

Vrijeme od	Vrijeme do	Oznaka mjesta uzorkovanja	Mjesto uzorkovanja	Vrsta mjesta uzorkovanja	Zadnja izmjena
01.12.2023 06:00	02.12.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	02.12.2023 07:55
02.12.2023 06:00	03.12.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	03.12.2023 07:55
03.12.2023 06:00	04.12.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	04.12.2023 07:55
04.12.2023 06:00	05.12.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	05.12.2023 07:55
05.12.2023 06:00	06.12.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	06.12.2023 07:55
06.12.2023 06:00	07.12.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	07.12.2023 07:55
07.12.2023 06:00	08.12.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	08.12.2023 07:55
08.12.2023 06:00	09.12.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	09.12.2023 07:55
09.12.2023 06:00	10.12.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	10.12.2023 07:55
10.12.2023 06:00	11.12.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	11.12.2023 07:55
11.12.2023 06:00	12.12.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	12.12.2023 07:55
12.12.2023 06:00	13.12.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	13.12.2023 07:55
13.12.2023 06:00	14.12.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	14.12.2023 07:55
14.12.2023 06:00	15.12.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	15.12.2023 07:55
15.12.2023 06:00	16.12.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	16.12.2023 07:55
01.12.2023 06:00	02.12.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	02.12.2023 07:55
02.12.2023 06:00	03.12.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	03.12.2023 07:55
03.12.2023 06:00	04.12.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	04.12.2023 07:55
04.12.2023 06:00	05.12.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	05.12.2023 07:55
05.12.2023 06:00	06.12.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	06.12.2023 07:55
06.12.2023 06:00	07.12.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	07.12.2023 07:55
07.12.2023 06:00	08.12.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	08.12.2023 07:55
08.12.2023 06:00	09.12.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	09.12.2023 07:55
09.12.2023 06:00	10.12.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	10.12.2023 07:55
10.12.2023 06:00	11.12.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	11.12.2023 07:55
11.12.2023 06:00	12.12.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	12.12.2023 07:55
12.12.2023 06:00	13.12.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	13.12.2023 07:55
13.12.2023 06:00	14.12.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	14.12.2023 07:55
14.12.2023 06:00	15.12.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	15.12.2023 07:55
15.12.2023 06:00	16.12.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	16.12.2023 07:55
01.12.2023 06:00	02.12.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	02.12.2023 07:55
02.12.2023 06:00	03.12.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	03.12.2023 07:55
03.12.2023 06:00	04.12.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	04.12.2023 07:55
