

Large Sku

Antenna Info.

Wi-Fi	Type	IFA
	Material	FPC
	Model Number	316000312010/ 316000312007
Sub-G	Type	Dipole
	Material	FPC
	Model Number	316000310866
GNSS	Type	IFA
	Material	LDS
	Model Number	3030001107612

Gain table

WiFi

Group	Gain	
Frequency	Left	Right
2.4GHz (2400-2480MHz)	-3.68dBi	-0.92 dBi
5GHz Band 1 (5150-5250MHz)	1.08 dBi	0.11 dBi
5GHz Band 2 (5250-5350MHz)	1.16 dBi	0.62 dBi
5GHz Band 3 (5470-5725MHz)	2.22 dBi	0.97 dBi
5GHz Band 4 (5725-5850MHz)	2.57 dBi	0.46 dBi
6GHz Band 5 (5925-6425MHz)	4.93 dBi	2.48 dBi
6GHz Band 6 (6425-6525MHz)	4.98 dBi	2.33 dBi
6GHz Band 7 (6525-6875MHz)	4.99 dBi	3.47 dBi
6GHz Band 8 (6875-7125MHz)	3.9 dBi	3.22 dBi

Sub-G

Frequency	Gain
Sub G (863-870MHz)	2.43 dBi
Sub G (902-928MHz)	2.8 dBi

Test Environment

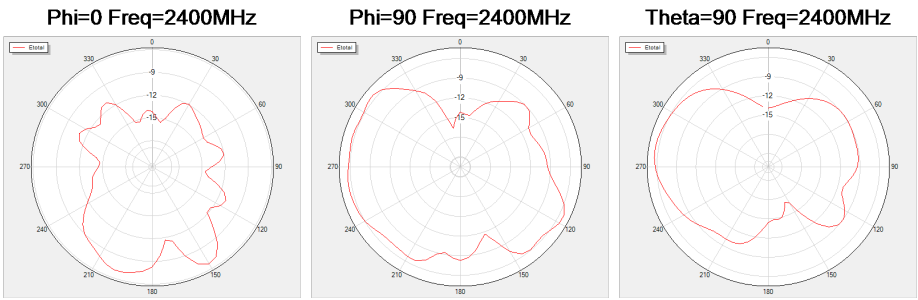
Test software:	Sunyield system V2.1.3
Chamber:	Sunyield SY24
Calibration Date	2025.02.17
Location:	Weifang,China
Tester	韩中益
Equipment	Keysight N99918B
Testing Date	2025.03.03
Testing method	Passive test
Manufacturer Company	Goertek
Test picture	

Radiation Pattern

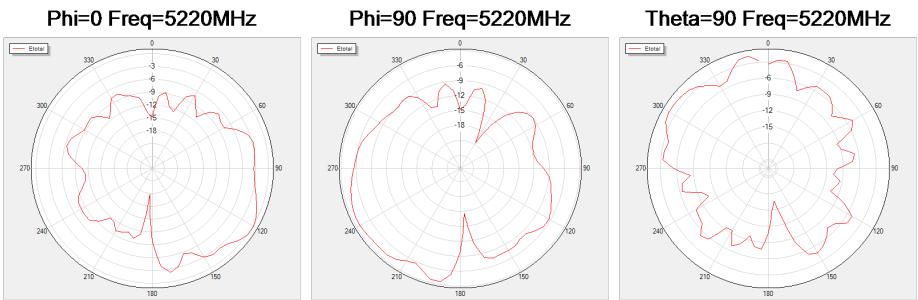
Wi-Fi Radiation Pattern

Wi-Fi Left

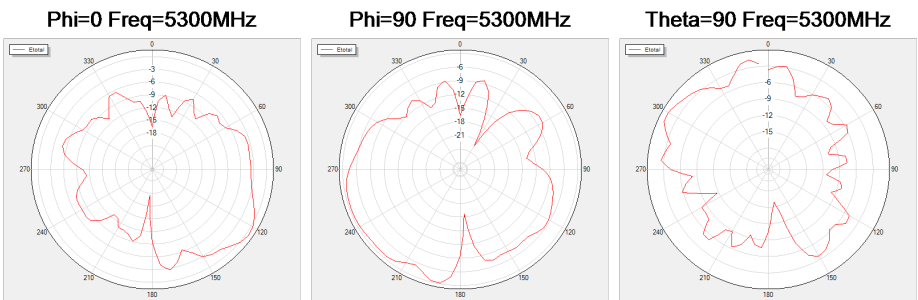
2.4GHz (2400-2480MHz)



