

SUMMARY

The final evaluation involved executing a complete SMS operation using a logical sequence of AT commands: AT, AT+CSQ, AT+CMGF=1, AT+CMGS, and AT+CMGR. The purpose was to test the modem's responsiveness, check signal quality, set the SMS mode to text, send a message, and then read it back. The test began successfully with the modem responding to the AT command, followed by a successful signal strength reading through AT+CSQ, which returned +CSQ: 21,0, indicating good signal conditions. The SMS mode was then set to text using AT+CMGF=1, which executed as expected.

The SMS was composed and sent using AT+CMGS, with the message "HI GUYS" successfully transmitted, returning a message reference (+CMGS: 1) and OK, confirming successful delivery. However, when attempting to read the message using AT+CMGR=1, the modem returned an ERROR. This failure likely resulted from the message either not being stored at index 1 or due to limitations within the emulator regarding message storage and retrieval.