

# Outdoor Omni Antenna

## Specification

### 1. Electrical Properties :

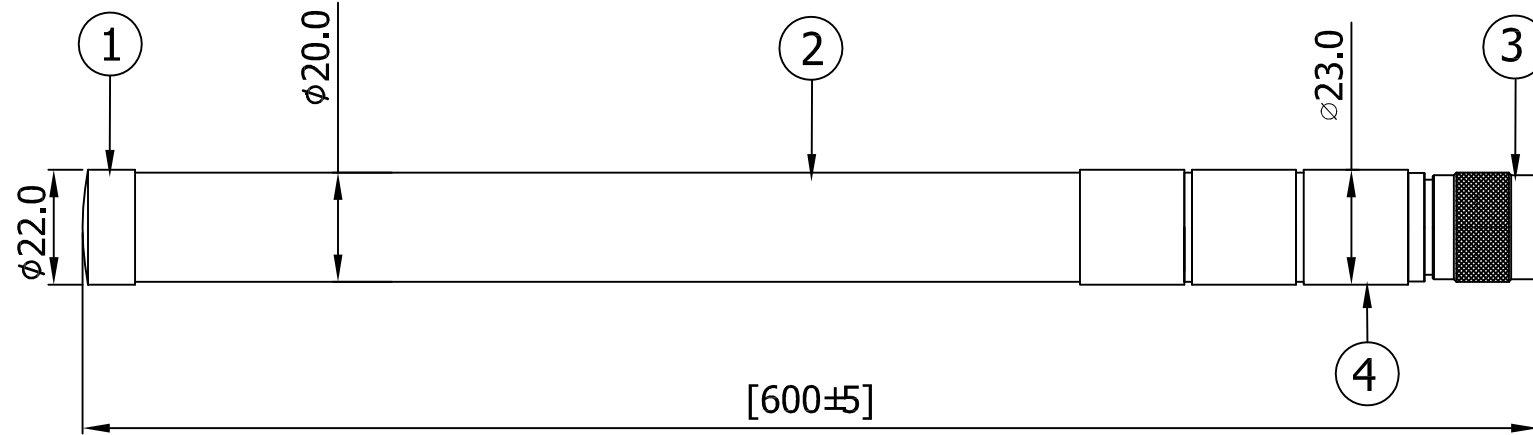
- 1.1 Frequency Range..... 868MHz
- 1.2 Impedance ..... 50Ω Nominal
- 1.3 VSWR ..... 2:0 Max.
- 1.4 Radiation ..... N/A
- 1.5 Peak Gain..... 4.52 dBi
- 1.6 Polarization..... Linear; Vertical
- 1.7 Admitted Power..... 1W
- 1.8 Cable..... N-type; Plug Standard

### 2. Physical Properties :

- 2.1 Operating Temp. .... -30°C ~ +75°C
- 2.2 Storage Temp. .... -40°C ~ +85°C

CG-

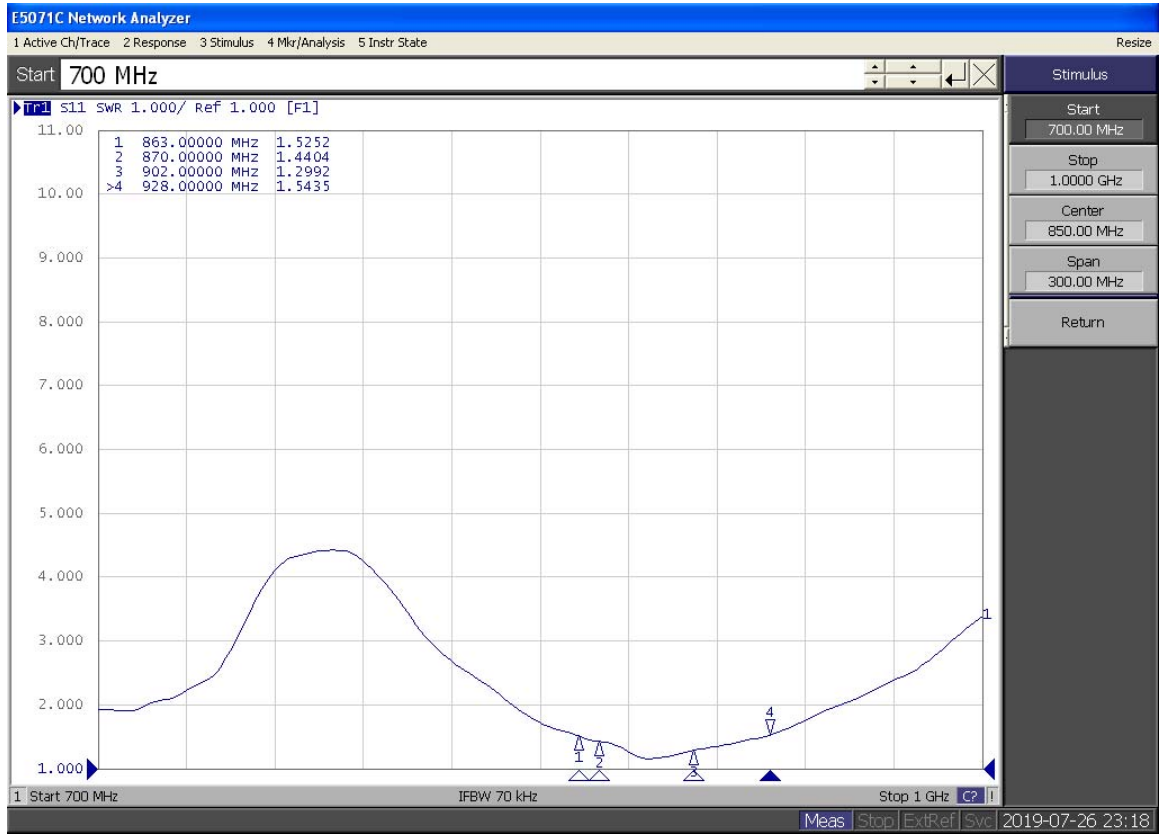
REV	DATE	DESCRIPTION
X1	07/29-2019	New Issue



