
PROJECT	IEEE P802.16 Broadband Wireless Access Study Group	
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TITLE	Report on the Fifth Meeting of ITU-R JRG 8A-9B (Wireless Access)	
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DIST	IEEE P802.16 Working Group	
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ABSTRACT	This contribution provides a report on the results of the Fifth Meeting of the ITU-R Joint Rapporteur Group 8A-9B (JRG 8A-9B), held on 12-16 April 1999 in Geneva, Switzerland. This is provided for information of the members of IEEE 802.16.	
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**Report on the Fifth Meeting of the ITU-R Joint Rapporteur Group
8A-9B, held on 12-16 April 1999 in Geneva, Switzerland,
for information of the members of IEEE 802.16**

José Costa
Nortel Networks

The fifth meeting of the Joint Rapporteur Group 8A-9B (JRG 8A-9B) on Wireless Access was held from 12-16 April 1999 in Geneva, with 34 participants from 14 countries. The JRG 8A-9B works on the following **Questions**¹:

Question ITU-R 215/8:	“Frequency bands, technical characteristics, and operational requirements for wireless access local loop systems”
Draft revision of Question ITU-R 125-3/9:	“Point-to-Multipoint radio systems”
Draft revision of Question ITU-R 140-2/9:	“The use of mobile-derived technologies in fixed wireless access applications”
Draft revision of Question ITU-R 212/8:	“Radio local area networks for mobile applications”
Draft revision of Question ITU-R 142-1/9:	“Radio local area networks (RLANs)”
Draft new Question [Doc. 9/43]:	“Fixed wireless access systems using ATM”.

The work of the JRG 8A-9B is organized into 5 Task Rapporteur groups:

- Task 1: Suitable frequency bands and sub-band plans
- Task 2: Performance and operational aspects, generic requirements for FWA, broadband wireless access, vocabulary and handbook
- Task 3: Frequency sharing between FWA and MWA
- Task 4: Characteristics of broadband RLANs
- Task 5: Frequency sharing between RLANs and MSS feeder links in the 5 GHz band

At the April meeting the JRG 8A-9B completed three draft new Recommendations:

- “A methodology for assessing the level of operational compatibility between FWA and radiolocation systems when sharing the band 3.4 – 3.7 GHz”
- “Generic requirements for FWA systems” and
- “Radio transmission systems for fixed BWA based on cable modem standards (Annex B of ITU-T Rec. J.112)”.

The three draft Recommendations were subsequently adopted by Working Party 9B and by the joint meeting of Working Parties 9A, 9B and 9D, on 20 April 1999.

¹ A “Question” in ITU-R is somewhat equivalent to a “PAR” in IEEE and the full text of the Questions is available from the ITU web site at <http://www.itu.int>

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The draft Recommendation F.bwa “Radio transmission systems for fixed BWA based on cable modem standards (Annex B of ITU-T Rec. J.112)” should be of particular interest to IEEE 802.16 members and the electronic file is enclosed for information (filename: 9B-134ev2.doc).

The JRG 8A-9B uses the following e-mail reflector address²:

jrg8a-9bwas@itu.int

The JRG 8A-9B documents are available for downloading through the Internet at <http://www.itu.int/was>

The next JRG 8A-9B meeting will be held on 12-16 July 1999 in Ottawa, Canada, at the invitation of Nortel Networks (Canada).

² Those wishing to subscribe to the e-mail reflector should send an e-mail to the following address: “mailserv@itu.int” with the following single line in the text: “subscribe jrg8a-9bwas”.

Attachment 1**List of relevant working documents from the fifth meeting of the JRG 8A-9B which are available in the report of the meeting -- Document 8A-9B/132 (<http://www.itu.int/was>)**

- Information document for technical information necessary for performing sharing studies (Doc. 8A-8B/TEMP/41; this contains docs. 8B/TEMP/51, 52 &53)
- Working document: Bands under study for terrestrial FWA systems and summary of related sharing requirements (Doc. 8A-9B/TEMP/47v2)
- Framework for a PDNR: [Suggested frequency bands for terrestrial FWA systems and related spectrum management issues] (Doc. 8A-9B/TEMP/46)
- Working document toward a PDNR: Characteristics of FWA systems to be used in performing sharing studies with other services (Doc. 8A-9B/TEMP/39)
- Working Document – Amendments to the table of contents for the Edition 2 of the FWA handbook (Doc. 8A-9B/TEMP/23 or 8A-9B/103 Attachment 11)
- Material for the update to the FWA handbook (Document 8A-9B/TEMP/37)
- Working Document: Additional vocabulary of terms for fixed wireless access (Doc. 8A-9B/TEMP/45)
- Working Document on broadband fixed wireless access systems using ATM (Document 8A-9B/33, including Corrigendum 1)
- Working document toward a PDNR [F.T3B]: Methodologies to assess relationship between traffic handling capability and frequency spectrum requirements for a fixed wireless access (FWA) system coexisting in a frequency band in the same area with other fixed or mobile wireless access systems, (Doc. 8A-9B/TEMP/44)