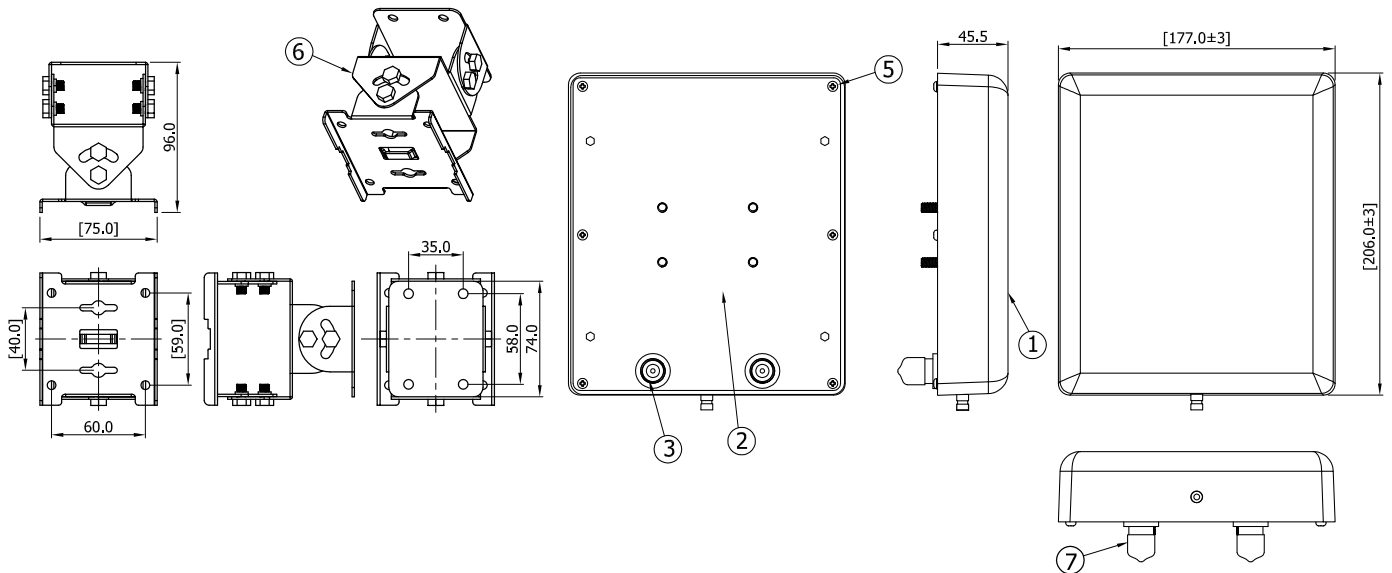
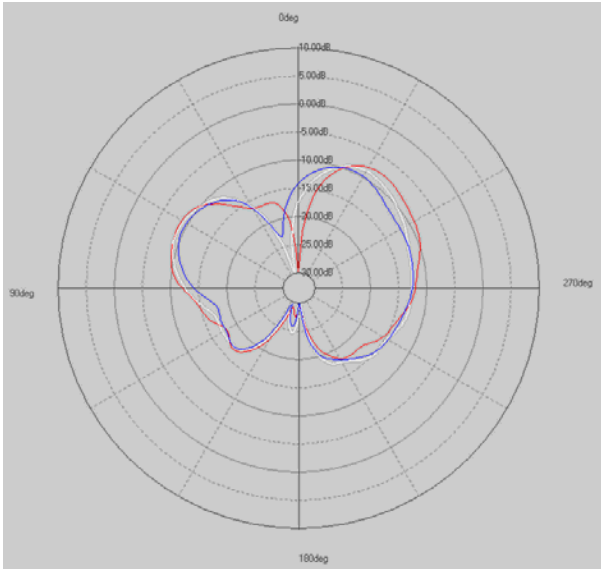


Specification	
Electrical	
Test Environment	With Housing
Frequency Range	2400~2500MHz / 4900~5900MHz
VSWR	<2 (max)
Input Impedance	50 ohm
Isolation	<-20dB
Polarization	Vertical / Vertical
Gain(Peak gain)	2.4G _7dBi
	5G_8dBi
Efficiency	>50%
Half Power Beam Width (HPBW)	2.4G
	50±10 deg @ Vertical Cut
	90±10 deg @ Horizontal Cut
	5G
	30±10 deg @ Vertical Cut
	120±10 deg @ Horizontal Cut

