

# S83USC Antenna report

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## **Overview:**

Antenna Type: PCB Antenna

Antenna model: Ultron

Antenna manufacturer: SHENZHEN SOUTH STAR TECHNOLOGY CO.,LTD

Office address: 803, Tianshu block, Xinggang tongchuanghui, No. 6099, Bao'an Avenue, Xinhe community, Fuhai street, Bao'an District, Shenzhen

Production address: No. 3, Chigang Nanfang 1st Road, Humen Town, Dongguan City, Guangdong Province

## **1. Antenna Specification**

Frequency: 2400MHz~2500 MHz

VSWR: <2

Gain: 2.22 dBi

Return loss: 10dB (Min)

## **2. Gain**

Passive Test For 2.4G		
Freq	Effi	Gain
(MHz)	(%)	(dBi)
2400	53.87	1.83
2410	53.76	1.94
2420	54.95	1.99
2430	53.55	1.86
2440	51.41	1.59
2450	52.98	1.77
2460	53.92	1.95
2470	53.95	2.11
2480	53.49	2.22
2490	50.95	1.93
2500	51.71	1.99
avg	53.14	1.93

### 3. Antenna Pattern

