

Information provided here corresponds to the four quadrants of the contour profile of the 3D optimized cross-slot L5R8AR0.5. All dimensions are expressed in μm .

QUADRANTS									
I		II		III		IV			
xxx	yyy	xxx	yyy	xxx	yyy	xxx	yyy	xxx	yyy
	50	1000	-50	1000	50	-1000	-50	-1000	
	50	700	-50	700	50	-700	-50	-700	
	50	500	-50	500	50	-500	-50	-500	
	50	450	-50	450	50	-450	-50	-450	
50.001298	448.9528	-50.0013	448.9528	50.001298	-448.9528	-50.0013	-448.9528		
50.0049	447.90561	-50.0049	447.90561	50.0049	-447.9056	-50.0049	-447.9056		
50.010367	446.85842	-50.01037	446.85842	50.010367	-446.8584	-50.01037	-446.8584		
50.017263	445.81124	-50.01726	445.81124	50.017263	-445.8112	-50.01726	-445.8112		
50.025149	444.76404	-50.02515	444.76404	50.025149	-444.764	-50.02515	-444.764		
50.033588	443.71683	-50.03359	443.71683	50.033588	-443.7168	-50.03359	-443.7168		
50.042142	442.66957	-50.04214	442.66957	50.042142	-442.6696	-50.04214	-442.6696		
50.050374	441.62225	-50.05037	441.62225	50.050374	-441.6222	-50.05037	-441.6222		
50.057847	440.57484	-50.05785	440.57484	50.057847	-440.5748	-50.05785	-440.5748		
50.064125	439.52731	-50.06412	439.52731	50.064125	-439.5273	-50.06412	-439.5273		
50.068769	438.47962	-50.06877	438.47962	50.068769	-438.4796	-50.06877	-438.4796		
50.071345	437.43174	-50.07134	437.43174	50.071345	-437.4317	-50.07134	-437.4317		
50.071416	436.3836	-50.07142	436.3836	50.071416	-436.3836	-50.07142	-436.3836		
50.068545	435.33518	-50.06855	435.33518	50.068545	-435.3352	-50.06855	-435.3352		
50.062299	434.2864	-50.0623	434.2864	50.062299	-434.2864	-50.0623	-434.2864		
50.052334	433.23723	-50.05233	433.23723	50.052334	-433.2372	-50.05233	-433.2372		
50.038677	432.1876	-50.03868	432.1876	50.038677	-432.1876	-50.03868	-432.1876		
50.021445	431.13749	-50.02145	431.13749	50.021445	-431.1375	-50.02145	-431.1375		
50.000758	430.08686	-50.00076	430.08686	50.000758	-430.0869	-50.00076	-430.0869		
49.976735	429.03567	-49.97674	429.03567	49.976735	-429.0357	-49.97674	-429.0357		
49.949495	427.98389	-49.94949	427.98389	49.949495	-427.9839	-49.94949	-427.9839		
49.919157	426.93148	-49.91916	426.93148	49.919157	-426.9315	-49.91916	-426.9315		
49.885841	425.87842	-49.88584	425.87842	49.885841	-425.8784	-49.88584	-425.8784		
49.849666	424.82467	-49.84967	424.82467	49.849666	-424.8247	-49.84967	-424.8247		
49.810752	423.77021	-49.81075	423.77021	49.810752	-423.7702	-49.81075	-423.7702		
49.769219	422.715	-49.76922	422.715	49.769219	-422.715	-49.76922	-422.715		
49.725186	421.65902	-49.72519	421.65902	49.725186	-421.659	-49.72519	-421.659		
49.678775	420.60225	-49.67878	420.60225	49.678775	-420.6022	-49.67878	-420.6022		
49.630106	419.54465	-49.63011	419.54465	49.630106	-419.5446	-49.63011	-419.5446		
49.579298	418.48621	-49.5793	418.48621	49.579298	-418.4862	-49.5793	-418.4862		
49.595393	417.4325	-49.59539	417.4325	49.595393	-417.4325	-49.59539	-417.4325		
49.612931	416.37856	-49.61293	416.37856	49.612931	-416.3786	-49.61293	-416.3786		
49.631787	415.32435	-49.63179	415.32435	49.631787	-415.3244	-49.63179	-415.3244		
49.651835	414.26988	-49.65184	414.26988	49.651835	-414.2699	-49.65184	-414.2699		
49.672952	413.21511	-49.67295	413.21511	49.672952	-413.2151	-49.67295	-413.2151		
49.695012	412.16004	-49.69501	412.16004	49.695012	-412.16	-49.69501	-412.16		
49.71789	411.10464	-49.71789	411.10464	49.71789	-411.1046	-49.71789	-411.1046		
49.741464	410.04889	-49.74146	410.04889	49.741464	-410.0489	-49.74146	-410.0489		
49.765608	408.99277	-49.76561	408.99277	49.765608	-408.9928	-49.76561	-408.9928		
49.7902	407.93625	-49.7902	407.93625	49.7902	-407.9363	-49.7902	-407.9363		
49.815115	406.87932	-49.81512	406.87932	49.815115	-406.8793	-49.81512	-406.8793		
49.84023	405.82195	-49.84023	405.82195	49.84023	-405.8219	-49.84023	-405.8219		
49.865423	404.7641	-49.86542	404.7641	49.865423	-404.7641	-49.86542	-404.7641		
49.890569	403.70576	-49.89057	403.70576	49.890569	-403.7058	-49.89057	-403.7058		
49.915548	402.64688	-49.91555	402.64688	49.915548	-402.6469	-49.91555	-402.6469		
49.940235	401.58745	-49.94023	401.58745	49.940235	-401.5874	-49.94023	-401.5874		
49.964509	400.52742	-49.96451	400.52742	49.964509	-400.5274	-49.96451	-400.5274		
49.988249	399.46676	-49.98825	399.46676	49.988249	-399.4668	-49.98825	-399.4668		
50.011332	398.40545	-50.01133	398.40545	50.011332	-398.4054	-50.01133	-398.4054		
50.033638	397.34343	-50.03364	397.34343	50.033638	-397.3434	-50.03364	-397.3434		
50.055046	396.28068	-50.05505	396.28068	50.055046	-396.2807	-50.05505	-396.2807		

50.075434	395.21715	-50.07543	395.21715	50.075434	-395.2171	-50.07543	-395.2171
50.094683	394.1528	-50.09468	394.1528	50.094683	-394.1528	-50.09468	-394.1528
50.112672	393.0876	-50.11267	393.0876	50.112672	-393.0876	-50.11267	-393.0876
50.129282	392.0215	-50.12928	392.0215	50.129282	-392.0215	-50.12928	-392.0215
50.144393	390.95446	-50.14439	390.95446	50.144393	-390.9545	-50.14439	-390.9545
50.157887	389.88643	-50.15789	389.88643	50.157887	-389.8864	-50.15789	-389.8864
50.169644	388.81736	-50.16964	388.81736	50.169644	-388.8174	-50.16964	-388.8174
50.179548	387.7472	-50.17955	387.7472	50.179548	-387.7472	-50.17955	-387.7472
50.187478	386.67592	-50.18748	386.67592	50.187478	-386.6759	-50.18748	-386.6759
50.193357	385.60345	-50.19336	385.60345	50.193357	-385.6035	-50.19336	-385.6035
50.197251	384.52979	-50.19725	384.52979	50.197251	-384.5298	-50.19725	-384.5298
50.199267	383.45491	-50.19927	383.45491	50.199267	-383.4549	-50.19927	-383.4549
50.199511	382.37881	-50.19951	382.37881	50.199511	-382.3788	-50.19951	-382.3788
50.19809	381.30147	-50.19809	381.30147	50.19809	-381.3015	-50.19809	-381.3015
50.195108	380.22287	-50.19511	380.22287	50.195108	-380.2229	-50.19511	-380.2229
50.190672	379.14302	-50.19067	379.14302	50.190672	-379.143	-50.19067	-379.143
50.184889	378.06191	-50.18489	378.06191	50.184889	-378.0619	-50.18489	-378.0619
50.177863	376.97951	-50.17786	376.97951	50.177863	-376.9795	-50.17786	-376.9795
50.1697	375.89583	-50.1697	375.89583	50.1697	-375.8958	-50.1697	-375.8958
