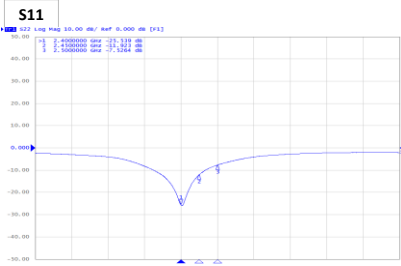
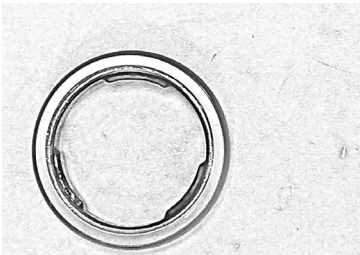
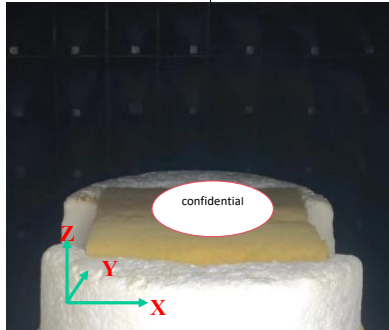


Antenna type:Antenna Type: Metal outer shell Antenna
Antenna Size: OD 24.19mm
Model: US12 ANT

Manufacturer: DONGGUAN AITE PRECISION HARDWARE FITTINGS CO., LTD.//Room 101, Building 9, No. 198 Xiegang Zhenxing Avenue, Xiegang Town, Dongguan City, Guangdong Province, China

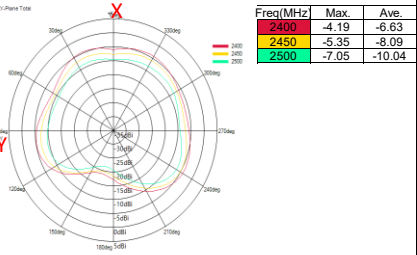
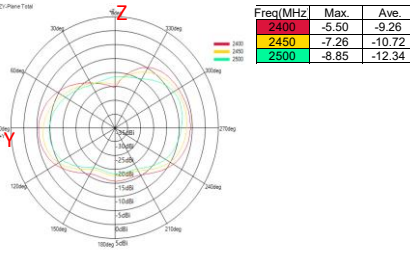
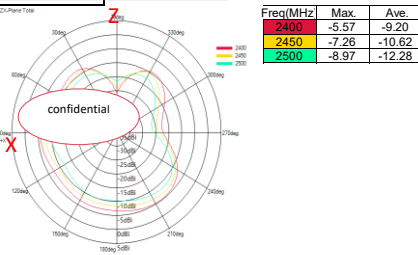
1、Free Space

Product placement method



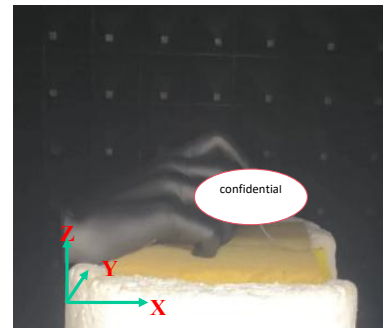
Efficiency performance		
Freq (MHz)	Gain (dBi)	Efficiency (%)
2400	-4.19	16.82
2410	-4.33	16.35
2420	-4.39	15.67
2430	-4.68	14.76
2440	-5.00	13.41
2450	-5.35	12.06
2460	-5.56	11.36
2470	-5.91	10.54
2480	-6.27	9.62
2490	-6.64	8.71
2500	-7.05	8.05

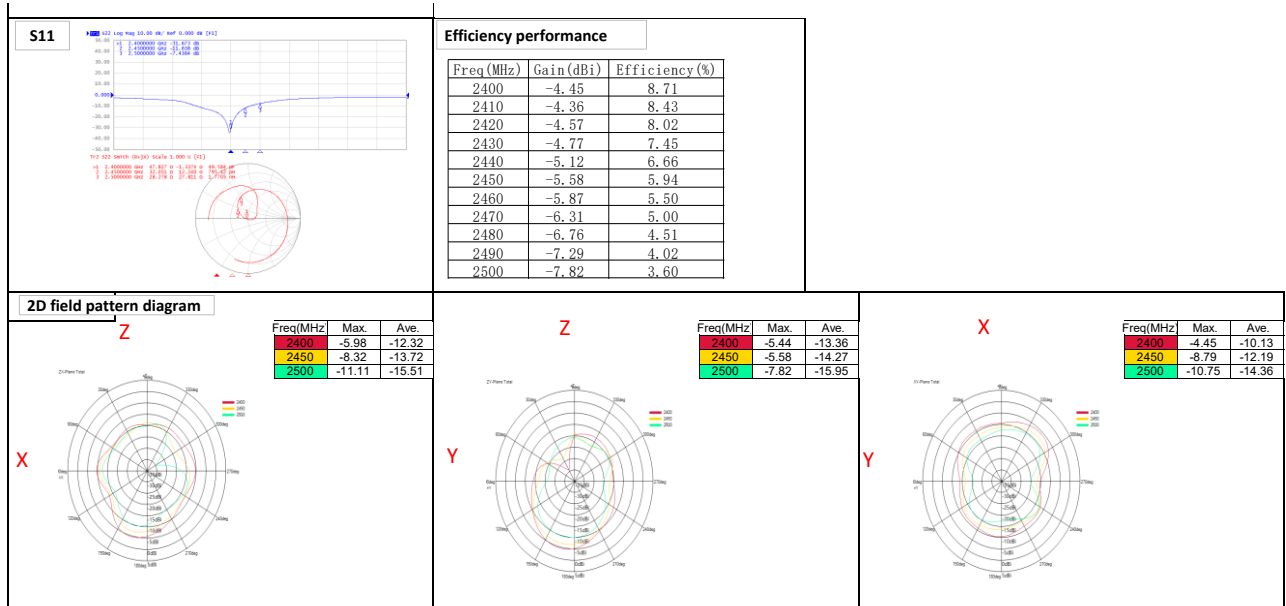
2D field pattern diagram



2、Hand Model

Product placement method





3、Summary

	ANT(Free Space)	ANT(Hand Model)
Maximum Efficiency(%)	16.82	8.71
Maximum Gain(dBi)	-4.19	-4.45