

Antenna Specification

Brand: E-Lead

Model: EL-827C-FMA1

Antenna type: Coupled Antenna

Connector type: i-pex(MHF)

Frequency Range: 2.4 ~ 2.5GHz

5.15 ~ 5.85GHz

Impedance: 50 Ohm

VSWR: 2.5Max

Peak Gain: 1.3dBi

Admitted Power: 1W

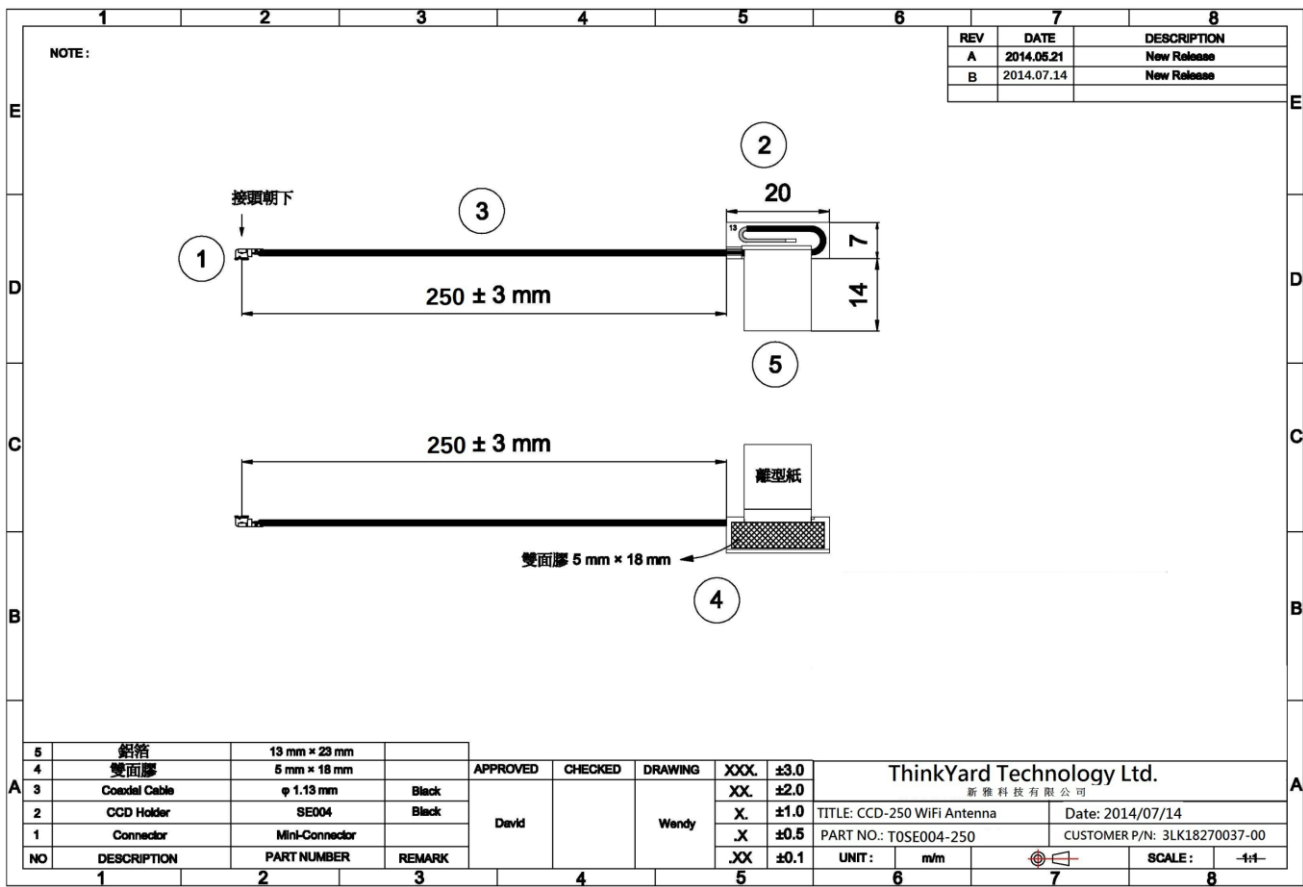
Operating Temperature: -40°C ~85°C

Storage Temperature: -40°C ~85°C

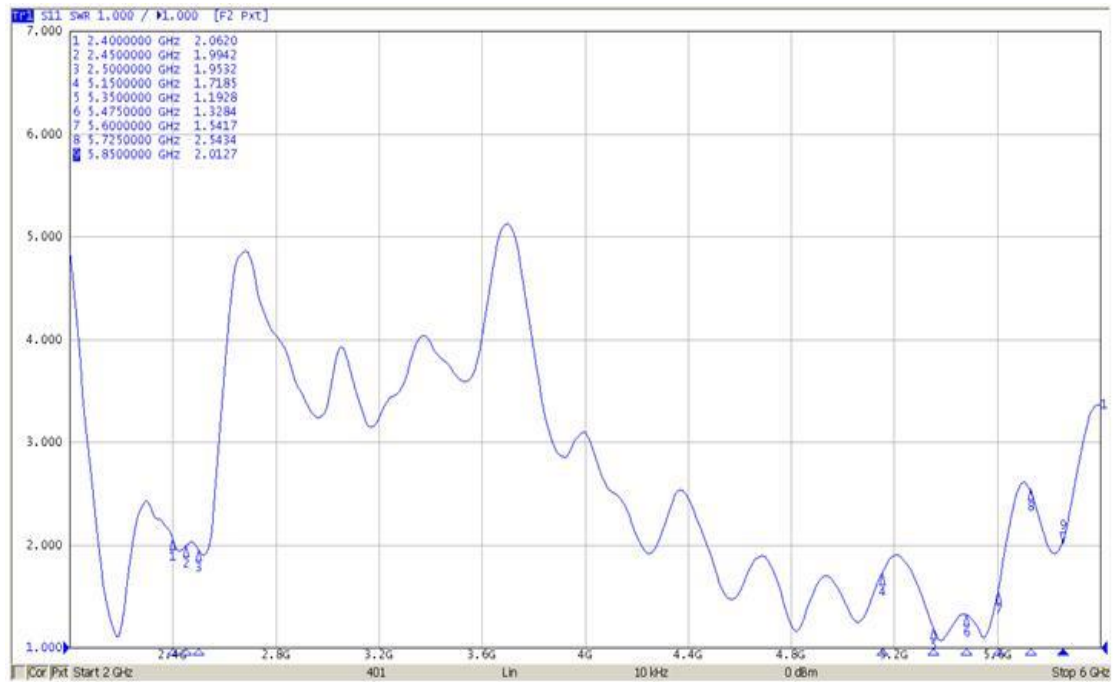
Manufacturer: ThinkYard Technology Ltd.

