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| **Radiocommunication Study Groups** |  |
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| Source: Document 5A/TEMP/299 | **Annex 17 to  Document 5A/844-E** |
| **4 June 2018** |
| **English only** |
| Annex 17 to Working Party 5A Chairman’s Report | |
| VOCABULARY FOR rLANs: DFS and TCP  (ELEMENTS FOR A FUTURE UPDATE OF rEC. itu-r m.1450) | |

Background

At its 18th meeting Working Party (WP) 5A sent a liaison statement to the CCV (Doc. [CCV/34](http://www.itu.int/md/R15-CCV-C-0034/en)) and the response from the CCV was received at the 20th meeting of WP 5A in Doc. [5A/672](https://www.itu.int/md/R15-WP5A-C-0672/en).

CCV commented that the proposed alternative definition for the term “Dynamic frequency selection” is much more focused than the original one and that the proposed alternative definition for the term “Transmit power control” seems more clear and comprehensive than the original one.

Vocabulary of terms used in Recommendation [ITU-R M.1450-5](https://www.itu.int/rec/R-REC-M.1450/en):

DFS Dynamic frequency selection

*Original definition:* An interference mitigation technique under frequency sharing environment, where the selection of a suitable channel is performed based on interference detected or certain quality criteria. *(Source:* [*Annex 25*](http://www.itu.int/md/dologin_md.asp?lang=en&id=R12-WP5A-C-0079!N25!MSW-E) *to* *Doc.* [*5A/79*](http://www.itu.int/md/R12-WP5A-C-0079/en)*)*

*New definition:* An interference mitigation technique under frequency sharing environment, which is based on avoiding a channel on which a predefined signal is detected. *(Source: Doc.* [*5A/223*](http://www.itu.int/md/R15-WP5A-C-0223/en)*)*

TPC Transmit power control

*Original definition:* A technique to control the transmit power according to evaluation of the RF link quality. *(Source:* [*Annex 25*](http://www.itu.int/md/dologin_md.asp?lang=en&id=R12-WP5A-C-0079!N25!MSW-E) *to* *Doc.* [*5A/79*](http://www.itu.int/md/R12-WP5A-C-0079/en)*)*

*New definition:* A technique to control the transmit power to improve the RF link quality, to avoid interference into other devices and/or extend the battery life*. (Source: Doc.* [*5A/223*](http://www.itu.int/md/R15-WP5A-C-0223/en)*)*

**WP 5A Actions:** In the next update of Recommendation ITU-R M.1450 update the definitions and check that the terminology database is aligned.