Calibrated Success
EFI Training - Tuning - Consulting

Measured
Flow Rate 5.162 g/s at 405 kPa

Flow Rate vs Pressure

LS1

g/s	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	kPa
Flow	5.128	5.160	5.192	5.223	5.255	5.286	5.317	5.348	5.378	5.409	5.439	5.469	5.499	5.529	5.559	5.588	5.617	

LS2

g/s	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	kPa
Flow Rate	4.587	4.658	4.728	4.797	4.865	4.932	4.998	5.064	5.128	5.192	5.255	5.317	5.378	5.439	5.499	5.559	5.617	

Early LS7

g/s	128	144	160	176	192	208	224	240	256	272	288	304	320	336	352	368	384	400	416	432	448	464	480	496	512	528	544	560	576	592	608	624	640	kPa
Flow Rate	2.901	3.077	3.243	3.402	3.553	3.698	3.837	3.972	4.102	4.229	4.351	4.471	4.587	4.700	4.811	4.919	5.024	5.128	5.230	5.329	5.427	5.523	5.617	5.710	5.802	5.892	5.980	6.068	6.154	6.239	6.322	6.405	6.487	

LS3

g/s	128	148	168	188	208	228	248	268	288	308	328	348	368	388	408	428	448	468	488	508	528	548	568	588	608	628	648	668	688	708	728	748	768	kPa
Flow Rate	2.901	3.119	3.323	3.516	3.698	3.872	4.038	4.197	4.351	4.500	4.644	4.783	4.919	5.051	5.179	5.304	5.427	5.547	5.664	5.779	5.892	6.002	6.111	6.217	6.322	6.425	6.527	6.627	6.725	6.822	6.918	7.013	7.106	

Short Pulse Correction

ms	0	0.125	0.25	0.375	0.5	0.625	0.75	0.875	1	1.125	1.25	1.375	1.5	1.625	1.75	1.875	2	2.125	2.25	2.375	2.5	2.625	2.75	2.875	3	3.125	3.25	3.375	3.5	3.625	3.75	3.875	4
Pulse Widt	0	0.500	0.500	0.500	0.490	0.370	0.231	0.073	0.012	-0.024	-0.030	-0.036	-0.042	-0.040	-0.038	-0.037	-0.041	-0.041	-0.033	-0.030	-0.029	-0.026	-0.022	-0.018	-0.014	-0.011	-0.007	-0.003	0.000	0.000	0.000	0.000	0.000

ms	0	0.0608	0.1216	0.1824	0.2432	0.304	0.3648	0.4256	0.4864	0.5472	0.608	0.6688	0.7296	0.7904	0.8512	0.912	0.9728	1.0336	1.0944	1.1552	1.216	1.2768	1.3376	1.3984	1.4592	1.52	1.5808	1.6416	1.7024	1.7632	1.824	1.8848	1.9456
Adder	0	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.445	0.386	0.327	0.257	0.180	0.103	0.046	0.023	-0.001	-0.022	-0.025	-0.028	-0.031	-0.034	-0.037	-0.040	-0.041	-0.040	-0.039	-0.039	-0.038	-0.038	-0.037	-0.039

ms	2.0064	2.0672	2.128	2.1888	2.2496	2.3104	2.3712	2.432	2.4928	2.5536	2.6144	2.6752	2.736	2.7968	2.8576	2.9184	2.9792	3.04	3.1008	3.1616	3.2224	3.2832	3.344	3.4048	3.4656	3.5264	3.5872	3.648	3.7088	3.7696	3.8304	3.8912	3.952	4.0128
Adder	-0.041	-0.043	-0.041	-0.037	-0.033	-0.030	-0.030	-0.030	-0.029	-0.028	-0.026	-0.024	-0.022	-0.020	-0.019	-0.017	-0.015	-0.013	-0.011	-0.010	-0.008	-0.006	-0.004	-0.003	-0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Offset vs Volts

