



SPECIFICATION FOR APPROVAL

2024071601
File No. _____

1.0
Revision _____

客 戶
CUSTOMER: CE LINK LIMITED

客 戶 料 号
CUSTOMER NO: IPC-13LS

品 名 FPC WIFI Antenna 1.13Black MHF1 L=103MM
PART NAME: _____

供 方 料 号 SL308P.300004.P01
SUPPLIER NO: _____

Date: _____

Q'TY: PCS

CUSTOMER APPROVED BY		
APPROVAL	CHIEF	SUPERVISOR

SUPPLIER SIGNATURE		
APPROVAL	CHECK	DESIGN
sunny	ZouJie	LuoYi

SH-RD-F04-A

add: 24 Ju Xiang er Lu, Xiang Wei cun, Dalang Town, Dongguan

Telephone;0769-82226176

Fax; 0769-82226175



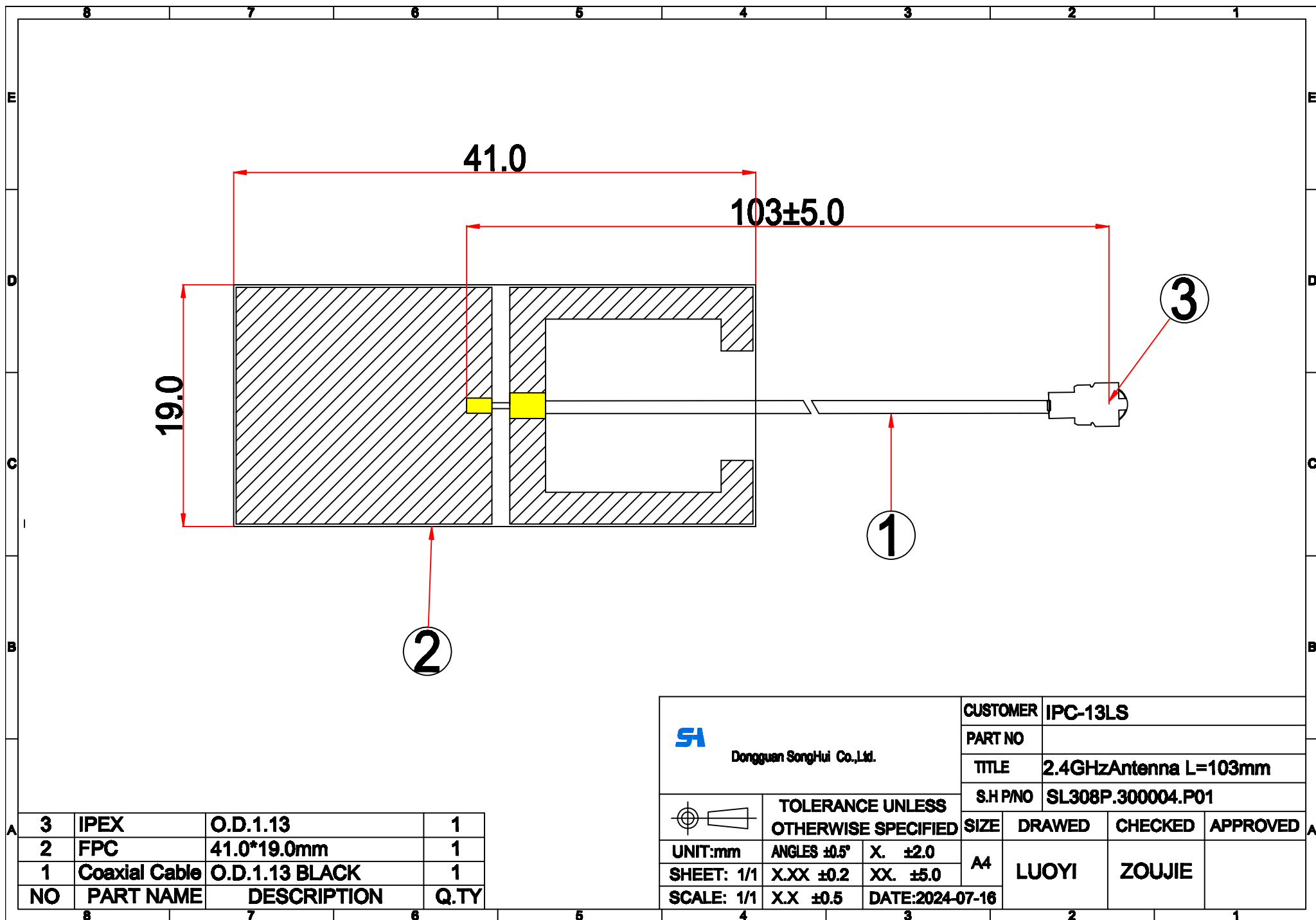
Item list of the acknowledgement

NO.	内 容 (Contents)	页 数 (Number of Page)	页 码 (Page Code)
1	Spec Cover	1	1
2	Spec Item	1	2
3	Drawing	1	3
4	Test Reports	1	4
5	S Parameter	1	5
6	Gain Test	1	6
7			
8			
9	-	-	-
10	-	-	-
11	-	-	-
12	-	-	-

