

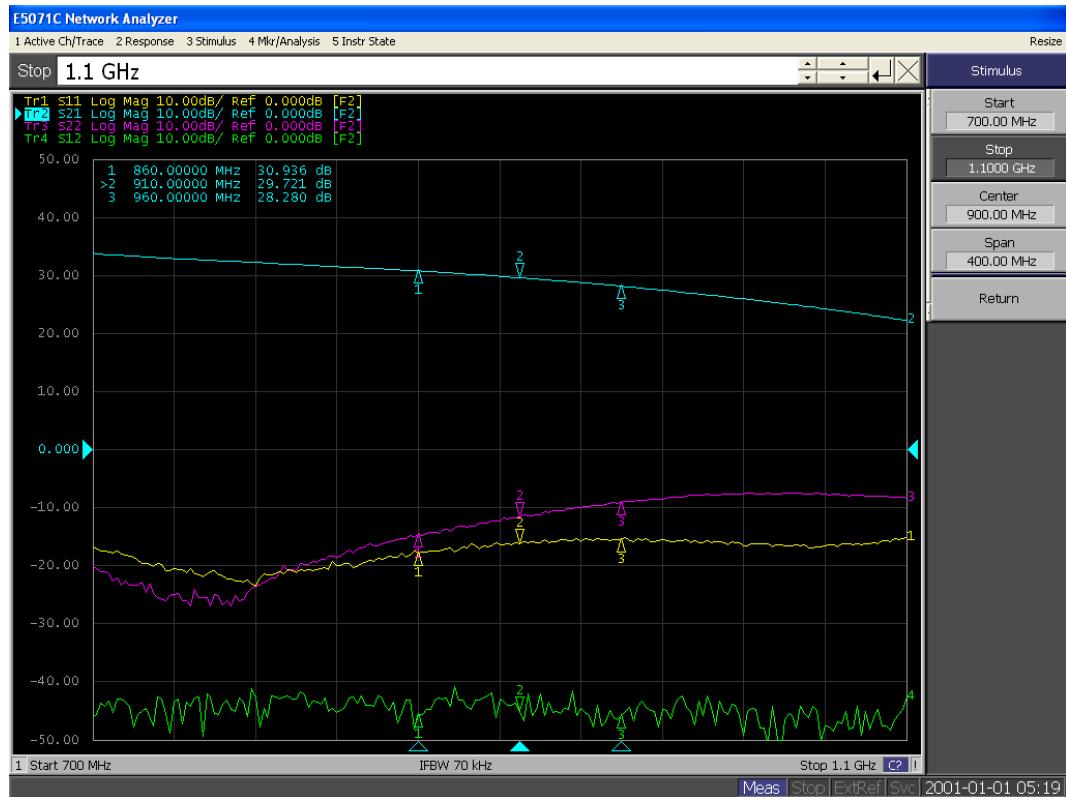


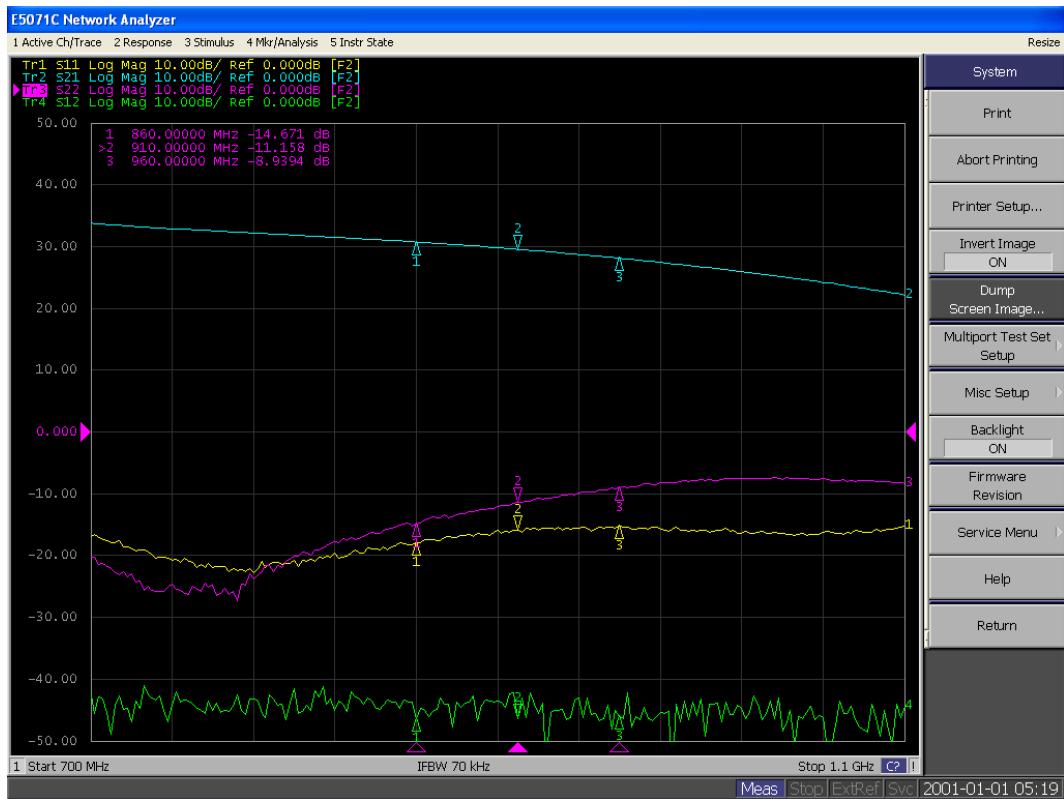
