



2.4GHz FPC BUILT-IN ANTENNA

TECHNICAL DATA SHEET

DZP(TX2400-FPC-5015)

VERSION: 3.3 DATE: 2021-08-03

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CHENGDU ZIISOR TECHNOLOGY CO., LTD. EXPERT OF IOT ANTENNAS

TX2400-FPC-5015



IPX-I

TX2400-FPC-5015

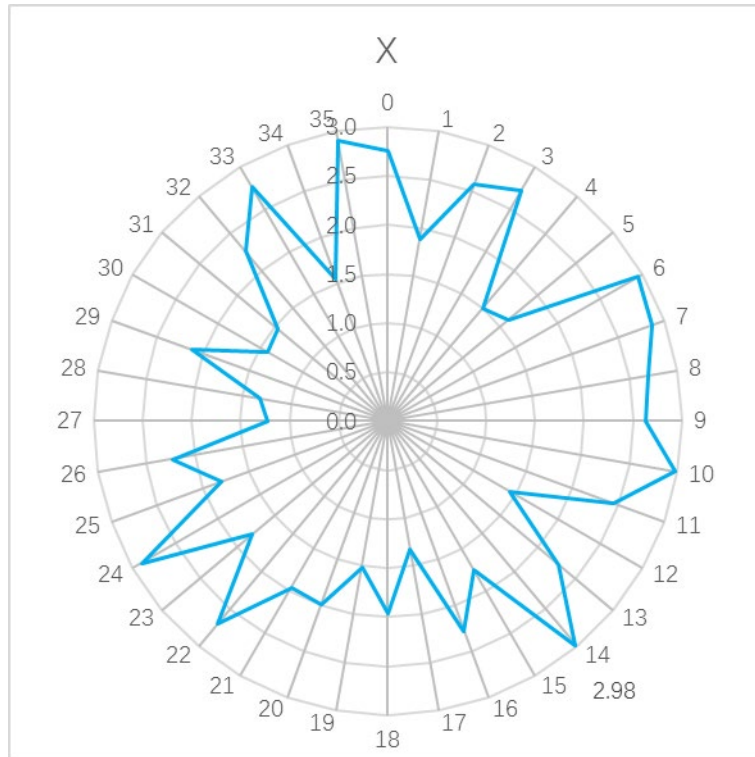
NO.	MECHANICAL SPECIFICATIONS	VALUE	COMMENT
01	Part Number	DZP(TX2400-FPC-5015)	Omni Antenna
02	Material	FPC	
03	Connector Type	IPEX-1	
04	Antenna Colour	Black	
05	Overall Size	50*15mm	
06	Cable Length	130mm	Cable Customizable
07	Weight	1g	
NO.	ELECTRICAL SPECIFICATIONS	VALUE	COMMENT
01	Frequency	2.4GHz	2.4~2.5GHz
02	Antenna Gain	3.0dBi	
03	Radiation type	Omnidirectional	
04	Polarization	Linear	Vertical
05	Nominal Impedance	50Ω	
06	Max Input Power	2W	
077	S.W.R.	≤1.5	
NO.	ENVIRONMENTAL SPECIFICATIONS	VALUE	COMMENT
01	Operation Temperature	-30°C ~ +75°C	
02	Storage Temperature	-30°C ~ +75°C	
03	RoHS Compliant	YES	

