

Target Field(T)	θ ($^{\circ}$)	E (GeV)	Beam incl($^{\circ}$)	Target (mil)	Time(50k) (min.)	Motivation	Total min.
0	5.59	1.159	0	C12(40)	2	δ scan (5 points)	30
				CH ₂	5	pointing θ_{HRS}	5
				CH ₂	5	θ_{tg}, ϕ_{tg}	5
				Al	1	y_{tg} (two end-caps)	2
repeat the above steps for beam position off the center v: ± 2 cm, ± 4 cm; h: ± 2 cm, ± 4 cm							280
2.5	5.69	1.159	5.70	C12(40)	2	δ scan (5 points)	30
				CH ₂	5	θ_{tg}, ϕ_{tg}	5
				Al	1.5	y_{tg} (two end-caps)	3
		1.706	3.90	C12(40)	2	δ scan (5 points)	30
				CH ₂	6	θ_{tg}, ϕ_{tg}	6
				Al	3	y_{tg} (two end-caps)	6
		2.257	0	C12(40)	6	δ scan (5 points)	90
				CH ₂	8	θ_{tg}, ϕ_{tg}	8
				Al	12	y_{tg} (two end-caps)	24
5	5.69	1.159	0	C12(200)	8	δ scan (5 points)	120
				CH ₂	46	θ_{tg}, ϕ_{tg}	46
				Al	96	y_{tg} (two end-caps)	192
5	5.69	2.257	0	C12(200)	12	δ scan (5 points)	180
				CH ₂	70	θ_{tg}, ϕ_{tg}	70
				Al	140	y_{tg} (two end-caps)	280
0	12.5	1.159	0	C12(200)	10	δ scan (5 points)	150
				CH ₂	60	pointing θ_{HRS}	60
				Al	125	y_{tg} (two end-caps)	250
repeat the above steps for beam position off the center v: ± 2 cm, ± 4 cm; h: ± 2 cm, ± 4 cm							...?
2.5	12.5	1.159	0	C12(200)	10	δ scan (5 points)	150
				CH ₂	60	θ_{tg}, ϕ_{tg}	60
				Al	125	y_{tg} (two end-caps)	250