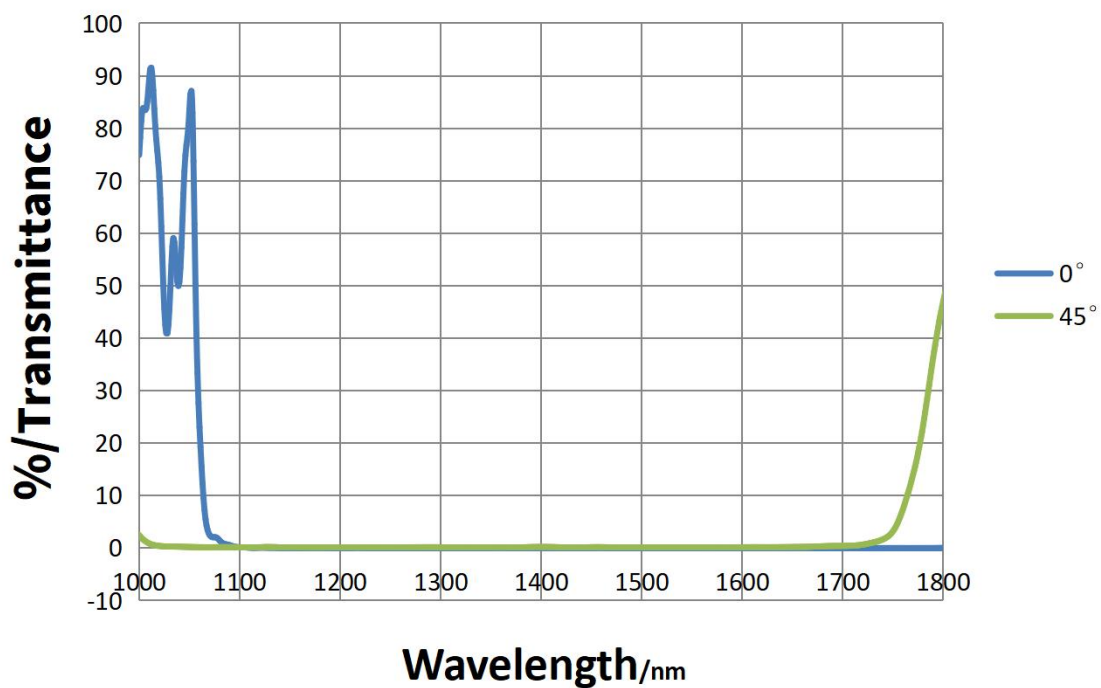


HBM系列 1280-1600nm 0° ~45° 测试数据



波长 (nm)	0°	45°
400	0.189541	34.73541
401	0.100149	39.73929
402	0.048715	43.51346
403	0.021677	45.56907
404	0.01554	46.29081
405	0.01317	46.38129
406	0.011158	46.47334
407	0.008304	47.34546
408	0.005304	48.9193
409	0.00388	49.53728
410	0.004237	48.55206
411	0.005384	46.84036
412	0.003738	45.09848
413	0.003293	43.05998
414	0.004325	40.09753
415	0.004785	36.17696
416	0.003809	31.50438
417	0.004412	26.71591
418	0.006921	22.32402
419	0.009391	18.45237
420	0.010878	15.10579
421	0.01317	12.04163
422	0.016209	9.09457
423	0.022018	6.162091
424	0.046879	3.387092
425	0.105354	1.368681
426	0.177308	0.442711

