

Shenzhen Boda terminal electricity co., ltd

Antenna report

Manufacturer: Shenzhenshi huazhirui keji Co. LTD

Name: T12-ANT

Antenna material copper nickel zinc alloy

Working frequency band: See attached table.

2023-05-04

catalogue

- 1: antenna description
2. Matching circuit
3. Test data

1: antenna description

Working frequency band

B1:1920-2170MHZ	GSM850:824-894mhz
B2:1850-1990MHZ	900:880-960mhz
B3:1710-1880mhz	DCS:1710-1880mhz
B4:1710-2155mhz	PCS:1850-1910mhz
B5:824-894mhz	
B7:2500-2690mhz	
B8:880-960mhz	
B28:703-803mhz	
B66:1710-2100mhz	

Standing wave ratio: < 15

Impedance: 50 ohms

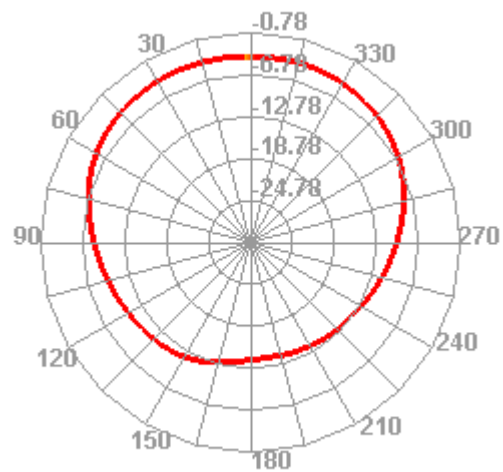
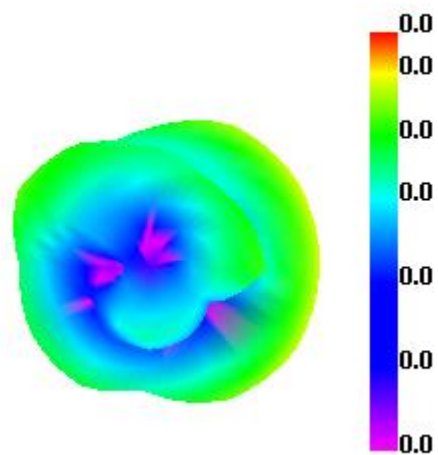
Gain: 1DBI

Directionality: omnidirectional

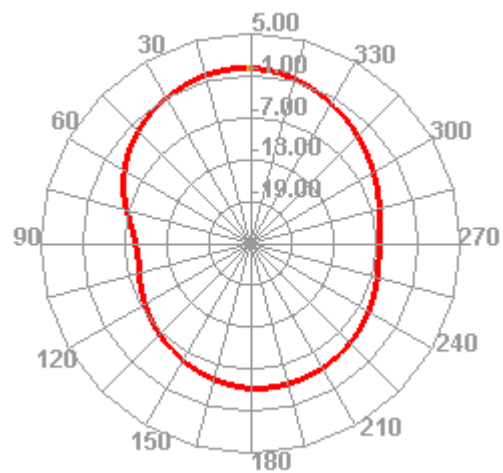
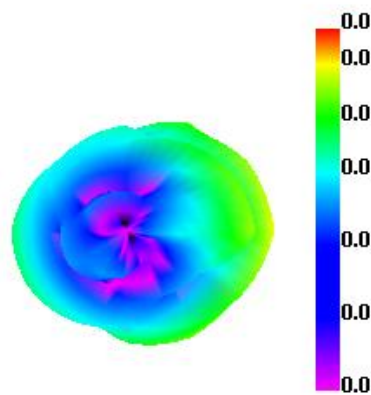
Polarization mode: vertical polarization

