

# ALU TEST SPECIFICATION

## GROUP 1 – COMMANDS

Test all commands with random inputs. Increase probability for corner occurrence.

1.1 CMD\_ADD returns expected results

1.2 CMD\_AND returns expected results

1.3 Other operations return expected results – once implemented

## GROUP 2 – STATUSES & RETURNS

2.1 Check that all operations called according to the test specification return S\_NO\_ERROR

2.2 Check that parity bit is calculated correctly for the outputted data

2.3 Check if S\_INVALID\_COMMAND is returned for unknown commands