

Antenna Specification

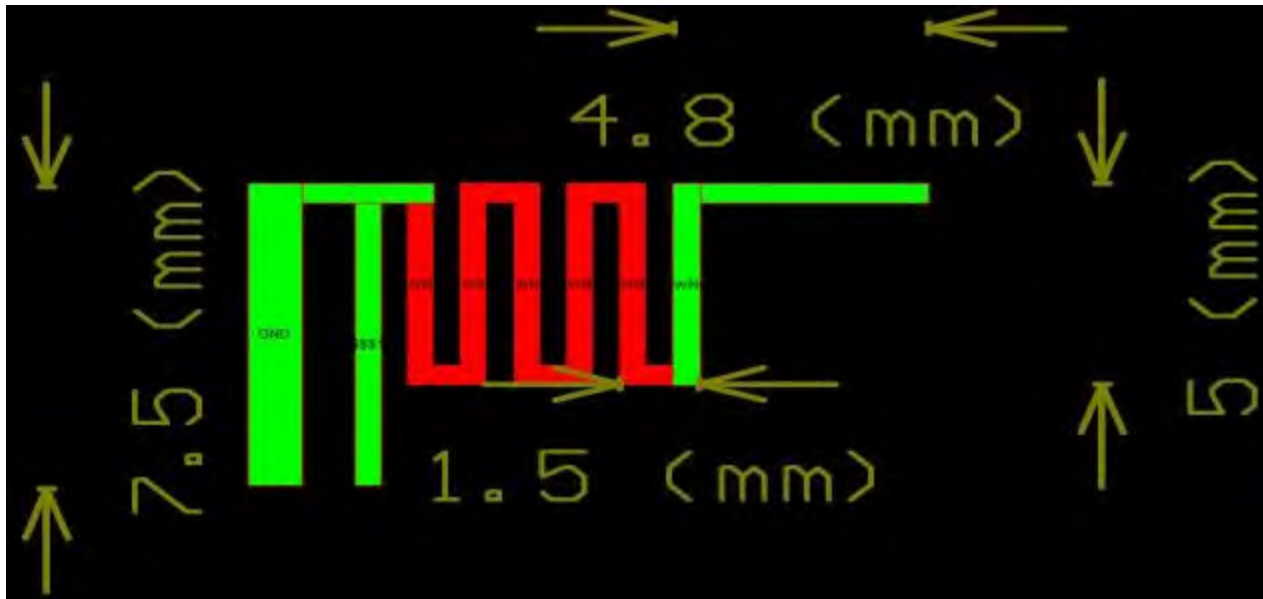
Manufacturer:

Dongguan new deep Chuang electronic technology Co., LTD
No. 4, Southwest 4th Street, Shijie Town, Dongguan City, Guangdong Province

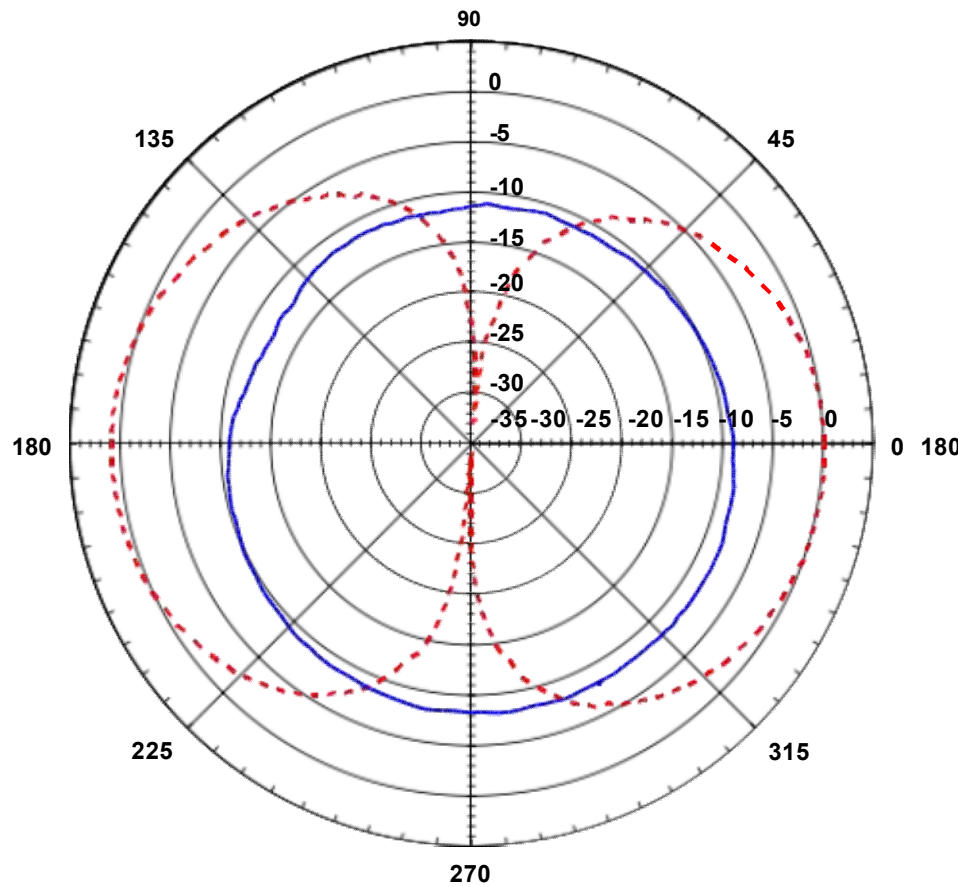
Specifications Summary

ITEM		SPEC.	
Model	Name	ISM 2.4 GHz	
Center Frequency		2.402GHz	3.85 dBi
		2.440GHz	3.18 dBi
		2.480GHz	2.80 dBi
MAX. GAIN		3.85 dBi	
Polarization		Horizontal	
Azimuth Beam Pattern		Omni- directional	
Impedance		50 Ω	
Antenna		Length	41 mm

