
STATUTORY INSTRUMENTS

1971 No. 1675

TELEGRAPHS

**The Wireless Telegraphy (Control of Interference From
Radio-Frequency Heating Apparatus) Regulations 1971**

<i>Made</i>	- - - - -	<i>14th October 1971</i>
<i>Laid before Parliament</i>		<i>21st October 1971</i>
<i>Coming into Operation</i>		<i>21st October 1972</i>

**THE WIRELESS TELEGRAPHY (CONTROL OF
INTERFERENCE FROM RADIO-FREQUENCY
HEATING APPARATUS) REGULATIONS 1971**

Citation and Commencement

1. These Regulations may be cited as the Wireless Telegraphy (Control...

Interpretation

2. (1) In these Regulations, except so far as the contrary...

Requirements

3. When any radio-frequency heating apparatus is used in the British...
4. Any radio-frequency heating apparatus which obtains its electric power from...

Field strength and terminal voltage measurement

5. (1) For the purpose of measuring and computing the field...
Signature

SCHEDULE 1 —

The limits of field strength and terminal voltage shall be...
For all other frequencies in the ranges specified below, the...

SCHEDULE 2 —

PART 1 — Definition of expressions used in the Schedule

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Voltage and e.m.f.

References to the voltage or e.m.f. of a sinewave are...

Decibel (abbreviated dB)

A unit of transmission giving the ratio of two powers....

If P1 and P2 represent two values of power, and...

If the two powers are dissipated in equal resistive impedances,...

Terminal voltage calibration constant

The number of decibels that must be added to the...

Field strength calibration constant

The number of decibels that must be added to the...

PART 2 — Method and conditions of measuring field-strength

General

1. Where a radio-frequency heating apparatus is being tested for the...

Attachments and load

2. The radio-frequency heating apparatus must be tested in complete working...

Other electrical apparatus to be disconnected

3. All other electrical apparatus which is installed in proximity to...

Conditions for measurement

4. The measuring set receiver shall be connected with an appropriate...

Input connexion of measuring apparatus, and distance and height of aerial

5. (1) The receiver shall be connected to the aerial mentioned...

Adjustment of radio-frequency heating apparatus

6. For the purpose of the main test in paragraph 8...

Making the measurement

7. (1) The measuring receiver shall be adjusted and operated in...

Tests

8. A set of tests shall be made in each case...
9. If a click (as opposed to a buzz of appreciable...

Interpretation of results

10. The field-strength expressed in decibels above 1 microvolt per metre...
11. If the maximum reading obtained on any main test exceeds...
PART 3 — Method and conditions of measuring terminal voltage

General

1. (1) Where a radio-frequency heating apparatus is being tested for...

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Connexions to be made to the electric supply line terminals of the radio-frequency heating apparatus and the input terminals of the measuring set

2. The following connexions shall be made: The electric supply line...

Tests

3. A set of tests as mentioned in sub-paragraphs (a), (b)...
4. Paragraph 9 of Part 2 of this Schedule shall apply....

Interpretation of results

5. The terminal voltage, expressed in decibels above 1 microvolt, will...
6. Paragraph 11 of Part 2 of this Schedule shall apply....

Explanatory Note