Yagi Tube 1710-6000MHz

Specification

Electrical specification

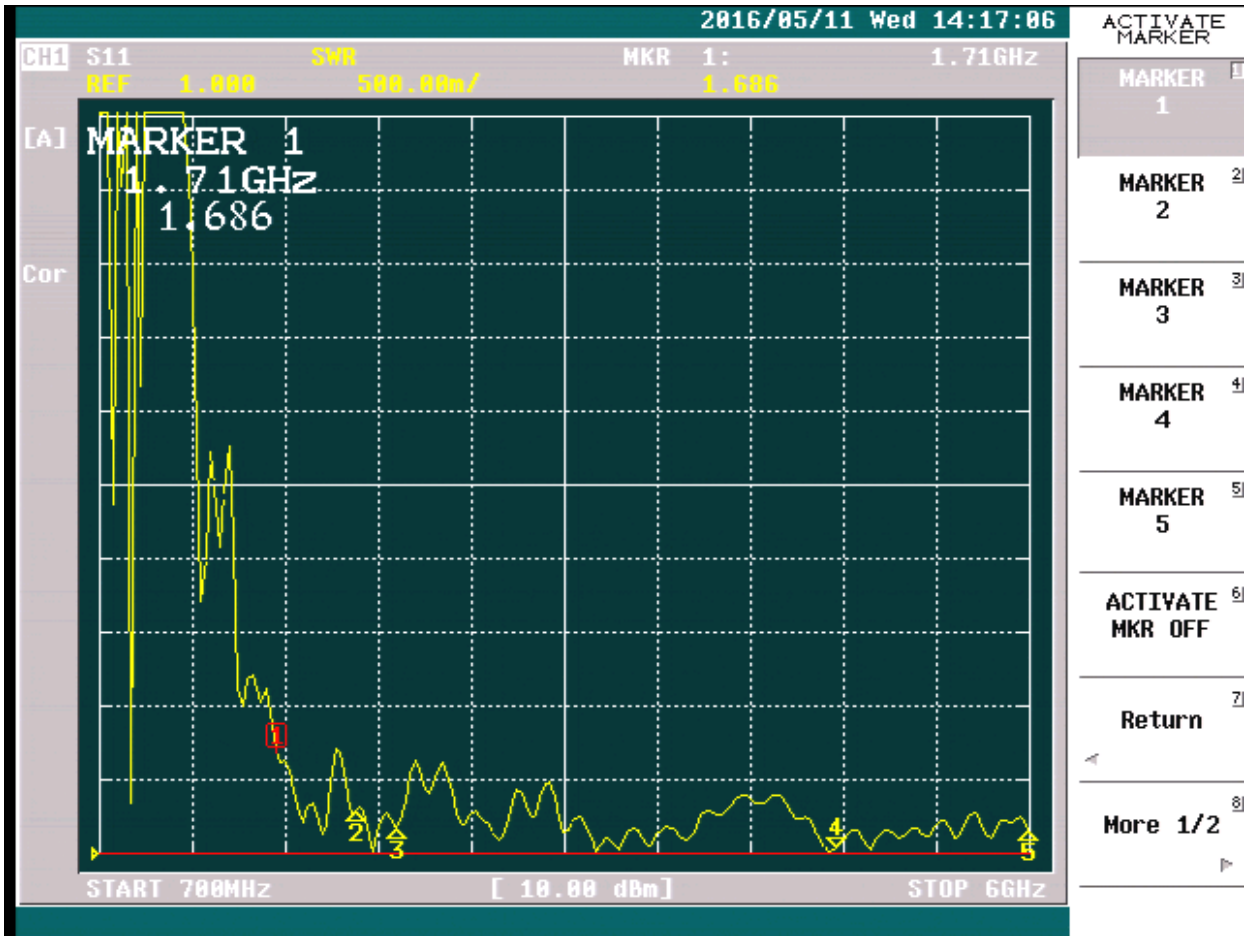
Frequency	1710-6000 MHz
Impedance	50 Ω
Gain	10±0,5dBi
Power max	50W
Polarization	Vertical/Horizontal
Horizontal Beam Width	65 deg
Vertical Beam Width	58 deg
VSWR	<1.5 :1
F/B	≥ 18dB
Connector	N-f/Customized

Mechanical specification

Radome	PC and PVC
Lightning Protection	Direct Ground
Weight	1.0kg
Mount for Mast Di	30mm to 60mm
Size	410x110mm
Operating Temperature Range	-40 to +70 Degrees
Storage Temperature	-50 to +75 Degrees