Maximum power: 10W

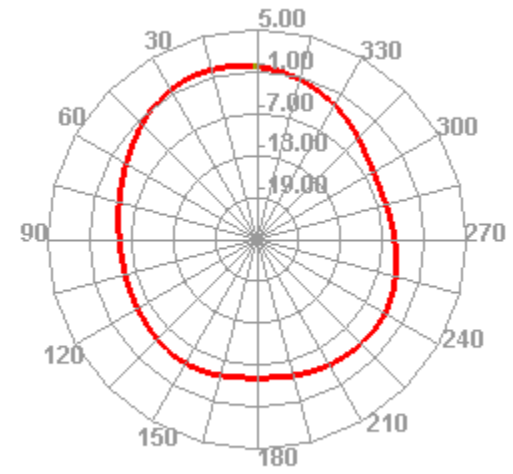
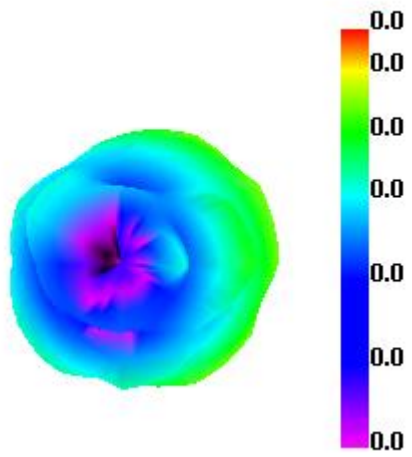
703-960mhz



