
IEEE P802.11
Wireless LANs

802.11aj Conference Call Minutes**Date:** 2012-10-25**Authors**

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ABSTRACT

This document contains minutes of the 802.11aj conference call on 25 Oct 2012.

Revision History

Author	Revision	Date	Description

Attendance

Participant	Affiliation	25/10		
Jiamin CHEN	Huawei	X		
Peng HAO	JUST	X		
Jianhan LIU	MediaTek	X		
Jerry LIU	Hangzhou Milliwave	X		
Pei LIU	Huawei	X		
Su LU	Huawei	X		
Xiaoming PENG	I2R	X		
Eldad Perahia	Intel	X		
Bo SUN	ZTE	X		
Haiming WANG	SEU	X		
Lan ZHOU	CESI	X		

MINUTES**October 25, 2012****Chair: Xiaoming Peng (I2R)****Chair reviewed IEEE patent policy, no LOA request.****Chair gently reminded to use the IEEE doc template for document submission, and email the secretary Peng HAO for the attendance.****Jiamin CHEN (Huawei) reviewed the 11aj usage model.**

- **New Contribution:**
11-12-1245-00 IEEE 802.11aj Usage Models Document

In the document, Category 8 and 9 are included, as follows,

- Category 8: portable device application
 - Usage model 8a: Peer-to-Peer Communication Between Portable Devices.
 - Usage model 8b: Rapid Download Mass Data from Fixed Devices.
 - Usage model 8c: Cloud Computing/Storage & Mass Data Synchronization.
 - Usage model 8d: Wireless Peripheral Application
- Category 9: Wireless Networking
 - Usage model 9a: Access to Internet/Interanet via 60GHz/45GHz MM-Wave AP.

Comments

- Eldad (Intel) suggested highlighting the new usage model part should be highlighted in the document. He explained that Category 1-6 worked for both very high throughput (VHT) for 11ac on 5GHz and 11ad on 60GHz. He suggested the usual model document should not include technique content such as 1.08GHz channel bandwidth. The technical content can be included in the later technical proposals.
- Xiaoming and Eldad confirmed that 802.11aj PAR does not consist of information of 1.08GHz bandwidth. Therefore, it is advised not putting the bandwidth information in the usage model document. However, the data rate, range and power consumption can be mentioned in the usage model.
- Bo Sun (ZTE) commented Usage model 8b, 8c and 8d may have similar issues for both 60GHz and 45GHz. He suggested think of some new usage models for the scenario using narrow bandwidth, e.g. lower power.
- KB (I2R) clarified if usage models for 11ad should be supported by 11aj as well. Eldad explained that 11ad did not have separate usage model document, it used the usage model document from WFA. Both Xiaoming and Eldad confirmed that according to the backward compatibility with 11ad mentioned in 11aj, usage models for 11ad should be supported by 11aj.
- Jiamin highlighted that Usage model 8 and 9 are for portable devices.
- Xiaoming suggested Jiamin modify the usage model document based on the comments and feedback and present in Nov meeting.

The meeting was adjourned at 08:50am.