

For reference only. See data sheet for the detailed specifications.

Technical Specification



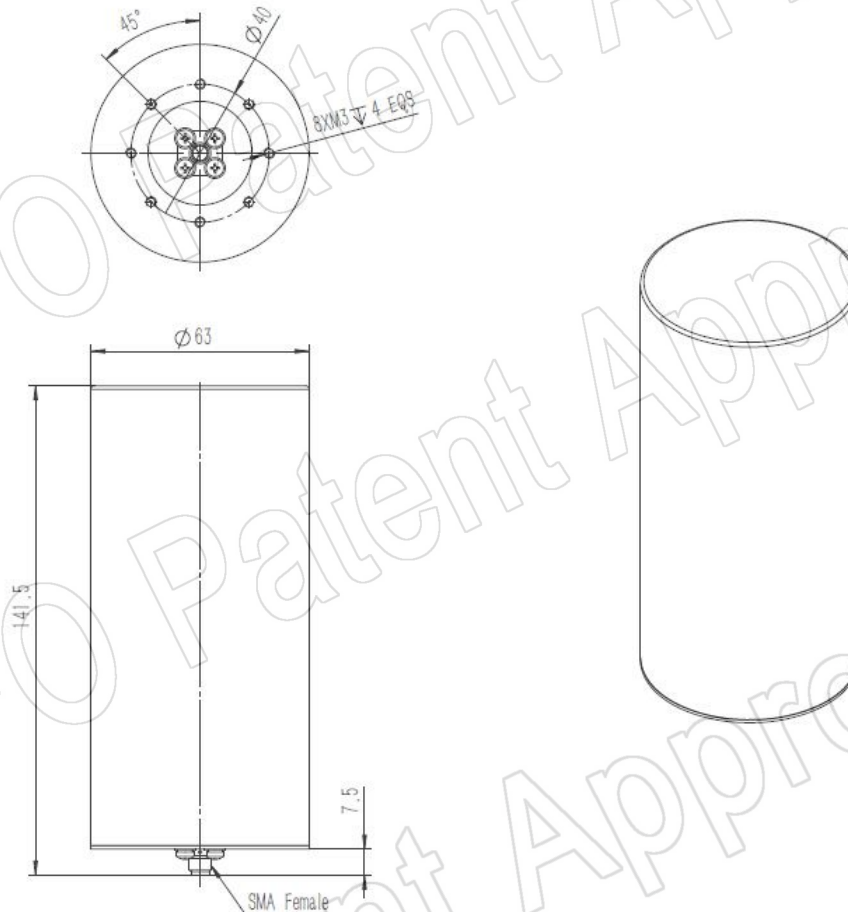
Frequency Range(MHz)	800 – 2700
Gain(dBi)	2.5 Typ.
Polarization	Vertical
Azimuth Beamwidth	Omni Directional
VSWR	2.0:1 Typ.
Connector	SMA-Female or SMA-Male
Input Power(W)	30
Material	Al
Size(mm)	63 x 63 x 141.5
Net Weight(Kg)	0.15 Around

PATENT ID (China)

ZL202221269985.4

Outline Drawing (Size: mm)

SMA-Female Output (P/N:OA-800-2700-2.5-SF)



AINFO Inc.

China(Beijing):
China(Chengdu):
USA :

