

Vrijeme od	Vrijeme do	Oznaka mjesta uzorkovanja	Mjesto uzorkovanja	Vrsta mjesta uzorkovanja	Zadnja izmjena
01.08.2023 06:00	02.08.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	02.08.2023 07:55
02.08.2023 06:00	03.08.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	03.08.2023 07:55
03.08.2023 06:00	04.08.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	04.08.2023 07:55
04.08.2023 06:00	05.08.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	05.08.2023 15:49
05.08.2023 06:00	06.08.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	06.08.2023 07:55
06.08.2023 06:00	07.08.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	07.08.2023 07:55
07.08.2023 06:00	08.08.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	08.08.2023 07:55
08.08.2023 06:00	09.08.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	09.08.2023 07:55
09.08.2023 06:00	10.08.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	10.08.2023 07:55
10.08.2023 06:00	11.08.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	11.08.2023 07:55
11.08.2023 06:00	12.08.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	12.08.2023 07:55
12.08.2023 06:00	13.08.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	13.08.2023 07:55
13.08.2023 06:00	14.08.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	14.08.2023 07:55
14.08.2023 06:00	15.08.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	15.08.2023 07:55
15.08.2023 06:00	16.08.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	16.08.2023 07:55
01.08.2023 06:00	02.08.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	02.08.2023 07:55
02.08.2023 06:00	03.08.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	03.08.2023 07:55
03.08.2023 06:00	04.08.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	04.08.2023 07:55
04.08.2023 06:00	05.08.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	05.08.2023 15:49
05.08.2023 06:00	06.08.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	06.08.2023 07:55
06.08.2023 06:00	07.08.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	07.08.2023 07:55
07.08.2023 06:00	08.08.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	08.08.2023 07:55
08.08.2023 06:00	09.08.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	09.08.2023 07:55
09.08.2023 06:00	10.08.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	10.08.2023 07:55
10.08.2023 06:00	11.08.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	11.08.2023 07:55
11.08.2023 06:00	12.08.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	12.08.2023 07:55
12.08.2023 06:00	13.08.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	13.08.2023 07:55
13.08.2023 06:00	14.08.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	14.08.2023 07:55
14.08.2023 06:00	15.08.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	15.08.2023 07:55
15.08.2023 06:00	16.08.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	16.08.2023 07:55
01.08.2023 06:00	02.08.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	02.08.2023 07:55
02.08.2023 06:00	03.08.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	03.08.2023 07:55