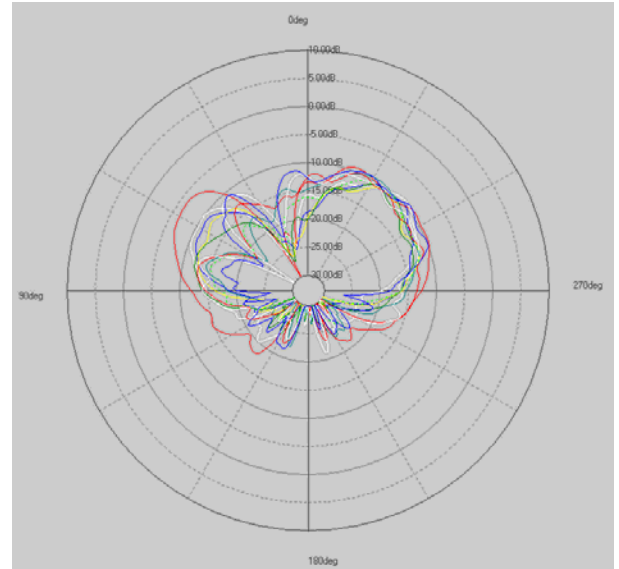


3.3 2D Patterns (Port 1)

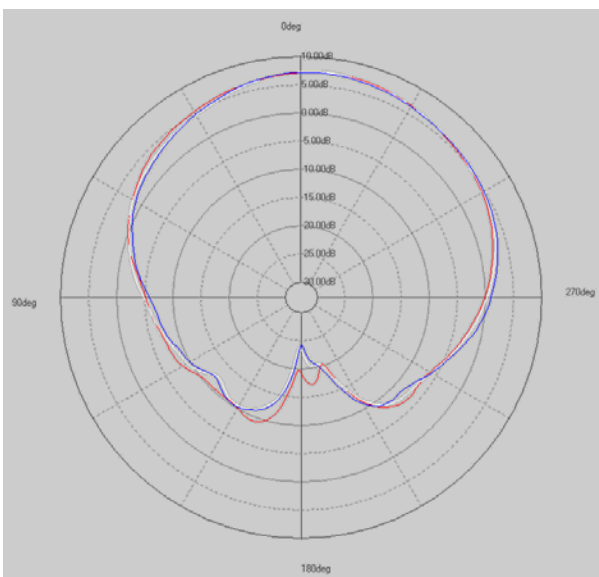
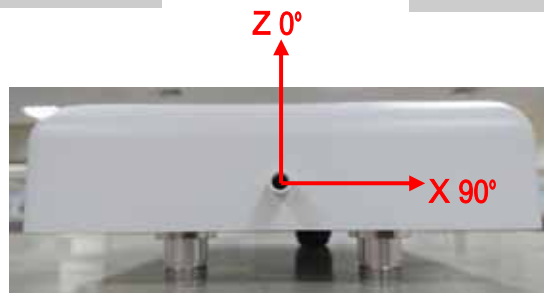
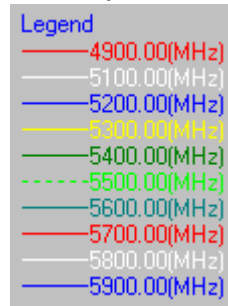
X-Z Plane



