

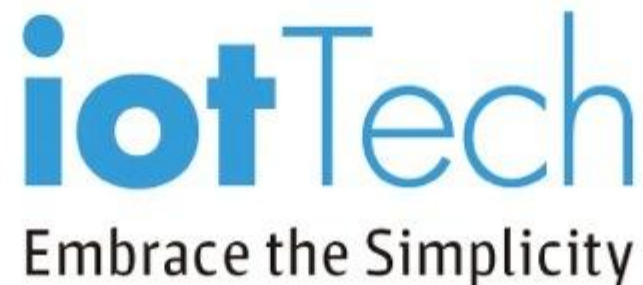
《艾莱卡》

JS-S2-3290-V1

WIFI_RF_Fine_Tune

Pedro.Wu

2024-03-02



一、测试环境 / testing environment

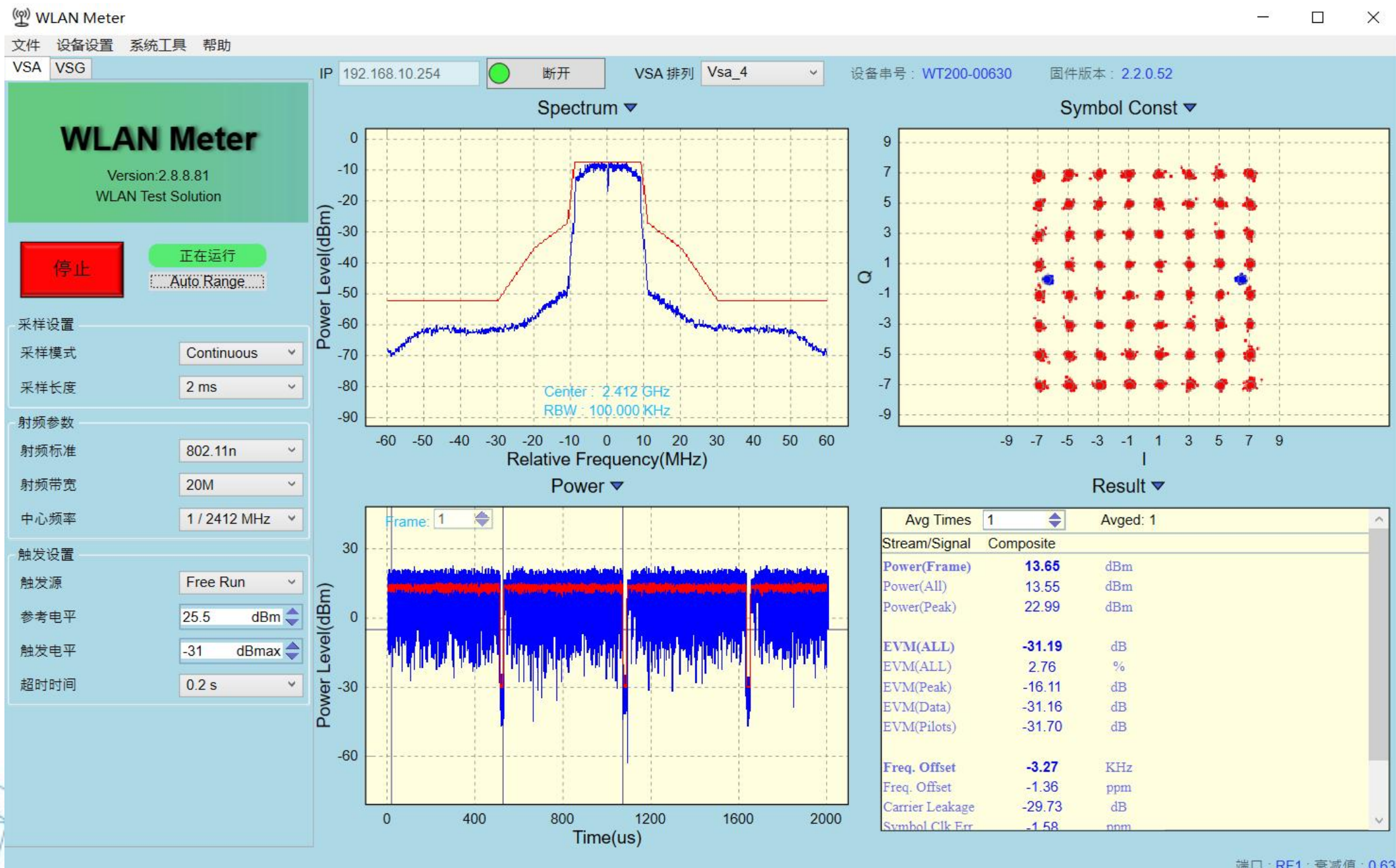
1、WIFI RF调试测试点 / WIFI RF debugging and testing points



