IEEE 802.11 Coexistence SC

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| Proposed LS to 3GPP RAN and RAN1 on continuing the discussion on a common preamble between NR-U and Wi-Fi in 5 GHz and 6 GHz |
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Abstract

*This document contains a proposal for consideration by the IEEE 802.11 Coexistence SC, for a Liaison Statement from IEEE 802.11 to 3GPP RAN and RAN1, requesting 3GPP to continue the discussion on a common preamble between NR-U and Wi-Fi in 5 GHz and 6 GHz (contingent on the allocation of this band for unlicensed RLAN operations)*

## Proposed liaison letter

TO:

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SUBJECT: IEEE 802.11 LS to 3GPP RAN and 3GPP RAN1 requesting 3GPP to continue discussion on considering a common preamble between NR-U and Wi-Fi in 5 GHz and 6 GHz (contingent on the allocation of this band for unlicensed RLAN operation)

DATE: 14 March 2019

Dear Chairs of 3GPP RAN and 3GPP RAN1,

Thank you once again for supporting the cooperation between IEEE 802.11 and 3GPP RAN/RAN1/RAN4 in relation to coexistence between unlicensed 3GPP and 802.11 systems.

It has been brought to our notice that 3GPP RAN1 has been discussing the feasibility of a common preamble between NR-U and 802.11 in 5 GHz and 6 GHz (contingent on the allocation of this band for unlicensed RLAN operation).

Given the potential for improved coexistence between NR-U and 802.11, IEEE 802 thanks 3GPP RAN and RAN1 for considering the feasibility of such a common preamble and requests it to please continue the discussion on the same.

IEEE 802 looks forward to a continued, productive exchange with 3GPP RAN, RAN1 and RAN4.

For your information, the next two IEEE 802 meetings are between 12‑17 May 2019 in Atlanta, USA and 14-19 July 2019 in Vienna, Austria.

Regards,

Dorothy Stanley,

IEEE 802.11 WG Chair, dstanley1389@gmail.com