

Vrijeme od	Vrijeme do	Oznaka mjesta uzorkovanja	Mjesto uzorkovanja	Vrsta mjesta uzorkovanja
16.9.2021 6:00	17.9.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
17.9.2021 6:00	18.9.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
18.9.2021 6:00	19.9.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
19.9.2021 6:00	20.9.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
20.9.2021 6:00	21.9.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
21.9.2021 6:00	22.9.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
22.9.2021 6:00	23.9.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
23.9.2021 6:00	24.9.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
24.9.2021 6:00	25.9.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
25.9.2021 6:00	26.9.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
26.9.2021 6:00	27.9.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
27.9.2021 6:00	28.9.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
28.9.2021 6:00	29.9.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
29.9.2021 6:00	30.9.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
30.9.2021 6:00	1.10.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
16.9.2021 6:00	17.9.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
17.9.2021 6:00	18.9.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
18.9.2021 6:00	19.9.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
19.9.2021 6:00	20.9.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
20.9.2021 6:00	21.9.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
21.9.2021 6:00	22.9.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
22.9.2021 6:00	23.9.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
23.9.2021 6:00	24.9.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
24.9.2021 6:00	25.9.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
25.9.2021 6:00	26.9.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
26.9.2021 6:00	27.9.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
27.9.2021 6:00	28.9.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
28.9.2021 6:00	29.9.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
29.9.2021 6:00	30.9.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
30.9.2021 6:00	1.10.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
16.9.2021 6:00	17.9.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
17.9.2021 6:00	18.9.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
18.9.2021 6:00	19.9.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
19.9.2021 6:00	20.9.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
20.9.2021 6:00	21.9.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
21.9.2021 6:00	22.9.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
22.9.2021 6:00	23.9.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
23.9.2021 6:00	24.9.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
24.9.2021 6:00	25.9.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
25.9.2021 6:00	26.9.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
