

Shenzhen yGalax Technologies Limited

sample approval

Customer name: Shenzhen Minter technology Co.,ltd

ITEM name: AR20SE

Sample name: YX-AR20SE-WIFI-V2.0

VISON/COLOR: V2.0/black

SIGN DATE: 2022.12.02

项目频段信息: WIFI:2.4G/5G
frequency band information:2.4G/5G

WIFI-2.4G天线效率与增益
WIFI-2.4G antenna efficiency and gain

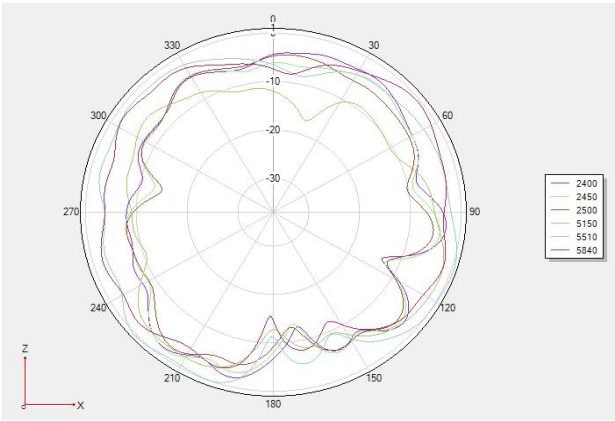
Frequency / MHz	Efficiency / %	Gain/ dBi
2400	35.85	1.6
2410	38.28	1.64
2420	37.67	1.85
2430	39.54	2.21
2440	39.63	1.88
2450	42.27	2.26
2460	39.81	2.1
2470	42.66	2.46
2480	43.15	2.28
2490	42.85	2.05
2500	42.17	2.07

WIFI-5G天线效率与增益
WIFI-5G antenna efficiency and gain

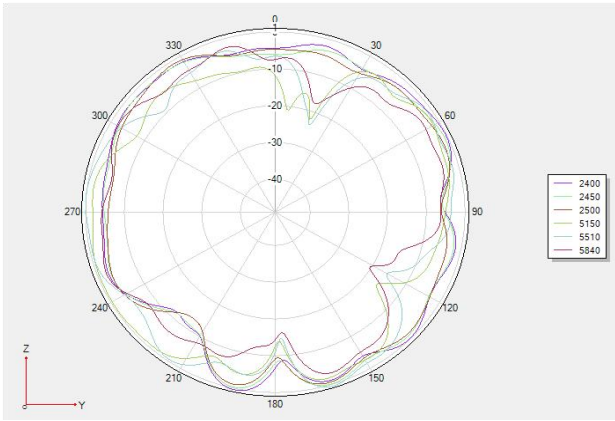
Frequency / MHz	Efficiency / %	Gain/ dBi	Frequency / MHz	Efficiency / %	Gain/ dBi
5000	25.53	1.72	5510	51.52	2.94
5030	28.25	1.78	5540	51.05	2.92
5060	29.65	1.97	5570	50.12	2.8
5090	32.73	1.98	5600	48.08	2.68
5120	33.04	2.14	5630	45.81	2.57
5150	37.76	2.34	5660	44.36	2.44
5180	41.02	3.02	5690	42.66	2.42
5210	41.21	3.25	5720	40.46	2.16
5240	43.05	3.51	5750	37.07	1.94
5270	42.95	3.47	5780	36.56	1.74
5300	46.03	3.76	5810	33.88	1.73
5330	45.6	3.7	5840	31.77	1.69
5360	49.32	4.07	5870	31.12	1.67
5390	50.93	4.14	5900	28.31	1.52
5420	53.09	4.01			
5450	54.2	3.79			
5480	52.84	3.32			

