## EMF Measurement Instructions: Gigahertz ME 3851A and EMFields Acoustimeter

it back to 199 nT/Vm.

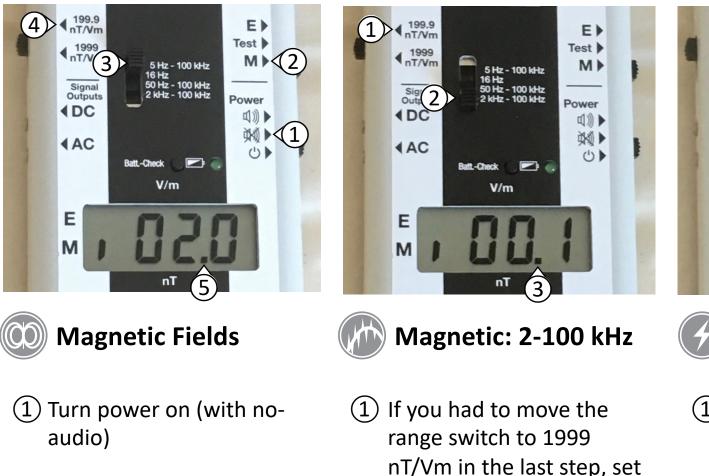
2 kHz-100 kHz

Set the frequency range

switch to bottom setting:

Record the magnetic fields

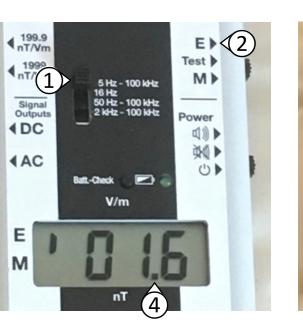
reading for 2 kHz-100 kHz.



(2)

(3)

- 2 Set mode to "M"
- (3) Set frequency range to 5Hz-100 kHz
- 4 Set field strength to 199.9 nT/Vm
  If the reading is "1 ." set the range switch to 1999 nT/Vm
- 5 Record the magnetic field reading.





- Set the frequency range back to the top position: 5Hz-100 kHz
- Set the mode switch to "E"
- ③ Step back 3-5 feet from the meter until it's clear your body's electric field does not impact the reading.
- (4) Record the electric field reading.

EMField	s Acc	oustimete		
Avg Power De		th Volts Per Meter tts/Square Meter	Aubio our	
PEAK V/m 6.00 4.50 2.00 1.50 1.00 0.70 0.50 0.30 0.20	μW/m2 95,490 53,713 23,872 10,610 5,968 2,652 1,299 663 239 106	AVERAGE µW/m <sup>2</sup> 100000 50000 25000 10000 5000 2500 1000 500 2500 1000	OFF ON VOLUME	2)



## **Wireless Radiation**

- Turn off any cell phones or tablets that are not normally in this location.
- 2) Turn on the Acoustimeter.
- (3) Record the wireless radiation reading from the upper right part of the digital display (Peak Average).

## **EMF Measurement Form**

Record measurements on this paper form first. This is done to prevent wireless signals and EMF (electromagnetic fields) from tablets, laptops or cell phones brought into the location from contaminating the measurements.

## Location:\_\_\_\_\_

Date	(CO) Magnetic Fields	Magnetic: 2-100 kHz	<b>Electric Fields</b>	The second secon