427	0.322086	0.210498
428	0.813525	0.168297
429	4.115345	0.140182
430	20.78349	0.121902
431	44.97189	0.11475
432	52.07185	0.113115
433	39.16028	0.113915
434	26.85184	0.116562
435	27.75097	0.120156
436	41.40387	0.123097
437	58.20794	0.126142
438	64.16514	0.129017
439	58.97255	0.136008
440	49.07147	0.149907
441	36.72257	0.172719
442	30.13877	0.206978
443	37.49312	0.260238
444	55.06564	0.362631
445	64.72695	0.61251
446	61.85334	1.330672
447	55.69418	3.379656
448	41.50382	7.430986
449	22.2942	13.24909
450	14.93364	19.67053
451	25.24449	26.12616
452	33.6341	32.57021
453	22.21262	39.0787
454	7.635539	45.55655
455	2.158284	51.32758
456	0.861386	55.18639
457	0.190895	56.91319
458	0.03092	57.40152
459	0.020561	57.70263
460	0.016705	58.0638
461	0.012439	58.50574
462	0.012015	59.07052
463	0.014595	59.92967
464	0.013816	60.98087
465	0.008886	61.52045
466	0.00442	60.74333
467	0.001997	58.90058
468	0.001743	56.90786
469	0.001615	55.3696
470	0.00236	54.05748
471	0.003572	52.36872
472	0.005354	49.71095
473	0.005725	46.27855
474	0.004926	43.07485
475	0.004043	40.80278
476	0.003914	38.61739
477	0.004058	35.4981
478	0.00463	31.29228
479	0.005241	26.08223
480	0.007336	20.44818
481	0.011203	14.8359

482	0.020465	9.550444
483	0.03786	5.175833
484	0.060715	2.266769
485	0.08499	0.874399
486	0.117945	0.412376
487	0.166534	0.280158
488	0.254877	0.22009
489	0.669186	0.180101
490	4.2928	0.154171
491	21.0246	0.140802
492	51.99633	0.135262
493	75.11568	0.13352
494	74.59594	0.132092
495	59.98921	0.130858
496	44.31043	0.131175
497	39.69497	0.134251
498	52.63282	0.138852
499	67.70401	0.144283
500	64.315	0.150358
501	52.10612	0.157766
502	48.1461	0.171848
503	52.34003	0.202213
504	55.11617	0.254739
505	49.89633	0.326345
506	42.04902	0.418703
507	45.54859	0.581199
508	63.13334	1.065073
509	79.36138	2.375709
510	81.12514	4.914415
511	68.437	8.66516
512	44.6656	13.24907
513	23.83986	17.78908
514	20.06467	21.75917
515	34.6636	25.0093
516	50.15877	27.749
517	44.77915	30.36849
518	23.05115	32.78156
519	7.838186	34.52015
520	2.433825	35.68661
521	0.990925	37.07675
522	0.394969	39.43849
523	0.131442	42.27723
524	0.050655	44.1036
525	0.035113	43.84379
526	0.03678	41.52325
527	0.040128	38.09357
528	0.032584	34.33177
529	0.017827	31.20377
530	0.008429	29.01053
531	0.005852	27.07813
532	0.007132	24.96808
533	0.008741	22.64771
534	0.008256	20.04742
535	0.005546	17.05657
536	0.003678	13.57926

