**3GPP TSG-RAN WG4 Meeting # 112 draft\_R4-2414349**

**Maastricht, Netherlands, 19th – 23rd August, 2024**

**Source: Skyworks, Murata, (...)**

**Title:** **WF on DC\_(n)8AA**

**Agenda item: 7.2**

**Document for: Approval**

1. Introduction

Two companies proposed MSD test points for DC\_(n)8AA:

* One company proposed two pairs of test points [1]:
	+ A pair for dual-uplink operation,
	+ A pair for one uplink operation.
* Another company proposed to restrict this band combination to single switched uplink only operation due to concerns on very high MSD for dual-uplink operation [2]. A single test point was proposed to verify the LTE anchor point MSD for single uplink operation with near identical configuration than [1].

During the meeting, the proponents clarified that only single switched uplink operation is intended, and that two MSD test points are preferred. This WF captures these agreements.

1. WF

**<Way forward on Single-Switched Uplink for DC\_(n)8AA>**

For DC\_(n)8AA, only single switched uplink operation is supported.

**<Way forward on MSD test point for DC\_(n)8AA>**

Interested companies are invited to evaluate the DC\_(n)8AA MSD for the following test points.

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| **EN-DC configuration / channel allocations /MSD** |
| **EN-DC configuration** | **E-UTRA/NR band** | **FC (UL)****(MHz)** | **Channel bandwidth****(MHz)** | **UL****allocation (LCRB)** | **FC (DL)****(MHz)** | **MSD****(dB)** | **Duplex mode** |
| DC\_(n)8AA | 8 | N/A | 10 | N/A | 935 | FFS | FDD |
|  | n8 | 905 | 20 | 20 (RBstart = 86) | 950 | FFS |  |
|  | 8 | 910 | 10 | 25 (RBstart = 25) | 955 | FFS |  |
|  | n8 | N/A | 20 | N/A | 940 | FFS |  |
| NOTE 2: The transmitters powers shall be set to PUMAX, as defined in TS 38.101-1 [2], TS 38.101-2 [3], and TS 36.101 [4], with additional limits on configured maximum output power for the uplink according to clause 6.2B.4. |

References

1. R4-2411319, Test points for DC\_(n)8AA BCS0, 3GPP TSG-RAN WG4 Meeting # 112, Maastricht, The Netherlands, Murata Manufacturing Co. Ltd.
2. R4-2413070, DC\_(n)8AA MSD, 3GPP TSG-RAN WG4 Meeting # 112, Maastricht, The Netherlands, Skyworks Solutions, Inc.