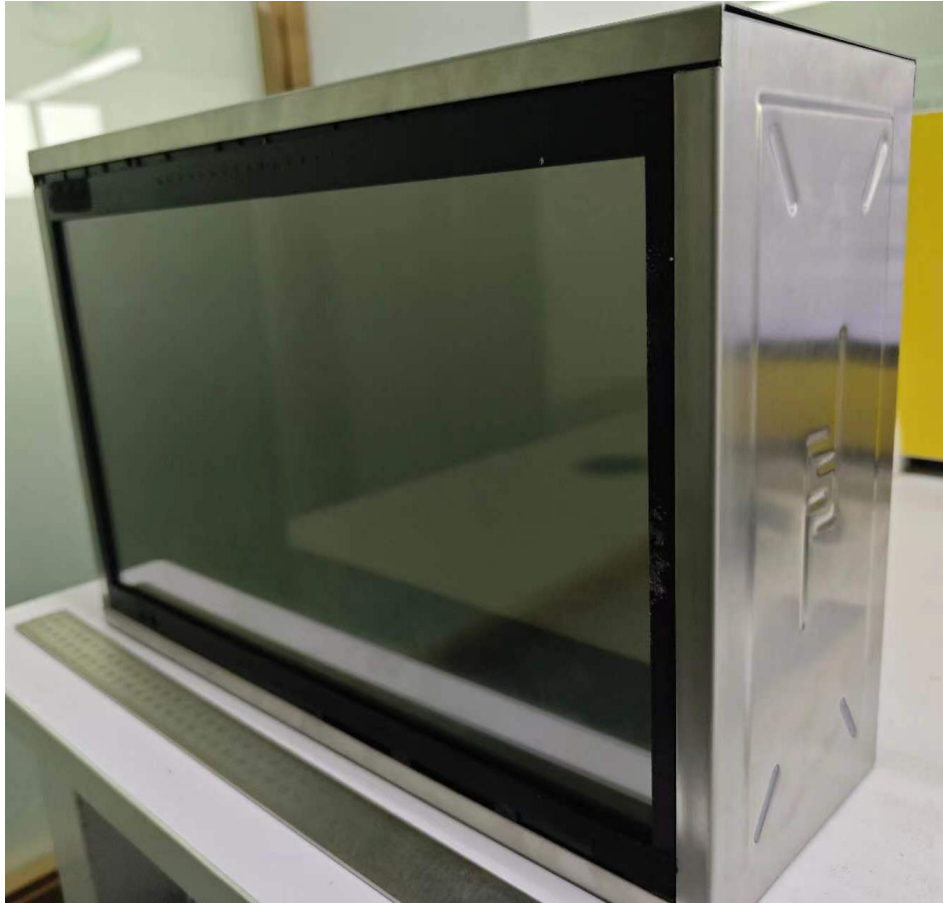


Model:JD156H-B07

Suzhou ShaoHao Tech Co., Ltd.

Jinfeng Business Creative Center, Wuzhong District, Suzhou City, Jiangsu Province, China



PCBA RF test data

WIFI	CH	TRP(54M)	TIS(54M)
802.11A	149	12.48	-72
	157	13.12	-71
	165	14.19	-71
WIFI	CH	TRP(11M)	TIS(11M)
802.11B	1	16.31	-80
	6	16.35	-82
	13	15.10	-83

WIFI	CH	TRP(54M)	TIS(54M)
802.11G	1	15.91	-72
	6	15.18	-72
	13	14.81	-72
WIFI	CH	TRP(MSC7)	TIS(MSC7)
802.11N	1	16.10	-68
	6	15.23	-71
	13	14.95	-72

PCBA RF test data

WIFI	CH	TRP(40M,MCS55)	TIS(40M,MCS5)
802.11AC	149	12.15	-70
	161	13.09	-69
WIFI	CH	TRP(40M,MSC5)	TIS(40M,MCS5)
802.11AX	149	12.15	-69
	161	12.01	-69

OTA darkroom test data

WIFI	CH	TRP(54M)	TIS(54M)
802.11A	149	8.03	-67.79
	157	8.98	-67.39
	165	9.34	-68.13
WIFI	CH	TRP(11M)	TIS(11M)
802.11B	1	10.42	-76.49
	6	10.40	-79.70
	13	10.55	-79.63

WIFI	CH	TRP(54M)	TIS(54M)
802.11G	1	10.38	-67.51
	6	9.59	-67.05
	13	9.53	-67.20
WIFI	CH	TRP(MSC7)	TIS(MSC7)
802.11N	1	8.08	-62.06
	6	8.87	-65.46
	13	9.47	-65.76