二、调试前 / Before debugging

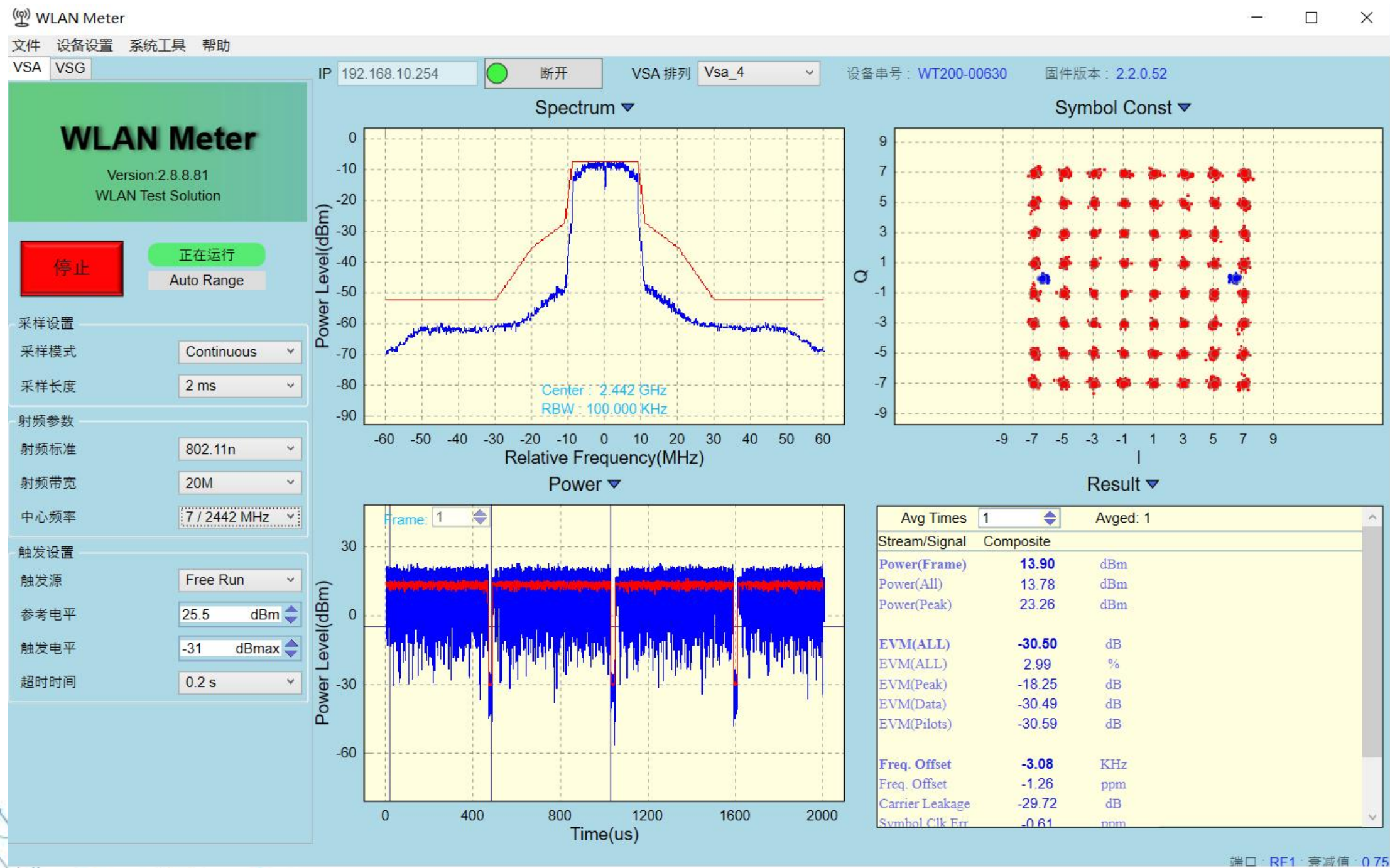
1、802.11n CH1

Tx Power (dBm)	EVM (dB)	CFO (ppm)
13.65	-31.19	-1.36



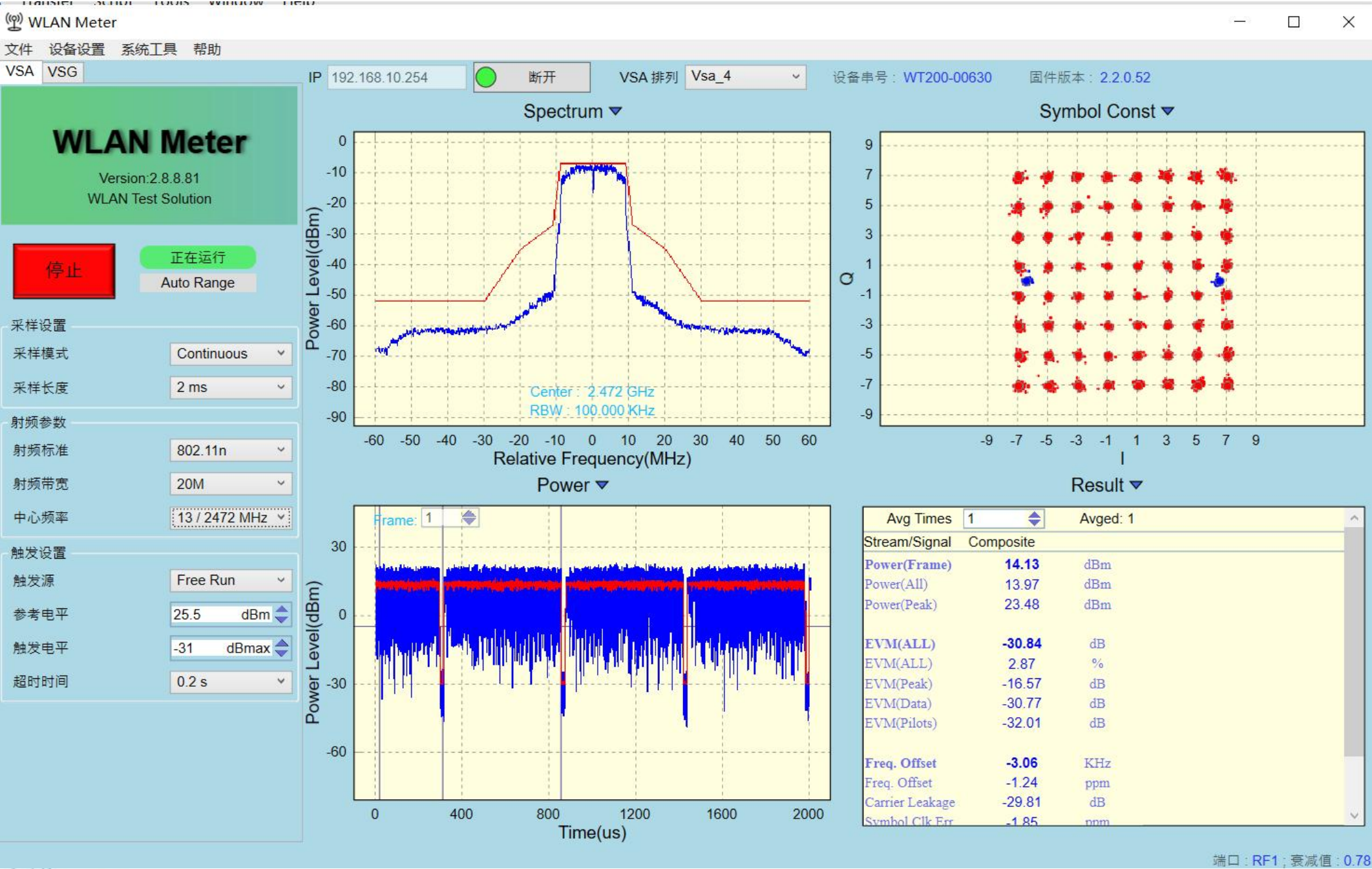
2、802.11n CH7

Tx Power (dBm)	EVM (dB)	CFO (ppm)
13.90	-30.50	-1.26



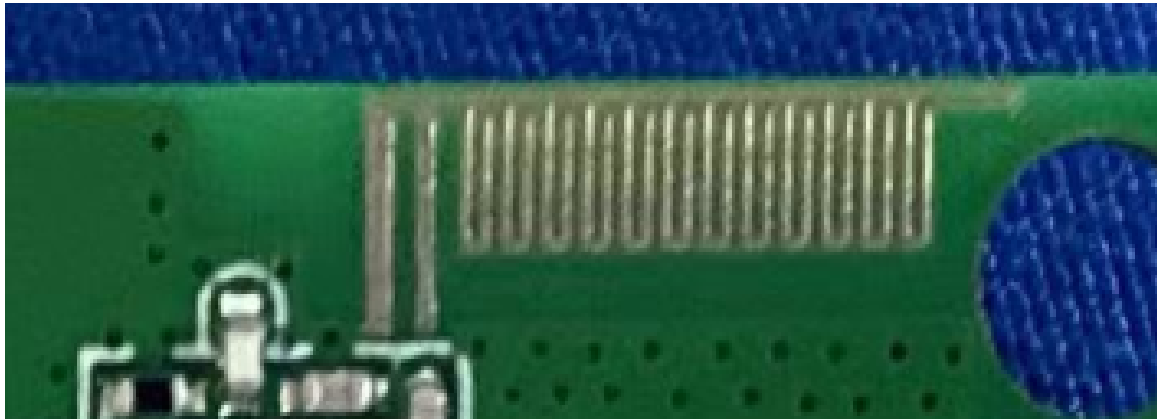
3、802.11n CH13