50.160508	374.81087	-50.16051	374.81087	50.160508	-374.8109	-50.16051	-374.8109
50.15039	373.72461	-50.15039	373.72461	50.15039	-373.7246	-50.15039	-373.7246
50.139454	372.63705	-50.13945	372.63705	50.139454	-372.637	-50.13945	-372.637
50.127805	371.54819	-50.1278	371.54819	50.127805	-371.5482	-50.1278	-371.5482
50.115548	370.45804	-50.11555	370.45804	50.115548	-370.458	-50.11555	-370.458
50.102789	369.36658	-50.10279	369.36658	50.102789	-369.3666	-50.10279	-369.3666
50.089633	368.27382	-50.08963	368.27382	50.089633	-368.2738	-50.08963	-368.2738
50.076186	367.17976	-50.07619	367.17976	50.076186	-367.1798	-50.07619	-367.1798
50.062554	366.0844	-50.06255	366.0844	50.062554	-366.0844	-50.06255	-366.0844
50.04884	364.98775	-50.04884	364.98775	50.04884	-364.9878	-50.04884	-364.9878
50.035151	363.88982	-50.03515	363.88982	50.035151	-363.8898	-50.03515	-363.8898
50.021591	362.7906	-50.02159	362.7906	50.021591	-362.7906	-50.02159	-362.7906
50.008265	361.69011	-50.00827	361.69011	50.008265	-361.6901	-50.00827	-361.6901
49.995279	360.58835	-49.99528	360.58835	49.995279	-360.5883	-49.99528	-360.5883
49.982735	359.48533	-49.98274	359.48533	49.982735	-359.4853	-49.98274	-359.4853
49.970739	358.38107	-49.97074	358.38107	49.970739	-358.3811	-49.97074	-358.3811
49.959396	357.27556	-49.9594	357.27556	49.959396	-357.2756	-49.9594	-357.2756
49.948809	356.16884	-49.94881	356.16884	49.948809	-356.1688	-49.94881	-356.1688
49.939081	355.0609	-49.93908	355.0609	49.939081	-355.0609	-49.93908	-355.0609
49.930318	353.95177	-49.93032	353.95177	49.930318	-353.9518	-49.93032	-353.9518
49.922602	352.84144	-49.9226	352.84144	49.922602	-352.8414	-49.9226	-352.8414
49.915934	351.72993	-49.91593	351.72993	49.915934	-351.7299	-49.91593	-351.7299
49.910295	350.6172	-49.9103	350.6172	49.910295	-350.6172	-49.9103	-350.6172
49.905666	349.50325	-49.90567	349.50325	49.905666	-349.5032	-49.90567	-349.5032
49.902028	348.38806	-49.90203	348.38806	49.902028	-348.3881	-49.90203	-348.3881
49.899362	347.27161	-49.89936	347.27161	49.899362	-347.2716	-49.89936	-347.2716
49.89765	346.1539	-49.89765	346.1539	49.89765	-346.1539	-49.89765	-346.1539
49.896872	345.03491	-49.89687	345.03491	49.896872	-345.0349	-49.89687	-345.0349
49.897011	343.91461	-49.89701	343.91461	49.897011	-343.9146	-49.89701	-343.9146
49.898048	342.793	-49.89805	342.793	49.898048	-342.793	-49.89805	-342.793
49.899965	341.67006	-49.89996	341.67006	49.899965	-341.6701	-49.89996	-341.6701
49.902744	340.54577	-49.90274	340.54577	49.902744	-340.5458	-49.90274	-340.5458
49.906367	339.42012	-49.90637	339.42012	49.906367	-339.4201	-49.90637	-339.4201
49.910817	338.29309	-49.91082	338.29309	49.910817	-338.2931	-49.91082	-338.2931
49.916075	337.16466	-49.91608	337.16466	49.916075	-337.1647	-49.91608	-337.1647
49.922125	336.03482	-49.92213	336.03482	49.922125	-336.0348	-49.92213	-336.0348
49.92895	334.90354	-49.92895	334.90354	49.92895	-334.9035	-49.92895	-334.9035
49.936531	333.77082	-49.93653	333.77082	49.936531	-333.7708	-49.93653	-333.7708
49.944853	332.63662	-49.94485	332.63662	49.944853	-332.6366	-49.94485	-332.6366
49.953898	331.50094	-49.9539	331.50094	49.953898	-331.5009	-49.9539	-331.5009
49.963649	330.36376	-49.96365	330.36376	49.963649	-330.3638	-49.96365	-330.3638

49.974091	329.22505	-49.97409	329.22505	49.974091	-329.2251	-49.97409	-329.2251
49.985207	328.08481	-49.98521	328.08481	49.985207	-328.0848	-49.98521	-328.0848
49.996981	326.943	-49.99698	326.943	49.996981	-326.943	-49.99698	-326.943
50.009397	325.79961	-50.0094	325.79961	50.009397	-325.7996	-50.0094	-325.7996
50.022438	324.65463	-50.02244	324.65463	50.022438	-324.6546	-50.02244	-324.6546
50.03609	323.50802	-50.03609	323.50802	50.03609	-323.508	-50.03609	-323.508
50.050337	322.35978	-50.05034	322.35978	50.050337	-322.3598	-50.05034	-322.3598
50.065163	321.20987	-50.06516	321.20987	50.065163	-321.2099	-50.06516	-321.2099
50.080554	320.05829	-50.08055	320.05829	50.080554	-320.0583	-50.08055	-320.0583
50.096462	318.905	-50.09646	318.905	50.096462	-318.905	-50.09646	-318.905
50.112714	317.74992	-50.11271	317.74992	50.112714	-317.7499	-50.11271	-317.7499
50.129103	316.59297	-50.1291	316.59297	50.129103	-316.593	-50.1291	-316.593
50.145425	315.43406	-50.14542	315.43406	50.145425	-315.4341	-50.14542	-315.4341
50.161476	314.27311	-50.16148	314.27311	50.161476	-314.2731	-50.16148	-314.2731
50.177053	313.11001	-50.17705	313.11001	50.177053	-313.11	-50.17705	-313.11
50.191955	311.94466	-50.19195	311.94466	50.191955	-311.9447	-50.19195	-311.9447
50.20598	310.77699	-50.20598	310.77699	50.20598	-310.777	-50.20598	-310.777
50.218928	309.60688	-50.21893	309.60688	50.218928	-309.6069	-50.21893	-309.6069
50.230599	308.43423	-50.2306	308.43423	50.230599	-308.4342	-50.2306	-308.4342
50.240797	307.25894	-50.2408	307.25894	50.240797	-307.2589	-50.2408	-307.2589
50.249322	306.0809	-50.24932	306.0809	50.249322	-306.0809	-50.24932	-306.0809
50.25598	304.9	-50.25598	304.9	50.25598	-304.9	-50.25598	-304.9
50.260574	303.71614	-50.26057	303.71614	50.260574	-303.7161	-50.26057	-303.7161
50.26291	302.5292	-50.26291	302.5292	50.26291	-302.5292	-50.26291	-302.5292
50.262796	301.33906	-50.2628	301.33906	50.262796	-301.3391	-50.2628	-301.3391
50.260039	300.14562	-50.26004	300.14562	50.260039	-300.1456	-50.26004	-300.1456
50.254448	298.94874	-50.25445	298.94874	50.254448	-298.9487	-50.25445	-298.9487
50.245833	297.74831	-50.24583	297.74831	50.245833	-297.7483	-50.24583	-297.7483
50.234005	296.54421	-50.234	296.54421	50.234005	-296.5442	-50.234	-296.5442
50.218775	295.3363	-50.21878	295.3363	50.218775	-295.3363	-50.21878	-295.3363
50.199958	294.12447	-50.19996	294.12447	50.199958	-294.1245	-50.19996	-294.1245
50.177368	292.90858	-50.17737	292.90858	50.177368	-292.9086	-50.17737	-292.9086
50.15082	291.68851	-50.15082	291.68851	50.15082	-291.6885	-50.15082	-291.6885
50.120131	290.4641	-50.12013	290.4641	50.120131	-290.4641	-50.12013	-290.4641
50.085118	289.23524	-50.08512	289.23524	50.085118	-289.2352	-50.08512	-289.2352
