

Antenna Report

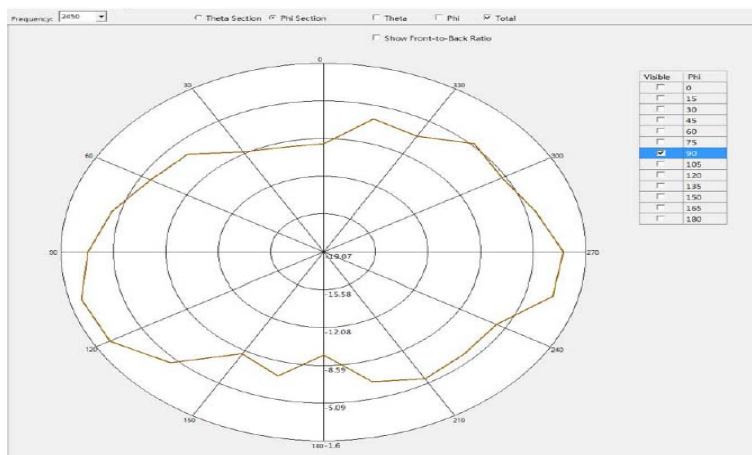
Specification		
Model	RODECASTER DUO	
Impedance	50Ω	
Test environment	Free space	
Freq. Range	2400-2500MHz 5180-5850 MHz	
Antenna type	PCB Antenna	
VSWR	2.4-2.5GHz < 2.0	
Gain	2.4GHz Gain: -1.56dBi (Peak Gain) 5GHz Gain: -1.81dBi (Peak Gain)	
Manufacturer	RODE	

A green printed circuit board (PCB) antenna module is shown. It features a black cable connected to a small white component. The PCB has several labels: 'RODE' in white, 'E745-0705-01-01' in black, and 'J121001' in white. There are also some smaller, less legible labels and a small white component on the board.

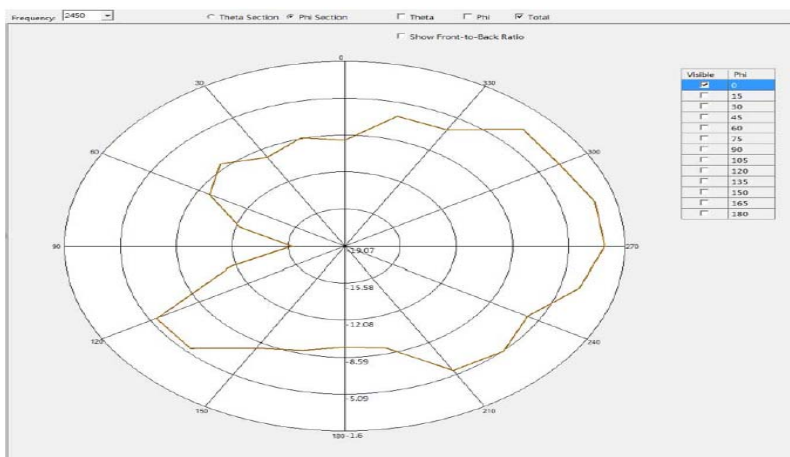
Frequency	Gain(dBi)	Efficiency	Frequency	Gain(dBi)	Efficiency
2400	-2.49	26.54	5100	-2.68	17.21
2410	-1.9	29.34	5200	-2.01	20.24
2420	-1.83	29.58	5300	-2.42	20.42
2430	-1.73	30.29	5400	-1.81	22.4
2440	-1.56	30.65	5500	-2.83	17.93
2450	-1.59	30.32	5600	-5.65	12.01
2460	-1.67	30.05	5700	-2.23	19.69
2470	-1.79	29.19	5800	-2.35	22.95
2480	-1.93	26.84	5900	-2.78	22.07

