

Vrijeme od	Vrijeme do	Oznaka mjesta uzorkovanja	Mjesto uzorkovanja	Vrsta mjesta uzorkovanja
16.12.2020 6:00	17.12.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
17.12.2020 6:00	18.12.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
18.12.2020 6:00	19.12.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
19.12.2020 6:00	20.12.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
20.12.2020 6:00	21.12.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
21.12.2020 6:00	22.12.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
22.12.2020 6:00	23.12.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
23.12.2020 6:00	24.12.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
24.12.2020 6:00	25.12.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
25.12.2020 6:00	26.12.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
26.12.2020 6:00	27.12.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
27.12.2020 6:00	28.12.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
28.12.2020 6:00	29.12.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
29.12.2020 6:00	30.12.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
30.12.2020 6:00	31.12.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
31.12.2020 6:00	1.1.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
16.12.2020 6:00	17.12.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
17.12.2020 6:00	18.12.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
18.12.2020 6:00	19.12.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
19.12.2020 6:00	20.12.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
20.12.2020 6:00	21.12.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
21.12.2020 6:00	22.12.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
22.12.2020 6:00	23.12.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
23.12.2020 6:00	24.12.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
24.12.2020 6:00	25.12.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
25.12.2020 6:00	26.12.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
26.12.2020 6:00	27.12.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
27.12.2020 6:00	28.12.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
28.12.2020 6:00	29.12.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
29.12.2020 6:00	30.12.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
30.12.2020 6:00	31.12.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
31.12.2020 6:00	1.1.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
16.12.2020 6:00	17.12.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
17.12.2020 6:00	18.12.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
18.12.2020 6:00	19.12.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
19.12.2020 6:00	20.12.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
20.12.2020 6:00	21.12.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
21.12.2020 6:00	22.12.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
22.12.2020 6:00	23.12.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
23.12.2020 6:00	24.12.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
24.12.2020 6:00	25.12.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
25.12.2020 6:00	26.12.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