LS1

	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80
4.5	2.976	2.993	3.011	3.029	3.046	3.064	3.082	3.099	3.117	3.135	3.153	3.170	3.188	3.206	3.223	3.241	3.259
5	2.717	2.733	2.749	2.766	2.782	2.798	2.814	2.830	2.846	2.862	2.879	2.895	2.911	2.927	2.943	2.959	2.976
5.5	2.481	2.496	2.510	2.525	2.540	2.555	2.570	2.584	2.599	2.614	2.629	2.643	2.658	2.673	2.688	2.702	2.717
6	2.265	2.279	2.292	2.306	2.319	2.333	2.346	2.360	2.373	2.387	2.400	2.414	2.427	2.441	2.454	2.468	2.481
6.5	2.069	2.081	2.093	2.105	2.118	2.130	2.142	2.155	2.167	2.179	2.192	2.204	2.216	2.229	2.241	2.253	2.265
7	1.889	1.900	1.911	1.923	1.934	1.945	1.956	1.967	1.979	1.990	2.001	2.012	2.024	2.035	2.046	2.057	2.069
7.5	1.725	1.735	1.745	1.755	1.766	1.776	1.786	1.797	1.807	1.817	1.827	1.838	1.848	1.858	1.868	1.879	1.889
8	1.575	1.584	1.594	1.603	1.612	1.622	1.631	1.640	1.650	1.659	1.669	1.678	1.687	1.697	1.706	1.715	1.725
8.5	1.438	1.447	1.455	1.464	1.472	1.481	1.489	1.498	1.506	1.515	1.524	1.532	1.541	1.549	1.558	1.566	1.575
9	1.313	1.321	1.329	1.337	1.344	1.352	1.360	1.368	1.376	1.383	1.391	1.399	1.407	1.415	1.422	1.430	1.438
9.5	1.199	1.206	1.213	1.220	1.228	1.235	1.242	1.249	1.256	1.263	1.270	1.277	1.285	1.292	1.299	1.306	1.313
10	1.095	1.101	1.108	1.114	1.121	1.127	1.134	1.140	1.147	1.153	1.160	1.166	1.173	1.179	1.186	1.192	1.199
10.5	1.000	1.006	1.012	1.018	1.023	1.029	1.035	1.041	1.047	1.053	1.059	1.065	1.071	1.077	1.083	1.089	1.095
11	0.913	0.918	0.924	0.929	0.935	0.940	0.945	0.951	0.956	0.962	0.967	0.973	0.978	0.983	0.989	0.994	1.000
11.5	0.834	0.838	0.843	0.848	0.853	0.858	0.863	0.868	0.873	0.878	0.883	0.888	0.893	0.898	0.903	0.908	0.913
12	0.761	0.766	0.770	0.775	0.779	0.784	0.788	0.793	0.797	0.802	0.806	0.811	0.815	0.820	0.824	0.829	0.834
12.5	0.695	0.699	0.703	0.707	0.711	0.716	0.720	0.724	0.728	0.732	0.736	0.740	0.745	0.749	0.753	0.757	0.761
13	0.635	0.638	0.642	0.646	0.650	0.653	0.657	0.661	0.665	0.669	0.672	0.676	0.680	0.684	0.687	0.691	0.695
13.5	0.579	0.583	0.586	0.590	0.593	0.597	0.600	0.604	0.607	0.610	0.614	0.617	0.621	0.624	0.628	0.631	0.635
14	0.529	0.532	0.535	0.539	0.542	0.545	0.548	0.551	0.554	0.557	0.561	0.564	0.567	0.570	0.573	0.576	0.579
14.5	0.483	0.486	0.489	0.492	0.495	0.497	0.500	0.503	0.506	0.509	0.512	0.515	0.518	0.520	0.523	0.526	0.529
15	0.441	0.444	0.446	0.449	0.452	0.454	0.457	0.460	0.462	0.465	0.467	0.470	0.473	0.475	0.478	0.480	0.483
15.5	0.403	0.405	0.408	0.410	0.412	0.415	0.417	0.420	0.422	0.424	0.427	0.429	0.432	0.434	0.436	0.439	0.441
16	0.368	0.370	0.372	0.374	0.377	0.379	0.381	0.383	0.385	0.387	0.390	0.392	0.394	0.396	0.398	0.401	0.403
16.5	0.336	0.338	0.340	0.342	0.344	0.346	0.348	0.350	0.352	0.354	0.356	0.358	0.360	0.362	0.364	0.366	0.368
17	0.307	0.308	0.310	0.312	0.314	0.316	0.318	0.319	0.321	0.323	0.325	0.327	0.329	0.330	0.332	0.334	0.336
17.5	0.280	0.282	0.283	0.285	0.287	0.288	0.290	0.292	0.293	0.295	0.297	0.298	0.300	0.302	0.303	0.305	0.307
18	0.256	0.257	0.259	0.260	0.262	0.263	0.265	0.266	0.268	0.269	0.271	0.272	0.274	0.275	0.277	0.279	0.280