50.045602	288.00179	-50.0456	288.00179	50.045602	-288.0018	-50.0456	-288.0018
50.001402	286.76359	-50.0014	286.76359	50.001402	-286.7636	-50.0014	-286.7636
49.952339	285.52052	-49.95234	285.52052	49.952339	-285.5205	-49.95234	-285.5205
49.898237	284.27242	-49.89824	284.27242	49.898237	-284.2724	-49.89824	-284.2724
49.839094	283.01922	-49.83909	283.01922	49.839094	-283.0192	-49.83909	-283.0192
49.77561	281.76115	-49.77561	281.76115	49.77561	-281.7612	-49.77561	-281.7612
49.708659	280.49851	-49.70866	280.49851	49.708659	-280.4985	-49.70866	-280.4985
49.639108	279.2316	-49.63911	279.2316	49.639108	-279.2316	-49.63911	-279.2316
49.567824	277.96076	-49.56782	277.96076	49.567824	-277.9608	-49.56782	-277.9608
49.495668	276.68629	-49.49567	276.68629	49.495668	-276.6863	-49.49567	-276.6863
49.423499	275.40856	-49.4235	275.40856	49.423499	-275.4086	-49.4235	-275.4086
49.35217	274.12789	-49.35217	274.12789	49.35217	-274.1279	-49.35217	-274.1279
49.282534	272.84466	-49.28253	272.84466	49.282534	-272.8447	-49.28253	-272.8447
49.215438	271.55921	-49.21544	271.55921	49.215438	-271.5592	-49.21544	-271.5592
49.151723	270.27193	-49.15172	270.27193	49.151723	-270.2719	-49.15172	-270.2719
49.092231	268.9832	-49.09223	268.9832	49.092231	-268.9832	-49.09223	-268.9832
49.037797	267.6934	-49.0378	267.6934	49.037797	-267.6934	-49.0378	-267.6934
48.989252	266.40294	-48.98925	266.40294	48.989252	-266.4029	-48.98925	-266.4029
48.947423	265.11222	-48.94742	265.11222	48.947423	-265.1122	-48.94742	-265.1122
48.913134	263.82167	-48.91313	263.82167	48.913134	-263.8217	-48.91313	-263.8217
48.887204	262.5317	-48.8872	262.5317	48.887204	-262.5317	-48.8872	-262.5317
48.870448	261.24276	-48.87045	261.24276	48.870448	-261.2428	-48.87045	-261.2428
48.863676	259.95527	-48.86368	259.95527	48.863676	-259.9553	-48.86368	-259.9553
48.867695	258.6697	-48.8677	258.6697	48.867695	-258.6697	-48.8677	-258.6697
48.883307	257.3865	-48.88331	257.3865	48.883307	-257.3865	-48.88331	-257.3865

48.911309	256.10615	-48.91131	256.10615	48.911309	-256.1061	-48.91131	-256.1061
48.952495	254.82911	-48.95249	254.82911	48.952495	-254.8291	-48.95249	-254.8291
49.007651	253.55587	-49.00765	253.55587	49.007651	-253.5559	-49.00765	-253.5559
49.077563	252.28693	-49.07756	252.28693	49.077563	-252.2869	-49.07756	-252.2869
49.16301	251.02278	-49.16301	251.02278	49.16301	-251.0228	-49.16301	-251.0228
49.264765	249.76395	-49.26476	249.76395	49.264765	-249.7639	-49.26476	-249.7639
49.383598	248.51094	-49.3836	248.51094	49.383598	-248.5109	-49.3836	-248.5109
49.520274	247.26427	-49.52027	247.26427	49.520274	-247.2643	-49.52027	-247.2643
49.675553	246.0245	-49.67555	246.0245	49.675553	-246.0245	-49.67555	-246.0245
49.849904	244.79201	-49.8499	244.79201	49.849904	-244.792	-49.8499	-244.792
50.042653	243.56661	-50.04265	243.56661	50.042653	-243.5666	-50.04265	-243.5666
50.252842	242.34797	-50.25284	242.34797	50.252842	-242.348	-50.25284	-242.348
50.479519	241.13573	-50.47952	241.13573	50.479519	-241.1357	-50.47952	-241.1357
50.721736	239.92954	-50.72174	239.92954	50.721736	-239.9295	-50.72174	-239.9295
50.978549	238.72901	-50.97855	238.72901	50.978549	-238.729	-50.97855	-238.729
51.249018	237.53378	-51.24902	237.53378	51.249018	-237.5338	-51.24902	-237.5338
51.53221	236.34344	-51.53221	236.34344	51.53221	-236.3434	-51.53221	-236.3434
51.827192	235.1576	-51.82719	235.1576	51.827192	-235.1576	-51.82719	-235.1576
52.133041	233.97586	-52.13304	233.97586	52.133041	-233.9759	-52.13304	-233.9759
52.448835	232.79779	-52.44884	232.79779	52.448835	-232.7978	-52.44884	-232.7978
52.773658	231.62296	-52.77366	231.62296	52.773658	-231.623	-52.77366	-231.623
53.106599	230.45095	-53.1066	230.45095	53.106599	-230.4509	-53.1066	-230.4509
53.446752	229.28129	-53.44675	229.28129	53.446752	-229.2813	-53.44675	-229.2813
53.793214	228.11353	-53.79321	228.11353	53.793214	-228.1135	-53.79321	-228.1135
54.14509	226.94722	-54.14509	226.94722	54.14509	-226.9472	-54.14509	-226.9472
54.501489	225.78186	-54.50149	225.78186	54.501489	-225.7819	-54.50149	-225.7819
54.861524	224.61699	-54.86152	224.61699	54.861524	-224.617	-54.86152	-224.617
55.224314	223.4521	-55.22431	223.4521	55.224314	-223.4521	-55.22431	-223.4521
55.588984	222.28669	-55.58898	222.28669	55.588984	-222.2867	-55.58898	-222.2867
55.954663	221.12025	-55.95466	221.12025	55.954663	-221.1202	-55.95466	-221.1202
56.320487	219.95226	-56.32049	219.95226	56.320487	-219.9523	-56.32049	-219.9523
56.685595	218.78219	-56.6856	218.78219	56.685595	-218.7822	-56.6856	-218.7822
57.049135	217.6095	-57.04913	217.6095	57.049135	-217.6095	-57.04913	-217.6095
57.410257	216.43364	-57.41026	216.43364	57.410257	-216.4336	-57.41026	-216.4336
57.768118	215.25405	-57.76812	215.25405	57.768118	-215.2541	-57.76812	-215.2541
58.121883	214.07018	-58.12188	214.07018	58.121883	-214.0702	-58.12188	-214.0702
58.470718	212.88143	-58.47072	212.88143	58.470718	-212.8814	-58.47072	-212.8814
58.813799	211.68723	-58.8138	211.68723	58.813799	-211.6872	-58.8138	-211.6872
59.150306	210.48699	-59.15031	210.48699	59.150306	-210.487	-59.15031	-210.487
59.47968	209.28026	-59.47968	209.28026	59.47968	-209.2803	-59.47968	-209.2803
59.802385	208.06722	-59.80238	208.06722	59.802385	-208.0672	-59.80238	-208.0672
60.119138	206.84822	-60.11914	206.84822	60.119138	-206.8482	-60.11914	-206.8482
60.430651	205.6236	-60.43065	205.6236	60.430651	-205.6236	-60.43065	-205.6236
60.737633	204.39373	-60.73763	204.39373	60.737633	-204.3937	-60.73763	-204.3937
61.040788	203.15897	-61.04079	203.15897	61.040788	-203.159	-61.04079	-203.159
61.340816	201.9197	-61.34082	201.9197	61.340816	-201.9197	-61.34082	-201.9197
61.638414	200.67629	-61.63841	200.67629	61.638414	-200.6763	-61.63841	-200.6763
61.934273	199.42913	-61.93427	199.42913	61.934273	-199.4291	-61.93427	-199.4291
62.22908	198.17861	-62.22908	198.17861	62.22908	-198.1786	-62.22908	-198.1786
62.52352	196.92515	-62.52352	196.92515	62.52352	-196.9251	-62.52352	-196.9251
62.818271	195.66913	-62.81827	195.66913	62.818271	-195.6691	-62.81827	-195.6691
