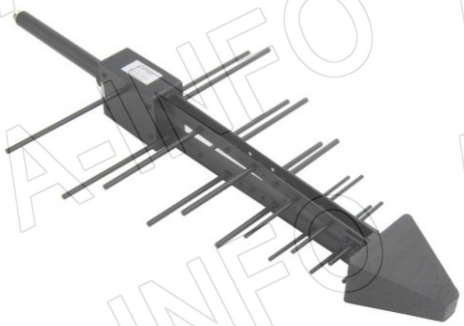
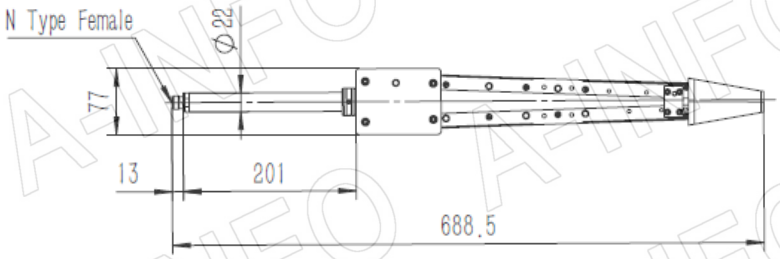
Technical Specification

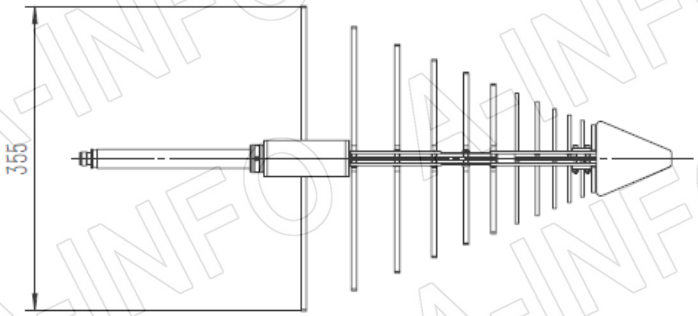


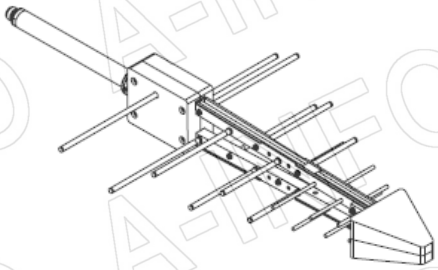
P/N:DS-50600LESPO	
Frequency Range(GHz)	0.5 - 6.0
Gain(dBi)	7 Typ.
Polarization	Linear
3dB Beamwidth(deg)	E Plane: 68 - 44
	H Plane: 131 - 60
VSWR	2.0:1 Typ. / 3.0:1 Max.
Output	N-Female
Average Power(W CW)	300 (80 @ 6.0GHz)
Peak Power(KW)	3
Material	Al
Size(mm)	355 x 77 x 688.5
Net Weight(Kg)	0.85 Around
Application	Outdoor, Waterproof and Dustproof, Fixed

Outline Drawing (Size: mm)

DS-50600LESPO (P/N: DS-50600LESPO)







