

This file contains two sets of experimental data:

I. SNG2 hydrate growth data, and

II. SNG2 gas dissolution data

I. Experimental Hydrate Growth Data

(From the point of hydrate onset to the end of growth stage)

Data follows from next page.

Key information: Stirring was started at **170.37** min after the system was cooled and stabilized at experimental P/T. Hydrate onset occurred at **365.57** min, giving an induction time of **195.2** min; Hydrate growth lasted for nearly **48** min before the system was heated up again.

Compressibility factor, z , was calculated using MATLAB based on DAK-Equation of State.

SNG2 gas composition (mol%)		Critical pressure, P_c (Mpa)	Critical temperature, T_c (K)
C1 (methane)	92.50%	4.604	190.55
C3 (propane)	7.50%	4.249	369.82
SNG2 gas specific gravity	0.6264		

Time	Pressure, bar	Pressure, Mpa	Temp gas, °C	Temp gas, K	Stirring rate, rpm	Comp. factor, z	Free gas, mol	Formed Hydrate, mol	Growth rate, mol/min
365.57	61.17	6.117	15.09	288.24	739.78	0.8726	0.26707	0.00000	0.00034
365.62	61.16	6.116	15.08	288.23	739.78	0.8726	0.26704	0.00003	0.00087
365.67	61.15	6.115	15.09	288.24	739.78	0.8726	0.26699	0.00009	0.00134
365.72	61.14	6.114	15.09	288.24	739.78	0.8726	0.26694	0.00013	0.00201
365.77	61.12	6.112	15.11	288.26	739.78	0.8727	0.26681	0.00027	0.00232
365.82	61.11	6.111	15.18	288.33	739.78	0.8729	0.26664	0.00044	0.00249
365.87	61.09	6.109	15.21	288.36	739.78	0.8729	0.26652	0.00055	0.00218
365.92	61.07	6.107	15.20	288.35	739.78	0.8729	0.26644	0.00063	0.00165
365.97	61.06	6.106	15.20	288.35	739.78	0.8730	0.26637	0.00070	0.00151
366.02	61.05	6.105	15.22	288.37	739.78	0.8730	0.26631	0.00077	0.00155
366.07	61.03	6.103	15.22	288.37	739.78	0.8730	0.26622	0.00085	0.00147
366.12	61.01	6.101	15.22	288.37	739.78	0.8730	0.26613	0.00094	0.00198
366.17	61.01	6.101	15.25	288.40	739.78	0.8731	0.26607	0.00100	0.00213
366.22	60.99	6.099	15.30	288.45	739.78	0.8732	0.26591	0.00116	0.00192
366.27	60.97	6.097	15.30	288.45	739.78	0.8733	0.26579	0.00128	0.00206
366.32	60.96	6.096	15.30	288.45	739.78	0.8733	0.26575	0.00132	0.00146
366.37	60.94	6.094	15.30	288.45	739.78	0.8733	0.26566	0.00141	0.00131
366.42	60.93	6.093	15.30	288.45	739.78	0.8733	0.26562	0.00145	0.00153
366.47	60.91	6.091	15.30	288.45	739.78	0.8733	0.26553	0.00154	0.00160
366.52	60.89	6.089	15.30	288.45	739.78	0.8733	0.26544	0.00163	0.00211
366.57	60.88	6.088	15.33	288.48	739.85	0.8734	0.26534	0.00173	0.00189
366.62	60.86	6.086	15.36	288.51	739.85	0.8735	0.26520	0.00188	0.00189
366.67	60.85	6.085	15.36	288.51	739.85	0.8735	0.26515	0.00192	0.00155
366.72	60.83	6.083	15.36	288.51	739.85	0.8735	0.26507	0.00201	0.00100
366.77	60.82	6.082	15.35	288.50	739.85	0.8735	0.26503	0.00204	0.00122
366.82	60.81	6.081	15.34	288.49	739.85	0.8735	0.26500	0.00208	0.00100
366.87	60.79	6.079	15.34	288.49	739.85	0.8735	0.26491	0.00216	0.00150
366.92	60.78	6.078	15.34	288.49	739.85	0.8735	0.26487	0.00221	0.00206
366.97	60.76	6.076	15.36	288.51	739.85	0.8736	0.26473	0.00234	0.00184
367.02	60.74	6.074	15.39	288.54	739.85	0.8737	0.26459	0.00249	0.00201
367.07	60.73	6.073	15.39	288.54	739.85	0.8737	0.26454	0.00253	0.00135
367.12	60.71	6.071	15.38	288.53	741.88	0.8737	0.26446	0.00261	0.00102
367.17	60.70	6.070	15.37	288.52	741.88	0.8736	0.26446	0.00261	0.00102
367.22	60.68	6.068	15.36	288.51	741.88	0.8736	0.26438	0.00269	0.00104
367.27	60.67	6.067	15.36	288.51	741.88	0.8736	0.26434	0.00273	0.00133
367.32	60.66	6.066	15.37	288.52	741.88	0.8737	0.26426	0.00282	0.00157
367.37	60.65	6.065	15.39	288.54	741.88	0.8737	0.26419	0.00288	0.00162
367.42	60.63	6.063	15.40	288.55	741.88	0.8738	0.26407	0.00301	0.00160
367.47	60.62	6.062	15.41	288.56	741.88	0.8738	0.26401	0.00306	0.00141
367.52	60.60	6.060	15.40	288.55	741.88	0.8738	0.26394	0.00314	0.00117
367.57	60.59	6.059	15.38	288.53	741.88	0.8738	0.26391	0.00316	0.00112
367.62	60.57	6.057	15.37	288.52	739.90	0.8738	0.26383	0.00324	0.00122
367.67	60.56	6.056	15.37	288.52	739.90	0.8738	0.26379	0.00328	0.00155
367.72	60.54	6.054	15.38	288.53	739.90	0.8738	0.26369	0.00338	0.00151
367.77	60.53	6.053	15.40	288.55	739.90	0.8739	0.26360	0.00347	0.00173
367.82	60.52	6.052	15.43	288.58	739.90	0.8739	0.26353	0.00354	0.00164
367.87	60.50	6.050	15.43	288.58	739.90	0.8739	0.26344	0.00363	0.00104
367.92	60.48	6.048	15.42	288.57	739.90	0.8739	0.26337	0.00371	0.00103
367.97	60.48	6.048	15.39	288.54	739.90	0.8739	0.26339	0.00368	0.00081
368.02	60.46	6.046	15.37	288.52	739.90	0.8739	0.26332	0.00375	0.00086
368.07	60.45	6.045	15.37	288.52	739.90	0.8739	0.26328	0.00379	0.00131
368.12	60.43	6.043	15.37	288.52	739.98	0.8739	0.26319	0.00388	0.00147
368.17	60.42	6.042	15.39	288.54	739.98	0.8739	0.26313	0.00394	0.00173
368.22	60.41	6.041	15.42	288.57	739.98	0.8740	0.26303	0.00404	0.00188
368.27	60.39	6.039	15.43	288.58	739.98	0.8740	0.26293	0.00414	0.00159
368.32	60.37	6.037	15.43	288.58	739.98	0.8741	0.26282	0.00426	0.00117
368.37	60.36	6.036	15.42	288.57	739.98	0.8740	0.26281	0.00426	0.00108
368.42	60.35	6.035	15.39	288.54	739.98	0.8740	0.26280	0.00428	0.00071
368.47	60.33	6.033	15.38	288.53	739.98	0.8740	0.26272	0.00435	0.00112
368.52	60.32	6.032	15.38	288.53	739.98	0.8740	0.26268	0.00440	0.00150
368.57	60.30	6.030	15.38	288.53	739.98	0.8740	0.26259	0.00448	0.00166
368.62	60.29	6.029	15.40	288.55	741.23	0.8741	0.26250	0.00458	0.00166
368.67	60.28	6.028	15.44	288.59	741.23	0.8742	0.26239	0.00469	0.00140
368.72	60.27	6.027	15.44	288.59	741.23	0.8742	0.26234	0.00473	0.00113
368.77	60.26	6.026	15.43	288.58	741.23	0.8742	0.26231	0.00476	0.00062
368.82	60.24	6.024	15.41	288.56	741.23	0.8741	0.26227	0.00480	0.00084
368.87	60.23	6.023	15.37	288.52	741.23	0.8741	0.26226	0.00481	0.00088
368.92	60.21	6.021	15.37	288.52	741.23	0.8741	0.26218	0.00490	0.00095
368.97	60.20	6.020	15.37	288.52	741.23	0.8741	0.26213	0.00494	0.00168
369.02	60.19	6.019	15.38	288.53	741.23	0.8741	0.26208	0.00499	0.00151
369.07	60.17	6.017	15.42	288.57	741.23	0.8742	0.26193	0.00515	0.00166
369.12	60.16	6.016	15.43	288.58	741.23	0.8742	0.26187	0.00520	0.00142
369.17	60.15	6.015	15.43	288.58	739.95	0.8743	0.26180	0.00527	0.00073
369.22	60.14	6.014	15.42	288.57	739.95	0.8742	0.26180	0.00528	0.00064
369.27	60.13	6.013	15.39	288.54	739.95	0.8742	0.26178	0.00529	0.00071
369.32	60.12	6.012	15.38	288.53	739.95	0.8742	0.26174	0.00533	0.00091
369.37	60.10	6.010	15.38	288.53	739.95	0.8742	0.26166	0.00542	0.00133
369.42	60.09	6.009	15.38	288.53	739.95	0.8742	0.26161	0.00546	0.00146
369.47	60.08	6.008	15.41	288.56	739.95	0.8743	0.26151	0.00556	0.00146
369.52	60.07	6.007	15.43	288.58	739.95	0.8743	0.26145	0.00562	0.00146
369.57	60.05	6.005	15.43	288.58	739.95	0.8743	0.26136	0.00571	0.00131
369.62	60.04	6.004	15.43	288.58	739.95	0.8743	0.26132	0.00575	0.00086
369.67	60.02	6.002	15.41	288.56	739.90	0.8743	0.26125	0.00582	0.00086
369.72	60.02	6.002	15.38	288.53	739.90	0.8743	0.26128	0.00579	0.00086

369.77	60.00	6.000	15.38	288.53	739.90	0.8743	0.26119	0.00588	0.00061
369.82	59.99	5.999	15.38	288.53	739.90	0.8743	0.26115	0.00592	0.00146
369.87	59.99	5.999	15.40	288.55	739.90	0.8743	0.26113	0.00594	0.00125
369.92	59.97	5.997	15.43	288.58	739.90	0.8744	0.26099	0.00609	0.00125
369.97	59.96	5.996	15.43	288.58	739.90	0.8744	0.26094	0.00613	0.00155
370.02	59.95	5.995	15.43	288.58	739.90	0.8744	0.26090	0.00617	0.00091
370.07	59.93	5.993	15.42	288.57	739.90	0.8744	0.26082	0.00625	0.00062
370.12	59.92	5.992	15.39	288.54	739.90	0.8744	0.26081	0.00627	0.00062
370.17	59.91	5.991	15.36	288.51	741.95	0.8743	0.26082	0.00625	0.00050
370.22	59.90	5.990	15.36	288.51	741.95	0.8743	0.26078	0.00630	0.00087
370.27	59.89	5.989	15.37	288.52	741.95	0.8743	0.26072	0.00635	0.00161
370.32	59.88	5.988	15.39	288.54	741.95	0.8744	0.26063	0.00644	0.00161
370.37	59.86	5.986	15.41	288.56	741.95	0.8745	0.26050	0.00658	0.00157
370.42	59.85	5.985	15.41	288.56	741.95	0.8745	0.26045	0.00662	0.00128
370.47	59.84	5.984	15.41	288.56	741.95	0.8745	0.26041	0.00666	0.00054
370.52	59.83	5.983	15.40	288.55	741.95	0.8745	0.26037	0.00670	0.00050
370.57	59.82	5.982	15.37	288.52	741.95	0.8744	0.26039	0.00668	0.00050
370.62	59.81	5.981	15.36	288.51	741.95	0.8744	0.26035	0.00672	0.00078
370.67	59.80	5.980	15.36	288.51	741.95	0.8744	0.26031	0.00676	0.00115
370.72	59.79	5.979	15.38	288.53	741.95	0.8745	0.26022	0.00685	0.00120
370.77	59.78	5.978	15.40	288.55	741.95	0.8745	0.26016	0.00692	0.00124
370.82	59.77	5.977	15.40	288.55	741.95	0.8745	0.26011	0.00696	0.00096
370.87	59.76	5.976	15.41	288.56	741.95	0.8745	0.26006	0.00701	0.00095
370.92	59.75	5.975	15.40	288.55	741.95	0.8745	0.26003	0.00705	0.00091
370.97	59.73	5.973	15.37	288.52	741.95	0.8745	0.25997	0.00711	0.00086
371.02	59.72	5.972	15.36	288.51	741.95	0.8745	0.25993	0.00714	0.00095
371.07	59.71	5.971	15.36	288.51	741.95	0.8745	0.25989	0.00718	0.00111
371.12	59.70	5.970	15.37	288.52	741.95	0.8745	0.25984	0.00724	0.00120
371.17	59.69	5.969	15.39	288.54	741.95	0.8746	0.25974	0.00733	0.00142
371.22	59.68	5.968	15.40	288.55	739.26	0.8746	0.25969	0.00738	0.00133
371.27	59.66	5.966	15.40	288.55	739.26	0.8746	0.25961	0.00747	0.00078
371.32	59.65	5.965	15.39	288.54	739.26	0.8746	0.25957	0.00750	0.00076
371.37	59.65	5.965	15.37	288.52	739.26	0.8746	0.25959	0.00748	0.00032
371.42	59.63	5.963	15.36	288.51	739.26	0.8745	0.25954	0.00753	0.00052
371.47	59.63	5.963	15.36	288.51	739.26	0.8745	0.25954	0.00753	0.00092
371.52	59.62	5.962	15.36	288.51	739.26	0.8746	0.25947	0.00761	0.00089
371.57	59.61	5.961	15.38	288.53	739.26	0.8746	0.25941	0.00767	0.00111
371.62	59.60	5.960	15.38	288.53	739.26	0.8746	0.25936	0.00771	0.00096
371.67	59.59	5.959	15.38	288.53	739.26	0.8746	0.25932	0.00775	0.00095
371.72	59.58	5.958	15.38	288.53	741.83	0.8746	0.25928	0.00780	0.00091
371.77	59.56	5.956	15.35	288.50	741.83	0.8746	0.25922	0.00786	0.00095
371.82	59.55	5.955	15.34	288.49	741.83	0.8746	0.25918	0.00789	0.00095
371.87	59.54	5.954	15.35	288.50	741.83	0.8746	0.25913	0.00794	0.00115
371.92	59.53	5.953	15.35	288.50	741.83	0.8746	0.25908	0.00799	0.00120
371.97	59.52	5.952	15.38	288.53	741.83	0.8747	0.25898	0.00809	0.00115
372.02	59.51	5.951	15.38	288.53	741.83	0.8747	0.25894	0.00813	0.00111
372.07	59.50	5.950	15.38	288.53	741.83	0.8747	0.25890	0.00818	0.00078
372.12	59.49	5.949	15.37	288.52	741.83	0.8747	0.25886	0.00821	0.00052
372.17	59.48	5.948	15.36	288.51	741.83	0.8747	0.25883	0.00824	0.00074
372.22	59.48	5.948	15.35	288.50	739.88	0.8747	0.25884	0.00824	0.00061
372.27	59.46	5.946	15.35	288.50	739.88	0.8747	0.25875	0.00832	0.00070
372.32	59.46	5.946	15.36	288.51	739.88	0.8747	0.25874	0.00833	0.00096
372.37	59.45	5.945	15.37	288.52	739.88	0.8747	0.25869	0.00838	0.00074
372.42	59.44	5.944	15.37	288.52	739.88	0.8747	0.25865	0.00843	0.00109
372.47	59.43	5.943	15.37	288.52	739.88	0.8747	0.25860	0.00847	0.00095
372.52	59.41	5.941	15.36	288.51	739.88	0.8747	0.25852	0.00855	0.00095
372.57	59.40	5.940	15.34	288.49	739.88	0.8747	0.25850	0.00857	0.00095
372.62	59.39	5.939	15.34	288.49	739.88	0.8747	0.25845	0.00862	0.00083
372.67	59.38	5.938	15.34	288.49	739.88	0.8747	0.25841	0.00866	0.00115
372.72	59.37	5.937	15.35	288.50	739.88	0.8747	0.25836	0.00871	0.00093
372.77	59.36	5.936	15.37	288.52	739.98	0.8748	0.25827	0.00881	0.00093
372.82	59.36	5.936	15.37	288.52	739.98	0.8748	0.25827	0.00881	0.00085
372.87	59.35	5.935	15.37	288.52	739.98	0.8748	0.25822	0.00885	0.00056
372.92	59.34	5.934	15.36	288.51	739.98	0.8748	0.25819	0.00888	0.00095
372.97	59.33	5.933	15.35	288.50	739.98	0.8748	0.25815	0.00892	0.00100
373.02	59.31	5.931	15.34	288.49	739.98	0.8748	0.25808	0.00900	0.00087
373.07	59.30	5.930	15.35	288.50	739.98	0.8748	0.25802	0.00905	0.00111
373.12	59.30	5.930	15.36	288.51	739.98	0.8748	0.25802	0.00906	0.00093
373.17	59.29	5.929	15.37	288.52	739.98	0.8749	0.25793	0.00914	0.00089
373.22	59.28	5.928	15.37	288.52	739.98	0.8749	0.25789	0.00918	0.00083
373.27	59.27	5.927	15.37	288.52	741.88	0.8749	0.25785	0.00923	0.00059
373.32	59.26	5.926	15.35	288.50	741.88	0.8748	0.25785	0.00922	0.00054
373.37	59.25	5.925	15.34	288.49	741.88	0.8748	0.25782	0.00926	0.00059
373.42	59.24	5.924	15.33	288.48	741.88	0.8748	0.25778	0.00929	0.00089
373.47	59.23	5.923	15.34	288.49	741.88	0.8748	0.25773	0.00934	0.00093
373.52	59.23	5.923	15.37	288.52	741.88	0.8749	0.25767	0.00940	0.00098
373.57	59.22	5.922	15.37	288.52	741.88	0.8749	0.25763	0.00944	0.00093
373.62	59.21	5.921	15.37	288.52	741.88	0.8749	0.25759	0.00949	0.00074
373.67	59.20	5.920	15.37	288.52	741.88	0.8749	0.25754	0.00953	0.00069
373.72	59.19	5.919	15.34	288.49	741.88	0.8749	0.25753	0.00955	0.00069
373.77	59.18	5.918	15.33	288.48	739.80	0.8749	0.25749	0.00958	0.00074
373.82	59.17	5.917	15.33	288.48	739.80	0.8749	0.25745	0.00963	0.00113
373.87	59.16	5.916	15.34	288.49	739.80	0.8749	0.25739	0.00968	0.00096
373.92	59.14	5.914	15.35	288.50	739.80	0.8749	0.25730	0.00977	0.00111

