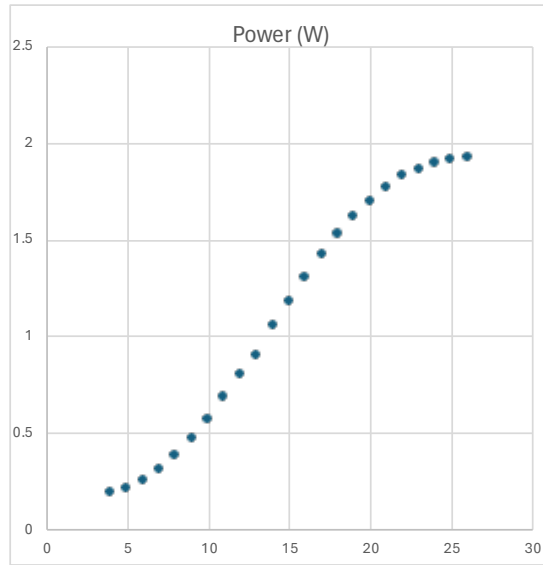


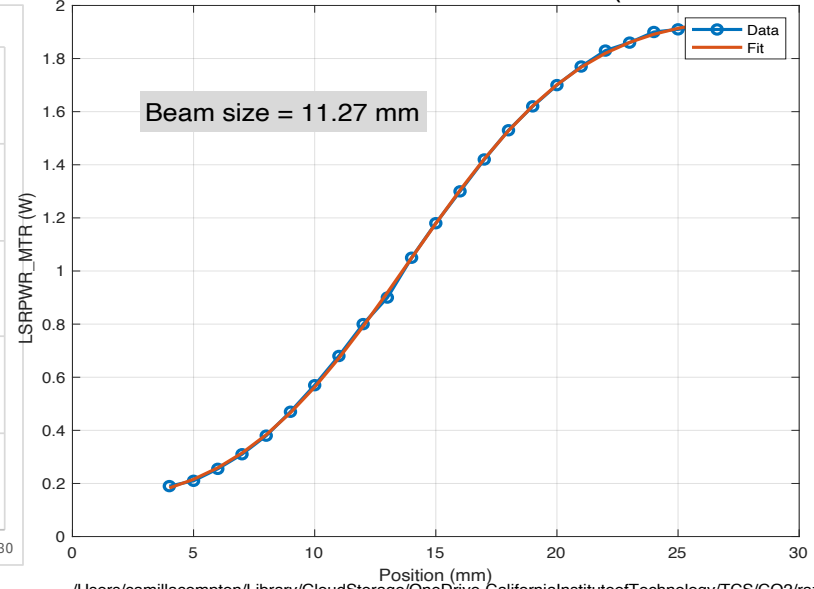
11.27mm

Set A: No mask. Blade at annular mask

Translation stage (mm)	Power (W)	For Matlab
26	1.92	26 1.92;
25	1.91	25 1.91;
24	1.9	24 1.9;
23	1.86	23 1.86;
22	1.83	22 1.83;
21	1.77	21 1.77;
20	1.7	20 1.7;
19	1.62	19 1.62;
18	1.53	18 1.53;
17	1.42	17 1.42;
16	1.3	16 1.3;
15	1.18	15 1.18;
14	1.05	14 1.05;
13	0.9	13 0.9;
12	0.8	12 0.8;
11	0.68	11 0.68;
10	0.57	10 0.57;
9	0.47	9 0.47;
8	0.38	8 0.38;
7	0.31	7 0.31;
6	0.255	6 0.255;
5	0.21	5 0.21;
4	0.19	4 0.19;



H1 CO2Y Set A: No mask. Blade at annular mask (no hole)

