

Vrijeme od	Vrijeme do	Oznaka mjesta uzorkovanja	Mjesto uzorkovanja	Vrsta mjesta uzorkovanja
16.7.2020 6:00	17.7.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
17.7.2020 6:00	18.7.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
18.7.2020 6:00	19.7.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
19.7.2020 6:00	20.7.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
20.7.2020 6:00	21.7.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
21.7.2020 6:00	22.7.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
22.7.2020 6:00	23.7.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
23.7.2020 6:00	24.7.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
24.7.2020 6:00	25.7.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
25.7.2020 6:00	26.7.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
26.7.2020 6:00	27.7.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
27.7.2020 6:00	28.7.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
28.7.2020 6:00	29.7.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
29.7.2020 6:00	30.7.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
30.7.2020 6:00	31.7.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
31.7.2020 6:00	1.8.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
16.7.2020 6:00	17.7.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
17.7.2020 6:00	18.7.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
18.7.2020 6:00	19.7.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
19.7.2020 6:00	20.7.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
20.7.2020 6:00	21.7.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
21.7.2020 6:00	22.7.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
22.7.2020 6:00	23.7.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
23.7.2020 6:00	24.7.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
24.7.2020 6:00	25.7.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
25.7.2020 6:00	26.7.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
26.7.2020 6:00	27.7.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
27.7.2020 6:00	28.7.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
28.7.2020 6:00	29.7.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
29.7.2020 6:00	30.7.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
30.7.2020 6:00	31.7.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
31.7.2020 6:00	1.8.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
16.7.2020 6:00	17.7.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
17.7.2020 6:00	18.7.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
18.7.2020 6:00	19.7.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
19.7.2020 6:00	20.7.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
20.7.2020 6:00	21.7.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
21.7.2020 6:00	22.7.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
22.7.2020 6:00	23.7.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
23.7.2020 6:00	24.7.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
24.7.2020 6:00	25.7.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
25.7.2020 6:00	26.7.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
