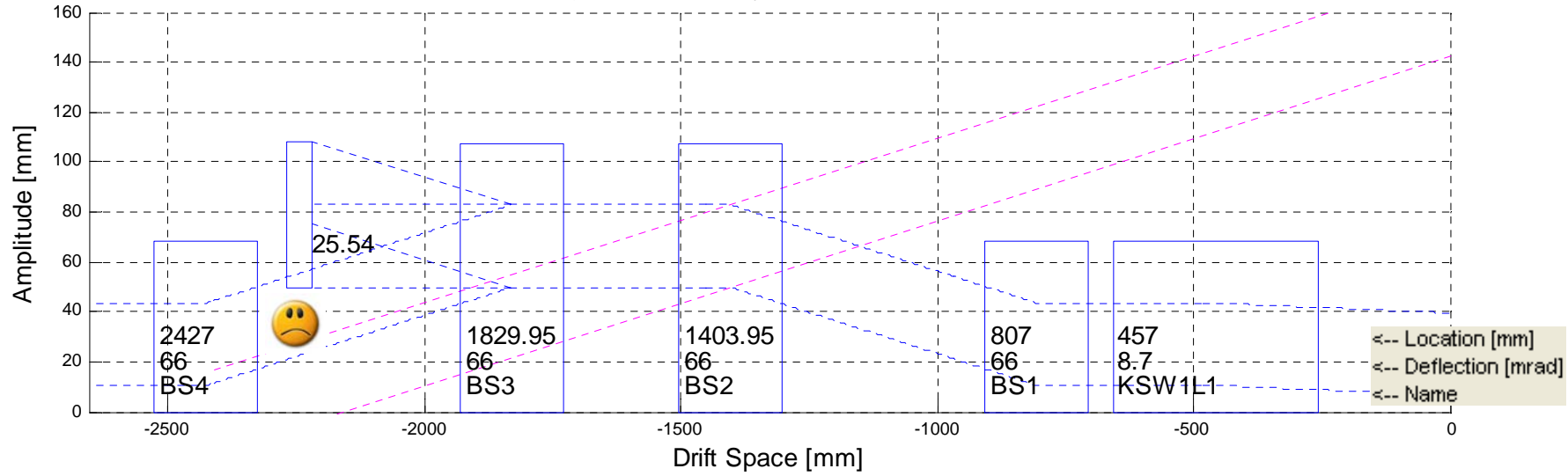
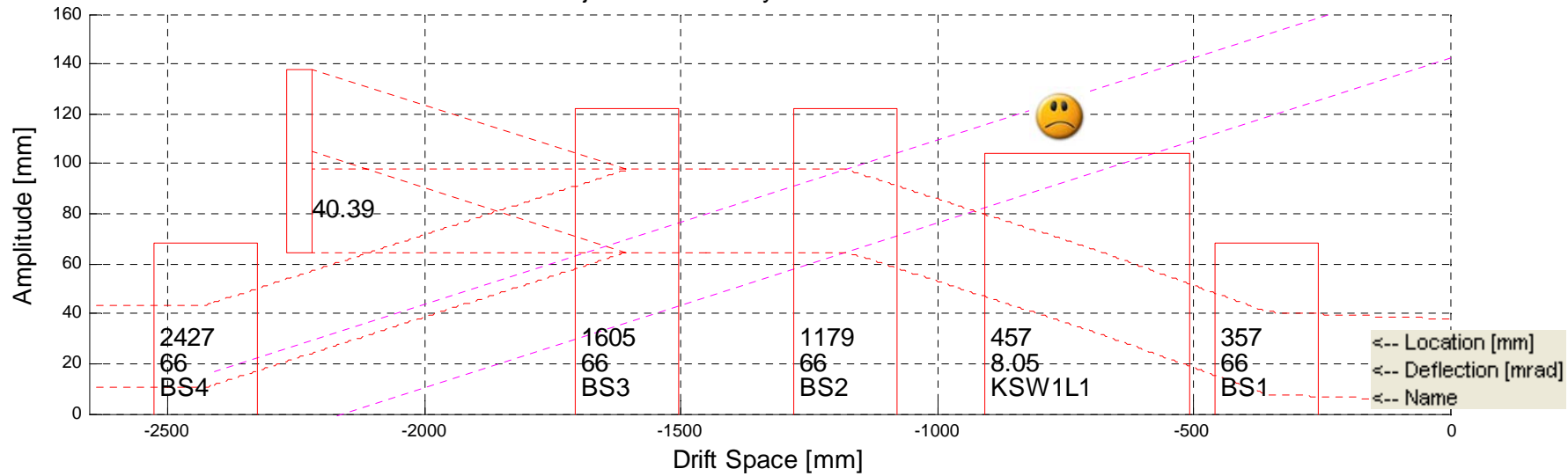


# LINAC4 Design Report Proposal

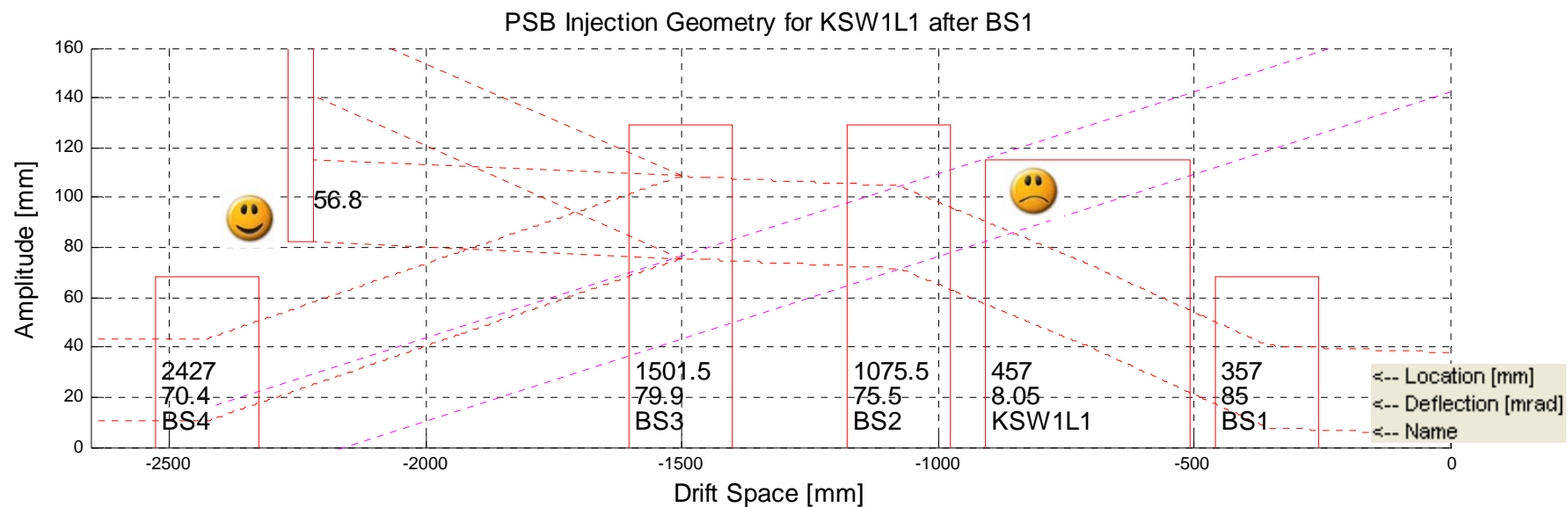
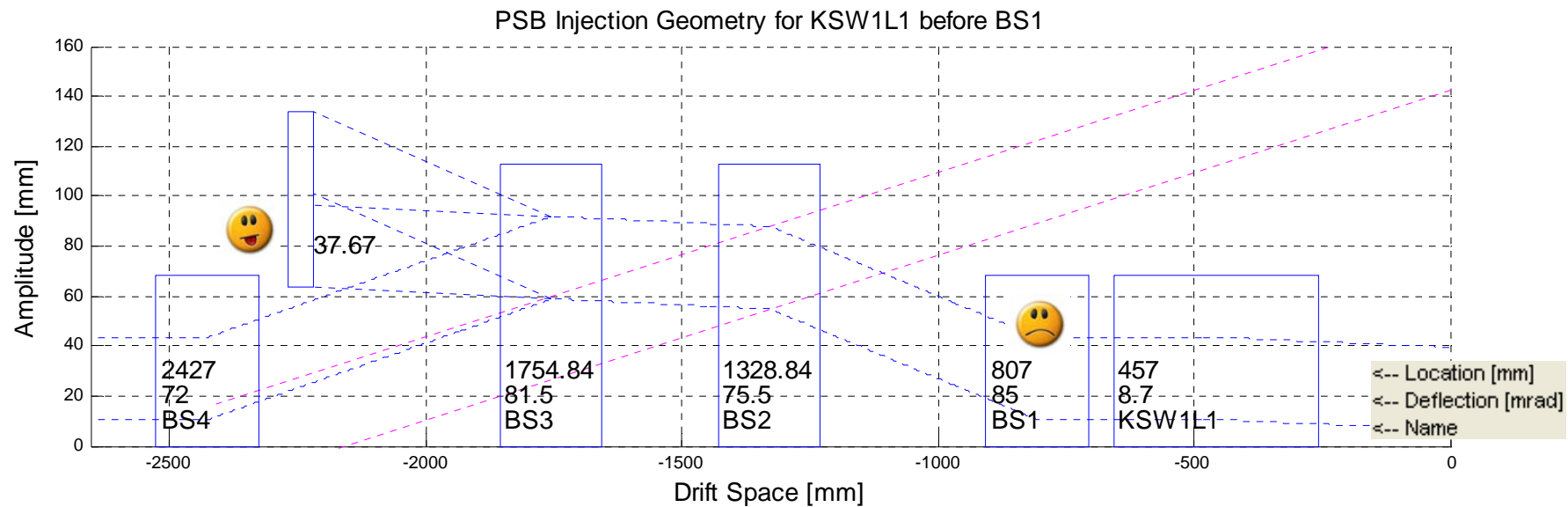
## PSB Injection Geometry for KSW1L1 before BS1



