1961/29

THE RADIO (TELEVISION) INTERFERENCE NOTICE 1961

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

1. (1) This notice may be cited as the Radio (Television) Interference Notice 1961.

(2) This notice shall come into force 12 months after the date of its notification in the *Gazette*.

2. In this notice, unless the context otherwise requires,—

"Noise field" means the radio-frequency field generated by and directly radiated by the operation of any device:

"Noise voltage" means the radio-frequency voltage generated by and existing at the supply terminals of an electrical device as the result of its operation.

A reference to the frequency range covered by television Band I shall be deemed to be a reference to a frequency range between 44 Mc/s and 68 Mc/s.

A reference to the frequency range covered by television Band III shall be deemed to be a reference to a frequency range between 174 Mc/s and 216 Mc/s.

3. (1) Subject to the provisions of this notice, the limits of intensity within which interfering equipment (other than high-frequency apparatus and the ignition systems of internal combustion engines) 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 750 microvolts in the frequency range covered by television Band I:

(b) The noise voltage shall not exceed 1500 microvolts in the frequency range covered by television Band III:

(c) 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 in the frequency range covered by television Band I or by television Band III.

(2) The limits of intensity within which the ignition system of any internal combustion engine shall be suppressed in accordance with subclause (1) 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 33 ft in any direction from the ignition system or any electrical screen surrounding the ignition system shall not exceed 50 microvolts per metre in the frequency range covered by television Band I.

*S.R. 1958/108

(3) 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, in the frequency range covered by television Band I or by television Band III:

(a) In the case of high-frequency apparatus used for industrial purposes, the strength of the noise field measured at a distance of 33 ft in any direction from the boundary of the industrial property on which the apparatus is installed shall not exceed 90 microvolts per metre; and

(b) In the case of high-frequency apparatus used for scientific or medical purposes, the strength of the noise field measured at a distance of 33 ft in any direction from the apparatus or any electrical screen surrounding the apparatus shall not exceed 90 microvolts per metre.

4. Where television signals which, at the viewer's receiving site, are—

(a) Not less in strength than 250 microvolts per metre in the frequency range covered by television Band I; or

(b) Not less in strength than 500 microvolts per metre in the frequency range covered by television Band III,—

and compliance with the provisions of clause 3 of this notice does not remove the interfering effect of any equipment, the owner or user of the interfering equipment shall take such further steps as may be required by the Radio Inspector in order to reduce the interfering effect of the equipment to a degree where interference to television reception no longer exists:

Provided that no such requirement shall be made under this clause where the field strength of the television signal at the viewer's receiving site is less than the appropriate strength prescribed by paragraph (a) or paragraph (b) of this clause, notwithstanding that interference to television reception is caused by equipment complying with clause 3 of this notice.

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

(a) The Post Office 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 results of measurements, measuring equipment used, and the methods of making measurements may be obtained free of charge from the Engineer's Office, Post Office.

6. This notice is in addition to and not in substitution for any other notice for the time being in force under regulation 7 of the Radio Interference Regulations 1958.

T. L. HAYMAN, Postmaster-General.

Issued under the authority of the Regulations Act 1936.
Date of notification in *Gazette:* 6 April 1961.
These regulations are administered in the Post Office.