

Vrijeme od	Vrijeme do	Oznaka mjesta uzorkovanja	Mjesto uzorkovanja	Vrsta mjesta uzorkovanja	Zadnja izmjena
16.12.2023 06:00	17.12.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	02.01.2024 08:29
17.12.2023 06:00	18.12.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	02.01.2024 08:29
18.12.2023 06:00	19.12.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	02.01.2024 08:29
19.12.2023 06:00	20.12.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	02.01.2024 08:29
20.12.2023 06:00	21.12.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	02.01.2024 08:29
21.12.2023 06:00	22.12.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	02.01.2024 08:29
22.12.2023 06:00	23.12.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	02.01.2024 08:29
23.12.2023 06:00	24.12.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	02.01.2024 08:29
24.12.2023 06:00	25.12.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	02.01.2024 08:29
25.12.2023 06:00	26.12.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	02.01.2024 08:29
26.12.2023 06:00	27.12.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	02.01.2024 08:29
27.12.2023 06:00	28.12.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	02.01.2024 08:29
28.12.2023 06:00	29.12.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	02.01.2024 08:29
29.12.2023 06:00	30.12.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	02.01.2024 08:29
30.12.2023 06:00	31.12.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	02.01.2024 08:29
31.12.2023 06:00	01.01.2024 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	02.01.2024 08:29
16.12.2023 06:00	17.12.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	02.01.2024 08:29
17.12.2023 06:00	18.12.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	02.01.2024 08:29
18.12.2023 06:00	19.12.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	02.01.2024 08:29
19.12.2023 06:00	20.12.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	02.01.2024 08:29
20.12.2023 06:00	21.12.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	02.01.2024 08:29
21.12.2023 06:00	22.12.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	02.01.2024 08:29
22.12.2023 06:00	23.12.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	02.01.2024 08:29
23.12.2023 06:00	24.12.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	02.01.2024 08:29
24.12.2023 06:00	25.12.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	02.01.2024 08:29
25.12.2023 06:00	26.12.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	02.01.2024 08:29
26.12.2023 06:00	27.12.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	02.01.2024 08:29
27.12.2023 06:00	28.12.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	02.01.2024 08:29
28.12.2023 06:00	29.12.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	02.01.2024 08:29
29.12.2023 06:00	30.12.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	02.01.2024 08:29
30.12.2023 06:00	31.12.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	02.01.2024 08:29
31.12.2023 06:00	01.01.2024 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	02.01.2024 08:29
16.12.2023 06:00	17.12.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	02.01.2024 08:29
17.12.2023 06:00	18.12.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	02.01.2024 08:29
