



ZIK2: BT antenna 3D radiation pattern Without Head Phantom

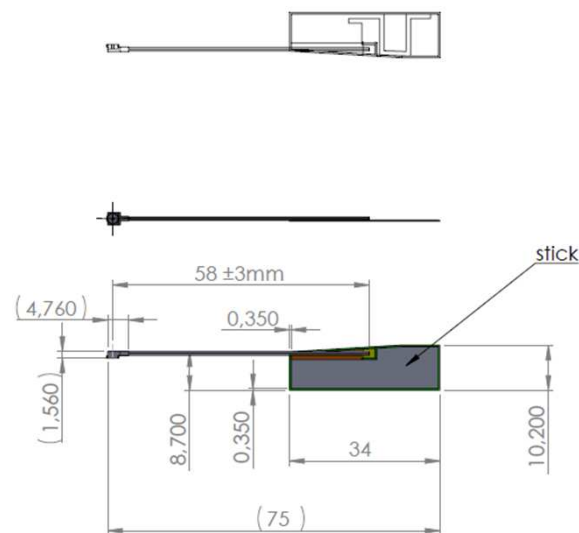
Description of the Equipment Under Test



- The measured headset is a ZIK2 DV2 integrating a Bluetooth PCB antenna in the right side
- For 3D radiation pattern, the headset is set in continuous emission mode of a CW signal @ 2440MHz
- Measured conducted power is 8.5dBm



ZIK2

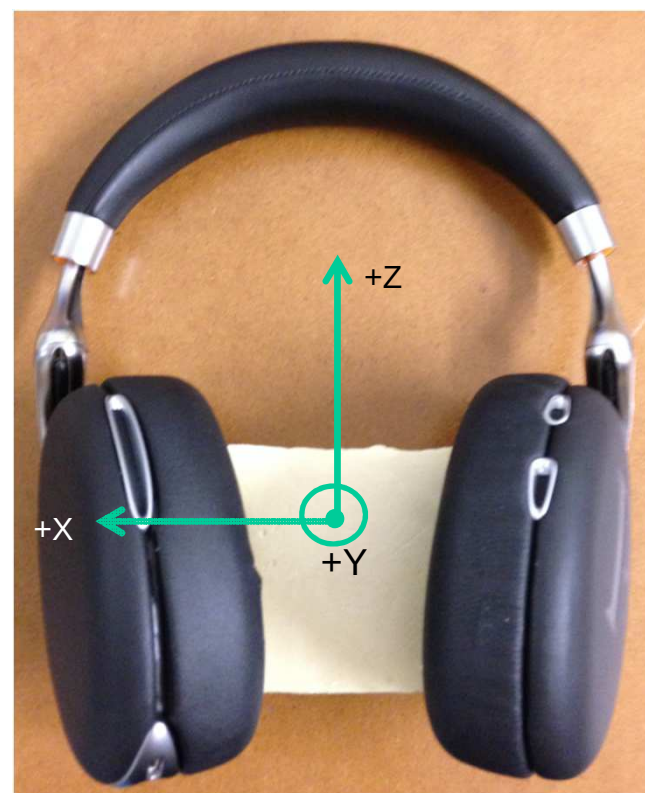


ZIK2 BT antenna

Measurement setup



- The measurement was made at Parrot radio test laboratory, with Diarray3D system.
- Angular resolution is : 10°
- Measurement uncertainty : $\pm 1\text{dB}$



