

EHong Inverted F Antenna Radiation Pattern

Ver.1.0

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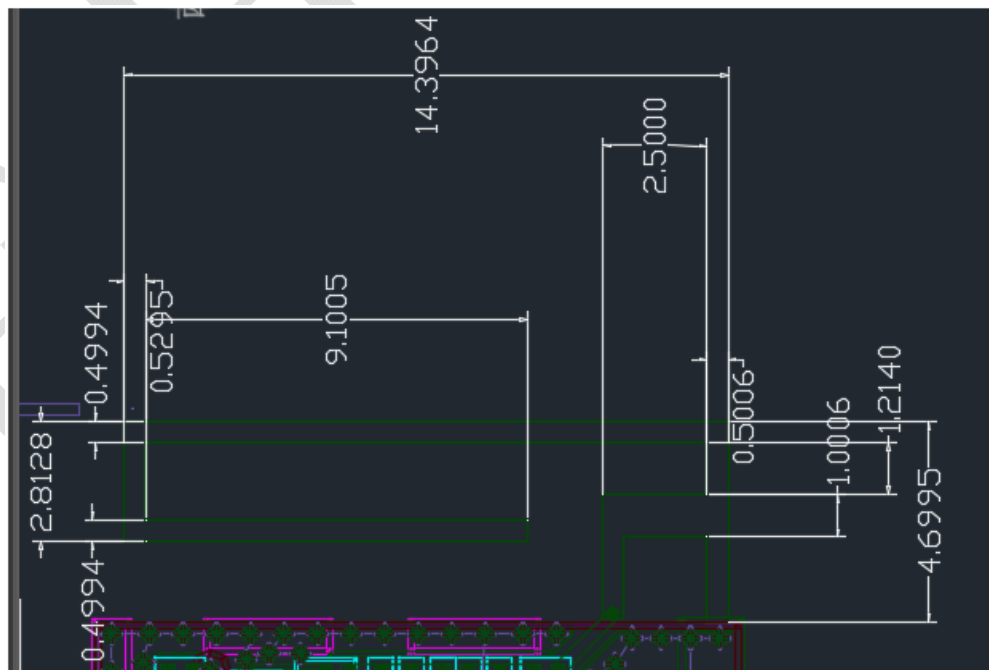
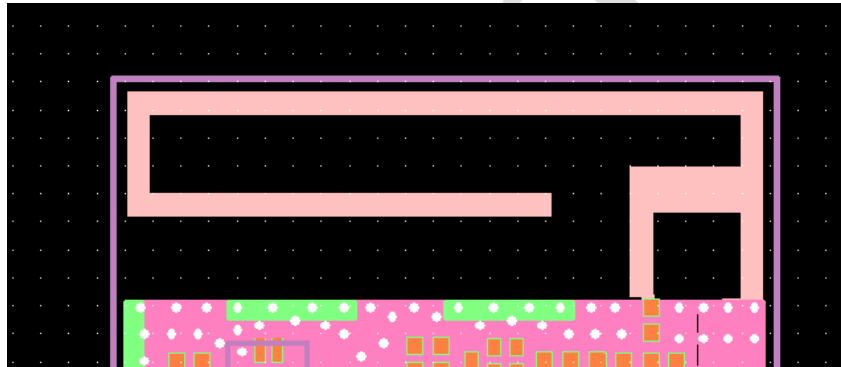
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1. Real Design



单位：mm

Approximate Dimensions of Inverted F antenna

2. Antenna Gain

Type of antenna	Metal Planar PCB Antenna
Antenna polarization	Level
Frequency	2400-2500 MHz
Antenna Gain	0.54 dBi
Antenna attachment type	Internal mounted
Antenna manufacture	EHong Technologies Inc.
Test lab. of the antenna	Shanghai SGS

3. Antenna Pattern

Figure 1. Radiation pattern of H-plane at co-polarization.