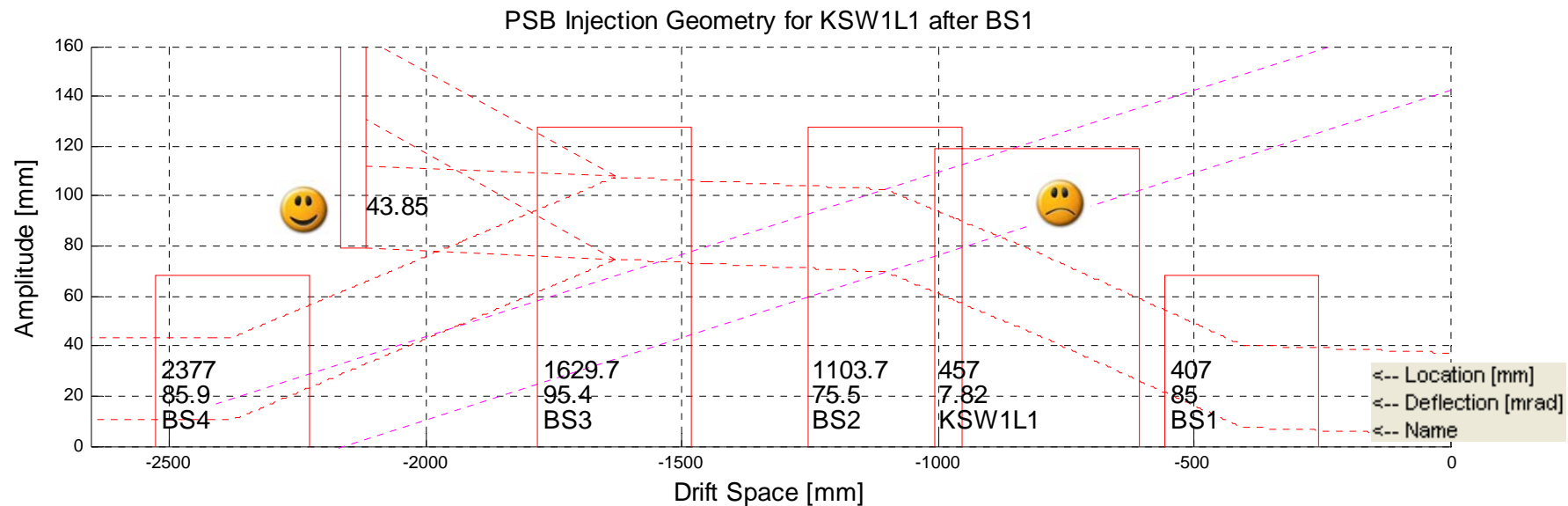
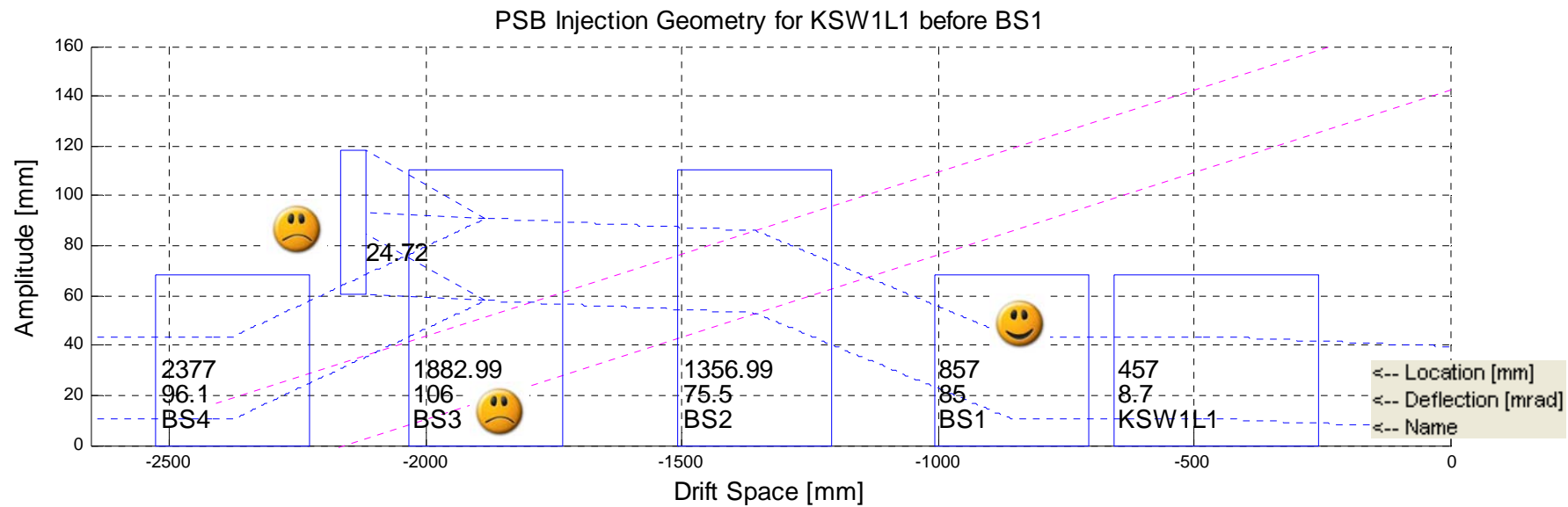
## PSB Injection Geometry for KSW1L1 after BS1



