Vrijeme od	Vrijeme do	Oznaka mjesta uzorkovanja	Mjesto uzorkovanja	Vrsta mjesta uzorkovanja
1.3.2020 6:00	2.3.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
2.3.2020 6:00	3.3.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
3.3.2020 6:00	4.3.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
4.3.2020 6:00	5.3.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
5.3.2020 6:00	6.3.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
6.3.2020 6:00	7.3.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
7.3.2020 6:00	8.3.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
8.3.2020 6:00	9.3.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
9.3.2020 6:00	10.3.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
10.3.2020 6:00	11.3.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
11.3.2020 6:00	12.3.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
12.3.2020 6:00	13.3.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
13.3.2020 6:00	14.3.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
14.3.2020 6:00	15.3.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
15.3.2020 6:00	16.3.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
1.3.2020 6:00	2.3.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
2.3.2020 6:00	3.3.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
3.3.2020 6:00	4.3.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
4.3.2020 6:00	5.3.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
5.3.2020 6:00	6.3.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
6.3.2020 6:00	7.3.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
7.3.2020 6:00	8.3.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
8.3.2020 6:00	9.3.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
9.3.2020 6:00	10.3.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
10.3.2020 6:00	11.3.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
11.3.2020 6:00	12.3.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
12.3.2020 6:00	13.3.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
13.3.2020 6:00	14.3.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
14.3.2020 6:00	15.3.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
15.3.2020 6:00	16.3.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
1.3.2020 6:00	2.3.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
2.3.2020 6:00	3.3.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
3.3.2020 6:00	4.3.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
4.3.2020 6:00	5.3.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
5.3.2020 6:00	6.3.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
6.3.2020 6:00	7.3.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
7.3.2020 6:00	8.3.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
8.3.2020 6:00	9.3.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
9.3.2020 6:00	10.3.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
10.3.2020 6:00	11.3.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
11.3.2020 6:00	12.3.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
