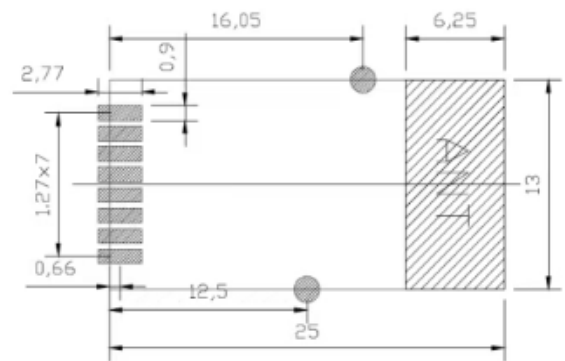
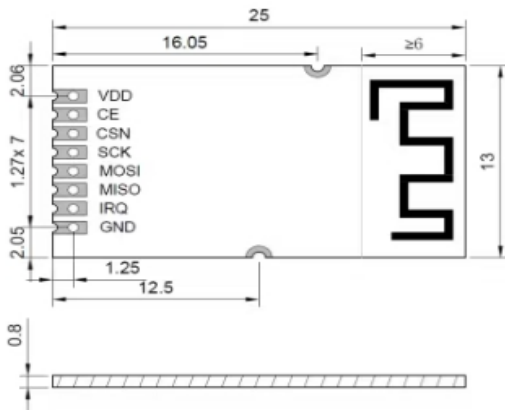


