

NATO/PFP UNCLASSIFIED**AASTP-1
(Edition 1)****Table 6-1 - The Minimum Service Radio Frequency Environment**

| Serial | Frequency | Field Strength/ Power Density | |
|--------|-------------------|----------------------------------|---------------------|
| | | (V/M rms) | (Wm ⁻²) |
| (a) | (b) | (c) | (d) |
| 1 | 200 kHz - 525 kHz | 300 | |
| 2 | 525 kHz - 32 MHz | 200 | |
| 3 | 32 MHz - 150 MHz | | 10 |
| 4 | 150 MHz - 225 MHz | | 100 |
| 5 | 225 MHz - 790 MHz | | 50 |
| 6 | 790 MHz - 18 GHz | | 1000 |
| 7 | 18 GHz - 40 GHz | | 100 |

1.6.0.6. *Assessment of Hazard*

- a) It will be evident from the previous paragraphs that degrees of risk of unintended operation arise in any situation in which EED are introduced into close proximity with RF fields. The degree of risk ranges from negligible to acute in terms of both the susceptibility of the EED and the power output of the transmitters creating the RF field.
- b) There are no simple rules or procedures for assessing risk. Each situation requires individual examination which must consider the:
- 1) Susceptibility of EED whether:
 - Installed.
 - Exposed.
 - Packaged.
 - Specifically protected.
 - 2) Characteristics of transmitters.
 - 3) Distance between the EED and radiating systems such as radios etc.
- c) System Susceptibility