

승 인 원

HP-2.4N-RXT(GLASS)

REXTRON CO., LTD.

DRAWN	CHECKED	APPROVED
김선군	이한수	최영

Approved by

(주) TRINUS

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1. Specifications

1.1 General Standards

1.1.1 Model name : HP-2.4N-RXT(GLASS)

1.1.2 Antenna type : PCB antenna

1.2 Electrical Standards

1.2.1 Frequency range : 2.4~2.5GHz

1.2.2 V.S.W.R : 1.5 : 1(max)

1.2.3 Radiation pattern : Omni-directional

1.2.4 Polarization : Dipole type

1.2.5 Impedance : 50Ω

1.3 Mechanical Standards

1.3.1 Base body : PC (Plastics-Component)

1.3.2 Color : Black

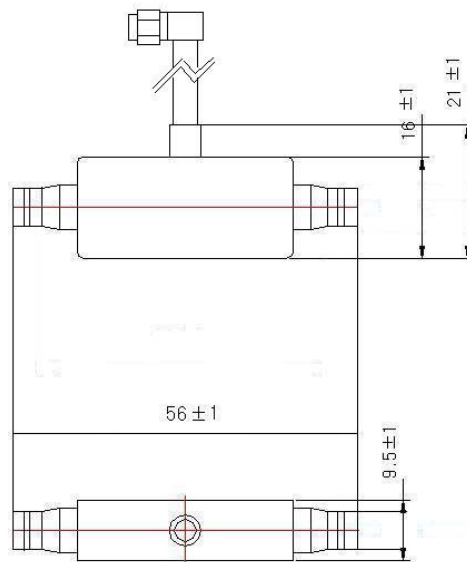
1.3.3 Cable ass'y : RG174 cable + SMA R/A connector (Reverse Fe-male)

1.3.7 Length : Antenna 56 ± 1 mm , Cable Ass'y 3 ft $\pm$ 5cm , 10ft $\pm$ 5cm

1.3.8 Thickness : 9.5 ± 1

1.3.9 Operating temperature : $-20^{\circ}\text{C} \sim +50^{\circ}\text{C}$

2. Exterior



3. Test data sheet

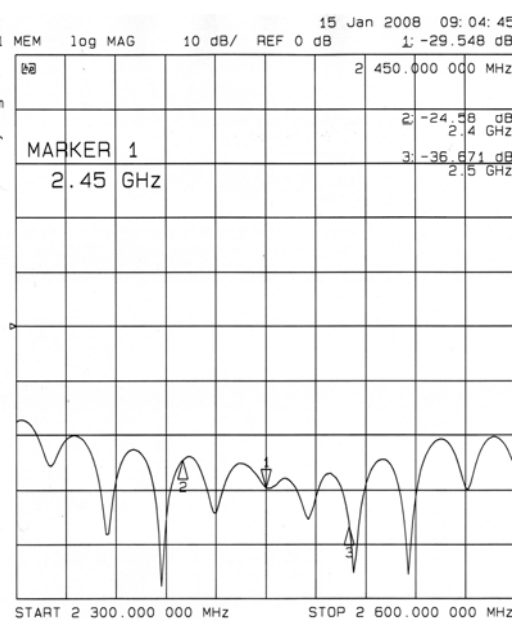
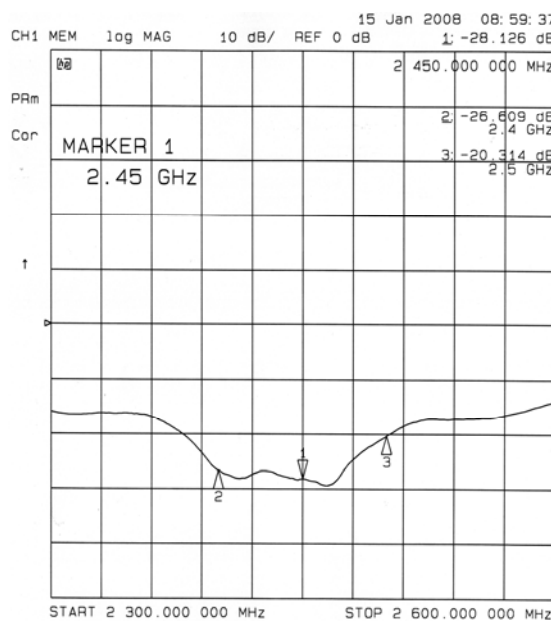
Parameter	Specification	Test Data
V.S.W.R	1.5:1(max)	3 ft = 1.2:1
		10 ft = 1.12:1
Return Loss	-15 dB(max)	3 ft = -20 dB
		10 ft = -24dB

