

Vrijeme od	Vrijeme do	Oznaka mjesta uzorkovanja	Mjesto uzorkovanja	Vrsta mjesta uzorkovanja
1.8.2021 6:00	2.8.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
2.8.2021 6:00	3.8.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
3.8.2021 6:00	4.8.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
4.8.2021 6:00	5.8.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
5.8.2021 6:00	6.8.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
6.8.2021 6:00	7.8.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
7.8.2021 6:00	8.8.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
8.8.2021 6:00	9.8.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
9.8.2021 6:00	10.8.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
10.8.2021 6:00	11.8.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
11.8.2021 6:00	12.8.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
12.8.2021 6:00	13.8.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
13.8.2021 6:00	14.8.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
14.8.2021 6:00	15.8.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
15.8.2021 6:00	16.8.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
1.8.2021 6:00	2.8.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
2.8.2021 6:00	3.8.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
3.8.2021 6:00	4.8.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
4.8.2021 6:00	5.8.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
5.8.2021 6:00	6.8.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
6.8.2021 6:00	7.8.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
7.8.2021 6:00	8.8.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
8.8.2021 6:00	9.8.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
9.8.2021 6:00	10.8.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
10.8.2021 6:00	11.8.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
11.8.2021 6:00	12.8.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
12.8.2021 6:00	13.8.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
13.8.2021 6:00	14.8.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
14.8.2021 6:00	15.8.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
15.8.2021 6:00	16.8.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
1.8.2021 6:00	2.8.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
2.8.2021 6:00	3.8.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
3.8.2021 6:00	4.8.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
4.8.2021 6:00	5.8.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
5.8.2021 6:00	6.8.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
6.8.2021 6:00	7.8.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
7.8.2021 6:00	8.8.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
8.8.2021 6:00	9.8.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
9.8.2021 6:00	10.8.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
10.8.2021 6:00	11.8.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
11.8.2021 6:00	12.8.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
