

Vrijeme od	Vrijeme do	Oznaka mjesta uzorkovanja	Mjesto uzorkovanja	Vrsta mjesta uzorkovanja	Zadnja izmjena
16.11.2024 06:00	17.11.2024 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	02.12.2024 15:02
17.11.2024 06:00	18.11.2024 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	02.12.2024 15:02
18.11.2024 06:00	19.11.2024 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	02.12.2024 15:02
19.11.2024 06:00	20.11.2024 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	02.12.2024 15:02
20.11.2024 06:00	21.11.2024 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	02.12.2024 15:02
21.11.2024 06:00	22.11.2024 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	02.12.2024 15:02
22.11.2024 06:00	23.11.2024 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	02.12.2024 15:02
23.11.2024 06:00	24.11.2024 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	02.12.2024 15:02
24.11.2024 06:00	25.11.2024 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	02.12.2024 15:02
25.11.2024 06:00	26.11.2024 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	02.12.2024 15:02
26.11.2024 06:00	27.11.2024 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	02.12.2024 15:02
27.11.2024 06:00	28.11.2024 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	02.12.2024 15:02
28.11.2024 06:00	29.11.2024 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	02.12.2024 15:02
29.11.2024 06:00	30.11.2024 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	02.12.2024 15:02
30.11.2024 06:00	01.12.2024 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	02.12.2024 15:02
16.11.2024 06:00	17.11.2024 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	02.12.2024 15:03
17.11.2024 06:00	18.11.2024 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	02.12.2024 15:03
18.11.2024 06:00	19.11.2024 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	02.12.2024 15:03
19.11.2024 06:00	20.11.2024 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	02.12.2024 15:03
20.11.2024 06:00	21.11.2024 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	02.12.2024 15:03
21.11.2024 06:00	22.11.2024 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	02.12.2024 15:03
22.11.2024 06:00	23.11.2024 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	02.12.2024 15:03
23.11.2024 06:00	24.11.2024 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	02.12.2024 15:03
24.11.2024 06:00	25.11.2024 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	02.12.2024 15:03
25.11.2024 06:00	26.11.2024 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	02.12.2024 15:03
26.11.2024 06:00	27.11.2024 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	02.12.2024 15:03
27.11.2024 06:00	28.11.2024 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	02.12.2024 15:03
28.11.2024 06:00	29.11.2024 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	02.12.2024 15:03
29.11.2024 06:00	30.11.2024 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	02.12.2024 15:03
30.11.2024 06:00	01.12.2024 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	02.12.2024 15:03
16.11.2024 06:00	17.11.2024 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	02.12.2024 15:03
17.11.2024 06:00	18.11.2024 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	02.12.2024 15:03
18.11.2024 06:00	19.11.2024 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	02.12.2024 15:03
19.11.2024 06:00	20.11.2024 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	02.12.2024 15:03
20.11.2024 06:00	21.11.2024 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	02.12.2024 15:03
21.11.2024 06:00	22.11.2024 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	02.12.2024 15:03
22.11.2024 06:00	23.11.2024 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	02.12.2024 15:03
23.11.2024 06:00	24.11.2024 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	02.12.2024 15:03
24.11.2024 06:00	25.11.2024 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	02.12.2024 15:03
25.11.2024 06:00	26.11.2024 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	02.12.2024 15:03
26.11.2024 06:00	27.11.2024 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	02.12.2024 15:03
27.11.2024 06:00	28.11.2024 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	02.12.2024 15:03
28.11.2024 06:00	29.11.2024 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	02.12.2024 15:03
29.11.2024 06:00	30.11.2024 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	02.12.2024 15:03
30.11.2024 06:00	01.12.2024 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	02.12.2024 15:03

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.