Inverted F Antenna Specification

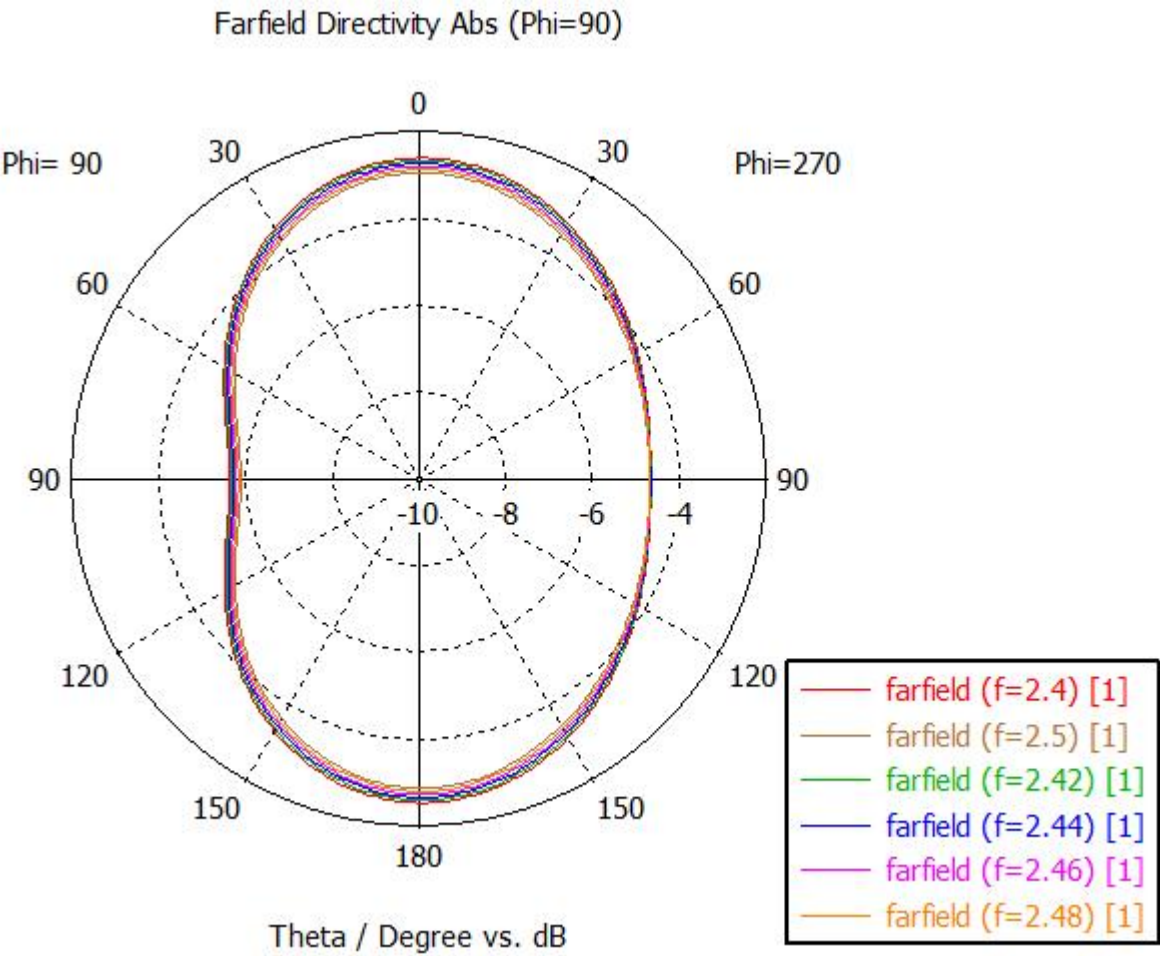
Summary

ITEM	ANT SPEC					
Model Name	2.4G ANT					
Center Frequency	Horizontal			Vertical		
	2400MHz	2400MHz	2500MHz	2400MHz	2400MHz	2500MHz
	-1.26	-0.76	-0.58	-5.25	-2.46	-1.86
MAX. Gain	-0.58dBi					
Polarization	Horizontal and Vertical					
Azimuth Beam Pattern	Omni-directional					
Impedance	50 Ohm					
Antenna Length	38.20mm					
Manufacture	ZHUHAI JIELI TECHNOLOGY CO.,LTD					