26.7.2020 6:00	27.7.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
27.7.2020 6:00	28.7.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
28.7.2020 6:00	29.7.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
29.7.2020 6:00	30.7.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
30.7.2020 6:00	31.7.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
31.7.2020 6:00	1.8.2020 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 %)
3.8.2020 10:23	0,512	0,285	95,873	2,654	0,476	0,676	0,071	0,084	0,009	0,014	0,002		0,02	
3.8.2020 10:23	0,56	0,301	95,647	2,734	0,536	0,757	0,081	0,091	0,011	0,016	0,002		0,02	
3.8.2020 10:23	0,551	0,32	95,564	2,809	0,535	0,756	0,081	0,092	0,011	0,016	0,002		0,021	
3.8.2020 10:23	0,594	0,378	95,213	2,999	0,583	0,816	0,088	0,096	0,012	0,017	0,002		0,02	
3.8.2020 10:23	0,607	0,349	95,287	2,925	0,596	0,831	0,089	0,097	0,012	0,017	0,002		0,019	
3.8.2020 10:23	0,601	0,366	95,228	2,979	0,591	0,826	0,089	0,097	0,011	0,017	0,002		0,02	
3.8.2020 10:23	0,6	0,342	95,327	2,889	0,601	0,841	0,09	0,099	0,012	0,017	0,002		0,02	
3.8.2020 10:23	0,572	0,34	95,401	2,881	0,571	0,805	0,086	0,096	0,011	0,017	0,002		0,021	
3.8.2020 10:23	0,577	0,293	95,552	2,746	0,592	0,833	0,09	0,099	0,012	0,017	0,002		0,021	
3.8.2020 10:23	0,56	0,266	95,684	2,687	0,568	0,803	0,087	0,096	0,012	0,017	0,002		0,021	
3.8.2020 10:23	0,569	0,256	95,658	2,687	0,589	0,83	0,09	0,099	0,012	0,017	0,002		0,021	
3.8.2020 10:23	0,578	0,237	95,642	2,662	0,629	0,881	0,095	0,103	0,012	0,018	0,002		0,021	
3.8.2020 10:23	0,584	0,222	95,686	2,618	0,638	0,89	0,096	0,103	0,012	0,018	0,002		0,021	
3.8.2020 10:23	0,578	0,223	95,699	2,652	0,607	0,847	0,091	0,099	0,011	0,017	0,002		0,02	
3.8.2020 10:23	0,537	0,25	95,74	2,7	0,55	0,773	0,082	0,093	0,011	0,015	0,002		0,02	
3.8.2020 10:23	0,505	0,267	95,746	2,745	0,519	0,737	0,078	0,091	0,01	0,015	0,002		0,021	
3.8.2020 10:23	0,518	0,286	95,903	2,62	0,477	0,673	0,071	0,084	0,01	0,014	0,001		0,017	
3.8.2020 10:23	0,558	0,303	95,688	2,695	0,537	0,754	0,081	0,092	0,011	0,016	0,001		0,017	
3.8.2020 10:23	0,553	0,325	95,581	2,785	0,537	0,755	0,081	0,092	0,011	0,016	0,001		0,017	
3.8.2020 10:23	0,593	0,375	95,297	2,923	0,583	0,812	0,087	0,096	0,012	0,017	0,001		0,016	
3.8.2020 10:23	0,608	0,347	95,371	2,843	0,599	0,83	0,089	0,097	0,012	0,017	0,001		0,016	
3.8.2020 10:23	0,599	0,368	95,283	2,931	0,588	0,819	0,088	0,097	0,012	0,017	0,001		0,016	
3.8.2020 10:23	0,596	0,341	95,388	2,841	0,599	0,835	0,09	0,098	0,012	0,017	0,001		0,017	
3.8.2020 10:23	0,57	0,338	95,47	2,824	0,569	0,799	0,086	0,096	0,012	0,017	0,001		0,018	
3.8.2020 10:23	0,576	0,286	95,614	2,694	0,593	0,831	0,09	0,099	0,012	0,018	0,001		0,018	
3.8.2020 10:23	0,559	0,267	95,736	2,64	0,568	0,798	0,087	0,096	0,012	0,017	0,001		0,018	
3.8.2020 10:23	0,569	0,255	95,714	2,634	0,591	0,828	0,09	0,099	0,012	0,017	0,001		0,018	
3.8.2020 10:23	0,576	0,235	95,699	2,613	0,63	0,877	0,095	0,103	0,013	0,018	0,001		0,018	
3.8.2020 10:23	0,582	0,221	95,732	2,58	0,637	0,885	0,095	0,103	0,013	0,018	0,001		0,017	
3.8.2020 10:23	0,576	0,224	95,788	2,573	0,604	0,838	0,09	0,098	0,012	0,017	0,001		0,017	
3.8.2020 10:23	0,528	0,254	95,805	2,656	0,54	0,756	0,08	0,092	0,011	0,015	0,001		0,017	
3.8.2020 10:23	0,502	0,268	95,779	2,72	0,517	0,731	0,077	0,091	0,011	0,015	0,001		0,018	