18.12.2023 06:00	19.12.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	02.01.2024 08:29
19.12.2023 06:00	20.12.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	02.01.2024 08:29
20.12.2023 06:00	21.12.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	02.01.2024 08:29
21.12.2023 06:00	22.12.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	02.01.2024 08:29
22.12.2023 06:00	23.12.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	02.01.2024 08:29
23.12.2023 06:00	24.12.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	02.01.2024 08:29
24.12.2023 06:00	25.12.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	02.01.2024 08:29
25.12.2023 06:00	26.12.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	02.01.2024 08:29
26.12.2023 06:00	27.12.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	02.01.2024 08:29
27.12.2023 06:00	28.12.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	02.01.2024 08:29
28.12.2023 06:00	29.12.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	02.01.2024 08:29
29.12.2023 06:00	30.12.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	02.01.2024 08:29
30.12.2023 06:00	31.12.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	02.01.2024 08:29
31.12.2023 06:00	01.01.2024 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	02.01.2024 08:29

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 %)
0,029	0,003	97,054	2,650	0,189	0,265	0,024	0,034	0,004	0,009	0	0,006	-	0	0	0
0,089	0,014	96,489	2,927	0,360	0,480	0,047	0,053	0,005	0,010	0	0,005	-	0	0	0
0,088	0,021	96,397	3,014	0,356	0,480	0,048	0,057	0,005	0,010	0	0,005	-	0	0	0
0,095	0,020	96,334	3,075	0,358	0,478	0,046	0,054	0,005	0,009	0	0,005	-	0	0	0
0,139	0,040	96,119	3,132	0,420	0,570	0,061	0,070	0,005	0,010	0	0,005	-	0	0	0
0,092	0,022	96,479	2,987	0,309	0,420	0,042	0,051	0,005	0,009	0	0,005	-	0	0	0
0,051	0,004	96,765	2,878	0,225	0,302	0,026	0,034	0,004	0,008	0	0,006	-	0	0	0
0,089	0,009	96,437	3,022	0,338	0,442	0,040	0,044	0,005	0,009	0	0,005	-	0	0	0
0,048	0,002	96,842	2,832	0,203	0,276	0,023	0,032	0,004	0,008	0	0,006	-	0	0	0
0,039	0	96,899	2,816	0,180	0,246	0,020	0,028	0,004	0,008	0	0,006	-	0	0	0
0,046	0	96,888	2,821	0,179	0,244	0,019	0,028	0,004	0,008	0	0,006	-	0	0	0
0,034	0	96,834	2,883	0,183	0,249	0,019	0,029	0,004	0,008	0	0,006	-	0	0	0
0,038	0	96,721	2,954	0,216	0,287	0,023	0,031	0,004	0,008	0	0,006	-	0	0	0
0,029	0	96,721	2,973	0,206	0,277	0,022	0,030	0,004	0,008	0	0,006	-	0	0	0
0,020	0	96,739	2,982	0,190	0,259	0,020	0,030	0,004	0,008	0	0,006	-	0	0	0
0,026	0	97,151	2,538	0,218	0,284	0,021	0,030	0,004	0,007	0	0,004	-	0	0	0
0,022	0	97,107	2,622	0,169	0,249	0,026	0,031	0,004	0,008	0,001	-	0,009	-	-	-
0,030	0,001	97,125	2,598	0,168	0,247	0,026	0,031	0,003	0,008	0,001	-	0,009	-	-	-
0,023	0	96,991	2,733	0,175	0,253	0,025	0,031	0,004	0,008	0,001	-	0,009	-	-	-
0,034	0	96,916	2,797	0,178	0,252	0,024	0,029	0,004	0,008	0,001	-	0,009	-	-	-
0,046	0,001	96,948	2,757	0,175	0,248	0,024	0,028	0,004	0,008	0,001	-	0,009	-	-	-
0,061	0,010	96,726	2,874	0,234	0,329	0,036	0,038	0,004	0,008	0,001	-	0,009	-	-	-
0,037	0,001	96,888	2,817	0,182	0,257	0,025	0,029	0,004	0,008	0,001	-	0,009	-	-	-
0,043	0,001	96,928	2,779	0,176	0,249	0,024	0,028	0,004	0,008	0,001	-	0,009	-	-	-
0,039	0,001	96,909	2,799	0,178	0,251	0,024	0,029	0,004	0,008	0,001	-	0,009	-	-	-
0,037	0,001	96,883	2,826	0,179	0,253	0,024	0,029	0,004	0,008	0,001	-	0,009	-	-	-
