

Shenzhen Anwei Wireless Technology Co. , Ltd.

2/F, Building 5, Hualian Industrial Park, Hua Ning Road, Dalang Street, Longhua District, Shenzhen City



Antenna report

Anway radio frequency: Yellow River

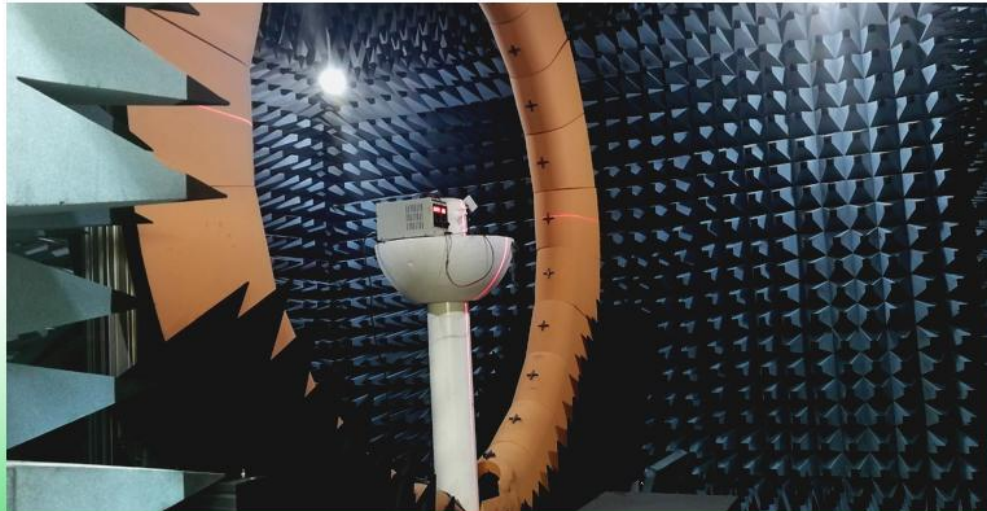
phone: 13510548234

Report: 20220926 v1

Time: 2022.09.26

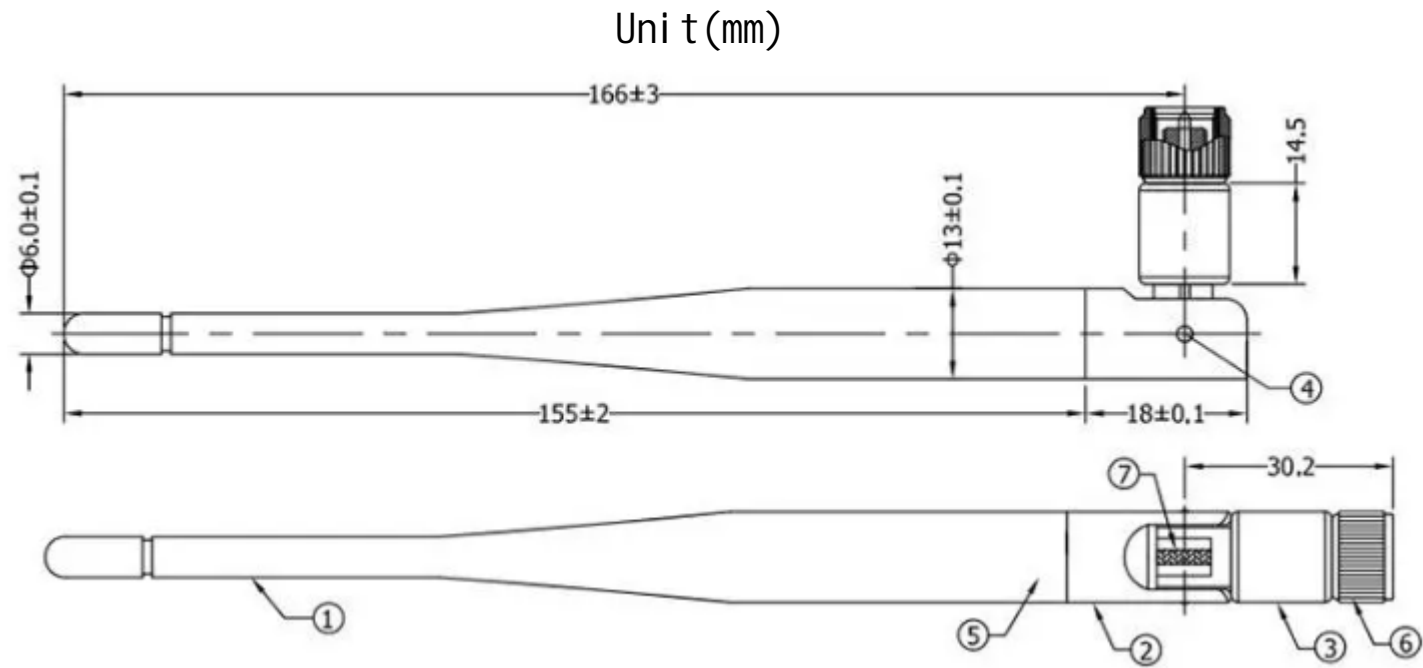
Project Debugging

Plate cut	RIFD						
Overview	antenna	frequency band		State of antenna	Antenna Type	Design area	Matching changes
