**3GPP TSG RAN WG1 Meeting #104 R1-210xxxx**

**e-Meeting, January 25th – February 5th, 2021**

**Title: [draft]** LS on numerology for active DL and UL BWPs

**Response to:** N/A

**Release:** Rel-15

**Work Item:** NR\_newRAT-Core

**Source:** MediaTek, [RAN1]

**To:** RAN2

**Cc:**

**Contact Person:**

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**Attachments:** None

**1. Overall Description:**

RAN1 has identified that there is inconsistency between the description of FG6-4 BWP adaptation with different numerology in TR38.822 and the definition of UE capability parameter *bwp-DiffNumerology* in TS38.306. It triggers the discussion for the following issue in RAN1.

* Whether a UE can assume the same SCS and CP length for its active DL BWP and active UL BWP in a serving cell except for SUL at a given time

After discussion, RAN1 achieves the following conclusion.

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| **Conclusion**   * It’s RAN1’s understanding that for both paired spectrum and unpaired spectrum UE may assume the same SCS and CP length for its active DL BWP and active UL BWP in a serving cell except for SUL at a given time   + No RAN1 CR is needed |

**2. Actions:**

**To RAN2:**

RAN1 kindly asks RAN2 to take the above information into considerations for Rel-15/16 maintenance works and it’s up to RAN2 to decide whether/how to clarify the definition of UE capability parameter *bwp-DiffNumerology* in Rel-15 & Rel-16 based on the above conclusion.

**3. Date of Next RAN1 Meetings:**

TSG-RAN WG1 Meeting 104bis 12 – 20 April 2021 e-Meeting

TSG-RAN WG1 Meeting 105 19 – 27 May 2021 e-Meeting