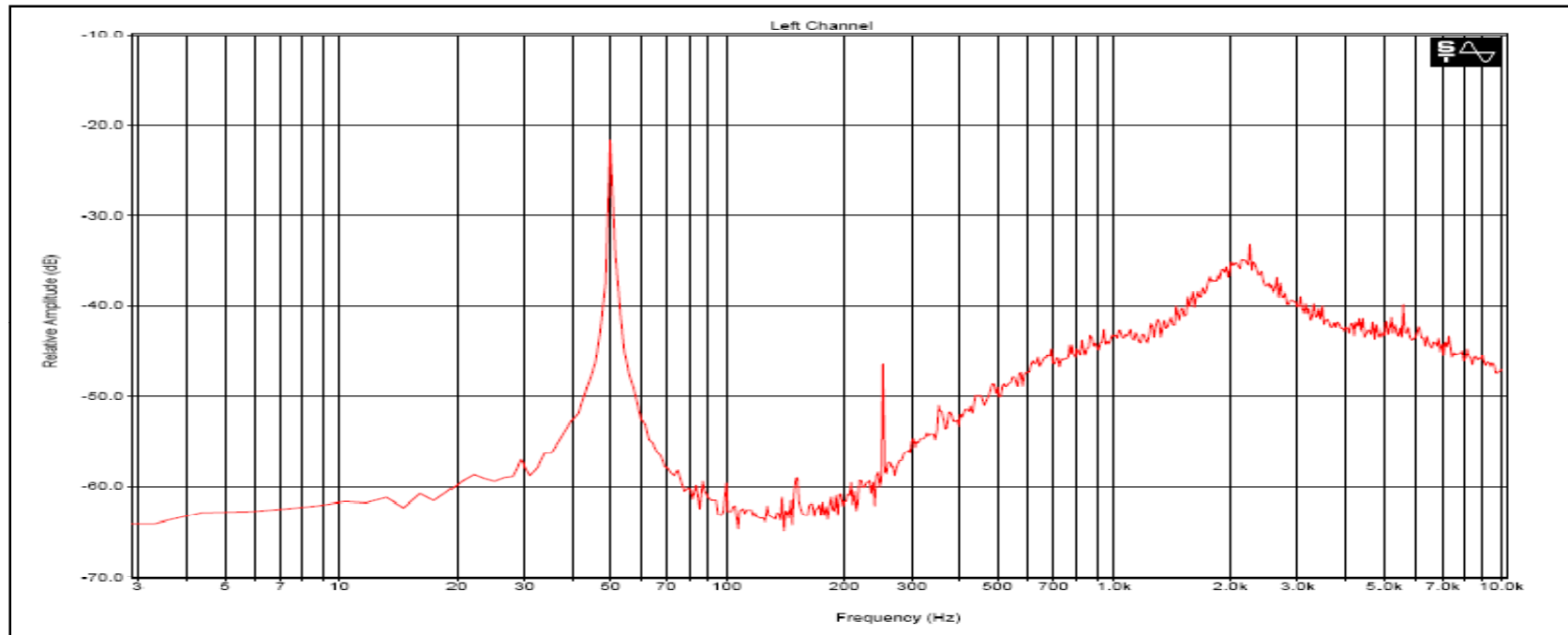


## Case history 3 using on-line snapshot Ultrasonic method



Partial Discharge Equipment use : **UE 9000**      Mode of measurement : snapshot

- 1) Date of measurement : 15<sup>th</sup> November 2003
- 2) Type of equipment : 22kV connection of 8MVA, 22/6.6kV Dry type Transformer
- 3) Analysis :  
Loud and audible discharge was heard at the 22kV side of the dry type transformer.  
Ultrasonic scan showed large 50Hz spike and located the source of the discharge at a defective insulating support.