

IEEE P802.19
Wireless Coexistence

[Meeting Minutes for TVWS Coexistence]

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Abstract

In this meeting, the group discussed working group document on coexistence scenarios and the issues related to database.

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ATTENDANCE

Attendees	
Name	Affiliation
Steve Shellhammer (Chair)	Qualcomm, Inc.
Haiguang Wang (Secretary)	Huawei Technologies
Chen Hou-Shin	Thomson
Fanny Mlinarsky	octoScope
George Vlantis	STMicroelectronics
Gerald Chouinard	CRC
Harry Bims	Protocomm Systems
Herschel Stiles	Voyant International
Hyunduk Kang	ETRI
Ivan Reede	AmeriSys Inc
Joe Kwak	InterDigital
Julan Hsu	Samsung Electronics
Kaberi Banerjee	Self
Mark Cummings	enVia Technology Partners, Inc
Mimi Tam	octoScope
Prabodh Varshney	Nokia
Paul A. Lambert	Marvell Semiconductor
Reddy, Ranga	CIV USA USAMC
Thomas Kolze	Broadcom
Wendong Hu	STMicroelectronics
Victor Hou	Broadcom

1.00 Meeting called to order **Chair 0 7:03 pm**

The meeting was called to order by the Chair, Steve Shellhammar.

2.00 Attendance **Chair 0 7:03 pm**

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

3.00 Review IEEE Patent Policy **Chair 1 7:03 pm**

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

4.00 Approval of Previous Meeting Minutes **Chair 1 7:04 pm**

The chair required to approve the meeting minutes of previous meeting. There is no objection and the chair declares that the minutes are approved.

5.00 Discuss the progress of the working group document Chair 35 7:05 pm
and TV White Space database techniques.

1. The chair mentions about the working group document prepared by Mark Cummings, Alex Reznik and Richard Paine. Mark says that the document has been finished by 90%. Mark will upload the document to 802.19 website once it is finished.
2. Chair asks Mark to talk about the progress of TV White Space database. Mark says that he has attended some of the database meeting and the TV White Space database may provide available channel list. It may also record the spectrum used by the TV White Space devices to avoid interference.
3. Renga asks whether the TV White Space database provides spectrum reservation capability. Mark says that FCC requires the database record information of transmitters, including the TV White Space devices.
4. Chair asks whether meeting attendees are interesting in database. Tom replies yes to it. Mark mentions that FCC can use database to blacklist some bad TV White Space devices. Renga asks how to identify a TV White Space device. Mark says that FCC requires TV White Space devices providing various information including location, service provider's name, email address, telephone number etc. Mark says there are two types of queries to the database.
5. Ivan mentions that some countries allow the database reveal more information about the devices. The database resolver is like a DNS server on Internet.
6. Mark mentions that there is an informal database group that includes about 20 companies, including TV broadcasters, industry and consumer electronic companies.
7. Chair suggests that Mark gives a presentation on database and FCC regulations. Mark replies that he has communicated with various groups in the meeting. The database group is not formally structured. He is not sure what can be released and what cannot. He has to be careful. Mark says that he may ask someone from the founding groups to present general information about the database in the future. Steve suggests invite her to give a presentation on July meeting. Mark will ask whether she want to do it.
8. Ivan says that it may not be appropriate to invite her to give the presentation as the documents from the database group are not open and we always discuss open issues in IEEE. Steve suggests that we can ask her to submit an IEEE 802 document. However, the requirement on openness may prevent her from presenting the topic.
9. Tom asks Mark to share the information he has about the database. Mark says he will post the documents on mailing list tonight or tomorrow.
10. Chair says that there will be two presentations in next week's meeting, one by Mark and the other by Renga.
11. Chair queries whether there is any other topic to discuss.
12. Renga asks whether the database group has regular teleconference meetings. Mark says that it is privacy and cannot tell.
13. Ivan mentions that there are documents in IEEE 802.22 and 802.18 addressing the database issues. In the document, the database server is like DNS servers on the Internet. It manages coexistence among devices, the transmitter operations etc. Steve suggests Ivan to send the document on the mailing list.

14. Chair suggests Ivan to present the above document on the IEEE plenary meeting of July.

6.00 Meeting closed

Chair 0 7:40 pm