

Vrijeme od	Vrijeme do	Oznaka mjesta uzorkovanja	Mjesto uzorkovanja	Vrsta mjesta uzorkovanja
16.8.2020 6:00	17.8.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
17.8.2020 6:00	18.8.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
18.8.2020 6:00	19.8.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
19.8.2020 6:00	20.8.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
20.8.2020 6:00	21.8.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
21.8.2020 6:00	22.8.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
22.8.2020 6:00	23.8.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
23.8.2020 6:00	24.8.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
24.8.2020 6:00	25.8.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
25.8.2020 6:00	26.8.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
26.8.2020 6:00	27.8.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
27.8.2020 6:00	28.8.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
28.8.2020 6:00	29.8.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
29.8.2020 6:00	30.8.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
30.8.2020 6:00	31.8.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
31.8.2020 6:00	1.9.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
16.8.2020 6:00	17.8.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
17.8.2020 6:00	18.8.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
18.8.2020 6:00	19.8.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
19.8.2020 6:00	20.8.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
20.8.2020 6:00	21.8.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
21.8.2020 6:00	22.8.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
22.8.2020 6:00	23.8.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
23.8.2020 6:00	24.8.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
24.8.2020 6:00	25.8.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
25.8.2020 6:00	26.8.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
26.8.2020 6:00	27.8.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
27.8.2020 6:00	28.8.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
28.8.2020 6:00	29.8.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
29.8.2020 6:00	30.8.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
30.8.2020 6:00	31.8.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
31.8.2020 6:00	1.9.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
16.8.2020 6:00	17.8.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
17.8.2020 6:00	18.8.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
18.8.2020 6:00	19.8.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
19.8.2020 6:00	20.8.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
20.8.2020 6:00	21.8.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
21.8.2020 6:00	22.8.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
22.8.2020 6:00	23.8.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
23.8.2020 6:00	24.8.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
24.8.2020 6:00	25.8.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
25.8.2020 6:00	26.8.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
26.8.2020 6:00	27.8.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