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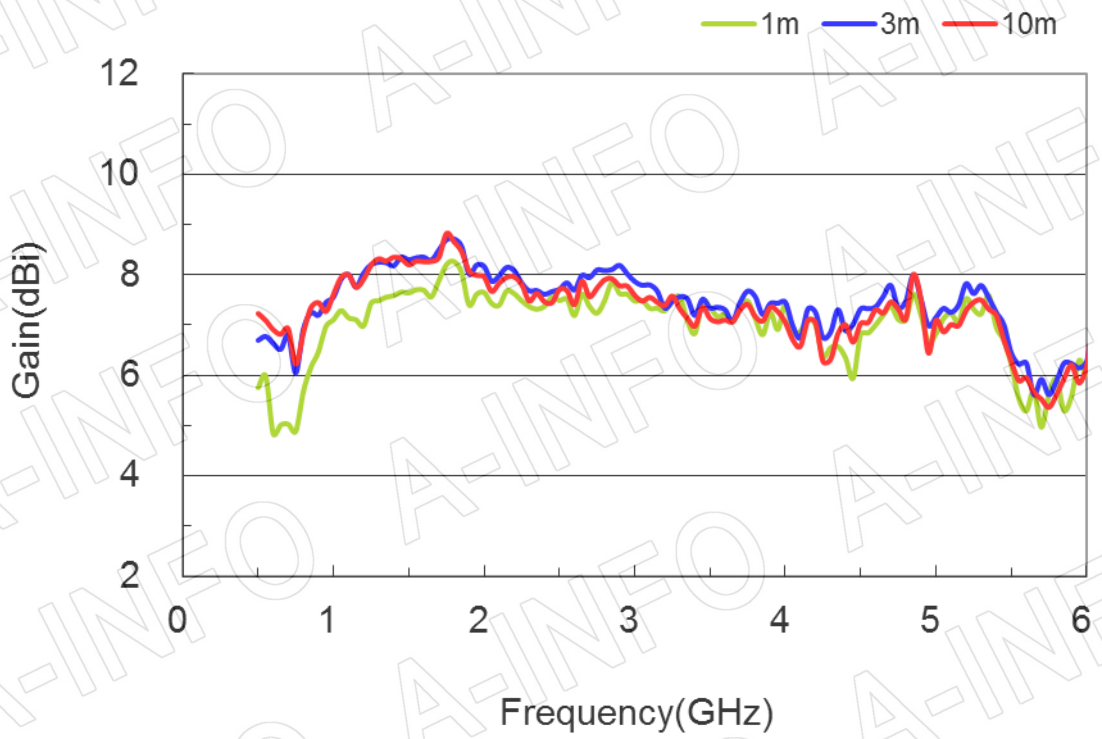
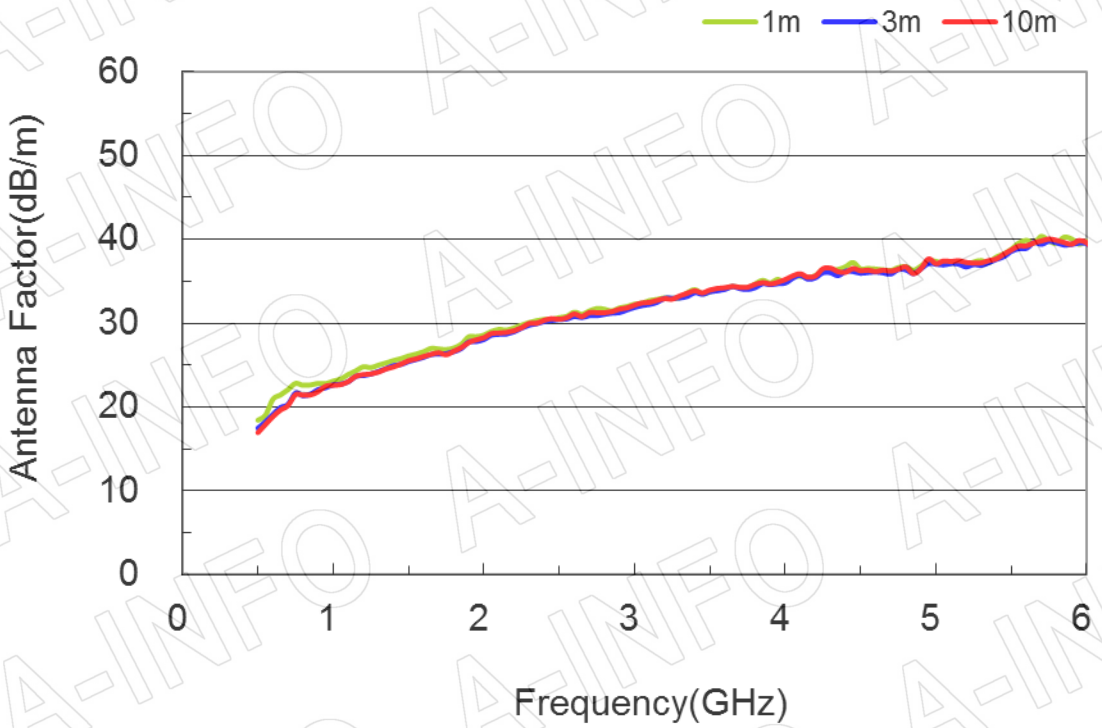
Test Results