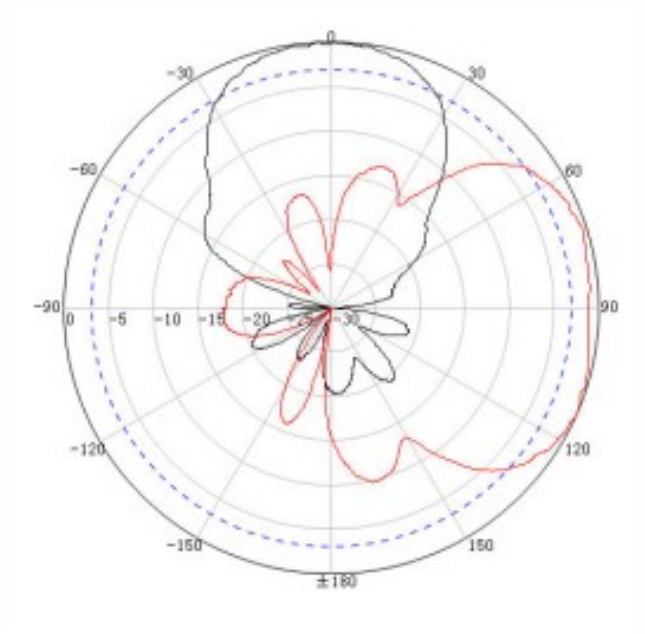
Photos

VSWR



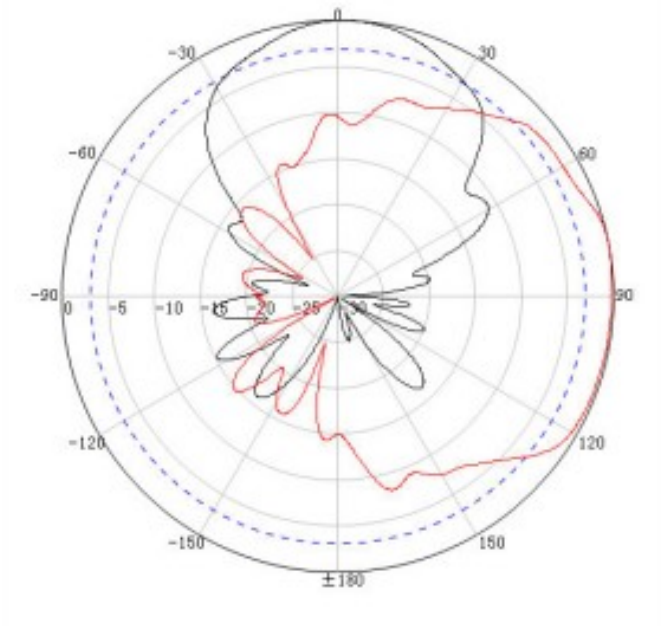
RADIO PATTERN ON THE NEXT PAGES

1. Frequency Point: 1710MHz



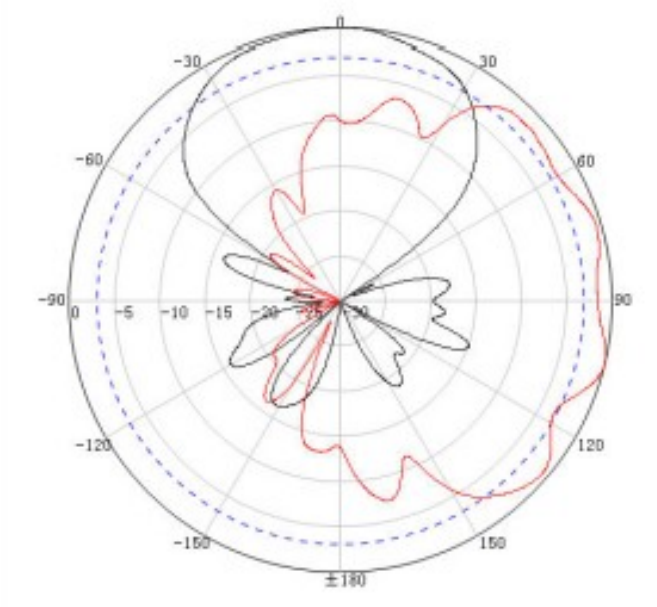
Horizontal Beamwidth: 77.78deg
Vertical Beamwidth: 52.3deg
F/B: 18dB
Gain: 10.36dBi

2. Frequency Point: 2400MHz



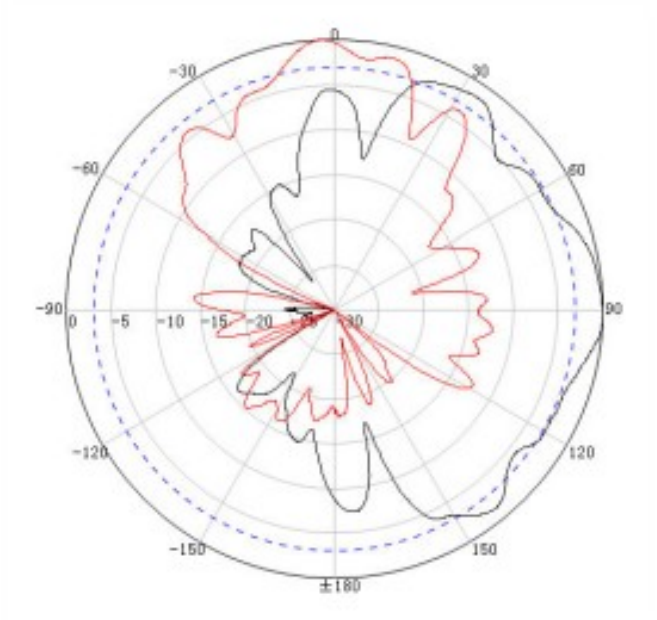
Horizontal Beamwidth: 84.97deg
Vertical Beamwidth: 56.94deg
F/B: 15dB
Gain: 9.19dBi