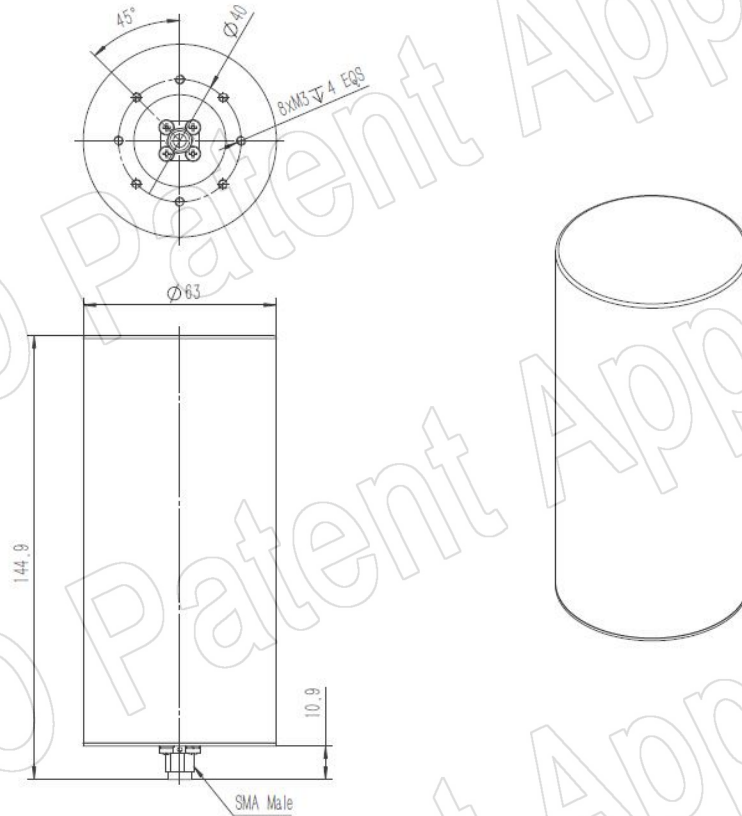
Tel: (+86) 10-6266-7326,
Tel: (+86) 28-8519-2786,
Tel: (+1) 949-639-9688,

(+86) 10-6266-7327
(+86) 28-8519-3044
(+1) 949-639-9608

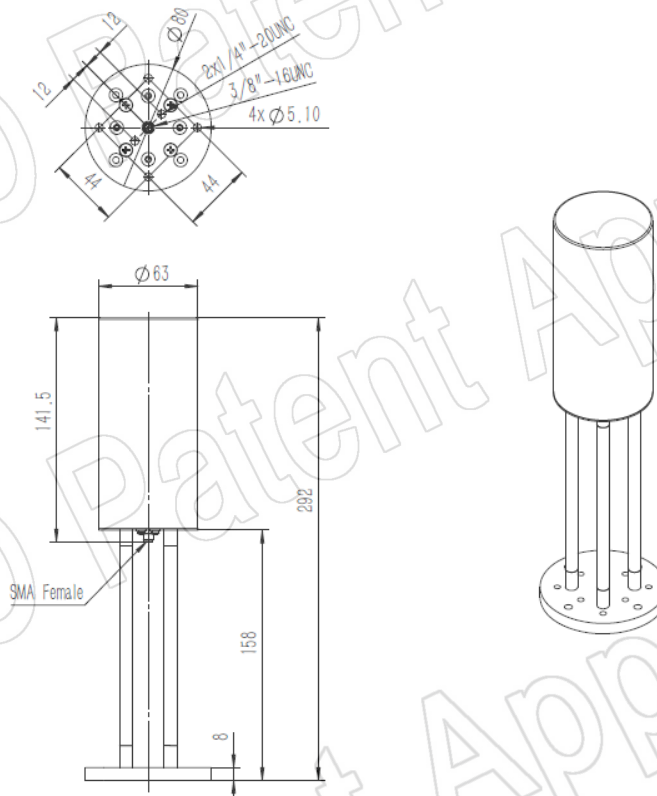
Fax: (+86) 10-6266-7379
Fax: (+86) 28-8519-3068
Fax: (+1) 949-639-9670

Website: www.ainfoinc.com
Email: sales@ainfoinc.com

SMA-Male Output (P/N:OA-800-2700-2.5-SM)



SMA-Female Output with Round Mounting Bracket (Option, P/N: SZ-4004000/P-MB2)



AINFO Inc.