373.97	59.14	5.914	15.35	288.50	739.80	0.8749	0.25730	0.00977	0.00106
374.02	59.13	5.913	15.35	288.50	739.80	0.8750	0.25723	0.00985	0.00039
374.07	59.12	5.912	15.35	288.50	739.80	0.8750	0.25718	0.00989	0.00075
374.12	59.12	5.912	15.34	288.49	739.80	0.8749	0.25722	0.00985	0.00061
374.17	59.11	5.911	15.34	288.49	739.80	0.8750	0.25715	0.00993	0.00065
374.22	59.10	5.910	15.34	288.49	739.80	0.8750	0.25710	0.00997	0.00111
374.27	59.09	5.909	15.35	288.50	739.95	0.8750	0.25705	0.01002	0.00096
374.32	59.08	5.908	15.36	288.51	739.95	0.8750	0.25700	0.01007	0.00074
374.37	59.07	5.907	15.36	288.51	739.95	0.8750	0.25696	0.01012	0.00065
374.42	59.07	5.907	15.36	288.51	739.95	0.8750	0.25696	0.01012	0.00052
374.47	59.06	5.906	15.35	288.50	739.95	0.8750	0.25692	0.01015	0.00052
374.52	59.05	5.905	15.33	288.48	739.95	0.8750	0.25690	0.01018	0.00074
374.57	59.04	5.904	15.33	288.48	739.95	0.8750	0.25685	0.01022	0.00087
374.62	59.03	5.903	15.33	288.48	739.95	0.8750	0.25681	0.01026	0.00111
374.67	59.02	5.902	15.35	288.50	739.95	0.8750	0.25675	0.01033	0.00111
374.72	59.01	5.901	15.35	288.50	739.95	0.8751	0.25667	0.01040	0.00111
374.77	59.00	5.900	15.35	288.50	739.95	0.8751	0.25663	0.01044	0.00097
374.82	58.99	5.899	15.35	288.50	741.63	0.8751	0.25659	0.01049	0.00061
374.87	58.98	5.898	15.34	288.49	741.63	0.8751	0.25655	0.01052	0.00061
374.92	58.98	5.898	15.34	288.49	741.63	0.8751	0.25655	0.01052	0.00065
374.97	58.97	5.897	15.34	288.49	741.63	0.8751	0.25651	0.01056	0.00074
375.02	58.96	5.896	15.35	288.50	741.63	0.8751	0.25646	0.01062	0.00074
375.07	58.95	5.895	15.36	288.51	741.63	0.8751	0.25640	0.01067	0.00074
375.12	58.95	5.895	15.36	288.51	741.63	0.8751	0.25640	0.01067	0.00065
375.17	58.94	5.894	15.36	288.51	741.63	0.8751	0.25636	0.01071	0.00026
375.22	58.93	5.893	15.35	288.50	741.63	0.8751	0.25633	0.01075	0.00047
375.27	58.93	5.893	15.32	288.47	741.63	0.8751	0.25635	0.01072	0.00047
375.32	58.92	5.892	15.32	288.47	739.65	0.8751	0.25631	0.01076	0.00056
375.37	58.91	5.891	15.32	288.47	739.65	0.8751	0.25627	0.01081	0.00096
375.42	58.90	5.890	15.33	288.48	739.65	0.8751	0.25621	0.01086	0.00074
375.47	58.89	5.889	15.34	288.49	739.65	0.8751	0.25616	0.01091	0.00091
375.52	58.89	5.889	15.34	288.49	739.65	0.8751	0.25616	0.01091	0.00083
375.57	58.87	5.887	15.33	288.48	739.65	0.8751	0.25608	0.01099	0.00056
375.62	58.86	5.886	15.32	288.47	739.65	0.8751	0.25605	0.01102	0.00078
375.67	58.86	5.886	15.32	288.47	739.65	0.8751	0.25605	0.01102	0.00061
375.72	58.85	5.885	15.32	288.47	739.65	0.8751	0.25601	0.01107	0.00067
375.77	58.84	5.884	15.32	288.47	739.65	0.8751	0.25596	0.01111	0.00089
375.82	58.84	5.884	15.34	288.49	741.90	0.8752	0.25591	0.01116	0.00089
375.87	58.83	5.883	15.34	288.49	741.90	0.8752	0.25587	0.01120	0.00089
375.92	58.82	5.882	15.34	288.49	741.90	0.8752	0.25583	0.01125	0.00083
375.97	58.81	5.881	15.34	288.49	741.90	0.8752	0.25578	0.01129	0.00061
376.02	58.80	5.880	15.33	288.48	741.90	0.8752	0.25575	0.01132	0.00061
376.07	58.80	5.880	15.33	288.48	741.90	0.8752	0.25575	0.01132	0.00061
376.12	58.79	5.879	15.33	288.48	741.90	0.8752	0.25571	0.01137	0.00070
376.17	58.78	5.878	15.33	288.48	741.90	0.8752	0.25566	0.01141	0.00070
376.22	58.77	5.877	15.34	288.49	741.90	0.8752	0.25561	0.01146	0.00043
376.27	58.77	5.877	15.34	288.49	741.90	0.8752	0.25561	0.01146	0.00039
376.32	58.77	5.877	15.33	288.48	739.95	0.8752	0.25562	0.01145	0.00035
376.37	58.76	5.876	15.32	288.47	739.95	0.8752	0.25558	0.01149	0.00056
376.42	58.75	5.875	15.32	288.47	739.95	0.8752	0.25554	0.01153	0.00083
376.47	58.74	5.874	15.32	288.47	739.95	0.8752	0.25550	0.01158	0.00106
376.52	58.73	5.873	15.32	288.47	739.95	0.8752	0.25545	0.01162	0.00084
376.57	58.72	5.872	15.33	288.48	739.95	0.8753	0.25537	0.01170	0.00080
376.62	58.72	5.872	15.33	288.48	739.95	0.8753	0.25537	0.01170	0.00039
376.67	58.71	5.871	15.32	288.47	739.95	0.8753	0.25534	0.01173	0.00007
376.72	58.71	5.871	15.31	288.46	739.95	0.8752	0.25538	0.01170	0.00029
376.77	58.70	5.870	15.28	288.43	739.95	0.8752	0.25536	0.01171	0.00037
376.82	58.69	5.869	15.28	288.43	739.95	0.8752	0.25532	0.01176	0.00061
376.87	58.68	5.868	15.29	288.44	741.70	0.8752	0.25526	0.01181	0.00102
376.92	58.68	5.868	15.30	288.45	741.70	0.8752	0.25525	0.01182	0.00102
376.97	58.67	5.867	15.33	288.48	741.70	0.8753	0.25516	0.01192	0.00098
377.02	58.66	5.866	15.33	288.48	741.70	0.8753	0.25511	0.01196	0.00089
377.07	58.65	5.865	15.33	288.48	741.70	0.8753	0.25507	0.01200	0.00056
377.12	58.65	5.865	15.32	288.47	741.70	0.8753	0.25508	0.01200	0.00052
377.17	58.64	5.864	15.31	288.46	741.70	0.8753	0.25504	0.01203	0.00052
377.22	58.63	5.863	15.30	288.45	741.70	0.8753	0.25501	0.01207	0.00061
377.27	58.62	5.862	15.30	288.45	741.70	0.8753	0.25496	0.01211	0.00070
377.32	58.62	5.862	15.31	288.46	741.70	0.8753	0.25496	0.01212	0.00074
377.37	58.61	5.861	15.32	288.47	739.73	0.8753	0.25490	0.01217	0.00052
377.42	58.60	5.860	15.32	288.47	739.73	0.8753	0.25486	0.01221	0.00065
377.47	58.60	5.860	15.32	288.47	739.73	0.8753	0.25486	0.01221	0.00030
377.52	58.59	5.859	15.31	288.46	739.73	0.8753	0.25482	0.01225	0.00030
377.57	58.59	5.859	15.29	288.44	739.73	0.8753	0.25484	0.01223	0.00030
377.62	58.58	5.858	15.29	288.44	739.73	0.8753	0.25480	0.01227	0.00039
377.67	58.58	5.858	15.29	288.44	739.73	0.8753	0.25480	0.01227	0.00076
377.72	58.57	5.857	15.30	288.45	739.73	0.8753	0.25475	0.01233	0.00076
377.77	58.57	5.857	15.33	288.48	739.73	0.8754	0.25469	0.01238	0.00093
377.82	58.56	5.856	15.33	288.48	739.73	0.8754	0.25465	0.01243	0.00062
377.87	58.55	5.855	15.32	288.47	741.90	0.8754	0.25461	0.01246	0.00052
377.92	58.55	5.855	15.31	288.46	741.90	0.8754	0.25462	0.01245	0.00052
377.97	58.54	5.854	15.30	288.45	741.90	0.8754	0.25459	0.01249	0.00056
378.02	58.53	5.853	15.30	288.45	741.90	0.8754	0.25454	0.01253	0.00065
378.07	58.52	5.852	15.30	288.45	741.90	0.8754	0.25450	0.01257	0.00074
378.12	58.52	5.852	15.31	288.46	741.90	0.8754	0.25449	0.01258	0.00074

378.17	58.51	5.851	15.32	288.47	741.90	0.8754	0.25444	0.01263	0.00052
378.22	58.50	5.850	15.32	288.47	741.90	0.8754	0.25440	0.01268	0.00065
378.27	58.50	5.850	15.32	288.47	741.90	0.8754	0.25440	0.01268	0.00061
378.32	58.49	5.849	15.31	288.46	741.90	0.8754	0.25436	0.01271	0.00039
378.37	58.48	5.848	15.31	288.46	741.90	0.8754	0.25432	0.01276	0.00061
378.42	58.48	5.848	15.31	288.46	741.95	0.8754	0.25432	0.01276	0.00093
378.47	58.47	5.847	15.31	288.46	741.95	0.8754	0.25427	0.01280	0.00076
378.52	58.46	5.846	15.34	288.49	741.95	0.8755	0.25417	0.01290	0.00097
378.57	58.46	5.846	15.35	288.50	741.95	0.8755	0.25417	0.01291	0.00071
378.62	58.45	5.845	15.35	288.50	741.95	0.8755	0.25412	0.01295	-0.00010
378.67	58.45	5.845	15.34	288.49	741.95	0.8755	0.25413	0.01294	0.00003
378.72	58.45	5.845	15.30	288.45	741.95	0.8754	0.25420	0.01288	-0.00019
378.77	58.44	5.844	15.29	288.44	741.95	0.8754	0.25416	0.01291	0.00007
378.82	58.44	5.844	15.29	288.44	741.95	0.8754	0.25416	0.01291	0.00058
378.87	58.43	5.843	15.29	288.44	741.95	0.8754	0.25412	0.01296	0.00067
378.92	58.43	5.843	15.30	288.45	741.23	0.8755	0.25408	0.01299	0.00084
378.97	58.42	5.842	15.31	288.46	741.23	0.8755	0.25403	0.01305	0.00062
379.02	58.41	5.841	15.30	288.45	741.23	0.8755	0.25399	0.01308	0.00042
379.07	58.41	5.841	15.30	288.45	741.23	0.8755	0.25399	0.01308	0.00038
379.12	58.40	5.840	15.28	288.43	741.23	0.8754	0.25400	0.01308	0.00020
379.17	58.39	5.839	15.28	288.43	741.23	0.8754	0.25395	0.01312	0.00061
379.22	58.39	5.839	15.28	288.43	741.23	0.8754	0.25395	0.01312	0.00097
379.27	58.38	5.838	15.29	288.44	741.23	0.8755	0.25387	0.01320	0.00094
379.32	58.37	5.837	15.32	288.47	741.23	0.8755	0.25380	0.01327	0.00116
379.37	58.37	5.837	15.33	288.48	741.23	0.8756	0.25376	0.01331	0.00074
379.42	58.36	5.836	15.33	288.48	739.80	0.8756	0.25372	0.01335	0.00030
379.47	58.35	5.835	15.31	288.46	739.80	0.8755	0.25372	0.01335	0.00033
379.52	58.35	5.835	15.29	288.44	739.80	0.8755	0.25374	0.01333	0.00011
379.57	58.34	5.834	15.29	288.44	739.80	0.8755	0.25370	0.01338	0.00039
379.62	58.34	5.834	15.29	288.44	739.80	0.8755	0.25370	0.01338	0.00089
379.67	58.33	5.833	15.30	288.45	739.80	0.8755	0.25364	0.01343	0.00067
379.72	58.32	5.832	15.31	288.46	739.80	0.8756	0.25356	0.01351	0.00088
379.77	58.32	5.832	15.31	288.46	739.80	0.8756	0.25356	0.01351	0.00035
379.82	58.31	5.831	15.31	288.46	739.80	0.8756	0.25352	0.01355	0.00003
379.87	58.31	5.831	15.28	288.43	739.80	0.8755	0.25358	0.01350	0.00024
379.92	58.30	5.830	15.25	288.40	739.85	0.8755	0.25356	0.01351	0.00007
379.97	58.29	5.829	15.25	288.40	739.85	0.8755	0.25351	0.01356	0.00061
380.02	58.29	5.829	15.26	288.41	739.85	0.8755	0.25351	0.01357	0.00080
380.07	58.28	5.828	15.27	288.42	739.85	0.8755	0.25345	0.01362	0.00058
380.12	58.28	5.828	15.30	288.45	739.85	0.8756	0.25340	0.01367	0.00076
380.17	58.28	5.828	15.30	288.45	739.85	0.8756	0.25340	0.01367	0.00049
380.22	58.27	5.827	15.30	288.45	739.85	0.8756	0.25335	0.01372	0.00043
380.27	58.27	5.827	15.30	288.45	739.85	0.8756	0.25335	0.01372	0.00043
380.32	58.26	5.826	15.30	288.45	739.85	0.8756	0.25331	0.01376	0.00043
380.37	58.26	5.826	15.30	288.45	739.85	0.8756	0.25331	0.01376	0.00065
380.42	58.25	5.825	15.30	288.45	739.85	0.8756	0.25327	0.01380	0.00048
380.47	58.24	5.824	15.30	288.45	741.95	0.8756	0.25322	0.01385	0.00070
380.52	58.24	5.824	15.31	288.46	741.95	0.8756	0.25322	0.01386	0.00043
380.57	58.23	5.823	15.31	288.46	741.95	0.8756	0.25317	0.01390	0.00043
380.62	58.23	5.823	15.30	288.45	741.95	0.8756	0.25318	0.01389	0.00061
380.67	58.22	5.822	15.30	288.45	741.95	0.8756	0.25314	0.01394	0.00039
380.72	58.21	5.821	15.30	288.45	741.95	0.8756	0.25309	0.01398	0.00065
380.77	58.21	5.821	15.30	288.45	741.95	0.8756	0.25309	0.01398	0.00043
380.82	58.20	5.820	15.30	288.45	741.95	0.8756	0.25305	0.01402	0.00043
380.87	58.20	5.820	15.30	288.45	741.95	0.8756	0.25305	0.01402	0.00043
380.92	58.19	5.819	15.30	288.45	741.95	0.8756	0.25301	0.01407	0.00039
380.97	58.19	5.819	15.30	288.45	739.90	0.8756	0.25301	0.01407	0.00039
381.02	58.18	5.818	15.29	288.44	739.90	0.8756	0.25297	0.01410	0.00054
381.07	58.18	5.818	15.29	288.44	739.90	0.8756	0.25297	0.01410	0.00075
381.12	58.17	5.817	15.29	288.44	739.90	0.8757	0.25290	0.01417	0.00058
381.17	58.16	5.816	15.29	288.44	739.90	0.8757	0.25286	0.01422	0.00080
381.22	58.16	5.816	15.29	288.44	739.90	0.8757	0.25286	0.01422	0.00043
381.27	58.15	5.815	15.29	288.44	739.90	0.8757	0.25281	0.01426	0.00039
381.32	58.15	5.815	15.29	288.44	739.90	0.8757	0.25281	0.01426	0.00039
381.37	58.14	5.814	15.28	288.43	739.90	0.8757	0.25278	0.01429	0.00039
381.42	58.14	5.814	15.28	288.43	739.90	0.8757	0.25278	0.01429	0.00065
381.47	58.13	5.813	15.28	288.43	739.80	0.8757	0.25273	0.01434	0.00048
381.52	58.12	5.812	15.29	288.44	739.80	0.8757	0.25268	0.01439	0.00070
381.57	58.12	5.812	15.29	288.44	739.80	0.8757	0.25268	0.01439	0.00048
381.62	58.11	5.811	15.29	288.44	739.80	0.8757	0.25264	0.01443	0.00043
381.67	58.11	5.811	15.29	288.44	739.80	0.8757	0.25264	0.01443	0.00043
381.72	58.10	5.810	15.29	288.44	739.80	0.8757	0.25260	0.01448	0.00022
381.77	58.10	5.810	15.29	288.44	739.80	0.8757	0.25260	0.01448	0.00022
381.82	58.10	5.810	15.29	288.44	739.80	0.8757	0.25260	0.01448	0.00049
381.87	58.10	5.810	15.29	288.44	739.80	0.8757	0.25260	0.01448	0.00049
381.92	58.09	5.809	15.32	288.47	739.80	0.8758	0.25250	0.01458	0.00067
381.97	58.09	5.809	15.32	288.47	741.95	0.8758	0.25250	0.01458	0.00088
382.02	58.08	5.808	15.31	288.46	741.95	0.8758	0.25246	0.01461	0.00012
382.07	58.07	5.807	15.31	288.46	741.95	0.8758	0.25242	0.01465	0.00029
382.12	58.07	5.807	15.28	288.43	741.95	0.8757	0.25247	0.01460	0.00012
382.17	58.06	5.806	15.27	288.42	741.95	0.8757	0.25244	0.01463	-0.00006
382.22	58.06	5.806	15.27	288.42	741.95	0.8757	0.25244	0.01463	0.00062
382.27	58.06	5.806	15.28	288.43	741.95	0.8757	0.25243	0.01464	0.00067
382.32	58.05	5.805	15.29	288.44	741.95	0.8758	0.25235	0.01472	0.00067

