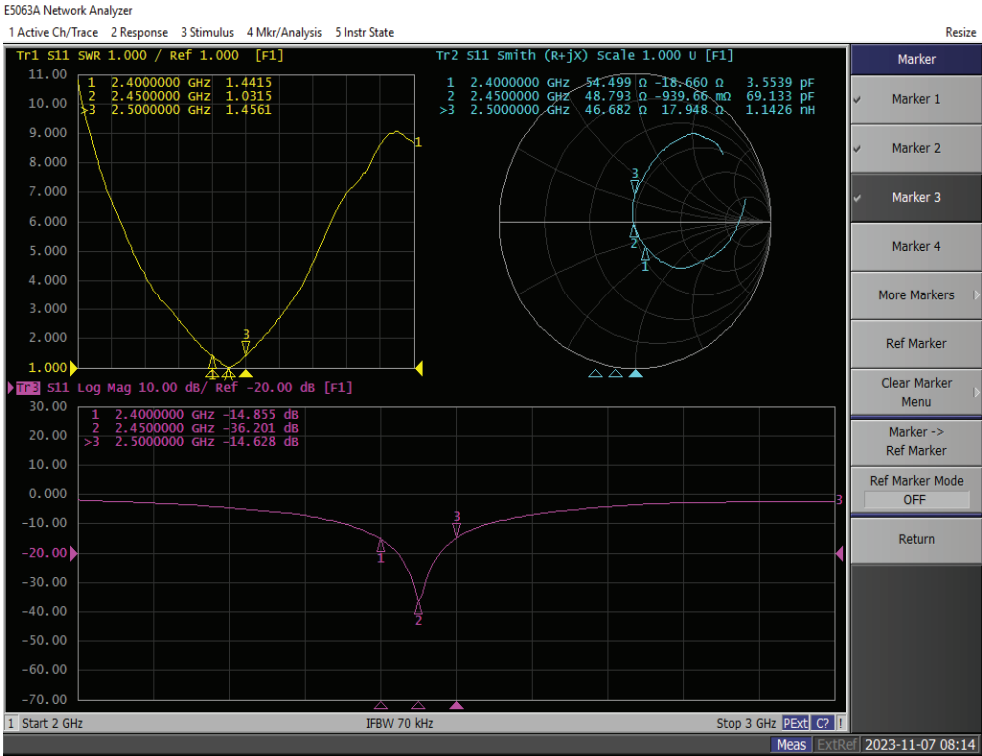


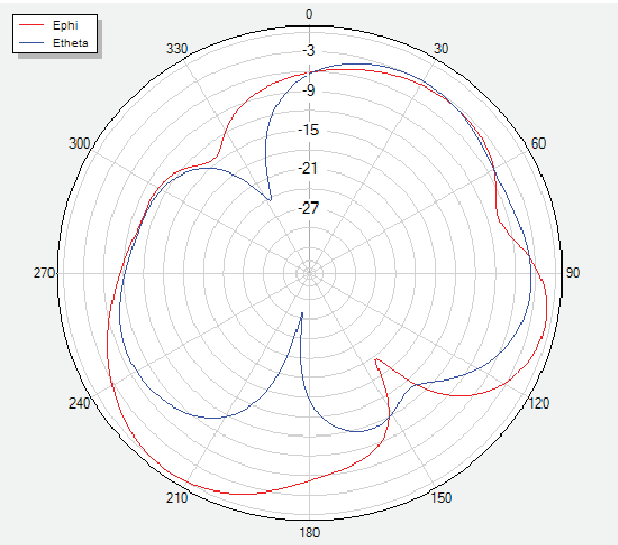
Model: HL31 2.4G WiFi

Manufacturer: Xiamen Milesight IoT Co., Ltd.
Add: Building C09, Software Park Phase III, Xiamen 361024, Fujian, China
Antenna size: 17*6mm