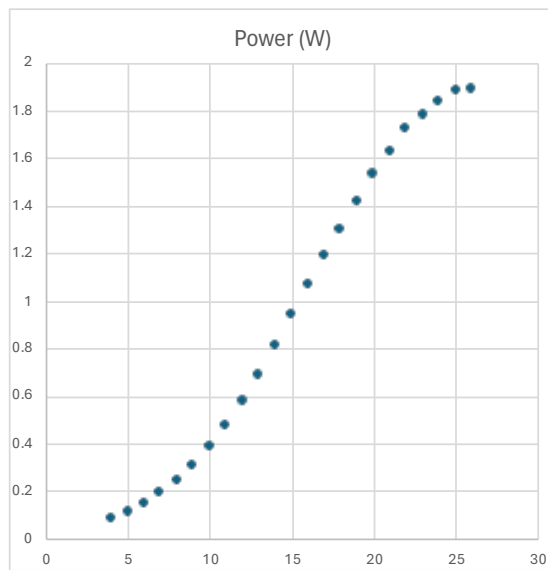


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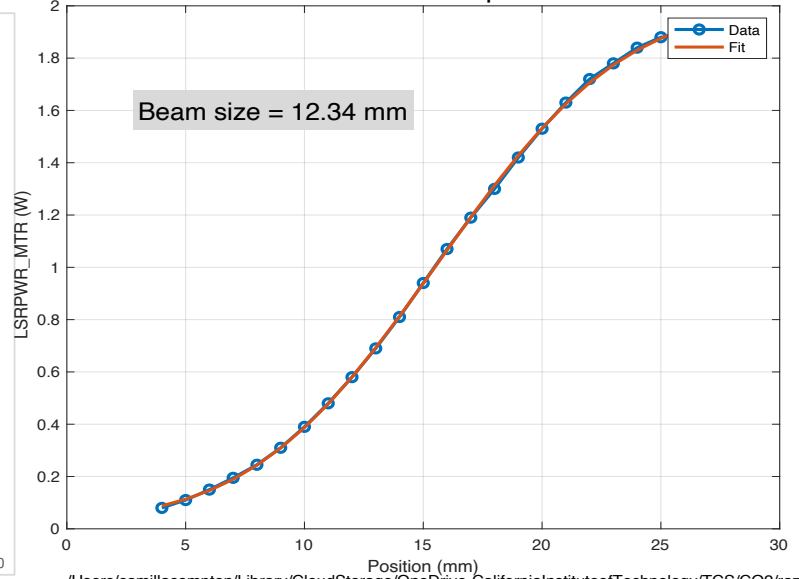
Note hole in razor exporsed

Set B: No mask. Blade 9 3/8" upstream of annular mask

Translation stage (mm)	Power (W)	For Matlab
26	1.89	26 1.89;
25	1.88	25 1.88;
24	1.84	24 1.84;
23	1.78	23 1.78;
22	1.72	22 1.72;
21	1.63	21 1.63;
20	1.53	20 1.53;
19	1.42	19 1.42;
18	1.3	18 1.3;
17	1.19	17 1.19;
16	1.07	16 1.07;
15	0.94	15 0.94;
14	0.81	14 0.81;
13	0.69	13 0.69;
12	0.58	12 0.58;
11	0.48	11 0.48;
10	0.39	10 0.39;
9	0.31	9 0.31;
8	0.245	8 0.245;
7	0.195	7 0.195;
6	0.15	6 0.15;
5	0.11	5 0.11;
4	0.08	4 0.08;



H1 CO2Y Set B: No mask. Blade 9 3/8" upstream of annular mask

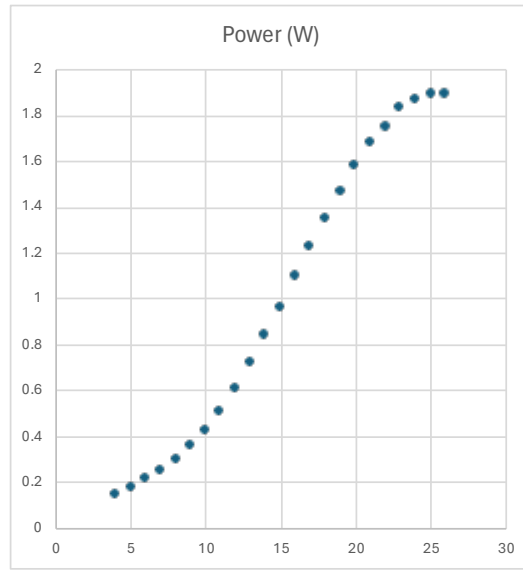


/Users/camillacompton/Library/CloudStorage/OneDrive-CaliforniaInstituteofTechnology/TCS/CO2/razorblade_1