382.37	58.04	5.804	15.29	288.44	741.95	0.8758	0.25231	0.01477	0.00043
382.42	58.04	5.804	15.29	288.44	741.95	0.8758	0.25231	0.01477	0.00039
382.47	58.04	5.804	15.28	288.43	741.95	0.8757	0.25234	0.01473	0.00039
382.52	58.03	5.803	15.28	288.43	739.63	0.8758	0.25227	0.01480	0.00039
382.57	58.02	5.802	15.28	288.43	739.63	0.8758	0.25223	0.01484	0.00084
382.62	58.02	5.802	15.28	288.43	739.63	0.8758	0.25223	0.01484	0.00070
382.67	58.01	5.801	15.29	288.44	739.63	0.8758	0.25218	0.01490	0.00048
382.72	58.00	5.800	15.29	288.44	739.63	0.8758	0.25213	0.01494	0.00070
382.77	58.00	5.800	15.29	288.44	739.63	0.8758	0.25213	0.01494	0.00039
382.82	57.99	5.799	15.29	288.44	739.63	0.8758	0.25209	0.01498	0.00039
382.87	57.99	5.799	15.28	288.43	739.63	0.8758	0.25210	0.01498	0.00039
382.92	57.98	5.798	15.28	288.43	739.63	0.8758	0.25205	0.01502	0.00039
382.97	57.98	5.798	15.28	288.43	739.63	0.8758	0.25205	0.01502	0.00048
383.02	57.97	5.797	15.28	288.43	741.70	0.8758	0.25201	0.01506	0.00048
383.07	57.97	5.797	15.29	288.44	741.70	0.8758	0.25200	0.01507	0.00065
383.12	57.96	5.796	15.29	288.44	741.70	0.8758	0.25196	0.01511	0.00039
383.17	57.95	5.795	15.28	288.43	741.70	0.8758	0.25192	0.01515	0.00026
383.22	57.95	5.795	15.27	288.42	741.70	0.8758	0.25193	0.01514	0.00030
383.27	57.95	5.795	15.25	288.40	741.70	0.8758	0.25195	0.01512	0.00035
383.32	57.94	5.794	15.26	288.41	741.70	0.8758	0.25190	0.01518	0.00043
383.37	57.93	5.793	15.26	288.41	741.70	0.8758	0.25185	0.01522	0.00052
383.42	57.93	5.793	15.27	288.42	741.70	0.8758	0.25185	0.01523	0.00048
383.47	57.93	5.793	15.27	288.42	741.70	0.8758	0.25185	0.01523	0.00026
383.52	57.92	5.792	15.27	288.42	739.93	0.8758	0.25180	0.01527	0.00017
383.57	57.92	5.792	15.27	288.42	739.93	0.8758	0.25180	0.01527	0.00017
383.62	57.92	5.792	15.26	288.41	739.93	0.8758	0.25181	0.01526	-0.00004
383.67	57.92	5.792	15.26	288.41	739.93	0.8758	0.25181	0.01526	0.00040
383.72	57.92	5.792	15.26	288.41	739.93	0.8758	0.25181	0.01526	0.00075
383.77	57.91	5.791	15.28	288.43	739.93	0.8759	0.25172	0.01535	0.00075
383.82	57.90	5.790	15.30	288.45	739.93	0.8759	0.25166	0.01541	0.00097
383.87	57.90	5.790	15.30	288.45	739.93	0.8759	0.25166	0.01541	0.00070
383.92	57.89	5.789	15.30	288.45	739.93	0.8759	0.25162	0.01546	0.00030
383.97	57.88	5.788	15.29	288.44	739.93	0.8759	0.25158	0.01549	0.00052
384.02	57.88	5.788	15.27	288.42	741.95	0.8759	0.25160	0.01547	0.00030
384.07	57.87	5.787	15.27	288.42	741.95	0.8759	0.25156	0.01552	0.00039
384.12	57.87	5.787	15.27	288.42	741.95	0.8759	0.25156	0.01552	0.00052
384.17	57.86	5.786	15.28	288.43	741.95	0.8759	0.25150	0.01557	0.00052
384.22	57.86	5.786	15.29	288.44	741.95	0.8759	0.25149	0.01558	0.00048
384.27	57.85	5.785	15.29	288.44	741.95	0.8759	0.25145	0.01562	0.00039
384.32	57.85	5.785	15.28	288.43	741.95	0.8759	0.25146	0.01561	0.00026
384.37	57.84	5.784	15.27	288.42	741.95	0.8759	0.25143	0.01565	0.00026
384.42	57.84	5.784	15.25	288.40	741.95	0.8759	0.25144	0.01563	0.00035
384.47	57.83	5.783	15.25	288.40	741.95	0.8759	0.25140	0.01567	0.00067
384.52	57.83	5.783	15.26	288.41	741.95	0.8759	0.25139	0.01568	0.00084
384.57	57.82	5.782	15.29	288.44	739.70	0.8760	0.25129	0.01578	0.00084
384.62	57.82	5.782	15.31	288.46	739.70	0.8760	0.25127	0.01580	0.00080
384.67	57.81	5.781	15.31	288.46	739.70	0.8760	0.25123	0.01584	0.00048
384.72	57.81	5.781	15.31	288.46	739.70	0.8760	0.25123	0.01584	0.00012
384.77	57.80	5.780	15.30	288.45	739.70	0.8760	0.25120	0.01588	-0.00014
384.82	57.80	5.780	15.27	288.42	739.70	0.8759	0.25125	0.01582	0.00007
384.87	57.80	5.780	15.26	288.41	739.70	0.8759	0.25126	0.01581	0.00013
384.92	57.79	5.779	15.26	288.41	739.70	0.8759	0.25122	0.01586	0.00067
384.97	57.79	5.779	15.28	288.43	739.70	0.8760	0.25117	0.01590	0.00071
385.02	57.78	5.778	15.29	288.44	739.70	0.8760	0.25112	0.01595	0.00049
385.07	57.78	5.778	15.29	288.44	741.73	0.8760	0.25112	0.01595	0.00022
385.12	57.78	5.778	15.29	288.44	741.73	0.8760	0.25112	0.01595	0.00035
385.17	57.78	5.778	15.28	288.43	741.73	0.8760	0.25113	0.01595	0.00035
385.22	57.76	5.776	15.27	288.42	741.73	0.8760	0.25105	0.01602	0.00035
385.27	57.76	5.776	15.27	288.42	741.73	0.8760	0.25105	0.01602	0.00065
385.32	57.76	5.776	15.27	288.42	741.73	0.8760	0.25105	0.01602	0.00030
385.37	57.75	5.775	15.28	288.43	741.73	0.8760	0.25100	0.01608	0.00052
385.42	57.75	5.775	15.29	288.44	741.73	0.8760	0.25099	0.01608	0.00052
385.47	57.74	5.774	15.29	288.44	741.73	0.8760	0.25094	0.01613	0.00039
385.52	57.74	5.774	15.29	288.44	741.73	0.8760	0.25094	0.01613	0.00035
385.57	57.73	5.773	15.27	288.42	739.93	0.8760	0.25092	0.01615	0.00035
385.62	57.73	5.773	15.27	288.42	739.93	0.8760	0.25092	0.01615	0.00035
385.67	57.72	5.772	15.27	288.42	739.93	0.8760	0.25088	0.01620	0.00071
385.72	57.72	5.772	15.27	288.42	739.93	0.8760	0.25088	0.01620	0.00075
385.77	57.71	5.771	15.30	288.45	739.93	0.8761	0.25078	0.01630	0.00053
385.82	57.71	5.771	15.31	288.46	739.93	0.8761	0.25077	0.01630	0.00075
385.87	57.71	5.771	15.31	288.46	739.93	0.8761	0.25077	0.01630	0.00013
385.92	57.70	5.770	15.31	288.46	739.93	0.8761	0.25072	0.01635	0.00017
385.97	57.70	5.770	15.28	288.43	739.93	0.8761	0.25075	0.01632	0.00017
386.02	57.69	5.769	15.25	288.40	739.93	0.8761	0.25073	0.01634	0.00017
386.07	57.69	5.769	15.25	288.40	739.93	0.8761	0.25073	0.01634	0.00043
386.12	57.68	5.768	15.25	288.40	739.95	0.8761	0.25069	0.01638	0.00065
386.17	57.68	5.768	15.28	288.43	739.95	0.8761	0.25066	0.01641	0.00070
386.22	57.67	5.767	15.30	288.45	739.95	0.8761	0.25060	0.01647	0.00048
386.27	57.67	5.767	15.31	288.46	739.95	0.8761	0.25059	0.01648	0.00052
386.32	57.67	5.767	15.31	288.46	739.95	0.8761	0.25059	0.01648	0.00009
386.37	57.66	5.766	15.30	288.45	739.95	0.8761	0.25056	0.01651	0.00022
386.42	57.66	5.766	15.27	288.42	739.95	0.8761	0.25059	0.01649	0.00022
386.47	57.65	5.765	15.26	288.41	739.95	0.8761	0.25055	0.01652	0.00030
386.52	57.65	5.765	15.26	288.41	739.95	0.8761	0.25055	0.01652	0.00052

386.57	57.64	5.764	15.27	288.42	739.95	0.8761	0.25050	0.01657	0.00056
386.62	57.64	5.764	15.29	288.44	741.33	0.8761	0.25048	0.01659	0.00056
386.67	57.63	5.763	15.29	288.44	741.33	0.8761	0.25044	0.01663	0.00048
386.72	57.63	5.763	15.29	288.44	741.33	0.8761	0.25044	0.01663	0.00053
386.77	57.62	5.762	15.28	288.43	741.33	0.8761	0.25040	0.01667	0.00053
386.82	57.62	5.762	15.28	288.43	741.33	0.8762	0.25037	0.01670	0.00053
386.87	57.61	5.761	15.28	288.43	741.33	0.8762	0.25033	0.01674	0.00062
386.92	57.61	5.761	15.28	288.43	741.33	0.8762	0.25033	0.01674	0.00052
386.97	57.60	5.760	15.29	288.44	741.33	0.8762	0.25028	0.01679	0.00030
387.02	57.60	5.760	15.30	288.45	741.33	0.8762	0.25027	0.01680	0.00030
387.07	57.60	5.760	15.30	288.45	741.33	0.8762	0.25027	0.01680	0.00017
387.12	57.60	5.760	15.30	288.45	739.85	0.8762	0.25027	0.01680	0.00013
387.17	57.59	5.759	15.28	288.43	739.85	0.8762	0.25024	0.01683	0.00013
387.22	57.59	5.759	15.28	288.43	739.85	0.8762	0.25024	0.01683	0.00035
387.27	57.59	5.759	15.28	288.43	739.85	0.8762	0.25024	0.01683	0.00043
387.32	57.58	5.758	15.28	288.43	739.85	0.8762	0.25020	0.01687	0.00043
387.37	57.57	5.757	15.28	288.43	739.85	0.8762	0.25016	0.01692	0.00043
387.42	57.57	5.757	15.28	288.43	739.85	0.8762	0.25016	0.01692	0.00048
387.47	57.57	5.757	15.28	288.43	739.85	0.8762	0.25016	0.01692	0.00030
387.52	57.56	5.756	15.29	288.44	739.85	0.8762	0.25011	0.01697	0.00052
387.57	57.56	5.756	15.30	288.45	739.85	0.8762	0.25010	0.01698	0.00048
387.62	57.55	5.755	15.30	288.45	741.85	0.8762	0.25005	0.01702	0.00017
387.67	57.55	5.755	15.29	288.44	741.85	0.8762	0.25006	0.01701	0.00035
387.72	57.55	5.755	15.28	288.43	741.85	0.8762	0.25007	0.01700	0.00009
387.77	57.54	5.754	15.28	288.43	741.85	0.8762	0.25003	0.01705	0.00009
387.82	57.54	5.754	15.27	288.42	741.85	0.8762	0.25004	0.01704	0.00035
387.87	57.54	5.754	15.26	288.41	741.85	0.8762	0.25004	0.01703	0.00035
387.92	57.53	5.753	15.26	288.41	741.85	0.8762	0.25000	0.01707	0.00039
387.97	57.52	5.752	15.26	288.41	741.85	0.8762	0.24996	0.01712	0.00048
388.02	57.52	5.752	15.26	288.41	741.85	0.8762	0.24996	0.01712	0.00048
388.07	57.52	5.752	15.27	288.42	741.85	0.8762	0.24995	0.01712	0.00030
388.12	57.51	5.751	15.27	288.42	741.85	0.8762	0.24991	0.01717	0.00052
388.17	57.51	5.751	15.28	288.43	739.95	0.8762	0.24990	0.01718	0.00048
388.22	57.50	5.750	15.28	288.43	739.95	0.8762	0.24985	0.01722	0.00026
388.27	57.50	5.750	15.28	288.43	739.95	0.8762	0.24985	0.01722	0.00043
388.32	57.50	5.750	15.28	288.43	739.95	0.8762	0.24985	0.01722	0.00022
388.37	57.49	5.749	15.28	288.43	739.95	0.8762	0.24981	0.01726	0.00022
388.42	57.49	5.749	15.28	288.43	739.95	0.8762	0.24981	0.01726	0.00043
388.47	57.49	5.749	15.28	288.43	739.95	0.8762	0.24981	0.01726	0.00043
388.52	57.48	5.748	15.28	288.43	739.95	0.8762	0.24977	0.01731	0.00062
388.57	57.47	5.747	15.28	288.43	739.95	0.8762	0.24972	0.01735	0.00084
388.62	57.47	5.747	15.29	288.44	739.95	0.8763	0.24969	0.01739	0.00058
388.67	57.46	5.746	15.29	288.44	741.90	0.8763	0.24964	0.01743	0.00058
388.72	57.46	5.746	15.28	288.43	741.90	0.8763	0.24965	0.01742	0.00039
388.77	57.45	5.745	15.28	288.43	741.90	0.8763	0.24961	0.01747	0.00017
388.82	57.45	5.745	15.28	288.43	741.90	0.8763	0.24961	0.01747	0.00043
388.87	57.45	5.745	15.28	288.43	741.90	0.8763	0.24961	0.01747	0.00022
388.92	57.44	5.744	15.28	288.43	741.90	0.8763	0.24956	0.01751	0.00022
388.97	57.44	5.744	15.28	288.43	741.90	0.8763	0.24956	0.01751	0.00043
389.02	57.44	5.744	15.28	288.43	741.90	0.8763	0.24956	0.01751	0.00022
389.07	57.43	5.743	15.28	288.43	741.90	0.8763	0.24952	0.01755	0.00043
389.12	57.43	5.743	15.28	288.43	741.90	0.8763	0.24952	0.01755	0.00043
389.17	57.42	5.742	15.28	288.43	739.78	0.8763	0.24948	0.01760	0.00022
389.22	57.42	5.742	15.28	288.43	739.78	0.8763	0.24948	0.01760	0.00022
389.27	57.42	5.742	15.28	288.43	739.78	0.8763	0.24948	0.01760	0.00000
389.32	57.42	5.742	15.28	288.43	739.78	0.8763	0.24948	0.01760	0.00022
389.37	57.42	5.742	15.28	288.43	739.78	0.8763	0.24948	0.01760	0.00022
389.42	57.41	5.741	15.28	288.43	739.78	0.8763	0.24943	0.01764	0.00022
389.47	57.41	5.741	15.28	288.43	739.78	0.8763	0.24943	0.01764	0.00043
389.52	57.41	5.741	15.28	288.43	739.78	0.8763	0.24943	0.01764	0.00022
389.57	57.40	5.740	15.28	288.43	739.78	0.8763	0.24939	0.01768	0.00017
389.62	57.40	5.740	15.28	288.43	739.78	0.8763	0.24939	0.01768	0.00039
389.67	57.40	5.740	15.27	288.42	741.95	0.8763	0.24940	0.01767	0.00017
389.72	57.39	5.739	15.27	288.42	741.95	0.8763	0.24936	0.01772	0.00043
389.77	57.39	5.739	15.27	288.42	741.95	0.8763	0.24936	0.01772	0.00048
389.82	57.38	5.738	15.28	288.43	741.95	0.8763	0.24930	0.01777	0.00026
389.87	57.38	5.738	15.28	288.43	741.95	0.8763	0.24930	0.01777	0.00048
389.92	57.38	5.738	15.28	288.43	741.95	0.8763	0.24930	0.01777	0.00022
389.97	57.37	5.737	15.28	288.43	741.95	0.8763	0.24926	0.01781	0.00039
390.02	57.37	5.737	15.28	288.43	741.95	0.8763	0.24926	0.01781	0.00043
390.07	57.36	5.736	15.27	288.42	741.95	0.8763	0.24923	0.01785	0.00040
390.12	57.36	5.736	15.28	288.43	741.95	0.8763	0.24922	0.01786	0.00066
390.17	57.36	5.736	15.29	288.44	741.95	0.8764	0.24918	0.01789	0.00049
390.22	57.35	5.735	15.30	288.45	739.61	0.8764	0.24913	0.01795	0.00062
390.27	57.35	5.735	15.30	288.45	739.61	0.8764	0.24913	0.01795	0.00039
390.32	57.34	5.734	15.29	288.44	739.61	0.8764	0.24909	0.01798	0.00009
390.37	57.34	5.734	15.28	288.43	739.61	0.8764	0.24910	0.01797	0.00009
390.42	57.34	5.734	15.27	288.42	739.61	0.8764	0.24911	0.01796	0.00022
390.47	57.34	5.734	15.27	288.42	739.61	0.8764	0.24911	0.01796	0.00035
390.52	57.33	5.733	15.29	288.44	739.61	0.8764	0.24905	0.01802	0.00039
390.57	57.33	5.733	15.31	288.46	739.61	0.8764	0.24903	0.01804	0.00061
390.62	57.33	5.733	15.31	288.46	739.61	0.8764	0.24903	0.01804	0.00004
390.67	57.32	5.732	15.31	288.46	739.61	0.8764	0.24899	0.01808	0.00030
390.72	57.33	5.733	15.30	288.45	741.65	0.8764	0.24904	0.01803	0.00030

390.77	57.31	5.731	15.28	288.43	741.65	0.8764	0.24897	0.01810	0.00009
390.82	57.31	5.731	15.28	288.43	741.65	0.8764	0.24897	0.01810	0.00065
390.87	57.31	5.731	15.28	288.43	741.65	0.8764	0.24897	0.01810	0.00035
390.92	57.30	5.730	15.30	288.45	741.65	0.8764	0.24891	0.01816	0.00035
390.97	57.30	5.730	15.31	288.46	741.65	0.8764	0.24890	0.01817	0.00071
391.02	57.30	5.730	15.31	288.46	741.65	0.8764	0.24890	0.01817	0.00036
391.07	57.29	5.729	15.31	288.46	741.65	0.8765	0.24883	0.01824	0.00032
391.12	57.29	5.729	15.30	288.45	741.65	0.8765	0.24884	0.01823	0.00032
391.17	57.29	5.729	15.30	288.45	741.65	0.8765	0.24884	0.01823	0.00017
391.22	57.29	5.729	15.30	288.45	739.88	0.8765	0.24884	0.01823	0.00022
391.27	57.28	5.728	15.30	288.45	739.88	0.8765	0.24879	0.01828	0.00026
391.32	57.28	5.728	15.30	288.45	739.88	0.8765	0.24879	0.01828	0.00022
391.37	57.28	5.728	15.31	288.46	739.88	0.8765	0.24879	0.01829	0.00004
391.42	57.28	5.728	15.30	288.45	739.88	0.8765	0.24879	0.01828	0.00030
391.47	57.28	5.728	15.31	288.46	739.88	0.8765	0.24879	0.01829	0.00026
391.52	57.27	5.727	15.32	288.47	739.88	0.8765	0.24873	0.01834	0.00030
391.57	57.27	5.727	15.32	288.47	739.88	0.8765	0.24873	0.01834	0.00075
391.62	57.27	5.727	15.32	288.47	739.88	0.8765	0.24873	0.01834	0.00053
391.67	57.26	5.726	15.35	288.50	739.88	0.8766	0.24864	0.01844	0.00053
391.72	57.26	5.726	15.36	288.51	741.95	0.8766	0.24863	0.01845	0.00071
391.77	57.26	5.726	15.36	288.51	741.95	0.8766	0.24863	0.01845	0.00017
391.82	57.25	5.725	15.35	288.50	741.95	0.8766	0.24859	0.01848	0.00013
391.87	57.25	5.725	15.34	288.49	741.95	0.8766	0.24860	0.01847	0.00035
391.92	57.25	5.725	15.34	288.49	741.95	0.8766	0.24860	0.01847	0.00017
391.97	57.24	5.724	15.34	288.49	741.95	0.8766	0.24856	0.01851	0.00030
392.02	57.24	5.724	15.34	288.49	741.95	0.8766	0.24856	0.01851	0.00052
392.07	57.24	5.724	15.36	288.51	741.95	0.8766	0.24854	0.01853	0.00030
392.12	57.23	5.723	15.36	288.51	741.95	0.8766	0.24850	0.01858	0.00026
392.17	57.23	5.723	15.36	288.51	741.95	0.8766	0.24850	0.01858	0.00031
392.22	57.23	5.723	15.35	288.50	741.95	0.8766	0.24851	0.01857	0.00004
392.27	57.22	5.722	15.33	288.48	741.70	0.8766	0.24848	0.01859	0.00004
392.32	57.22	5.722	15.32	288.47	741.70	0.8766	0.24849	0.01858	0.00035
392.37	57.22	5.722	15.32	288.47	741.70	0.8766	0.24849	0.01858	0.00035
392.42	57.21	5.721	15.33	288.48	741.70	0.8766	0.24844	0.01864	0.00039
392.47	57.21	5.721	15.36	288.51	741.70	0.8766	0.24841	0.01866	0.00061
392.52	57.21	5.721	15.36	288.51	741.70	0.8766	0.24841	0.01866	0.00035
392.57	57.20	5.720	15.36	288.51	741.70	0.8766	0.24837	0.01871	0.00022
392.62	57.20	5.720	15.36	288.51	741.70	0.8766	0.24837	0.01871	0.00022
392.67	57.20	5.720	15.36	288.51	741.70	0.8766	0.24837	0.01871	0.00022
392.72	57.20	5.720	15.36	288.51	741.70	0.8766	0.24837	0.01871	0.00022
392.77	57.19	5.719	15.36	288.51	741.70	0.8766	0.24832	0.01875	0.00022
392.82	57.19	5.719	15.36	288.51	741.70	0.8766	0.24832	0.01875	0.00058
392.87	57.19	5.719	15.36	288.51	741.70	0.8766	0.24832	0.01875	0.00036
392.92	57.18	5.718	15.36	288.51	741.70	0.8767	0.24825	0.01882	0.00040
392.97	57.18	5.718	15.36	288.51	741.70	0.8767	0.24825	0.01882	0.00040
393.02	57.18	5.718	15.37	288.52	741.70	0.8767	0.24824	0.01883	0.00004
393.07	57.18	5.718	15.37	288.52	741.70	0.8767	0.24824	0.01883	0.00022
393.12	57.18	5.718	15.37	288.52	741.70	0.8767	0.24824	0.01883	0.00017
393.17	57.17	5.717	15.36	288.51	741.70	0.8767	0.24821	0.01886	0.00039
393.22	57.17	5.717	15.36	288.51	741.70	0.8767	0.24821	0.01886	0.00043
393.27	57.16	5.716	15.36	288.51	739.90	0.8767	0.24817	0.01891	0.00030
393.32	57.16	5.716	15.37	288.52	739.90	0.8767	0.24816	0.01892	0.00052
393.37	57.16	5.716	15.38	288.53	739.90	0.8767	0.24815	0.01892	0.00026
393.42	57.15	5.715	15.38	288.53	739.90	0.8767	0.24810	0.01897	0.00022
393.47	57.15	5.715	15.37	288.52	739.90	0.8767	0.24811	0.01896	0.00017
393.52	57.15	5.715	15.37	288.52	739.90	0.8767	0.24811	0.01896	-0.00004
393.57	57.15	5.715	15.37	288.52	739.90	0.8767	0.24811	0.01896	0.00004
393.62	57.15	5.715	15.37	288.52	739.90	0.8767	0.24811	0.01896	0.00026
393.67	57.15	5.715	15.38	288.53	739.90	0.8767	0.24810	0.01897	0.00026
393.72	57.14	5.714	15.38	288.53	739.90	0.8767	0.24806	0.01901	0.00022
393.77	57.14	5.714	15.38	288.53	739.90	0.8767	0.24806	0.01901	0.00039
393.82	57.14	5.714	15.37	288.52	741.95	0.8767	0.24807	0.01900	-0.00004
393.87	57.13	5.713	15.37	288.52	741.95	0.8767	0.24803	0.01905	0.00017
393.92	57.14	5.714	15.37	288.52	741.95	0.8767	0.24807	0.01900	0.00022
393.97	57.13	5.713	15.37	288.52	741.95	0.8767	0.24803	0.01905	0.00000
394.02	57.13	5.713	15.37	288.52	741.95	0.8767	0.24803	0.01905	0.00043
394.07	57.13	5.713	15.37	288.52	741.95	0.8767	0.24803	0.01905	0.00022
394.12	57.12	5.712	15.37	288.52	741.95	0.8767	0.24798	0.01909	0.00022
394.17	57.12	5.712	15.37	288.52	741.95	0.8767	0.24798	0.01909	0.00039
394.22	57.12	5.712	15.37	288.52	741.95	0.8767	0.24798	0.01909	0.00043
394.27	57.11	5.711	15.36	288.51	741.95	0.8767	0.24795	0.01912	0.00043
394.32	57.10	5.710	15.37	288.52	741.28	0.8767	0.24790	0.01918	0.00043
394.37	57.10	5.710	15.37	288.52	741.28	0.8767	0.24790	0.01918	0.00062
394.42	57.10	5.710	15.37	288.52	741.28	0.8767	0.24790	0.01918	0.00036
394.47	57.09	5.709	15.37	288.52	741.28	0.8768	0.24782	0.01925	0.00036
394.52	57.09	5.709	15.37	288.52	741.28	0.8768	0.24782	0.01925	0.00036
394.57	57.09	5.709	15.37	288.52	741.28	0.8768	0.24782	0.01925	0.00022
394.62	57.09	5.709	15.37	288.52	741.28	0.8768	0.24782	0.01925	0.00022
394.67	57.08	5.708	15.37	288.52	741.28	0.8768	0.24778	0.01929	0.00022
394.72	57.08	5.708	15.37	288.52	741.28	0.8768	0.24778	0.01929	0.00022
394.77	57.08	5.708	15.37	288.52	741.28	0.8768	0.24778	0.01929	0.00000
394.82	57.08	5.708	15.37	288.52	739.85	0.8768	0.24778	0.01929	0.00000
394.87	57.08	5.708	15.37	288.52	739.85	0.8768	0.24778	0.01929	0.00022
394.92	57.08	5.708	15.37	288.52	739.85	0.8768	0.24778	0.01929	0.00022