26.12.2020 6:00	27.12.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
27.12.2020 6:00	28.12.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
28.12.2020 6:00	29.12.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
29.12.2020 6:00	30.12.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
30.12.2020 6:00	31.12.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
31.12.2020 6:00	1.1.2021 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 %)
4.1.2021 9:36	0,673	0,212	95,45	2,648	0,755	1,017	0,108	0,106	0,013	0,018	0,001	-	0,016	-
4.1.2021 9:36	0,651	0,202	95,441	2,674	0,765	1,032	0,111	0,109	0,012	0,018	0,001	-	0,016	-
4.1.2021 9:36	0,642	0,177	96,024	2,265	0,659	0,893	0,095	0,097	0,011	0,016	0,001	-	0,014	-
4.1.2021 9:36	0,674	0,191	95,969	2,283	0,654	0,883	0,094	0,093	0,011	0,016	0,001	-	0,014	-
4.1.2021 9:36	0,677	0,21	95,568	2,56	0,731	0,985	0,105	0,102	0,012	0,018	0,001	-	0,016	-
4.1.2021 9:36	0,648	0,187	95,737	2,479	0,701	0,948	0,101	0,102	0,011	0,017	0,001	-	0,014	-
4.1.2021 9:36	0,683	0,22	95,42	2,656	0,757	1,022	0,109	0,106	0,013	0,019	0,001	-	0,017	-
4.1.2021 9:36	0,668	0,205	95,614	2,523	0,733	0,99	0,105	0,104	0,012	0,018	0,001	-	0,016	-
4.1.2021 9:36	0,65	0,196	95,822	2,376	0,706	0,956	0,101	0,103	0,012	0,018	0,001	-	0,016	-
4.1.2021 9:36	0,638	0,181	95,645	2,537	0,743	0,999	0,106	0,106	0,012	0,017	0,001	-	0,015	-
4.1.2021 9:36	0,562	0,133	95,37	2,893	0,775	1,042	0,114	0,119	0,009	0,014	0,001	-	0,011	-
4.1.2021 9:36	0,71	0,207	95,449	2,643	0,736	0,991	0,105	0,103	0,012	0,018	0,001	-	0,016	-
4.1.2021 9:36	0,697	0,218	95,512	2,587	0,729	0,985	0,105	0,103	0,012	0,018	0,001	-	0,016	-
4.1.2021 9:36	0,646	0,197	95,801	2,398	0,707	0,958	0,101	0,103	0,012	0,018	0,001	-	0,016	-
4.1.2021 9:36	0,647	0,191	95,582	2,574	0,751	1,006	0,106	0,104	0,012	0,017	0,001	-	0,015	-
4.1.2021 9:36	0,664	0,202	95,491	2,636	0,75	1,007	0,107	0,104	0,012	0,018	0,001	-	0,015	-
4.1.2021 9:36	0,625	0,186	95,744	2,467	0,724	0,978	0,105	0,108	0,012	0,018	0,001	-	0,01	-
4.1.2021 9:36	0,619	0,184	95,704	2,505	0,732	0,989	0,106	0,11	0,012	0,018	0,001	-	0,01	-
4.1.2021 9:36	0,655	0,197	96,165	2,139	0,623	0,844	0,091	0,092	0,011	0,016	0,001	-	0,01	-
4.1.2021 9:36	0,692	0,223	96,432	1,904	0,551	0,75	0,081	0,08	0,011	0,015	0,001	-	0,011	-
4.1.2021 9:36	0,685	0,236	96,026	2,182	0,642	0,871	0,094	0,093	0,012	0,017	0,001	-	0,012	-
4.1.2021 9:36	0,665	0,235	95,785	2,38	0,689	0,935	0,101	0,102	0,012	0,018	0,001	-	0,012	-
4.1.2021 9:36	0,696	0,292	95,418	2,569	0,753	1,025	0,111	0,109	0,015	0,02	0,001	-	0,015	-
4.1.2021 9:36	0,698	0,281	95,514	2,501	0,74	1,006	0,109	0,107	0,015	0,02	0,001	-	0,015	-
4.1.2021 9:36	0,706	0,295	95,489	2,507	0,738	1,004	0,109	0,106	0,015	0,02	0,001	-	0,015	-
4.1.2021 9:36	0,505	0,162	94,908	3,258	0,856	1,166	0,13	0,14	0,012	0,018	0,001	-	0,009	-
4.1.2021 9:36	0,422	0,118	94,83	3,509	0,818	1,121	0,131	0,148	0,006	0,011	0,001	-	0,005	-
4.1.2021 9:36	0,684	0,278	95,499	2,544	0,731	0,996	0,109	0,108	0,014	0,019	0,001	-	0,014	-
4.1.2021 9:36	0,715	0,311	95,407	2,545	0,749	1,021	0,111	0,108	0,015	0,021	0,001	-	0,015	-
4.1.2021 9:36	0,66	0,223	95,719	2,426	0,719	0,973	0,104	0,105	0,013	0,019	0,001	-	0,012	-
4.1.2021 9:36	0,639	0,19	95,831	2,38	0,711	0,959	0,102	0,105	0,012	0,018	0,001	-	0,01	-
4.1.2021 9:36	0,802	0,316	95,296	2,612	0,713	0,975	0,106	0,103	0,015	0,022	0,001	-	0,016	-