04.12.2023 06:00	05.12.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	05.12.2023 07:55
05.12.2023 06:00	06.12.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	06.12.2023 07:55
06.12.2023 06:00	07.12.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	07.12.2023 07:55
07.12.2023 06:00	08.12.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	08.12.2023 07:55
08.12.2023 06:00	09.12.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	09.12.2023 07:55
09.12.2023 06:00	10.12.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	10.12.2023 07:55
10.12.2023 06:00	11.12.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	11.12.2023 07:55
11.12.2023 06:00	12.12.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	12.12.2023 07:55
12.12.2023 06:00	13.12.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	13.12.2023 07:55
13.12.2023 06:00	14.12.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	14.12.2023 07:55
14.12.2023 06:00	15.12.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	15.12.2023 07:55
15.12.2023 06:00	16.12.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	16.12.2023 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 %)
0,198	0,059	95,549	3,483	0,521	0,710	0,084	0,091	0,004	0,008	0	0,002	-	0	0	0
0,177	0,051	95,649	3,487	0,473	0,636	0,073	0,079	0,004	0,007	0	0,001	-	0	0	0
0,187	0,058	95,575	3,501	0,502	0,679	0,078	0,086	0,004	0,008	0	0,002	-	0	0	0
0,180	0,063	95,609	3,496	0,481	0,652	0,075	0,084	0,004	0,007	0	0,002	-	0	0	0
0,093	0,019	96,092	3,429	0,284	0,368	0,036	0,040	0,002	0,004	0	0,001	-	0	0	0
0,088	0,018	96,066	3,459	0,287	0,369	0,036	0,040	0,002	0,004	0	0,001	-	0	0	0
0,048	0,007	96,777	2,904	0,196	0,265	0,024	0,032	0,003	0,006	0	0,004	-	0	0	0
0,137	0,041	96,211	3,028	0,427	0,584	0,064	0,074	0,005	0,010	0	0,005	-	0	0	0
0,130	0,040	96,246	3,010	0,417	0,574	0,063	0,075	0,005	0,010	0	0,005	-	0	0	0
0,103	0,026	96,480	2,905	0,357	0,487	0,051	0,060	0,005	0,009	0	0,005	-	0	0	0
0,103	0,025	96,451	2,921	0,367	0,500	0,053	0,061	0,005	0,009	0	0,005	-	0	0	0
0,103	0,028	96,440	2,929	0,366	0,501	0,053	0,062	0,005	0,009	0	0,005	-	0	0	0
0,100	0,025	96,446	2,932	0,365	0,498	0,053	0,060	0,005	0,010	0	0,005	-	0	0	0
0,105	0,025	96,362	2,981	0,391	0,526	0,054	0,061	0,005	0,010	0	0,005	-	0	0	0
0,127	0,036	96,318	2,964	0,406	0,555	0,060	0,069	0,005	0,010	0	0,005	-	0	0	0
0,058	0	96,514	3,264	0,133	0,164	0,013	0,014	0,001	0,002	0	-	0,001	-	-	-
0,053	0	96,495	3,287	0,134	0,165	0,013	0,014	0,001	0,002	0	-	0,001	-	-	-
0,049	0	96,484	3,302	0,134	0,166	0,013	0,014	0,001	0,002	0	-	0,001	-	-	-
0,050	0,003	96,434	3,322	0,151	0,190	0,017	0,017	0,001	0,002	0	-	0,001	-	-	-
0,046	0,004	96,407	3,348	0,155	0,196	0,018	0,018	0,001	0,002	0	-	0,001	-	-	-
0,032	0	96,429	3,369	0,137	0,170	0,014	0,014	0,001	0,002	0	-	0,001	-	-	-
0,031	0	96,935	2,817	0,155	0,217	0,021	0,025	0,003	0,006	0,001	-	0,006	-	-	-
0,038	0,001	97,144	2,572	0,169	0,246	0,026	0,030	0,003	0,008	0,001	-	0,009	-	-	-
0,046	0,005	97,052	2,613	0,196	0,284	0,031	0,035	0,003	0,008	0,001	-	0,009	-	-	-
0,036	0,002	97,127	2,582	0,174	0,254	0,027	0,032	0,003	0,008	0,001	-	0,009	-	-	-
0,065	0,013	96,807	2,740	0,264	0,376	0,045	0,045	0,004	0,009	0,001	-	0,009	-	-	-