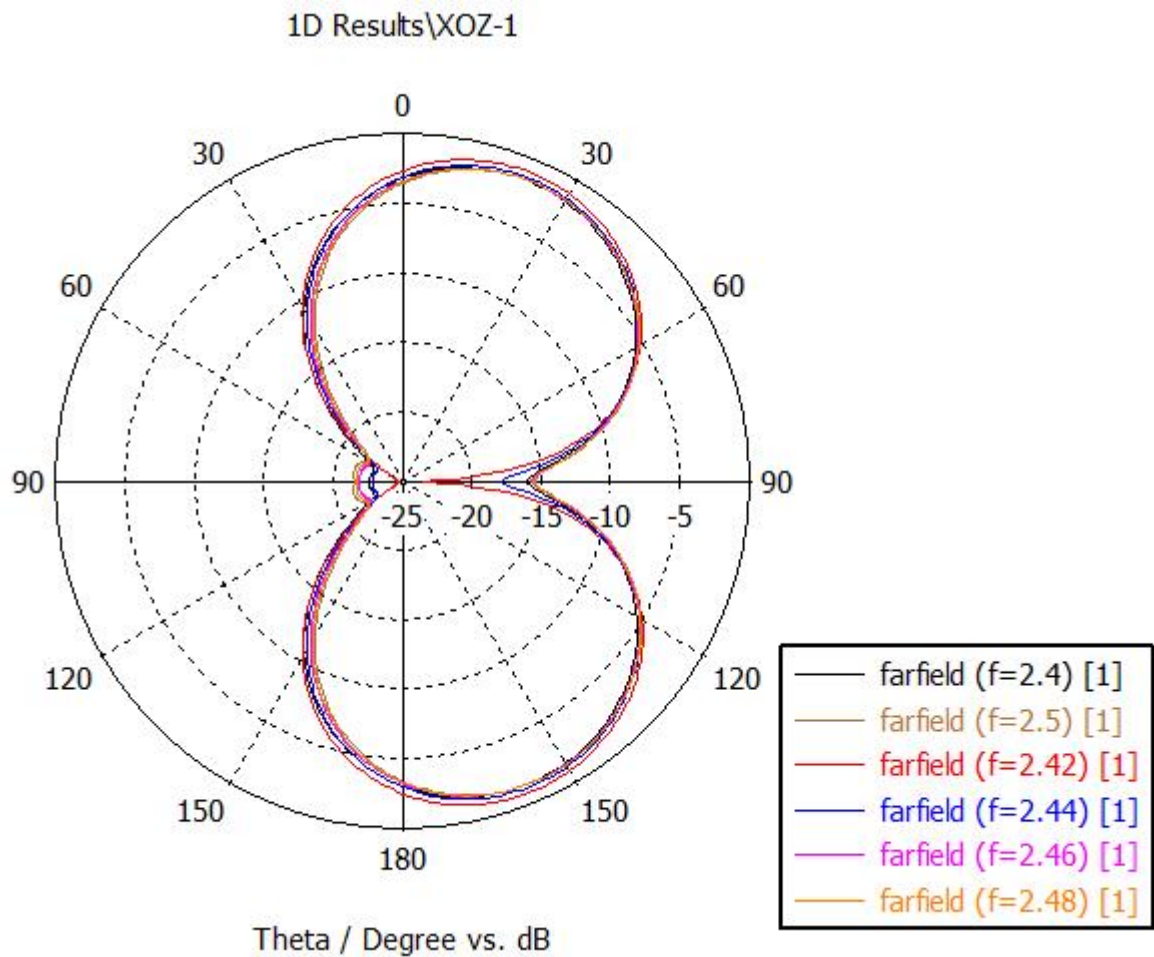


The 1D cross-sectional radiation pattern of a serpentine antenna

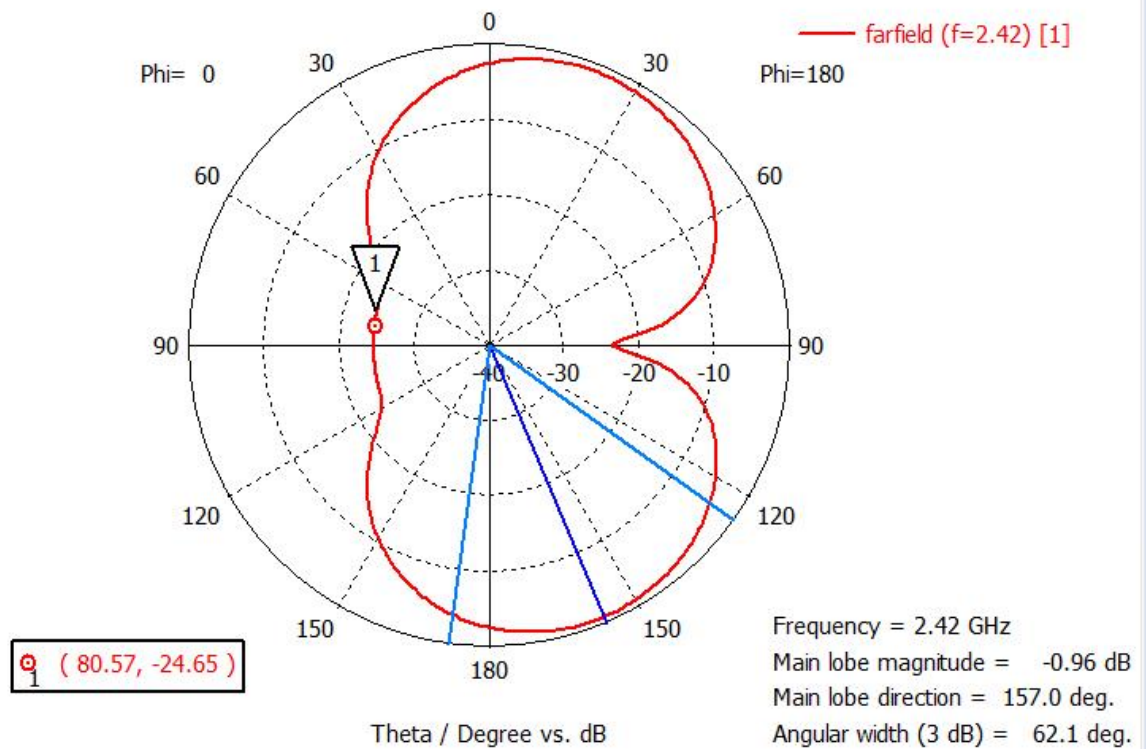
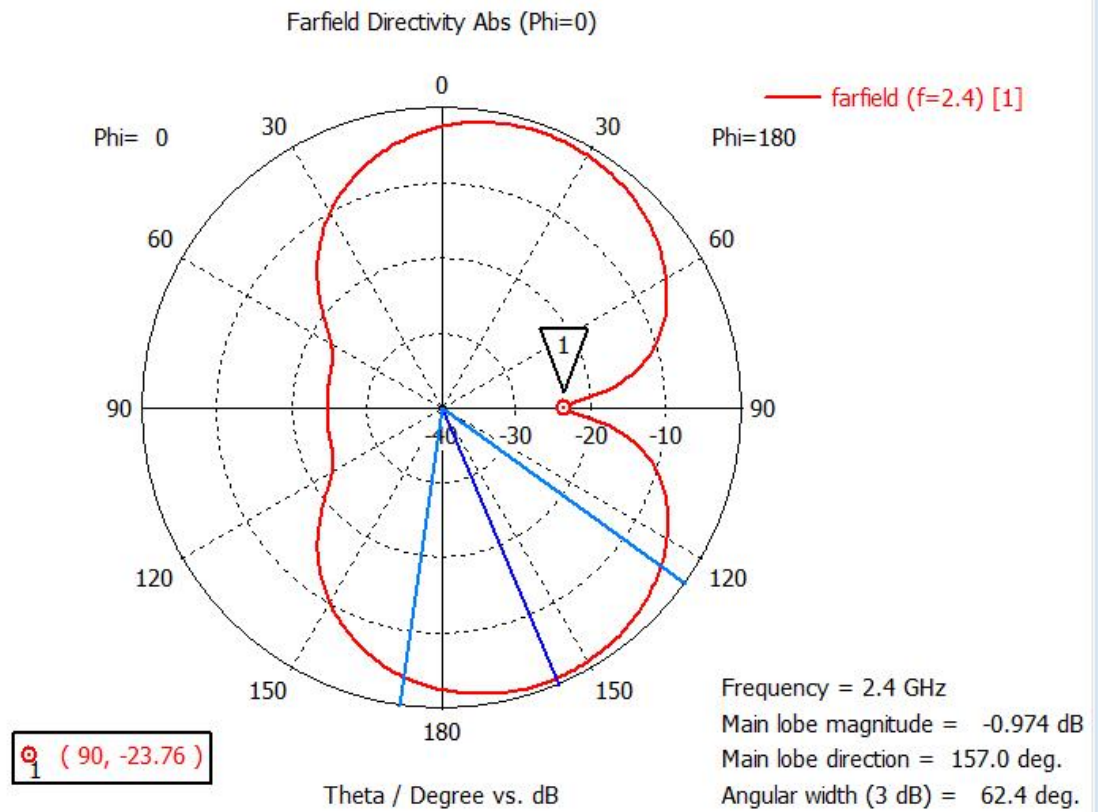
The figure below shows the energy radiation cross-sectional diagram in the YOZ plane, where different colors represent distinct frequencies. The frequency corresponding to each color can be determined based on the description in the lower-right corner of the graph. For example, the first row labeled "Red F=2.4" indicates a frequency of 2.4 GHz. The energy radiation pattern can be referenced to the circular diagram for reference.