0,045	0,001	96,874	2,829	0,178	0,251	0,024	0,028	0,004	0,008	0,001	-	0,009	-	-	-
0,032	0,001	96,817	2,893	0,183	0,257	0,024	0,029	0,004	0,008	0,001	-	0,009	-	-	-
0,029	0,001	96,794	2,917	0,184	0,259	0,025	0,029	0,004	0,008	0,001	-	0,009	-	-	-
0,024	0	96,760	2,953	0,186	0,262	0,025	0,030	0,004	0,008	0,001	-	0,009	-	-	-
0,019	0	96,719	2,995	0,189	0,266	0,025	0,030	0,004	0,008	0,001	-	0,009	-	-	-
0,026	0	97,194	2,485	0,221	0,295	0,025	0,031	0,003	0,007	0,001	-	0,007	-	-	-
0,022	0	97,108	2,625	0,168	0,244	0,025	0,031	0,004	0,008	0,001	-	0,008	-	-	-
0,031	0,001	97,134	2,593	0,167	0,242	0,025	0,030	0,004	0,008	0,001	-	0,008	-	-	-
0,023	0	97,020	2,708	0,173	0,249	0,025	0,030	0,004	0,008	0,001	-	0,008	-	-	-
0,033	0	96,930	2,788	0,177	0,248	0,024	0,028	0,004	0,008	0	-	0,007	-	-	-
0,045	0,001	96,955	2,755	0,174	0,244	0,023	0,028	0,004	0,008	0	-	0,007	-	-	-
0,039	0	96,935	2,779	0,176	0,247	0,023	0,028	0,004	0,008	0	-	0,007	-	-	-
0,036	0	96,907	2,807	0,178	0,250	0,024	0,028	0,004	0,008	0	-	0,007	-	-	-
0,044	0,001	96,933	2,777	0,175	0,245	0,023	0,028	0,004	0,008	0	-	0,007	-	-	-
0,039	0,001	96,905	2,808	0,176	0,247	0,023	0,028	0,004	0,008	0	-	0,007	-	-	-
0,038	0,001	96,884	2,829	0,177	0,249	0,023	0,028	0,004	0,008	0	-	0,007	-	-	-
0,044	0,001	96,868	2,839	0,177	0,247	0,023	0,028	0,004	0,008	0	-	0,007	-	-	-
0,034	0,001	96,821	2,893	0,180	0,252	0,024	0,028	0,004	0,008	0	-	0,007	-	-	-
0,030	0	96,799	2,915	0,182	0,255	0,024	0,029	0,004	0,008	0	-	0,007	-	-	-
0,025	0	96,765	2,952	0,185	0,258	0,024	0,029	0,004	0,008	0	-	0,007	-	-	-
0,021	0	96,731	2,987	0,187	0,261	0,024	0,029	0,004	0,008	0	-	0,008	-	-	-
0,024	0	97,001	2,696	0,206	0,278	0,025	0,030	0,004	0,008	0	-	0,006	-	-	-

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
9,688503	34,879	10,223655	36,805	10,751482	38,705	11,335015	40,806	46,160	48,704	12,822	13,529
9,737132	35,054	10,275029	36,990	10,803332	38,892	11,389760	41,003	46,229	48,776	12,841	13,549
9,743426	35,076	10,281680	37,014	10,810056	38,916	11,396861	41,029	46,238	48,786	12,844	13,552
9,746597	35,088	10,285029	37,026	10,813432	38,928	11,400424	41,042	46,243	48,791	12,845	13,553
9,760555	35,138	10,299781	37,079	10,828156	38,981	11,415979	41,098	46,241	48,789	12,845	13,552
9,730975	35,032	10,268528	36,967	10,796691	38,868	11,382753	40,978	46,210	48,756	12,836	13,543
9,708801	34,952	10,245097	36,882	10,773143	38,783	11,357882	40,888	46,193	48,738	12,831	13,538
9,737753	35,056	10,275683	36,992	10,804010	38,894	11,390474	41,006	46,233	48,781	12,843	13,550
9,701489	34,925	10,237373	36,855	10,765324	38,755	11,349628	40,859	46,180	48,724	12,828	13,535
9,696485	34,907	10,232086	36,836	10,760002	38,736	11,344008	40,838	46,175	48,719	12,826	13,533
9,695814	34,905	10,231377	36,833	10,759254	38,733	11,343219	40,836	46,170	48,714	12,825	13,532
9,702474	34,929	10,238411	36,858	10,766437	38,759	11,350800	40,863	46,189	48,734	12,830	13,537
9,713421	34,968	10,249974	36,900	10,778153	38,801	11,363167	40,907	46,210	48,757	12,836	13,543
9,714081	34,971	10,250670	36,902	10,778890	38,804	11,363945	40,910	46,215	48,762	12,838	13,545
9,712720	34,966	10,249233	36,897	10,777464	38,799	11,362438	40,905	46,216	48,763	12,838	13,545
9,682502	34,857	10,217315	36,782	10,745072	38,682	11,328247	40,782	46,150	48,693	12,819	13,526
9,685966	34,869	10,221097	36,796	10,748925	38,696	11,332311	40,796	46,159	48,703	12,822	13,529
