

Roger B. Marks
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To: Mike Foley
Executive Director, Bluetooth SIG, Inc.
500 108th Avenue NE, Suite 120
Bellevue, WA 98004

Subject: Co-located coexistence among 802.11, 802.15, and 802.16 devices

Dear Mr. Foley,

In its development of standards for Broadband Wireless Access networks, the 802.16 Working Group has become concerned with problems of interference and coexistence with co-located radios on bands near those of its operation. Many 802.16 radios are expected to be operating in the 2.3 and 2.5 GHz bands, which is close to Bluetooth frequencies. This topic was addressed in a November 2007 IEEE 802 tutorial on "WPAN/WLAN/WWAN Multi-Radio Coexistence":

http://ieee802.org/802_tutorials/nov07/IEEE-multi-radio-coex-tutorial.ppt,

The 802.16 Working Group would like to initiate a dialog with the Bluetooth SIG on these issues to ensure that solutions emerging in 802.16 drafts are compatible with Bluetooth protocols. To initiate discussions and enhance interactions, we would be open to a formal liaison relation between the organizations.

I would appreciate it if you would let us know if you are interested in such a relationship.

Regards,

Roger

Roger B. Marks
Chair, IEEE 802.16 Working Group on Broadband Wireless Access

cc: Paul Nikolich, Chair, IEEE 802
Steve Shellhammer, Chair, IEEE 802.19 Coexistence TAG
Stuart Kerry, Chair, IEEE 802.11 Working Group
Bob Heile, Chair, IEEE 802.15 Working Group
John Barr, Vice Chairman of the Board, Bluetooth SIG