27.8.2020 6:00	28.8.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
28.8.2020 6:00	29.8.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
29.8.2020 6:00	30.8.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
30.8.2020 6:00	31.8.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
31.8.2020 6:00	1.9.2020 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 %)
2.9.2020 13:06	0,353	0,369	96,086	2,864	0,199	0,328	0,032	0,058	0,005	0,008	0,002		0,023	
2.9.2020 13:06	0,365	0,352	96,046	2,874	0,226	0,364	0,036	0,061	0,006	0,009	0,002		0,024	
2.9.2020 13:06	0,364	0,347	96,07	2,855	0,227	0,364	0,037	0,06	0,006	0,009	0,002		0,024	
2.9.2020 13:06	0,363	0,346	96,069	2,862	0,224	0,36	0,036	0,06	0,006	0,008	0,002		0,024	
2.9.2020 13:06	0,376	0,339	96,056	2,843	0,245	0,387	0,039	0,062	0,006	0,009	0,002		0,024	
2.9.2020 13:06	0,385	0,332	96,037	2,828	0,269	0,419	0,043	0,065	0,006	0,009	0,002		0,024	
2.9.2020 13:06	0,36	0,34	96,091	2,855	0,22	0,354	0,035	0,059	0,005	0,008	0,002		0,024	
2.9.2020 13:06	0,36	0,338	96,102	2,85	0,218	0,351	0,035	0,058	0,005	0,008	0,002		0,024	
2.9.2020 13:06	0,356	0,338	96,117	2,842	0,216	0,348	0,034	0,058	0,005	0,008	0,002		0,024	
2.9.2020 13:06	0,381	0,327	96,056	2,825	0,264	0,411	0,042	0,063	0,006	0,009	0,002		0,024	
2.9.2020 13:06	0,36	0,337	96,112	2,841	0,217	0,35	0,035	0,058	0,005	0,008	0,002		0,024	
2.9.2020 13:06	0,368	0,332	96,119	2,814	0,231	0,367	0,037	0,059	0,006	0,008	0,002		0,024	
2.9.2020 13:06	0,353	0,341	96,132	2,839	0,205	0,335	0,033	0,057	0,005	0,008	0,002		0,025	
2.9.2020 13:06	0,359	0,352	96,073	2,872	0,214	0,345	0,034	0,057	0,005	0,008	0,002		0,024	
2.9.2020 13:06	0,352	0,361	96,038	2,916	0,206	0,333	0,032	0,056	0,005	0,007	0,002		0,024	
2.9.2020 13:06	0,356	0,355	96,043	2,897	0,219	0,35	0,034	0,058	0,005	0,008	0,002		0,024	
2.9.2020 13:06	0,353	0,368	96,132	2,822	0,199	0,325	0,031	0,058	0,005	0,008	0,002		0,022	
2.9.2020 13:06	0,365	0,351	96,087	2,833	0,228	0,364	0,036	0,061	0,006	0,009	0,002		0,023	
2.9.2020 13:06	0,362	0,348	96,109	2,822	0,224	0,358	0,035	0,06	0,006	0,009	0,002		0,023	
2.9.2020 13:06	0,362	0,346	96,122	2,813	0,224	0,357	0,035	0,06	0,006	0,009	0,002		0,022	
2.9.2020 13:06	0,376	0,338	96,112	2,789	0,245	0,385	0,039	0,062	0,006	0,009	0,002		0,022	
2.9.2020 13:06	0,384	0,332	96,079	2,791	0,268	0,414	0,042	0,065	0,007	0,01	0,002		0,022	
2.9.2020 13:06	0,36	0,34	96,133	2,817	0,219	0,351	0,034	0,059	0,006	0,008	0,002		0,023	
2.9.2020 13:06	0,36	0,338	96,149	2,806	0,217	0,347	0,034	0,058	0,005	0,008	0,002		0,023	
2.9.2020 13:06	0,355	0,338	96,149	2,814	0,214	0,343	0,033	0,057	0,005	0,008	0,002		0,023	
2.9.2020 13:06	0,382	0,326	96,097	2,785	0,265	0,41	0,041	0,063	0,006	0,009	0,002		0,023	
2.9.2020 13:06	0,359	0,338	96,166	2,793	0,215	0,344	0,034	0,057	0,005	0,008	0,002		0,023	
2.9.2020 13:06	0,367	0,332	96,157	2,781	0,229	0,363	0,036	0,059	0,006	0,008	0,002		0,023	
2.9.2020 13:06	0,353	0,341	96,171	2,802	0,205	0,332	0,032	0,056	0,005	0,008	0,002		0,023	
2.9.2020 13:06	0,358	0,353	96,113	2,837	0,212	0,34	0,033	0,057	0,005	0,008	0,002		0,023	
2.9.2020 13:06	0,352	0,361	96,092	2,866	0,206	0,33	0,031	0,055	0,005	0,007	0,002		0,023	
2.9.2020 13:06	0,356	0,355	96,081	2,86	0,219	0,348	0,034	0,057	0,005	0,008	0,002		0,023	
2.9.2020 13:06	0,364	0,375	96,086	2,833	0,223	0,342	0,029	0,058	0,006	0,008	0,001	0,008		0,009