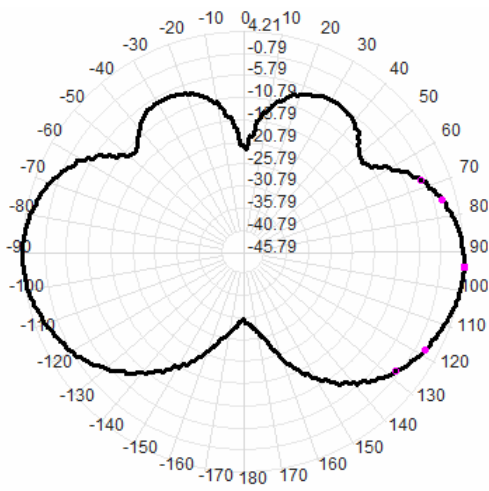
NO	DESCRIPTION	Q'TY	REMARK
4	Tube 銀色鋁管	1	
3	Connector N-Type Plug Standard	1	
2	Tube 玻璃纖維; White	1	
1	Tube Cap 銀色鋁管	1	

CUSTOMER'S SIGNATURE	XX.	±5.0	APPROVED	CUSTOMER: 星縱物聯 PART NO : PARTNAME: Outdoor Omni Antenna W.Y P/NO : REV UNIT FILE : SSR-1900158 X1 m/m SHEET : 1/1
	X.	±3.0	CHECKED	
	.X	±1.0		
	.XX	±0.5	DRAWING	
	.XXX	±0.1		
			T / E \ /	

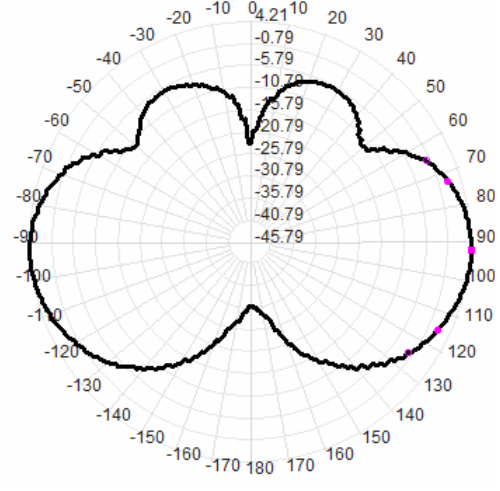
Outdoor Omni Antenn  
P/No. SSR-1900158 Spec:868MHz



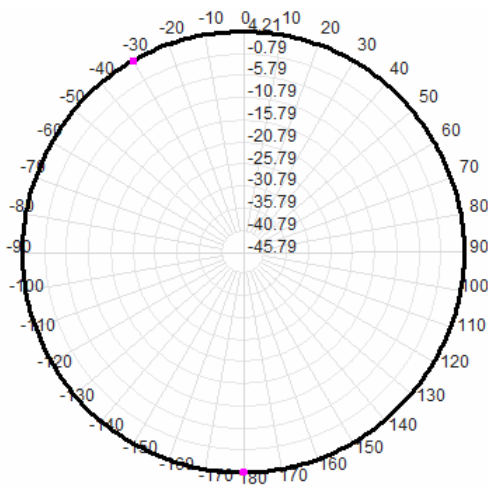
863.0MHz Total(E1)



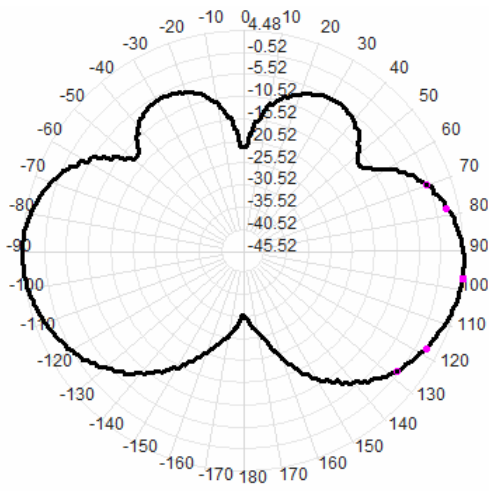
863.0MHz Total(E2)