Antenna Photo & Length



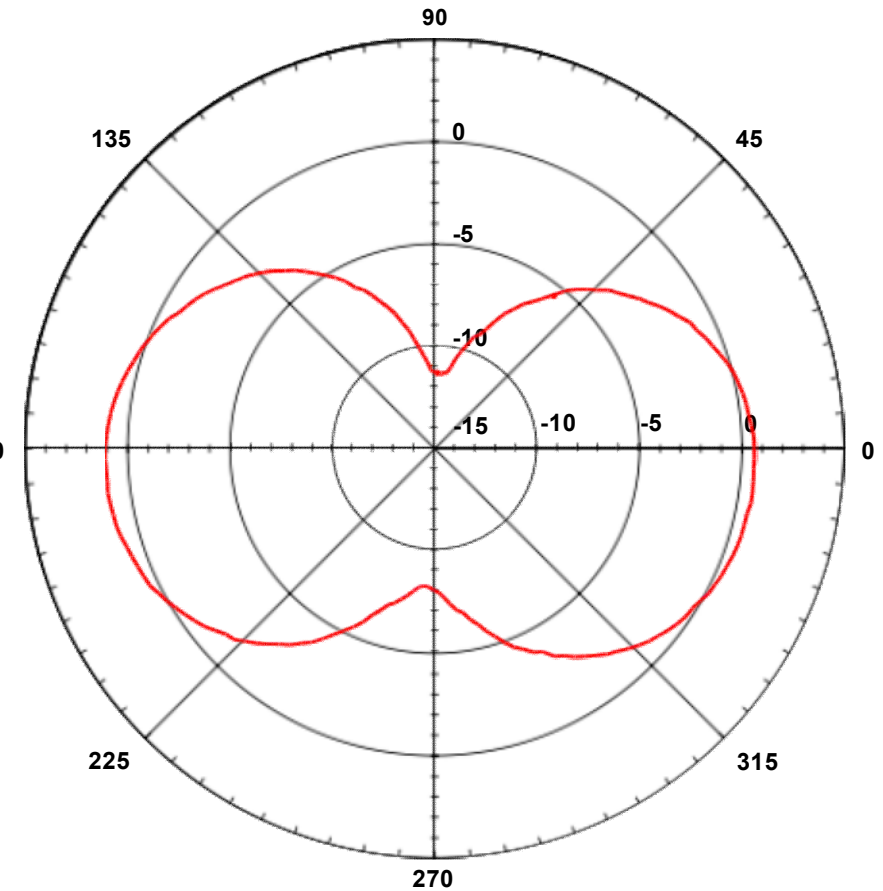
Radiation pattern: Antenna 1 . XZ Plane at $f = 2.402\text{GHz}$



Co-cross polarization field (dBi)

