

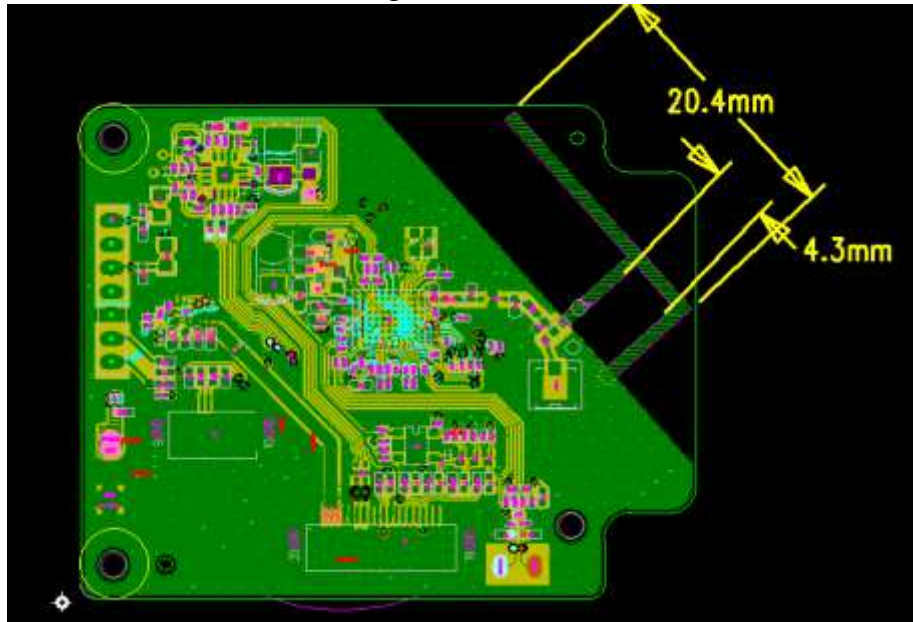
Antenna Spec

Antenna Vendor: Shenzhen Horn Audio Co., Ltd.

Antenna Vendor address: Shenzhen Horn Audio Co., Ltd.

No. 6, 4th Guihua Road, Pingshan New District, Shenzhen City,
Guangdong Province, P.R. China

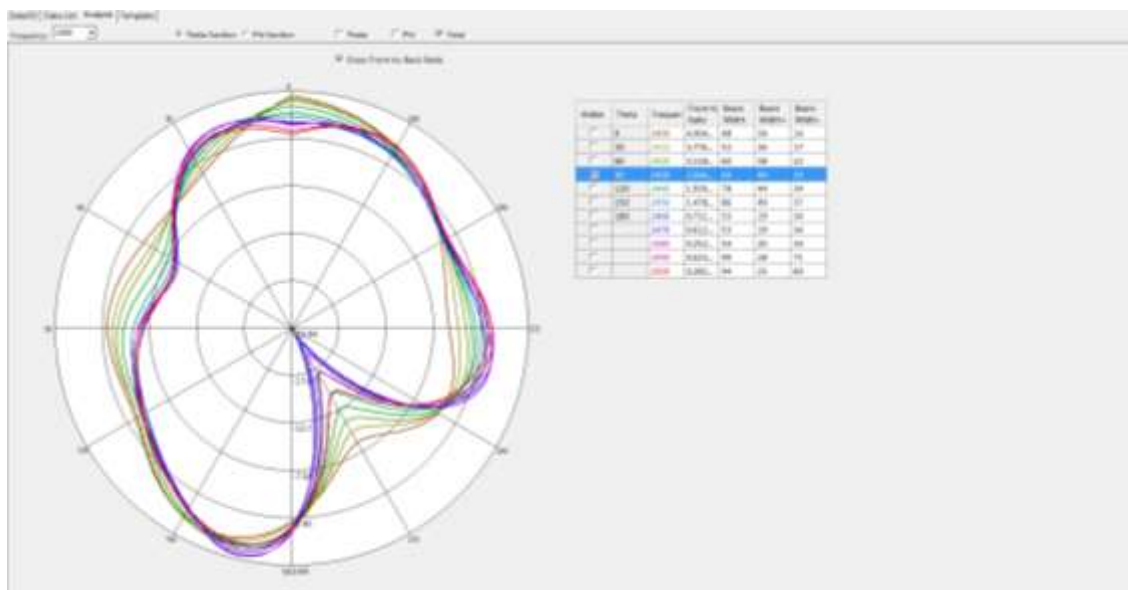
GW110 headset uses the following PCB antenna



