

C130-RF-014 Antenna specification

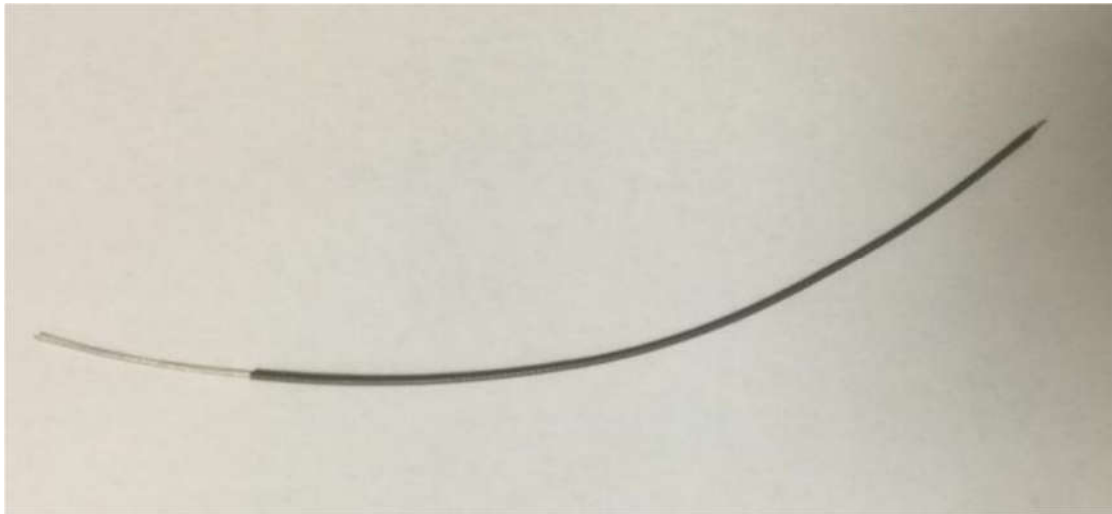
Antenna Type: Integral Antenna

Antenna name: L=180mm, Φ 