

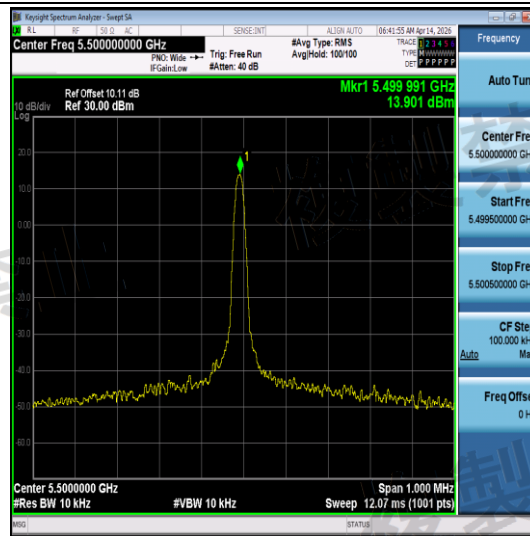
Case No. : CTA26030902303	
Ambient Condition: 25 ℃, 45 %RH, 101.5 hpa,	
Test Date: Mar. 23, 2026 - Apr.14,2026	Test Engineer: Ace Chai

Appendix E1: Frequency Error

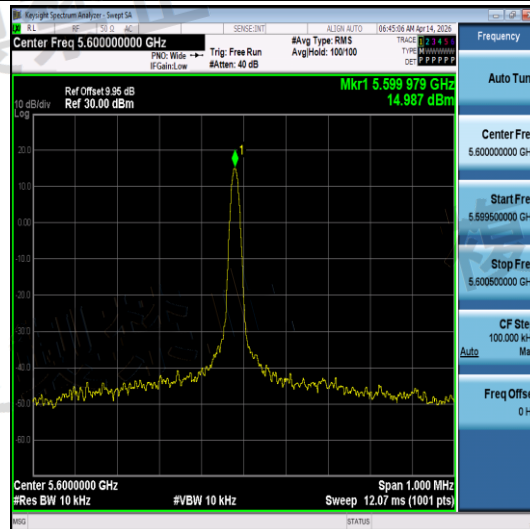
Test Result

TestCondition	TestMode	Antenna	Frequen cy[MHz]	CenterFreq [MHz]	Result [ppm]	Limit [ppm]	Verdict
NTNV	11A	Ant1	5500	5499.991	-1.63636	±20	PASS
NTNV	11A	Ant1	5600	5599.979	-3.75000	±20	PASS
NTNV	11A	Ant1	5700	5699.979	-3.68421	±20	PASS

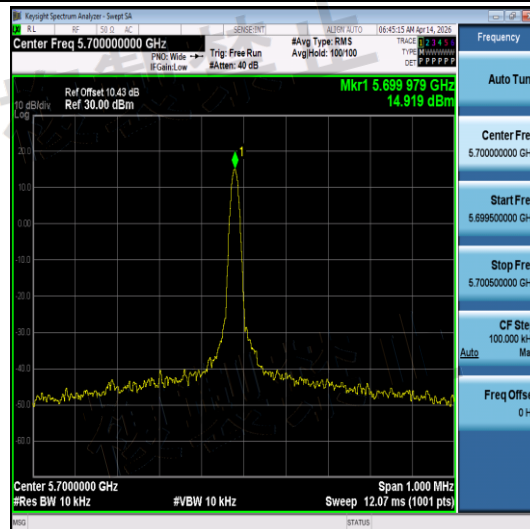
Test Graphs



NTNV-11A-Ant1-5500-PASS



NTNV-11A-Ant1-5600-PASS



NTNV-11A-Ant1-5700-PASS

Appendix E2: Antenna Power

Test Result PSD

Test Condition	Test Mode	Antenna	Frequency [MHz]	Average Burst Power (dBm)	Antenna Power (mW/MHz)	Limit (mW/MHz)	Rated Output Power (mW/MHz)	Tolerance (%)	Limit	Verdict
NTNV	11A	Ant1	5500	13.91	1.7027	≤10	3	-43.24	-80%~20%	PASS
			5600	13.72	1.6317	≤10	3	-45.61	-80%~20%	PASS
			5700	13.61	1.5618	≤10	3	-47.94	-80%~20%	PASS
	11N20 SISO	Ant1	5500	12.91	1.2702	≤10	2	-36.49	-80%~20%	PASS
			5600	12.55	1.1524	≤10	2	-42.38	-80%~20%	PASS
			5700	12.39	1.1126	≤10	2	-44.37	-80%~20%	PASS

Note:

- 1). Test Result: Pass.
- 2). All test modes have been tested and we only record the worst result.
- 3). Antenna power = Power meter power (mW) / Spread Bandwidth (MHz)

EIRP

Test Condition	Test Mode	Antenna	Frequency [MHz]	Antenna Power (mW/MHz)	Antenna Gain (dBi)	EIRP (mW/MHz)	Limit (mW/MHz)	Verdict
NTNV	11A	Ant1	5500	1.7027	1.94	2.66	≤25	PASS
			5600	1.6317	1.94	2.55	≤25	PASS
			5700	1.5618	1.94	2.44	≤25	PASS
	11N20SISO	Ant1	5500	1.2702	1.94	1.99	≤25	PASS
			5600	1.1524	1.94	1.80	≤25	PASS
			5700	1.1126	1.94	1.74	≤25	PASS

Note:

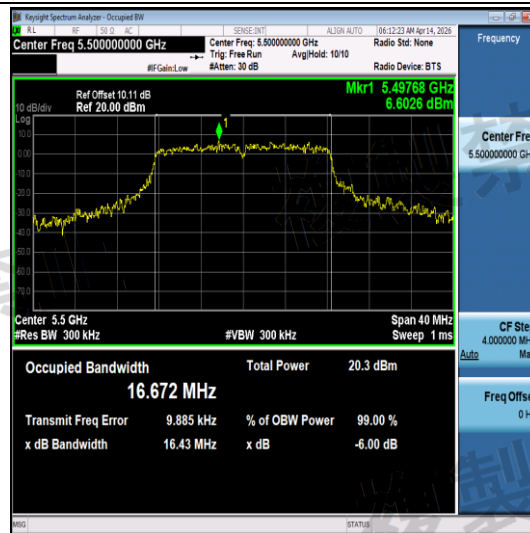
- 1). Test Result: Pass.
- 2). All test modes have been tested and we only record the worst result.
- 3). EIRP (dBm) = Power meter power (dBm) + Antenna Gain (dBi)
- 3). Antenna power = Power meter power (mW) / Spread Bandwidth (MHz)

Appendix E3: Occupied Bandwidth

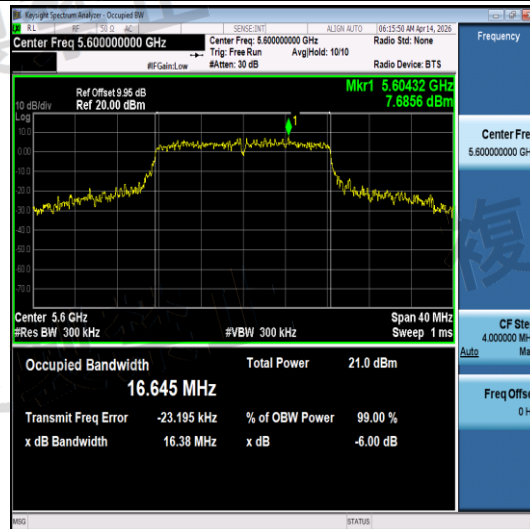
Test Result

Test Condition	Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit [MHz]	Verdict
NTNV	11A	Ant1	5500	16.672	≤20	PASS
NTNV	11A	Ant1	5600	16.645	≤20	PASS
NTNV	11A	Ant1	5700	16.719	≤20	PASS
NTNV	11N20SISO	Ant1	5500	17.633	≤20	PASS
NTNV	11N20SISO	Ant1	5600	17.757	≤20	PASS
NTNV	11N20SISO	Ant1	5700	17.706	≤20	PASS

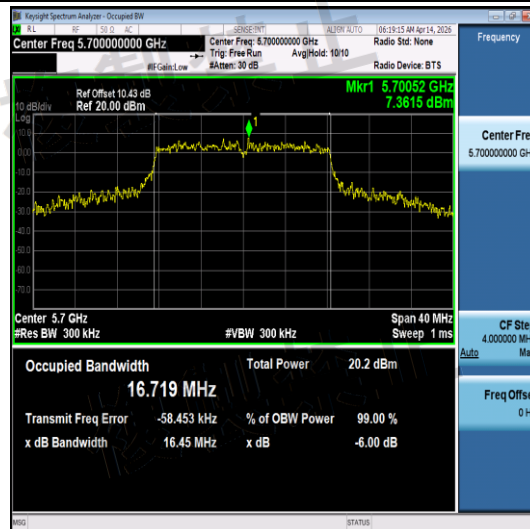
Test Graphs



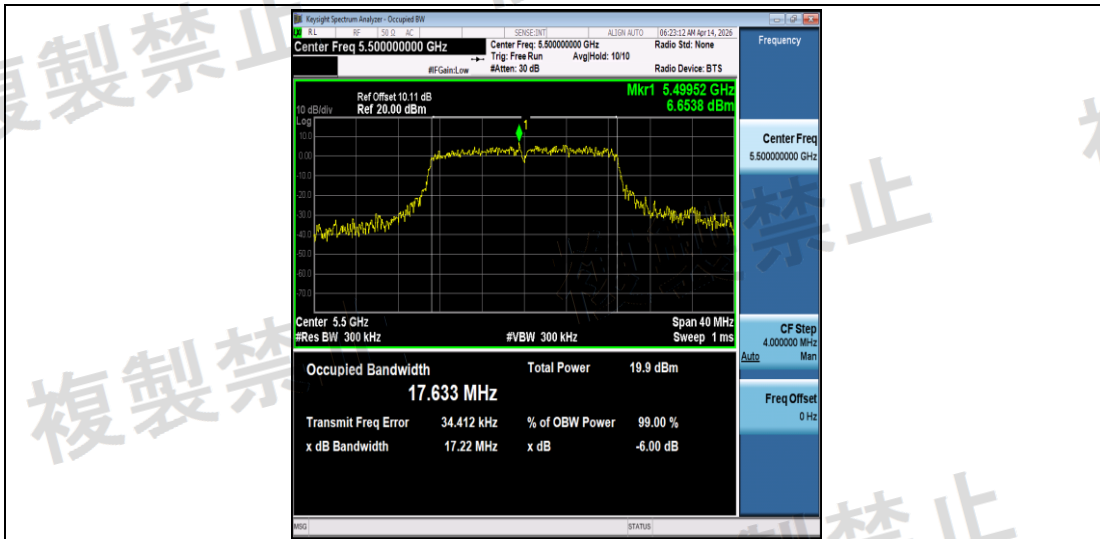
NTNV-11A-Ant1-5500-PASS



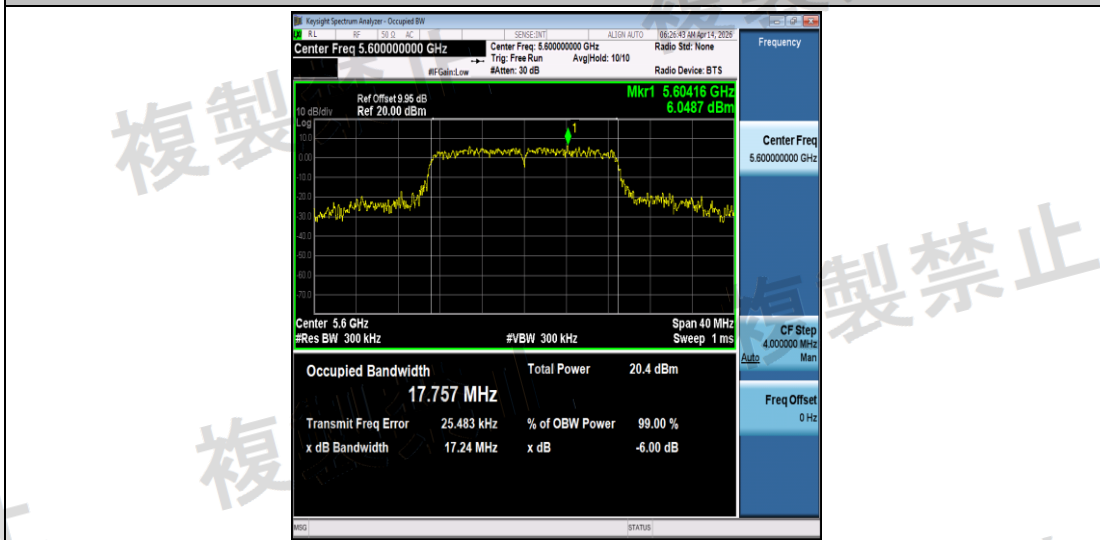
NTNV-11A-Ant1-5600-PASS



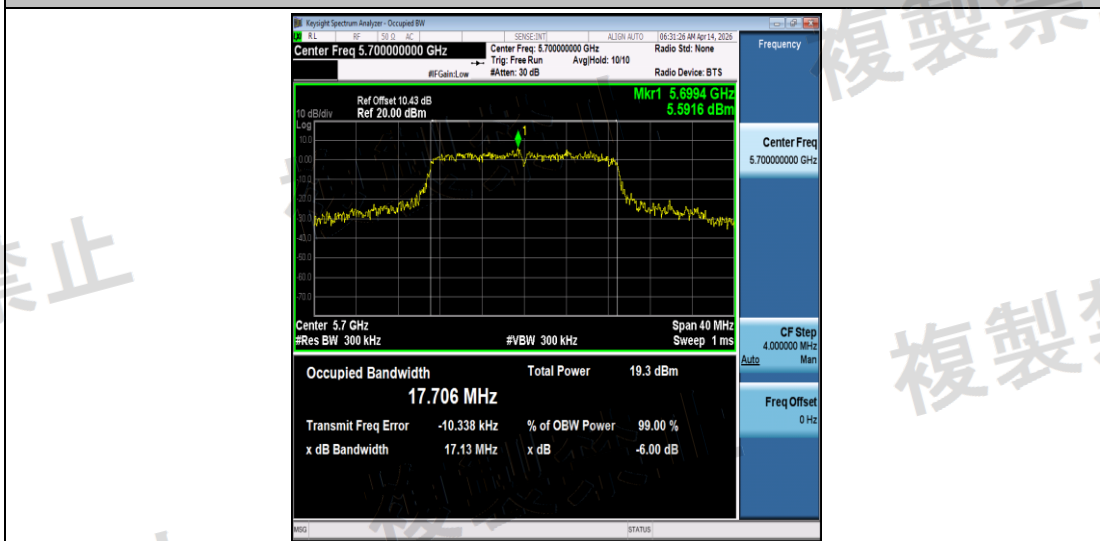
NTNV-11A-Ant1-5700-PASS



NTNV-11N20SISO-Ant1-5500-PASS



NTNV-11N20SISO-Ant1-5600-PASS



NTNV-11N20SISO-Ant1-5700-PASS

Appendix E4: Spread Bandwidth

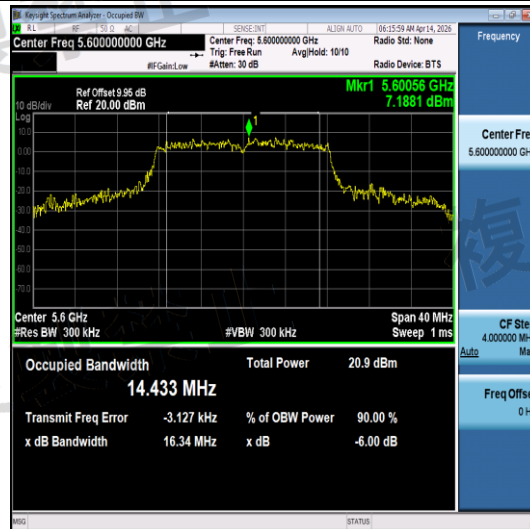
Test Result

TestCondition	TestMode	Antenna	Frequency[MHz]	Result [MHz]	Limit [MHz]	Verdict
NTNV	11A	Ant1	5500	14.450	≥0.5	PASS
NTNV	11A	Ant1	5600	14.433	≥0.5	PASS
NTNV	11A	Ant1	5700	14.702	≥0.5	PASS
NTNV	11N20SI SO	Ant1	5500	15.386	≥0.5	PASS
NTNV	11N20SI SO	Ant1	5600	15.610	≥0.5	PASS
NTNV	11N20SI SO	Ant1	5700	15.584	≥0.5	PASS