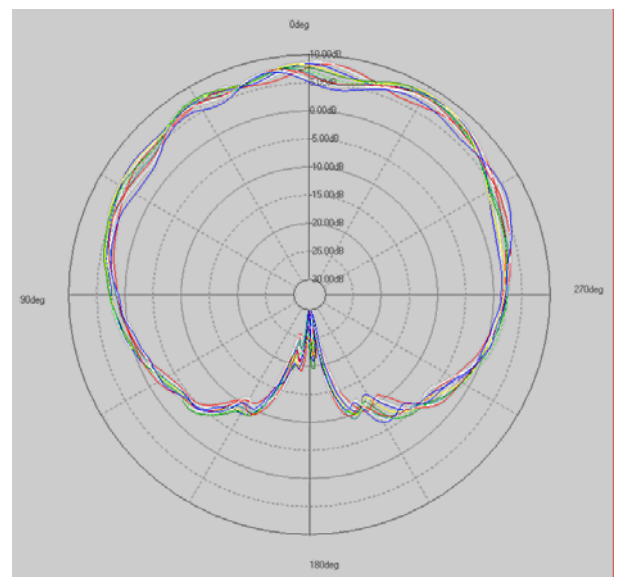
Cross pattern



Cross pattern

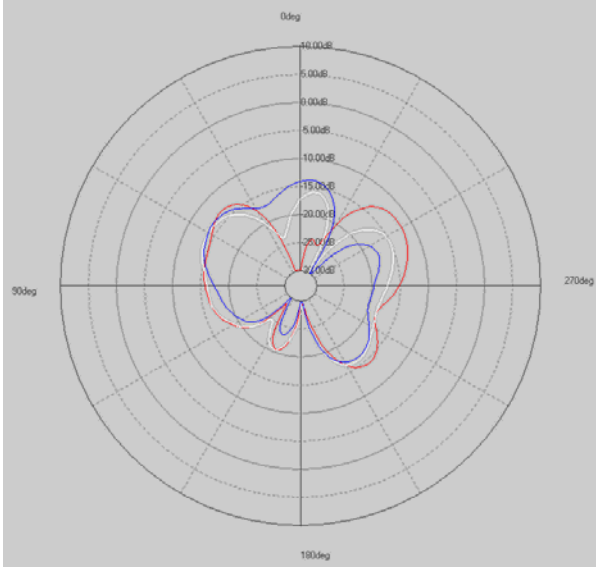


Co pattern

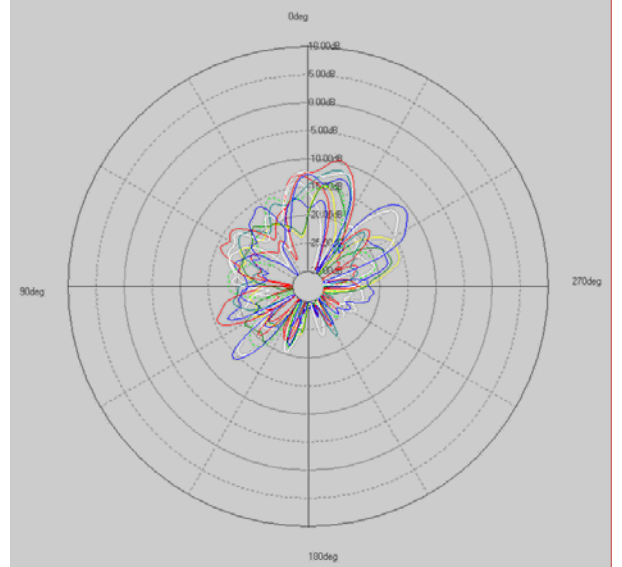
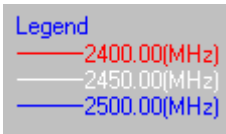


Co pattern

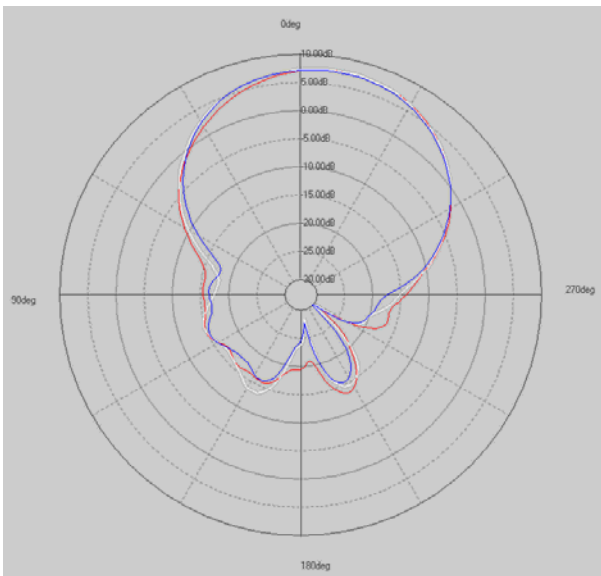
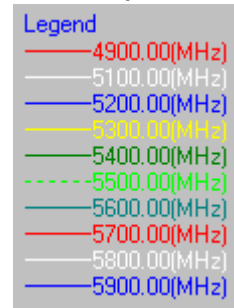
Y-Z Plane



