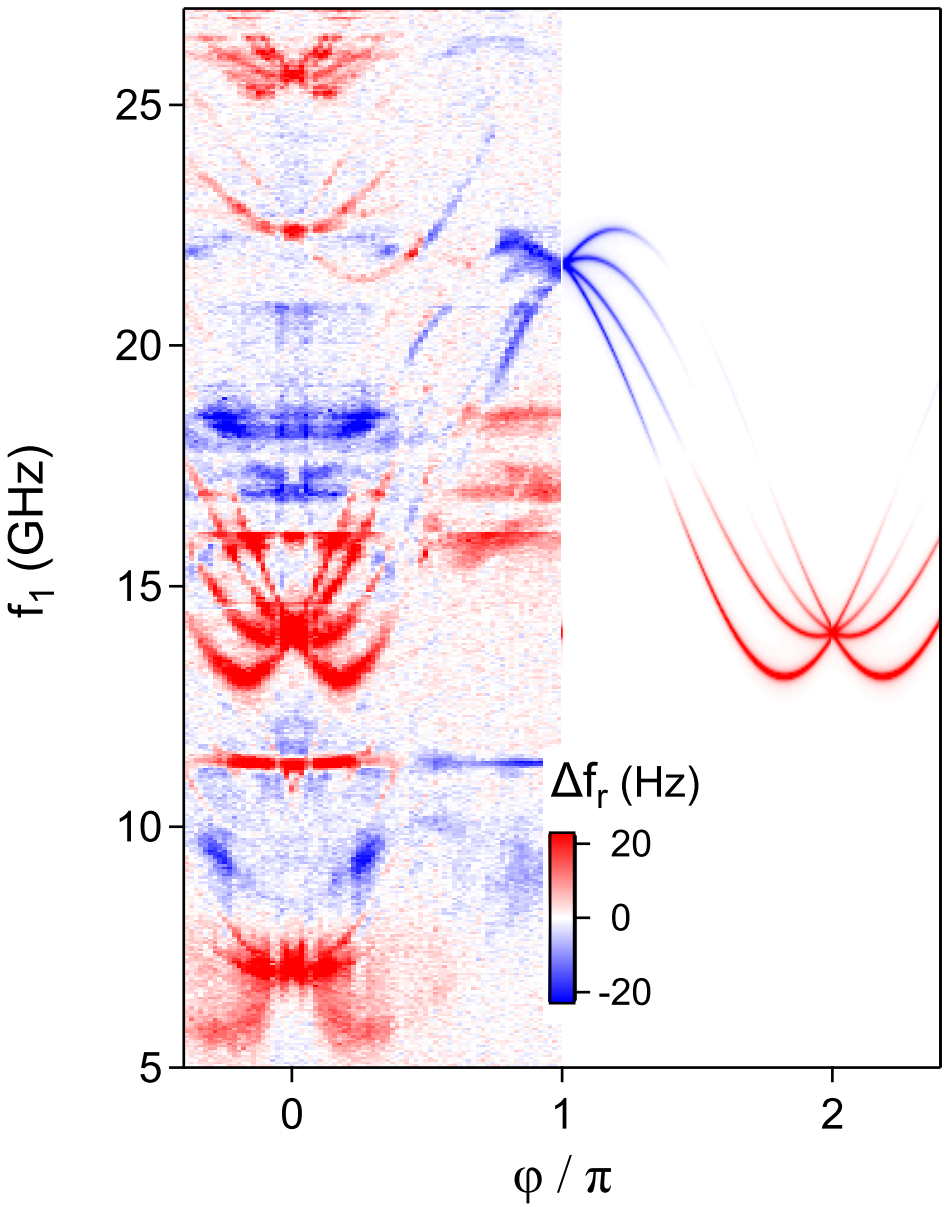
25
20
15
10
5
f_1 (GHz)
0
1
2
φ / π
Δf_r (Hz)
20
0
-20