

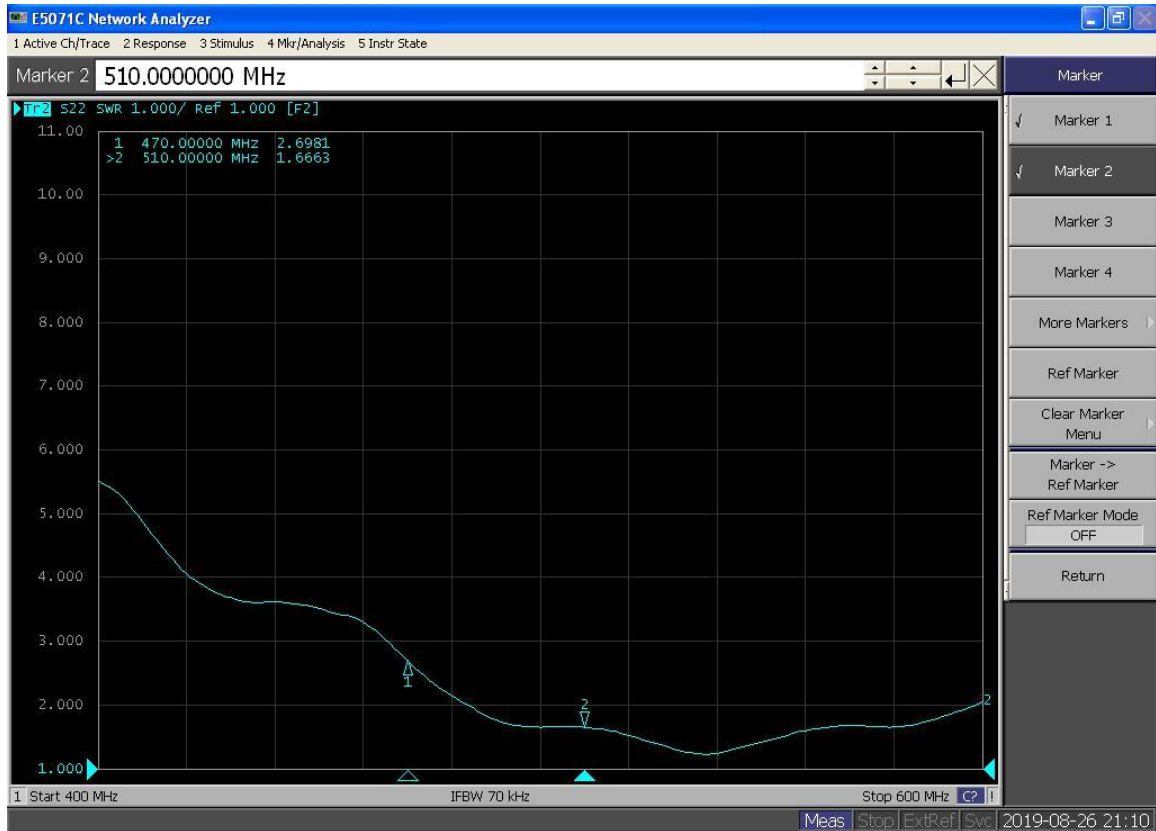


天线规格

频率范围(Frequency)	470-510MHz
增益(Gain)	-9.5dBi
驻波比(VSWR)	≤3.0
最大效率 (Max. Efficiency)	≥20%
输入阻抗(Impedance)	50Ω
极化方式 (Polarization)	Linear polarization - Vertical
辐射方向图 (Radiation pattern)	Omni-directional
接口类型 (Connector)	RP-SMA-J
总长(Length)	147±3.0mm
盐雾测试(Salt Spray Test)	48H
工作温度 (Operation Temperature)	-30°C ~ 65°C
储藏温度 (Storage Temperature)	-30°C ~ 75°C



VSWR



效率 vs 增益

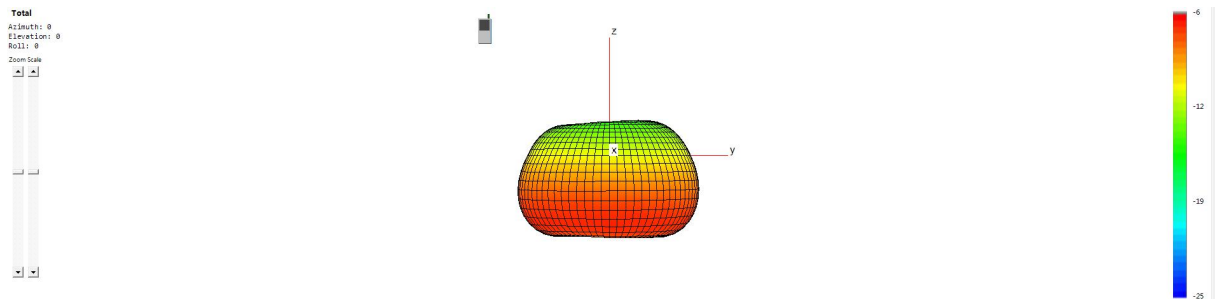
Frequency(MHz)	Efficiency (%)	Gain (dBi)
470	10%	-9.3
472	10%	-8.9
474	11%	-8.5
476	12%	-8.1
478	13%	-7.7
480	13%	-7.5
482	14%	-10.5