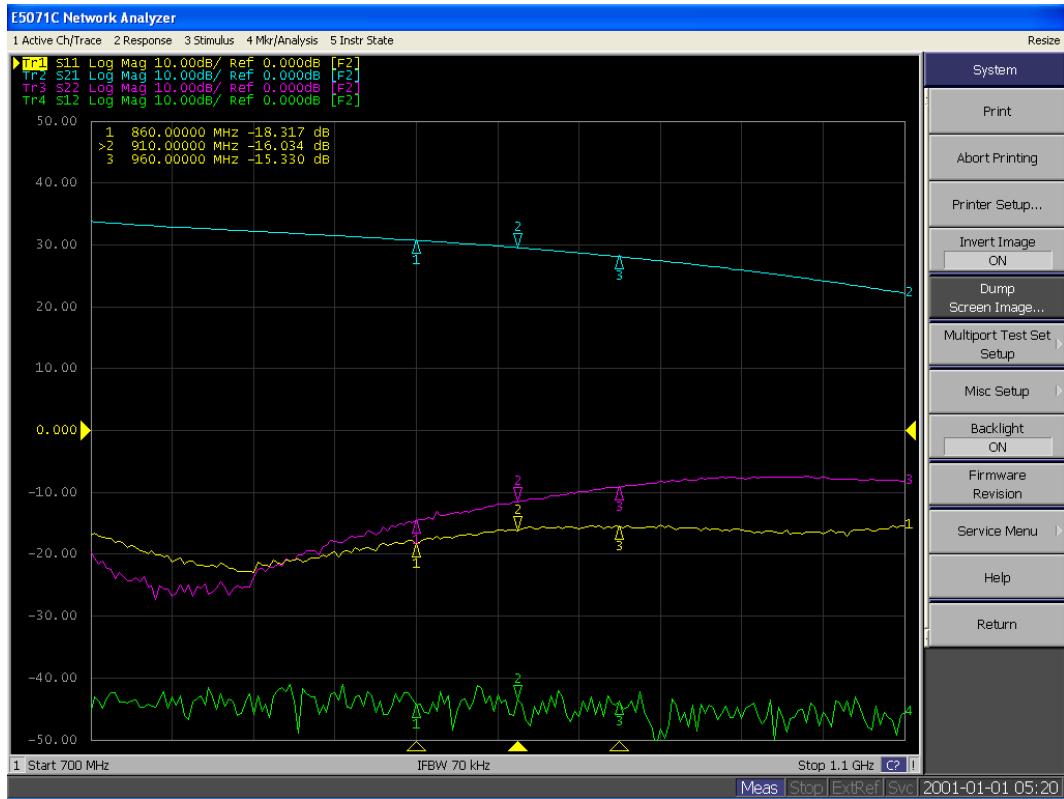
## ZDH1061 860-960MHz-5V 应用笔记

