

The background of the slide features a network diagram with nodes and connecting lines. The nodes are represented by small circles, some of which are dark green and others are light grey. The lines connecting them are thin and light grey, creating a complex web-like structure that is more prominent on the left side of the slide.

**3GPP TSG RAN Meeting #89e**  
**Electronic Meeting, 14- 18 Sep, 2020**

**RP-201528**

**View on RAN4 R17 WI/SI**

**Source: OPPO**

## High workload becomes the label of RAN4

- It has been widely aware that RAN4 has been in high workload for a long time.
- Long lists of exception sheet for several WIs have been submitted in last meeting and was planned to be solved in the last Rel-16 RAN4 meeting. However, down scoping of the WI contents at the last minute become the only choice to close these WIs.
- One important reason which leads to this situation is the non proper handling of the WI scope from the beginning.
  - ✓ Companies tend to include the items that are not urgent or necessary to make the WI been agreed.
  - ✓ It leads to the difficulties in the following workgroup discussions and the pain in the down scoping.
  - ✓ Even down scoping succeed in the end, the valuable time can never be saved.
- RAN4 shall limit the scope of WIs and focus on what is really necessary and urgent.
- Rapporteurs shall be confident of completing the contents in the WIs on time and realistic plan shall be made.

# Views on Rel-17 Spectrum and OTA

WI/SI	Preference
<b>Spectrum leftover items</b>	<ul style="list-style-type: none"><li>• Prefer to be included in Rel-17</li><li>• New bands or handling of irregular CBW are all deployment related and clear demands are shown</li></ul>
<b>ATG</b>	<ul style="list-style-type: none"><li>• Prefer to be included in Rel-17</li><li>• Clear market demands and operator trial has been done in some regions</li></ul>
<b>OTA</b>	<p><b>One WI for SISO OTA including test method and test requirement is preferred</b> &gt; Clear market demands from UE vendors, operators are shown.</p> <p><b>One WI for dynamic OTA is preferred since this originally included in Rel-16 MIMO OTA SI, and was postponed to Rel-17</b></p>

# Views on Rel-17 RF FR1/FR2

WI/SI	Preference
FR1 enhancement package	<p><b>One WI is preferred for Rel-17 and following items are preferred to be included</b></p> <ul style="list-style-type: none"> <li>• #1: Tx switching enhancement, i.e., enabling Tx switching between 2Tx@carrier#1 and 2Tx@carrier#2 based on SUL and NR uplink CA               <ul style="list-style-type: none"> <li>&gt; 2T is supported in more bands and operator demands has shown</li> </ul> </li> <li>• #2: <b>26dBm HPUE for TDD intra-band contiguous UL CA</b> <ul style="list-style-type: none"> <li>&gt; TDD HPUE has been supported in Rel-15, and UL CA also supported in Rel-16, straight forward to support in Rel-17 of UL CA HPUE</li> </ul> </li> </ul>
FR2 enhancement package	<p><b>One WI is preferred, and Rel-16 left over items needs to be complete in Rel-17, other new items can be further considered if benefits can be justified</b></p> <ul style="list-style-type: none"> <li>• Inter-band DL CA with CBM</li> <li>• Beam correspondence enhancements for dynamic radio conditions</li> </ul>

# Views on Rel-17 RRM

<b>RRM enhancement</b>	<p><b>The following items can be considered, and one WI is preferred.</b></p> <ul style="list-style-type: none"> <li>2.5 SRS antenna port switching</li> <li>2.7 Gapless measurement</li> <li>2.10 BFR based on CBRA</li> <li>2.13 PUCCH SCell activation/deactivation</li> <li>2.14 IDLE mode requirement for SMTC2-LP</li> <li>2.18 UL gap and configuration for UE self-calibration and monitoring in FR2</li> </ul>
<b>Measurement gap enhancement</b>	<p><b>The following items can be considered, and one WI is preferred.</b></p> <ul style="list-style-type: none"> <li>3.3 Multiple concurrent and independent MG patterns</li> <li>3.6 Pre-configured MG pattern(s) per configured BWP (fast MG configuration)</li> <li>3.8 MG sharing enhancement</li> </ul>
<b>Leftover Issues in Rel-16</b>	<p><b>The following items can be considered, and one WI is preferred.</b></p> <ul style="list-style-type: none"> <li>5.1 CMTC for CSI-RS L3 measurement</li> <li>5.2 Synchronization assumption for CSI-RS L3 measurement</li> <li>5.4 Dedicated CSI-RS measurement engine</li> </ul> <p>Note: other leftover issues for Rel-16 CSI-RS_L3_meas may be not precluded.</p>

Thank you

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