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539	0.005296	3.040976
540	0.006047	1.309443
541	0.005699	0.578188
542	0.004827	0.345383
543	0.004503	0.268857
544	0.004231	0.235466
545	0.005976	0.216693
546	0.007548	0.203743
547	0.008134	0.194806
548	0.00779	0.189619
549	0.008815	0.186866
550	0.016577	0.18788
551	0.035551	0.191079
552	0.061572	0.194606
553	0.073486	0.198947
554	0.06034	0.20317
555	0.044145	0.209812
556	0.051528	0.219262
557	0.138186	0.231691
558	0.683907	0.246797
559	2.664492	0.268109
560	5.958357	0.301002
561	9.979567	0.356807
562	17.33644	0.444231
563	23.50843	0.572726
564	19.56998	0.769934
565	12.1059	1.126902
566	12.29306	1.931938
567	20.77305	3.761894
568	34.857	6.985773
569	44.7111	11.51789
570	44.27496	16.48103
571	41.3683	21.57885
572	32.70736	26.81363
573	18.29447	32.12304
574	11.52071	37.62791
575	12.90006	43.36385
576	19.46166	49.05022
577	28.73343	54.37906
578	26.09655	58.95386
579	12.1804	62.48516
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584	0.131566	73.67722
585	0.06913	74.8146
586	0.028983	75.65679
587	0.014806	76.40172
588	0.015162	77.2012
589	0.018873	78.15975
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598	0.004401	83.86231
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603	0.007255	87.62986
604	0.009118	88.33564
605	0.007178	88.52341
606	0.00569	88.12444
607	0.006171	87.45894
608	0.009735	86.72074
609	0.011987	86.1609
610	0.010332	85.69731
611	0.00832	85.44658
612	0.009124	85.54882
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616	0.047584	87.3141
617	0.053337	88.04129
618	0.09707	88.34563
619	0.180466	88.20109
620	0.244145	87.67239
621	0.262792	86.77242
622	0.34812	85.59956
623	0.878812	84.197
624	3.041187	82.69984
625	7.652035	81.12835
626	13.9324	79.29364
627	23.12426	77.17348
628	36.65758	75.07518
629	52.52707	73.27151
630	64.19257	71.99191
631	63.11995	71.23864
632	51.07504	70.943
633	44.95271	71.06126
634	55.31285	71.47707
635	75.00121	72.16927
636	88.79308	73.07177
637	91.11705	74.40173
638	83.04224	76.06588
639	68.65366	77.64659
640	59.1705	78.681
641	63.97198	79.03065
642	75.2436	78.98487
643	76.91116	78.938
644	68.87191	79.09155
645	67.2961	79.48885
646	76.74789	80.10788

647	85.5639	80.98245
648	85.87672	82.07278
649	84.24691	83.25461
650	83.75989	84.38544
651	77.46115	85.50031
652	65.75947	86.8095
653	59.99032	88.14309
654	67.01239	89.32243
655	80.02214	90.12813
656	85.83882	90.58033
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661	87.24136	91.35988
662	85.95242	91.40328
663	88.10212	91.35899
664	88.08031	91.07597
665	82.35396	90.41817
666	77.18456	89.59956
667	79.53484	88.88154
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671	75.4738	88.20739
672	77.8862	88.51196
673	84.47675	89.04198
674	87.32429	89.63158
675	85.14413	90.23019
676	83.53719	90.74915
677	85.22242	91.26793
678	85.97339	91.8203
679	82.54243	92.20073
680	78.85278	92.29652
681	80.62036	92.09768
682	86.68509	91.83862
683	89.47807	91.63766
684	85.548	91.4922
685	80.42593	91.2633
686	80.96284	90.88926
687	86.57649	90.42599
688	90.40167	89.89662
689	88.83295	89.54614
690	85.41885	89.18066
691	85.00111	88.82006
692	86.54823	88.47916
693	85.70515	88.2737
694	82.12492	88.27632
695	80.09912	88.42673
696	82.8413	88.6572
697	86.89313	88.94086
698	85.57795	89.23845
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700	71.39919	90.2849
701	71.37218	90.7769

702	78.38057	91.08162
703	86.65303	91.08338
704	89.50806	90.92709
705	86.50872	90.71745
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707	84.76469	90.36678
708	88.13742	90.23176
709	89.96863	90.19153
710	89.51238	90.209
711	89.56912	90.26123
712	91.08359	90.11083
713	91.56409	89.70376
714	88.39082	88.9338
715	82.84382	87.78345
716	79.63586	86.51661
717	81.30879	85.24768
718	86.03708	84.21861
719	88.70554	83.37616
720	86.23501	82.73465
721	81.5864	82.35873
722	79.62814	82.26316
723	82.17269	82.52468
724	86.24762	82.90499
725	87.83281	83.43756
726	85.86182	84.01472
727	83.65281	84.49923
728	84.28633	84.97251
729	87.08427	85.35489
730	88.28284	85.54054
731	85.74531	85.57176
732	81.59409	85.34544
733	80.0853	84.96199
734	82.80396	84.58492
735	87.64862	84.3231
736	90.44138	84.22308
737	89.00397	84.33953
738	85.67722	84.60567
739	84.3554	84.97367
740	86.63483	85.49763
741	90.34798	86.12346
742	91.83342	86.72607
743	89.7858	87.22105
744	86.49216	87.58773
745	84.82492	87.77901
746	85.12868	87.74421
747	85.35006	87.72288
748	83.53946	87.65498
749	80.55827	87.57718
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751	80.91236	87.30363
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753	89.50767	86.70746
754	89.3091	86.42428
755	85.49171	86.32655
756	81.5464	86.42908