add: 24 Ju Xiang er Lu, Xiang Wei cun, Dalang Town, Dongguan

Telephone;0769-82226176

Fax; 0769-82226175





Electrical Properties

Frequency	2400-2500MHz
Impedance	50 Ohm Nominal
V.S.W.R	1.92 : 1 Max
Return Loss	-10 dB Max
Radiation	Omni-directional
Gain (Peak)	2.86dBi Max
Efficiency	>70%
Polarization	Linear, Vertical
Admitted Power	1 W
Connector	MHF1

Physical Properties

Antenna Material	PCB
Cable Type	O.D. 1.13mm // L=103mm
Operating Temp.	-10 ~ +60 °C
Storage Temp.	-10 ~ +70 °C
Cable Color	Black

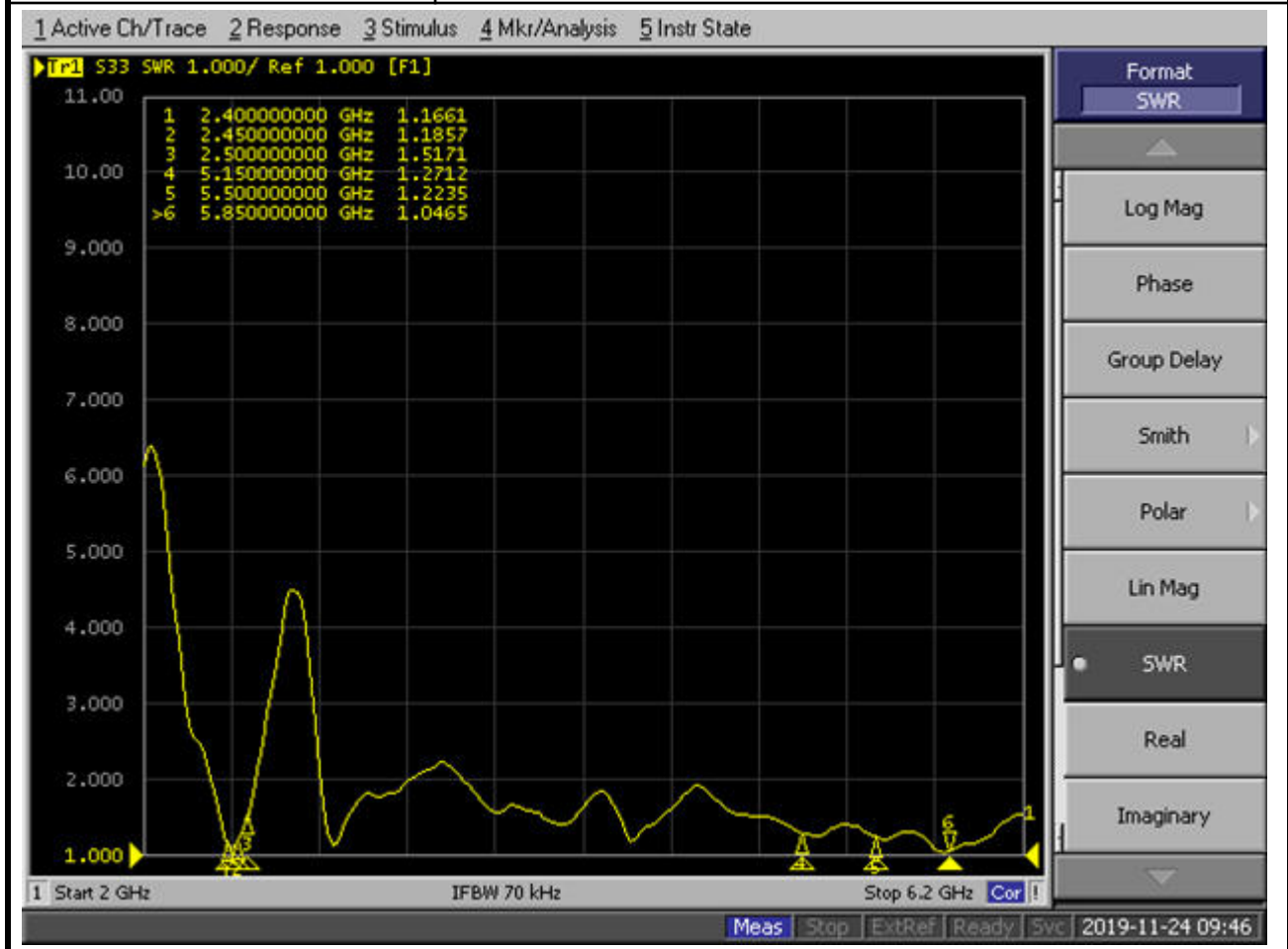
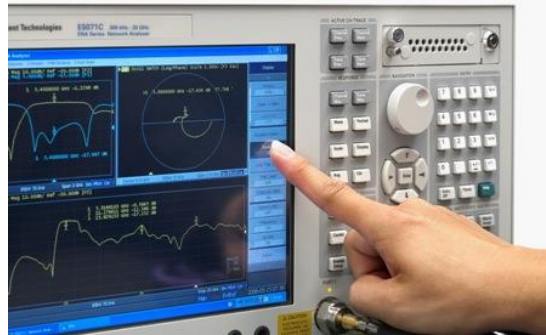
add: 24 Ju Xiang er Lu, Xiang Wei cun, Dalang Town, Dongguan

