

SPECIFICATION

CUSTOMER : Wistron
PART NAME : Jaws BLE Antenna
DEVE NUMBER : T-0312
AUDEN P/N : B12485-30 、 B12490-30
WISTRON P/N:
Ant. type: PIFA
DATE : 2022/05/23
DATASHEET REVISION : 00
MANUFACTURE: Auden Kunshan

Auden Techno Corp.			
RF ENGINEER CHECKED	MECHANICAL ENGINEER CHECKED	R&D MANAGER CHECKED	PRODUCT MANAGER CHECKED
Danny Zheng	Tony Cheng	Jacky Tsai	Tony Lee

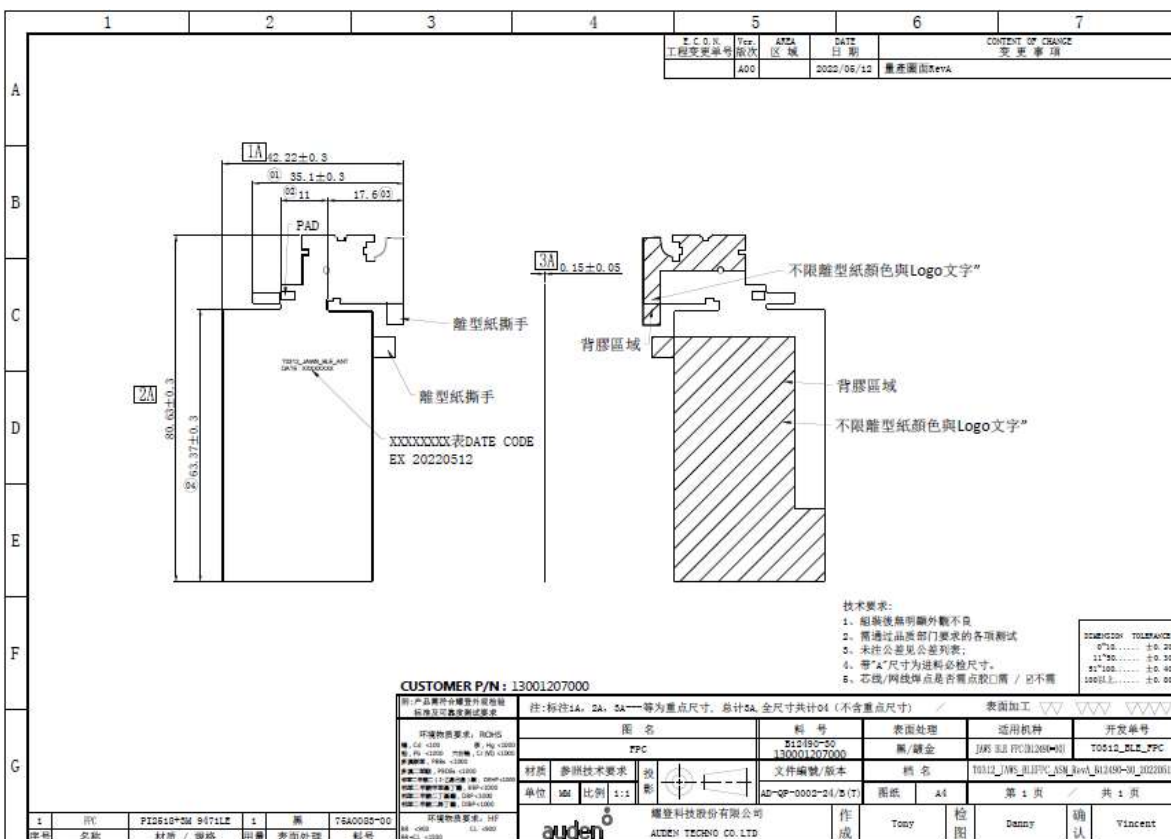


Auden Techno Corp.