LS2

	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80
4.5	2.717	2.749	2.782	2.814	2.846	2.879	2.911	2.943	2.976	3.011	3.046	3.082	3.117	3.153	3.188	3.223	3.259
5	2.481	2.510	2.540	2.570	2.599	2.629	2.658	2.688	2.717	2.749	2.782	2.814	2.846	2.879	2.911	2.943	2.976
5.5	2.265	2.292	2.319	2.346	2.373	2.400	2.427	2.454	2.481	2.510	2.540	2.570	2.599	2.629	2.658	2.688	2.717
6	2.069	2.093	2.118	2.142	2.167	2.192	2.216	2.241	2.265	2.292	2.319	2.346	2.373	2.400	2.427	2.454	2.481
6.5	1.889	1.911	1.934	1.956	1.979	2.001	2.024	2.046	2.069	2.093	2.118	2.142	2.167	2.192	2.216	2.241	2.265
7	1.725	1.745	1.766	1.786	1.807	1.827	1.848	1.868	1.889	1.911	1.934	1.956	1.979	2.001	2.024	2.046	2.069
7.5	1.575	1.594	1.612	1.631	1.650	1.669	1.687	1.706	1.725	1.745	1.766	1.786	1.807	1.827	1.848	1.868	1.889
8	1.438	1.455	1.472	1.489	1.506	1.524	1.541	1.558	1.575	1.594	1.612	1.631	1.650	1.669	1.687	1.706	1.725
8.5	1.313	1.329	1.344	1.360	1.376	1.391	1.407	1.422	1.438	1.455	1.472	1.489	1.506	1.524	1.541	1.558	1.575
9	1.199	1.213	1.228	1.242	1.256	1.270	1.285	1.299	1.313	1.329	1.344	1.360	1.376	1.391	1.407	1.422	1.438
9.5	1.095	1.108	1.121	1.134	1.147	1.160	1.173	1.186	1.199	1.213	1.228	1.242	1.256	1.270	1.285	1.299	1.313
10	1.000	1.012	1.023	1.035	1.047	1.059	1.071	1.083	1.095	1.108	1.121	1.134	1.147	1.160	1.173	1.186	1.199
10.5	0.913	0.924	0.935	0.945	0.956	0.967	0.978	0.989	1.000	1.012	1.023	1.035	1.047	1.059	1.071	1.083	1.095
11	0.834	0.843	0.853	0.863	0.873	0.883	0.893	0.903	0.913	0.924	0.935	0.945	0.956	0.967	0.978	0.989	1.000
11.5	0.761	0.770	0.779	0.788	0.797	0.806	0.815	0.824	0.834	0.843	0.853	0.863	0.873	0.883	0.893	0.903	0.913
12	0.695	0.703	0.711	0.720	0.728	0.736	0.745	0.753	0.761	0.770	0.779	0.788	0.797	0.806	0.815	0.824	0.834
