

Shenzhen yGalax Technologies Limited

sample approval

Customer name: Shenzhen Zhongke Xinhua intelligent
Technology Co., LTD

ITEM name: Mini-F10

Customer Material code: YX-Mini_F10-WIFI-2.4G-V1.0
YX-Mini_F10-WIFI-5.8G-V1.0

VISON/COLOR: black

SIGN DATE: 2023.09.26

supply check	made	RD	MD	QC

customer check	PROJECT	FACE	MD	QC

CONCLUSION	☐ MP ☐ Restricted use () K
------------	--

☐ ROHS

supply nme: Shenzhen yGalax Technologies Limited

add: Unit F, 4/F, Block A, Junxiangda Plaza, Zhongshanyuan Road, Nanshan
District Shenzhen, China518000

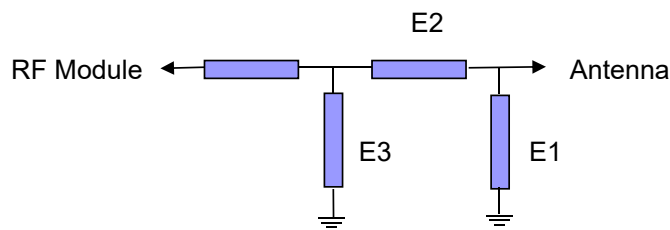
TEL: 0755-86 696901

fax: 0755-86 696901

Packaging method Antenna performance parameters and precautions

Band information: 2.4G-WiFi; 5G-WiFi

ANTE. matching

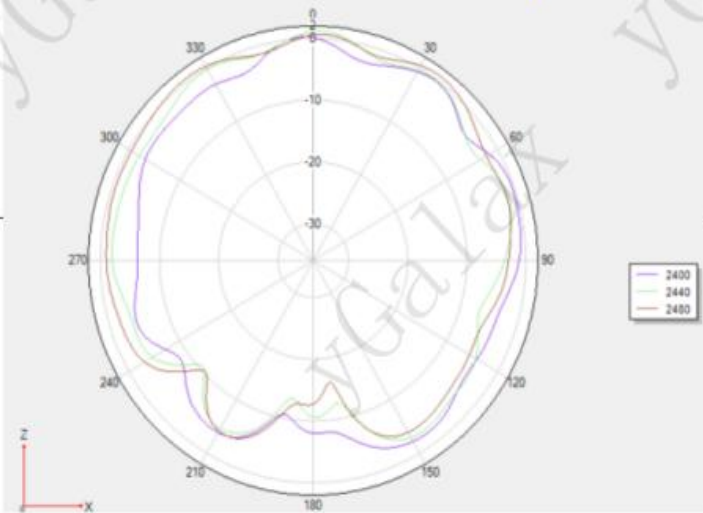
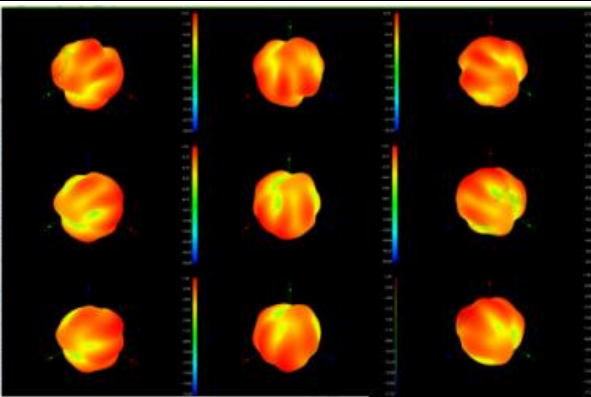