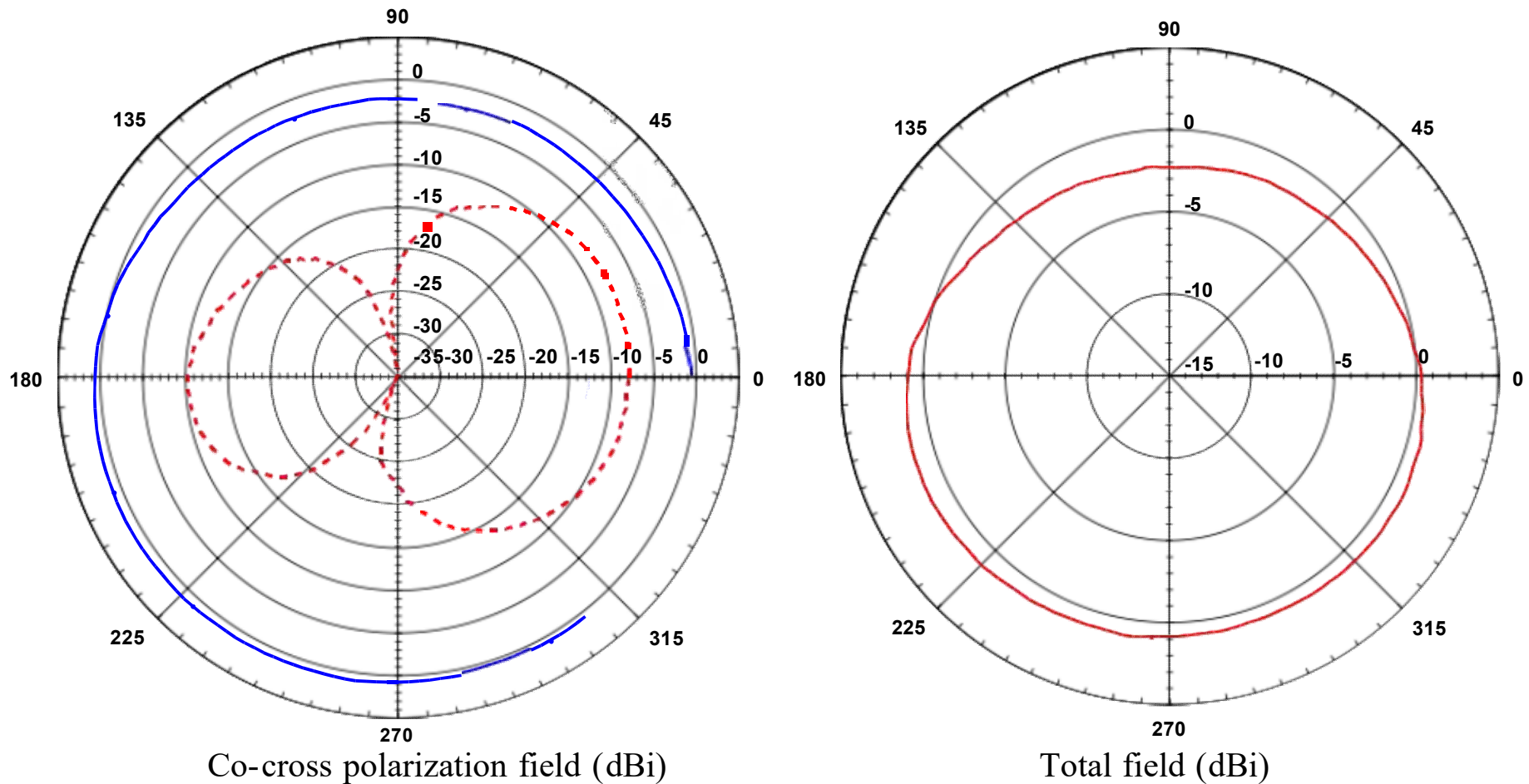
Solid line: vertical polarization

Dash line: horizontal polarization

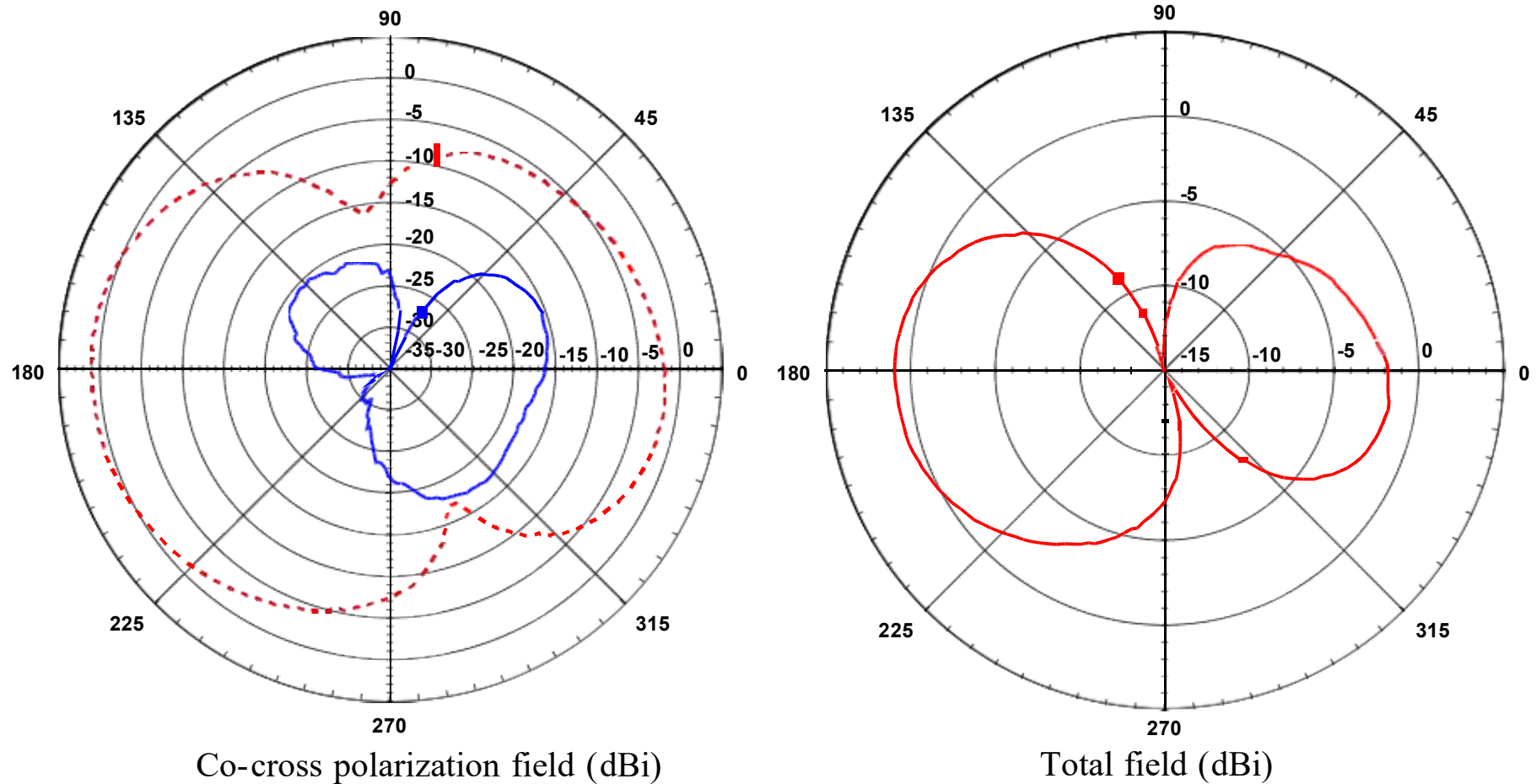


Total field (dBi)