12.5	0.635	0.642	0.650	0.657	0.665	0.672	0.680	0.687	0.695	0.703	0.711	0.720	0.728	0.736	0.745	0.753	0.761
13	0.579	0.586	0.593	0.600	0.607	0.614	0.621	0.628	0.635	0.642	0.650	0.657	0.665	0.672	0.680	0.687	0.695
13.5	0.529	0.535	0.542	0.548	0.554	0.561	0.567	0.573	0.579	0.586	0.593	0.600	0.607	0.614	0.621	0.628	0.635
14	0.483	0.489	0.495	0.500	0.506	0.512	0.518	0.523	0.529	0.535	0.542	0.548	0.554	0.561	0.567	0.573	0.579
14.5	0.441	0.446	0.452	0.457	0.462	0.467	0.473	0.478	0.483	0.489	0.495	0.500	0.506	0.512	0.518	0.523	0.529
15	0.403	0.408	0.412	0.417	0.422	0.427	0.432	0.436	0.441	0.446	0.452	0.457	0.462	0.467	0.473	0.478	0.483
15.5	0.368	0.372	0.377	0.381	0.385	0.390	0.394	0.398	0.403	0.408	0.412	0.417	0.422	0.427	0.432	0.436	0.441
16	0.336	0.340	0.344	0.348	0.352	0.356	0.360	0.364	0.368	0.372	0.377	0.381	0.385	0.390	0.394	0.398	0.403
16.5	0.307	0.310	0.314	0.318	0.321	0.325	0.329	0.332	0.336	0.340	0.344	0.348	0.352	0.356	0.360	0.364	0.368
17	0.280	0.283	0.287	0.290	0.293	0.297	0.300	0.303	0.307	0.310	0.314	0.318	0.321	0.325	0.329	0.332	0.336
17.5	0.256	0.259	0.262	0.265	0.268	0.271	0.274	0.277	0.280	0.283	0.287	0.290	0.293	0.297	0.300	0.303	0.307
18	0.233	0.236	0.239	0.242	0.245	0.247	0.250	0.253	0.256	0.259	0.262	0.265	0.268	0.271	0.274	0.277	0.280
18.5	0.213	0.216	0.218	0.221	0.223	0.226	0.228	0.231	0.233	0.236	0.239	0.242	0.245	0.247	0.250	0.253	0.256
19	0.195	0.197	0.199	0.202	0.204	0.206	0.209	0.211	0.213	0.216	0.218	0.221	0.223	0.226	0.228	0.231	0.233
19.5	0.178	0.180	0.182	0.184	0.186	0.188	0.190	0.193	0.195	0.197	0.199	0.202	0.204	0.206	0.209	0.211	0.213
20	0.162	0.164	0.166	0.168	0.170	0.172	0.174	0.176	0.178	0.180	0.182	0.184	0.186	0.188	0.190	0.193	0.195
20.5	0.148	0.150	0.152	0.153	0.155	0.157	0.159	0.161	0.162	0.164	0.166	0.168	0.170	0.172	0.174	0.176	0.178