OTA darkroom test data

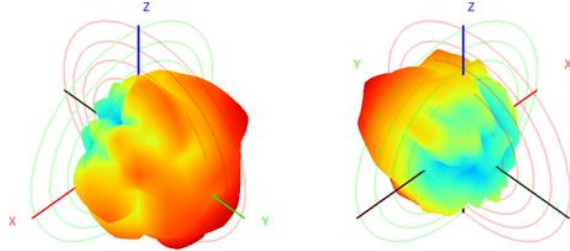
WIFI	CH	TRP(40M,MCS55)	TIS(40M,MCS5)
802.11AC	149	8.01	-65.32
	161	8.45	-65.83
WIFI	CH	TRP(40M,MSC5)	TIS(40M,MCS5)
802.11AX	149	8.24	-65.35
	161	8.63	-65.57

2.4G Passive test data

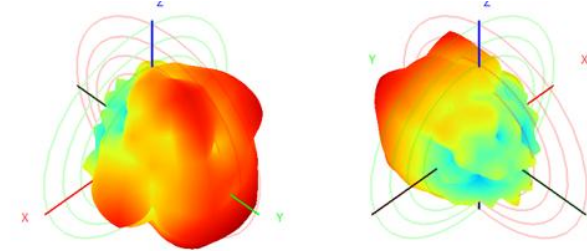
Passive Test For 2400-2500MHz			
Freq	Effi	Effi	Gain
(MHz)	(%)	(dB)	(dBi)
2400	42.02	-3.77	3.54
2410	42.67	-3.70	3.45
2420	43.58	-3.61	3.34
2430	43.41	-3.62	3.06
2440	44.62	-3.50	3.07
2450	45.17	-3.45	3.24
2460	44.97	-3.47	3.54
2470	44.03	-3.56	3.71
2480	44.17	-3.55	3.87
2490	43.90	-3.58	3.93
2500	43.80	-3.59	4.10

2.4G Passive test data Field diagram

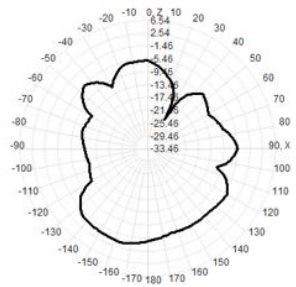
Radiation Patterns (2400MHz)



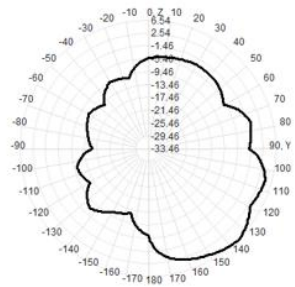
Radiation Patterns (2450MHz)



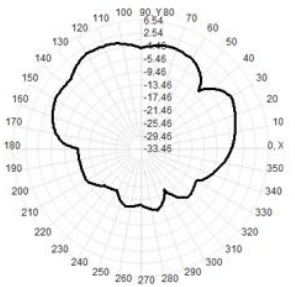
Total(E1-XZ)



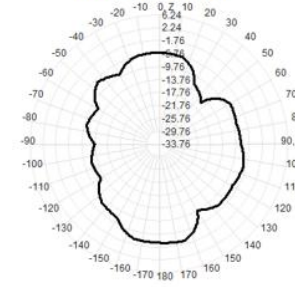
Total(E2-YZ)



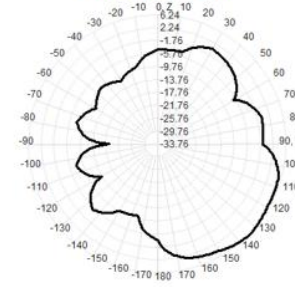
Total(H-XY)



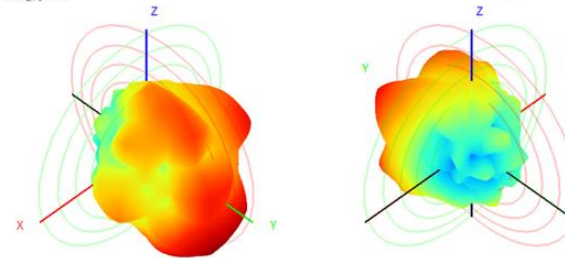
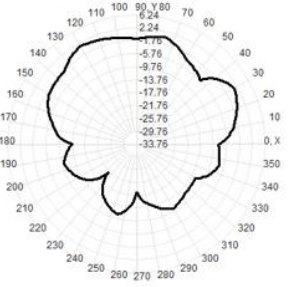
Total(E1-XZ)



Total(E2-YZ)

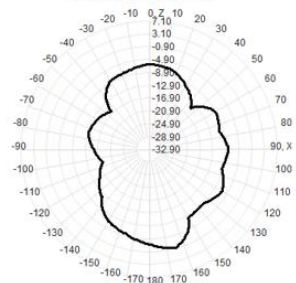


Total(H-XY)