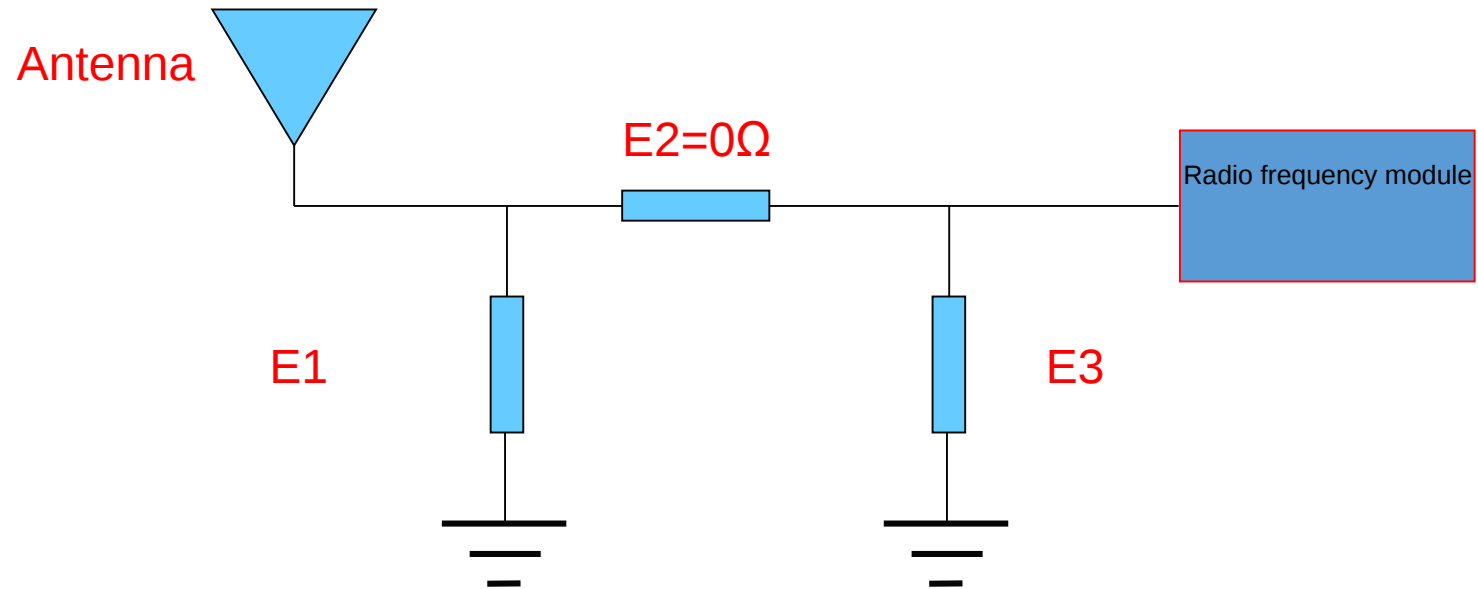
1710-2170MHZ



2500-2690MHZ



2. Matching circuit



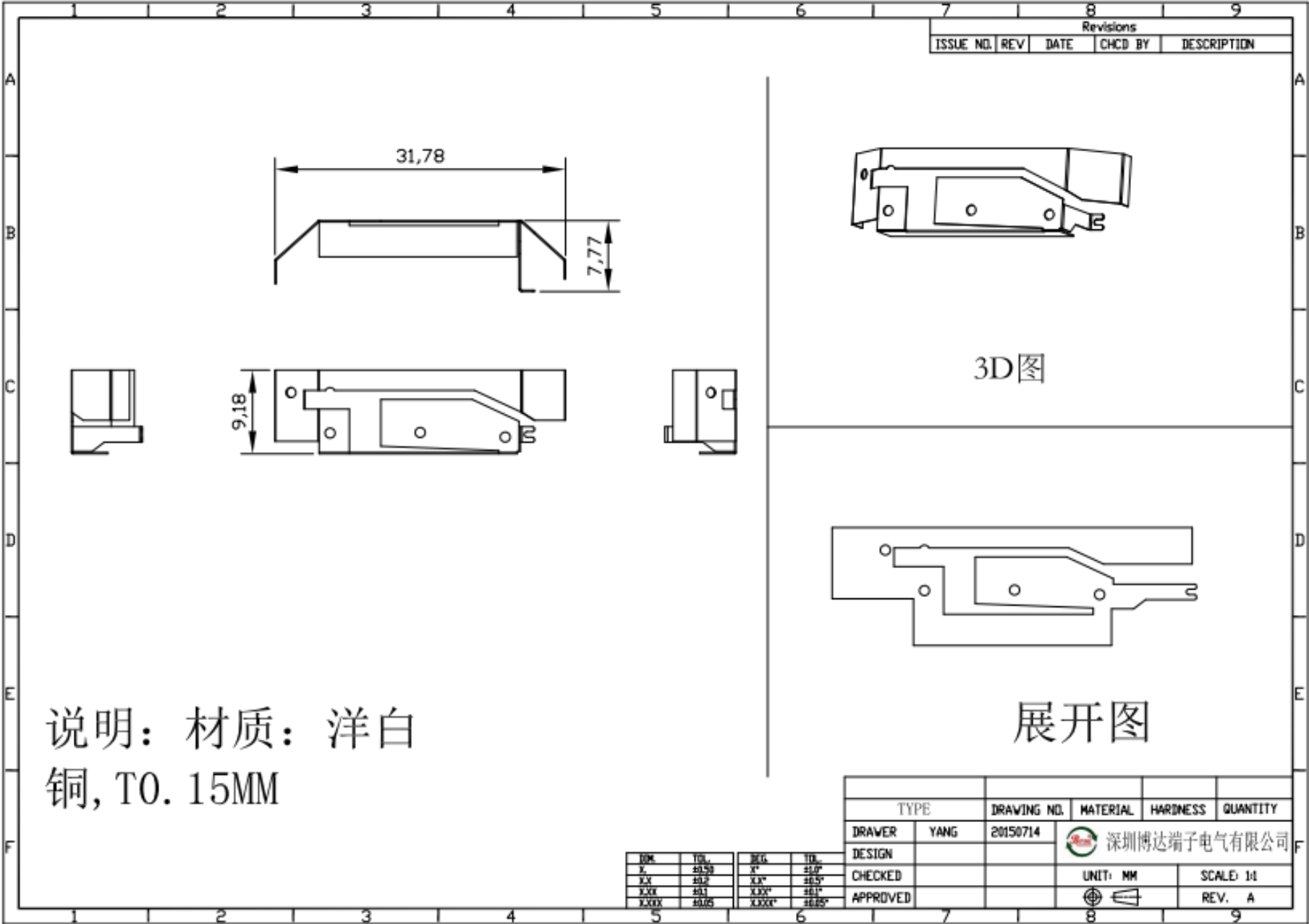
3. Test data

Test Data	EGSM900			DCS1800		
	CH1	CH62	CH124	CH512	CH698	CH885
TRP	26.16	26.12	26.39	25.7	26.3	27.6
TIS	-103	-104.5	-103	-102	-103	-104
Gain	0.89	1.00	0.98	1.00	0.92	0.95

测试内容	B1	B2	B3	B4	B5	B7
TRP	18.1	18.3	17.5	17.8	16.6	17.2
TIS	-96.1	-96	-96.2	-96.1	-95.1	-96

测试内容	B8	B28	B66
TRP	16	15.8	17.8
TIS	-96.1	-95.8	-96.3

天线图纸:



博达感谢您的支持！