3.8.2020 10:23	0,479	0,301	95,969	2,667	0,421	0,584	0,049	0,077	0,009	0,013	0	0,008		0,008
3.8.2020 10:23	0,537	0,294	95,826	2,659	0,498	0,684	0,06	0,087	0,01	0,015	0	0,008		0,006
3.8.2020 10:23	0,548	0,299	95,725	2,705	0,526	0,723	0,064	0,092	0,011	0,015	0	0,008		0,006
3.8.2020 10:23	0,574	0,351	95,439	2,871	0,56	0,765	0,068	0,096	0,012	0,016	0	0,008		0,005
3.8.2020 10:23	0,59	0,354	95,405	2,873	0,572	0,779	0,069	0,096	0,012	0,016	0	0,007		0,005
3.8.2020 10:23	0,595	0,358	95,371	2,895	0,574	0,781	0,069	0,097	0,012	0,016	0	0,007		0,005
3.8.2020 10:23	0,599	0,359	95,332	2,911	0,586	0,798	0,07	0,099	0,012	0,017	0	0,008		0,005
3.8.2020 10:23	0,589	0,346	95,41	2,859	0,583	0,796	0,07	0,1	0,012	0,017	0	0,008		0,005
3.8.2020 10:23	0,598	0,334	95,335	2,923	0,595	0,81	0,073	0,099	0,012	0,017	0	0,008		0,006
3.8.2020 10:23	0,722	0,257	94,558	3,424	0,806	1,039	0,092	0,1	0,012	0,017	0	0,007		0,005
3.8.2020 10:23	0,658	0,259	95,042	3,1	0,714	0,941	0,085	0,1	0,012	0,017	0	0,007		0,005
3.8.2020 10:23	0,739	0,246	94,959	3,119	0,714	0,937	0,081	0,1	0,012	0,017	0	0,007		0,005
3.8.2020 10:23	1,39	0,193	92,512	4,6	1,075	1,306	0,109	0,088	0,012	0,015	0	0,007		0
3.8.2020 10:23	1,538	0,179	91,879	4,966	1,198	1,438	0,12	0,088	0,012	0,015	0	0,005		0
3.8.2020 10:23	1,642	0,174	91,826	4,927	1,189	1,431	0,121	0,088	0,012	0,015	0	0,005		0
3.8.2020 10:23	1,553	0,176	91,9	4,93	1,195	1,441	0,124	0,09	0,012	0,015	0	0,005		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
		9,68972	34,883	10,22516	36,811	10,75011	38,7	11,33371	40,801	12,717	45,781	13,418
		9,70324	34,932	10,23945	36,862	10,76437	38,752	11,34876	40,856	12,717	45,78	13,418
		9,707738	34,948	10,24421	36,879	10,76915	38,769	11,35381	40,874	12,717	45,781	13,418
		9,721788	34,998	10,25906	36,933	10,78383	38,822	11,36933	40,93	12,71	45,758	13,411
		9,720201	34,993	10,25738	36,927	10,78219	38,816	11,3676	40,923	12,713	45,767	13,414
		9,722558	35,001	10,25987	36,936	10,78467	38,825	11,37022	40,933	12,712	45,764	13,413
		9,721046	34,996	10,25827	36,93	10,78315	38,819	11,36861	40,927	12,716	45,776	13,416
		9,717503	34,983	10,25453	36,916	10,77946	38,806	11,36471	40,913	12,717	45,781	13,418
		9,716183	34,978	10,25313	36,911	10,77821	38,802	11,36338	40,908	12,724	45,805	13,425
		9,711024	34,96	10,24767	36,892	10,77284	38,782	11,3577	40,888	12,727	45,818	13,429
		9,715545	34,976	10,25245	36,909	10,77769	38,8	11,36283	40,906	12,731	45,83	13,432
		9,723084	35,003	10,26041	36,937	10,78581	38,829	11,3714	40,937	12,737	45,854	13,439
		9,722066	34,999	10,25933	36,934	10,78476	38,825	11,37028	40,933	12,739	45,86	13,441
		9,717389	34,983	10,25439	36,916	10,77976	38,807	11,365	40,914	12,736	45,851	13,438
		9,710056	34,956	10,24664	36,888	10,77195	38,779	11,35675	40,884	12,732	45,836	13,434
		9,709268	34,953	10,24581	36,885	10,77116	38,776	11,35592	40,881	12,732	45,837	13,434
		9,685339	34,867	10,22053	36,794	10,74539	38,683	11,32872	40,783	12,714	45,769	13,414
		9,698939	34,916	10,23491	36,846	10,75976	38,735	11,3439	40,838	12,714	45,77	13,415
		9,70438	34,936	10,24066	36,866	10,76552	38,756	11,34999	40,86	12,714	45,77	13,415
		9,714975	34,974	10,25186	36,907	10,77654	38,796	11,36164	40,902	12,707	45,745	13,407
