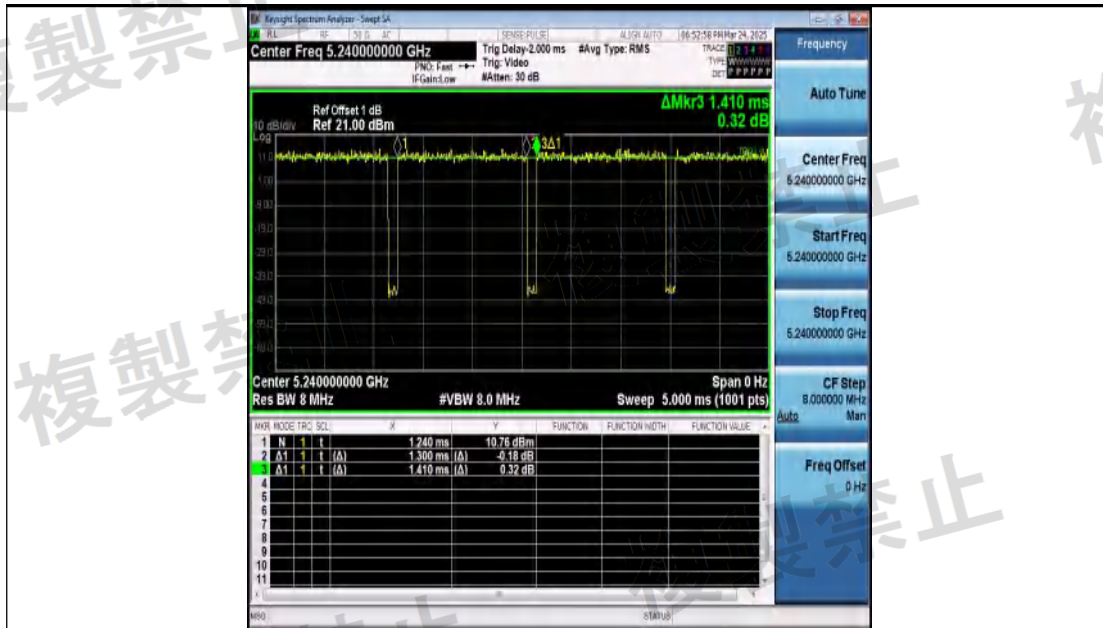


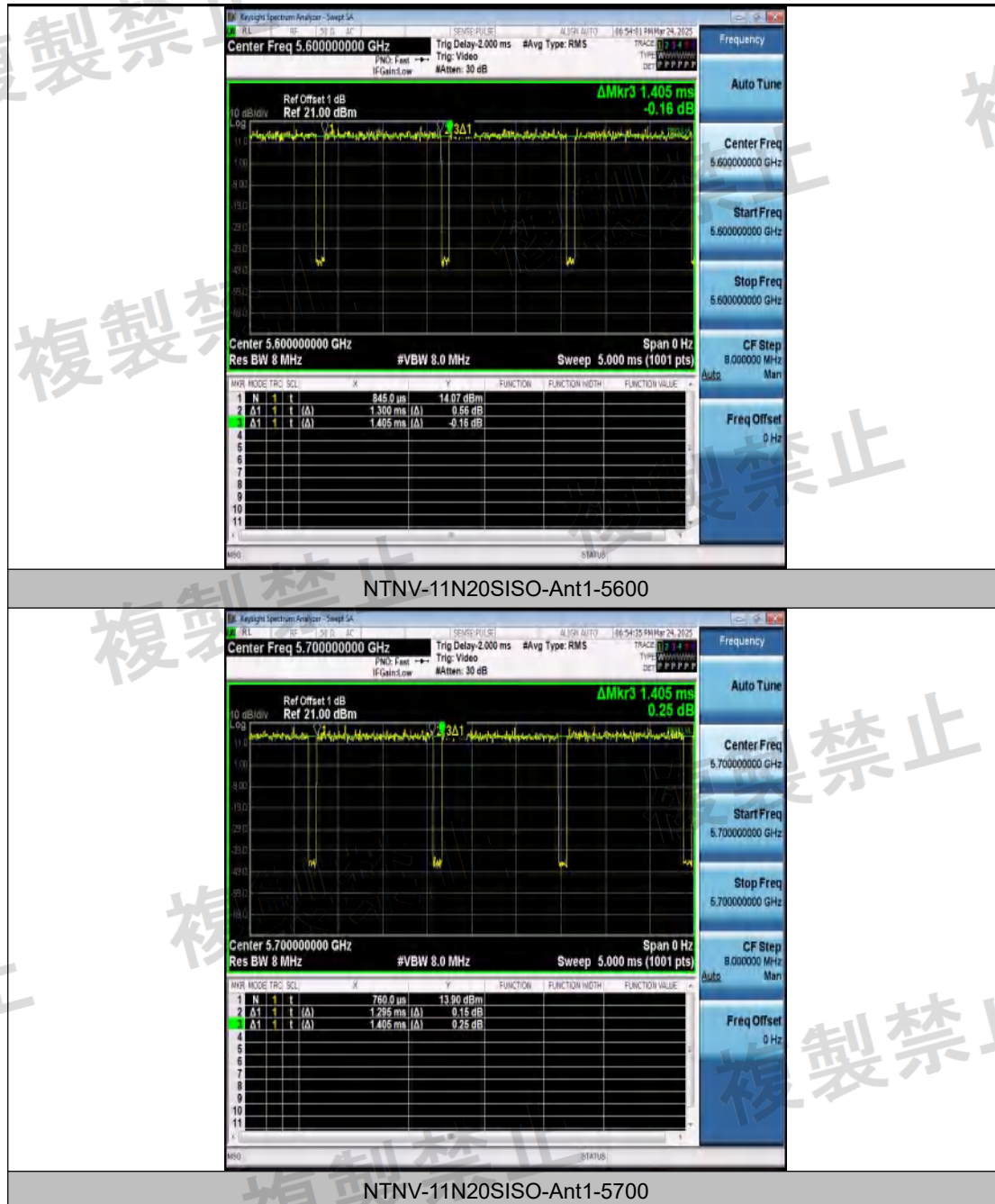
NTNV-11A-Ant1-5600



NTNV-11A-Ant1-5700







---End---