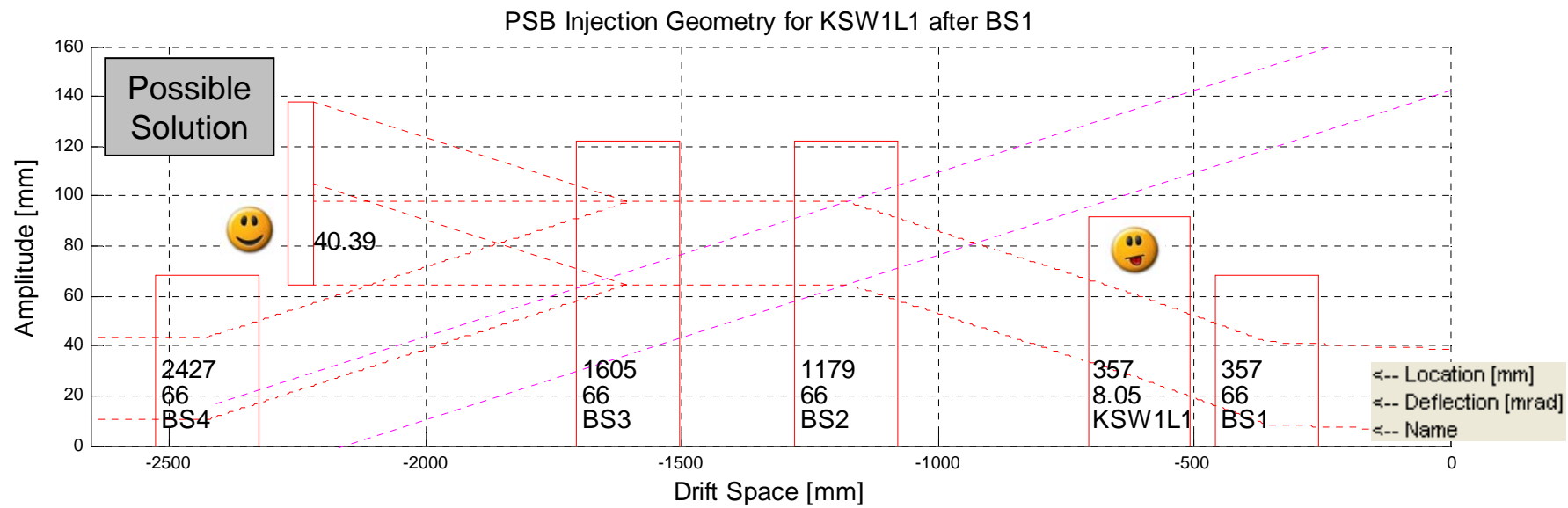
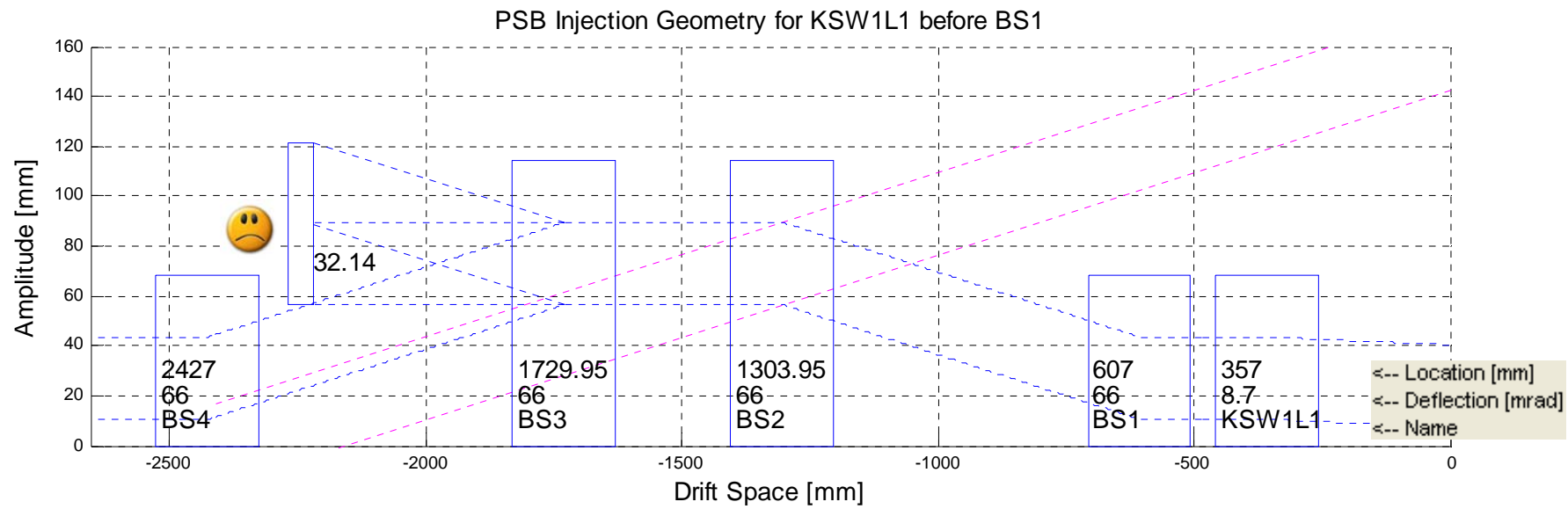
# Nominal, but 85mrad BS1



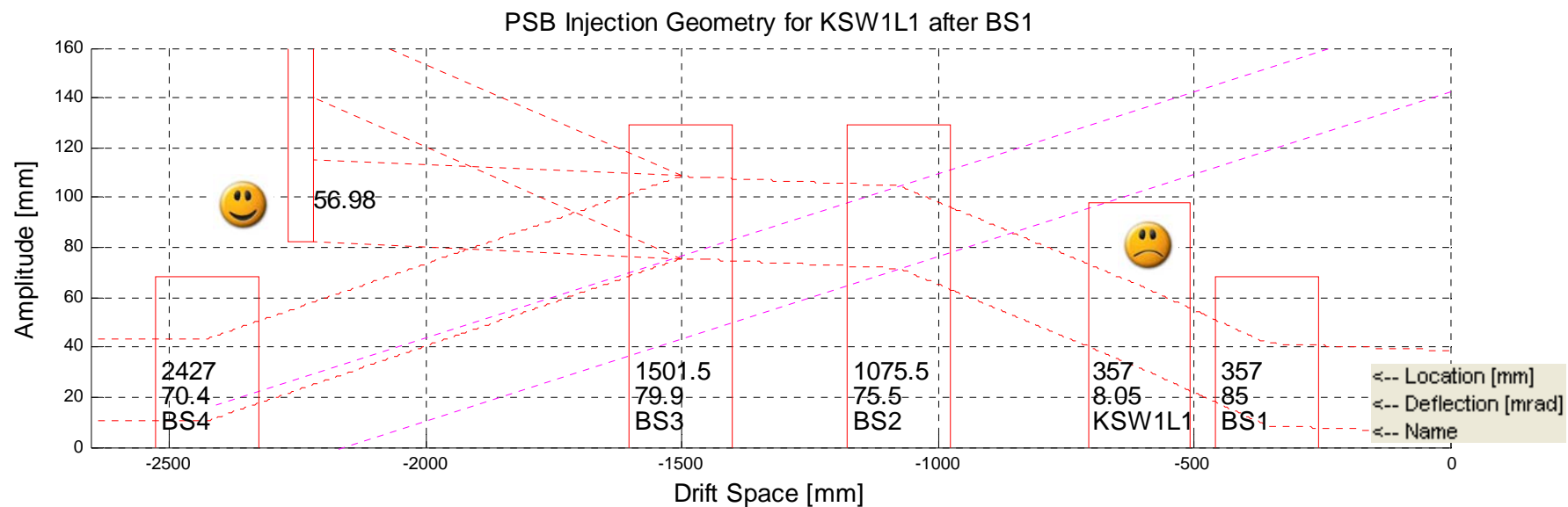
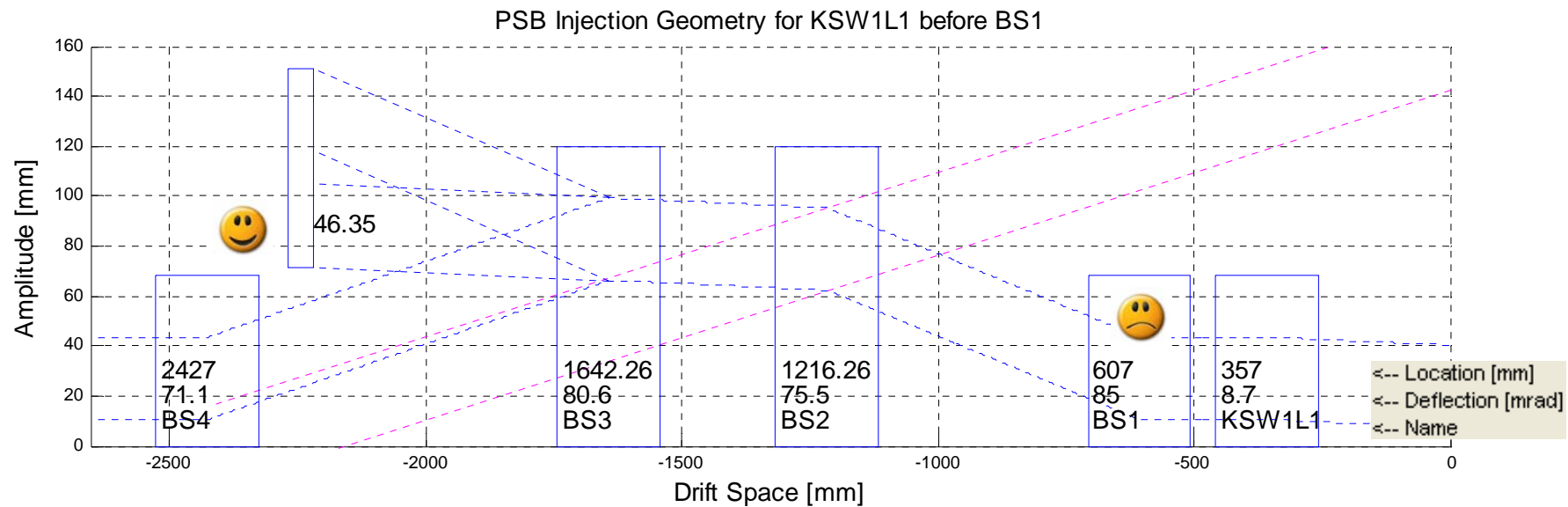
# 85mrad BS1, 300mm BS length



