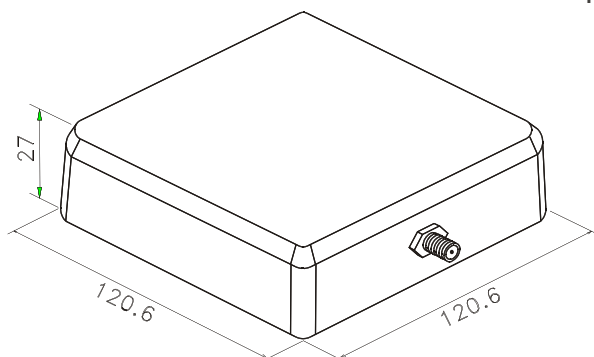


2.4GHz Patch Antenna

SAP-2412



Unit: mm

TECHNICAL DATA

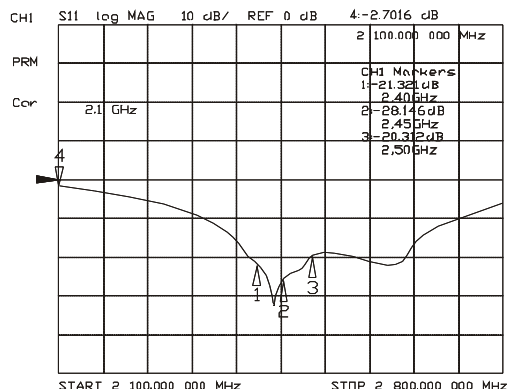
●Electrical Properties

Frequency Range	: 2.4~2.5GHz
Impedance	: 50 Ohms nominal
SWR	: ≤ 2.0
Gain	: 12 dBi
Radiation	: Direction
Polarization	: Linear
Beam Degree	: 60°

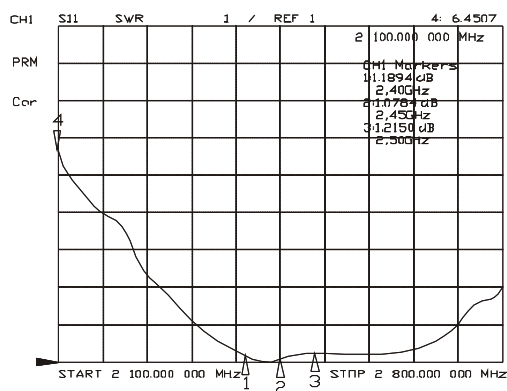
●Mechanical Properties

Connector	: Reverse SMA Female
Material	: ABS / PC
Tape	: Acrylic Foam Tape
Operation Temperature	: -20 °C ~ +65 °C
Storage Temperature	: -30 °C ~ +75 °C

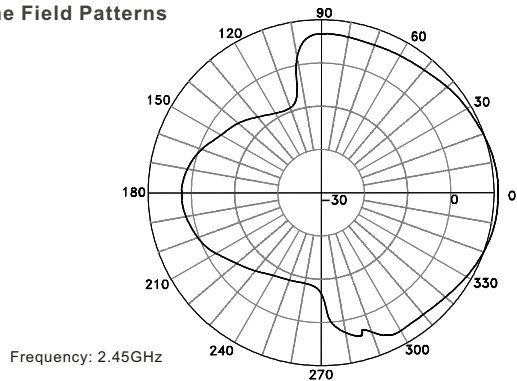
Return Loss



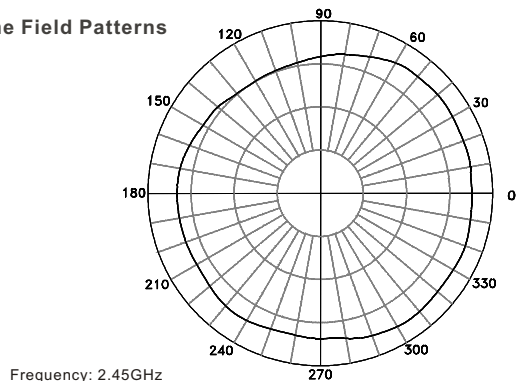
SWR



E-Plane Field Patterns



H-Plane Field Patterns



APPROVAL SHEET

CUSTOMER : NETGEAR

MODEL NO : NAP-2418(N)

