

Vrijeme od	Vrijeme do	Oznaka mjesta uzorkovanja	Mjesto uzorkovanja	Vrsta mjesta uzorkovanja	Zadnja izmjena
01.08.2024 06:00	02.08.2024 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	02.08.2024 07:55
02.08.2024 06:00	03.08.2024 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	03.08.2024 07:55
03.08.2024 06:00	04.08.2024 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	04.08.2024 07:55
04.08.2024 06:00	05.08.2024 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	05.08.2024 07:55
05.08.2024 06:00	06.08.2024 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	06.08.2024 07:55
06.08.2024 06:00	07.08.2024 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	07.08.2024 07:55
07.08.2024 06:00	08.08.2024 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	08.08.2024 07:55
08.08.2024 06:00	09.08.2024 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	09.08.2024 07:55
09.08.2024 06:00	10.08.2024 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	10.08.2024 07:55
10.08.2024 06:00	11.08.2024 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	11.08.2024 07:55
11.08.2024 06:00	12.08.2024 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	12.08.2024 07:55
12.08.2024 06:00	13.08.2024 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	13.08.2024 07:55
13.08.2024 06:00	14.08.2024 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	14.08.2024 07:55
14.08.2024 06:00	15.08.2024 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	15.08.2024 07:55
15.08.2024 06:00	16.08.2024 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	16.08.2024 07:55
01.08.2024 06:00	02.08.2024 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	02.08.2024 07:55
02.08.2024 06:00	03.08.2024 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	03.08.2024 07:55
03.08.2024 06:00	04.08.2024 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	04.08.2024 07:55
04.08.2024 06:00	05.08.2024 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	05.08.2024 07:55
05.08.2024 06:00	06.08.2024 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	06.08.2024 07:55
06.08.2024 06:00	07.08.2024 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	07.08.2024 07:55
07.08.2024 06:00	08.08.2024 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	08.08.2024 07:55
08.08.2024 06:00	09.08.2024 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	09.08.2024 07:55
09.08.2024 06:00	10.08.2024 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	10.08.2024 07:55
10.08.2024 06:00	11.08.2024 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	11.08.2024 07:55
11.08.2024 06:00	12.08.2024 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	12.08.2024 07:55
12.08.2024 06:00	13.08.2024 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	13.08.2024 07:55
13.08.2024 06:00	14.08.2024 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	14.08.2024 07:55
14.08.2024 06:00	15.08.2024 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	15.08.2024 07:55
15.08.2024 06:00	16.08.2024 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	16.08.2024 07:55
01.08.2024 06:00	02.08.2024 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	02.08.2024 07:55