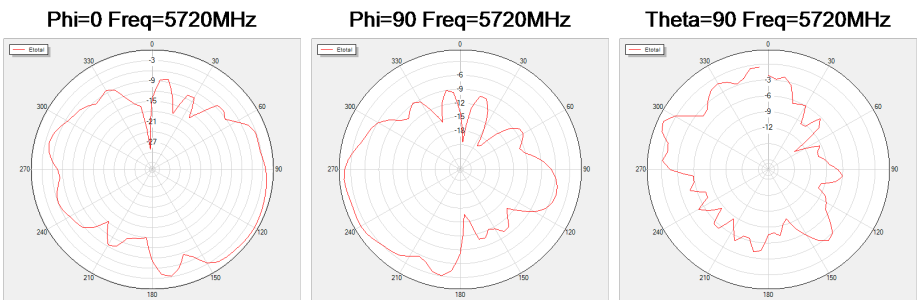
5GHz Band 1 (5150-5250MHz)



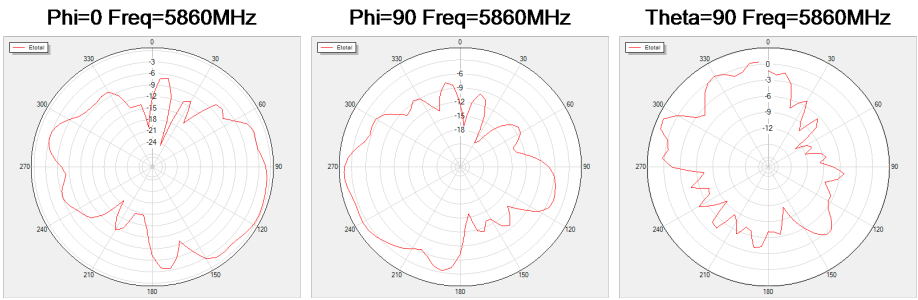
5GHz Band 2 (5250-5350MHz)



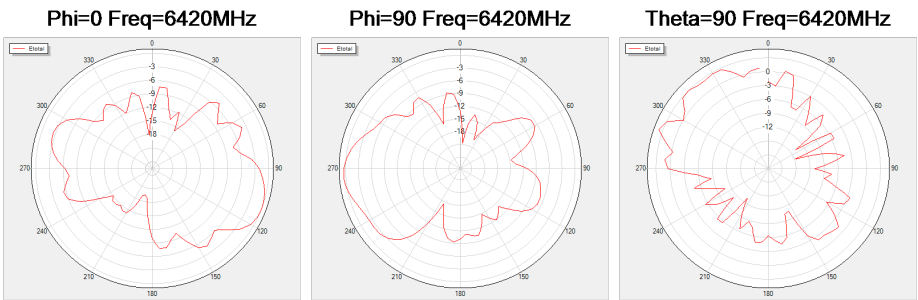
5GHz Band 3 (5470-5725MHz)



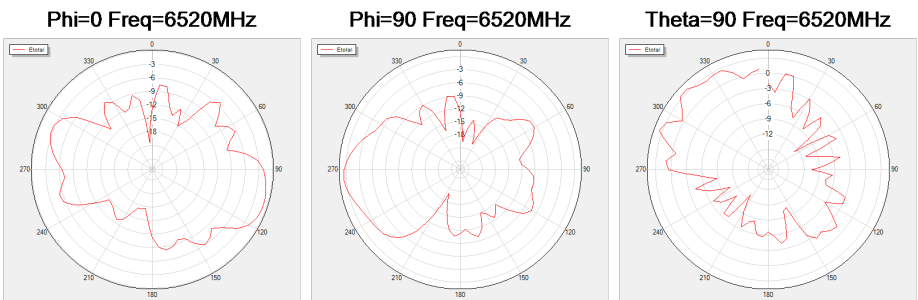
5GHz Band 4 (5725-5850MHz)



