IEEE P802.11
Wireless LANs

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| 802.11mc HEMM  |
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Abstract

This document contains a discussion and proposals relating to CID148

What is HEMM anyway?  What does "HCCA, EDCA mixed mode" mean?  Which elements of HCCA and EDCA are used in HEMM?

**Change the last paragraph of 9.19.3.5 as follows**:

HCF contention-based channel access shall not be used to transmit MSDUs belonging to an established TS (with the HC’s acceptance of the associated TSPEC), unless the polled STA:

* utilized the full TXOP provided by the HC
* At the completion of the TXOP provided by the HC the STA has more MPDUs to send.

If both these conditions have been met, this STA may transmit MPDUs belonging to an established TS using contention-based channel access, irrespective of the value of the ACM bit in the corresponding access category. When this STA sends frames belonging to a TS using contention-based channel access, it shall encode the TID subfield in the QoS Data frame with the TID associated with the TS. If the STA transmits MSDUs belonging to an established TS using contention based channel access, the STA should request modification of the associated TSPEC to an HCCA schedule that allows this TS to be serviced entirely using TXOPs in a CFP.

**References:**