1.13 Gray coaxial wire

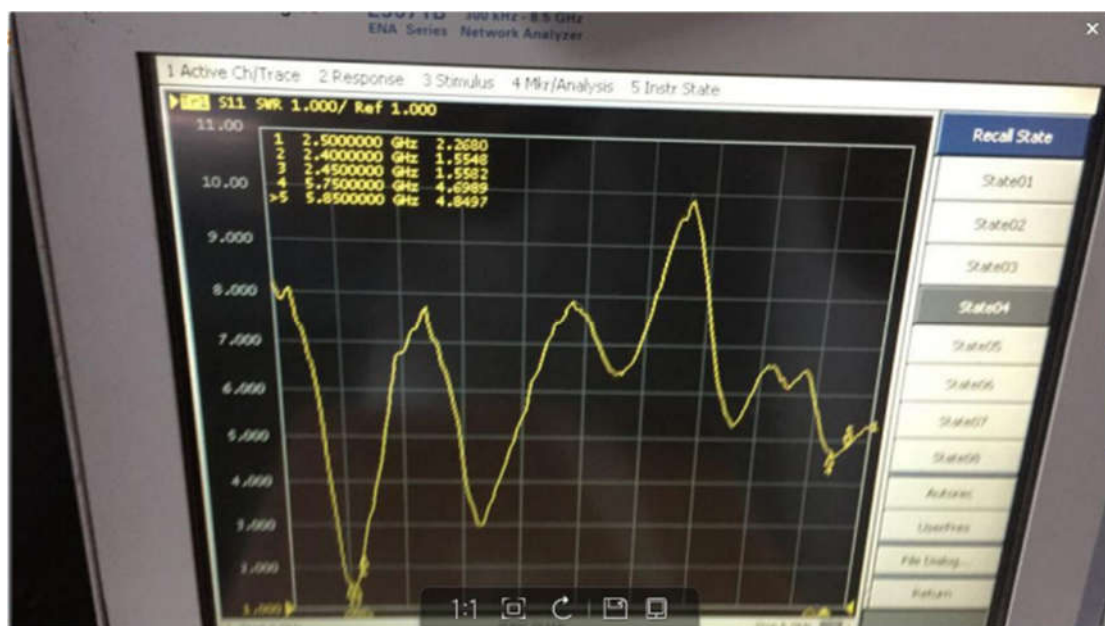
Frequency range: 2400~2500MHz

Antenna gain: 2dBi

3,Product picture