Figure 2. Radiation pattern of H-plane at cross-polarization

Figure 3. Radiation pattern of E1-plane at co-polarization

Figure 4. Radiation pattern of E1-plane at cross-polarization

Figure 5. Radiation pattern of E2-plane at co-polarization

Figure 6. Radiation pattern of E2-plane at cross-polarization

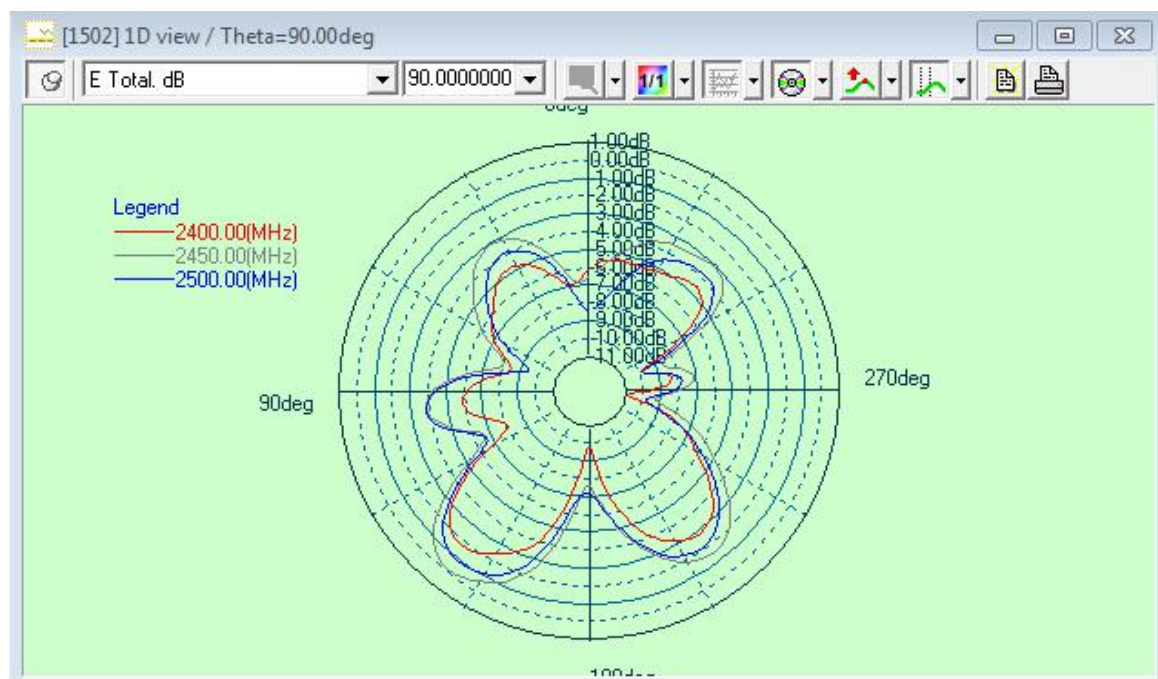


Figure1: Radiation pattern of H-plane at co-polarization.