China(Beijing):
China(Chengdu):
USA :

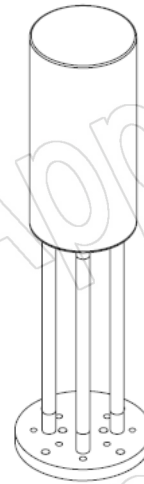
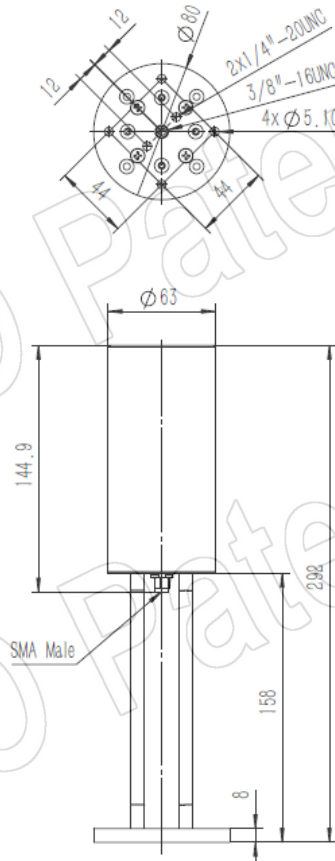
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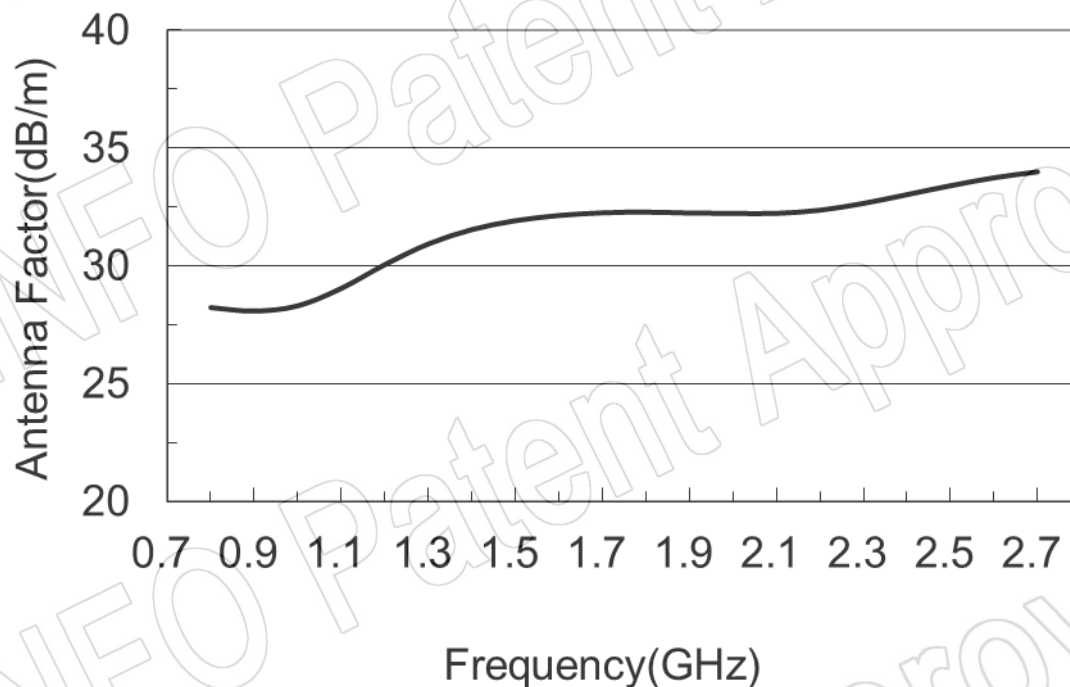
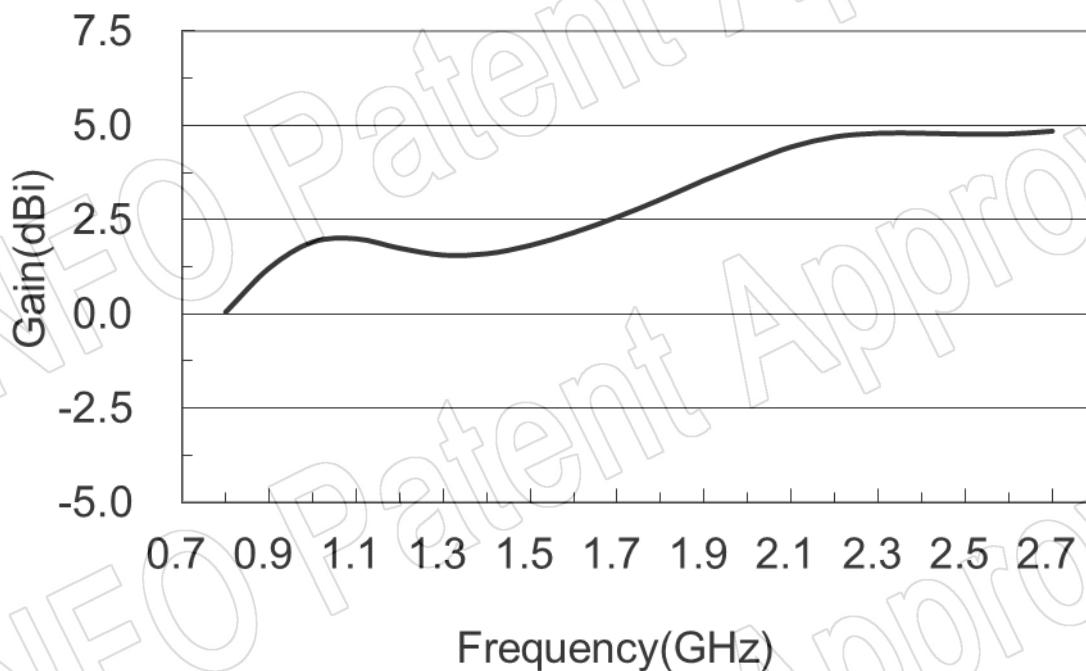
Website: www.ainfoinc.com
Email: sales@ainfoinc.com