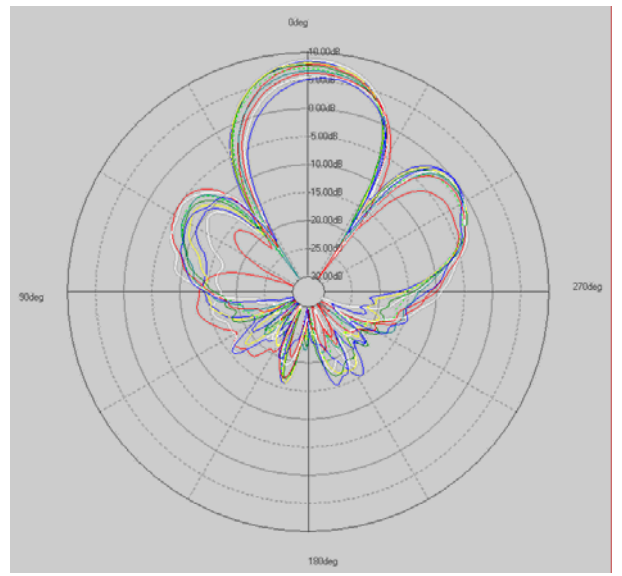
Cross pattern



Cross pattern

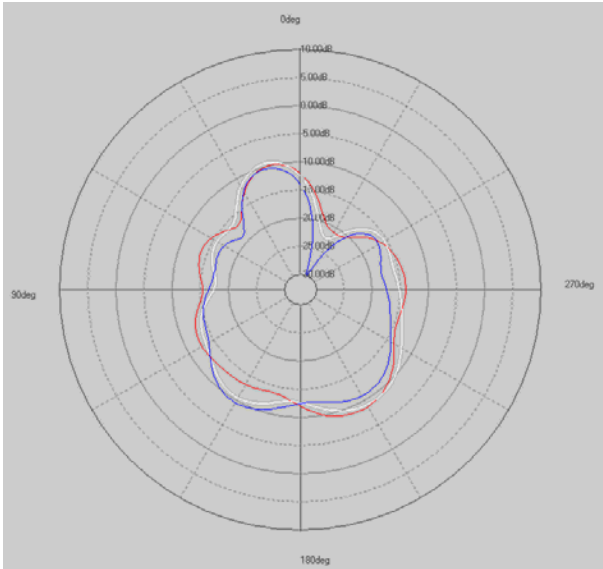


Co pattern

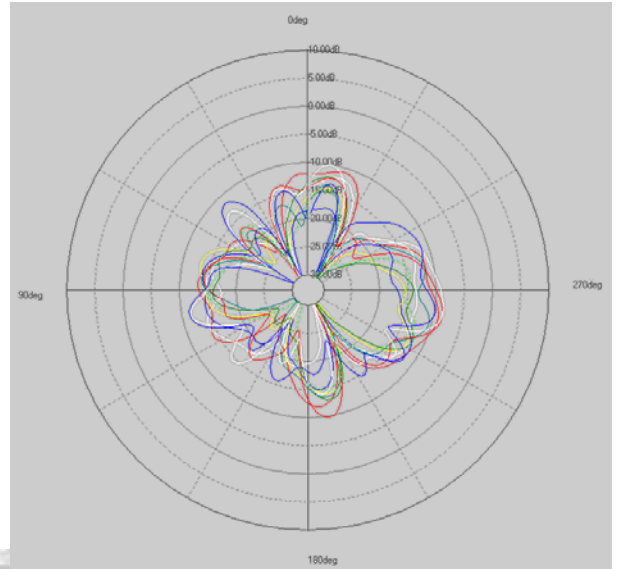


Co pattern

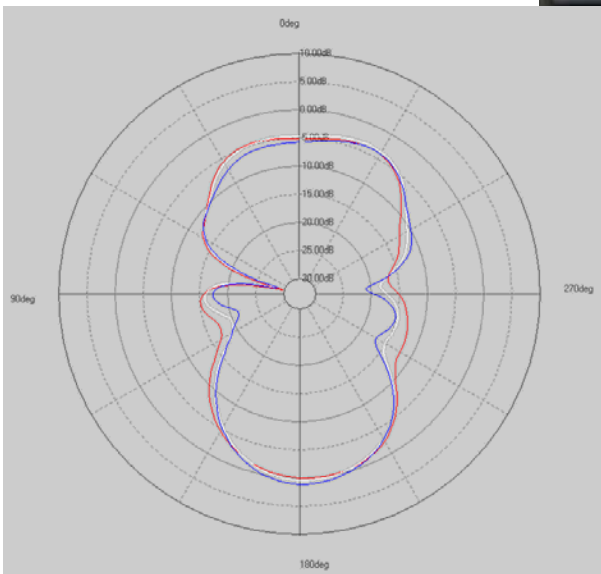
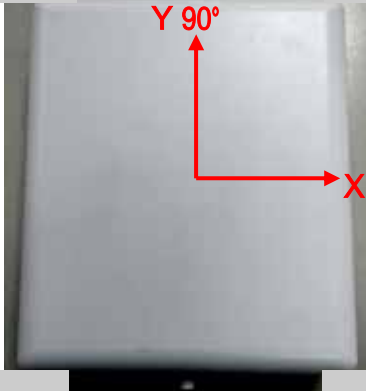
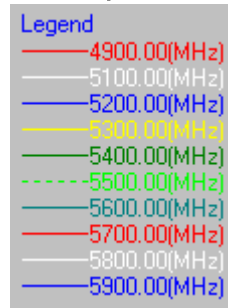
X-Y Plane