12.8.2021 6:00	13.8.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
13.8.2021 6:00	14.8.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
14.8.2021 6:00	15.8.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
15.8.2021 6:00	16.8.2021 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 (mol %)	CO2 (mol %)	C1 (mol %)	C2 (mol %)	C3 (mol %)	C3+ (mol %)	n-C4 (mol %)	i-C4 (mol %)	n-C5 (mol %)	i-C5 (mol %)	neo-C5 (mol %)	C6 (mol %)	C6+ (mol %)	C7 (mol %)
2.8.2021 7:55	0,37	0,068	93,538	5,785	0,176	0,239	0,027	0,027	0,002	0,003	0	-	0,003	-
3.8.2021 7:55	0,35	0,081	93,585	5,735	0,183	0,248	0,028	0,027	0,003	0,004	0	-	0,004	-
4.8.2021 7:55	0,35	0,073	93,623	5,753	0,149	0,201	0,022	0,021	0,002	0,003	0	-	0,004	-
5.8.2021 7:55	0,346	0,08	93,613	5,74	0,163	0,221	0,024	0,023	0,003	0,004	0	-	0,004	-
6.8.2021 7:55	0,345	0,092	93,586	5,726	0,186	0,251	0,027	0,026	0,003	0,004	0	-	0,004	-
7.8.2021 7:55	0,292	0,065	93,513	5,927	0,151	0,203	0,022	0,021	0,002	0,003	0	-	0,003	-
8.8.2021 7:55	0,296	0,089	93,559	5,813	0,179	0,243	0,026	0,025	0,003	0,004	0	-	0,004	-
9.8.2021 7:55	0,304	0,093	93,576	5,794	0,172	0,234	0,025	0,024	0,003	0,004	0	-	0,005	-
10.8.2021 7:55	0,244	0,054	93,5	6,04	0,121	0,162	0,017	0,017	0,002	0,003	0	-	0,003	-
11.8.2021 7:55	0,249	0,082	93,53	5,928	0,155	0,211	0,023	0,022	0,003	0,004	0	-	0,004	-
12.8.2021 7:55	0,233	0,084	93,503	5,965	0,16	0,216	0,023	0,022	0,003	0,004	0	-	0,004	-
13.8.2021 7:55	0,201	0,08	93,426	6,086	0,155	0,207	0,022	0,021	0,002	0,003	0	-	0,003	-
14.8.2021 7:55	0,221	0,086	96,268	3,161	0,198	0,265	0,027	0,025	0,004	0,006	0	-	0,006	-
15.8.2021 7:55	0,18	0,045	96,884	2,693	0,15	0,197	0,019	0,018	0,003	0,004	0	-	0,004	-
16.8.2021 7:55	0,211	0,074	96,747	2,717	0,188	0,251	0,025	0,023	0,003	0,005	0	-	0,006	-
2.8.2021 7:55	0,721	0,535	94,822	2,967	0,681	0,955	0,107	0,099	0,017	0,022	0,002	-	0,027	-
3.8.2021 7:55	0,74	0,531	94,783	2,952	0,711	0,993	0,111	0,102	0,018	0,023	0,002	-	0,027	-
4.8.2021 7:55	0,711	0,509	94,934	2,91	0,671	0,937	0,103	0,097	0,017	0,022	0,002	-	0,026	-
5.8.2021 7:55	0,777	0,542	94,659	2,954	0,771	1,069	0,118	0,107	0,019	0,024	0,001	-	0,026	-
6.8.2021 7:55	0,801	0,554	94,516	2,994	0,82	1,136	0,127	0,114	0,02	0,026	0,001	-	0,028	-
7.8.2021 7:55	0,769	0,538	94,602	2,99	0,792	1,101	0,123	0,112	0,02	0,025	0,001	-	0,027	-
8.8.2021 7:55	0,769	0,554	94,561	3,017	0,79	1,1	0,123	0,112	0,02	0,026	0,002	-	0,028	-
9.8.2021 7:55	0,75	0,546	94,629	3,009	0,762	1,066	0,119	0,11	0,019	0,025	0,002	-	0,028	-
10.8.2021 7:55	0,737	0,544	94,671	3,008	0,741	1,039	0,117	0,108	0,019	0,025	0,002	-	0,028	-
11.8.2021 7:55	0,769	0,56	94,541	3,034	0,785	1,097	0,123	0,112	0,02	0,026	0,002	-	0,029	-
12.8.2021 7:55	0,768	0,585	94,418	3,114	0,805	1,115	0,124	0,113	0,019	0,025	0,001	-	0,027	-
13.8.2021 7:55	0,757	0,565	94,469	3,089	0,811	1,121	0,125	0,113	0,019	0,025	0,001	-	0,026	-
14.8.2021 7:55	0,75	0,566	94,524	3,09	0,771	1,069	0,119	0,109	0,019	0,024	0,001	-	0,027	-
15.8.2021 7:55	0,737	0,539	94,644	3,028	0,757	1,052	0,116	0,108	0,019	0,024	0,001	-	0,027	-
16.8.2021 7:55	0,739	0,537	94,657	3,027	0,746	1,04	0,115	0,107	0,019	0,024	0,002	-	0,027	-