63.114008	194.41099	-63.11401	194.41099	63.114008	-194.411	-63.11401	-194.411
63.411402	193.15114	-63.4114	193.15114	63.411402	-193.1511	-63.4114	-193.1511
63.711118	191.89001	-63.71112	191.89001	63.711118	-191.89	-63.71112	-191.89
64.013817	190.62804	-64.01382	190.62804	64.013817	-190.628	-64.01382	-190.628
64.320157	189.36567	-64.32016	189.36567	64.320157	-189.3657	-64.32016	-189.3657
64.630789	188.10335	-64.63079	188.10335	64.630789	-188.1033	-64.63079	-188.1033
64.946361	186.84153	-64.94636	186.84153	64.946361	-186.8415	-64.94636	-186.8415
65.267517	185.58068	-65.26752	185.58068	65.267517	-185.5807	-65.26752	-185.5807
65.594893	184.32127	-65.59489	184.32127	65.594893	-184.3213	-65.59489	-184.3213

65.929124	183.06378	-65.92912	183.06378	65.929124	-183.0638	-65.92912	-183.0638
66.270837	181.80868	-66.27084	181.80868	66.270837	-181.8087	-66.27084	-181.8087
66.620657	180.55648	-66.62066	180.55648	66.620657	-180.5565	-66.62066	-180.5565
66.979203	179.30766	-66.9792	179.30766	66.979203	-179.3077	-66.9792	-179.3077
67.347088	178.06272	-67.34709	178.06272	67.347088	-178.0627	-67.34709	-178.0627
67.724921	176.82219	-67.72492	176.82219	67.724921	-176.8222	-67.72492	-176.8222
68.113306	175.58656	-68.11331	175.58656	68.113306	-175.5866	-68.11331	-175.5866
68.512842	174.35638	-68.51284	174.35638	68.512842	-174.3564	-68.51284	-174.3564
68.924121	173.13216	-68.92412	173.13216	68.924121	-173.1322	-68.92412	-173.1322
69.347584	171.91433	-69.34758	171.91433	69.347584	-171.9143	-69.34758	-171.9143
69.78307	170.70289	-69.78307	170.70289	69.78307	-170.7029	-69.78307	-170.7029
70.230269	169.49771	-70.23027	169.49771	70.230269	-169.4977	-70.23027	-169.4977
70.688872	168.29869	-70.68887	168.29869	70.688872	-168.2987	-70.68887	-168.2987
71.158576	167.10568	-71.15858	167.10568	71.158576	-167.1057	-71.15858	-167.1057
71.639074	165.91857	-71.63907	165.91857	71.639074	-165.9186	-71.63907	-165.9186
72.130066	164.73723	-72.13007	164.73723	72.130066	-164.7372	-72.13007	-164.7372
72.631249	163.56152	-72.63125	163.56152	72.631249	-163.5615	-72.63125	-163.5615
73.142325	162.39131	-73.14232	162.39131	73.142325	-162.3913	-73.14232	-162.3913
73.662997	161.22645	-73.663	161.22645	73.662997	-161.2265	-73.663	-161.2265
74.192968	160.06681	-74.19297	160.06681	74.192968	-160.0668	-74.19297	-160.0668
74.731947	158.91225	-74.73195	158.91225	74.731947	-158.9123	-74.73195	-158.9123
75.27964	157.76261	-75.27964	157.76261	75.27964	-157.7626	-75.27964	-157.7626
75.835758	156.61775	-75.83576	156.61775	75.835758	-156.6177	-75.83576	-156.6177
76.400012	155.47751	-76.40001	155.47751	76.400012	-155.4775	-76.40001	-155.4775
76.972117	154.34173	-76.97212	154.34173	76.972117	-154.3417	-76.97212	-154.3417
77.551788	153.21027	-77.55179	153.21027	77.551788	-153.2103	-77.55179	-153.2103
78.138743	152.08295	-78.13874	152.08295	78.138743	-152.0829	-78.13874	-152.0829
78.732701	150.95961	-78.7327	150.95961	78.732701	-150.9596	-78.7327	-150.9596
79.333384	149.84008	-79.33338	149.84008	79.333384	-149.8401	-79.33338	-149.8401
79.940516	148.7242	-79.94052	148.7242	79.940516	-148.7242	-79.94052	-148.7242
80.553821	147.6118	-80.55382	147.6118	80.553821	-147.6118	-80.55382	-147.6118
81.173028	146.50269	-81.17303	146.50269	81.173028	-146.5027	-81.17303	-146.5027
81.797866	145.39669	-81.79787	145.39669	81.797866	-145.3967	-81.79787	-145.3967
82.428067	144.29364	-82.42807	144.29364	82.428067	-144.2936	-82.42807	-144.2936
83.063364	143.19334	-83.06336	143.19334	83.063364	-143.1933	-83.06336	-143.1933
83.703492	142.09561	-83.70349	142.09561	83.703492	-142.0956	-83.70349	-142.0956
84.348191	141.00025	-84.34819	141.00025	84.348191	-141.0003	-84.34819	-141.0003
84.997199	139.90709	-84.9972	139.90709	84.997199	-139.9071	-84.9972	-139.9071
85.65026	138.81591	-85.65026	138.81591	85.65026	-138.8159	-85.65026	-138.8159
86.30721	137.72662	-86.30721	137.72662	86.30721	-137.7266	-86.30721	-137.7266
86.968265	136.6394	-86.96826	136.6394	86.968265	-136.6394	-86.96826	-136.6394
87.633728	135.55456	-87.63373	135.55456	87.633728	-135.5546	-87.63373	-135.5546
88.303904	134.47237	-88.3039	134.47237	88.303904	-134.4724	-88.3039	-134.4724
88.97909	133.39315	-88.97909	133.39315	88.97909	-133.3931	-88.97909	-133.3931
89.659584	132.31718	-89.65958	132.31718	89.659584	-132.3172	-89.65958	-132.3172
90.345679	131.24477	-90.34568	131.24477	90.345679	-131.2448	-90.34568	-131.2448
91.037666	130.17621	-91.03767	130.17621	91.037666	-130.1762	-91.03767	-130.1762
91.735831	129.11183	-91.73583	129.11183	91.735831	-129.1118	-91.73583	-129.1118
92.44046	128.05193	-92.44046	128.05193	92.44046	-128.0519	-92.44046	-128.0519
93.151834	126.99683	-93.15183	126.99683	93.151834	-126.9968	-93.15183	-126.9968
93.87023	125.94683	-93.87023	125.94683	93.87023	-125.9468	-93.87023	-125.9468
94.595925	124.90227	-94.59593	124.90227	94.595925	-124.9023	-94.59593	-124.9023
95.32919	123.86346	-95.32919	123.86346	95.32919	-123.8635	-95.32919	-123.8635
96.070294	122.83073	-96.07029	122.83073	96.070294	-122.8307	-96.07029	-122.8307
96.819503	121.80442	-96.8195	121.80442	96.819503	-121.8044	-96.8195	-121.8044
97.577079	120.78484	-97.57708	120.78484	97.577079	-120.7848	-97.57708	-120.7848
98.343282	119.77235	-98.34328	119.77235	98.343282	-119.7723	-98.34328	-119.7723
99.118368	118.76727	-99.11837	118.76727	99.118368	-118.7673	-99.11837	-118.7673
99.902589	117.76995	-99.90259	117.76995	99.902589	-117.7699	-99.90259	-117.7699
100.69619	116.78073	-100.6962	116.78073	100.69619	-116.7807	-100.6962	-116.7807

101.49943	115.79996	-101.4994	115.79996	101.49943	-115.8	-101.4994	-115.8
102.31254	114.82799	-102.3125	114.82799	102.31254	-114.828	-102.3125	-114.828
103.13577	113.86516	-103.1358	113.86516	103.13577	-113.8652	-103.1358	-113.8652
103.96935	112.91185	-103.9693	112.91185	103.96935	-112.9118	-103.9693	-112.9118
104.81351	111.9684	-104.8135	111.9684	104.81351	-111.9684	-104.8135	-111.9684
105.66848	111.03517	-105.6685	111.03517	105.66848	-111.0352	-105.6685	-111.0352
106.53449	110.11254	-106.5345	110.11254	106.53449	-110.1125	-106.5345	-110.1125
