

Traceability Matrix

Features	Use Case	Fulfilled By	Test	Description
Use of power button to turn the device on or off.	UC1 UC2	MainWindow	testPower()	Press and hold the power button until the power LED turns on. To turn off the Oasis Pro at any time, pres the power button to shuts off.
Display of battery level.	UC5	MainWindow	testBattery()	The battery level is monitored and displayed periodically while the session is running. When the battery level is getting low, the device shows a low battery warning. It is recommended that the battery be replaced before running a session if this warning is displayed. When the battery level is critically low, the warning will be displayed red. If this warning is displayed when you turn the unit on, replace the battery immediately.
Battery depletion.	UC5	MainWindow	testSessionSelection()	Battery depletion depends on the device usage such as length of therapy, intensity, and how it is connected
Session selection.	UC4	MainWindow, Menu, Session	testSessionSelection()	Session Group: 20min, 45min and user designated. Session types per group: Theta, Alpha, Beta 1, Beta 2
Testing the connection.	UC6	MainWindow	testConnection()	At the start of each session, the Oasis Pro checks for an electrical connection by entering a test mode. The graph will display the status of the connection. Once a connection has been confirmed, the display will go blank or display a Soft On animation (if resuming or restoring a saved preference). The intensity may be adjusted as soon as the connection test ends.
Intensity selection.	UC7	MainWindow, Session	testIntensitySelection()	The graph shows an approximate intensity level. The window fills the intensity bar display to the corresponding level
Record session preferences.	UC8	MainWindow, Menu, Session	testRecordSession()	Users can choose to record a therapy and add to treatment history. Therapy session information to be recorded: session type, duration and intensity level (if changed during therapy choose last selected intensity level). There would be additional interface needed beyond what Oasis Pro offers to implement this feature, and it is up to you design it
Ability to replay recorded sessions.	UC9	MainWindow, Menu, Session	testReplaySession()	users can replay selected treatments from history of treatments.
Support multiple users.	UC10	MainWindow, Menu, User	testSelectUser()	Multiple profiles with different recorded sessions are available