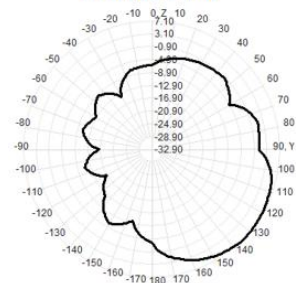


Radiation Patterns (2500MHz)

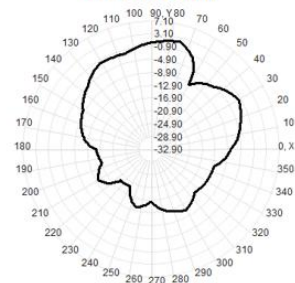
Total(E1-XZ)



Total(E2-YZ)



Total(H-XY)

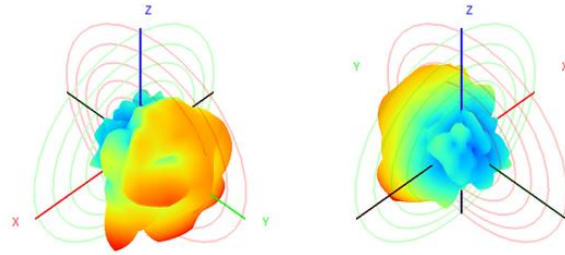


5G Passive test data

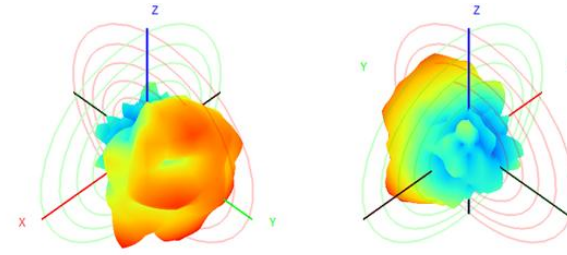
Passive Test For 5150-5850MHz			
Freq	Effi	Effi	Gain
(MHz)	(%)	(dB)	(dBi)
5150	36.29	-4.40	3.49
5200	35.69	-4.48	3.50
5250	45.82	-3.39	3.35
5300	44.93	-3.47	4.22
5350	32.84	-4.84	2.64
5400	36.93	-4.33	4.31
5450	40.97	-3.88	4.74
5500	33.09	-4.80	2.60
5550	36.39	-4.39	3.68
5600	41.75	-3.79	3.81
5650	38.45	-4.15	4.75
5700	37.63	-4.24	4.14
5750	42.55	-3.71	4.76
5800	40.37	-3.94	4.69
5850	36.46	-4.38	3.64

5G Passive test data Field diagram

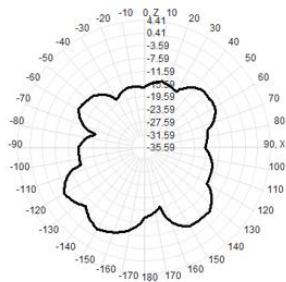
Radiation Patterns (5150MHz)



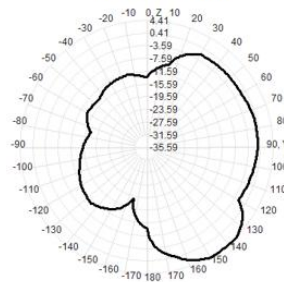
Radiation Patterns (5500MHz)



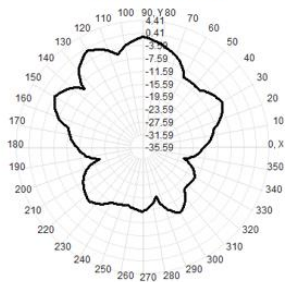
Total(E1-XZ)



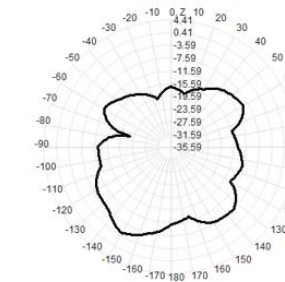
Total(E2-YZ)



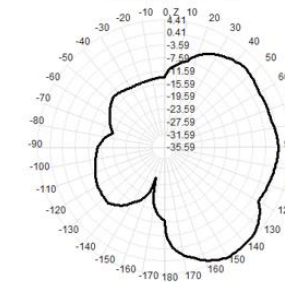
Total(H-XY)



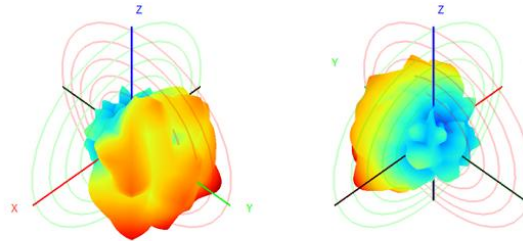
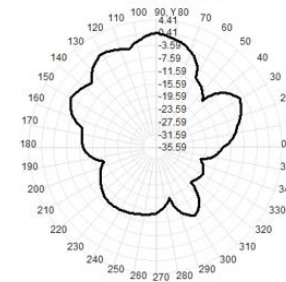
Total(E1-XZ)



