

7.10 $\lambda/8$ Antenna for RCoax Cable (5 GHz)

RCoax N-Connect Female ANT 793-4MN (antenna 5 GHz, $\lambda/8$)

Mechanical Properties	
Dimensions (length x diameter)	78.7 x 30 mm
Length of securing thread	31 mm
Outer material	Polycarbonate, silicone-free
Connector	N connector, female

Electrical Properties	
Frequency range	5.15 ~ 5.85 GHz
Impedance	50 Ω
VSWR	≤ 2
Antenna gain at 5.2 GHz	6 dBi
Antenna gain at 5.7 GHz	5 dBi
Polarization	Vertical ($\lambda/8$ characteristic)

Permitted Ambient Conditions	
Degree of protection	IP 65
Operating temperature	- 20° C through + 60° C

Horizontal Antenna Diagram at 5.2 GHz in dB

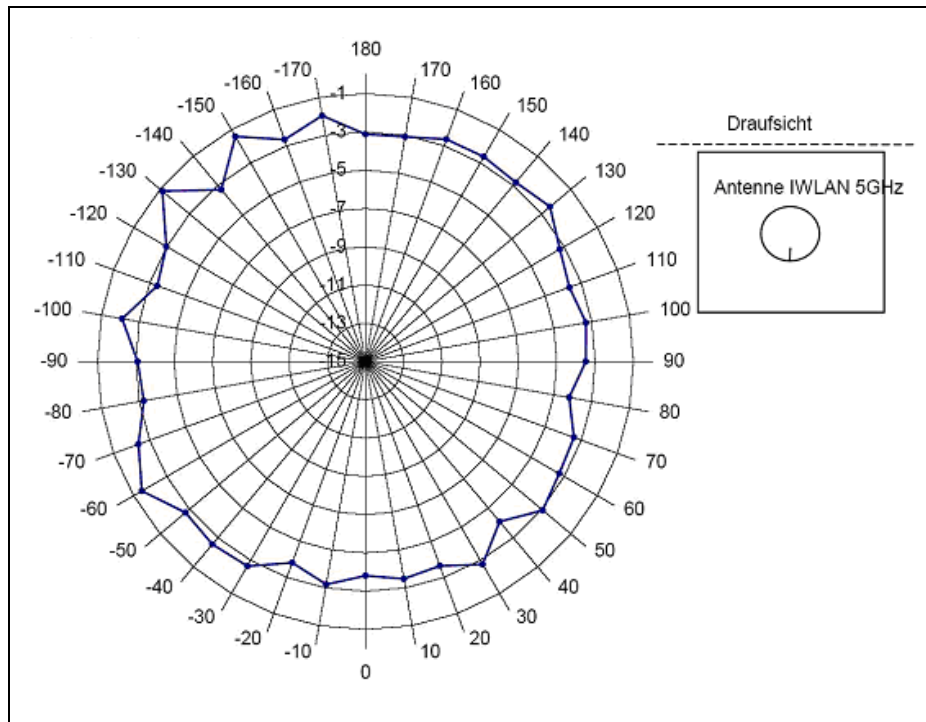


Figure 7-4 Horizontal Radiation Pattern ANT793-4MN

Vertical Antenna Diagram for Different Azimuth Angles at 5.2 GHz in dB

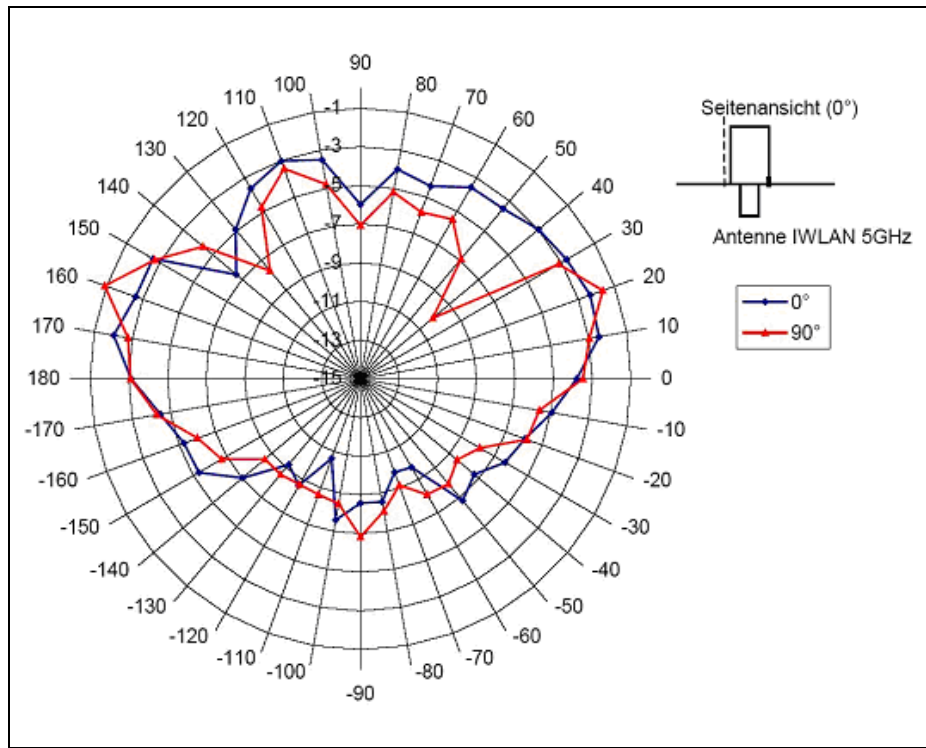


Figure 7-5 Vertical Radiation Pattern ANT793-4MN

Horizontal Antenna Diagram at 5.7 GHz in dB

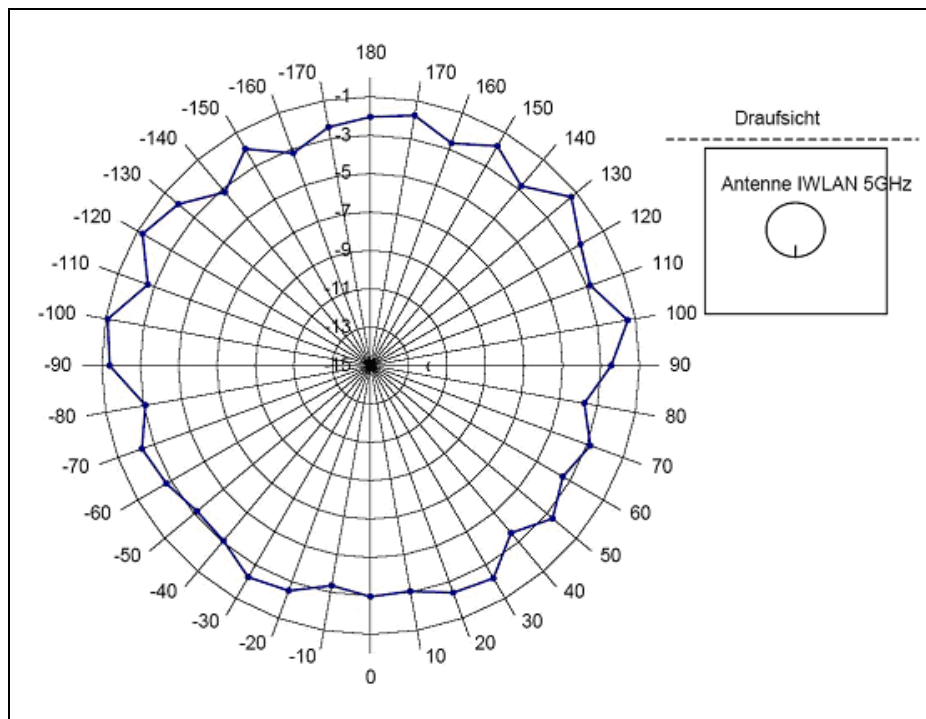


Figure 7-6 Horizontal Radiation Pattern ANT793-4MN at 5.7 GHz

Vertical Antenna Diagram for Different Azimuth Angles at 5.7 GHz in dB

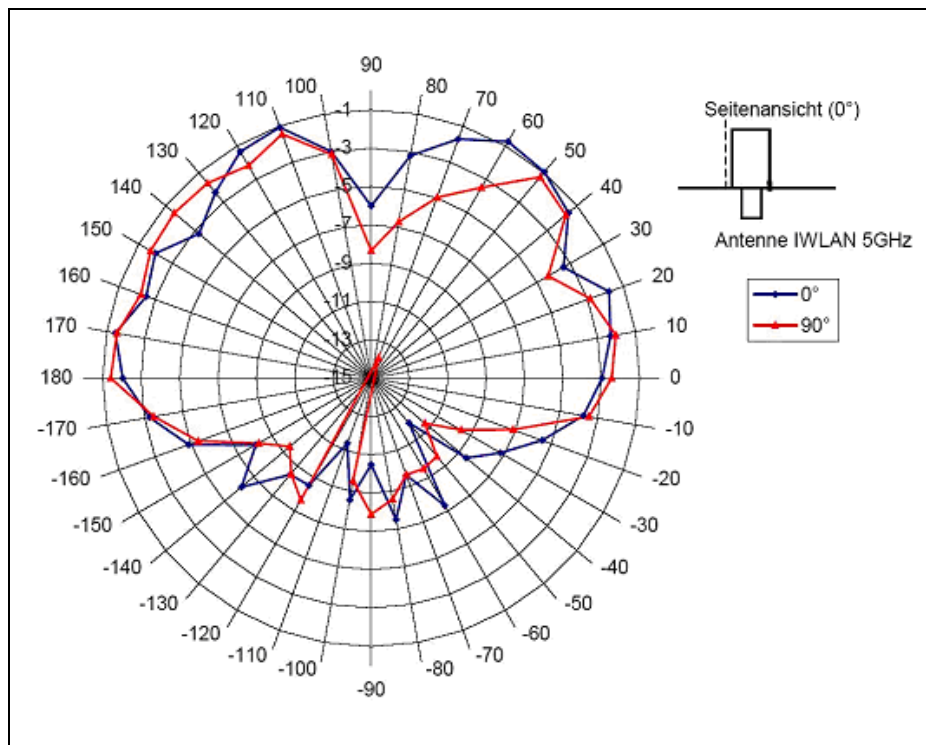


Figure 7-7 Vertical Radiation Pattern ANT793-4MN at 5.7 GHz