Tx Power (dBm)	EVM (dB)	CFO (ppm)
14.13	-30.84	-1.24

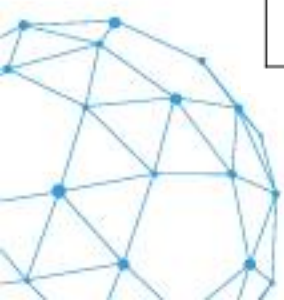


四、天线实物图 / Physical image of antenna

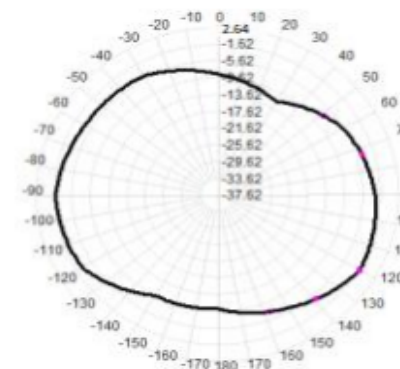
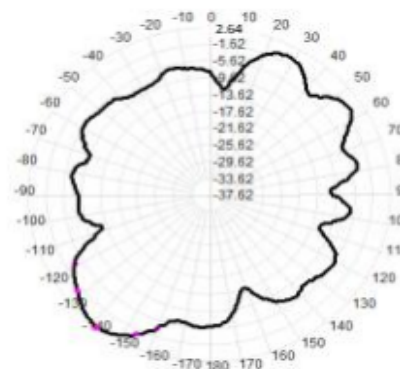
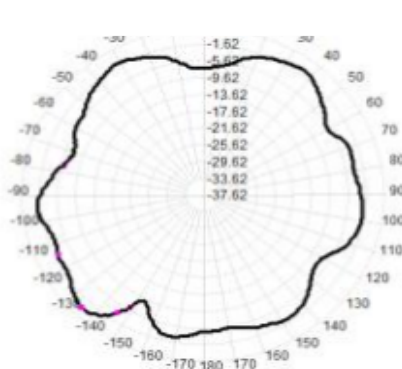
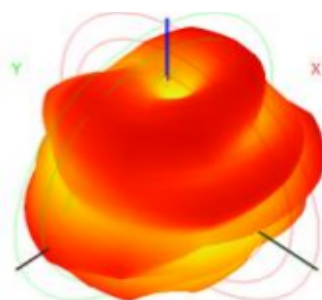
