

Vrijeme od	Vrijeme do	Oznaka mjesta uzorkovanja	Mjesto uzorkovanja	Vrsta mjesta uzorkovanja	Zadnja izmjena
1.9.2022 6:00	2.9.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	2.9.2022 7:55
2.9.2022 6:00	3.9.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	3.9.2022 7:55
3.9.2022 6:00	4.9.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	4.9.2022 7:55
4.9.2022 6:00	5.9.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	5.9.2022 7:55
5.9.2022 6:00	6.9.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	6.9.2022 7:55
6.9.2022 6:00	7.9.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	7.9.2022 7:55
7.9.2022 6:00	8.9.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	8.9.2022 7:55
8.9.2022 6:00	9.9.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	9.9.2022 7:55
9.9.2022 6:00	10.9.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	10.9.2022 7:55
10.9.2022 6:00	11.9.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	11.9.2022 7:55
11.9.2022 6:00	12.9.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	12.9.2022 7:55
12.9.2022 6:00	13.9.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	13.9.2022 7:55
13.9.2022 6:00	14.9.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	14.9.2022 7:55
14.9.2022 6:00	15.9.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	15.9.2022 7:55
15.9.2022 6:00	16.9.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	16.9.2022 7:55
1.9.2022 6:00	2.9.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	2.9.2022 7:55
2.9.2022 6:00	3.9.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	3.9.2022 7:55
3.9.2022 6:00	4.9.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	4.9.2022 7:55
4.9.2022 6:00	5.9.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	5.9.2022 7:55
5.9.2022 6:00	6.9.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	6.9.2022 7:55
6.9.2022 6:00	7.9.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	7.9.2022 7:55
7.9.2022 6:00	8.9.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	8.9.2022 7:55
8.9.2022 6:00	9.9.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	9.9.2022 7:55
9.9.2022 6:00	10.9.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	10.9.2022 7:55
10.9.2022 6:00	11.9.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	11.9.2022 7:55
11.9.2022 6:00	12.9.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	12.9.2022 7:55
12.9.2022 6:00	13.9.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	13.9.2022 7:55
13.9.2022 6:00	14.9.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	14.9.2022 7:55
14.9.2022 6:00	15.9.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	15.9.2022 7:55
15.9.2022 6:00	16.9.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	16.9.2022 7:55
1.9.2022 6:00	2.9.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	2.9.2022 7:55
2.9.2022 6:00	3.9.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	3.9.2022 7:55
3.9.2022 6:00	4.9.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	4.9.2022 7:55
4.9.2022 6:00	5.9.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	5.9.2022 7:55