4. Data sheet (안테나 측정 값)

5.1 Return Loss

3 ft

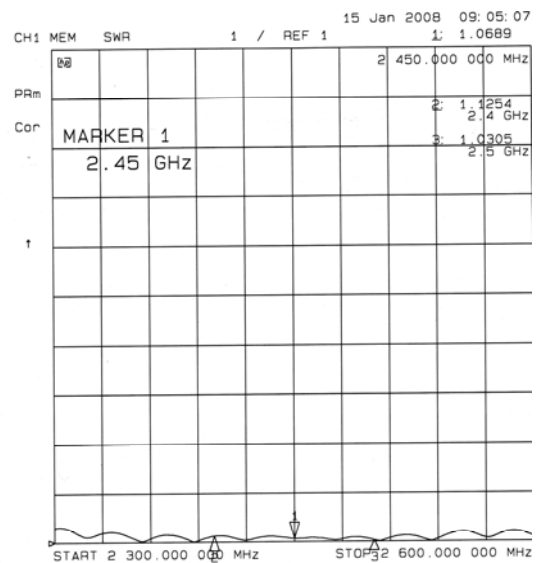
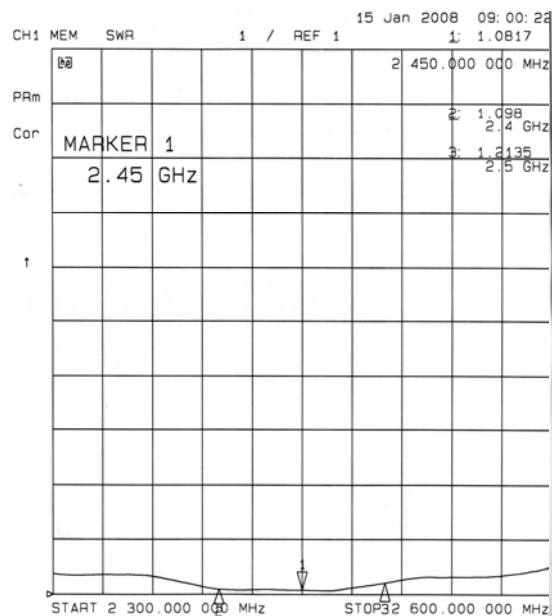
10 ft



5.2 VSWR

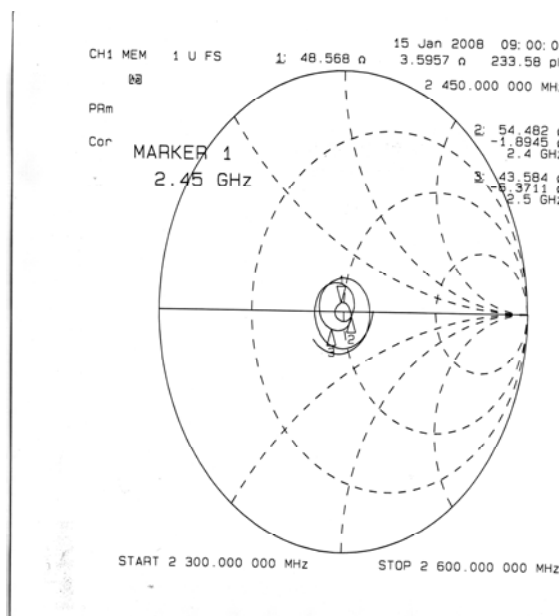
3 ft

10 ft



5.3 Smith Chart

3 ft



10 ft

