IEEE 802.11 Coexistence SC

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| Proposed LS to 3GPP RAN on the Joint Workshop for Operation on the 6 GHz Band |
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Abstract

*This document presents a draft Liaison Statement from IEEE 802 to 3GPP RAN, for the approval of IEEE Coexistence SC, for a proposal to have a joint workshop between IEEE 802 and 3GPP RAN to discuss channel access on the 6 GHz band.*

## Proposed liaison letter

TO:

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SUBJECT: IEEE 802 LS to 3GPP RAN on the joint workshop for operation on the 6 GHz band

DATE: 12 July 2018

Dear Chair of 3GPP RAN,

Thank you for supporting the cooperation between IEEE 802 and 3GPP.

We noticed that the scope of the recent study item (SI) for the 5G New Radio Unlicensed (5G NR-U) includes frequency bands both above and below 6 GHz. IEEE 802 notes that the 802.11ax technology is specified as a multi-band technology to cover frequencies up to 7.125 GHz, which includes the 6 GHz band. IEEE 802 understands that the regulations for this new band is not clear yet. However, it is beneficial for both IEEE and 3GPP to coordinate specification efforts to ensure a fair and an efficient access to the 6 GHz band and possibly providing a joint input to the regulators as a result of studies.

To facilitate our cooperation, IEEE 802 proposes to have a joint workshop with 3GPP to coordinate our efforts for the 6 GHz band.

The objectives of the workshop are as follows:

* To define the coexistence methodology to be used for the 6 GHz band by the 3GPP and the IEEE.
* To evaluate the possible impacts of no action.
* To agree on a fast communication channel between the 3GPP and the IEEE 802.11.

IEEE 802 looks forward to a continued, productive exchange with 3GPP.

For your information, the next two IEEE 802 meetings are between 9‑14 September 2018 in HI, USA and 11-16 November 2018 in Bangkok, Thailand.

Regards,

/s/ Paul Nikolich

Paul Nikolich, Chairman, IEEE 802 Executive Committee