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395.02	57.07	5.707	15.37	288.52	739.85	0.8768	0.24774	0.01934	0.00022
395.07	57.07	5.707	15.37	288.52	739.85	0.8768	0.24774	0.01934	0.00022
395.12	57.07	5.707	15.37	288.52	739.85	0.8768	0.24774	0.01934	0.00022
395.17	57.06	5.706	15.37	288.52	739.85	0.8768	0.24769	0.01938	0.00022
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395.42	57.05	5.705	15.37	288.52	741.83	0.8768	0.24765	0.01942	0.00017
395.47	57.04	5.704	15.36	288.51	741.83	0.8768	0.24762	0.01946	0.00017
395.52	57.04	5.704	15.36	288.51	741.83	0.8768	0.24762	0.01946	0.00017
395.57	57.04	5.704	15.36	288.51	741.83	0.8768	0.24762	0.01946	0.00022
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395.67	57.03	5.703	15.36	288.51	741.83	0.8768	0.24757	0.01950	0.00026
395.72	57.03	5.703	15.37	288.52	741.83	0.8768	0.24756	0.01951	0.00026
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395.82	57.03	5.703	15.37	288.52	741.83	0.8768	0.24756	0.01951	0.00022
395.87	57.02	5.702	15.37	288.52	739.95	0.8768	0.24752	0.01955	0.00022
395.92	57.02	5.702	15.37	288.52	739.95	0.8768	0.24752	0.01955	0.00022
395.97	57.02	5.702	15.37	288.52	739.95	0.8768	0.24752	0.01955	0.00000
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396.37	57.00	5.700	15.38	288.53	739.90	0.8768	0.24743	0.01965	0.00066
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397.12	56.95	5.695	15.37	288.52	741.80	0.8770	0.24716	0.01991	0.00013
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397.52	56.93	5.693	15.39	288.54	739.95	0.8770	0.24706	0.02002	0.00035
397.57	56.92	5.692	15.39	288.54	739.95	0.8770	0.24701	0.02006	0.00009
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397.67	56.92	5.692	15.36	288.51	739.95	0.8770	0.24704	0.02003	0.00013
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397.77	56.91	5.691	15.37	288.52	739.95	0.8770	0.24699	0.02009	0.00030
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397.87	56.91	5.691	15.38	288.53	739.95	0.8770	0.24698	0.02009	0.00022
397.92	56.90	5.690	15.38	288.53	741.51	0.8770	0.24693	0.02014	0.00013
397.97	56.90	5.690	15.37	288.52	741.51	0.8770	0.24694	0.02013	0.00009
398.02	56.90	5.690	15.35	288.50	741.51	0.8770	0.24696	0.02011	0.00009
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398.32	56.89	5.689	15.40	288.55	741.51	0.8771	0.24685	0.02023	0.00006
398.37	56.89	5.689	15.39	288.54	741.51	0.8771	0.24685	0.02022	-0.00026
398.42	56.89	5.689	15.36	288.51	739.70	0.8771	0.24688	0.02019	-0.00026
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398.52	56.89	5.689	15.34	288.49	739.70	0.8771	0.24690	0.02018	0.00017
398.57	56.88	5.688	15.35	288.50	739.70	0.8771	0.24685	0.02023	0.00030
398.62	56.88	5.688	15.35	288.50	739.70	0.8771	0.24685	0.02023	0.00030
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398.72	56.88	5.688	15.36	288.51	739.70	0.8771	0.24684	0.02024	0.00017
398.77	56.87	5.687	15.36	288.51	739.70	0.8771	0.24679	0.02028	0.00009
398.82	56.87	5.687	15.34	288.49	739.70	0.8771	0.24681	0.02026	0.00031
398.87	56.87	5.687	15.33	288.48	739.70	0.8771	0.24682	0.02025	0.00013
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398.97	56.86	5.686	15.34	288.49	739.95	0.8771	0.24677	0.02031	0.00039
399.02	56.86	5.686	15.36	288.51	739.95	0.8771	0.24675	0.02032	0.00039
399.07	56.86	5.686	15.37	288.52	739.95	0.8771	0.24674	0.02033	0.00030
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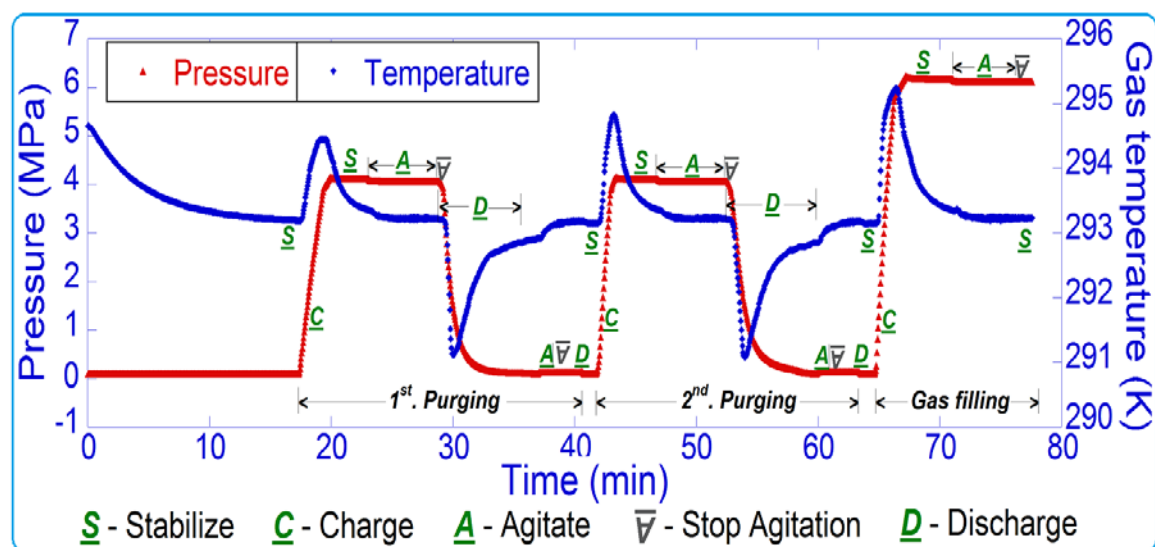
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399.87	56.81	5.681	15.35	288.50	741.95	0.8771	0.24654	0.02053	0.00022
399.92	56.81	5.681	15.35	288.50	741.95	0.8771	0.24654	0.02053	0.00013
399.97	56.81	5.681	15.34	288.49	739.68	0.8771	0.24655	0.02052	0.00013
400.02	56.81	5.681	15.33	288.48	739.68	0.8771	0.24656	0.02051	0.00017
400.07	56.80	5.680	15.33	288.48	739.68	0.8771	0.24652	0.02056	0.00043
400.12	56.80	5.680	15.34	288.49	739.68	0.8771	0.24651	0.02057	0.00048
400.17	56.79	5.679	15.34	288.49	739.68	0.8771	0.24646	0.02061	0.00026
400.22	56.79	5.679	15.34	288.49	739.68	0.8771	0.24646	0.02061	0.00022
400.27	56.79	5.679	15.34	288.49	739.68	0.8771	0.24646	0.02061	0.00022
400.32	56.79	5.679	15.34	288.49	739.68	0.8771	0.24646	0.02061	0.00022
400.37	56.78	5.678	15.34	288.49	739.68	0.8771	0.24642	0.02065	0.00022
400.42	56.78	5.678	15.34	288.49	739.68	0.8771	0.24642	0.02065	0.00026
400.47	56.78	5.678	15.34	288.49	741.63	0.8771	0.24642	0.02065	0.00026
400.52	56.78	5.678	15.35	288.50	741.63	0.8771	0.24641	0.02066	0.00026
400.57	56.77	5.677	15.35	288.50	741.63	0.8771	0.24637	0.02070	0.00026
400.62	56.77	5.677	15.35	288.50	741.63	0.8771	0.24637	0.02070	0.00043
400.67	56.77	5.677	15.35	288.50	741.63	0.8771	0.24637	0.02070	0.00022
400.72	56.76	5.676	15.35	288.50	741.63	0.8771	0.24632	0.02075	0.00022
400.77	56.76	5.676	15.35	288.50	741.63	0.8771	0.24632	0.02075	0.00017
400.82	56.76	5.676	15.35	288.50	741.63	0.8771	0.24632	0.02075	-0.00004
400.87	56.76	5.676	15.34	288.49	741.63	0.8771	0.24633	0.02074	-0.00004
400.92	56.76	5.676	15.34	288.49	741.63	0.8771	0.24633	0.02074	-0.00004
400.97	56.76	5.676	15.34	288.49	741.75	0.8771	0.24633	0.02074	0.00000
401.02	56.76	5.676	15.34	288.49	741.75	0.8771	0.24633	0.02074	0.00000
401.07	56.76	5.676	15.34	288.49	741.75	0.8771	0.24633	0.02074	0.00000
401.12	56.76	5.676	15.34	288.49	741.75	0.8771	0.24633	0.02074	0.00000
401.17	56.76	5.676	15.34	288.49	741.75	0.8771	0.24633	0.02074	0.00022
401.22	56.76	5.676	15.34	288.49	741.75	0.8771	0.24633	0.02074	0.00022
401.27	56.75	5.675	15.34	288.49	741.75	0.8771	0.24629	0.02078	0.00043
401.32	56.75	5.675	15.34	288.49	741.75	0.8771	0.24629	0.02078	0.00043
401.37	56.74	5.674	15.34	288.49	741.75	0.8771	0.24625	0.02083	0.00022
401.42	56.74	5.674	15.34	288.49	741.75	0.8771	0.24625	0.02083	0.00022
401.47	56.74	5.674	15.34	288.49	741.75	0.8771	0.24625	0.02083	0.00022
401.52	56.74	5.674	15.34	288.49	741.95	0.8771	0.24625	0.02083	0.00022
401.57	56.73	5.673	15.34	288.49	741.95	0.8771	0.24620	0.02087	0.00022
401.62	56.73	5.673	15.34	288.49	741.95	0.8771	0.24620	0.02087	0.00043
401.67	56.73	5.673	15.34	288.49	741.95	0.8771	0.24620	0.02087	0.00022
401.72	56.72	5.672	15.34	288.49	741.95	0.8771	0.24616	0.02091	0.00022
401.77	56.72	5.672	15.34	288.49	741.95	0.8771	0.24616	0.02091	0.00022
401.82	56.72	5.672	15.34	288.49	741.95	0.8771	0.24616	0.02091	0.00017
401.87	56.72	5.672	15.34	288.49	741.95	0.8771	0.24616	0.02091	0.00017
401.92	56.71	5.671	15.33	288.48	741.95	0.8771	0.24612	0.02095	0.00039
401.97	56.71	5.671	15.33	288.48	741.95	0.8771	0.24612	0.02095	0.00039
402.02	56.70	5.670	15.33	288.48	741.28	0.8771	0.24608	0.02099	0.00022
402.07	56.70	5.670	15.33	288.48	741.28	0.8771	0.24608	0.02099	0.00022
402.12	56.70	5.670	15.33	288.48	741.28	0.8771	0.24608	0.02099	0.00000
402.17	56.70	5.670	15.33	288.48	741.28	0.8771	0.24608	0.02099	0.00026
402.22	56.70	5.670	15.33	288.48	741.28	0.8771	0.24608	0.02099	0.00026
402.27	56.69	5.669	15.34	288.49	741.28	0.8771	0.24603	0.02104	0.00026
402.32	56.69	5.669	15.34	288.49	741.28	0.8771	0.24603	0.02104	0.00026
402.37	56.69	5.669	15.34	288.49	741.28	0.8771	0.24603	0.02104	-0.00004
402.42	56.69	5.669	15.34	288.49	741.28	0.8771	0.24603	0.02104	0.00017
402.47	56.69	5.669	15.33	288.48	741.28	0.8771	0.24604	0.02103	0.00017
402.52	56.68	5.668	15.33	288.48	739.83	0.8771	0.24599	0.02108	0.00017
402.57	56.68	5.668	15.33	288.48	739.83	0.8771	0.24599	0.02108	0.00026
402.62	56.68	5.668	15.33	288.48	739.83	0.8771	0.24599	0.02108	0.00026
402.67	56.68	5.668	15.34	288.49	739.83	0.8771	0.24599	0.02109	0.00026
402.72	56.67	5.667	15.34	288.49	739.83	0.8771	0.24594	0.02113	0.00026
402.77	56.67	5.667	15.34	288.49	739.83	0.8771	0.24594	0.02113	0.00057
402.82	56.67	5.667	15.34	288.49	739.83	0.8771	0.24594	0.02113	0.00036
402.87	56.66	5.666	15.34	288.49	739.83	0.8772	0.24587	0.02120	0.00036
402.92	56.66	5.666	15.34	288.49	739.83	0.8772	0.24587	0.02120	0.00031
402.97	56.66	5.666	15.34	288.49	739.83	0.8772	0.24587	0.02120	-0.00004
403.02	56.66	5.666	15.33	288.48	741.83	0.8772	0.24588	0.02119	0.00017
403.07	56.66	5.666	15.33	288.48	741.83	0.8772	0.24588	0.02119	0.00013
403.12	56.65	5.665	15.33	288.48	741.83	0.8772	0.24584	0.02124	0.00017
403.17	56.65	5.665	15.32	288.47	741.83	0.8772	0.24585	0.02123	0.00039
403.22	56.65	5.665	15.32	288.47	741.83	0.8772	0.24585	0.02123	0.00017
403.27	56.64	5.664	15.32	288.47	741.83	0.8772	0.24580	0.02127	0.00022
403.32	56.64	5.664	15.32	288.47	741.83	0.8772	0.24580	0.02127	0.00022

