



# Product Specification

---


## Multi Band Antenna

(INNO-APC-0296)









Supplier : INNO-LINK co.,LTD


R&D Center : Inno Link Building, 970-4 Dangjeong-dong, Gunpo-si,  
Gyeonggi-do, 435-870, Korea

	Description:			
	<b>Antenna Product Specification</b>			
Specification No.	Customer.	Rev.	Date	
<b>INNO-APC-0296</b>	<b>Ecubelabs</b>	<b>1.0</b>	<b>OCT. 22, 2020</b>	

# Antenna Approval Sheet


<b>Product Name</b>	<b>Antenna</b>
<b>Frequency band</b>	824MHz ~ 960MHz / 1850MHz ~ 2170MHz / 2490MHz ~ 2690MHz
<b>Part No.</b>	INNO-APC-0296
<b>Customer code</b>	-
<b>Customer</b>	Ecubelabs
<b>Provider</b>	INNO-LINK

<b>INNO-LINK</b>	Classification	DIRECTOR	EXAMINATION	APPROVAL
	RF			
<b>APPROVAL</b>	MECHANICAL			
<b>Ecubelabs</b>	Classification	DIRECTOR	EXAMINATION	APPROVAL
	MECHANICAL			

	Description:			
	<b>Antenna Product Specification</b>			
Specification No.	Customer.	Rev.	Date	
<b>INNO-APC-0296</b>	<b>Ecubelabs</b>	<b>1.0</b>	<b>OCT. 22, 2020</b>	


# Index

<b>1 Revision List</b> .....	4
<b>2 Technical Report</b> .....	5
<b>2.1 Specification</b> .....	5
<b>2.2 Electrical Specification</b> .....	5
<b>2.2.1 Radiation Pattern</b> .....	5
<b>3. Mechanical specifications</b> .....	6
<b>3.1 Demensions</b> .....	6

	Description: <b>Antenna Product Specification</b>			
	Specification No. <b>INNO-APC-0296</b>	Customer. <b>Ecubelabs</b>	Rev. <b>1.0</b>	Date <b>OCT. 22, 2020</b>

### 1 Revision List

NO	Date	Before change	After change	Reason	Rev.
1	2020.10.22			NEW	1.0

	Description:			
	<b>Antenna Product Specification</b>			
Specification No.	Customer.	Rev.	Date	
<b>INNO-APC-0296</b>	<b>Ecubelabs</b>	<b>1.0</b>	<b>OCT. 22, 2020</b>	

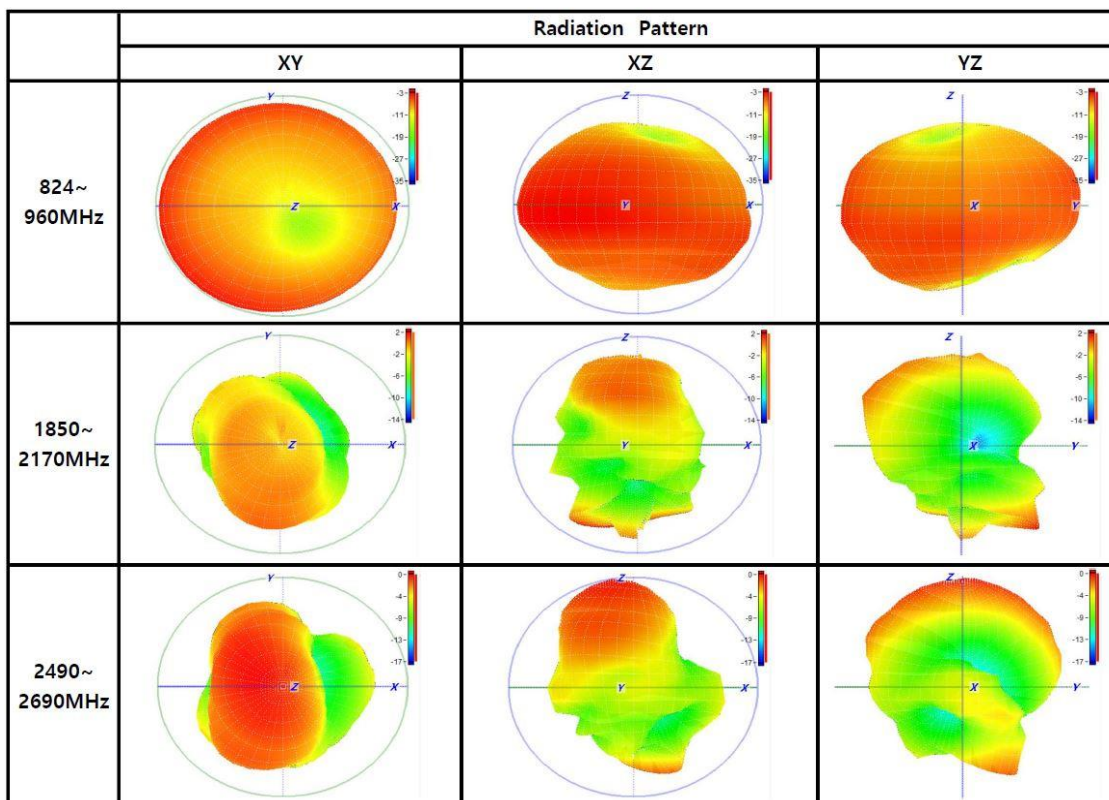
## 2 Technical Report

### 2.1 Specification

<b>Frequency Range</b>	824MHz ~ 960MHz	1850MHz ~ 2170MHz	2490MHz ~ 2690MHz
<b>VSWR (Under)</b>	≤ 5.5	≤ 6.8	≤ 5.5
<b>Peak Gain [dBi] (Under)</b>	1.7dBi	3.0dBi	2.5dBi
<b>Impedance</b>	50Ω		
<b>Polarization</b>	Linear		
<b>Directivity</b>	Omni-directional		
<b>Power Handling</b>	2 Watt		

