

7.3 Troubleshooting The RF

RF Error Codes

The terminal monitors the status of the outdoor transceiver unit and reports any fault conditions in the system logs.

Table 32 lists the general fault conditions are reported by the system event log.

Table 32: RF Errors	
Error Type	Description
AN-30e PLL Error	The PLL (Phase Locked Loop) section within the terminal experienced an error. The System Fault LED may light. Try resetting the terminal.
Communication Error Over IF Cable	Communication between the terminal and the transceiver failed. Check the IF cable and connectors.
Radio High Temp. Warning	The transceivers internal temperature rose above 185F / 85C. The transceiver shuts down for thirty seconds to allow cooling time.
Radio Power Supply Fault	Displays a fault in the transceivers power supply. This error could be due to a problem with the internal power supply, or with the power source from the terminal. If the Low DC Voltage At Radio error is also indicated, (see below) check the IF cable and connectors. If the Low DC Voltage At Radio error is not indicated, the transceiver requires servicing.
Low DC Voltage At Radio Input	The DC voltage at the transceiver (carried by the IF cable from the terminal) is lower than the required 24 VDC. Check the IF cable and connectors. The minimum required voltage for operation is 12 VDC.

See Table 33: RF Status Error Codes for a list of the thirty-two possible error codes.

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