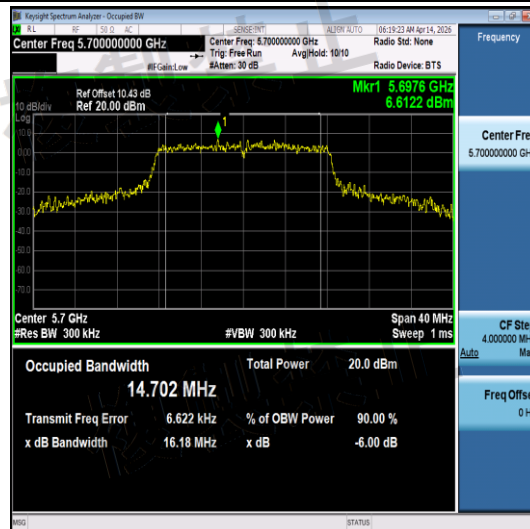
Test Graphs



NTNV-11A-Ant1-5500-PASS



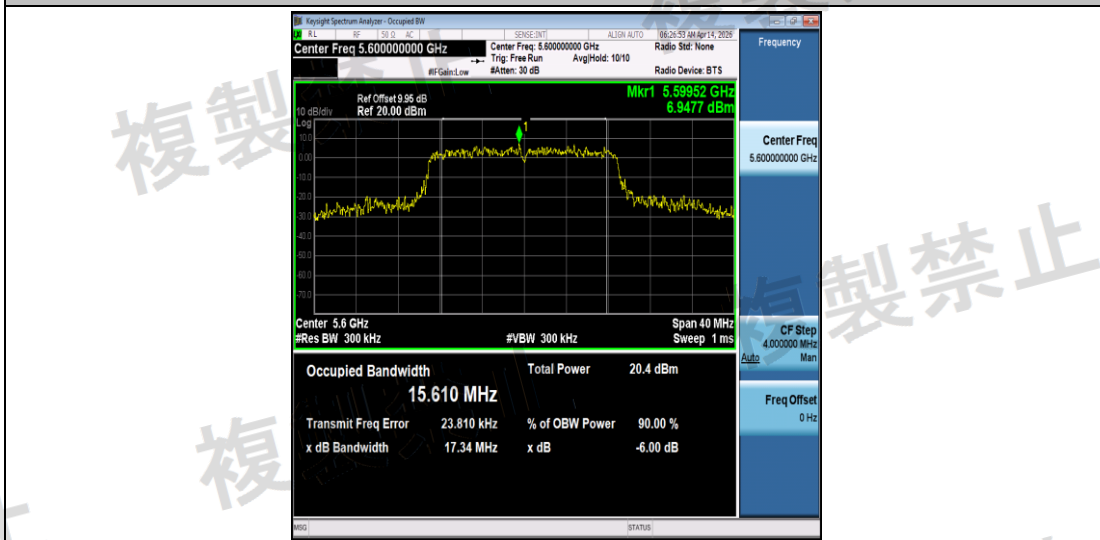
NTNV-11A-Ant1-5600-PASS



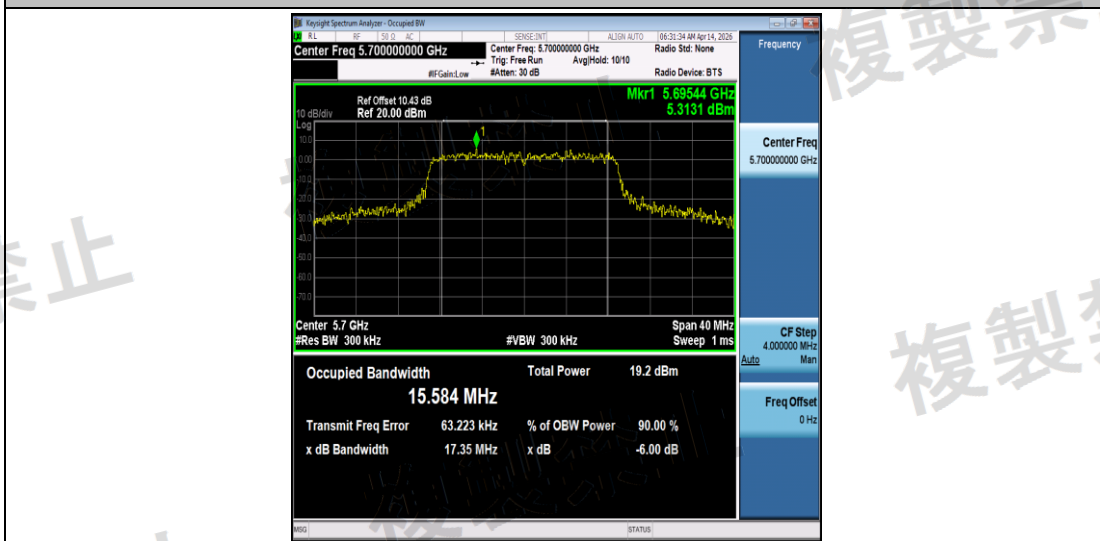
NTNV-11A-Ant1-5700-PASS



NTNV-11N20SISO-Ant1-5500-PASS



NTNV-11N20SISO-Ant1-5600-PASS



NTNV-11N20SISO-Ant1-5700-PASS

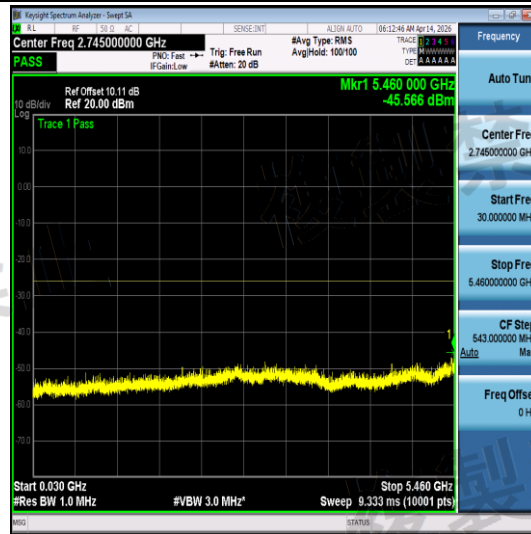
Appendix E5: Spurious Emission of TX

Test Result

TestCondition	TestMode	Antenna	Freq (MHz)	Freq.Range [MHz]	Freq. [MHz]	Result [dBm]	Gain [dBi]	EIRP [dBm]	Result [μW]	Limit [μW]	Verdict
NTNV	11A	Ant1	5500	30~5460	5460.00	-45.57	0	-45.57	0.02773	≤2.5	PASS
NTNV	11A	Ant1	5500	5460~5470	5469.89	-48.58	0	-48.58	0.01387	≤12.5	PASS
NTNV	11A	Ant1	5500	5745~5765	5746.76	-56.28	0	-56.28	0.00236	≤12.5	PASS
NTNV	11A	Ant1	5500	5765~26000	24279.35	-39.91	0	-39.91	0.10209	≤2.5	PASS
NTNV	11A	Ant1	5600	30~5460	5409.50	-47.19	0	-47.19	0.01910	≤2.5	PASS
NTNV	11A	Ant1	5600	5460~5470	5460.27	-55.70	0	-55.70	0.00269	≤12.5	PASS
NTNV	11A	Ant1	5600	5745~5765	5762.02	-55.41	0	-55.41	0.00288	≤12.5	PASS
NTNV	11A	Ant1	5600	5765~26000	24221.34	-40.58	0	-40.58	0.08750	≤2.5	PASS
NTNV	11A	Ant1	5700	30~5460	2534.32	-43.04	0	-43.04	0.04966	≤2.5	PASS
NTNV	11A	Ant1	5700	5460~5470	5462.30	-54.65	0	-54.65	0.00343	≤12.5	PASS
NTNV	11A	Ant1	5700	5745~5765	5745.08	-53.62	0	-53.62	0.00435	≤12.5	PASS
NTNV	11A	Ant1	5700	5765~26000	25571.69	-40.22	0	-40.22	0.09506	≤2.5	PASS
NTNV	11N20SI SO	Ant1	5500	30~5460	5420.90	-46.44	0	-46.44	0.02270	≤2.5	PASS
NTNV	11N20SI SO	Ant1	5500	5460~5470	5469.72	-50.05	0	-50.05	0.00989	≤12.5	PASS
NTNV	11N20SI SO	Ant1	5500	5745~5765	5746.82	-56.23	0	-56.23	0.00238	≤12.5	PASS
NTNV	11N20SI SO	Ant1	5500	5765~26000	24225.39	-40.85	0	-40.85	0.08222	≤2.5	PASS
NTNV	11N20SI SO	Ant1	5600	30~5460	5421.45	-46.29	0	-46.29	0.02350	≤2.5	PASS
NTNV	11N20SI SO	Ant1	5600	5460~5470	5460.59	-56.02	0	-56.02	0.00250	≤12.5	PASS
NTNV	11N20SI SO	Ant1	5600	5745~5765	5764.64	-55.66	0	-55.66	0.00272	≤12.5	PASS

NTNV	11N20SI SO	Ant1	5600	5765~26000	24243.60	-39.47	0	-39.47	0.112 98	≤2.5	PASS
NTNV	11N20SI SO	Ant1	5700	30~5460	5453.48	-46.00	0	-46.00	0.025 12	≤2.5	PASS
NTNV	11N20SI SO	Ant1	5700	5460~5470	5464.37	-55.11	0	-55.11	0.003 08	≤12.5	PASS
NTNV	11N20SI SO	Ant1	5700	5745~5765	5745.00	-54.41	0	-54.41	0.003 62	≤12.5	PASS
NTNV	11N20SI SO	Ant1	5700	5765~26000	23533.35	-40.18	0	-40.18	0.095 94	≤2.5	PASS

