

Vrijeme od	Vrijeme do	Oznaka mjesta uzorkovanja	Mjesto uzorkovanja	Vrsta mjesta uzorkovanja
16.10.2019 6:00	17.10.2019 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
17.10.2019 6:00	18.10.2019 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
18.10.2019 6:00	19.10.2019 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
19.10.2019 6:00	20.10.2019 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
20.10.2019 6:00	21.10.2019 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
21.10.2019 6:00	22.10.2019 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
22.10.2019 6:00	23.10.2019 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
23.10.2019 6:00	24.10.2019 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
24.10.2019 6:00	25.10.2019 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
25.10.2019 6:00	26.10.2019 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
26.10.2019 6:00	27.10.2019 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
27.10.2019 6:00	28.10.2019 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
28.10.2019 6:00	29.10.2019 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
29.10.2019 6:00	30.10.2019 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
30.10.2019 6:00	31.10.2019 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
31.10.2019 6:00	1.11.2019 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
16.10.2019 6:00	17.10.2019 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
17.10.2019 6:00	18.10.2019 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
18.10.2019 6:00	19.10.2019 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
19.10.2019 6:00	20.10.2019 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
20.10.2019 6:00	21.10.2019 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
21.10.2019 6:00	22.10.2019 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
22.10.2019 6:00	23.10.2019 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
23.10.2019 6:00	24.10.2019 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
24.10.2019 6:00	25.10.2019 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
25.10.2019 6:00	26.10.2019 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
26.10.2019 6:00	27.10.2019 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
27.10.2019 6:00	28.10.2019 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
28.10.2019 6:00	29.10.2019 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
29.10.2019 6:00	30.10.2019 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
30.10.2019 6:00	31.10.2019 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
31.10.2019 6:00	1.11.2019 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
16.10.2019 6:00	17.10.2019 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
17.10.2019 6:00	18.10.2019 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
18.10.2019 6:00	19.10.2019 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
19.10.2019 6:00	20.10.2019 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
20.10.2019 6:00	21.10.2019 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
21.10.2019 6:00	22.10.2019 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
22.10.2019 6:00	23.10.2019 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
23.10.2019 6:00	24.10.2019 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
24.10.2019 6:00	25.10.2019 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
25.10.2019 6:00	26.10.2019 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
26.10.2019 6:00	27.10.2019 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
27.10.2019 6:00	28.10.2019 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
28.10.2019 6:00	29.10.2019 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
29.10.2019 6:00	30.10.2019 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
30.10.2019 6:00	31.10.2019 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
31.10.2019 6:00	1.11.2019 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak

Kromatografska analiza plina za izlaz iz transportnog sustava Zaprešić - 6 bara - Zaprešić, je identična sa izlazom Zapad - 6 bara - Zagreb, a iz razloga jer obadva izlaza iz transportnog sustava preuzimaju plin iz istog plinovoda.
Podaci preuzeti sa web stranice transportnog operatora Plinacro.