PART NO : ACC-10337-01

DESCRIPTION : 18dBi Patch antenna with N (F) jack

DATE : 2003/03/28 (Version:1.0)

Customer Approved

Issued	Checked	Approved
Jason Lee	Jac Lee	Damy Wu

Electric properties

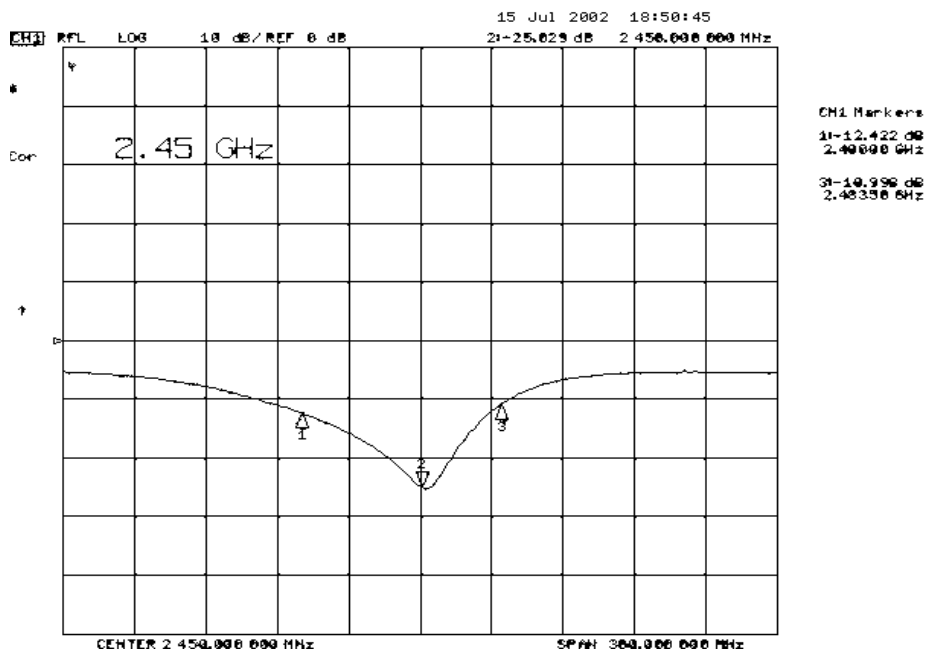
1. Frequency Range..... 2.45±5Mhz
2. Type..... Patch
3. Impedance..... 50 OHMS± 5Ω
4. SWR..... ≤1.5
5. Return Loss..... ≤-15dB
6. Gain..... 18dBi
7. Radiation..... Directional
8. Polarization..... Vertical
9. Beam Degree..... HORZ 60°...VERT 30°