5.9.2022 6:00	6.9.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	6.9.2022 7:55
6.9.2022 6:00	7.9.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	7.9.2022 7:55
7.9.2022 6:00	8.9.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	8.9.2022 7:55
8.9.2022 6:00	9.9.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	9.9.2022 7:55
9.9.2022 6:00	10.9.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	10.9.2022 7:55
10.9.2022 6:00	11.9.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	11.9.2022 7:55
11.9.2022 6:00	12.9.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	12.9.2022 7:55
12.9.2022 6:00	13.9.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	13.9.2022 7:55
13.9.2022 6:00	14.9.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	14.9.2022 7:55
14.9.2022 6:00	15.9.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	15.9.2022 7:55
15.9.2022 6:00	16.9.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	16.9.2022 7:55

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 %)
0,137	0,044	95,959	3,559	0,235	0,301	0,025	0,028	0,003	0,005	0	-	0,004	-	-	-
0,095	0,003	96,085	3,57	0,199	0,247	0,018	0,023	0,001	0,003	0	-	0,002	-	-	-
0,087	0,001	96,082	3,585	0,198	0,245	0,018	0,023	0,001	0,003	0	-	0,002	-	-	-
0,082	0,001	96,079	3,593	0,198	0,245	0,018	0,023	0,001	0,003	0	-	0,002	-	-	-
0,072	0,001	96,182	3,49	0,201	0,255	0,02	0,025	0,002	0,004	0	-	0,003	-	-	-
0,051	0	96,566	3,096	0,21	0,286	0,027	0,032	0,003	0,006	0,001	-	0,007	-	-	-
0,187	0,153	95,919	3,256	0,348	0,485	0,052	0,051	0,008	0,012	0,001	-	0,014	-	-	-
0,06	0,014	96,494	3,127	0,223	0,305	0,03	0,034	0,003	0,007	0,001	-	0,008	-	-	-
0,045	0	96,536	3,132	0,211	0,287	0,027	0,032	0,003	0,006	0,001	-	0,007	-	-	-
0,05	0,001	96,349	3,329	0,207	0,272	0,024	0,028	0,002	0,005	0	-	0,005	-	-	-
0,496	0,507	94,313	3,74	0,669	0,944	0,106	0,097	0,018	0,024	0,001	-	0,029	-	-	-
0,074	0,033	96,171	3,405	0,238	0,316	0,029	0,033	0,003	0,006	0,001	-	0,006	-	-	-
0,04	0,001	96,286	3,4	0,209	0,273	0,023	0,028	0,002	0,005	0	-	0,005	-	-	-
0,043	0,001	96,135	3,558	0,202	0,264	0,022	0,027	0,002	0,005	0	-	0,005	-	-	-
0,211	0	93,646	6,11	0,029	0,032	0,001	0,002	0	0	0	-	0	-	-	-
0,837	0,808	93,314	3,706	0,924	1,336	0,163	0,139	0,028	0,036	0,002	-	0,043	-	-	-
0,863	0,904	92,903	3,948	0,966	1,382	0,168	0,139	0,029	0,037	0,002	-	0,042	-	-	-
0,612	0,652	93,713	4,001	0,731	1,021	0,119	0,099	0,02	0,025	0,001	-	0,028	-	-	-
0,841	0,992	92,363	4,415	0,992	1,389	0,164	0,132	0,027	0,034	0,001	-	0,038	-	-	-
0,209	0,172	95,435	3,746	0,334	0,439	0,042	0,041	0,006	0,009	0	-	0,007	-	-	-
0,111	0,073	96,234	3,22	0,266	0,362	0,036	0,038	0,005	0,008	0	-	0,008	-	-	-
0,596	0,614	94,01	3,697	0,764	1,082	0,127	0,108	0,022	0,028	0,001	-	0,032	-	-	-
0,341	0,322	95,224	3,398	0,508	0,715	0,081	0,073	0,013	0,018	0,001	-	0,021	-	-	-
0,051	0,006	96,522	3,129	0,216	0,292	0,028	0,032	0,003	0,007	0	-	0,006	-	-	-
0,461	0,458	94,559	3,621	0,638	0,901	0,103	0,092	0,017	0,023	0,001	-	0,026	-	-	-
0,826	0,89	92,827	4,014	1,012	1,445	0,169	0,15	0,029	0,037	0,002	-	0,046	-	-	-