4.1.2021 9:36	0,349	0,226	96,576	1,965	0,652	0,885	0,089	0,103	0,013	0,019	0	0,009	-	0
4.1.2021 9:36	0,348	0,227	96,537	1,987	0,662	0,901	0,092	0,105	0,013	0,019	0	0,009	-	0
4.1.2021 9:36	0,364	0,251	96,379	2,09	0,674	0,916	0,094	0,105	0,014	0,019	0	0,01	-	0,001
4.1.2021 9:36	0,358	0,243	96,469	2,029	0,661	0,901	0,093	0,104	0,013	0,019	0	0,01	-	0
4.1.2021 9:36	0,358	0,24	96,483	2,021	0,659	0,898	0,092	0,103	0,013	0,019	0	0,009	-	0,002
4.1.2021 9:36	0,366	0,251	96,397	2,071	0,672	0,915	0,093	0,104	0,014	0,02	0	0,009	-	0,003
4.1.2021 9:36	0,363	0,246	96,471	2,02	0,66	0,899	0,091	0,104	0,014	0,019	0	0,01	-	0,001
4.1.2021 9:36	0,35	0,232	96,511	2,018	0,655	0,888	0,09	0,102	0,013	0,019	0	0,01	-	0
4.1.2021 9:36	0,335	0,2	96,629	1,952	0,655	0,883	0,088	0,101	0,012	0,018	0	0,008	-	0
4.1.2021 9:36	0,34	0,175	96,756	1,864	0,641	0,865	0,086	0,102	0,012	0,017	0	0,007	-	0
4.1.2021 9:36	0,349	0,188	96,735	1,869	0,635	0,859	0,086	0,102	0,012	0,017	0	0,007	-	0
4.1.2021 9:36	0,387	0,22	96,57	1,979	0,62	0,843	0,085	0,098	0,012	0,018	0	0,009	-	0
4.1.2021 9:36	0,34	0,197	96,723	1,886	0,63	0,853	0,085	0,101	0,012	0,018	0	0,008	-	0
4.1.2021 9:36	0,318	0,176	96,786	1,846	0,649	0,874	0,087	0,102	0,012	0,017	0	0,007	-	0
4.1.2021 9:36	0,337	0,202	96,712	1,89	0,634	0,859	0,085	0,101	0,012	0,018	0	0,007	-	0,002
4.1.2021 9:36	0,336	0,203	96,721	1,882	0,634	0,858	0,085	0,101	0,012	0,018	0	0,008	-	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
-	-	9,735078	35,046	10,27308	36,983	10,798408	38,874	11,3847	40,985	12,738	45,856
-	-	9,742433	35,073	10,280847	37,011	10,806409	38,903	11,393142	41,015	12,746	45,887
-	-	9,691959	34,891	10,227523	36,819	10,752453	38,709	11,336172	40,81	12,722	45,8
-	-	9,687302	34,874	10,222609	36,801	10,747289	38,69	11,330727	40,791	12,713	45,768
-	-	9,722971	35,003	10,260291	36,937	10,785428	38,828	11,370997	40,936	12,731	45,83
-	-	9,715434	34,976	10,252323	36,908	10,777542	38,799	11,362662	40,906	12,733	45,84
-	-	9,735014	35,046	10,273015	36,983	10,798276	38,874	11,384564	40,984	12,735	45,847
-	-	9,722667	35,002	10,259968	36,936	10,785158	38,827	11,370709	40,935	12,732	45,837
-	-	9,708673	34,951	10,245183	36,883	10,770261	38,773	11,354978	40,878	12,728	45,82
-	-	9,729719	35,027	10,267412	36,963	10,792911	38,854	11,378885	40,964	12,744	45,878
-	-	9,773795	35,186	10,313957	37,13	10,840595	39,026	11,429207	41,145	12,787	46,033
-	-	9,727194	35,018	10,264754	36,953	10,789841	38,843	11,375659	40,952	12,73	45,828
-	-	9,722722	35,002	10,260031	36,936	10,785058	38,826	11,370611	40,934	12,727	45,817
-	-	9,710964	34,959	10,247604	36,891	10,772729	38,782	11,357583	40,887	12,729	45,826
-	-	9,731578	35,034	10,269378	36,97	10,794834	38,861	11,380918	40,971	12,742	45,873
-	-	9,733861	35,042	10,271792	36,978	10,797172	38,87	11,383392	40,98	12,74	45,863
-	-	9,721187	34,996	10,258398	36,93	10,783799	38,822	11,369264	40,929	12,74	45,863
-	-	9,726559	35,016	10,264072	36,951	10,789587	38,843	11,375374	40,951	12,744	45,878
-	-	9,670447	34,814	10,204804	36,737	10,729274	38,625	11,311708	40,722	12,704	45,736
-	-	9,631854	34,675	10,164045	36,591	10,68769	38,476	11,267817	40,564	12,673	45,623
-	-	9,672359	34,82	10,206832	36,745	10,731073	38,632	11,313618	40,729	12,696	45,704
-	-	9,69957	34,918	10,235574	36,848	10,760304	38,737	11,344476	40,84	12,714	45,77