26.9.2021 6:00	27.9.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
27.9.2021 6:00	28.9.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
28.9.2021 6:00	29.9.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
29.9.2021 6:00	30.9.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
30.9.2021 6:00	1.10.2021 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 %)
1.10.2021 15:26	0,059	0,01	95,803	3,911	0,166	0,216	0,017	0,019	0,003	0,005	0	-	0,007	-
1.10.2021 15:26	0,062	0,018	96,051	3,629	0,18	0,239	0,02	0,022	0,003	0,006	0	-	0,008	-
1.10.2021 15:26	0,105	0,066	96,131	3,398	0,22	0,298	0,027	0,028	0,004	0,008	0,001	-	0,01	-
1.10.2021 15:26	0,119	0,084	96,096	3,385	0,232	0,316	0,03	0,03	0,005	0,008	0,001	-	0,011	-
1.10.2021 15:26	0,037	0,005	96,266	3,446	0,183	0,246	0,021	0,023	0,003	0,006	0,001	-	0,009	-
1.10.2021 15:26	0,03	0	96,096	3,638	0,178	0,235	0,019	0,021	0,003	0,006	0	-	0,008	-
1.10.2021 15:26	0,076	0,048	95,983	3,616	0,207	0,277	0,024	0,025	0,004	0,007	0,001	-	0,01	-
1.10.2021 15:26	0,156	0,128	95,771	3,59	0,261	0,356	0,033	0,033	0,006	0,009	0,001	-	0,013	-
1.10.2021 15:26	0,174	0,143	95,717	3,589	0,275	0,377	0,036	0,036	0,006	0,009	0,001	-	0,013	-
4.10.2021 13:37	0,15	0,122	95,73	3,648	0,257	0,35	0,033	0,033	0,006	0,009	0,001	-	0,012	-
4.10.2021 13:37	0,155	0,132	95,673	3,678	0,264	0,361	0,034	0,034	0,006	0,009	0,001	-	0,013	-
4.10.2021 13:37	0,409	0,377	95,174	3,451	0,417	0,59	0,063	0,059	0,011	0,015	0,001	-	0,023	-
4.10.2021 13:37	0,251	0,175	95,457	3,696	0,307	0,421	0,041	0,039	0,007	0,01	0,001	-	0,015	-
1.10.2021 15:26	0,222	0,017	95,54	3,898	0,251	0,324	0,028	0,026	0,004	0,007	0	-	0,008	-
1.10.2021 15:26	0,245	0,135	95,479	3,745	0,293	0,396	0,038	0,036	0,006	0,009	0,001	-	0,013	-
1.10.2021 15:26	0,771	0,716	94,47	3,156	0,624	0,887	0,1	0,09	0,018	0,023	0,002	-	0,031	-
1.10.2021 15:26	0,762	0,716	94,5	3,153	0,611	0,87	0,097	0,089	0,018	0,022	0,002	-	0,031	-
1.10.2021 15:26	0,747	0,698	94,511	3,169	0,617	0,876	0,097	0,09	0,017	0,022	0,002	-	0,031	-
1.10.2021 15:26	0,741	0,688	94,516	3,182	0,615	0,873	0,097	0,09	0,017	0,022	0,002	-	0,031	-
1.10.2021 15:26	0,698	0,644	94,616	3,203	0,593	0,84	0,093	0,086	0,017	0,021	0,002	-	0,03	-
1.10.2021 15:26	0,334	0,293	95,488	3,37	0,371	0,515	0,053	0,051	0,009	0,013	0,001	-	0,017	-
1.10.2021 15:26	0,502	0,468	95,004	3,36	0,472	0,665	0,071	0,067	0,013	0,017	0,001	-	0,024	-
1.10.2021 15:26	0,765	0,703	94,379	3,216	0,662	0,937	0,104	0,094	0,019	0,023	0,002	-	0,032	-
1.10.2021 15:26	0,716	0,663	94,622	3,139	0,6	0,859	0,096	0,089	0,017	0,022	0,002	-	0,033	-
1.10.2021 15:26	0,707	0,666	94,642	3,133	0,593	0,852	0,096	0,088	0,018	0,022	0,002	-	0,033	-
1.10.2021 15:26	0,726	0,699	94,509	3,179	0,617	0,887	0,101	0,091	0,019	0,023	0,002	-	0,035	-
1.10.2021 15:26	0,717	0,679	94,638	3,111	0,592	0,854	0,097	0,088	0,018	0,022	0,002	-	0,034	-
1.10.2021 15:26	0,717	0,68	94,633	3,115	0,593	0,856	0,097	0,089	0,018	0,023	0,002	-	0,035	-
1.10.2021 15:26	0,703	0,671	94,664	3,118	0,585	0,845	0,096	0,088	0,018	0,022	0,002	-	0,034	-
1.10.2021 15:26	0,726	0,687	94,572	3,131	0,615	0,885	0,101	0,091	0,019	0,023	0,002	-	0,034	-