Total(E2-YZ)

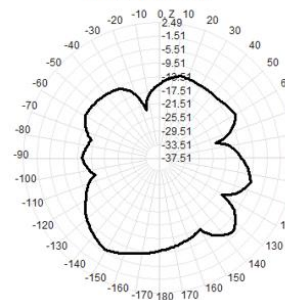


Total(H-XY)

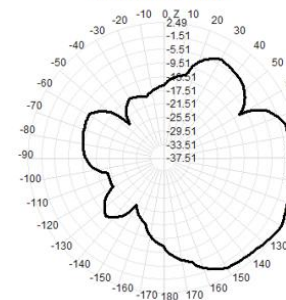


Radiation Patterns (5850MHz)

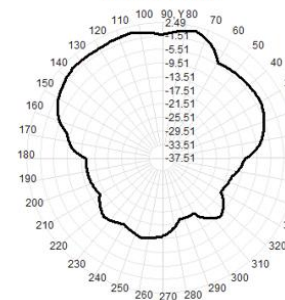
Total(E1-XZ)



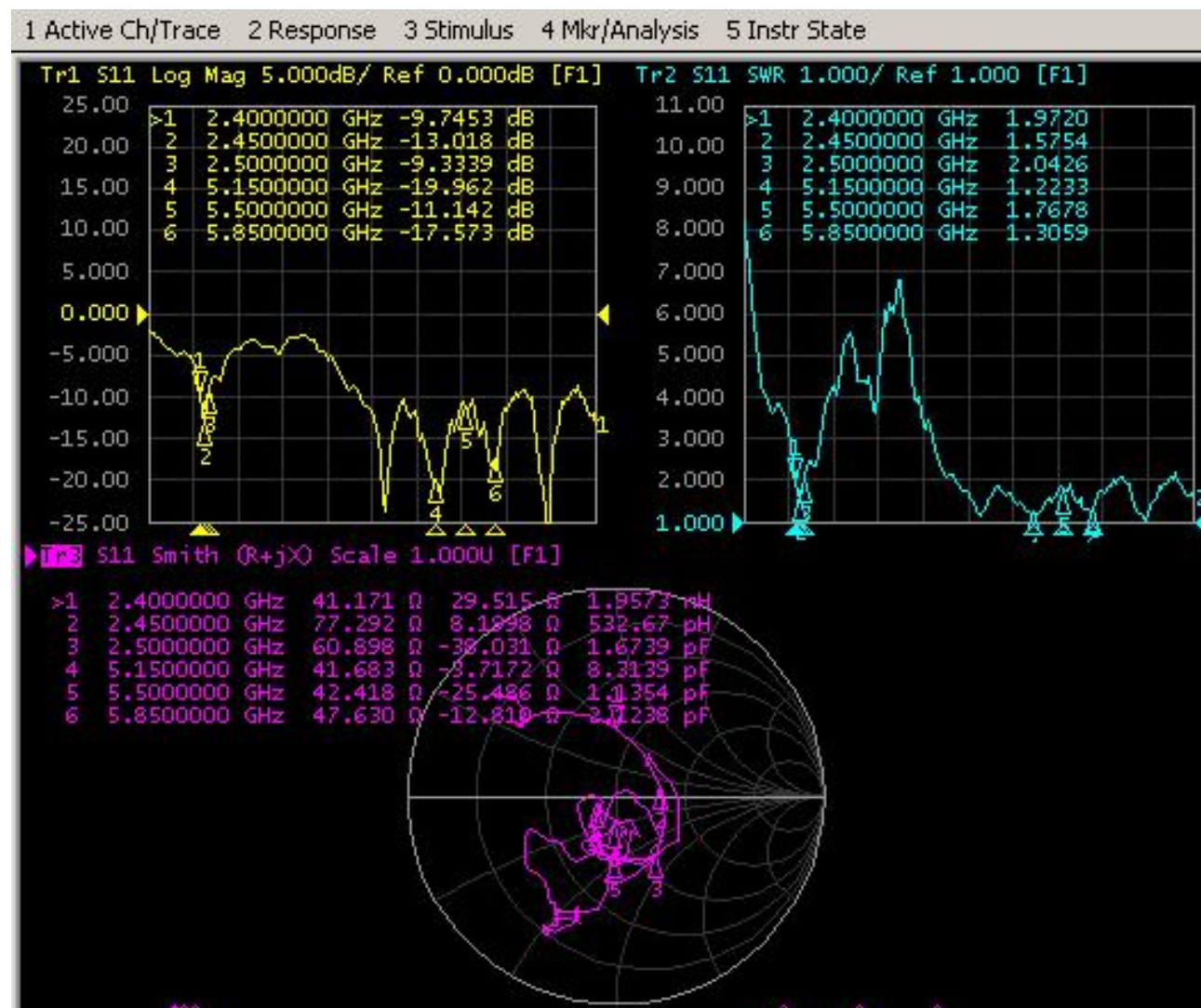
Total(E2-YZ)