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 %)	C8 (mol %)	C9+ (mol %)
0,231	0,003	95,130	4,310	0,257	0,326	0,025	0,030	0,004	0,007	0	0,003	-	0	0	0
0,249	0,005	94,889	4,379	0,382	0,479	0,041	0,039	0,006	0,008	0	0,003	-	0	0	0
0,245	0,015	94,972	4,331	0,347	0,437	0,037	0,037	0,005	0,008	0	0,003	-	0	0	0
0,226	0,011	94,973	4,359	0,343	0,431	0,035	0,037	0,005	0,008	0	0,003	-	0	0	0
0,228	0,013	94,990	4,363	0,323	0,407	0,033	0,035	0,005	0,008	0	0,003	-	0	0	0
0,195	0,011	95,007	4,410	0,298	0,377	0,030	0,033	0,005	0,007	0	0,003	-	0	0	0
0,199	0,013	95,025	4,367	0,316	0,396	0,031	0,034	0,005	0,007	0	0,003	-	0	0	0
0,183	0,014	95,071	4,324	0,326	0,408	0,032	0,035	0,005	0,007	0	0,003	-	0	0	0
0,267	0,012	94,284	5,021	0,317	0,416	0,053	0,033	0,004	0,006	0	0,002	-	0	0	0
0,477	0,014	92,601	6,504	0,277	0,404	0,094	0,026	0,003	0,004	0	0,001	-	0	0	0
0,626	0,001	91,858	7,269	0,133	0,245	0,099	0,012	0,001	0,001	0	0	-	0	0	0
0,482	0	91,799	7,528	0,082	0,191	0,101	0,008	0	0,001	0	0	-	0	0	0
0,570	0	91,825	7,367	0,123	0,238	0,101	0,011	0	0,001	0	0	-	0	0	0
0,591	0,004	92,062	6,972	0,243	0,371	0,102	0,022	0,002	0,003	0	0	-	0	0	0
0,474	0,002	92,276	6,947	0,183	0,300	0,095	0,018	0,001	0,002	0	0	-	0	0	0
0,231	0,005	95,145	4,282	0,260	0,337	0,031	0,030	0,003	0,007	0	-	0,005	-	-	-
0,225	0,003	95,018	4,346	0,316	0,407	0,040	0,035	0,004	0,008	0	-	0,005	-	-	-
0,229	0,012	95,018	4,322	0,325	0,419	0,041	0,035	0,004	0,008	0	-	0,005	-	-	-
0,203	0,008	95,084	4,330	0,290	0,375	0,036	0,033	0,004	0,007	0	-	0,005	-	-	-
0,221	0,012	94,986	4,366	0,323	0,415	0,040	0,035	0,004	0,008	0	-	0,005	-	-	-
0,194	0,012	95,011	4,386	0,308	0,397	0,038	0,034	0,004	0,007	0	-	0,005	-	-	-
0,188	0,012	95,016	4,384	0,311	0,400	0,038	0,034	0,004	0,007	0	-	0,005	-	-	-
0,183	0,015	95,059	4,325	0,327	0,419	0,040	0,036	0,004	0,007	0	-	0,005	-	-	-
0,259	0,010	94,246	5,120	0,262	0,365	0,062	0,029	0,003	0,006	0	-	0,004	-	-	-
0,498	0,006	92,248	6,964	0,149	0,284	0,116	0,016	0,001	0,002	0	-	0,001	-	-	-
0,542	0,002	91,919	7,285	0,116	0,252	0,121	0,012	0	0,001	0	-	0	-	-	-
0,475	0	91,843	7,472	0,077	0,210	0,123	0,009	0	0,001	0	-	0	-	-	-
0,505	0	91,869	7,403	0,090	0,223	0,122	0,010	0	0,001	0	-	0	-	-	-
0,595	0,004	92,000	7,038	0,213	0,362	0,125	0,020	0,001	0,002	0	-	0,001	-	-	-
0,474	0,006	92,258	6,952	0,171	0,310	0,118	0,017	0,001	0,002	0	-	0,001	-	-	-
0,219	0	95,183	4,304	0,227	0,293	0,026	0,027	0,003	0,007	0	-	0,004	-	-	-
0,203	0	95,182	4,322	0,226	0,293	0,025	0,027	0,003	0,007	0	-	0,004	-	-	-
0,192	0	95,167	4,343	0,230	0,298	0,026	0,028	0,003	0,007	0	-	0,004	-	-	-
0,176	0	95,196	4,333	0,227	0,294	0,025	0,028	0,003	0,007	0	-	0,004	-	-	-
0,172	0	95,131	4,396	0,232	0,301	0,026	0,028	0,003	0,007	0	-	0,004	-	-	-
0,155	0	95,171	4,378	0,229	0,296	0,026	0,028	0,003	0,007	0	-	0,004	-	-	-
0,136	0	95,092	4,471	0,232	0,301	0,026	0,028	0,003	0,007	0	-	0,004	-	-	-
