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| **Radiocommunication Study Groups** |  |
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| Source: Document [3J/77](http://www.itu.int/md/R12-WP3J-C-0077/en) |  |
| **11 May 2022** |
| **English only** |
| Working Parties 3J, 3K and 3M |
| Validation examples for the delta Bullingtondiffraction prediction method |
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The embedded Excel file includes instructions and validation examples to verify software implementations of the delta Bullington diffraction method used in Recommendations ITU-R P.526-15, P.452-17, P.1812-6 and P.2001-4.



The first worksheet provides general instructions for using the validation examples. The second worksheet describes the input, intermediate and final values used in the examples. Subsequent worksheets provide four different terrain profiles. The final worksheet provides 20 different cases consisting of a path, frequency and antenna heights, with the corresponding intermediate and final calculated values.

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