03.08.2023 06:00	04.08.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	04.08.2023 07:55
04.08.2023 06:00	05.08.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	05.08.2023 15:49
05.08.2023 06:00	06.08.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	06.08.2023 07:55
06.08.2023 06:00	07.08.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	07.08.2023 07:55
07.08.2023 06:00	08.08.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	08.08.2023 07:55
08.08.2023 06:00	09.08.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	09.08.2023 07:55
09.08.2023 06:00	10.08.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	10.08.2023 07:55
10.08.2023 06:00	11.08.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	11.08.2023 07:55
11.08.2023 06:00	12.08.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	12.08.2023 07:55
12.08.2023 06:00	13.08.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	13.08.2023 07:55
13.08.2023 06:00	14.08.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	14.08.2023 07:55
14.08.2023 06:00	15.08.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	15.08.2023 07:55
15.08.2023 06:00	16.08.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	16.08.2023 07:55

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 %)
1,630	0,186	93,438	4,128	0,462	0,617	0,082	0,048	0,006	0,009	0	-	0,009	-	-	-
1,572	0,127	94,097	3,679	0,374	0,525	0,097	0,038	0,004	0,007	0	-	0,006	-	-	-
2,071	0,198	92,955	4,138	0,485	0,638	0,083	0,047	0,006	0,009	0	-	0,009	-	-	-
1,931	0,140	93,223	4,158	0,417	0,548	0,079	0,035	0,004	0,007	0	-	0,006	-	-	-
2,407	0,215	91,523	5,243	0,505	0,612	0,045	0,038	0,007	0,010	0	-	0,008	-	-	-
2,919	0,065	92,270	4,226	0,441	0,521	0,044	0,026	0,002	0,004	0	-	0,003	-	-	-
0,500	0,005	96,104	3,125	0,132	0,265	0,114	0,014	0,001	0,003	0	-	0,001	-	-	-
0,481	0,003	96,144	3,110	0,130	0,263	0,115	0,014	0,001	0,003	0	-	0,001	-	-	-
0,425	0	96,221	3,101	0,117	0,253	0,119	0,012	0	0,002	0	-	0,001	-	-	-
1,461	0,066	94,486	3,578	0,282	0,409	0,093	0,024	0,002	0,004	0	-	0,004	-	-	-
1,105	0,124	94,309	4,012	0,308	0,450	0,097	0,029	0,004	0,007	0	-	0,005	-	-	-
0,758	0,093	95,010	3,754	0,239	0,384	0,108	0,024	0,003	0,006	0	-	0,004	-	-	-
0,370	0,055	95,817	3,427	0,178	0,330	0,124	0,020	0,002	0,004	0	-	0,003	-	-	-
0,361	0	96,404	2,970	0,169	0,264	0,060	0,022	0,002	0,005	0	-	0,005	-	-	-
0,769	0	95,869	3,020	0,240	0,341	0,040	0,033	0,006	0,010	0,001	-	0,012	-	-	-
2,693	0,294	91,479	4,677	0,685	0,857	0,070	0,069	0,009	0,013	0	-	0,011	-	-	-
2,977	0,268	91,486	4,438	0,669	0,831	0,064	0,066	0,008	0,012	0	-	0,011	-	-	-
2,744	0,270	91,428	4,784	0,627	0,775	0,060	0,057	0,008	0,012	0	-	0,010	-	-	-
2,993	0,185	91,299	4,849	0,568	0,673	0,043	0,041	0,006	0,009	0	-	0,006	-	-	-
2,776	0,174	91,416	5,031	0,509	0,602	0,039	0,035	0,006	0,008	0	-	0,005	-	-	-
3,572	0,092	91,186	4,592	0,497	0,557	0,024	0,026	0,003	0,004	0	-	0,003	-	-	-
3,525	0,142	91,196	4,514	0,539	0,623	0,033	0,035	0,004	0,006	0	-	0,005	-	-	-
4,043	0,036	91,063	4,300	0,513	0,557	0,016	0,023	0,002	0,002	0	-	0,001	-	-	-
4,227	0	91,162	4,177	0,416	0,434	0,006	0,012	0	0,001	0	-	0	-	-	-
3,311	0,203	91,271	4,504	0,596	0,711	0,046	0,046	0,006	0,009	0	-	0,008	-	-	-