757	80.63969	86.67942
758	83.23418	87.14478
759	86.82829	87.67576
760	88.30405	88.25566
761	86.6515	88.87685
762	83.84363	89.36095
763	82.55742	89.67503
764	84.07022	89.78479
765	86.88299	89.76482
766	88.79665	89.62057
767	88.63109	89.39949
768	87.57841	89.16933
769	87.65764	88.89545
770	89.49679	88.50151
771	91.5536	88.03796
772	91.37799	87.499
773	88.33509	86.86642
774	84.25274	86.25239
775	81.98796	85.74197
776	82.67238	85.29558
777	85.31767	85.04359
778	87.33729	84.85231
779	86.81242	84.80334
780	83.98081	84.78493
781	81.41848	84.71102
782	81.12505	84.677
783	83.82432	84.68319
784	87.79304	84.70734
785	90.54384	84.78446
786	90.30507	84.93066
787	87.75718	85.16325
788	84.8755	85.4253
789	83.07684	85.66818
790	81.96818	85.81721
791	80.08815	85.85782
792	76.84599	85.83121
793	73.19917	85.72217
794	70.96027	85.59261
795	71.89435	85.3676
796	76.4972	85.05466
797	83.39134	84.49223
798	89.3427	83.79644
799	91.34531	82.9965
800	83.25176	72.25898
801	83.20383	71.24529
802	83.09998	70.25181
803	83.00532	69.33833
804	83.05399	68.51723
805	83.26816	67.73393
806	83.67145	67.05272
807	84.33092	66.38352
808	85.0894	65.79135
809	85.85196	65.2739
810	86.48476	64.83344
811	86.85091	64.4951

812	86.88331	64.28288
813	86.59574	64.21678
814	86.06553	64.31823
815	85.39098	64.6114
816	84.72413	65.07138
817	84.01432	65.71368
818	83.37711	66.45842
819	82.78693	67.32896
820	82.31342	68.33138
821	82.00961	69.42638
822	81.95726	70.53837
823	82.14091	71.70541
824	82.6778	72.9371
825	83.47827	74.13696
826	84.56993	75.33953
827	85.79771	76.46204
828	86.9147	77.45842
829	87.84368	78.32758
830	88.39959	79.04559
831	88.56454	79.64958
832	88.36935	80.11442
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837	85.60072	80.7195
838	85.60896	80.45289
839	85.86658	80.03642
840	86.23436	79.54301
841	86.55006	78.96722
842	86.68691	78.36555
843	86.74799	77.7376
844	86.80459	77.16451
845	86.91634	76.56718
846	87.13293	75.98906
847	87.27027	75.46854
848	87.12453	74.95306
849	86.48416	74.48755
850	85.28291	74.06658
851	83.68832	73.74982
852	82.03267	73.52867
853	80.65707	73.45082
854	79.8084	73.51669
855	79.39196	73.73999
856	79.24619	74.06612
857	79.16931	74.48553
858	79.10069	74.99164
859	79.22383	75.53101
860	79.84487	76.08106
861	81.09221	76.63486
862	82.95803	77.17458
863	84.96579	77.71064
864	86.75417	78.30759
865	87.66696	78.92702
866	87.59027	79.5465

