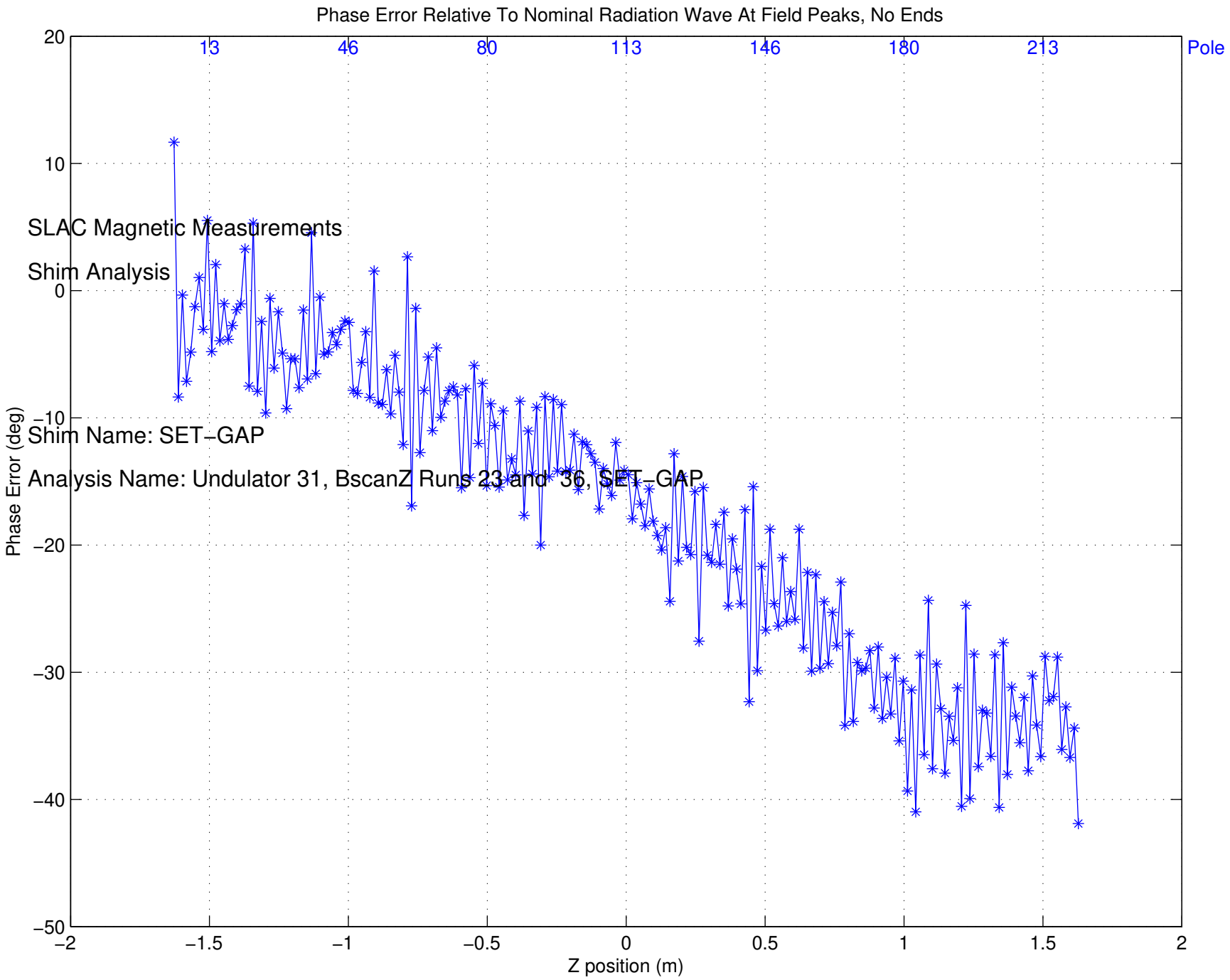
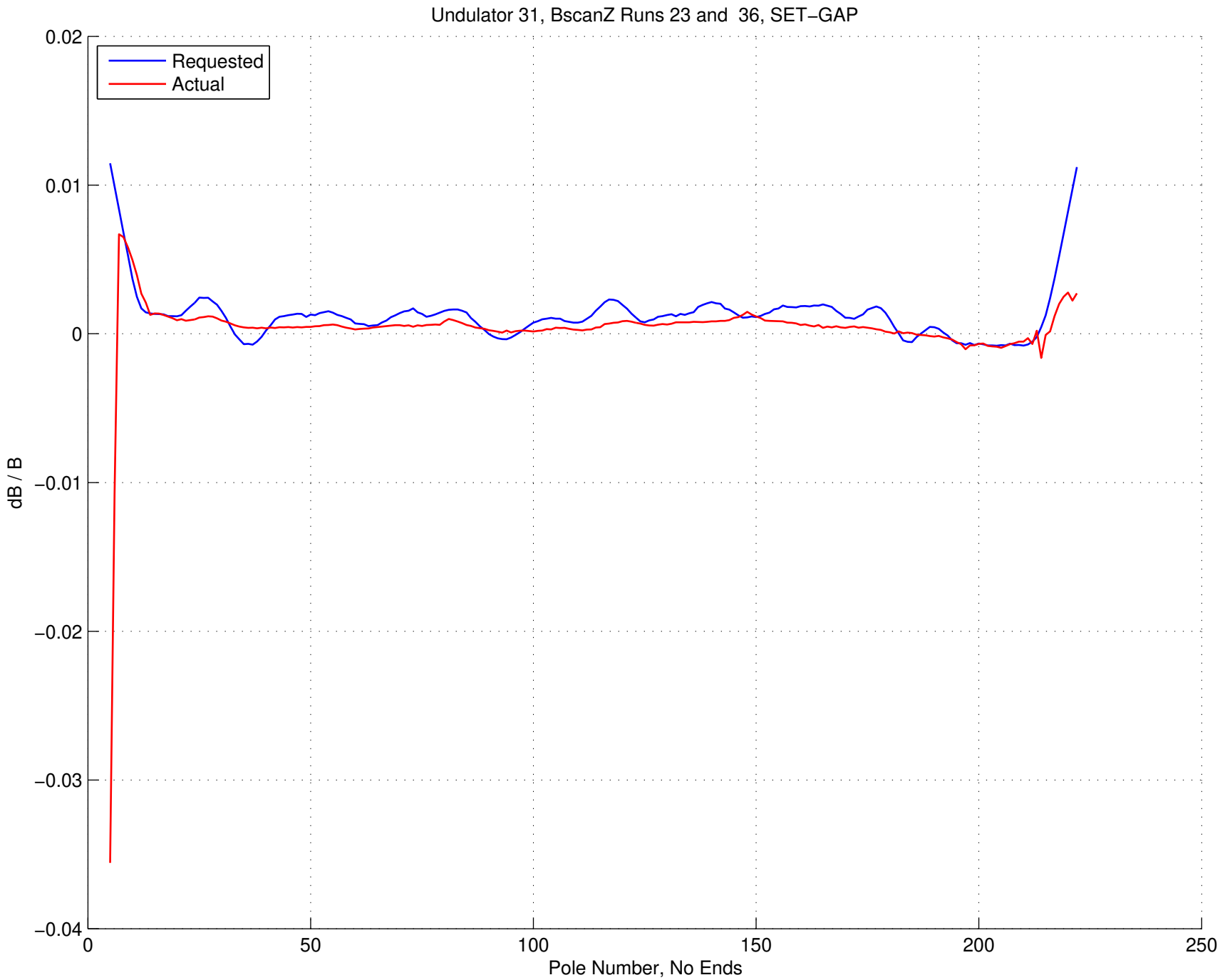

Phase Error Relative To Nominal Radiation Wave At Field Peaks, No Ends
13
46
80
113
146
180
213
Pole
SLAC Magnetic Measurements
Shim Analysis
Shim Name: SET–GAP
Analysis Name: Undulator 31, BscanZ Runs 23 and 36, SET–GAP
Phase Error (deg)
Z position (m)
20
10
0
−10
−20
−30
−40
−50
−2
−1.5
−1
−0.5
0
0.5
1
1.5
2


Undulator 31, BscanZ Runs 23 and 36, SET−GAP
Requested
Actual
0.02
0.01
0
−0.01
−0.02
−0.03
−0.04
dB / B
0
50
100
150
200
250
Pole Number, No Ends