		ROD	462MHz~470MHz	finished product	ROD	N/A	N/A
Prototype status	machine	environmental		Passive debugging			



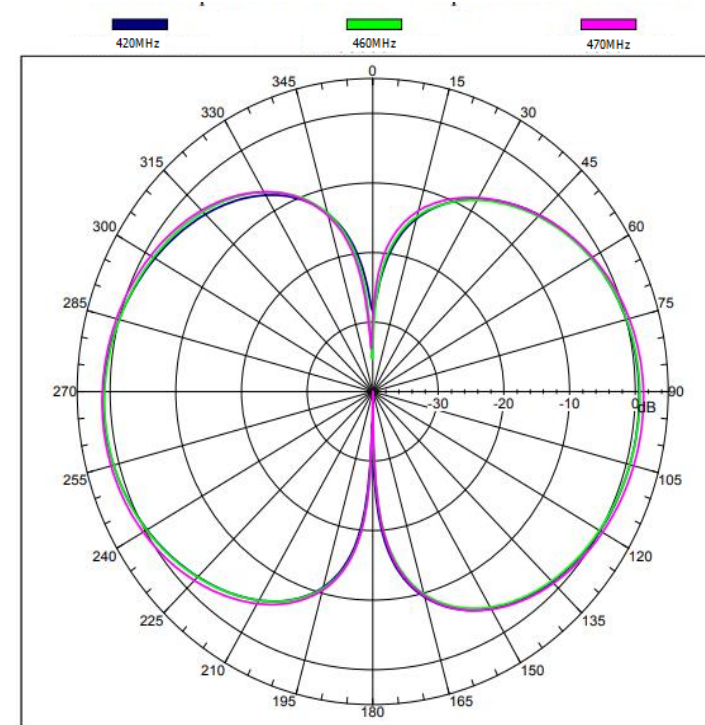
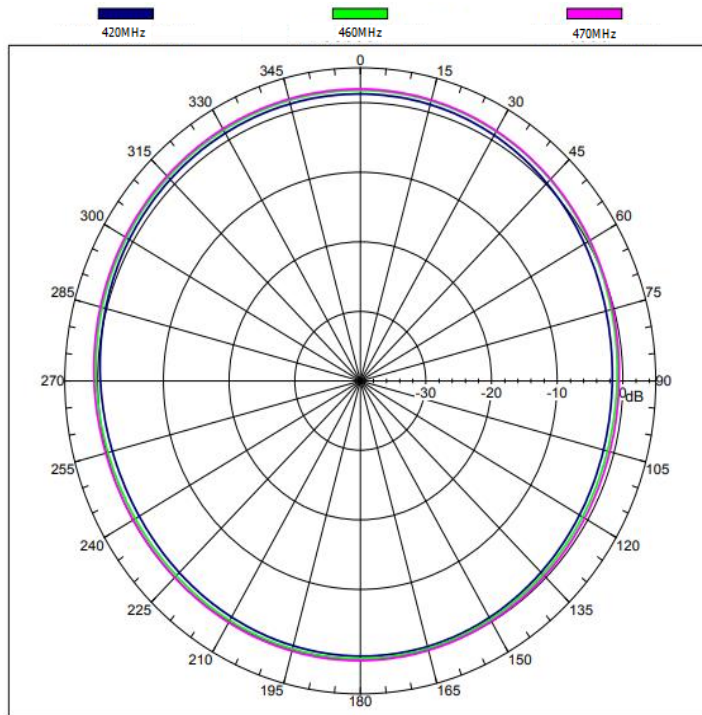
Gain&Efficiency 增益和效率				
frequency 频率 (MHz)	gain 增益 (dBi)	mingain 最小增益 (dBi)	efficiency 效率 (dBi)	efficiency 效率 (%)
462	1.00	-17.59	-4.12	38.73
463	0.97	-17.52	-4.22	37.82
464	0.95	-17.43	-4.22	37.87
465	0.93	-17.22	-4.06	39.24
466	0.95	-17.35	-4.21	37.93
470	0.99	-17.25	-4.23	37.78