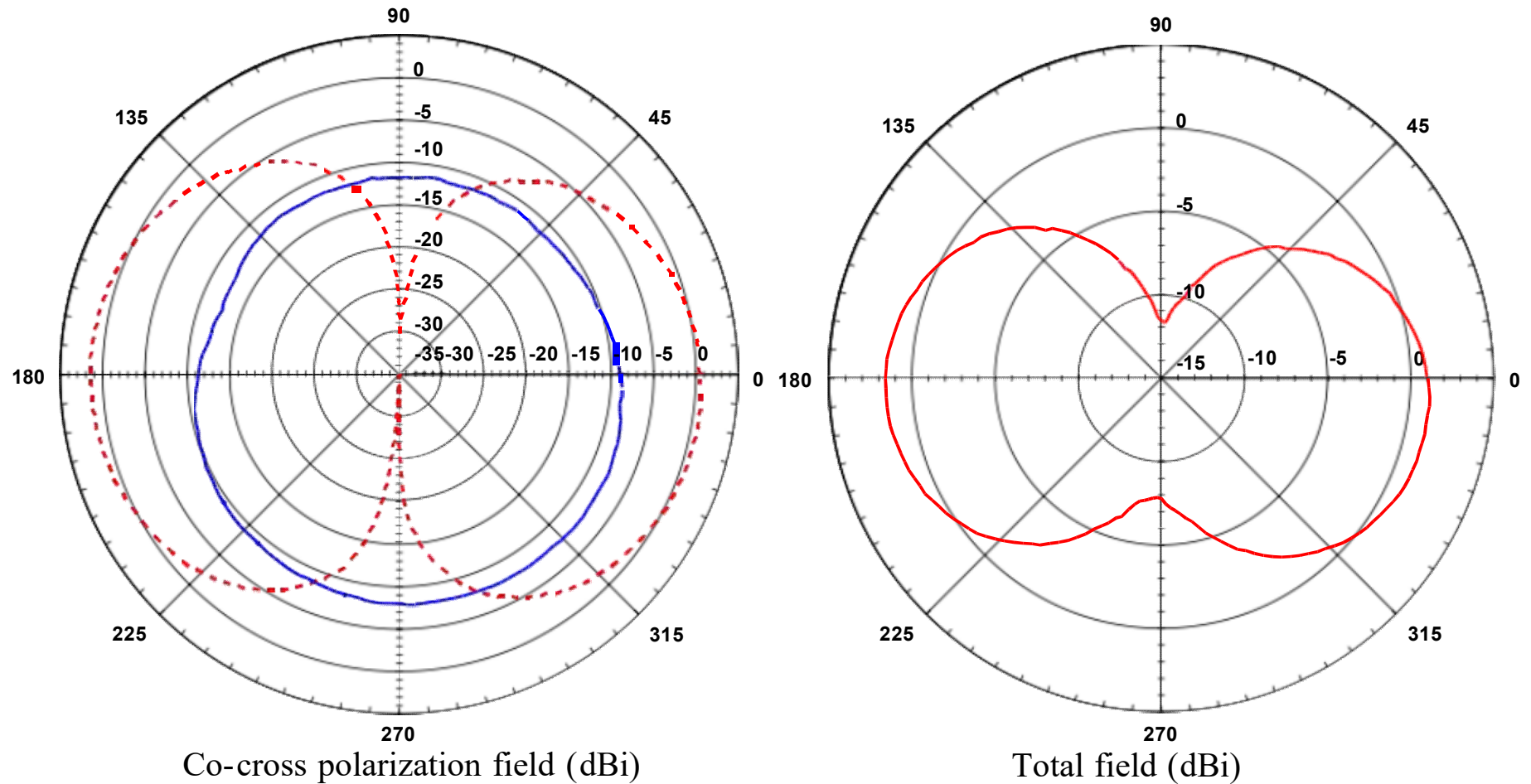
Radiation pattern: Antenna 1. YZ Plane at $f = 2.402\text{GHz}$