107.41176	109.20086	-107.4118	109.20086	107.41176	-109.2009	-107.4118	-109.2009
108.30052	108.30051	-108.3005	108.30051	108.30052	-108.3005	-108.3005	-108.3005
109.20087	107.41175	-109.2009	107.41175	109.20087	-107.4118	-109.2009	-107.4118
110.11255	106.53448	-110.1126	106.53448	110.11255	-106.5345	-110.1126	-106.5345
111.03519	105.66847	-111.0352	105.66847	111.03519	-105.6685	-111.0352	-105.6685
111.96841	104.81349	-111.9684	104.81349	111.96841	-104.8135	-111.9684	-104.8135
112.91186	103.96933	-112.9119	103.96933	112.91186	-103.9693	-112.9119	-103.9693
113.86518	103.13576	-113.8652	103.13576	113.86518	-103.1358	-113.8652	-103.1358
114.828	102.31253	-114.828	102.31253	114.828	-102.3125	-114.828	-102.3125
115.79997	101.49942	-115.8	101.49942	115.79997	-101.4994	-115.8	-101.4994
116.78074	100.69618	-116.7807	100.69618	116.78074	-100.6962	-116.7807	-100.6962
117.76996	99.902577	-117.77	99.902577	117.76996	-99.90258	-117.77	-99.90258
118.76729	99.118356	-118.7673	99.118356	118.76729	-99.11836	-118.7673	-99.11836
119.77236	98.343271	-119.7724	98.343271	119.77236	-98.34327	-119.7724	-98.34327
120.78486	97.577068	-120.7849	97.577068	120.78486	-97.57707	-120.7849	-97.57707
121.80443	96.819492	-121.8044	96.819492	121.80443	-96.81949	-121.8044	-96.81949
122.83075	96.070283	-122.8307	96.070283	122.83075	-96.07028	-122.8307	-96.07028
123.86348	95.329179	-123.8635	95.329179	123.86348	-95.32918	-123.8635	-95.32918
124.90228	94.595914	-124.9023	94.595914	124.90228	-94.59591	-124.9023	-94.59591
125.94685	93.87022	-125.9468	93.87022	125.94685	-93.87022	-125.9468	-93.87022
126.99684	93.151823	-126.9968	93.151823	126.99684	-93.15182	-126.9968	-93.15182
128.05195	92.44045	-128.0519	92.44045	128.05195	-92.44045	-128.0519	-92.44045
129.11185	91.735821	-129.1118	91.735821	129.11185	-91.73582	-129.1118	-91.73582
130.17623	91.037655	-130.1762	91.037655	130.17623	-91.03766	-130.1762	-91.03766
131.24478	90.345669	-131.2448	90.345669	131.24478	-90.34567	-131.2448	-90.34567
132.31719	89.659574	-132.3172	89.659574	132.31719	-89.65957	-132.3172	-89.65957
133.39316	88.97908	-133.3932	88.97908	133.39316	-88.97908	-133.3932	-88.97908
134.47239	88.303894	-134.4724	88.303894	134.47239	-88.30389	-134.4724	-88.30389
135.55457	87.633719	-135.5546	87.633719	135.55457	-87.63372	-135.5546	-87.63372
136.63942	86.968255	-136.6394	86.968255	136.63942	-86.96825	-136.6394	-86.96825
137.72663	86.307201	-137.7266	86.307201	137.72663	-86.3072	-137.7266	-86.3072
138.81593	85.65025	-138.8159	85.65025	138.81593	-85.65025	-138.8159	-85.65025
139.9071	84.99719	-139.9071	84.99719	139.9071	-84.99719	-139.9071	-84.99719
141.00027	84.348182	-141.0003	84.348182	141.00027	-84.34818	-141.0003	-84.34818
142.09562	83.703483	-142.0956	83.703483	142.09562	-83.70348	-142.0956	-83.70348
143.19336	83.063354	-143.1934	83.063354	143.19336	-83.06335	-143.1934	-83.06335
144.29366	82.428058	-144.2937	82.428058	144.29366	-82.42806	-144.2937	-82.42806
145.39671	81.797857	-145.3967	81.797857	145.39671	-81.79786	-145.3967	-81.79786
146.5027	81.173019	-146.5027	81.173019	146.5027	-81.17302	-146.5027	-81.17302
147.61181	80.553813	-147.6118	80.553813	147.61181	-80.55381	-147.6118	-80.55381
148.72422	79.940507	-148.7242	79.940507	148.72422	-79.94051	-148.7242	-79.94051
149.8401	79.333376	-149.8401	79.333376	149.8401	-79.33338	-149.8401	-79.33338
150.95962	78.732693	-150.9596	78.732693	150.95962	-78.73269	-150.9596	-78.73269
152.08296	78.138734	-152.083	78.138734	152.08296	-78.13873	-152.083	-78.13873
153.21028	77.55178	-153.2103	77.55178	153.21028	-77.55178	-153.2103	-77.55178
154.34175	76.972109	-154.3417	76.972109	154.34175	-76.97211	-154.3417	-76.97211
155.47752	76.400004	-155.4775	76.400004	155.47752	-76.4	-155.4775	-76.4
156.61777	75.835749	-156.6178	75.835749	156.61777	-75.83575	-156.6178	-75.83575
157.76263	75.279632	-157.7626	75.279632	157.76263	-75.27963	-157.7626	-75.27963
158.91227	74.731939	-158.9123	74.731939	158.91227	-74.73194	-158.9123	-74.73194
160.06683	74.192961	-160.0668	74.192961	160.06683	-74.19296	-160.0668	-74.19296
161.22647	73.662989	-161.2265	73.662989	161.22647	-73.66299	-161.2265	-73.66299
162.39132	73.142317	-162.3913	73.142317	162.39132	-73.14232	-162.3913	-73.14232

163.56154	72.631242	-163.5615	72.631242	163.56154	-72.63124	-163.5615	-72.63124
164.73725	72.130058	-164.7372	72.130058	164.73725	-72.13006	-164.7372	-72.13006
165.91859	71.639067	-165.9186	71.639067	165.91859	-71.63907	-165.9186	-71.63907
167.1057	71.158569	-167.1057	71.158569	167.1057	-71.15857	-167.1057	-71.15857
168.2987	70.688866	-168.2987	70.688866	168.2987	-70.68887	-168.2987	-70.68887
169.49773	70.230262	-169.4977	70.230262	169.49773	-70.23026	-169.4977	-70.23026
170.70291	69.783064	-170.7029	69.783064	170.70291	-69.78306	-170.7029	-69.78306
171.91435	69.347578	-171.9143	69.347578	171.91435	-69.34758	-171.9143	-69.34758
173.13218	68.924115	-173.1322	68.924115	173.13218	-68.92412	-173.1322	-68.92412
174.3564	68.512836	-174.3564	68.512836	174.3564	-68.51284	-174.3564	-68.51284
175.58658	68.1133	-175.5866	68.1133	175.58658	-68.1133	-175.5866	-68.1133
176.8222	67.724916	-176.8222	67.724916	176.8222	-67.72492	-176.8222	-67.72492
178.06274	67.347083	-178.0627	67.347083	178.06274	-67.34708	-178.0627	-67.34708
179.30767	66.979198	-179.3077	66.979198	179.30767	-66.9792	-179.3077	-66.9792
180.55649	66.620652	-180.5565	66.620652	180.55649	-66.62065	-180.5565	-66.62065
181.8087	66.270832	-181.8087	66.270832	181.8087	-66.27083	-181.8087	-66.27083
183.0638	65.929119	-183.0638	65.929119	183.0638	-65.92912	-183.0638	-65.92912
184.32129	65.594888	-184.3213	65.594888	184.32129	-65.59489	-184.3213	-65.59489
185.5807	65.267512	-185.5807	65.267512	185.5807	-65.26751	-185.5807	-65.26751
186.84155	64.946357	-186.8415	64.946357	186.84155	-64.94636	-186.8415	-64.94636
188.10337	64.630785	-188.1034	64.630785	188.10337	-64.63078	-188.1034	-64.63078
189.36569	64.320152	-189.3657	64.320152	189.36569	-64.32015	-189.3657	-64.32015
