

	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	SHOKZ S610; SHOKZ S611
Antenna manufacturer	Shenzhen Shokz Co., Ltd.
Address of antenna manufacturer	Floors 1-4, Factory Building 26, Shancheng Industrial Park, Shixin Community, Langxin Community, Shiyan Street, Bao'an District, Shenzhen, Guangdong, China
Antenna type	PIFA Antenna
Material	Beryllium copper C17530 HT
Modulation Type	GFSK, 8DPSK, $\pi/4$ DQPSK
Number of channels	79
Frequency Range(MHz)	2402MHz~2480MHz
Peak Gain(dBi)	-3dBi
Average Gain(dBi)	-3.47dBi
Return Loss(dB)	-10dB
Impedance(Ω)	50 Ω
Operating Temperature (°C)	-40 to +85°C

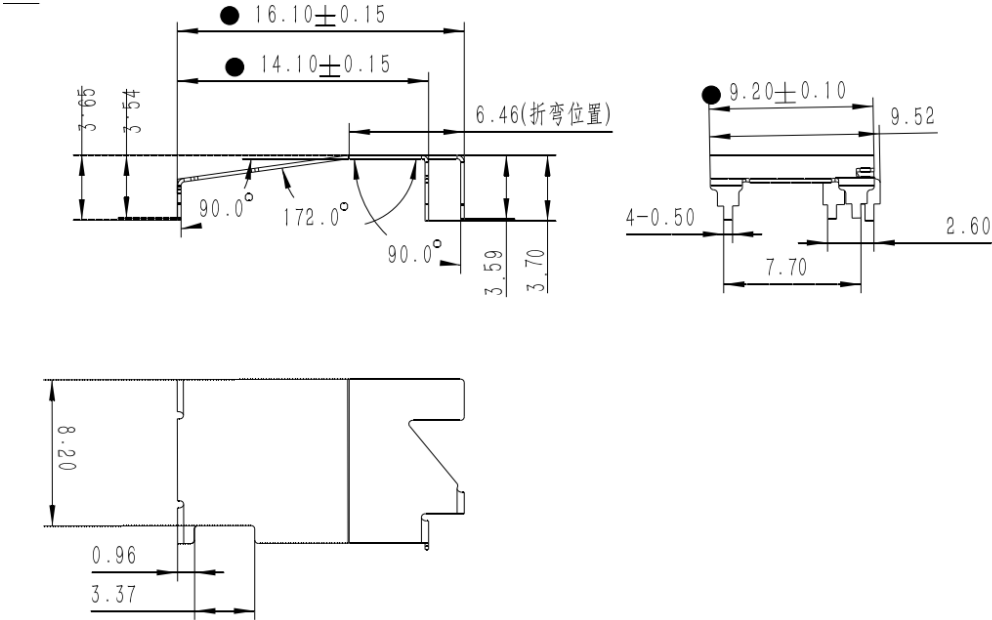
Dimension information

(1) Mechanical Dimensions (mm) :

16.1 mm×9.2mm×3.7mm

(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
		文件版本:	A/0
	Bluetooth antenna specification	页次:	第 1 页 共 1 页



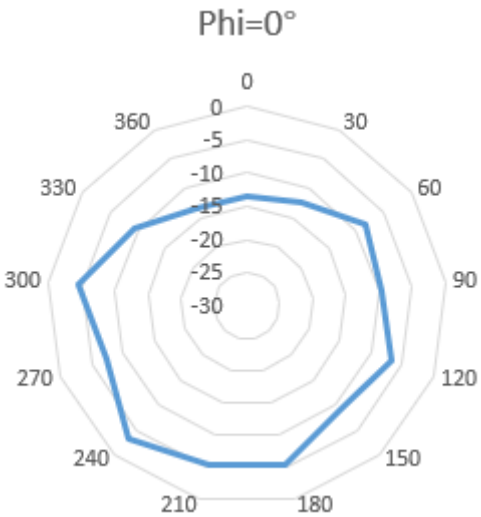
3、Antenna Gain（Peak Gain with dBi Value）：-3.0 dBi

Freq	Effi	Effi	Gain
(MHz)	(%)	(dB)	(dBi)
2400	14.37	-8.43	-3.00
2420	13.63	-8.66	-3.49
2440	13.22	-8.79	-3.51
2460	12.93	-8.88	-3.36
2480	12.82	-8.92	-4

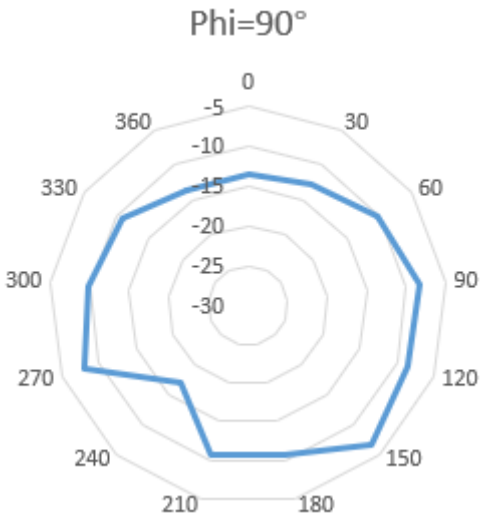
4、Directivity diagram(截图需包含色标)

SHOKZ 韶音	深圳市韶音科技有限公司	文件编号:	SKZ-QR-QP09-001
		文件版本:	A/0
	Bluetooth antenna specification	页次:	第 1 页 共 1 页

Phi=0°



Phi=90°



Theta=120°

SHOKZ 韶音	深圳市韶音科技有限公司	文件编号:	SKZ-QR-QP09-001
		文件版本:	A/0
	Bluetooth antenna specification	页 次:	第 1 页 共 1 页

