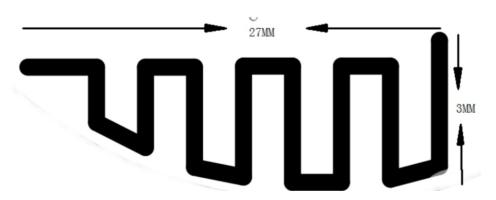
# **SPECIFICATIONS**

CUSTOMER:	
DESCRIPTION:	Unipolar antenna Specification
CUSTOMER PART N	lo:
OUR MODEL NO: _	Unipolar antenna Specification
DATE:	2020/12/22

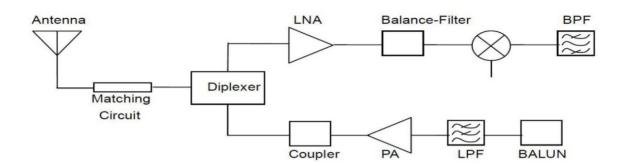
PLEASERETRUV TO US ONE COPY OF "SPECIFICATION FOR APPROVAL"
WITY YOUR APPROVED SIGNATURES

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SCALE: N/A	UNIT: mm	THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF PB. TECHNOLOGY Limited AND SHALL NOT BE REPRODUCED OR USED AT THE BASIS FOR THE MANUFACTURE OR SALE OF APPARATUS OF DEVICES WITHOUT PERMISSION		-
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DESIGNED BY: Sera	APPROVED BY: XD			
TITLE: CHIP2450 Specification		DOCUMENT		SPEC REV.
		NO.		P1

## APPLICATION GUIDE



## 5. SPECIFICATIONS:

No.	Product number	PBX3216DA01	
1	Central Frequency	2440	MHz
2	Bandwidth	100 (Min.)	MHz
3	Return Loss	-11.96 (Max.)	dB
4	Peak Gain	0.8	dBi
5	Impedance	50	Ω
6	Operating Temperature	-40~+85	C
7	Maximum Power	5	w
8	Resistance to soldering heat	10 (@260℃)	Sec.
9	Polarization	Linear	
10	Azimuth Beam width	Omni-directiona	I
11	Termination	Sn (leadless)	
UNLESS C	THER SPECIFIED TOLERANCES ON:	Shenzhen Pengba	nxingye Technolo

UNLESS OTHER SPECIFIED TOLERANCES ON:		Shenzhen Pengbanxingye Technology Co., Ltd		
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# 6. Electrical Characteristics:



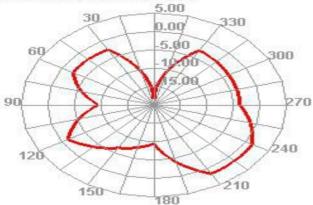


Frequency (MHz)	2400	2450	2500
Avg. Gain (dBi)	-1.83	-1.86	-2.97
Peck Gain (dBi)	0.8	0.75	1.1
Efficiency (%)	65.5	65.22	50.45

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TITLE: CHIF 2430 Specification		l NO.		D1

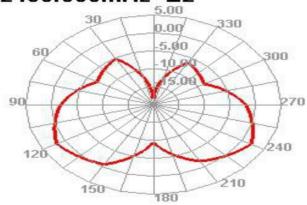
#### X-Y Plane





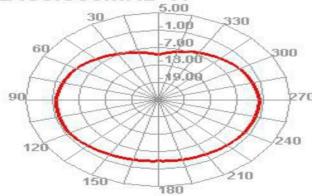
#### X-Y Plane

2450.000MHz E2



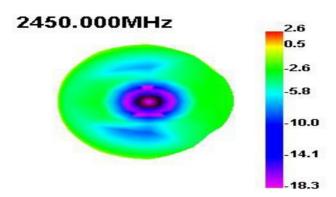
#### X-Y Plane

2450.000MHz H



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				P1

# **3D Radiation Pattern**



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DESIGNED BY: Sera	APPROVED BY: XD			
TITLE: CHIP2450 Specification		DOCUMENT		SPEC REV.
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