02.08.2024 06:00	03.08.2024 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	03.08.2024 07:55
03.08.2024 06:00	04.08.2024 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	04.08.2024 07:55
04.08.2024 06:00	05.08.2024 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	05.08.2024 07:55
05.08.2024 06:00	06.08.2024 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	06.08.2024 07:55
06.08.2024 06:00	07.08.2024 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	07.08.2024 07:55
07.08.2024 06:00	08.08.2024 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	08.08.2024 07:55
08.08.2024 06:00	09.08.2024 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	09.08.2024 07:55
09.08.2024 06:00	10.08.2024 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	10.08.2024 07:55
10.08.2024 06:00	11.08.2024 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	11.08.2024 07:55
11.08.2024 06:00	12.08.2024 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	12.08.2024 07:55
12.08.2024 06:00	13.08.2024 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	13.08.2024 07:55
13.08.2024 06:00	14.08.2024 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	14.08.2024 07:55
14.08.2024 06:00	15.08.2024 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	15.08.2024 07:55
15.08.2024 06:00	16.08.2024 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	16.08.2024 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 %)
0,115	0	97,253	2,374	0,208	0,259	0,016	0,024	0,003	0,006	0	0,002	-	0	0	0
0,106	0	97,388	2,222	0,229	0,284	0,018	0,026	0,003	0,006	0	0,001	-	0	0	0
0,097	0	97,485	2,118	0,242	0,299	0,019	0,028	0,003	0,006	0	0,001	-	0	0	0
0,230	0	97,539	1,901	0,269	0,330	0,020	0,030	0,003	0,006	0	0,001	-	0	0	0
0,233	0	97,791	1,622	0,290	0,354	0,021	0,032	0,003	0,006	0	0,001	-	0	0	0
0,171	0	97,276	2,252	0,244	0,301	0,019	0,028	0,003	0,006	0	0,001	-	0	0	0
0,129	0	97,373	2,195	0,246	0,304	0,019	0,028	0,003	0,006	0	0,001	-	0	0	0
0,065	0	97,856	1,741	0,275	0,337	0,021	0,031	0,003	0,006	0	0,001	-	0	0	0
0,032	0	98,103	1,507	0,293	0,358	0,022	0,033	0,004	0,006	0	0,001	-	0	0	0
0,047	0	97,973	1,628	0,287	0,352	0,021	0,033	0,004	0,006	0	0,001	-	0	0	0
0,055	0	97,880	1,717	0,284	0,348	0,021	0,032	0,004	0,006	0	0,001	-	0	0	0
0,082	0	97,654	1,932	0,270	0,332	0,020	0,031	0,003	0,006	0	0,001	-	0	0	0
0,081	0	97,732	1,867	0,260	0,320	0,020	0,030	0,003	0,006	0	0,001	-	0	0	0
0,047	0	98,063	1,562	0,267	0,329	0,021	0,031	0,004	0,006	0	0,001	-	0	0	0
0,052	0	98,003	1,618	0,265	0,327	0,020	0,031	0,004	0,006	0	0,001	-	0	0	0
0,869	0,009	96,902	1,816	0,329	0,403	0,026	0,035	0,003	0,006	0	-	0,004	-	-	-
0,653	0,008	97,276	1,674	0,316	0,389	0,026	0,035	0,003	0,006	0	-	0,004	-	-	-
1,370	0,017	96,211	1,977	0,349	0,426	0,025	0,037	0,003	0,007	0	-	0,005	-	-	-
2,344	0,029	94,752	2,403	0,391	0,472	0,025	0,039	0,003	0,007	0	-	0,006	-	-	-
1,026	0,012	96,723	1,825	0,339	0,414	0,026	0,036	0,003	0,006	0	-	0,004	-	-	-
2,236	0,028	94,926	2,351	0,379	0,459	0,025	0,038	0,003	0,007	0	-	0,006	-	-	-
2,888	0,041	93,977	2,583	0,420	0,511	0,027	0,044	0,003	0,008	0	-	0,008	-	-	-
2,571	0,037	94,429	2,466	0,409	0,498	0,027	0,043	0,003	0,008	0	-	0,008	-	-	-
1,196	0,014	96,442	1,918	0,354	0,431	0,027	0,037	0,003	0,006	0	-	0,005	-	-	-