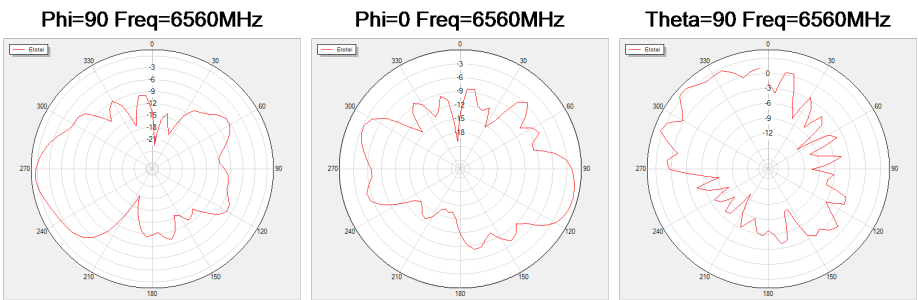
6GHz Band 5 (5925-6425MHz)



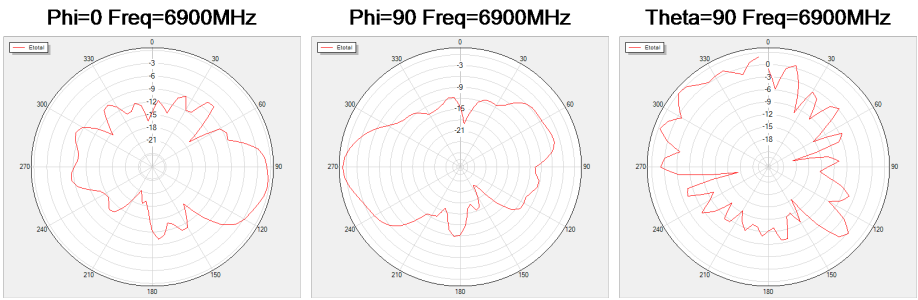
6GHz Band 6 (6425-6525MHz)



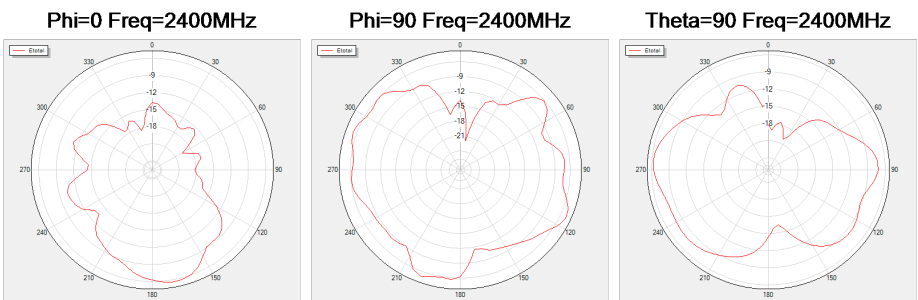
6GHz Band 7 (6525-6875MHz)



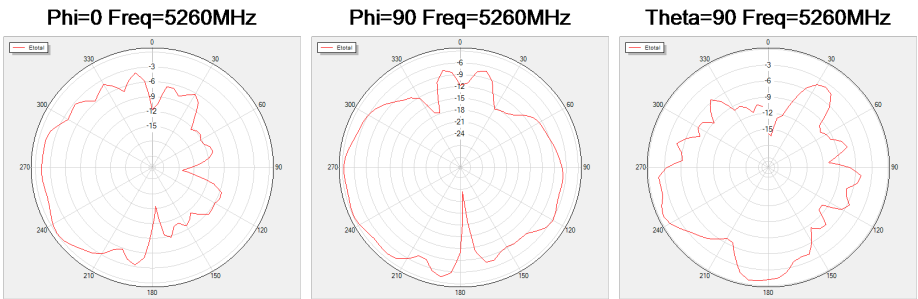
6GHz Band 8 (6875-7125MHz)