0,114	0,001	95,095	4,482	0,238	0,308	0,027	0,029	0,004	0,007	0	-	0,004	-	-	-
0,269	0,001	93,847	5,607	0,181	0,275	0,064	0,021	0,002	0,005	0	-	0,002	-	-	-
0,532	0	91,862	7,396	0,081	0,210	0,120	0,009	0	0,001	0	-	0	-	-	-
0,516	0	91,729	7,546	0,076	0,209	0,123	0,008	0	0,001	0	-	0	-	-	-
0,482	0	91,759	7,549	0,077	0,210	0,124	0,009	0	0,001	0	-	0	-	-	-
0,499	0	91,776	7,514	0,078	0,211	0,123	0,009	0	0,001	0	-	0	-	-	-
0,521	0	91,824	7,444	0,080	0,211	0,120	0,009	0	0,001	0	-	0	-	-	-
0,483	0	91,923	7,380	0,085	0,214	0,118	0,010	0	0,001	0	-	0	-	-	-

NCV (kWh/m ³) @15/15	NCV (MJ/m ³) @15/15	NCV (kWh/m ³) @25/0	NCV (MJ/m ³) @25/0	GCV (kWh/m ³) @15/15	GCV (MJ/m ³) @15/15	GCV (kWh/m ³) @25/0	GCV (MJ/m ³) @25/0	Wd(kWh/m ³) @15/15	Wd(MJ/m ³) @15/15	Wd(kWh/m ³) @25/0	Wd(MJ/m ³) @25/0
9,795235	35,281	10,325991	37,230	10,871515	39,134	11,460589	41,258	46,310	48,862	12,864	13,573
9,822300	35,382	10,354523	37,337	10,901554	39,242	11,492256	41,372	46,360	48,915	12,878	13,587
9,811760	35,343	10,343412	37,295	10,889856	39,199	11,479924	41,328	46,333	48,886	12,870	13,579
9,814932	35,354	10,346755	37,308	10,893376	39,212	11,483635	41,341	46,350	48,904	12,875	13,584
9,811145	35,340	10,342763	37,293	10,889173	39,197	11,479204	41,325	46,340	48,894	12,872	13,582
9,813284	35,348	10,345018	37,301	10,891547	39,206	11,481707	41,334	46,359	48,914	12,878	13,587
9,812257	35,344	10,343936	37,297	10,890408	39,201	11,480506	41,330	46,354	48,908	12,876	13,586
9,812630	35,345	10,344328	37,298	10,890821	39,203	11,480941	41,331	46,361	48,915	12,878	13,588
9,856891	35,511	10,390988	37,473	10,939946	39,380	11,532728	41,518	46,424	48,982	12,896	13,606
9,942839	35,834	10,481593	37,814	11,035337	39,722	11,633288	41,880	46,525	49,089	12,924	13,636
9,960758	35,902	10,500483	37,886	11,055225	39,794	11,654254	41,955	46,513	49,076	12,920	13,632
9,985128	35,991	10,526174	37,980	11,082273	39,891	11,682768	42,058	46,624	49,194	12,951	13,665
9,972198	35,944	10,512543	37,931	11,067923	39,840	11,667639	42,004	46,560	49,127	12,933	13,646
9,961794	35,906	10,501575	37,890	11,056376	39,798	11,655467	41,960	46,527	49,091	12,924	13,636
9,960289	35,899	10,499989	37,883	11,054705	39,792	11,653705	41,953	46,572	49,138	12,937	13,650
9,795714	35,282	10,326496	37,232	10,872047	39,135	11,461150	41,260	46,310	48,863	12,864	13,573
9,812114	35,343	10,343785	37,296	10,890249	39,201	11,480338	41,329	46,349	48,903	12,875	13,584
9,811052	35,339	10,342665	37,292	10,889070	39,197	11,479095	41,325	46,339	48,893	12,872	13,582
9,807607	35,326	10,339033	37,279	10,885246	39,183	11,475064	41,310	46,345	48,900	12,874	13,583
9,814482	35,352	10,346281	37,306	10,892877	39,210	11,483109	41,339	46,350	48,905	12,875	13,585
9,815517	35,356	10,347372	37,309	10,894025	39,214	11,484319	41,344	46,363	48,919	12,879	13,588
9,816098	35,358	10,347984	37,312	10,894670	39,217	11,484999	41,346	46,367	48,923	12,880	13,590
