



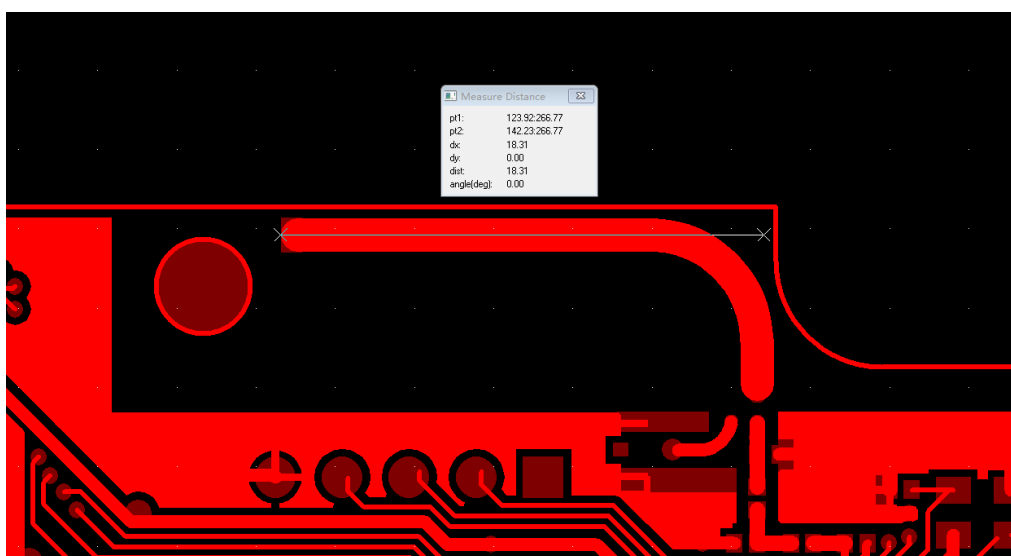
BKGA518B adopts on-board PCB antenna, the plate is FR-4, 2-layer

board, and the thickness of the plate is 0.8mm

Manufacture: SHENZHEN FREERULE COMMUNICATION TECHNOLOGY CO., LTD

model: BKGA518B

1. Antenna Dimensions:



2. Antenna efficiency and gain

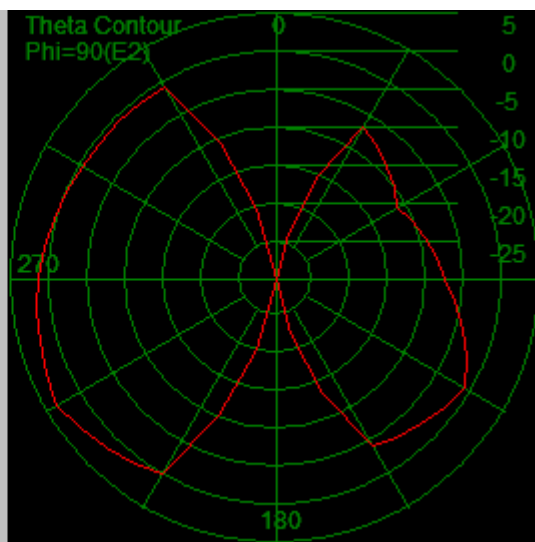
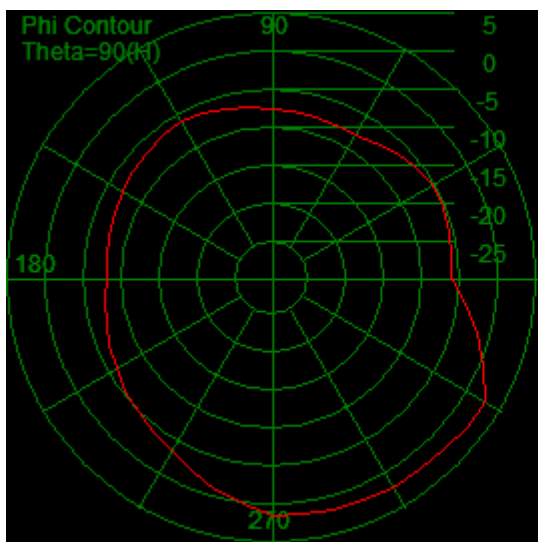
Test Point ID	Freq(Mhz)	Efficiency(%)	Gain(dBi)
1	2400	45.3%	2.54
2	2410	45.6%	2.87
3	2420	46.6%	2.89
4	2430	48.3%	3.12
5	2440	48.9%	3.24