2.9.2020 13:06	0,373	0,366	96,052	2,856	0,234	0,354	0,029	0,058	0,006	0,008	0	0,008		0,01
2.9.2020 13:06	0,376	0,356	96,05	2,853	0,243	0,365	0,029	0,059	0,006	0,009	0	0,008		0,01
2.9.2020 13:06	0,377	0,353	96,059	2,844	0,244	0,366	0,029	0,059	0,006	0,009	0	0,008		0,011
2.9.2020 13:06	0,384	0,345	96,07	2,823	0,254	0,378	0,031	0,06	0,006	0,009	0	0,008		0,011
2.9.2020 13:06	0,387	0,339	96,069	2,813	0,263	0,391	0,032	0,061	0,006	0,009	0	0,008		0,011
2.9.2020 13:06	0,378	0,337	96,093	2,816	0,25	0,375	0,031	0,06	0,006	0,009	0	0,008		0,011
2.9.2020 13:06	0,377	0,338	96,095	2,82	0,246	0,37	0,031	0,059	0,006	0,009	0	0,008		0,011
2.9.2020 13:06	0,377	0,338	96,092	2,821	0,247	0,372	0,031	0,059	0,006	0,009	0	0,008		0,011
2.9.2020 13:06	0,382	0,335	96,081	2,817	0,258	0,385	0,032	0,06	0,006	0,009	0	0,008		0,01
2.9.2020 13:06	0,383	0,331	96,094	2,805	0,261	0,387	0,031	0,06	0,006	0,009	0	0,008		0,011
2.9.2020 13:06	0,374	0,334	96,126	2,803	0,24	0,363	0,03	0,058	0,006	0,008	0	0,008		0,01
2.9.2020 13:06	0,364	0,338	96,146	2,812	0,222	0,34	0,028	0,056	0,006	0,008	0,001	0,008		0,009
2.9.2020 13:06	0,363	0,345	96,124	2,831	0,219	0,336	0,028	0,055	0,006	0,008	0,001	0,008		0,009
2.9.2020 13:06	0,362	0,352	96,099	2,852	0,219	0,335	0,027	0,055	0,005	0,008	0,001	0,008		0,009
2.9.2020 13:06	0,362	0,351	96,087	2,856	0,225	0,343	0,028	0,056	0,006	0,008	0,001	0,008		0,009

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
		9,655819	34,761	10,189345	36,682	10,714037	38,571	11,295609	40,664	12,701	45,723	13,401
		9,663389	34,788	10,19734	36,71	10,722172	38,6	11,304196	40,695	12,707	45,745	13,407
		9,66247	34,785	10,196368	36,707	10,721207	38,596	11,303177	40,691	12,707	45,746	13,408
		9,662398	34,785	10,196293	36,707	10,72114	38,596	11,303105	40,691	12,708	45,747	13,408
		9,664902	34,794	10,198938	36,716	10,723803	38,606	11,305917	40,701	12,709	45,752	13,409
		9,668968	34,808	10,203233	36,732	10,728156	38,621	11,310513	40,718	12,711	45,761	13,412
		9,661825	34,783	10,195685	36,704	10,720556	38,594	11,302487	40,689	12,709	45,751	13,409
		9,661016	34,78	10,19483	36,701	10,719698	38,591	11,30158	40,686	12,709	45,751	13,409
		9,66037	34,777	10,194148	36,699	10,719021	38,588	11,300865	40,683	12,709	45,751	13,409
		9,668274	34,806	10,202499	36,729	10,727443	38,619	11,309759	40,715	12,712	45,764	13,413
		9,660295	34,777	10,194069	36,699	10,718927	38,588	11,300766	40,683	12,708	45,749	13,409
		9,661008	34,78	10,194822	36,701	10,719685	38,591	11,301567	40,686	12,709	45,751	13,409
		9,65809	34,769	10,19174	36,69	10,716576	38,58	11,298284	40,674	12,707	45,745	13,407
		9,660517	34,778	10,194305	36,699	10,719115	38,589	11,300968	40,683	12,706	45,741	13,406
		9,661425	34,781	10,195265	36,703	10,720078	38,592	11,301985	40,687	12,706	45,74	13,406
		9,663106	34,787	10,19704	36,709	10,721891	38,599	11,303898	40,694	12,707	45,746	13,408
		9,652124	34,748	10,185442	36,668	10,710084	38,556	11,291436	40,649	12,699	45,716	13,399
		9,660013	34,776	10,193774	36,698	10,718556	38,587	11,300378	40,681	12,705	45,738	13,405
		9,658808	34,772	10,1925	36,693	10,717287	38,582	11,299037	40,677	12,705	45,739	13,405
		9,658003	34,769	10,191649	36,69	10,716432	38,579	11,298134	40,673	12,705	45,738	13,405
