**3GPP TSG RAN WG2 Meeting #111-e R2-200xxxx  
E-Conference, 17th August – 28th August 2020**

**Agenda item: 6.1.2**

**Source: Nokia, Nokia Shanghai Bell**

**Title: Summary of [AT111-e][016][NR16] UE cap TRS bandwidth (Nokia)**

**Document for: Discussion and Decision**

1. Introduction

This is a summary of below offline discussion:

TEI16

TRS bandwidth

* [AT111-e][016][NR16] UE cap TRS bandwidth (Nokia)

Scope: Treat R2-2007498, R2-2007499, R2-2008089, R2-2008090 (proponents to drive)

Deadlines: Short NR UE cap

2. Discussions

## 2.1 Discussion on [R2-2007498](file:///D:\Documents\3GPP\tsg_ran\WG2\TSGR2_111-e\Docs\R2-2007498.zip) and [R2-2007499](file:///D:\Documents\3GPP\tsg_ran\WG2\TSGR2_111-e\Docs\R2-2007499.zip)

[R2-2007498](file:///D:\Documents\3GPP\tsg_ran\WG2\TSGR2_111-e\Docs\R2-2007498.zip) Capability signalling for limited TRS bandwidth for 10 MHz bandwidth with 15 kHz SCS Nokia, Nokia Shanghai Bell CR Rel-16 38.306 16.1.0 0381 - B TEI16

[R2-2007499](file:///D:\Documents\3GPP\tsg_ran\WG2\TSGR2_111-e\Docs\R2-2007499.zip) Capability signalling for limited TRS bandwidth for 10 MHz bandwidth with 15 kHz SCS Nokia, Nokia Shanghai Bell CR Rel-16 38.331 16.1.0 1848 - B TEI16

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| --- | --- |
| Company | Comments |
| Nokia, Nokia Shanghai Bell | Proponent |
|  |  |

## 2.2 Discussion on [R2-2008089](file:///D:\Documents\3GPP\tsg_ran\WG2\TSGR2_111-e\Docs\R2-2008089.zip) and [R2-2008090](file:///D:\Documents\3GPP\tsg_ran\WG2\TSGR2_111-e\Docs\R2-2008090.zip)

The following documents are relevant for the discussion:

[R2-2008089](file:///D:\Documents\3GPP\tsg_ran\WG2\TSGR2_111-e\Docs\R2-2008089.zip) Support of new newly defined TRS bandwidth sizes Huawei, HiSilicon, Ericsson, Vodafone CR Rel-16 38.331 16.1.0 1910 1 F TEI16 [R2-2007803](file:///D:\Documents\3GPP\tsg_ran\WG2\TSGR2_111-e\Docs\R2-2007803.zip) Late

[R2-2008090](file:///D:\Documents\3GPP\tsg_ran\WG2\TSGR2_111-e\Docs\R2-2008090.zip) Support of new newly defined TRS bandwidth sizes Huawei, HiSilicon, Ericsson, Vodafone CR Rel-16 38.306 16.1.0 0391 1 F TEI16 [R2-2007804](file:///D:\Documents\3GPP\tsg_ran\WG2\TSGR2_111-e\Docs\R2-2007804.zip) Late

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| Company | Comments |
| Nokia, Nokia Shanghai Bell | Intention looks fine. There are few differences e.g. wording compared to Nokia CR and also choice of how the fields are set in the xDD and FRx differentiation. Then the choice of enumeration is also aligned to each proponent’s 306 changes. We would prefer our version or request to update as per our CR and we can co-sign. |
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# 3. Conclusion

Summary to be provided at end of the discussion.

# References

TEI16

TRS bandwidth

* [AT111-e][016][NR16] UE cap TRS bandwidth (Nokia)

Scope: Treat R2-2007498, R2-2007499, R2-2008089, R2-2008090 (proponents to drive)

Deadlines: Short NR UE cap

[R2-2007498](file:///D:\Documents\3GPP\tsg_ran\WG2\TSGR2_111-e\Docs\R2-2007498.zip) Capability signalling for limited TRS bandwidth for 10 MHz bandwidth with 15 kHz SCS Nokia, Nokia Shanghai Bell CR Rel-16 38.306 16.1.0 0381 - B TEI16

[R2-2007499](file:///D:\Documents\3GPP\tsg_ran\WG2\TSGR2_111-e\Docs\R2-2007499.zip) Capability signalling for limited TRS bandwidth for 10 MHz bandwidth with 15 kHz SCS Nokia, Nokia Shanghai Bell CR Rel-16 38.331 16.1.0 1848 - B TEI16

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[R2-2007803](file:///D:\Documents\3GPP\tsg_ran\WG2\TSGR2_111-e\Docs\R2-2007803.zip) Support of flexible TRS bandwidth sizes Huawei, HiSilicon CR Rel-16 38.331 16.1.0 1910 - F TEI16 Revised

[R2-2008089](file:///D:\Documents\3GPP\tsg_ran\WG2\TSGR2_111-e\Docs\R2-2008089.zip) Support of new newly defined TRS bandwidth sizes Huawei, HiSilicon, Ericsson, Vodafone CR Rel-16 38.331 16.1.0 1910 1 F TEI16 [R2-2007803](file:///D:\Documents\3GPP\tsg_ran\WG2\TSGR2_111-e\Docs\R2-2007803.zip) Late

[R2-2007804](file:///D:\Documents\3GPP\tsg_ran\WG2\TSGR2_111-e\Docs\R2-2007804.zip) Support of flexible TRS bandwidth sizes Huawei, HiSilicon CR Rel-16 38.306 16.1.0 0391 - F TEI16 Revised

[R2-2008090](file:///D:\Documents\3GPP\tsg_ran\WG2\TSGR2_111-e\Docs\R2-2008090.zip) Support of new newly defined TRS bandwidth sizes Huawei, HiSilicon, Ericsson, Vodafone CR Rel-16 38.306 16.1.0 0391 1 F TEI16 [R2-2007804](file:///D:\Documents\3GPP\tsg_ran\WG2\TSGR2_111-e\Docs\R2-2007804.zip) Late