

产品规格承认书

Specification For Approval

产品名称: PCB antenna

Product Name :

产品型号: PASTELA-1

Model No. :

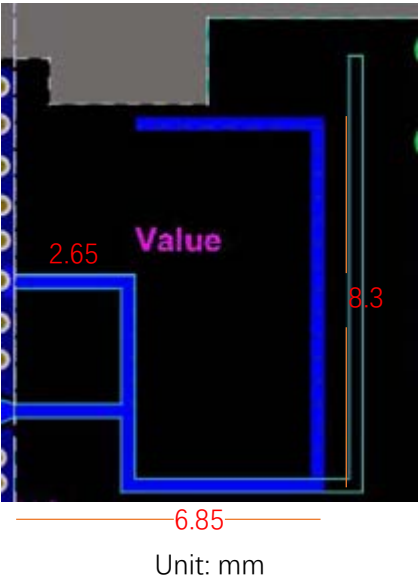
公司名称: Voyetra Turtle Beach, Inc.

Company :

地址: 15822 Bernardo Center Drive, Suite 105 San Diego,

Address : CA 92127

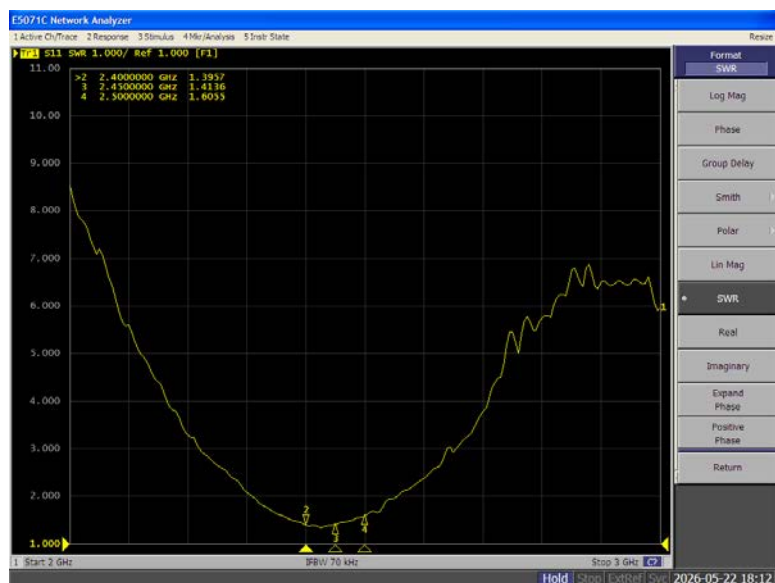
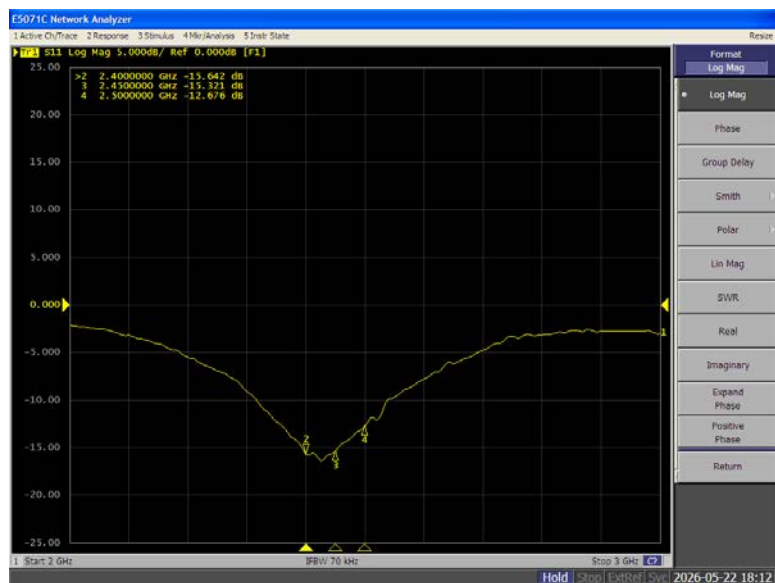
一 产品结构图 Product structure diagram



二 天线技术参数 Antenna technical parameters

型号名 Model No.	PASTELA-1
天线类别 Antenna type	PCB antenna
频段 Frequency range	2400-2500MHz
驻波比 SWR	< 1.60
效率 Efficiency	> 46 %
增益 Maximum gain	2.49 dBi