SMA-Male Output with Round Mounting Bracket (Option, P/N: SZ-4004000/P-MB2)

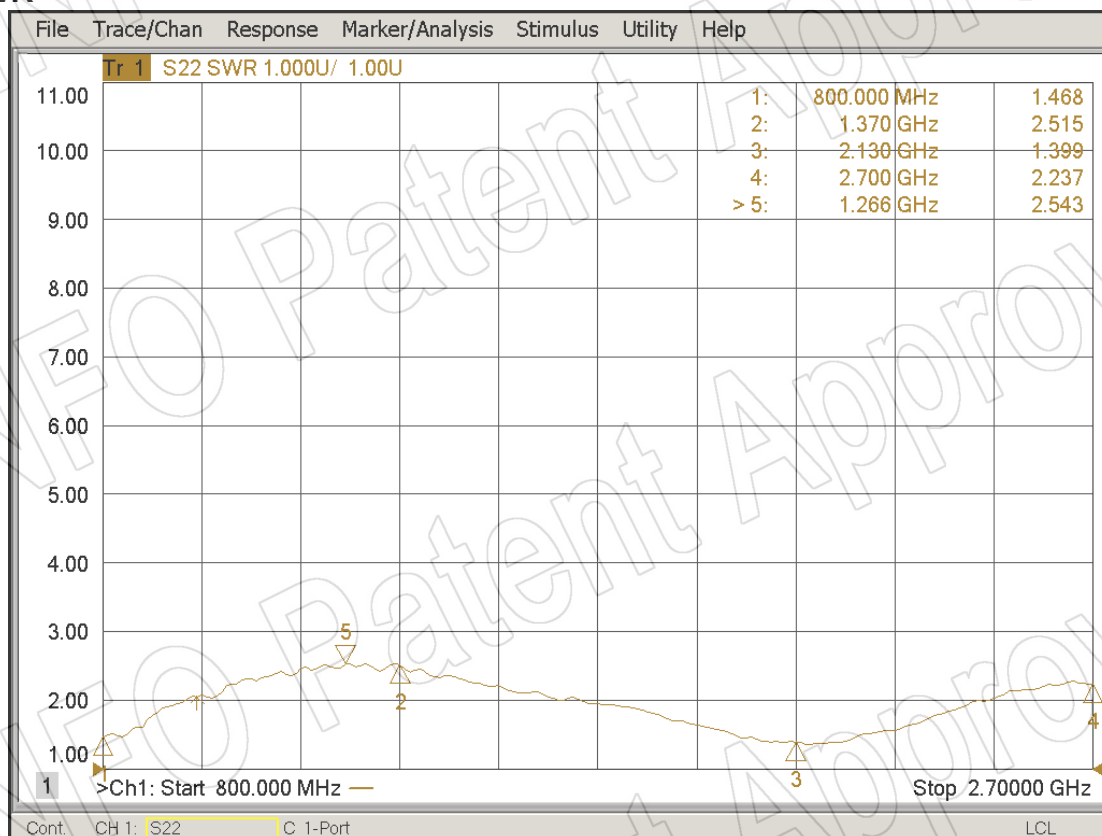


Test Results

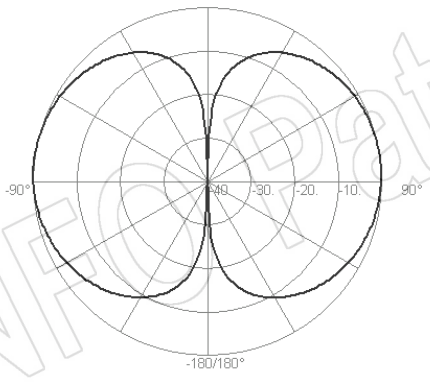
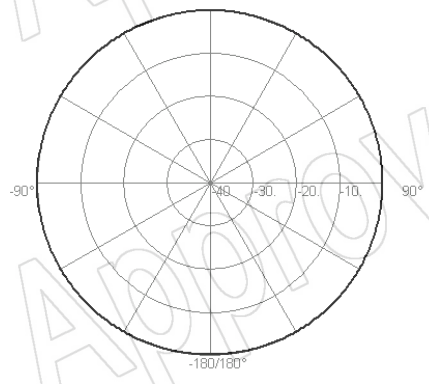
