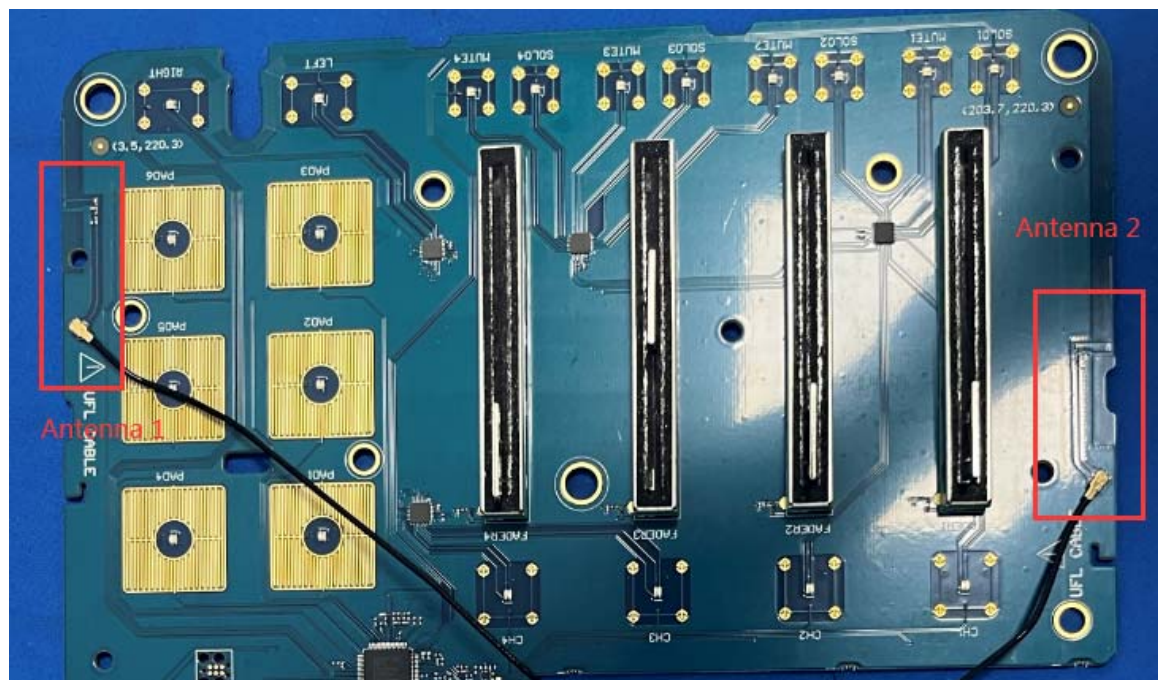


Antenna Report

Specification		
Model	RODECASTER DUO	
Impedance	50Ω	
Test environment	Free space	
Freq. Range	2.4-2.5GHz	
Antenna type	Antenna 1: PCB Antenna Antenna 2: PCB Antenna	
VSWR	2.4-2.5GHz < 2.0	
Gain	Antenna 1: -1.56dBi(Peak gain) Antenna 2: -2.16dBi(Peak gain)	
Manufacturer	RODE	

Antenna



Antenna 1

Frequency(MHz)	Efficiency(dB)	Efficiency(%)	Gain(dBi)
2400	-19.222	1.196	-1.968
2410	-19.363	1.157	-2.113
2420	-20.257	0.942	-3.046
2430	-19.932	1.015	-2.901
2440	-18.760	1.330	-1.581
2450	-17.671	1.709	-1.682
2460	-16.978	2.005	-1.621
2470	-16.780	2.068	-1.622
2480	-16.622	2.176	-1.560
2490	-16.324	2.030	-1.997
2500	-16.249	2.071	-1.888