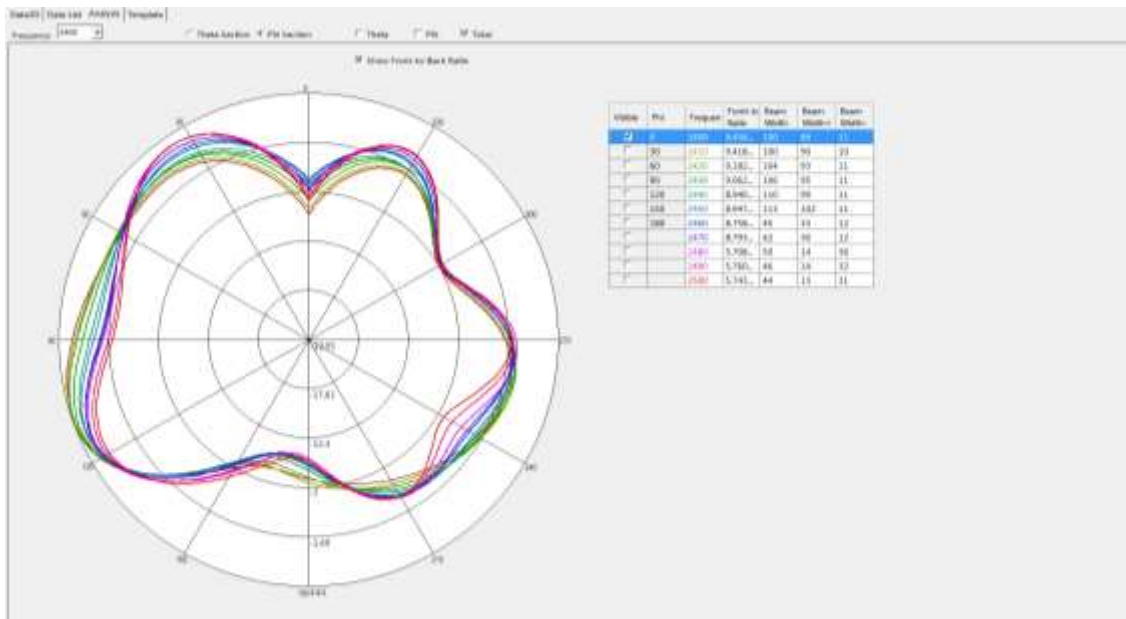
ELECTRICAL CHARACTERISTICS

Peak Gain	3.61dBi
Impedance	50 Ω

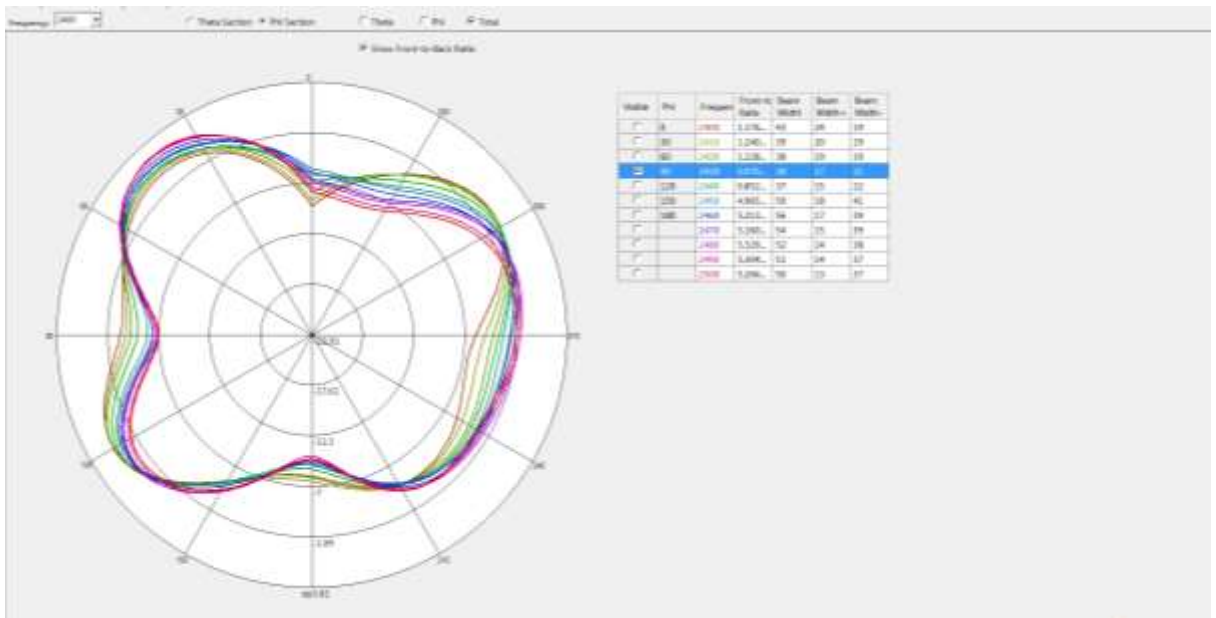
Radiation pattern: theta=90°



Radiation pattern: Phi=0°



Radiation pattern: Phi=90°



Efficiency and Gain

2400-2480 MHz			
Frequency	Gain (dBi)	Efficiency (db)	Efficiency (%)
2400	3.61	-2.13	61.30
2410	3.59	-2.01	62.91
2420	3.45	-1.87	64.95
2430	3.10	-2.00	63.14
2440	2.60	-2.14	61.07
2450	2.30	-1.99	63.18
2460	2.09	-2.06	62.22
2470	2.27	-1.78	66.33
2480	2.37	-1.57	69.68
2490	2.38	-1.77	66.48
2500	2.48	-1.83	65.57
平均值	2.75	-1.92	64.26

S11