2.8.2021 7:55	0,371	0,074	93,558	5,747	0,191	0,25	0,023	0,028	0,003	0,003	0	0,002	-	0
3.8.2021 7:55	0,345	0,078	93,585	5,745	0,189	0,247	0,023	0,027	0,003	0,004	0	0,002	-	0
4.8.2021 7:55	0,349	0,075	93,624	5,747	0,158	0,205	0,018	0,022	0,003	0,003	0	0,002	-	0
5.8.2021 7:55	0,343	0,079	93,621	5,737	0,168	0,219	0,019	0,023	0,003	0,004	0	0,002	-	0
6.8.2021 7:55	0,343	0,091	93,594	5,72	0,192	0,252	0,023	0,026	0,003	0,005	0	0,002	-	0
7.8.2021 7:55	0,296	0,069	93,53	5,892	0,164	0,213	0,019	0,022	0,003	0,003	0	0,002	-	0
8.8.2021 7:55	0,29	0,086	93,56	5,825	0,183	0,239	0,022	0,025	0,003	0,004	0	0,002	-	0
9.8.2021 7:55	0,303	0,093	93,58	5,79	0,18	0,235	0,021	0,024	0,003	0,004	0	0,003	-	0
10.8.2021 7:55	0,249	0,059	93,516	6,003	0,134	0,173	0,015	0,017	0,002	0,003	0	0,001	-	0
11.8.2021 7:55	0,245	0,078	93,526	5,947	0,158	0,205	0,018	0,021	0,003	0,004	0	0,002	-	0
12.8.2021 7:55	0,233	0,084	93,508	5,956	0,167	0,218	0,019	0,022	0,003	0,004	0	0,002	-	0
13.8.2021 7:55	0,203	0,081	93,431	6,075	0,163	0,21	0,018	0,021	0,003	0,004	0	0,002	-	0
14.8.2021 7:55	0,218	0,085	96,02	3,418	0,199	0,259	0,022	0,025	0,004	0,006	0	0,003	-	0
15.8.2021 7:55	0,19	0,055	96,855	2,688	0,166	0,212	0,017	0,019	0,003	0,005	0	0,003	-	0
16.8.2021 7:55	0,201	0,066	96,8	2,699	0,182	0,234	0,019	0,021	0,004	0,005	0	0,003	-	0

C8 (mol %)	C9+ (mol %)	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/m3) @15/15	Wd(kWh/m3) @25/0
-	-	9,877478	35,559	10,423426	37,524	10,952527	39,429	11,54731	41,57	12,882	46,377	13,593
-	-	9,87545	35,552	10,421285	37,517	10,950362	39,421	11,545025	41,562	12,881	46,37	13,591
-	-	9,869628	35,531	10,415133	37,494	10,944151	39,399	11,538465	41,538	12,879	46,363	13,589
-	-	9,871689	35,538	10,41731	37,502	10,944151	39,399	11,540786	41,547	12,879	46,363	13,589
-	-	9,875124	35,55	10,420943	37,515	10,949997	39,42	11,544641	41,561	12,879	46,365	13,589
-	-	9,888989	35,6	10,435577	37,568	10,965137	39,474	11,56061	41,618	12,898	46,433	13,609
-	-	9,884978	35,586	10,431346	37,553	10,960743	39,459	11,555978	41,602	12,891	46,408	13,602
-	-	9,881052	35,572	10,427201	37,538	10,956493	39,443	11,551494	41,585	12,887	46,394	13,598
-	-	9,896054	35,626	10,443034	37,595	10,972923	39,503	11,56882	41,648	12,91	46,475	13,621
-	-	9,893191	35,615	10,440016	37,584	10,969738	39,491	11,565466	41,636	12,902	46,449	13,614
-	-	9,898051	35,633	10,445149	37,603	10,974997	39,51	11,571018	41,656	12,907	46,464	13,618
-	-	9,908716	35,671	10,456411	37,643	10,986553	39,552	11,583212	41,7	12,917	46,502	13,629
-	-	9,699131	34,917	10,23503	36,846	10,761961	38,743	11,346115	40,846	12,791	46,049	13,496
-	-	9,660748	34,779	10,194475	36,7	10,721147	38,596	11,303012	40,691	12,781	46,012	13,486
-	-	9,666367	34,799	10,20042	36,722	10,72694	38,617	11,30914	40,713	12,775	45,991	13,479
-	-	9,71789	34,984	10,254981	36,918	10,778626	38,803	11,363895	40,91	12,667	45,602	13,366
-	-	9,722185	35	10,25952	36,934	10,783163	38,819	11,368686	40,927	12,668	45,604	13,366
-	-	9,71405	34,971	10,25092	36,903	10,774632	38,789	11,35967	40,895	12,67	45,612	13,368
-	-	9,730056	35,028	10,267841	36,964	10,774632	38,789	11,35967	40,895	12,666	45,599	13,365