1. Gain & Antenna Factor

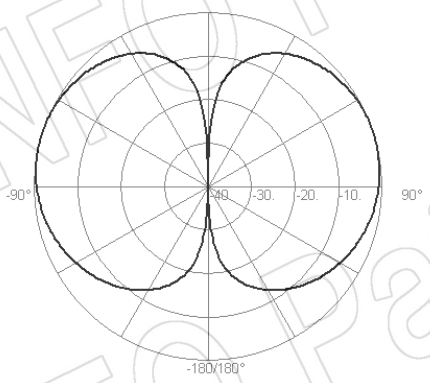
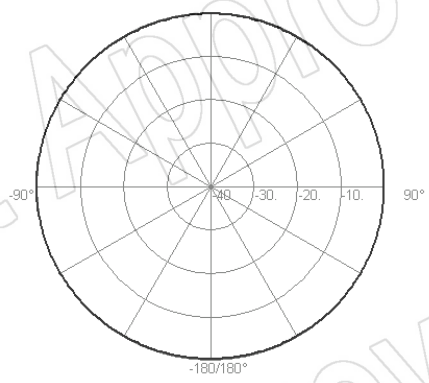


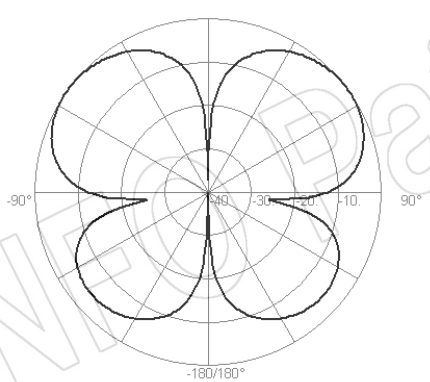
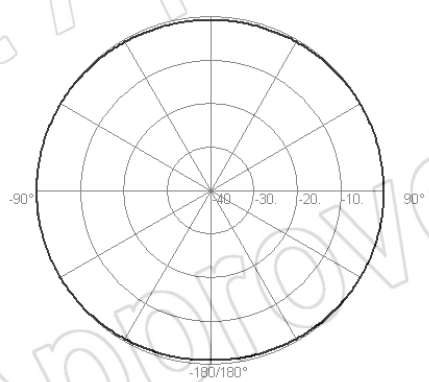
2. VSWR