0,035	0,003	97,074	2,615	0,187	0,272	0,030	0,034	0,003	0,008	0,001	-	0,009	-	-	-
0,026	0	97,141	2,588	0,167	0,245	0,026	0,031	0,003	0,008	0,001	-	0,009	-	-	-
0,027	0	97,129	2,599	0,167	0,245	0,025	0,031	0,003	0,008	0,001	-	0,009	-	-	-
0,042	0,001	97,190	2,527	0,163	0,240	0,025	0,030	0,003	0,008	0,001	-	0,009	-	-	-
0,059	0	96,523	3,257	0,132	0,162	0,012	0,013	0,001	0,002	0	-	0,001	-	-	-
0,053	0	96,470	3,315	0,133	0,162	0,012	0,013	0,001	0,002	0	-	0,001	-	-	-
0,050	0	96,474	3,314	0,133	0,163	0,013	0,014	0,001	0,002	0	-	0,001	-	-	-
0,045	0	96,489	3,302	0,134	0,164	0,013	0,014	0,001	0,002	0	-	0,001	-	-	-
0,039	0	96,465	3,331	0,135	0,165	0,013	0,014	0,001	0,002	0	-	0,001	-	-	-
0,033	0	96,425	3,375	0,136	0,167	0,013	0,014	0,001	0,002	0	-	0,001	-	-	-
0,032	0	96,850	2,912	0,151	0,206	0,019	0,023	0,002	0,006	0	-	0,004	-	-	-
0,035	0	97,170	2,561	0,161	0,233	0,024	0,029	0,004	0,008	0,001	-	0,007	-	-	-
0,034	0	97,183	2,548	0,162	0,235	0,024	0,029	0,004	0,008	0,001	-	0,007	-	-	-
0,032	0	97,164	2,568	0,162	0,235	0,024	0,029	0,004	0,008	0,001	-	0,007	-	-	-
0,032	0,001	97,147	2,578	0,168	0,243	0,025	0,030	0,004	0,008	0,001	-	0,007	-	-	-
0,031	0,001	97,132	2,589	0,171	0,247	0,026	0,031	0,004	0,008	0,001	-	0,007	-	-	-
0,027	0	97,139	2,592	0,166	0,241	0,025	0,030	0,004	0,008	0,001	-	0,007	-	-	-
0,026	0	97,125	2,608	0,166	0,241	0,025	0,030	0,004	0,008	0,001	-	0,007	-	-	-
0,041	0,001	97,190	2,532	0,162	0,236	0,024	0,030	0,004	0,008	0,001	-	0,007	-	-	-

NCV (kWh/m <sup>3</sup> ) @15/15	NCV (MJ/m <sup>3</sup> ) @15/15	NCV (kWh/m <sup>3</sup> ) @25/0	NCV (MJ/m <sup>3</sup> ) @25/0	GCV (kWh/m <sup>3</sup> ) @15/15	GCV (MJ/m <sup>3</sup> ) @15/15	GCV (kWh/m <sup>3</sup> ) @25/0	GCV (MJ/m <sup>3</sup> ) @25/0	Wd(kWh/m <sup>3</sup> ) @15/15	Wd(Mj/m <sup>3</sup> ) @15/15	Wd(kWh/m <sup>3</sup> ) @25/0	Wd(Mj/m <sup>3</sup> ) @25/0
9,801723	35,286	10,343279	37,236	10,871981	39,139	11,462257	41,264	46,290	48,840	12,858	13,567
9,792134	35,252	10,333144	37,199	10,861810	39,103	11,451513	41,225	46,284	48,835	12,857	13,565
9,798838	35,276	10,340229	37,225	10,868933	39,128	11,459037	41,253	46,289	48,840	12,858	13,567
9,794284	35,259	10,335417	37,207	10,864059	39,111	11,453890	41,234	46,280	48,830	12,855	13,564
9,753055	35,111	10,291846	37,051	10,820344	38,953	11,407713	41,068	46,258	48,807	12,850	13,558
9,756061	35,122	10,295019	37,062	10,823587	38,965	11,411135	41,080	46,268	48,817	12,852	13,560
9,703894	34,934	10,239912	36,864	10,767879	38,764	11,352324	40,868	46,182	48,726	12,828	13,535
9,755332	35,119	10,294266	37,059	10,822566	38,961	11,410081	41,076	46,230	48,777	12,842	13,549
9,753299	35,112	10,292118	37,052	10,820415	38,953	11,407810	41,068	46,229	48,776	12,841	13,549
9,734542	35,044	10,272299	36,980	10,800463	38,882	11,386739	40,992	46,210	48,756	12,836	13,543
9,738172	35,057	10,276132	36,994	10,804357	38,896	11,390849	41,007	46,218	48,765	12,838	13,546
9,738715	35,059	10,276707	36,996	10,804932	38,898	11,391457	41,009	46,218	48,765	12,838	13,546
9,738917	35,060	10,276920	36,997	10,805169	38,899	11,391706	41,010	46,221	48,768	12,839	13,547
9,746448	35,087	10,284875	37,026	10,813217	38,928	11,400202	41,041	46,234	48,782	12,843	13,551
9,747096	35,090	10,285564	37,028	10,813793	38,930	11,400816	41,043	46,219	48,766	12,839	13,546
