**3GPP TSG-RAN2 Meeting #93BIS Tdoc R2-163148**

**Dubrovnik, Croatia, 11 - 15 April 2016**

**Title:** LS on enhanced LTE-WLAN Aggregation (eLWA)

**Source:** 3GPP WG RAN2

**To:** IEEE 802.11 WG

**Cc:** WiFi Alliance

**Contact Person:**

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**Attachments:** RP-160600

**1. Overall Description:**

3GPP TSG-RAN WG2 (RAN2) would like to thank IEEE 802.11 for its LS on LWA and LWIP.

RAN2 would like to inform IEEE 802.11 that it has started working on a new WI for enhanced LTE-WLAN Aggregation (eLWA) in Release 14 (see attached WI description in RP-160600), which builds on the LTE-WLAN Aggregation (LWA) feature developed in Release 13. One of the objectives of the eLWA WI is to consider potential enhancements in 3GPP specifications to support new 60 GHz band and channels.

In the past, 3GPP has relied on IEEE specifications for performance requirements related to WLAN radio measurements. RAN2 would also like to know if IEEE has defined or plans to define radio measurements and corresponding measurement requirements in the 60 GHz frequency band for 802.11ad and 802.11ay. Further, RAN2 would like to know if different measurement metrics are used in the 60 GHz band in comparison with lower frequency bands (< 6GHz).

**2. Actions:**

**To IEEE 802.11 WG group:**

**ACTION:** RAN2 respectfully asks IEEE 802.11 WG to:

- provide information on radio measurements and measurement requirements in the 60 GHz frequency band, and whether these are already defined or planned to be defined.

- provide information on whether different measurement metrics are used in the 60 GHz band in comparison with lower frequency bands (< 6GHz).

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

3GPP RAN2 Meeting #94 23 – 27 May 2016 Nanjing, China

3GPP RAN2 Meeting #95 22 – 26 August 2014 Gothenburg, Sweden