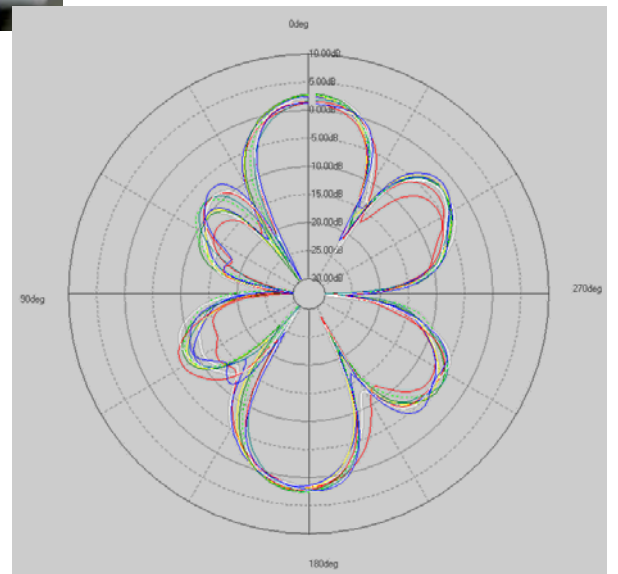
Cross pattern



Cross pattern



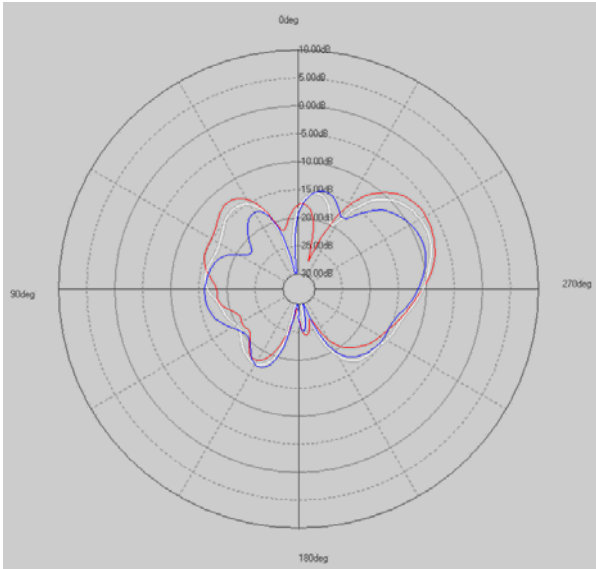
Co pattern



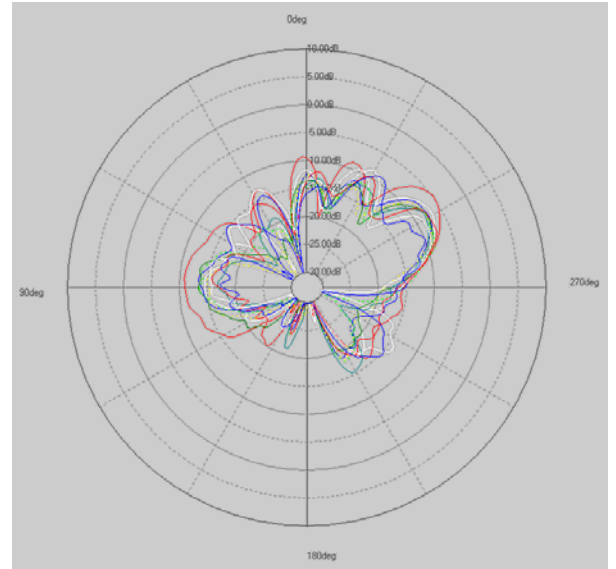
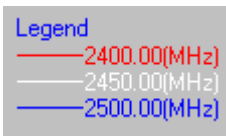
Co pattern

3.4 2D Patterns (Port 2)