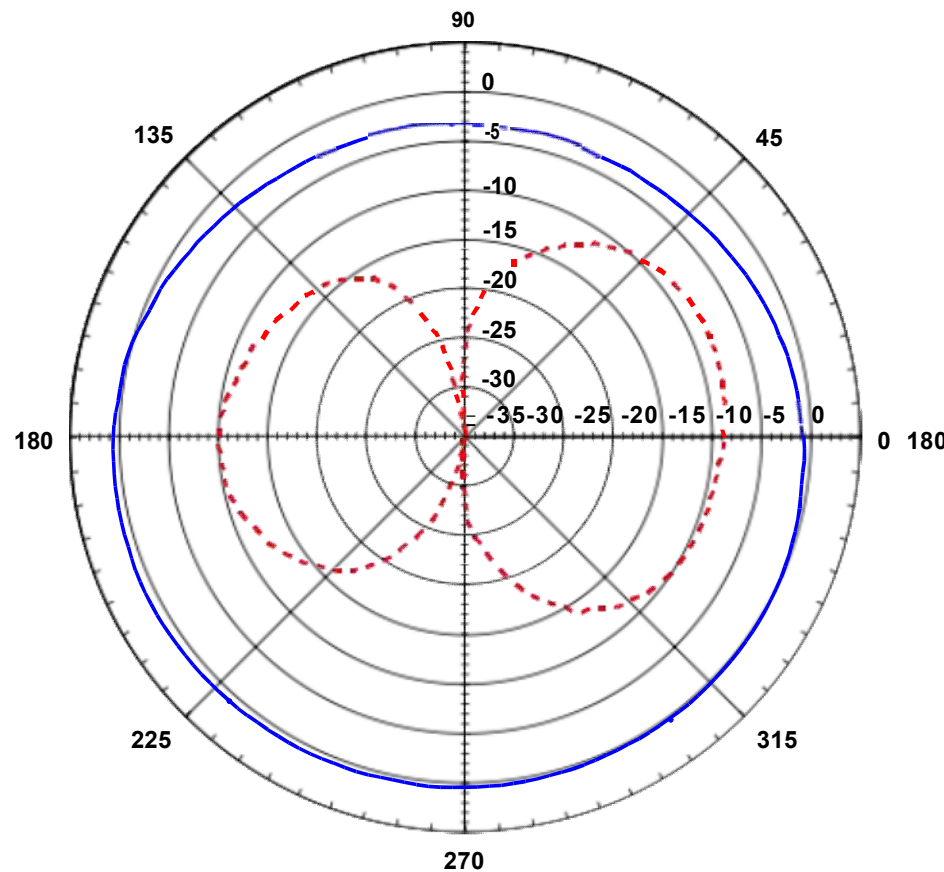
Radiation pattern: Antenna 1. XY Plane at $f = 2.402\text{GHz}$



Radiation pattern: Antenna 1. XZ Plane at $f = 2.440\text{GHz}$



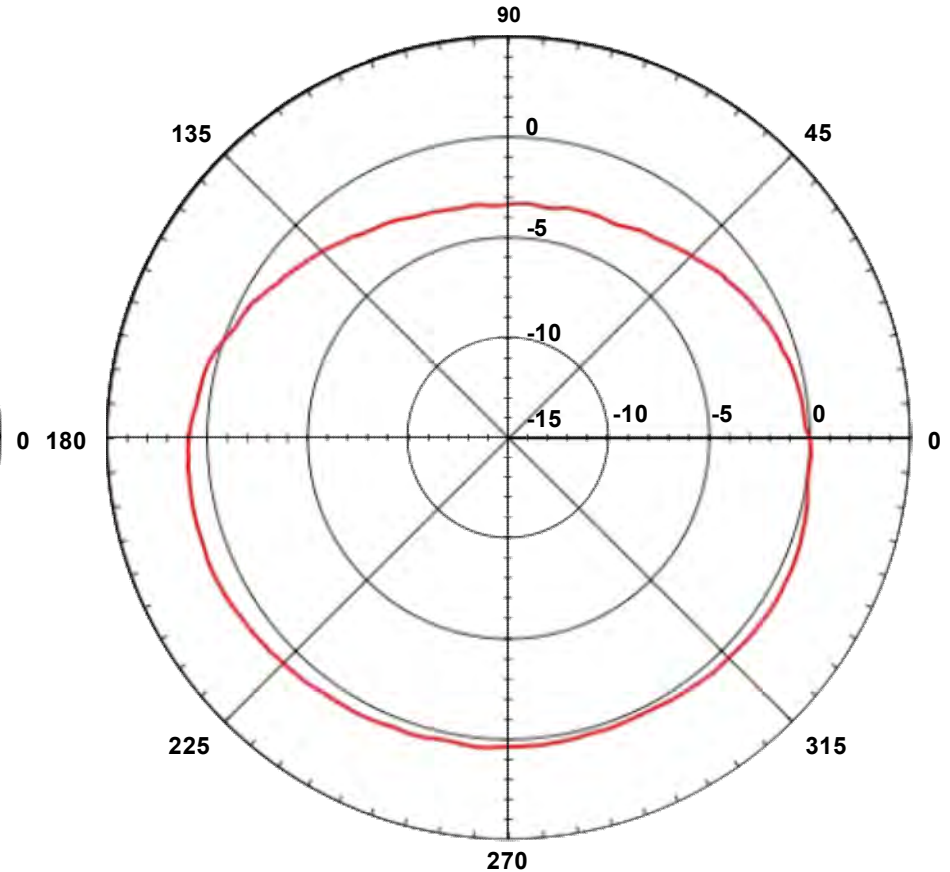
Radiation pattern: Antenna 1 . YZ Plane at $f = 2.440\text{GHz}$



Co-cross polarization field (dBi)

