

Vrijeme od	Vrijeme do	Oznaka mjesta uzorkovanja	Mjesto uzorkovanja	Vrsta mjesta uzorkovanja
1.12.2021 6:00	2.12.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
2.12.2021 6:00	3.12.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
3.12.2021 6:00	4.12.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
4.12.2021 6:00	5.12.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
5.12.2021 6:00	6.12.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
6.12.2021 6:00	7.12.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
7.12.2021 6:00	8.12.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
8.12.2021 6:00	9.12.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
9.12.2021 6:00	10.12.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
10.12.2021 6:00	11.12.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
11.12.2021 6:00	12.12.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
12.12.2021 6:00	13.12.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
13.12.2021 6:00	14.12.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
14.12.2021 6:00	15.12.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
15.12.2021 6:00	16.12.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
1.12.2021 6:00	2.12.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
2.12.2021 6:00	3.12.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
3.12.2021 6:00	4.12.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
4.12.2021 6:00	5.12.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
5.12.2021 6:00	6.12.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
6.12.2021 6:00	7.12.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
7.12.2021 6:00	8.12.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
8.12.2021 6:00	9.12.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
9.12.2021 6:00	10.12.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
10.12.2021 6:00	11.12.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
11.12.2021 6:00	12.12.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
12.12.2021 6:00	13.12.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
13.12.2021 6:00	14.12.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
14.12.2021 6:00	15.12.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
15.12.2021 6:00	16.12.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
1.12.2021 6:00	2.12.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
2.12.2021 6:00	3.12.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
3.12.2021 6:00	4.12.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
4.12.2021 6:00	5.12.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
5.12.2021 6:00	6.12.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
6.12.2021 6:00	7.12.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
7.12.2021 6:00	8.12.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
8.12.2021 6:00	9.12.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
9.12.2021 6:00	10.12.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
10.12.2021 6:00	11.12.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