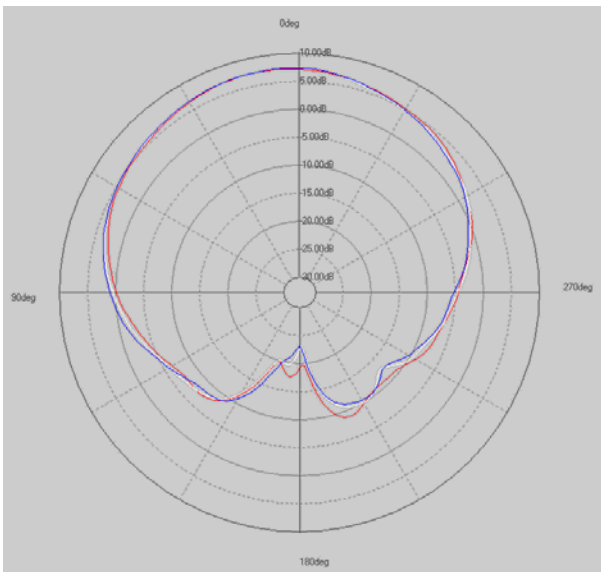
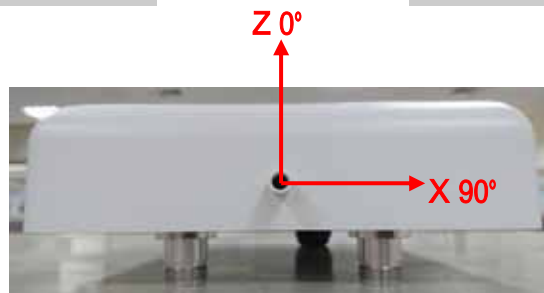
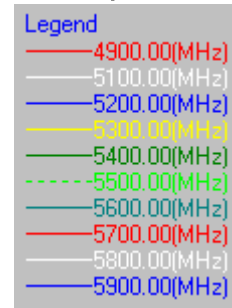
X-Z Plane