### 2.2 Electronical Specification

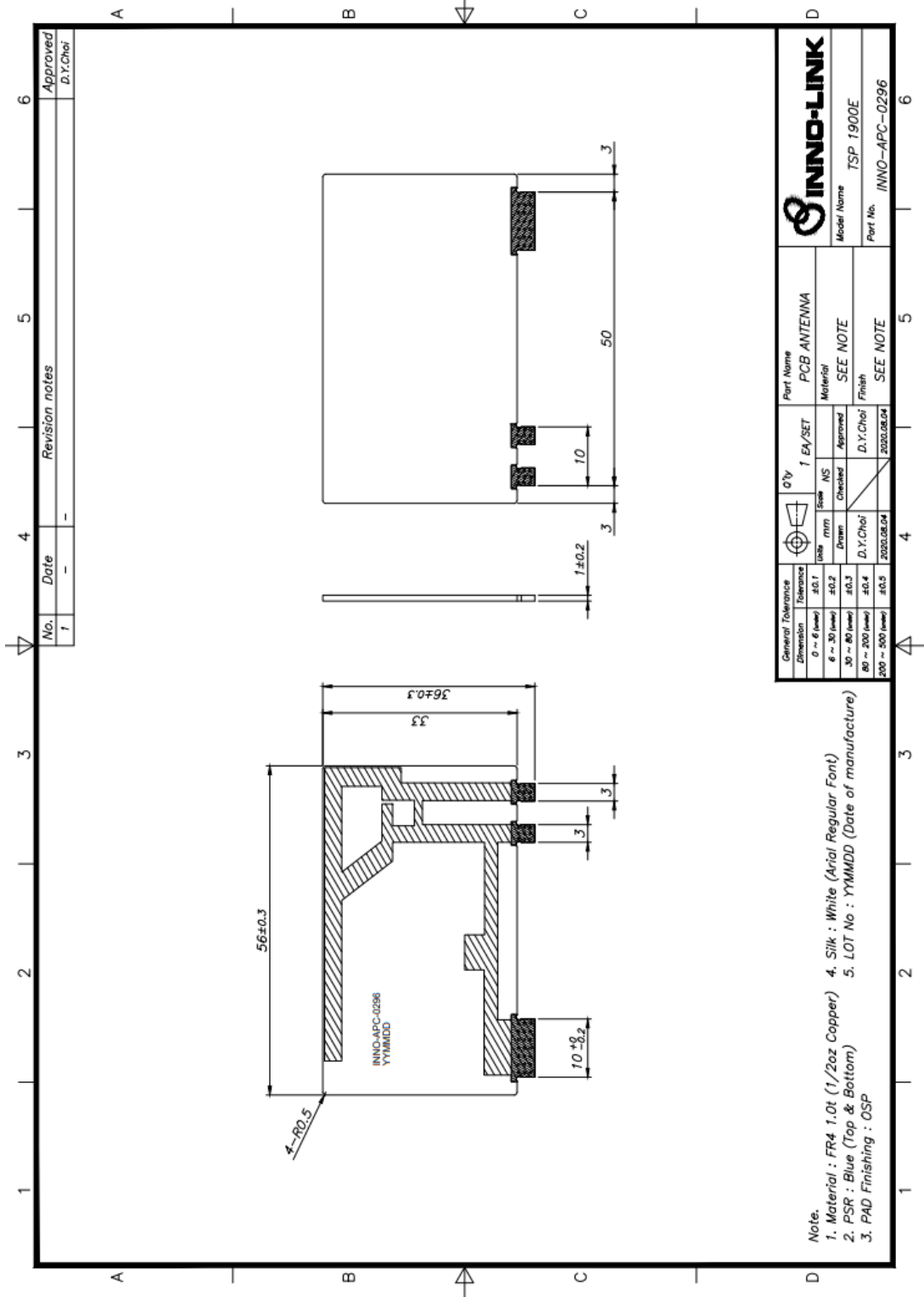
#### 2.2.1 Radiation Pattern



Description: <b>Antenna Product Specification</b>			
Specification No. <b>INNO-APC-0296</b>	Customer. <b>Ecubelabs</b>	Rev. <b>1.0</b>	Date <b>OCT. 22, 2020</b>

### 3. Mechanical specifications

#### 3.1 Dimensions



No.	Date	Revision notes	Approved
1	-	-	D.Y.Choi

		Part Name	PCB ANTENNA
Qty	1 EA/SET	Material	SEE NOTE
Unit	NS	Finish	TSP 1900E
Drawn	D.Y.Choi	Checked	SEE NOTE
Drawn	2020.08.04	Checked	2020.08.04
Part No.	INNO-APC-0296		

- Note:
- Material : FR4 1.0t (1/2oz Copper)
  - PSR : Blue (Top & Bottom)
  - PAD Finishing : OSP
  - Silk : White (Arial Regular Font)
  - LOT No : YYMMDD (Date of manufacture)