2,276	0,240	91,569	5,287	0,512	0,629	0,049	0,041	0,008	0,011	0	-	0,007	-	-	-
1,757	0,387	91,689	5,367	0,617	0,799	0,077	0,064	0,012	0,016	0	-	0,013	-	-	-
4,147	0,017	91,130	4,221	0,455	0,484	0,010	0,016	0,001	0,001	0	-	0,001	-	-	-
4,181	0,002	90,739	4,312	0,586	0,766	0,061	0,057	0,018	0,022	0	-	0,022	-	-	-
4,273	0,002	91,187	4,103	0,403	0,435	0,007	0,014	0,001	0,001	0	-	0,009	-	-	-
0,108	0,004	96,629	2,818	0,303	0,441	0,061	0,061	0,004	0,009	0	0,004	-	0	0	0
0,216	0,001	96,521	2,904	0,222	0,358	0,084	0,042	0,002	0,006	0	0,002	-	0	0	0
0,283	0	96,452	2,959	0,173	0,306	0,097	0,030	0,001	0,004	0	0,001	-	0	0	0
0,494	0,028	96,058	3,089	0,198	0,332	0,097	0,030	0,002	0,004	0	0,001	-	0	0	0
0,395	0,012	96,262	3,030	0,171	0,301	0,097	0,027	0,001	0,004	0	0,001	-	0	0	0
0,676	0,019	95,786	3,202	0,196	0,316	0,089	0,025	0,002	0,004	0	0,001	-	0	0	0
0,833	0,021	95,556	3,265	0,210	0,326	0,084	0,025	0,002	0,004	0	0,001	-	0	0	0
0,571	0,015	95,944	3,124	0,216	0,347	0,090	0,033	0,002	0,005	0	0,001	-	0	0	0
0,569	0,004	96,032	3,144	0,142	0,252	0,092	0,014	0,001	0,003	0	0	-	0	0	0
0,647	0	95,945	3,155	0,146	0,253	0,091	0,014	0,001	0,003	0	0	-	0	0	0
1,156	0,067	94,891	3,508	0,263	0,378	0,081	0,025	0,003	0,005	0	0,001	-	0	0	0
1,126	0,093	94,577	3,809	0,279	0,394	0,078	0,026	0,003	0,006	0	0,002	-	0	0	0
0,763	0,072	95,223	3,593	0,228	0,348	0,088	0,023	0,003	0,005	0	0,002	-	0	0	0
0,546	0,036	95,774	3,348	0,184	0,297	0,086	0,019	0,002	0,004	0	0,001	-	0	0	0
0,583	0,022	95,925	3,181	0,195	0,290	0,062	0,023	0,002	0,005	0	0,002	-	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	Wd(kWh/m3) @25/0	Wd(Mj/m3) @25/0
9,687480	34,875	10,222862	36,802	10,743876	38,678	11,327235	40,778	45,389	47,891	12,608	13,303
9,650649	34,742	10,183942	36,662	10,704850	38,537	11,286014	40,630	45,369	47,870	12,603	13,297
9,655126	34,758	10,188690	36,679	10,708930	38,552	11,290349	40,645	45,299	47,796	12,583	13,277
9,652736	34,750	10,186173	36,670	10,705693	38,540	11,286951	40,633	45,230	47,723	12,564	13,256
9,689385	34,882	10,224938	36,810	10,742891	38,674	11,326300	40,775	45,068	47,552	12,519	13,209
9,562711	34,426	10,091145	36,328	10,605830	38,181	11,181634	40,254	44,688	47,151	12,413	13,097
9,681598	34,854	10,216523	36,779	10,742439	38,673	11,325528	40,772	45,948	48,481	12,763	13,467
9,682283	34,856	10,217245	36,782	10,743257	38,676	11,326388	40,775	45,960	48,493	12,767	13,470
9,685705	34,869	10,220855	36,795	10,747129	38,690	11,330468	40,790	45,991	48,526	12,775	13,479
9,639850	34,703	10,172513	36,621	10,693913	38,498	11,274437	40,588	45,430	47,934	12,619	13,315
9,708089	34,949	10,244574	36,880	10,768132	38,765	11,352758	40,870	45,682	48,200	12,689	13,389
9,714839	34,973	10,251672	36,906	10,776767	38,796	11,361821	40,903	45,858	48,385	12,738	13,440
9,723267	35,004	10,260538	36,938	10,787388	38,835	11,372975	40,943	46,058	48,596	12,794	13,499
9,682074	34,855	10,217013	36,781	10,743489	38,677	11,326616	40,776	46,010	48,545	12,780	13,485
9,660674	34,778	10,194445	36,700	10,719071	38,589	11,300870	40,683	45,798	48,322	12,722	13,423
9,654840	34,757	10,188490	36,679	10,704557	38,536	11,285891	40,629	44,834	47,305	12,454	13,140