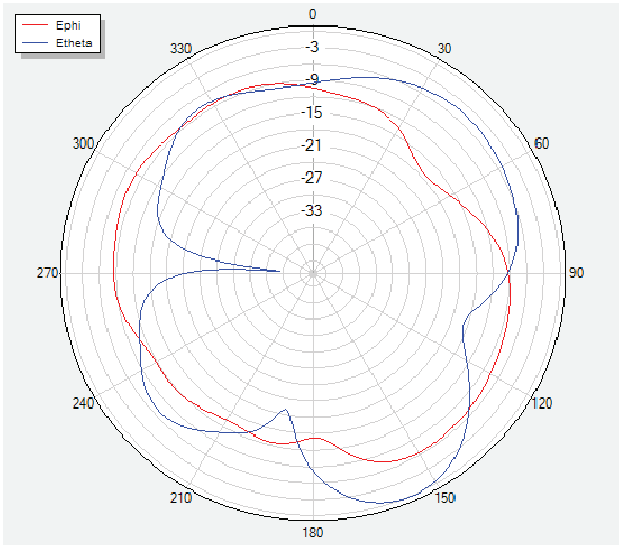


frequency(MHz)	gain(dBi)	Efficiency(dB)	Efficiency(%)
2400	3.72	-2.49	56.39
2405	3.72	-2.47	56.69
2410	3.75	-2.43	57.19
2415	3.78	-2.38	57.81
2420	3.78	-2.42	57.3
2425	3.82	-2.33	58.44
2430	4.03	-2.27	59.34
2435	4.23	-2.13	61.2
2440	4.35	-2.03	62.71
2445	4.35	-2.1	61.64
2450	4.48	-2	63.09
2455	4.44	-2.08	61.95
2460	4.53	-2.18	60.6
2465	4.48	-2.27	59.28
2470	4.24	-2.47	56.57
2475	4.13	-2.63	54.6
2480	4.03	-2.69	53.77
2485	4.16	-2.59	55.03
2490	4.23	-2.58	55.17
2495	4.14	-2.71	53.52
2500	4.08	-2.82	52.26