Zadnja izmjena	N2	CO2	C1	C2	C3	C3+	n-C4	i-C4	n-C5	i-C5	neo-C5	C6	C6+	C7	C8
17.10.2019 7:55	0,654	0,203	95,909	2,334	0,656	0,884	0,096	0,101	0,012	0,018	0,001	-	0,016	-	-
18.10.2019 7:55	0,66	0,219	95,781	2,39	0,694	0,934	0,102	0,105	0,013	0,019	0,001	-	0,016	-	-
19.10.2019 7:55	0,648	0,211	95,849	2,383	0,663	0,894	0,097	0,102	0,013	0,018	0,001	-	0,016	-	-
20.10.2019 7:55	0,636	0,217	95,868	2,405	0,636	0,859	0,093	0,099	0,012	0,017	0,001	-	0,015	-	-
21.10.2019 7:55	0,644	0,212	95,855	2,388	0,655	0,884	0,097	0,101	0,013	0,018	0,001	-	0,015	-	-
22.10.2019 7:55	0,673	0,241	95,803	2,345	0,685	0,922	0,1	0,104	0,013	0,019	0,001	-	0,016	-	-
23.10.2019 7:55	0,691	0,312	95,547	2,399	0,771	1,034	0,11	0,115	0,015	0,021	0,001	-	0,017	-	-
24.10.2019 7:55	0,661	0,21	95,728	2,431	0,708	0,954	0,104	0,108	0,014	0,019	0,001	-	0,016	-	-
25.10.2019 7:55	0,67	0,223	95,685	2,421	0,731	0,985	0,107	0,111	0,014	0,02	0,001	-	0,016	-	-
26.10.2019 7:55	0,671	0,212	95,576	2,509	0,753	1,015	0,112	0,114	0,015	0,021	0,001	-	0,017	-	-
27.10.2019 7:55	0,667	0,215	95,52	2,545	0,768	1,036	0,114	0,117	0,015	0,021	0,001	-	0,018	-	-
28.10.2019 7:55	0,645	0,226	95,437	2,628	0,774	1,046	0,115	0,118	0,015	0,021	0,001	-	0,018	-	-
29.10.2019 7:55	0,653	0,219	95,44	2,606	0,787	1,063	0,117	0,12	0,015	0,022	0,001	-	0,018	-	-
30.10.2019 7:55	0,648	0,219	95,476	2,595	0,775	1,044	0,114	0,118	0,015	0,021	0,001	-	0,018	-	-
31.10.2019 7:55	0,651	0,221	95,466	2,602	0,775	1,043	0,114	0,117	0,015	0,021	0,001	-	0,017	-	-
1.11.2019 7:55	0,673	0,213	95,585	2,506	0,746	1,005	0,11	0,113	0,014	0,02	0,001	-	0,017	-	-
17.10.2019 7:55	0,652	0,202	95,911	2,33	0,662	0,892	0,097	0,102	0,013	0,018	0,001	-	0,012	-	-
18.10.2019 7:55	0,648	0,206	95,826	2,38	0,689	0,927	0,101	0,105	0,013	0,019	0,001	-	0,013	-	-
19.10.2019 7:55	0,64	0,213	95,861	2,391	0,655	0,882	0,096	0,101	0,012	0,018	0,001	-	0,013	-	-
20.10.2019 7:55	0,632	0,216	95,889	2,391	0,636	0,859	0,093	0,099	0,012	0,017	0,001	-	0,013	-	-
21.10.2019 7:55	0,642	0,211	95,877	2,373	0,655	0,885	0,097	0,101	0,013	0,018	0,001	-	0,013	-	-
22.10.2019 7:55	0,66	0,204	95,914	2,325	0,654	0,883	0,097	0,101	0,013	0,018	0,001	-	0,013	-	-
23.10.2019 7:55	0,664	0,204	95,864	2,343	0,676	0,912	0,1	0,104	0,013	0,019	0,001	-	0,013	-	-
24.10.2019 7:55	0,656	0,21	95,747	2,421	0,707	0,953	0,105	0,108	0,014	0,019	0,001	-	0,013	-	-
25.10.2019 7:55	0,663	0,218	95,695	2,432	0,727	0,98	0,107	0,111	0,014	0,02	0,001	-	0,013	-	-
26.10.2019 7:55	0,666	0,212	95,58	2,511	0,754	1,018	0,112	0,115	0,015	0,021	0,001	-	0,013	-	-
27.10.2019 7:55	0,661	0,215	95,527	2,546	0,768	1,037	0,115	0,118	0,015	0,021	0,001	-	0,014	-	-