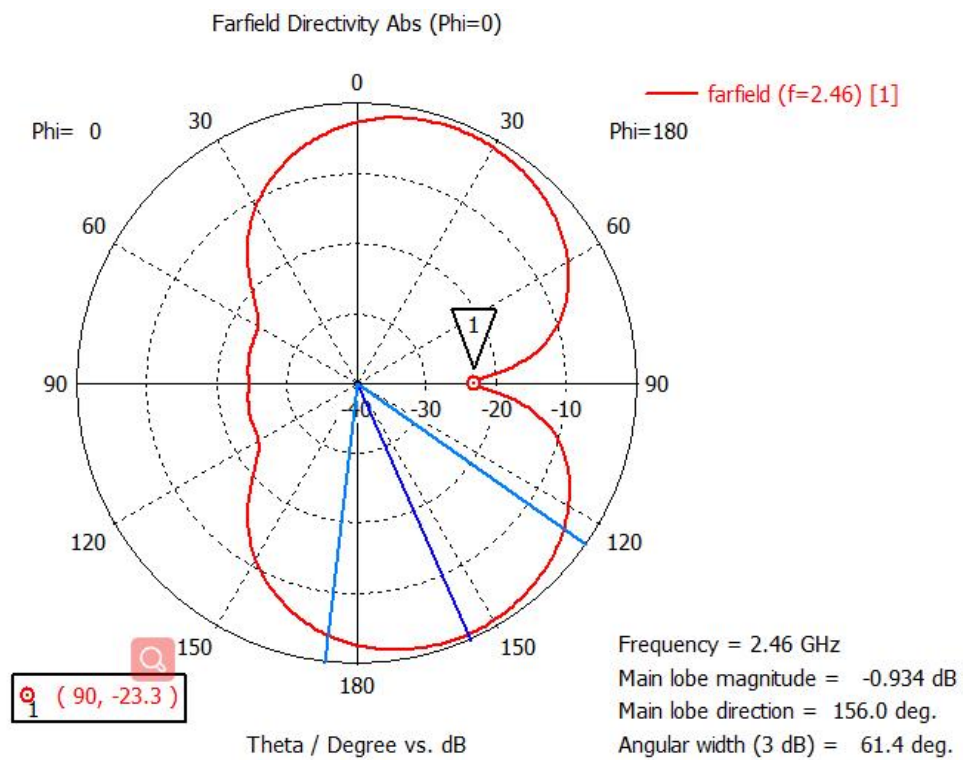
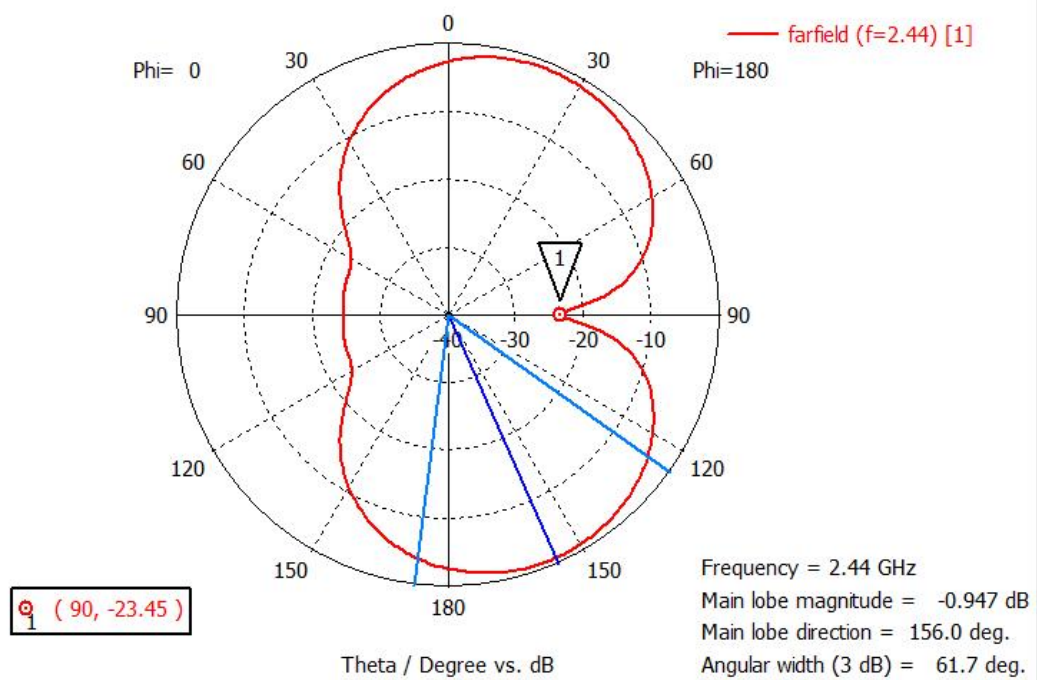