9,711921	34,963	10,248509	36,895	10,776575	38,796	11,361498	40,901	46,199	48,745	12,833	13,540
9,714259	34,971	10,250978	36,904	10,779100	38,805	11,364163	40,911	46,206	48,753	12,835	13,542
9,715916	34,977	10,252727	36,910	10,780892	38,811	11,366052	40,918	46,212	48,758	12,837	13,544
9,721245	34,996	10,258358	36,930	10,786587	38,832	11,372067	40,939	46,220	48,768	12,839	13,547
9,724501	35,008	10,261798	36,942	10,790090	38,844	11,375765	40,953	46,229	48,776	12,841	13,549
9,723119	35,003	10,260327	36,937	10,788661	38,839	11,374254	40,947	46,234	48,782	12,843	13,550
9,692786	34,894	10,228309	36,822	10,756200	38,722	11,339990	40,824	46,170	48,714	12,825	13,532
9,680127	34,848	10,214932	36,774	10,742612	38,673	11,325648	40,772	46,140	48,683	12,817	13,523
9,688463	34,878	10,223739	36,805	10,751501	38,705	11,335036	40,806	46,151	48,695	12,820	13,526
9,682383	34,857	10,219097	36,789	10,746831	38,689	11,328205	40,782	46,145	48,688	12,818	13,524
9,710511	34,958	10,247033	36,889	10,774909	38,790	11,359753	40,895	46,184	48,730	12,829	13,536
9,687742	34,876	10,222976	36,803	10,750771	38,703	11,334263	40,803	46,155	48,699	12,821	13,527
9,682546	34,857	10,217470	36,783	10,745250	38,683	11,328415	40,782	46,150	48,694	12,820	13,526
9,683111	34,859	10,218143	36,785	10,745850	38,685	11,329065	40,785	46,151	48,694	12,820	13,526
9,675390	34,831	10,209907	36,756	10,737496	38,655	11,320249	40,753	46,128	48,670	12,813	13,519
9,710759	34,959	10,247282	36,890	10,775328	38,791	11,360148	40,897	46,196	48,742	12,832	13,540
9,715741	34,977	10,252500	36,909	10,780687	38,810	11,365838	40,917	46,209	48,756	12,836	13,543
9,716112	34,978	10,252935	36,911	10,781098	38,812	11,366272	40,919	46,212	48,759	12,837	13,544
9,715839	34,977	10,252647	36,910	10,780822	38,811	11,365980	40,918	46,213	48,760	12,837	13,544
9,718706	34,987	10,255674	36,920	10,783918	38,822	11,369243	40,929	46,221	48,769	12,839	13,547
9,722820	35,002	10,260020	36,936	10,788345	38,838	11,373919	40,946	46,233	48,781	12,842	13,550
9,697287	34,910	10,233054	36,839	10,761009	38,740	11,345066	40,842	46,179	48,724	12,828	13,535
9,676937	34,837	10,211560	36,762	10,739202	38,661	11,322068	40,759	46,135	48,677	12,815	13,521
9,676375	34,835	10,210971	36,759	10,738605	38,659	11,321417	40,757	46,134	48,676	12,815	13,521
9,678201	34,842	10,212895	36,766	10,740568	38,666	11,323489	40,765	46,139	48,681	12,816	13,523
9,680149	34,849	10,214954	36,774	10,742654	38,674	11,325692	40,772	46,142	48,685	12,817	13,524
9,681783	34,854	10,216680	36,780	10,744410	38,680	11,327546	40,779	46,146	48,689	12,818	13,525
9,681615	34,854	10,216502	36,779	10,744246	38,679	11,327372	40,779	46,148	48,691	12,819	13,525
9,682776	34,858	10,217732	36,784	10,745496	38,684	11,328688	40,783	46,151	48,694	12,820	13,526
9,671903	34,819	10,209265	36,753	10,736849	38,653	11,316308	40,739	46,118	48,669	12,811	13,519

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)
14,262	51,344	15,034	54,124	0,712	0,7515	0,5811	0,5812	16,800	494,924	85,310
14,261	51,340	15,033	54,120	0,711	0,7502	0,5801	0,5802	16,771	495,774	85,648
14,262	51,344	15,035	54,124	0,712	0,7511	0,5808	0,5809	16,790	495,206	85,418