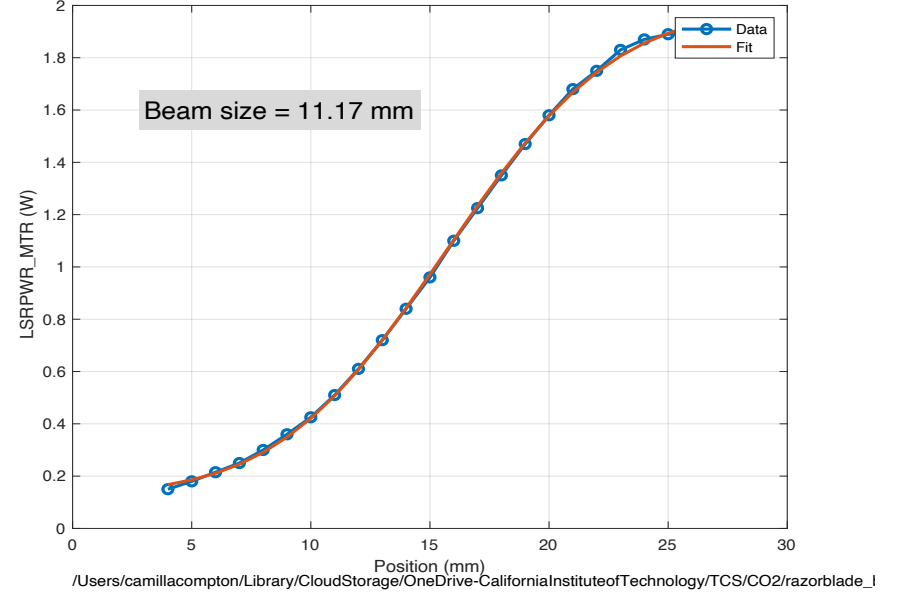
11.17mm

Set C: No mask. Blade 5 5/8" downstream of annular mask

Translation stage (mm)	Power (W)	For Matlab
26	1.89	26 1.89;
25	1.89	25 1.89;
24	1.87	24 1.87;
23	1.83	23 1.83;
22	1.75	22 1.75;
21	1.68	21 1.68;
20	1.58	20 1.58;
19	1.47	19 1.47;
18	1.35	18 1.35;
17	1.225	17 1.225;
16	1.1	16 1.1;
15	0.96	15 0.96;
14	0.84	14 0.84;
13	0.72	13 0.72;
12	0.61	12 0.61;
11	0.51	11 0.51;
10	0.425	10 0.425;
9	0.36	9 0.36;
8	0.3	8 0.3;
7	0.25	7 0.25;
6	0.215	6 0.215;
5	0.18	5 0.18;
4	0.15	4 0.15;



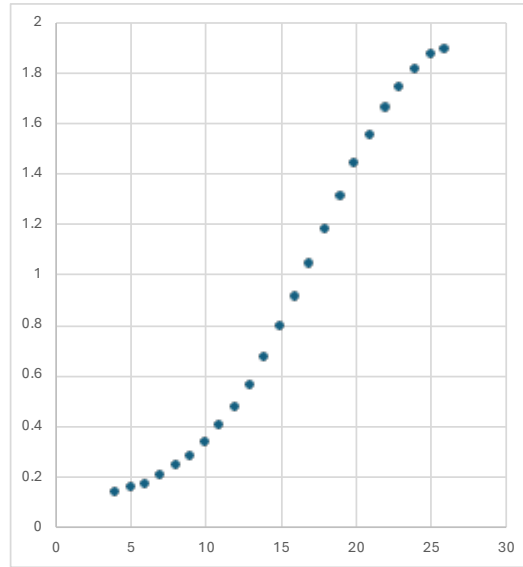
H1 CO2Y Set C: No mask. Blade 5 5/8" downstream of annular mask



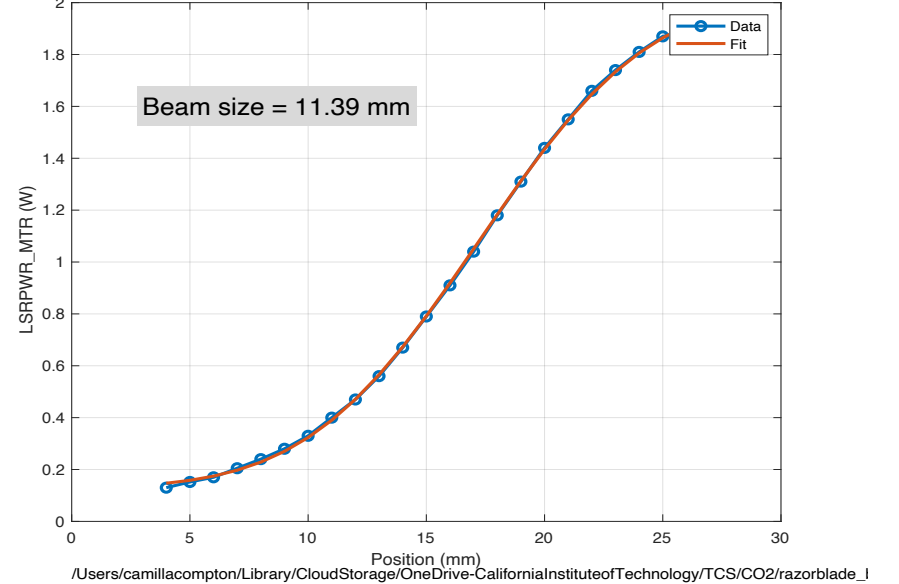
Note: relaize razor blade had hole?
9:55am Beamsize = 11.39mm