2,143	0,025	94,992	2,361	0,397	0,479	0,026	0,039	0,003	0,007	0	-	0,006	-	-	-
2,202	0,026	94,892	2,396	0,402	0,485	0,026	0,040	0,003	0,007	0	-	0,006	-	-	-
1,388	0,017	96,206	1,953	0,358	0,436	0,026	0,038	0,003	0,007	0	-	0,005	-	-	-
2,538	0,027	94,442	2,516	0,398	0,476	0,024	0,038	0,003	0,007	0	-	0,006	-	-	-
1,866	0,022	95,530	2,146	0,360	0,436	0,024	0,036	0,003	0,007	0	-	0,006	-	-	-
0,009	0	98,362	1,271	0,287	0,358	0,026	0,033	0,003	0,006	0	-	0,003	-	-	-
4,673	0,050	90,867	3,862	0,471	0,548	0,020	0,038	0,003	0,009	0	-	0,008	-	-	-
4,564	0,060	91,390	3,443	0,456	0,543	0,022	0,043	0,003	0,010	0	-	0,009	-	-	-
4,527	0,056	91,495	3,364	0,473	0,559	0,022	0,043	0,003	0,009	0	-	0,008	-	-	-
4,466	0,055	91,580	3,333	0,479	0,566	0,023	0,044	0,003	0,009	0	-	0,008	-	-	-
4,508	0,055	91,523	3,348	0,480	0,566	0,023	0,043	0,003	0,009	0	-	0,008	-	-	-
4,492	0,057	91,626	3,283	0,457	0,542	0,022	0,042	0,003	0,009	0	-	0,009	-	-	-
4,478	0,064	91,642	3,229	0,489	0,588	0,026	0,049	0,003	0,010	0	-	0,010	-	-	-
4,589	0,058	91,382	3,393	0,489	0,579	0,024	0,045	0,003	0,009	0	-	0,009	-	-	-
4,659	0,054	91,262	3,453	0,485	0,572	0,024	0,043	0,003	0,009	0	-	0,008	-	-	-
4,624	0,054	91,258	3,473	0,502	0,590	0,024	0,044	0,003	0,009	0	-	0,008	-	-	-
4,532	0,054	91,440	3,398	0,488	0,576	0,023	0,044	0,003	0,009	0	-	0,008	-	-	-
4,558	0,056	91,401	3,401	0,494	0,584	0,024	0,045	0,003	0,009	0	-	0,008	-	-	-
4,594	0,050	91,283	3,497	0,493	0,576	0,022	0,042	0,003	0,008	0	-	0,007	-	-	-
2,577	0,031	94,442	2,460	0,409	0,490	0,025	0,040	0,003	0,007	0	-	0,005	-	-	-
0,095	0,001	98,242	1,301	0,292	0,361	0,025	0,033	0,003	0,006	0	-	0,002	-	-	-

NCV (kWh/m ³) @15/15	NCV (MJ/m ³) @15/15	NCV (kWh/m ³) @25/0	NCV (MJ/m ³) @25/0	GCV (kWh/m ³) @15/15	GCV (MJ/m ³) @15/15	GCV (kWh/m ³) @25/0	GCV (MJ/m ³) @25/0	Wd(kWh/m ³) @15/15	Wd(MJ/m ³) @15/15	Wd(kWh/m ³) @25/0	Wd(MJ/m ³) @25/0
9,656747	34,764	10,179999	36,684	10,717810	38,581	11,298556	40,675	46,059	48,596	12,794	13,499
9,650488	34,740	10,173400	36,659	10,710863	38,556	11,291232	40,648	46,048	48,586	12,791	13,496
9,646134	34,724	10,168811	36,642	10,706031	38,539	11,286139	40,630	46,042	48,579	12,790	13,494
9,622742	34,638	10,144151	36,551	10,680068	38,445	11,258769	40,532	45,936	48,467	12,760	13,463
9,606065	34,576	10,126571	36,486	10,661559	38,379	11,239257	40,461	45,899	48,427	12,750	13,452
9,649152	34,736	10,171992	36,655	10,709380	38,551	11,289669	40,643	46,019	48,554	12,783	13,487
9,649485	34,737	10,172343	36,655	10,709750	38,552	11,290059	40,644	46,037	48,573	12,788	13,493
9,628044	34,656	10,149741	36,570	10,685953	38,466	11,264973	40,554	46,016	48,551	12,782	13,486
9,617515	34,616	10,138641	36,528	10,674268	38,424	11,252654	40,510	46,007	48,541	12,780	13,484
9,623797	34,640	10,145264	36,553	10,681240	38,449	11,260004	40,536	46,014	48,549	12,782	13,486
9,628945	34,659	10,150690	36,573	10,686953	38,470	11,266027	40,558	46,022	48,558	12,784	13,488
9,639287	34,698	10,161592	36,615	10,698431	38,511	11,278127	40,601	46,034	48,570	12,787	13,492
9,633002	34,675	10,154967	36,590	10,691456	38,486	11,270774	40,575	46,020	48,556	12,783	13,488
9,615724	34,610	10,136753	36,521	10,672279	38,417	11,250558	40,502	45,997	48,531	12,777	13,481
