



Beam 1 of 10:	incident angle $\theta_1 = 8.0$ ,	out angle $\theta_4 = 42.84516914957982$
Beam 2 of 10:	incident angle $\theta_1 = 13.0$ ,	out angle $\theta_4 = 39.589754998369955$
Beam 3 of 10:	incident angle $\theta_1 = 18.0$ ,	out angle $\theta_4 = 36.36741298202984$
Beam 4 of 10:	incident angle $\theta_1 = 23.0$ ,	out angle $\theta_4 = 33.194554757048095$
Beam 5 of 10:	incident angle $\theta_1 = 28.0$ ,	out angle $\theta_4 = 30.08861490386353$
Beam 6 of 10:	incident angle $\theta_1 = 33.0$ ,	out angle $\theta_4 = 27.068421973244632$
Beam 7 of 10:	incident angle $\theta_1 = 38.0$ ,	out angle $\theta_4 = 24.154549279910817$
Beam 8 of 10:	incident angle $\theta_1 = 43.0$ ,	out angle $\theta_4 = 21.369623976415024$
Beam 9 of 10:	incident angle $\theta_1 = 48.0$ ,	out angle $\theta_4 = 18.738555525596478$
Beam 10 of 10:	incident angle $\theta_1 = 53.0$ ,	out angle $\theta_4 = 16.288622919304277$