Set D: No mask. Blade 7 5/8" downstream of annular mask

Translation stage (mm)	Power (W)	For Matlab
26	1.89	26 1.89;
25	1.87	25 1.87;
24	1.81	24 1.81;
23	1.74	23 1.74;
22	1.66	22 1.66;
21	1.55	21 1.55;
20	1.44	20 1.44;
19	1.31	19 1.31;
18	1.18	18 1.18;
17	1.04	17 1.04;
16	0.91	16 0.91;
15	0.79	15 0.79;
14	0.67	14 0.67;
13	0.56	13 0.56;
12	0.47	12 0.47;
11	0.4	11 0.4;
10	0.33	10 0.33;
9	0.28	9 0.28;
8	0.24	8 0.24;
7	0.205	7 0.205;
6	0.17	6 0.17;
5	0.152	5 0.152;
4	0.13	4 0.13;



H1 CO2Y Set D: No mask. Blade 7 5/8" downstream of annular mask



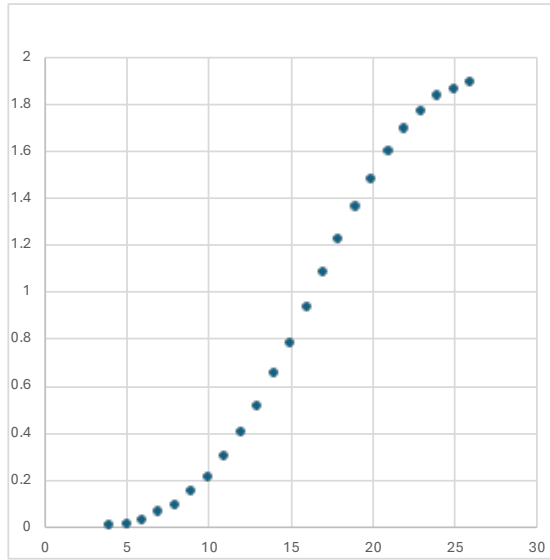
Note: redid with razor blade hole covered

10:10am

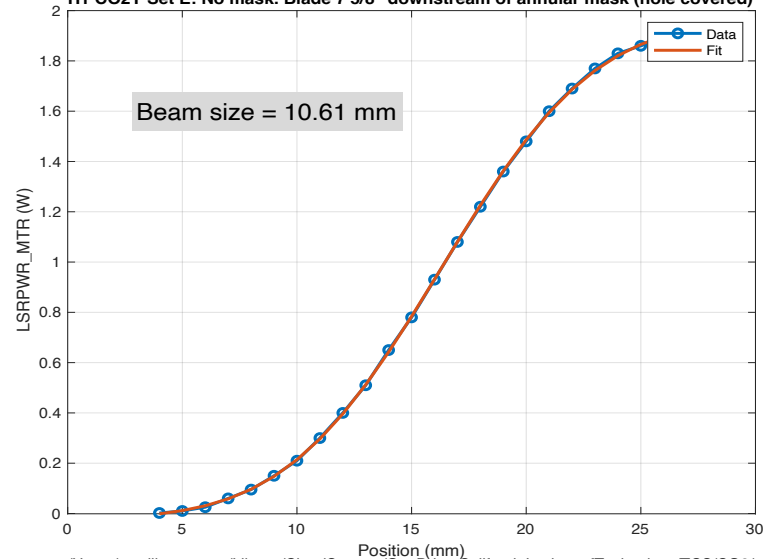
Beamsize = 10.6mm

Set E: No mask. Blade 7 5/8" downstream of annular mask

Translation stage (mm)	Power (W)	For Matlab
26	1.89	26 1.89;
25	1.86	25 1.86;
24	1.83	24 1.83;
23	1.77	23 1.77;
22	1.69	22 1.69;
21	1.6	21 1.6;
20	1.48	20 1.48;
19	1.36	19 1.36;
18	1.22	18 1.22;
17	1.08	17 1.08;
16	0.93	16 0.93;
15	0.78	15 0.78;
14	0.65	14 0.65;
13	0.51	13 0.51;
12	0.4	12 0.4;
11	0.3	11 0.3;
10	0.21	10 0.21;
9	0.15	9 0.15;
8	0.095	8 0.095;
7	0.06	7 0.06;
6	0.025	6 0.025;
5	0.01	5 0.01;
4	0.002	4 0.002;