403.37	56.64	5.664	15.32	288.47	741.83	0.8772	0.24580	0.02127	0.00022
403.42	56.64	5.664	15.32	288.47	741.83	0.8772	0.24580	0.02127	0.00022
403.47	56.63	5.663	15.32	288.47	741.83	0.8772	0.24576	0.02131	0.00022
403.52	56.63	5.663	15.32	288.47	741.83	0.8772	0.24576	0.02131	0.00022
403.57	56.63	5.663	15.32	288.47	739.95	0.8772	0.24576	0.02131	0.00004
403.62	56.63	5.663	15.32	288.47	739.95	0.8772	0.24576	0.02131	0.00004
403.67	56.63	5.663	15.33	288.48	739.95	0.8772	0.24575	0.02132	0.00026
403.72	56.63	5.663	15.33	288.48	739.95	0.8772	0.24575	0.02132	0.00030
403.77	56.62	5.662	15.33	288.48	739.95	0.8772	0.24571	0.02137	0.00022
403.82	56.62	5.662	15.34	288.49	739.95	0.8772	0.24570	0.02138	0.00022
403.87	56.62	5.662	15.33	288.48	739.95	0.8772	0.24571	0.02137	0.00022
403.92	56.62	5.662	15.33	288.48	739.95	0.8772	0.24571	0.02137	0.00013
403.97	56.61	5.661	15.33	288.48	739.95	0.8772	0.24566	0.02141	0.00022
404.02	56.61	5.661	15.32	288.47	739.95	0.8772	0.24567	0.02140	0.00043
404.07	56.61	5.661	15.33	288.48	741.88	0.8772	0.24566	0.02141	0.00022
404.12	56.60	5.660	15.33	288.48	741.88	0.8772	0.24562	0.02145	0.00022
404.17	56.60	5.660	15.33	288.48	741.88	0.8772	0.24562	0.02145	0.00013
404.22	56.60	5.660	15.32	288.47	741.88	0.8772	0.24563	0.02144	-0.00009
404.27	56.60	5.660	15.31	288.46	741.88	0.8772	0.24564	0.02144	0.00013
404.32	56.60	5.660	15.31	288.46	741.88	0.8772	0.24564	0.02144	0.00026
404.37	56.59	5.659	15.31	288.46	741.88	0.8772	0.24559	0.02148	0.00052
404.42	56.59	5.659	15.33	288.48	741.88	0.8772	0.24558	0.02150	0.00052
404.47	56.58	5.658	15.33	288.48	741.88	0.8772	0.24553	0.02154	0.00030
404.52	56.58	5.658	15.33	288.48	741.88	0.8772	0.24553	0.02154	0.00017
404.57	56.58	5.658	15.33	288.48	739.80	0.8772	0.24553	0.02154	-0.00009
404.62	56.58	5.658	15.32	288.47	739.80	0.8772	0.24554	0.02153	0.00013
404.67	56.58	5.658	15.31	288.46	739.80	0.8772	0.24555	0.02152	0.00017
404.72	56.57	5.657	15.31	288.46	739.80	0.8772	0.24551	0.02157	0.00026
404.77	56.57	5.657	15.32	288.47	739.80	0.8772	0.24550	0.02158	0.00034
404.82	56.57	5.657	15.33	288.48	739.80	0.8772	0.24549	0.02158	0.00009
404.87	56.57	5.657	15.34	288.49	739.80	0.8772	0.24548	0.02159	0.00000
404.92	56.57	5.657	15.33	288.48	739.80	0.8772	0.24549	0.02158	-0.00013
404.97	56.57	5.657	15.32	288.47	739.80	0.8772	0.24550	0.02158	0.00026
405.02	56.57	5.657	15.30	288.45	739.80	0.8772	0.24551	0.02156	0.00031
405.07	56.55	5.655	15.30	288.45	739.95	0.8772	0.24543	0.02164	0.00039
405.12	56.55	5.655	15.30	288.45	739.95	0.8772	0.24543	0.02164	0.00048
405.17	56.55	5.655	15.31	288.46	739.95	0.8772	0.24542	0.02165	0.00009
405.22	56.55	5.655	15.31	288.46	739.95	0.8772	0.24542	0.02165	0.00009
405.27	56.55	5.655	15.32	288.47	739.95	0.8772	0.24541	0.02166	0.00000
405.32	56.55	5.655	15.32	288.47	739.95	0.8772	0.24541	0.02166	-0.00004
405.37	56.55	5.655	15.31	288.46	739.95	0.8772	0.24542	0.02165	0.00013
405.42	56.55	5.655	15.30	288.45	739.95	0.8772	0.24543	0.02164	0.00017
405.47	56.54	5.654	15.30	288.45	739.95	0.8772	0.24538	0.02169	0.00030
405.52	56.54	5.654	15.31	288.46	739.95	0.8772	0.24538	0.02170	0.00034
405.57	56.54	5.654	15.33	288.48	739.95	0.8772	0.24536	0.02171	0.00034
405.62	56.54	5.654	15.33	288.48	741.56	0.8772	0.24536	0.02171	0.00030
405.67	56.53	5.653	15.33	288.48	741.56	0.8772	0.24532	0.02176	0.00009
405.72	56.53	5.653	15.33	288.48	741.56	0.8772	0.24532	0.02176	0.00009
405.77	56.53	5.653	15.30	288.45	741.56	0.8772	0.24534	0.02173	0.00009
405.82	56.53	5.653	15.30	288.45	741.56	0.8772	0.24534	0.02173	0.00013
405.87	56.52	5.652	15.30	288.45	741.56	0.8772	0.24530	0.02178	0.00030
405.92	56.52	5.652	15.31	288.46	741.56	0.8772	0.24529	0.02178	0.00030
405.97	56.52	5.652	15.32	288.47	741.56	0.8772	0.24528	0.02179	0.00004
406.02	56.52	5.652	15.32	288.47	741.56	0.8772	0.24528	0.02179	0.00022
406.07	56.52	5.652	15.31	288.46	741.56	0.8772	0.24529	0.02178	0.00013
406.12	56.51	5.651	15.31	288.46	739.70	0.8772	0.24525	0.02183	0.00013
406.17	56.51	5.651	15.30	288.45	739.70	0.8772	0.24525	0.02182	0.00022
406.22	56.51	5.651	15.30	288.45	739.70	0.8772	0.24525	0.02182	0.00022
406.27	56.51	5.651	15.31	288.46	739.70	0.8772	0.24525	0.02183	0.00026
406.32	56.50	5.650	15.31	288.46	739.70	0.8772	0.24520	0.02187	0.00030
406.37	56.50	5.650	15.31	288.46	739.70	0.8772	0.24520	0.02187	0.00022
406.42	56.50	5.650	15.32	288.47	739.70	0.8772	0.24519	0.02188	-0.00004
406.47	56.50	5.650	15.31	288.46	739.70	0.8772	0.24520	0.02187	-0.00004
406.52	56.50	5.650	15.30	288.45	739.70	0.8772	0.24521	0.02186	-0.00009
406.57	56.50	5.650	15.30	288.45	739.70	0.8772	0.24521	0.02186	0.00017
406.62	56.50	5.650	15.30	288.45	741.93	0.8772	0.24521	0.02186	0.00053
406.67	56.49	5.649	15.30	288.45	741.93	0.8772	0.24517	0.02191	0.00053
406.72	56.49	5.649	15.34	288.49	741.93	0.8773	0.24511	0.02197	0.00053
406.77	56.49	5.649	15.34	288.49	741.93	0.8773	0.24511	0.02197	0.00044
406.82	56.49	5.649	15.34	288.49	741.93	0.8773	0.24511	0.02197	0.00000
406.87	56.48	5.648	15.32	288.47	741.93	0.8773	0.24508	0.02199	-0.00004
406.92	56.48	5.648	15.29	288.44	741.93	0.8773	0.24510	0.02197	-0.00004
406.97	56.48	5.648	15.28	288.43	741.93	0.8773	0.24511	0.02196	0.00009
407.02	56.48	5.648	15.28	288.43	741.93	0.8773	0.24511	0.02196	0.00030
407.07	56.47	5.647	15.29	288.44	741.93	0.8773	0.24506	0.02201	0.00034
407.12	56.47	5.647	15.31	288.46	739.95	0.8773	0.24504	0.02203	0.00034
407.17	56.47	5.647	15.31	288.46	739.95	0.8773	0.24504	0.02203	0.00004
407.22	56.47	5.647	15.31	288.46	739.95	0.8773	0.24504	0.02203	-0.00008
407.27	56.47	5.647	15.30	288.45	739.95	0.8773	0.24505	0.02202	0.00013
407.32	56.47	5.647	15.29	288.44	739.95	0.8773	0.24506	0.02201	0.00013
407.37	56.46	5.646	15.29	288.44	739.95	0.8773	0.24502	0.02205	0.00022
407.42	56.46	5.646	15.29	288.44	739.95	0.8773	0.24502	0.02205	0.00030
407.47	56.46	5.646	15.30	288.45	739.95	0.8773	0.24501	0.02206	0.00008
407.52	56.46	5.646	15.31	288.46	739.95	0.8773	0.24500	0.02207	0.00030

407.57	56.46	5.646	15.31	288.46	739.95	0.8773	0.24500	0.02207	0.00017
407.62	56.45	5.645	15.31	288.46	739.95	0.8773	0.24496	0.02212	0.00009
407.67	56.45	5.645	15.29	288.44	739.95	0.8773	0.24497	0.02210	0.00009
407.72	56.45	5.645	15.28	288.43	739.95	0.8773	0.24498	0.02209	-0.00013
407.77	56.45	5.645	15.28	288.43	739.95	0.8773	0.24498	0.02209	0.00022
407.82	56.45	5.645	15.28	288.43	739.95	0.8773	0.24498	0.02209	0.00034
407.87	56.44	5.644	15.29	288.44	739.95	0.8773	0.24493	0.02214	0.00034
407.92	56.44	5.644	15.31	288.46	739.95	0.8773	0.24491	0.02216	0.00034
407.97	56.44	5.644	15.31	288.46	739.95	0.8773	0.24491	0.02216	0.00004
408.02	56.44	5.644	15.31	288.46	739.95	0.8773	0.24491	0.02216	0.00013
408.07	56.44	5.644	15.30	288.45	739.95	0.8773	0.24492	0.02215	0.00013
408.12	56.43	5.643	15.29	288.44	739.95	0.8773	0.24489	0.02219	0.00013
408.17	56.43	5.643	15.29	288.44	741.93	0.8773	0.24489	0.02219	0.00022
408.22	56.43	5.643	15.29	288.44	741.93	0.8773	0.24489	0.02219	0.00030
408.27	56.43	5.643	15.30	288.45	741.93	0.8773	0.24488	0.02219	0.00030
408.32	56.42	5.642	15.31	288.46	741.93	0.8773	0.24483	0.02225	0.00026
408.37	56.42	5.642	15.31	288.46	741.93	0.8773	0.24483	0.02225	0.00013
408.42	56.42	5.642	15.30	288.45	741.93	0.8773	0.24484	0.02224	-0.00013
408.47	56.42	5.642	15.28	288.43	741.93	0.8773	0.24485	0.02222	0.00009
408.52	56.42	5.642	15.28	288.43	741.93	0.8773	0.24485	0.02222	0.00017
408.57	56.41	5.641	15.28	288.43	741.93	0.8773	0.24481	0.02226	0.00030
408.62	56.41	5.641	15.29	288.44	741.93	0.8773	0.24480	0.02227	0.00030
408.67	56.41	5.641	15.30	288.45	739.95	0.8773	0.24479	0.02228	0.00008
408.72	56.41	5.641	15.30	288.45	739.95	0.8773	0.24479	0.02228	0.00000
408.77	56.41	5.641	15.30	288.45	739.95	0.8773	0.24479	0.02228	-0.00008
408.82	56.41	5.641	15.29	288.44	739.95	0.8773	0.24480	0.02227	-0.00004
408.87	56.41	5.641	15.28	288.43	739.95	0.8773	0.24481	0.02226	-0.00004
408.92	56.41	5.641	15.29	288.44	739.95	0.8773	0.24480	0.02227	0.00022
408.97	56.41	5.641	15.29	288.44	739.95	0.8773	0.24480	0.02227	0.00026
409.02	56.40	5.640	15.29	288.44	739.95	0.8773	0.24476	0.02232	0.00022
409.07	56.40	5.640	15.29	288.44	739.95	0.8773	0.24476	0.02232	0.00043
409.12	56.40	5.640	15.29	288.44	739.95	0.8773	0.24476	0.02232	0.00017
409.17	56.39	5.639	15.29	288.44	739.95	0.8773	0.24471	0.02236	0.00017
409.22	56.39	5.639	15.28	288.43	741.31	0.8773	0.24472	0.02235	0.00022
409.27	56.39	5.639	15.28	288.43	741.31	0.8773	0.24472	0.02235	0.00000
409.32	56.39	5.639	15.29	288.44	741.31	0.8773	0.24471	0.02236	0.00008
409.37	56.39	5.639	15.29	288.44	741.31	0.8773	0.24471	0.02236	0.00030
409.42	56.39	5.639	15.30	288.45	741.31	0.8773	0.24471	0.02237	0.00022
409.47	56.38	5.638	15.30	288.45	741.31	0.8773	0.24466	0.02241	0.00017
409.52	56.38	5.638	15.29	288.44	741.31	0.8773	0.24467	0.02240	0.00013
409.57	56.38	5.638	15.28	288.43	741.31	0.8773	0.24468	0.02239	-0.00008
409.62	56.38	5.638	15.28	288.43	741.31	0.8773	0.24468	0.02239	0.00017
409.67	56.38	5.638	15.28	288.43	741.31	0.8773	0.24468	0.02239	0.00022
409.72	56.37	5.637	15.28	288.43	741.23	0.8773	0.24464	0.02244	0.00022
409.77	56.37	5.637	15.28	288.43	741.23	0.8773	0.24464	0.02244	0.00022
409.82	56.37	5.637	15.28	288.43	741.23	0.8773	0.24464	0.02244	0.00000
409.87	56.37	5.637	15.28	288.43	741.23	0.8773	0.24464	0.02244	0.00000
409.92	56.37	5.637	15.28	288.43	741.23	0.8773	0.24464	0.02244	0.00000
409.97	56.37	5.637	15.28	288.43	741.23	0.8773	0.24464	0.02244	0.00004
410.02	56.37	5.637	15.28	288.43	741.23	0.8773	0.24464	0.02244	0.00026
410.07	56.37	5.637	15.29	288.44	741.23	0.8773	0.24463	0.02245	0.00026
410.12	56.36	5.636	15.29	288.44	741.23	0.8773	0.24458	0.02249	0.00026
410.17	56.36	5.636	15.29	288.44	741.23	0.8773	0.24458	0.02249	0.00017
410.22	56.36	5.636	15.29	288.44	739.88	0.8773	0.24458	0.02249	-0.00004
410.27	56.36	5.636	15.28	288.43	739.88	0.8773	0.24459	0.02248	0.00017
410.32	56.36	5.636	15.28	288.43	739.88	0.8773	0.24459	0.02248	0.00017
410.37	56.35	5.635	15.28	288.43	739.88	0.8773	0.24455	0.02252	0.00022
410.42	56.35	5.635	15.28	288.43	739.88	0.8773	0.24455	0.02252	0.00022
410.47	56.35	5.635	15.28	288.43	739.88	0.8773	0.24455	0.02252	0.00000
410.52	56.35	5.635	15.28	288.43	739.88	0.8773	0.24455	0.02252	0.00022
410.57	56.35	5.635	15.28	288.43	739.88	0.8773	0.24455	0.02252	0.00017
410.62	56.34	5.634	15.28	288.43	739.88	0.8773	0.24451	0.02257	0.00017
410.67	56.34	5.634	15.27	288.42	739.88	0.8773	0.24451	0.02256	0.00017
410.72	56.34	5.634	15.27	288.42	741.80	0.8773	0.24451	0.02256	0.00000
410.77	56.34	5.634	15.27	288.42	741.80	0.8773	0.24451	0.02256	0.00008
410.82	56.34	5.634	15.28	288.43	741.80	0.8773	0.24451	0.02257	0.00030
410.87	56.34	5.634	15.29	288.44	741.80	0.8773	0.24450	0.02258	0.00030
410.92	56.33	5.633	15.29	288.44	741.80	0.8773	0.24445	0.02262	0.00017
410.97	56.33	5.633	15.29	288.44	741.80	0.8773	0.24445	0.02262	0.00013
411.02	56.33	5.633	15.27	288.42	741.80	0.8773	0.24447	0.02260	-0.00013
411.07	56.33	5.633	15.27	288.42	741.80	0.8773	0.24447	0.02260	-0.00008
411.12	56.33	5.633	15.26	288.41	741.80	0.8773	0.24448	0.02259	0.00026
411.17	56.33	5.633	15.27	288.42	741.80	0.8773	0.24447	0.02260	0.00026
411.22	56.32	5.632	15.28	288.43	741.80	0.8773	0.24442	0.02265	0.00030
411.27	56.32	5.632	15.28	288.43	739.95	0.8773	0.24442	0.02265	0.00022
411.32	56.32	5.632	15.28	288.43	739.95	0.8773	0.24442	0.02265	-0.00004
411.37	56.32	5.632	15.27	288.42	739.95	0.8773	0.24443	0.02265	0.00017
411.42	56.32	5.632	15.27	288.42	739.95	0.8773	0.24443	0.02265	0.00017
411.47	56.31	5.631	15.27	288.42	739.95	0.8773	0.24438	0.02269	0.00022
411.52	56.31	5.631	15.27	288.42	739.95	0.8773	0.24438	0.02269	0.00022
411.57	56.31	5.631	15.27	288.42	739.95	0.8773	0.24438	0.02269	0.00000
411.62	56.31	5.631	15.27	288.42	739.95	0.8773	0.24438	0.02269	0.00022
411.67	56.31	5.631	15.27	288.42	739.95	0.8773	0.24438	0.02269	0.00017
411.72	56.30	5.630	15.27	288.42	739.95	0.8773	0.24434	0.02273	0.00017

411.77	56.30	5.630	15.26	288.41	739.93	0.8773	0.24435	0.02272	0.00017
411.82	56.30	5.630	15.26	288.41	739.93	0.8773	0.24435	0.02272	0.00000
411.87	56.30	5.630	15.26	288.41	739.93	0.8773	0.24435	0.02272	0.00026
411.92	56.30	5.630	15.27	288.42	739.93	0.8773	0.24434	0.02273	0.00026
411.97	56.29	5.629	15.27	288.42	739.93	0.8773	0.24430	0.02278	0.00026
412.02	56.29	5.629	15.27	288.42	739.93	0.8773	0.24430	0.02278	0.00022
412.07	56.29	5.629	15.27	288.42	739.93	0.8773	0.24430	0.02278	0.00000
412.12	56.29	5.629	15.27	288.42	739.93	0.8773	0.24430	0.02278	0.00022
412.17	56.29	5.629	15.27	288.42	739.93	0.8773	0.24430	0.02278	0.00022
412.22	56.28	5.628	15.27	288.42	739.93	0.8773	0.24425	0.02282	0.00022
412.27	56.28	5.628	15.27	288.42	741.78	0.8773	0.24425	0.02282	0.00022
412.32	56.28	5.628	15.27	288.42	741.78	0.8773	0.24425	0.02282	0.00000
412.37	56.28	5.628	15.27	288.42	741.78	0.8773	0.24425	0.02282	0.00000
412.42	56.28	5.628	15.27	288.42	741.78	0.8773	0.24425	0.02282	0.00000
412.47	56.28	5.628	15.27	288.42	741.78	0.8773	0.24425	0.02282	0.00000
412.52	56.28	5.628	15.27	288.42	741.78	0.8773	0.24425	0.02282	0.00022
412.57	56.28	5.628	15.27	288.42	741.78	0.8773	0.24425	0.02282	0.00022
412.62	56.27	5.627	15.27	288.42	741.78	0.8773	0.24421	0.02286	0.00022
412.67	56.27	5.627	15.27	288.42	741.78	0.8773	0.24421	0.02286	0.00017
412.72	56.27	5.627	15.27	288.42	741.78	0.8773	0.24421	0.02286	0.00013
412.77	56.27	5.627	15.26	288.41	739.95	0.8773	0.24422	0.02285	0.00013
412.82	56.26	5.626	15.25	288.40	739.95	0.8773	0.24418	0.02289	0.00013
412.87	56.26	5.626	15.25	288.40	739.95	0.8773	0.24418	0.02289	0.00022
412.92	56.26	5.626	15.25	288.40	739.95	0.8773	0.24418	0.02289	0.00004
412.97	56.26	5.626	15.26	288.41	739.95	0.8773	0.24418	0.02290	0.00004
413.02	56.26	5.626	15.26	288.41	739.95	0.8773	0.24418	0.02290	0.00004
413.07	56.26	5.626	15.26	288.41	739.95	0.8773	0.24418	0.02290	0.00000
413.12	56.26	5.626	15.26	288.41	739.95	0.8773	0.24418	0.02290	0.00017
413.17	56.26	5.626	15.26	288.41	739.95	0.8773	0.24418	0.02290	0.00017
413.22	56.25	5.625	15.25	288.40	739.95	0.8773	0.24414	0.02293	0.00022
413.27	56.25	5.625	15.25	288.40	739.95	0.8773	0.24414	0.02293	0.00022
413.32	56.25	5.625	15.26	288.41	741.58	0.8773	0.24413	0.02294	0.00004
413.37	56.25	5.625	15.26	288.41	741.58	0.8773	0.24413	0.02294	0.00004
413.42	56.25	5.625	15.26	288.41	741.58	0.8773	0.24413	0.02294	0.00017
413.47	56.25	5.625	15.26	288.41	741.58	0.8773	0.24413	0.02294	0.00000
413.52	56.24	5.624	15.25	288.40	741.58	0.8773	0.24410	0.02298	0.00000

II. SNG2 gas dissolution data



Experimental P-T profiles during purging, gas filling & stirring in SNG2 gas dissolution test
(Data follows from next page)

Time (min)	Pressure (bar)	Temp-gas (° C)	Temp-gas (K)
0.05	1.01	21.5	294.65
0.1	1.01	21.49	294.64
0.15	1.01	21.49	294.64
0.2	1.01	21.48	294.63
0.25	1.01	21.47	294.62
0.3	1.01	21.47	294.62
0.35	1.01	21.46	294.61
0.4	1.01	21.44	294.59
0.45	1.01	21.42	294.57
0.5	1.01	21.41	294.56
0.55	1.01	21.39	294.54
0.6	1.01	21.38	294.53
0.65	1.01	21.36	294.51
0.7	1.01	21.35	294.5
0.75	1.01	21.34	294.49
0.8	1.01	21.32	294.47
0.85	1.01	21.3	294.45
0.9	1.01	21.29	294.44
0.95	1.01	21.27	294.42
1	1.01	21.26	294.41
1.05	1.01	21.25	294.4
1.1	1.01	21.24	294.39
1.15	1.01	21.22	294.37
1.2	1.01	21.2	294.35
1.25	1.01	21.19	294.34
1.3	1.01	21.17	294.32
1.35	1.01	21.16	294.31
1.4	1.01	21.15	294.3
1.45	1.01	21.14	294.29
1.5	1.01	21.13	294.28
1.55	1.01	21.11	294.26
1.6	1.01	21.1	294.25
1.65	1.01	21.08	294.23
1.7	1.01	21.07	294.22
1.75	1.01	21.06	294.21
1.8	1.01	21.05	294.2
1.85	1.01	21.04	294.19
1.9	1.01	21.02	294.17
1.95	1.01	21.01	294.16
2	1.01	21	294.15