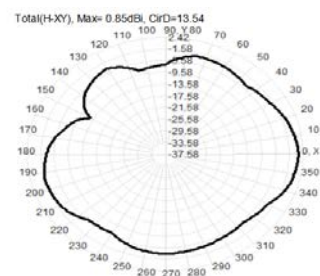
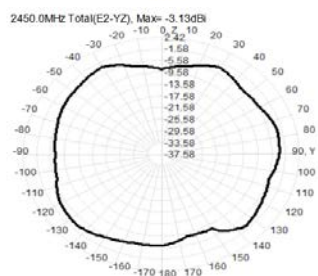
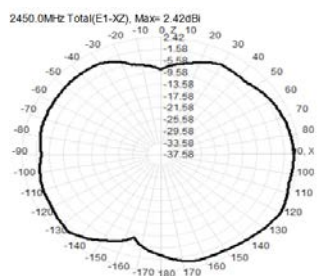
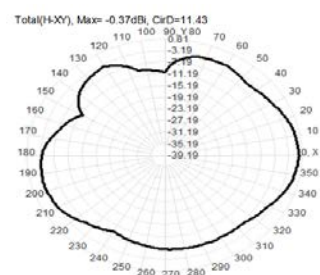
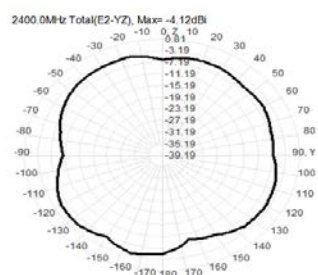
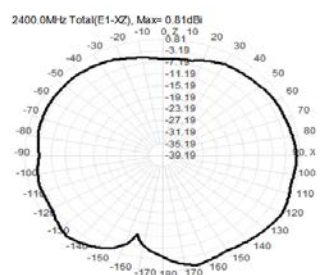
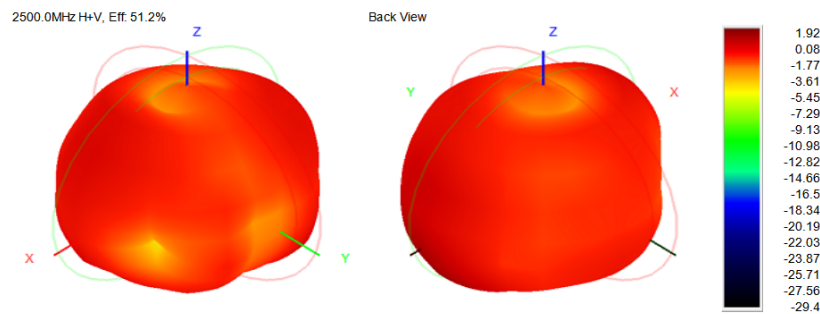
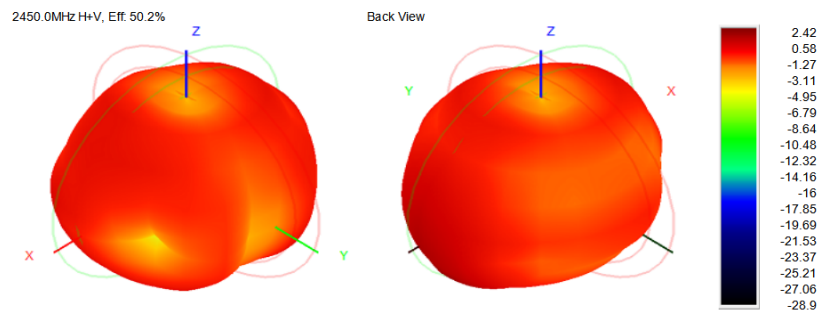
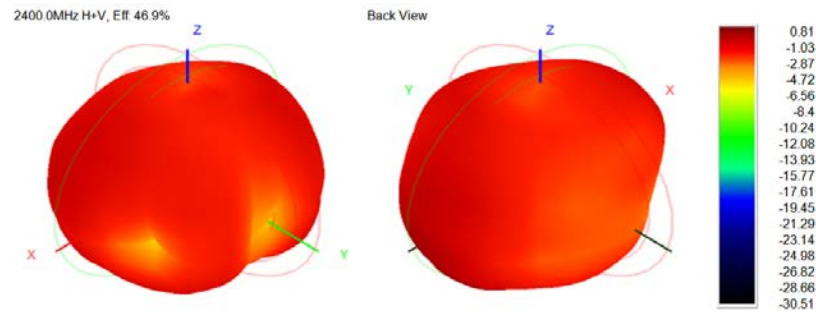
三 天线回波损耗/驻波比 Return loss/VSWR

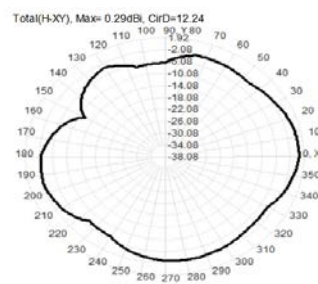
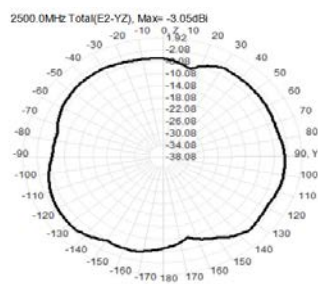
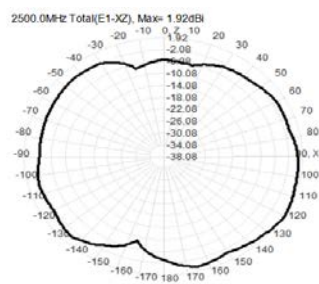


四 增益和效率 Gain and Efficiency

Freq. (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400.0	-3.29	0.81	46.86
2410.0	-3.23	1.16	47.54
2420.0	-3.22	1.41	47.66
2430.0	-3.23	1.61	47.51
2440.0	-3.21	1.78	47.74
2450.0	-2.99	2.42	50.21
2460.0	-3.02	2.04	49.95
2470.0	-2.88	2.49	51.56
2480.0	-3.04	1.98	49.65
2490.0	-3.15	1.82	48.38
2500.0	-2.90	1.92	51.25

五 3D/ 2D directional pattern





六 测试系统 test system

The test system is a 4*4*4 FETU 24-probe test system.