Test Graphs



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



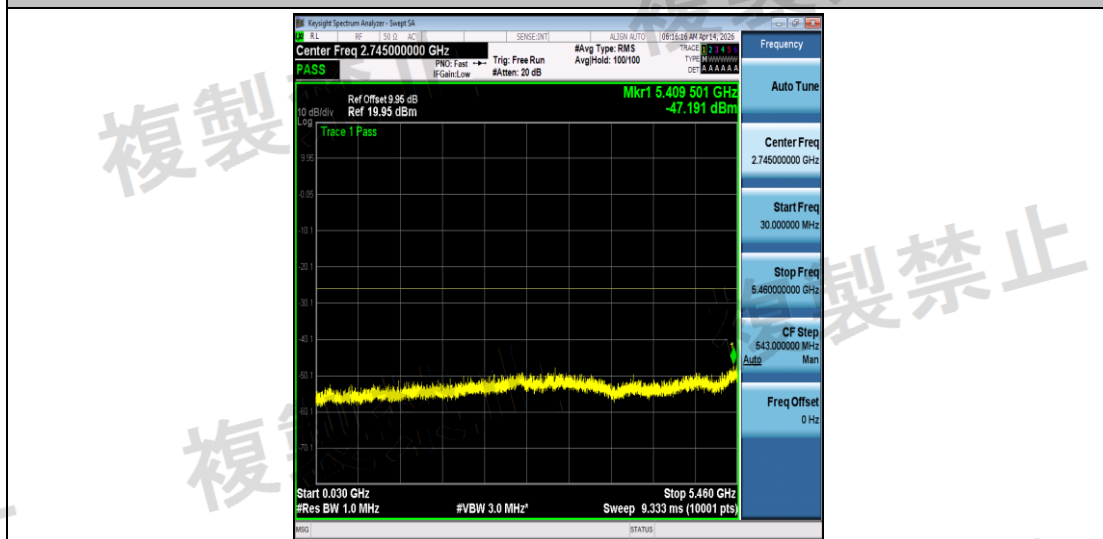
NTNV-11A-Ant1-5500-5460~5470-PASS



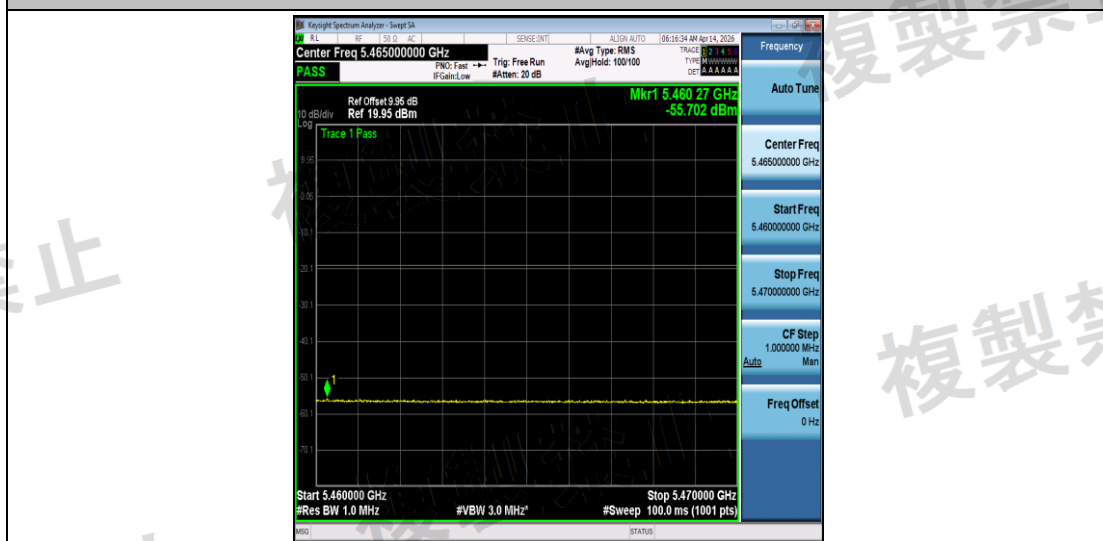
NTNV-11A-Ant1-5500-5745~5765-PASS



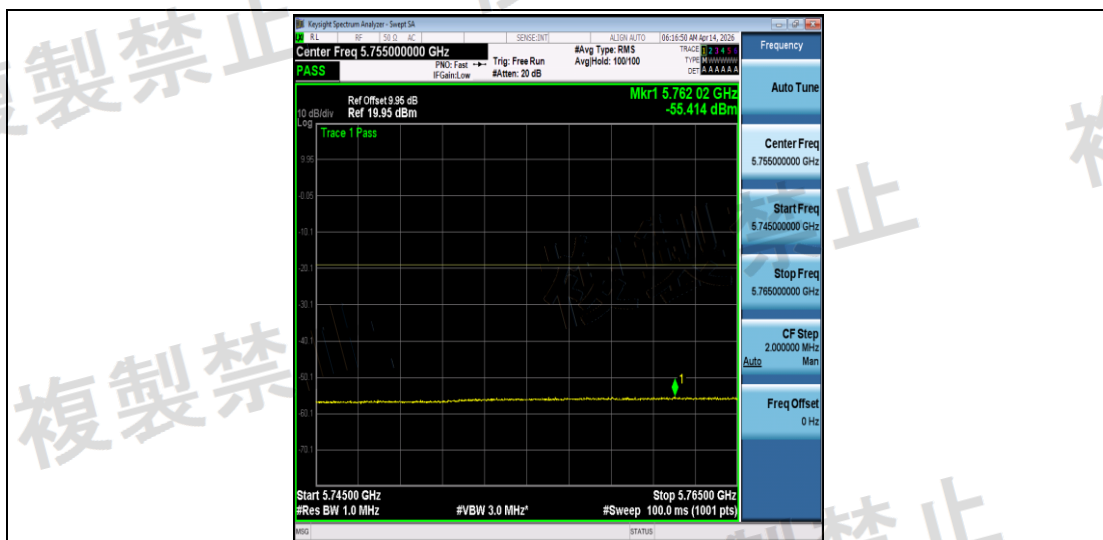
NTNV-11A-Ant1-5500-5765~26000-PASS



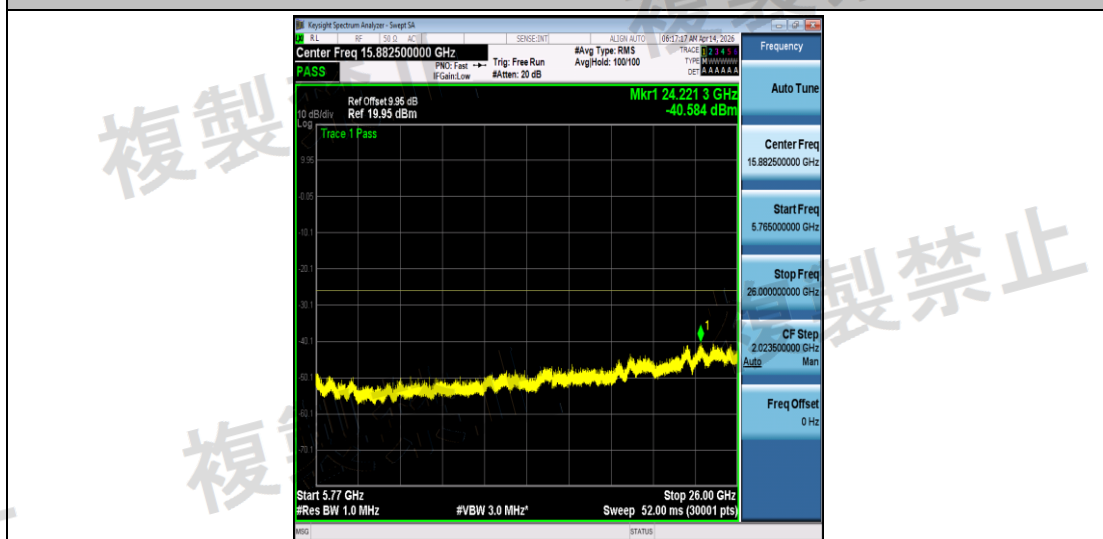
NTNV-11A-Ant1-5600-30~5460-PASS



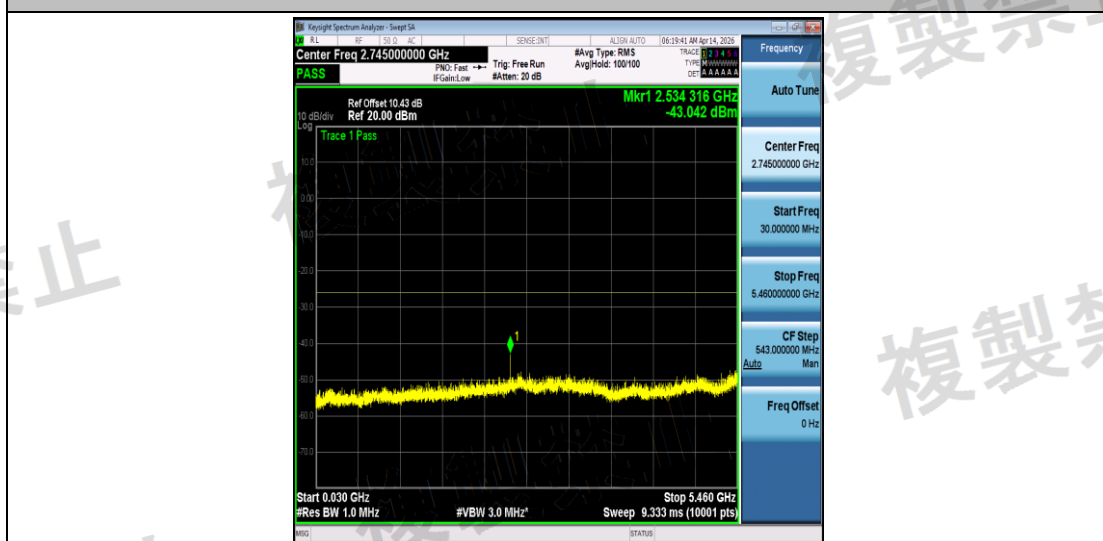
NTNV-11A-Ant1-5600-5460~5470-PASS



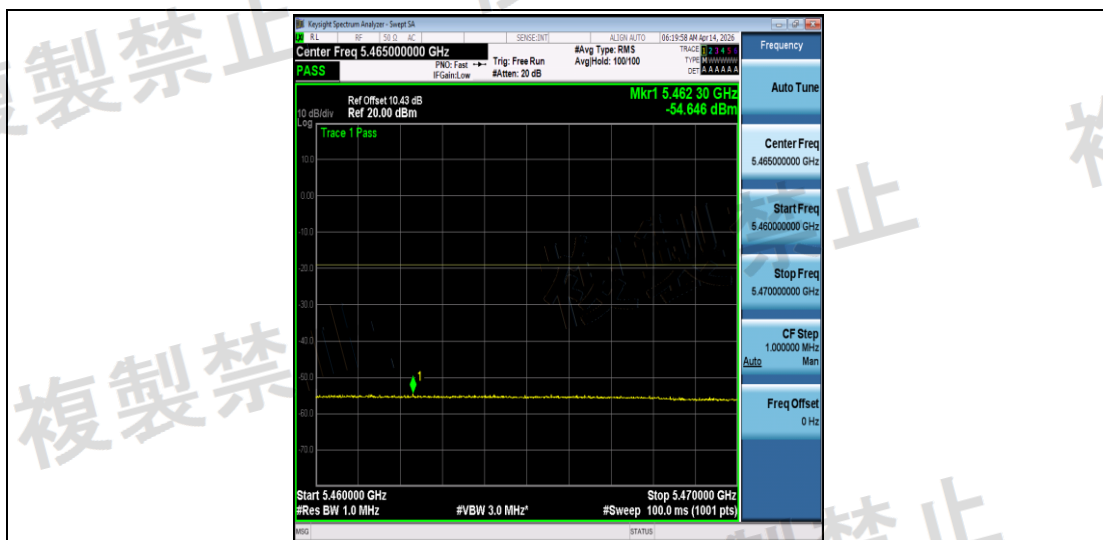
NTNV-11A-Ant1-5600-5745~5765-PASS



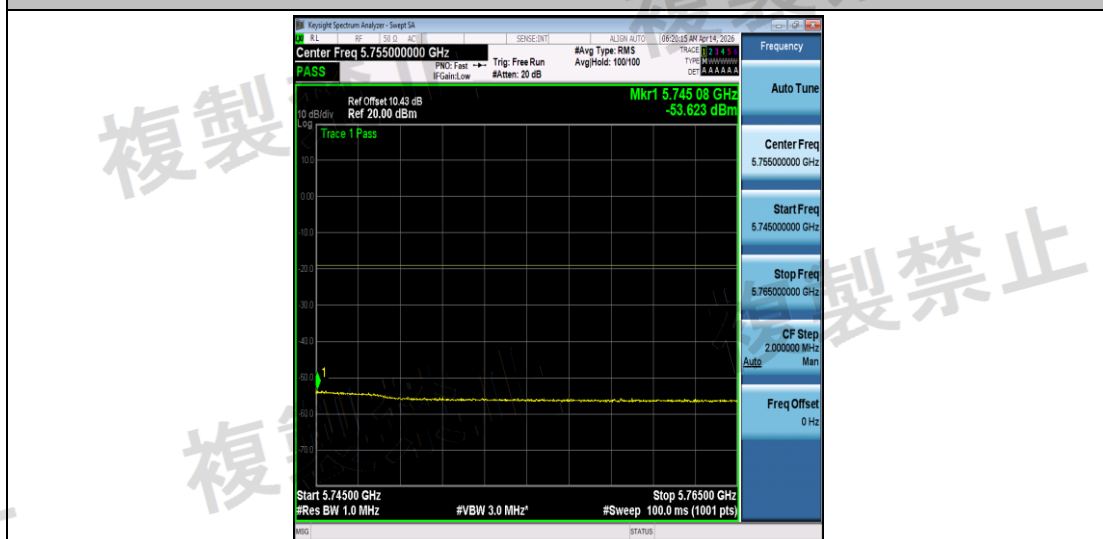
NTNV-11A-Ant1-5600-5765~26000-PASS