0,168	0,14	95,762	3,472	0,337	0,458	0,046	0,047	0,007	0,01	0	-	0,011	-	-	-
0,647	0,689	93,497	3,957	0,856	1,21	0,14	0,122	0,024	0,031	0,001	-	0,036	-	-	-
0,136	0,115	95,789	3,531	0,318	0,428	0,042	0,044	0,006	0,009	0	-	0,009	-	-	-
0,199	0	93,81	5,942	0,041	0,048	0,003	0,003	0	0,001	0	-	0	-	-	-
0,149	0,055	95,907	3,574	0,251	0,316	0,022	0,03	0,004	0,006	0	0,003	-	0,001	0	0
0,094	0	96,084	3,576	0,203	0,246	0,015	0,022	0,002	0,004	0	0,001	-	0	0	0
0,09	0	96,08	3,583	0,203	0,247	0,015	0,022	0,002	0,004	0	0,001	-	0	0	0
0,085	0	96,071	3,598	0,204	0,247	0,015	0,022	0,002	0,004	0	0,001	-	0	0	0
0,079	0	96,068	3,606	0,204	0,247	0,014	0,022	0,002	0,003	0	0,001	-	0	0	0
0,057	0	96,485	3,18	0,214	0,278	0,021	0,03	0,003	0,006	0	0,004	-	0	0	0
0,052	0	96,547	3,119	0,215	0,282	0,022	0,031	0,003	0,006	0	0,004	-	0	0	0
0,064	0,017	96,473	3,14	0,231	0,305	0,024	0,034	0,004	0,007	0	0,005	-	0	0	0
0,048	0,001	96,53	3,134	0,218	0,287	0,023	0,032	0,003	0,007	0	0,005	-	0	0	0
0,049	0	96,437	3,234	0,215	0,28	0,021	0,03	0,003	0,006	0	0,004	-	0	0	0
0,05	0	96,32	3,359	0,213	0,27	0,019	0,028	0,003	0,005	0	0,003	-	0	0	0
0,047	0	96,3	3,383	0,212	0,269	0,019	0,028	0,003	0,005	0	0,003	-	0	0	0
0,042	0	96,282	3,405	0,214	0,271	0,019	0,028	0,003	0,005	0	0,003	-	0	0	0
0,036	0	96,26	3,43	0,216	0,274	0,019	0,028	0,003	0,005	0	0,003	-	0	0	0
0,188	0	93,971	5,771	0,06	0,07	0,004	0,004	0,001	0,001	0	0	-	0	0	0

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
9,745825	35,085	10,28434	37,024	10,812454	38,925	11,399399	41,038	12,836	46,21
9,744488	35,08	10,282915	37,018	10,811323	38,921	11,398188	41,033	12,847	46,25
9,746237	35,086	10,284761	37,025	10,813232	38,928	11,400202	41,041	12,849	46,258
9,74736	35,09	10,285947	37,029	10,814455	38,932	11,401493	41,045	12,851	46,263
9,742864	35,074	10,281198	37,012	10,809679	38,915	11,396451	41,027	12,849	46,257
9,723101	35,003	10,260334	36,937	10,788597	38,839	11,374195	40,947	12,84	46,225
9,743231	35,076	10,28163	37,014	10,809112	38,913	11,395911	41,025	12,81	46,116
9,726748	35,016	10,264179	36,951	10,792426	38,853	11,378241	40,962	12,839	46,22
9,726468	35,015	10,26388	36,95	10,792229	38,852	11,378028	40,961	12,843	46,235
9,73693	35,053	10,27493	36,99	10,803411	38,892	11,389832	41,003	12,848	46,254
9,798494	35,275	10,340104	37,224	10,865899	39,117	11,455997	41,242	12,745	45,883
9,745157	35,083	10,283628	37,021	10,812018	38,923	11,39893	41,036	12,845	46,241
9,74327	35,076	10,281625	37,014	10,810239	38,917	11,397038	41,029	12,853	46,272
9,75312	35,111	10,292027	37,051	10,820777	38,955	11,408167	41,069	12,859	46,291
9,886817	35,593	10,43326	37,56	10,963332	39,468	11,558674	41,611	12,918	46,504
9,807297	35,306	10,349496	37,258	10,872995	39,143	11,463616	41,269	12,66	45,578
9,820905	35,355	10,363797	37,31	10,887034	39,193	11,478462	41,322	12,65	45,54
9,805716	35,301	10,347767	37,252	10,87267	39,142	11,463193	41,267	12,712	45,764
9,847894	35,452	10,392409	37,413	10,915783	39,297	11,508829	41,432	12,654	45,555
9,765161	35,155	10,304794	37,097	10,832441	38,997	11,420542	41,114	12,818	46,144