11.12.2021 6:00	12.12.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
12.12.2021 6:00	13.12.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
13.12.2021 6:00	14.12.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
14.12.2021 6:00	15.12.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
15.12.2021 6:00	16.12.2021 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 %)
2.12.2021 7:55	0,307	0,001	96,836	2,537	0,144	0,319	0,144	0,025	0,001	0,005	0	-	0	-
3.12.2021 7:55	0,3	0,001	96,851	2,529	0,145	0,319	0,144	0,025	0,001	0,005	0	-	0	-
4.12.2021 7:55	0,292	0,001	96,857	2,534	0,143	0,316	0,144	0,024	0,001	0,005	0	-	0	-
5.12.2021 7:55	0,287	0,003	96,773	2,589	0,172	0,348	0,145	0,025	0,001	0,005	0	-	0	-
6.12.2021 7:55	0,266	0,002	96,85	2,564	0,145	0,319	0,145	0,024	0,001	0,005	0	-	0	-
7.12.2021 7:55	0,238	0,002	96,83	2,602	0,151	0,328	0,147	0,024	0,001	0,005	0	-	0	-
8.12.2021 7:55	0,217	0,007	96,669	2,725	0,198	0,381	0,148	0,029	0,001	0,005	0	-	0	-
9.12.2021 7:55	0,2	0,01	96,644	2,764	0,197	0,382	0,148	0,03	0,001	0,005	0	-	0,001	-
10.12.2021 7:55	0,18	0,012	96,744	2,709	0,196	0,355	0,123	0,029	0,001	0,005	0	-	0,001	-
11.12.2021 7:55	0,148	0,009	97,373	2,256	0,15	0,214	0,04	0,019	0,001	0,003	0	-	0,001	-
12.12.2021 7:55	0,134	0,007	97,476	2,199	0,135	0,184	0,027	0,017	0,001	0,002	0	-	0,001	-
13.12.2021 7:55	0,132	0,01	97,368	2,281	0,154	0,208	0,029	0,019	0,001	0,002	0	-	0,002	-
14.12.2021 7:55	0,184	0,033	96,86	2,602	0,238	0,32	0,043	0,032	0,002	0,003	0	-	0,002	-
15.12.2021 7:55	0,131	0,021	97,045	2,525	0,206	0,278	0,038	0,027	0,002	0,003	0	-	0,002	-
16.12.2021 7:55	0,113	0,016	97,165	2,461	0,182	0,245	0,034	0,024	0,001	0,003	0	-	0,002	-
2.12.2021 7:55	0,308	0,001	96,831	2,541	0,144	0,319	0,145	0,025	0,001	0,005	0	-	0	-
3.12.2021 7:55	0,302	0,001	96,836	2,539	0,145	0,322	0,145	0,025	0	0,007	0	-	0	-
4.12.2021 7:55	0,291	0,001	96,849	2,543	0,143	0,316	0,144	0,024	0,001	0,005	0	-	0	-
5.12.2021 7:55	0,285	0,001	96,876	2,528	0,138	0,31	0,144	0,022	0	0,005	0	-	0	-
6.12.2021 7:55	0,266	0,001	96,849	2,568	0,14	0,316	0,146	0,023	0	0,007	0	-	0	-
7.12.2021 7:55	0,236	0,006	96,848	2,592	0,142	0,318	0,147	0,023	0	0,005	0	-	0	-
8.12.2021 7:55	0,207	0,001	96,873	2,6	0,143	0,319	0,148	0,023	0,001	0,005	0	-	0	-
9.12.2021 7:55	0,191	0,001	96,864	2,622	0,144	0,323	0,15	0,024	0,001	0,005	0	-	0	-
10.12.2021 7:55	0,168	0,001	97,005	2,539	0,136	0,288	0,126	0,021	0,001	0,004	0	-	0	-
11.12.2021 7:55	0,139	0,002	97,674	2,049	0,094	0,136	0,027	0,012	0,001	0,002	0	-	0,001	-
12.12.2021 7:55	0,123	0,001	97,683	2,066	0,093	0,127	0,019	0,012	0,001	0,002	0	-	0,001	-
13.12.2021 7:55	0,119	0,001	97,686	2,067	0,093	0,127	0,019	0,012	0,001	0,002	0	-	0,001	-
14.12.2021 7:55	0,15	0,009	97,572	2,106	0,12	0,162	0,023	0,015	0,001	0,002	0	-	0,001	-
15.12.2021 7:55	0,091	0	97,63	2,146	0,097	0,132	0,02	0,012	0,001	0,002	0	-	0,001	-
16.12.2021 7:55	0,157	0,005	97,827	1,894	0,086	0,117	0,018	0,011	0,001	0,002	0	-	0,001	-
2.12.2021 7:55	0,304	0,005	96,698	2,651	0,189	0,341	0,117	0,029	0,001	0,005	0	0	-	0