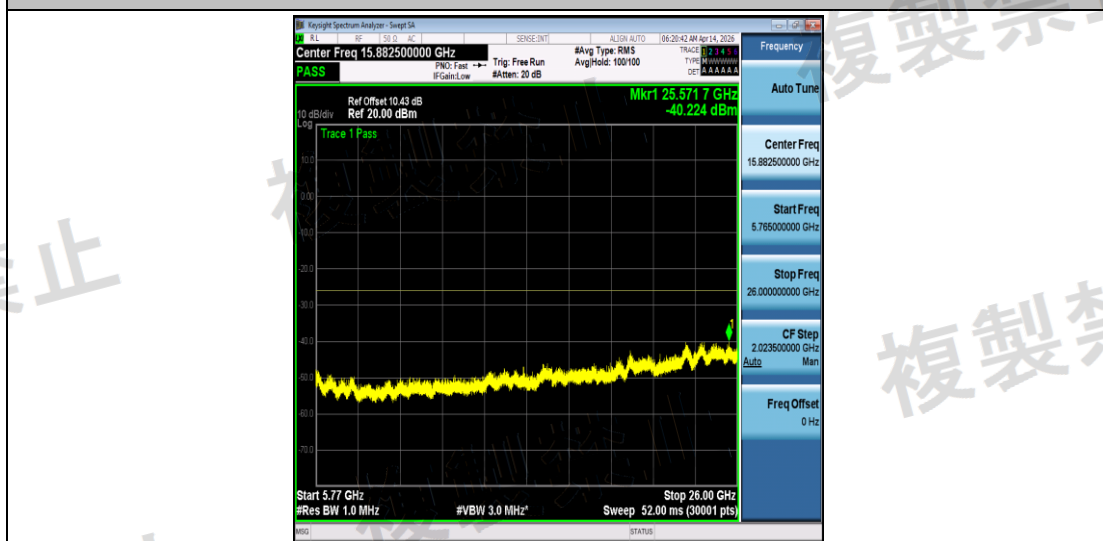
NTNV-11A-Ant1-5700-30~5460-PASS



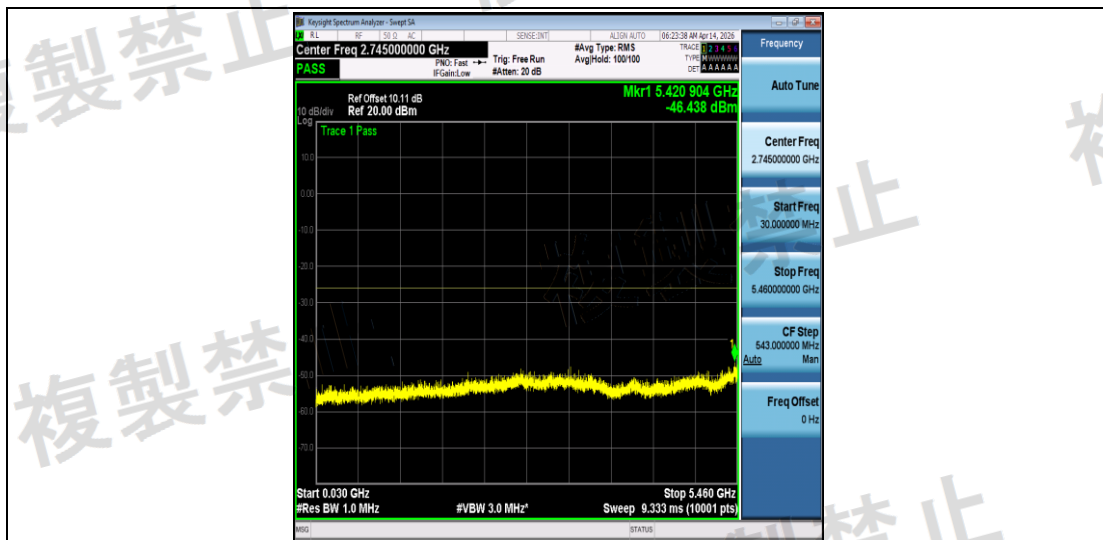
NTNV-11A-Ant1-5700-5460~5470-PASS



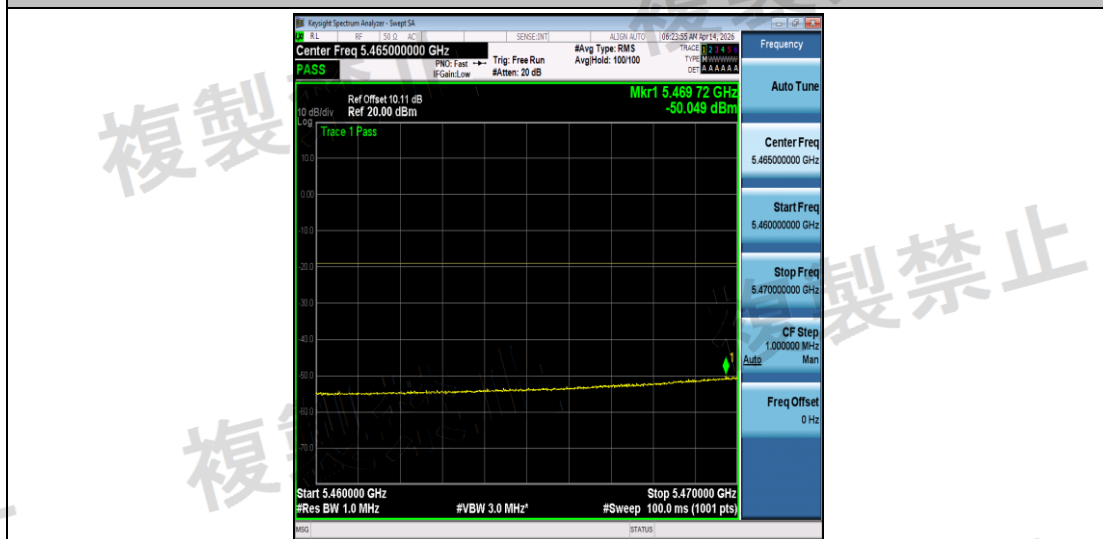
NTNV-11A-Ant1-5700-5745~5765-PASS



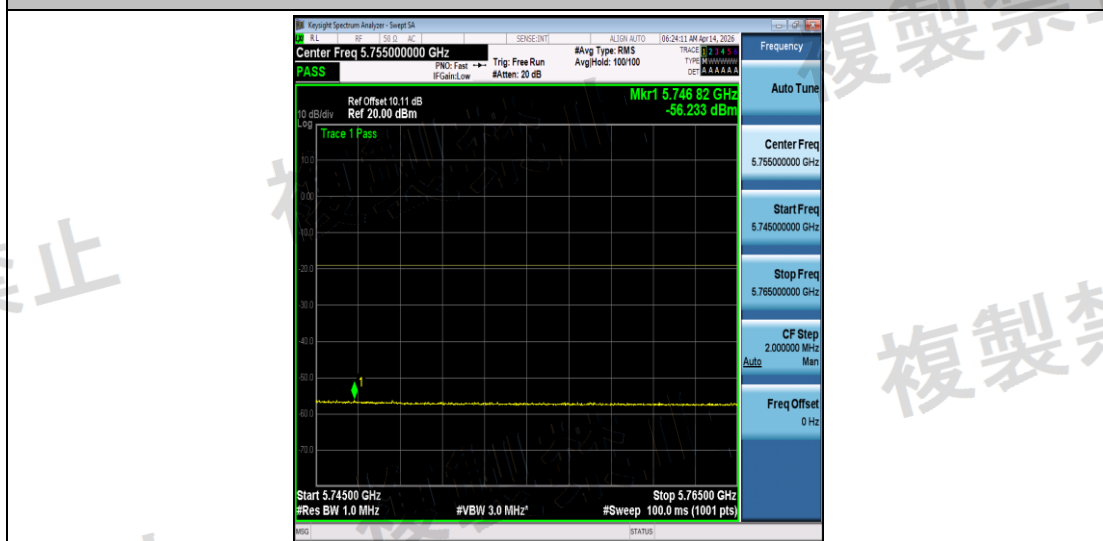
NTNV-11A-Ant1-5700-5765~26000-PASS



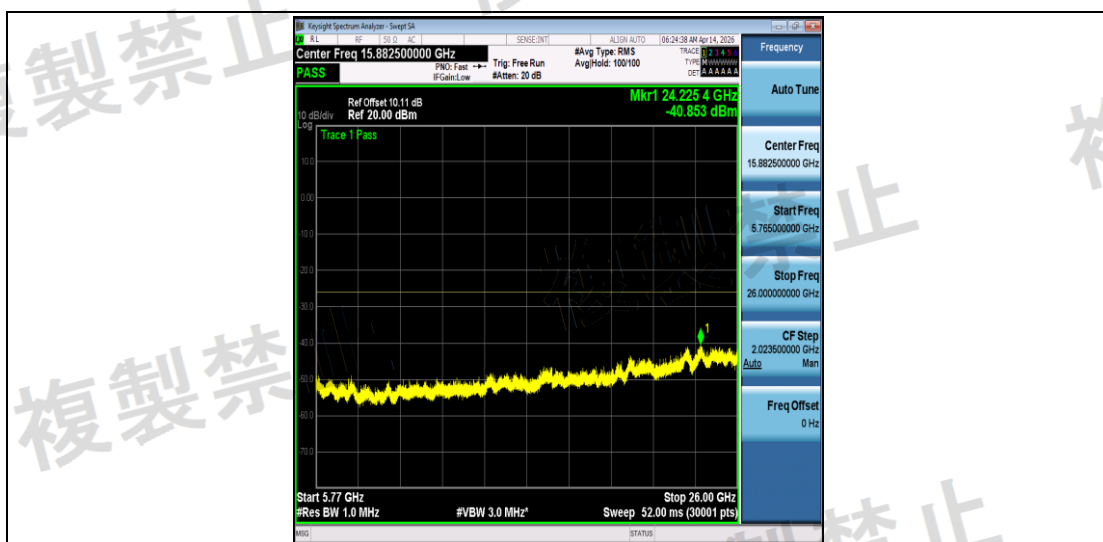
NTNV-11N20SISO-Ant1-5500-30~5460-PASS



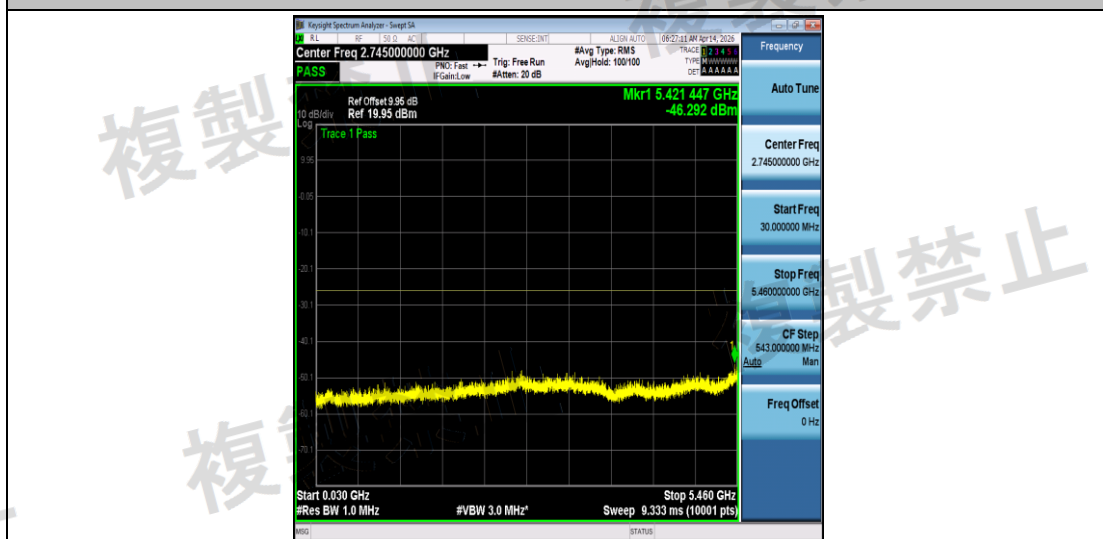
NTNV-11N20SISO-Ant1-5500-5460~5470-PASS



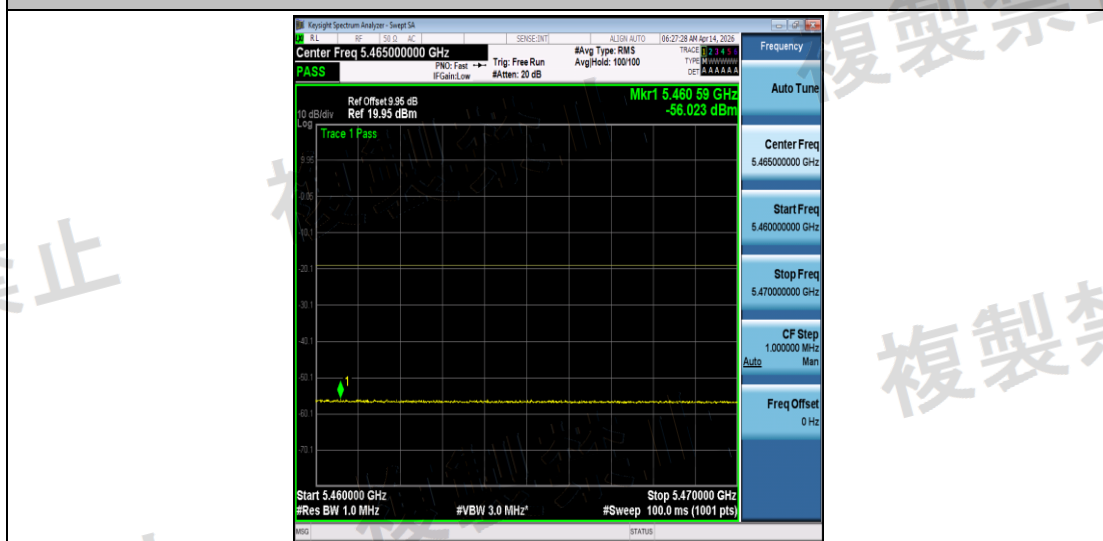
NTNV-11N20SISO-Ant1-5500-5745~5765-PASS



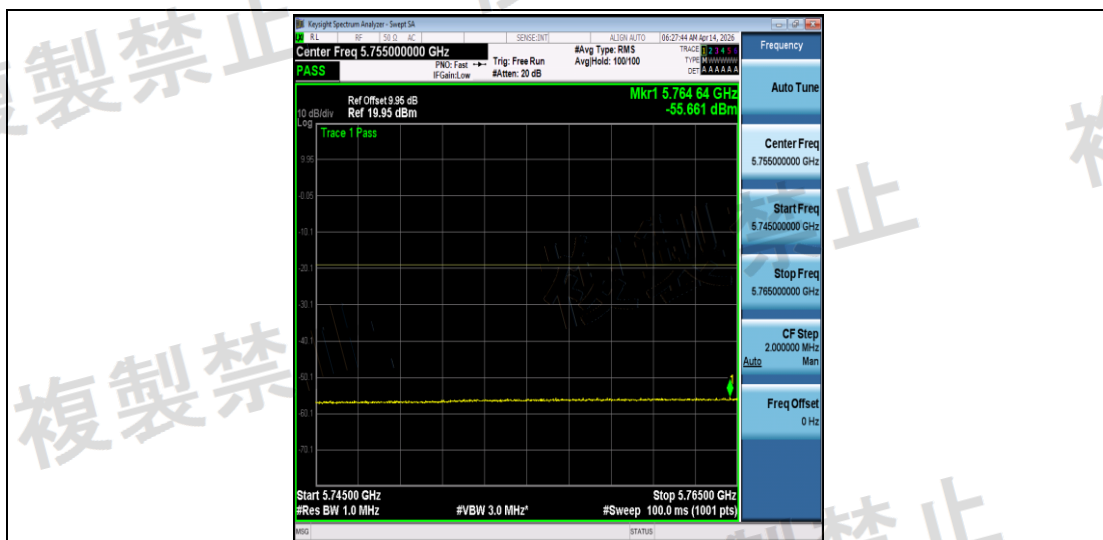
NTNV-11N20SISO-Ant1-5500-5765~26000-PASS