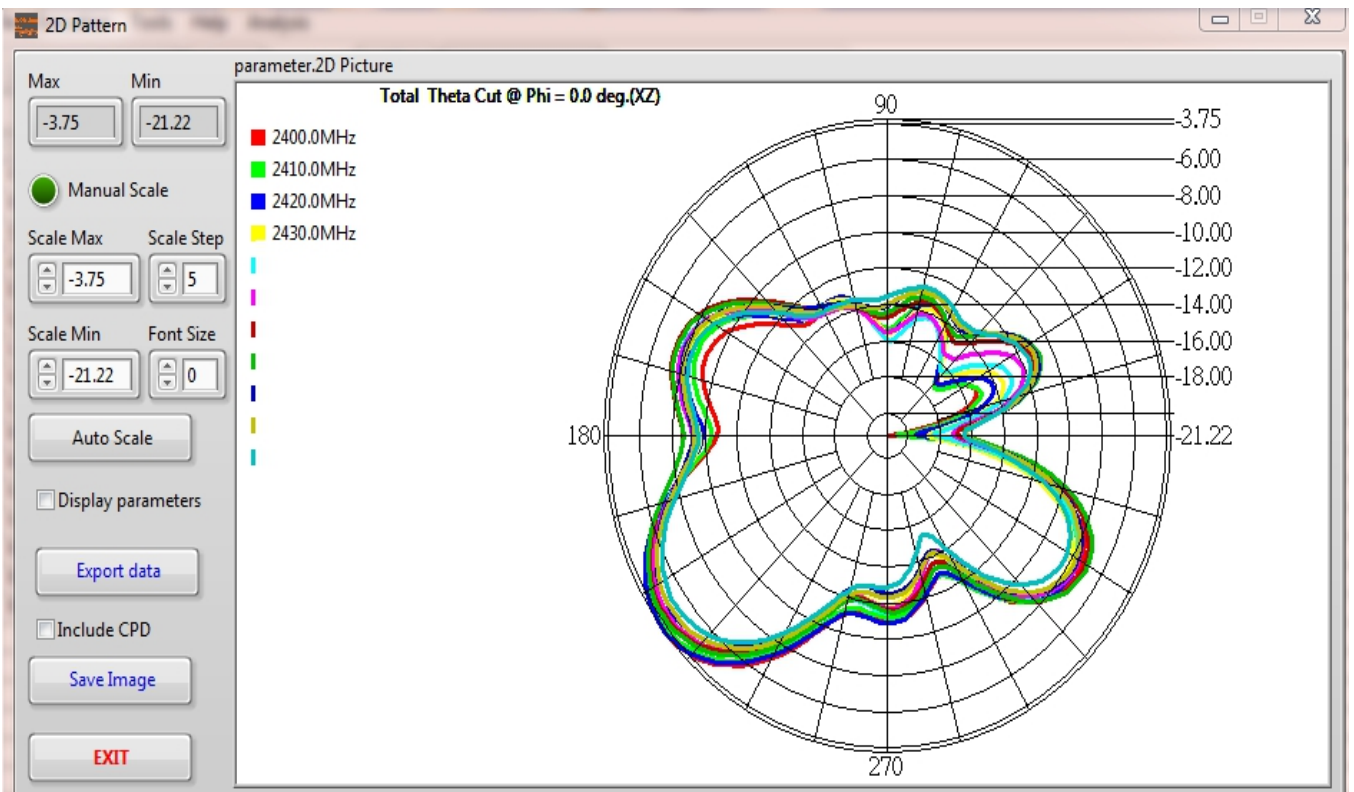


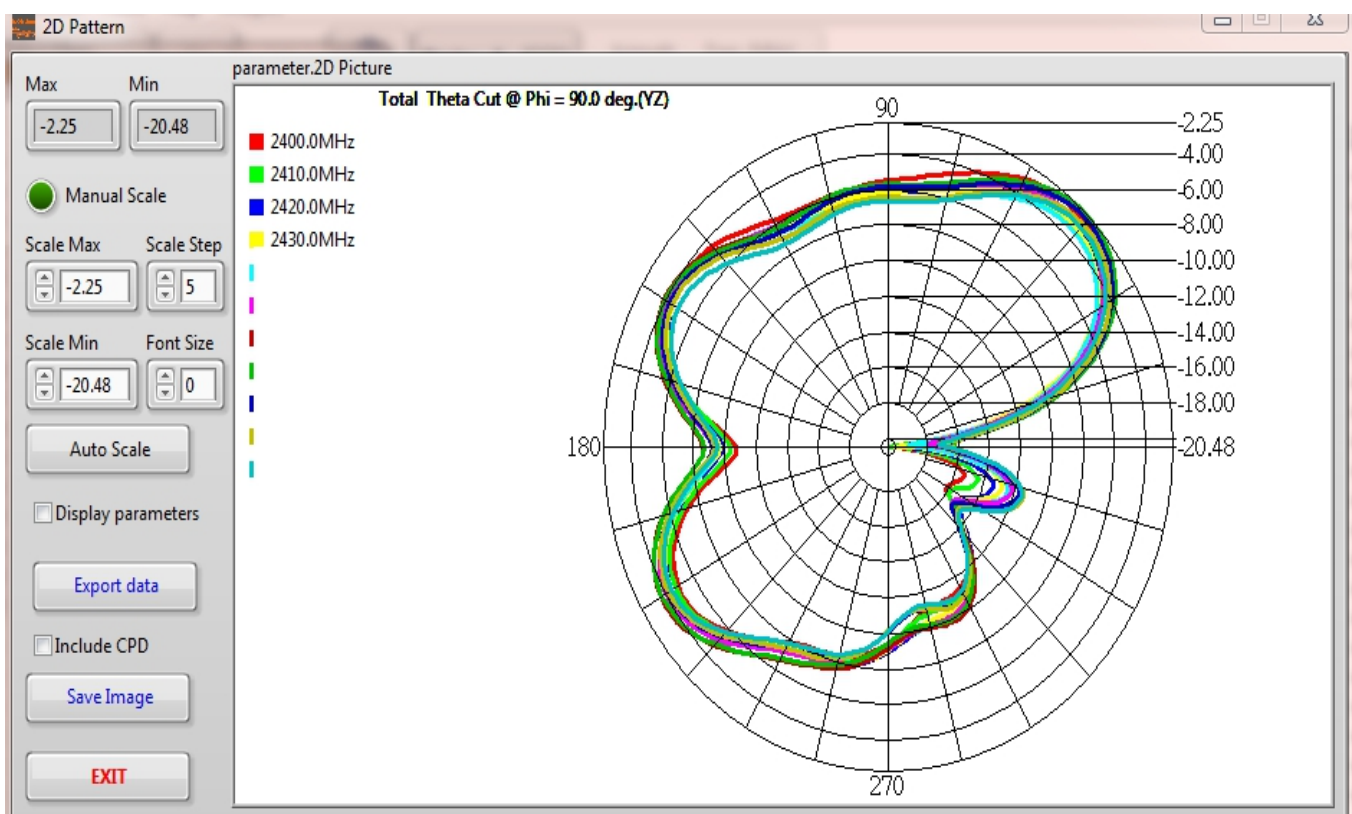
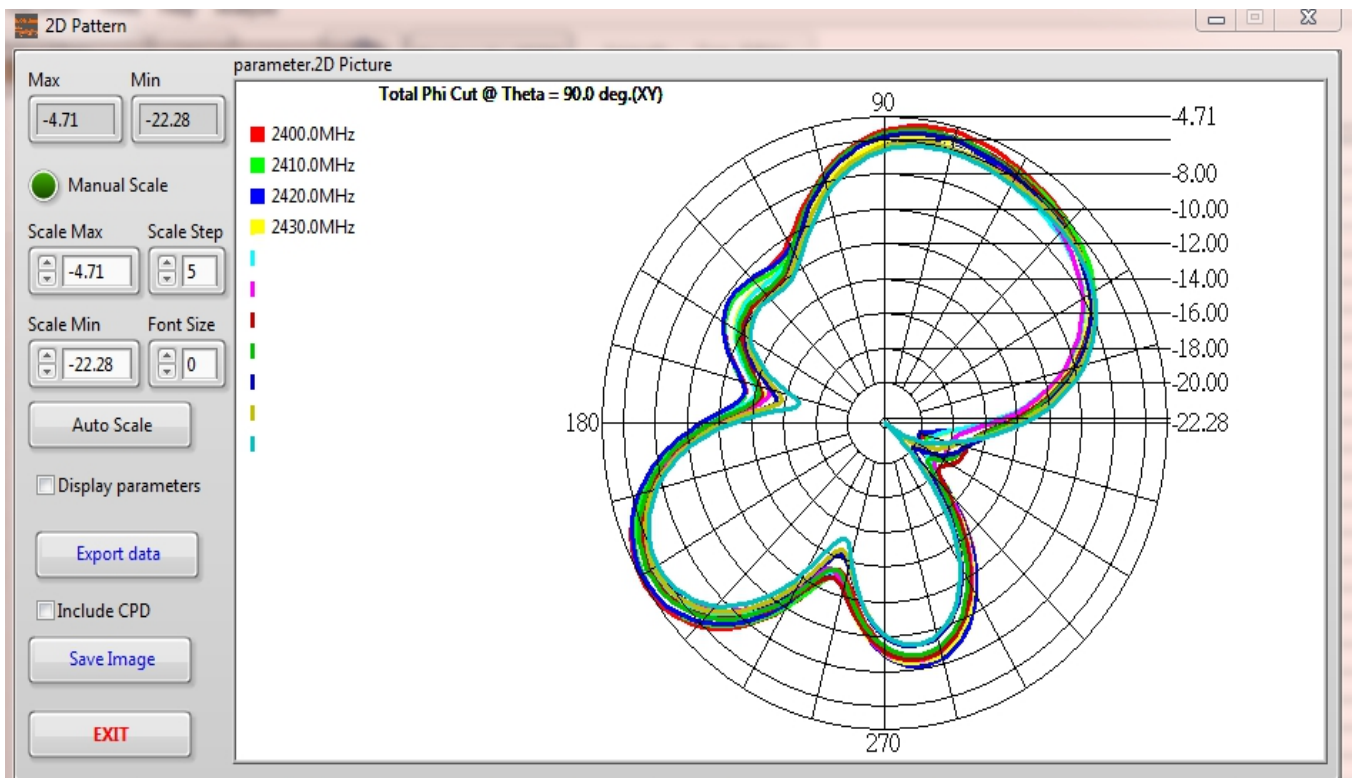
2, VSWR

