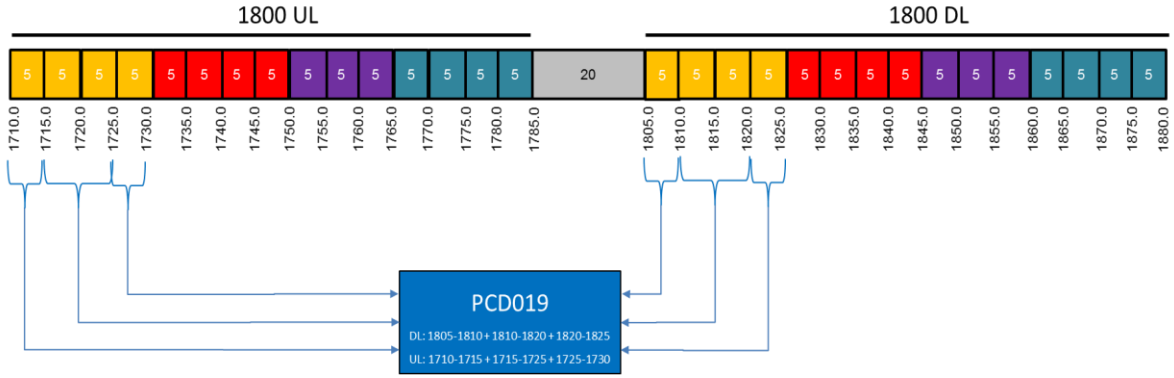
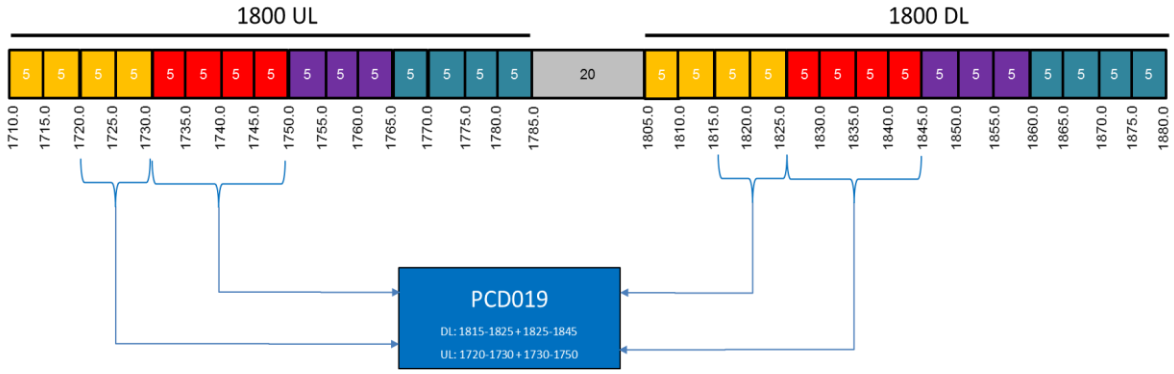
Filtronic Sharing Solution for PCD019 – 1800MHz Band





- In-band Combining of Adjacent Blocks Within 1800MHz Band:
  - 1- Inserting a 10MHz LTE Block Within GSM Blocks
  - 2- Combining a 5-10MHz Block With Any Other Size Block
- 0.7MHz Symmetrical Guard band.
  - No Loss of Spectrum for LTE Signals
  - Offset Guard band Can be used to Minimize the Loss of GSM Signals
- To be used with 1800MHz Capable Antenna
- Suitable for Two Operators to Share Their Networks or One Operator to Overlay a New Technology On Their Existing Infrastructure.