9,618847	34,622	10,140045	36,534	10,675746	38,430	11,254212	40,515	46,001	48,536	12,778	13,482
9,567032	34,438	10,085423	36,341	10,618237	38,223	11,193588	40,297	45,549	48,059	12,652	13,350
9,575375	34,467	10,094218	36,371	10,627497	38,256	11,203349	40,332	45,655	48,171	12,682	13,381
9,533922	34,321	10,050519	36,217	10,581490	38,090	11,154849	40,157	45,268	47,763	12,574	13,267
9,478160	34,125	9,991735	36,011	10,519600	37,867	11,089606	39,923	44,756	47,222	12,432	13,117
9,554214	34,392	10,071910	36,292	10,604011	38,173	11,178591	40,243	45,457	47,962	12,627	13,323
9,482816	34,141	9,996644	36,035	10,524769	37,894	11,095054	39,942	44,824	47,294	12,451	13,137
9,446078	34,012	9,957914	35,891	10,483993	37,739	11,052069	39,787	44,471	46,922	12,353	13,034
9,464924	34,079	9,977782	35,962	10,504910	37,815	11,074120	39,867	44,636	47,096	12,399	13,082
9,547223	34,368	10,064541	36,267	10,596252	38,143	11,170411	40,213	45,371	47,872	12,603	13,298
9,495435	34,187	10,009946	36,076	10,538773	37,936	11,109818	39,995	44,870	47,343	12,464	13,151
9,493283	34,180	10,007678	36,068	10,536385	37,928	11,107301	39,986	44,843	47,315	12,456	13,143
9,532111	34,315	10,048610	36,210	10,579479	38,083	11,152730	40,150	45,258	47,752	12,572	13,265
9,468236	34,091	9,981273	35,974	10,508586	37,828	11,077994	39,881	44,656	47,117	12,405	13,088
9,500156	34,201	10,014923	36,091	10,544013	37,955	11,115342	40,015	45,006	47,487	12,502	13,191
9,603497	34,563	10,123863	36,473	10,658709	38,369	11,236252	40,451	45,985	48,519	12,774	13,478
9,370816	33,754	9,878575	35,619	10,400462	37,438	10,964012	39,470	43,602	46,006	12,112	12,779
9,350460	33,677	9,857115	35,538	10,377869	37,357	10,940195	39,385	43,589	45,992	12,108	12,775
9,350932	33,677	9,857613	35,539	10,378393	37,359	10,940747	39,387	43,606	46,010	12,113	12,781
9,355325	33,694	9,862244	35,556	10,383268	37,376	10,945887	39,405	43,640	46,045	12,122	12,790
9,352359	33,683	9,859118	35,544	10,379977	37,365	10,942417	39,393	43,618	46,021	12,116	12,784
9,345552	33,658	9,851942	35,517	10,372422	37,337	10,934453	39,364	43,607	46,010	12,113	12,781
9,350348	33,676	9,856997	35,536	10,377744	37,356	10,940064	39,384	43,619	46,023	12,116	12,784
9,349994	33,676	9,856625	35,536	10,377352	37,355	10,939650	39,383	43,580	45,983	12,105	12,773
9,346481	33,663	9,852921	35,523	10,373452	37,341	10,935539	39,368	43,549	45,949	12,097	12,764
9,353971	33,691	9,860817	35,553	10,381766	37,371	10,944303	39,399	43,579	45,981	12,105	12,773
9,355265	33,694	9,862181	35,556	10,383202	37,376	10,945817	39,405	43,616	46,020	12,116	12,783
9,354148	33,691	9,861004	35,552	10,381962	37,372	10,944510	39,400	43,603	46,006	12,112	12,779
9,356290	33,699	9,863262	35,561	10,384340	37,380	10,947016	39,409	43,598	46,001	12,111	12,778
9,462256	34,070	9,974970	35,952	10,501949	37,805	11,070999	39,856	44,632	47,094	12,398	13,082
9,597533	34,542	10,117577	36,450	10,652090	38,345	11,229275	40,425	45,936	48,467	12,760	13,463

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)
14,199	51,116	14,968	53,883	0,698	0,7367	0,5697	0,5698	16,471	504,789	90,155
14,196	51,106	14,965	53,873	0,697	0,7361	0,5692	0,5693	16,456	505,248	90,399
14,195	51,101	14,963	53,867	0,697	0,7356	0,5688	0,5689	16,445	505,587	90,578
