



YONG CHENG INTERNATIONAL(OTA)

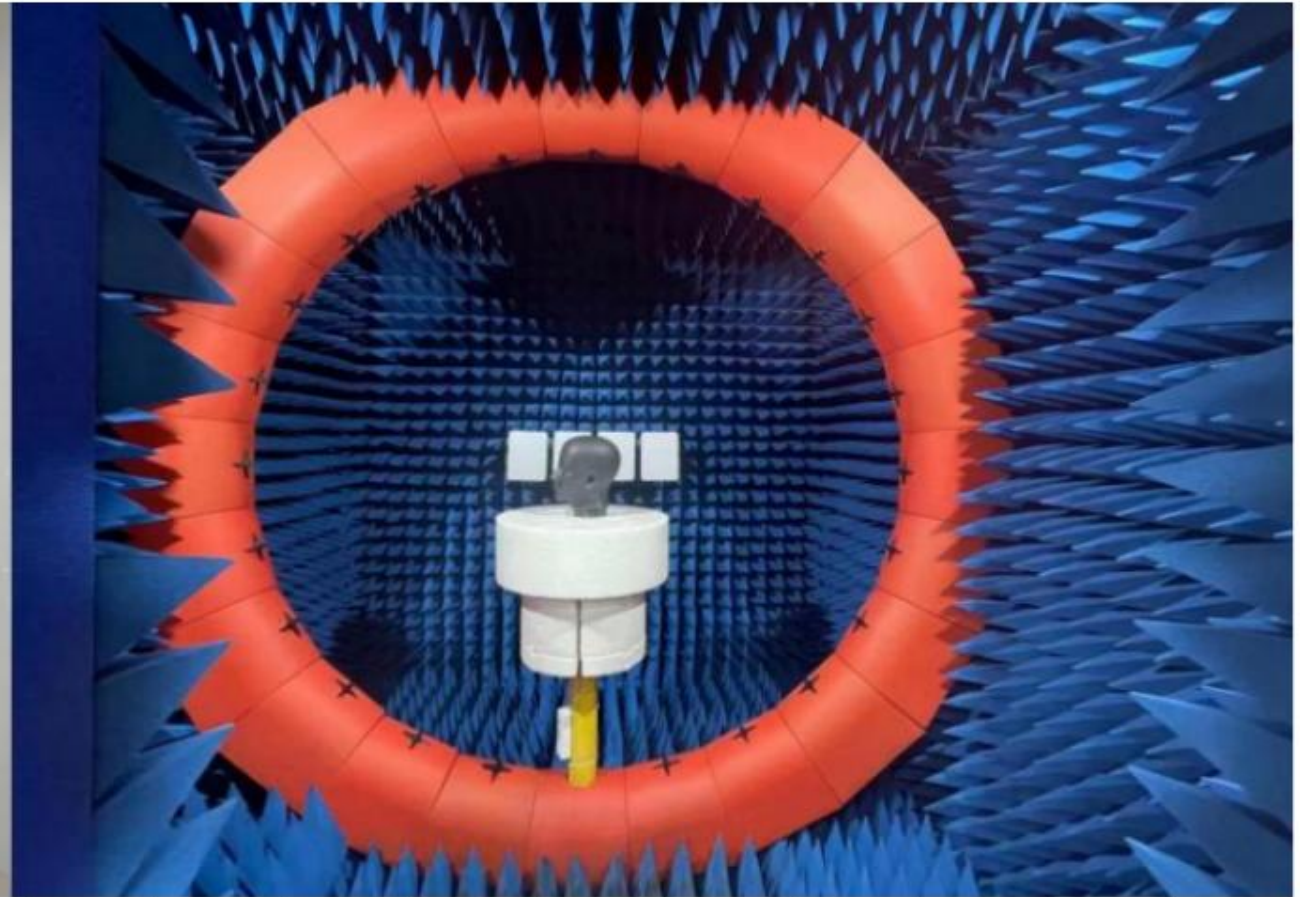
PM183调测报告

Antenna Test Report



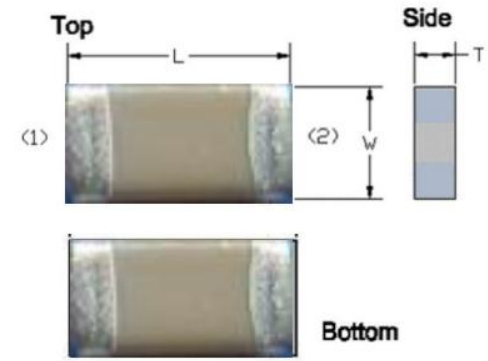
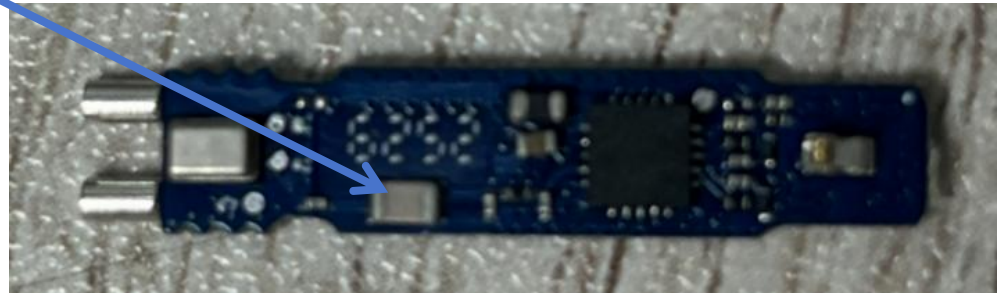
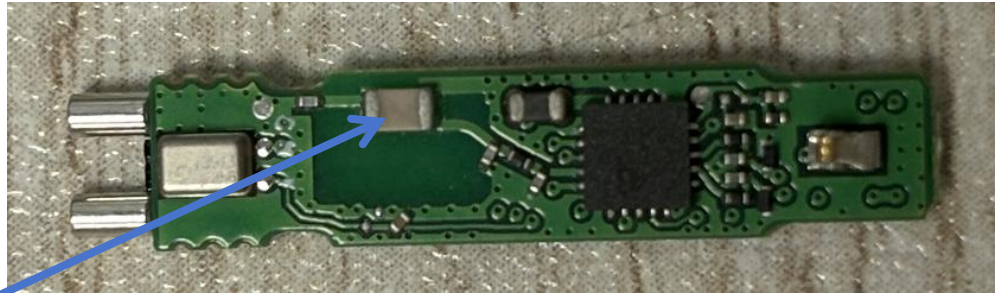
Test Tool

Vector Network Analyzer&integrated	Agilent Technologies E5071 & R&S CMW500
OTA testing system	Atenlab M3
test engineer	CK
temperature	25℃
humidity	62%(RH)





chip ANT



Dimension (mm)	
L	2.05+-0.10
W	1.20+-0.10
T	0.65+-0.10

Manufacturer	Yongcheng International Antenna FactoryRoad
Add	Room 707, Building A, Ruite Science and Technology Park, Xingyu Road, Gushu, Shenzhen City, Guangdong Province