9,607727	34,588	10,138742	36,499	10,653120	38,351	11,231618	40,434	44,636	47,096	12,399	13,082
9,629789	34,667	10,162034	36,583	10,676862	38,437	11,256664	40,524	44,739	47,205	12,428	13,113
9,615638	34,616	10,147080	36,529	10,661813	38,383	11,240773	40,467	44,697	47,161	12,416	13,100
9,639467	34,702	10,172232	36,620	10,688188	38,477	11,268588	40,567	44,840	47,312	12,456	13,142
9,529350	34,306	10,055961	36,201	10,567546	38,043	11,141306	40,109	44,339	46,783	12,316	12,995
9,535352	34,327	10,061193	36,220	10,572825	38,062	11,148103	40,133	44,337	46,781	12,316	12,995
9,466649	34,080	9,989759	35,963	10,498826	37,796	11,068807	39,848	44,053	46,481	12,237	12,911
9,423069	33,923	9,943733	35,797	10,451573	37,626	11,018937	39,668	43,907	46,327	12,196	12,869
9,565056	34,434	10,093683	36,337	10,606372	38,183	11,182295	40,256	44,452	46,902	12,348	13,028
9,705919	34,941	10,242397	36,873	10,761035	38,740	11,345410	40,843	45,141	47,628	12,539	13,230
9,778861	35,204	10,319438	37,150	10,840563	39,026	11,429385	41,146	45,411	47,914	12,614	13,310
9,440696	33,987	9,962350	35,864	10,470698	37,695	11,039121	39,741	43,967	46,390	12,213	12,886
9,504886	34,218	10,029774	36,107	10,539442	37,942	11,111278	40,001	44,099	46,530	12,250	12,925
9,415690	33,896	9,936148	35,770	10,443697	37,597	11,010417	39,637	43,872	46,290	12,187	12,858
9,723473	35,005	10,260605	36,938	10,788665	38,839	11,374282	40,947	46,199	48,744	12,833	13,540
9,707029	34,945	10,243241	36,876	10,770648	38,774	11,355274	40,879	46,122	48,663	12,812	13,517
9,696528	34,907	10,232153	36,836	10,759143	38,733	11,343136	40,835	46,072	48,611	12,798	13,503
9,687540	34,875	10,222681	36,802	10,748628	38,695	11,332067	40,795	45,948	48,480	12,763	13,467
9,689070	34,881	10,224286	36,807	10,750690	38,702	11,334228	40,803	46,003	48,537	12,778	13,483
9,676092	34,834	10,210600	36,758	10,735711	38,649	11,318449	40,746	45,854	48,381	12,737	13,439
9,666761	34,800	10,200757	36,723	10,725125	38,610	11,307293	40,706	45,769	48,291	12,714	13,414
9,685897	34,869	10,220950	36,795	10,746629	38,688	11,329963	40,788	45,921	48,451	12,756	13,459
9,672992	34,823	10,207313	36,746	10,732841	38,638	11,315403	40,735	45,902	48,431	12,751	13,453
9,666715	34,800	10,200689	36,722	10,725837	38,613	11,308018	40,709	45,859	48,386	12,739	13,440
9,657705	34,768	10,191224	36,688	10,714050	38,571	11,295649	40,664	45,589	48,101	12,664	13,361
9,683004	34,859	10,217948	36,785	10,741169	38,668	11,324277	40,767	45,639	48,153	12,677	13,376
9,696871	34,909	10,232563	36,837	10,757454	38,727	11,341421	40,829	45,830	48,355	12,730	13,432
9,694300	34,899	10,229824	36,827	10,755637	38,720	11,339470	40,822	45,936	48,467	12,760	13,463
9,677696	34,840	10,212286	36,764	10,737764	38,656	11,320604	40,754	45,895	48,423	12,749	13,451

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)
13,983	50,339	14,740	53,065	0,724	0,7636	0,5904	0,5906	17,070	487,148	84,332
13,979	50,325	14,736	53,050	0,719	0,7584	0,5864	0,5866	16,955	490,426	85,647
13,955	50,239	14,711	52,959	0,722	0,7616	0,5888	0,5890	17,133	485,325	84,174
13,934	50,164	14,689	52,881	0,724	0,7637	0,5905	0,5907	17,072	487,236	84,703