190.62806	64.013813	-190.6281	64.013813	190.62806	-64.01381	-190.6281	-64.01381
191.89003	63.711113	-191.89	63.711113	191.89003	-63.71111	-191.89	-63.71111
193.15116	63.411398	-193.1512	63.411398	193.15116	-63.4114	-193.1512	-63.4114
194.41101	63.114004	-194.411	63.114004	194.41101	-63.114	-194.411	-63.114
195.66915	62.818267	-195.6692	62.818267	195.66915	-62.81827	-195.6692	-62.81827
196.92516	62.523516	-196.9252	62.523516	196.92516	-62.52352	-196.9252	-62.52352
198.17863	62.229076	-198.1786	62.229076	198.17863	-62.22908	-198.1786	-62.22908
199.42914	61.934268	-199.4291	61.934268	199.42914	-61.93427	-199.4291	-61.93427
200.6763	61.63841	-200.6763	61.63841	200.6763	-61.63841	-200.6763	-61.63841
201.91971	61.340812	-201.9197	61.340812	201.91971	-61.34081	-201.9197	-61.34081
203.15899	61.040784	-203.159	61.040784	203.15899	-61.04078	-203.159	-61.04078
204.39375	60.737629	-204.3937	60.737629	204.39375	-60.73763	-204.3937	-60.73763
205.62362	60.430647	-205.6236	60.430647	205.62362	-60.43065	-205.6236	-60.43065
206.84824	60.119133	-206.8482	60.119133	206.84824	-60.11913	-206.8482	-60.11913
208.06724	59.80238	-208.0672	59.80238	208.06724	-59.80238	-208.0672	-59.80238
209.28028	59.479675	-209.2803	59.479675	209.28028	-59.47967	-209.2803	-59.47967
210.48701	59.150301	-210.487	59.150301	210.48701	-59.1503	-210.487	-59.1503
211.68725	58.813794	-211.6873	58.813794	211.68725	-58.81379	-211.6873	-58.81379
212.88145	58.470713	-212.8814	58.470713	212.88145	-58.47071	-212.8814	-58.47071
214.07019	58.121878	-214.0702	58.121878	214.07019	-58.12188	-214.0702	-58.12188
215.25407	57.768113	-215.2541	57.768113	215.25407	-57.76811	-215.2541	-57.76811
216.43366	57.410252	-216.4337	57.410252	216.43366	-57.41025	-216.4337	-57.41025
217.60952	57.04913	-217.6095	57.04913	217.60952	-57.04913	-217.6095	-57.04913
218.78221	56.68559	-218.7822	56.68559	218.78221	-56.68559	-218.7822	-56.68559
219.95228	56.320481	-219.9523	56.320481	219.95228	-56.32048	-219.9523	-56.32048
221.12027	55.954658	-221.1203	55.954658	221.12027	-55.95466	-221.1203	-55.95466
222.2867	55.588978	-222.2867	55.588978	222.2867	-55.58898	-222.2867	-55.58898
223.45211	55.224308	-223.4521	55.224308	223.45211	-55.22431	-223.4521	-55.22431
224.617	54.861518	-224.617	54.861518	224.617	-54.86152	-224.617	-54.86152
225.78188	54.501483	-225.7819	54.501483	225.78188	-54.50148	-225.7819	-54.50148
226.94723	54.145085	-226.9472	54.145085	226.94723	-54.14509	-226.9472	-54.14509
228.11355	53.793209	-228.1135	53.793209	228.11355	-53.79321	-228.1135	-53.79321
229.2813	53.446747	-229.2813	53.446747	229.2813	-53.44675	-229.2813	-53.44675
230.45096	53.106594	-230.451	53.106594	230.45096	-53.10659	-230.451	-53.10659
231.62298	52.773654	-231.623	52.773654	231.62298	-52.77365	-231.623	-52.77365
232.79781	52.448831	-232.7978	52.448831	232.79781	-52.44883	-232.7978	-52.44883
233.97588	52.133037	-233.9759	52.133037	233.97588	-52.13304	-233.9759	-52.13304
235.15762	51.827188	-235.1576	51.827188	235.15762	-51.82719	-235.1576	-51.82719

236.34346	51.532205	-236.3435	51.532205	236.34346	-51.53221	-236.3435	-51.53221
237.53379	51.249014	-237.5338	51.249014	237.53379	-51.24901	-237.5338	-51.24901
238.72903	50.978545	-238.729	50.978545	238.72903	-50.97854	-238.729	-50.97854
239.92955	50.721732	-239.9296	50.721732	239.92955	-50.72173	-239.9296	-50.72173
241.13575	50.479516	-241.1358	50.479516	241.13575	-50.47952	-241.1358	-50.47952
242.34799	50.252839	-242.348	50.252839	242.34799	-50.25284	-242.348	-50.25284
243.56663	50.04265	-243.5666	50.04265	243.56663	-50.04265	-243.5666	-50.04265
244.79203	49.849901	-244.792	49.849901	244.79203	-49.8499	-244.792	-49.8499
246.02452	49.675551	-246.0245	49.675551	246.02452	-49.67555	-246.0245	-49.67555
247.26429	49.520272	-247.2643	49.520272	247.26429	-49.52027	-247.2643	-49.52027
248.51095	49.383596	-248.511	49.383596	248.51095	-49.3836	-248.511	-49.3836
249.76397	49.264763	-249.764	49.264763	249.76397	-49.26476	-249.764	-49.26476
251.0228	49.163008	-251.0228	49.163008	251.0228	-49.16301	-251.0228	-49.16301
252.28695	49.077562	-252.2869	49.077562	252.28695	-49.07756	-252.2869	-49.07756
253.55589	49.00765	-253.5559	49.00765	253.55589	-49.00765	-253.5559	-49.00765
254.82913	48.952494	-254.8291	48.952494	254.82913	-48.95249	-254.8291	-48.95249
256.10616	48.911309	-256.1062	48.911309	256.10616	-48.91131	-256.1062	-48.91131
257.38652	48.883307	-257.3865	48.883307	257.38652	-48.88331	-257.3865	-48.88331
258.66972	48.867695	-258.6697	48.867695	258.66972	-48.8677	-258.6697	-48.8677
259.95529	48.863676	-259.9553	48.863676	259.95529	-48.86368	-259.9553	-48.86368
261.24277	48.870448	-261.2428	48.870448	261.24277	-48.87045	-261.2428	-48.87045
262.53172	48.887204	-262.5317	48.887204	262.53172	-48.8872	-262.5317	-48.8872
263.82169	48.913134	-263.8217	48.913134	263.82169	-48.91313	-263.8217	-48.91313
265.11224	48.947423	-265.1122	48.947423	265.11224	-48.94742	-265.1122	-48.94742
266.40296	48.989252	-266.403	48.989252	266.40296	-48.98925	-266.403	-48.98925
267.69342	49.037798	-267.6934	49.037798	267.69342	-49.0378	-267.6934	-49.0378
268.98322	49.092232	-268.9832	49.092232	268.98322	-49.09223	-268.9832	-49.09223
270.27195	49.151724	-270.2719	49.151724	270.27195	-49.15172	-270.2719	-49.15172
271.55923	49.215439	-271.5592	49.215439	271.55923	-49.21544	-271.5592	-49.21544
272.84468	49.282535	-272.8447	49.282535	272.84468	-49.28254	-272.8447	-49.28254
274.12791	49.352171	-274.1279	49.352171	274.12791	-49.35217	-274.1279	-49.35217
275.40858	49.4235	-275.4086	49.4235	275.40858	-49.4235	-275.4086	-49.4235
276.68631	49.495669	-276.6863	49.495669	276.68631	-49.49567	-276.6863	-49.49567
277.96077	49.567825	-277.9608	49.567825	277.96077	-49.56782	-277.9608	-49.56782
279.23162	49.639109	-279.2316	49.639109	279.23162	-49.63911	-279.2316	-49.63911
280.49853	49.70866	-280.4985	49.70866	280.49853	-49.70866	-280.4985	-49.70866
281.76117	49.775611	-281.7612	49.775611	281.76117	-49.77561	-281.7612	-49.77561
283.01924	49.839094	-283.0192	49.839094	283.01924	-49.83909	-283.0192	-49.83909