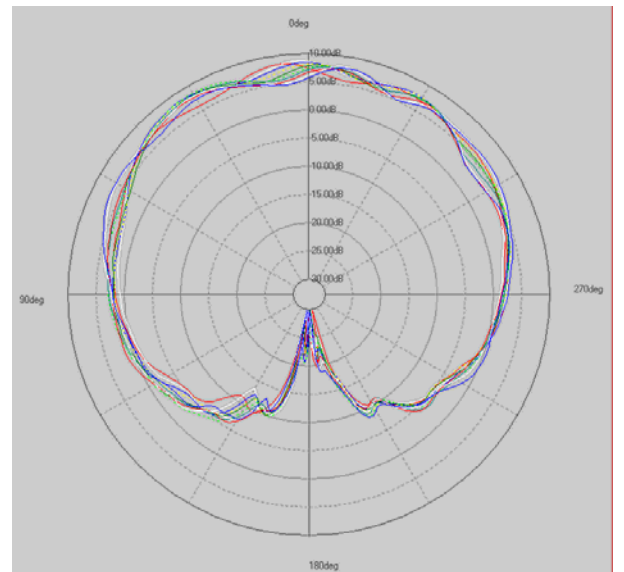
Cross pattern



Cross pattern

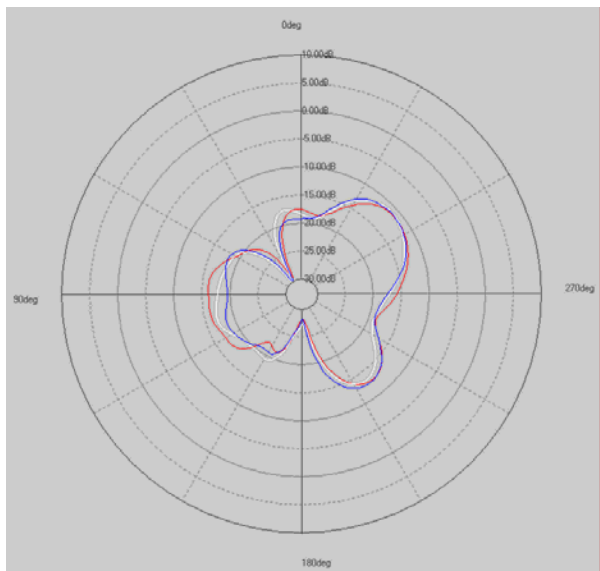


Co pattern

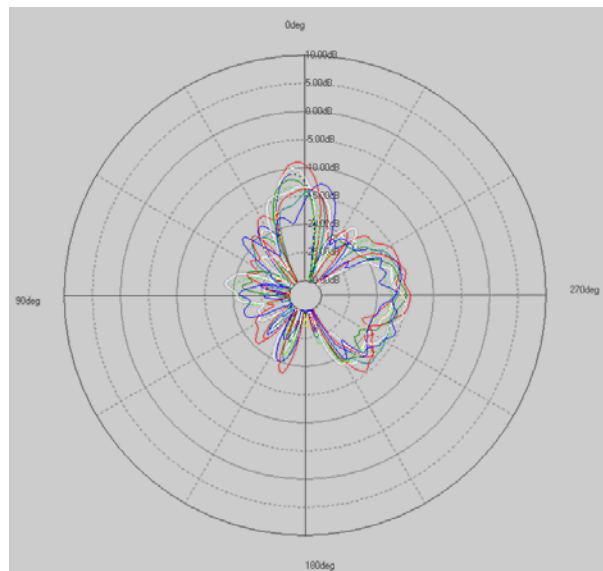


Co pattern

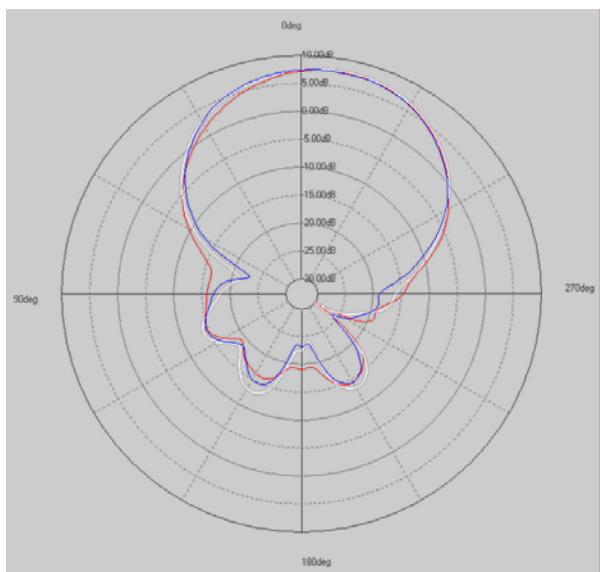
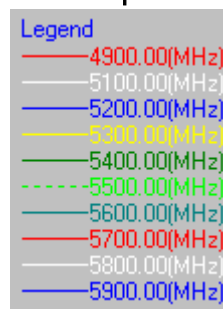
Y-Z Plane