WiFi天线	Elemen	Value
	E1	N/A
	E2	0 ohm
	E3	N/A

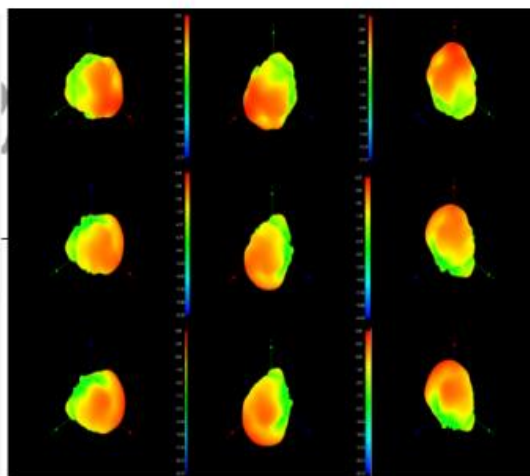
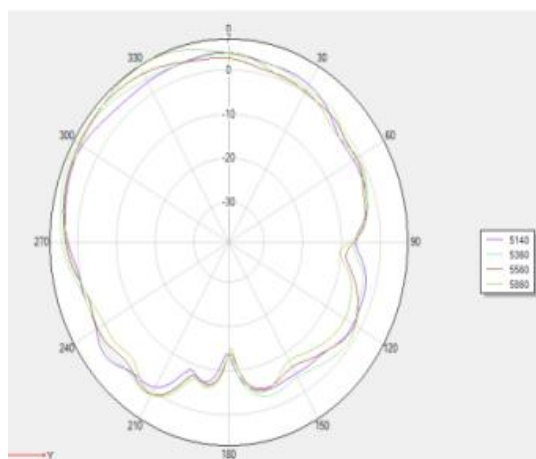
mark: no modification!

Ante passive parameters

Frequency	Efficiency	Efficiency	Gain/dBi
2400	-3.16	48.31	0.75
2410	-2.87	51.64	2.27
2420	-2.99	50.23	1.01
2430	-2.75	53.09	1.61
2440	-2.85	51.88	1.18
2450	-2.58	55.21	1.29
2460	-2.56	55.46	1.43
2470	-2.37	57.94	1.31
2480	-2.41	57.41	1.34
2490	-2.47	56.62	1.06
2500	-2.55	55.59	0.93



Frequency	Efficiency	Efficiency	Gain/dBi	Frequency	Efficiency	Efficiency	Gain/dBi
5000	-1.56	69.82	5.09	5500	-1.09	67.8	6.13
5020	-1.42	62.11	5.38	5520	-1.18	66.21	5.89
5040	-1.41	62.28	5.45	5540	-1.13	67.09	5.95
5060	-1.37	62.95	5.5	5560	-1.13	67.09	5.89
5080	-1.36	63.11	5.43	5580	-1.09	67.8	5.89
5100	-1.21	65.68	5.47	5600	-1.15	66.74	5.75
5120	-1.25	64.99	5.21	5620	-1.11	67.45	5.7
5140	-1.26	64.82	5.03	5640	-1.13	67.09	5.66
5160	-1.32	63.79	5.09	5660	-1.18	66.21	5.65
5180	-1.34	63.45	5.22	5680	-1.27	64.64	5.68
5200	-1.38	62.78	5.31	5700	-1.3	64.13	5.72
5220	-1.36	63.11	5.41	5720	-1.4	62.44	5.75
5240	-1.44	61.78	5.43	5740	-1.45	61.61	5.85
5260	-1.41	62.28	5.57	5760	-1.31	63.96	6.18
5280	-1.44	61.78	5.62	5780	-1.37	62.95	6.36
5300	-1.32	63.79	5.76	5800	-1.34	63.45	6.58
5320	-1.2	65.86	5.9	5820	-1.31	63.96	6.77
5340	-1.04	68.7	6.17	5840	-1.22	65.51	7
5360	-1.06	68.34	6.3	5860	-1.21	65.68	7.09
5380	-0.98	69.8	6.45	5880	-1.16	66.56	7.21
5400	-1	69.43	6.44	5900	-1.2	65.86	7.24
5420	-1.01	69.25	6.45	5920	-1.15	66.74	7.34
5440	-1.07	68.16	6.35	5940	-1.12	67.27	7.38
5460	-0.97	69.98	6.42	5960	-1.17	66.38	7.31
5480	-1.09	67.8	6.26	5980	-1.22	65.51	7.25
				6000	-1.3	64.13	7.15



Antenna placement position