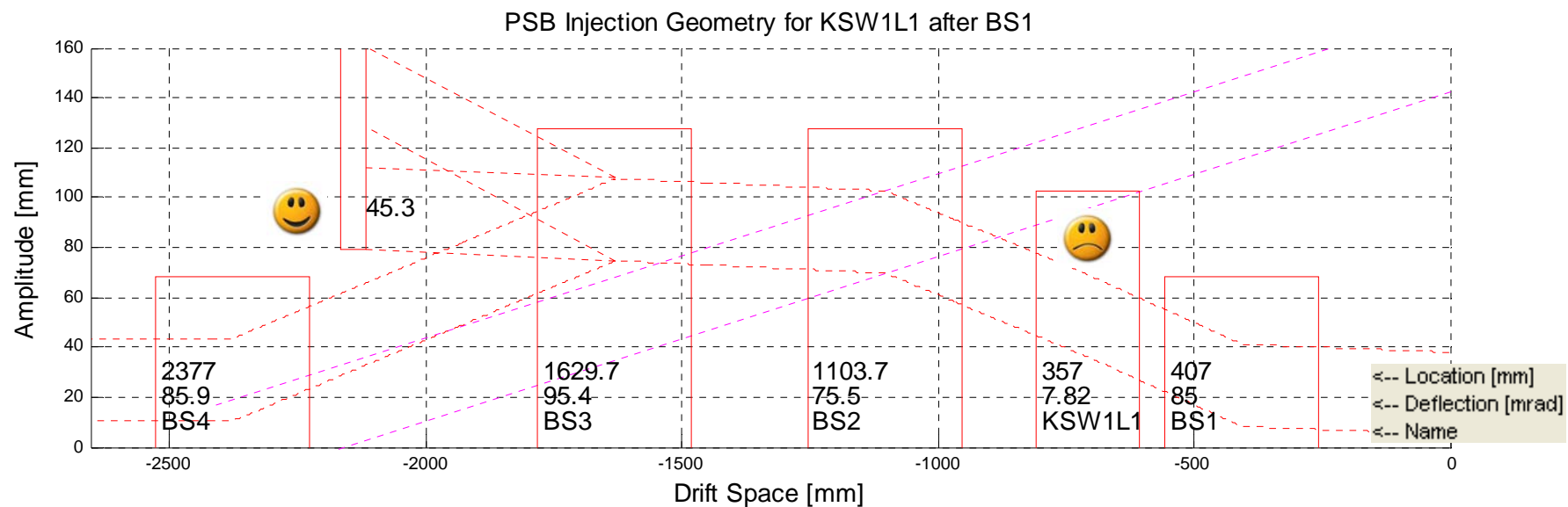
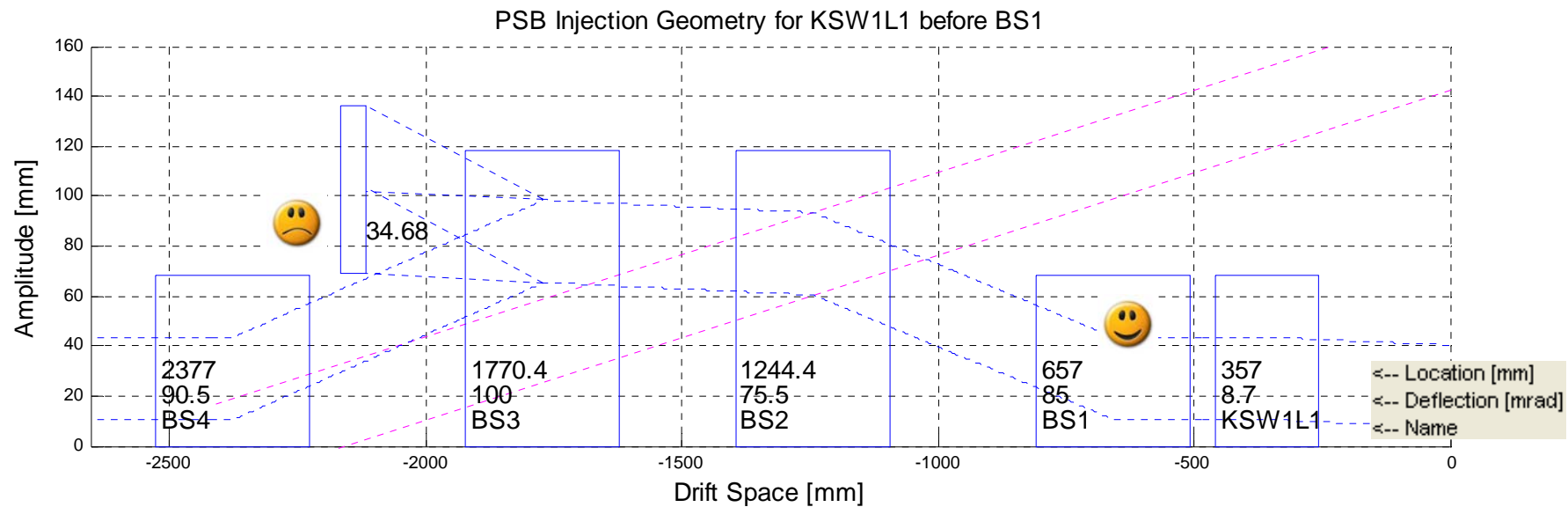
# Nominal, but 200mm KSW length