1. Gain



2. Antenna Factor



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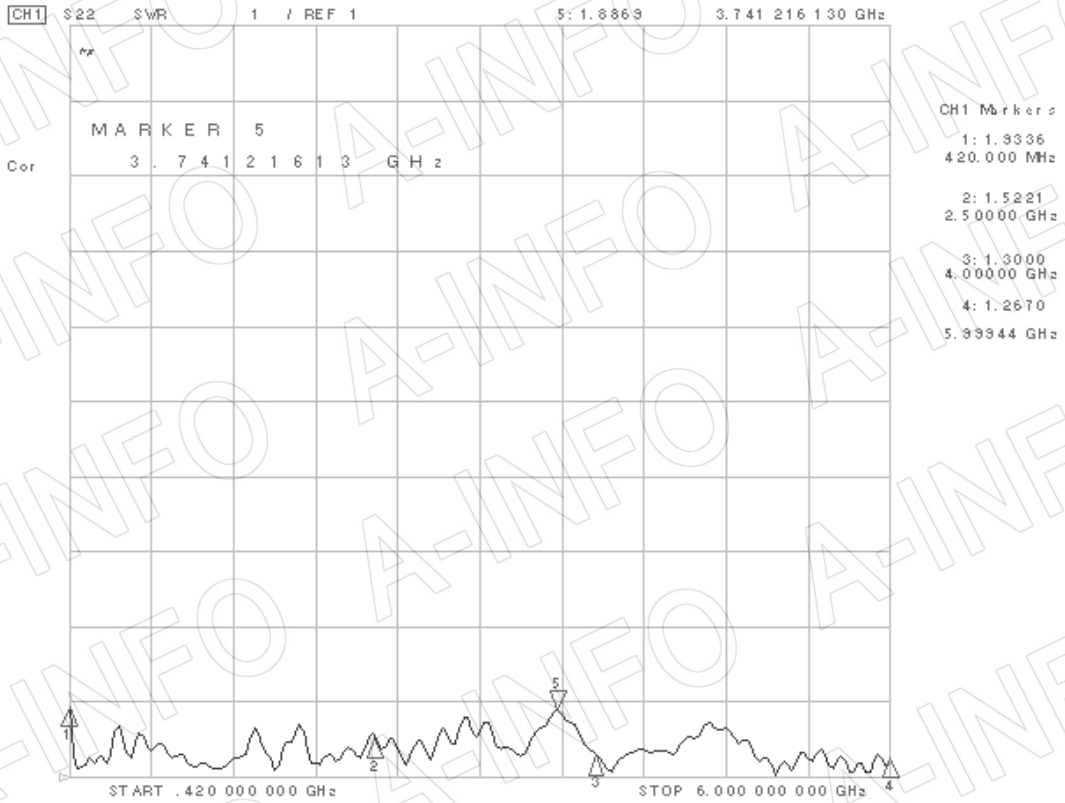
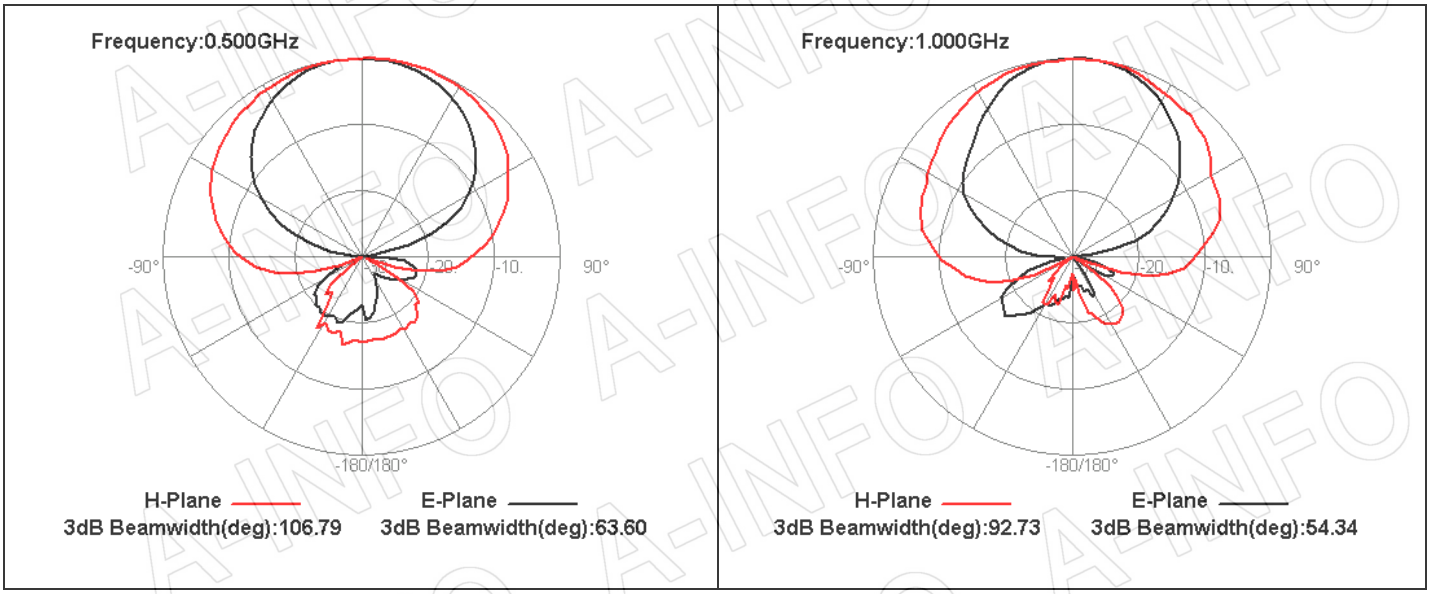
3. VSWR



