

IEEE 802.11 B Straight Antenna

MCS-004

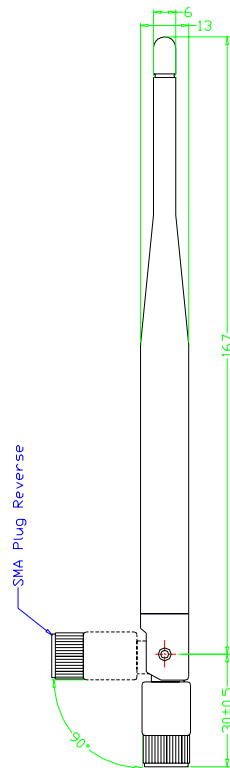
TECHNICAL DATA

Electrical Properties

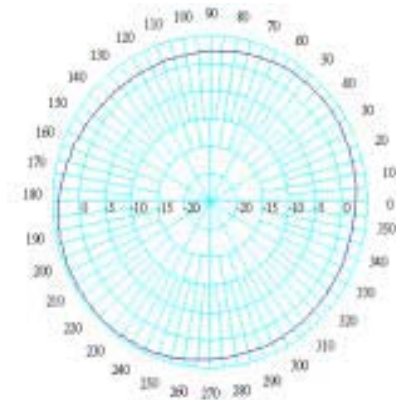
Frequency Range	2.4~2.5 GHz
Impedance	50 Ohms nominal
VSWR	≤ 2.0
Gain	5 dBi
Radiation	Omni
Polarization	Vertical
Electrical Wave	$\lambda/4$ Dipole array
Standard Connector	Reverse SMA

Mechanical Properties

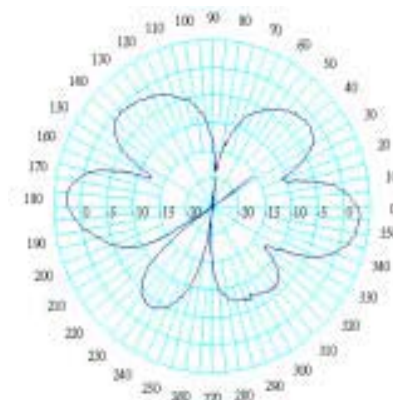
Antenna Cover	Polyurethane
Color	Black
Operation Temperature	-20°C ~ +60°C
Storage Temperature	-30°C ~ +75°C



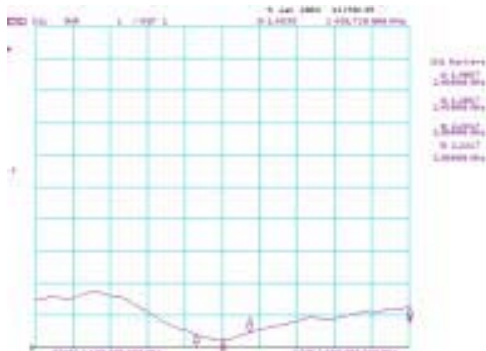
H-Plain Field Pattern



E-Plane Field Pattern



VSWR



Return Loss



APPROVAL SHEET

CUSTOMER

MODEL NO . : NAS-2405 (N)

DESCRIPTION : **2.4GHz Flying Lead
Omni-Directional Antenna**

Customer Approval

--	--	--

Model No. : **NAS-2405 (N)**

Specifications

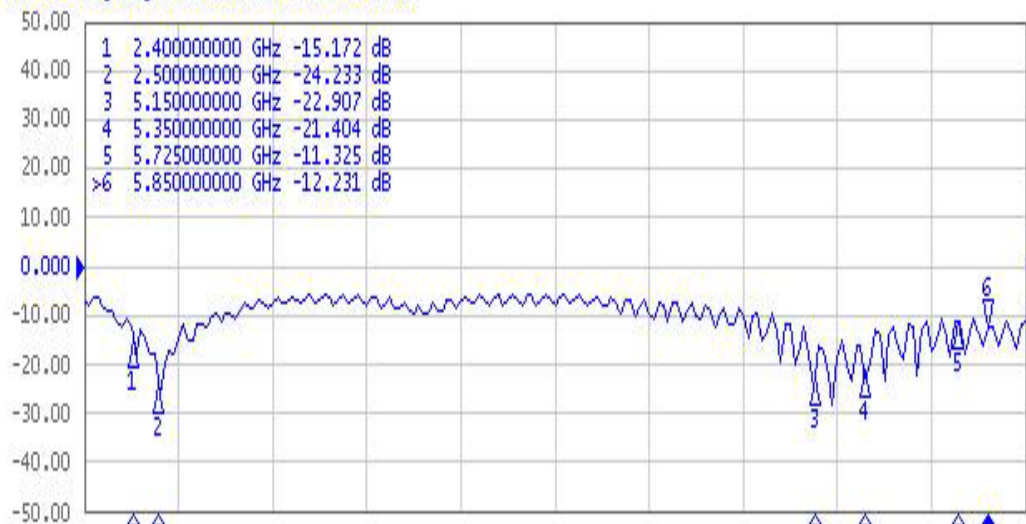
- | | |
|-------------------------|-----------------------------|
| 1. Frequency Range..... | 2.4~2.4835GHz |
| 2. Impedance..... | 50 Ohms (nominal) |
| 3. SWR..... | ≤ 2.0 |
| 4. Return Loss..... | ≤ -9.6 dB |
| 5. Gain..... | 5.0dBi |
| 6 .Polarization..... | Vertical |
| 7. Connector..... | SMA Plug (Reverse Polarity) |
| 8. Cable..... | RG-316 |