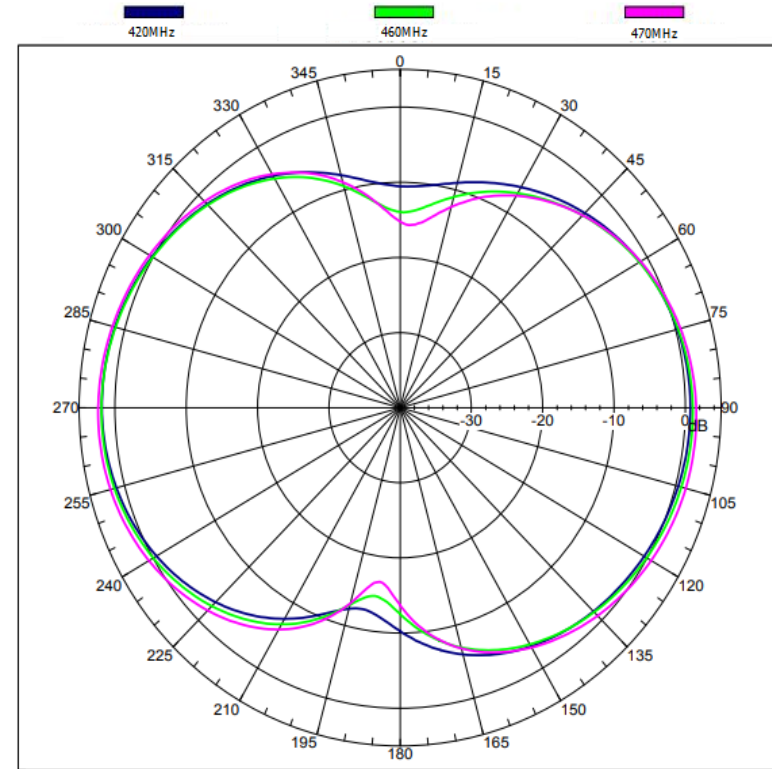
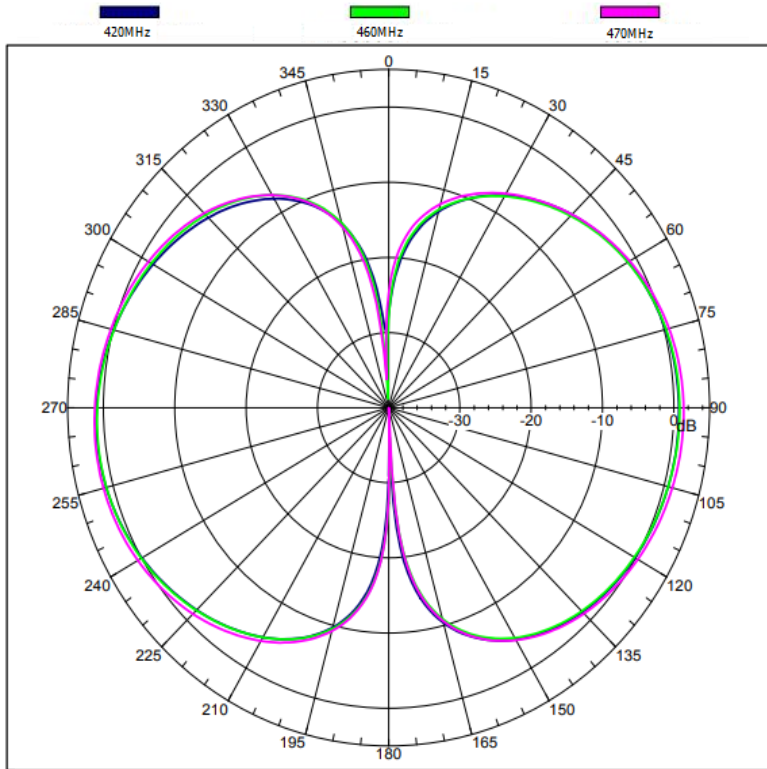
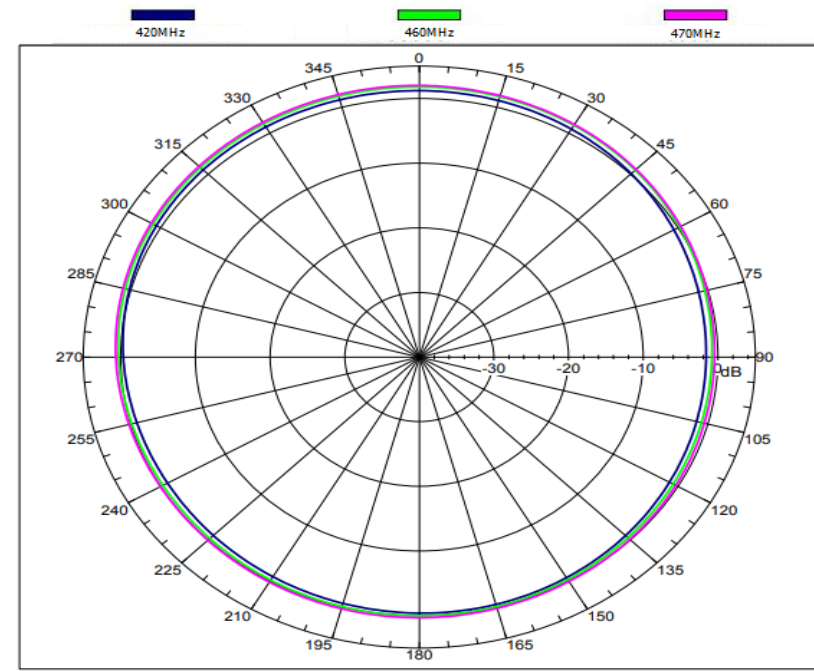
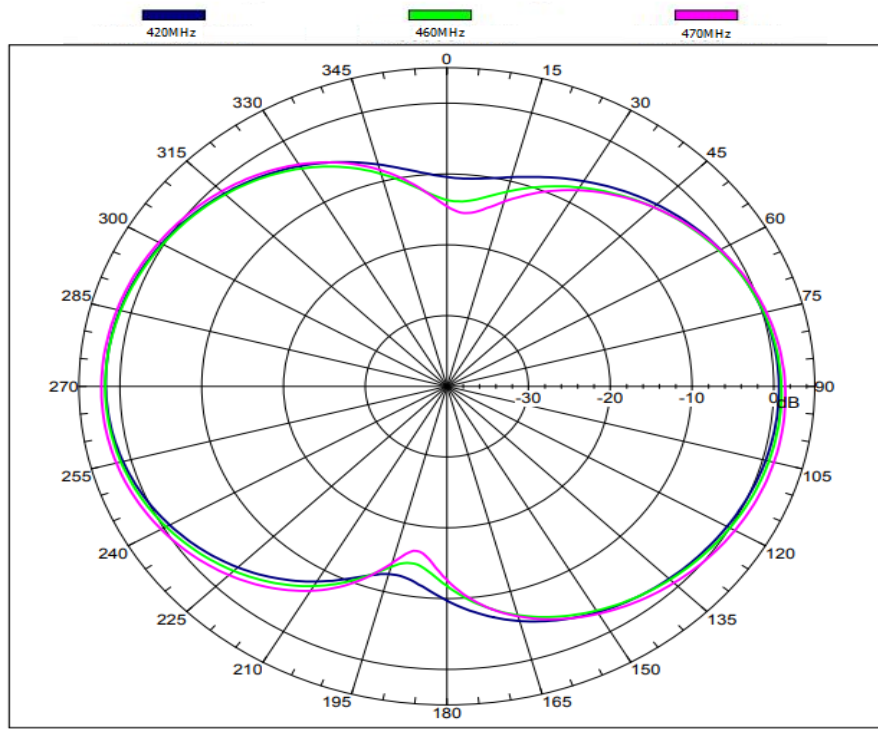
Antenna structure



Structure Chart

Frequency	420MHz	460MHz	470MHz
Gain(dBi)			
Peak	0.976dBi	0dBi	0.981dBi
AVG	0.577dBi	0.593dBi	0.582dBi







The End

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