4. Pattern



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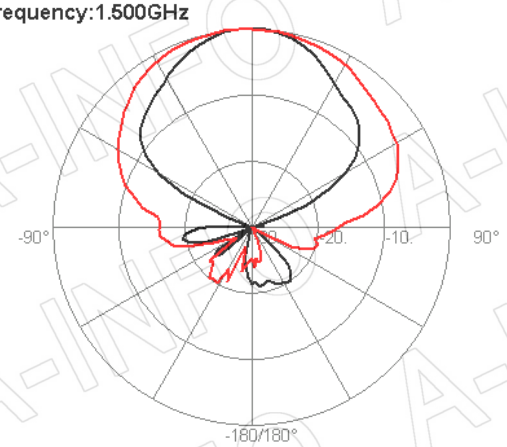
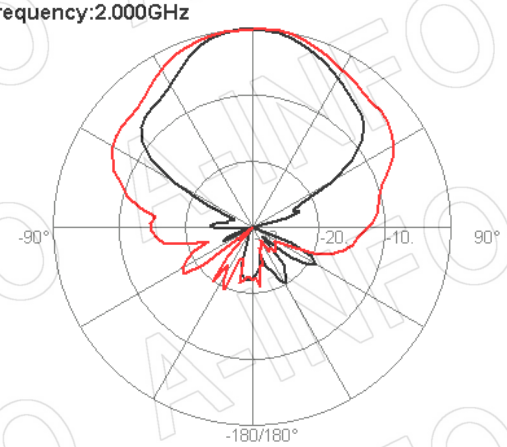
Frequency:1.500GHz