13,880	49,968	14,632	52,674	0,734	0,7747	0,5990	0,5992	17,313	480,268	82,229
13,767	49,562	14,513	52,246	0,727	0,7677	0,5936	0,5938	17,163	484,559	84,529
14,162	50,983	14,929	53,743	0,705	0,7442	0,5754	0,5756	16,637	499,786	88,209
14,166	50,996	14,933	53,757	0,705	0,7439	0,5752	0,5754	16,631	499,966	88,259
14,175	51,031	14,943	53,794	0,704	0,7434	0,5748	0,5750	16,620	500,290	88,333
13,999	50,398	14,757	53,127	0,715	0,7547	0,5836	0,5837	16,873	492,835	86,477
14,075	50,670	14,837	53,414	0,717	0,7570	0,5853	0,5855	16,922	491,346	85,299
14,131	50,870	14,896	53,625	0,713	0,7523	0,5817	0,5818	16,817	494,457	86,233
14,194	51,099	14,963	53,865	0,708	0,7470	0,5776	0,5778	16,700	497,910	87,199
14,182	51,054	14,949	53,818	0,703	0,7422	0,5739	0,5741	16,594	501,073	88,569
14,115	50,816	14,880	53,567	0,707	0,7459	0,5768	0,5769	16,676	498,673	87,959
13,808	49,708	14,556	52,400	0,736	0,7773	0,6010	0,6012	17,376	478,514	82,186
13,748	49,493	14,493	52,173	0,736	0,7766	0,6004	0,6006	17,360	478,959	82,711
13,779	49,606	14,526	52,292	0,736	0,7765	0,6004	0,6006	17,363	478,878	82,320
13,766	49,558	14,512	52,244	0,735	0,7757	0,5998	0,6000	17,341	479,464	82,609
13,811	49,718	14,559	52,411	0,734	0,7746	0,5989	0,5991	17,316	480,175	82,666
13,658	49,170	14,398	51,833	0,734	0,7742	0,5986	0,5988	17,308	480,398	83,582
13,657	49,167	14,398	51,834	0,734	0,7751	0,5993	0,5995	17,328	479,836	83,428
13,571	48,856	14,306	51,502	0,733	0,7740	0,5985	0,5986	17,304	480,502	84,149
13,528	48,699	14,260	51,336	0,731	0,7720	0,5969	0,5971	17,252	481,990	84,957
13,692	49,291	14,433	51,960	0,735	0,7761	0,6001	0,6002	17,348	479,276	83,203
13,902	50,048	14,655	52,758	0,734	0,7749	0,5992	0,5993	17,322	479,999	82,041
13,984	50,341	14,741	53,068	0,736	0,7772	0,6010	0,6011	17,373	478,589	81,325
13,545	48,764	14,279	51,404	0,732	0,7728	0,5975	0,5977	17,277	481,253	84,648
13,584	48,901	14,319	51,547	0,738	0,7785	0,6019	0,6021	17,403	477,932	83,041
13,517	48,661	14,249	51,296	0,732	0,7720	0,5970	0,5971	17,258	481,780	85,017
14,239	51,260	15,010	54,035	0,704	0,7425	0,5741	0,5743	16,599	500,918	87,920
14,215	51,175	14,985	53,946	0,703	0,7424	0,5741	0,5742	16,598	500,940	88,171
14,200	51,121	14,969	53,889	0,703	0,7424	0,5741	0,5742	16,598	500,948	88,344
14,161	50,981	14,928	53,741	0,706	0,7450	0,5761	0,5762	16,656	499,186	87,901
14,179	51,043	14,946	53,807	0,705	0,7435	0,5749	0,5751	16,622	500,204	88,214
14,132	50,876	14,897	53,630	0,707	0,7463	0,5771	0,5772	16,685	498,320	87,724
14,106	50,780	14,869	53,530	0,708	0,7477	0,5781	0,5783	16,715	497,431	87,536
14,153	50,950	14,919	53,709	0,707	0,7457	0,5766	0,5767	16,670	498,763	87,743
14,148	50,932	14,914	53,689	0,705	0,7443	0,5755	0,5757	16,640	499,678	88,267
14,134	50,883	14,899	53,638	0,706	0,7447	0,5759	0,5760	16,650	499,380	88,233
14,049	50,575	14,809	53,313	0,713	0,7522	0,5816	0,5818	16,816	494,445	86,720
14,063	50,626	14,824	53,367	0,715	0,7545	0,5834	0,5835	16,867	492,950	85,986
14,123	50,842	14,887	53,595	0,711	0,7504	0,5802	0,5804	16,775	495,664	86,690
14,157	50,965	14,923	53,724	0,707	0,7465	0,5772	0,5774	16,688	498,225	87,522
14,145	50,922	14,911	53,679	0,706	0,7453	0,5763	0,5764	16,661	499,031	87,923