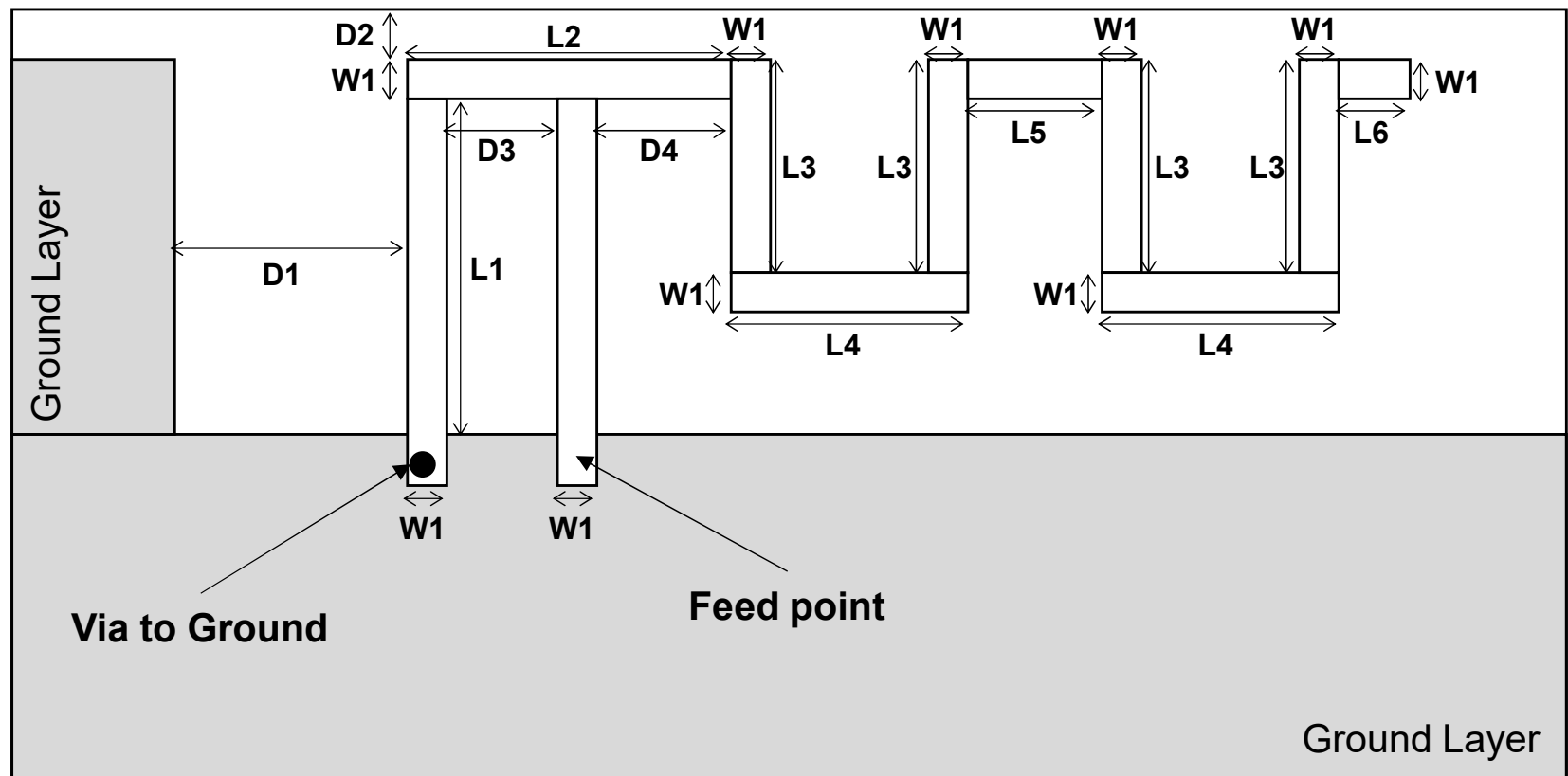


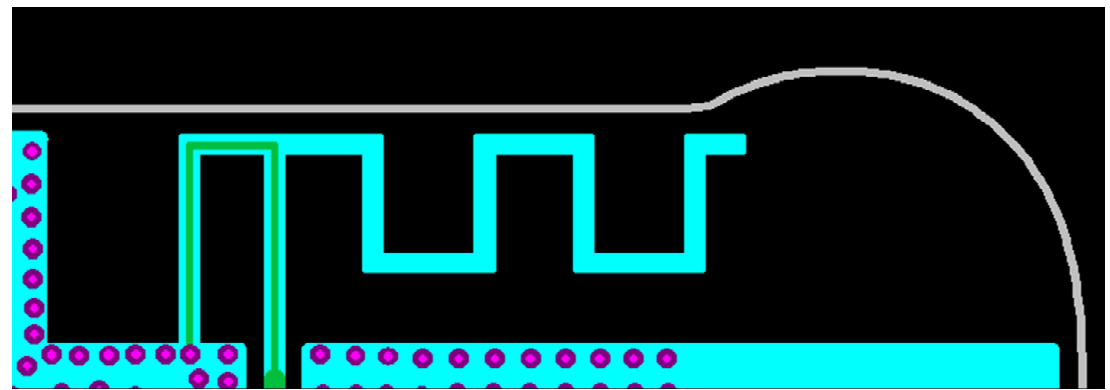
PCB Pattern Antenna Specification

HKMC RCU Antenna

1. Antenna Dimensions



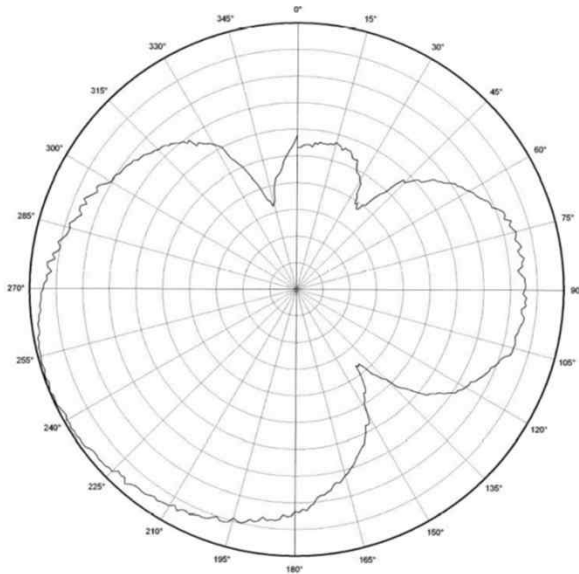
L1	4.19 mm
L2	4.10 mm
L3	2.70mm
L4	3.00mm
L5	1.70mm