12.3.2020 6:00	13.3.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
13.3.2020 6:00	14.3.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
14.3.2020 6:00	15.3.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
15.3.2020 6:00	16.3.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak

Kromatografska anailza 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 %)	C8 (mol %)
2.3.2020 7:55	0,602	0,271	95,432	2,709	0,716	0,967	0,105	0,111	0,014	0,019	0,002		0,019		
3.3.2020 7:55	0,542	0,29	95,645	2,713	0,581	0,79	0,086	0,095	0,011	0,016	0,002		0,02		
4.3.2020 7:55	0,554	0,276	95,628	2,705	0,603	0,818	0,088	0,097	0,011	0,016	0,002		0,019		
5.3.2020 7:55	0,545	0,282	95,694	2,685	0,57	0,776	0,084	0,094	0,011	0,016	0,002		0,019		
6.3.2020 7:55	0,52	0,287	95,741	2,691	0,543	0,741	0,08	0,091	0,01	0,015	0,002		0,019		
7.3.2020 7:55	0,547	0,277	95,558	2,761	0,62	0,838	0,09	0,098	0,011	0,016	0,002		0,019		
8.3.2020 7:55	0,518	0,285	95,737	2,737	0,518	0,704	0,075	0,086	0,01	0,014	0,002		0,019		
9.3.2020 7:55	0,524	0,284	95,587	2,804	0,581	0,782	0,083	0,092	0,01	0,015	0,002		0,019		
10.3.2020 7:55	0,524	0,29	95,549	2,824	0,589	0,794	0,084	0,093	0,01	0,015	0,002		0,019		
11.3.2020 7:55	0,516	0,29	95,485	2,89	0,596	0,8	0,085	0,092	0,01	0,015	0,002		0,019		
12.3.2020 7:55	0,497	0,301	95,603	2,857	0,533	0,723	0,076	0,088	0,01	0,014	0,002		0,019		
13.3.2020 7:55	0,516	0,288	95,63	2,785	0,563	0,762	0,08	0,092	0,01	0,015	0,002		0,019		
14.3.2020 7:55	0,527	0,285	95,376	2,939	0,638	0,855	0,09	0,098	0,011	0,016	0,002		0,019		
15.3.2020 7:55	0,502	0,299	95,534	2,867	0,574	0,779	0,082	0,095	0,01	0,015	0,002		0,019		
16.3.2020 15:24	0,513	0,299	95,467	2,88	0,607	0,821	0,087	0,099	0,011	0,016	0,002		0,019		
2.3.2020 7:55	0,585	0,281	95,513	2,696	0,67	0,908	0,099	0,106	0,013	0,019	0,001		0,017		
3.3.2020 7:55	0,523	0,292	95,729	2,698	0,543	0,741	0,08	0,091	0,011	0,015	0,001		0,017		
4.3.2020 7:55	0,512	0,295	95,88	2,642	0,476	0,654	0,07	0,083	0,01	0,014	0,001		0,017		
5.3.2020 7:55	0,507	0,299	95,867	2,664	0,469	0,644	0,069	0,082	0,009	0,014	0,001		0,017		
6.3.2020 7:55	0,476	0,307	95,889	2,71	0,433	0,599	0,064	0,079	0,009	0,013	0,001		0,018		
7.3.2020 7:55	0,492	0,297	95,871	2,689	0,46	0,633	0,068	0,082	0,009	0,013	0,001		0,018		
8.3.2020 7:55	0,489	0,29	95,884	2,686	0,462	0,634	0,067	0,082	0,009	0,013	0,001		0,017		
9.3.2020 7:55	0,494	0,296	95,751	2,757	0,502	0,685	0,072	0,087	0,01	0,014	0,001		0,017		
10.3.2020 7:55	0,487	0,297	95,722	2,786	0,506	0,691	0,073	0,087	0,01	0,014	0,001		0,017		
11.3.2020 7:55	0,478	0,306	95,714	2,812	0,492	0,673	0,071	0,086	0,009	0,013	0,001		0,017		
12.3.2020 7:55	0,48	0,303	95,701	2,816	0,501	0,683	0,072	0,087	0,009	0,014	0,001		0,017		
13.3.2020 7:55	0,507	0,292	95,645	2,793	0,55	0,747	0,079	0,092	0,01	0,015	0,001		0,017		
14.3.2020 7:55	0,499	0,293	95,634	2,812	0,549	0,746	0,079	0,092	0,01	0,015	0,001		0,017		
15.3.2020 7:55	0,497	0,299	95,536	2,867	0,577	0,784	0,083	0,097	0,011	0,015	0,001		0,017		
16.3.2020 15:24	0,506	0,3	95,491	2,877	0,597	0,809	0,085	0,099	0,011	0,016	0,001		0,017		
