QUESTION ITU-R 231-1/3[[1]](#footnote-1)\*

The effect of electromagnetic emissions from man-made sources on the radiocommunication systems and networks

(2007-2015)

The ITU Radiocommunication Assembly,

considering

*a)* that electromagnetic emissions occur from a wide variety of man-made sources, such as ignition systems in internal combustion engines, electrical machinery, electronic equipment and apparatus, information technology and telecommunications equipment, etc.;

*b)* that the reception of such emissions may affect the performance of radiocommunication systems and networks;

*c)* that the information on man-made noise in Recommendation ITU-R P.372 relates to the aggregated noise from all man-made sources in typical environments, and does not provide information on the emissions received from individual or identifiable sources;

*d)* that such emissions may be impulsive in character and cannot be adequately described in terms of an external noise factor;

*e)* that emissions from individual sources may become of increasing importance in determining the performance of radio systems and networks,

decides that the following Question should be studied

How can the distribution of the radiation from individual sources be described and measured?

further decides

1that the results of studies should be included in Recommendations and/or Reports;

2that the above studies should be completed by 2027.

Category: S2

1. \* This Question should be brought to the attention of Radiocommunication Study Group 1. [↑](#footnote-ref-1)