

Antenna Report

Project: Dual-Channel Digital UHF Wireless Audio System for Filmmakers

Antenna Vendor: Jiayz

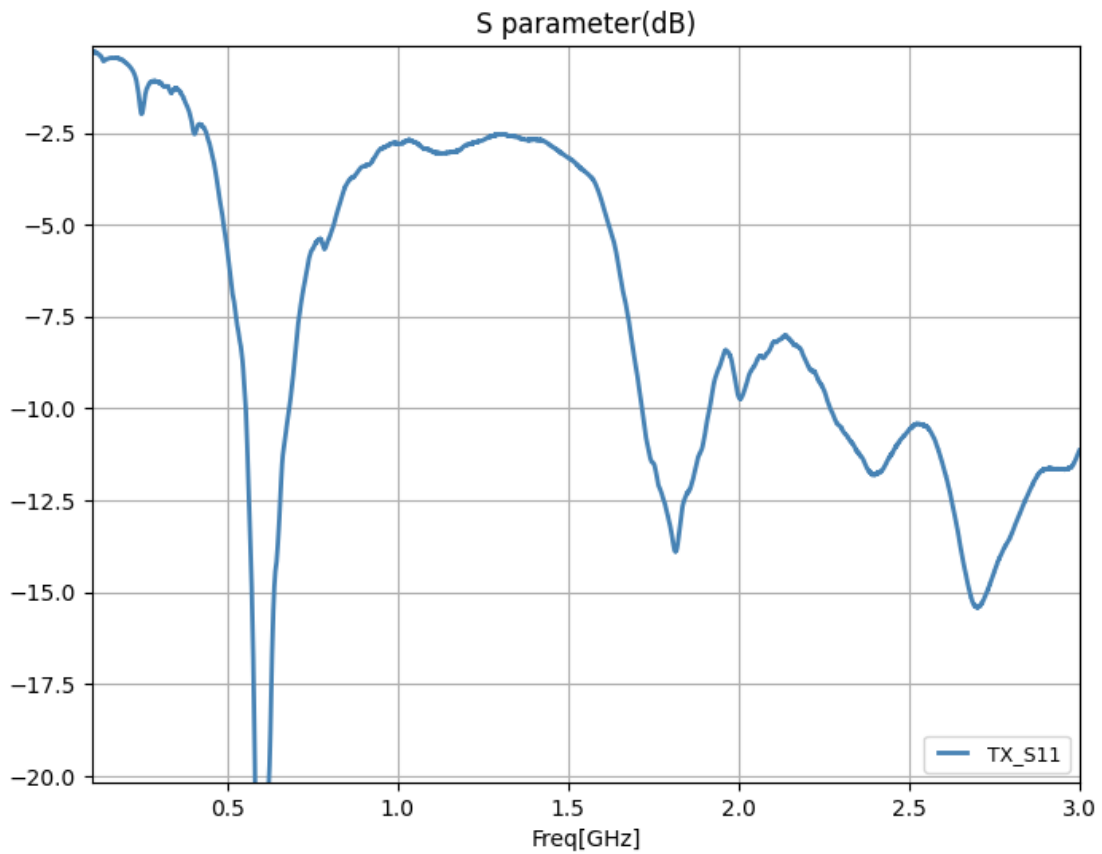
Antenna1: Whip antenna, peak gain @614MHz 2dBi