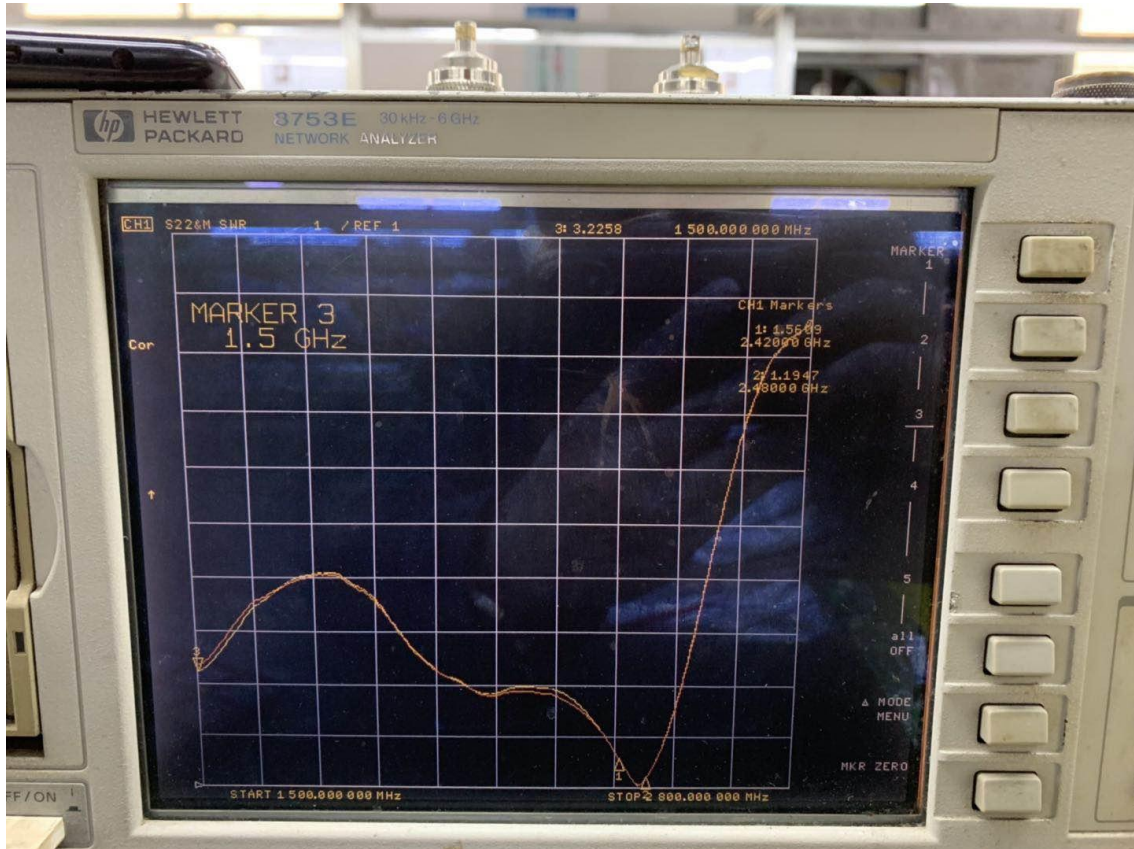


6	2450	48.1%	3.46
7	2460	49.6%	3.52
8	2470	49.8%	3.64
9	2480	49.0%	3.05
10	2490	47.8%	2.77
11	2500	46.2%	2.13

3. Antenna pattern

2470MHz :





BT Antenna Standing Wave Ratio Curve