## 一、射频指标

工作频率 (Frq)	MHz	860	910	960
增益 (S21)	dB	30.93	29.72	28.28
输入回损 (S11)	dB	-18.31	-16.03	-15.33
输出回损 (S22)	dB	-14.67	-11.15	-8.93
P1dB 功率 (Pout)	dBm	33.64	33.54	33.35
输入功率(Pin)	dBm	4	5	6
P1dB 工作电流 (Icc)	mA	1130	1152	1195
工作电压 (VCC)	V	5	5	5
工作电压 (Vbb)	V	5	5	5
静态电流 (Icq)	mA	872	872	872
OIP3 (tone=17dBm)	dBc	46	46	46
输出饱和功率(Pout)	dBm	34.64	34.46	34.54
饱和时输入功率(Pin)	dBm	10	10	10
饱和时工作电流 (Icc)	mA	1115	1194	1294

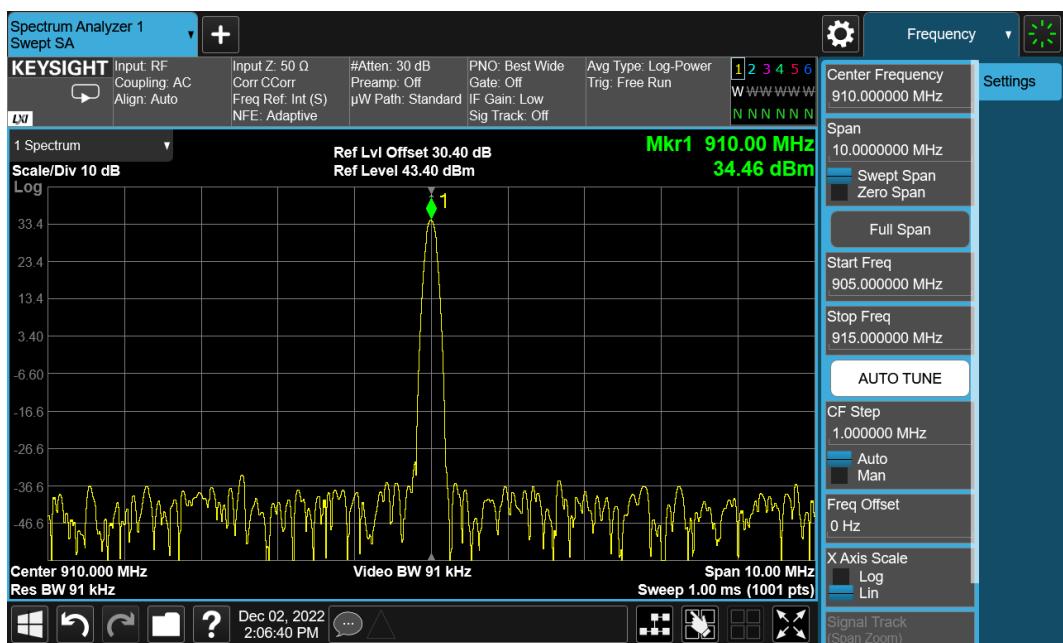
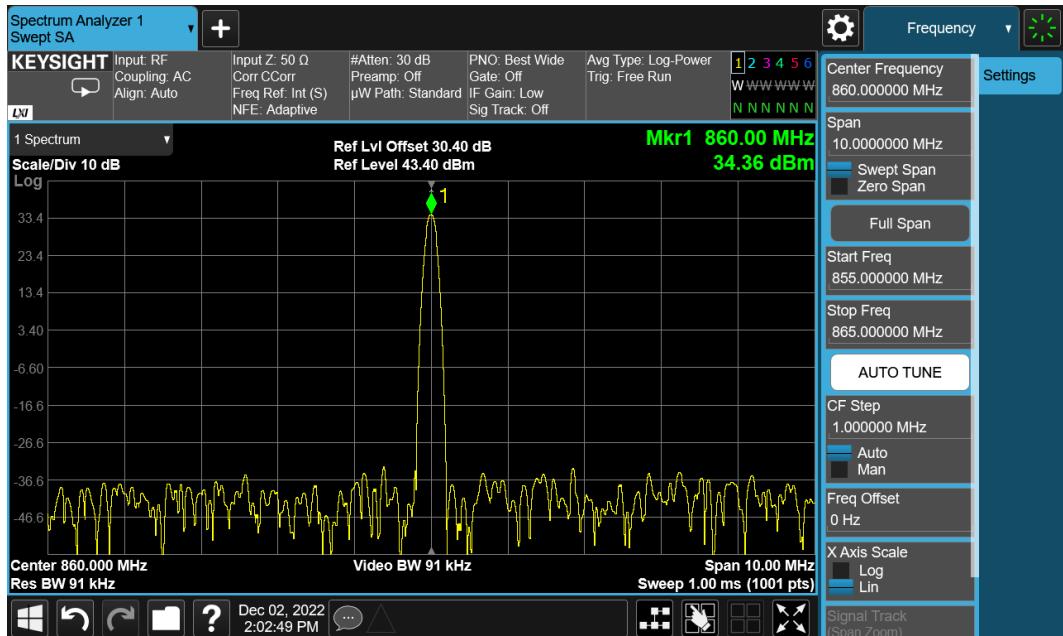
## 二、实测 S 参数图