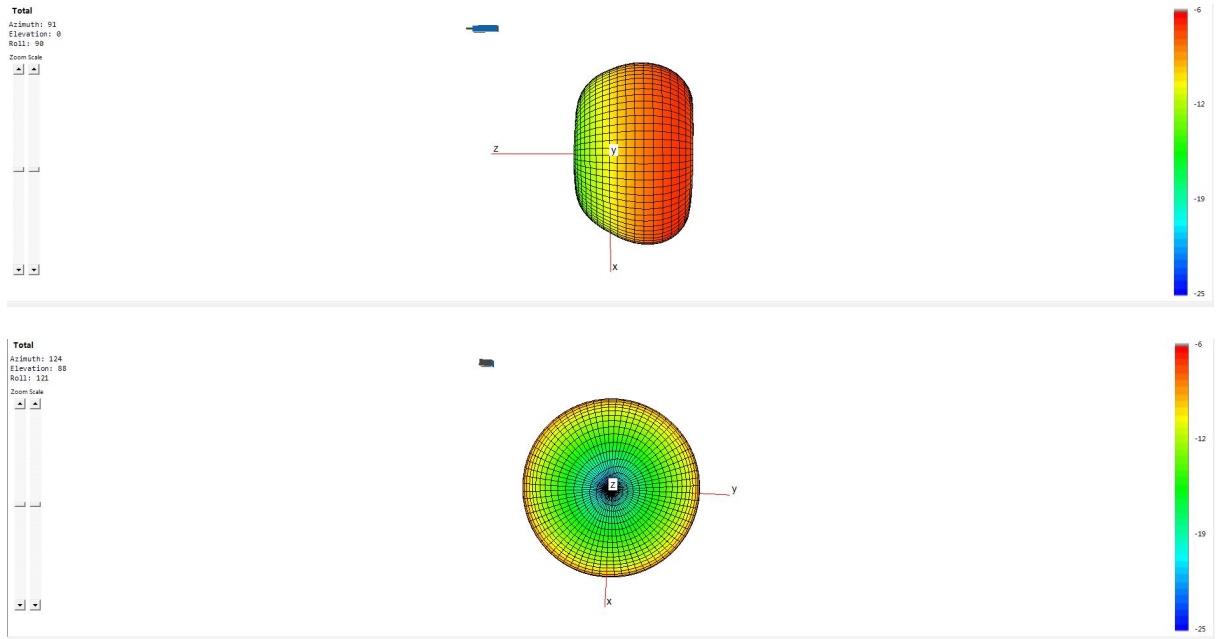


484	14%	-9.9
486	14%	-9.3
488	15%	-8.9
490	15%	-8.5
492	15%	-8.1
494	16%	-7.7
496	16%	-7.5
498	16%	-7.3
500	16%	-7.0
502	17%	-6.6
504	18%	-6.2
506	19%	-6.1
508	20%	-5.9
510	21%	-5.7

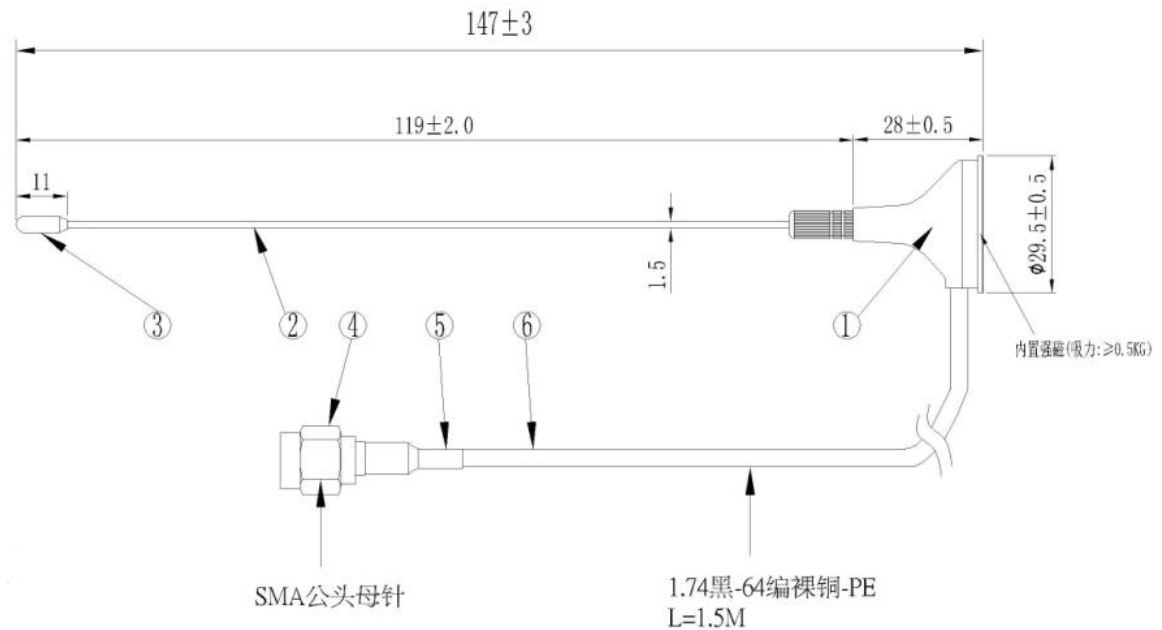
方向图

490M





机械尺寸



6	线材	1.74黑-64编裸铜-PE, L=1.5M	1
5	热缩套管	3.5*18mm-BLACK	1
4	SMA	15.1*174-ZJ-插针铆压-镀金	1
3	天线帽	BLACK PVC1.5*3.5*11-ABS	1
2	钢线	11-1.5*119mm	1
1	小吸盘底座	∅29.5*28*174-有边小吸盘	1