2.05	1.01	20.99	294.14
2.1	1.01	20.98	294.13
2.15	1.01	20.97	294.12
2.2	1.01	20.95	294.1
2.25	1.01	20.95	294.1
2.3	1.01	20.94	294.09
2.35	1.01	20.92	294.07
2.4	1.01	20.91	294.06
2.45	1.01	20.9	294.05
2.5	1.01	20.89	294.04
2.55	1.01	20.88	294.03
2.6	1.01	20.87	294.02
2.65	1.01	20.86	294.01
2.7	1.01	20.85	294
2.75	1.01	20.84	293.99
2.8	1.01	20.83	293.98
2.85	1.01	20.82	293.97
2.9	1.01	20.81	293.96
2.95	1.01	20.8	293.95
3	1.01	20.8	293.95
3.05	1.01	20.79	293.94
3.1	1.01	20.78	293.93
3.15	1.01	20.77	293.92
3.2	1.01	20.76	293.91
3.25	1.01	20.75	293.9
3.3	1.01	20.74	293.89
3.35	1.01	20.73	293.88
3.4	1.01	20.73	293.88
3.45	1.01	20.72	293.87
3.5	1.01	20.71	293.86
3.55	1.01	20.7	293.85
3.6	1.01	20.69	293.84
3.65	1.01	20.68	293.83
3.7	1.01	20.68	293.83
3.75	1.01	20.67	293.82
3.8	1.01	20.66	293.81
3.85	1.01	20.66	293.81
3.9	1.01	20.65	293.8
3.95	1.01	20.64	293.79
4	1.01	20.64	293.79
4.05	1.01	20.63	293.78

4. 1	1. 01	20. 62	293. 77
4. 15	1. 01	20. 62	293. 77
4. 2	1. 01	20. 61	293. 76
4. 25	1. 01	20. 6	293. 75
4. 3	1. 01	20. 6	293. 75
4. 35	1. 01	20. 59	293. 74
4. 4	1. 01	20. 58	293. 73
4. 45	1. 01	20. 58	293. 73
4. 5	1. 01	20. 57	293. 72
4. 55	1. 01	20. 57	293. 72
4. 6	1. 01	20. 56	293. 71
4. 65	1. 01	20. 55	293. 7
4. 7	1. 01	20. 55	293. 7
4. 75	1. 01	20. 54	293. 69
4. 8	1. 01	20. 53	293. 68
4. 85	1. 01	20. 53	293. 68
4. 9	1. 01	20. 52	293. 67
4. 95	1. 01	20. 52	293. 67
5	1. 01	20. 51	293. 66
5. 05	1. 01	20. 51	293. 66
5. 1	1. 01	20. 5	293. 65
5. 15	1. 01	20. 5	293. 65
5. 2	1. 01	20. 49	293. 64
5. 25	1. 01	20. 48	293. 63
5. 3	1. 01	20. 48	293. 63
5. 35	1. 01	20. 48	293. 63
5. 4	1. 01	20. 47	293. 62
5. 45	1. 01	20. 47	293. 62
5. 5	1. 01	20. 46	293. 61
5. 55	1. 01	20. 45	293. 6
5. 6	1. 01	20. 45	293. 6
5. 65	1. 01	20. 44	293. 59
5. 7	1. 01	20. 44	293. 59
5. 75	1. 01	20. 43	293. 58
5. 8	1. 01	20. 43	293. 58
5. 85	1. 01	20. 43	293. 58
5. 9	1. 01	20. 42	293. 57
5. 95	1. 01	20. 42	293. 57
6	1. 01	20. 41	293. 56
6. 05	1. 01	20. 41	293. 56
6. 1	1. 01	20. 4	293. 55

6.15	1.01	20.4	293.55
6.2	1.01	20.4	293.55
6.25	1.01	20.39	293.54
6.3	1.01	20.39	293.54
6.35	1.01	20.38	293.53
6.4	1.01	20.38	293.53
6.45	1.01	20.38	293.53
6.5	1.01	20.37	293.52
6.55	1.01	20.37	293.52
6.6	1.01	20.36	293.51
6.65	1.01	20.36	293.51
6.7	1.01	20.36	293.51
6.75	1.01	20.35	293.5
6.8	1.01	20.35	293.5
6.85	1.01	20.35	293.5
6.9	1.01	20.34	293.49
6.95	1.01	20.34	293.49
7	1.01	20.34	293.49
7.05	1.01	20.33	293.48
7.1	1.01	20.33	293.48
7.15	1.01	20.32	293.47
7.2	1.01	20.32	293.47
7.25	1.01	20.32	293.47
7.3	1.01	20.32	293.47
7.35	1.01	20.31	293.46
7.4	1.01	20.31	293.46
7.45	1.01	20.31	293.46
7.5	1.01	20.3	293.45
7.55	1.01	20.3	293.45
7.6	1.01	20.3	293.45
7.65	1.01	20.29	293.44
7.7	1.01	20.29	293.44
7.75	1.01	20.29	293.44
7.8	1.01	20.29	293.44
7.85	1.01	20.28	293.43
7.9	1.01	20.28	293.43
7.95	1.01	20.27	293.42
8	1.01	20.27	293.42
8.05	1.01	20.27	293.42
8.1	1.01	20.27	293.42
8.15	1.01	20.26	293.41

8.2	1.01	20.26	293.41
8.25	1.01	20.26	293.41
8.3	1.01	20.25	293.4
8.35	1.01	20.25	293.4
8.4	1.01	20.25	293.4
8.45	1.01	20.25	293.4
8.5	1.01	20.25	293.4
8.55	1.01	20.24	293.39
8.6	1.01	20.24	293.39
8.65	1.01	20.24	293.39
8.7	1.01	20.24	293.39
8.75	1.01	20.23	293.38
8.8	1.01	20.23	293.38
8.85	1.01	20.23	293.38
8.9	1.01	20.23	293.38
8.95	1.01	20.23	293.38
9	1.01	20.22	293.37
9.05	1.01	20.22	293.37
9.1	1.01	20.22	293.37
9.15	1.01	20.22	293.37
9.2	1.01	20.21	293.36
9.25	1.01	20.21	293.36
9.3	1.01	20.21	293.36
9.35	1.01	20.2	293.35
9.4	1.01	20.2	293.35
9.45	1.01	20.2	293.35
9.5	1.01	20.2	293.35
9.55	1.01	20.2	293.35
9.6	1.01	20.2	293.35
9.65	1.01	20.19	293.34
9.7	1.01	20.19	293.34
9.75	1.01	20.19	293.34
9.8	1.01	20.19	293.34
9.85	1.01	20.19	293.34
9.9	1.01	20.19	293.34
9.95	1.01	20.18	293.33
10	1.01	20.18	293.33
10.05	1.01	20.18	293.33
10.1	1.01	20.18	293.33
10.15	1.01	20.18	293.33
10.2	1.01	20.18	293.33

10.25	1.01	20.17	293.32
10.3	1.01	20.17	293.32
10.35	1.01	20.17	293.32
10.4	1.01	20.17	293.32
10.45	1.01	20.17	293.32
10.5	1.01	20.17	293.32
10.55	1.01	20.17	293.32
10.6	1.01	20.16	293.31
10.65	1.01	20.16	293.31
10.7	1.01	20.16	293.31
10.75	1.01	20.16	293.31
10.8	1.01	20.16	293.31
10.85	1.01	20.15	293.3
10.9	1.01	20.15	293.3
10.95	1.01	20.15	293.3
11	1.01	20.15	293.3
11.05	1.01	20.15	293.3
11.1	1.01	20.15	293.3
11.15	1.01	20.14	293.29
11.2	1.01	20.14	293.29
11.25	1.01	20.14	293.29
11.3	1.01	20.14	293.29
11.35	1.01	20.14	293.29
11.4	1.01	20.14	293.29
11.45	1.01	20.13	293.28
11.5	1.01	20.13	293.28
11.55	1.01	20.13	293.28
11.6	1.01	20.13	293.28
11.65	1.01	20.13	293.28
11.7	1.01	20.13	293.28
11.75	1.01	20.13	293.28
11.8	1.01	20.13	293.28
11.85	1.01	20.13	293.28
11.9	1.01	20.12	293.27
11.95	1.01	20.12	293.27
12	1.01	20.12	293.27
12.05	1.01	20.12	293.27
12.1	1.01	20.12	293.27
12.15	1.01	20.12	293.27
12.2	1.01	20.12	293.27
12.25	1.01	20.12	293.27

12. 3	1. 01	20. 12	293. 27
12. 35	1. 01	20. 12	293. 27
12. 4	1. 01	20. 11	293. 26
12. 45	1. 01	20. 11	293. 26
12. 5	1. 01	20. 11	293. 26
12. 55	1. 01	20. 11	293. 26
12. 6	1. 01	20. 11	293. 26
12. 65	1. 01	20. 11	293. 26
12. 7	1. 01	20. 1	293. 25
12. 75	1. 01	20. 1	293. 25
12. 8	1. 01	20. 1	293. 25
12. 85	1. 01	20. 1	293. 25
12. 9	1. 01	20. 1	293. 25
12. 95	1. 01	20. 1	293. 25
13	1. 01	20. 1	293. 25
13. 05	1. 01	20. 1	293. 25
13. 1	1. 01	20. 1	293. 25
13. 15	1. 01	20. 1	293. 25
13. 2	1. 01	20. 1	293. 25
13. 25	1. 01	20. 09	293. 24
13. 3	1. 01	20. 09	293. 24
13. 35	1. 01	20. 09	293. 24
13. 4	1. 01	20. 09	293. 24
13. 45	1. 01	20. 09	293. 24
13. 5	1. 01	20. 09	293. 24
13. 55	1. 01	20. 09	293. 24
13. 6	1. 01	20. 09	293. 24
13. 65	1. 01	20. 08	293. 23
13. 7	1. 01	20. 08	293. 23
13. 75	1. 01	20. 08	293. 23
13. 8	1. 01	20. 08	293. 23
13. 85	1. 01	20. 08	293. 23
13. 9	1. 01	20. 08	293. 23
13. 95	1. 01	20. 08	293. 23
14	1. 01	20. 08	293. 23
14. 05	1. 01	20. 08	293. 23
14. 1	1. 01	20. 08	293. 23
14. 15	1. 01	20. 08	293. 23
14. 2	1. 01	20. 08	293. 23
14. 25	1. 01	20. 08	293. 23
14. 3	1. 01	20. 07	293. 22

14.35	1.01	20.08	293.23
14.4	1.01	20.07	293.22
14.45	1.01	20.07	293.22
14.5	1.01	20.07	293.22
14.55	1.01	20.07	293.22
14.6	1.01	20.07	293.22
14.65	1.01	20.07	293.22
14.7	1.01	20.07	293.22
14.75	1.01	20.07	293.22
14.8	1.01	20.07	293.22
14.85	1.01	20.07	293.22
14.9	1.01	20.07	293.22
14.95	1.01	20.07	293.22
15	1.01	20.07	293.22
15.05	1.01	20.07	293.22
15.1	1.01	20.07	293.22
15.15	1.01	20.07	293.22
15.2	1.01	20.07	293.22
15.25	1.01	20.07	293.22
15.3	1.01	20.06	293.21
15.35	1.01	20.06	293.21
15.4	1.01	20.06	293.21
15.45	1.01	20.06	293.21
15.5	1.01	20.06	293.21
15.55	1.01	20.06	293.21
15.6	1.01	20.06	293.21
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15.7	1.01	20.06	293.21
15.75	1.01	20.06	293.21
15.8	1.01	20.06	293.21
15.85	1.01	20.06	293.21
15.9	1.01	20.06	293.21
15.95	1.01	20.05	293.2
16	1.01	20.05	293.2
16.05	1.01	20.05	293.2
16.1	1.01	20.05	293.2
16.15	1.01	20.05	293.2
16.2	1.01	20.05	293.2
16.25	1.01	20.05	293.2
16.3	1.01	20.05	293.2
16.35	1.01	20.05	293.2

16.4	1.01	20.05	293.2
16.45	1.01	20.05	293.2
16.5	1.01	20.05	293.2
16.55	1.01	20.05	293.2
16.6	1.01	20.05	293.2
16.65	1.01	20.05	293.2
16.7	1.01	20.05	293.2
16.75	1.01	20.05	293.2
16.8	1.01	20.05	293.2
16.85	1.01	20.05	293.2
16.9	1.01	20.05	293.2
16.95	1.01	20.05	293.2
17	1.01	20.05	293.2
17.05	1.01	20.04	293.19
17.1	1.01	20.05	293.2
17.15	1.01	20.04	293.19
17.2	1.01	20.04	293.19
17.25	1.01	20.04	293.19
17.3	1.01	20.04	293.19
17.35	1.02	20.04	293.19
17.4	1.26	20.04	293.19
17.45	2.15	20.04	293.19
17.5	3.13	20.04	293.19
17.55	4.24	20.05	293.2
17.6	5.28	20.06	293.21
17.65	6.33	20.09	293.24
17.7	7.4	20.15	293.3
17.75	8.47	20.2	293.35
17.8	9.64	20.26	293.41
17.85	10.69	20.31	293.46
17.9	11.75	20.4	293.55
17.95	12.78	20.46	293.61
18	13.81	20.52	293.67
18.05	14.93	20.58	293.73
18.1	15.93	20.64	293.79
18.15	16.93	20.69	293.84
18.2	17.91	20.74	293.89
18.25	18.97	20.82	293.97
18.3	19.93	20.86	294.01
18.35	20.88	20.9	294.05
18.4	21.82	20.94	294.09

18.45	22.75	20.97	294.12
18.5	23.75	21	294.15
18.55	24.66	21.03	294.18
18.6	25.56	21.06	294.21
18.65	26.46	21.1	294.25
18.7	27.34	21.13	294.28
18.75	28.29	21.16	294.31
18.8	29.16	21.19	294.34
18.85	30.01	21.22	294.37
18.9	30.86	21.24	294.39
18.95	31.7	21.26	294.41
19	32.61	21.27	294.42
19.05	33.43	21.29	294.44
19.1	34.25	21.3	294.45
19.15	35.1	21.3	294.45
19.2	35.96	21.3	294.45
19.25	36.91	21.3	294.45
19.3	37.77	21.3	294.45
19.35	38.62	21.3	294.45
19.4	39.4	21.3	294.45
19.45	39.52	21.3	294.45
19.5	39.69	21.3	294.45
19.55	39.87	21.3	294.45
19.6	40.07	21.3	294.45
19.65	40.28	21.29	294.44
19.7	40.49	21.26	294.41
19.75	40.73	21.22	294.37
19.8	40.95	21.18	294.33
19.85	41.17	21.12	294.27
19.9	41.39	21.09	294.24
19.95	41.46	21.06	294.21
20	41.4	21.03	294.18
20.05	41.36	21	294.15
20.1	41.33	20.97	294.12
20.15	41.3	20.95	294.1
20.2	41.28	20.92	294.07
20.25	41.27	20.87	294.02
20.3	41.26	20.83	293.98
20.35	41.25	20.8	293.95
20.4	41.24	20.77	293.92
20.45	41.24	20.74	293.89

20. 5	41. 23	20. 71	293. 86
20. 55	41. 22	20. 68	293. 83
20. 6	41. 22	20. 65	293. 8
20. 65	41. 22	20. 62	293. 77
20. 7	41. 21	20. 59	293. 74
20. 75	41. 21	20. 58	293. 73
20. 8	41. 21	20. 56	293. 71
20. 85	41. 2	20. 54	293. 69
20. 9	41. 2	20. 52	293. 67
20. 95	41. 2	20. 5	293. 65
21	41. 19	20. 49	293. 64
21. 05	41. 19	20. 47	293. 62
21. 1	41. 19	20. 46	293. 61
21. 15	41. 19	20. 44	293. 59
21. 2	41. 18	20. 43	293. 58
21. 25	41. 18	20. 42	293. 57
21. 3	41. 18	20. 41	293. 56
21. 35	41. 18	20. 4	293. 55
21. 4	41. 18	20. 39	293. 54
21. 45	41. 17	20. 37	293. 52
21. 5	41. 17	20. 36	293. 51
21. 55	41. 17	20. 35	293. 5
21. 6	41. 17	20. 35	293. 5
21. 65	41. 17	20. 34	293. 49
21. 7	41. 17	20. 33	293. 48
21. 75	41. 16	20. 32	293. 47
21. 8	41. 16	20. 32	293. 47
21. 85	41. 16	20. 31	293. 46
21. 9	41. 16	20. 3	293. 45
21. 95	41. 16	20. 3	293. 45
22	41. 16	20. 29	293. 44
22. 05	41. 16	20. 29	293. 44
22. 1	41. 16	20. 28	293. 43
22. 15	41. 16	20. 28	293. 43
22. 2	41. 16	20. 27	293. 42
22. 25	41. 16	20. 26	293. 41
22. 3	41. 15	20. 26	293. 41
22. 35	41. 15	20. 26	293. 41
22. 4	41. 15	20. 26	293. 41
22. 45	41. 15	20. 25	293. 4
22. 5	41. 15	20. 25	293. 4

22.55	41.15	20.24	293.39
22.6	41.15	20.24	293.39
22.65	41.15	20.23	293.38
22.7	41.15	20.23	293.38
22.75	41.15	20.23	293.38
22.8	41.15	20.22	293.37
22.85	41.15	20.22	293.37
22.9	41.14	20.22	293.37
22.95	41.15	20.21	293.36
23	41.14	20.21	293.36
23.05	41.14	20.2	293.35
23.1	41.06	20.2	293.35
23.15	40.92	20.2	293.35
23.2	40.84	20.19	293.34
23.25	40.78	20.19	293.34
23.3	40.75	20.19	293.34
23.35	40.72	20.18	293.33
23.4	40.71	20.18	293.33
23.45	40.69	20.17	293.32
23.5	40.69	20.17	293.32
23.55	40.68	20.15	293.3
23.6	40.68	20.15	293.3
23.65	40.67	20.13	293.28
23.7	40.67	20.12	293.27
23.75	40.67	20.13	293.28
23.8	40.67	20.11	293.26
23.85	40.67	20.1	293.25
23.9	40.67	20.13	293.28
23.95	40.67	20.1	293.25
24	40.67	20.11	293.26
24.05	40.67	20.11	293.26
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24.25	40.66	20.09	293.24
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24.4	40.66	20.09	293.24
24.45	40.66	20.09	293.24
24.5	40.66	20.09	293.24
24.55	40.66	20.09	293.24

24. 6	40. 66	20. 09	293. 24
24. 65	40. 66	20. 08	293. 23
24. 7	40. 66	20. 09	293. 24
24. 75	40. 66	20. 08	293. 23
24. 8	40. 66	20. 08	293. 23
24. 85	40. 66	20. 08	293. 23
24. 9	40. 66	20. 08	293. 23
24. 95	40. 66	20. 08	293. 23
25	40. 66	20. 08	293. 23
25. 05	40. 66	20. 08	293. 23
25. 1	40. 66	20. 07	293. 22
25. 15	40. 66	20. 08	293. 23
25. 2	40. 66	20. 07	293. 22
25. 25	40. 66	20. 07	293. 22
25. 3	40. 66	20. 07	293. 22
25. 35	40. 66	20. 08	293. 23
25. 4	40. 66	20. 06	293. 21
25. 45	40. 66	20. 07	293. 22
25. 5	40. 66	20. 06	293. 21
25. 55	40. 66	20. 08	293. 23
25. 6	40. 66	20. 06	293. 21
25. 65	40. 66	20. 08	293. 23
25. 7	40. 66	20. 06	293. 21
25. 75	40. 66	20. 08	293. 23
25. 8	40. 66	20. 07	293. 22
25. 85	40. 66	20. 07	293. 22
25. 9	40. 66	20. 07	293. 22
25. 95	40. 66	20. 08	293. 23
26	40. 66	20. 06	293. 21
26. 05	40. 66	20. 08	293. 23
26. 1	40. 66	20. 06	293. 21
26. 15	40. 66	20. 08	293. 23
26. 2	40. 66	20. 07	293. 22
26. 25	40. 66	20. 07	293. 22
26. 3	40. 66	20. 07	293. 22
26. 35	40. 66	20. 08	293. 23
26. 4	40. 66	20. 06	293. 21
26. 45	40. 66	20. 08	293. 23
26. 5	40. 66	20. 05	293. 2
26. 55	40. 66	20. 09	293. 24
26. 6	40. 66	20. 06	293. 21