Antenna efficiency gain

天线效率与增益图

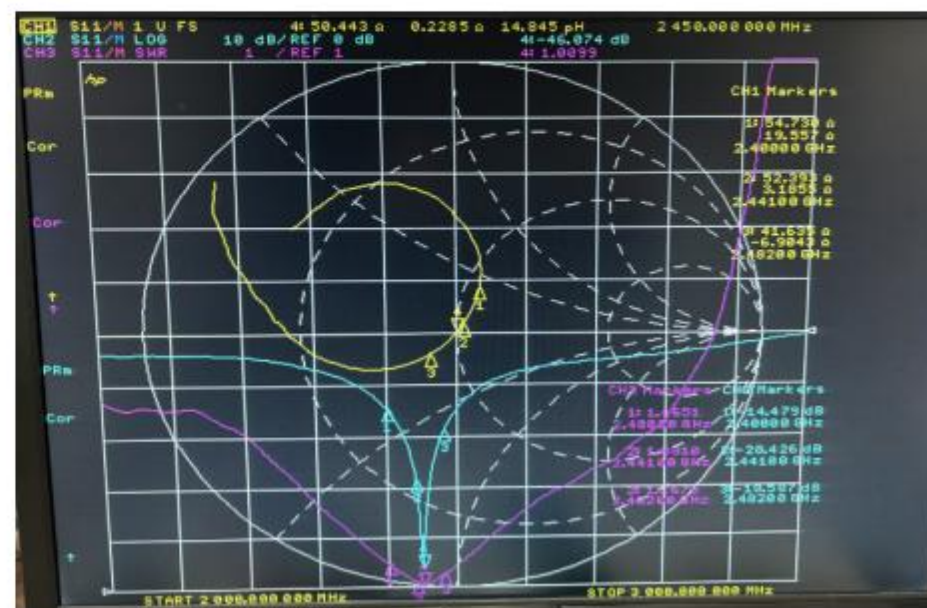
L				R			
Frequency	Effic	Percen	Gain	Frequency	Effic	Percen	Gain
2400	-4.74	33.57%	-1.14	2400	-4.38	36.52%	-1.15
2410	-4.37	36.54%	-0.63	2410	-4.63	34.44%	-1.54
2420	-4.45	35.91%	-0.74	2420	-4.07	39.14%	-1.28
2430	-4.29	37.2%	-0.98	2430	-4.24	37.65%	-1.42
2440	-4.68	34.08%	-1.35	2440	-4.42	36.11%	-1.03
2450	-4.6	34.65%	-1.94	2450	-4.38	36.49%	-1.08
2460	-4.72	33.7%	-2.45	2460	-4.54	35.12%	-1.34
2470	-4.49	35.55%	-2.28	2470	-4.51	35.37%	-1.18
2480	-4.21	37.95%	-1.63	2480	-4.29	37.20%	-1.49
2490	-4.11	38.78%	-1.41	2490	-4.55	35.11%	-1.44
2500	-4.09	39.03%	-1.01	2500	-4.68	34.02%	-1.33