		9,713191	34,967	10,24997	36,9	10,77468	38,789	11,35967	40,895	12,709	45,753	13,41
		9,717071	34,981	10,25407	36,915	10,7788	38,804	11,36402	40,91	12,709	45,752	13,409
		9,715935	34,977	10,25287	36,91	10,77769	38,8	11,36285	40,906	12,713	45,768	13,414
		9,711926	34,963	10,24863	36,895	10,7735	38,785	11,35842	40,89	12,714	45,772	13,415
		9,711953	34,963	10,24866	36,895	10,77371	38,785	11,35862	40,891	12,723	45,801	13,424
		9,706029	34,942	10,24239	36,873	10,76749	38,763	11,35206	40,867	12,724	45,808	13,426
		9,710616	34,958	10,24724	36,89	10,77242	38,781	11,35725	40,886	12,728	45,821	13,43
		9,71815	34,985	10,2552	36,919	10,78054	38,81	11,36583	40,917	12,735	45,846	13,437
		9,717522	34,983	10,25453	36,916	10,7799	38,808	11,36515	40,915	12,736	45,851	13,438
		9,70921	34,953	10,24575	36,885	10,7771	38,776	11,35575	40,881	12,732	45,834	13,433
		9,703818	34,934	10,24005	36,864	10,76528	38,755	11,34971	40,859	12,729	45,824	13,43
		9,705926	34,941	10,24228	36,872	10,76758	38,763	11,35214	40,868	12,731	45,83	13,432
0	0	9,674829	34,829	10,20931	36,753	10,73408	38,643	11,31678	40,74	12,709	45,754	13,41
0	0	9,685635	34,868	10,22073	36,795	10,74548	38,684	11,32882	40,784	12,71	45,757	13,411
0	0	9,694162	34,899	10,22973	36,827	10,75456	38,716	11,33841	40,818	12,713	45,767	13,414
0,001	0	9,70599	34,942	10,24224	36,872	10,76695	38,761	11,3515	40,865	12,708	45,75	13,408
0,001	0	9,706416	34,943	10,24269	36,874	10,76734	38,762	11,35191	40,867	12,706	45,742	13,406
0,001	0	9,707386	34,947	10,24372	36,877	10,76834	38,766	11,35297	40,871	12,705	45,739	13,405
0,001	0	9,711171	34,96	10,24772	36,892	10,77238	38,781	11,35723	40,886	12,707	45,745	13,407
0,001	0	9,709309	34,954	10,24575	36,885	10,77047	38,774	11,35522	40,879	12,709	45,753	13,41
0,001	0	9,716616	34,98	10,25346	36,912	10,77831	38,802	11,36349	40,909	12,715	45,773	13,415
0	0	9,783832	35,222	10,32446	37,168	10,85016	39,061	11,43934	41,182	12,754	45,913	13,456
0	0	9,750944	35,103	10,28972	37,043	10,81515	38,935	11,40237	41,049	12,741	45,868	13,443
0	0	9,744726	35,081	10,28315	37,019	10,80823	38,91	11,39508	41,022	12,731	45,83	13,432
0	0	9,851489	35,465	10,39597	37,425	10,92041	39,313	11,51356	41,449	12,73	45,828	13,432
0	0	9,885724	35,589	10,43215	37,556	10,95659	39,444	11,55177	41,586	12,736	45,85	13,438
0	0	9,872463	35,541	10,41815	37,505	10,94202	39,391	11,5364	41,531	12,718	45,784	13,419
0	0	9,882772	35,578	10,42903	37,545	10,95339	39,432	11,54839	41,574	12,733	45,84	13,435

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)
48,305	14,109	50,792	14,873	53,542	0,711	0,7508	0,5806	0,5807	16,785	495,349	87,244
48,303	14,107	50,787	14,871	53,537	0,713	0,753	0,5822	0,5824	16,833	493,948	86,668
48,305	14,108	50,787	14,871	53,537	0,714	0,7536	0,5827	0,5829	16,847	493,52	86,517
48,28	14,099	50,756	14,862	53,505	0,717	0,7566	0,585	0,5852	16,914	491,588	85,865
48,29	14,102	50,767	14,866	53,516	0,716	0,756	0,5846	0,5847	16,901	491,95	85,938
48,286	14,101	50,763	14,864	53,512	0,717	0,7565	0,585	0,5851	16,912	491,647	85,849
48,299	14,105	50,777	14,869	53,527	0,716	0,7559	0,5845	0,5846	16,897	492,056	85,949
48,304	14,107	50,784	14,87	53,534	0,716	0,7552	0,5839	0,5841	16,882	492,518	86,127
48,33	14,114	50,812	14,879	53,564	0,715	0,7541	0,5831	0,5833	16,859	493,18	86,257