9,683125	34,859	10,218157	36,785	10,745913	38,685	11,329133	40,785	46,149	48,693	12,819	13,526
9,694729	34,901	10,230354	36,829	10,758311	38,730	11,342220	40,832	46,177	48,722	12,827	13,534
9,697961	34,913	10,233768	36,842	10,761717	38,742	11,345817	40,845	46,179	48,724	12,828	13,535
9,692960	34,895	10,228487	36,823	10,756325	38,723	11,340126	40,824	46,163	48,707	12,823	13,530
9,713061	34,967	10,249723	36,899	10,777778	38,800	11,362779	40,906	46,193	48,739	12,831	13,539
9,699849	34,919	10,235762	36,849	10,763738	38,749	11,347950	40,853	46,181	48,726	12,828	13,535
9,695109	34,902	10,230756	36,831	10,758638	38,731	11,342567	40,833	46,169	48,713	12,825	13,531
9,697413	34,911	10,233189	36,839	10,761121	38,740	11,345188	40,843	46,176	48,720	12,827	13,533
9,699812	34,919	10,235724	36,849	10,763699	38,749	11,347909	40,852	46,181	48,727	12,828	13,535
9,698911	34,916	10,234773	36,845	10,762704	38,746	11,346860	40,849	46,176	48,721	12,827	13,534
9,706076	34,942	10,242340	36,872	10,770431	38,774	11,355015	40,878	46,197	48,743	12,833	13,540
9,708346	34,950	10,244737	36,881	10,772870	38,782	11,357590	40,887	46,203	48,749	12,834	13,541
9,712597	34,965	10,248707	36,895	10,776919	38,797	11,361863	40,903	46,214	48,761	12,837	13,545
9,716423	34,979	10,253269	36,912	10,781564	38,814	11,366767	40,920	46,224	48,772	12,840	13,548
9,681252	34,853	10,216119	36,778	10,743864	38,678	11,326969	40,777	46,147	48,690	12,819	13,525
9,685060	34,866	10,220140	36,793	10,747955	38,693	11,331286	40,793	46,157	48,701	12,821	13,528
9,681446	34,853	10,216323	36,779	10,744049	38,679	11,327164	40,778	46,146	48,689	12,818	13,525
9,691698	34,890	10,227152	36,818	10,755063	38,718	11,338803	40,820	46,171	48,715	12,825	13,532
9,696275	34,907	10,231987	36,835	10,759927	38,736	11,343926	40,838	46,176	48,721	12,827	13,534
9,691784	34,890	10,227244	36,818	10,755067	38,718	11,338797	40,820	46,161	48,705	12,823	13,529
9,694586	34,901	10,230203	36,829	10,758093	38,729	11,341990	40,831	46,170	48,714	12,825	13,532
9,697506	34,911	10,233288	36,840	10,761233	38,740	11,345305	40,843	46,177	48,722	12,827	13,534
9,693830	34,898	10,229405	36,826	10,757246	38,726	11,341097	40,828	46,166	48,710	12,824	13,531
9,696884	34,909	10,232631	36,837	10,760554	38,738	11,344588	40,841	46,174	48,719	12,826	13,533
9,698786	34,916	10,234608	36,845	10,762596	38,745	11,346744	40,848	46,179	48,724	12,827	13,534
9,698552	34,915	10,234392	36,844	10,762318	38,744	11,346452	40,847	46,175	48,720	12,827	13,533
9,704512	34,936	10,240639	36,866	10,768746	38,767	11,353184	40,871	46,193	48,739	12,831	13,539
9,707005	34,945	10,243344	36,876	10,771456	38,777	11,356097	40,882	46,200	48,746	12,833	13,541
9,710793	34,959	10,247321	36,890	10,775509	38,792	11,360375	40,897	46,210	48,757	12,836	13,544
9,714197	34,971	10,250897	36,903	10,779150	38,805	11,364239	40,911	46,219	48,766	12,839	13,546
9,694494	34,900	10,230104	36,828	10,758053	38,729	11,341947	40,831	46,176	48,721	12,827	13,534

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)
14,229	51,225	14,999	53,998	0,700	0,7384	0,5709	0,5711	16,507	503,693	89,223
14,247	51,291	15,019	54,068	0,705	0,7436	0,5750	0,5751	16,623	500,187	87,491
14,250	51,300	15,022	54,078	0,705	0,7442	0,5755	0,5756	16,638	499,737	87,290
14,251	51,305	15,023	54,083	0,706	0,7446	0,5757	0,5759	16,645	499,522	87,175