28.10.2019 7:55	0,641	0,225	95,449	2,623	0,775	1,047	0,115	0,119	0,015	0,022	0,001	-	0,015	-	-
29.10.2019 7:55	0,649	0,218	95,457	2,6	0,785	1,061	0,117	0,12	0,016	0,022	0,001	-	0,014	-	-
30.10.2019 7:55	0,647	0,235	95,45	2,603	0,773	1,049	0,114	0,117	0,018	0,026	0	-	0,016	-	-
31.10.2019 7:55	0,647	0,218	95,469	2,606	0,774	1,046	0,115	0,119	0,015	0,021	0,001	-	0,014	-	-
1.11.2019 7:55	0,668	0,212	95,595	2,508	0,745	1,004	0,11	0,114	0,014	0,02	0,001	-	0,014	-	-
17.10.2019 7:55	0,733	0,206	95,654	2,45	0,722	0,957	0,084	0,108	0,013	0,019	0	0	-	0	0
18.10.2019 7:55	0,717	0,372	94,916	2,844	0,882	1,151	0,099	0,121	0,016	0,022	0	0	-	0	0
19.10.2019 7:55	0,762	0,507	94,972	2,57	0,906	1,19	0,096	0,132	0,017	0,025	0	0	-	0	0
20.10.2019 7:55	0,715	0,575	94,947	2,53	0,924	1,233	0,102	0,144	0,019	0,029	0	0	-	0	0
21.10.2019 7:55	0,695	0,458	95,216	2,489	0,854	1,142	0,096	0,135	0,017	0,026	0	0	-	0	0
22.10.2019 7:55	0,717	0,521	95,043	2,497	0,917	1,222	0,102	0,142	0,018	0,028	0	0	-	0	0
23.10.2019 7:55	0,67	0,218	95,753	2,392	0,725	0,967	0,085	0,114	0,014	0,02	0	0	-	0	0
24.10.2019 7:55	0,67	0,2	95,807	2,373	0,711	0,95	0,084	0,112	0,014	0,019	0	0	-	0	0
25.10.2019 7:55	0,737	0,199	95,395	2,667	0,76	1,002	0,088	0,112	0,014	0,019	0	0	-	0	0
26.10.2019 7:55	0,67	0,21	95,648	2,487	0,737	0,985	0,087	0,116	0,014	0,02	0	0	-	0	0
27.10.2019 7:55	0,65	0,213	95,645	2,499	0,743	0,994	0,088	0,117	0,014	0,02	0	0	-	0	0
28.10.2019 7:55	0,652	0,211	95,656	2,488	0,744	0,993	0,087	0,117	0,014	0,02	0	0	-	0	0
29.10.2019 7:55	0,655	0,213	95,603	2,52	0,755	1,009	0,089	0,119	0,014	0,021	0	0	-	0	0
30.10.2019 7:55	0,653	0,217	95,547	2,563	0,763	1,021	0,09	0,121	0,015	0,021	0	0	-	0	0
31.10.2019 7:55	0,602	0,229	94,934	3,045	0,913	1,19	0,105	0,125	0,015	0,021	0	0	-	0	0
1.11.2019 7:55	0,629	0,22	94,836	3,111	0,93	1,203	0,106	0,122	0,015	0,021	0	0	-	0	0

C9+	NCV (kWh/m3) @15/15	NCV (MJ/m3) @15/15	NCV (kWh/m3) @25/0	NCV (MJ/m3) @25/0	GCV (kWh/m3) @15/15	GCV (MJ/m3) @15/15	GCV (kWh/m3) @25/0	GCV (MJ/m3) @25/0	Wd(kWh/ m3) @15/15	Wd(Mj/m 3) @15/15	Wd(kWh/ m3) @25/0
-	9,695831	34,905	10,231619	36,834	10,756457	38,723	11,340407	40,825	12,718	45,786	13,419
-	9,706167	34,942	10,242542	36,873	10,767454	38,763	11,352021	40,867	12,721	45,796	13,422
-	9,700952	34,923	10,237029	36,853	10,761941	38,743	11,346197	40,846	12,721	45,795	13,422
-	9,697147	34,91	10,23301	36,839	10,75788	38,728	11,341909	40,831	12,719	45,788	13,42
-	9,699882	34,92	10,235899	36,849	10,760801	38,739	11,344993	40,842	12,72	45,793	13,422
-	9,697609	34,911	10,233507	36,841	10,758156	38,729	11,342211	40,832	12,711	45,759	13,411