Early LS7

	128	144	160	176	192	208	224	240	256	272	288	304	320	336	352	368	384	400	416	432	448	464	480	496	512	528	544	560	576	592	608	624	640
4	2.265	2.331	2.396	2.462	2.527	2.593	2.658	2.717	2.768	2.819	2.870	2.922	2.973	3.024	3.075	3.136	3.197	3.259	3.318	3.377	3.436	3.495	3.554	3.625	3.696	3.767	3.838	3.908	4.168	4.428	4.688	4.688	4.688
5	1.889	1.943	1.998	2.053	2.107	2.162	2.216	2.265	2.308	2.351	2.393	2.436	2.478	2.521	2.564	2.615	2.666	2.717	2.766	2.816	2.865	2.914	2.963	3.022	3.082	3.141	3.200	3.259	3.475	3.692	3.908	3.908	3.908
6	1.575	1.620	1.666	1.711	1.757	1.802	1.848	1.889	1.924	1.960	1.995	2.031	2.067	2.102	2.138	2.180	2.223	2.265	2.306	2.348	2.389	2.430	2.471	2.520	2.569	2.619	2.668	2.717	2.898	3.078	3.259	3.259	3.259
7	1.313	1.351	1.389	1.427	1.465	1.503	1.541	1.575	1.604	1.634	1.664	1.693	1.723	1.753	1.782	1.818	1.853	1.889	1.923	1.957	1.992	2.026	2.060	2.101	2.142	2.183	2.224	2.265	2.416	2.567	2.717	2.717	2.717
8	1.095	1.126	1.158	1.190	1.221	1.253	1.285	1.313	1.338	1.362	1.387	1.412	1.437	1.461	1.486	1.516	1.545	1.575	1.603	1.632	1.661	1.689	1.718	1.752	1.786	1.820	1.855	1.889	2.014	2.140	2.265	2.265	2.265
9	0.913	0.939	0.966	0.992	1.018	1.045	1.071	1.095	1.115	1.136	1.157	1.177	1.198	1.218	1.239	1.264	1.288	1.313	1.337	1.361	1.384	1.408	1.432	1.461	1.489	1.518	1.546	1.575	1.680	1.784	1.889	1.889	1.889
10	0.761	0.783	0.805	0.827	0.849	0.871	0.893	0.913	0.930	0.947	0.964	0.982	0.999	1.016	1.033	1.054	1.074	1.095	1.115	1.135	1.154	1.174	1.194	1.218	1.242	1.265	1.289	1.313	1.400	1.488	1.575	1.575	1.575
11	0.635	0.653	0.671	0.690	0.708	0.726	0.745	0.761	0.775	0.790	0.804	0.818	0.833	0.847	0.861	0.878	0.896	0.913	0.929	0.946	0.962	0.979	0.996	1.015	1.035	1.055	1.075	1.095	1.168	1.240	1.313	1.313	1.313
12	0.529	0.544	0.560	0.575	0.590	0.606	0.621	0.635	0.647	0.658	0.670	0.682	0.694	0.706	0.718	0.732	0.747	0.761	0.775	0.789	0.802	0.816	0.830	0.847	0.863	0.880	0.896	0.913	0.973	1.034	1.095	1.095	1.095
13	0.441	0.454	0.467	0.479	0.492	0.505	0.518	0.529	0.539	0.549	0.559	0.569	0.579	0.589	0.599	0.611	0.623	0.635	0.646	0.658	0.669	0.681	0.692	0.706	0.720	0.733	0.747	0.761	0.812	0.862	0.913	0.913	0.913
14	0.368	0.378	0.389	0.400	0.410	0.421	0.432	0.441	0.449	0.458	0.466	0.474	0.483	0.491	0.499	0.509	0.519	0.529	0.539	0.548	0.558	0.567	0.577	0.589	0.600	0.612	0.623	0.635	0.677	0.719	0.761	0.761	0.761
15	0.307	0.316	0.324	0.333	0.342	0.351	0.360	0.368	0.375	0.382	0.389	0.395	0.402	0.409	0.416	0.425	0.433	0.441	0.449	0.457	0.465	0.473	0.481	0.491	0.500	0.510	0.519	0.529	0.564	0.599	0.635	0.635	0.635
16	0.256	0.263	0.270	0.278	0.285	0.293	0.300	0.307	0.312	0.318	0.324	0.330	0.336	0.341	0.347	0.354	0.361	0.368	0.374	0.381	0.388	0.394	0.401	0.409	0.417	0.425	0.433	0.441	0.470	0.500	0.529	0.529	0.529
17	0.213	0.219	0.226	0.232	0.238	0.244	0.250	0.256	0.261	0.265	0.270	0.275	0.280	0.285	0.289	0.295	0.301	0.307	0.312	0.318	0.323	0.329	0.334	0.341	0.348	0.354	0.361	0.368	0.392	0.417	0.441	0.441	0.441
18	0.178	0.183	0.188	0.193	0.198	0.203	0.209	0.213	0.217	0.221	0.225	0.229	0.233	0.237	0.241	0.246	0.251	0.256	0.260	0.265	0.270	0.274	0.279	0.284	0.290	0.296	0.301	0.307	0.327	0.347	0.368	0.368	0.368
19	0.148	0.152	0.157	0.161	0.165	0.170	0.174	0.178	0.181	0.184	0.188	0.191	0.194	0.198	0.201	0.205	0.209	0.213	0.217	0.221	0.225	0.229	0.233	0.237	0.242	0.246	0.251	0.256	0.273	0.290	0.307	0.307	0.307
20	0.124	0.127	0.131	0.134	0.138	0.141	0.145	0.148	0.151	0.154	0.157	0.159	0.162	0.165	0.168	0.171	0.174	0.178	0.181	0.184	0.187	0.191	0.194	0.198	0.202	0.205	0.209	0.213	0.227	0.242	0.256	0.256	0.256