Model No. : **NAS-2405 (N)**

Test Report

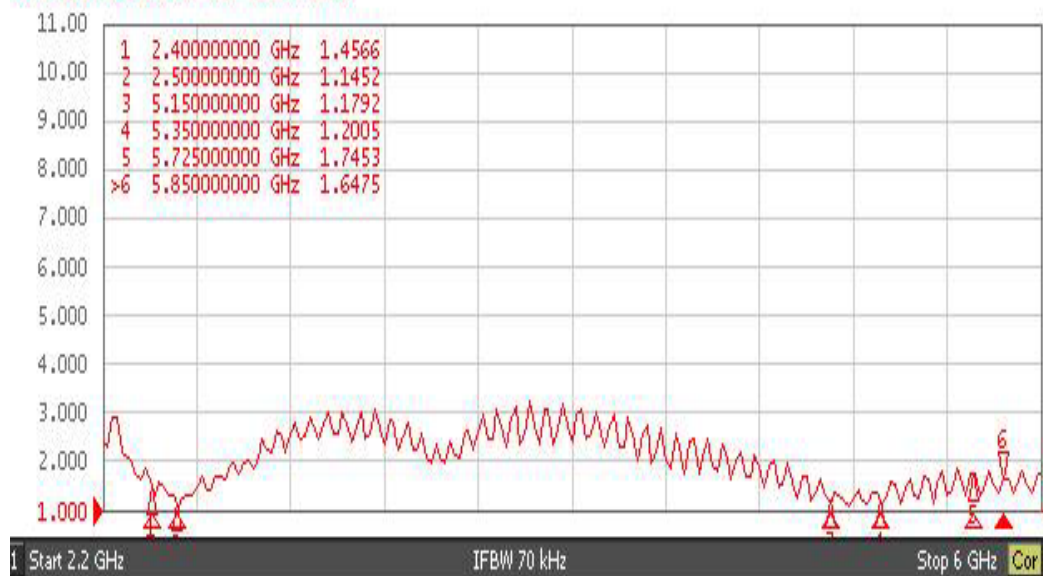
Return Loss

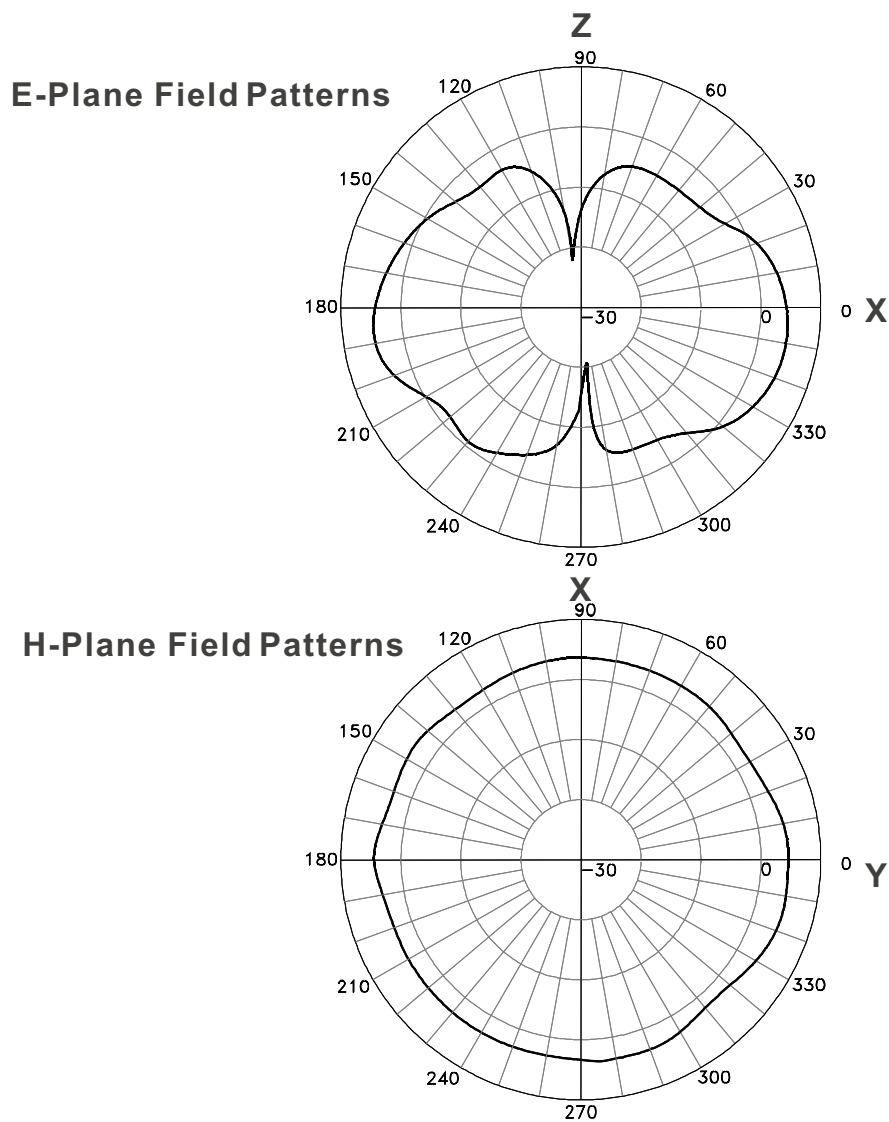
Tr1 544 Log Mag 10.00dB/ Ref 0.000dB [R0]