		9,660212	34,777	10,193983	36,698	10,718779	38,588	11,300613	40,682	12,706	45,742	13,406
		9,665055	34,794	10,199099	36,717	10,723966	38,606	11,306089	40,702	12,709	45,753	13,41
		9,658022	34,769	10,191668	36,69	10,716484	38,579	11,298187	40,673	12,706	45,743	13,407
		9,656793	34,764	10,19037	36,685	10,715175	38,575	11,296805	40,668	12,706	45,742	13,406
		9,657201	34,766	10,190801	36,687	10,715627	38,576	11,297281	40,67	12,707	45,744	13,407
		9,664663	34,793	10,198684	36,715	10,723575	38,605	11,305674	40,7	12,71	45,757	13,411
		9,65548	34,76	10,188983	36,68	10,71377	38,57	11,295322	40,663	12,705	45,739	13,406
		9,657359	34,766	10,190968	36,687	10,715777	38,577	11,297441	40,671	12,707	45,743	13,407
		9,654465	34,756	10,18791	36,676	10,712691	38,566	11,294182	40,659	12,705	45,737	13,405
		9,656656	34,764	10,190227	36,685	10,714978	38,574	11,2966	40,668	12,704	45,733	13,404
		9,65683	34,765	10,19041	36,685	10,715155	38,575	11,296787	40,668	12,703	45,731	13,403
		9,659678	34,775	10,19342	36,696	10,718218	38,586	11,30002	40,68	12,705	45,739	13,406
0,002	0	9,652542	34,749	10,185762	36,669	10,710336	38,557	11,291707	40,65	12,697	45,708	13,396
0,001	0	9,656099	34,762	10,189518	36,682	10,714151	38,571	11,295733	40,665	12,699	45,718	13,399
0,002	0	9,658464	34,77	10,192016	36,691	10,716712	38,58	11,298435	40,674	12,702	45,728	13,402
0,001	0	9,658069	34,769	10,191598	36,69	10,716293	38,579	11,297992	40,673	12,702	45,728	13,402
0,001	0	9,65847	34,77	10,192021	36,691	10,716728	38,58	11,29845	40,674	12,703	45,731	13,403
0	0	9,660191	34,777	10,193839	36,698	10,718582	38,587	11,300408	40,681	12,705	45,737	13,405
0,001	0	9,659086	34,773	10,19267	36,694	10,717441	38,583	11,299201	40,677	12,706	45,74	13,406
0,001	0	9,658574	34,771	10,192129	36,692	10,716891	38,581	11,298621	40,675	12,705	45,739	13,405
0	0	9,658829	34,772	10,192399	36,693	10,717165	38,582	11,298909	40,676	12,705	45,739	13,405
0,001	0	9,660504	34,778	10,194168	36,699	10,718953	38,588	11,300797	40,683	12,706	45,742	13,406
0,001	0	9,660182	34,777	10,193828	36,698	10,718621	38,587	11,300446	40,682	12,707	45,744	13,407
0,002	0	9,656805	34,764	10,19026	36,685	10,71502	38,574	11,296645	40,668	12,705	45,738	13,405
0,003	0	9,654604	34,757	10,187935	36,677	10,712684	38,566	11,294178	40,659	12,704	45,736	13,404
0,003	0	9,654712	34,757	10,18805	36,677	10,712776	38,566	11,294276	40,659	12,703	45,732	13,403
0,004	0	9,655459	34,76	10,188839	36,68	10,713554	38,569	11,295098	40,662	12,703	45,729	13,403
0,003	0	9,657262	34,766	10,190744	36,687	10,715491	38,576	11,297143	40,67	12,704	45,734	13,404

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)
48,243	14,093	50,734	14,856	53,48	0,708	0,7475	0,578	0,5781	16,711	497,544	88,555
48,266	14,099	50,757	14,863	53,505	0,709	0,7479	0,5783	0,5785	16,721	497,249	88,312
48,267	14,1	50,759	14,863	53,507	0,709	0,7478	0,5782	0,5783	16,717	497,37	88,354
48,269	14,1	50,76	14,863	53,508	0,708	0,7477	0,5782	0,5783	16,716	497,403	88,365
48,273	14,101	50,764	14,865	53,513	0,709	0,748	0,5783	0,5785	16,721	497,24	88,263
48,283	14,104	50,774	14,867	53,523	0,709	0,7483	0,5786	0,5788	16,729	497,026	88,123
48,272	14,101	50,764	14,865	53,513	0,708	0,7475	0,578	0,5782	16,711	497,539	88,403
48,272	14,101	50,764	14,865	53,513	0,708	0,7474	0,5779	0,5781	16,709	497,619	88,435