2D POLAR RADIATION PATTERN

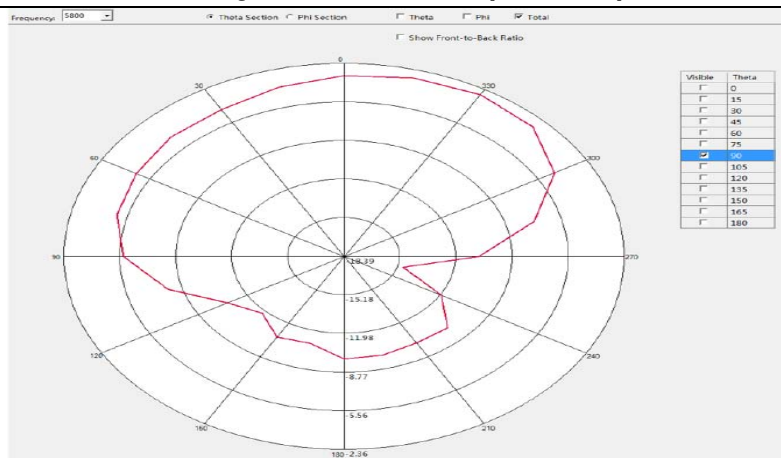
FREQUENCY=2450MHZ(PHI=90°)



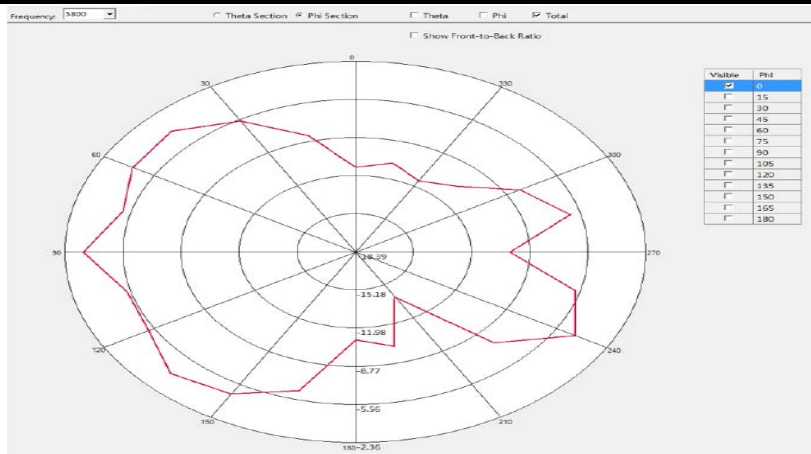
FREQUENCY=2450MHZ(PHI=0°)



FREQUENCY=5800MHZ(PHI=90°)

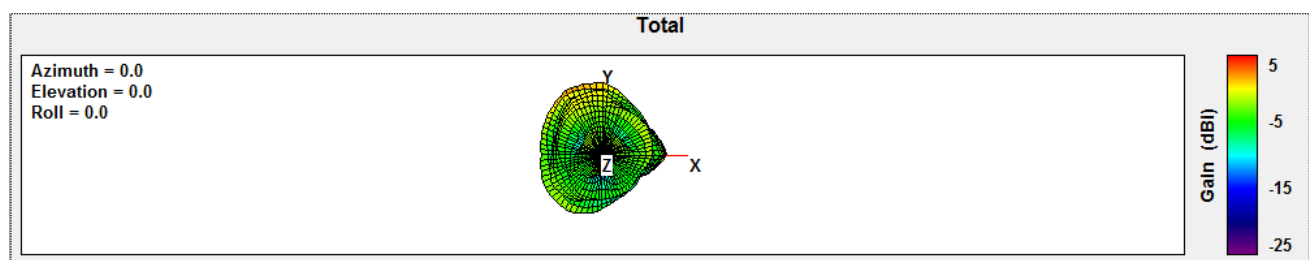


FREQUENCY=5800MHZ(PHI=0°)



3D RADIATION PATTERN

FREQUENCY=2450MHZ



FREQUENCY=5800MHZ