-	-	9,741345	35,069	10,279771	37,007	10,803393	38,892	11,39006	41,004	12,668	45,606	13,367
-	-	9,739526	35,062	10,277845	37	10,801617	38,886	11,388177	40,997	12,674	45,625	13,372
-	-	9,740284	35,065	10,278648	37,003	10,802372	38,889	11,388978	41	12,671	45,617	13,37
-	-	9,736589	35,052	10,274741	36,989	10,79851	38,875	11,384897	40,986	12,673	45,622	13,371
-	-	9,733662	35,041	10,271647	36,978	10,795424	38,864	11,381636	40,974	12,673	45,621	13,371
-	-	9,740712	35,067	10,279102	37,005	10,802808	38,89	11,389439	41,002	12,671	45,614	13,369
-	-	9,74678	35,088	10,285515	37,028	10,809219	38,913	11,396213	41,026	12,67	45,612	13,368
-	-	9,74807	35,093	10,286873	37,033	10,810719	38,919	11,39779	41,032	12,676	45,632	13,374
-	-	9,740535	35,066	10,278912	37,004	10,80266	38,89	11,389281	41,001	12,672	45,618	13,37
-	-	9,736827	35,053	10,274989	36,99	10,798833	38,876	11,385234	40,987	12,675	45,631	13,374
-	-	9,735108	35,046	10,273173	36,983	10,796995	38,869	11,383291	40,98	12,675	45,629	13,373
0	0	9,874577	35,548	10,420235	37,513	10,949275	39,417	11,543849	41,558	12,879	46,365	13,589
0	0	9,875956	35,553	10,42169	37,518	10,950831	39,423	11,54549	41,564	12,882	46,376	13,592
0	0	9,869197	35,529	10,414549	37,492	10,943585	39,397	11,537839	41,536	12,878	46,363	13,588
0	0	9,870866	35,535	10,416313	37,499	10,945377	39,403	11,539732	41,543	12,879	46,365	13,589
0	0	9,874084	35,547	10,419715	37,511	10,948786	39,416	11,543334	41,556	12,879	46,364	13,589
0	0	9,886649	35,592	10,432979	37,559	10,9625	39,465	11,557798	41,608	12,896	46,424	13,606
0	0	9,885308	35,587	10,431565	37,554	10,961027	39,46	11,556247	41,602	12,893	46,413	13,603
0	0	9,88033	35,569	10,426309	37,535	10,955621	39,44	11,550544	41,582	12,887	46,393	13,597
0	0	9,893611	35,617	10,440325	37,585	10,970166	39,493	11,565881	41,637	12,907	46,465	13,618
0	0	9,893602	35,617	10,440321	37,585	10,970107	39,492	11,565823	41,637	12,904	46,454	13,615
0	0	9,897084	35,63	10,443999	37,598	10,973859	39,506	11,569785	41,651	12,906	46,462	13,618
0	0	9,907418	35,667	10,454911	37,638	10,985051	39,546	11,581595	41,694	12,916	46,498	13,628
0	0	9,717015	34,981	10,253789	36,914	10,781009	38,812	11,36621	40,918	12,802	46,089	13,508
0	0	9,660312	34,777	10,193895	36,698	10,720474	38,594	11,30231	40,688	12,778	46	13,482
0	0	9,663055	34,787	10,196797	36,708	10,723336	38,604	11,305335	40,699	12,776	45,994	13,48

Wd(Mj/m3) @25/0	Wg(kWh/m3) @15/15	Wg(Mj/m3) @15/15	Wg(kWh/m3) @25/0	Wg(Mj/m3) @25/0	ρ (kg/m3) @15	ρ (kg/m3) @0	d@15	d@0	M kg/kmol	R J/kgK	MN (metanski broj)
48,933	14,285	51,425	15,058	54,21	0,72	0,7603	0,5879	0,5881	16,996	489,216	83,031
48,926	14,283	51,418	15,056	54,202	0,72	0,7602	0,5878	0,588	16,993	489,286	83,084
48,919	14,281	51,411	15,054	54,195	0,72	0,7595	0,5873	0,5875	16,978	489,715	83,268
48,921	14,281	51,412	15,055	54,197	0,72	0,7595	0,5875	0,5875	16,984	489,541	83,204
48,921	14,281	51,412	15,055	54,196	0,72	0,7603	0,5879	0,5881	16,996	489,214	83,08
48,993	14,302	51,486	15,076	54,274	0,72	0,7602	0,5878	0,588	16,994	489,269	82,873
48,966	14,294	51,458	15,068	54,245	0,721	0,7605	0,588	0,5882	16,999	489,131	82,974