48,272	14,101	50,764	14,865	53,513	0,708	0,7473	0,5778	0,578	16,706	497,688	88,467
48,286	14,105	50,778	14,869	53,527	0,709	0,7481	0,5784	0,5786	16,724	497,167	88,168
48,271	14,101	50,763	14,864	53,511	0,708	0,7473	0,5779	0,578	16,707	497,663	88,456
48,273	14,101	50,765	14,865	53,513	0,708	0,7474	0,5779	0,578	16,708	497,648	88,424
48,266	14,1	50,759	14,863	53,507	0,708	0,7471	0,5777	0,5778	16,702	497,801	88,54
48,262	14,098	50,754	14,862	53,502	0,708	0,7476	0,5781	0,5782	16,714	497,468	88,422
48,261	14,098	50,752	14,861	53,5	0,709	0,7478	0,5782	0,5784	16,718	497,353	88,395
48,268	14,1	50,759	14,863	53,507	0,709	0,7479	0,5783	0,5784	16,719	497,312	88,346
48,235	14,091	50,727	14,854	53,473	0,708	0,7472	0,5777	0,5779	16,703	497,773	88,672
48,259	14,097	50,75	14,86	53,498	0,708	0,7477	0,5781	0,5783	16,714	497,446	88,415
48,259	14,097	50,751	14,861	53,499	0,708	0,7474	0,5779	0,5781	16,71	497,582	88,469
48,259	14,097	50,751	14,861	53,498	0,708	0,7473	0,5779	0,578	16,707	497,657	88,501
48,263	14,098	50,754	14,862	53,502	0,708	0,7476	0,578	0,5782	16,712	497,511	88,408
48,275	14,102	50,766	14,865	53,514	0,709	0,7479	0,5783	0,5785	16,721	497,255	88,244
48,264	14,099	50,756	14,862	53,504	0,708	0,7472	0,5777	0,5779	16,704	497,76	88,521
48,263	14,099	50,755	14,862	53,503	0,708	0,747	0,5776	0,5778	16,7	497,861	88,567
48,265	14,099	50,758	14,863	53,506	0,708	0,747	0,5776	0,5778	16,7	497,869	88,564
48,278	14,103	50,77	14,866	53,519	0,709	0,7478	0,5782	0,5783	16,717	497,384	88,278
48,26	14,098	50,753	14,861	53,5	0,708	0,7469	0,5775	0,5777	16,698	497,94	88,608
48,265	14,099	50,757	14,862	53,505	0,708	0,7471	0,5776	0,5778	16,701	497,838	88,537
48,258	14,097	50,751	14,861	53,498	0,708	0,7468	0,5775	0,5776	16,696	498,004	88,651
48,253	14,096	50,745	14,859	53,492	0,708	0,7473	0,5778	0,578	16,707	497,68	88,543
48,251	14,095	50,742	14,858	53,49	0,708	0,7474	0,5779	0,5781	16,709	497,616	88,538
48,26	14,098	50,751	14,861	53,499	0,708	0,7476	0,578	0,5782	16,713	497,502	88,45
48,226	14,088	50,717	14,851	53,463	0,708	0,7475	0,578	0,5781	16,711	497,561	88,645
48,237	14,091	50,727	14,854	53,474	0,708	0,7477	0,5781	0,5783	16,716	497,413	88,52
48,247	14,094	50,738	14,857	53,485	0,709	0,7477	0,5782	0,5783	16,716	497,387	88,455
48,248	14,094	50,738	14,857	53,485	0,708	0,7477	0,5781	0,5783	16,715	497,433	88,468
48,251	14,095	50,741	14,858	53,489	0,708	0,7476	0,5781	0,5783	16,714	497,454	88,448
48,257	14,097	50,748	14,86	53,495	0,708	0,7477	0,5782	0,5783	16,716	497,405	88,394
48,26	14,098	50,752	14,861	53,5	0,708	0,7474	0,5779	0,5781	16,71	497,588	88,468
48,259	14,097	50,75	14,861	53,498	0,708	0,7474	0,5779	0,5781	16,709	497,609	88,49
48,259	14,097	50,751	14,861	53,499	0,708	0,7474	0,5779	0,5781	16,709	497,596	88,478
48,263	14,098	50,754	14,862	53,502	0,708	0,7476	0,5781	0,5782	16,713	497,494	88,419
48,265	14,099	50,756	14,862	53,504	0,708	0,7475	0,578	0,5781	16,71	497,564	88,433
48,259	14,097	50,751	14,861	53,498	0,708	0,7471	0,5777	0,5779	16,703	497,789	88,57
48,256	14,097	50,748	14,86	53,495	0,708	0,7469	0,5775	0,5777	16,697	497,952	88,671
48,251	14,095	50,743	14,858	53,491	0,708	0,747	0,5776	0,5778	16,701	497,854	88,656
48,249	14,095	50,741	14,858	53,488	0,708	0,7472	0,5778	0,5779	16,705	497,732	88,624
48,254	14,096	50,745	14,859	53,493	0,708	0,7474	0,5779	0,578	16,708	497,641	88,565