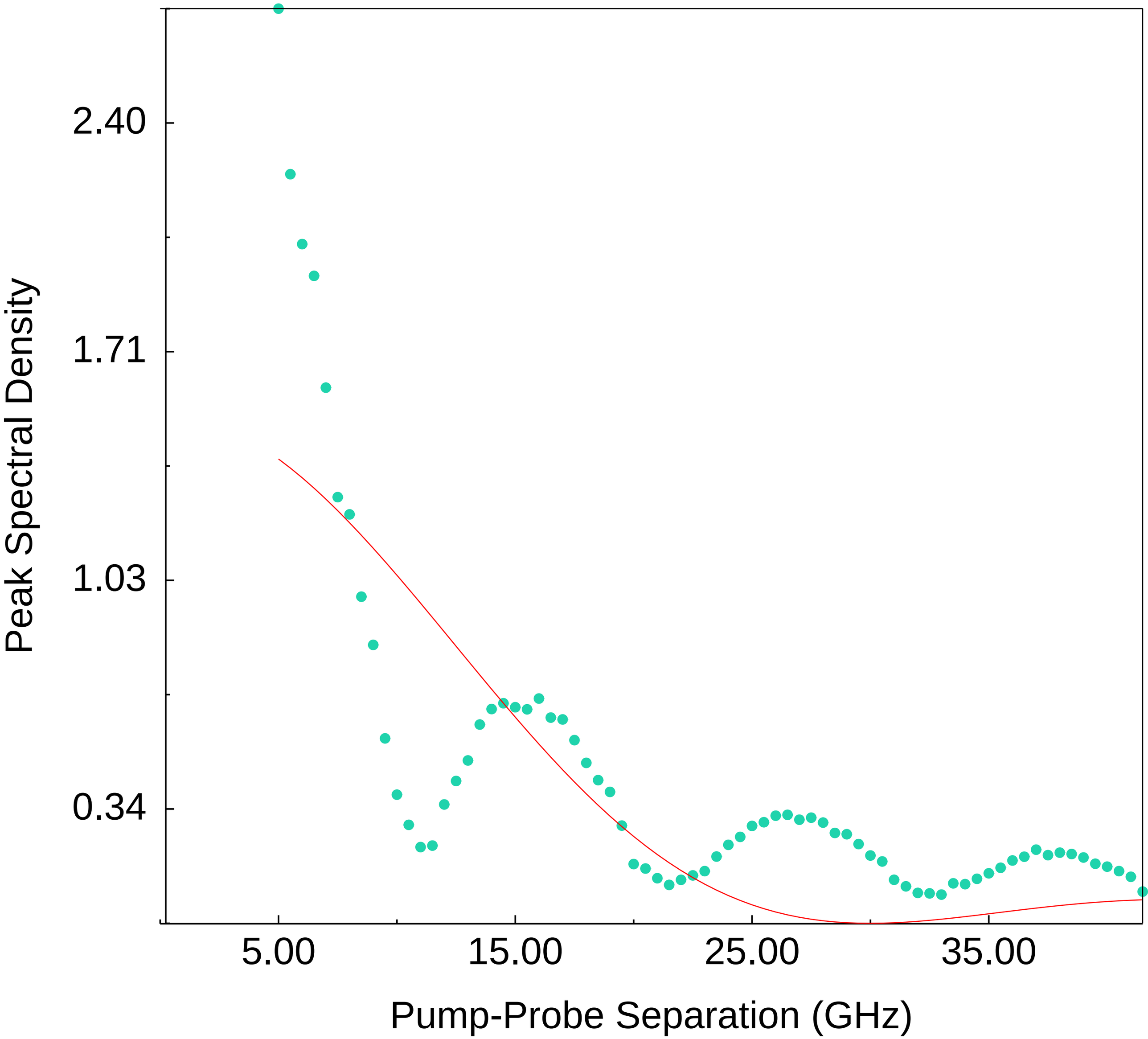1 cm UHNA3 Phase-Matching Bandwidth