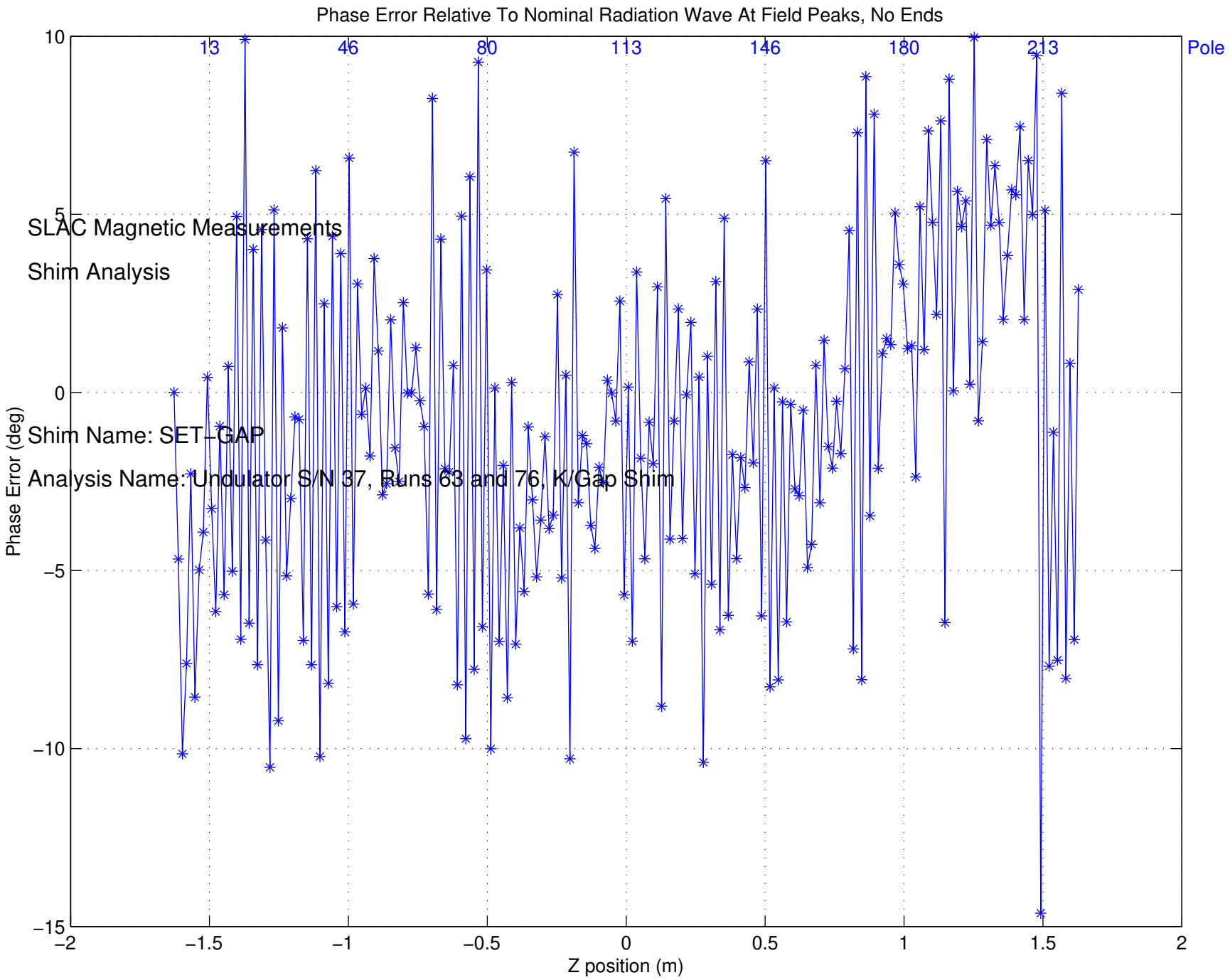
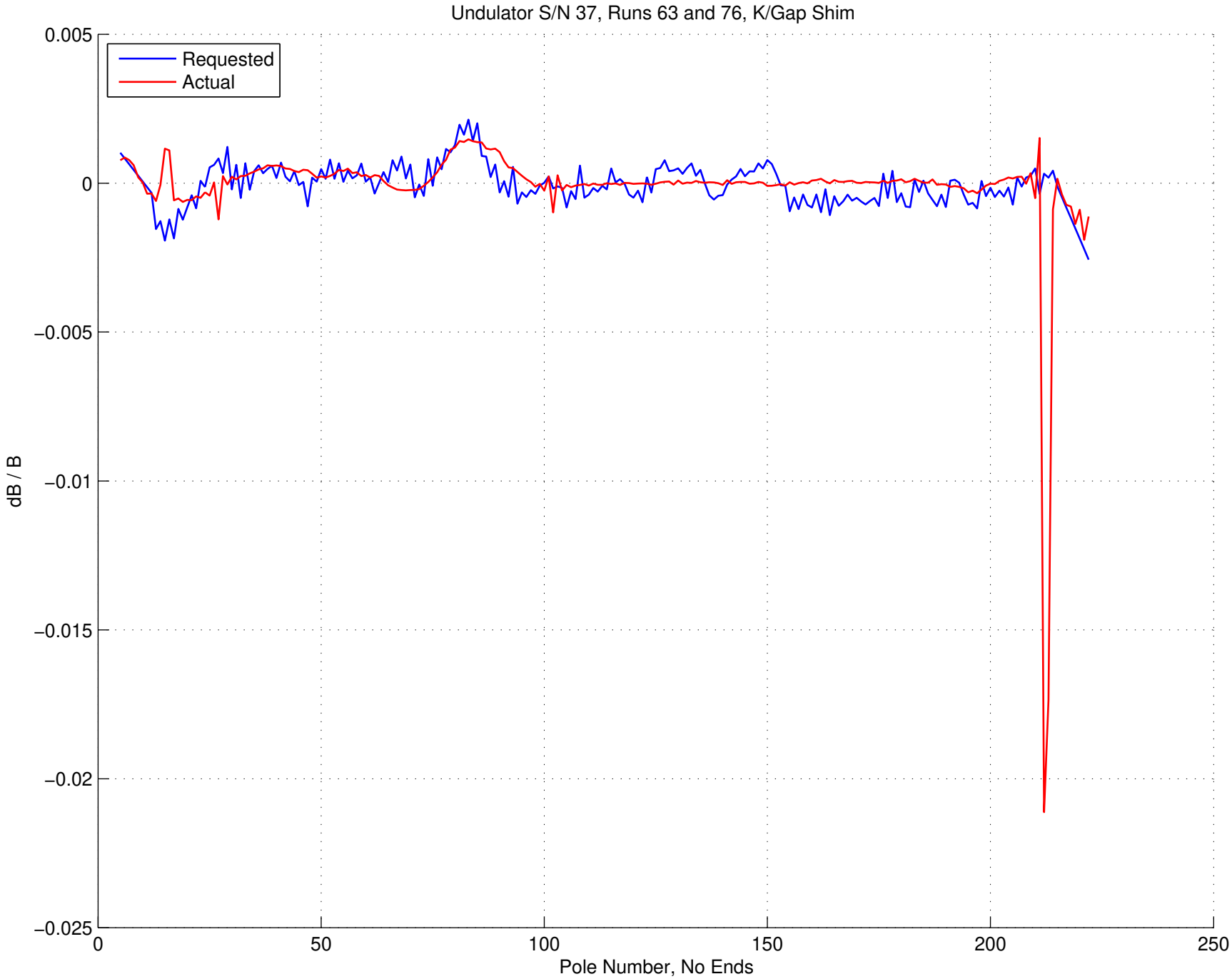

Phase Error Relative To Nominal Radiation Wave At Field Peaks, No Ends
13
46
80
113
146
180
213
Pole
SLAC Magnetic Measurements
Shim Analysis
Shim Name: SET_GAP
Analysis Name: Undulator S/N 37, Runs 63 and 76, K/Gap Shim
Phase Error (deg)
Z position (m)
10
5
0
−5
−10
−15
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2


Undulator S/N 37, Runs 63 and 76, K/Gap Shim
Requested
Actual
0.005
0
−0.005
−0.01
−0.015
−0.02
−0.025
dB / B
0
50
100
150
200
250
Pole Number, No Ends