

8: Custom AT Commands

For C10QM

1. Command: AT+CAVSTATUS?

Purpose: Checks the module's health and network status.

Expected Response:

+CAVSTATUS: "OK", SIGNAL=78%, NETWORK="LTE"

OK

2. Command: AT+CAVDATA="TEMP:25.3,HUM:60"

Purpose: Sends sensor data to a cloud platform.

Expected Response:

+CAVDATA: "UPLOAD SUCCESSFUL"

OK

3. Command: AT+CAVFOTA?

Purpose: Queries for available firmware updates over-the-air

Expected Response:

+CAVFOTA: VERSION="1.0.5", UPDATE="YES"

OK

These are three hypothetical custom AT commands that would enhance real-world IoT operations if implemented on the C10QM