2.3.2020 7:55	0,695	0,244	94,775	3,11	0,916	1,177	0,101	0,114	0,015	0,02	0	0,007		0,003	0,001
3.3.2020 7:55	0,688	0,245	94,775	3,114	0,915	1,178	0,103	0,114	0,015	0,02	0	0,007		0,003	0,001
4.3.2020 7:55	0,657	0,236	94,752	3,154	0,935	1,201	0,104	0,117	0,015	0,02	0	0,007		0,003	0
5.3.2020 7:55	0,695	0,232	94,731	3,149	0,932	1,192	0,103	0,112	0,015	0,02	0	0,007		0,003	0,001
6.3.2020 7:55	0,695	0,237	94,712	3,161	0,932	1,195	0,104	0,113	0,015	0,02	0	0,007		0,003	0,001
7.3.2020 7:55	0,667	0,245	94,831	3,081	0,911	1,176	0,103	0,117	0,015	0,02	0	0,007		0,003	0,001
8.3.2020 7:55	0,657	0,233	94,829	3,098	0,919	1,183	0,102	0,117	0,015	0,02	0	0,007		0,003	0
9.3.2020 7:55	0,649	0,244	94,766	3,135	0,938	1,205	0,104	0,118	0,015	0,02	0	0,007		0,003	0
10.3.2020 7:55	0,675	0,241	94,86	3,048	0,91	1,176	0,103	0,117	0,015	0,021	0	0,007		0,003	0,001
11.3.2020 7:55	0,658	0,24	94,613	3,247	0,97	1,242	0,107	0,118	0,015	0,021	0	0,007		0,003	0,001
12.3.2020 7:55	0,709	0,232	94,347	3,434	1,007	1,278	0,109	0,117	0,015	0,02	0	0,007		0,003	0,001
13.3.2020 7:55	0,7	0,237	94,333	3,439	1,008	1,29	0,109	0,127	0,015	0,021	0	0,007		0,004	0
14.3.2020 7:55	0,643	0,231	94,206	3,57	1,066	1,349	0,114	0,124	0,015	0,02	0	0,006		0,003	0
15.3.2020 7:55	0,751	0,239	94,426	3,343	0,96	1,24	0,106	0,128	0,015	0,021	0	0,007		0,004	0
16.3.2020 15:24	0,79	0,23	94,018	3,641	1,039	1,321	0,112	0,125	0,015	0,021	0	0,006		0,003	0

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
	9,737597	35,055	10,275746	36,993	10,801153	38,884	11,387602	40,995	12,737	45,854
	9,71257	34,965	10,249305	36,897	10,774479	38,788	11,359436	40,894	12,726	45,814
	9,716269	34,979	10,25321	36,912	10,778448	38,802	11,363623	40,909	12,729	45,826
	9,70816	34,949	10,244643	36,881	10,769769	38,771	11,354461	40,876	12,725	45,809
	9,704944	34,938	10,241245	36,868	10,766392	38,759	11,350894	40,863	12,725	45,809
	9,72423	35,007	10,261619	36,942	10,786999	38,833	11,37265	40,942	12,735	45,844
	9,702356	34,928	10,238508	36,859	10,763631	38,749	11,347976	40,853	12,724	45,806
	9,719264	34,989	10,256371	36,923	10,781732	38,814	11,367087	40,922	12,733	45,839
	9,721943	34,999	10,259203	36,933	10,784583	38,824	11,370099	40,932	12,734	45,841
	9,728932	35,024	10,266584	36,96	10,792098	38,852	11,378031	40,961	12,739	45,859
	9,714706	34,973	10,251555	36,906	10,776885	38,797	11,361968	40,903	12,731	45,831
	9,715442	34,976	10,252334	36,908	10,777653	38,8	11,362781	40,906	12,731	45,832
	9,740848	35,067	10,279173	37,005	10,804849	38,897	11,391494	41,009	12,745	45,883
	9,72493	35,01	10,262357	36,944	10,787834	38,836	11,37353	40,945	12,737	45,852
	9,731501	35,033	10,2693	36,969	10,794831	38,861	11,38092	40,971	12,739	45,86
	9,72649	35,015	10,264011	36,95	10,78927	38,841	11,375056	40,95	12,731	45,831
	9,704009	34,934	10,240258	36,865	10,765363	38,755	11,349808	40,859	12,723	45,803
	9,686167	34,87	10,221409	36,797	10,74627	38,687	11,329647	40,787	12,713	45,768
	9,686199	34,87	10,221443	36,797	10,746303	38,687	11,329682	40,787	12,713	45,767
	9,684494	34,864	10,21964	36,791	10,744557	38,68	11,327836	40,78	12,714	45,771