3.12.2021 7:55	0,297	0,005	96,653	2,673	0,213	0,371	0,122	0,029	0,001	0,006	0	0	-	0
4.12.2021 7:55	0,29	0,002	96,79	2,589	0,177	0,328	0,118	0,026	0,001	0,005	0	0	-	0
5.12.2021 7:55	0,291	0,011	96,292	2,92	0,321	0,486	0,12	0,036	0,002	0,006	0	0	-	0
6.12.2021 7:55	0,282	0,016	96,095	3,051	0,382	0,556	0,123	0,042	0,003	0,007	0	0	-	0
7.12.2021 7:55	0,249	0,007	96,509	2,814	0,259	0,42	0,121	0,032	0,002	0,006	0	0	-	0
8.12.2021 7:55	0,232	0,027	96,095	3,12	0,352	0,526	0,119	0,046	0,002	0,006	0	0,001	-	0
9.12.2021 7:55	0,193	0,05	95,845	3,324	0,407	0,588	0,118	0,054	0,003	0,007	0	0,001	-	0
10.12.2021 7:55	0,19	0,032	96,185	3,115	0,32	0,478	0,107	0,043	0,002	0,006	0	0	-	0
11.12.2021 7:55	0,18	0,036	96,397	2,932	0,351	0,455	0,054	0,041	0,003	0,005	0	0,001	-	0
12.12.2021 7:55	0,177	0,041	96,316	2,993	0,37	0,473	0,05	0,045	0,003	0,005	0	0,001	-	0
13.12.2021 7:55	0,179	0,046	96,136	3,136	0,395	0,504	0,052	0,048	0,003	0,005	0	0,001	-	0
14.12.2021 7:55	0,212	0,064	95,885	3,302	0,416	0,536	0,056	0,055	0,003	0,005	0	0,001	-	0
15.12.2021 7:55	0,185	0,065	95,746	3,434	0,443	0,571	0,059	0,058	0,003	0,005	0	0,002	-	0
16.12.2021 7:55	0,208	0,083	95,254	3,794	0,512	0,661	0,068	0,068	0,004	0,006	0	0,002	-	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
-	-	9,667587	34,803	10,201711	36,726	10,728183	38,621	11,310455	40,718	12,778	46	13,482
-	-	9,667531	34,803	10,201652	36,726	10,728145	38,621	11,310415	40,717	12,779	46,003	13,483
-	-	9,668279	34,806	10,201652	36,726	10,728979	38,624	11,311293	40,721	12,779	46,003	13,484
-	-	9,677644	34,84	10,202441	36,729	10,728979	38,624	11,311293	40,721	12,786	46,029	13,484
-	-	9,673273	34,824	10,207714	36,748	10,734423	38,644	11,317037	40,741	12,786	46,029	13,49
-	-	9,680272	34,849	10,215104	36,774	10,742024	38,671	11,325059	40,77	12,793	46,055	13,498
-	-	9,699377	34,918	10,235286	36,847	10,762557	38,745	11,346734	40,848	12,806	46,101	13,512
-	-	9,703738	34,933	10,239891	36,864	10,767281	38,762	11,351719	40,866	12,81	46,115	13,516
-	-	9,69569	34,904	10,231387	36,833	10,75872	38,731	11,342679	40,834	12,807	46,105	13,513
-	-	9,637499	34,695	10,169912	36,612	10,75872	38,731	11,342679	40,834	12,777	45,999	13,513
-	-	9,629611	34,667	10,161578	36,582	10,696496	38,507	11,268113	40,565	12,775	45,989	13,479
-	-	9,629611	34,667	10,171377	36,617	10,688101	38,477	11,278603	40,603	12,78	46,008	13,479
-	-	9,674922	34,83	10,20945	36,754	10,736366	38,651	11,31908	40,749	12,791	46,046	13,495
-	-	9,667784	34,804	10,201902	36,727	10,728963	38,624	11,311254	40,721	12,795	46,062	13,5
-	-	9,659868	34,776	10,193538	36,697	10,720568	38,594	11,302388	40,689	12,793	46,056	13,498
-	-	9,667836	34,804	10,201974	36,727	10,728446	38,622	11,310733	40,719	12,778	46,001	13,482
-	-	9,669142	34,809	10,203354	36,732	10,729869	38,628	11,312234	40,724	12,779	46,006	13,484
-	-	9,668991	34,808	10,203194	36,731	10,729744	38,627	11,312234	40,724	12,779	46,006	13,484
-	-	9,667361	34,802	10,201471	36,725	10,72802	38,621	11,312102	40,724	12,78	46,009	13,485
-	-	9,673629	34,825	10,20809	36,749	10,734809	38,645	11,317444	40,743	12,786	46,03	13,491