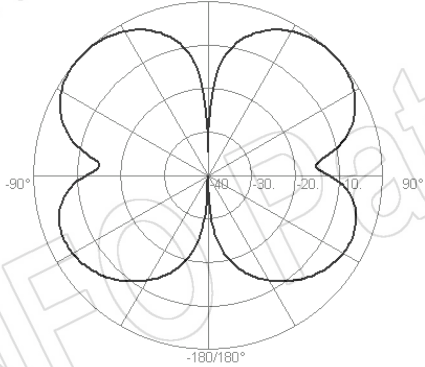
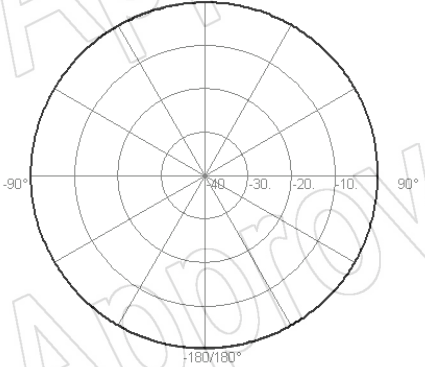
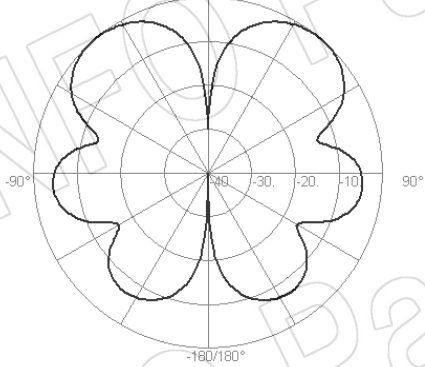
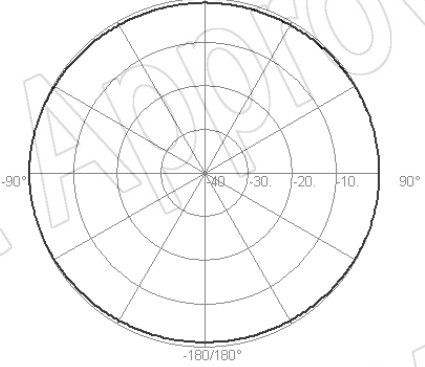
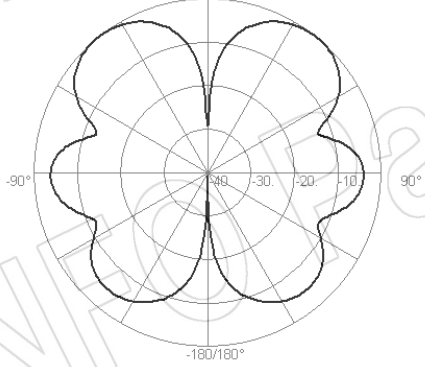
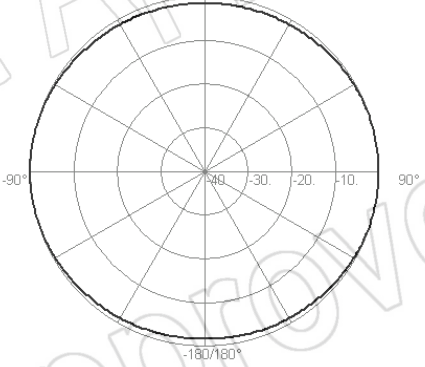


3. Pattern

Frequency: 0.8GHz	
E-Plane	H-Plane
	
3dB Beamwidth(deg):78.67	3dB Beamwidth(deg): 360

Frequency 1.0GHz	
E-Plane	H-Plane
	
3dB Beamwidth(deg):71.03	3dB Beamwidth(deg):360

Frequency: 1.5GHz	
E-Plane	H-Plane
	
3dB Beamwidth(deg): 46.24	3dB Beamwidth(deg):360

Frequency: 2.0GHz	
E-Plane	H-Plane
	
3dB Beamwidth(deg):40.58	3dB Beamwidth(deg):360
Frequency: 2.5GHz	
E-Plane	H-Plane
	
3dB Beamwidth(deg):35.59	3dB Beamwidth(deg):360
Frequency: 2.7GHz	
E-Plane	H-Plane
	
3dB Beamwidth(deg):34.50	3dB Beamwidth(deg):360