Figure (9): 2D intensity profiles of the line 6 in the ROI of the Internal Undercut defect, (a) PMAD model; (b) Shin-Du model; (c) proposed model

Figure (10): 2D intensity profiles of the line 7 in the ROI of the External Undercut defect, (a) PMAD model; (b) Shin-Du model; (c) proposed model

Figure (11): 2D intensity profiles of the line 3 in the ROI of the Lack of Fusion defect, (a) PMAD model; (b) Shin-Du model; (c) proposed model

Figure (12): 2D intensity profiles of the line 9 in the ROI of the Lack of Penetration defect, (a) PMAD model; (b) Shin-Du model; (c) proposed model