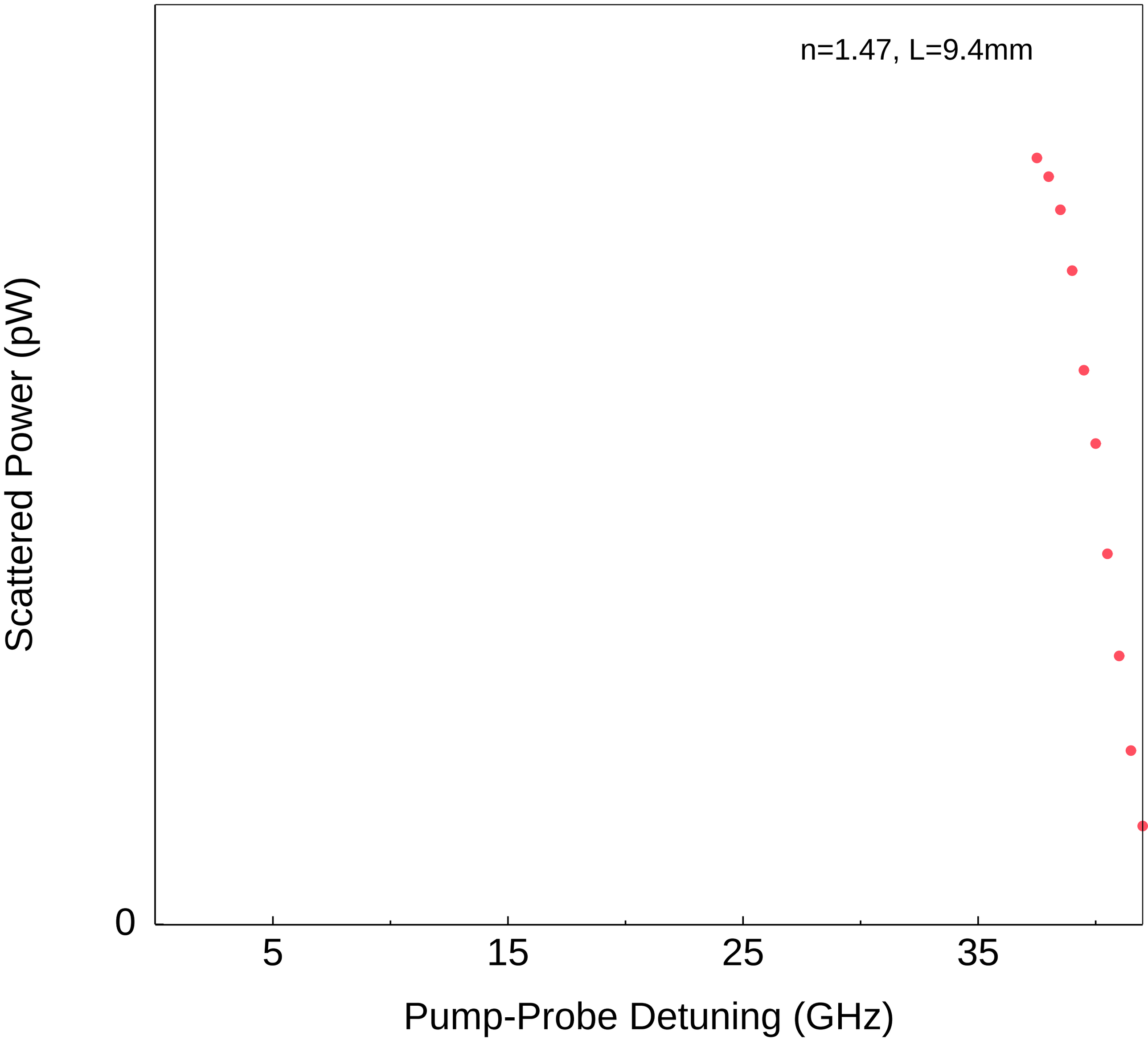Peak Scattered Power vs. Pump-Probe Detuning