-	-	9,721299	34,997	10,258541	36,931	10,783265	38,82	11,368735	40,927	12,713	45,768
-	-	9,713894	34,97	10,250717	36,903	10,775365	38,791	11,360392	40,897	12,711	45,759
-	-	9,712274	34,964	10,249008	36,896	10,773551	38,785	11,358481	40,891	12,707	45,744
-	-	9,82481	35,369	10,367852	37,324	10,895361	39,223	11,487031	41,353	12,818	46,143
-	-	9,84682	35,449	10,391092	37,408	10,919407	39,31	11,512401	41,445	12,847	46,25
-	-	9,717056	34,981	10,254055	36,915	10,778819	38,804	11,364035	40,911	12,715	45,773
-	-	9,715743	34,977	10,252677	36,91	10,777172	38,798	11,362309	40,904	12,705	45,737
-	-	9,711	34,96	10,247646	36,892	10,77262	38,781	11,357475	40,887	12,723	45,804
-	-	9,709852	34,955	10,246426	36,887	10,771587	38,778	11,356374	40,883	12,731	45,831
-	-	9,704463	34,936	10,240769	36,867	10,764741	38,753	11,349196	40,857	12,687	45,675
0	0	9,690682	34,886	10,226035	36,814	10,751866	38,707	11,33553	40,808	12,746	45,887
0	0	9,695098	34,902	10,2307	36,831	10,756598	38,724	11,340526	40,826	12,749	45,896
0	0	9,701931	34,927	10,237923	36,857	10,763772	38,75	11,348105	40,853	12,747	45,888
0	0	9,696036	34,906	10,231694	36,834	10,757508	38,727	11,34149	40,829	12,745	45,884
0	0	9,695358	34,903	10,230978	36,832	10,756791	38,724	11,340733	40,827	12,746	45,884
0	0	9,700564	34,922	10,236479	36,851	10,762301	38,744	11,346553	40,848	12,746	45,885
0	0	9,694411	34,9	10,229978	36,828	10,755734	38,721	11,339619	40,823	12,743	45,876
0	0	9,694483	34,9	10,230051	36,828	10,755911	38,721	11,339801	40,823	12,747	45,89
0	0	9,692406	34,893	10,22785	36,82	10,753857	38,714	11,337624	40,815	12,753	45,912
0	0	9,684612	34,865	10,219614	36,791	10,745582	38,684	11,328884	40,784	12,753	45,91
0	0	9,682272	34,856	10,217145	36,782	10,742993	38,675	11,326154	40,774	12,748	45,893
0	0	9,681516	34,853	10,216354	36,779	10,741918	38,671	11,32503	40,77	12,738	45,855
0	0	9,682569	34,857	10,21746	36,783	10,743308	38,676	11,326488	40,775	12,748	45,891
0	0	9,686785	34,872	10,221907	36,799	10,747991	38,693	11,331425	40,793	12,756	45,923
0	0	9,68411	34,863	10,219088	36,789	10,744956	38,682	11,328228	40,782	12,748	45,893
0	0	9,683113	34,859	10,218035	36,785	10,743888	38,678	11,327101	40,778	12,747	45,891

Wd(kWh/m3) @25/0	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)
13,44	48,384	14,129	50,865	14,894	53,619	0,716	0,7554	0,5841	0,5843	16,887	492,362	85,642
13,449	48,416	14,138	50,898	14,904	53,655	0,716	0,7555	0,5842	0,5844	16,89	492,287	85,522
13,423	48,324	14,114	50,812	14,879	53,563	0,711	0,7506	0,5804	0,5805	16,779	495,545	87,146
13,414	48,291	14,104	50,776	14,868	53,525	0,711	0,7509	0,5806	0,5808	16,787	495,34	87,176
13,432	48,356	14,122	50,838	14,886	53,591	0,715	0,7544	0,5833	0,5835	16,864	493,03	85,996
13,435	48,367	14,126	50,852	14,89	53,605	0,713	0,7529	0,5821	0,5823	16,831	494,029	86,393
13,437	48,375	14,126	50,855	14,891	53,609	0,716	0,7557	0,5843	0,5845	16,893	492,181	85,603
13,434	48,363	14,124	50,846	14,889	53,599	0,715	0,7541	0,5831	0,5833	16,858	493,2	86,042
13,429	48,345	14,119	50,83	14,884	53,582	0,713	0,7525	0,5819	0,582	16,823	494,252	86,528
13,446	48,407	14,137	50,892	14,902	53,647	0,714	0,7538	0,5829	0,5831	16,852	493,382	85,979
13,492	48,57	14,183	51,057	14,951	53,822	0,716	0,7556	0,5842	0,5844	16,891	492,311	85,186
