Analysis: Profilograph Simulation

Inputs

Blanking Band (in): 0.2
Minimum Scallop Width (ft): 2.00
Minimum Scallop Height (in): 0.0
Scallop Rounding Increment (in): 0.1
Segment Length (ft): 528.00
Rounded Profile Index: Yes

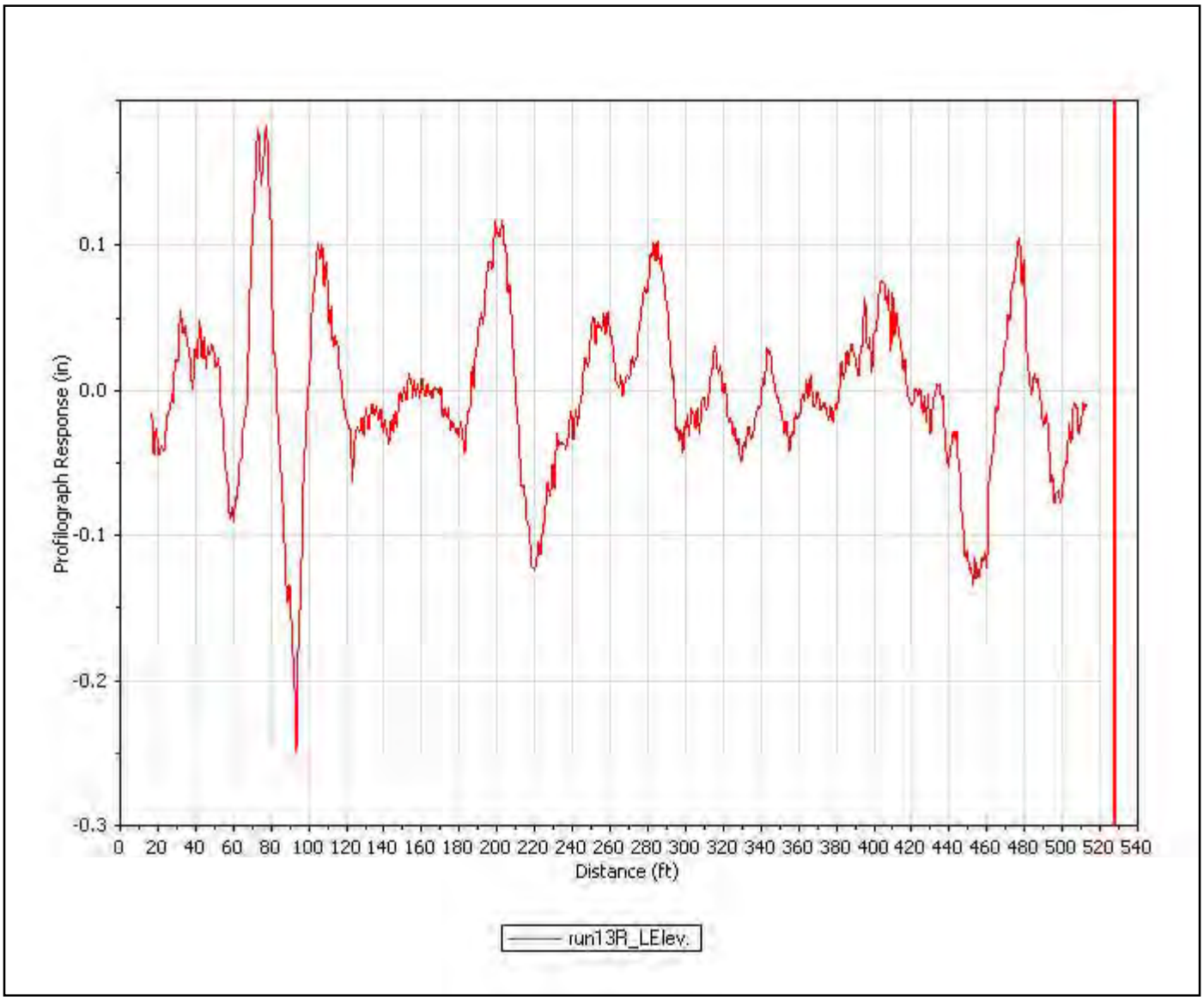
Wheel Offsets

Name	Value (ft)
Offset 1	8.75
Offset 2	11.25
Offset 3	13.75
Offset 4	16.25
Offset 5	11.25
Offset 6	13.75