L6	0.90mm
W1	0.50mm
D1	2.95mm
D2	0.49mm
D3	1.40mm
D4	1.70mm



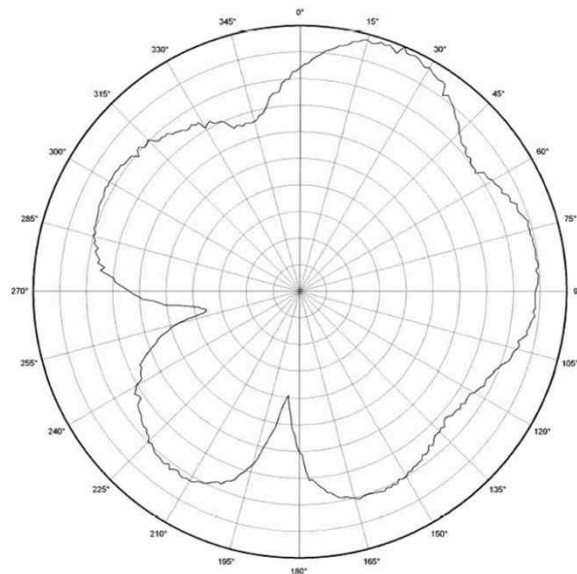
2. Antenna Gain

axis	Polarization	Peak Gain(dBi)
XY	Veritcal	-2.5
XY	Horizontal	0.5
XZ	Veritcal	2.2
XZ	Horizontal	5.3
YZ	Veritcal	5.3
YZ	Horizontal	1.2