Antenna2: FPC antenna, peak gain -10dBi, peak gain@2.4G -7dBi

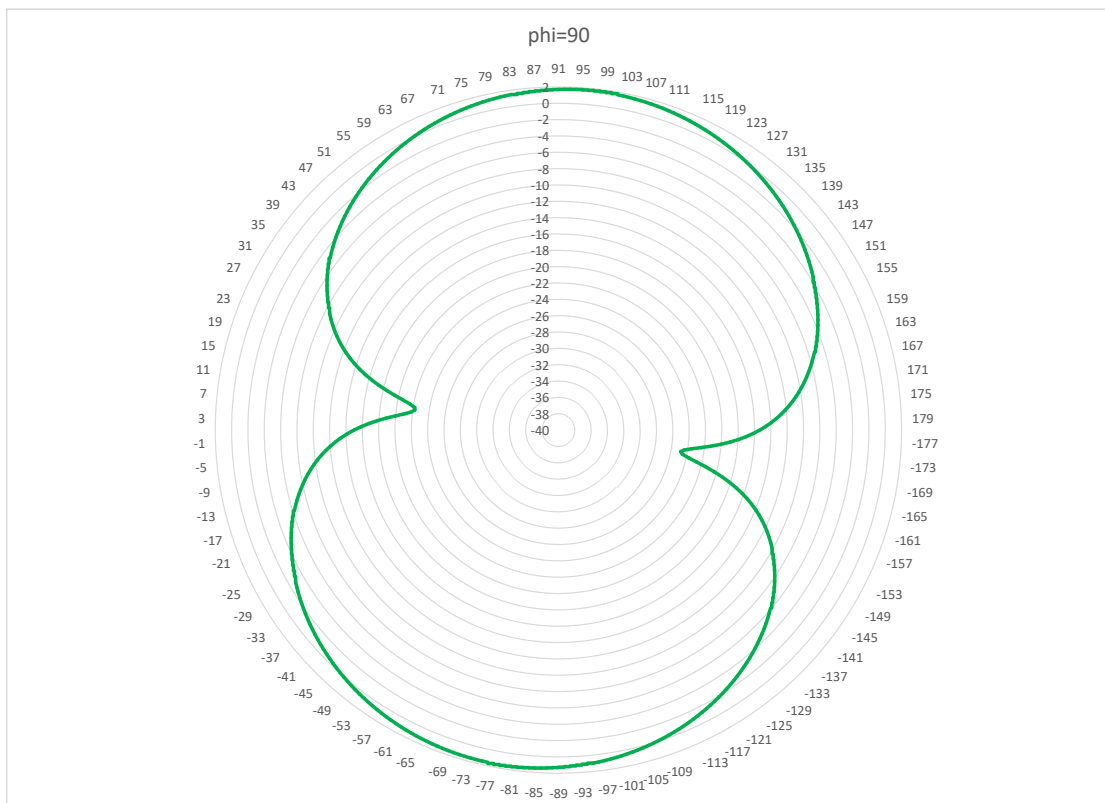
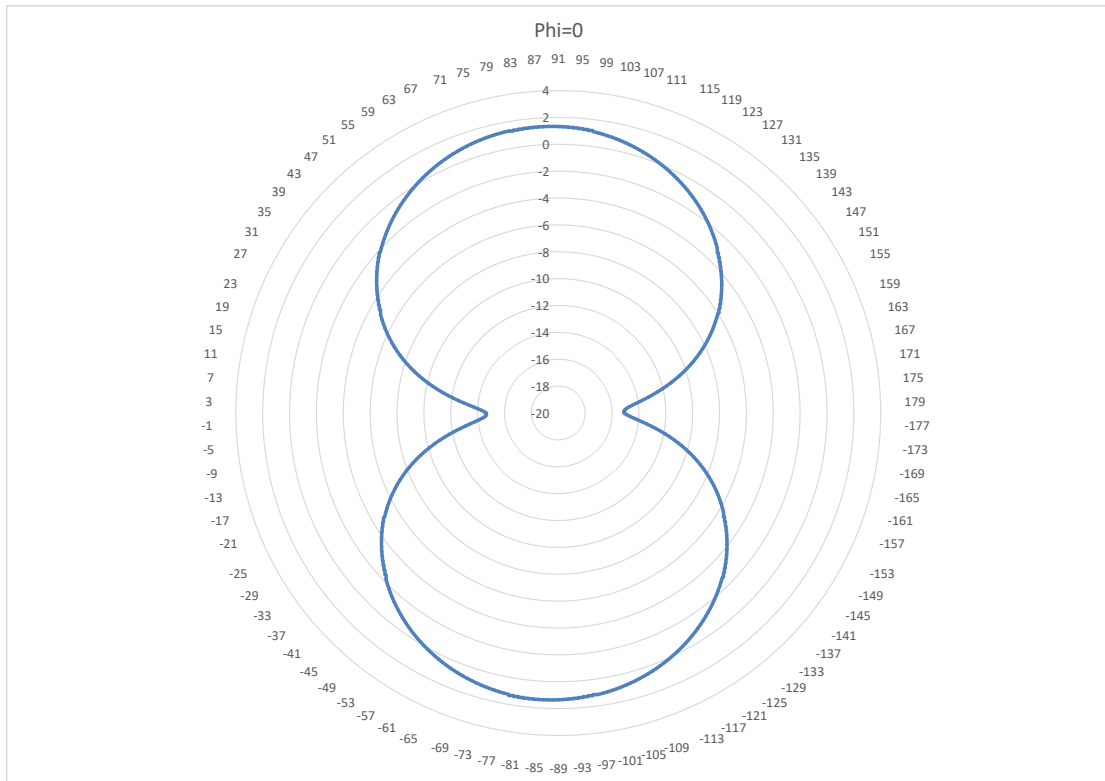
- Antenna1:

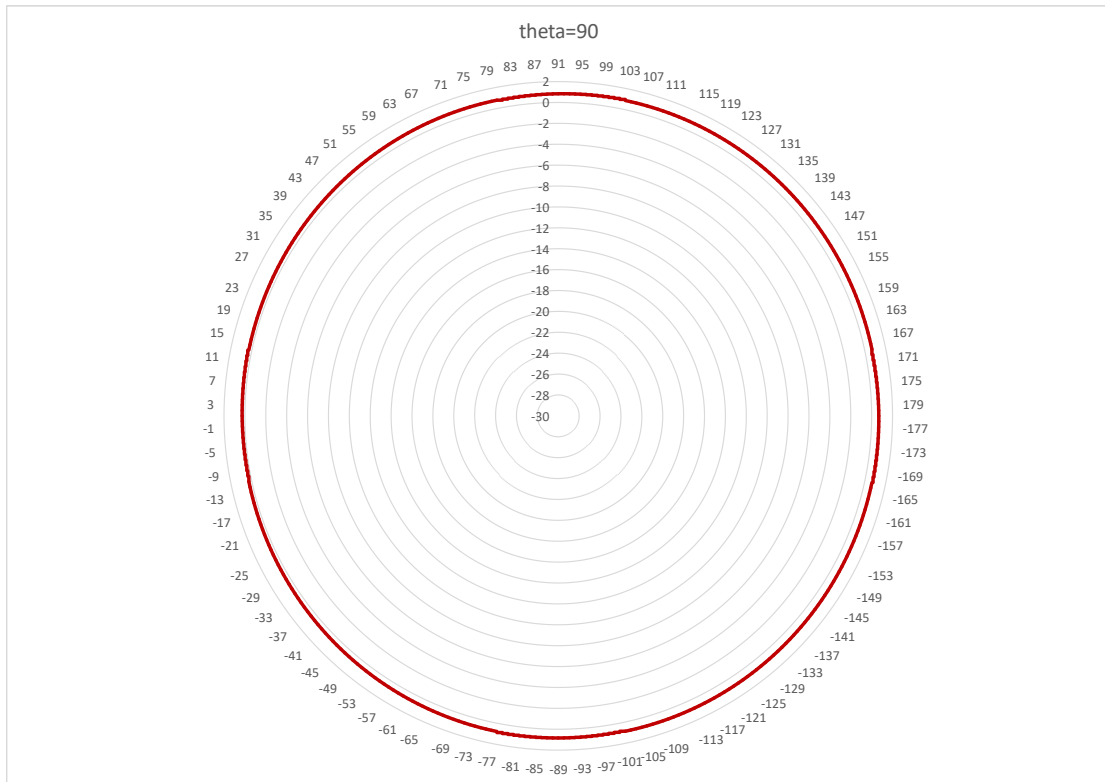
Freq MHz	Antenna Peak Gain dBi
550	1.02
570	0.88
580	0.98
590	1.7
614	2.0
2400	-7.0
2440	-7.4
2480	-7.3

Antenna return loss:

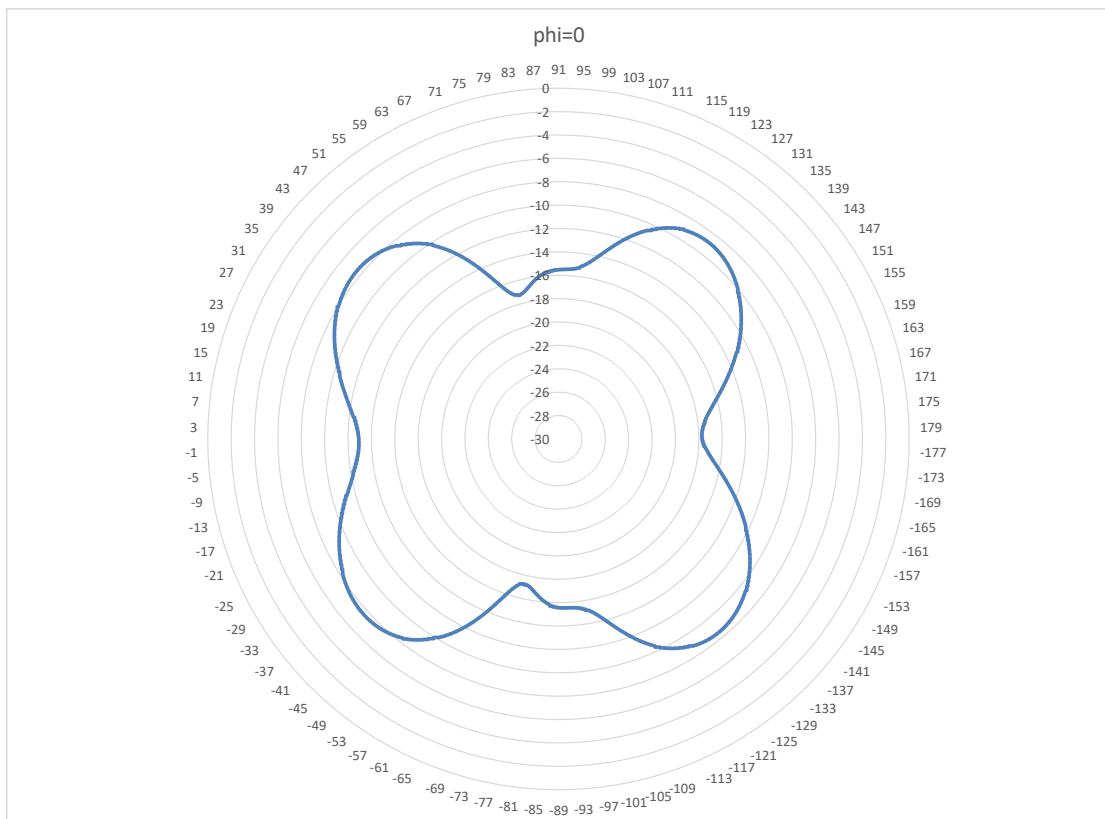


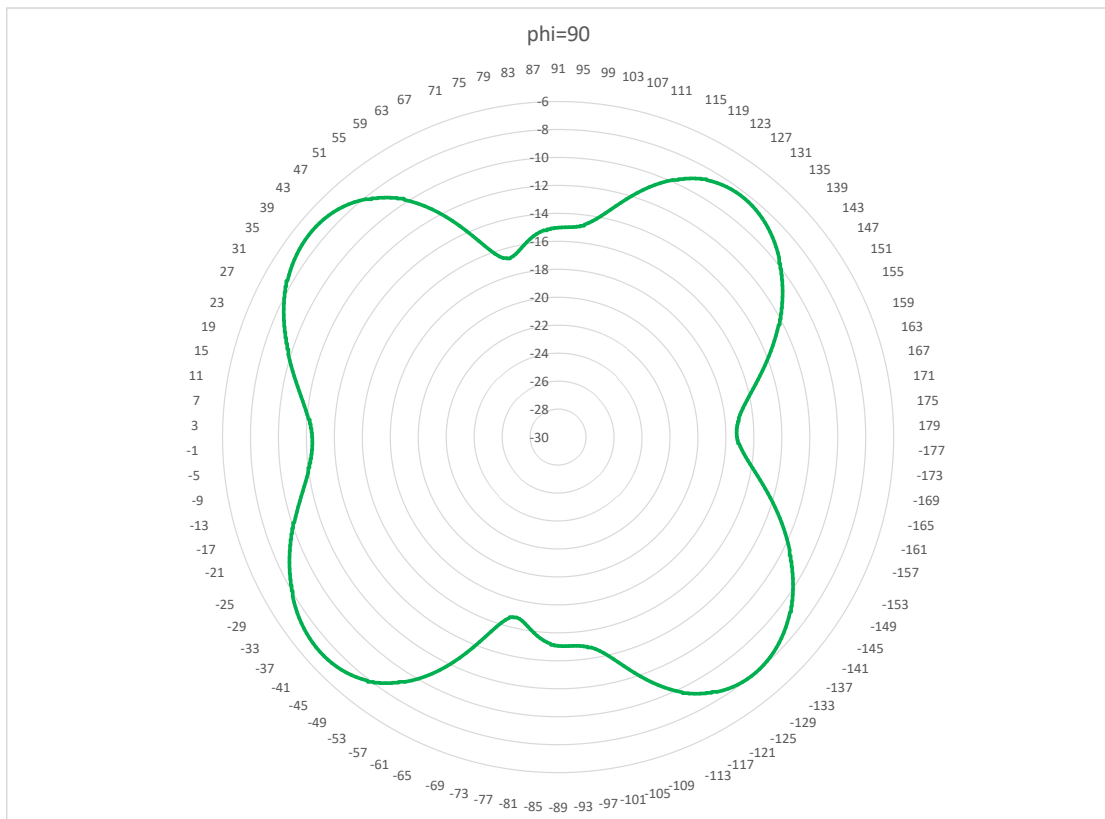