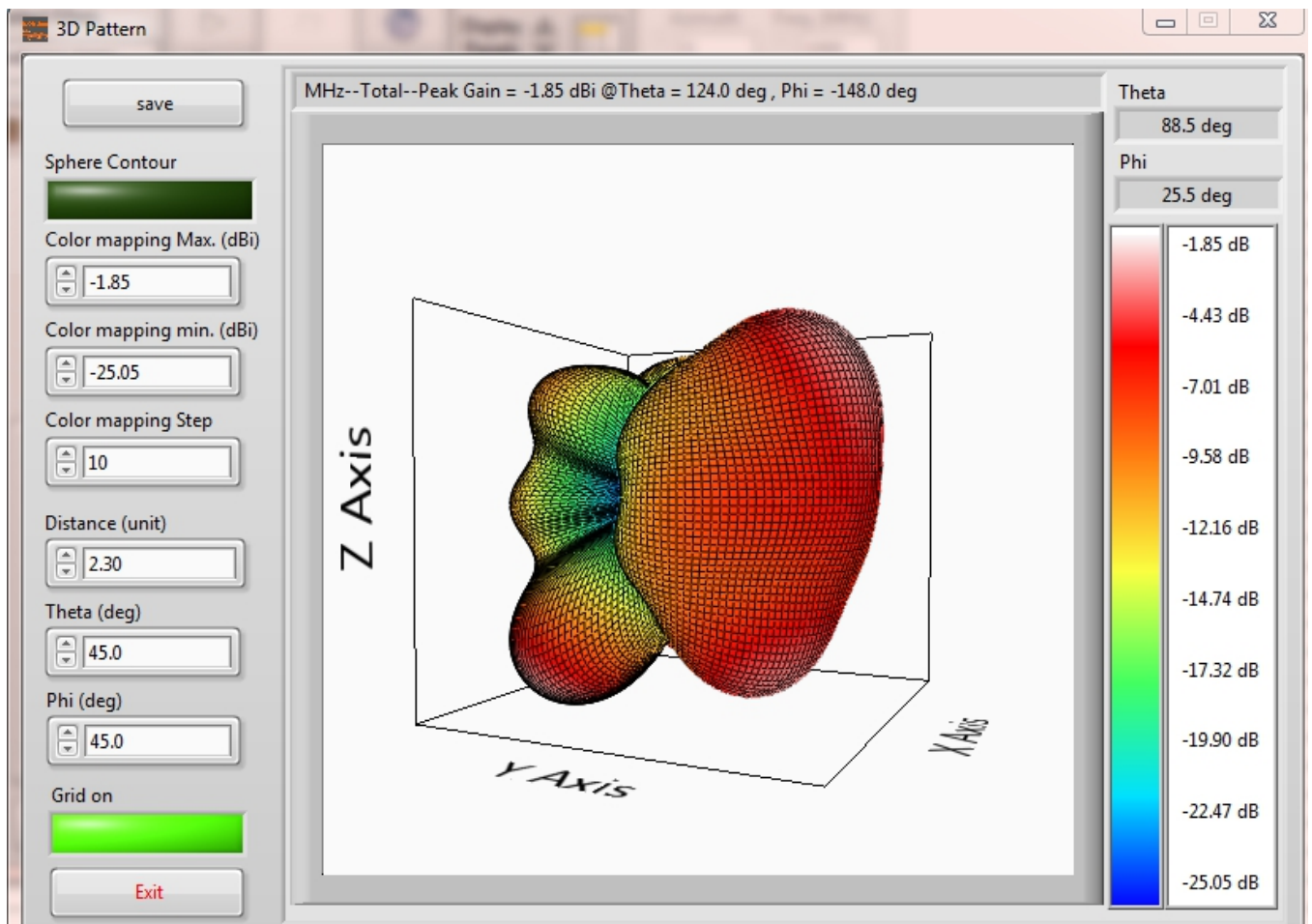


3, Directional diagram

Frequency(MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0	
Peak Gain(dBi)	-1.85	-1.60	-1.49	-1.47	-1.60	-1.41	-1.11	-1.34	-1.75	-1.81	-2.11	
Directivity(dBi)	5.55	5.98	6.05	6.34	6.27	6.30	6.20	5.92	5.89	5.92	5.91	
Average Gain(dBi)	-7.40	-7.58	-7.55	-7.81	-7.87	-7.71	-7.32	-7.27	-7.64	-7.73	-8.02	
Efficiency(%)	18.18	17.45	17.58	16.56	16.33	16.93	18.55	18.76	17.20	16.86	15.77	
Upper HEM , EIRP(dB)	-10.97	-11.26	-11.26	-11.55	-11.60	-11.37	-10.90	-10.75	-11.08	-11.18	-11.43	
Lower HEM , EIRP(dB)	-9.92	-10.01	-9.95	-10.20	-10.26	-10.16	-9.82	-9.86	-10.27	-10.34	-10.67	
Upper HEM , EIRP(%)	8.00	7.48	7.48	7.00	6.92	7.30	8.12	8.42	7.80	7.62	7.20	
Lower HEM , EIRP(%)	10.19	9.97	10.10	9.56	9.42	9.64	10.43	10.33	9.40	9.24	8.57	
Peak Gain @ Theta(degree)	-148.00	-148.00	-148.00	-148.00	-148.00	-148.00	-148.00	-148.00	-148.00	-148.00	-148.00	
Peak Gain @ Phi(degree)	124.00	126.00	126.00	126.00	124.00	124.00	124.00	124.00	124.00	124.00	124.00	