-	9,712283	34,964	10,249022	36,896	10,773568	38,785	11,358502	40,891	12,706	45,74	13,406
-	9,713621	34,969	10,250414	36,901	10,775471	38,792	11,360485	40,898	12,727	45,817	13,428
-	9,715962	34,977	10,252891	36,91	10,777901	38,8	11,363054	40,907	12,727	45,817	13,428
-	9,729041	35,025	10,266706	36,96	10,791956	38,851	11,377891	40,96	12,735	45,844	13,436
-	9,735859	35,049	10,273908	36,986	10,799268	38,877	11,385611	40,988	12,739	45,859	13,441
-	9,744691	35,081	10,283239	37,02	10,808769	38,912	11,395641	41,024	12,744	45,879	13,447
-	9,745827	35,085	10,284439	37,024	10,809985	38,916	11,396925	41,029	12,745	45,883	13,448
-	9,742002	35,071	10,280397	37,009	10,805902	38,901	11,392614	41,013	12,743	45,877	13,446
-	9,741592	35,07	10,279963	37,008	10,805444	38,9	11,392131	41,012	12,743	45,873	13,445
-	9,726769	35,016	10,264305	36,951	10,789507	38,842	11,375306	40,951	12,733	45,838	13,435
-	9,695865	34,905	10,231655	36,834	10,756508	38,723	11,340459	40,826	12,719	45,788	13,42
-	9,70525	34,939	10,241569	36,87	10,766564	38,76	11,351077	40,864	12,724	45,807	13,426
-	9,69885	34,916	10,234808	36,845	10,759708	38,735	11,343838	40,838	12,72	45,793	13,421
-	9,695614	34,904	10,231388	36,833	10,756258	38,723	11,340195	40,825	12,719	45,787	13,42
-	9,698088	34,913	10,234004	36,842	10,758893	38,732	11,342977	40,835	12,72	45,792	13,421
-	9,693057	34,895	10,228689	36,823	10,753458	38,712	11,337242	40,814	12,716	45,777	13,417
-	9,699113	34,917	10,235087	36,846	10,759937	38,736	11,344082	40,839	12,719	45,789	13,42
-	9,711957	34,963	10,248656	36,895	10,773708	38,785	11,358621	40,891	12,727	45,815	13,428
-	9,711957	34,963	10,248656	36,895	10,773708	38,785	11,362937	40,907	12,727	45,816	13,428
-	9,728596	35,023	10,266235	36,958	10,791495	38,849	11,377403	40,959	12,735	45,845	13,437
-	9,735222	35,047	10,273235	36,984	10,798606	38,875	11,38491	40,986	12,739	45,86	13,441
-	9,74358	35,077	10,282063	37,015	10,807596	38,907	11,394402	41,02	12,744	45,879	13,447
-	9,744074	35,079	10,282584	37,017	10,808122	38,909	11,394956	41,022	12,745	45,881	13,447
-	9,742087	35,072	10,280489	37,01	10,805935	38,901	11,392652	41,014	12,741	45,867	13,443
-	9,741909	35,071	10,280297	37,009	10,805809	38,901	11,392513	41,013	12,744	45,877	13,446
-	9,725899	35,013	10,263385	36,948	10,788599	38,839	11,374346	40,948	12,733	45,839	13,435
0	9,703009	34,931	10,239068	36,861	10,763717	38,749	11,348063	40,853	12,713	45,768	13,414
0	9,749843	35,099	10,288579	37,039	10,813356	38,928	11,400513	41,042	12,714	45,77	13,415
0	9,72012	34,992	10,257212	36,926	10,780853	38,811	11,366241	40,918	12,668	45,606	13,366
0	9,723975	35,006	10,261294	36,941	10,784913	38,826	11,370539	40,934	12,664	45,591	13,362