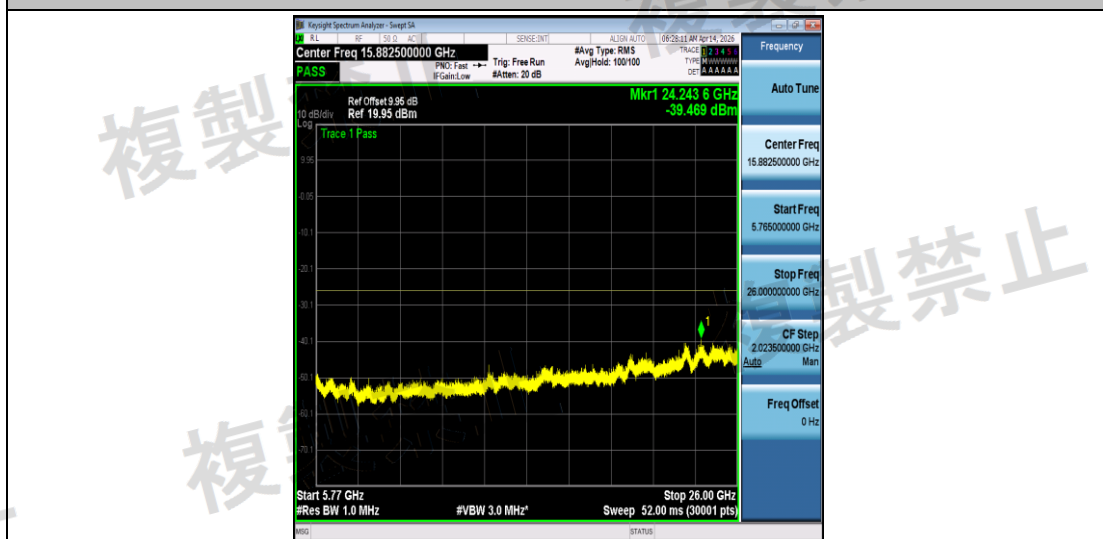
NTNV-11N20SISO-Ant1-5600-30~5460-PASS



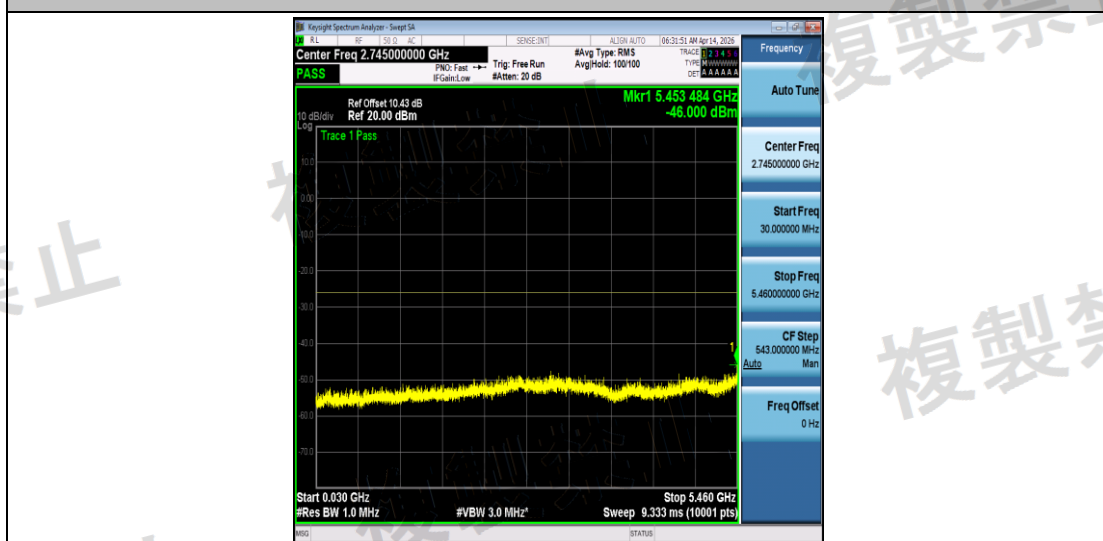
NTNV-11N20SISO-Ant1-5600-5460~5470-PASS



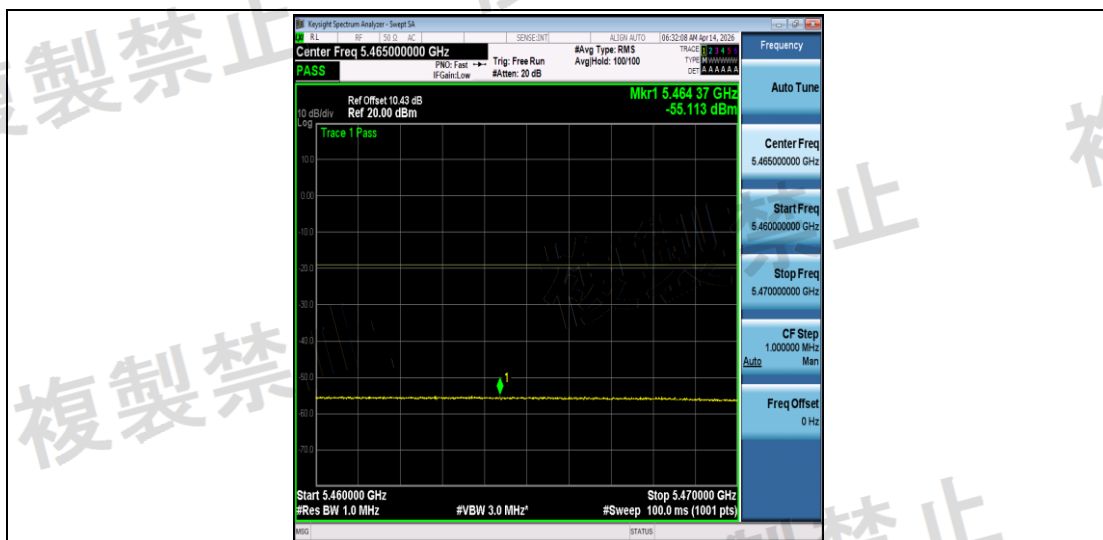
NTNV-11N20SISO-Ant1-5600-5745~5765-PASS



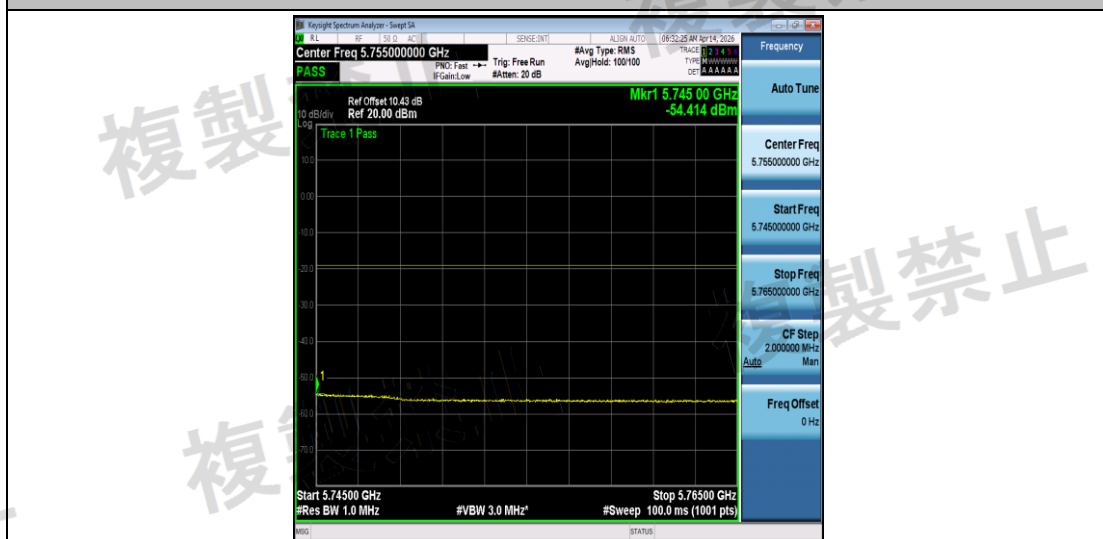
NTNV-11N20SISO-Ant1-5600-5765~26000-PASS



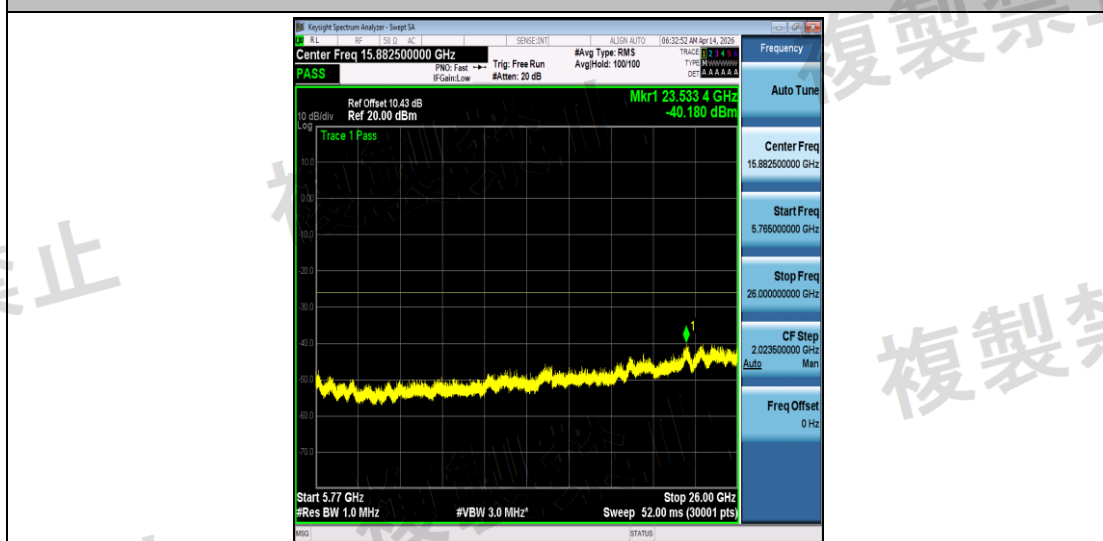
NTNV-11N20SISO-Ant1-5700-30~5460-PASS



NTNV-11N20SISO-Ant1-5700-5460~5470-PASS



NTNV-11N20SISO-Ant1-5700-5745~5765-PASS



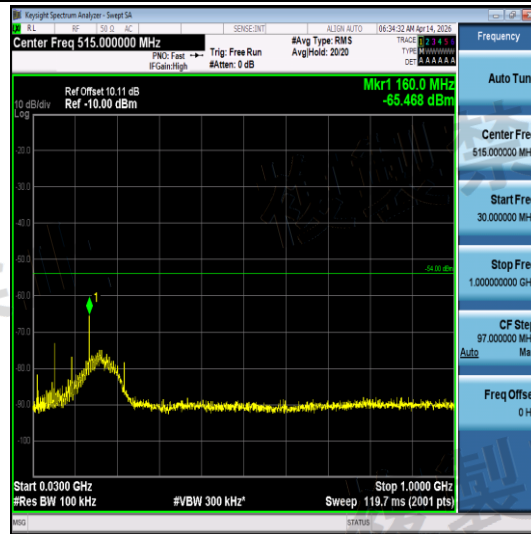
NTNV-11N20SISO-Ant1-5700-5765~26000-PASS

Appendix E6: Spurious Emission of RX

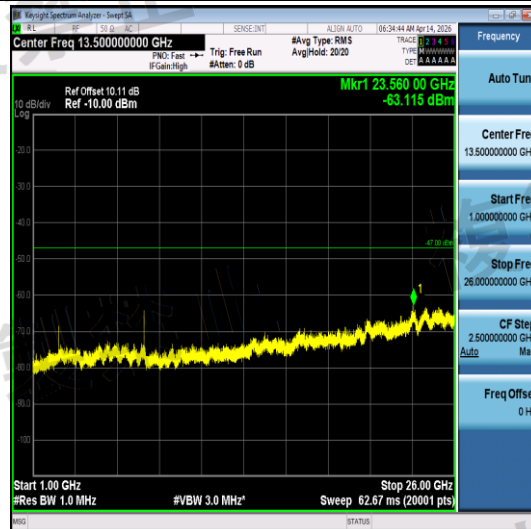
Test Result

TestCondition	TestMode	Antenna	Frequency[MHz]	Freq.Range [MHz]	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	11A	Ant1	5500	30~1000	159.98	-65.47	≤-54	0.28379	≤4	PASS
NTNV	11A	Ant1	5500	1000~26000	23560.00	-63.12	≤-47	0.48753	≤20	PASS
NTNV	11A	Ant1	5600	30~1000	159.98	-65.55	≤-54	0.27861	≤4	PASS
NTNV	11A	Ant1	5600	1000~26000	25255.00	-63.10	≤-47	0.48978	≤20	PASS
NTNV	11A	Ant1	5700	30~1000	159.98	-65.11	≤-54	0.30832	≤4	PASS
NTNV	11A	Ant1	5700	1000~26000	23556.25	-62.92	≤-47	0.51050	≤20	PASS
NTNV	11N20SI SO	Ant1	5500	30~1000	159.98	-64.93	≤-54	0.32137	≤4	PASS
NTNV	11N20SI SO	Ant1	5500	1000~26000	24361.25	-62.63	≤-47	0.54576	≤20	PASS
NTNV	11N20SI SO	Ant1	5600	30~1000	159.98	-65.48	≤-54	0.28314	≤4	PASS
NTNV	11N20SI SO	Ant1	5600	1000~26000	23530.00	-63.35	≤-47	0.46238	≤20	PASS
NTNV	11N20SI SO	Ant1	5700	30~1000	159.98	-64.76	≤-54	0.33420	≤4	PASS
NTNV	11N20SI SO	Ant1	5700	1000~26000	24262.50	-62.38	≤-47	0.57810	≤20	PASS