9,732636	35,037	10,270426	36,974	10,798327	38,874	11,384504	40,984	12,827	46,176
9,800625	35,282	10,34239	37,233	10,867434	39,123	11,457661	41,248	12,719	45,787
9,764381	35,152	10,304021	37,094	10,830596	38,99	11,418658	41,107	12,776	45,994
9,725677	35,012	10,263045	36,947	10,791337	38,849	11,377088	40,958	12,841	46,227
9,788879	35,24	10,330755	37,191	10,856741	39,084	11,44547	41,204	12,753	45,91
9,841726	35,43	10,385881	37,389	10,909627	39,275	11,50231	41,408	12,668	45,606
9,756466	35,123	10,295605	37,064	10,823403	38,964	11,410991	41,08	12,822	46,161
9,830389	35,389	10,373849	37,346	10,898863	39,236	11,49087	41,367	12,717	45,782
9,760555	35,138	10,299916	37,08	10,827989	38,981	11,415821	41,097	12,833	46,198
9,878187	35,561	10,424144	37,527	10,954135	39,435	11,548964	41,576	12,914	46,49
9,74701	35,089	10,285468	37,028	10,813521	38,929	11,400522	41,042	12,834	46,201
9,744907	35,082	10,283233	37,02	10,811667	38,922	11,398545	41,035	12,848	46,254
9,745931	35,085	10,284313	37,024	10,812776	38,926	11,399715	41,039	12,849	46,257
9,747473	35,091	10,285943	37,029	10,81445	38,932	11,401481	41,045	12,851	46,263
9,748642	35,095	10,287176	37,034	10,815724	38,937	11,402826	41,05	12,852	46,268
9,725852	35,013	10,263106	36,947	10,791395	38,849	11,377146	40,958	12,841	46,228
9,722807	35,002	10,259889	36,936	10,788154	38,837	11,373726	40,945	12,84	46,224
9,725467	35,012	10,262703	36,946	10,790895	38,847	11,376625	40,956	12,837	46,213
9,725073	35,01	10,262283	36,944	10,790594	38,846	11,376301	40,955	12,842	46,23
9,731028	35,032	10,268572	36,967	10,796972	38,869	11,383033	40,979	12,845	46,243
9,737996	35,057	10,275931	36,993	10,804429	38,896	11,390903	41,007	12,849	46,257
9,739822	35,063	10,277859	37	10,806397	38,903	11,392979	41,015	12,851	46,262
9,742272	35,072	10,280446	37,01	10,809041	38,913	11,39577	41,025	12,853	46,27
9,745062	35,082	10,283394	37,02	10,812051	38,923	11,398946	41,036	12,855	46,278
9,870157	35,533	10,415532	37,496	10,945474	39,404	11,53979	41,543	12,911	46,478

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)
13,544	48,757	14,241	51,267	15,012	54,043	0,706	0,7456	0,5765	0,5766	16,667	498,885	87,254
13,555	48,799	14,254	51,313	15,025	54,092	0,705	0,744	0,5753	0,5755	16,633	499,87	87,494
13,558	48,808	14,256	51,322	15,028	54,101	0,705	0,744	0,5753	0,5755	16,633	499,869	87,469
13,559	48,813	14,258	51,327	15,03	54,106	0,705	0,7441	0,5753	0,5755	16,634	499,855	87,451
13,557	48,807	14,256	51,323	15,028	54,101	0,705	0,7435	0,5749	0,5751	16,622	500,201	87,595
13,548	48,772	14,247	51,29	15,019	54,067	0,703	0,7416	0,5734	0,5736	16,579	501,52	88,195
13,516	48,658	14,211	51,161	14,981	53,931	0,709	0,7483	0,5786	0,5788	16,728	497,186	86,953
13,547	48,768	14,246	51,284	15,017	54,061	0,703	0,7423	0,574	0,5741	16,594	501,055	88,029
13,551	48,783	14,25	51,301	15,022	54,078	0,703	0,7418	0,5736	0,5737	16,583	501,388	88,111
13,557	48,804	14,256	51,32	15,028	54,099	0,704	0,7427	0,5743	0,5745	16,605	500,738	87,801
13,448	48,413	14,134	50,882	14,899	53,637	0,724	0,7645	0,5911	0,5913	17,089	486,678	83,822