867	86.71341	80.17921
868	85.73059	80.76981
869	85.1555	81.23347
870	85.37766	81.60345
871	86.36527	81.81011
872	87.66294	81.89129
873	88.7215	81.82458
874	89.18736	81.67602
875	89.01732	81.41175
876	88.43954	81.06055
877	87.86432	80.57514
878	87.5893	80.00153
879	87.77195	79.33781
880	88.24497	78.60467
881	88.83614	77.79681
882	89.37728	77.01097
883	89.81071	76.10982
884	90.11016	75.21387
885	90.13914	74.36297
886	89.6459	73.47263
887	88.38094	72.67931
888	86.15294	71.97234
889	82.92637	71.33412
890	79.37724	70.85244
891	76.46732	70.5268
892	74.82952	70.33085
893	75.04005	70.27195
894	76.98985	70.31648
895	80.25653	70.439
896	83.60705	70.63707
897	85.76277	70.88035
898	85.91553	71.21657
899	84.1281	71.60596
900	81.17187	72.09732
901	78.51248	72.65845
902	77.25359	73.30733
903	78.15564	74.02954
904	80.82594	74.70833
905	84.66756	75.37566
906	88.21529	75.95812
907	90.3358	76.44246
908	90.40756	76.82944
909	88.60374	77.05511
910	86.04065	77.09229
911	83.70661	76.94738
912	82.35397	76.57278
913	82.19263	76.00599
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915	84.19367	74.28707
916	85.32877	73.22385
917	86.23786	72.05511
918	86.98116	70.82167
919	87.78922	69.5284
920	88.84061	68.18396
921	89.95112	66.80171

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923	90.40613	64.0818
924	88.83934	62.83645
925	86.19955	61.75885
926	83.20993	60.91839
927	80.56606	60.38206
928	79.0317	60.15462
929	78.82302	60.24383
930	79.56921	60.60073
931	80.6362	61.17463
932	81.10638	61.8471
933	80.38107	62.61994
934	78.25989	63.43985
935	75.46126	64.19064
936	72.63204	64.842
937	70.77169	65.25093
938	70.21044	65.36401
939	71.07615	65.15638
940	73.08716	64.6727
941	75.53104	63.8959
942	77.54842	62.96096
943	78.75663	61.72647
944	78.91402	60.34058
945	78.45131	58.72927
946	78.0182	56.88428
947	78.32788	54.87885
948	79.6143	52.7944
949	81.71532	50.64806
950	84.05723	48.41128
951	85.64268	46.29745
952	85.83605	44.09234
953	84.40349	41.96476
954	82.08991	40.03588
955	79.60426	38.04467
956	78.12679	36.17457
957	78.15169	34.41013
958	79.88211	32.81287
959	83.04955	31.50555
960	86.77763	30.54576
961	90.00142	29.95515
962	91.92745	29.63582
963	92.11829	29.55794
964	90.94899	29.68452
965	89.30472	29.993
966	88.1351	30.46626
967	87.91875	31.0691
968	88.53847	31.77737
969	89.4954	32.5756
970	89.86818	33.30911
971	88.88184	33.98337
972	86.163	34.37435
973	82.4537	34.4468
974	78.30978	34.19136
975	74.83447	33.64326
976	72.46771	32.76978