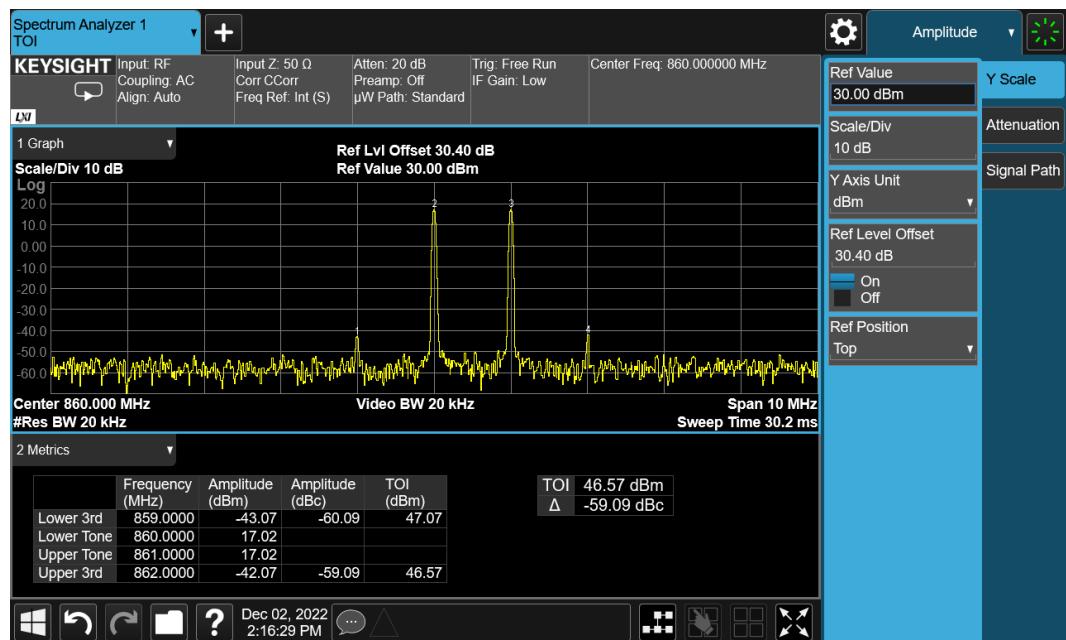
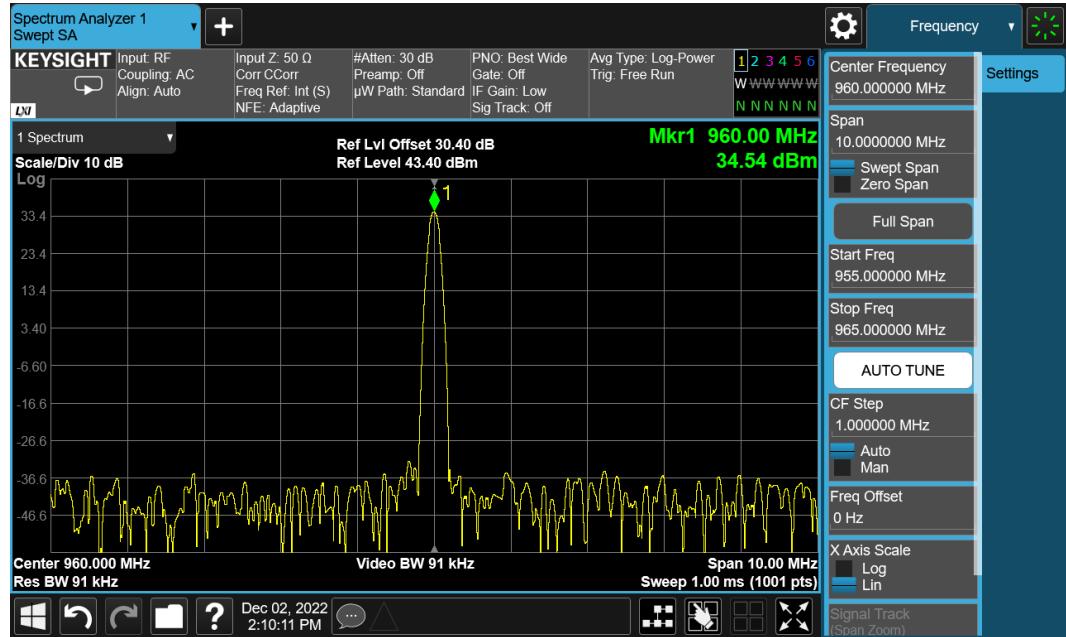