284.27244	49.898237	-284.2724	49.898237	284.27244	-49.89824	-284.2724	-49.89824
285.52054	49.95234	-285.5205	49.95234	285.52054	-49.95234	-285.5205	-49.95234
286.76361	50.001402	-286.7636	50.001402	286.76361	-50.0014	-286.7636	-50.0014
288.0018	50.045603	-288.0018	50.045603	288.0018	-50.0456	-288.0018	-50.0456
289.23526	50.085119	-289.2353	50.085119	289.23526	-50.08512	-289.2353	-50.08512
290.46412	50.120131	-290.4641	50.120131	290.46412	-50.12013	-290.4641	-50.12013
291.68852	50.15082	-291.6885	50.15082	291.68852	-50.15082	-291.6885	-50.15082
292.9086	50.177368	-292.9086	50.177368	292.9086	-50.17737	-292.9086	-50.17737
294.12449	50.199959	-294.1245	50.199959	294.12449	-50.19996	-294.1245	-50.19996
295.33632	50.218775	-295.3363	50.218775	295.33632	-50.21878	-295.3363	-50.21878
296.54423	50.234005	-296.5442	50.234005	296.54423	-50.234	-296.5442	-50.234
297.74833	50.245833	-297.7483	50.245833	297.74833	-50.24583	-297.7483	-50.24583
298.94876	50.254448	-298.9488	50.254448	298.94876	-50.25445	-298.9488	-50.25445
300.14563	50.260039	-300.1456	50.260039	300.14563	-50.26004	-300.1456	-50.26004
301.33908	50.262796	-301.3391	50.262796	301.33908	-50.2628	-301.3391	-50.2628
302.52922	50.26291	-302.5292	50.26291	302.52922	-50.26291	-302.5292	-50.26291
303.71616	50.260574	-303.7162	50.260574	303.71616	-50.26057	-303.7162	-50.26057
304.90002	50.255979	-304.9	50.255979	304.90002	-50.25598	-304.9	-50.25598
306.08091	50.249322	-306.0809	50.249322	306.08091	-50.24932	-306.0809	-50.24932
307.25895	50.240796	-307.259	50.240796	307.25895	-50.2408	-307.259	-50.2408
308.43424	50.230599	-308.4342	50.230599	308.43424	-50.2306	-308.4342	-50.2306
309.60689	50.218927	-309.6069	50.218927	309.60689	-50.21893	-309.6069	-50.21893

310.77701	50.20598	-310.777	50.20598	310.77701	-50.20598	-310.777	-50.20598
311.94468	50.191955	-311.9447	50.191955	311.94468	-50.19195	-311.9447	-50.19195
313.11002	50.177053	-313.11	50.177053	313.11002	-50.17705	-313.11	-50.17705
314.27312	50.161476	-314.2731	50.161476	314.27312	-50.16148	-314.2731	-50.16148
315.43408	50.145424	-315.4341	50.145424	315.43408	-50.14542	-315.4341	-50.14542
316.59299	50.129102	-316.593	50.129102	316.59299	-50.1291	-316.593	-50.1291
317.74994	50.112713	-317.7499	50.112713	317.74994	-50.11271	-317.7499	-50.11271
318.90502	50.096462	-318.905	50.096462	318.90502	-50.09646	-318.905	-50.09646
320.05831	50.080553	-320.0583	50.080553	320.05831	-50.08055	-320.0583	-50.08055
321.20989	50.065163	-321.2099	50.065163	321.20989	-50.06516	-321.2099	-50.06516
322.35979	50.050337	-322.3598	50.050337	322.35979	-50.05034	-322.3598	-50.05034
323.50804	50.03609	-323.508	50.03609	323.50804	-50.03609	-323.508	-50.03609
324.65464	50.022438	-324.6546	50.022438	324.65464	-50.02244	-324.6546	-50.02244
325.79963	50.009396	-325.7996	50.009396	325.79963	-50.0094	-325.7996	-50.0094
326.94302	49.996981	-326.943	49.996981	326.94302	-49.99698	-326.943	-49.99698
328.08482	49.985207	-328.0848	49.985207	328.08482	-49.98521	-328.0848	-49.98521
329.22507	49.974091	-329.2251	49.974091	329.22507	-49.97409	-329.2251	-49.97409
330.36378	49.963649	-330.3638	49.963649	330.36378	-49.96365	-330.3638	-49.96365
331.50096	49.953898	-331.501	49.953898	331.50096	-49.9539	-331.501	-49.9539
332.63664	49.944853	-332.6366	49.944853	332.63664	-49.94485	-332.6366	-49.94485
333.77083	49.936531	-333.7708	49.936531	333.77083	-49.93653	-333.7708	-49.93653
334.90356	49.92895	-334.9036	49.92895	334.90356	-49.92895	-334.9036	-49.92895
336.03483	49.922125	-336.0348	49.922125	336.03483	-49.92213	-336.0348	-49.92213
337.16468	49.916075	-337.1647	49.916075	337.16468	-49.91608	-337.1647	-49.91608
338.29311	49.910817	-338.2931	49.910817	338.29311	-49.91082	-338.2931	-49.91082
339.42014	49.906367	-339.4201	49.906367	339.42014	-49.90637	-339.4201	-49.90637
340.54579	49.902744	-340.5458	49.902744	340.54579	-49.90274	-340.5458	-49.90274
341.67008	49.899965	-341.6701	49.899965	341.67008	-49.89996	-341.6701	-49.89996
342.79302	49.898048	-342.793	49.898048	342.79302	-49.89805	-342.793	-49.89805
343.91463	49.897011	-343.9146	49.897011	343.91463	-49.89701	-343.9146	-49.89701
345.03492	49.896872	-345.0349	49.896872	345.03492	-49.89687	-345.0349	-49.89687
346.15392	49.89765	-346.1539	49.89765	346.15392	-49.89765	-346.1539	-49.89765
347.27163	49.899362	-347.2716	49.899362	347.27163	-49.89936	-347.2716	-49.89936
348.38807	49.902028	-348.3881	49.902028	348.38807	-49.90203	-348.3881	-49.90203
349.50326	49.905666	-349.5033	49.905666	349.50326	-49.90567	-349.5033	-49.90567
350.61721	49.910295	-350.6172	49.910295	350.61721	-49.9103	-350.6172	-49.9103
351.72994	49.915934	-351.7299	49.915934	351.72994	-49.91593	-351.7299	-49.91593
352.84146	49.922602	-352.8415	49.922602	352.84146	-49.9226	-352.8415	-49.9226
353.95178	49.930318	-353.9518	49.930318	353.95178	-49.93032	-353.9518	-49.93032
355.06092	49.939081	-355.0609	49.939081	355.06092	-49.93908	-355.0609	-49.93908
356.16885	49.948809	-356.1689	49.948809	356.16885	-49.94881	-356.1689	-49.94881
357.27558	49.959396	-357.2756	49.959396	357.27558	-49.9594	-357.2756	-49.9594
358.38108	49.97074	-358.3811	49.97074	358.38108	-49.97074	-358.3811	-49.97074
359.48535	49.982735	-359.4853	49.982735	359.48535	-49.98274	-359.4853	-49.98274
360.58837	49.995279	-360.5884	49.995279	360.58837	-49.99528	-360.5884	-49.99528
361.69012	50.008266	-361.6901	50.008266	361.69012	-50.00827	-361.6901	-50.00827
362.79062	50.021591	-362.7906	50.021591	362.79062	-50.02159	-362.7906	-50.02159
363.88984	50.035151	-363.8898	50.035151	363.88984	-50.03515	-363.8898	-50.03515
364.98777	50.04884	-364.9878	50.04884	364.98777	-50.04884	-364.9878	-50.04884
366.08442	50.062554	-366.0844	50.062554	366.08442	-50.06255	-366.0844	-50.06255
367.17977	50.076187	-367.1798	50.076187	367.17977	-50.07619	-367.1798	-50.07619
368.27383	50.089633	-368.2738	50.089633	368.27383	-50.08963	-368.2738	-50.08963
369.36659	50.102789	-369.3666	50.102789	369.36659	-50.10279	-369.3666	-50.10279
370.45805	50.115548	-370.4581	50.115548	370.45805	-50.11555	-370.4581	-50.11555
