question itu-r 246/5[[1]](#footnote-1)

Technical characteristics and channelling requirements for adaptive HF systems

(2007)

The ITU Radiocommunication Assembly,

considering

*a)* that in recent years adaptive HF systems which can automatically select a channel from an assigned group and control modulation mode, transmission speed and transmission power have been developed and continue to be developed;

*b)* that voice traffic is increasingly being replaced by data traffic, which tends to require a high quality channel for short periods;

*c)* that use of adaptive HF systems, which release the channel when they have no traffic, allows frequencies to be shared between several systems or users;

*d)* that adaptive systems should achieve optimum operational performance and compatibility,

decides that the following Question should be studied

What are the appropriate technical characteristics and channelling requirements to implement adaptive HF systems, taking into account efficient use of spectrum and minimization of interference?

further decides

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

2 that studies should be completed by 2019.

NOTE – See Recommendation ITU-R [F.1778](http://www.itu.int/rec/R-REC-F.1778/en)

Category: S2

1. In the year 2015, Radiocommunication Study Group 5 extended the completion date of studies for this Question. [↑](#footnote-ref-1)