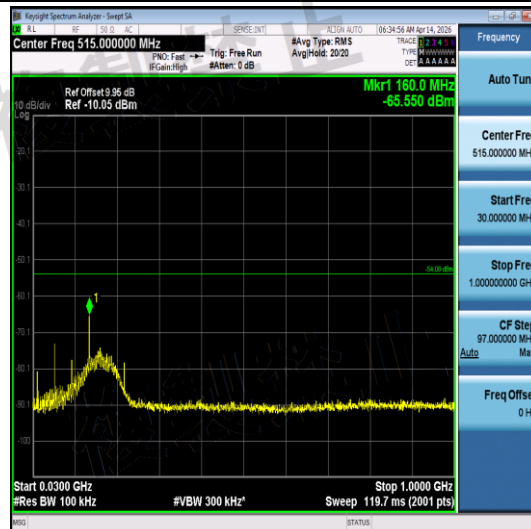
Test Graphs



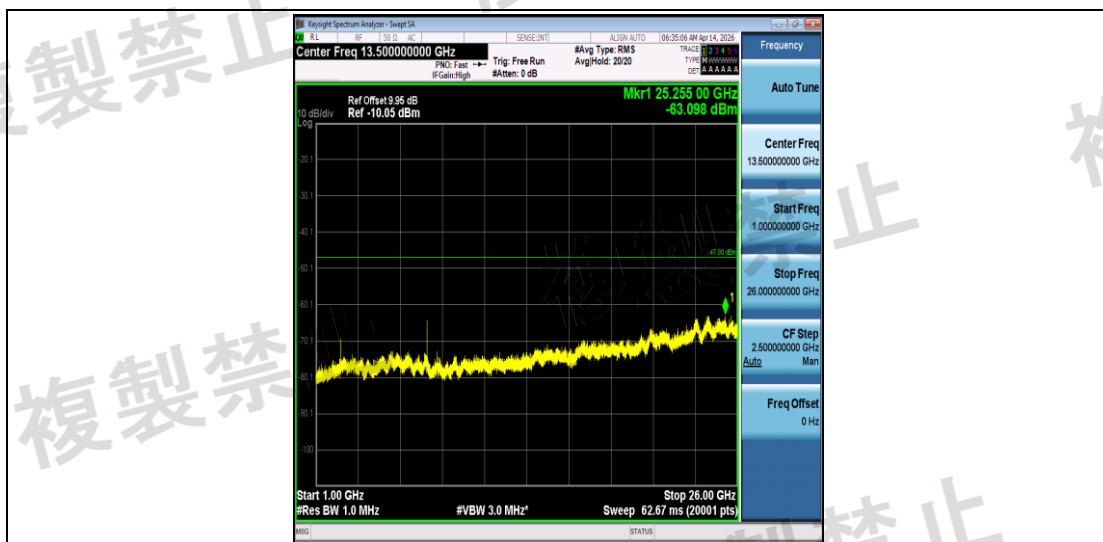
NTNV-11A-Ant1-5500-30~1000-PASS



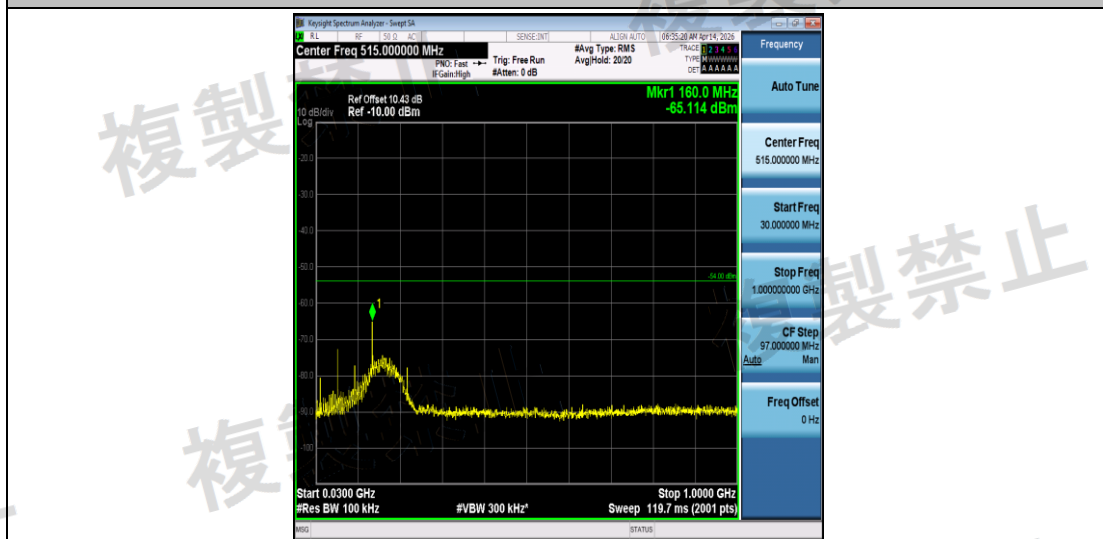
NTNV-11A-Ant1-5500-1000~26000-PASS



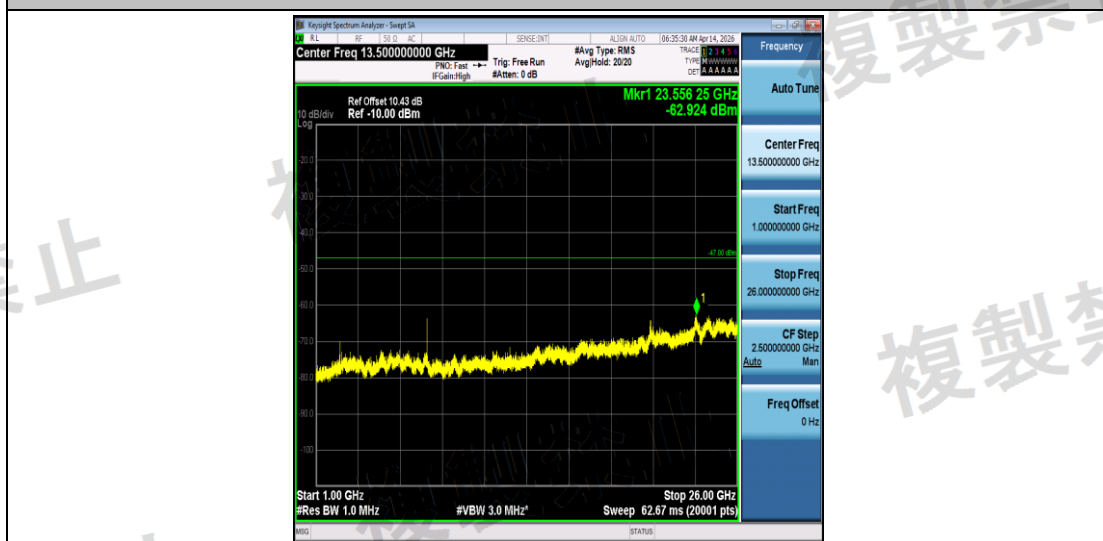
NTNV-11A-Ant1-5600-30~1000-PASS



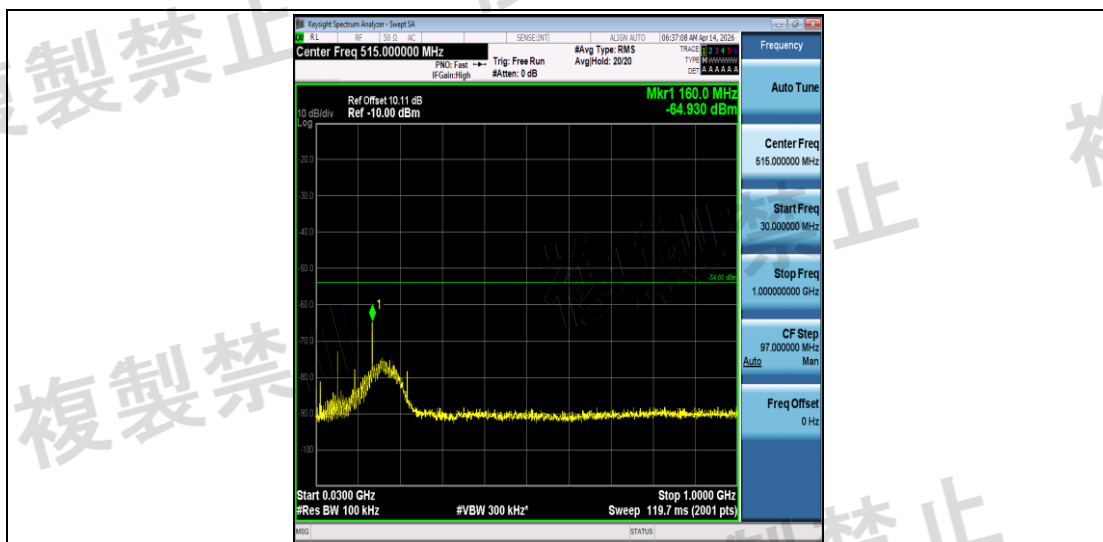
NTNV-11A-Ant1-5600-1000~26000-PASS



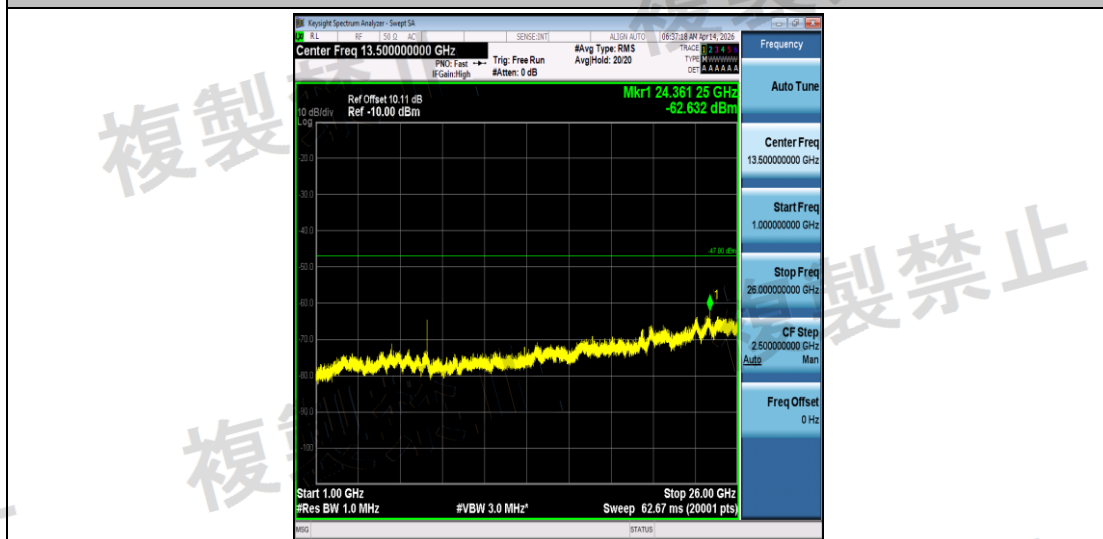
NTNV-11A-Ant1-5700-30~1000-PASS



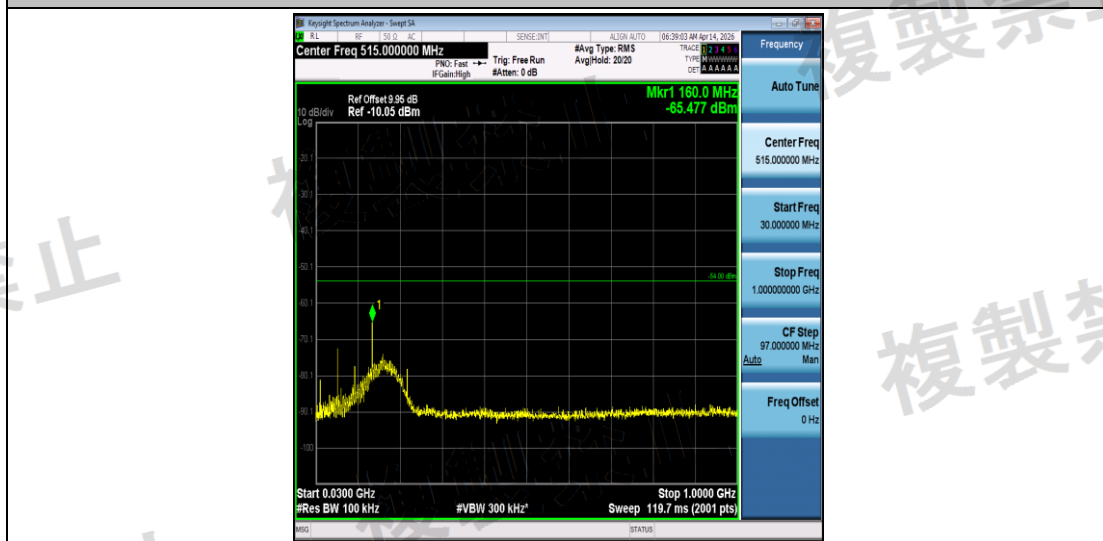
NTNV-11A-Ant1-5700-1000~26000-PASS



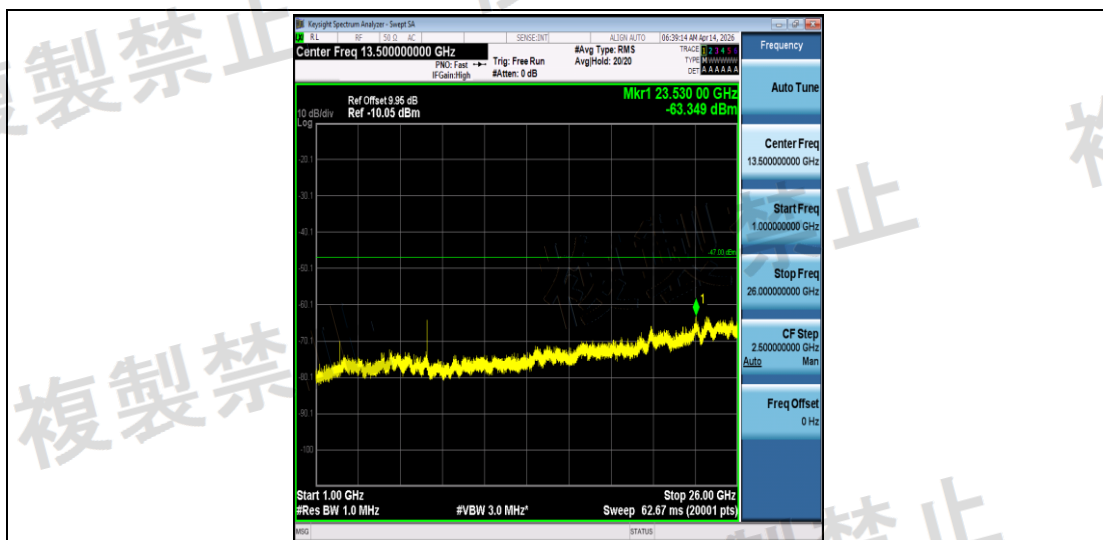
NTNV-11N20SISO-Ant1-5500-30~1000-PASS



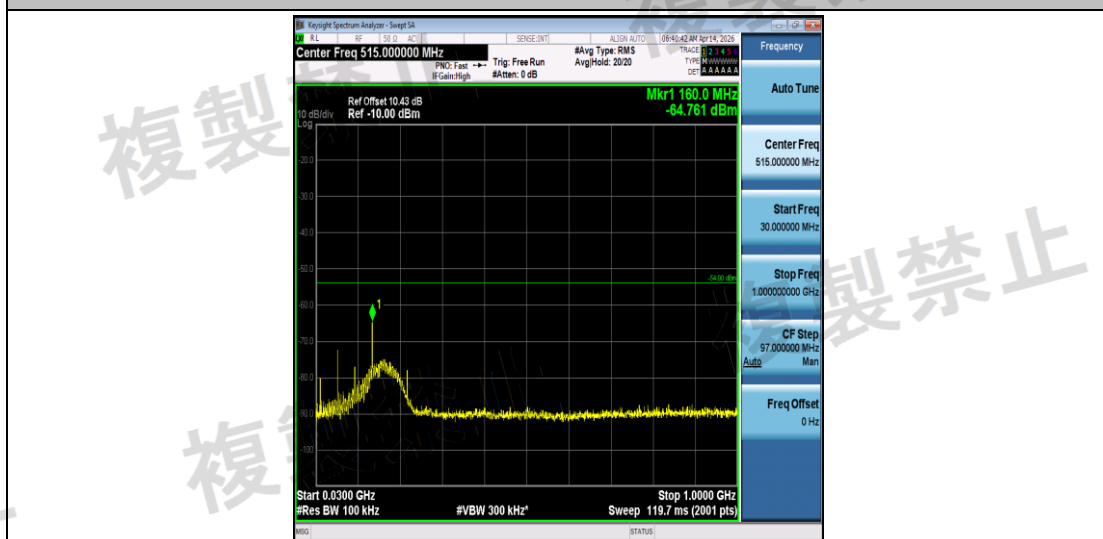
NTNV-11N20SISO-Ant1-5500-1000~26000-PASS



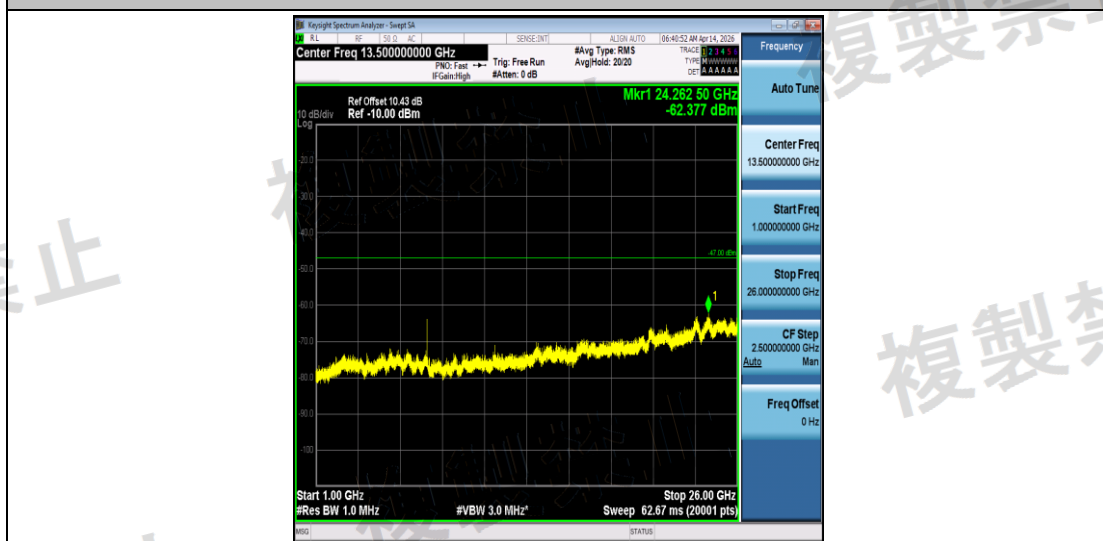
NTNV-11N20SISO-Ant1-5600-30~1000-PASS



NTNV-11N20SISO-Ant1-5600-1000~26000-PASS



NTNV-11N20SISO-Ant1-5700-30~1000-PASS



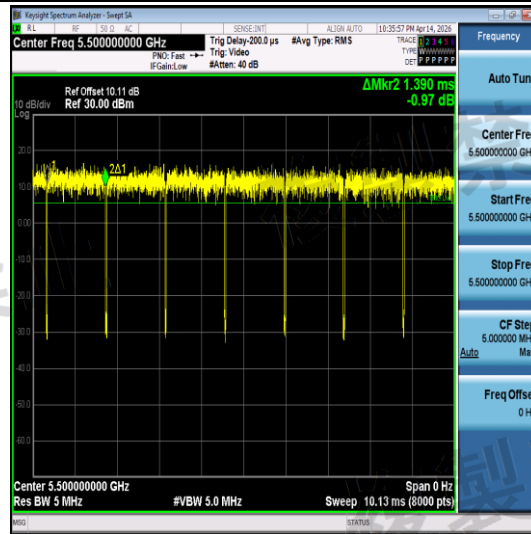
NTNV-11N20SISO-Ant1-5700-1000~26000-PASS

