***Revise line 2 on page 199 to*** “DSME is designed for following application domains:”

***Rename the title of M.4 on page 199 to*** “M.4 Deterministic and Synchronous Multi-channel Extension (DSME)”

***Change the acronym of DSME on page 3 to*** “DSME Deterministic and Synchronous Multi-channel Extension”

***Add the following at the end of Annex M.4on page 199:***

Recommended DSME parameter setting for different application types is presented in Table M.1. Delay sensitive applications such as factory automation require low delay. Setting small SO and MO values can reduce the delay. Reliability sensitive applications such as patient monitoring require very low probability of data loss. Group ACK can improve the effectiveness of retransmissions. The loss due to time synchronization error can be reduced using Deferred Beacon and DSME-GTS Retrieve Synchronization. Energy critical applications such as infrastructure monitoring require low duty cycle. DSME allows a device to sleep during CFP except for DSME-GTS that are assigned to the device. CAP reduction increases the duration of CFP and thus increases the duration of sleeping. High throughput applications such as file transfer can be supported by setting relatively large SO value and making most out of CAP. Large scale applications such as smart utility networks and process control require large number of devices to be supported in a PAN. Setting relatively big value for MO can increase the number of devices to be supported by DSME-GTSs.

**Table M.1 Recommended DSME parameter setting for different application types**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Application Type | BO | SO | MO | CAP Reduction | Group ACK | Deferred Beacon | DSME-GTS Retrieve Synchronization |
| Delay Sensitive Applications | 6 | 0 | 1 | Enabled | Enabled | Enabled | Enabled |
| Reliability Sensitive Applications | 8 | 3 |  | Disabled | Enabled | Enabled | Enabled |
| Energy Critical Applications | 14 | 1 | 14 | Enabled | Disabled | Disabled | Disabled |
| High Throughput Applications | 10 | 5 | 6 | Disabled | Disabled | Disabled | Disabled |
| Large Scale Applications | 10 | 1 | 8 | Enabled | Disabled | Enabled | Enabled |