1、



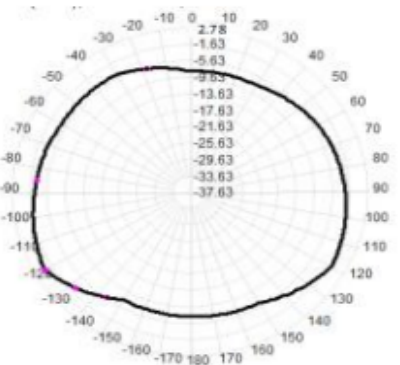
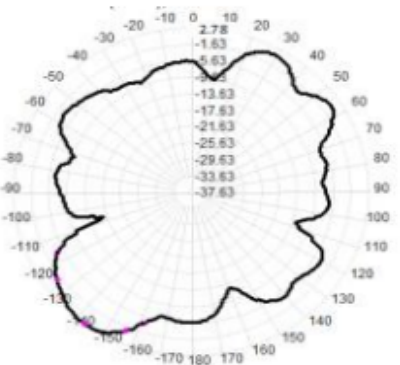
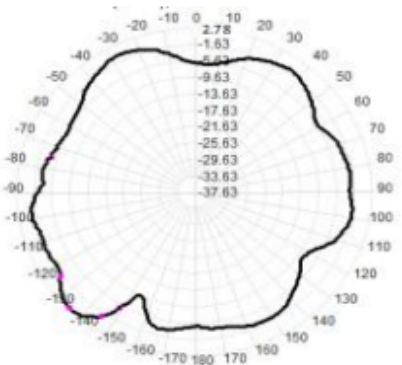
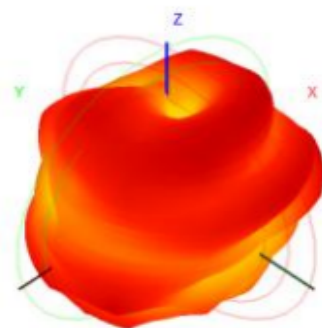
A. Electrical Characteristics	
Frequency 频率	2400-2500 MHz
S.W.R. 驻波比	参考波形
Antenna Gain 增益	2.78dBi
Polarization 极化方式	Linear
Impedance 阻抗	50 Ohm
B. Material & Mechanical Characteristics	
Cable Type 线材规格	OD1.13mm ,Black
Connector Type 连接器规格	I-PEX
C. Environmental	
Storage Temperature 存储温度	- 40 °C ~ +80 °C
Operation Temperature 工作温度	- 40 °C ~ +80 °C



Product Number: AN2450-FPC84BX
Product Name: Antenna



2450MHz



2500MHz

