



VHF/UHF Band
<Patent Pending>

Approval Sheet

DVB-T Antenna



921Z02E1XXXXXXXXXX

Ver. 1.01

2006/03/15

CHANT SINCERE CO.,LTD.

DESCRIPTIONS

The exciting 921Z02E1XXXXXXXX is one of the world's high-performance VHF170~240MHz /UHF470~860MHz small antennas. It is for Note Book, PC, Car and Home TV applications. This DVB-T antenna comprises a radiating structure of multiple meandered conducting strips, which are developed on a tiny piece of Printed Circuit Board (PCB) and packed with a Thermal Plastic dielectric composite material to achieve size, performance characteristics and cost effectiveness superior to other designs. The dimension is 50 mm (L) x 50 mm (W) x 4.7 mm (T).

FEATURES

- Ultra-Thin, Light Weight (45g)
- Miniaturized Size ($50 \times 50 \times 4.7 \text{mm}^3$)
- Omni-Directional Antenna Pattern
- Wide Bandwidth
- Favorable Linear Polarization
- Thermal Plastic Insert Molding Technology
- Cost-Effective

APPLICATIONS

- PC
- Note Book
- Car
- Home TV

SPECIFICATIONS

■ 921Z02E1XXXXXX



KEY FEATURES:

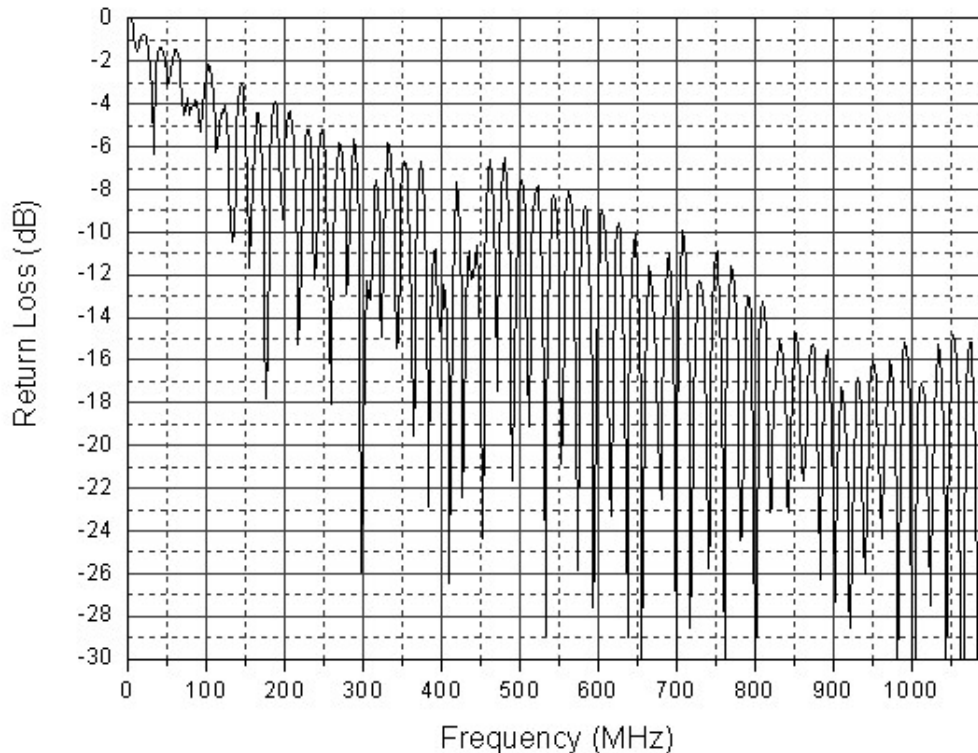
- Ultra-Thin, Light Weight (45g)
- Miniaturized Size (50×50×4.7mm³)
- Wide Bandwidth
- Cost-Effective

MAIN APPLICATIONS:

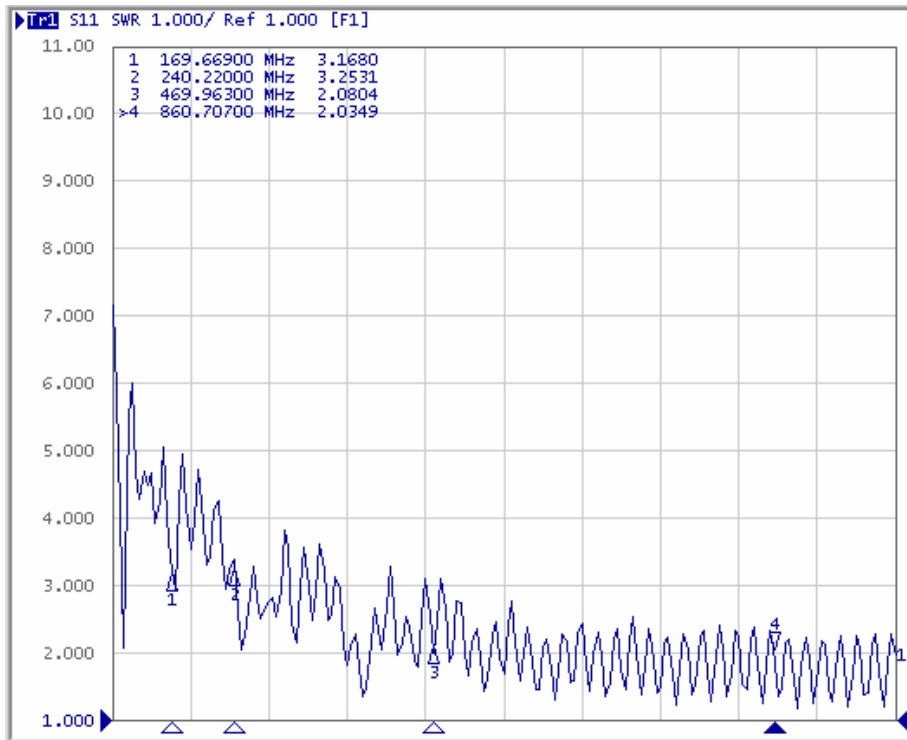
- Car
- Home TV

	DVB-T Antenna
Dimension (mm ³)	50×50×4.7
Frequency (MHz)	VHF 170~240 MHz / UHF 470~860 MHz
Return Loss (dB)	-3 (max)
VSWR	6 (max)
Polarizaion	Linear
Pattern	Omni-Directional
Impedance ()	50
Construction	Thermal Plastic Insert Molding

Return Loss and Bandwidth (Cable Length= 5M)



VSWR (Cable Length= 5M)



HOW TO ORDER

921 Z02 E 1 XX X X X X X

1 2 3 4 5 6 7 8 9 10

1. SERIED NO.

921=DVB-T ANTENNA

2. TYPE

Z02=50x50mm² (w/ MAGNET)

3. ENVIRONMENT PROTECTION MATERIAL

E=RoHS

4. THICKNESS

1=4.7mm

5. FREQUENCY

11=UHF 470 ~ 860 MHz

22=VHF 170 ~ 240 MHz / UHF 470 ~ 860 MHz

6. CONNECTOR TYPE.

1=F CONN.

4=MCX

2=IEC CONN.

5=MMCX

3=SMA

7. CABLE LENGTH.

1=1.5M

2=5.0M

8. ACCESSORY

0=W/O ACCESSORY

1=SUCKER

9. LABEL

0=STANDARD

1=CUSTOMIZATION

10. COLOR

1=WHITE (MOQ=10K)

3=BLACK

CHANGE:

1. Add chart of VSWR

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