Selections

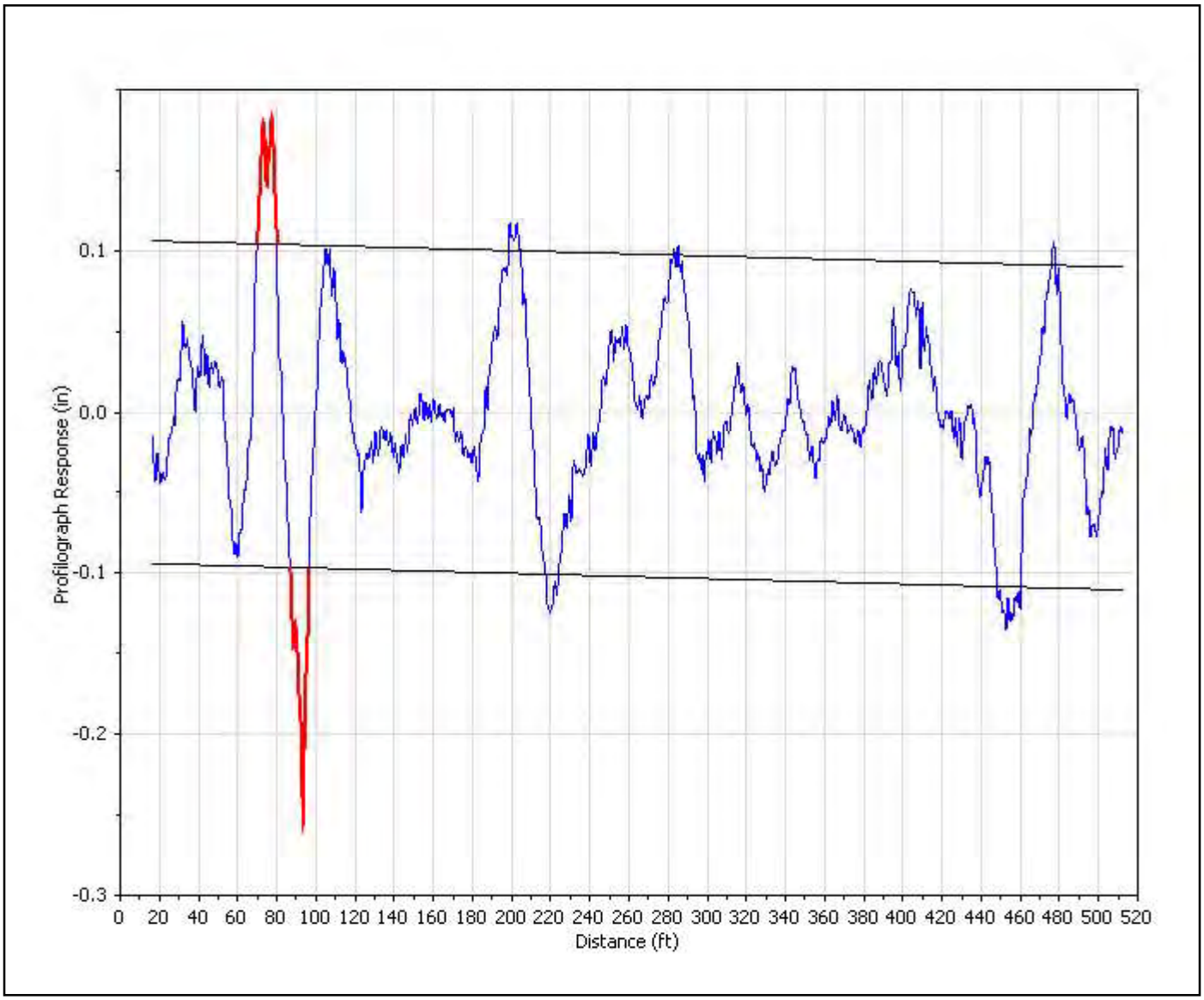
File	Profile	Basis	Section	Filter
run13R	LElev.	Yes	Full	Butterworth Low-pass (1.97 ft)

Simulation Results



Start Distance (ft)	Stop Distance (ft)	run13R_LElev. (in/mi)
16.66	512.19	2.66

Scallops: run13R_LElev.



Scallop	Start Distance (ft)	Stop Distance (ft)	Height (in)
Up	69.89	80.03	0.10
Down	86.81	96.53	0.15