	9,688059	34,877	10,223406	36,804	10,74836	38,694	11,331852	40,795	12,716	45,779
	9,688551	34,879	10,223923	36,806	10,748922	38,696	11,332444	40,797	12,718	45,785
	9,701088	34,924	10,237169	36,854	10,762318	38,744	11,346588	40,848	12,724	45,806
	9,704884	34,938	10,241177	36,868	10,766409	38,759	11,350907	40,863	12,727	45,816
	9,703894	34,934	10,240133	36,864	10,765347	38,755	11,349786	40,859	12,726	45,812
	9,705896	34,941	10,242248	36,872	10,767494	38,763	11,352053	40,867	12,727	45,817
	9,712986	34,967	10,249738	36,899	10,775039	38,79	11,360021	40,896	12,73	45,828
	9,714971	34,974	10,251834	36,907	10,777189	38,798	11,362288	40,904	12,732	45,835
	9,725185	35,011	10,262627	36,945	10,788123	38,837	11,373834	40,946	12,737	45,854
	9,728895	35,024	10,266546	36,96	10,792061	38,851	11,377993	40,961	12,738	45,857
0	9,786734	35,232	10,327527	37,179	10,853436	39,072	11,442795	41,194	12,76	45,937
0	9,78772	35,236	10,328568	37,183	10,854512	39,076	11,443929	41,198	12,761	45,941
0	9,798231	35,274	10,339667	37,223	10,865928	39,117	11,455975	41,242	12,773	45,982
0	9,792815	35,254	10,333948	37,202	10,859993	39,096	11,449714	41,219	12,766	45,957
0	9,793952	35,258	10,335151	37,207	10,861198	39,1	11,450987	41,224	12,766	45,957
0	9,787293	35,234	10,328116	37,181	10,854135	39,075	11,44353	41,197	12,764	45,949
0	9,791464	35,249	10,332519	37,197	10,858684	39,091	11,448328	41,214	12,769	45,969
0	9,79757	35,271	10,338969	37,22	10,865219	39,115	11,455227	41,239	12,772	45,978
0	9,784729	35,225	10,325408	37,171	10,851376	39,065	11,440618	41,186	12,762	45,943
0	9,811148	35,32	10,353313	37,272	10,87975	39,167	11,470568	41,294	12,779	46,006
0	9,826132	35,374	10,369142	37,329	10,895647	39,224	11,487352	41,354	12,784	46,022
0	9,829349	35,386	10,372539	37,341	10,899106	39,237	11,491002	41,368	12,786	46,029
0	9,853716	35,473	10,398275	37,434	10,925452	39,332	11,518808	41,468	12,808	46,107
0	9,809864	35,316	10,351965	37,267	10,878033	39,161	11,468767	41,288	12,768	45,966
0	9,84092	35,427	10,384769	37,385	10,911197	39,28	11,503776	41,414	12,784	46,022

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)
13,439	48,381	14,128	50,862	14,893	53,616	0,716	0,7559	0,5845	0,5846	16,897	492,067	85,64
13,428	48,339	14,118	50,823	14,882	53,575	0,714	0,7533	0,5825	0,5826	16,84	493,754	86,484
13,431	48,351	14,121	50,835	14,886	53,588	0,714	0,7535	0,5826	0,5828	16,844	493,628	86,373
13,426	48,334	14,116	50,818	14,88	53,57	0,713	0,7528	0,5821	0,5822	16,829	494,059	86,618
13,426	48,333	14,116	50,819	14,881	53,57	0,713	0,7523	0,5817	0,5819	16,818	494,382	86,77
13,436	48,371	14,126	50,855	14,891	53,609	0,715	0,7541	0,5831	0,5833	16,858	493,211	86,161
13,425	48,33	14,116	50,816	14,88	53,568	0,713	0,752	0,5815	0,5816	16,811	494,592	86,86
13,435	48,366	14,125	50,85	14,89	53,604	0,714	0,7535	0,5826	0,5828	16,845	493,597	86,353
13,436	48,368	14,126	50,852	14,89	53,606	0,714	0,7539	0,5829	0,5831	16,852	493,353	86,25
13,441	48,387	14,131	50,871	14,896	53,625	0,715	0,7544	0,5833	0,5834	16,864	493,071	86,095
13,432	48,357	14,123	50,842	14,887	53,595	0,714	0,7531	0,5823	0,5825	16,835	493,857	86,507