# 85mrad BS1, 200mm KSW length

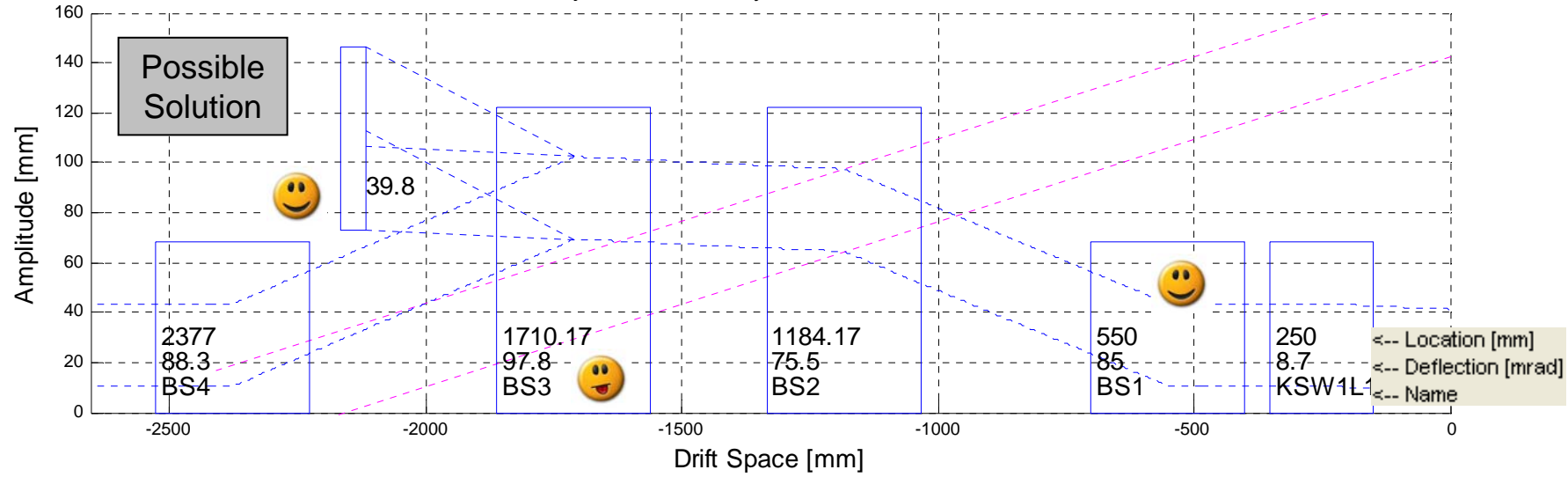


# 85mrad BS1, 300mm BS length, 200mm KSW length

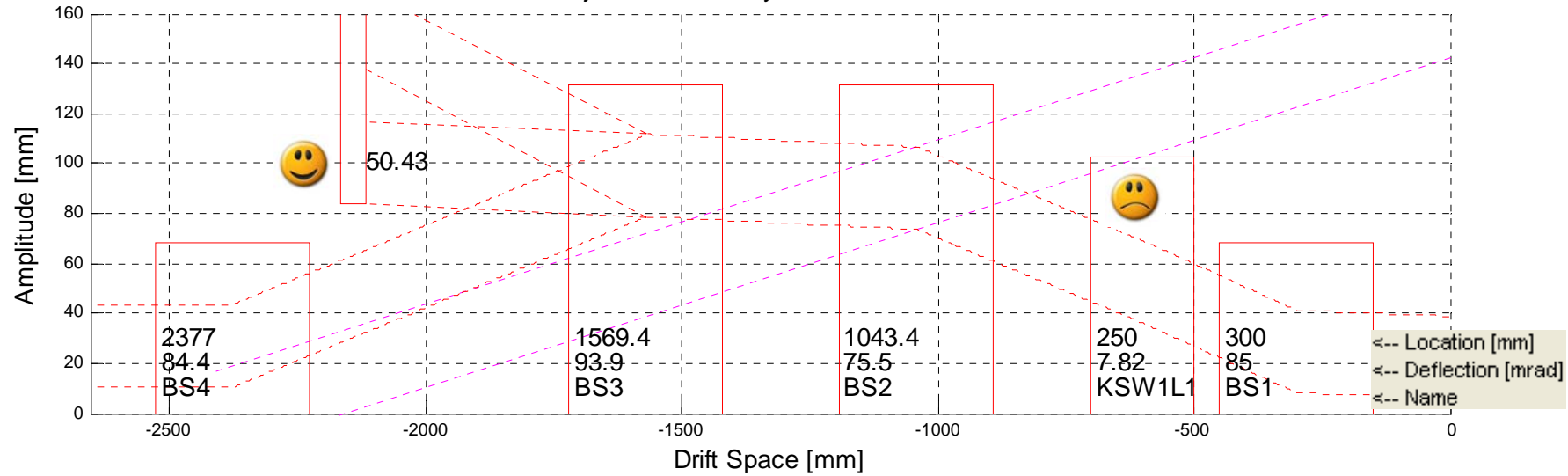


# 85mrad BS1, 300mm BS length, 200mm KSW length, 150mm Drift

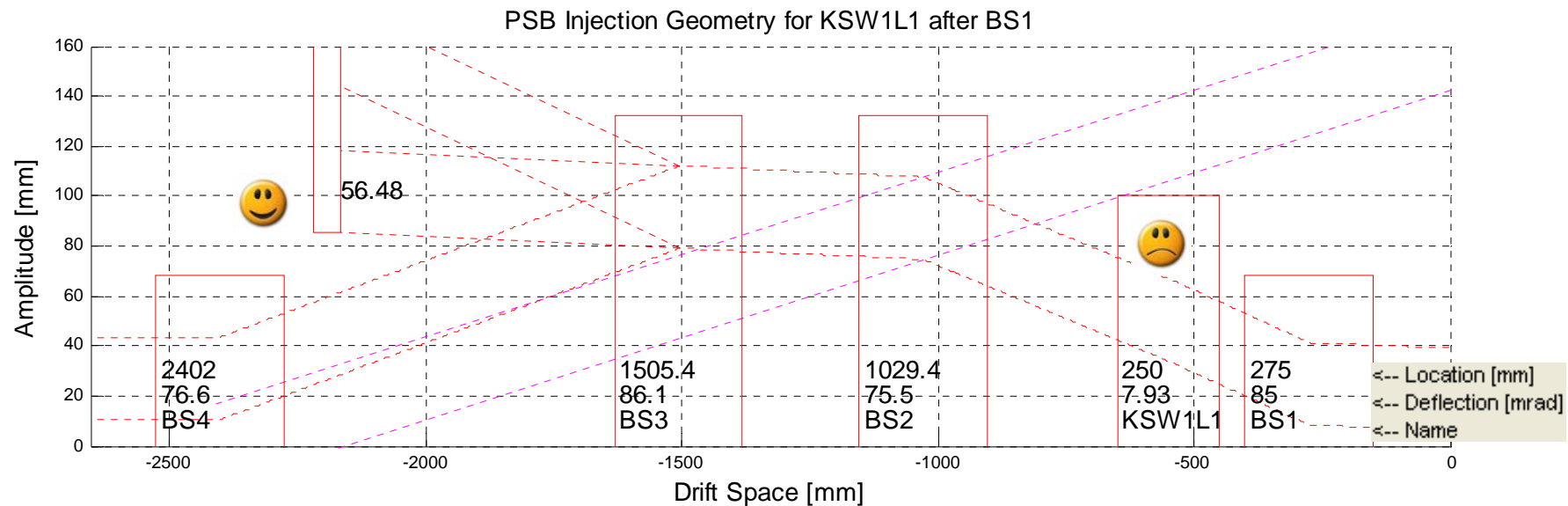
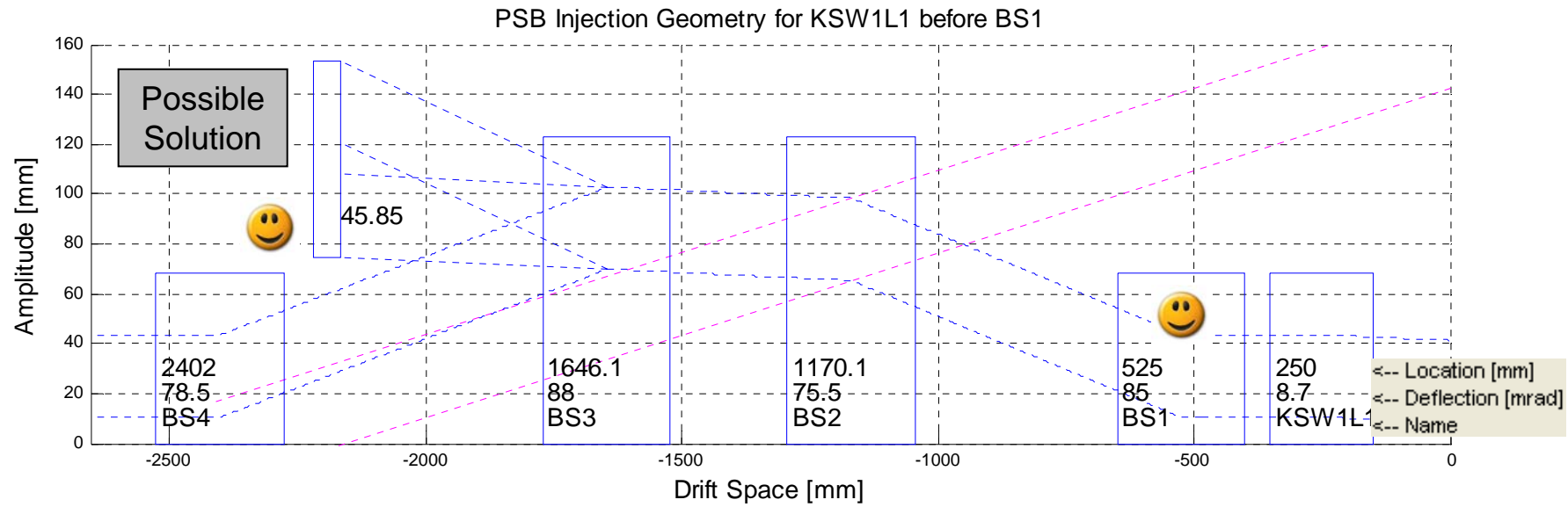
## PSB Injection Geometry for KSW1L1 before BS1