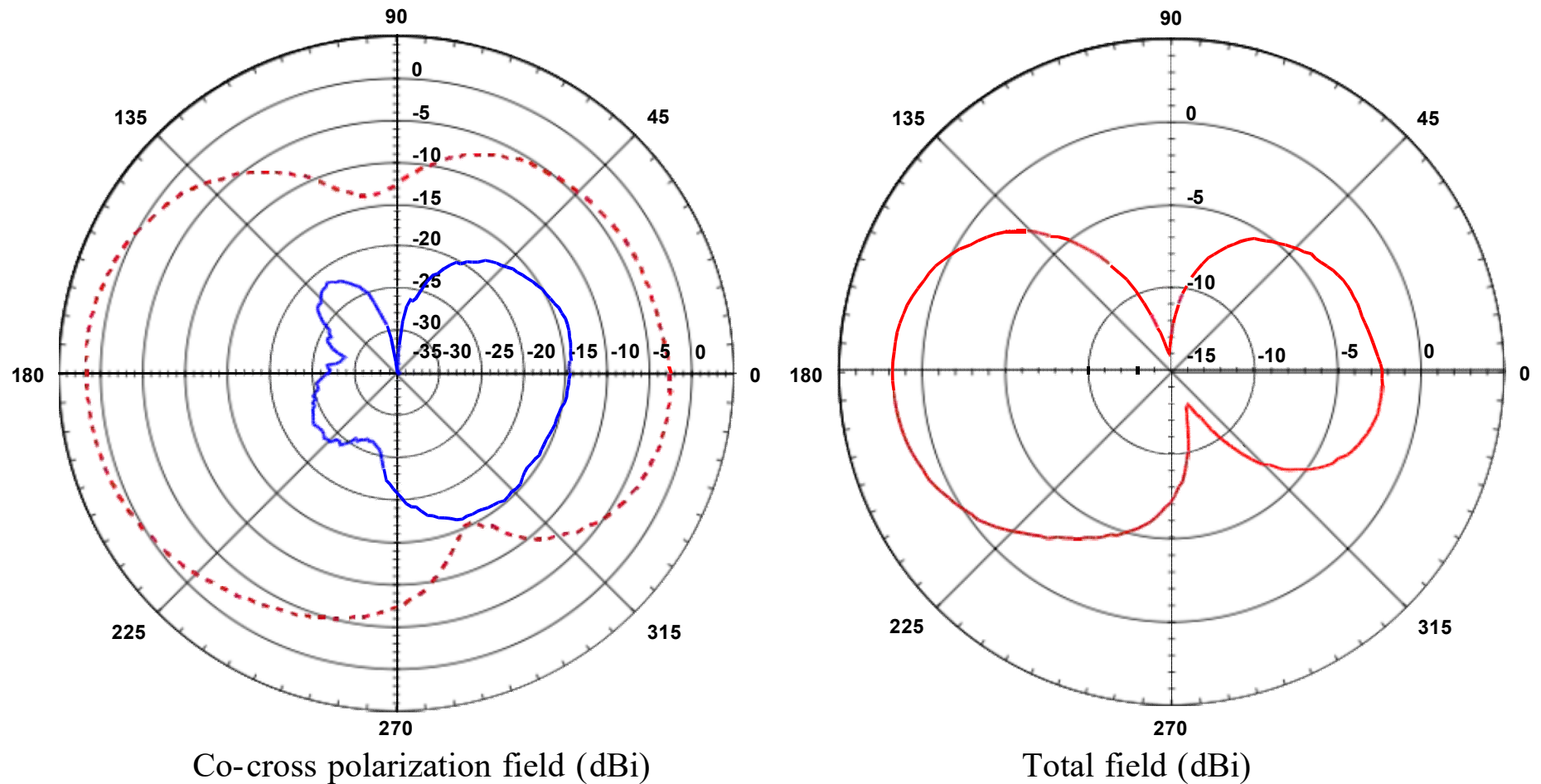
Solid line: vertical polarization

Dash line: horizontal polarization

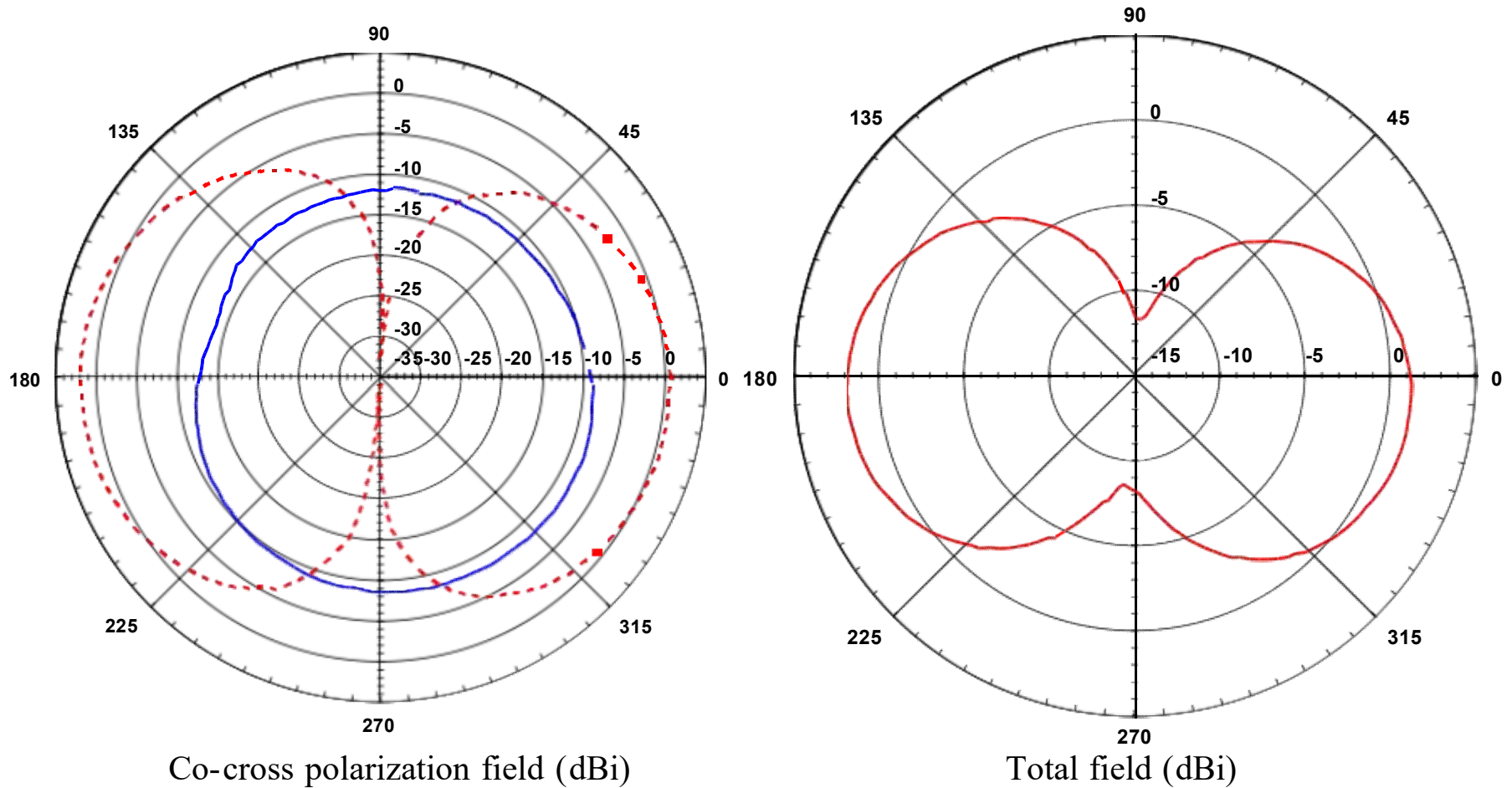