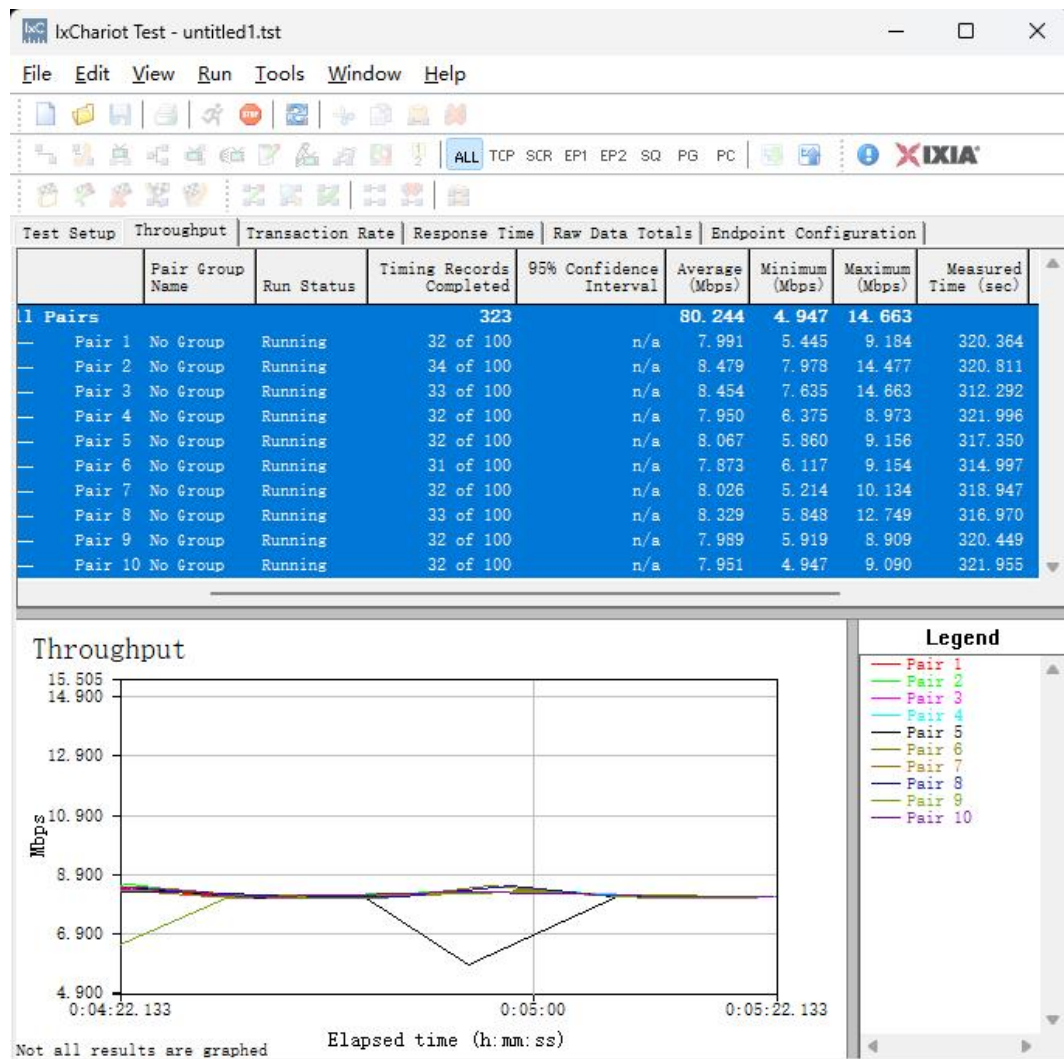
Total(H-XY)