## 三、实测输出功率图



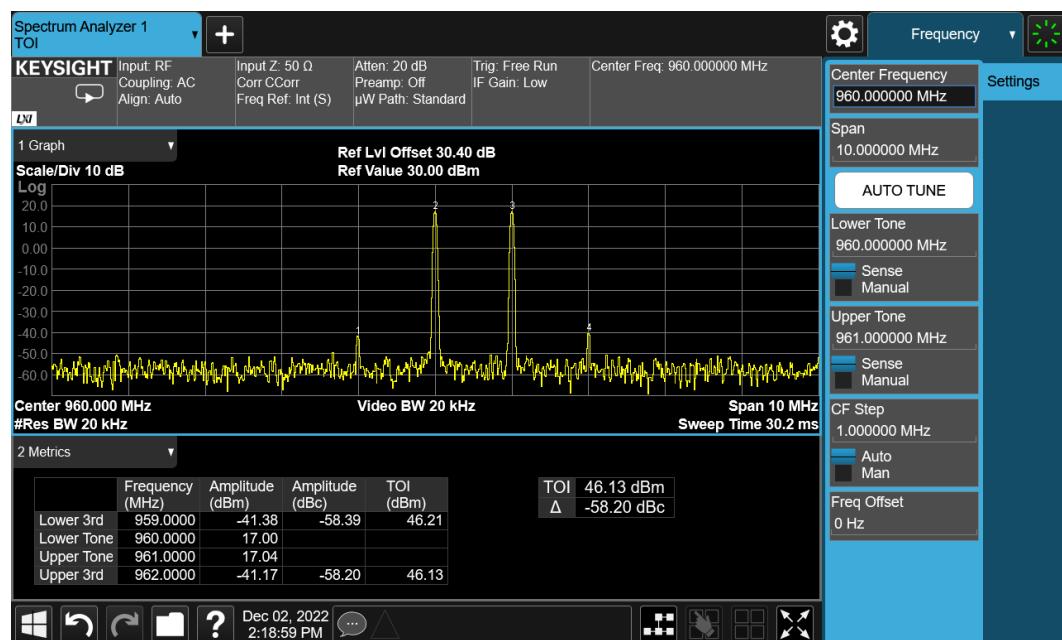
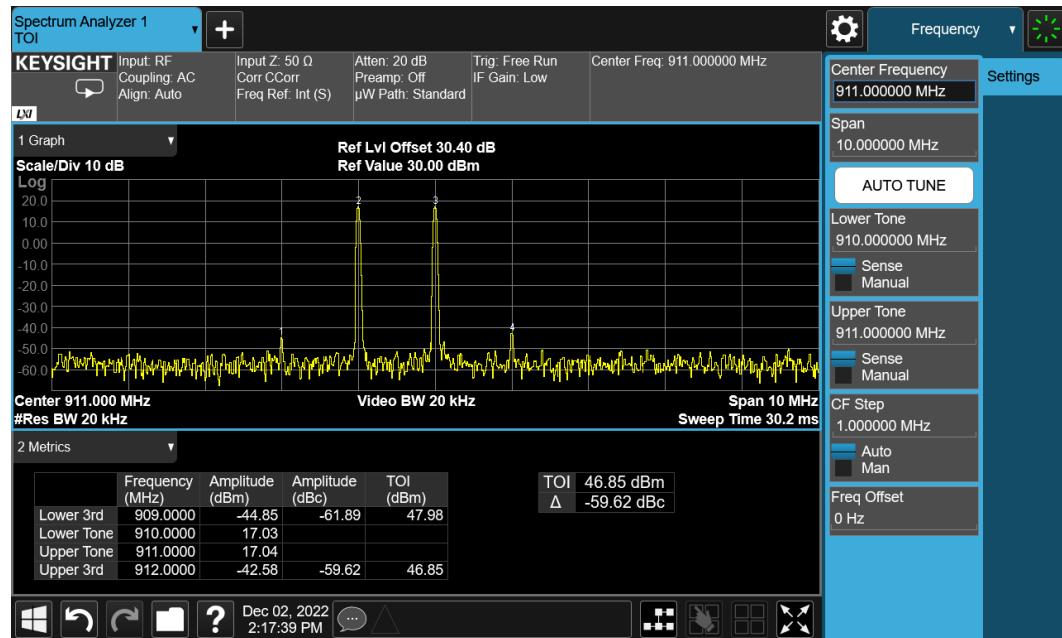