Antenna Gain

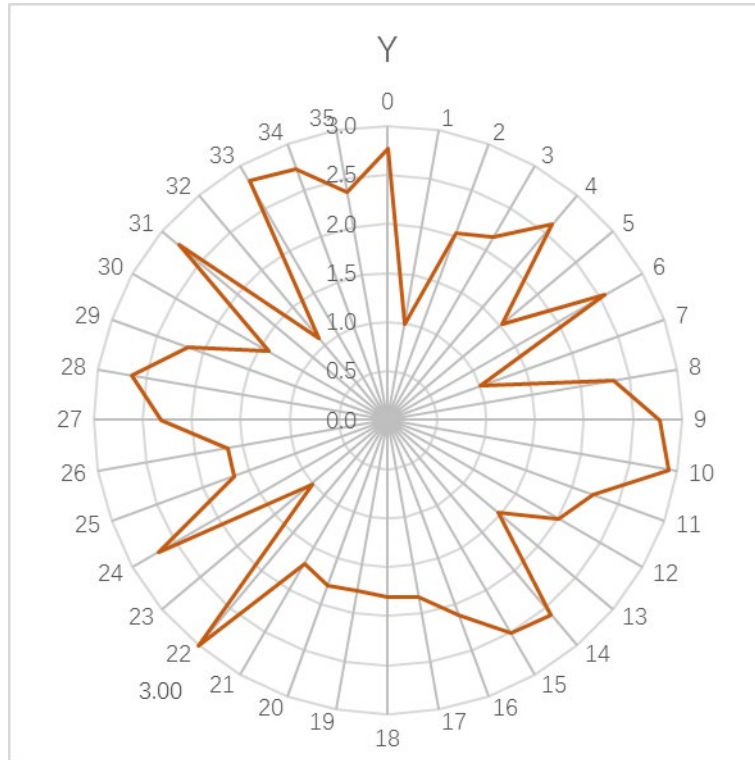
Frequency (MHz)	Gain (dBi)	Frequency (MHz)	Gain (dBi)
2400	2.75	2455	2.98
2405	1.88	2460	1.75
2410	2.57	2465	2.28
2415	2.72	2470	1.33
2420	1.50	2475	1.96
2425	1.60	2480	1.51
2430	2.95	2485	1.99
2435	2.87	2490	1.96
2440	2.70	2495	2.69
2445	2.63	2500	1.80
2450	3.00		

Pattern

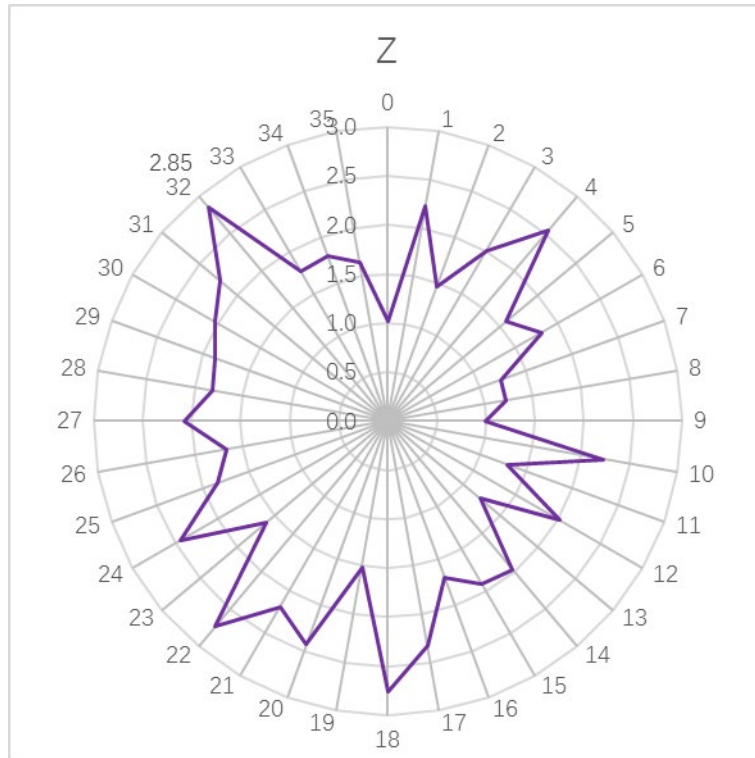
X: 2450 MHz



Y: 2450 MHz



Z: 2450 MHz



DISCLAIMER

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