**Updated UE feature list for multi-Rx**

Table 1:

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Features | Index | Feature group | Components | Prerequisite feature groups | Need for the gNB to know if the feature is supported | Applicable to the capability signalling exchange between UEs (Sidelink WI only)”. | **Consequence if the feature is not supported by the UE** | **Type****(the ‘type’ definition from UE features should be based on the granularity of 1) Per UE or 2) Per Band or 3) Per BC or 4) Per FS or 5) Per FSPC)** | Need of FDD/TDD differentiation | Need of FR1/FR2 differentiation | Capability interpretation for mixture of FDD/TDD and/or FR1/FR2 | Note | Mandatory/Optional |
| 30. NR\_FR2\_multiRX\_DL | 30-1 | Supports scheduling restriction relaxation and measurement restriction relaxation | * Supports simultaneous reception of CSI-RS for layer 1 measurement and PDSCH with different QCL Type-D on overlapping OFDM symbols.
* Supports Simultaneous layer 1 measurement of CSI-RS overlapping with another CSI-RS with different QCL Type-D on overlapping OFDM symbol(s).
 | 16-2c, 23-5-1, at least one of 16-2a, 16-2b-1, 16-2b-2 and 16-2b-3 | Yes | N/A |  | Per FSPC | TDD only | FR2-1 only |  | Note: It is only supported for power class 3. | Optional with capability signalling |
| 30. NR\_FR2\_multiRX\_DL | [30-2] | Fast beam sweeping for layer-1 measurement | Supports beam sweeping factor reduction for SSB-based layer-1 measurement regardless of whether the UE is multi-Rx operation or not. |  | No | N/A |  | Per band | TDD only | FR2-1 only |  | Candidate values for Component 2: {2,4,6} for FR2-1Note: It is only supported for power class 3. | Optional with capability signalling |
| 30. NR\_FR2\_multiRX\_DL | 30-3 | Fast beam sweeping for layer-1 measurement when the UE is in multi-Rx operation | Supports beam sweeping factor reduction for SSB-based layer-1 measurement when the UE is in multi-Rx operation. |  | No | N/A |  | Per band | TDD only | FR2-1 only |  | Candidate values for Component 2: {2,4,6} for FR2-1Note: It is only supported for power class 3. | Optional with capability signalling |
| 30. NR\_FR2\_multiRX\_DL | 30-4 | Supports Indication of multi-Rx operation preference | Indicates whether the UE supports providing multi-Rx operation preference for FR2 |  | Yes | N/A |  | Per UE | TDD only | FR2-1 only |  | Note 1: It is only supported for power class 3. | Optional with capability signalling |