13,553	48,79	14,251	51,304	15,023	54,082	0,705	0,7444	0,5756	0,5758	16,642	499,638	87,435
13,562	48,822	14,261	51,339	15,033	54,118	0,704	0,7431	0,5746	0,5748	16,614	500,465	87,637
13,567	48,843	14,266	51,359	15,039	54,14	0,705	0,744	0,5753	0,5754	16,633	499,889	87,34
13,63	49,067	14,324	51,567	15,1	54,36	0,718	0,7576	0,5858	0,586	16,935	490,966	85,446
13,358	48,09	14,036	50,53	14,796	53,267	0,735	0,7761	0,6001	0,6002	17,347	479,31	82,095
13,347	48,05	14,023	50,484	14,783	53,218	0,739	0,7795	0,6028	0,6029	17,424	477,183	81,559
13,413	48,287	14,096	50,744	14,859	53,492	0,729	0,7697	0,5951	0,5953	17,204	483,468	83,093
13,352	48,067	14,026	50,495	14,786	53,231	0,742	0,7834	0,6057	0,6059	17,509	474,961	80,914
13,524	48,687	14,219	51,187	14,989	53,959	0,711	0,7508	0,5806	0,5807	16,784	495,589	86,338
13,534	48,721	14,231	51,232	15,002	54,006	0,706	0,7447	0,5758	0,576	16,648	499,538	87,657
13,42	48,311	14,103	50,772	14,867	53,521	0,728	0,7682	0,594	0,5942	17,172	484,549	83,495
13,48	48,529	14,171	51,016	14,939	53,779	0,716	0,7557	0,5843	0,5845	16,892	492,5	85,661
13,548	48,774	14,248	51,292	15,019	54,069	0,703	0,7419	0,5737	0,5738	16,586	501,3	88,109
13,457	48,445	14,144	50,919	14,91	53,677	0,722	0,7622	0,5894	0,5894	17,038	488,166	84,269
13,367	48,121	14,043	50,555	14,804	53,293	0,74	0,7806	0,6035	0,6037	17,446	476,574	81,163
13,529	48,705	14,225	51,209	14,995	53,982	0,71	0,7489	0,5791	0,5792	16,741	496,814	86,689
13,418	48,305	14,099	50,758	14,863	53,507	0,732	0,773	0,5977	0,5979	17,279	481,468	82,407
13,54	48,744	14,236	51,25	15,007	54,025	0,709	0,7483	0,5786	0,5788	16,728	497,189	86,703
13,626	49,053	14,321	51,554	15,096	54,346	0,717	0,7567	0,5851	0,5853	16,915	491,553	85,497
13,54	48,746	14,238	51,256	15,008	54,03	0,707	0,746	0,5769	0,577	16,678	498,575	87,032
13,556	48,802	14,255	51,317	15,026	54,095	0,705	0,744	0,5753	0,5754	16,632	499,911	87,467
13,557	48,806	14,256	51,321	15,028	54,099	0,705	0,744	0,5753	0,5755	16,633	499,882	87,441
13,559	48,812	14,257	51,327	15,029	54,106	0,705	0,7441	0,5753	0,5755	16,634	499,846	87,419
13,56	48,817	14,259	51,332	15,031	54,111	0,705	0,7441	0,5754	0,5755	16,635	499,834	87,406
13,549	48,776	14,248	51,293	15,019	54,07	0,703	0,7419	0,5736	0,5738	16,585	501,318	88,029
13,548	48,771	14,247	51,289	15,018	54,066	0,703	0,7415	0,5734	0,5735	16,578	501,544	88,126
13,544	48,76	14,243	51,276	15,015	54,052	0,703	0,7423	0,574	0,5741	16,595	501,034	87,941
13,549	48,777	14,249	51,295	15,02	54,072	0,703	0,7417	0,5735	0,5737	16,581	501,434	88,054
13,553	48,791	14,252	51,308	15,024	54,086	0,703	0,7422	0,5739	0,574	16,592	501,101	87,891
13,557	48,806	14,256	51,323	15,028	54,101	0,704	0,7428	0,5744	0,5745	16,606	500,69	87,714
13,559	48,811	14,258	51,328	15,03	54,107	0,704	0,7429	0,5745	0,5746	16,609	500,616	87,677
13,561	48,819	14,26	51,336	15,032	54,115	0,704	0,7431	0,5746	0,5747	16,612	500,524	87,618
13,563	48,828	14,262	51,345	15,035	54,124	0,704	0,7432	0,5747	0,5748	16,615	500,412	87,545
13,622	49,039	14,317	51,542	15,092	54,333	0,716	0,7559	0,5845	0,5846	16,896	492,101	86,199