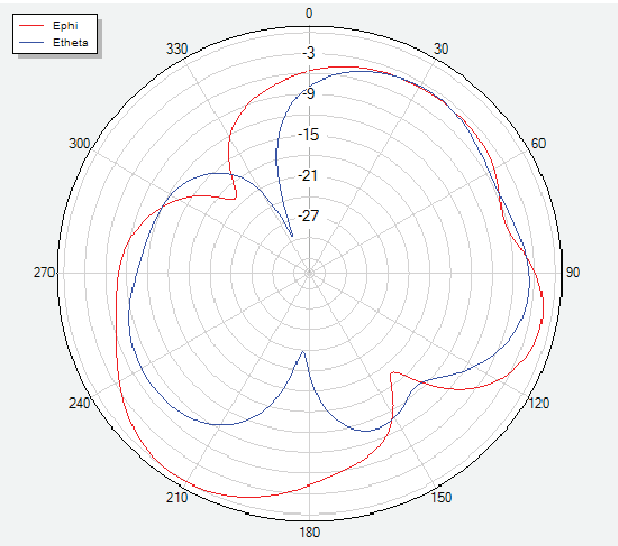
Theta=90 freq=2400MHz



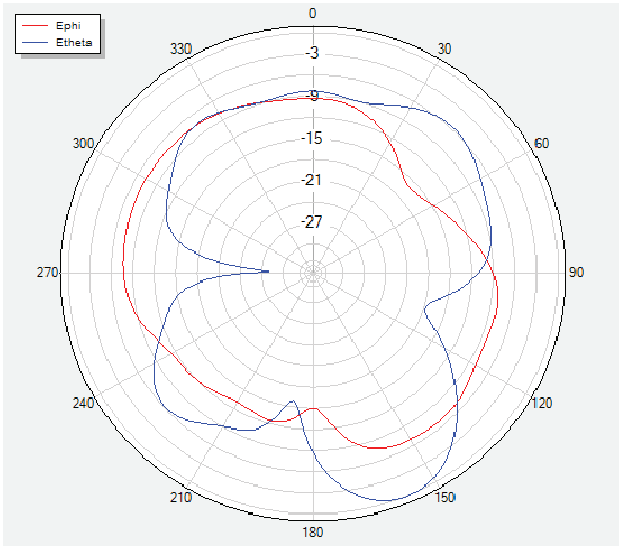
Phi=0 freq=2400MHz



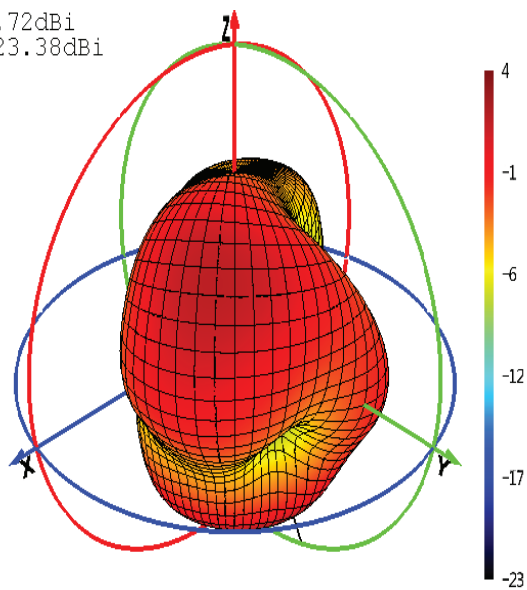
Theta=90 freq=2500MHz



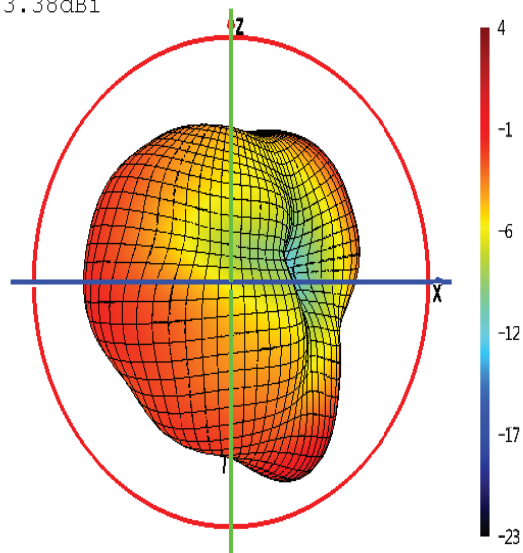
Phi=0 freq=2500MHz



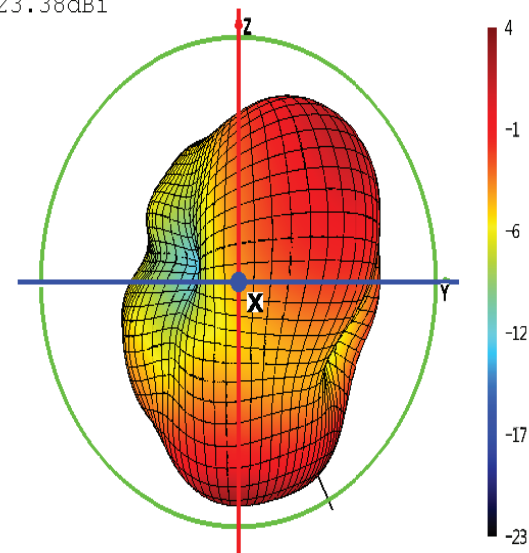
MAX:3.72dBi
MIN:-23.38dBi



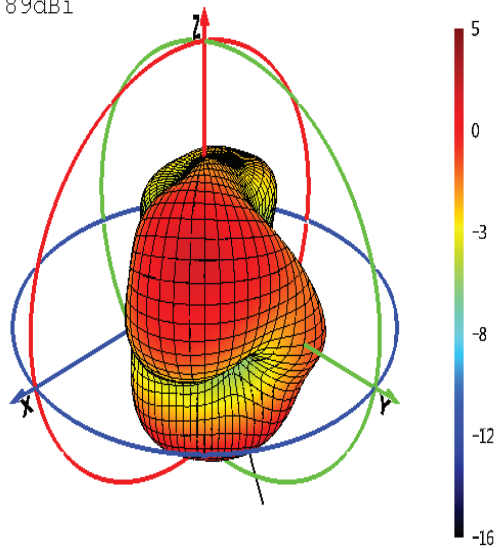
MAX:3.72dBi
MIN:-23.38dBi



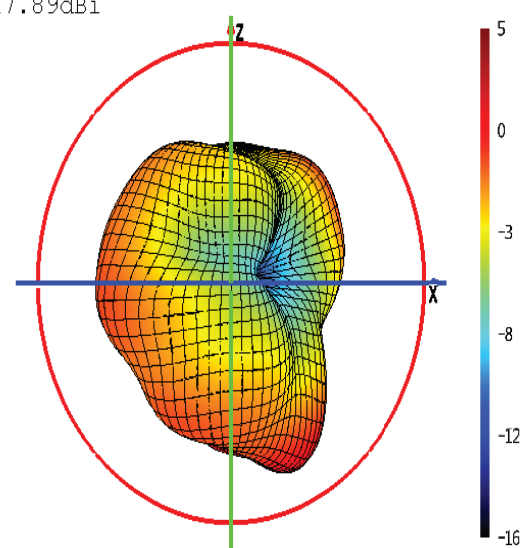
MAX:3.72dBi
MIN:-23.38dBi



MAX:4.08dBi
MIN:-17.89dBi



MAX:4.08dBi
MIN:-17.89dBi



MAX:4.08dBi
MIN:-17.89dBi