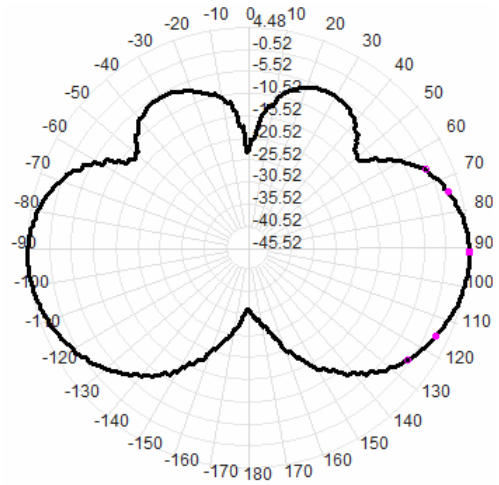
863.0MHz Total(H)



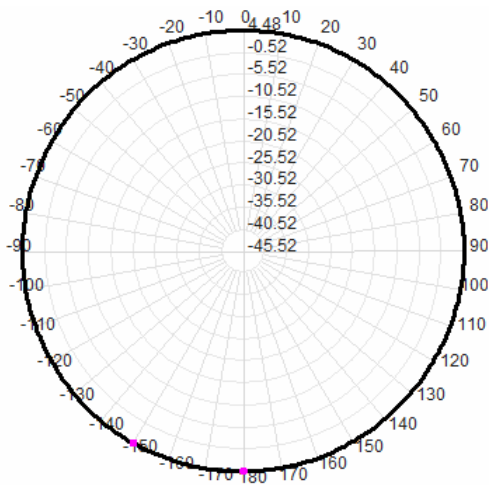
868.0MHz Total(E1)



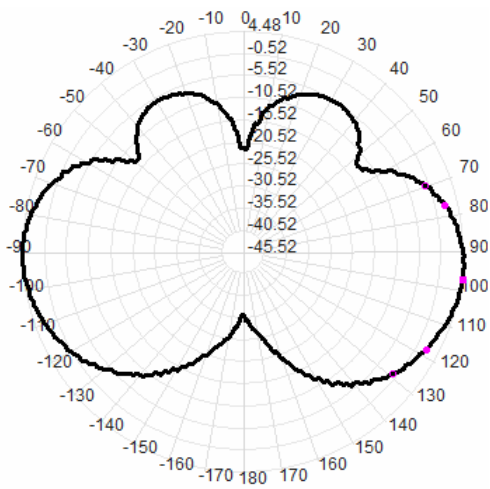
868.0MHz Total(E2)



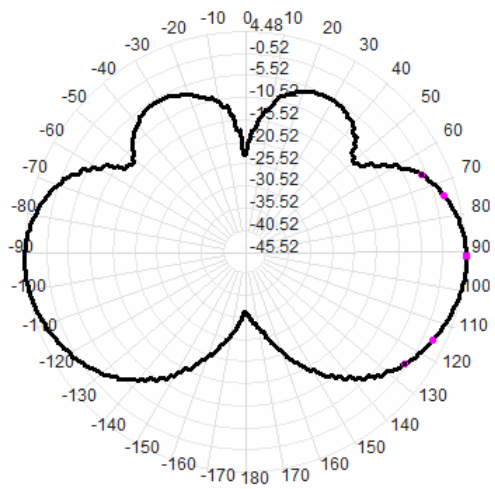
868.0MHz Total(H)



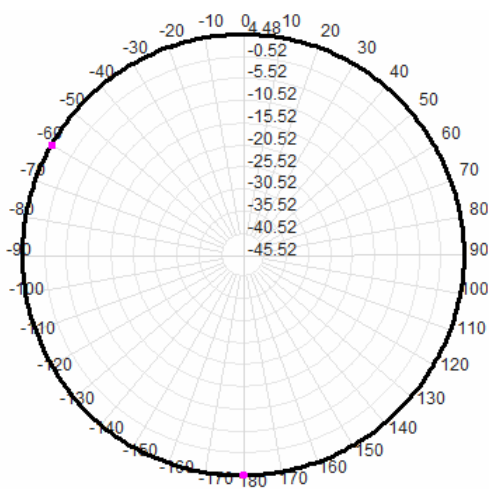
870.0MHz Total(E1)



870.0MHz Total(E2)



870.0MHz Total(H)



### Gain & Efficiency Test

Frequency ID	1	2	3
Frequency (MHz)	863.0	868.0	870.0
Gain (dBi)	4.22	4.52	4.52
Efficiency (%)	90	93	91