48,951	14,29	51,443	15,064	54,229	0,72	0,7603	0,5879	0,588	16,995	489,229	83,053
49,037	14,314	51,532	15,09	54,323	0,72	0,76	0,5876	0,5878	16,987	489,449	82,922
49,009	14,306	51,503	15,081	54,292	0,72	0,7604	0,5879	0,5881	16,997	489,188	82,914
49,026	14,311	51,52	15,086	54,31	0,721	0,7606	0,5881	0,5883	17,002	489,034	82,832
49,066	14,322	51,561	15,098	54,353	0,721	0,761	0,5884	0,5886	17,011	488,782	82,649
48,587	14,193	51,095	14,961	53,861	0,705	0,7436	0,575	0,5751	16,623	500,173	88,315
48,548	14,184	51,063	14,952	53,827	0,7	0,7389	0,5713	0,5715	16,519	503,323	89,831
48,525	14,177	51,037	14,944	53,8	0,702	0,7404	0,5725	0,5727	16,553	502,307	89,399
48,116	14,05	50,58	14,811	53,319	0,721	0,7612	0,5885	0,5887	17,018	488,579	85,287
48,118	14,05	50,581	14,811	53,32	0,722	0,7618	0,589	0,5892	17,029	488,269	85,146
48,127	14,053	50,592	14,814	53,332	0,72	0,7602	0,5878	0,588	16,994	489,256	85,498
48,113	14,048	50,573	14,809	53,312	0,72	0,7632	0,5901	0,5903	17,06	487,381	84,815
48,12	14,05	50,579	14,81	53,318	0,725	0,7647	0,5913	0,5914	17,094	486,406	84,417
48,14	14,056	50,6	14,817	53,34	0,724	0,7638	0,5906	0,5907	17,074	486,974	84,578
48,131	14,053	50,591	14,814	53,331	0,724	0,7642	0,5909	0,591	17,082	486,731	84,525
48,136	14,055	50,597	14,816	53,337	0,723	0,7634	0,5903	0,5905	17,066	487,186	84,685
48,136	14,055	50,598	14,816	53,338	0,723	0,763	0,59	0,5901	17,056	487,489	84,805
48,128	14,052	50,588	14,813	53,327	0,724	0,7643	0,591	0,5912	17,086	486,629	84,499
48,126	14,051	50,584	14,812	53,323	0,725	0,7654	0,5918	0,592	17,108	485,989	84,299
48,147	14,057	50,606	14,819	53,347	0,725	0,7649	0,5914	0,5916	17,098	486,265	84,331
48,132	14,053	50,592	14,814	53,332	0,724	0,7642	0,5909	0,5911	17,083	486,717	84,546
48,147	14,058	50,608	14,819	53,349	0,723	0,7632	0,5901	0,5903	17,06	487,382	84,733
48,144	14,057	50,606	14,818	53,346	0,723	0,763	0,5899	0,5901	17,056	487,493	84,776
48,92	14,281	51,411	15,054	54,195	0,72	0,7602	0,5878	0,588	16,994	489,266	83,048
48,931	14,284	51,423	15,058	54,208	0,72	0,7601	0,5877	0,5879	16,991	489,351	83,068
48,918	14,28	51,41	15,054	54,194	0,72	0,7595	0,5873	0,5874	16,977	489,74	83,308
48,92	14,281	51,412	15,055	54,197	0,72	0,7597	0,5874	0,5876	16,981	489,633	83,238
48,92	14,281	51,411	15,054	54,195	0,72	0,7602	0,5878	0,588	16,993	489,298	83,07
48,983	14,299	51,476	15,073	54,264	0,72	0,7602	0,5878	0,5879	16,992	489,317	83,004
48,971	14,296	51,464	15,07	54,251	0,72	0,7603	0,5879	0,5881	16,996	489,218	82,958
48,95	14,29	51,442	15,063	54,228	0,72	0,7602	0,5878	0,588	16,993	489,292	83,034
49,025	14,311	51,521	15,086	54,311	0,72	0,7599	0,5876	0,5877	16,986	489,481	83,007
49,014	14,308	51,509	15,083	54,298	0,72	0,7603	0,5878	0,588	16,994	489,265	82,941
49,023	14,31	51,517	15,085	54,307	0,721	0,7605	0,5881	0,5882	17	489,094	82,849
49,061	14,321	51,556	15,097	54,348	0,721	0,7609	0,5884	0,5885	17,009	488,83	82,713
48,628	14,204	51,135	14,973	53,904	0,706	0,745	0,5761	0,5762	16,656	499,245	87,666
48,535	14,18	51,049	14,948	53,812	0,7	0,7392	0,5716	0,5717	16,526	503,128	89,678
48,529	14,178	51,041	14,946	53,804	0,701	0,7398	0,572	0,5722	16,539	502,715	89,488