14,260	51,335	15,032	54,114	0,711	0,7507	0,5805	0,5806	16,781	495,476	85,554
14,256	51,320	15,028	54,099	0,706	0,7451	0,5761	0,5763	16,656	499,186	87,117
14,258	51,330	15,030	54,109	0,706	0,7452	0,5762	0,5764	16,660	499,089	87,044
14,235	51,245	15,005	54,020	0,701	0,7400	0,5722	0,5724	16,544	502,576	88,744
14,246	51,287	15,018	54,064	0,707	0,7463	0,5771	0,5772	16,685	498,340	86,784
14,246	51,287	15,018	54,063	0,707	0,7461	0,5769	0,5770	16,678	498,522	86,866
14,242	51,270	15,013	54,046	0,705	0,7438	0,5751	0,5753	16,628	500,030	87,523
14,244	51,278	15,015	54,055	0,705	0,7441	0,5754	0,5755	16,635	499,843	87,416
14,244	51,278	15,015	54,054	0,705	0,7442	0,5754	0,5756	16,637	499,785	87,395
14,245	51,282	15,016	54,058	0,705	0,7441	0,5754	0,5755	16,635	499,829	87,396
14,249	51,295	15,020	54,072	0,706	0,7448	0,5759	0,5761	16,651	499,348	87,150
14,244	51,278	15,015	54,054	0,706	0,7454	0,5764	0,5765	16,664	498,959	87,059
14,240	51,264	15,011	54,039	0,702	0,7407	0,5727	0,5729	16,559	502,115	88,785
14,242	51,271	15,013	54,047	0,702	0,7408	0,5728	0,5730	16,562	502,029	88,726
14,244	51,277	15,015	54,053	0,702	0,7409	0,5729	0,5730	16,564	501,974	88,685
14,246	51,285	15,017	54,062	0,703	0,7414	0,5733	0,5735	16,576	501,611	88,466
14,248	51,294	15,020	54,071	0,703	0,7417	0,5735	0,5736	16,581	501,458	88,364
14,250	51,300	15,022	54,078	0,702	0,7413	0,5732	0,5733	16,572	501,708	88,500
14,232	51,235	15,002	54,009	0,700	0,7387	0,5712	0,5713	16,515	503,453	89,297
14,223	51,204	14,993	53,976	0,699	0,7377	0,5704	0,5706	16,493	504,113	89,614
14,226	51,215	14,997	53,988	0,700	0,7386	0,5711	0,5713	16,512	503,562	89,304
14,225	51,211	14,996	53,984	0,699	0,7379	0,5707	0,5707	16,497	503,988	89,545
14,235	51,247	15,006	54,022	0,702	0,7409	0,5729	0,5731	16,565	501,948	88,546
14,228	51,220	14,998	53,993	0,700	0,7384	0,5710	0,5711	16,508	503,657	89,365
14,227	51,216	14,997	53,988	0,699	0,7378	0,5705	0,5706	16,494	504,090	89,566
14,227	51,216	14,997	53,989	0,699	0,7378	0,5705	0,5707	16,496	504,044	89,543
14,220	51,191	14,990	53,963	0,699	0,7374	0,5702	0,5703	16,486	504,343	89,768
14,239	51,261	15,010	54,036	0,702	0,7406	0,5727	0,5728	16,557	502,176	88,831
14,243	51,274	15,014	54,050	0,702	0,7409	0,5729	0,5731	16,565	501,944	88,694
14,244	51,277	15,015	54,053	0,702	0,7409	0,5729	0,5731	16,564	501,955	88,690
14,244	51,279	15,015	54,055	0,702	0,7408	0,5728	0,5730	16,562	502,010	88,706
14,247	51,287	15,018	54,064	0,702	0,7410	0,5730	0,5731	16,566	501,898	88,631
14,250	51,299	15,021	54,077	0,702	0,7413	0,5732	0,5733	16,572	501,716	88,518
14,235	51,245	15,005	54,019	0,700	0,7391	0,5715	0,5716	16,523	503,196	89,187
14,222	51,199	14,992	53,971	0,699	0,7374	0,5702	0,5703	16,486	504,327	89,734
14,222	51,198	14,992	53,970	0,699	0,7374	0,5702	0,5703	16,485	504,370	89,753
14,223	51,203	14,993	53,975	0,699	0,7375	0,5703	0,5704	16,488	504,283	89,699
14,224	51,207	14,994	53,979	0,699	0,7377	0,5704	0,5705	16,492	504,167	89,635
14,225	51,211	14,995	53,983	0,699	0,7378	0,5705	0,5706	16,495	504,073	89,577
14,226	51,213	14,996	53,986	0,699	0,7377	0,5704	0,5706	16,493	504,133	89,596
14,227	51,216	14,997	53,989	0,699	0,7378	0,5705	0,5706	16,495	504,073	89,561
14,217	51,181	14,989	53,962	0,699	0,7373	0,5700	0,5703	16,484	504,389	89,787