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## **MAG search coil**

developed by  
**BL-Electronics**

### MAG search coil

The MAG was designed for VLF signal receiving in the 500Hz – 60kHz band.

Technical parameters:

Transfer function:	see figure 2.
Gain:	60mV/nT
Load impedance:	50 Ω
Size (mm):	272(L)*33(Ø)
Input voltage	12V±1V
Input current	11mA
Noise @10kHz	4fT/Hz <sup>-1/2</sup> see figure 3.
S/N	MAG-033

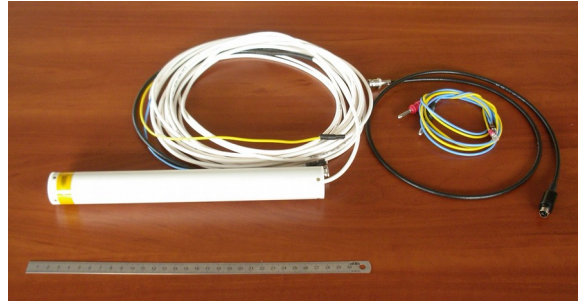


figure 1: MAG with cables.

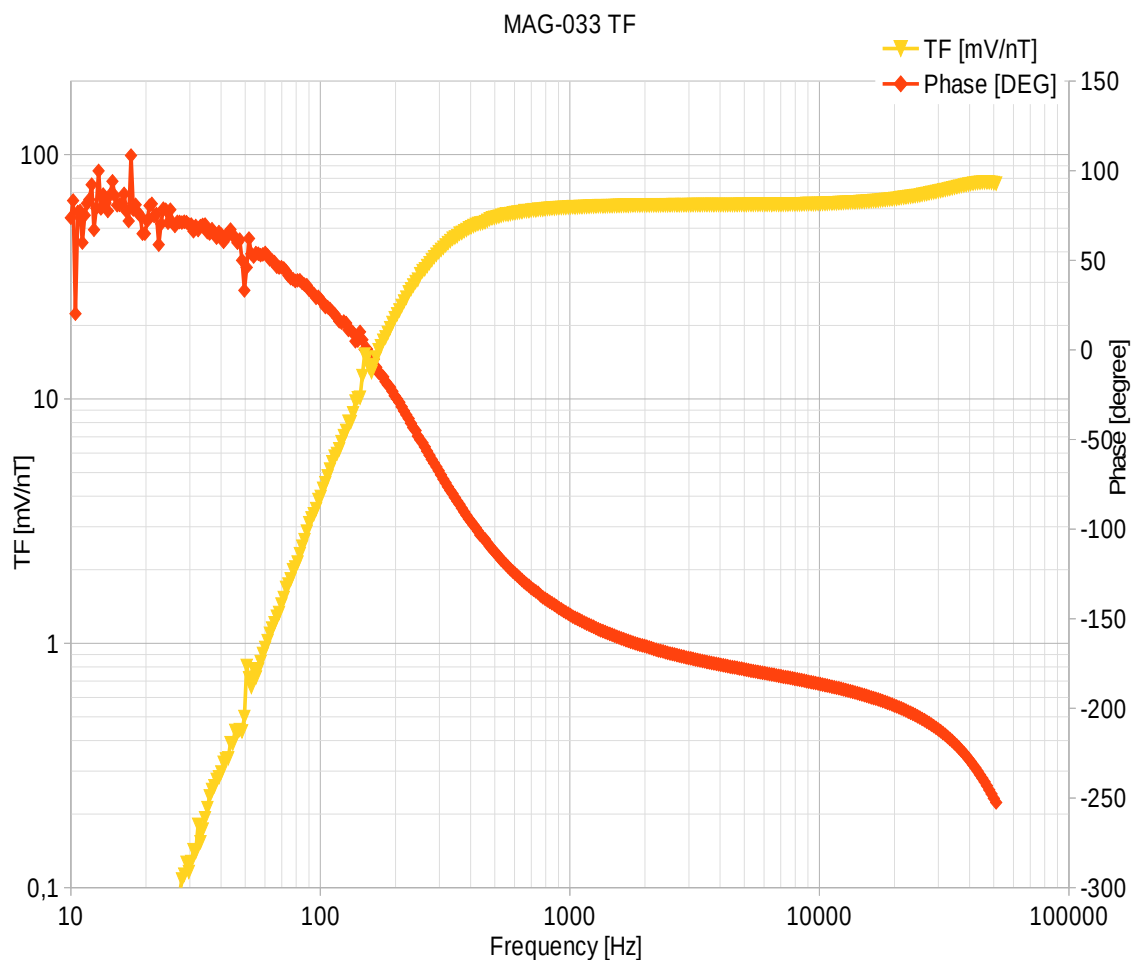
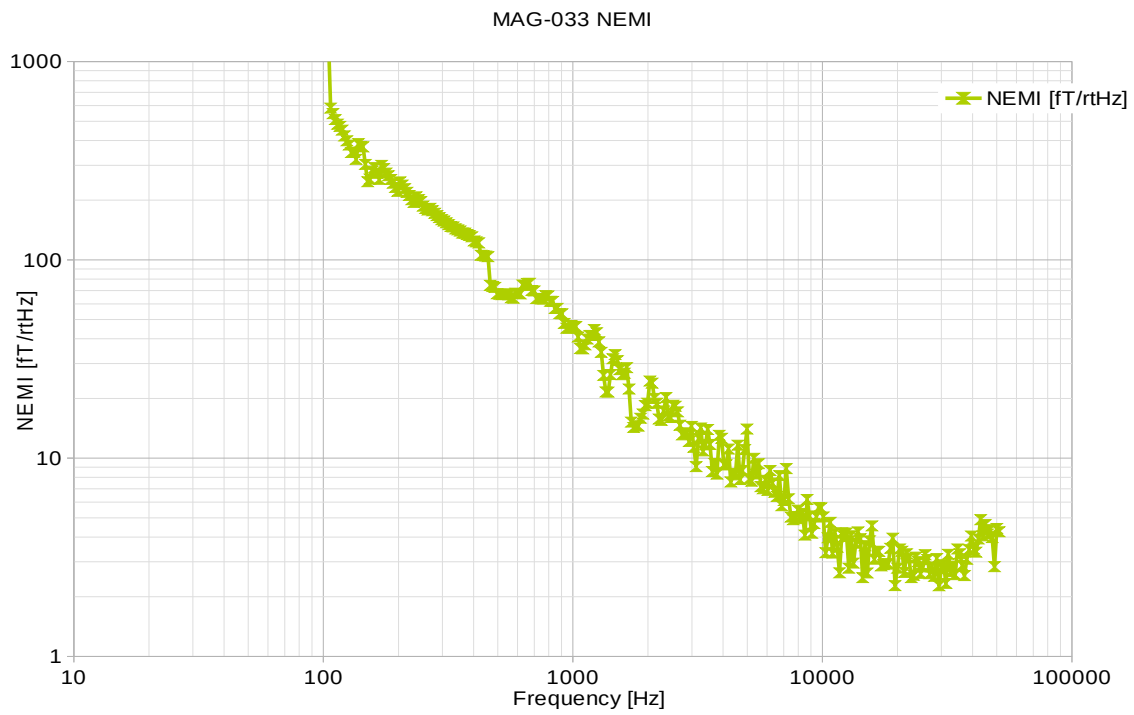


figure 2: Amplitude-phase characteristic of MAG.



*figure 3: Noise characteristic of MAG.*