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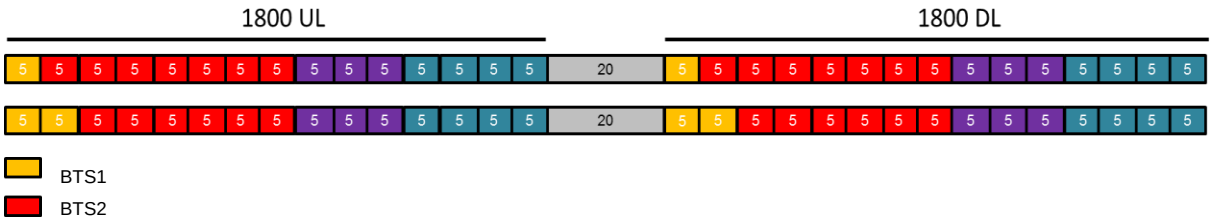
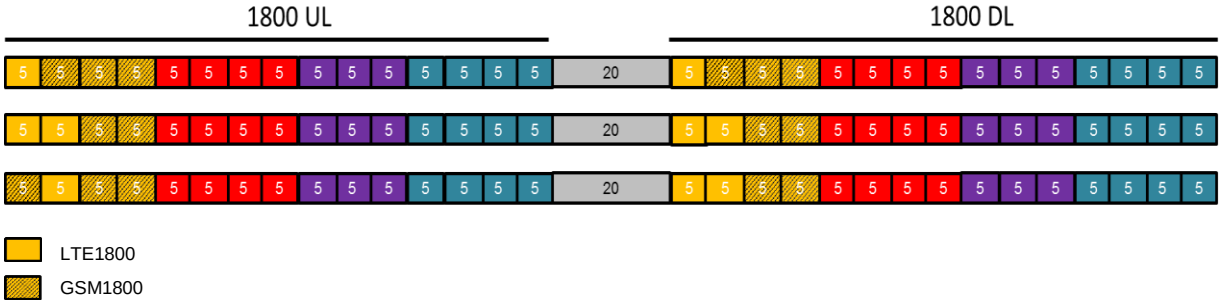
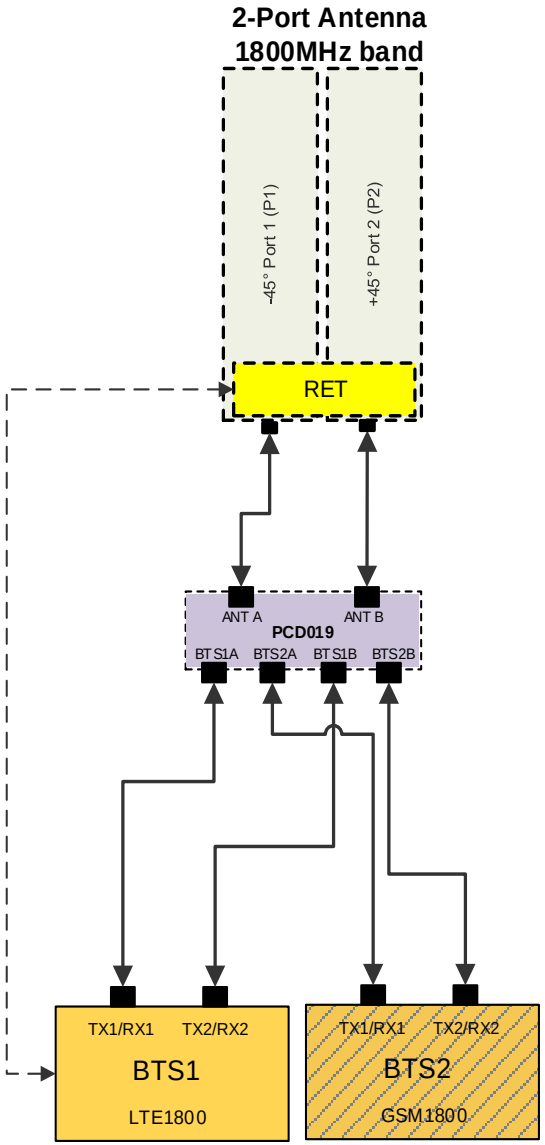
Frequency Allocation Examples for Two Operators



Frequency Allocation Examples for One Operator



For further information about possible frequency allocations, please contact: Technical@filtronic.com