QUESTION ITU-R 252/5[[1]](#footnote-1)\*,[[2]](#footnote-2)\*\*

Frequency sharing and compatibility between systems in the
fixed service and systems in other services

(2012)

The ITU Radiocommunication Assembly,

considering

*a)* that systems in the fixed service (FS) are widely employed throughout the world and make extensive and increasing use of a number of frequency bands;

*b)* that the above frequency bands are often shared between the FS and other services on a co‑primary basis;

*c)* that the above frequency bands are sometimes made accessible to other not co-primary services or radio applications on a “no interference no protection” basis;

*d)* that in case of *b)* and *c)* above there is potential for interference between systems in the FS and systems in other services;

*e)* that in certain situations it may be necessary to study possible effects of unwanted emissions to and from other services operating in different bands,

decides that the following Questions should be studied

1 Depending on technical/operational requirements of other co-primary services operating in the same bands, what levels of interference are acceptable to systems in the FS, including, if relevant, percentage of time considerations?

2 What levels of interference from other not co-primary services or radio applications operating in the same bands are acceptable to systems in the FS, including, if relevant, percentage of time considerations?

3 What levels of interference from unwanted emissions from other service systems operating in adjacent bands are acceptable to systems in the FS, including, if relevant, percentage of time considerations?

further decides

1that the results of the above studies should be included in one or more Recommendation(s) or Report(s);

2 that the above studies should be completed by 2027.

NOTE – See Recommendations [ITU-R F.758](http://www.itu.int/rec/R-REC-F.758/en), [ITU-R](http://www.itu.int/rec/R-REC-F.1777/en) [F.](http://www.itu.int/rec/R-REC-F.1777/en)[1777](http://www.itu.int/rec/R-REC-F.1777/en) and [ITU-R F. 2086](http://www.itu.int/rec/R-REC-F.2086/en)

Category: S2

1. \* This Question should be brought to the attention of Radiocommunication Study Groups 1, 4, 6 and 7. [↑](#footnote-ref-1)
2. \*\* In the year 2023, Radiocommunication Study Group 5 extended the completion date of studies for this Question. [↑](#footnote-ref-2)