1.

A green line graph on a white background

Description automatically generated

Output high voltage is 5V, output low voltage is 0V. High noise margin is 3.25 V and low noise margin is 1.75V

2. A screenshot of a computer screen

Description automatically generated

Blue is input, green is output. The time difference between input going down and output going up (because the circuit is an inverter) is 0.15us, or 150ns. The propagation delay is the same HI to LO and LO to HI, so both propagation delays are 150 ns.