-	-	9,678131	34,841	10,212844	36,766	10,739731	38,663	11,322638	40,761	12,792	46,05	13,497
-	-	9,681907	34,855	10,216829	36,781	10,743895	38,678	11,32703	40,777	12,798	46,072	13,503
-	-	9,6857	34,869	10,220834	36,795	10,748019	38,693	11,331382	40,793	12,802	46,087	13,507
-	-	9,674613	34,829	10,209121	36,753	10,736226	38,65	11,318927	40,748	12,798	46,074	13,504
-	-	9,610644	34,598	10,141543	36,51	10,736226	38,65	11,318927	40,748	12,764	45,951	13,467
-	-	9,610644	34,598	10,142625	36,513	10,668941	38,408	11,247882	40,492	12,767	45,96	13,467
-	-	9,612093	34,604	10,142625	36,513	10,668941	38,408	11,248374	40,494	12,767	45,96	13,471
-	-	9,617191	34,622	10,148461	36,534	10,674727	38,429	11,253997	40,514	12,765	45,955	13,469
-	-	9,621517	34,637	10,153022	36,551	10,679609	38,447	11,259141	40,533	12,776	45,995	13,48
-	-	9,593432	34,536	10,123365	36,444	10,649261	38,337	11,227112	40,418	12,751	45,905	13,454
0	0	9,677616	34,839	10,21218	36,764	10,738788	38,66	11,321655	40,758	12,783	46,02	13,488
0	0	9,68483	34,865	10,219792	36,791	10,746547	38,688	11,329835	40,787	12,788	46,038	13,493
0	0	9,672758	34,822	10,207048	36,745	10,733648	38,641	11,316228	40,738	12,783	46,018	13,487
0	0	9,720809	34,995	10,257804	36,928	10,785105	38,826	11,370546	40,934	12,809	46,112	13,515
0	0	9,741902	35,071	10,28008	37,008	10,807724	38,908	11,394418	41,02	12,821	46,157	13,528
0	0	9,707167	34,946	10,243391	36,876	10,770654	38,774	11,355287	40,879	12,807	46,104	13,512
0	0	9,746161	35,086	10,284582	37,024	10,812429	38,925	11,399387	41,038	12,828	46,18	13,535
0	0	9,772601	35,181	10,31251	37,125	10,840823	39,027	11,429359	41,146	12,844	46,237	13,551
0	0	9,741129	35,068	10,279264	37,005	10,807172	38,906	11,393832	41,018	12,829	46,184	13,536
0	0	9,72074	34,995	10,25772	36,928	10,785345	38,827	11,370782	40,935	12,817	46,143	13,524
0	0	9,727801	35,02	10,26518	36,955	10,792905	38,854	11,378764	40,964	12,821	46,156	13,527
0	0	9,742532	35,073	10,280735	37,011	10,808662	38,911	11,395393	41,023	12,828	46,182	13,535
0	0	9,755869	35,121	10,294833	37,061	10,822765	38,962	11,410292	41,077	12,829	46,185	13,536
0	0	9,773719	35,185	10,313688	37,129	10,841989	39,031	11,430585	41,15	12,843	46,234	13,55
0	0	9,811359	35,321	10,353453	37,272	10,882169	39,176	11,473007	41,303	12,859	46,291	13,567

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)
48,536	14,18	51,047	14,947	53,811	0,701	0,7403	0,5724	0,5726	16,551	502,37	89,257
48,538	14,18	51,05	14,948	53,813	0,701	0,7402	0,5724	0,5725	16,549	502,427	89,277
48,543	14,18	51,05	14,948	53,813	0,701	0,7402	0,5723	0,5725	16,548	502,461	89,282
48,543	14,188	51,077	14,95	53,819	0,701	0,7409	0,5723	0,5731	16,548	501,953	88,991
48,566	14,188	51,078	14,957	53,843	0,701	0,7403	0,5724	0,5725	16,549	502,403	89,201
48,593	14,196	51,106	14,965	53,873	0,702	0,7405	0,5726	0,5727	16,555	502,251	89,057
48,642	14,209	51,154	14,979	53,924	0,703	0,7419	0,5737	0,5738	16,587	501,272	88,491
48,657	14,214	51,169	14,983	53,94	0,703	0,7421	0,5738	0,574	16,591	501,129	88,398