9,815191	35,354	10,347028	37,308	10,893663	39,213	11,483938	41,342	46,365	48,921	12,879	13,589
9,858421	35,516	10,392600	37,479	10,941643	39,386	11,534518	41,524	46,432	48,991	12,898	13,609
9,958017	35,890	10,497593	37,479	11,052183	39,386	11,651047	41,944	46,432	49,121	12,898	13,645
9,972277	35,946	10,512626	37,934	11,068010	39,840	11,667731	42,004	46,573	49,137	12,937	13,649
9,985913	35,994	10,527001	37,984	11,083144	39,894	11,683686	42,061	46,627	49,198	12,952	13,666
9,980138	35,972	10,520913	37,961	11,076734	39,871	11,676928	42,037	46,603	49,172	12,945	13,659
9,966382	35,922	10,506411	37,908	11,061467	39,814	11,660834	41,979	46,530	49,095	12,925	13,638
9,963283	35,909	10,503145	37,894	11,058028	39,804	11,657208	41,966	46,575	49,143	12,938	13,651
9,791672	35,267	10,322235	37,216	10,867561	39,119	11,456421	41,243	46,309	48,862	12,864	13,573
9,794474	35,277	10,325189	37,227	10,870670	39,130	11,459699	41,255	46,322	48,875	12,867	13,576
9,797781	35,289	10,328675	37,240	10,874341	39,144	11,463568	41,269	46,333	48,887	12,870	13,580
9,798067	35,290	10,328977	37,240	10,874659	39,145	11,463903	41,270	46,341	48,895	12,872	13,582
9,804046	35,312	10,335279	37,264	10,881294	39,169	11,470898	41,295	46,355	48,910	12,876	13,586
9,803499	35,310	10,334703	37,262	10,880687	39,166	11,470258	41,293	46,361	48,916	12,878	13,588
9,812713	35,344	10,344416	37,298	10,890913	39,203	11,481039	41,332	46,389	48,945	12,886	13,596
9,816681	35,359	10,348599	37,313	10,895317	39,219	11,485681	41,348	46,406	48,963	12,890	13,601
9,879873	35,596	10,415215	37,564	10,965453	39,471	11,559617	41,615	46,479	49,041	12,911	13,623
9,975172	35,954	10,515678	37,942	11,071223	39,471	11,671119	42,016	46,582	49,150	12,939	13,653
9,987211	35,999	10,528369	37,989	11,084585	39,899	11,685205	42,067	46,614	49,184	12,948	13,662
9,990870	36,012	10,532226	38,003	11,088646	39,914	11,689485	42,082	46,635	49,206	12,954	13,668
9,986953	35,998	10,528097	37,988	11,084298	39,898	11,684902	42,066	46,620	49,191	12,950	13,664
9,979635	35,971	10,520383	37,959	11,076177	39,869	11,676341	42,035	46,596	49,165	12,943	13,657
9,978976	35,968	10,519688	37,956	11,075445	39,866	11,675569	42,032	46,609	49,179	12,947	13,661

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)
14,269	51,367	15,041	54,149	0,711	0,7506	0,5804	0,5806	16,780	495,513	85,322
14,283	51,417	15,056	54,202	0,714	0,7533	0,5825	0,5826	16,839	493,761	84,443
14,275	51,389	15,048	54,171	0,713	0,7525	0,5819	0,5820	16,822	494,266	84,743
14,280	51,407	15,053	54,191	0,713	0,7525	0,5818	0,5820	16,821	494,306	84,713
14,277	51,397	15,050	54,180	0,713	0,7522	0,5816	0,5818	16,814	494,492	84,825
14,283	51,419	15,056	54,203	0,712	0,7519	0,5814	0,5815	16,807	494,692	84,869
14,281	51,413	15,055	54,197	0,712	0,7519	0,5814	0,5815	16,808	494,686	84,883
14,284	51,421	15,057	54,205	0,712	0,7517	0,5812	0,5814	16,804	494,793	84,910