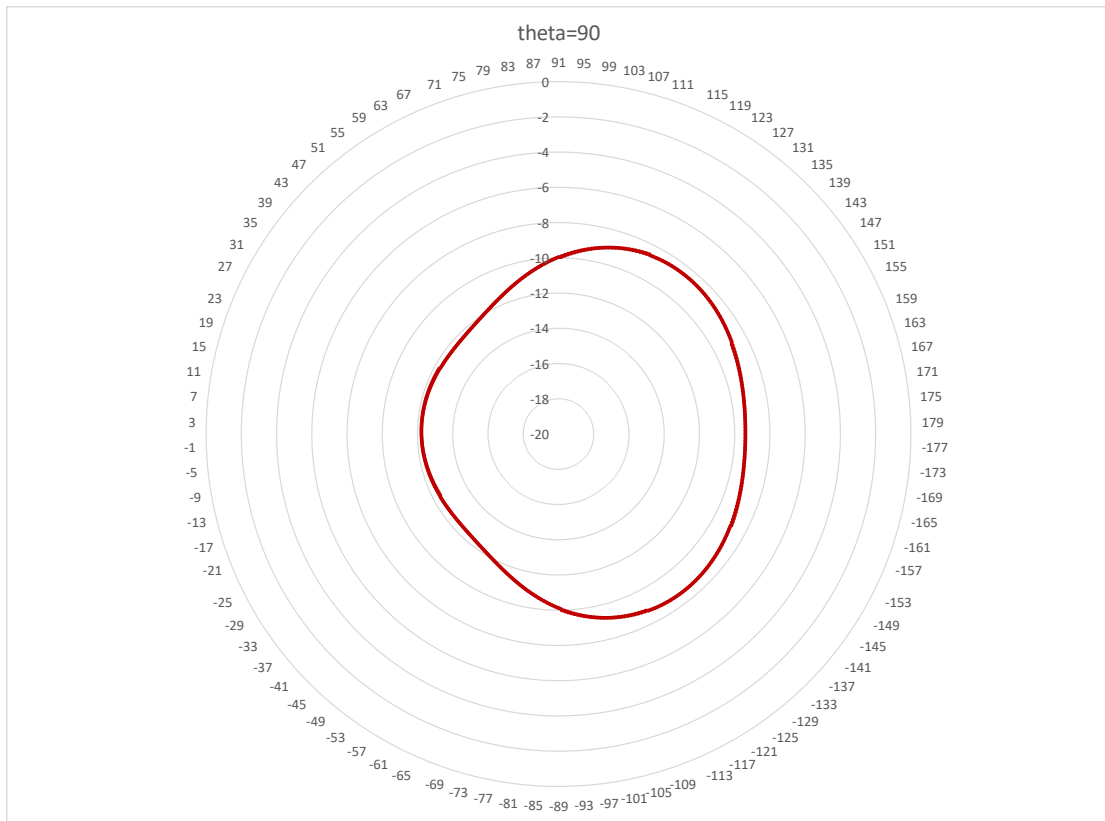
Radiation pattern@614MHz:





Antenna pattern@2.4GHz:





Antenna Photo

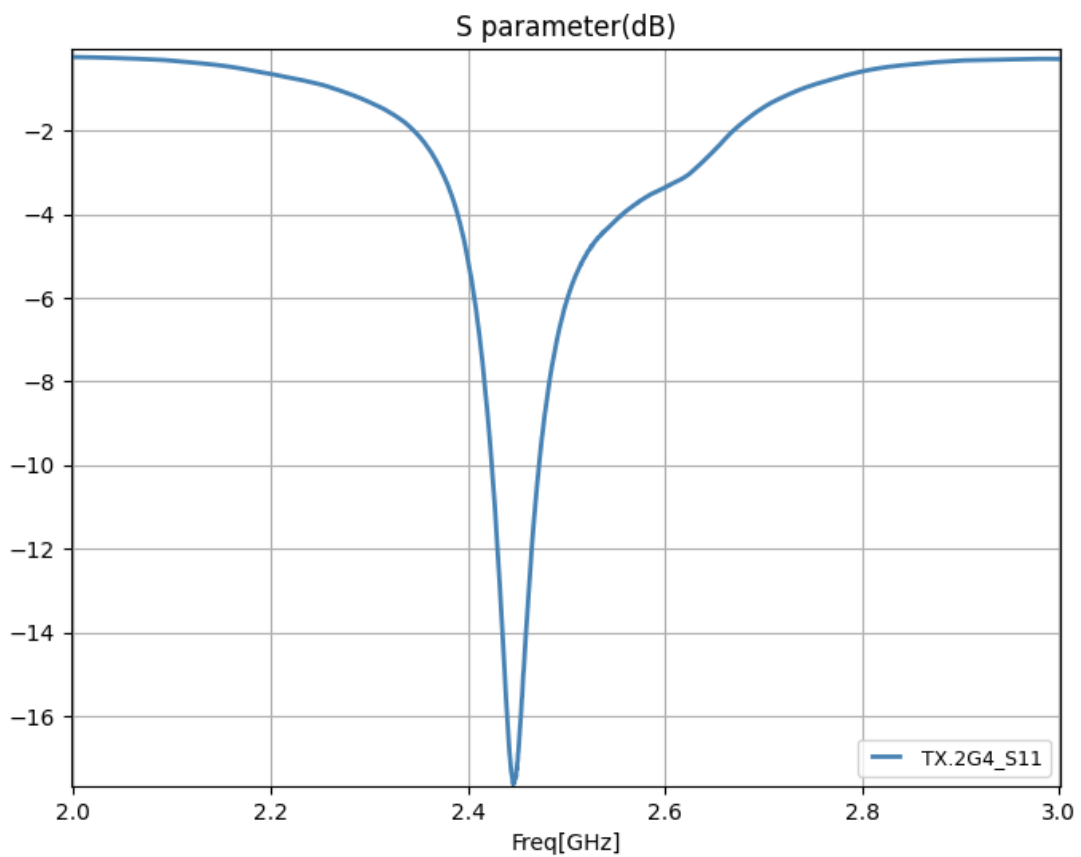


Dimension: Length=126mm, 3.5mmSMA-J

