

Project	IEEE 802.16 Broadband Wireless Access Working Group < http://ieee802.org/16 >	
Title	UL Allocation Start Time	
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Re:	Call for contribution IEEE 802.16d-03/02	
Abstract	The UL Allocation Start Time for the OFDM PHY mode as specified in IEEE 802.16a is too short. Proposal to increase this time.	
Purpose	Proposal for inclusion in the 802.16d amendment document	
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UL Allocation Start Time

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1. References

[1] IEEE 802.16a

2. Problem statement and Discussion

In Section 10.3.3.1 of [1], the minimum value of UL Allocation Start Time for the OFDM PHY is set to 200 μ s. This is too short when small bandwidths, with corresponding long OFDM symbols are used. E.g. in SCa this value corresponds to minimum 1 frame duration (2 ms). We propose to increase this value to 1 ms.

3. Proposal

Change in section 10.3.3.1 of [1] the minimum value of the UL Allocation Start Time from 200 μ s to 1 ms.