WID:

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| --- |
| Evaluate and, if needed, specify Type II port selection codebook enhancement (based on Rel.15/16 Type II port selection) where information related to angle(s) and delay(s) are estimated at the gNB based on SRS by utilizing DL/UL reciprocity of angle and delay, and the remaining DL CSI is reported by the UE, mainly targeting FDD FR1 to achieve better trade-off among UE complexity, performance and reporting overhead |

Companies: HW, Nokia, CATT, MTK, Fraunhofer, QCM, SS, E///

Results comparing Mv=2 with Wf OFF (Mv=1)

|  |  |  |  |
| --- | --- | --- | --- |
| Company | 8 ports | 16 ports | 32 ports |
| C1 |  |  | No comparison |
| C2 |  |  | No comparison |
| C3 |  |  | Small gain (1%) |
| C4 |  | Mod gain (2-3%) |  |
| C5 |  | Small gain (~1%) | Very small gain (<0.5%) |
| C6 |  |  | No gain |
| C7 |  | Small gain (1-2%) | No gain |
| C8 | Gain (~4%) | Small gain (~1%) | No gain |
| Performance | Gain | Small gain | No gain |
| Overhead | Not too high | High | Highest |
| Complexity | Not too high | High | Highest |
| Overall trade-ff among 3 metrics | Yes | No | No |