

Marine AIS VHF Antenna

MODEL: TH-162C

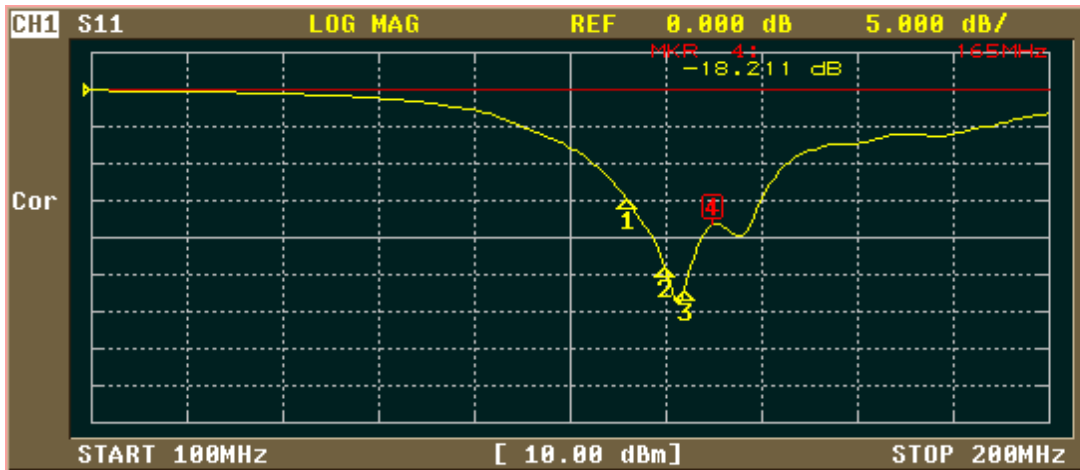


1. Electrical Properties

Parameter	Description
Frequency Band	156-165Mhz (ON Customer equipment GND)
Nominal Impedance	50 ohm
Polarization	Vertical
Return Loss	Please See Data-1
V.S.W.R	2.0:1
Antenna Peak Gain	0dBi

2. Mechanical Properties

Parameter	Description
Antenna Type	External Antenna
Connector Type	SMA or RP-SMA(M)
Antenna Dimensions	155 mm \pm 3
Antenna Color	ASA-UV-Black
Operating Temperature Range	-40°C~+80°C
Storage Temperature Range	-40°C~+80°C
Waterproof	IPX7



CH1 MARKER LIST

1:	156.000MHz	-14.858 dB
2:	160.000MHz	-24.007 dB
3:	162.000MHz	-27.211 dB
4:	165.000MHz	-18.211 dB
5:		
6:		
7:		
8:		
9:		
10:		

FORMAT

LOG MAG

PHASE

DELAY

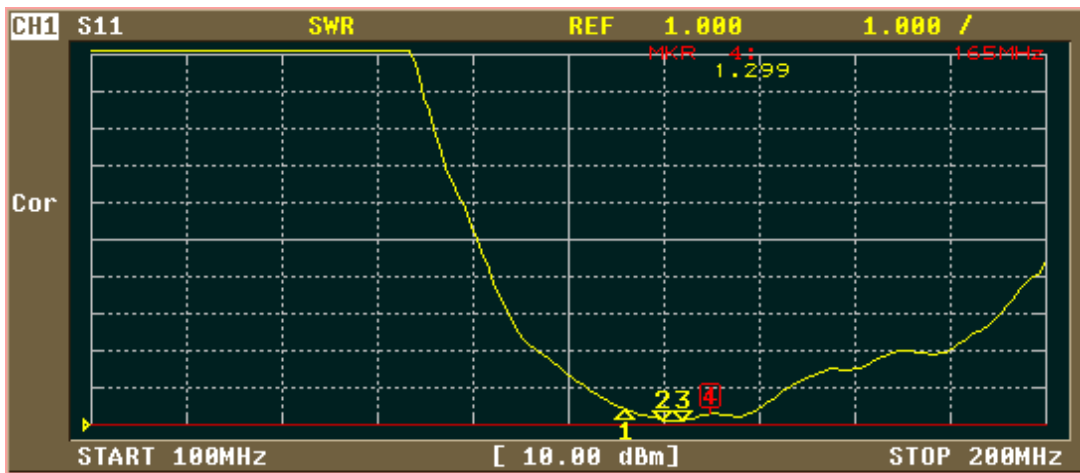
SMITH (R+jX)

SMITH (G+jB)

POLAR

LIN MAG

More 1/2



CH1 MARKER LIST

1:	156.000MHz	1.415
2:	160.000MHz	1.126
3:	162.000MHz	1.108
4:	165.000MHz	1.293
5:		
6:		
7:		
8:		
9:		
10:		

FORMAT

SWR

REAL

IMAG

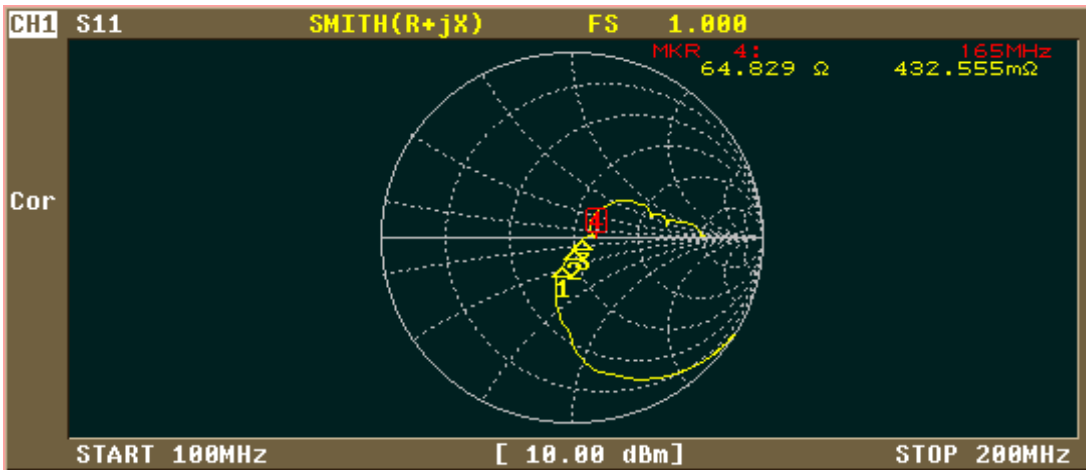
PHASE -∞, +∞

LOG MAG & PHASE

LOG MAG & DELAY

LIN MAG & PHASE

More 2/2



CH1 MARKER LIST

1:	156.000MHz	42.791 Ω	-13.791 Ω	73.976pF
2:	160.000MHz	50.796 Ω	-6.130 Ω	162.249pF
3:	162.000MHz	55.434 Ω	-872.481mΩ	1.126nF
4:	165.000MHz	64.935 Ω	782.453mΩ	754.735pH
5:				
6:				
7:				
8:				
9:				
10:				

FORMAT

LOG MAG 1

PHASE 2

DELAY 3

SMITH (R+jX) 4

SMITH (G+jB) 5

POLAR 6

LIN MAG 7

More 1/2 8