



Beam 1 of 10:	incident angle $\theta_1 = 8.00000000$,	out angle $\theta_4 = 42.84516915$
Beam 2 of 10:	incident angle $\theta_1 = 13.00000000$,	out angle $\theta_4 = 39.58975500$
Beam 3 of 10:	incident angle $\theta_1 = 18.00000000$,	out angle $\theta_4 = 36.36741298$
Beam 4 of 10:	incident angle $\theta_1 = 23.00000000$,	out angle $\theta_4 = 33.19455476$
Beam 5 of 10:	incident angle $\theta_1 = 28.00000000$,	out angle $\theta_4 = 30.08861490$
Beam 6 of 10:	incident angle $\theta_1 = 33.00000000$,	out angle $\theta_4 = 27.06842197$
Beam 7 of 10:	incident angle $\theta_1 = 38.00000000$,	out angle $\theta_4 = 24.15454928$
Beam 8 of 10:	incident angle $\theta_1 = 43.00000000$,	out angle $\theta_4 = 21.36962398$
Beam 9 of 10:	incident angle $\theta_1 = 48.00000000$,	out angle $\theta_4 = 18.73855553$
Beam 10 of 10:	incident angle $\theta_1 = 53.00000000$,	out angle $\theta_4 = 16.28862292$