Telephone;0769-82226176

Fax; 0769-82226175

S Parameter Test

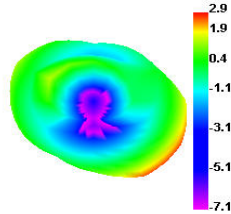
Agilent E5071C



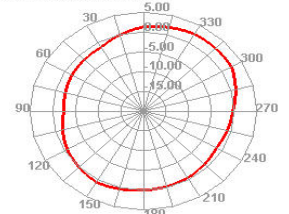
Gain, Efficiency

Freq (MHz)	Effi (%)	Effi (dB)
2400	68.93	2.86
2410	76.58	2.83
2420	71.23	2.85
2430	68.68	2.82
2440	66.67	2.54
2450	65.09	2.38
2460	71.02	2.86
2470	68.59	2.64
2480	66.95	2.45
2490	62.69	2.35
2500	70.1	2.46

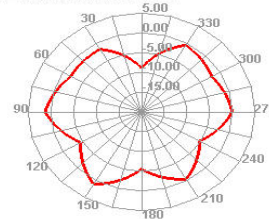
2400.000MHz



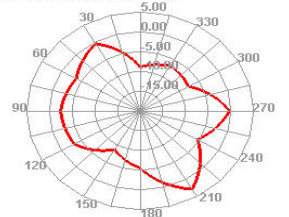
2400.000MHz H



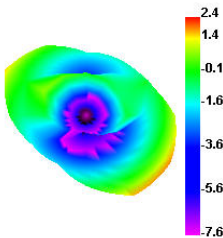
2400.000MHz E1



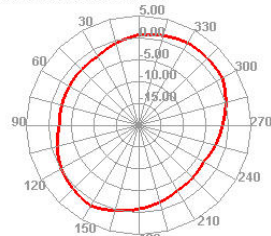
2400.000MHz E2



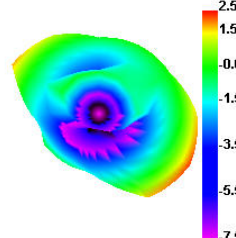
2450.000MHz



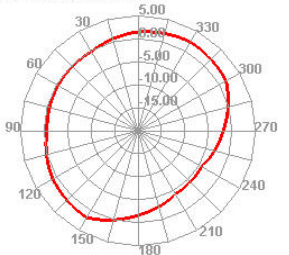
2450.000MHz H



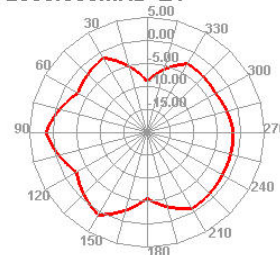
2500.000MHz



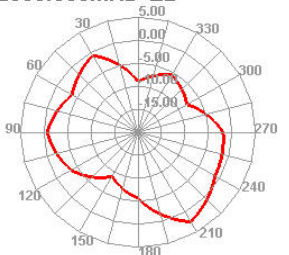
2500.000MHz H



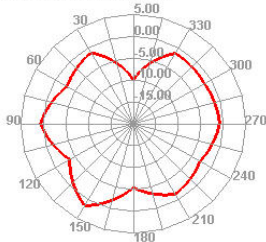
2500.000MHz E1



2500.000MHz E2



2450.000MHz E1



2450.000MHz E2

