

产 品 规 格 书

PRODUCT SPECIFICATION SHEET

Manufacturer: Shenzhen Yishinshi Technology Development Co., LTD

Address: Room 521K, 5th Floor, Xusheng R&D Building, Xifa B Area, Gonghe Industrial Road, Xixiang Sub-district, Bao 'an District, Shenzhen City

APPELLATION: 433M Rod antenna

PART NUMBER: YXS-433-WZ108

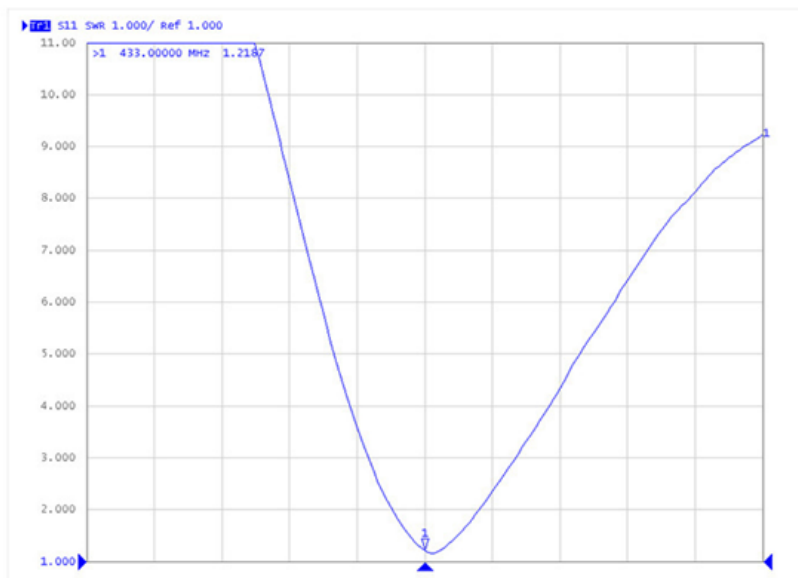
1、 PRODUCT TECHNICAL SPECIFICATION

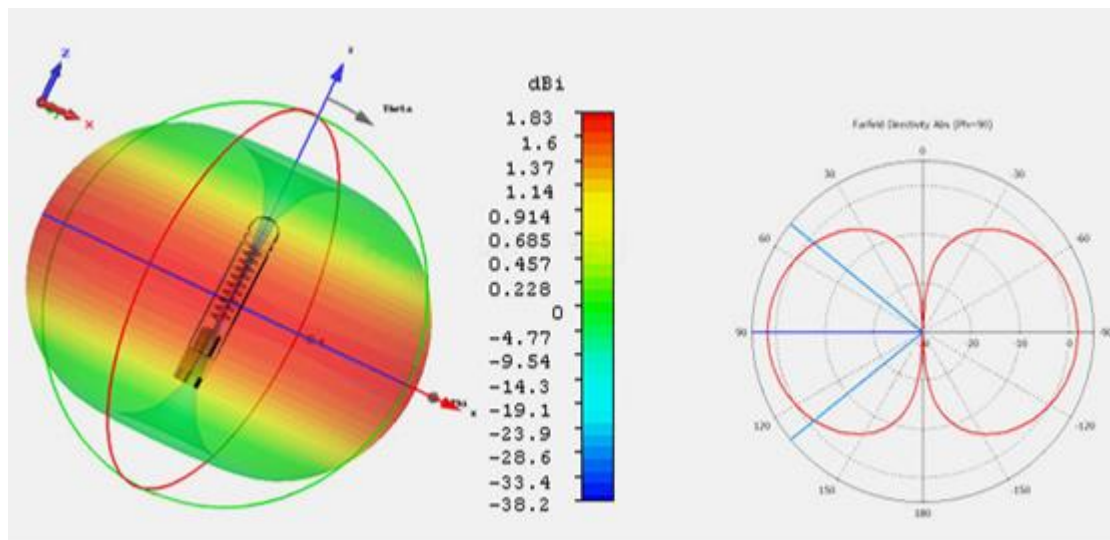
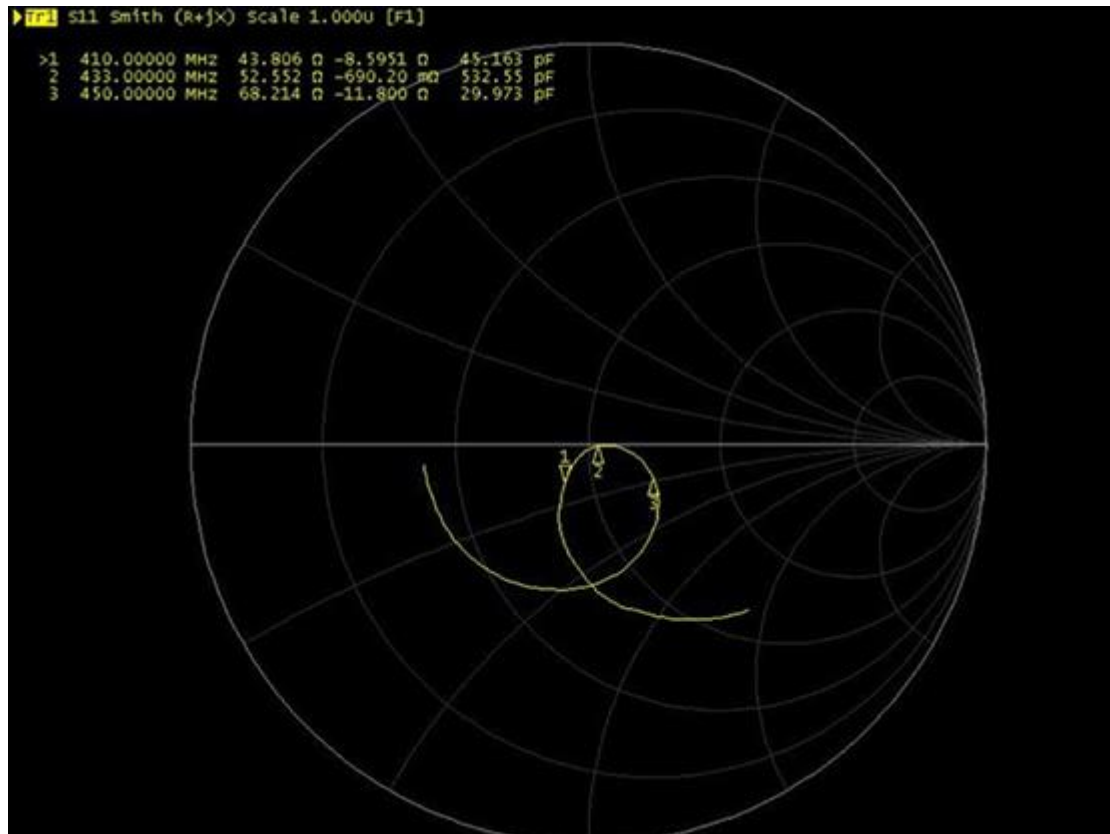
电性能指标 Electrical Specifications	
Frequency Range (MHz)	430-436 MHZ
Input Impedence	Input Impedence (Ω) 50
V.S.W.R	≤ 1.7
Polarization Type	Vertical
Power Capacity (w)	50
机械指标 Mechanical Specifications	
Antenna Length (mm)	108
Radiator	Cuprum
Connect Type	SMA-J
Working Temp($^{\circ}\text{C}$)	-40~60
Storage Temperature($^{\circ}\text{C}$)	-20~40
Radome Color	Black
Radome Material	TPEE
Weight (g)	10

2、 PRODUCT SPECIFICATION CHART



3、 Test Data





Passive Test For wifi								
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	Max (dB)	Min (dB)	Attenut Hor	Attenut Ver
420	47.57	-1.6	2.02	-0.13	2.02	-16.49	47.06	46.33
425	50.49	-2.02	1.6	-0.55	1.6	-16.99	47.2	46.63
430	55.3	-2.42	1.23	-0.92	1.23	-17.39	47.32	46.53
433	61.9	-2.36	1.23	-0.92	1.23	-17.13	47.08	46.39
435	57.91	-2.2	1.4	-0.75	1.4	-16.68	47.26	46.55
440	51.32	-2.7	0.89	-1.26	0.89	-16.94	48	47.41
450	19.23	-2.86	0.75	-1.4	0.75	-16.98	48.03	47.34