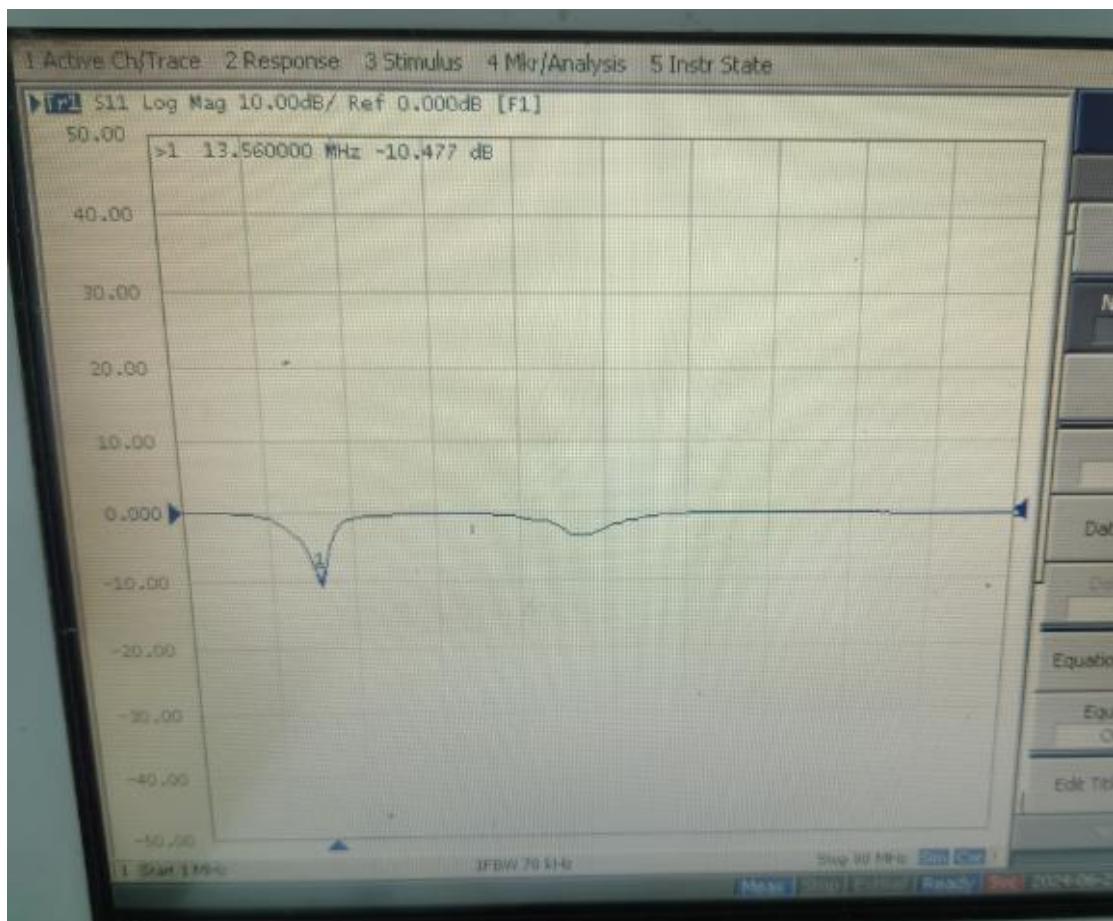


Antenna Type: PCB coil antenna

Antenna P/N: PCBA_NFC_ATA_1.0

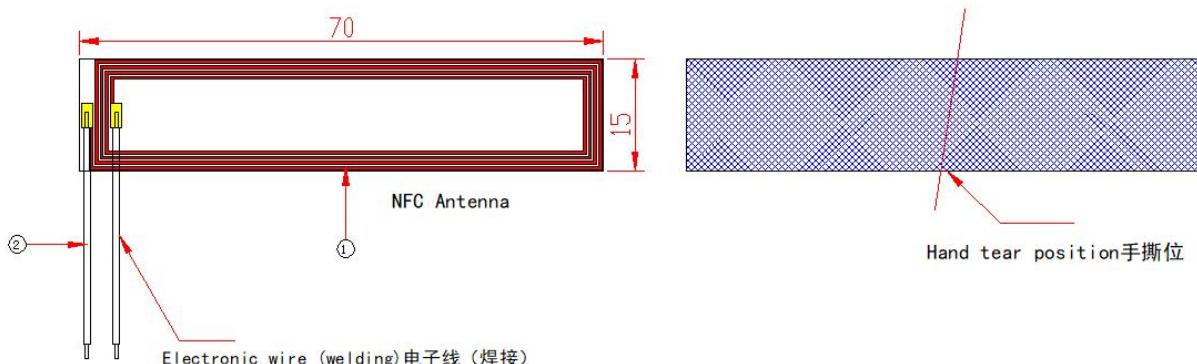
Manufacturer: Shenzhen ZHONGKE Wireless., LTD

Gain: 3dBi



1 2 3 4 5 6 7 8

Surface coated with black oil, silk screened in white, half base material, gold finger OSP
表面铺黑油，丝印白色，一对半基材，金手指OSP



NOTES:

1. 绿色为铜材质部分; 无色为基材; 黄色部分为镀金区; 蓝色为背胶区域;
The green part is made of copper material. Colorless substrate; Yellow part is the gold-plated area. Blue represents the adhesive backing area;
2. 刀模不可伤到线路, 镀金区要与线路导通;
The cutting die should not damage the circuit, and the gold-plated area should be conductive with the circuit;
3. 表面不可以有污物、擦伤、黑点、镀金层断裂及脱落等不良现象;
The surface should not have any dirt, scratches, black spots, or defects such as breakage or detachment after gold plating;
4. 材料: FPC为PI(电解铜)基材+胶 (3M9471 0.05mm)+表面油墨(凯孚/优力/力拓达/力固) (>0.01mm);
Material: FPC is made of PI (electrolytic copper) substrate, adhesive (3M9471 0.05mm), and surface ink (Kaiyao/Yuli/Rio Tinto/Ligue) (>0.01mm);
5. 反面背胶3M 9471 300LSE (粘性需做高低温实验), 试验条件: -30°C (60min)~(转换时间30min)~+70°C (60min)~(转换时间30min)~+30°C (60min) ... 如此共五个循环后常温放置8h无脱落、起翘、掉墨、起包鼓:
Reverse adhesive 3M 9471 300LSE (viscosity needs to be tested at high and low temperatures), test conditions: -30°C (60min)~(conversion time 30min)~+70°C (60min)~(Conversion time: 30 minutes)~+30°C (60 minutes). After a total of five cycles, it was left at room temperature for 8 hours without shedding, curling, ink dropping, or bulging;
6. 金手指表面不可有氧化现象(需做盐雾实验);
There should be no oxidation on the surface of the golden finger (salt spray test is required);
7. 标*为重点尺寸。
Mark * as the key size.

Component Material and Process Description(部件材质工艺说明)

Serial Number序号	material物料	DESCRIPTION产品描述	数量
①	FPC	PI	1
②	Electronic wire	BLACK ϕ 0.81	2
③			

ZKT Shenzhen Zhongke Wireless Technology Co., Ltd					
Φ	Third	Project项目	High configuration version/高配版	DATA 日期	2004.08.01
0~10	±0.10	① 0.02	Product Name品名	ZK-NFO-V1.0	DESIGN 设计
10~20	±0.12	② 0.03	Item number料号	—	To Examine 审核
20~40	±0.15	③ 0.02	material quality材质	PI	MD结构 CEN
40~	±0.20	④ 0.04	appearance外观	—	RF射频
	—	⑤ 0.02		Confirm 确认	
Page页码	Total	1	Page (共1页)	Page 1(第1页)	Unit单位 mm Proportion比例 1:1 Version版本 A.0

1 2 3 4 5 6 7 8