



Jefferson Lab Alignment Group

Data Transmittal

TO: J. Butler, B. Wojtsekhowski

DATE: 10/18/2022

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Checked: cg

: A2055

DETAILS:

M:\align\DATA\Step2B\HALLA\GEn_22\221013A

Below are the survey results of the Big Bite magnet positioned at 29.5 degrees surveyed on 13th October, 2022. In a beam following coordinate system a + X is to the beam left, a + Y is above and a + Z is downstream of the ideal position.

	Beam Following (mm)			Rotations from Ideal (Degrees)		
	dx[mm]	dy [mm]	dz[mm]	RX(pitch)	RY(yaw)	RZ(roll)
Big Bite @29.5 deg.						
MBBGEN2	-1.301	-0.825	-3.725	0.01003	0.04589	0.03209
DBBGEN2	14.038	10.215	84.65	0.29084	-0.36333	-0.0974