Manufacturer address: 6F, No. 26, Lane 27, Zhongxiao Road, Hsinchu City

Antenna diagram

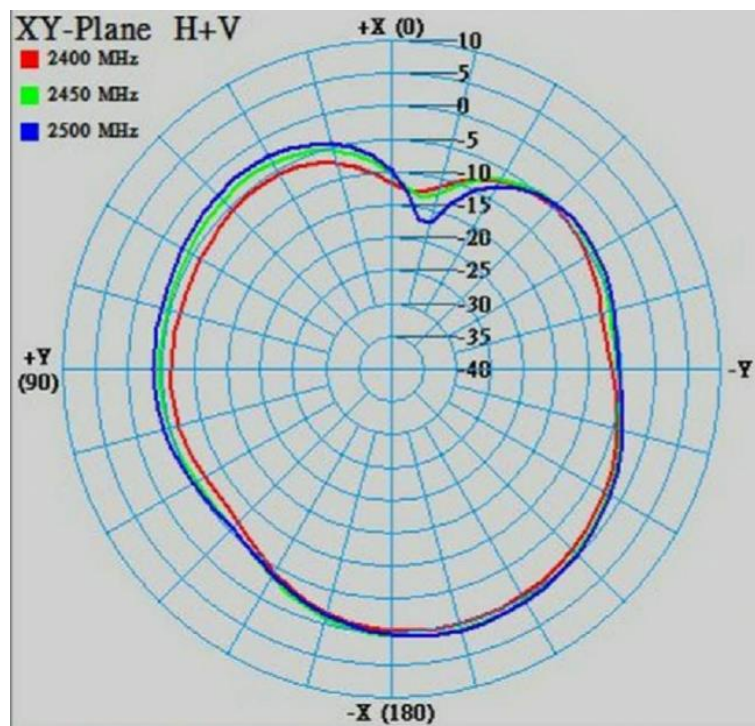


Antenna VSWR

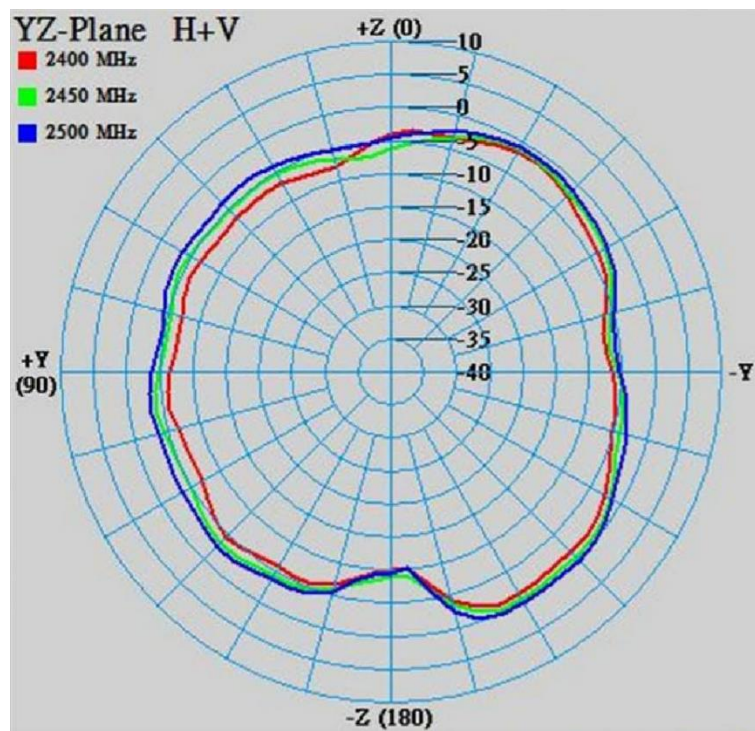


Item	Measurement frequency point	Standard range	Measured value	Units	Result
1	2.4G	VSWR < 3.0	2.062	dBm	OK
2	2.45G	VSWR < 3.0	1.9942		OK
3	2.5G	VSWR < 3.0	1.9532		OK
4	5.15G	VSWR < 3.0	1.7185		OK
5	5.35G	VSWR < 3.0	1.1928		OK
6	5.475G	VSWR < 3.0	1.3284		OK
7	5.6G	VSWR < 3.0	1.5417		OK
8	5.725G	VSWR < 3.0	2.5434		OK
9	5.85G	VSWR < 3.0	2.0127		OK

Antenna XY plane pattern



Antenna YZ plane pattern



Antenna YZ plane pattern