0	9,718371	34,986	10,255352	36,919	10,779407	38,806	11,364698	40,913	12,683	45,659	13,382
0	9,724284	35,007	10,261612	36,942	10,785434	38,828	11,371078	40,936	12,673	45,624	13,372
0	9,706053	34,942	10,242297	36,872	10,767175	38,762	11,351728	40,866	12,72	45,793	13,421
0	9,703303	34,932	10,239389	36,862	10,764291	38,751	11,348679	40,855	12,722	45,798	13,423
0	9,726789	35,016	10,264202	36,951	10,789211	38,841	11,374991	40,95	12,728	45,821	13,43
0	9,71678	34,98	10,253627	36,913	10,778697	38,803	11,363889	40,91	12,728	45,82	13,429
0	9,720854	34,995	10,257929	36,929	10,783127	38,819	11,368564	40,927	12,732	45,835	13,434
0	9,719751	34,991	10,256764	36,924	10,781943	38,815	11,367313	40,922	12,731	45,833	13,433
0	9,724464	35,008	10,261743	36,942	10,786976	38,833	11,372628	40,941	12,734	45,841	13,435
0	9,729614	35,027	10,267184	36,962	10,79249	38,853	11,378449	40,962	12,736	45,85	13,438
0	9,79519	35,263	10,336449	37,211	10,862901	39,106	11,452771	41,23	12,778	46,002	13,483
0	9,79985	35,279	10,341373	37,229	10,867824	39,124	11,457971	41,249	12,779	46,006	13,484

Wd(Mj/m ³) @25/0	Wg(kWh/m ³) @15/15	Wg(Mj/m ³) @15/15	Wg(kWh/m ³) @25/0	Wg(Mj/m ³) @25/0	d(kg/m ³) @15	d(kg/m ³) @0	ρ (kg/m ³) @15	ρ (kg/m ³) @0	M kg/kmol	R J/kgK	MN (metanski broj)
48,31	14,11	50,795	14,874	53,545	0,712	0,7516	0,5812	0,5813	16,803	494,839	86,873
48,32	14,112	50,803	14,876	53,554	0,713	0,7529	0,5822	0,5823	16,832	493,986	86,514
48,319	14,112	50,804	14,876	53,555	0,713	0,7521	0,5816	0,5817	16,814	494,504	86,718
48,312	14,11	50,797	14,874	53,547	0,712	0,7518	0,5813	0,5814	16,806	494,734	86,845
48,317	14,112	50,802	14,876	53,553	0,713	0,752	0,5815	0,5816	16,812	494,572	86,754
48,281	14,101	50,763	14,864	53,512	0,713	0,7528	0,5821	0,5823	16,829	494,066	86,695
48,261	14,094	50,738	14,857	53,486	0,716	0,7557	0,5843	0,5845	16,895	492,136	86,077
48,342	14,118	50,825	14,883	53,577	0,714	0,7534	0,5825	0,5827	16,842	493,684	86,308
48,342	14,116	50,817	14,88	53,568	0,714	0,754	0,583	0,5831	16,855	493,3	86,193
48,371	14,126	50,853	14,891	53,607	0,715	0,7549	0,5837	0,5838	16,875	492,718	85,827
48,386	14,13	50,868	14,895	53,622	0,716	0,7555	0,5841	0,5843	16,888	492,344	85,637
48,408	14,136	50,889	14,901	53,645	0,716	0,7561	0,5847	0,5848	16,903	491,886	85,411
48,412	14,137	50,893	14,902	53,649	0,717	0,7562	0,5847	0,5849	16,905	491,844	85,373
48,405	14,135	50,887	14,901	53,642	0,716	0,7558	0,5844	0,5846	16,896	492,119	85,499
48,402	14,134	50,883	14,9	53,638	0,716	0,7559	0,5844	0,5846	16,897	492,071	85,498
48,365	14,124	50,846	14,889	53,599	0,715	0,7547	0,5836	0,5837	16,872	492,806	85,88