48,344	14,119	50,828	14,883	53,58	0,713	0,7529	0,5822	0,5823	16,832	493,975	86,511
48,356	14,122	50,841	14,887	53,594	0,714	0,7532	0,5824	0,5826	16,835	493,891	86,378
48,382	14,13	50,866	14,895	53,621	0,714	0,7536	0,5827	0,5829	16,847	493,534	86,176
48,387	14,131	50,872	14,896	53,627	0,714	0,7533	0,5825	0,5826	16,84	493,746	86,226
48,378	14,129	50,864	14,894	53,618	0,713	0,7528	0,5821	0,5823	16,83	494,038	86,369
48,362	14,125	50,848	14,889	53,602	0,713	0,7522	0,5816	0,5818	16,816	494,452	86,639
48,363	14,125	50,85	14,89	53,603	0,713	0,752	0,5815	0,5817	16,812	494,553	86,712
48,292	14,105	50,778	14,869	53,528	0,711	0,7506	0,5804	0,5805	16,779	495,526	87,356
48,293	14,105	50,776	14,868	53,526	0,713	0,7526	0,582	0,5821	16,825	494,168	86,795
48,293	14,104	50,775	14,868	53,524	0,714	0,7535	0,5826	0,5828	16,844	493,62	86,6
48,267	14,096	50,744	14,859	53,492	0,716	0,7559	0,5845	0,5847	16,899	492,012	86,075
48,275	14,098	50,753	14,861	53,501	0,716	0,7554	0,5841	0,5843	16,887	492,355	86,148
48,274	14,098	50,751	14,861	53,499	0,716	0,7561	0,5846	0,5848	16,901	491,944	86,012
48,29	14,102	50,769	14,866	53,518	0,716	0,7554	0,5841	0,5842	16,886	492,391	86,111
48,295	14,104	50,775	14,868	53,524	0,715	0,7546	0,5835	0,5836	16,869	492,886	86,304
48,326	14,113	50,809	14,878	53,56	0,714	0,7536	0,5827	0,5829	16,847	493,52	86,401
48,333	14,116	50,817	14,88	53,569	0,713	0,7525	0,5818	0,582	16,822	494,26	86,664
48,347	14,12	50,831	14,884	53,584	0,713	0,7528	0,5821	0,5822	16,828	494,077	86,529
48,373	14,127	50,858	14,892	53,612	0,714	0,7531	0,5823	0,5825	16,836	493,85	86,332
48,378	14,129	50,864	14,894	53,618	0,713	0,7529	0,5821	0,5823	16,83	494,021	86,368
48,36	14,124	50,846	14,889	53,599	0,713	0,7521	0,5816	0,5817	16,814	494,498	86,62
48,349	14,121	50,836	14,886	53,589	0,712	0,7516	0,5812	0,5813	16,803	494,824	86,842
48,356	14,123	50,843	14,888	53,596	0,712	0,7517	0,5813	0,5814	16,805	494,755	86,817
48,275	14,101	50,763	14,864	53,511	0,71	0,7494	0,5795	0,5796	16,754	496,269	87,722
48,278	14,101	50,764	14,865	53,513	0,712	0,751	0,5807	0,5808	16,789	495,24	87,215
48,289	14,104	50,774	14,867	53,523	0,713	0,752	0,5815	0,5816	16,811	494,597	86,912
48,271	14,097	50,75	14,861	53,498	0,715	0,7544	0,5833	0,5835	16,865	493,015	86,394
48,263	14,095	50,742	14,858	53,489	0,715	0,7547	0,5836	0,5837	16,872	492,808	86,328
48,26	14,094	50,738	14,857	53,485	0,715	0,755	0,5838	0,5839	16,877	492,65	86,273
48,266	14,095	50,744	14,859	53,491	0,716	0,7554	0,5841	0,5842	16,886	492,388	86,15
48,274	14,098	50,754	14,862	53,502	0,715	0,7548	0,5836	0,5838	16,873	492,756	86,262
48,295	14,104	50,774	14,868	53,524	0,716	0,7553	0,584	0,5842	16,884	492,442	86,052
48,443	14,144	50,917	14,909	53,674	0,721	0,7611	0,5885	0,5887	17,014	488,708	83,979
48,395	14,132	50,874	14,897	53,629	0,718	0,7575	0,5857	0,5859	16,933	491,024	85,054
48,355	14,12	50,832	14,884	53,584	0,718	0,7578	0,5859	0,5861	16,94	490,851	85,02
48,354	14,111	50,801	14,876	53,552	0,734	0,7745	0,5989	0,5991	17,313	480,26	80,66
48,378	14,116	50,817	14,88	53,57	0,738	0,7792	0,6025	0,6026	17,416	477,407	79,581
48,308	14,096	50,744	14,859	53,493	0,738	0,7793	0,6026	0,6028	17,42	477,305	79,655
48,367	14,113	50,806	14,877	53,558	0,738	0,7791	0,6024	0,6026	17,414	477,474	79,619