



ATU1650 BT ANTENNA TEST REPORT

Driving Smarter IoT

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Antenna Physical Dimension



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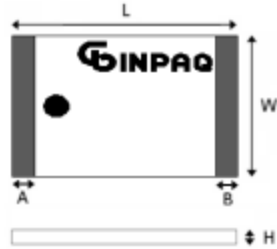
VSWR



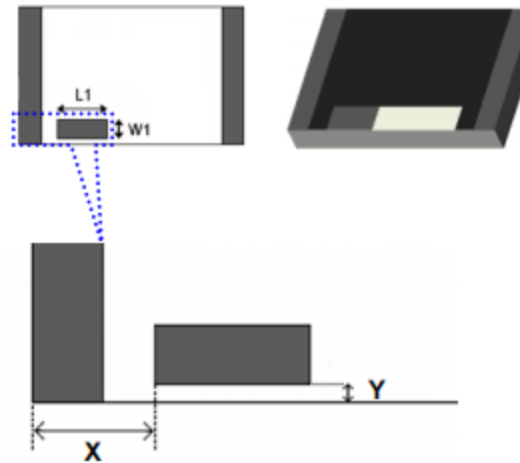
PASSIVE EFFICIENCY & PEAK GAIN

Physical Dimension : (Unit:mm)