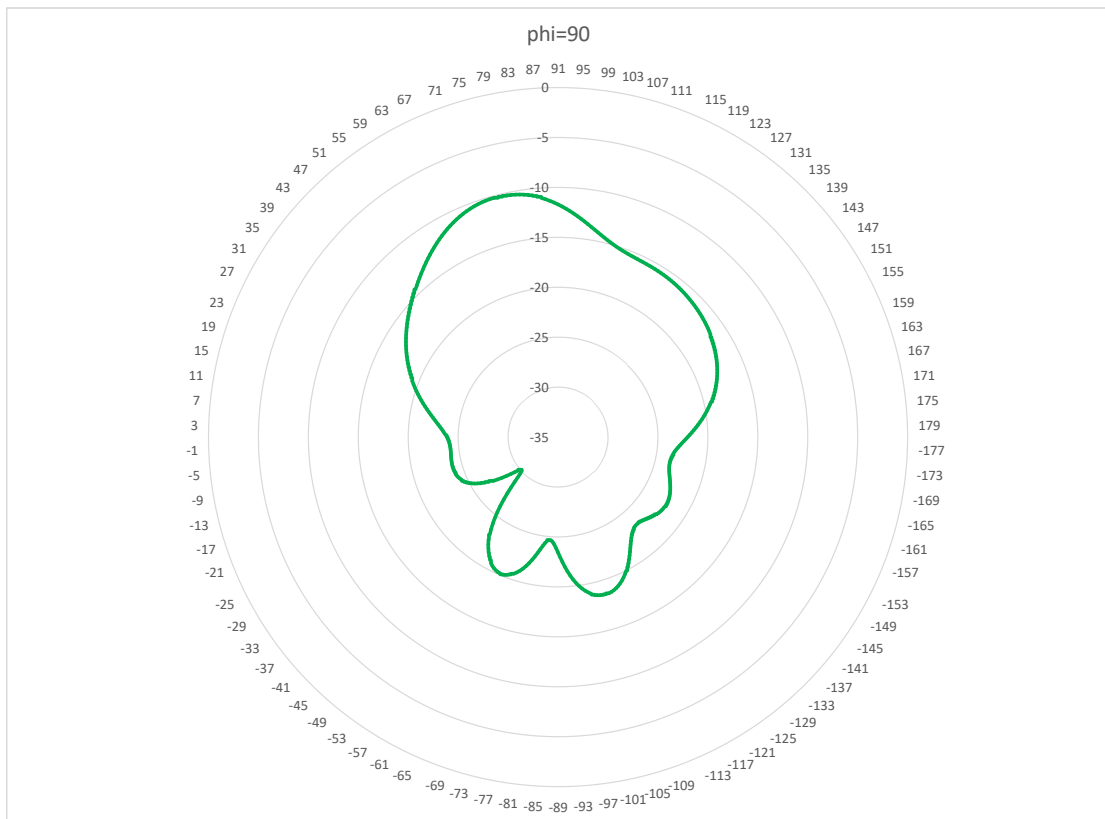
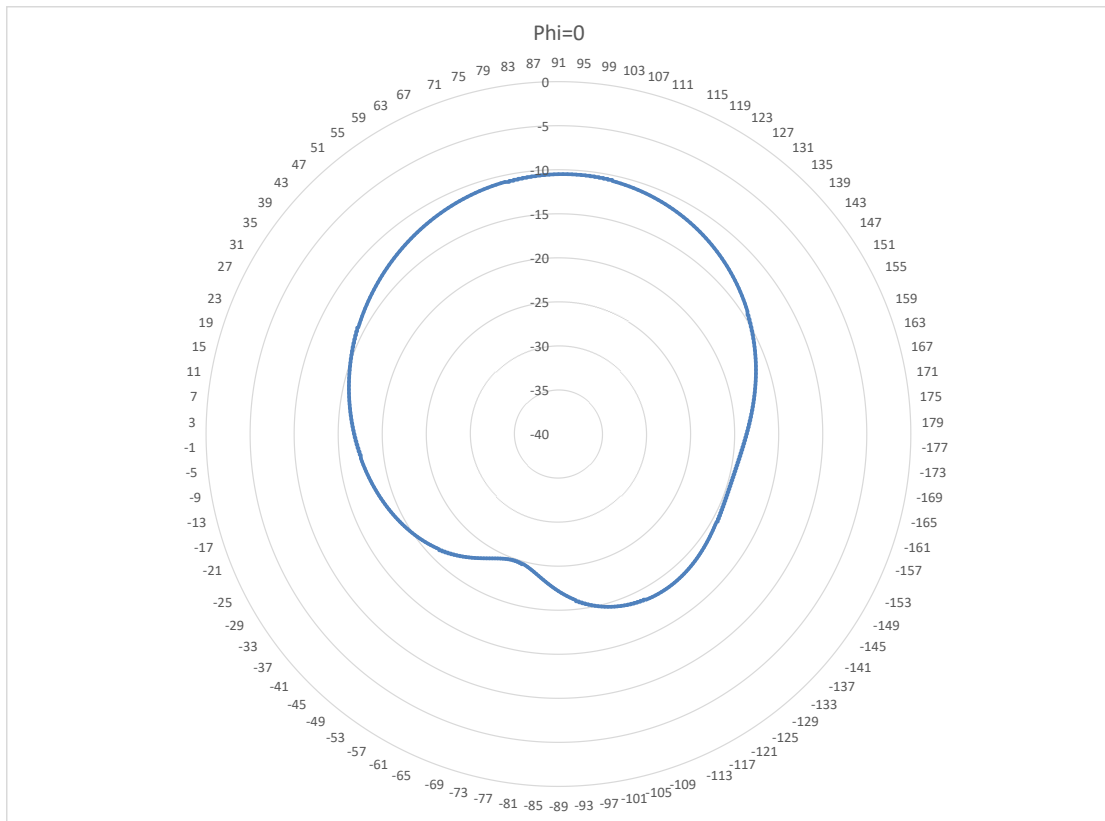
● Antenna2:

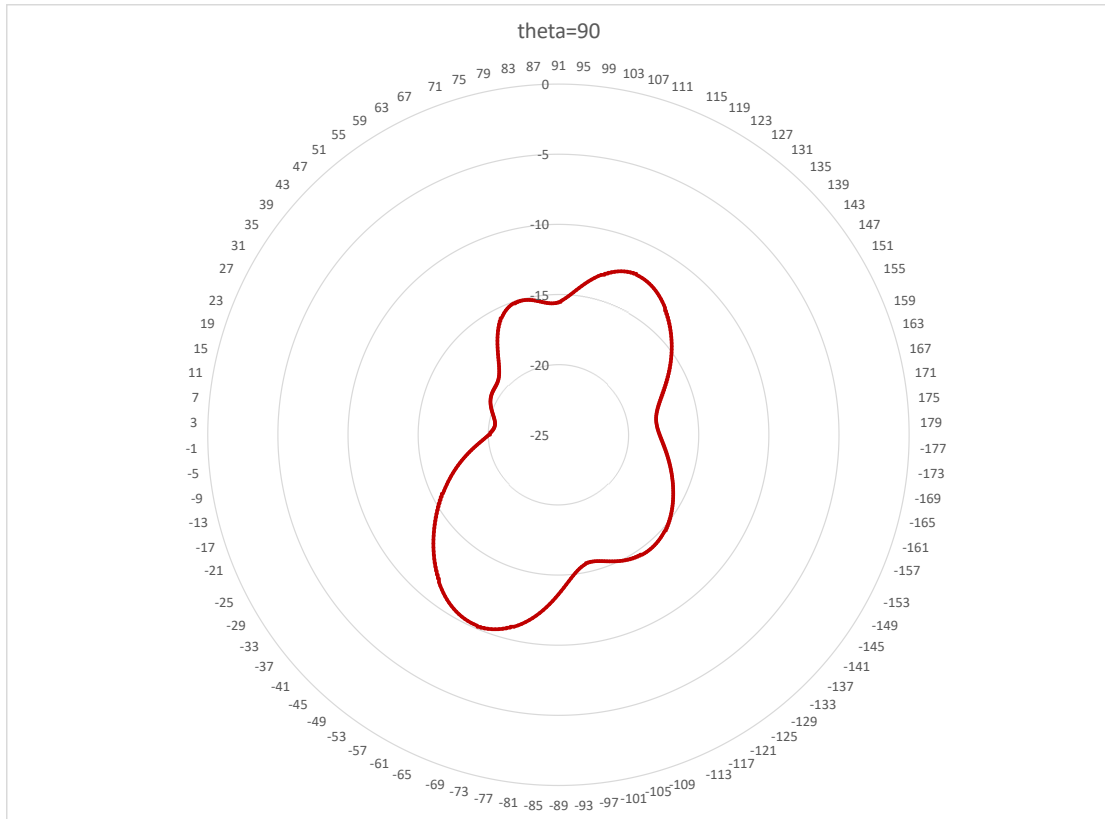
Freq MHz	Antenna Peak Gain dBi
2400	-10
2440	-10.2
2480	-10.5

Antenna return loss:



Radiation pattern:





Antenna Photo



Dimension:45mmX4.5mm(cable:Length=38mm)