Appendix E7: Transmission Burst Length

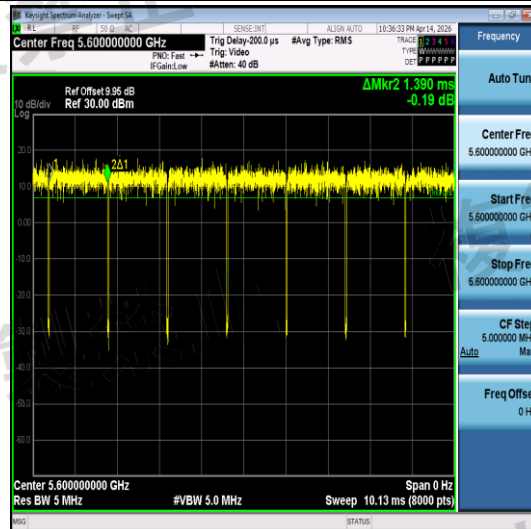
Test Result

TestCondition	TestMode	Antenna	Frequency[MHz]	Result[ms]	Limit[ms]	Verdict
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	5500	1.30	≤8	PASS
NTNV	11N20SI SO	Ant1	5600	1.30	≤8	PASS
NTNV	11N20SI SO	Ant1	5700	1.30	≤8	PASS

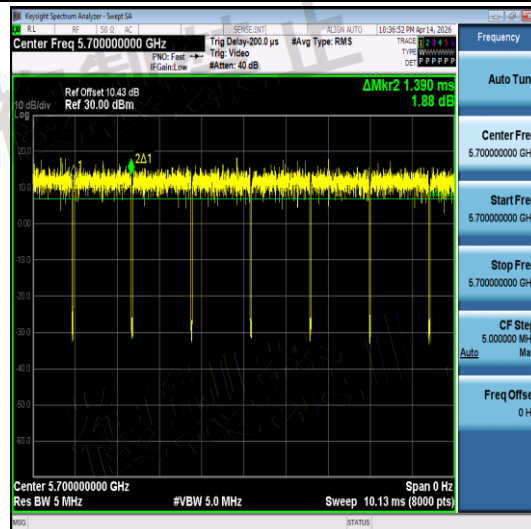
Test Graphs



NTNV-11A-Ant1-5500-PASS



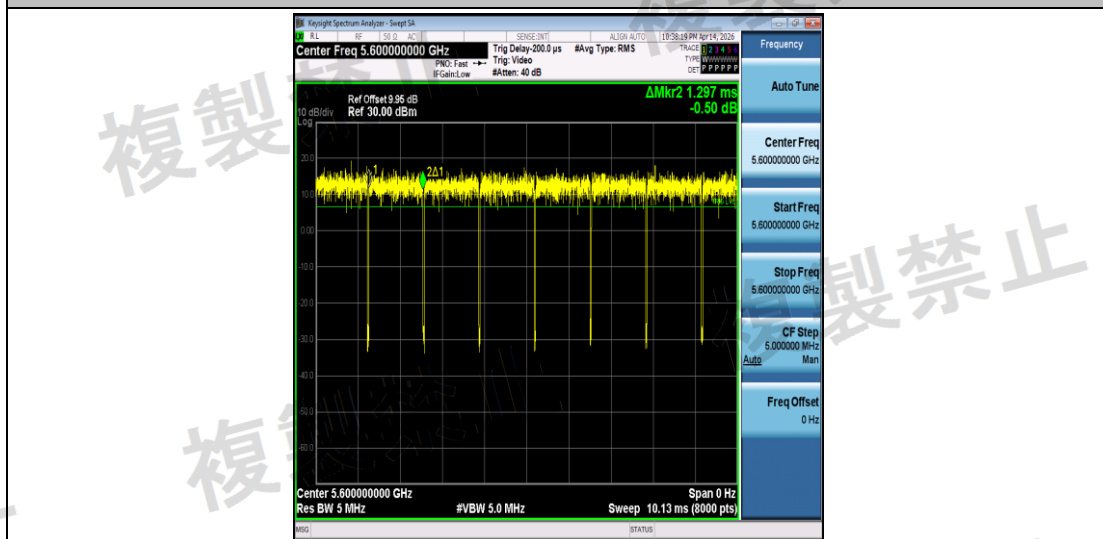
NTNV-11A-Ant1-5600-PASS



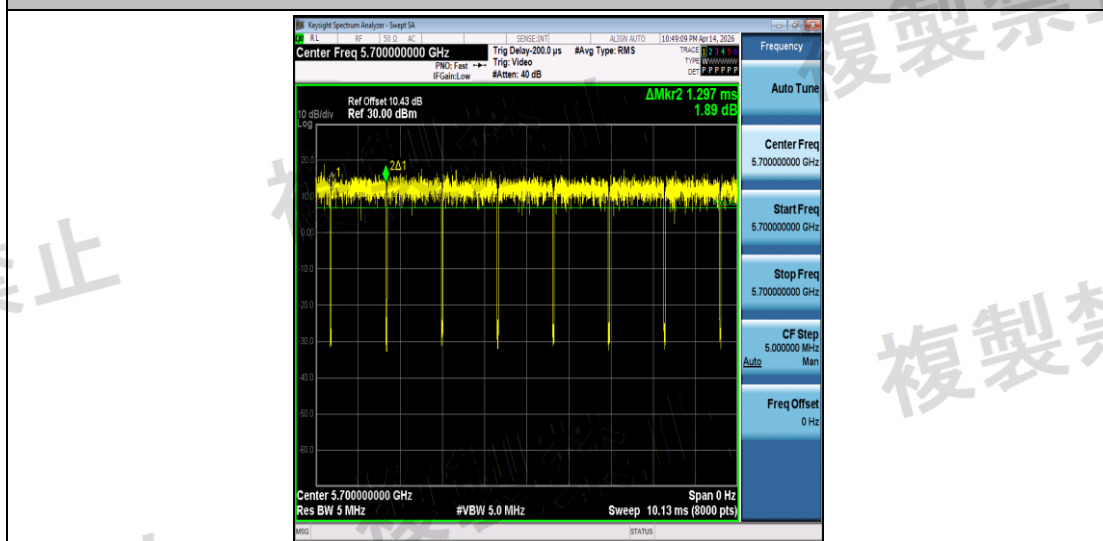
NTNV-11A-Ant1-5700-PASS



NTVN-11N20SISO-Ant1-5500-PASS



NTVN-11N20SISO-Ant1-5600-PASS



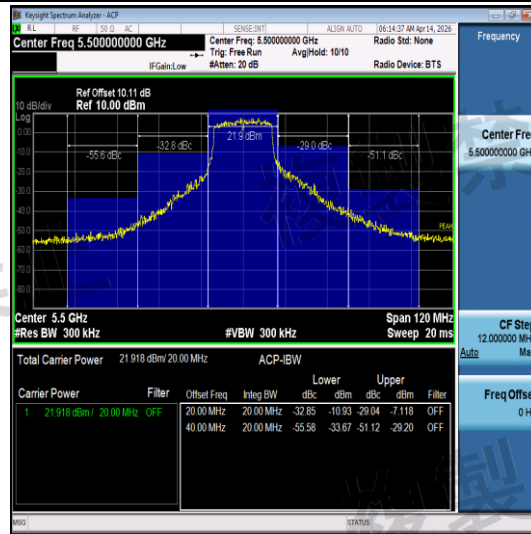
NTVN-11N20SISO-Ant1-5700-PASS

Appendix E8: Adjacent Channel Power Tolerance

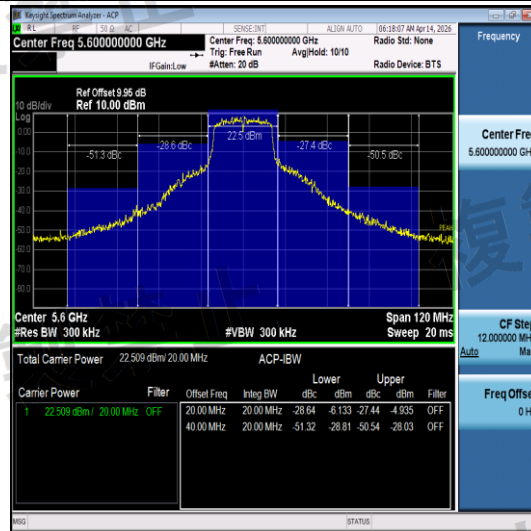
Test Result

TestCondition	TestMode	Antenna	Frequency [MHz]	Offset [MHz]	Result [dBc]	Limit [dBc]	Verdict
NTNV	11A	Ant1	5500	-40	-55.58	≤-40	PASS
NTNV	11A	Ant1	5500	-20	-32.85	≤-25	PASS
NTNV	11A	Ant1	5500	+20	-29.04	≤-25	PASS
NTNV	11A	Ant1	5500	+40	-51.12	≤-40	PASS
NTNV	11A	Ant1	5600	-40	-51.32	≤-40	PASS
NTNV	11A	Ant1	5600	-20	-28.64	≤-25	PASS
NTNV	11A	Ant1	5600	+20	-27.44	≤-25	PASS
NTNV	11A	Ant1	5600	+40	-50.54	≤-40	PASS
NTNV	11A	Ant1	5700	-40	-50.93	≤-40	PASS
NTNV	11A	Ant1	5700	-20	-27.07	≤-25	PASS
NTNV	11A	Ant1	5700	+20	-27.30	≤-25	PASS
NTNV	11A	Ant1	5700	+40	-53.04	≤-40	PASS
NTNV	11N20SI SO	Ant1	5500	-40	-56.05	≤-40	PASS
NTNV	11N20SI SO	Ant1	5500	-20	-34.27	≤-25	PASS
NTNV	11N20SI SO	Ant1	5500	+20	-31.02	≤-25	PASS
NTNV	11N20SI SO	Ant1	5500	+40	-52.29	≤-40	PASS
NTNV	11N20SI SO	Ant1	5600	-40	-48.27	≤-40	PASS
NTNV	11N20SI SO	Ant1	5600	-20	-28.17	≤-25	PASS
NTNV	11N20SI SO	Ant1	5600	+20	-27.02	≤-25	PASS
NTNV	11N20SI SO	Ant1	5600	+40	-47.32	≤-40	PASS
NTNV	11N20SI SO	Ant1	5700	-40	-52.75	≤-40	PASS
NTNV	11N20SI SO	Ant1	5700	-20	-28.64	≤-25	PASS
NTNV	11N20SI SO	Ant1	5700	+20	-28.50	≤-25	PASS
NTNV	11N20SI SO	Ant1	5700	+40	-53.70	≤-40	PASS

