

Antenna Parameters

Inputs

Setup Name: Infinite Sphere1

Solution: LastAdaptive

Array Setup: None

Intrinsic Variation: Freq='0.915GHz'

Design Variation: Antenna_PCB_Spacing='15mm'

OK

Export

Export Fields

Antenna Parameters:

Quantity	Value	Units
Max U	0.30101	W/sr
Peak Directivity	4.5259	
Peak Gain	3.7829	
Peak Realized Gain	3.7828	
Radiated Power	0.8358	W
Accepted Power	0.99995	W
Incident Power	1	W
Radiation Efficiency	0.83584	
Front to Back Ratio	7.3346	
Decay Factor	0	

Maximum Field Data:

rE Field	Value	Units	At Phi	At Theta
Total	15.065	V	261deg	77deg
X	14.919	V	264deg	78deg
Y	6.942	V	229deg	86deg
Z	4.8822	V	205deg	44deg
Phi	15.028	V	81deg	-78deg
Theta	9.1339	V	189deg	15deg
LHCP	10.413	V	261deg	85deg
RHCP	10.994	V	260deg	70deg
Ludwig3/X dominant	15.005	V	82deg	-77deg
Ludwig3/Y dominant	7.7739	V	229deg	126deg