ZIK2 without head phantom: 3D radiation pattern @2440MHz

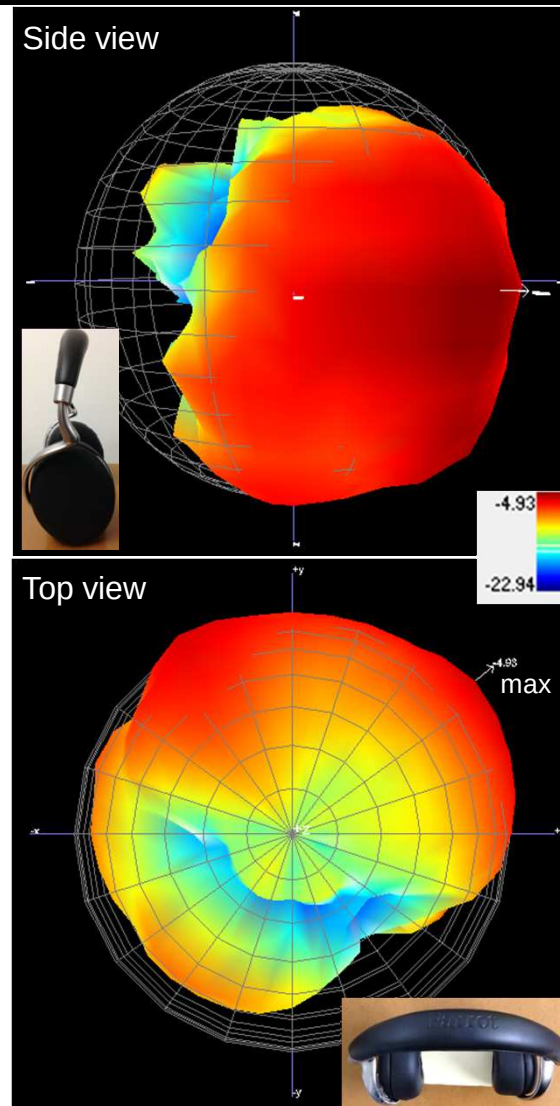
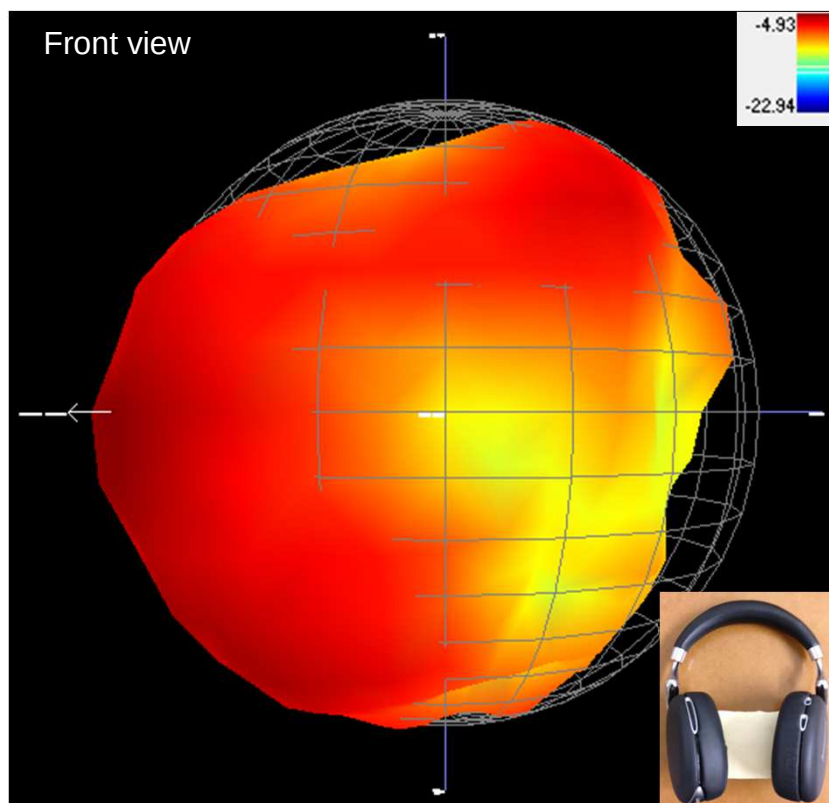


Max gain = -4.93dBi

Min gain = -22.94dBi

Mean gain = -10.5dBi

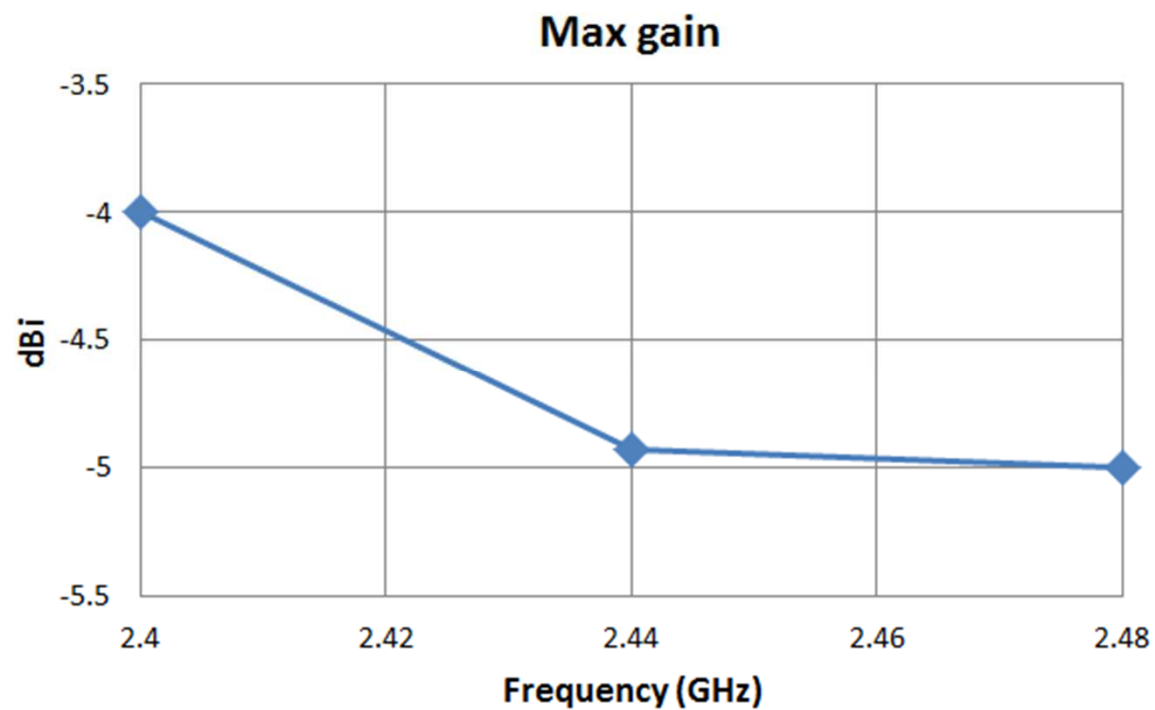
The grid represents Gain max-3dB



ZIK2 without head phantom : Max gain VS frequency



Measurement accuracy: $\pm 1\text{dB}$





www.parrot.com

PARROT S.A.
174, quai de Jemmapes
F-75010 Paris
T: +33 1 48 03 60 60