IEEE P802.18
Wireless LANs

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| 3GPP liaison Draft  |
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Abstract

By request of the IEEE 802 Chair, a draft liaison request letter from IEEE 802 to 3GPP.

IEEE 802 is increasingly aware that regulators worldwide are looking for more ways to share the Radio Frequency spectrum, and that the future for broadband wireless involves a mix of both licensed and license exempt spectrum. IEEE 802 has its wireless focus primarily in the license exempt bands, while 3GPP has major successes in licensed spectrum technologies. As regulators make important spectrum sharing decisions the interests of both of our groups are related; our futures dependent upon decisions being made that benefit us all.

The IEEE 802 standards that we continue to evolve include:

* 802.11 – Wireless local area networks
* 802.15 – Wireless personal area networks (known as Bluetooth, ZigBee, and others)
* 802.16 – Wireless Metropolitan area networks
* 802.22 – Regional area networks

and are supported by

* 802.18 – Radio Regulatory Technical Advisory Group
* 802.19 – Wireless Coexistence Working Group

The successful simultaneous deployment of billions of Bluetooth and Wi-Fi devices demonstrates that coexistence in the 2.4GHz license exempt frequency band, using standards developed by two independent Standards Development Organizations can be achieved.

I suggest that a teleconference be scheduled to review areas of mutual interest and discuss possible steps going forward.