14,250	51,298	15,021	54,076	0,708	0,7468	0,5774	0,5776	16,695	498,055	86,612
14,242	51,271	15,013	54,047	0,704	0,7432	0,5747	0,5749	16,616	500,396	87,654
14,238	51,257	15,009	54,032	0,702	0,7404	0,5725	0,5727	16,553	502,304	88,500
14,249	51,296	15,020	54,073	0,705	0,7435	0,5749	0,5751	16,622	500,214	87,475
14,234	51,244	15,005	54,018	0,701	0,7397	0,5720	0,5721	16,537	502,774	88,754
14,233	51,239	15,004	54,013	0,700	0,7391	0,5715	0,5717	16,524	503,175	88,960
14,232	51,234	15,002	54,008	0,700	0,7392	0,5716	0,5717	16,525	503,146	88,964
14,237	51,254	15,008	54,029	0,701	0,7396	0,5719	0,5720	16,534	502,876	88,782
14,243	51,276	15,014	54,052	0,702	0,7406	0,5726	0,5728	16,556	502,210	88,403
14,245	51,281	15,016	54,058	0,702	0,7405	0,5726	0,5727	16,555	502,249	88,409
14,245	51,283	15,016	54,059	0,701	0,7403	0,5724	0,5725	16,549	502,406	88,484
14,226	51,215	14,997	53,987	0,699	0,7378	0,5705	0,5706	16,494	504,099	89,480
14,229	51,224	14,999	53,998	0,699	0,7380	0,5707	0,5708	16,500	503,919	89,459
14,226	51,214	14,996	53,987	0,699	0,7379	0,5706	0,5707	16,497	504,007	89,528
14,234	51,243	15,005	54,017	0,700	0,7388	0,5712	0,5714	16,516	503,411	89,173
14,235	51,245	15,005	54,019	0,700	0,7392	0,5716	0,5717	16,526	503,123	89,038
14,230	51,228	15,000	54,001	0,700	0,7389	0,5714	0,5715	16,520	503,292	89,165
14,238	51,257	15,009	54,032	0,702	0,7411	0,5730	0,5732	16,567	501,869	88,447
14,235	51,247	15,006	54,021	0,701	0,7394	0,5717	0,5719	16,529	503,040	88,966
14,232	51,233	15,002	54,007	0,700	0,7391	0,5715	0,5716	16,524	503,193	89,103
14,233	51,241	15,004	54,015	0,700	0,7392	0,5716	0,5717	16,527	503,099	89,040
14,235	51,247	15,006	54,021	0,701	0,7394	0,5717	0,5719	16,531	502,977	88,967
14,234	51,241	15,004	54,015	0,701	0,7394	0,5718	0,5719	16,531	502,955	88,974
14,240	51,263	15,011	54,038	0,701	0,7399	0,5721	0,5722	16,541	502,671	88,781
14,241	51,269	15,012	54,044	0,701	0,7400	0,5722	0,5724	16,544	502,559	88,713
14,245	51,281	15,016	54,056	0,701	0,7403	0,5724	0,5726	16,550	502,396	88,609
14,248	51,291	15,019	54,068	0,702	0,7406	0,5726	0,5728	16,556	502,193	88,484
14,226	51,212	14,996	53,985	0,699	0,7377	0,5704	0,5705	16,492	504,156	89,631
14,229	51,223	14,999	53,996	0,699	0,7379	0,5706	0,5707	16,498	503,975	89,494
14,225	51,210	14,995	53,983	0,699	0,7378	0,5705	0,5706	16,494	504,100	89,586
14,232	51,237	15,003	54,010	0,700	0,7385	0,5710	0,5712	16,511	503,584	89,274
14,234	51,241	15,004	54,016	0,700	0,7390	0,5715	0,5716	16,522	503,228	89,098
14,229	51,226	15,000	53,999	0,700	0,7388	0,5713	0,5714	16,518	503,369	89,210
14,232	51,235	15,002	54,008	0,700	0,7390	0,5714	0,5716	16,521	503,267	89,136
14,234	51,242	15,005	54,017	0,700	0,7392	0,5716	0,5717	16,526	503,128	89,050
14,231	51,231	15,001	54,004	0,700	0,7390	0,5714	0,5716	16,521	503,265	89,147
14,233	51,239	15,004	54,013	0,700	0,7392	0,5716	0,5717	16,526	503,129	89,060
14,234	51,244	15,005	54,018	0,701	0,7393	0,5717	0,5718	16,529	503,036	89,007
14,233	51,240	15,004	54,014	0,701	0,7394	0,5717	0,5719	16,531	502,980	88,992
14,238	51,259	15,009	54,034	0,701	0,7398	0,5720	0,5722	16,538	502,744	88,830
14,240	51,266	15,011	54,041	0,701	0,7399	0,5721	0,5723	16,542	502,633	88,758
14,243	51,277	15,015	54,053	0,701	0,7402	0,5723	0,5725	16,547	502,466	88,653
14,246	51,286	15,017	54,062	0,702	0,7404	0,5725	0,5727	16,553	502,303	88,554
14,234	51,242	15,004	54,016	0,700	0,7388	0,5712	0,5714	16,516	503,410	89,189