## PSB Injection Geometry for KSW1L1 after BS1

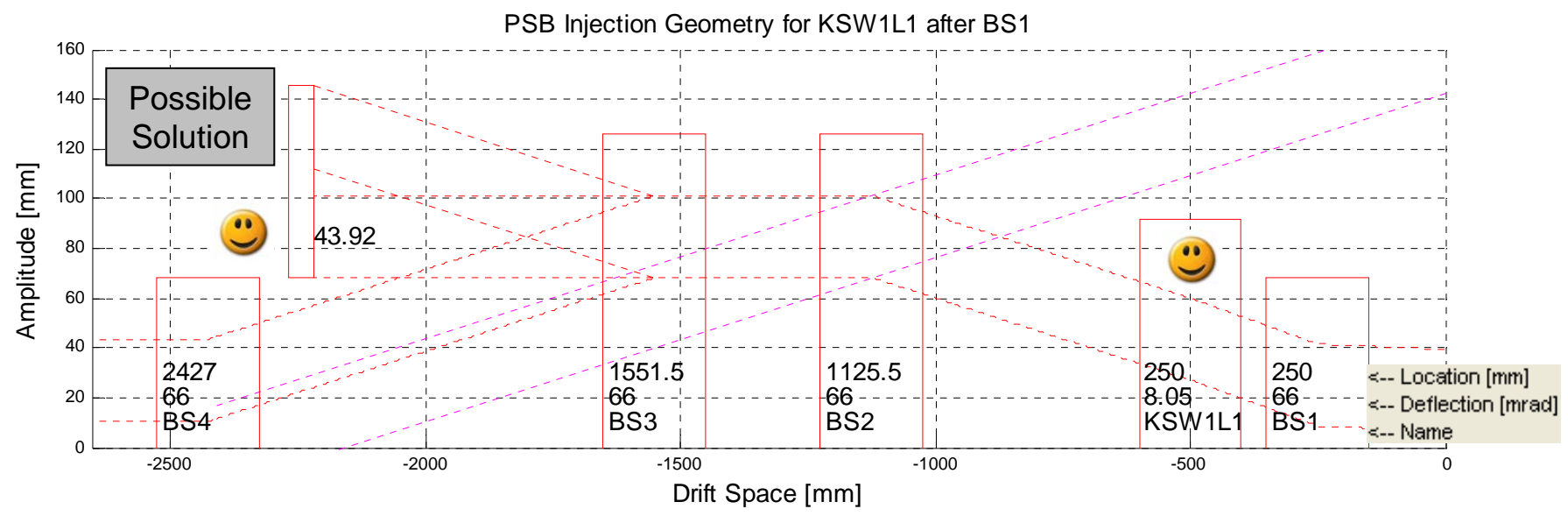
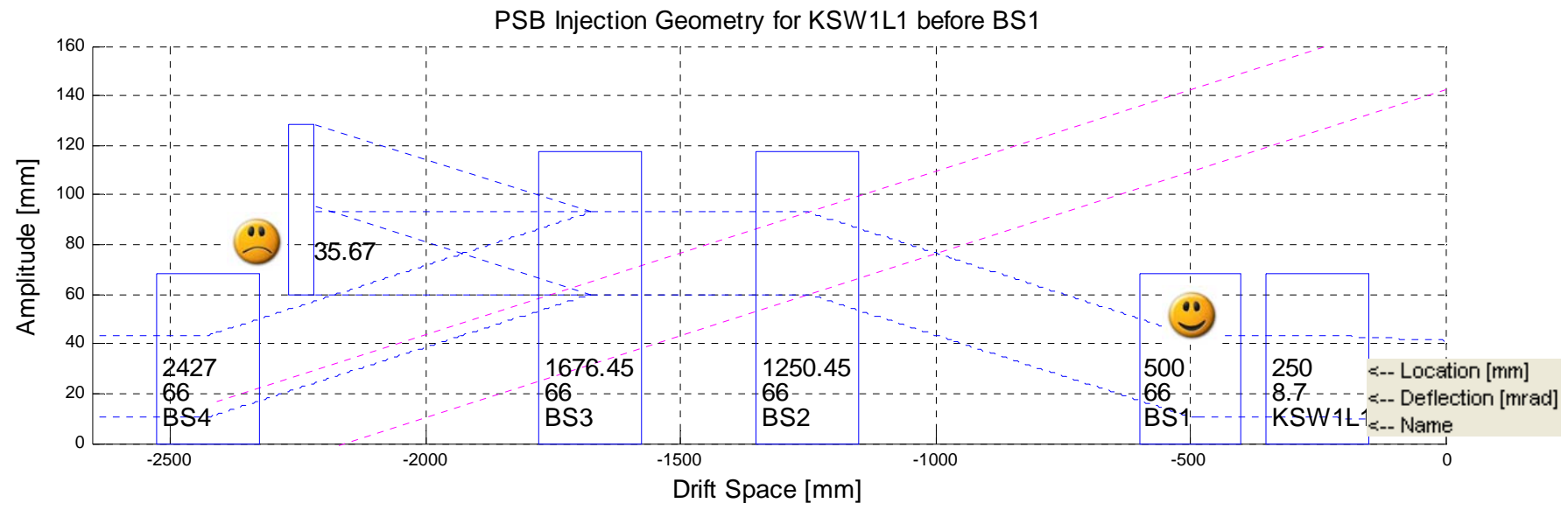


# 85mrad BS1, 250mm BS length, 200mm KSW length, 150mm Drift

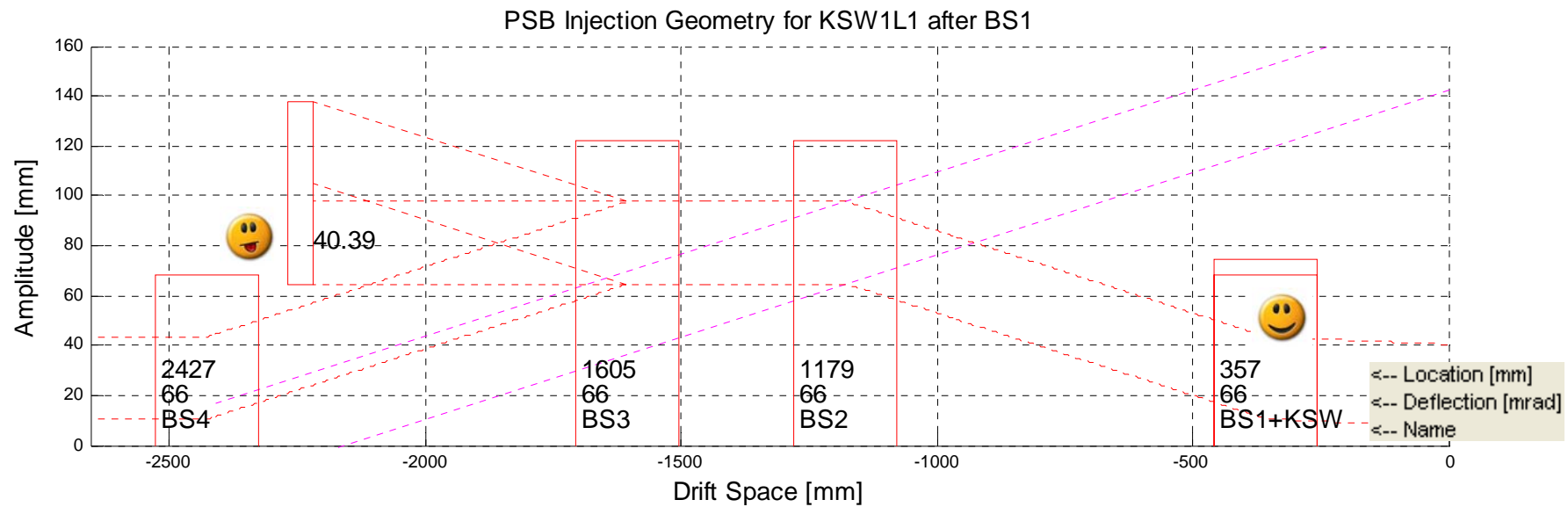
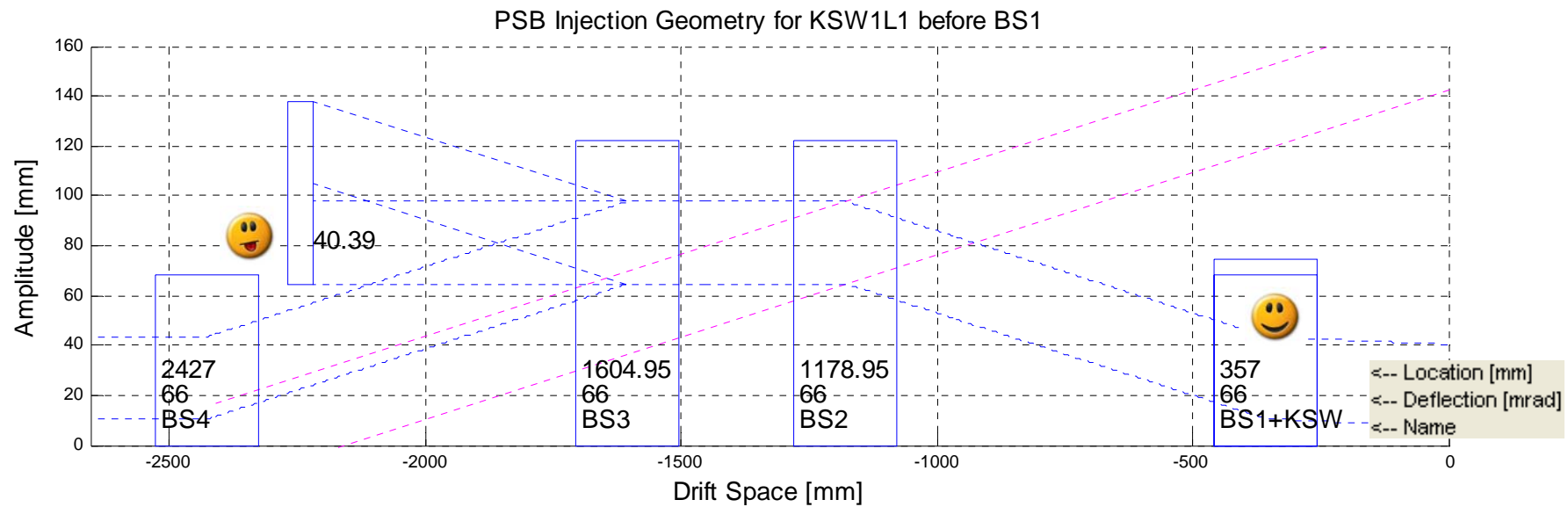




