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INTRODUCTION

1. GENERAL DESCRIPTION

AIR WAVE P/N	
EA	-179E

1.1 Electrical Properties

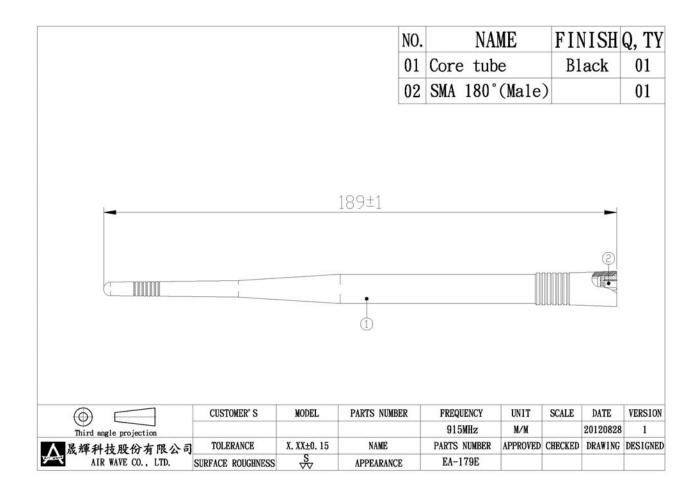
Parameter	Description
Frequency Band	915MHz
Nominal Impedance	50 ohm
Polarization	Vertical
V.S.W.R	2.0:1

1.2 Mechanical Properties

Parameter	Description
Antenna Type	External Antenna
Antenna Cover	TPR
Touch Type	Screw Type
Connector Type	SMA Connector (Male)
Antenna Dimensions	189mm ±1
Antenna Color	Black
Operating Temperature Range	-20°C~+60°C
Storage Temperature Range	-30°C~+70°C

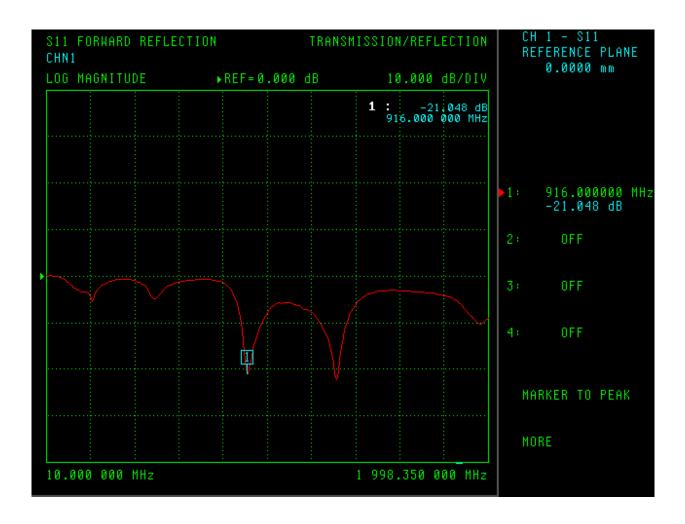
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2. Appearance

