

EQUIP Settings

Trigger Coincidence level: 2. Check that all 4 channels are properly selected (not as shown in picture below).

Gate width: 300 ns Pipeline delay: 100 ns

Threshold: (all) 300 mV

Status output: Reset scalars (ST 3 x) time interval: 5 min

The screenshot shows the EQUIP - e-Lab Qn User Interface Purdue. The interface includes several tabs: Control Panel, TOT Monitor, Rate Monitor, Shower Monitor, and Geometry. The Control Panel tab is active. It features a Log file field with the path 'data/EQUIP_16JUN2017_100603.txt' and a 'Choose File' button. Below this is a Serial port dropdown menu. A row of buttons includes 'S/N:', 'Update', 'Reset scalars(RB)', 'Reset board(RE)', and 'GPS(DG)'. A 'Help:' section contains buttons for 'Page 1(H1)', 'Page 2(H2)', 'Barometer(HB)', 'Status(HS)', 'Trigger(HT)', 'Setup(V1)', 'Voltages(V2)', and 'GPS Lock(V3)'. The GPS status section includes fields for 'GPS status:', 'Sats used:', 'T= [] deg C', 'P= [] hPa', and 'DAC= []'. Latitude and Longitude fields are also present. The Altitude and Time fields are empty. The 'Scalers(DS):' section has five empty input boxes. The 'Control registers(DC):' section has four empty input boxes. The 'Timing registers(DT):' section has four empty input boxes. The 'Trigger' section has checkboxes for 'Ch. 1', 'Ch. 2', 'Ch. 3', and 'Ch. 4', a 'Coincidence level:' spinner set to '2', 'Gate width: 300 ns', and 'Pipeline delay: 100 ns'. The 'Threshold(TL):' section has four input boxes, each containing '300', followed by 'mV'. The 'Status output' section has a dropdown menu set to 'Reset scalars(ST 3 x)' and a 'time interval: 5 min' field. The 'Data output' section has 'Enable(CE)' and 'Disable(CD)' buttons. At the bottom, there is a 'Command:' field and a 'Save(SA 1)' button.