**3GPP TSG RAN WG1 #119-e R2-** **2209215**

**e-Meeting, August 17 – 26, 2022**

**Title:** LS on XR-awareness in RAN

**Release:** Rel-18

**Work Item:** FS\_XRM, FS\_NR\_XR\_enh

**Source:** RAN2

**To:** SA2

**Cc:** RAN1

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# **1. Overall Description:**

RAN2 would like to inform SA2 that RAN2 have made the following agreements regarding XR-awareness in RAN:

* RAN2 to adopt the current SA2 definition of PDU Set as an application media unit as working assumption, subjected to further guidance from SA2 and SA4.
* RAN2 assumes that PDU Set based parameters and PDU Set related information may be used for better support of XR services. RAN2 can consider both UL and DL directions.
* RAN2 will study PDU Set based parameters and PDU Set related information handling in Network and UE.
* XR awareness discussion in RAN2 should consider PDU set characteristics and how to use the information available on those (for UL and/or DL). Can also consider how to handle data bursts.
* RAN2 can study e.g. periodicity, arrival time, jitter and frame-size variations for XR awareness to enable power savings and capacity enhancements. Can study also how often such parameters change (i.e. how dynamic they are).

RAN2 will provide further update to SA2 after RAN2 reach more conclusions on further details regarding which information will be useful to RAN for UE power saving enhancements for XR and media services.

# **2. Actions:**

**To: SA2**

**ACTION:** RAN2 respectfully asks SA2 to take the above information into account in the relevant work.

# **3. Date of Next RAN2 Meetings:**

TSG-RAN WG2 Meeting #119bis-e 10 – 10 October, 2022 E-Meeting

TSG-RAN WG2 Meeting #120 14 – 18 November, 2022 Toulouse, France