H-Plane
3dB Beamwidth(deg):83.33

E-Plane
3dB Beamwidth(deg):47.17

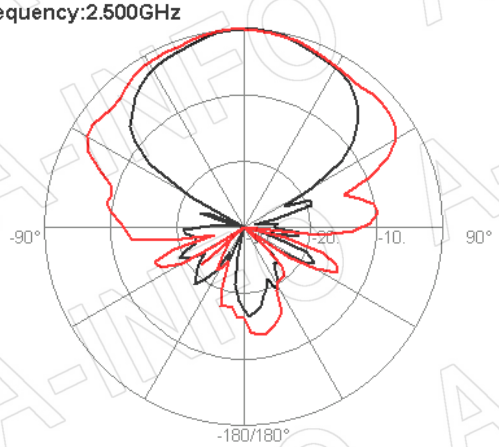
Frequency:2.000GHz



H-Plane
3dB Beamwidth(deg):65.70

E-Plane
3dB Beamwidth(deg):46.55

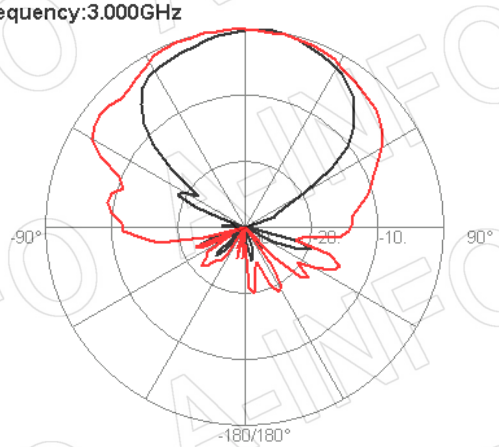
Frequency:2.500GHz



H-Plane
3dB Beamwidth(deg):101.65

E-Plane
3dB Beamwidth(deg):68.74

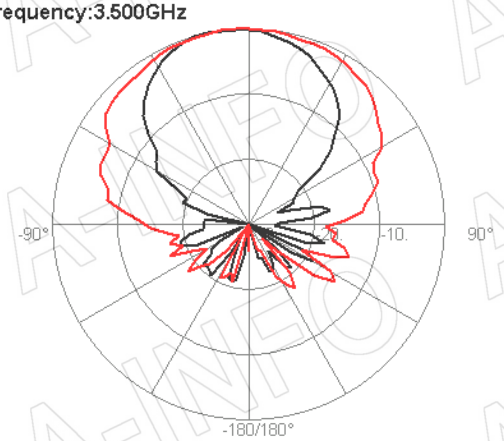
Frequency:3.000GHz



H-Plane
3dB Beamwidth(deg):87.22

E-Plane
3dB Beamwidth(deg):65.71

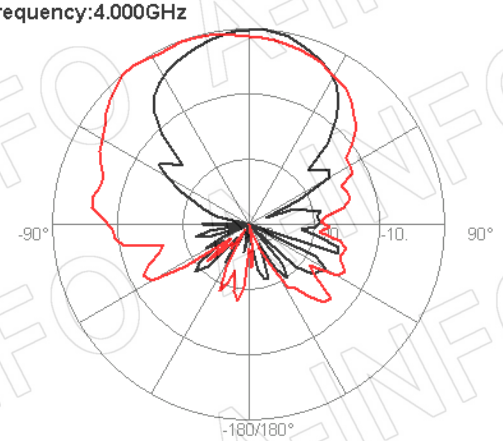
Frequency:3.500GHz



H-Plane
3dB Beamwidth(deg):98.82

E-Plane
3dB Beamwidth(deg):54.61

Frequency:4.000GHz



