	<b>深圳市韶音科技有限公司</b>	表单编号	SKZ-QR-QP09-002
	<b>天线规格说明书</b>	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( $\Omega$ )	50 $\Omega$
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

SHOKZ 韶音	深圳市韶音科技有限公司	文件编号:	SKZ-QR-QP09-001
	Bluetooth antenna specification	文件版本:	A/0
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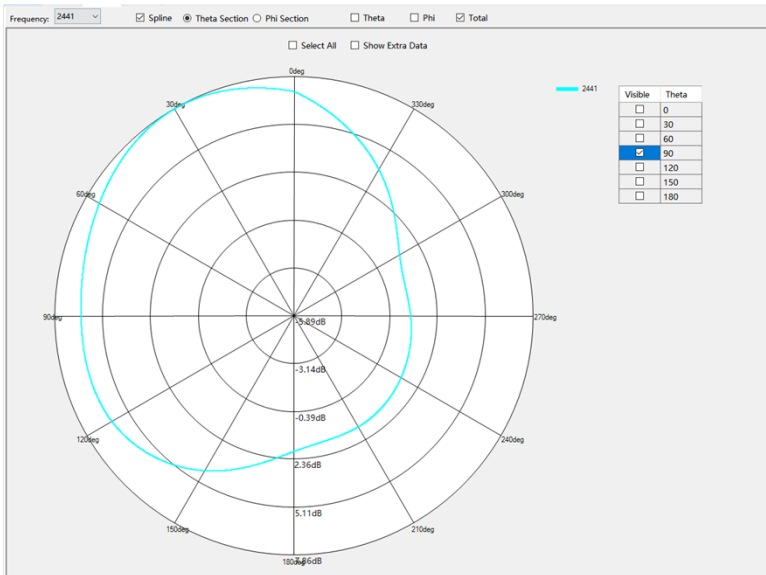
### 3、Antenna Gain (Peak Gain with dBi Value) : -3.6 dBi

Freq (MHz)	Effi (%)	Effi (dB)	Gain (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

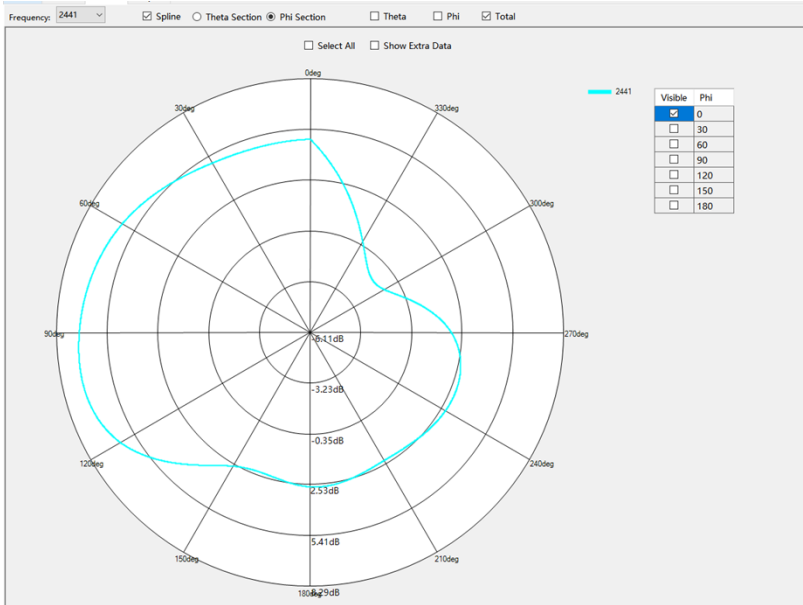
### 4、Directivity diagram

有源方向图

Theta=90°



Phi=0°



Phi=90°