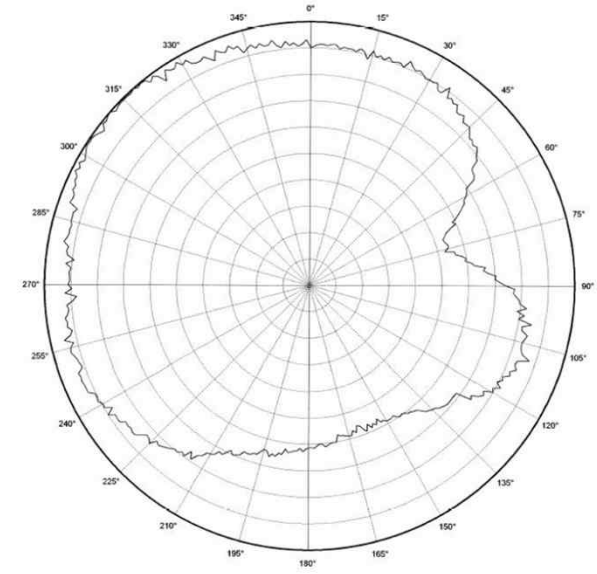
3. Radiation Pattern



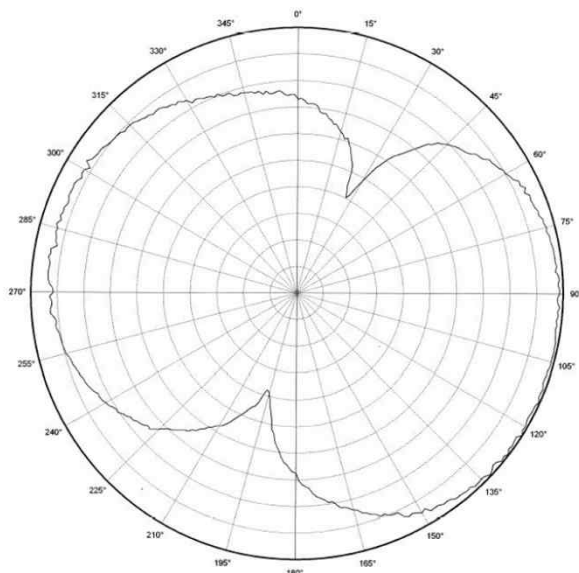
XY Plane, Vertical



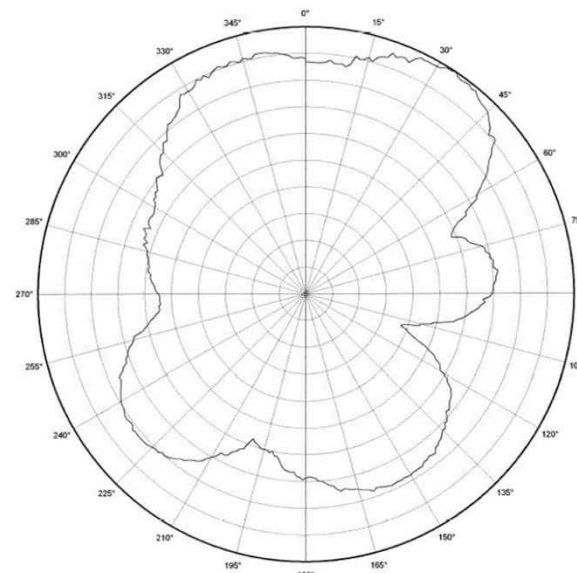
XZ Plane, Vertical



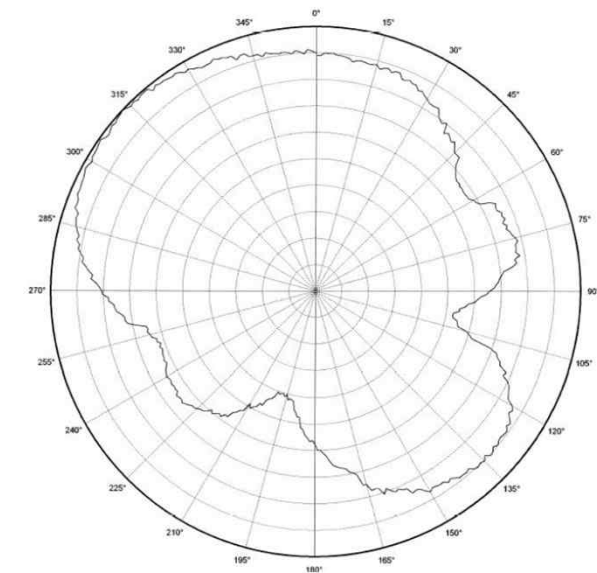
YZ Plane, Vertical



XY Plane, Horizontal



XZ Plane, Horizontal



YZ Plane, Horizontal