48,312	14,11	50,797	14,874	53,548	0,712	0,7516	0,5811	0,5813	16,801	494,874	86,881
48,332	14,116	50,816	14,88	53,568	0,713	0,7524	0,5818	0,5819	16,82	494,32	86,601
48,317	14,112	50,801	14,876	53,552	0,712	0,7519	0,5814	0,5815	16,809	494,658	86,793
48,311	14,11	50,796	14,874	53,547	0,712	0,7515	0,5811	0,5813	16,801	494,876	86,905
48,316	14,111	50,801	14,875	53,551	0,712	0,7518	0,5813	0,5815	16,807	494,718	86,817
48,301	14,107	50,785	14,871	53,535	0,712	0,7515	0,5811	0,5812	16,8	494,922	86,93
48,313	14,11	50,797	14,874	53,548	0,713	0,752	0,5815	0,5817	16,812	494,56	86,743
48,341	14,118	50,824	14,882	53,576	0,714	0,7532	0,5824	0,5825	16,837	493,822	86,371
48,341	14,118	50,824	14,882	53,576	0,714	0,7537	0,5828	0,583	16,85	493,447	86,225
48,372	14,126	50,854	14,891	53,608	0,715	0,7548	0,5836	0,5838	16,873	492,787	85,852
48,388	14,13	50,869	14,895	53,624	0,716	0,7553	0,584	0,5842	16,885	492,431	85,671
48,408	14,136	50,889	14,901	53,645	0,716	0,756	0,5845	0,5847	16,9	491,997	85,457
48,41	14,137	50,891	14,902	53,647	0,716	0,756	0,5845	0,5847	16,9	491,989	85,435
48,395	14,132	50,875	14,897	53,63	0,716	0,7562	0,5847	0,5848	16,903	491,885	85,423
48,406	14,135	50,888	14,901	53,643	0,716	0,7558	0,5844	0,5845	16,894	492,152	85,51
48,366	14,124	50,848	14,889	53,601	0,715	0,7545	0,5834	0,5836	16,868	492,921	85,923
48,29	14,103	50,771	14,867	53,52	0,714	0,7533	0,5825	0,5827	16,841	493,707	86,354
48,293	14,101	50,763	14,864	53,512	0,721	0,7605	0,5881	0,5882	17,001	489,064	84,721
48,119	14,051	50,583	14,811	53,321	0,721	0,7614	0,5887	0,5889	17,021	488,517	85,192
48,103	14,046	50,565	14,806	53,303	0,722	0,7625	0,5896	0,5898	17,045	487,802	85,07
48,175	14,068	50,644	14,829	53,386	0,719	0,7593	0,5871	0,5873	16,975	489,826	85,509
48,137	14,056	50,602	14,817	53,342	0,721	0,7615	0,5888	0,5889	17,022	488,477	85,163
48,316	14,111	50,799	14,875	53,55	0,713	0,753	0,5822	0,5824	16,833	493,938	86,426
48,322	14,113	50,806	14,877	53,557	0,713	0,7524	0,5818	0,5819	16,82	494,328	86,544
48,346	14,118	50,826	14,883	53,578	0,716	0,7553	0,584	0,5842	16,884	492,456	85,655
48,345	14,119	50,828	14,883	53,58	0,714	0,7537	0,5828	0,583	16,85	493,439	86,117
48,361	14,123	50,844	14,888	53,597	0,714	0,7539	0,5829	0,5831	16,853	493,353	86,051
48,359	14,123	50,842	14,888	53,595	0,714	0,7538	0,5828	0,583	16,851	493,421	86,083
48,367	14,125	50,849	14,89	53,603	0,715	0,7543	0,5832	0,5834	16,862	493,104	85,931
48,377	14,128	50,859	14,893	53,613	0,715	0,7547	0,5836	0,5838	16,872	492,79	85,776
48,537	14,171	51,016	14,939	53,779	0,72	0,7599	0,5876	0,5878	16,987	489,464	84,055
48,541	14,172	51,02	14,94	53,783	0,721	0,7605	0,5881	0,5882	17	489,076	83,871