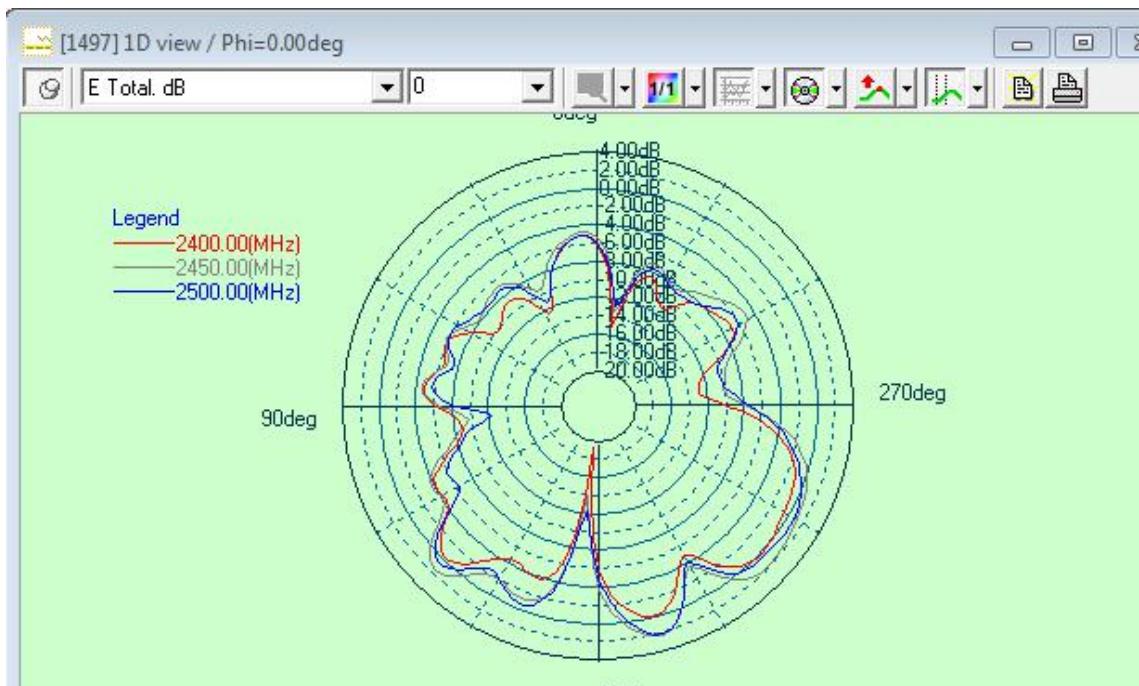


Figure2: Radiation pattern of H-plane at cross-polarization

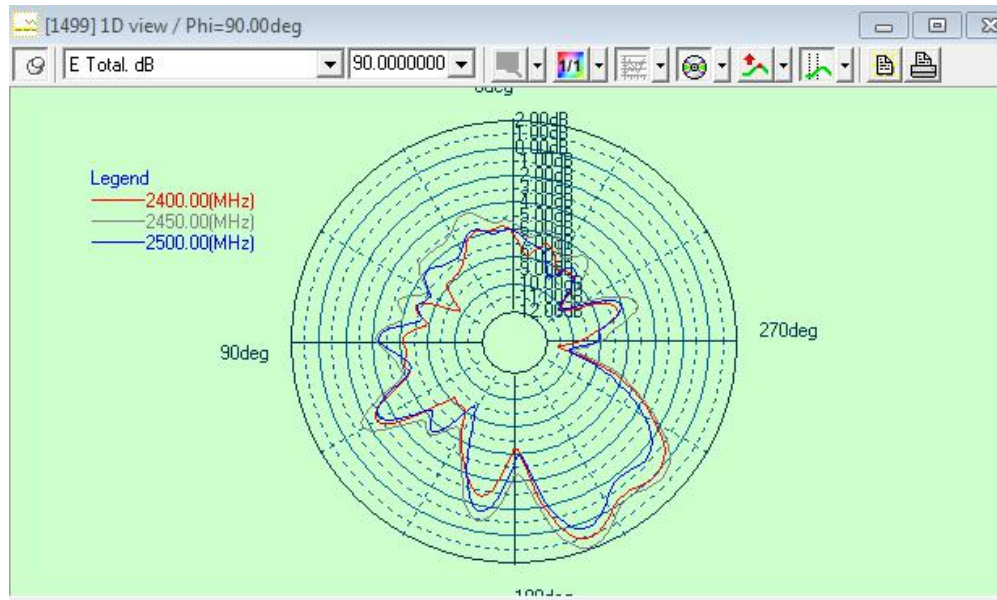


Figure3: Radiation pattern of E1-plane at co-polarization