WIFI:2.4G/5G（2D方向图）/WIFI:2.4G/5G（2D Photo）

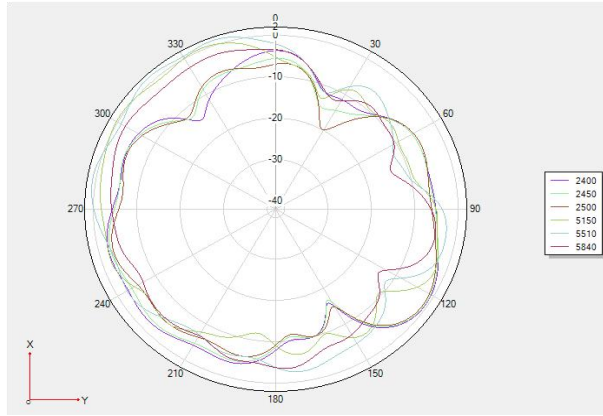
Phi 0 2D图



Phi 90 2D Photo

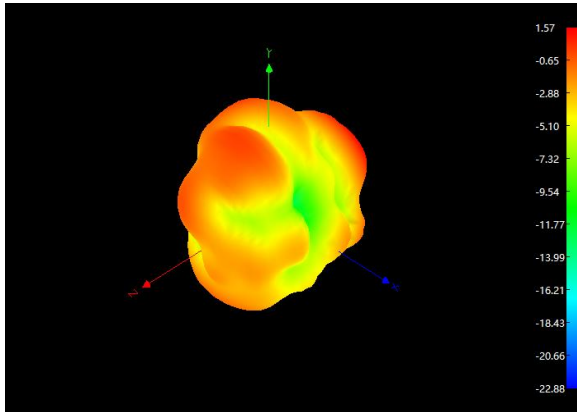


Theta 90 2D Photo

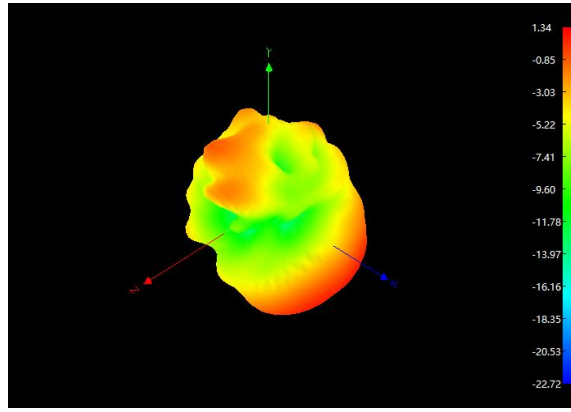


WIFI:2.4G/5G (3D Photo

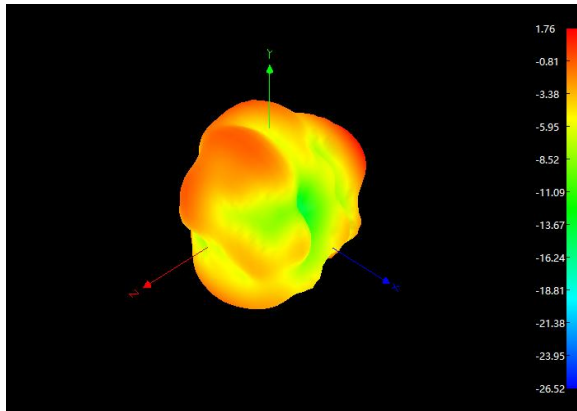
2400MHz



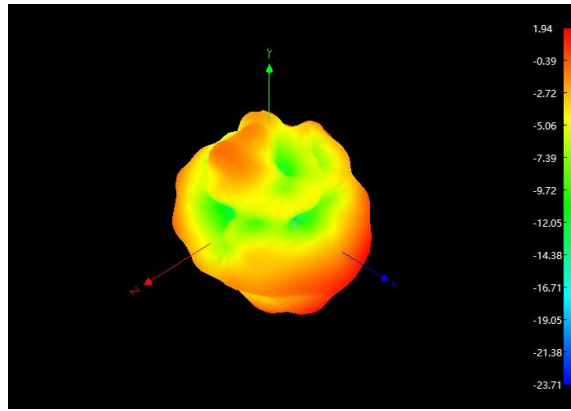
5150MHz



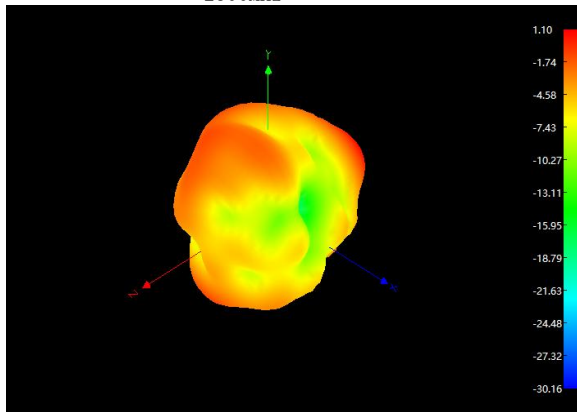
2450MHz



5500MHz



2500MHz



5850MHz