1.10.2021 15:26	0,041	0,002	96,346	3,374	0,184	0,237	0,017	0,022	0,003	0,006	0	0,005	-	0
1.10.2021 15:26	0,064	0,025	96,285	3,369	0,198	0,257	0,019	0,024	0,004	0,007	0	0,005	-	0
1.10.2021 15:26	0,104	0,066	96,171	3,365	0,224	0,294	0,022	0,028	0,005	0,008	0	0,006	-	0,001
1.10.2021 15:26	0,102	0,066	96,158	3,378	0,225	0,296	0,023	0,029	0,005	0,008	0	0,006	-	0,001
1.10.2021 15:26	0,034	0,002	96,306	3,42	0,185	0,239	0,017	0,022	0,004	0,006	0	0,005	-	0
1.10.2021 15:26	0,03	0	96,115	3,622	0,183	0,232	0,015	0,02	0,003	0,006	0	0,005	-	0
1.10.2021 15:26	0,029	0	96,101	3,638	0,183	0,233	0,015	0,02	0,003	0,006	0	0,005	-	0
1.10.2021 15:26	0,027	0	96,084	3,655	0,184	0,234	0,015	0,021	0,003	0,006	0	0,005	-	0
1.10.2021 15:26	0,032	0,007	96,05	3,67	0,19	0,242	0,016	0,021	0,003	0,006	0	0,005	-	0
1.10.2021 15:26	0,042	0,018	95,959	3,732	0,196	0,249	0,017	0,022	0,004	0,006	0	0,005	-	0
1.10.2021 15:26	0,068	0,045	95,874	3,736	0,214	0,276	0,02	0,025	0,004	0,007	0	0,005	-	0,001
1.10.2021 15:26	0,056	0,002	95,821	3,855	0,211	0,266	0,018	0,022	0,003	0,006	0	0,005	-	0
1.10.2021 15:26	0,263	0,004	95,301	4,007	0,346	0,425	0,032	0,031	0,005	0,007	0	0,004	-	0
1.10.2021 15:26	0,066	0,004	95,323	4,102	0,411	0,505	0,04	0,036	0,005	0,008	0	0,004	-	0
1.10.2021 15:26	0,239	0,004	94,812	4,286	0,543	0,66	0,053	0,044	0,006	0,009	0	0,004	-	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
-	-	9,769603	35,171	10,309442	37,114	10,838332	39,018	11,426699	41,136	12,865	46,313	13,574
-	-	9,751912	35,107	10,290758	37,047	10,819344	38,95	11,406657	41,064	12,853	46,27	13,561
-	-	9,736897	35,053	10,274911	36,99	10,802925	38,891	11,389343	41,002	12,83	46,189	13,537
-	-	9,736201	35,05	10,274182	36,987	10,80207	38,887	11,388446	40,998	12,825	46,171	13,532
-	-	9,743261	35,076	10,281616	37,014	10,81022	38,917	11,39702	41,029	12,853	46,27	13,561
-	-	9,756608	35,124	10,295713	37,065	10,824563	38,968	11,412159	41,084	12,862	46,304	13,571
-	-	9,753685	35,113	10,29264	37,054	10,821087	38,956	11,408506	41,071	12,847	46,249	13,555
-	-	9,750653	35,102	10,289458	37,042	10,817244	38,942	11,404482	41,056	12,821	46,157	13,528
-	-	9,751218	35,104	10,290059	37,044	10,81773	38,944	11,405	41,058	12,817	46,141	13,523
-	-	9,755005	35,118	10,294053	37,059	10,821955	38,959	11,409453	41,074	12,826	46,173	13,533
-	-	9,757947	35,129	10,297124	37,07	10,825058	38,97	11,412683	41,086	12,825	46,17	13,532
-	-	9,733554	35,041	10,271473	36,977	10,796906	38,869	11,383116	40,979	12,732	45,834	13,434
-	-	9,757271	35,126	10,296465	37,067	10,823853	38,966	11,411481	41,081	12,808	46,108	13,514
-	-	9,770317	35,173	10,310213	37,117	10,838472	39,018	11,426872	41,137	12,845	46,242	13,553
-	-	9,759871	35,136	10,299203	37,077	10,826767	38,976	11,414549	41,092	12,816	46,136	13,522
-	-	9,7007	34,923	10,236856	36,853	10,759333	38,734	11,343571	40,837	12,62	45,433	13,316
-	-	9,698415	34,914	10,23444	36,844	10,756916	38,725	11,341018	40,828	12,62	45,432	13,316
-	-	9,703613	34,933	10,239928	36,864	10,762608	38,745	11,347022	40,849	12,628	45,46	13,324
-	-	9,70553	34,94	10,241951	36,871	10,764718	38,753	11,349246	40,857	12,631	45,472	13,327
