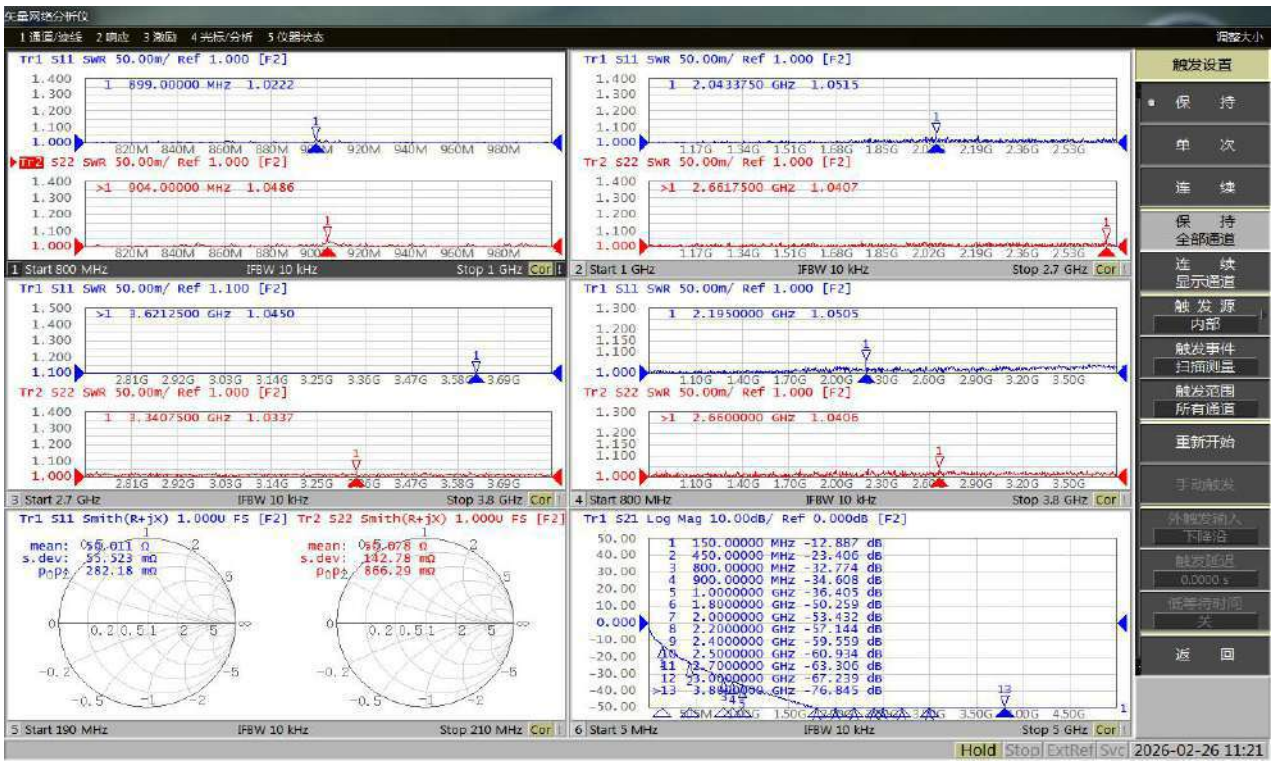
Test Report / 500m RF Cable 1/2''S

Type: HCAAY-50-12(**VICOM RF FEEDER CABLE 1/2''S 02/2026**)				Date:February 26,2026 Drum No.: 11/12	
	Description		**Specification**	**Test Result**	**Conclusion**
一	**Construction**				
	Inner conductor diameter		4.8±0.05mm	4.8	Pass
	Dielectric diameter		12.3±0.30mm	12.32	Pass
	Outer conductor	diameter	13.90±0.25mm	13.8	Pass
		corrugation pitch	5.1±0.3mm	5.06	Pass
	Jacket	diameter	15.60±0.30mm	15.7	Pass
		thickness	Min.0.8mm	0.86	Pass
	Length	length tolerance less than 0.5%		OK	Pass
二	**Electrical Property**				
	Insulation resistance	MΩ•km	＞10000	＞10000	Pass
	Charateristic impedance	Ω	50±2	50.08	Pass
	VSWR	800-1000 MHz	≤1.15	1.04	Pass
		1000-2700 MHz	≤1.15	1.05	Pass
		2700-3800 MHz	≤1.20	1.05	Pass
	Max attenuation value（20 ℃） dB / 100m	150 MHz	2.88	2.57	Pass
		450 MHz	5.19	4.68	Pass
		800 MHz	7.29	6.55	Pass
		900 MHz	7.61	6.92	Pass
		1000 MHz	7.95	7.28	Pass
		1800 MHz	11.11	10.05	Pass
		2000 MHz	11.70	10.68	Pass
		2200 MHz	12.44	11.42	Pass
		2400 MHz	12.96	11.91	Pass
		2500 MHz	13.31	12.18	Pass
		2700 MHz	14.01	12.66	Pass
		3000 MHz	14.64	13.44	Pass
		3800 MHz	16.88	15.36	Pass
Conclusion： Passed					

Inspector：jianhui Ma **Approved by：changjun Chen**



Test Report / 500m RF Cable 1/2''S

Type: HCAAY-50-12(**VICOM RF FEEDER CABLE 1/2''S 02/2026**) Date:February 26,2026 Drum No.: 12/12

	Description		Specification	Test Result	Conclusion
一	**Construction**				
	Inner conductor diameter		4.8±0.05mm	4.8	Pass
	Dielectric diameter		12.3±0.30mm	12.31	Pass
	Outer conductor	diameter	13.90±0.25mm	13.8	Pass
		corrugation pitch	5.1±0.3mm	5.08	Pass
	Jacket	diameter	15.60±0.30mm	15.7	Pass
		thickness	Min.0.8mm	0.86	Pass
	Length	length tolerance less than 0.5%		OK	Pass
二	**Electrical Property**				
	Insulation resistance	MΩ•km	＞10000	＞10000	Pass
	Charateristic impedance	Ω	50±2	50.11	Pass
	VSWR	800-1000 MHz	≤1.15	1.06	Pass
		1000-2700 MHz	≤1.15	1.06	Pass
		2700-3800 MHz	≤1.20	1.09	Pass
	Max attenuation value（20 ℃） dB / 100m	150 MHz	2.88	2.58	Pass
		450 MHz	5.19	4.73	Pass
		800 MHz	7.29	6.59	Pass
		900 MHz	7.61	7.02	Pass
		1000 MHz	7.95	7.38	Pass
		1800 MHz	11.11	10.14	Pass
		2000 MHz	11.70	10.82	Pass
		2200 MHz	12.44	11.54	Pass
		2400 MHz	12.96	12.05	Pass
		2500 MHz	13.31	12.32	Pass
		2700 MHz	14.01	12.85	Pass
		3000 MHz	14.64	13.66	Pass
		3800 MHz	16.88	15.88	Pass
Conclusion： Passed					

Inspector：jianhui Ma **Approved by：changjun Chen**