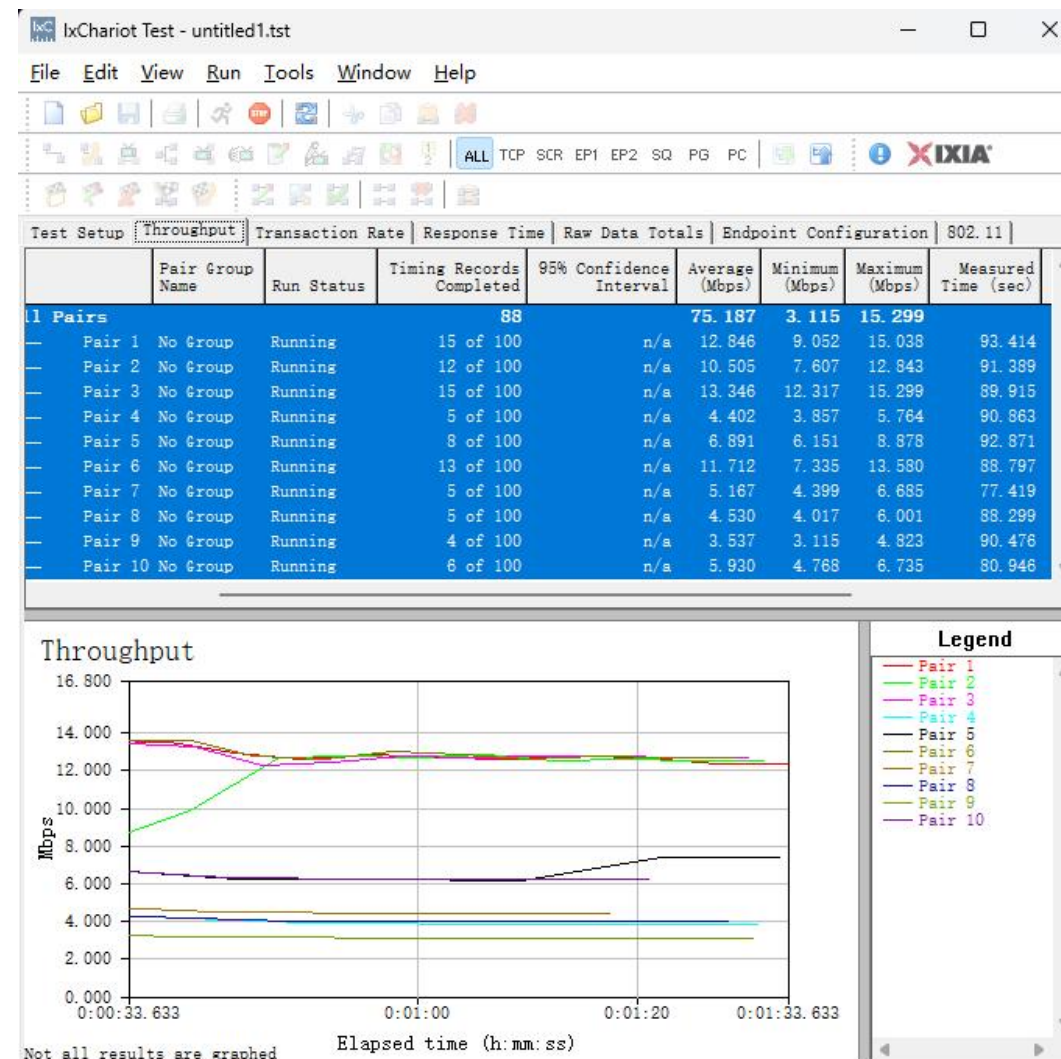
Passive test standing wave diagram



2.4G WiFi throughput test

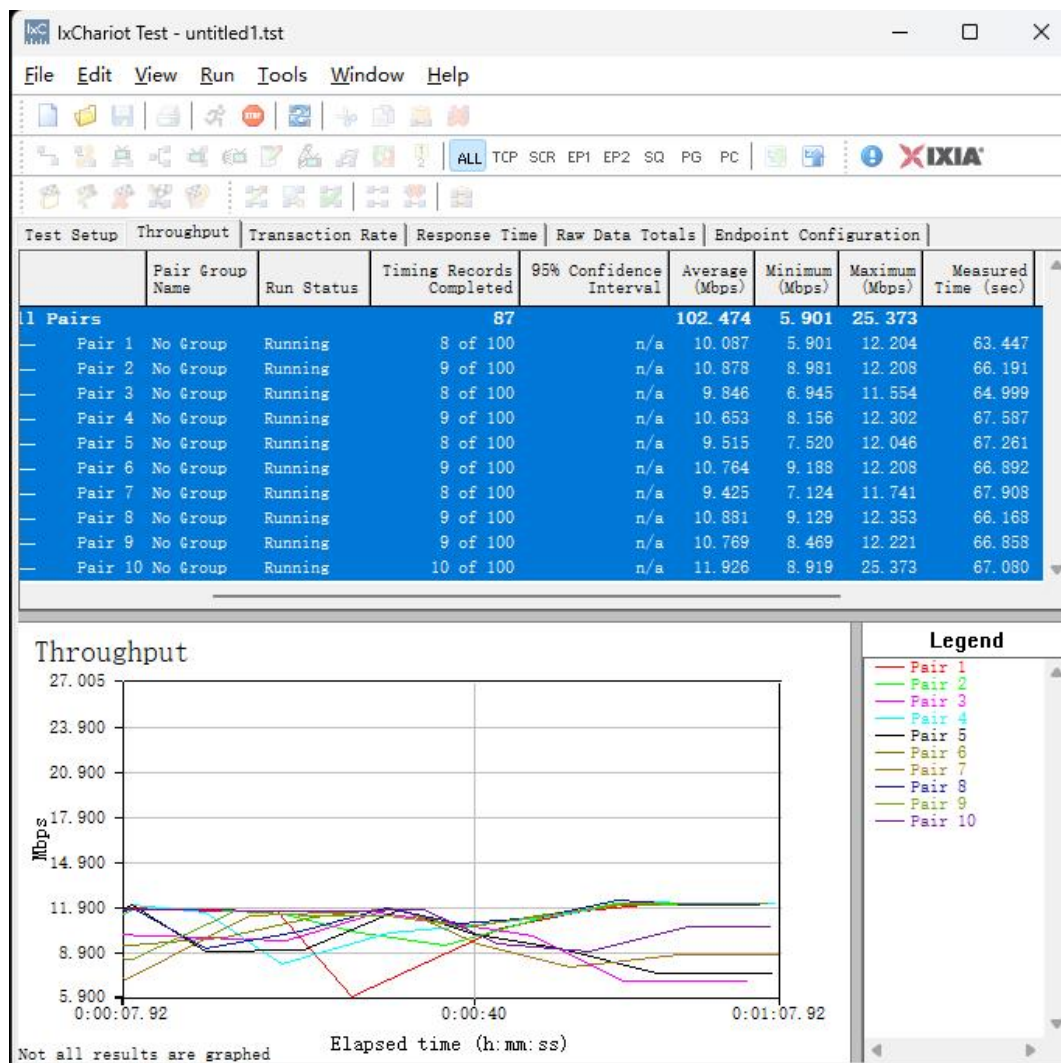


