

SPECIFICATIONS

CUSTOMER: _____

DESCRIPTION: _____ Unipolar antenna Specification

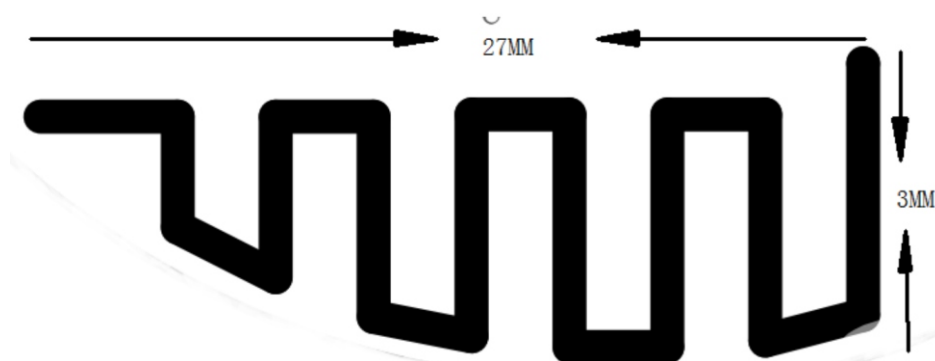
CUSTOMER PART No: _____

OUR MODEL NO: _____ Unipolar antenna Specification

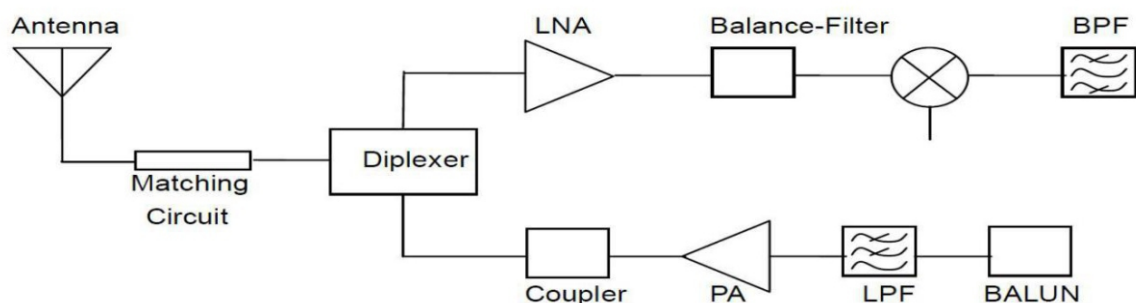
DATE: _____ 2020/12/22

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DESIGNED BY: Sera	APPROVED BY: XD		
TITLE: CHIP2450 Specification		DOCUMENT NO.	SPEC REV. 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°C)	Sec.
9	Polarization	Linear	
10	Azimuth Beam width	Omni-directional	
11	Termination	Sn (leadless)	

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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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Specification

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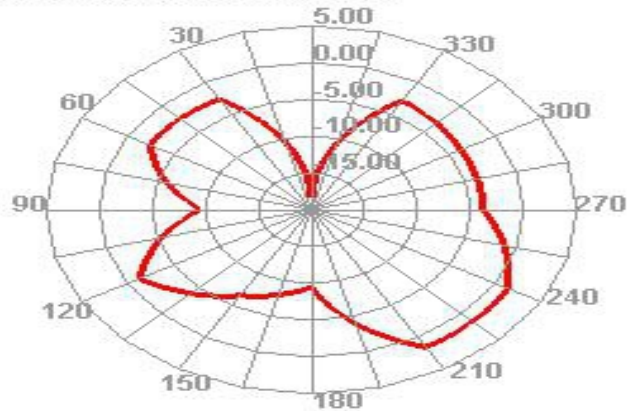
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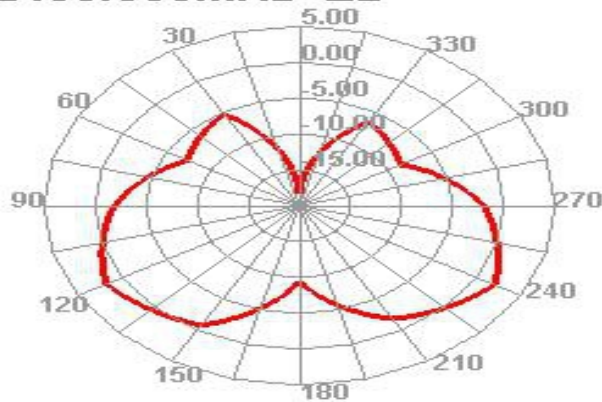
X-Y Plane

2450.000MHz E1



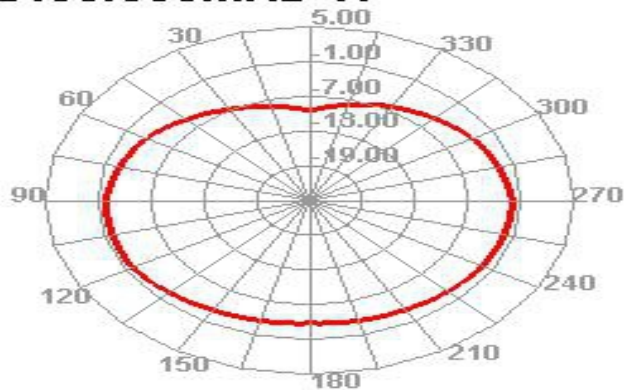
X-Y Plane

2450.000MHz E2



X-Y Plane

2450.000MHz H



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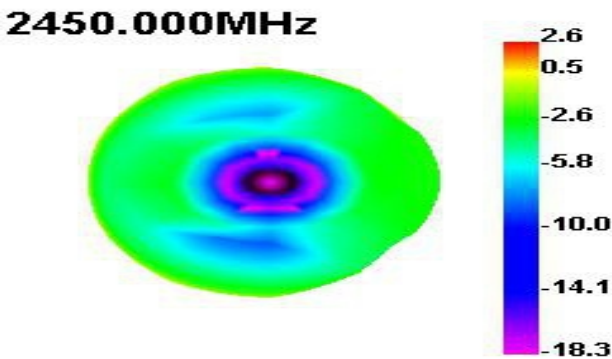
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3D Radiation Pattern



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