

1958/109

THE RADIO INTERFERENCE NOTICE 1958

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PURSUANT to regulation 7 of the Radio Interference Regulations 1958, the Postmaster-General hereby gives the following notice.

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N O T I C E

1. (1) This notice may be cited as the Radio Interference Notice 1958.
- (2) This notice shall come into force on the 1st day of August 1959.
2. In this notice, unless the context otherwise requires,—
 - “Noise field” means the radio frequency energy generated by and directly radiated by the operation of an electrical device:
 - “Noise voltage” means the radio frequency energy generated by and existing at the supply terminals of an electrical device as the result of its operation.
3. (1) The limits of intensity within which interfering equipment (other than high-frequency apparatus) shall be suppressed in accordance with subclause (1) of regulation 7 of the Radio Interference Regulations 1958* shall be as follows:
 - (a) The noise voltage shall not exceed 500 microvolts:
 - (b) The strength of the noise field measured at a distance of 33 ft. in any direction from the equipment or any electrical screen surrounding the equipment shall not exceed 50 microvolts per metre:
 - (c) The strength of the noise field of an electric power line operating at voltages up to and including 33 kV (the noise field being measured on the basis that it is measured from a position immediately below the power line where the line is 35 ft. above ground) shall not exceed 50 microvolts per metre.
- (2) The limits of intensity within which high-frequency apparatus shall be suppressed in accordance with subclause (2) of regulation 7 of the Radio Interference Regulations 1958* shall be sufficient to ensure that the strength of the noise field measured at a distance of 333 ft. in any direction from the apparatus or any electrical screen surrounding the apparatus does not exceed 45 microvolts per metre.
- (3) The provisions of subclause (1) hereof apply to the frequency range of 535 to 1605 kc/s.
- (4) The provisions of subclause (2) hereof apply to the frequency range of 150 kc/s to 30 Mc/s.

4. With respect to the measurement of noise fields and noise voltages for the purposes of this notice, the following provisions shall apply:

- (a) The Post and Telegraph Department shall be the sole authority by which measurements are made, and tests to determine measurements shall be carried out by Radio Inspectors:
- (b) Information as to the measuring equipment used and the methods of making measurements may be obtained free of charge on request from the Engineer's Office, Post and Telegraph Department.

Dated at Wellington this 24th day of July 1958.

M. MOOHAN, Postmaster-General.

Issued under the authority of the Regulations Act 1936.

Date of notification in *Gazette*: 31 July 1958.

These regulations are administered in the Post and Telegraph Department.