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[Taoglas Limited](#)
[IMA.01.306111](#)

For any questions, you can email us directly:
sales@integrated-circuit.com



Specification

SPECIFICATION

- Model No. : IMA.01
- Part No. : **IMA.01.306111**
- Product Name : External Iridium Marine Antenna
- Feature : 1616MHz ~1626.5MHz
Custom cables and connectors available
RoHS ✓



Version	Date	Page	Revision Description	Prepared	Approved
A	May 26 th 2010	All	New product	TW Product Centre	Ronan Quinlan

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I Introduction

The IMA.01 – Marine Antenna, delivers exceptional reception performance for permanent in-building or marine applications. This antenna is designed for free-air operation, no ground plane required.

II Specification

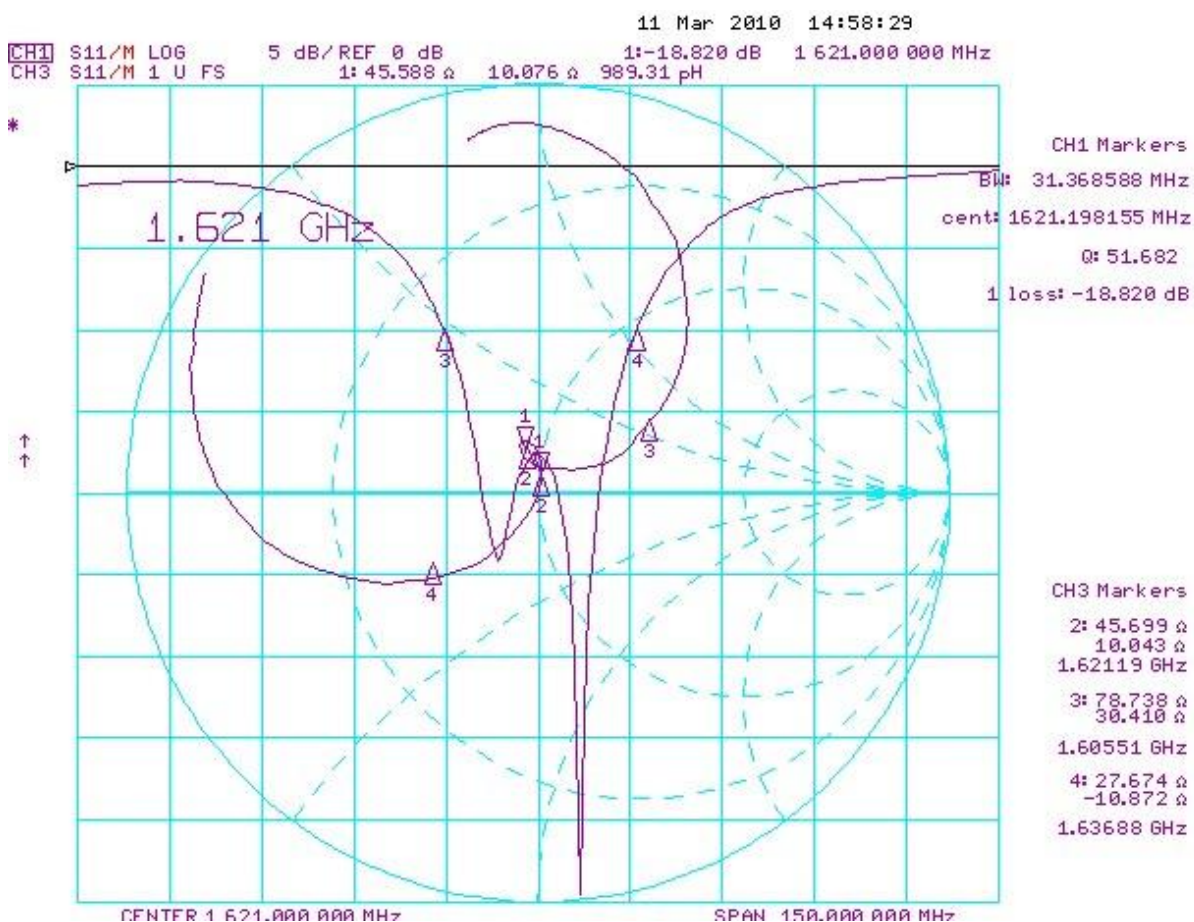
Parameter	Specification
Frequency Range	1616Mhz~1626.5Mhz
Centre Frequency	1621.5MHz ±5.25MHz
Bandwidth	29MHz min.
Impedance	50 Ohms
Polarization	RHCP
VSWR	1.5 Max (at centre frequency)
Connector	SMA(M)plug
Cable	RG-58U
Termination	Ag (Environmentally-Friendly PB Free)
Operation Temperature	-40°C to + 85°C
Storage Temperature	-40°C to + 85°C
Relative Humidity	40% to 95%
Dimensions	90*38*70mm

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III Performance Measurement and Results

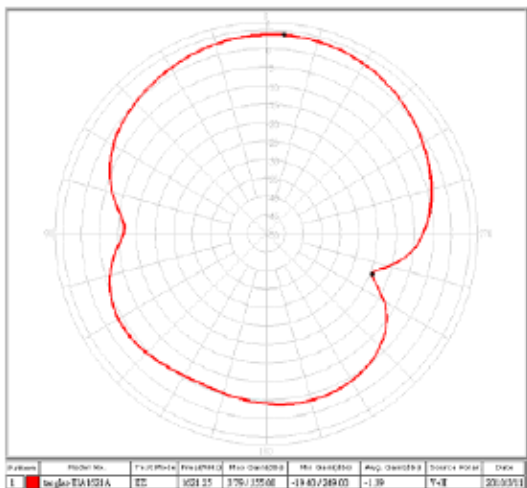


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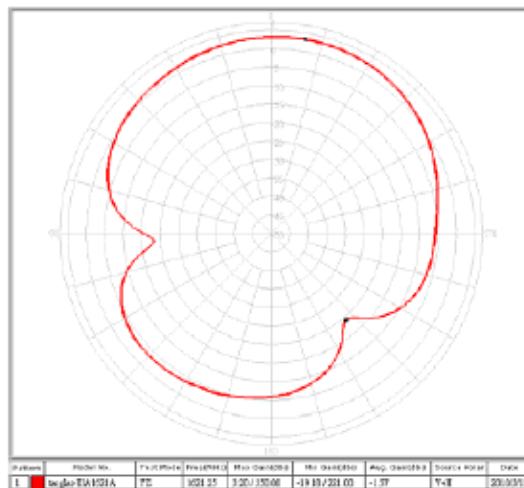


Specification

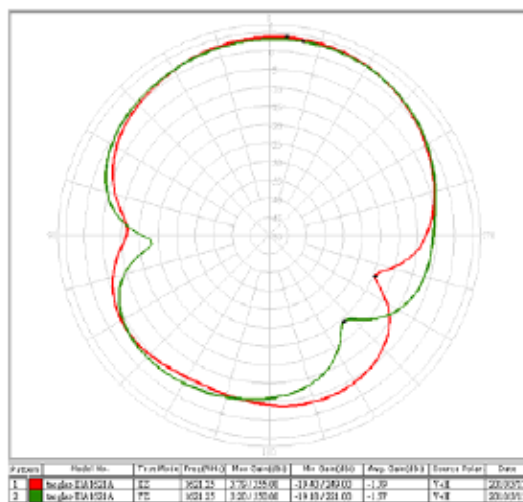
III Antenna Gain Chart



XZ-Plane



YZ-Plane



XY-Plane

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IV Drawing