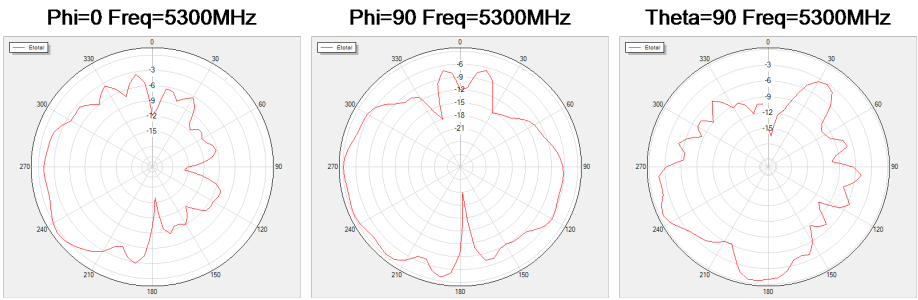
Wi-Fi Right
2.4GHz (2400-2480MHz)



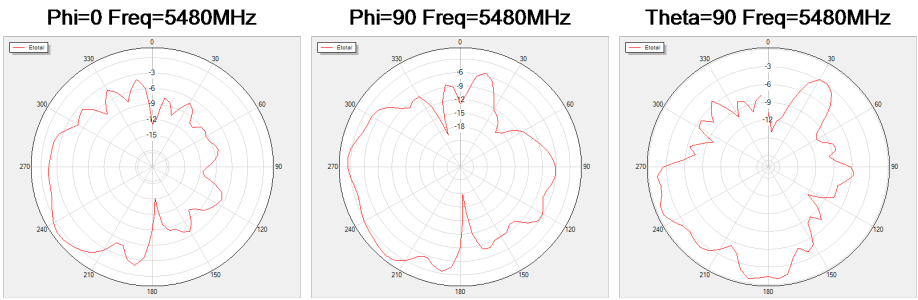
5GHz Band 1 (5150-5250MHz)



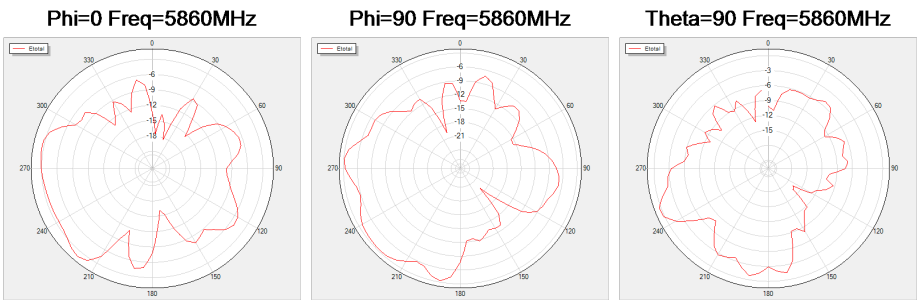
5GHz Band 2 (5250-5350MHz)



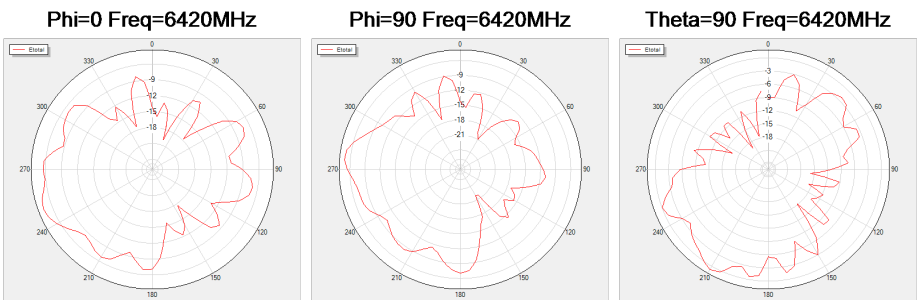
5GHz Band 3 (5470-5725MHz)