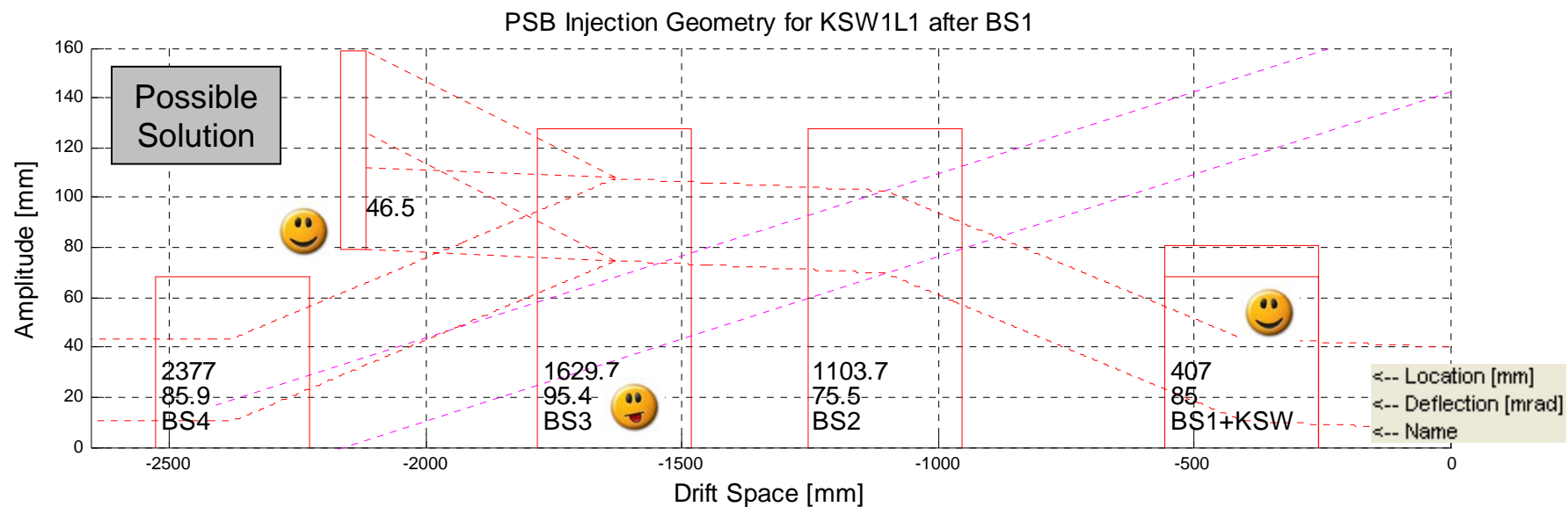
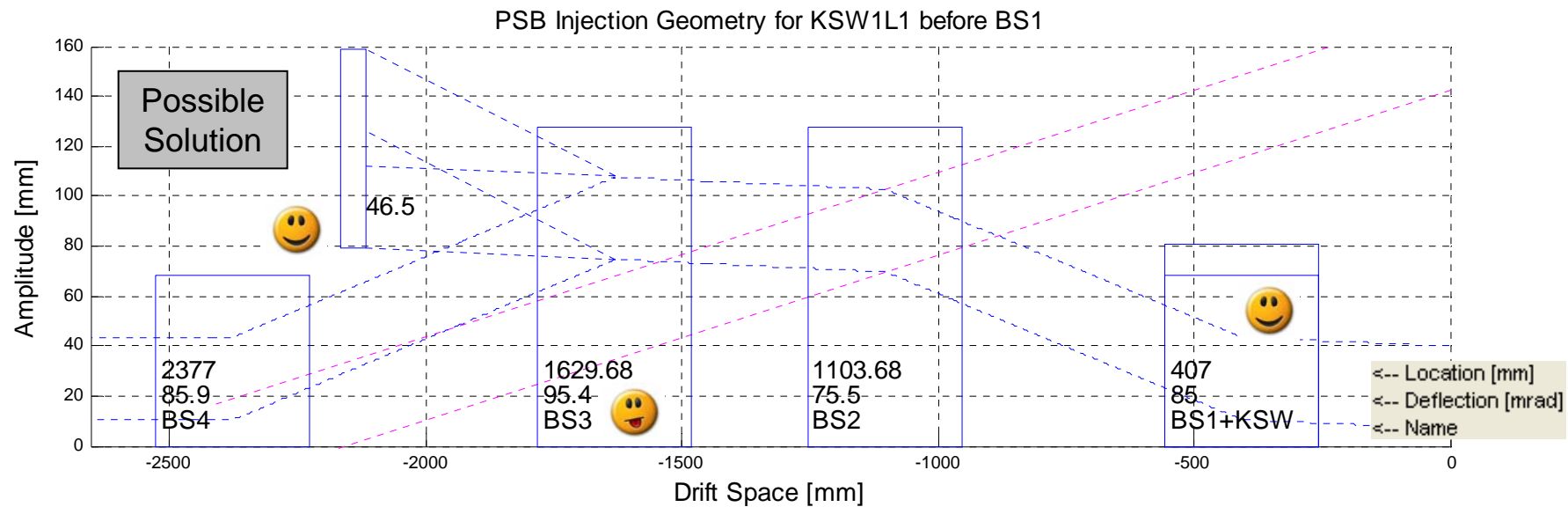
# Nominal, but 200mm KSW length and 150mm Drift