TOP view

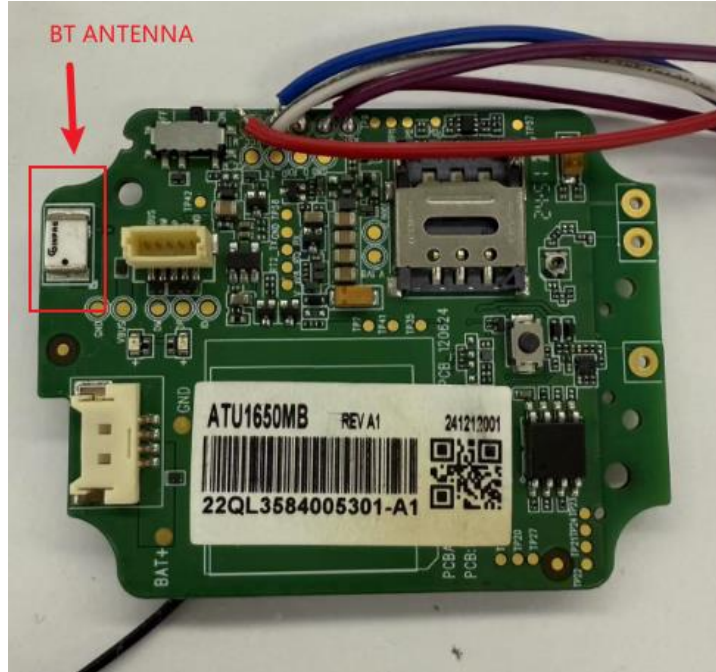


Bottom view

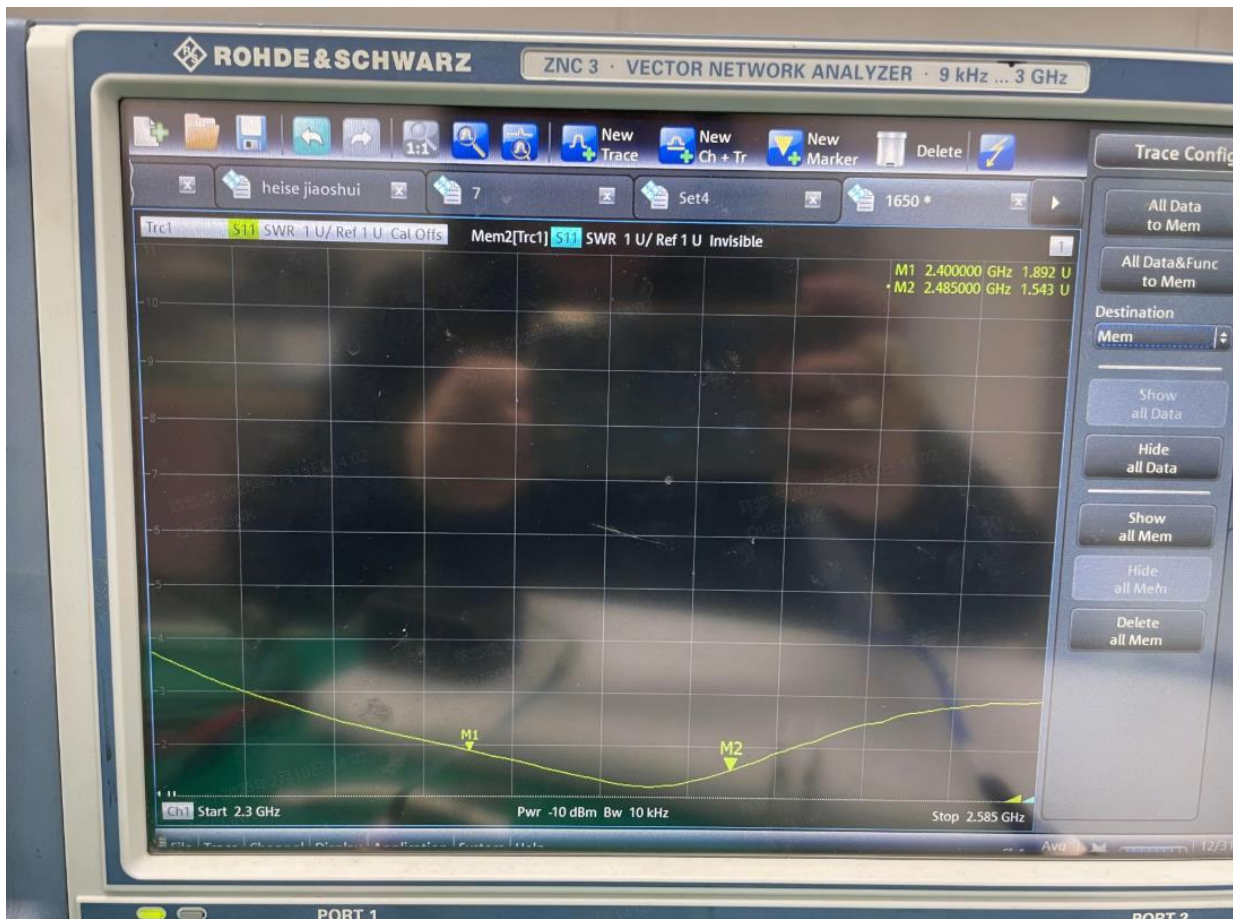


Chip Antenna	L	W	A	B	L1	W1	H	X	Y
ACA5036	5.2±0.3	3.7±0.3	0.45±0.25	0.45±0.25	1.1±0.20	0.55±0.20	0.70±0.15	0.85±0.25	0.12±0.06

Antenna Placement & Solution



VSWR



PASSIVE EFFICIENCY

测试频段	测试频率	Efficiency-DB	Gain(dBi)	Efficiency-%
1	2400	-5.41	-0.79	28.76
2	2405	-5.21	-0.57	30.11
3	2410	-4.99	-0.3	31.67
4	2415	-4.78	-0.04	33.23
5	2420	-4.6	0.18	34.66
6	2425	-4.47	0.36	35.77
7	2430	-4.32	0.58	37
8	2435	-4.16	0.85	38.38
9	2440	-3.98	1.1	40.02
10	2445	-3.78	1.3	41.93
11	2450	-3.61	1.45	43.6
12	2455	-3.48	1.59	44.82
13	2460	-3.44	1.69	45.32
14	2465	-3.41	1.8	45.6
15	2470	-3.39	1.9	45.85
16	2475	-3.31	2.05	46.64
17	2480	-3.22	2.23	47.64
18	2485	-3.16	2.4	48.33

 上海移为通信技术股份有限公司



THANKS

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