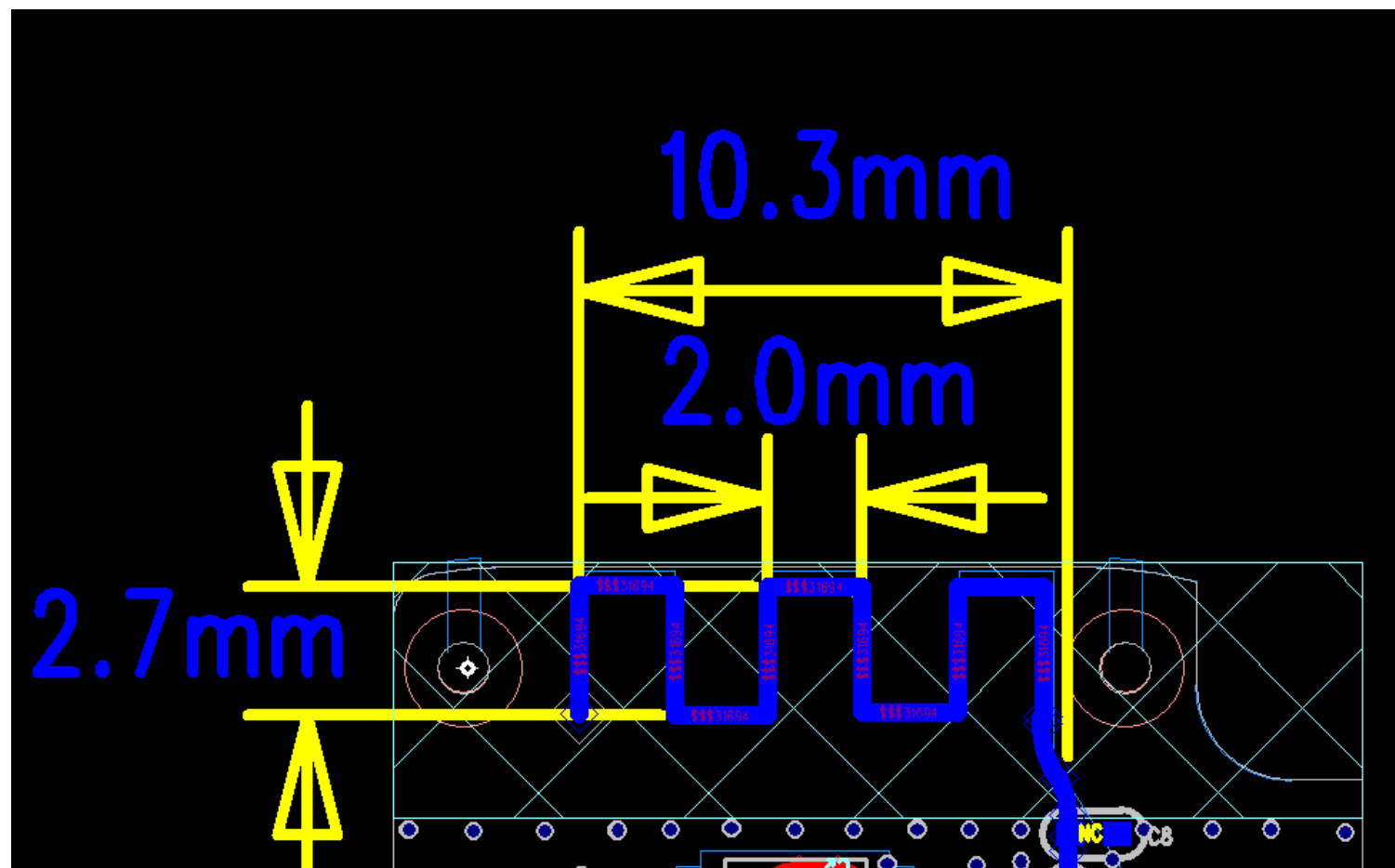


INVERTED F ANTENNA SPECIFICATION

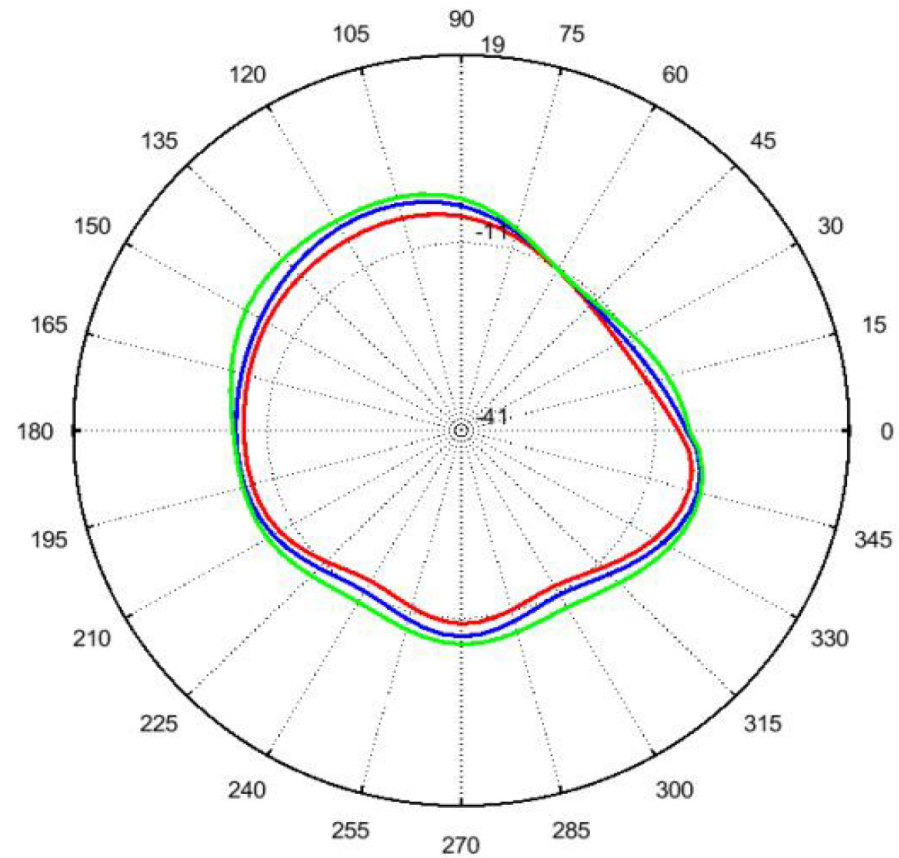
TEST DATA: 2026-07-10

ITEM	PCB ANTENNA SPEC							
Model Name	180S							
Center Frequency	Horizontal			Vertical				
	2.40GHz	2.45GHz	2.50GHz	2.40GHz	2.45GHz	2.50GHz		
	-4.12	-3.81	-2.71	-5.16	-2.23	-0.62		
MAX. Gain	-0.62dBi							
Polarization	Horizontal+Vertical							
Azimuth Beam	Omni-directional							
Impedance	50 Ohm							
Antenna Length	10.3mm							

