

## SCHEDULE

### PART 2

#### Direct biophysical effects of exposure

##### Action levels – non-thermal effects

#### Notes

3. The ALs represent the maximum field values at any place where an employee may be working, before the entry of any person into the field. In the case of an electromagnetic field source in the immediate vicinity of the body, compliance with the ELVs must be determined dosimetrically, case by case.

**Table AL2 – ALs for exposure to electromagnetic fields from 1 Hz to 10 MHz**

<i>Frequency range</i>	<i>Magnetic flux density Low ALs (B)[<math>\mu</math>T]</i>	<i>Magnetic flux density High ALs (B)[<math>\mu</math>T]</i>	<i>Magnetic flux density ALs for exposure of limbs to a localised magnetic field (B) [<math>\mu</math>T]</i>
$1 \leq f < 8$ Hz	$2.0 \times 10^5/f^2$	$3.0 \times 10^5/f$	$9.0 \times 10^5/f$
$8 \leq f < 25$ Hz	$2.5 \times 10^4/f$	$3.0 \times 10^5/f$	$9.0 \times 10^5/f$
$25 \leq f < 300$ Hz	$1.0 \times 10^3$	$3.0 \times 10^5/f$	$9.0 \times 10^5/f$
$300 \text{ Hz} \leq f < 3$ kHz	$3.0 \times 10^5/f$	$3.0 \times 10^5/f$	$9.0 \times 10^5/f$
$3 \text{ kHz} \leq f \leq 10$ MHz	$1.0 \times 10^2$	$1.0 \times 10^2$	$3.0 \times 10^2$
Exposure levels not exceeding the ALs will be compliant with:	At and below 400 Hz: the sensory effect ELVs in Table ELV3	The health effect ELVs in Table ELV2	
	Above 400 Hz: the health effect ELVs in Table ELV2		