SWR

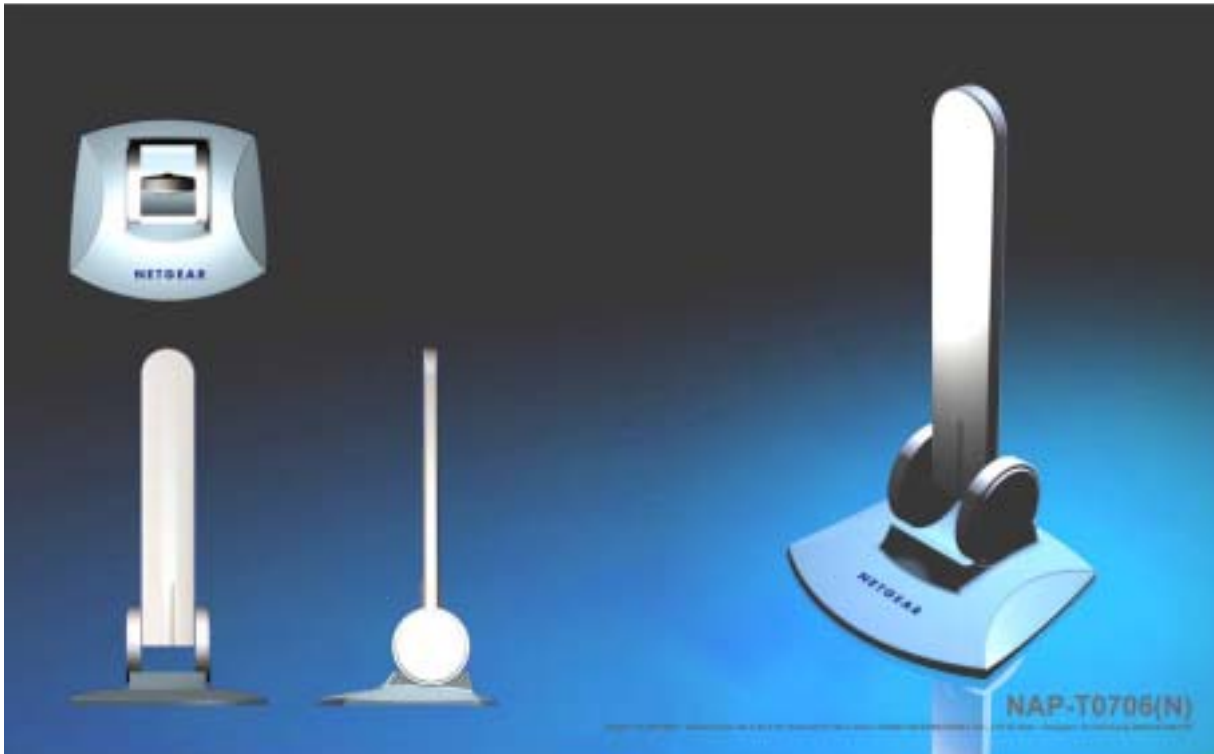
Tr2 544 SWR 1.000/ Ref 1.000 [R0]





Frequency: 2.45GHz
Gain: 5.0dBi

Model No. : **NAS-2405(N)**



TECHNICAL DATA

● Electrical Properties

Frequency Range	: 2.4~2.5GHz
Impedance	: 50 Ohm nominal
VSWR	: ≤ 2.0
Gain	: 7dBi
Radiation	: Omni
Polarization	: Vertical
Electrical Wave	: $\lambda/4$ Dipole Array
Connector	: SMA Plug Reverse

● Mechanical Properties

Antenna Cover	: PU
Color	: Black
Operation Temperature	: $-20^{\circ}\text{C} \sim +60^{\circ}\text{C}$
Storage Temperature	: $-30^{\circ}\text{C} \sim +75^{\circ}\text{C}$