3. Frequency Point: 2700MHz



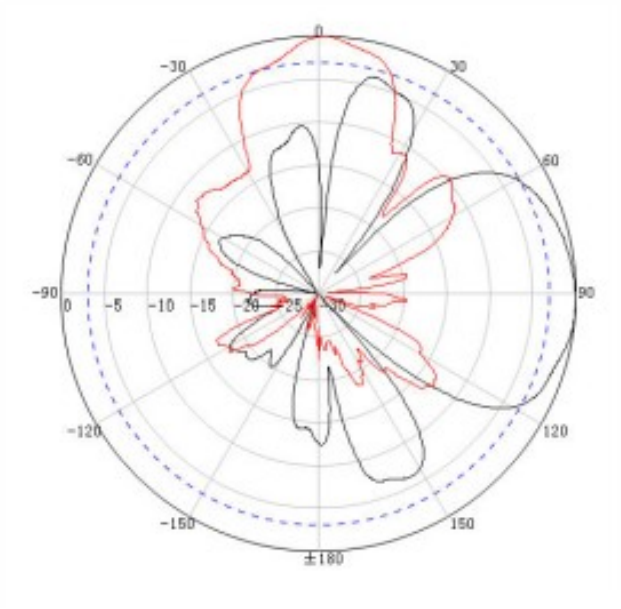
Horizontal Beamwidth: 78.23deg
Vertical Beamwidth: 67.79deg
F/B: 20dB
Gain: 8.52dBi

4. Frequency Point: 3500MHz



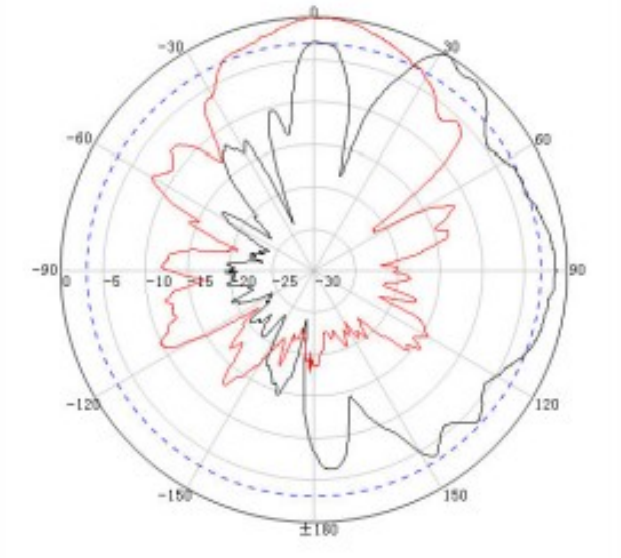
Horizontal Beamwidth: 56.40deg
Vertical Beamwidth: 31.63deg
F/B: 18dB
Gain: 8.99dBi

5. Frequency Point: 3800MHz



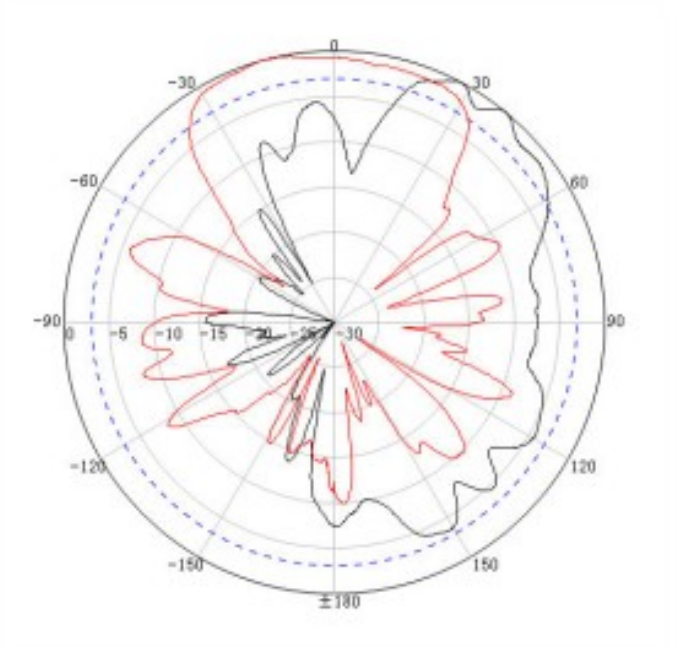
Horizontal Beamwidth: 56.86deg
Vertical Beamwidth: 32.15deg
F/B: 18dB
Gain: 11.41dBi

6. Frequency Point: 5150MHz



Horizontal Beamwidth: 49.52deg
Vertical Beamwidth: 23.04deg
F/B: 18dB
Gain: 8.77dBi

7. Frequency Point: 5850MHz



Horizontal Beamwidth: 43.79deg
Vertical Beamwidth: 69.55deg
F/B: 15dB
Gain: 8.12dBi