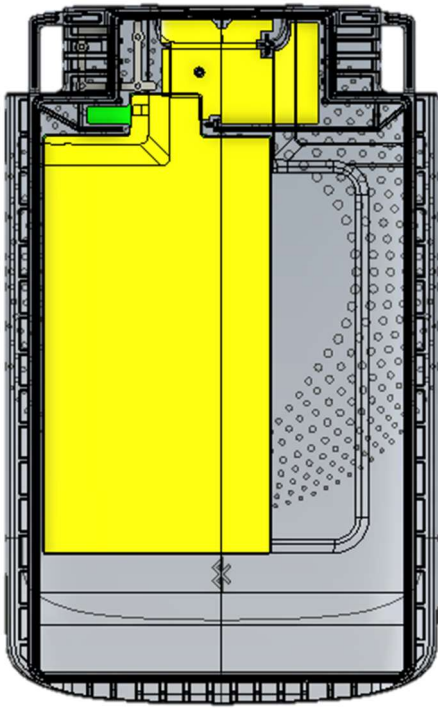
NO.19,LANE 772 HO-PING ROAD,PA-TE CITY, TAO-YUAN HSIEN,TAIWAN

TEL : 886-3-3631901

FAX : 886-3-366061



Antenna 3D Drawing and Photograph:

Antenna 3D Drawing	Antenna Photograph
	

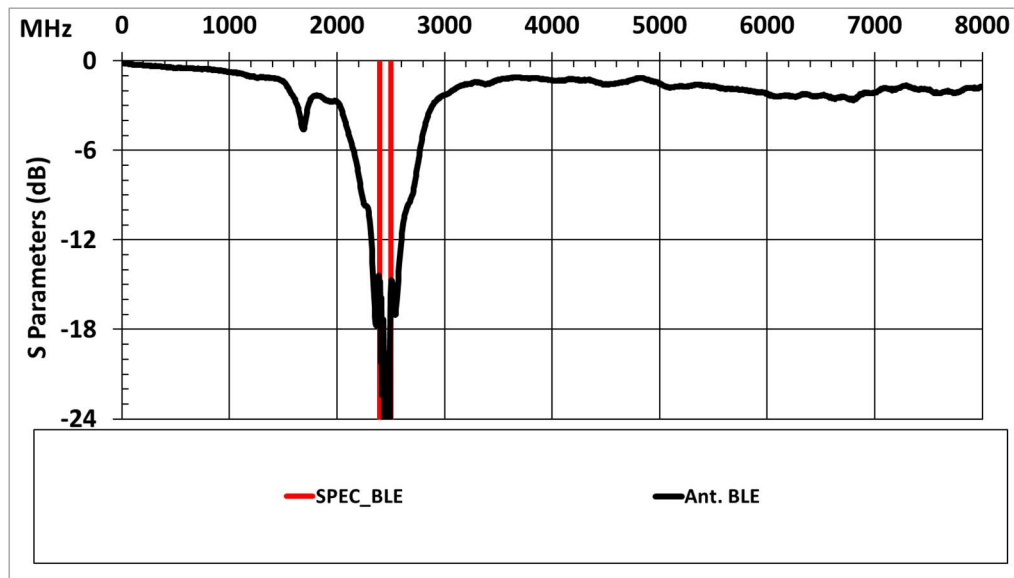
Antenna Performance

1. Ant.BLE(T/RX antenna)

◆ Description

Frequency Range	2402~2483MHz
Impedance	50Ω
Return Loss	As shown below S11
Peak Gain	3.61dBi @ 2475MHz(test in anechoic chamber)
Admitted Power	N/A
Cable	N/A
Antenna Type	PIFA
Connector	N/A
Process	Stamping Insert molding

◆ Antenna Return Loss



◆ Antenna Efficiency(test in anechoic chamber)

Ant. BLE performance		
BLE	Avg. Gain	Peak Gain
2400	-4.69	3.05
2402	-4.72	2.66
2425	-4.60	3.61
2441	-4.65	3.44
2450	-4.30	3.32
2475	-4.21	3.61
2483	-4.32	3.56
2500	-4.37	2.84

◆ Antenna 3D Radiation Pattern

