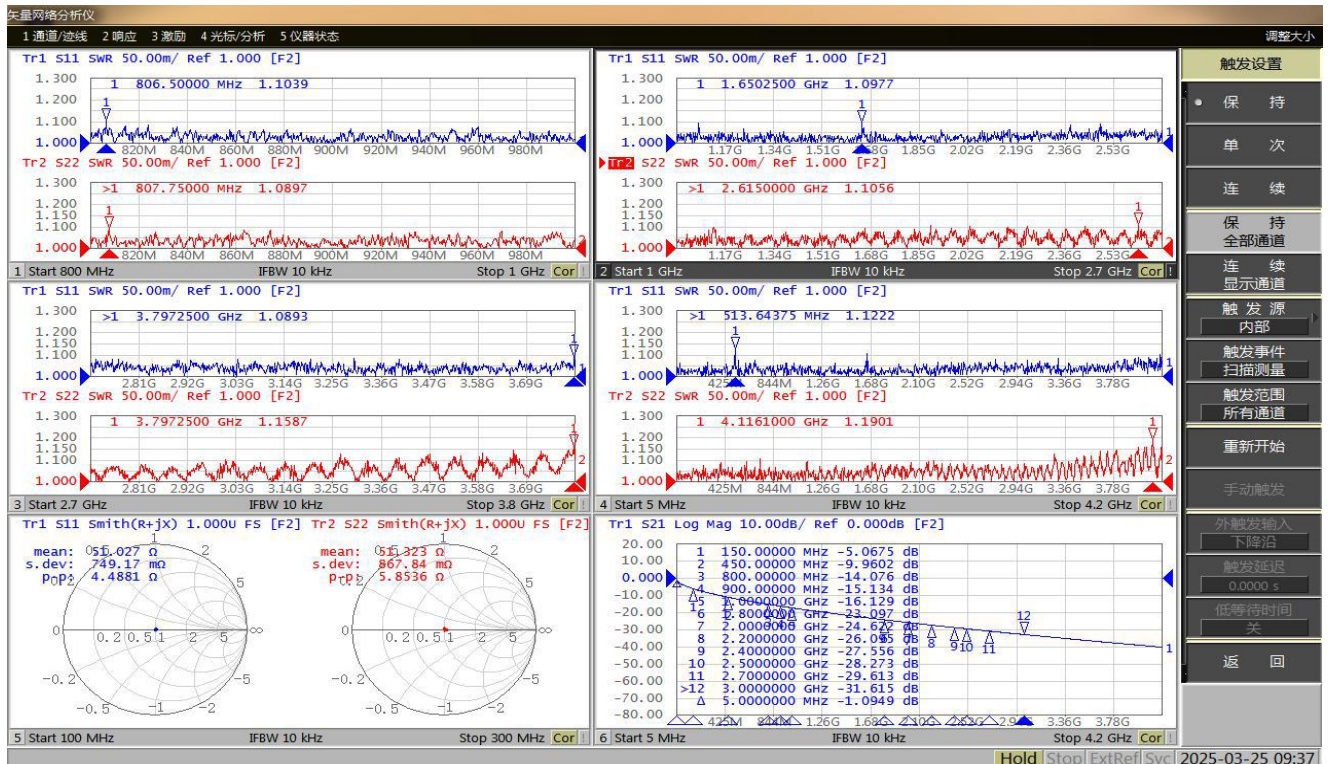


Test Report

Type: HCTAY-50-22		Date: March 23,2025			
	Description		Specification	Test Result	Conclusion
一	Construction				
1	Inner conductor diameter		9.0±0.10mm	9	Pass
2	Dielectric diameter		22.50±0.30mm	22.58	Pass
3	Outer conductor	diameter	24.90±0.30mm	24.89	Pass
		corrugation pitch	7.0±0.4mm	7.11	Pass
4	Jacket	diameter	27.30±0.30mm	27.39	Pass
		thickness	Min. 1.1mm	1.15	Pass
5	Length	length tolerance less than 0.5%		OK	Pass
二	Electrical Property				
6	Insulation resistance	M Ω •km	>10000	>10000	Pass
7	Capacitance	pF/m	76	OK	Pass
8	Velocity ratio	%	88	OK	Pass
9	Charateristic impedance	Ω	50±2	51.32	Pass
10	VSWR	800-1000 MHz	≤1.15	1.10	Pass
		1000-2700 MHz	≤1.15	1.10	Pass
		2700-3800 MHz	≤1.20	1.15	Pass
11	Max attenuation value (20℃) dB / 100m	150 MHz	1.57	1.01	Pass
		450 MHz	2.78	1.99	Pass
		800 MHz	3.84	2.81	Pass
		900 MHz	4.11	3.02	Pass
		1000 MHz	4.43	3.22	Pass
		1800 MHz	6.10	4.61	Pass
		2000 MHz	6.46	4.92	Pass
		2200 MHz	6.85	5.20	Pass
		2400 MHz	7.20	5.51	Pass
		2500 MHz	7.41	5.65	Pass
		2700 MHz	7.76	5.92	Pass
		3000 MHz	8.24	6.32	Pass
Conclusion: Passed					



Test Report

Type: HCTAY-50-22

Date: March 23, 2025

Type: NCH1-50-22		Date: March 20, 2025			
Description		Specification	Test Result	Conclusion	
一	Construction				
1	Inner conductor diameter		9.0±0.10mm	9.01	Pass
2	Dielectric diameter		22.50±0.30mm	22.52	Pass
3	Outer conductor	diameter	24.90±0.30mm	24.91	Pass
		corrugation pitch	7.0±0.4mm	7.15	Pass
4	Jacket	diameter	27.30±0.30mm	27.35	Pass
		thickness	Min. 1.1mm	1.13	Pass
5	Length	length tolerance less than 0.5%		OK	Pass
二	Electrical Property				
6	Insulation resistance	MΩ•km	>10000	>10000	Pass
7	Capacitance	pF/m	76	OK	Pass
8	Velocity ratio	%	88	OK	Pass
9	Charateristic impedance	Ω	50±2	51.33	Pass
10	VSWR	800-1000 MHz	≤1.15	1.10	Pass
		1000-2700 MHz	≤1.15	1.10	Pass
		2700-3800 MHz	≤1.20	1.13	Pass
11	Max attenuation value (20℃) dB / 100m	150 MHz	1.57	1.01	Pass
		450 MHz	2.78	1.99	Pass
		800 MHz	3.84	2.81	Pass
		900 MHz	4.11	3.03	Pass
		1000 MHz	4.43	3.22	Pass
		1800 MHz	6.10	4.62	Pass
		2000 MHz	6.46	4.92	Pass
		2200 MHz	6.85	5.23	Pass
		2400 MHz	7.20	5.51	Pass
		2500 MHz	7.41	5.65	Pass
		2700 MHz	7.76	5.92	Pass
	3000 MHz	8.24	6.32	Pass	
Conclusion: Passed					

Conclusion: Passed

Inspector: jianhui Ma

Approved by: changjun Chen