H-Plane
3dB Beamwidth(deg):78.98

E-Plane
3dB Beamwidth(deg):51.43

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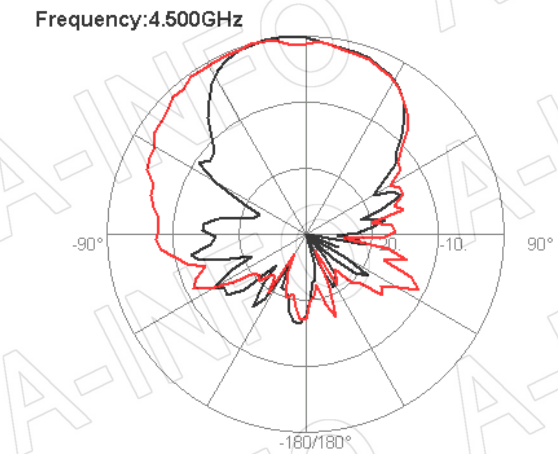
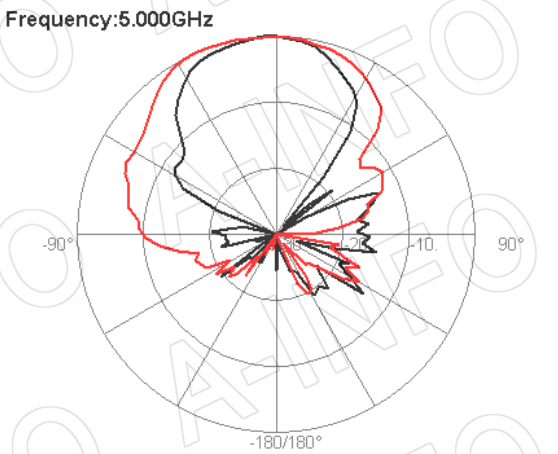


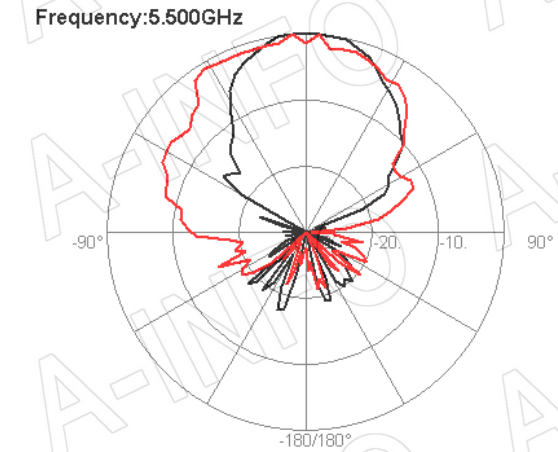
H-Plane
3dB Beamwidth(deg):86.52

E-Plane
3dB Beamwidth(deg):60.54



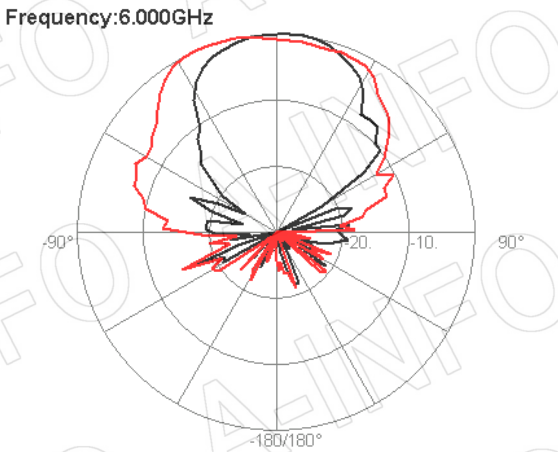
H-Plane
3dB Beamwidth(deg):73.97

E-Plane
3dB Beamwidth(deg):49.96



H-Plane
3dB Beamwidth(deg):61.38

E-Plane
3dB Beamwidth(deg):44.22



H-Plane
3dB Beamwidth(deg):74.06

E-Plane
3dB Beamwidth(deg):50.94

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