2.4G-TX:80Mbps

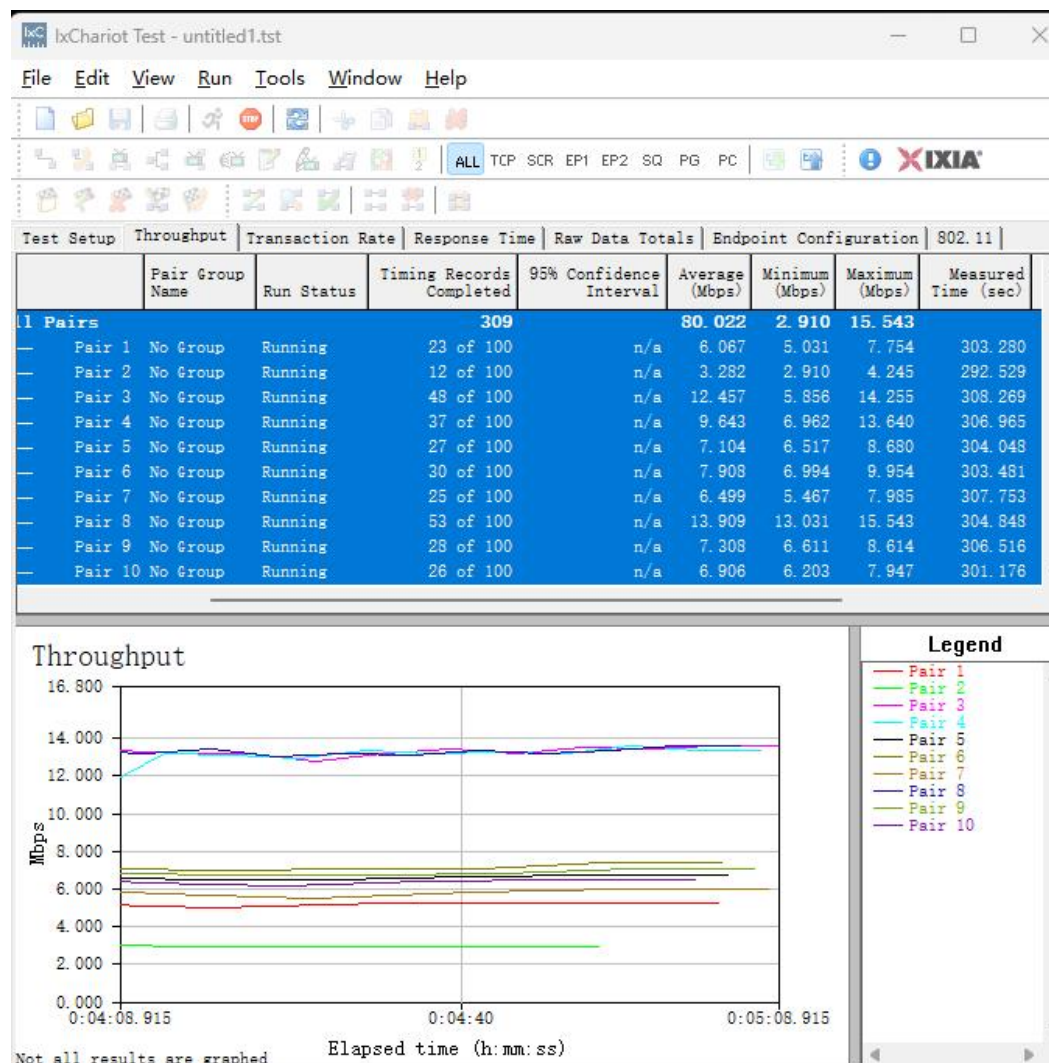


2.4G-RX:75Mbps

5.8G WiFi throughput test

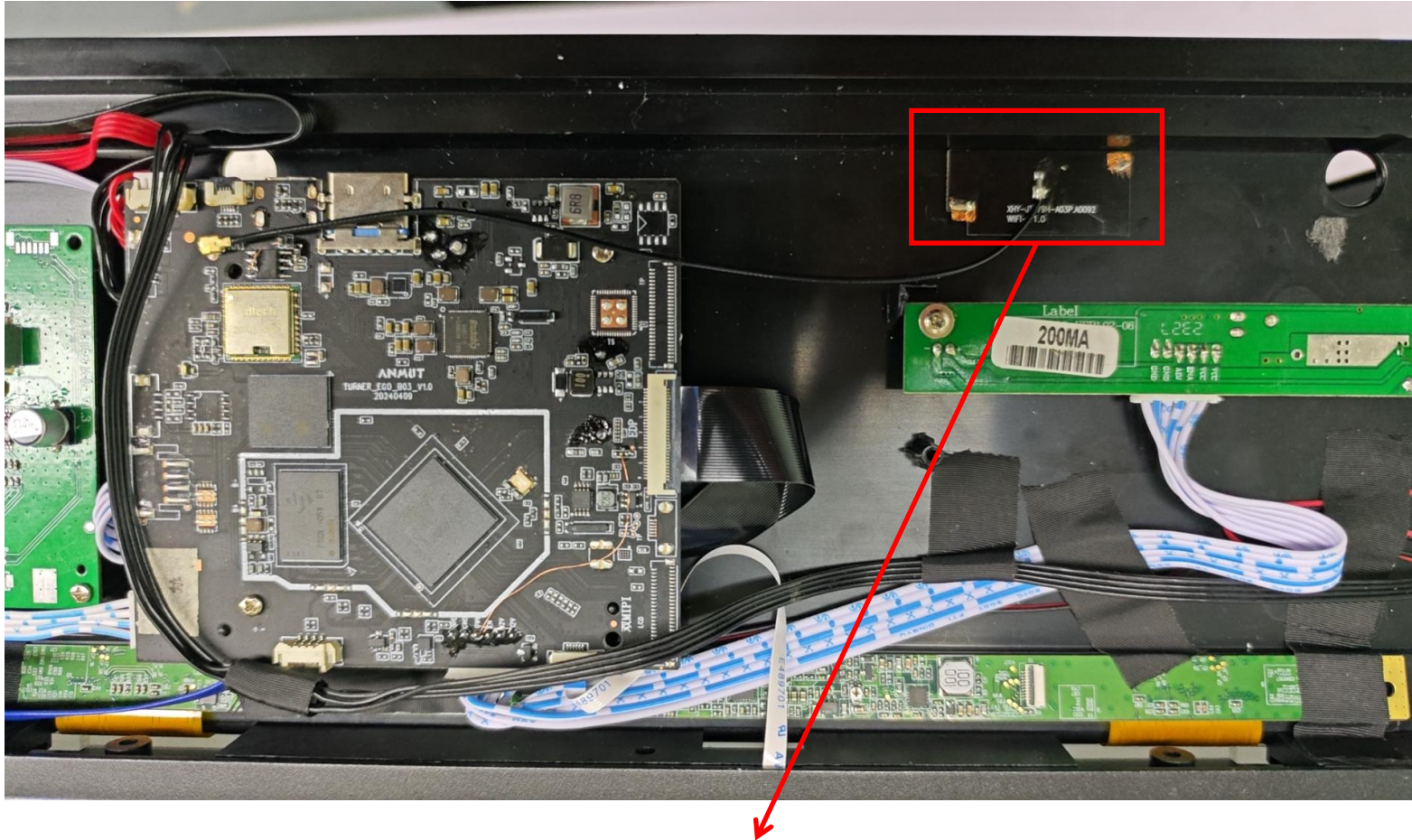


5.8G-TX:102Mbps



5.8G-RX:80Mbps

Antenna placement position



The WiFi antenna is attached to the position shown in the picture