14,300	51,482	15,075	54,269	0,717	0,7567	0,5851	0,5853	16,915	491,560	83,490
14,326	51,574	15,102	54,367	0,727	0,7672	0,5932	0,5934	17,149	484,852	80,900
14,321	51,555	15,096	54,347	0,730	0,7705	0,5958	0,5960	17,223	482,763	80,365
14,354	51,676	15,132	54,475	0,730	0,7707	0,5959	0,5961	17,226	482,681	80,135
14,335	51,606	15,112	54,401	0,730	0,7708	0,5960	0,5961	17,228	482,625	80,235
14,325	51,571	15,101	54,364	0,730	0,7702	0,5955	0,5957	17,216	482,963	80,275
14,340	51,623	15,116	54,418	0,728	0,7684	0,5942	0,5943	17,176	484,077	80,641
14,269	51,368	15,041	54,149	0,711	0,7507	0,5804	0,5806	16,781	495,467	85,368
14,280	51,408	15,053	54,191	0,713	0,7520	0,5815	0,5816	16,811	494,588	84,890
14,277	51,397	15,050	54,180	0,713	0,7522	0,5816	0,5818	16,814	494,497	84,881
14,279	51,405	15,052	54,188	0,712	0,7514	0,5810	0,5812	16,798	494,984	85,075
14,280	51,409	15,054	54,193	0,713	0,7523	0,5817	0,5819	16,818	494,378	84,814
14,284	51,423	15,058	54,208	0,713	0,7521	0,5815	0,5817	16,812	494,549	84,858
14,285	51,428	15,059	54,212	0,713	0,7520	0,5815	0,5817	16,812	494,563	84,860
14,285	51,426	15,058	54,210	0,713	0,7520	0,5814	0,5816	16,809	494,635	84,892
14,303	51,490	15,077	54,279	0,717	0,7567	0,5851	0,5853	16,914	491,598	83,636
14,303	51,490	15,111	54,399	0,728	0,7687	0,5851	0,5945	17,180	483,955	80,641
14,339	51,622	15,115	54,414	0,730	0,7704	0,5957	0,5959	17,220	482,835	80,257
14,356	51,681	15,133	54,480	0,730	0,7707	0,5959	0,5961	17,225	482,687	80,083
14,348	51,654	15,126	54,452	0,730	0,7706	0,5958	0,5960	17,223	482,749	80,156
14,327	51,579	15,102	54,368	0,730	0,7708	0,5960	0,5961	17,226	482,673	80,176
14,341	51,626	15,117	54,423	0,728	0,7688	0,5944	0,5946	17,184	483,857	80,560
14,269	51,368	15,041	54,149	0,711	0,7501	0,5800	0,5801	16,767	495,872	85,550
14,273	51,382	15,045	54,164	0,711	0,7501	0,5800	0,5801	16,768	495,860	85,517
14,276	51,394	15,049	54,177	0,711	0,7502	0,5801	0,5803	16,771	495,766	85,448
14,278	51,402	15,052	54,186	0,711	0,7500	0,5799	0,5801	16,767	495,895	85,488
14,283	51,417	15,056	54,201	0,711	0,7505	0,5803	0,5805	16,777	495,580	85,320
14,284	51,424	15,058	54,208	0,711	0,7502	0,5801	0,5803	16,771	495,770	85,389
14,293	51,453	15,067	54,240	0,711	0,7508	0,5805	0,5807	16,783	495,407	85,177
14,298	51,472	15,072	54,259	0,711	0,7508	0,5806	0,5807	16,785	495,365	85,118
14,316	51,539	15,092	54,330	0,719	0,7586	0,5865	0,5867	16,954	490,449	83,164
14,342	51,631	15,092	54,330	0,730	0,7586	0,5865	0,5867	17,222	482,798	80,200
14,351	51,665	15,129	54,463	0,731	0,7713	0,5964	0,5966	17,240	482,267	79,958
14,358	51,688	15,136	54,488	0,731	0,7712	0,5963	0,5965	17,237	482,369	79,962
14,353	51,672	15,131	54,471	0,731	0,7711	0,5962	0,5964	17,235	482,430	80,010
14,346	51,646	15,123	54,443	0,730	0,7707	0,5959	0,5961	17,227	482,643	80,124
14,350	51,661	15,128	54,460	0,730	0,7702	0,5955	0,5957	17,214	483,001	80,232