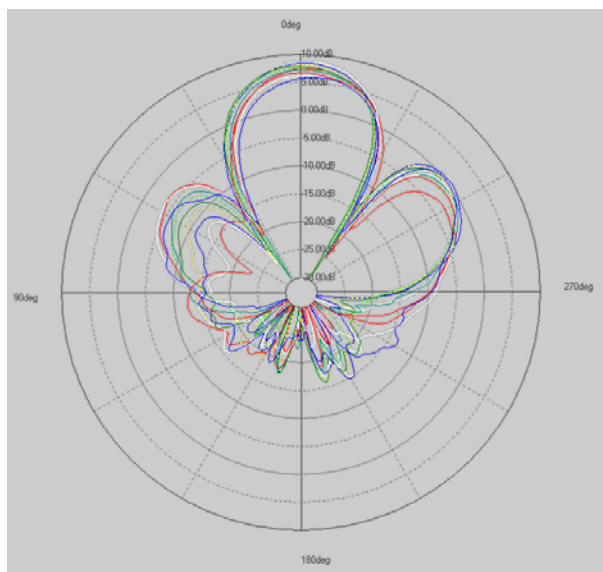
Cross pattern



Cross pattern

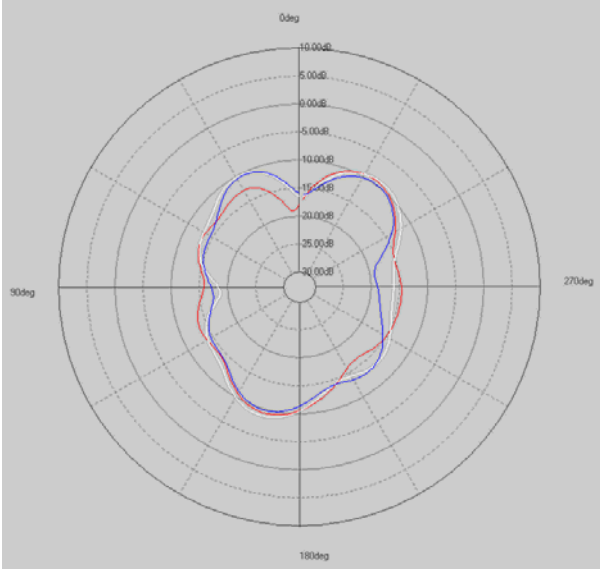


Co pattern

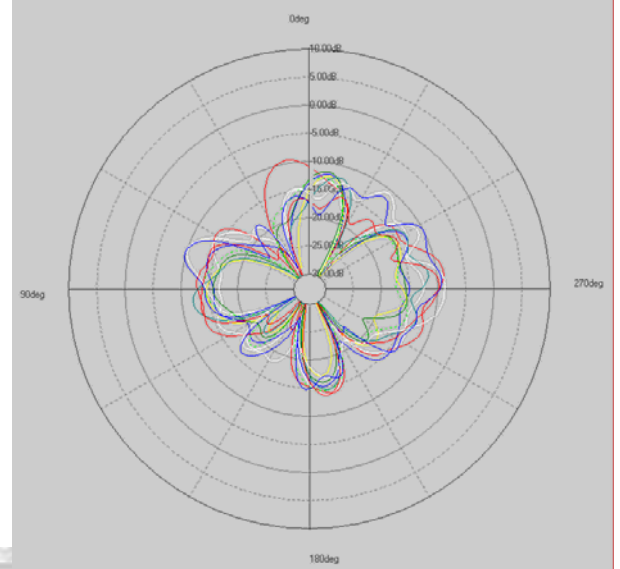


Co pattern

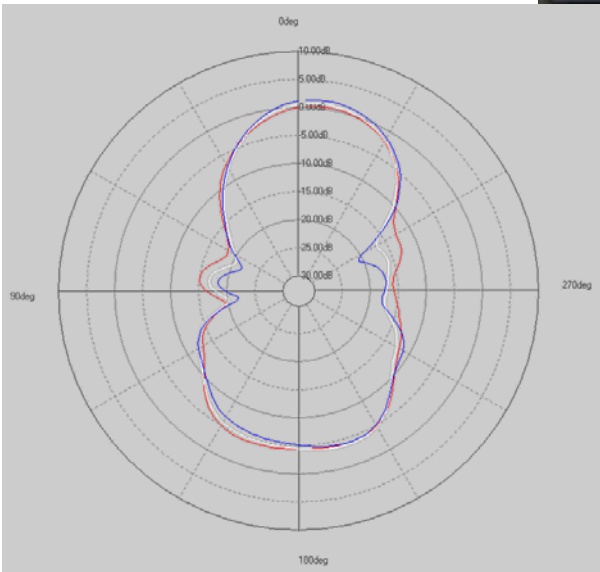
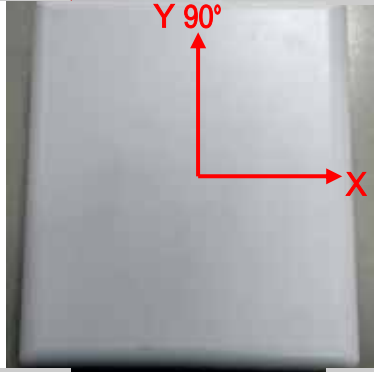
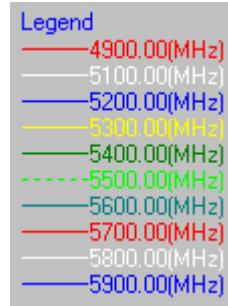
X-Y Plane



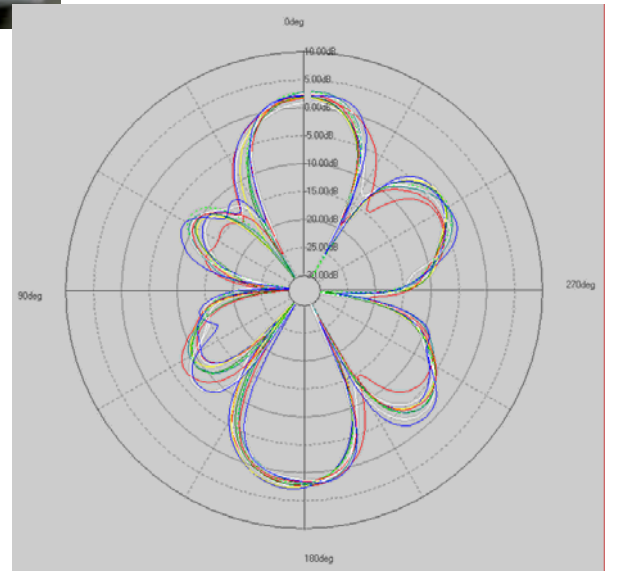
Cross pattern



Cross pattern



Co pattern



Co pattern