13,432	48,354	14,121	50,834	14,885	53,587	0,715	0,7551	0,5839	0,584	16,881	492,551	85,774
13,428	48,342	14,118	50,823	14,882	53,575	0,715	0,7548	0,5836	0,5838	16,873	492,769	85,924
13,431	48,352	14,121	50,836	14,886	53,589	0,713	0,7527	0,582	0,5821	16,826	494,146	86,467
13,445	48,401	14,135	50,885	14,9	53,64	0,715	0,7543	0,5833	0,5834	16,863	493,068	85,87
13,442	48,391	14,132	50,874	14,897	53,628	0,715	0,755	0,5838	0,5839	16,877	492,64	85,724
13,442	48,391	14,132	50,876	14,897	53,631	0,714	0,753	0,5823	0,5824	16,834	493,908	86,263
13,446	48,407	14,137	50,892	14,902	53,648	0,714	0,7534	0,5825	0,5827	16,841	493,695	86,126
13,405	48,257	14,096	50,744	14,859	53,491	0,71	0,7493	0,5794	0,5796	16,752	496,408	87,592
13,372	48,138	14,062	50,625	14,824	53,366	0,708	0,747	0,5776	0,5778	16,701	497,974	88,945
13,395	48,223	14,085	50,707	14,848	53,452	0,711	0,7507	0,5805	0,5806	16,782	495,491	87,53
13,415	48,293	14,104	50,776	14,868	53,525	0,713	0,7527	0,582	0,5822	16,828	494,126	86,712
13,414	48,291	14,102	50,768	14,866	53,517	0,717	0,7562	0,5847	0,5849	16,903	491,917	85,83
13,411	48,281	14,1	50,759	14,863	53,507	0,716	0,7554	0,5841	0,5842	16,882	492,551	86,066
13,407	48,265	14,095	50,742	14,858	53,49	0,716	0,7556	0,5842	0,5844	16,891	492,252	86,056
13,524	48,687	14,214	51,171	14,984	53,942	0,72	0,7598	0,5875	0,5877	16,984	489,622	83,976
13,555	48,799	14,247	51,288	15,018	54,066	0,72	0,7596	0,5874	0,5875	16,98	489,925	84,05
13,416	48,296	14,104	50,775	14,868	53,524	0,716	0,7554	0,5841	0,5842	16,886	492,408	86,018
13,405	48,258	14,093	50,733	14,856	53,481	0,717	0,7564	0,5848	0,585	16,908	491,754	85,892
13,425	48,329	14,114	50,812	14,879	53,563	0,714	0,7534	0,5825	0,5827	16,839	493,777	86,375
13,432	48,357	14,123	50,842	14,887	53,595	0,713	0,7523	0,5817	0,5819	16,819	494,361	86,536
13,387	48,192	14,074	50,665	14,836	53,408	0,717	0,7567	0,5851	0,5852	16,915	491,55	85,93
13,449	48,415	14,142	50,912	14,908	53,668	0,708	0,7475	0,578	0,5782	16,712	497,53	87,767
13,451	48,425	14,145	50,921	14,911	53,678	0,709	0,7479	0,5783	0,5785	16,72	497,273	87,629
13,449	48,417	14,142	50,911	14,908	53,667	0,71	0,7492	0,5793	0,5795	16,749	496,419	87,319
13,448	48,412	14,141	50,907	14,906	53,663	0,709	0,7485	0,5787	0,5789	16,732	496,916	87,528
13,448	48,412	14,141	50,907	14,907	53,664	0,709	0,7483	0,5786	0,5788	16,73	496,991	87,582
13,448	48,413	14,141	50,907	14,906	53,663	0,71	0,7491	0,5792	0,5794	16,747	496,48	87,39
13,445	48,404	14,138	50,898	14,904	53,654	0,709	0,7485	0,5787	0,5789	16,732	496,914	87,561
13,45	48,419	14,143	50,915	14,909	53,672	0,709	0,748	0,5784	0,5785	16,722	497,223	87,621
13,456	48,442	14,15	50,94	14,916	53,698	0,708	0,747	0,5776	0,5777	16,699	497,902	87,834
13,455	48,439	14,15	50,939	14,916	53,697	0,707	0,7458	0,5767	0,5769	16,674	498,647	88,151
13,45	48,421	14,145	50,92	14,91	53,677	0,707	0,746	0,5769	0,577	16,678	498,521	88,161
13,439	48,382	14,133	50,877	14,898	53,632	0,708	0,7471	0,5777	0,5779	16,703	497,782	87,935
13,45	48,42	14,144	50,918	14,91	53,675	0,707	0,7461	0,5769	0,5771	16,681	498,453	88,137
13,459	48,454	14,154	50,954	14,92	53,713	0,707	0,7457	0,5766	0,5768	16,672	498,716	88,156
13,45	48,422	14,144	50,92	14,91	53,677	0,707	0,7463	0,5771	0,5772	16,685	498,335	88,125
13,45	48,419	14,144	50,918	14,91	53,675	0,707	0,7462	0,577	0,5772	16,683	498,387	88,124