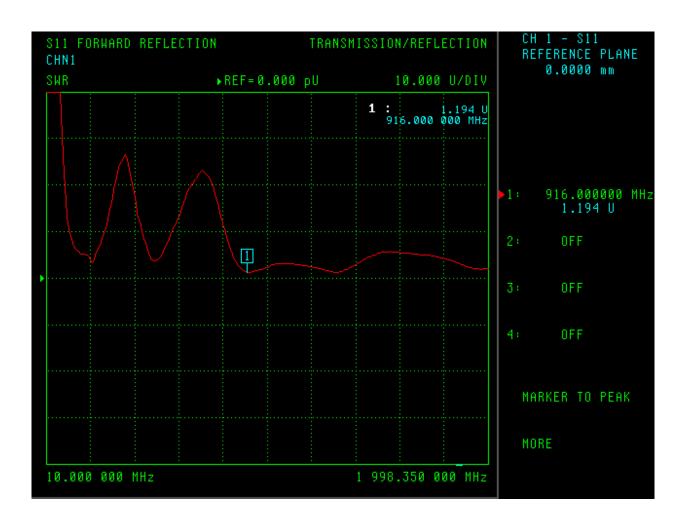


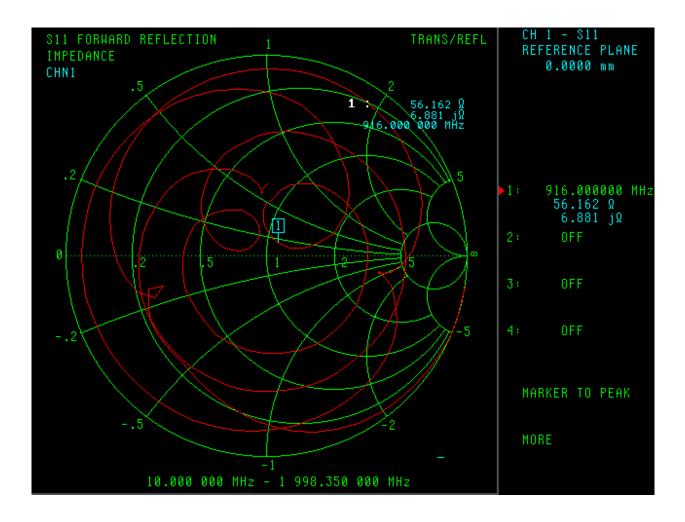
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3. Return Loss, V.S.W.R. and Smith Chart



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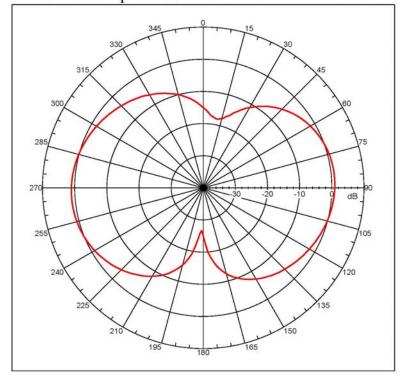




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4. E-PLANE

Far-field amplitude of ANTENNA916MHz-E.nsi

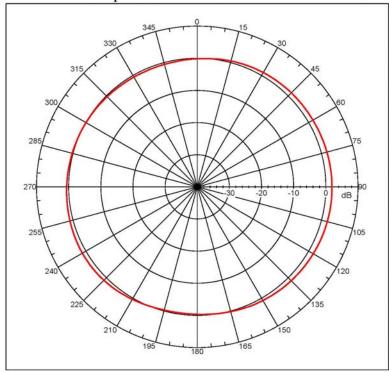


```
Far-field amplitude, Eprincipal: Linear, Tau = 0.000 deg
Gain = 1.05433 din
1.05433 din
1.05433 din
1.05433 din
1.05433 din
1.05433 din
1.05434 din
1.
```

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5. H-PLANE

Far-field amplitude of ANTENNA916MHz-H.nsi



```
Far-field asplitude, Eprincipal: Linear, Tau = 0.000 deg
Gain = 1,92469 dii
Gain = 1,92469 dii
Global) = -39.67215 dB, Max far-field (plot) =
32.67216 (global) = -39.67215 dB, Max far-field (plot) =
32.67216 (global) = -39.67215 dB, Max far-field (plot) =
80.67216 (global) = -39.67216 dB, Max far-field (plot) =
80.67216 (global) = -39.67216 dB, Max far-field (global) = -39.87216 dB,
821000 V4.0.124, Filename.C\\Occuments and Settings\N31\Desktop\Y.
82172012 2:03:49 PM, Filetype: NSI-97
8217216 Atachysis:
82172012 2:03:49 PM, Filetype: NSI-97
82172012 2:03:
```

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