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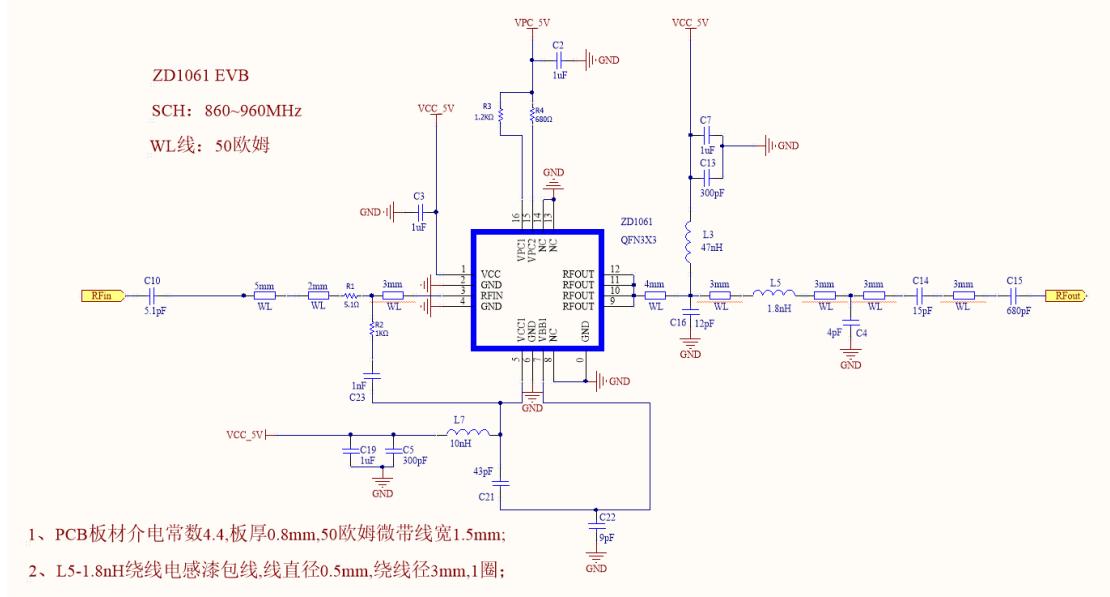
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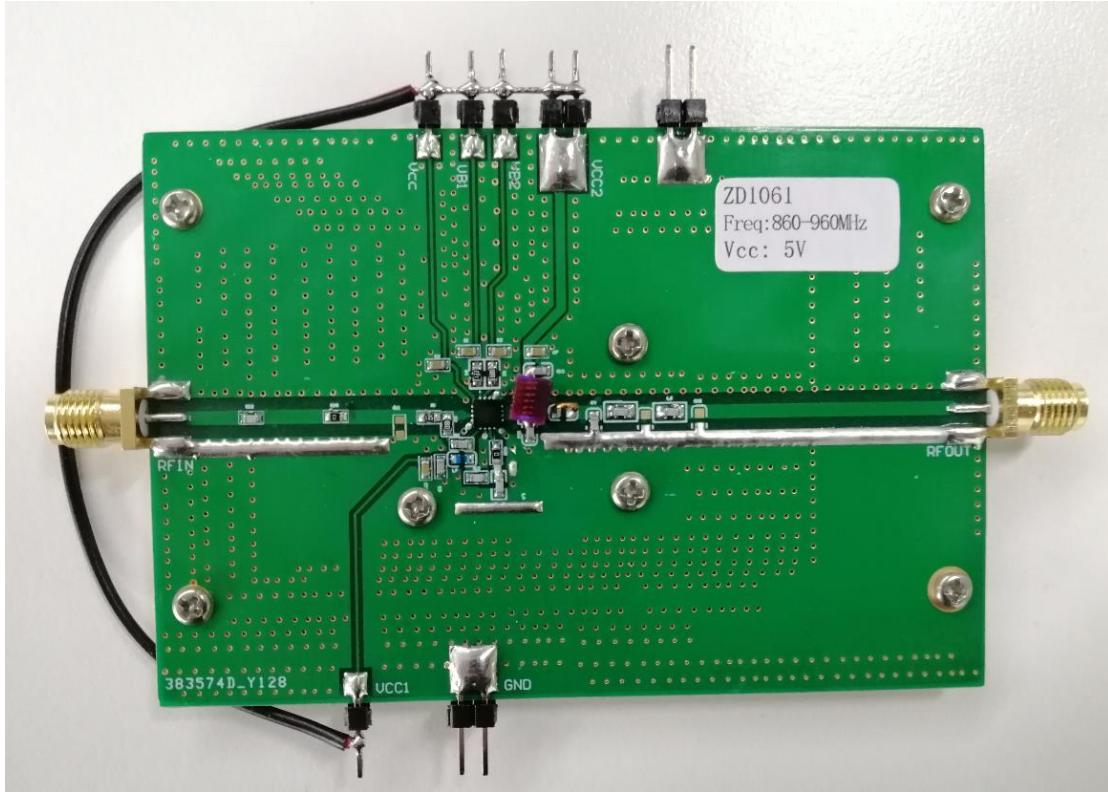


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#### 四、评估板原理图



#### 五、评估板实物图



备注：1、请注意做好 PCB 的散热，否则容易造成放大芯片热损坏。

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技术部  
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