Total field (dBi)

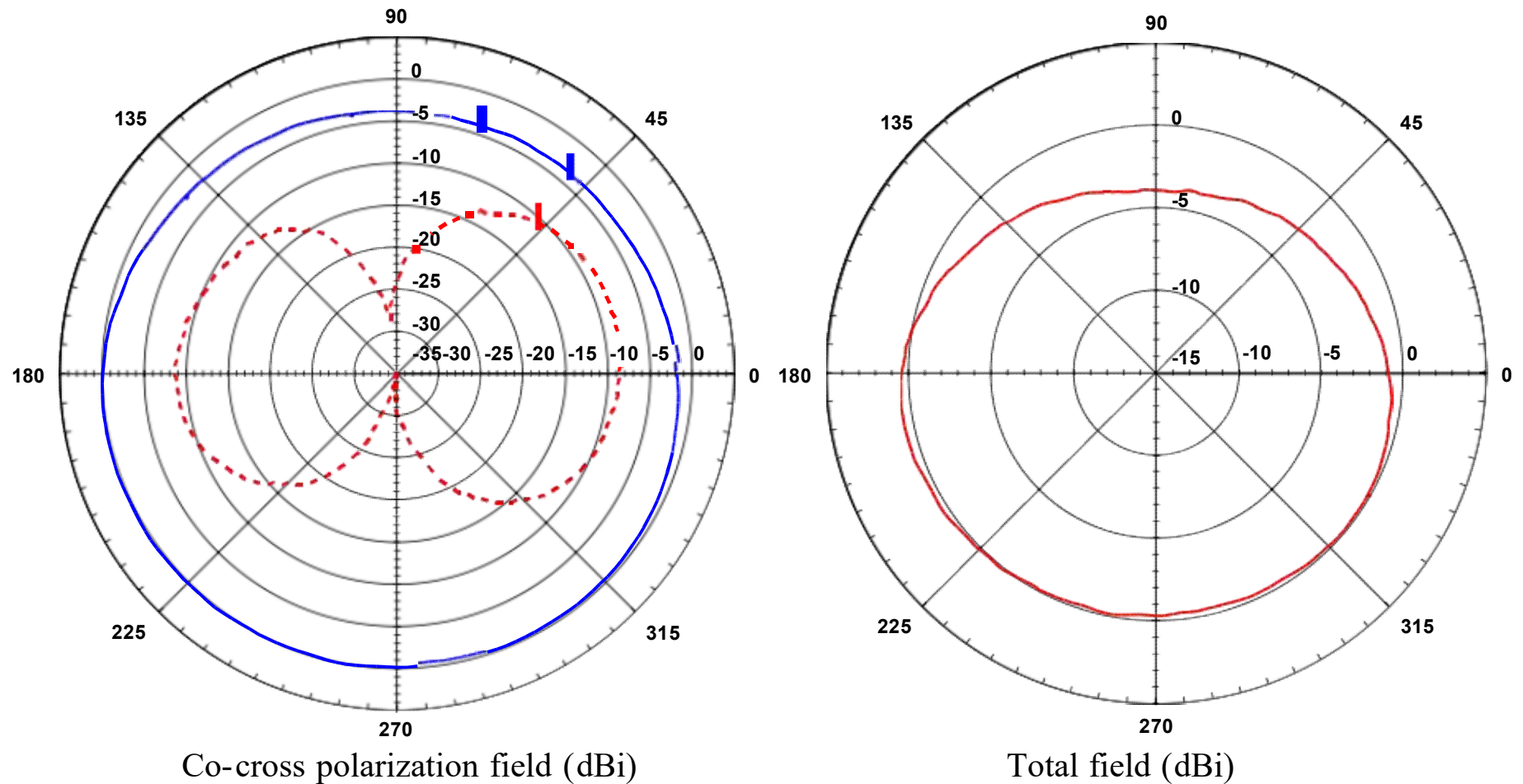
Radiation pattern: Antenna 1. XY Plane at $f = 2.440\text{GHz}$