-	-	9,709321	34,954	10,245943	36,885	10,769104	38,769	11,35386	40,874	12,646	45,525	13,343
-	-	9,730448	35,03	10,268162	36,965	10,794341	38,86	11,380368	40,969	12,76	45,936	13,463
-	-	9,724705	35,009	10,262142	36,944	10,786955	38,833	11,372635	40,941	12,709	45,751	13,409
-	-	9,715348	34,975	10,252328	36,908	10,775098	38,79	11,360213	40,897	12,632	45,474	13,328
-	-	9,705443	34,94	10,241853	36,871	10,764811	38,753	11,349336	40,858	12,638	45,497	13,335
-	-	9,704584	34,937	10,240944	36,867	10,763913	38,75	11,348388	40,854	12,638	45,497	13,335
-	-	9,709673	34,955	10,246329	36,887	10,769149	38,769	11,353955	40,874	12,633	45,48	13,33
-	-	9,70169	34,926	10,237892	36,856	10,760729	38,739	11,34503	40,842	12,633	45,479	13,329
-	-	9,70231	34,928	10,238547	36,859	10,761393	38,741	11,345731	40,845	12,633	45,48	13,33
-	-	9,702694	34,93	10,238949	36,86	10,761887	38,743	11,346248	40,846	12,637	45,492	13,333
-	-	9,706781	34,944	10,243271	36,876	10,766123	38,758	11,35073	40,863	12,634	45,481	13,33
0	0	9,734995	35,046	10,27276	36,982	10,801239	38,884	11,387533	40,995	12,848	46,253	13,556
0	0	9,733767	35,042	10,271469	36,977	10,799752	38,879	11,385973	40,99	12,841	46,226	13,548
0	0	9,732337	35,036	10,26997	36,972	10,797924	38,873	11,384058	40,983	12,828	46,18	13,535
0	0	9,733776	35,042	10,27149	36,977	10,799473	38,878	11,385693	40,988	12,829	46,184	13,536
0	0	9,739348	35,062	10,277358	36,998	10,805928	38,901	11,392483	41,013	12,852	46,266	13,56
0	0	9,753641	35,113	10,292454	37,053	10,821262	38,957	11,408667	41,071	12,861	46,299	13,569
0	0	9,754964	35,118	10,293851	37,058	10,822685	38,962	11,410168	41,077	12,862	46,302	13,57
0	0	9,756607	35,124	10,295586	37,064	10,824451	38,968	11,412033	41,083	12,863	46,306	13,572
0	0	9,757945	35,129	10,297001	37,069	10,825841	38,973	11,413502	41,089	12,862	46,302	13,57
0	0	9,76175	35,142	10,301023	37,084	10,829837	38,987	11,417724	41,104	12,861	46,299	13,569
0	0	9,761928	35,143	10,301218	37,084	10,829835	38,987	11,417731	41,104	12,853	46,271	13,561
0	0	9,773537	35,185	10,313471	37,128	10,842473	39,033	11,431061	41,152	12,869	46,328	13,578
0	0	9,790239	35,245	10,331132	37,192	10,859604	39,095	11,449171	41,217	12,854	46,275	13,563
0	0	9,829091	35,385	10,372153	37,34	10,901973	39,247	11,493871	41,378	12,9	46,438	13,61
0	0	9,850616	35,462	10,39491	37,422	10,9244	39,328	11,517572	41,463	12,892	46,411	13,602

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)
48,866	14,272	51,379	15,045	54,161	0,707	0,7458	0,5767	0,5769	16,673	498,67	86,832
48,82	14,259	51,334	15,032	54,114	0,705	0,7445	0,5757	0,5759	16,645	499,532	87,283
48,734	14,235	51,245	15,006	54,02	0,706	0,7449	0,5759	0,5761	16,651	499,331	87,44
48,715	14,229	51,225	15	53,999	0,706	0,7453	0,5763	0,5765	16,662	499,007	87,367
48,82	14,26	51,337	15,032	54,116	0,704	0,7432	0,5747	0,5748	16,615	500,432	87,633
48,857	14,27	51,373	15,043	54,154	0,705	0,7441	0,5754	0,5755	16,635	499,809	87,284
48,798	14,253	51,31	15,024	54,088	0,706	0,7455	0,5764	0,5766	16,666	498,913	87,122
48,701	14,224	51,206	14,994	53,978	0,709	0,748	0,5784	0,5785	16,721	497,259	86,751