48,646	14,211	51,16	14,981	53,93	0,702	0,7412	0,5731	0,5733	16,571	501,767	88,756
48,646	14,181	51,053	14,949	53,817	0,697	0,7357	0,5689	0,5733	16,45	505,46	90,817
48,523	14,179	51,044	14,946	53,807	0,697	0,7349	0,5689	0,5691	16,429	506,095	91,203
48,523	14,184	51,063	14,952	53,828	0,696	0,7357	0,5688	0,5684	16,448	505,492	90,83
48,584	14,194	51,098	14,962	53,864	0,701	0,7399	0,5722	0,5723	16,542	502,657	89,436
48,6	14,199	51,118	14,968	53,885	0,7	0,7384	0,5709	0,5711	16,508	503,678	89,801
48,595	14,198	51,114	14,967	53,881	0,699	0,7373	0,5701	0,5703	16,485	504,382	90,197
48,536	14,18	51,047	14,947	53,811	0,701	0,7403	0,5724	0,5726	16,551	502,349	89,246
48,541	14,181	51,053	14,949	53,817	0,702	0,7404	0,5725	0,5726	16,552	502,327	89,21
48,541	14,183	51,057	14,95	53,821	0,702	0,7404	0,5724	0,5725	16,549	502,43	89,262
48,544	14,182	51,057	14,95	53,821	0,701	0,74	0,5722	0,5723	16,544	502,578	89,339
48,567	14,189	51,08	14,957	53,845	0,701	0,7403	0,5724	0,5725	16,55	502,398	89,185
48,588	14,195	51,101	14,963	53,868	0,701	0,7403	0,5724	0,5726	16,551	502,349	89,134
48,611	14,202	51,126	14,97	53,894	0,701	0,7402	0,5723	0,5725	16,548	502,452	89,11
48,627	14,206	51,142	14,975	53,91	0,701	0,7403	0,5724	0,5726	16,55	502,381	89,037
48,613	14,203	51,129	14,971	53,897	0,7	0,739	0,5714	0,5716	16,522	503,236	89,491
48,483	14,168	51,005	14,971	53,897	0,695	0,739	0,5714	0,5671	16,522	507,221	91,896
48,483	14,171	51,016	14,935	53,766	0,695	0,7332	0,5668	0,567	16,389	507,328	91,951
48,496	14,172	51,018	14,938	53,777	0,695	0,733	0,5668	0,5669	16,389	507,335	91,948
48,487	14,169	51,008	14,936	53,769	0,696	0,734	0,5676	0,5677	16,411	506,644	91,598
48,529	14,181	51,053	14,949	53,817	0,695	0,7334	0,5671	0,5673	16,398	507,052	91,702
48,434	14,155	50,957	14,921	53,715	0,694	0,732	0,566	0,5662	16,366	508,023	92,492
48,556	14,185	51,066	14,953	53,831	0,702	0,7412	0,5731	0,5733	16,571	501,769	88,891
48,575	14,19	51,085	14,959	53,851	0,703	0,7417	0,5735	0,5737	16,582	501,443	88,681
48,553	14,185	51,065	14,953	53,83	0,702	0,7405	0,5726	0,5728	16,556	502,22	89,104
48,653	14,211	51,161	14,981	53,931	0,706	0,7448	0,5759	0,5761	16,651	499,348	87,549
48,701	14,224	51,207	14,994	53,98	0,707	0,7466	0,5773	0,5775	16,691	498,189	86,922
48,644	14,21	51,155	14,979	53,924	0,704	0,743	0,5745	0,5747	16,611	500,544	88,112
48,725	14,231	51,232	15,002	54,006	0,707	0,7465	0,5773	0,5774	16,691	498,203	86,914
48,785	14,248	51,291	15,019	54,068	0,709	0,7487	0,579	0,5791	16,738	496,756	86,195
48,729	14,233	51,238	15,003	54,012	0,707	0,7456	0,5766	0,5767	16,669	498,797	87,174
48,685	14,221	51,196	14,991	53,968	0,705	0,7438	0,5752	0,5753	16,629	500,028	87,795
48,699	14,225	51,209	14,995	53,982	0,705	0,7445	0,5757	0,5758	16,644	499,573	87,571
48,727	14,232	51,236	15,003	54,01	0,707	0,7459	0,5768	0,5769	16,675	498,689	87,103
48,73	14,232	51,236	15,003	54,01	0,709	0,7479	0,5783	0,5784	16,718	497,367	86,567
48,781	14,246	51,287	15,018	54,064	0,71	0,749	0,5792	0,5793	16,745	496,579	86,117
48,842	14,262	51,343	15,034	54,124	0,713	0,7529	0,5822	0,5824	16,831	494,02	84,945