Shenzhen Shunsheng Precision Electronics Co., Ltd.
Room 101, Building 4, Gangbei Industrial Zone, Huangtian Community, Hangcheng Subdistrict, Bao'an District, Shenzhen

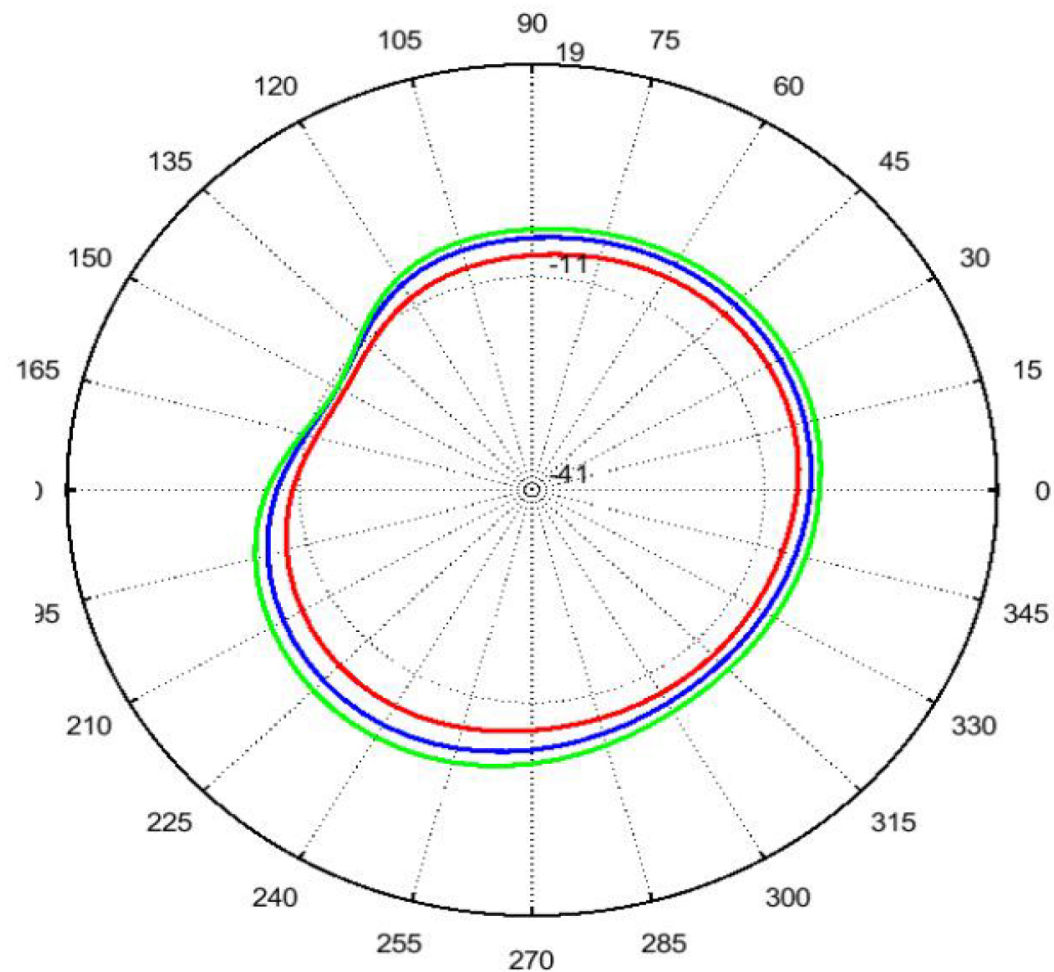


Vertical:2.40GHz 2.45GHz 2.50GHz



Frequency	Gain(dB)		
	MAX	MIN	AVG
2.40GHz	-5.16	-33.68	-8.02
2.45GHz	-2.23	-29.53	-6.54
2.50GHz	-0.62	-28.02	-5.23

Horizontal:2.40GHz 2.45GHz 2.50GHz



Frequency	Gain(dB)		
	MAX	MIN	AVG
2.40GHz	-4.12	-30.52	-7.08
2.45GHz	-3.81	-31.53	-5.1
2.50GHz	-2.71	-12.9	-3.82