# Nominal, but Combined KSW/BS1

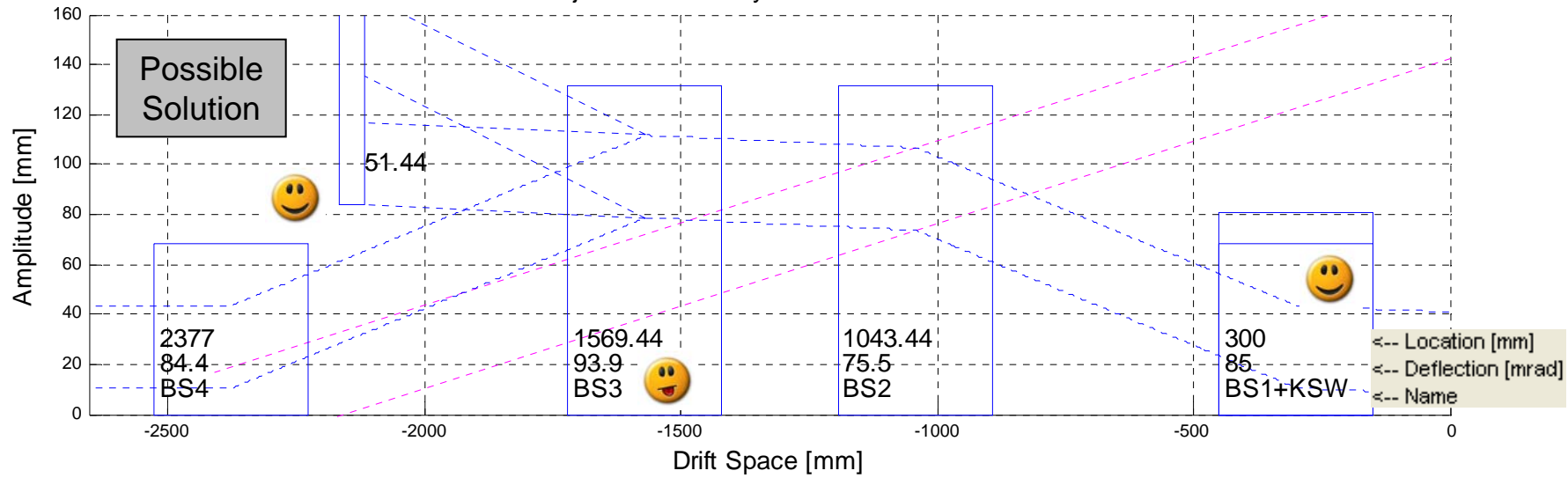


# Combined KSW/BS, 85mrad BS1, 300mm BS length

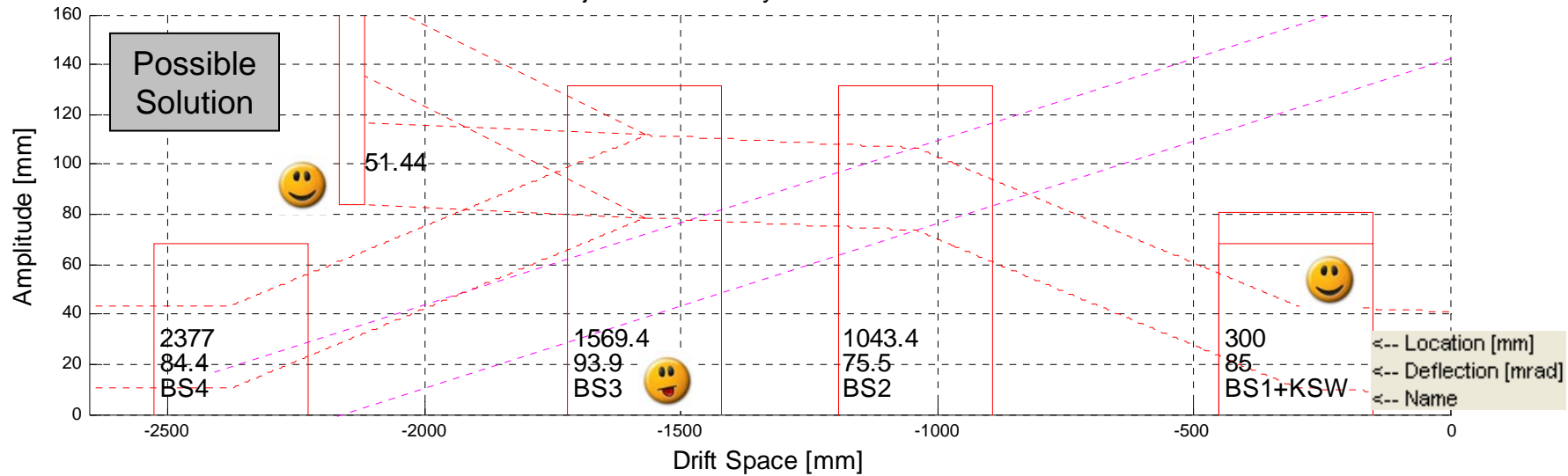


# Combined KSW/BS, 85mrad BS1, 300mm BS Length, Drift1 150mm

## PSB Injection Geometry for KSW1L1 before BS1

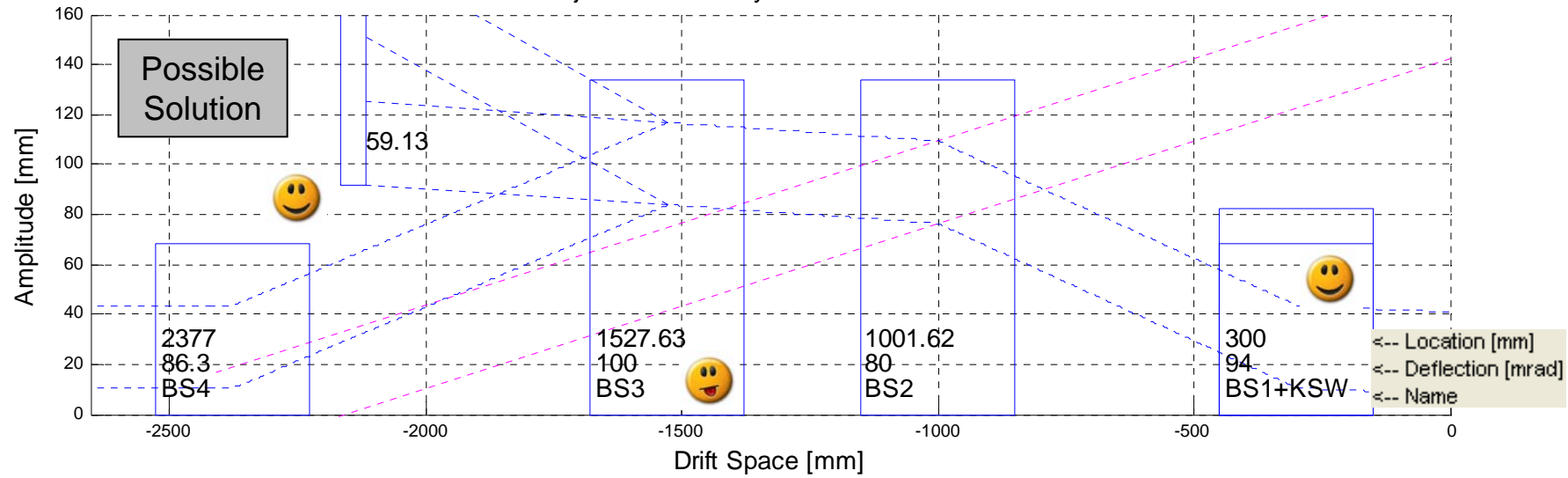


## PSB Injection Geometry for KSW1L1 after BS1

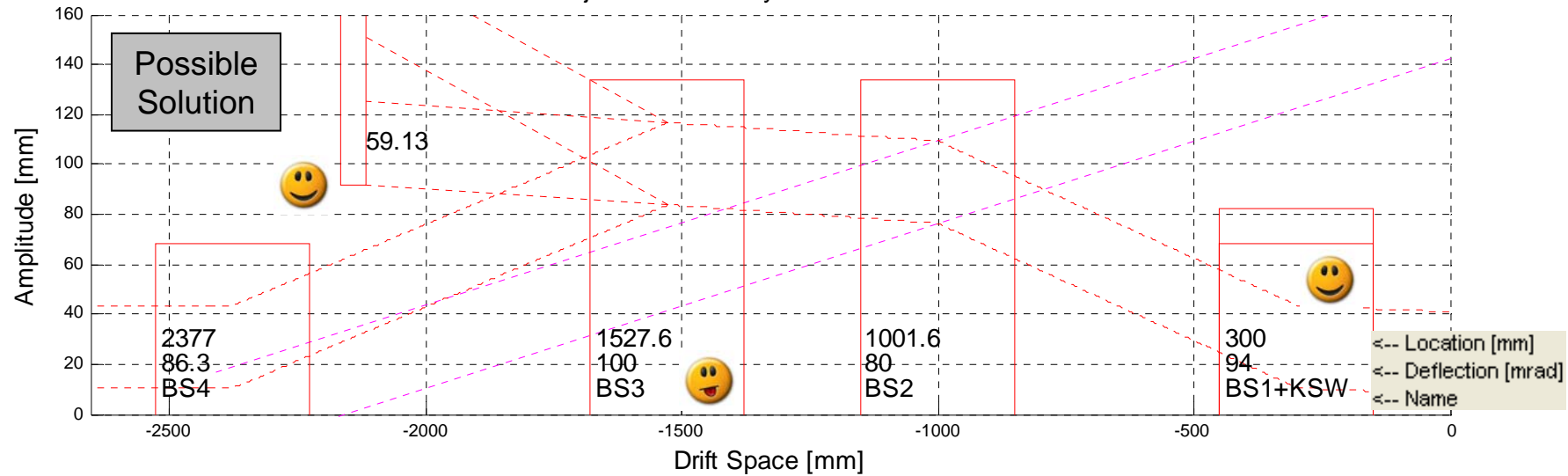


# Combined KSW/BS, 100mrad max BS, 300mm BS Length, Drift1 150mm

## PSB Injection Geometry for KSW1L1 before BS1



## PSB Injection Geometry for KSW1L1 after BS1



Dump clearance [mm]	BS1 angle [mrad]	BS length [mm]	KSW length [mm]	BS max [mrad]	Entrance Drift [mm]	
39.8	85	300	200	98	150	
40.4	66	200	200	66	257	
43.9	66	200	200	66	150	
45.9	85	250	200	88	150	
46.5	85	300	combined	95	257	
51.4	85	300	combined	94	150	
59.1	94	300	combined	100	150	