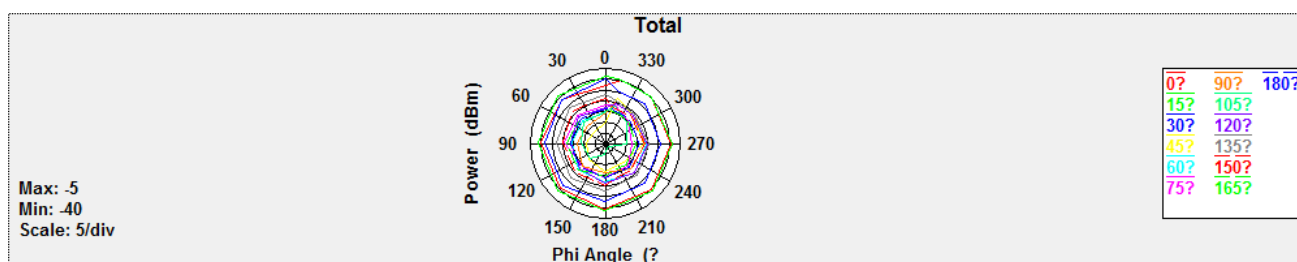
Antenna 2

Frequency(MHz)	Efficiency(dB)	Efficiency(%)	Gain(dBi)
2400	-9.336	11.246	-4.150
2410	-9.343	11.116	-3.761
2420	-9.383	11.123	-3.705
2430	-9.208	11.611	-3.405
2440	-9.073	12.055	-3.140
2450	-9.080	12.216	-2.878
2460	-9.057	12.282	-2.807
2470	-9.085	12.202	-2.672
2480	-8.924	12.666	-2.324
2490	-9.008	12.474	-2.158
2500	-9.048	12.207	-2.178

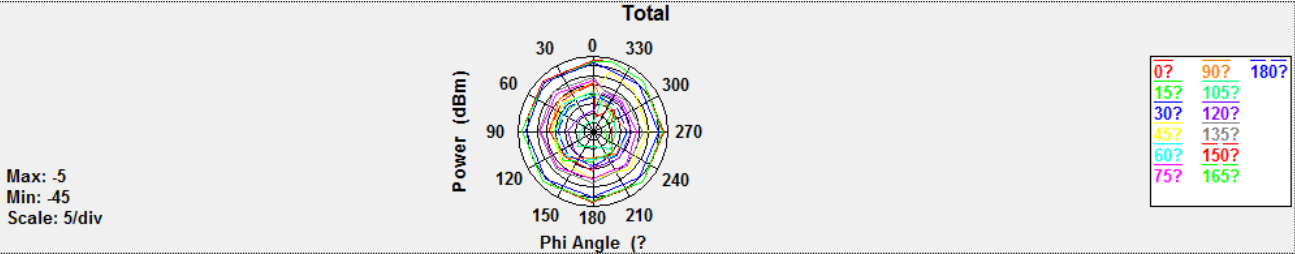
Antenna 1

POLAR RADIATION PATTERN

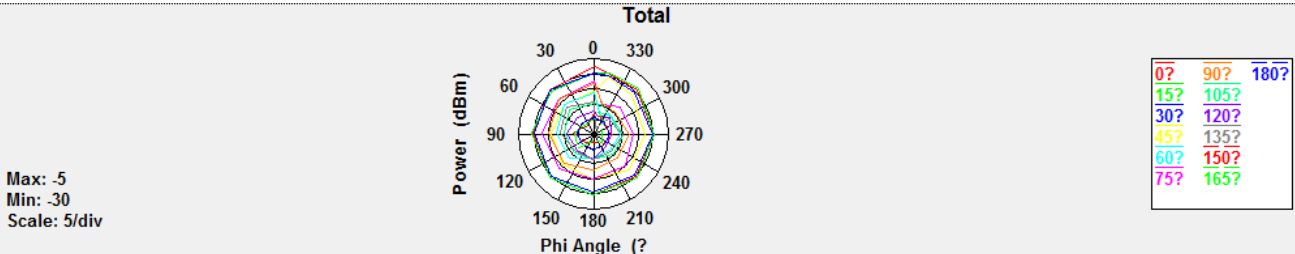
FREQUENCY=2400MHZ(PHI=90°)



FREQUENCY=2450MHZ(PHI=0°)

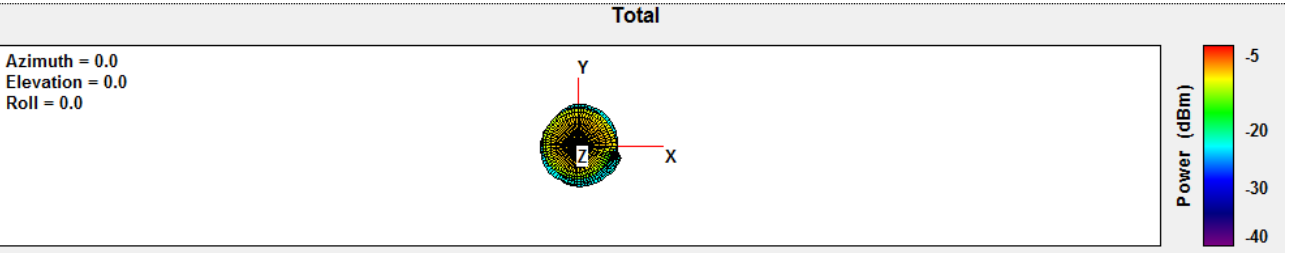


FREQUENCY=2500MHZ(PHI=90°)