977	71.36036	31.57514
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980	71.84727	26.61311
981	71.21732	24.57065
982	69.68254	22.51855
983	67.38608	20.31627
984	65.07214	18.10944
985	63.49659	15.98082
986	63.19176	13.96589
987	64.39819	12.10108
988	67.12301	10.40909
989	70.87596	9.010331
990	75.0599	7.81614
991	78.30488	6.84364
992	79.54413	6.081511
993	78.57676	5.402837
994	76.01531	4.839135
995	72.98055	4.337227
996	70.48785	3.884359
997	69.36424	3.465806
998	69.85826	3.105307
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1001	78.24026	2.23189
1002	81.31425	1.998408
1003	83.21407	1.797154
1004	83.8654	1.624894
1005	83.68667	1.468108
1006	83.47191	1.327665
1007	83.79109	1.201015
1008	85.04581	1.08381
1009	87.19467	0.975463
1010	89.52164	0.876183
1011	91.28169	0.795259
1012	91.5289	0.718583
1013	90.04097	0.65524
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1015	83.67306	0.552058
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1549	0.000628	0.128719
1550	0.003427	0.13264
1551	0.002673	0.131562
1552	-0.00188	0.129205
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1554	-0.00231	0.130008
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1556	0.003733	0.13269
1557	0.002893	0.128989
1558	0.003872	0.13286
1559	-0.00104	0.135359
1560	0.001871	0.129152
1561	0.004111	0.129876
1562	0.006373	0.132779
1563	0.008351	0.135054
1564	0.003984	0.125779
1565	0.014749	0.132796
1566	0.0132	0.132864
1567	0.011252	0.132437
1568	0.007087	0.13605
1569	0.013079	0.134514
1570	0.009075	0.129808
1571	0.011244	0.133139
1572	0.01105	0.134611
1573	0.015443	0.13763
1574	0.012056	0.139187
1575	0.003028	0.13354
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1577	-0.00157	0.136388
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1588	-0.00186	0.147628
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1595	-0.00183	0.157564
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1601	-0.00117	0.163069
1602	-0.00139	0.169056
1603	-0.00157	0.166073
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1607	-0.00103	0.168159
1608	-0.00101	0.170909
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1610	0.004237	0.172464
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1615	-0.00413	0.169103
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1618	-0.00523	0.165423
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1628	-0.00612	0.162836
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1638	0.002831	0.179334
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1642	-0.00138	0.182761
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1645	0.001504	0.191697
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1717	-0.00132	0.580802
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1719	-0.00198	0.62901
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1793	0.005411	39.88968
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1822	-0.00059	58.63307
1823	0.002567	58.45206
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1833	0.011509	54.10469
1834	0.015429	53.66881
1835	0.012967	53.19113
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1846	0.013991	49.82315
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1852	0.010833	51.06753
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1854	0.014995	52.30446
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1856	0.014181	53.58832

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1868	0.032557	65.30833
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1873	0.073327	71.23294
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1876	0.116924	73.94968
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1878	0.13555	75.5574
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1908	0.069146	75.58897
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1928	0.331108	81.56953
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2018	89.15244	79.32787
2019	88.16691	79.41847
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2021	86.6104	79.74111

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2111	77.81527	76.76978
2112	79.59065	76.69616
2113	81.34548	76.63492
2114	82.94938	76.62585
2115	84.42506	76.65044
2116	85.76311	76.69334
2117	86.83082	76.77324
2118	87.69598	76.87726
2119	88.28812	77.00012
2120	88.5697	77.15258
2121	88.56693	77.33205
2122	88.26786	77.51579
2123	87.72321	77.72012
2124	86.95124	77.92482
2125	85.95911	78.14341
2126	84.81013	78.35021
2127	83.61074	78.57246
2128	82.30877	78.79253
2129	81.00807	78.99949
2130	79.73939	79.20592
2131	78.46808	79.40603

2132	77.28119	79.58072
2133	76.22381	79.74458
2134	75.27599	79.90141
2135	74.47691	80.02579
2136	73.84008	80.14979
2137	73.34209	80.25974
2138	73.01092	80.33492
2139	72.84613	80.39397
2140	72.84515	80.43538
2141	73.02036	80.44303
2142	73.34425	80.4504
2143	73.8239	80.41565
2144	74.48157	80.40143
2145	75.26496	80.34401
2146	76.16946	80.28426
2147	77.1899	80.20345
2148	78.29956	80.11206
2149	79.46883	80.00327
2150	80.74715	79.92093
2151	81.98512	79.79947
2152	83.19472	79.69402
2153	84.29442	79.59273
2154	85.34667	79.50037
2155	86.18407	79.41557
2156	86.87816	79.32206
2157	87.33157	79.24374
2158	87.51864	79.20271
2159	87.44411	79.1513
2160	87.11498	79.1346
2161	86.47521	79.12128
2162	85.56929	79.1412
2163	84.36514	79.16779
2164	82.97402	79.21712
2165	81.3886	79.27253
2166	79.59412	79.36119
2167	77.7412	79.46773
2168	75.73727	79.56517
2169	73.7071	79.70164
2170	71.68135	79.8307
2171	69.67127	79.97145
2172	67.76437	80.12605
2173	65.88271	80.28589
2174	64.15932	80.43695
2175	62.48708	80.60051
2176	60.94039	80.7727
2177	59.56723	80.93931
2178	58.26361	81.10632
2179	57.16536	81.26355
2180	56.19642	81.42101
2181	55.345	81.58468
2182	54.63954	81.74432
2183	54.09249	81.88197
2184	53.69165	82.01156
2185	53.42307	82.10999
2186	53.29668	82.17222