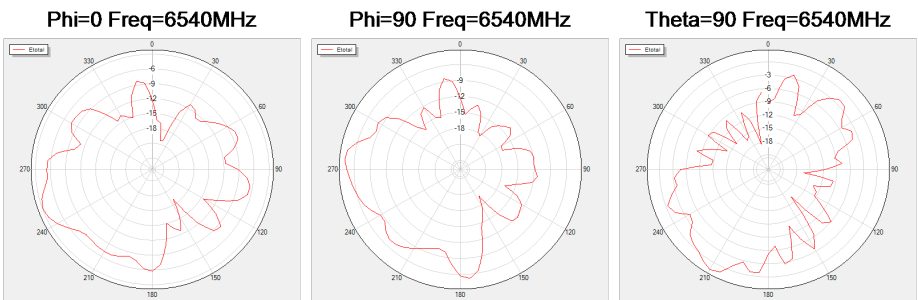
5GHz Band 4 (5725-5850MHz)



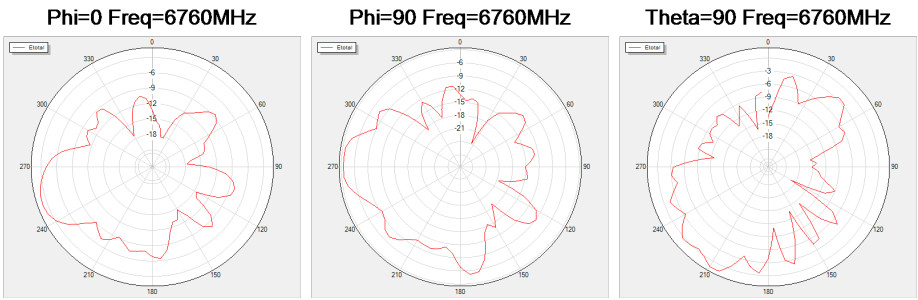
6GHz Band 5 (5925-6425MHz)



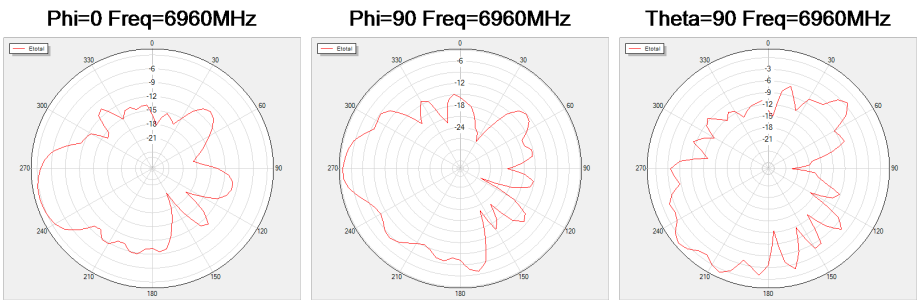
6GHz Band 6 (6425-6525MHz)



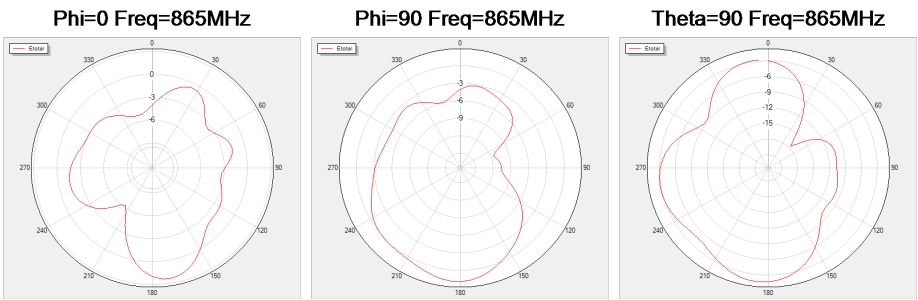
6GHz Band 7 (6525-6875MHz)



6GHz Band 8 (6875-7125MHz)



Sub-G Radiation pattern
Sub G (863-870MHz)



Sub G (902-928MHz)