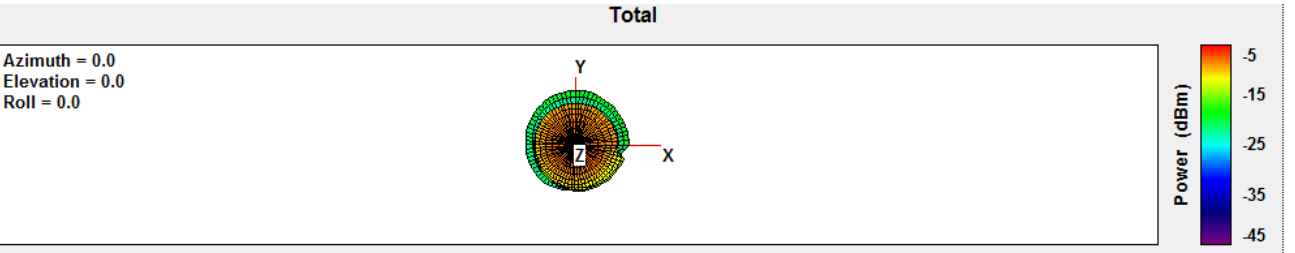


RADIATION PATTERN

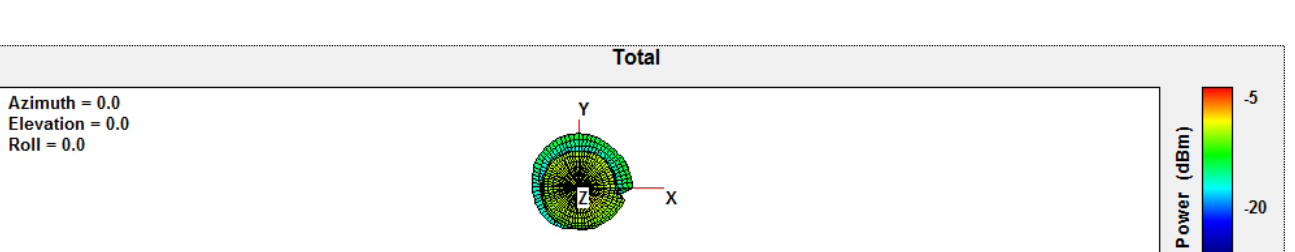
FREQUENCY=2400MHZ



FREQUENCY=2450MHZ



FREQUENCY=2500MHZ

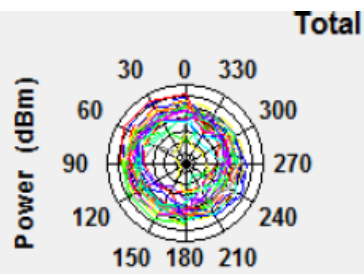


Antenna 2

POLAR RADIATION PATTERN

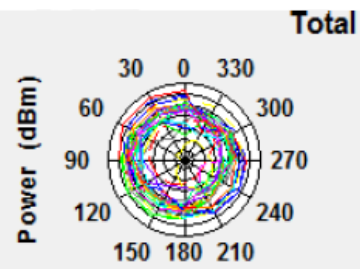
FREQUENCY=2400MHZ(PHI=90°)

Max: 0
Min: -35
Scale: 5/div



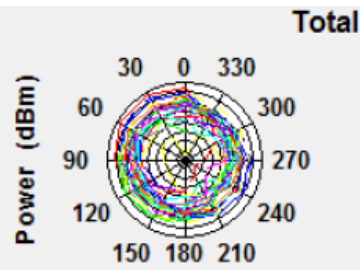
FREQUENCY=2450MHZ(PHI=0°)

Max: 0
Min: -35
Scale: 5/div



FREQUENCY=2500MHZ(PHI=90°)

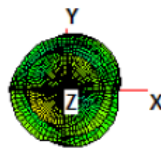
Max: 0
Min: -40
Scale: 5/div



RADIATION PATTERN

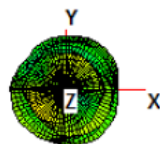
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Elevation = 0.0
Roll = 0.0



FREQUENCY=2450MHZ

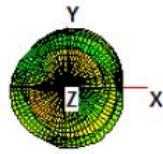
Azimuth = 0.0
Elevation = 0.0
Roll = 0.0



FREQUENCY=2500MHZ

Total

Azimuth = 0.0
Elevation = 0.0
Roll = 0.0



Power (dBm)