S11、SWR、smith chart:

L

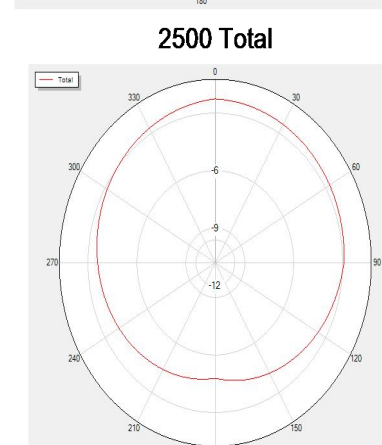
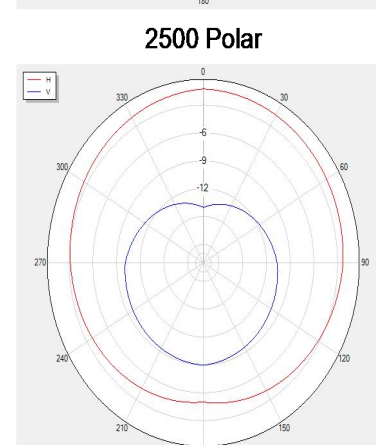
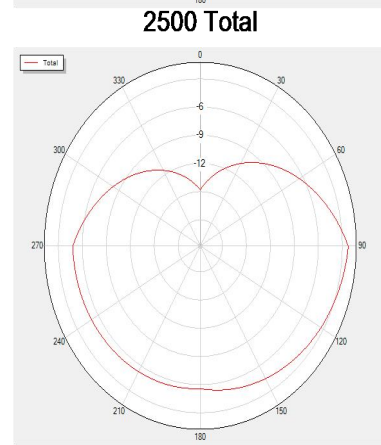
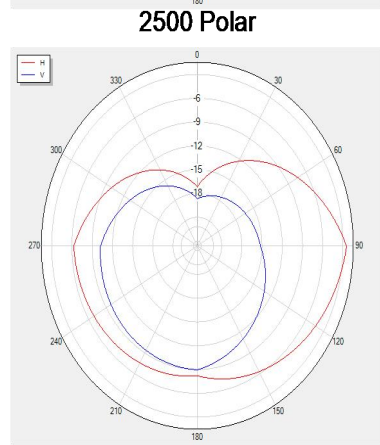
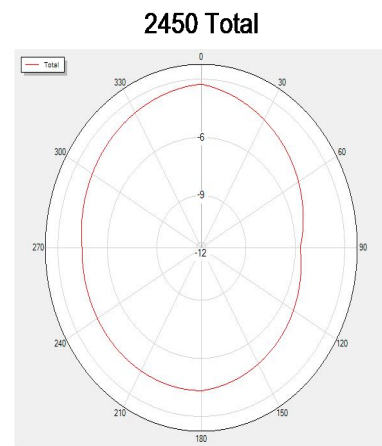
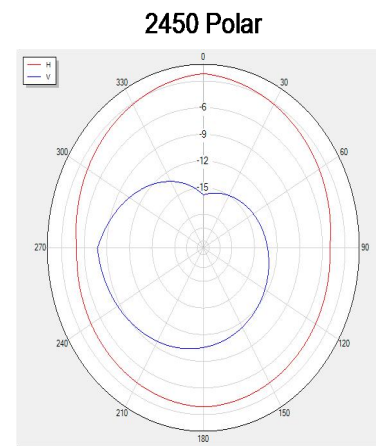
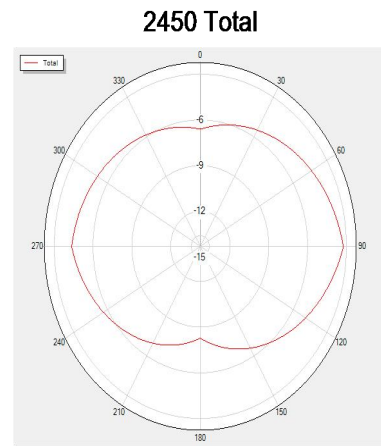
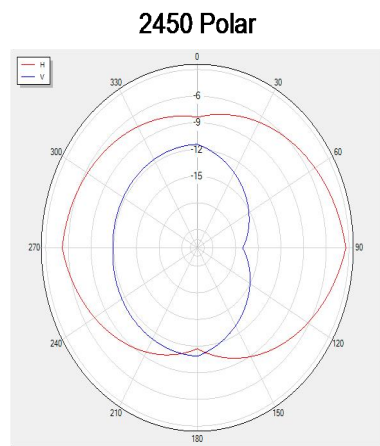
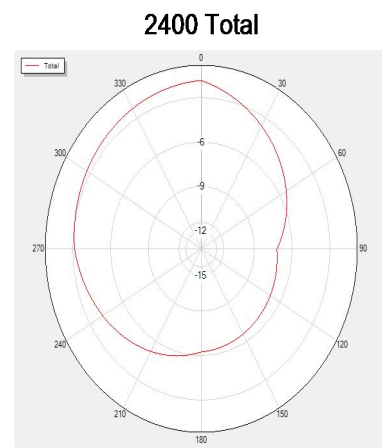
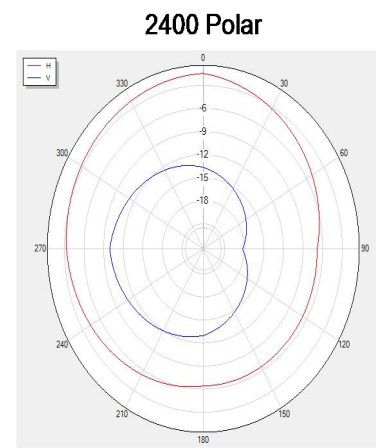
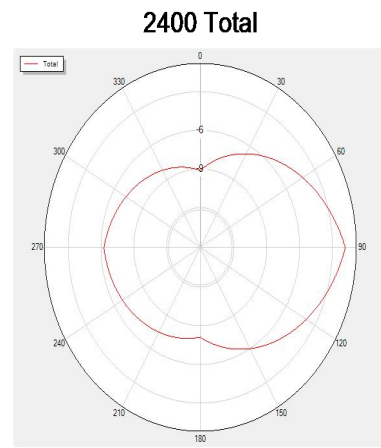
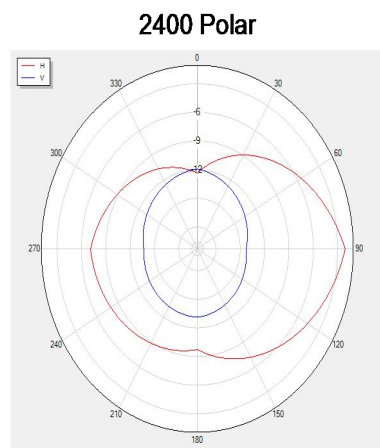


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Antenna active test data

		Free		Human					Free		Human	
2L#	Channel	TRP	TIS	TRP	TIS		2R#	Channel	TRP	TIS	TRP	TIS
	CH 0	5	-88.92	-6.86	-80.76			CH 0	4.45	-89.28	-6.65	-81.78
	CH 39	5.64	-89.27	-6.57	-82.05			CH 39	5.11	-90.55	-6.32	-82.76
	CH 78	5.97	-91.05	-7.36	-81.57			CH 78	7.02	-89.35	-7.96	-81.74
		Free		Human					Free		Human	
3L#	Channel	TRP	TIS	TRP	TIS		3R#	Channel	TRP	TIS	TRP	TIS
	CH 0	5.21	-89.48	-6.93	-81.01			CH 0	5.71	-89.98	-6.87	-81.69
	CH 39	5.78	-90.6	-7.36	-82.91			CH 39	5.51	-91.12	-7.36	-82.86
	CH 78	7.69	-91.06	-7.69	-82.26			CH 78	6.53	-91.73	-6.83	-82.81



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Thank you for watching

Wish you enjoy your life

