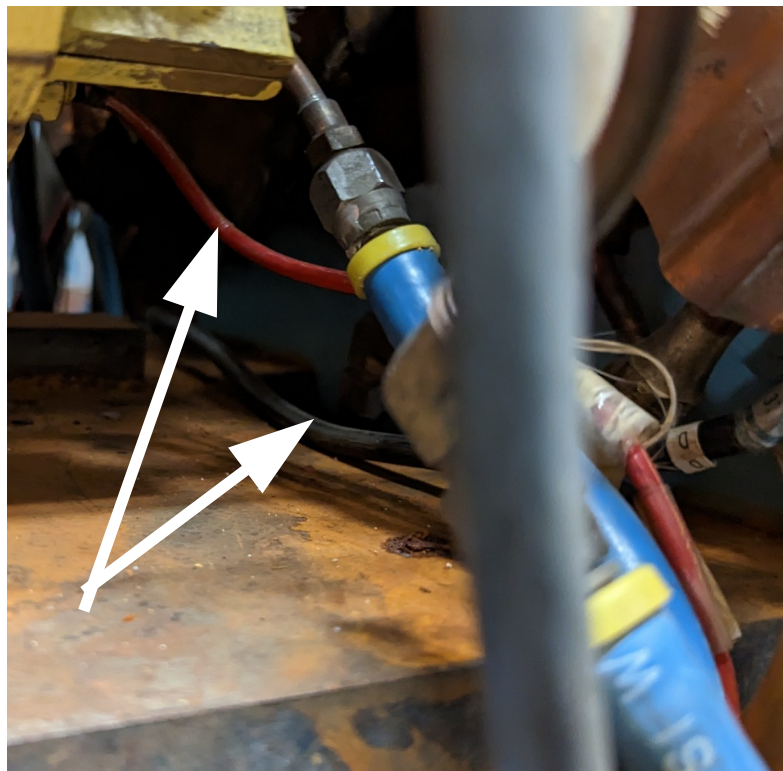




# CESR Sextupoles: Results of the Stray Field Tests

– Followup to talk on 29 March 2023 –



Experiment at S34E

← Before

After →



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21 April 2023



## Before/after values for

$\Delta p_x / \Delta k_2 l$  ( $\mu\text{rad}/\text{m}^{-2}$ ) and  $\sigma_x$  (mm), where

$$\sigma_x^2 = -2 \Delta p_x / \Delta k_2 l - X_0^2 + Y_0^2$$

	5/30/2021		2/28/2023 Braided		3/7/2023	
34E	-8.59±0.20	3.718±0.056			-6.161±0.093	3.637±0.026
35W	4/13/2023		4/14/2023 Braided		4/14/2023	
	-5.389±0.054	1.400±0.090			-3.05±0.22	1.90±0.12
36W	4/13/2023		4/14/2023 Braided		4/14/2023	
	-16.582±0.015	3.446±0.066			-3.05±0.22	3.336±0.045
40W	4/13/2023		4/14/2023 Braided		4/14/2023	
	-5.603±0.012	3.1030±0.0041			-5.18±0.63	2.37±0.27
42W	4/13/2023		4/14/2023 Braided		4/14/2023	
	-2.685±0.075	1.881±0.041			-1.92±0.11	1.953±0.054