H1 CO2Y Set E: No mask. Blade 7 5/8" downstream of annular mask (hole covered)



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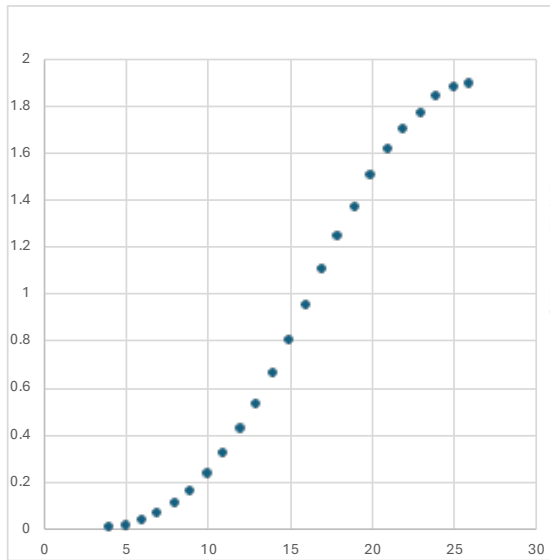
Note: redid with razor blade hole covered

10:21am

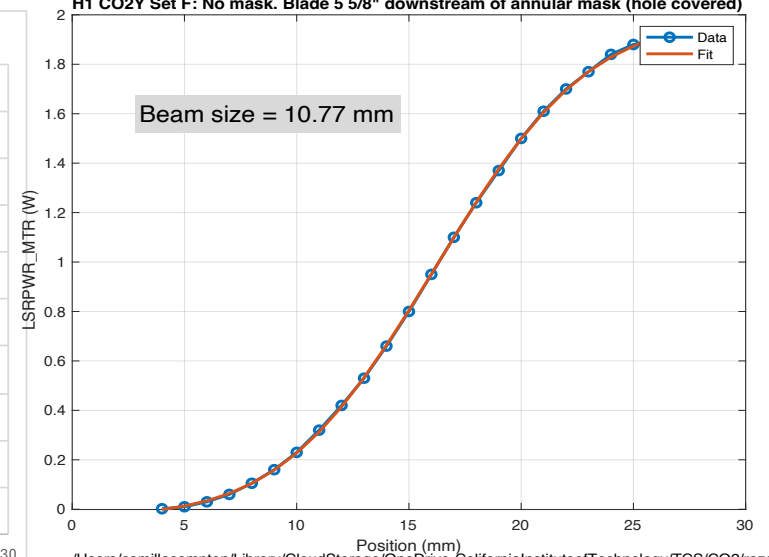
Beamsize = 10.77mm

Set F: No mask. Blade 5 5/8" downstream of annular mask

Translation stage (mm)	Power (W)	For Matlab
26	1.89	26 1.89;
25	1.88	25 1.88;
24	1.84	24 1.84;
23	1.77	23 1.77;
22	1.7	22 1.7;
21	1.61	21 1.61;
20	1.5	20 1.5;
19	1.37	19 1.37;
18	1.24	18 1.24;
17	1.1	17 1.1;
16	0.95	16 0.95;
15	0.8	15 0.8;
14	0.66	14 0.66;
13	0.53	13 0.53;
12	0.42	12 0.42;
11	0.32	11 0.32;
10	0.23	10 0.23;
9	0.16	9 0.16;
8	0.105	8 0.105;
7	0.06	7 0.06;
6	0.03	6 0.03;
5	0.01	5 0.01;
4	0.002	4 0.002;



H1 CO2Y Set F: No mask. Blade 5 5/8" downstream of annular mask (hole covered)



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Note: redid with razor blade hole covered
 Set G No mask. Blade 9 3/8" upstream of annular mask (hole covered)

Translation stage (mm)	Power (W)	For Matlab
26	1.9	26 1.9;
25	1.9	25 1.9;
24	1.89	24 1.89;
23	1.85	23 1.85;
22	1.8	22 1.8;
21	1.74	21 1.74;
20	1.66	20 1.66;
19	1.56	19 1.56;
18	1.46	18 1.46;
17	1.34	17 1.34;
16	1.22	16 1.22;
15	1.08	15 1.08;
14	0.94	14 0.94;
13	0.8	13 0.8;
12	0.68	12 0.68;
11	0.55	11 0.55;
10	0.44	10 0.44;
9	0.34	9 0.34;
8	0.26	8 0.26;
7	0.18	7 0.18;
6	0.125	6 0.125;
5	0.08	5 0.08;
4	0.045	4 0.045;