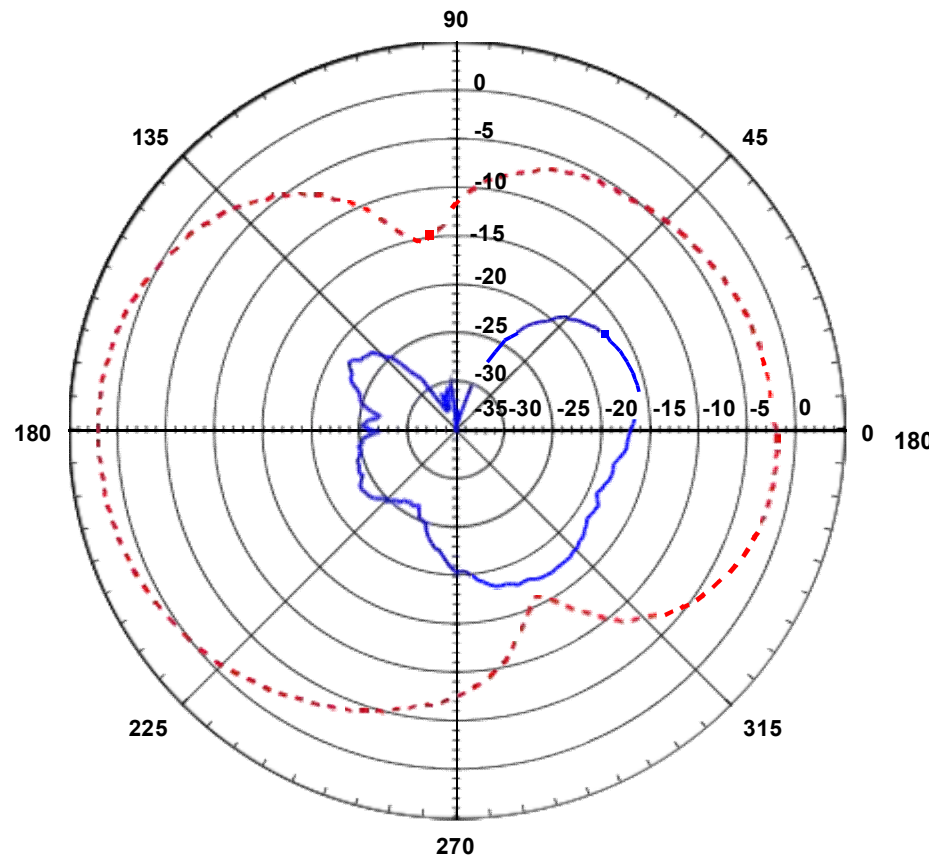
Radiation pattern: Antenna 1. XZ Plane at $f = 2.480\text{GHz}$



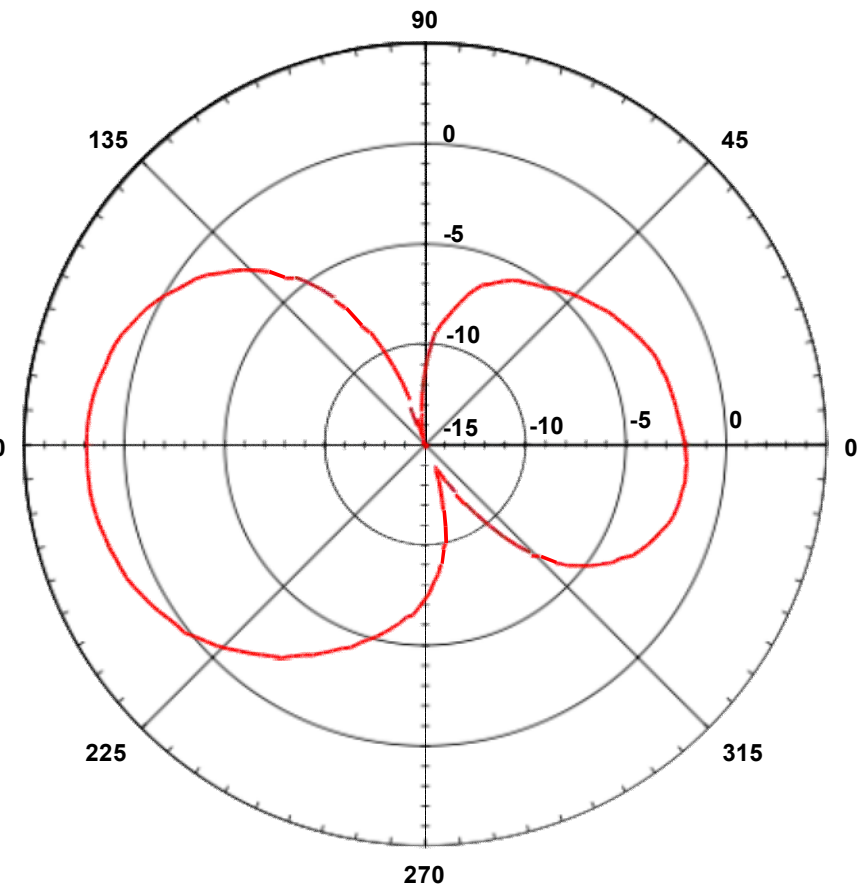
Radiation pattern: Antenna 1. YZ Plane at $f = 2.480\text{GHz}$



Radiation pattern: Antenna 1. XY Plane at $f = 2.480\text{GHz}$



Co-cross polarization field (dBi)



Total field (dBi)

Solid line: vertical polarization

Dash line: horizontal polarization