



Deviation of field strength along a 1 cm diameter/2.5 mm pitch helical trajectory at 35.2 T, 28.2 T, and 23.5 T (top to bottom): base trajectory (grey) and corrected with combination of passive and active shims (black). Field homogeneity is optimized over the middle +/- 0.5 cm portion and is better than 1.0 ppm over a 1 cm cylinder volume at all three fields.