371.54821	50.127805	-371.5482	50.127805	371.54821	-50.1278	-371.5482	-50.1278
372.63706	50.139454	-372.6371	50.139454	372.63706	-50.13945	-372.6371	-50.13945
373.72462	50.150391	-373.7246	50.150391	373.72462	-50.15039	-373.7246	-50.15039
374.81088	50.160508	-374.8109	50.160508	374.81088	-50.16051	-374.8109	-50.16051
375.89585	50.1697	-375.8958	50.1697	375.89585	-50.1697	-375.8958	-50.1697
376.97953	50.177863	-376.9795	50.177863	376.97953	-50.17786	-376.9795	-50.17786

378.06192	50.184889	-378.0619	50.184889	378.06192	-50.18489	-378.0619	-50.18489
379.14304	50.190672	-379.143	50.190672	379.14304	-50.19067	-379.143	-50.19067
380.22289	50.195108	-380.2229	50.195108	380.22289	-50.19511	-380.2229	-50.19511
381.30148	50.19809	-381.3015	50.19809	381.30148	-50.19809	-381.3015	-50.19809
382.37882	50.199511	-382.3788	50.199511	382.37882	-50.19951	-382.3788	-50.19951
383.45493	50.199267	-383.4549	50.199267	383.45493	-50.19927	-383.4549	-50.19927
384.5298	50.197251	-384.5298	50.197251	384.5298	-50.19725	-384.5298	-50.19725
385.60347	50.193356	-385.6035	50.193356	385.60347	-50.19336	-385.6035	-50.19336
386.67593	50.187478	-386.6759	50.187478	386.67593	-50.18748	-386.6759	-50.18748
387.74722	50.179547	-387.7472	50.179547	387.74722	-50.17955	-387.7472	-50.17955
388.81737	50.169644	-388.8174	50.169644	388.81737	-50.16964	-388.8174	-50.16964
389.88644	50.157887	-389.8864	50.157887	389.88644	-50.15789	-389.8864	-50.15789
390.95448	50.144393	-390.9545	50.144393	390.95448	-50.14439	-390.9545	-50.14439
392.02152	50.129281	-392.0215	50.129281	392.02152	-50.12928	-392.0215	-50.12928
393.08762	50.112671	-393.0876	50.112671	393.08762	-50.11267	-393.0876	-50.11267
394.15282	50.094682	-394.1528	50.094682	394.15282	-50.09468	-394.1528	-50.09468
395.21716	50.075434	-395.2172	50.075434	395.21716	-50.07543	-395.2172	-50.07543
396.28069	50.055045	-396.2807	50.055045	396.28069	-50.05505	-396.2807	-50.05505
397.34344	50.033638	-397.3434	50.033638	397.34344	-50.03364	-397.3434	-50.03364
398.40546	50.011332	-398.4055	50.011332	398.40546	-50.01133	-398.4055	-50.01133
399.46678	49.988249	-399.4668	49.988249	399.46678	-49.98825	-399.4668	-49.98825
400.52743	49.964509	-400.5274	49.964509	400.52743	-49.96451	-400.5274	-49.96451
401.58746	49.940235	-401.5875	49.940235	401.58746	-49.94023	-401.5875	-49.94023
402.6469	49.915547	-402.6469	49.915547	402.6469	-49.91555	-402.6469	-49.91555
403.70577	49.890569	-403.7058	49.890569	403.70577	-49.89057	-403.7058	-49.89057
404.76412	49.865422	-404.7641	49.865422	404.76412	-49.86542	-404.7641	-49.86542
405.82196	49.84023	-405.822	49.84023	405.82196	-49.84023	-405.822	-49.84023
406.87934	49.815115	-406.8793	49.815115	406.87934	-49.81511	-406.8793	-49.81511
407.93627	49.7902	-407.9363	49.7902	407.93627	-49.7902	-407.9363	-49.7902
408.99278	49.765608	-408.9928	49.765608	408.99278	-49.76561	-408.9928	-49.76561
410.0489	49.741464	-410.0489	49.741464	410.0489	-49.74146	-410.0489	-49.74146
411.10465	49.71789	-411.1047	49.71789	411.10465	-49.71789	-411.1047	-49.71789
412.16005	49.695011	-412.1601	49.695011	412.16005	-49.69501	-412.1601	-49.69501
413.21513	49.672952	-413.2151	49.672952	413.21513	-49.67295	-413.2151	-49.67295
414.26989	49.651835	-414.2699	49.651835	414.26989	-49.65184	-414.2699	-49.65184
415.32437	49.631787	-415.3244	49.631787	415.32437	-49.63179	-415.3244	-49.63179
416.37857	49.612931	-416.3786	49.612931	416.37857	-49.61293	-416.3786	-49.61293
417.43252	49.595393	-417.4325	49.595393	417.43252	-49.59539	-417.4325	-49.59539
418.48622	49.579298	-418.4862	49.579298	418.48622	-49.5793	-418.4862	-49.5793
419.54466	49.630106	-419.5447	49.630106	419.54466	-49.63011	-419.5447	-49.63011
420.60226	49.678776	-420.6023	49.678776	420.60226	-49.67878	-420.6023	-49.67878
421.65904	49.725187	-421.659	49.725187	421.65904	-49.72519	-421.659	-49.72519
422.71502	49.769219	-422.715	49.769219	422.71502	-49.76922	-422.715	-49.76922
423.77023	49.810752	-423.7702	49.810752	423.77023	-49.81075	-423.7702	-49.81075
424.82469	49.849666	-424.8247	49.849666	424.82469	-49.84967	-424.8247	-49.84967
425.87844	49.885841	-425.8784	49.885841	425.87844	-49.88584	-425.8784	-49.88584
426.9315	49.919157	-426.9315	49.919157	426.9315	-49.91916	-426.9315	-49.91916
427.9839	49.949495	-427.9839	49.949495	427.9839	-49.9495	-427.9839	-49.9495
429.03568	49.976735	-429.0357	49.976735	429.03568	-49.97674	-429.0357	-49.97674
430.08687	50.000759	-430.0869	50.000759	430.08687	-50.00076	-430.0869	-50.00076
431.13751	50.021445	-431.1375	50.021445	431.13751	-50.02145	-431.1375	-50.02145
432.18762	50.038677	-432.1876	50.038677	432.18762	-50.03868	-432.1876	-50.03868
433.23724	50.052334	-433.2372	50.052334	433.23724	-50.05233	-433.2372	-50.05233
434.28642	50.062299	-434.2864	50.062299	434.28642	-50.0623	-434.2864	-50.0623
435.33519	50.068546	-435.3352	50.068546	435.33519	-50.06855	-435.3352	-50.06855
436.38362	50.071416	-436.3836	50.071416	436.38362	-50.07142	-436.3836	-50.07142
437.43175	50.071345	-437.4318	50.071345	437.43175	-50.07134	-437.4318	-50.07134
438.47964	50.068769	-438.4796	50.068769	438.47964	-50.06877	-438.4796	-50.06877
439.52733	50.064124	-439.5273	50.064124	439.52733	-50.06412	-439.5273	-50.06412
440.57486	50.057847	-440.5749	50.057847	440.57486	-50.05785	-440.5749	-50.05785

441.62226	50.050374	-441.6223	50.050374	441.62226	-50.05037	-441.6223	-50.05037
442.66958	50.042142	-442.6696	50.042142	442.66958	-50.04214	-442.6696	-50.04214
443.71684	50.033587	-443.7168	50.033587	443.71684	-50.03359	-443.7168	-50.03359
444.76406	50.025149	-444.7641	50.025149	444.76406	-50.02515	-444.7641	-50.02515
445.81125	50.017263	-445.8113	50.017263	445.81125	-50.01726	-445.8113	-50.01726
446.85844	50.010367	-446.8584	50.010367	446.85844	-50.01037	-446.8584	-50.01037
447.90563	50.0049	-447.9056	50.0049	447.90563	-50.0049	-447.9056	-50.0049
448.95282	50.001298	-448.9528	50.001298	448.95282	-50.0013	-448.9528	-50.0013
450.00002	50	-450	50	450.00002	-50	-450	-50
500	50	-500	50	500	-50	-500	-50
700	50	-700	50	700	-50	-700	-50
1000	50	-1000	50	1000	-50	-1000	-50