26.65	40.66	20.08	293.23
26.7	40.66	20.06	293.21
26.75	40.66	20.09	293.24
26.8	40.66	20.05	293.2
26.85	40.66	20.09	293.24
26.9	40.66	20.06	293.21
26.95	40.66	20.08	293.23
27	40.66	20.06	293.21
27.05	40.66	20.09	293.24
27.1	40.66	20.05	293.2
27.15	40.66	20.09	293.24
27.2	40.66	20.07	293.22
27.25	40.66	20.08	293.23
27.3	40.66	20.07	293.22
27.35	40.66	20.07	293.22
27.4	40.66	20.07	293.22
27.45	40.66	20.08	293.23
27.5	40.66	20.07	293.22
27.55	40.66	20.06	293.21
27.6	40.66	20.08	293.23
27.65	40.66	20.06	293.21
27.7	40.66	20.09	293.24
27.75	40.66	20.06	293.21
27.8	40.66	20.09	293.24
27.85	40.66	20.06	293.21
27.9	40.66	20.09	293.24
27.95	40.66	20.07	293.22
28	40.66	20.08	293.23
28.05	40.66	20.08	293.23
28.1	40.66	20.07	293.22
28.15	40.66	20.07	293.22
28.2	40.65	20.07	293.22
28.25	40.66	20.07	293.22
28.3	40.65	20.07	293.22
28.35	40.65	20.07	293.22
28.4	40.65	20.07	293.22
28.45	40.65	20.07	293.22
28.5	40.65	20.07	293.22
28.55	40.65	20.07	293.22
28.6	40.65	20.07	293.22
28.65	40.65	20.07	293.22

28.7	40.65	20.07	293.22
28.75	40.65	20.07	293.22
28.8	40.65	20.07	293.22
28.85	40.65	20.06	293.21
28.9	40.63	20.06	293.21
28.95	40.58	20.06	293.21
29	40.5	20.06	293.21
29.05	40.36	20.06	293.21
29.1	40.13	20.06	293.21
29.15	39.8	20.06	293.21
29.2	39.35	20.05	293.2
29.25	38.42	20.05	293.2
29.3	37.12	20.04	293.19
29.35	34.21	20.02	293.17
29.4	31.81	19.98	293.13
29.45	29.79	19.92	293.07
29.5	27.78	19.83	292.98
29.55	26.1	19.67	292.82
29.6	24.54	19.44	292.59
29.65	23.1	19.16	292.31
29.7	21.63	18.9	292.05
29.75	20.39	18.66	291.81
29.8	19.23	18.37	291.52
29.85	18.14	18.21	291.36
29.9	17.13	18.07	291.22
29.95	16.1	17.98	291.13
30	15.22	17.97	291.12
30.05	14.4	17.97	291.12
30.1	13.63	17.97	291.12
30.15	12.91	18	291.15
30.2	12.18	18.01	291.16
30.25	11.54	18.03	291.18
30.3	10.96	18.04	291.19
30.35	10.4	18.06	291.21
30.4	9.79	18.09	291.24
30.45	9.35	18.12	291.27
30.5	8.9	18.15	291.3
30.55	8.47	18.21	291.36
30.6	8.07	18.25	291.4
30.65	7.69	18.29	291.44
30.7	7.3	18.33	291.48

30.75	6.97	18.37	291.52
30.8	6.65	18.41	291.56
30.85	6.36	18.44	291.59
30.9	6.08	18.47	291.62
30.95	5.8	18.52	291.67
31	5.55	18.55	291.7
31.05	5.32	18.58	291.73
31.1	5.1	18.62	291.77
31.15	4.89	18.66	291.81
31.2	4.68	18.69	291.84
31.25	4.49	18.73	291.88
31.3	4.32	18.77	291.92
31.35	4.15	18.82	291.97
31.4	4	18.85	292
31.45	3.82	18.89	292.04
31.5	3.69	18.92	292.07
31.55	3.56	18.95	292.1
31.6	3.44	18.98	292.13
31.65	3.32	19	292.15
31.7	3.19	19.03	292.18
31.75	3.09	19.06	292.21
31.8	2.99	19.08	292.23
31.85	2.89	19.1	292.25
31.9	2.79	19.13	292.28
31.95	2.71	19.15	292.3
32	2.63	19.16	292.31
32.05	2.55	19.18	292.33
32.1	2.48	19.2	292.35
32.15	2.4	19.23	292.38
32.2	2.34	19.25	292.4
32.25	2.28	19.27	292.42
32.3	2.22	19.29	292.44
32.35	2.16	19.31	292.46
32.4	2.1	19.33	292.48
32.45	2.05	19.35	292.5
32.5	2	19.37	292.52
32.55	1.96	19.39	292.54
32.6	1.92	19.4	292.55
32.65	1.88	19.42	292.57
32.7	1.84	19.43	292.58
32.75	1.8	19.44	292.59

32.8	1.77	19.46	292.61
32.85	1.74	19.47	292.62
32.9	1.7	19.48	292.63
32.95	1.67	19.49	292.64
33	1.65	19.5	292.65
33.05	1.62	19.51	292.66
33.1	1.6	19.52	292.67
33.15	1.57	19.52	292.67
33.2	1.55	19.53	292.68
33.25	1.53	19.53	292.68
33.3	1.5	19.53	292.68
33.35	1.49	19.54	292.69
33.4	1.47	19.54	292.69
33.45	1.45	19.55	292.7
33.5	1.43	19.55	292.7
33.55	1.41	19.55	292.7
33.6	1.4	19.56	292.71
33.65	1.38	19.56	292.71
33.7	1.37	19.56	292.71
33.75	1.36	19.57	292.72
33.8	1.35	19.57	292.72
33.85	1.33	19.58	292.73
33.9	1.32	19.58	292.73
33.95	1.31	19.59	292.74
34	1.3	19.59	292.74
34.05	1.29	19.6	292.75
34.1	1.28	19.61	292.76
34.15	1.27	19.61	292.76
34.2	1.26	19.62	292.77
34.25	1.26	19.62	292.77
34.3	1.25	19.62	292.77
34.35	1.24	19.62	292.77
34.4	1.23	19.62	292.77
34.45	1.22	19.62	292.77
34.5	1.22	19.63	292.78
34.55	1.21	19.64	292.79
34.6	1.21	19.65	292.8
34.65	1.2	19.65	292.8
34.7	1.19	19.65	292.8
34.75	1.19	19.66	292.81
34.8	1.18	19.66	292.81

34.85	1.18	19.67	292.82
34.9	1.17	19.67	292.82
34.95	1.17	19.67	292.82
35	1.17	19.68	292.83
35.05	1.16	19.68	292.83
35.1	1.16	19.68	292.83
35.15	1.15	19.68	292.83
35.2	1.15	19.69	292.84
35.25	1.15	19.69	292.84
35.3	1.14	19.7	292.85
35.35	1.14	19.7	292.85
35.4	1.14	19.7	292.85
35.45	1.13	19.7	292.85
35.5	1.13	19.7	292.85
35.55	1.13	19.7	292.85
35.6	1.13	19.7	292.85
35.65	1.12	19.7	292.85
35.7	1.12	19.7	292.85
35.75	1.12	19.7	292.85
35.8	1.12	19.71	292.86
35.85	1.11	19.71	292.86
35.9	1.11	19.72	292.87
35.95	1.11	19.72	292.87
36	1.11	19.72	292.87
36.05	1.11	19.73	292.88
36.1	1.1	19.73	292.88
36.15	1.1	19.73	292.88
36.2	1.1	19.73	292.88
36.25	1.09	19.74	292.89
36.3	1.09	19.74	292.89
36.35	1.08	19.74	292.89
36.4	1.08	19.74	292.89
36.45	1.07	19.74	292.89
36.5	1.06	19.75	292.9
36.55	1.06	19.75	292.9
36.6	1.06	19.75	292.9
36.65	1.05	19.75	292.9
36.7	1.05	19.75	292.9
36.75	1.04	19.75	292.9
36.8	1.02	19.75	292.9
36.85	1.01	19.76	292.91

36.9	1.02	19.76	292.91
36.95	1.02	19.77	292.92
37	1.02	19.77	292.92
37.05	1.16	19.77	292.92
37.1	1.25	19.77	292.92
37.15	1.28	19.77	292.92
37.2	1.3	19.77	292.92
37.25	1.3	19.77	292.92
37.3	1.31	19.78	292.93
37.35	1.31	19.8	292.95
37.4	1.32	19.81	292.96
37.45	1.32	19.86	293.01
37.5	1.32	19.85	293
37.55	1.32	19.87	293.02
37.6	1.32	19.88	293.03
37.65	1.32	19.89	293.04
37.7	1.32	19.9	293.05
37.75	1.32	19.91	293.06
37.8	1.32	19.92	293.07
37.85	1.32	19.93	293.08
37.9	1.32	19.93	293.08
37.95	1.32	19.94	293.09
38	1.32	19.94	293.09
38.05	1.32	19.95	293.1
38.1	1.32	19.96	293.11
38.15	1.32	19.96	293.11
38.2	1.32	19.97	293.12
38.25	1.32	19.96	293.11
38.3	1.32	19.98	293.13
38.35	1.32	19.97	293.12
38.4	1.32	19.98	293.13
38.45	1.32	19.97	293.12
38.5	1.32	19.99	293.14
38.55	1.32	19.97	293.12
38.6	1.32	20.01	293.16
38.65	1.32	19.98	293.13
38.7	1.32	20.01	293.16
38.75	1.32	19.97	293.12
38.8	1.32	20.01	293.16
38.85	1.32	19.98	293.13
38.9	1.32	20.02	293.17

38.95	1.32	19.98	293.13
39	1.32	20.02	293.17
39.05	1.32	19.99	293.14
39.1	1.32	20.01	293.16
39.15	1.32	20	293.15
39.2	1.32	20.01	293.16
39.25	1.32	20.02	293.17
39.3	1.32	20.02	293.17
39.35	1.32	20.02	293.17
39.4	1.32	20.01	293.16
39.45	1.32	20.03	293.18
39.5	1.32	20.01	293.16
39.55	1.32	20.02	293.17
39.6	1.32	20.01	293.16
39.65	1.32	20.03	293.18
39.7	1.32	20.02	293.17
39.75	1.32	20.03	293.18
39.8	1.32	20.03	293.18
39.85	1.32	20.02	293.17
39.9	1.32	20.04	293.19
39.95	1.32	20.03	293.18
40	1.32	20.03	293.18
40.05	1.32	20.02	293.17
40.1	1.32	20.03	293.18
40.15	1.32	20.03	293.18
40.2	1.32	20.03	293.18
40.25	1.32	20.03	293.18
40.3	1.32	20.03	293.18
40.35	1.32	20.04	293.19
40.4	1.32	20.03	293.18
40.45	1.31	20.03	293.18
40.5	1.34	20.03	293.18
40.55	1.34	20.03	293.18
40.6	1.34	20.03	293.18
40.65	1.33	20.03	293.18
40.7	1.14	20.03	293.18
40.75	1.06	20.03	293.18
40.8	1.04	20.03	293.18
40.85	1.02	20.02	293.17
40.9	1.02	20.02	293.17
40.95	1.02	20.01	293.16

41	1.02	20.01	293.16
41.05	1.02	20	293.15
41.1	1.02	20	293.15
41.15	1.02	20	293.15
41.2	1.02	20	293.15
41.25	1.02	20	293.15
41.3	1.02	20	293.15
41.35	1.02	20	293.15
41.4	1.02	20	293.15
41.45	1.02	20	293.15
41.5	1.02	20	293.15
41.55	1.02	20	293.15
41.6	1.02	20	293.15
41.65	1.02	20	293.15
41.7	1.02	20	293.15
41.75	1.02	20	293.15
41.8	1.07	20	293.15
41.85	1.31	20	293.15
41.9	1.79	20	293.15
41.95	2.55	20	293.15
42	3.59	20.01	293.16
42.05	4.84	20.02	293.17
42.1	6.61	20.04	293.19
42.15	8.58	20.08	293.23
42.2	10.59	20.15	293.3
42.25	12.6	20.24	293.39
42.3	14.78	20.35	293.5
42.35	16.77	20.47	293.62
42.4	18.72	20.61	293.76
42.45	20.96	20.8	293.95
42.5	22.47	20.9	294.05
42.55	24.46	21	294.15
42.6	26.24	21.09	294.24
42.65	27.98	21.18	294.33
42.7	29.68	21.24	294.39
42.75	31.35	21.3	294.45
42.8	33.13	21.36	294.51
42.85	34.75	21.43	294.58
42.9	36.35	21.48	294.63
42.95	37.9	21.53	294.68
43	38.97	21.57	294.72

43.05	39.39	21.61	294.76
43.1	39.84	21.64	294.79
43.15	40.31	21.67	294.82
43.2	40.8	21.67	294.82
43.25	41.08	21.67	294.82
43.3	41.21	21.67	294.82
43.35	41.31	21.64	294.79
43.4	41.42	21.6	294.75
43.45	41.42	21.56	294.71
43.5	41.35	21.52	294.67
43.55	41.31	21.47	294.62
43.6	41.28	21.42	294.57
43.65	41.26	21.33	294.48
43.7	41.23	21.28	294.43
43.75	41.22	21.22	294.37
43.8	41.2	21.16	294.31
43.85	41.19	21.11	294.26
43.9	41.18	21.06	294.21
43.95	41.17	21.01	294.16
44	41.17	20.97	294.12
44.05	41.16	20.91	294.06
44.1	41.15	20.87	294.02
44.15	41.14	20.83	293.98
44.2	41.14	20.8	293.95
44.25	41.13	20.77	293.92
44.3	41.13	20.74	293.89
44.35	41.13	20.71	293.86
44.4	41.12	20.69	293.84
44.45	41.12	20.65	293.8
44.5	41.11	20.64	293.79
44.55	41.11	20.61	293.76
44.6	41.1	20.59	293.74
44.65	41.1	20.58	293.73
44.7	41.1	20.56	293.71
44.75	41.1	20.54	293.69
44.8	41.09	20.52	293.67
44.85	41.09	20.5	293.65
44.9	41.09	20.49	293.64
44.95	41.09	20.47	293.62
45	41.09	20.46	293.61
45.05	41.08	20.45	293.6

45. 1	41. 08	20. 44	293. 59
45. 15	41. 08	20. 43	293. 58
45. 2	41. 08	20. 42	293. 57
45. 25	41. 08	20. 41	293. 56
45. 3	41. 08	20. 39	293. 54
45. 35	41. 07	20. 38	293. 53
45. 4	41. 07	20. 37	293. 52
45. 45	41. 07	20. 37	293. 52
45. 5	41. 07	20. 36	293. 51
45. 55	41. 07	20. 35	293. 5
45. 6	41. 07	20. 34	293. 49
45. 65	41. 07	20. 33	293. 48
45. 7	41. 07	20. 33	293. 48
45. 75	41. 06	20. 32	293. 47
45. 8	41. 06	20. 31	293. 46
45. 85	41. 06	20. 31	293. 46
45. 9	41. 06	20. 3	293. 45
45. 95	41. 06	20. 29	293. 44
46	41. 06	20. 29	293. 44
46. 05	41. 06	20. 28	293. 43
46. 1	41. 06	20. 27	293. 42
46. 15	41. 06	20. 27	293. 42
46. 2	41. 06	20. 26	293. 41
46. 25	41. 05	20. 26	293. 41
46. 3	41. 05	20. 25	293. 4
46. 35	41. 05	20. 25	293. 4
46. 4	41. 05	20. 24	293. 39
46. 45	41. 05	20. 24	293. 39
46. 5	41. 05	20. 23	293. 38
46. 55	41. 05	20. 23	293. 38
46. 6	41. 05	20. 23	293. 38
46. 65	41. 05	20. 22	293. 37
46. 7	41. 05	20. 22	293. 37
46. 75	41. 05	20. 22	293. 37
46. 8	41. 05	20. 21	293. 36
46. 85	41. 04	20. 21	293. 36
46. 9	40. 88	20. 2	293. 35
46. 95	40. 79	20. 2	293. 35
47	40. 74	20. 2	293. 35
47. 05	40. 69	20. 2	293. 35
47. 1	40. 66	20. 19	293. 34

47.15	40.64	20.19	293.34
47.2	40.62	20.18	293.33
47.25	40.61	20.17	293.32
47.3	40.61	20.17	293.32
47.35	40.6	20.16	293.31
47.4	40.6	20.15	293.3
47.45	40.6	20.14	293.29
47.5	40.6	20.14	293.29
47.55	40.6	20.12	293.27
47.6	40.59	20.13	293.28
47.65	40.59	20.12	293.27
47.7	40.59	20.13	293.28
47.75	40.59	20.11	293.26
47.8	40.59	20.12	293.27
47.85	40.59	20.1	293.25
47.9	40.59	20.12	293.27
47.95	40.59	20.09	293.24
48	40.59	20.1	293.25
48.05	40.59	20.09	293.24
48.1	40.59	20.1	293.25
48.15	40.59	20.08	293.23
48.2	40.59	20.1	293.25
48.25	40.59	20.07	293.22
48.3	40.59	20.1	293.25
48.35	40.59	20.07	293.22
48.4	40.59	20.09	293.24
48.45	40.59	20.07	293.22
48.5	40.59	20.1	293.25
48.55	40.59	20.07	293.22
48.6	40.58	20.09	293.24
48.65	40.58	20.08	293.23
48.7	40.58	20.07	293.22
48.75	40.59	20.09	293.24
48.8	40.58	20.07	293.22
48.85	40.59	20.08	293.23
48.9	40.58	20.07	293.22
48.95	40.58	20.08	293.23
49	40.58	20.07	293.22
49.05	40.58	20.07	293.22
49.1	40.58	20.07	293.22
49.15	40.58	20.07	293.22

49. 2	40. 58	20. 07	293. 22
49. 25	40. 58	20. 07	293. 22
49. 3	40. 58	20. 07	293. 22
49. 35	40. 58	20. 07	293. 22
49. 4	40. 58	20. 07	293. 22
49. 45	40. 58	20. 07	293. 22
49. 5	40. 58	20. 07	293. 22
49. 55	40. 58	20. 07	293. 22
49. 6	40. 58	20. 07	293. 22
49. 65	40. 58	20. 06	293. 21
49. 7	40. 58	20. 07	293. 22
49. 75	40. 58	20. 07	293. 22
49. 8	40. 58	20. 06	293. 21
49. 85	40. 58	20. 07	293. 22
49. 9	40. 58	20. 07	293. 22
49. 95	40. 58	20. 08	293. 23
50	40. 58	20. 07	293. 22
50. 05	40. 58	20. 08	293. 23
50. 1	40. 58	20. 09	293. 24
50. 15	40. 58	20. 07	293. 22
50. 2	40. 58	20. 08	293. 23
50. 25	40. 58	20. 07	293. 22
50. 3	40. 58	20. 06	293. 21
50. 35	40. 58	20. 08	293. 23
50. 4	40. 58	20. 06	293. 21
50. 45	40. 58	20. 08	293. 23
50. 5	40. 58	20. 07	293. 22
50. 55	40. 58	20. 07	293. 22
50. 6	40. 58	20. 09	293. 24
50. 65	40. 58	20. 06	293. 21
50. 7	40. 58	20. 08	293. 23
50. 75	40. 58	20. 09	293. 24
50. 8	40. 58	20. 07	293. 22
50. 85	40. 58	20. 09	293. 24
50. 9	40. 58	20. 06	293. 21
50. 95	40. 58	20. 07	293. 22
51	40. 58	20. 09	293. 24
51. 05	40. 58	20. 06	293. 21
51. 1	40. 58	20. 08	293. 23
51. 15	40. 58	20. 08	293. 23
51. 2	40. 58	20. 07	293. 22