14,163	50,985	14,929	53,745	0,697	0,7353	0,5686	0,5687	16,440	505,823	90,955
14,152	50,946	14,918	53,704	0,695	0,7339	0,5675	0,5676	16,408	506,724	91,562
14,187	51,072	14,955	53,837	0,698	0,7368	0,5698	0,5699	16,474	504,721	90,220
14,193	51,093	14,961	53,859	0,698	0,7363	0,5693	0,5695	16,460	505,097	90,352
14,188	51,075	14,956	53,840	0,695	0,7335	0,5672	0,5673	16,400	506,982	91,348
14,185	51,068	14,953	53,832	0,694	0,7322	0,5661	0,5663	16,369	507,929	91,864
14,187	51,074	14,955	53,839	0,694	0,7329	0,5667	0,5669	16,386	507,404	91,571
14,189	51,082	14,958	53,847	0,695	0,7335	0,5672	0,5673	16,399	507,019	91,351
14,192	51,092	14,961	53,858	0,696	0,7348	0,5682	0,5683	16,427	506,141	90,874
14,189	51,079	14,957	53,844	0,696	0,7342	0,5677	0,5679	16,415	506,536	91,106
14,182	51,057	14,950	53,821	0,694	0,7322	0,5662	0,5663	16,370	507,902	91,866
14,184	51,061	14,951	53,825	0,694	0,7326	0,5664	0,5666	16,378	507,658	91,729
14,043	50,554	14,803	53,291	0,701	0,7394	0,5717	0,5719	16,531	503,021	90,772
14,076	50,675	14,838	53,418	0,698	0,7371	0,5700	0,5701	16,480	504,540	91,224
13,955	50,240	14,711	52,959	0,704	0,7435	0,5749	0,5750	16,622	500,240	90,192
13,795	49,664	14,542	52,352	0,713	0,7521	0,5816	0,5817	16,816	494,579	88,833
14,014	50,452	14,774	53,188	0,702	0,7404	0,5725	0,5726	16,555	502,322	90,687
13,817	49,741	14,559	52,413	0,711	0,7508	0,5805	0,5809	16,791	495,278	89,018
13,707	49,344	14,449	52,016	0,717	0,7568	0,5852	0,5853	16,923	491,451	88,128
13,758	49,529	14,503	52,210	0,715	0,7543	0,5832	0,5834	16,863	493,258	88,528
13,988	50,355	14,745	53,081	0,703	0,7422	0,5739	0,5740	16,594	501,134	90,342
13,831	49,791	14,580	52,487	0,711	0,7508	0,5806	0,5807	16,787	495,343	88,894
13,822	49,761	14,571	52,454	0,712	0,7515	0,5811	0,5812	16,801	494,949	88,776
13,952	50,229	14,708	52,948	0,705	0,7436	0,5749	0,5751	16,624	500,205	90,207
13,764	49,552	14,509	52,234	0,714	0,7539	0,5829	0,5831	16,856	493,392	88,520
13,874	49,947	14,625	52,650	0,708	0,7474	0,5779	0,5781	16,710	497,879	89,755
14,180	51,048	14,947	53,811	0,692	0,7306	0,5649	0,5651	16,335	509,004	92,509
13,434	48,362	14,161	50,980	0,734	0,7750	0,5993	0,5994	17,327	479,851	84,843
13,431	48,353	14,159	50,971	0,731	0,7720	0,5969	0,5971	17,259	481,746	85,757
13,437	48,372	14,164	50,991	0,731	0,7714	0,5964	0,5966	17,246	482,114	85,887
13,447	48,410	14,175	51,031	0,730	0,7709	0,5961	0,5963	17,236	482,382	85,928
13,440	48,384	14,168	51,004	0,731	0,7713	0,5964	0,5965	17,244	482,181	85,890
13,437	48,374	14,165	50,993	0,730	0,7705	0,5958	0,5959	17,226	482,668	86,146
13,441	48,387	14,169	51,007	0,730	0,7708	0,5960	0,5962	17,234	482,441	86,031
13,428	48,342	14,155	50,959	0,732	0,7722	0,5971	0,5972	17,265	481,593	85,712
13,418	48,306	14,145	50,922	0,732	0,7728	0,5975	0,5977	17,275	481,319	85,616
13,428	48,339	14,155	50,957	0,732	0,7730	0,5977	0,5978	17,282	481,118	85,492
13,439	48,382	14,167	51,001	0,731	0,7718	0,5968	0,5969	17,256	481,839	85,733
13,435	48,367	14,163	50,985	0,732	0,7721	0,5970	0,5972	17,263	481,648	85,681
13,434	48,361	14,161	50,979	0,732	0,7727	0,5974	0,5976	17,275	481,306	85,521
13,757	49,525	14,502	52,208	0,714	0,7540	0,5830	0,5832	16,855	493,554	88,635
14,165	50,993	14,931	53,753	0,693	0,7313	0,5655	0,5656	16,350	508,536	92,417