

Shenzhen, China, 18th – 21st March 2019



Completion of SDL+SUL
combination work



Background

- 3GPP decision still pending on the whether to define SDL+SUL as a “band combination” or as a “new FDD band”
- 3GPP liaised CEPT to identify any regulatory or licensing impacts coming from our decision
- CEPT replied that from their perspective they do not foresee any changes to existing ECC Decisions from either solution, but that impacts to “license conditions” is an issue for national administrations



The following aspects need to be considered when defining combined SDL and SUL (as FDD band or band combination)

- 1) Variable duplex between SUL and SDL carriers is required. Variable duplex is not part of the existing FDD band framework, however it is part of the band combination framework
- 2) The SDL regulated band + combined SUL would need to operate as a subset of a “normal FDD or TDD band” + “SDL band” Base Station configuration, i.e. it does not operate as a Standalone FDD band from the Base Station requirements perspective - quite different to the FDD band framework, but similar to the band combination framework
- 3) Combining an SDL regulated band with an SUL is no different to a new CA combination or DC combination with SUL. 3GPP approval processes to progress such combinations should not be different just because the band is defined by regulation as an SDL band



Conclusion & Proposal

- Based on the rationale given on the previous slide
 - Defining SDL regulated bands in combination with SUL has more similarities with the approach used for defining SUL band combinations today,
 - Defining SDL+SUL as a new paired band has quite some different to existing FDD band framework
- Proposal
 - Define SDL regulated bands in combination with SUL in the same way as band combinations with SUL
 - Ensure that the process for defining SDL regulated bands in combination with SUL is not more restrictive than the approach for defining band combinations today

