



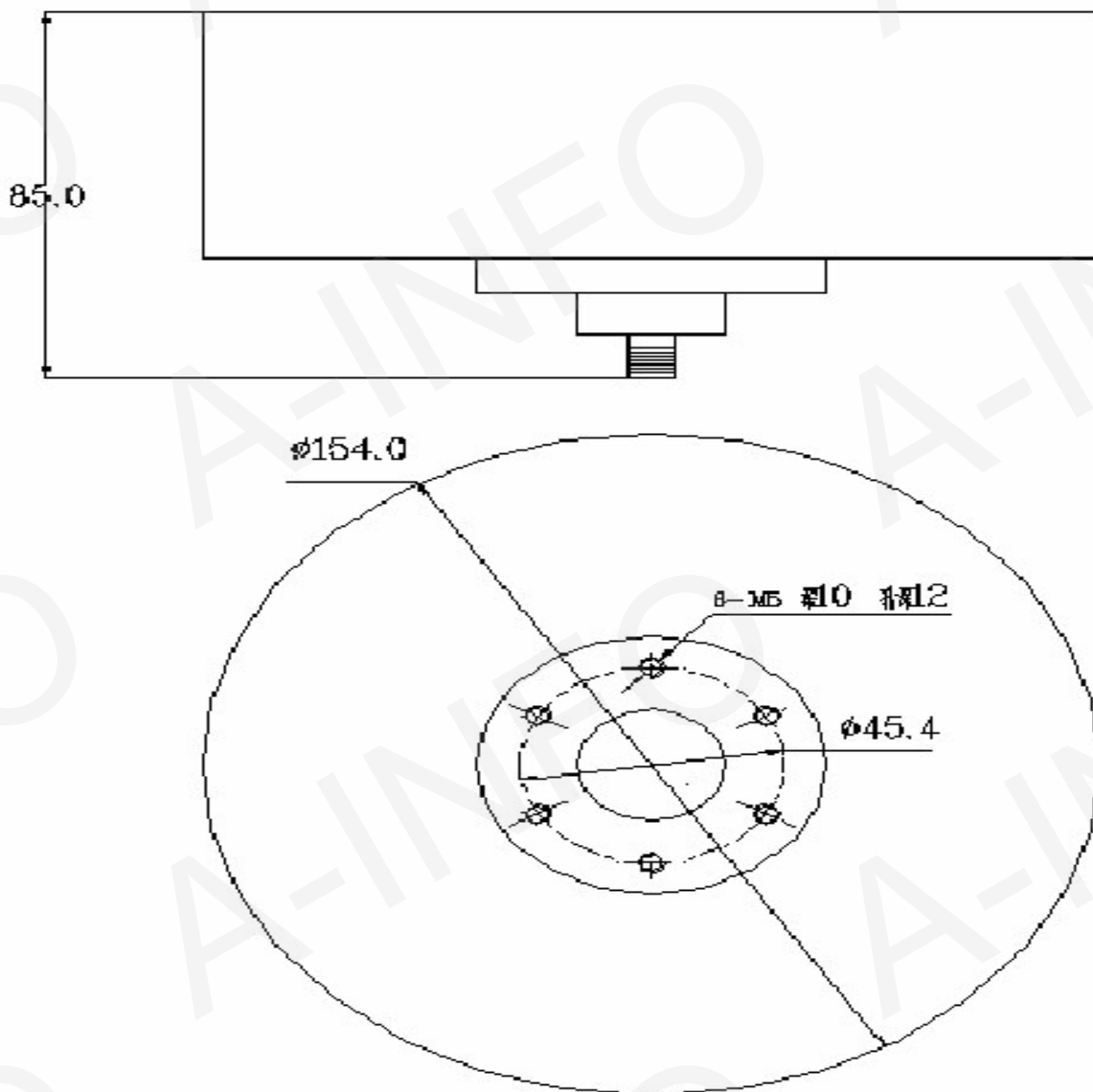
TEST REPORT
for
JTXLX-840



Technical Specification

Polarization	RHCP
Frequency (GHz)	0.8-4
Gain (dBi)	0.6 @ 0.8GHz
	1.8 @ 2GHz
	2.2 @ 4GHz
Beamwidth (°)	70-110
Axial Ratio (dB) Max.	3
VSWR	2:1 max
Connector	SMA-F
Size (mm)	Φ154x85

Outline Drawing



Test Instruments

- HP8720D
- AV14812
- AV4033

Test Results

1. Gain

Frequency (GHz)	0.8GHz	1GHz	2GHz	3GHz	4GHz
Gain (dBi)	0.6dBi	1.4dBi	1.8dBi	2.6dBi	2.2dBi

2. Axial Ratio

Frequency (GHz)	0.8GHz	1GHz	2GHz	3GHz	4GHz
Axial Ratio (dB)	2.2dB	1.5dB	2dB	1.8dB	1.3dB

3. 3dB Beam width

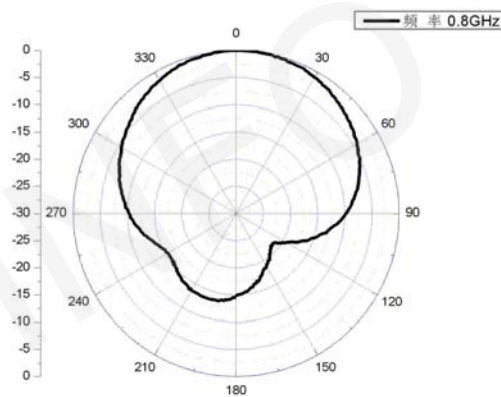
Frequency (GHz)	E (°)	H(°)
0.8	90	90
1	86	86
2	74	74
3	72	72
4	76	76

4. Front to Back Ratio

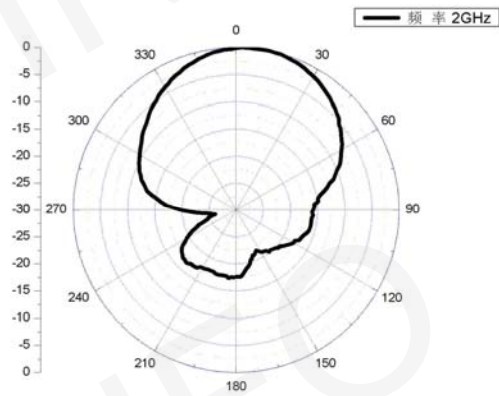
Frequency(GHz)	0.8	1	2	3	4
Front to Back (dB)	15.6	15.2	16.6	20.7	18.3

5. Pattern

Frequency: 0.8GHz



Frequency: 2GHz



Frequency: 4GHz