2187	53.31178	82.23559
2188	53.45837	82.26753
2189	53.73238	82.29058
2190	54.15744	82.28611
2191	54.7092	82.25901
2192	55.39414	82.22601
2193	56.20285	82.16277
2194	57.19646	82.09597
2195	58.291	82.01068
2196	59.49173	81.90946
2197	60.84239	81.77998
2198	62.27355	81.65968
2199	63.84211	81.5101
2200	65.51595	81.35004
2201	67.26114	81.19064
2202	69.0159	81.00699
2203	70.87278	80.8334
2204	72.75013	80.63006
2205	74.52294	80.4466
2206	76.35632	80.24973
2207	78.10452	80.05251
2208	79.67271	79.86606
2209	81.16639	79.68241
2210	82.44229	79.49464
2211	83.49929	79.33173
2212	84.38728	79.16036
2213	85.01418	79.00312
2214	85.39572	78.86702
2215	85.52376	78.74945
2216	85.43378	78.62665
2217	85.11802	78.54831
2218	84.60474	78.4663
2219	83.89857	78.39968
2220	83.0499	78.35892
2221	82.09764	78.33279
2222	81.05802	78.31755
2223	79.97235	78.32288
2224	78.88036	78.34113
2225	77.74807	78.37512
2226	76.62339	78.42599
2227	75.62251	78.47349
2228	74.6437	78.55057
2229	73.7171	78.6251
2230	72.91042	78.7008
2231	72.18861	78.80447
2232	71.54444	78.9038
2233	71.04426	79.00356
2234	70.6546	79.10808
2235	70.37115	79.20704
2236	70.201	79.30177
2237	70.15977	79.40348
2238	70.22772	79.49122
2239	70.42418	79.58636
2240	70.74019	79.67087
2241	71.15619	79.74384

2242	71.67599	79.80779
2243	72.25648	79.855
2244	72.94626	79.88539
2245	73.72454	79.9099
2246	74.54718	79.92539
2247	75.44679	79.92385
2248	76.39546	79.91156
2249	77.3145	79.88267
2250	78.29902	79.8287
2251	79.29095	79.77067
2252	80.23119	79.69411
2253	81.12434	79.6068
2254	81.96509	79.50378
2255	82.71747	79.39619
2256	83.38208	79.26228
2257	83.93195	79.1096
2258	84.32407	78.9576
2259	84.58817	78.76608
2260	84.6814	78.58308
2261	84.61816	78.38937
2262	84.4061	78.19856
2263	84.04359	77.99362
2264	83.51008	77.81281
2265	82.85467	77.64759
2266	82.03499	77.52478
2267	81.14105	77.45773
2268	80.12946	77.41756
2269	79.05264	77.4296
2270	77.95893	77.45287
2271	76.81831	77.46908
2272	75.67829	77.50735
2273	74.51183	77.54237
2274	73.42152	77.60131
2275	72.30129	77.65575
2276	71.22758	77.71725
2277	70.26841	77.7868
2278	69.33675	77.86567
2279	68.50289	77.94219
2280	67.76245	78.02601
2281	67.08312	78.11667
2282	66.49323	78.20237
2283	66.01742	78.30613
2284	65.63268	78.39796
2285	65.36111	78.50282
2286	65.19622	78.60696
2287	65.11809	78.70836
2288	65.15335	78.81352
2289	65.28439	78.91715
2290	65.52496	79.04025
2291	65.86044	79.14509
2292	66.29645	79.25666
2293	66.82704	79.36812
2294	67.48174	79.48727
2295	68.21683	79.60954
2296	69.01716	79.72065

2297	69.90894	79.82733
2298	70.8605	79.94789
2299	71.87292	80.0555
2300	73.00482	80.1701