Mechanical Properties

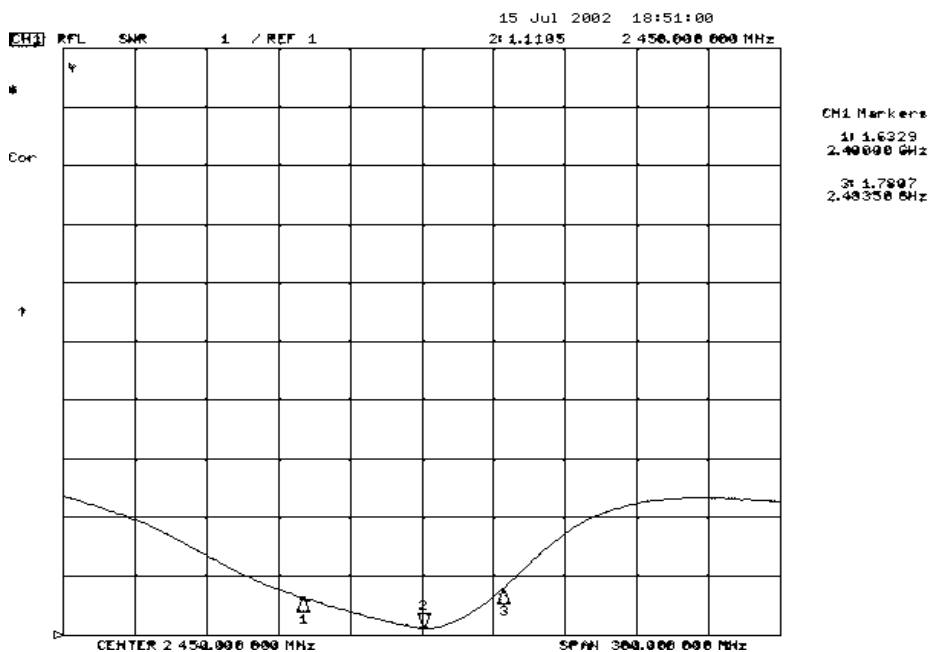
1. Connector Type..... Reverse N
2. Material..... PC+ABS
3. Color..... WHITE
4. Mounting Base STEEL
5. Operation Temperature..... -30°C+80°C
6. Storage Temperatue..... -30°C+80°C
7. Weight..... 1520g±20g

Test Report

Return Loss

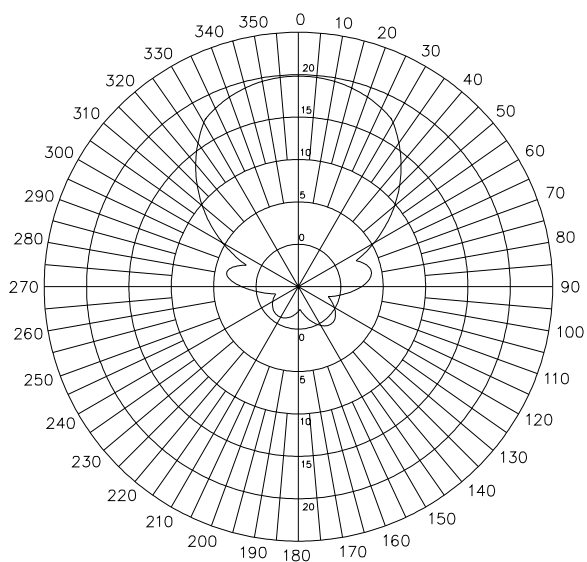


SWR

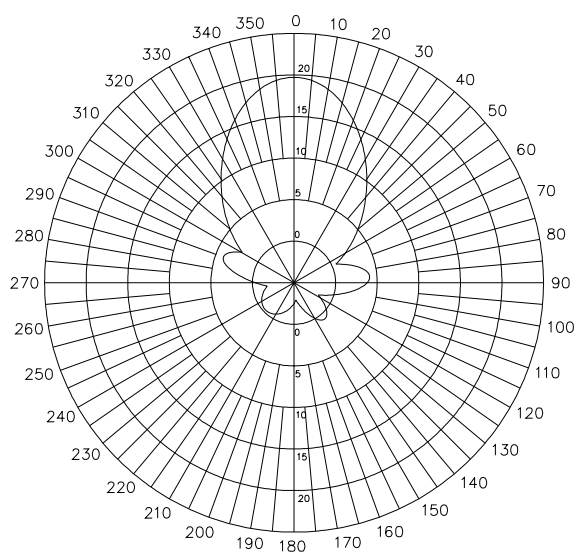


Test Report

H-PLANE FIELD PATTERN



E-PLANE FIELD PATTERN



Dimension

Device Size: 262.8(L) * 262.8(W) * 40(H) mm

Color: Body(Pantone 428C), Lettering(Pantone 2756C)