The figure below illustrates the energy radiation cross-sectional diagram in the XOZ plane, where different colors correspond to distinct frequencies. The frequency represented by each color can be identified via the description in the lower-right corner of the graph. For instance, the first row labeled "Red F=2.4" denotes a frequency of 2.4 GHz. The energy radiation pattern can be referenced to the circular diagram for reference.

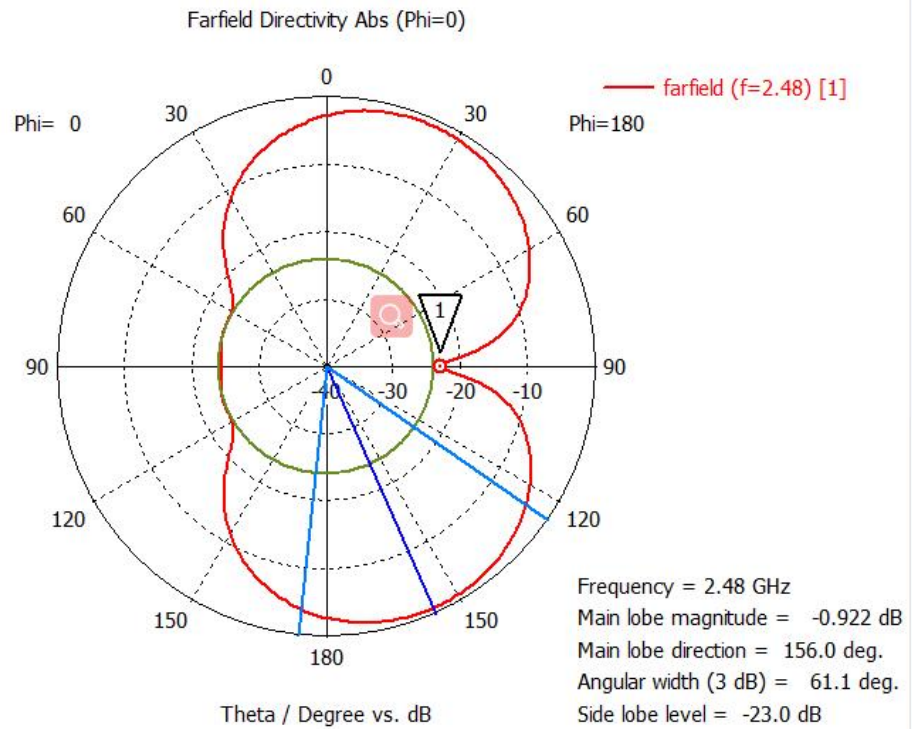


Gain Figures:





① (90, -23.15)



② (91, -22.54)

