

	深圳市韶音科技有限公司	表单编号	SKZ-QR-QP09-002
	天线规格说明书	表单版本	A/0

Bluetooth antenna specification

1. General Specifications

Model	OPENFIT 2/SHOKZ T920
Antenna manufacturer	Shenzhen Shokz Co., Ltd.
Address of antenna manufacturer	Floors 1-4, Factory Building 26, Shancheng Industrial Park, Langxin Community, Shiyan Street, Bao'an District, Shenzhen, Guangdong, China
Antenna type	Monopole Antenna
Material	Sabic D10001VI
Modulation Type	GFSK,8DPSK, $\pi/4$ DQPSK
Number of channels	79
Frequency Range(MHz)	2402MHz~2480MHz
Peak Gain(dBi)	-3.6
Average Gain(dBi)	-4.1
Return Loss(dB)	-10dB
Impedance(Ω)	50 Ω
Operating Temperature ($^{\circ}\text{C}$)	-40 to +85 $^{\circ}\text{C}$

2.Dimension information

(1) Mechanical Dimensions (mm) :
17.37mm×10.65mm

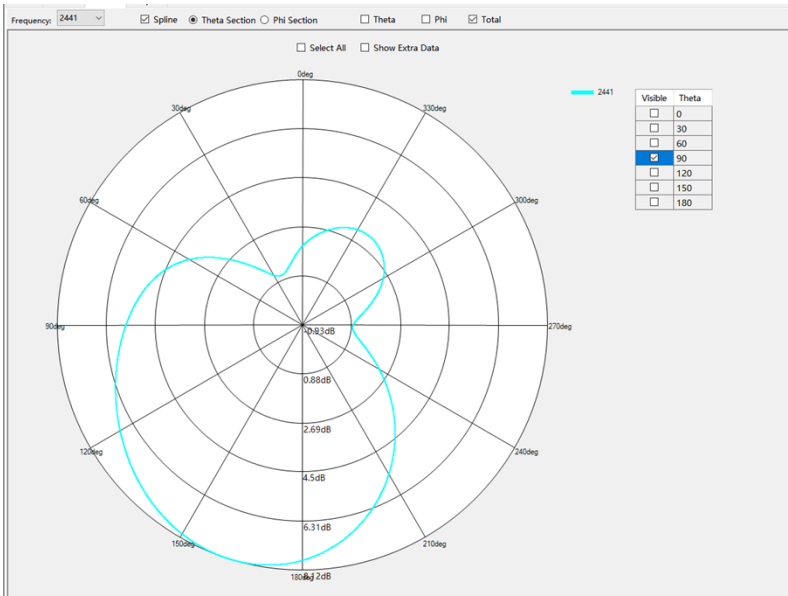
(2) Dimension drawing:

3、Antenna Gain（Peak Gain with dBi Value）：-3.6 dBi

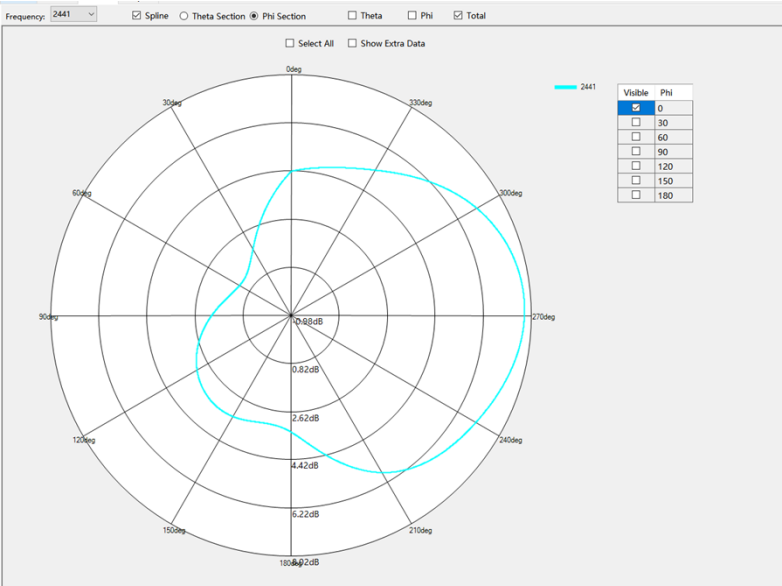
Freq	Effi	Effi	Gain
(MHz)	(%)	(dB)	(dBi)
2390	11%	-9.8	-4.5
2405	11%	-9.4	-4.1
2420	12%	-9.2	-3.9
2435	13%	-8.9	-3.6
2450	11%	-9.4	-4.1
2465	11%	-9.5	-4.2
2480	11%	-9.5	-4.2

4、Directivity diagram
有源方向图

Theta=90°



Phi=0°



Phi=90°