13,433	48,358	14,123	50,843	14,888	53,596	0,714	0,7532	0,5824	0,5825	16,837	493,836	86,475
13,448	48,412	14,138	50,895	14,903	53,651	0,716	0,7554	0,5841	0,5843	16,887	492,374	85,731
13,439	48,379	14,129	50,863	14,894	53,617	0,714	0,754	0,583	0,5832	16,855	493,288	86,21
13,441	48,388	14,131	50,871	14,896	53,626	0,715	0,7547	0,5836	0,5837	16,872	492,8	85,984
13,433	48,357	14,122	50,839	14,887	53,592	0,715	0,7549	0,5837	0,5839	16,876	492,686	85,975
13,424	48,327	14,115	50,812	14,879	53,564	0,713	0,7523	0,5817	0,5819	16,819	494,349	86,772
13,414	48,29	14,105	50,777	14,868	53,526	0,711	0,7507	0,5805	0,5806	16,783	495,414	87,327
13,414	48,289	14,104	50,776	14,868	53,525	0,711	0,7508	0,5805	0,5807	16,784	495,391	87,33
13,415	48,294	14,106	50,781	14,87	53,531	0,711	0,7504	0,5802	0,5804	16,775	495,656	87,449
13,417	48,302	14,108	50,789	14,872	53,539	0,711	0,7507	0,5804	0,5806	16,781	495,483	87,329
13,419	48,309	14,11	50,796	14,874	53,546	0,711	0,7505	0,5803	0,5805	16,778	495,55	87,332
13,425	48,33	14,116	50,817	14,88	53,568	0,712	0,7518	0,5813	0,5815	16,807	494,715	86,93
13,428	48,342	14,119	50,828	14,883	53,58	0,713	0,752	0,5815	0,5817	16,812	494,557	86,833
13,427	48,337	14,118	50,824	14,882	53,575	0,713	0,752	0,5815	0,5816	16,811	494,591	86,867
13,429	48,343	14,119	50,829	14,884	53,581	0,713	0,7522	0,5816	0,5817	16,815	494,483	86,811
13,432	48,354	14,122	50,839	14,887	53,592	0,713	0,7529	0,5822	0,5823	16,831	494,002	86,557
13,434	48,361	14,124	50,846	14,889	53,6	0,713	0,753	0,5822	0,5824	16,833	493,939	86,516
13,439	48,381	14,129	50,865	14,894	53,62	0,714	0,754	0,583	0,5831	16,855	493,313	86,214
13,44	48,385	14,13	50,868	14,895	53,623	0,715	0,7544	0,5833	0,5835	16,865	493	86,076
13,464	48,469	14,151	50,944	14,917	53,703	0,721	0,7608	0,5882	0,5884	17,006	488,919	84,01
13,465	48,473	14,152	50,948	14,919	53,707	0,721	0,7608	0,5883	0,5884	17,007	488,901	84
13,477	48,516	14,165	50,992	14,932	53,754	0,721	0,7611	0,5885	0,5886	17,013	488,723	83,817
13,469	48,49	14,157	50,965	14,924	53,725	0,721	0,761	0,5885	0,5886	17,012	488,853	83,867
13,469	48,49	14,157	50,965	14,924	53,725	0,721	0,7612	0,5886	0,5888	17,016	488,621	83,83
13,467	48,481	14,155	50,957	14,921	53,717	0,721	0,7605	0,588	0,5882	16,999	489,109	84,069
13,473	48,502	14,161	50,979	14,928	53,74	0,721	0,7604	0,588	0,5882	16,999	489,124	84,002
13,476	48,512	14,164	50,989	14,931	53,75	0,721	0,7611	0,5885	0,5886	17,013	488,721	83,842
13,465	48,475	14,153	50,951	14,92	53,71	0,72	0,7603	0,5879	0,588	16,995	489,24	84,124
13,484	48,541	14,171	51,017	14,939	53,78	0,722	0,7623	0,5894	0,5896	17,04	487,954	83,46
13,489	48,559	14,175	51,032	14,943	53,795	0,724	0,7641	0,5908	0,591	17,079	486,827	82,949
13,49	48,566	14,177	51,038	14,945	53,803	0,724	0,7643	0,591	0,5912	17,086	486,661	82,877
13,513	48,648	14,201	51,122	14,97	53,891	0,725	0,7655	0,5919	0,5921	17,112	485,899	82,414
13,472	48,5	14,159	50,972	14,926	53,732	0,723	0,7634	0,5903	0,5904	17,064	487,243	83,244
13,488	48,558	14,174	51,027	14,942	53,791	0,726	0,7664	0,5926	0,5928	17,131	485,363	82,363