# IEEE P802.19 Wireless Coexistence

[Meeting Minutes for TVWS Coexistence]  Date: 2009-04-14					
Name	Company	Address	Phone	email	
Haiguang Wang	Huawei Technologies Co., Ltd.	Harbour Networks Building, Zhongguancun Software Park, No.8, Dongbeiwang West Road, Haidian District, Beijing, China, 100094	Tel: +86-10-8282- 9148 Mobile: +86 13693140745	wanghaiguang@huaw ei.com	

## **Abstract**

In this meeting, the attendees discussed the possible deliverables for TV White Space Study group, which was drafted by Steve initially.

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### **ATTENDANCE**

Attendees				
Name	Affiliation			
Steve Shellhammer (Chair)	Qualcomm, Inc.			
Haiguang Wang (Secretary)	Huawei Technologies Co., Ltd.			
Ahmed Sadek	Qualcomm, Inc			
Anh Tuan Hoang	I2R			
Apurva Mody	BAE Systems			
Chen Hou-Shin	Thomson			
George A VLANTIS	ST Microelectronics			
Gerald Chouinard	CRC			
Herschel Stiles	Voyant International			
Hyunduk Kang	ETRI			
Ivan Reede	AmeriSys Inc			
Joe Kwak	InterDigital Communications			
Julan Hsu	Samsung Electronics			
Mark Cummings	enVia Technology Partners, Inc			
Monisha Ghosh	Philipps			
Nancy Bravin	Self			
Paul A. Lambert	Marvell Semiconductor			
Peter Loc	IWT Inc			
Prabodh Varshney	Nokia			
Reddy, Ranga	CIV USA USAMC			
Reznik Alex	InterDigital Communications			
Richard Paine	Self			
Sungjin You	ETRI			
Thomas Kolze	Broadcom			
Tushar Moorti	Broadcom			
Victor Hou	Broadcom			
Wendong Hu	ST Microelectronics			
Yongjin Kim	Qualcomm, Inc			

#### 1.00 Meeting called to order

7:00 pm Ivan 0

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The meeting was called to order by Ivan Reedy as the Chair would join the meeting later.

#### 2.00 Attendance

Ivan

7:00 pm

Attendees are required to send their name and organization in through email to the Chair and Secretary.

#### 3.00 Change the agenda

Ivan

7:04 pm

Ivan Reede proposed to change the agenda. The reason was because he did not have the minutes for last meeting. He proposed to approve the minutes later after Steve joined in the meeting.

#### 4.00 **Review IEEE Patent Policy**

Ivan

7:05 pm

The patent policy slides were brought up. There is no specific requirement for them to be read word for word.

### **5.00** The attendees discussed the deliverables

Ivan/Steve 54 7:06 pm

- Ivan Reede chaired the discussion on the deliverables of the study group. Ivan started the discussion with Mariana's question on the definition of non-802 networks. Several speakers agreed that we should consider both 802 and non-802 devices in the discussion and nobody objected it.
- 2. The attendees agreed to change the term "networks" in sentences for deliverables to "networks and devices".
- Richard mentioned about two possible use case scenarios. One was the use case for network operator, and the other was for home network use cases. Alex supported Richard's point.
- There was opposition voiced to the changes in document names proposed in e-mail by Winston A straw poll taken toward this change indicated unanimous opposition to the change.
- Mark and Joe proposed to reword the first deliverable in Steve's email from "An IEEE 802.19 document on coexistence scenarios of TV white space networks" to "An IEEE 802.19 document on use cases and coexistence scenarios of TV white space networks". Mark proposed to have a straw poll on the changed sentence for the first deliverables. Tom objected it as the Chair was not in the meeting.
- 6. Steve joined in the meeting at 7:33 pm. Mark, Tom and Ivan summarized the changes that had been made to the sentences for deliverables. These changes are addressed in point 2 and 5.
- 7. Clarification as to the definition of "network" was asked to the chair. The chair defined the term "network" as meaning" any transmitting device or any receiving device that may communicate with another.
- 8. Ivan emphasized that the incumbent protection was important and it should be put as the first deliverable. However, Steve thought that currently the task of group was to determine the deliverables instead of their order.
- 9. The attendees discussed the measurement of the coexistence level. Someone said it could not be measured. Instead, the interference level can be measured. Ivan explained that the coexistence level can be measured by metrics such as degradation of throughput.
- Steve said that he will send the straw polls regarding the deliverables to the group for comments after the meeting.

6.00 Meeting closed

Chair 0 8:00 pm