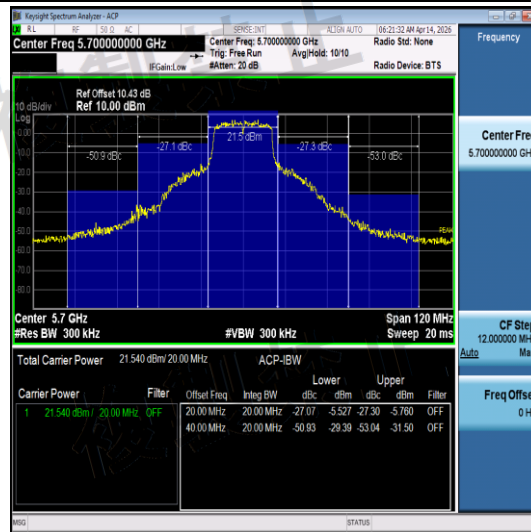
Test Graphs



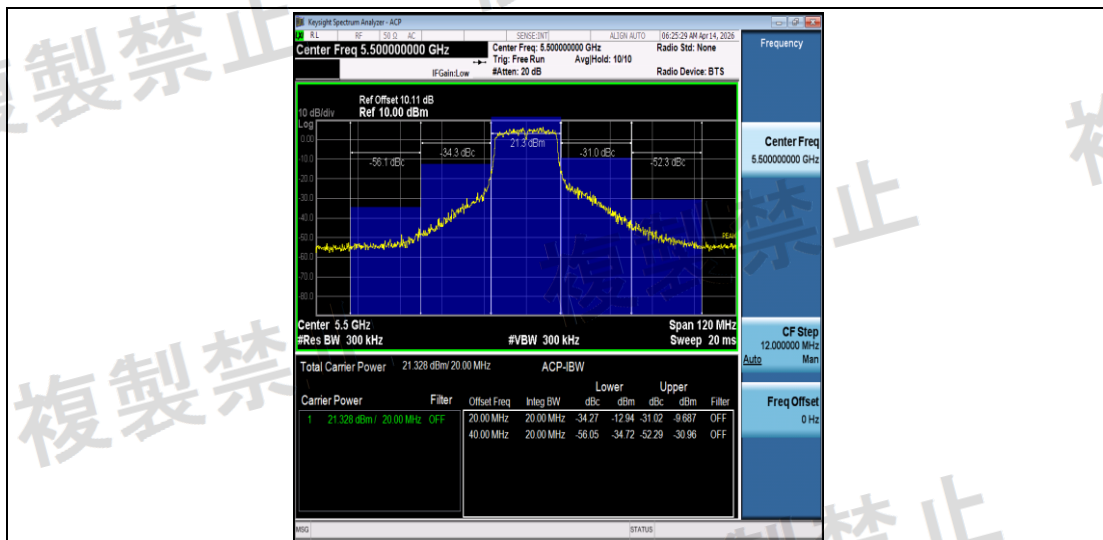
NTNV-11A-Ant1-5500-PASS



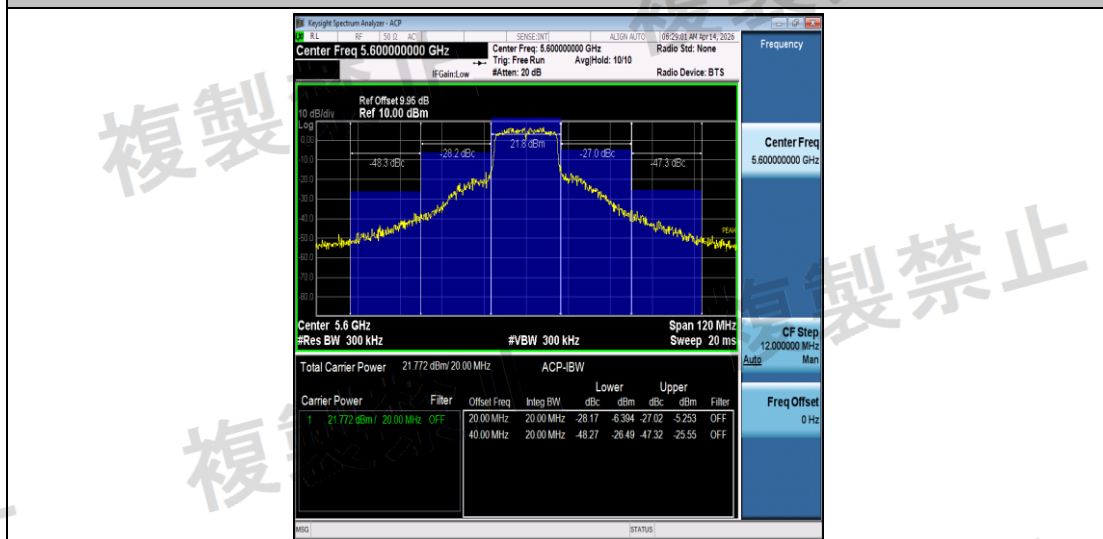
NTNV-11A-Ant1-5600-PASS



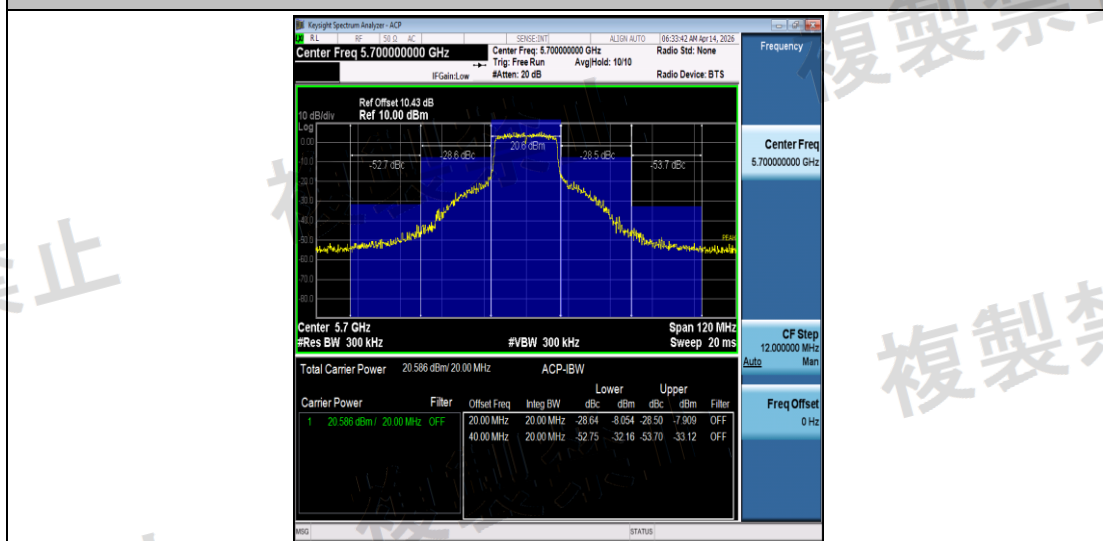
NTNV-11A-Ant1-5700-PASS



NTNV-11N20SISO-Ant1-5500-PASS



NTNV-11N20SISO-Ant1-5600-PASS



NTNV-11N20SISO-Ant1-5700-PASS

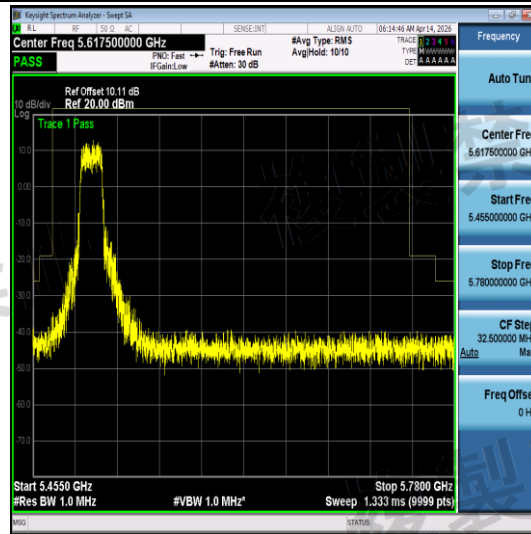
Appendix E9: Out band Emission Power

Test Result

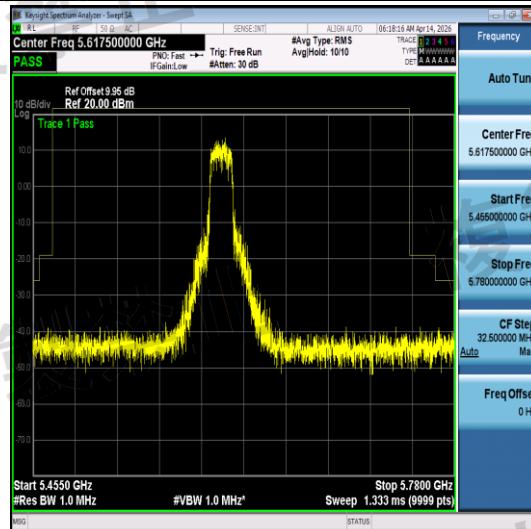
TestCondition	TestMode	Antenna	Channel	FreRang [MHz]	Max.Freq [MHz]	Result [dBm]	Gain [dB]	EIRP [dBm]	Limit [dBm]	EIRP [μW]	Limit [μW]	Verdict
NTNV	11A	Ant1	5500	5455~5460	5455.26	-38.71	0	-38.7 1	-26.0 2	0.134 59	2.5	PASS
NTNV	11A	Ant1	5500	5460~5470	5469.27	-35.92	0	-35.9 2	-19.0 3	0.255 86	12.5	PASS
NTNV	11A	Ant1	5500	5745~5765	5751.17	-39.73	0	-39.7 3	-19.0 3	0.106 41	12.5	PASS
NTNV	11A	Ant1	5500	5765~5780	5776.68	-40.71	0	-40.7 1	-26.0 2	0.084 92	2.5	PASS
NTNV	11A	Ant1	5600	5455~5460	5459.62	-40.16	0	-40.1 6	-26.0 2	0.096 38	2.5	PASS
NTNV	11A	Ant1	5600	5460~5470	5466.67	-38.93	0	-38.9 3	-19.0 3	0.127 94	12.5	PASS
NTNV	11A	Ant1	5600	5745~5765	5753.60	-38.82	0	-38.8 2	-19.0 3	0.131 22	12.5	PASS
NTNV	11A	Ant1	5600	5765~5780	5767.71	-38.92	0	-38.9 2	-26.0 2	0.128 23	2.5	PASS
NTNV	11A	Ant1	5700	5455~5460	5458.97	-37.20	0	-37.2	-26.0 2	0.190 55	2.5	PASS
NTNV	11A	Ant1	5700	5460~5470	5466.83	-38.50	0	-38.5	-19.0 3	0.141 25	12.5	PASS
NTNV	11A	Ant1	5700	5745~5765	5752.34	-38.68	0	-38.6 8	-19.0 3	0.135 52	12.5	PASS
NTNV	11A	Ant1	5700	5765~5780	5777.66	-39.70	0	-39.7	-26.0 2	0.107 15	2.5	PASS
NTNV	11N20SI SO	Ant1	5500	5455~5460	5455.78	-39.60	0	-39.6	-26.0 2	0.109 65	2.5	PASS
NTNV	11N20SI SO	Ant1	5500	5460~5470	5463.87	-37.55	0	-37.5 5	-19.0 3	0.175 79	12.5	PASS
NTNV	11N20SI SO	Ant1	5500	5745~5765	5761.76	-39.17	0	-39.1 7	-19.0 3	0.121 06	12.5	PASS
NTNV	11N20SI SO	Ant1	5500	5765~5780	5766.93	-40.54	0	-40.5 4	-26.0 2	0.088 31	2.5	PASS
NTNV	11N20SI SO	Ant1	5600	5455~5460	5458.06	-36.73	0	-36.7 3	-26.0 2	0.212 32	2.5	PASS
NTNV	11N20SI SO	Ant1	5600	5460~5470	5461.11	-39.01	0	-39.0 1	-19.0 3	0.125 60	12.5	PASS
NTNV	11N20SI SO	Ant1	5600	5745~5765	5753.12	-39.56	0	-39.5 6	-19.0 3	0.110 66	12.5	PASS

NTNV	11N20SI SO	Ant1	5600	5765~5780	5775.97	-40.05	0	-40.0 5	-26.0 2	0.098 86	2.5	PASS
NTNV	11N20SI SO	Ant1	5700	5455~5460	5459.03	-39.40	0	-39.4	-26.0 2	0.114 82	2.5	PASS
NTNV	11N20SI SO	Ant1	5700	5460~5470	5461.01	-39.74	0	-39.7 4	-19.0 3	0.106 17	12.5	PASS
NTNV	11N20SI SO	Ant1	5700	5745~5765	5750.91	-39.72	0	-39.7 2	-19.0 3	0.106 66	12.5	PASS
NTNV	11N20SI SO	Ant1	5700	5765~5780	5769.70	-38.97	0	-38.9 7	-26.0 2	0.126 77	2.5	PASS

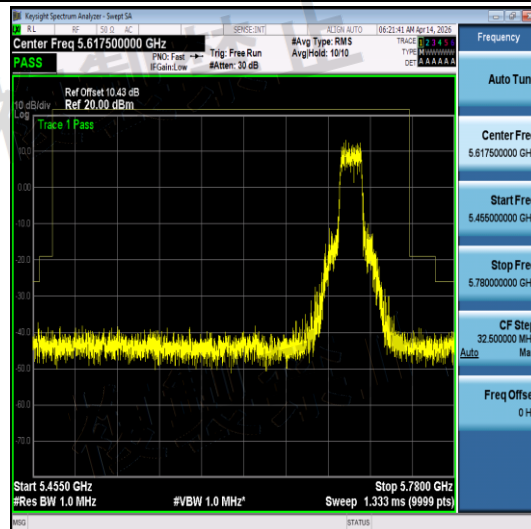
Test Graphs



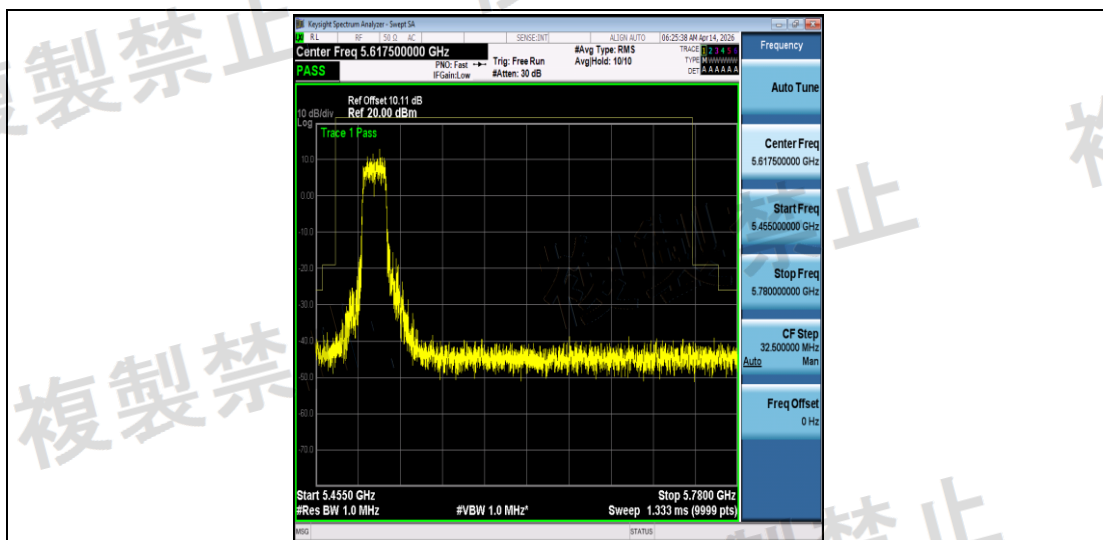
NTNV-11A-Ant1-5500-5455~5460-PASS



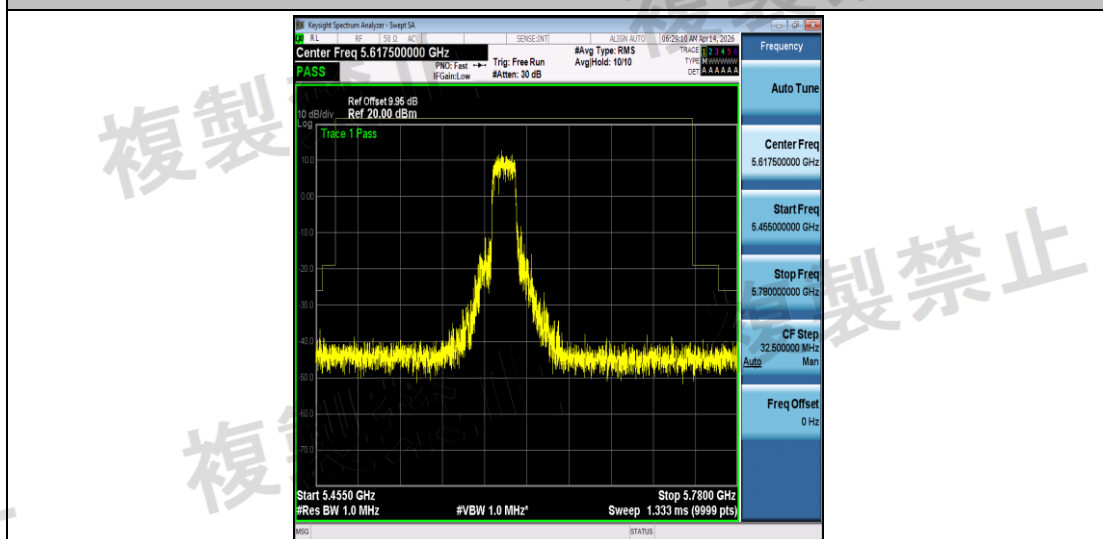
NTNV-11A-Ant1-5600-5455~5460-PASS



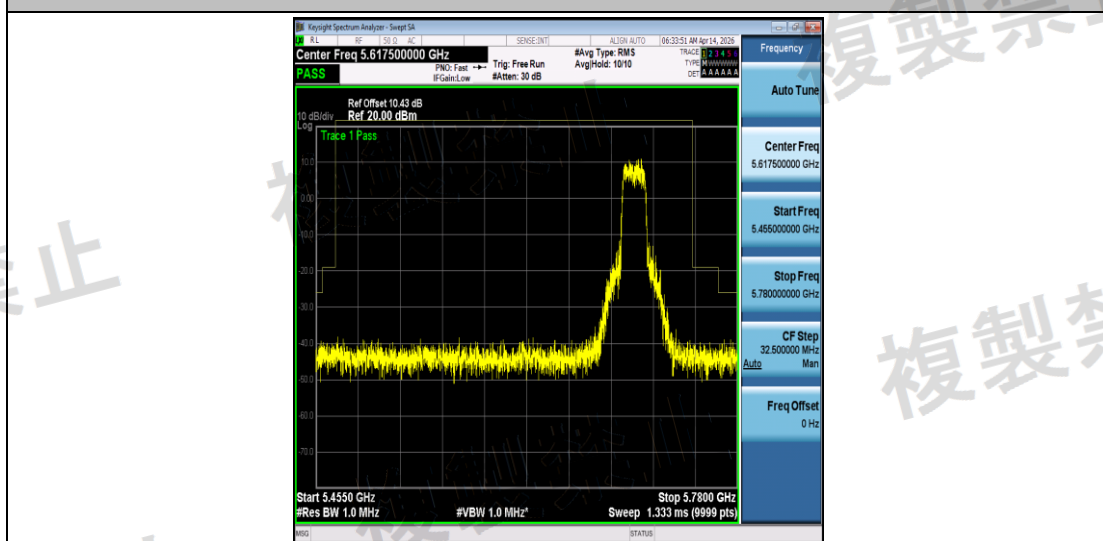
NTNV-11A-Ant1-5700-5455~5460-PASS



NTNV-11N20SISO-Ant1-5500-5455~5460-PASS



NTNV-11N20SISO-Ant1-5600-5455~5460-PASS



NTNV-11N20SISO-Ant1-5700-5455~5460-PASS