Null @ Phi(degree)	-108.00	-108.00	-108.00	-108.00	-108.00	-108.00	-108.00	-108.00	-108.00	-108.00	-110.00	
Null @ Theta(degree)	140.00	140.00	140.00	140.00	142.00	142.00	142.00	142.00	142.00	140.00	138.00	
Roundness @90degree	15.22	14.66	15.21	13.66	13.53	12.99	12.69	13.58	14.57	15.62	16.30	
Roundness @60degree	15.72	14.76	14.97	14.72	14.39	15.23	14.73	15.33	15.17	14.84	15.18	
Roundness @30degree	12.12	11.57	10.69	10.27	9.92	10.29	10.62	10.77	10.75	10.20	9.81	







1		2		3		4		5		6	
标记	处数	更改内容	签字	日期							

规格说明: L=180mm, ϕ 1.13灰色同轴电线
单机用量: 2 SET
以下材料符合ROHS

适用机种: FS-GR3E接收机

测试条件:
1.高压: 200V DC;
2.导通: 0.5 OHM 最大;
3.高压时间: 1 ms;
4.绝缘阻抗: 10M OHM 最小;
5.特性阻抗: 50欧姆

**东莞市富斯模型技术有限公司**
FLYSKY RADIO CONTROL TECHNIQUE., LTD

TITLE: 名称		天线		MATERIAL: 材料		FINISH: 表面处理			
PART/NO.: 零件编号		C130-RF-014		TOLERANCE 公差					
UNIT IN 单位	SCALE: 比例	2.5:1		LINEAR 线性		ANGULAR 角度			
				L<30 ±0.10		X.XX ±0.1°			
				30<L<100 ±0.15		X.X ±0.2°			
DRAWING 制图	黄美玲	DATE 日期	12-04-13	CHECKING 审图	李建设	UNLESS OTHERWISE SPECIFIED			
						DATE 日期	2012-11-26	REV 版次	01