LS3

	128	148	168	188	208	228	248	268	288	308	328	348	368	388	408	428	448	468	488	508	528	548	568	588	608	628	648	668	688	708	728	748	768
4	2.265	2.341	2.416	2.491	2.567	2.642	2.717	2.785	2.852	2.920	2.988	3.056	3.123	3.191	3.259	3.340	3.421	3.502	3.584	3.665	3.746	3.827	3.908	4.006	4.103	4.201	4.298	4.395	4.493	4.590	4.688	4.688	4.688
5	1.889	1.952	2.014	2.077	2.140	2.203	2.265	2.322	2.378	2.435	2.491	2.548	2.604	2.661	2.717	2.785	2.852	2.920	2.988	3.056	3.123	3.191	3.259	3.340	3.421	3.502	3.584	3.665	3.746	3.827	3.908	3.908	3.908
6	1.575	1.627	1.680	1.732	1.784	1.837	1.889	1.936	1.983	2.030	2.077	2.124	2.171	2.218	2.265	2.322	2.378	2.435	2.491	2.548	2.604	2.661	2.717	2.785	2.852	2.920	2.988	3.056	3.123	3.191	3.259	3.259	3.259
7	1.313	1.357	1.400	1.444	1.488	1.531	1.575	1.614	1.653	1.693	1.732	1.771	1.810	1.850	1.889	1.936	1.983	2.030	2.077	2.124	2.171	2.218	2.265	2.322	2.378	2.435	2.491	2.548	2.604	2.661	2.717	2.717	2.717
8	1.095	1.131	1.168	1.204	1.240	1.277	1.313	1.346	1.379	1.411	1.444	1.477	1.509	1.542	1.575	1.614	1.653	1.693	1.732	1.771	1.810	1.850	1.889	1.936	1.983	2.030	2.077	2.124	2.171	2.218	2.265	2.265	2.265
9	0.913	0.943	0.973	1.004	1.034	1.064	1.095	1.122	1.149	1.177	1.204	1.231	1.259	1.286	1.313	1.346	1.379	1.411	1.444	1.477	1.509	1.542	1.575	1.614	1.653	1.693	1.732	1.771	1.810	1.850	1.889	1.889	1.889
10	0.761	0.786	0.812	0.837	0.862	0.888	0.913	0.936	0.958	0.981	1.004	1.027	1.049	1.072	1.095	1.122	1.149	1.177	1.204	1.231	1.259	1.286	1.313	1.346	1.379	1.411	1.444	1.477	1.509	1.542	1.575	1.575	1.575
11	0.635	0.656	0.677	0.698	0.719	0.740	0.761	0.780	0.799	0.818	0.837	0.856	0.875	0.894	0.913	0.936	0.958	0.981	1.004	1.027	1.049	1.072	1.095	1.122	1.149	1.177	1.204	1.231	1.259	1.286	1.313	1.313	1.313
12	0.529	0.547	0.564	0.582	0.599	0.617	0.635	0.650	0.666	0.682	0.698	0.714	0.729	0.745	0.761	0.780	0.799	0.818	0.837	0.856	0.875	0.894	0.913	0.936	0.958	0.981	1.004	1.027	1.049	1.072	1.095	1.095	1.095
13	0.441	0.456	0.470	0.485	0.500	0.514	0.529	0.542	0.555	0.569	0.582	0.595	0.608	0.621	0.635	0.650	0.666	0.682	0.698	0.714	0.729	0.745	0.761	0.780	0.799	0.818	0.837	0.856	0.875	0.894	0.913	0.913	0.913
14	0.368	0.380	0.392	0.404	0.417	0.429	0.441	0.452	0.463	0.474	0.485	0.496	0.507	0.518	0.529	0.542	0.555	0.569	0.582	0.595	0.608	0.621	0.635	0.650	0.666	0.682	0.698	0.714	0.729	0.745	0.761	0.761	0.761
15	0.307	0.317	0.327	0.337	0.347	0.358	0.368	0.377	0.386	0.395	0.404	0.414	0.423	0.432	0.441	0.452	0.463	0.474	0.485	0.496	0.507	0.518	0.529	0.542	0.555	0.569	0.582	0.595	0.608	0.621	0.635	0.635	0.635
16	0.256	0.264	0.273	0.281	0.290	0.298	0.307	0.314	0.322	0.330	0.337	0.345	0.353	0.360	0.368	0.377	0.386	0.395	0.404	0.414	0.423	0.432	0.441	0.452	0.463	0.474	0.485	0.496	0.507	0.518	0.529	0.529	0.529
17	0.213	0.220	0.227	0.234	0.242	0.249	0.256	0.262	0.268	0.275	0.281	0.288	0.294	0.300	0.307	0.314	0.322	0.330	0.337	0.345	0.353	0.360	0.368	0.377	0.386	0.395	0.404	0.414	0.423	0.432	0.441	0.441	0.441
18	0.178	0.184	0.190	0.195	0.201	0.207	0.213	0.219	0.224	0.229	0.234	0.240	0.245	0.250	0.256	0.262	0.268	0.275	0.281	0.288	0.294	0.300	0.307	0.314	0.322	0.330	0.337	0.345	0.353	0.360	0.368	0.368	0.368
19	0.148	0.153	0.158	0.163	0.168	0.173	0.178	0.182	0.187	0.191	0.195	0.200	0.204	0.209	0.213	0.219	0.224	0.229	0.234	0.240	0.245	0.250	0.256	0.262	0.268	0.275	0.281	0.288	0.294	0.300	0.307	0.307	0.307
20	0.124	0.128	0.132	0.136	0.140	0.144	0.148	0.152	0.156	0.159	0.163	0.167	0.170	0.174	0.178	0.182	0.187	0.191	0.195	0.200	0.204	0.209	0.213	0.219	0.224	0.229	0.234	0.240	0.245	0.250	0.256	0.256	0.256