48,684	14,219	51,187	14,989	53,959	0,709	0,7486	0,5788	0,579	16,735	496,853	86,622
48,717	14,229	51,223	14,999	53,996	0,709	0,7481	0,5785	0,5786	16,725	497,142	86,621
48,716	14,228	51,22	14,998	53,993	0,709	0,7487	0,5789	0,579	16,737	496,79	86,494
48,361	14,123	50,842	14,887	53,595	0,716	0,756	0,5845	0,5847	16,899	492,5	85,946
48,649	14,208	51,148	14,977	53,918	0,711	0,7506	0,5804	0,5806	16,78	495,45	86,198
48,791	14,249	51,298	15,021	54,075	0,709	0,7482	0,5786	0,5787	16,727	497,079	86,215
48,679	14,216	51,179	14,986	53,95	0,711	0,7501	0,58	0,5802	16,768	495,864	86,2
47,937	13,997	50,391	14,755	53,12	0,724	0,7641	0,5908	0,591	17,082	486,756	85,289
47,936	13,997	50,39	14,755	53,119	0,724	0,7638	0,5906	0,5908	17,074	486,959	85,377
47,966	14,006	50,421	14,764	53,151	0,724	0,7637	0,5905	0,5907	17,072	487,036	85,307
47,978	14,01	50,434	14,768	53,165	0,724	0,7636	0,5904	0,5906	17,069	487,104	85,284
48,035	14,026	50,495	14,786	53,229	0,722	0,7624	0,5895	0,5897	17,043	487,867	85,381
48,468	14,155	50,959	14,922	53,718	0,713	0,7521	0,5815	0,5817	16,813	494,592	86,477
48,273	14,097	50,749	14,86	53,497	0,718	0,7574	0,5856	0,5858	16,931	491,123	85,879
47,981	14,01	50,434	14,768	53,166	0,725	0,7651	0,5916	0,5917	17,102	486,17	84,917
48,005	14,018	50,463	14,777	53,196	0,723	0,7627	0,5898	0,5899	17,05	487,653	85,398
48,005	14,018	50,464	14,777	53,196	0,723	0,7626	0,5896	0,5898	17,047	487,746	85,442
47,987	14,012	50,443	14,771	53,175	0,724	0,764	0,5907	0,5909	17,077	486,875	85,18
47,986	14,012	50,443	14,771	53,175	0,723	0,7627	0,5898	0,5899	17,05	487,642	85,466
47,987	14,012	50,445	14,771	53,176	0,723	0,7628	0,5898	0,59	17,052	487,603	85,448
47,999	14,016	50,458	14,775	53,19	0,722	0,7625	0,5896	0,5897	17,044	487,82	85,492
47,988	14,013	50,445	14,771	53,177	0,723	0,7635	0,5903	0,5905	17,066	487,185	85,284
48,802	14,255	51,319	15,027	54,098	0,704	0,7425	0,5741	0,5743	16,598	500,923	87,794
48,773	14,247	51,289	15,018	54,065	0,704	0,7432	0,5746	0,5748	16,614	500,461	87,687
48,725	14,232	51,237	15,003	54,011	0,705	0,7444	0,5756	0,5758	16,642	499,616	87,48
48,729	14,233	51,24	15,004	54,015	0,705	0,7445	0,5757	0,5758	16,644	499,546	87,441
48,815	14,259	51,332	15,031	54,111	0,704	0,7427	0,5743	0,5745	16,605	500,738	87,68
48,85	14,268	51,366	15,041	54,147	0,705	0,7439	0,5752	0,5753	16,629	499,988	87,29
48,853	14,269	51,37	15,042	54,151	0,705	0,744	0,5753	0,5754	16,632	499,924	87,253
48,858	14,271	51,374	15,043	54,156	0,705	0,7441	0,5753	0,5755	16,634	499,848	87,208
48,854	14,269	51,37	15,042	54,151	0,705	0,7444	0,5756	0,5757	16,641	499,632	87,126
48,85	14,268	51,365	15,04	54,146	0,706	0,7451	0,5761	0,5763	16,657	499,167	86,95
48,821	14,259	51,333	15,031	54,112	0,707	0,746	0,5768	0,577	16,677	498,551	86,778
48,881	14,276	51,395	15,049	54,177	0,707	0,746	0,5768	0,577	16,676	498,595	86,584
48,825	14,258	51,33	15,03	54,109	0,711	0,7502	0,5801	0,5802	16,771	495,782	85,454
48,997	14,308	51,507	15,082	54,296	0,711	0,7509	0,5806	0,5808	16,785	495,378	84,891
48,969	14,297	51,471	15,071	54,257	0,715	0,7551	0,5838	0,584	16,879	492,633	83,852