51.25	40.58	20.09	293.24
51.3	40.58	20.06	293.21
51.35	40.58	20.08	293.23
51.4	40.58	20.09	293.24
51.45	40.58	20.05	293.2
51.5	40.58	20.09	293.24
51.55	40.58	20.08	293.23
51.6	40.58	20.07	293.22
51.65	40.58	20.09	293.24
51.7	40.58	20.05	293.2
51.75	40.58	20.07	293.22
51.8	40.58	20.09	293.24
51.85	40.58	20.08	293.23
51.9	40.58	20.08	293.23
51.95	40.58	20.08	293.23
52	40.58	20.08	293.23
52.05	40.58	20.08	293.23
52.1	40.58	20.07	293.22
52.15	40.58	20.07	293.22
52.2	40.58	20.07	293.22
52.25	40.58	20.07	293.22
52.3	40.58	20.07	293.22
52.35	40.58	20.07	293.22
52.4	40.58	20.07	293.22
52.45	40.58	20.07	293.22
52.5	40.58	20.06	293.21
52.55	40.57	20.06	293.21
52.6	40.57	20.06	293.21
52.65	40.35	20.06	293.21
52.7	40.07	20.06	293.21
52.75	39.64	20.06	293.21
52.8	39.17	20.05	293.2
52.85	38.48	20.05	293.2
52.9	37.63	20.04	293.19
52.95	36.53	20.01	293.16
53	35.39	19.98	293.13
53.05	34.41	19.94	293.09
53.1	33.46	19.88	293.03
53.15	32.46	19.79	292.94
53.2	31.48	19.63	292.78
53.25	30.3	19.5	292.65

53.3	29.18	19.38	292.53
53.35	27.74	19.26	292.41
53.4	26.31	19.15	292.3
53.45	24.88	19.04	292.19
53.5	23.67	18.94	292.09
53.55	22.53	18.77	291.92
53.6	21.46	18.64	291.79
53.65	20.45	18.49	291.64
53.7	19.4	18.35	291.5
53.75	18.5	18.21	291.36
53.8	17.66	18.1	291.25
53.85	16.85	18	291.15
53.9	16.09	17.95	291.1
53.95	15.31	17.94	291.09
54	14.64	17.94	291.09
54.05	14.01	17.94	291.09
54.1	13.4	17.95	291.1
54.15	12.83	17.97	291.12
54.2	12.24	18.01	291.16
54.25	11.73	18.05	291.2
54.3	11.25	18.09	291.24
54.35	10.79	18.15	291.3
54.4	10.36	18.19	291.34
54.45	9.9	18.23	291.38
54.5	9.51	18.27	291.42
54.55	9.14	18.3	291.45
54.6	8.79	18.34	291.49
54.65	8.43	18.38	291.53
54.7	8.11	18.41	291.56
54.75	7.81	18.45	291.6
54.8	7.53	18.49	291.64
54.85	7.26	18.52	291.67
54.9	6.97	18.55	291.7
54.95	6.73	18.58	291.73
55	6.5	18.62	291.77
55.05	6.27	18.66	291.81
55.1	6.06	18.69	291.84
55.15	5.84	18.75	291.9
55.2	5.64	18.78	291.93
55.25	5.46	18.82	291.97
55.3	5.29	18.85	292

55.35	5.12	18.88	292.03
55.4	4.95	18.91	292.06
55.45	4.8	18.93	292.08
55.5	4.65	18.96	292.11
55.55	4.51	18.99	292.14
55.6	4.4	19.03	292.18
55.65	4.28	19.05	292.2
55.7	4.17	19.07	292.22
55.75	4.07	19.1	292.25
55.8	3.98	19.12	292.27
55.85	3.87	19.14	292.29
55.9	3.79	19.17	292.32
55.95	3.7	19.2	292.35
56	3.62	19.22	292.37
56.05	3.54	19.24	292.39
56.1	3.45	19.25	292.4
56.15	3.38	19.27	292.42
56.2	3.31	19.28	292.43
56.25	3.24	19.29	292.44
56.3	3.17	19.31	292.46
56.35	3.1	19.33	292.48
56.4	3.04	19.34	292.49
56.45	2.98	19.36	292.51
56.5	2.92	19.37	292.52
56.55	2.86	19.38	292.53
56.6	2.8	19.4	292.55
56.65	2.75	19.41	292.56
56.7	2.7	19.42	292.57
56.75	2.65	19.43	292.58
56.8	2.61	19.44	292.59
56.85	2.56	19.45	292.6
56.9	2.51	19.45	292.6
56.95	2.47	19.46	292.61
57	2.43	19.47	292.62
57.05	2.39	19.48	292.63
57.1	2.35	19.49	292.64
57.15	2.31	19.5	292.65
57.2	2.28	19.5	292.65
57.25	2.24	19.51	292.66
57.3	2.2	19.52	292.67
57.35	2.17	19.52	292.67

57.4	2.14	19.53	292.68
57.45	2.11	19.54	292.69
57.5	2.09	19.55	292.7
57.55	2.05	19.56	292.71
57.6	2.03	19.57	292.72
57.65	2	19.58	292.73
57.7	1.97	19.58	292.73
57.75	1.95	19.58	292.73
57.8	1.92	19.58	292.73
57.85	1.9	19.58	292.73
57.9	1.88	19.58	292.73
57.95	1.86	19.58	292.73
58	1.84	19.59	292.74
58.05	1.81	19.59	292.74
58.1	1.79	19.59	292.74
58.15	1.77	19.6	292.75
58.2	1.76	19.6	292.75
58.25	1.74	19.61	292.76
58.3	1.7	19.62	292.77
58.35	1.63	19.62	292.77
58.4	1.56	19.63	292.78
58.45	1.5	19.64	292.79
58.5	1.45	19.64	292.79
58.55	1.4	19.64	292.79
58.6	1.36	19.64	292.79
58.65	1.33	19.64	292.79
58.7	1.29	19.64	292.79
58.75	1.26	19.64	292.79
58.8	1.24	19.64	292.79
58.85	1.21	19.64	292.79
58.9	1.2	19.64	292.79
58.95	1.18	19.64	292.79
59	1.16	19.64	292.79
59.05	1.15	19.65	292.8
59.1	1.13	19.65	292.8
59.15	1.12	19.66	292.81
59.2	1.11	19.66	292.81
59.25	1.11	19.67	292.82
59.3	1.1	19.67	292.82
59.35	1.09	19.67	292.82
59.4	1.09	19.68	292.83

59.45	1.08	19.68	292.83
59.5	1.06	19.69	292.84
59.55	1.05	19.7	292.85
59.6	1.03	19.7	292.85
59.65	1.02	19.7	292.85
59.7	1.01	19.7	292.85
59.75	1.01	19.7	292.85
59.8	1.01	19.7	292.85
59.85	1.02	19.7	292.85
59.9	1.02	19.7	292.85
59.95	1.15	19.7	292.85
60	1.27	19.7	292.85
60.05	1.3	19.7	292.85
60.1	1.32	19.72	292.87
60.15	1.33	19.72	292.87
60.2	1.33	19.75	292.9
60.25	1.35	19.79	292.94
60.3	1.35	19.8	292.95
60.35	1.35	19.81	292.96
60.4	1.35	19.82	292.97
60.45	1.35	19.84	292.99
60.5	1.35	19.85	293
60.55	1.35	19.87	293.02
60.6	1.35	19.88	293.03
60.65	1.35	19.9	293.05
60.7	1.35	19.89	293.04
60.75	1.35	19.92	293.07
60.8	1.36	19.9	293.05
60.85	1.36	19.93	293.08
60.9	1.36	19.91	293.06
60.95	1.35	19.93	293.08
61	1.35	19.93	293.08
61.05	1.36	19.94	293.09
61.1	1.36	19.94	293.09
61.15	1.36	19.95	293.1
61.2	1.36	19.95	293.1
61.25	1.36	19.94	293.09
61.3	1.36	19.96	293.11
61.35	1.36	19.94	293.09
61.4	1.36	19.96	293.11
61.45	1.36	19.95	293.1

61.5	1.36	19.96	293.11
61.55	1.36	19.97	293.12
61.6	1.36	19.97	293.12
61.65	1.36	19.97	293.12
61.7	1.36	19.98	293.13
61.75	1.36	19.98	293.13
61.8	1.36	19.99	293.14
61.85	1.36	19.99	293.14
61.9	1.36	20	293.15
61.95	1.36	20	293.15
62	1.36	19.99	293.14
62.05	1.36	20.01	293.16
62.1	1.36	20	293.15
62.15	1.36	20	293.15
62.2	1.36	20.01	293.16
62.25	1.36	19.99	293.14
62.3	1.36	20.01	293.16
62.35	1.36	20	293.15
62.4	1.36	20	293.15
62.45	1.36	20.03	293.18
62.5	1.36	20	293.15
62.55	1.36	20.02	293.17
62.6	1.36	20.03	293.18
62.65	1.36	20	293.15
62.7	1.36	20.03	293.18
62.75	1.36	20.01	293.16
62.8	1.36	20.02	293.17
62.85	1.36	20.04	293.19
62.9	1.36	20	293.15
62.95	1.36	20.02	293.17
63	1.36	20.03	293.18
63.05	1.36	20.02	293.17
63.1	1.36	20.03	293.18
63.15	1.36	20.03	293.18
63.2	1.36	20.03	293.18
63.25	1.36	20.03	293.18
63.3	1.36	20.03	293.18
63.35	1.37	20.03	293.18
63.4	1.37	20.03	293.18
63.45	1.2	20.03	293.18
63.5	1.08	20.03	293.18

63.55	1.04	20.02	293.17
63.6	1.04	20.02	293.17
63.65	1.04	20.02	293.17
63.7	1.03	20.01	293.16
63.75	1.03	20	293.15
63.8	1.03	20	293.15
63.85	1.03	19.99	293.14
63.9	1.03	19.99	293.14
63.95	1.03	19.99	293.14
64	1.03	19.99	293.14
64.05	1.03	19.99	293.14
64.1	1.03	20	293.15
64.15	1.03	19.99	293.14
64.2	1.03	20	293.15
64.25	1.03	20	293.15
64.3	1.03	20	293.15
64.35	1.03	20	293.15
64.4	1.03	20	293.15
64.45	1.03	20	293.15
64.5	1.03	19.99	293.14
64.55	1.03	20	293.15
64.6	1.03	20	293.15
64.65	1.03	20	293.15
64.7	1.3	20	293.15
64.75	1.7	20	293.15
64.8	2.68	20	293.15
64.85	5.48	20	293.15
64.9	8.17	20.01	293.16
64.95	10.5	20.04	293.19
65	12.82	20.11	293.26
65.05	15.29	20.38	293.53
65.1	17.51	20.61	293.76
65.15	19.67	20.81	293.96
65.2	21.78	20.99	294.14
65.25	23.84	21.16	294.31
65.3	26.02	21.31	294.46
65.35	27.97	21.44	294.59
65.4	29.88	21.54	294.69
65.45	31.74	21.62	294.77
65.5	33.72	21.66	294.81
65.55	35.49	21.69	294.84

65.6	37.23	21.73	294.88
65.65	38.93	21.76	294.91
65.7	40.59	21.79	294.94
65.75	42.22	21.82	294.97
65.8	43.97	21.85	295
65.85	45.53	21.89	295.04
65.9	47.06	21.92	295.07
65.95	48.55	21.95	295.1
66	50.03	21.97	295.12
66.05	51.6	21.98	295.13
66.1	53	22	295.15
66.15	54.38	22.02	295.17
66.2	55.72	22.04	295.19
66.25	57.16	22.06	295.21
66.3	57.92	22.07	295.22
66.35	58.17	22.08	295.23
66.4	58.74	22.08	295.23
66.45	58.88	22.08	295.23
66.5	59.22	22.08	295.23
66.55	59.45	22.06	295.21
66.6	59.68	22.01	295.16
66.65	59.91	21.92	295.07
66.7	60.15	21.86	295.01
66.75	60.37	21.79	294.94
66.8	60.57	21.72	294.87
66.85	60.77	21.66	294.81
66.9	60.98	21.6	294.75
66.95	61.19	21.54	294.69
67	61.42	21.49	294.64
67.05	61.63	21.41	294.56
67.1	61.84	21.36	294.51
67.15	62.05	21.32	294.47
67.2	62.27	21.28	294.43
67.25	62.24	21.25	294.4
67.3	62.16	21.21	294.36
67.35	62.1	21.18	294.33
67.4	62.06	21.15	294.3
67.45	62.02	21.11	294.26
67.5	61.99	21.08	294.23
67.55	61.97	21.04	294.19
67.6	61.95	21.01	294.16

67.65	61.94	20.97	294.12
67.7	61.92	20.93	294.08
67.75	61.91	20.9	294.05
67.8	61.9	20.86	294.01
67.85	61.89	20.82	293.97
67.9	61.88	20.79	293.94
67.95	61.87	20.76	293.91
68	61.87	20.74	293.89
68.05	61.86	20.71	293.86
68.1	61.85	20.69	293.84
68.15	61.85	20.67	293.82
68.2	61.84	20.65	293.8
68.25	61.84	20.62	293.77
68.3	61.83	20.61	293.76
68.35	61.83	20.59	293.74
68.4	61.82	20.57	293.72
68.45	61.82	20.56	293.71
68.5	61.82	20.54	293.69
68.55	61.81	20.53	293.68
68.6	61.81	20.52	293.67
68.65	61.8	20.5	293.65
68.7	61.8	20.49	293.64
68.75	61.8	20.48	293.63
68.8	61.8	20.47	293.62
68.85	61.79	20.46	293.61
68.9	61.79	20.45	293.6
68.95	61.79	20.44	293.59
69	61.78	20.43	293.58
69.05	61.78	20.42	293.57
69.1	61.78	20.41	293.56
69.15	61.78	20.4	293.55
69.2	61.77	20.39	293.54
69.25	61.77	20.38	293.53
69.3	61.77	20.37	293.52
69.35	61.77	20.36	293.51
69.4	61.77	20.36	293.51
69.45	61.77	20.35	293.5
69.5	61.77	20.34	293.49
69.55	61.76	20.33	293.48
69.6	61.76	20.33	293.48
69.65	61.76	20.33	293.48

69.7	61.76	20.32	293.47
69.75	61.76	20.31	293.46
69.8	61.75	20.31	293.46
69.85	61.75	20.3	293.45
69.9	61.75	20.29	293.44
69.95	61.75	20.29	293.44
70	61.75	20.28	293.43
70.05	61.75	20.28	293.43
70.1	61.75	20.27	293.42
70.15	61.75	20.27	293.42
70.2	61.74	20.27	293.42
70.25	61.74	20.26	293.41
70.3	61.74	20.25	293.4
70.35	61.74	20.25	293.4
70.4	61.74	20.25	293.4
70.45	61.74	20.24	293.39
70.5	61.74	20.24	293.39
70.55	61.74	20.23	293.38
70.6	61.73	20.23	293.38
70.65	61.73	20.23	293.38
70.7	61.73	20.22	293.37
70.75	61.73	20.22	293.37
70.8	61.73	20.22	293.37
70.85	61.73	20.21	293.36
70.9	61.73	20.21	293.36
70.95	61.72	20.2	293.35
71	61.72	20.2	293.35
71.05	61.72	20.19	293.34
71.1	61.6	20.19	293.34
71.15	61.47	20.19	293.34
71.2	61.38	20.19	293.34
71.25	61.31	20.19	293.34
71.3	61.28	20.19	293.34
71.35	61.24	20.21	293.36
71.4	61.23	20.21	293.36
71.45	61.21	20.22	293.37
71.5	61.2	20.19	293.34
71.55	61.2	20.19	293.34
71.6	61.19	20.17	293.32
71.65	61.19	20.18	293.33
71.7	61.19	20.14	293.29

71.75	61.18	20.16	293.31
71.8	61.18	20.14	293.29
71.85	61.18	20.14	293.29
71.9	61.18	20.13	293.28
71.95	61.18	20.14	293.29
72	61.18	20.11	293.26
72.05	61.18	20.14	293.29
72.1	61.18	20.1	293.25
72.15	61.17	20.13	293.28
72.2	61.17	20.1	293.25
72.25	61.17	20.12	293.27
72.3	61.17	20.1	293.25
72.35	61.17	20.11	293.26
72.4	61.17	20.11	293.26
72.45	61.17	20.1	293.25
72.5	61.17	20.11	293.26
72.55	61.17	20.09	293.24
72.6	61.17	20.09	293.24
72.65	61.17	20.09	293.24
72.7	61.17	20.08	293.23
72.75	61.17	20.09	293.24
72.8	61.17	20.09	293.24
72.85	61.17	20.09	293.24
72.9	61.17	20.09	293.24
72.95	61.16	20.08	293.23
73	61.17	20.09	293.24
73.05	61.17	20.08	293.23
73.1	61.17	20.08	293.23
73.15	61.17	20.1	293.25
73.2	61.16	20.07	293.22
73.25	61.17	20.08	293.23
73.3	61.16	20.09	293.24
73.35	61.17	20.07	293.22
73.4	61.17	20.1	293.25
73.45	61.16	20.06	293.21
73.5	61.16	20.08	293.23
73.55	61.16	20.09	293.24
73.6	61.16	20.06	293.21
73.65	61.16	20.08	293.23
73.7	61.17	20.07	293.22
73.75	61.16	20.05	293.2

73.8	61.17	20.08	293.23
73.85	61.16	20.05	293.2
73.9	61.17	20.07	293.22
73.95	61.16	20.09	293.24
74	61.16	20.05	293.2
74.05	61.16	20.08	293.23
74.1	61.16	20.09	293.24
74.15	61.16	20.04	293.19
74.2	61.16	20.1	293.25
74.25	61.16	20.07	293.22
74.3	61.16	20.06	293.21
74.35	61.16	20.1	293.25
74.4	61.16	20.07	293.22
74.45	61.16	20.06	293.21
74.5	61.16	20.1	293.25
74.55	61.17	20.07	293.22
74.6	61.16	20.07	293.22
74.65	61.16	20.09	293.24
74.7	61.16	20.05	293.2
74.75	61.16	20.06	293.21
74.8	61.16	20.09	293.24
74.85	61.16	20.06	293.21
74.9	61.16	20.06	293.21
74.95	61.16	20.1	293.25
75	61.16	20.04	293.19
75.05	61.16	20.07	293.22
75.1	61.16	20.09	293.24
75.15	61.16	20.05	293.2
75.2	61.16	20.06	293.21
75.25	61.16	20.09	293.24
75.3	61.16	20.06	293.21
75.35	61.16	20.06	293.21
75.4	61.16	20.1	293.25
75.45	61.16	20.06	293.21
75.5	61.16	20.07	293.22
75.55	61.16	20.1	293.25
75.6	61.16	20.07	293.22
75.65	61.16	20.06	293.21
75.7	61.16	20.09	293.24
75.75	61.16	20.08	293.23
75.8	61.16	20.06	293.21

75.85	61.16	20.09	293.24
75.9	61.16	20.08	293.23
75.95	61.16	20.06	293.21
76	61.17	20.08	293.23
76.05	61.16	20.09	293.24
76.1	61.16	20.07	293.22
76.15	61.16	20.07	293.22
76.2	61.16	20.09	293.24
76.25	61.16	20.07	293.22
76.3	61.16	20.07	293.22
76.35	61.16	20.08	293.23
76.4	61.16	20.07	293.22
76.45	61.16	20.07	293.22
76.5	61.16	20.09	293.24
76.55	61.16	20.07	293.22
76.6	61.16	20.07	293.22
76.65	61.16	20.08	293.23
76.7	61.16	20.09	293.24
76.75	61.16	20.08	293.23
76.8	61.16	20.08	293.23
76.85	61.16	20.09	293.24
76.9	61.16	20.07	293.22
76.95	61.17	20.07	293.22
77	61.16	20.08	293.23
77.05	61.16	20.08	293.23
77.1	61.16	20.07	293.22
77.15	61.16	20.07	293.22
77.2	61.16	20.08	293.23
77.25	61.16	20.08	293.23
77.3	61.16	20.08	293.23
77.35	61.16	20.08	293.23
77.4	61.16	20.08	293.23
77.45	61.16	20.08	293.23
77.5	61.16	20.08	293.23
77.55	61.16	20.08	293.23
77.6	61.16	20.08	293.23