

Vrijeme od	Vrijeme do	Oznaka mjesta uzorkovanja	Mjesto uzorkovanja	Vrsta mjesta uzorkovanja	Zadnja izmjena
16.08.2023 06:00	17.08.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	01.09.2023 10:28
17.08.2023 06:00	18.08.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	01.09.2023 10:28
18.08.2023 06:00	19.08.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	01.09.2023 10:28
19.08.2023 06:00	20.08.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	01.09.2023 10:28
20.08.2023 06:00	21.08.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	01.09.2023 10:28
21.08.2023 06:00	22.08.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	01.09.2023 10:28
22.08.2023 06:00	23.08.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	01.09.2023 10:28
23.08.2023 06:00	24.08.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	01.09.2023 10:28
24.08.2023 06:00	25.08.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	01.09.2023 10:28
25.08.2023 06:00	26.08.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	01.09.2023 10:28
26.08.2023 06:00	27.08.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	01.09.2023 10:28
27.08.2023 06:00	28.08.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	01.09.2023 10:28
28.08.2023 06:00	29.08.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	01.09.2023 10:28
29.08.2023 06:00	30.08.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	01.09.2023 10:28
30.08.2023 06:00	31.08.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	01.09.2023 10:28
31.08.2023 06:00	01.09.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	01.09.2023 10:28
16.08.2023 06:00	17.08.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	01.09.2023 10:28
17.08.2023 06:00	18.08.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	01.09.2023 10:28
18.08.2023 06:00	19.08.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	01.09.2023 10:28
19.08.2023 06:00	20.08.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	01.09.2023 10:28
20.08.2023 06:00	21.08.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	01.09.2023 10:28
21.08.2023 06:00	22.08.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	01.09.2023 10:28
22.08.2023 06:00	23.08.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	01.09.2023 10:28
23.08.2023 06:00	24.08.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	01.09.2023 10:28
24.08.2023 06:00	25.08.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	01.09.2023 10:28
25.08.2023 06:00	26.08.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	01.09.2023 10:28
26.08.2023 06:00	27.08.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	01.09.2023 10:28
27.08.2023 06:00	28.08.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	01.09.2023 10:28
28.08.2023 06:00	29.08.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	01.09.2023 10:28
29.08.2023 06:00	30.08.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	01.09.2023 10:28
30.08.2023 06:00	31.08.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	01.09.2023 10:28
31.08.2023 06:00	01.09.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	01.09.2023 10:28
16.08.2023 06:00	17.08.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	01.09.2023 10:28
17.08.2023 06:00	18.08.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	01.09.2023 10:28
18.08.2023 06:00	19.08.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	01.09.2023 10:28
19.08.2023 06:00	20.08.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	01.09.2023 10:28
20.08.2023 06:00	21.08.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	01.09.2023 10:28
21.08.2023 06:00	22.08.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	01.09.2023 10:28
22.08.2023 06:00	23.08.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	01.09.2023 10:28
23.08.2023 06:00	24.08.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	01.09.2023 10:28
24.08.2023 06:00	25.08.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	01.09.2023 10:28
25.08.2023 06:00	26.08.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	01.09.2023 10:28
26.08.2023 06:00	27.08.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	01.09.2023 10:28
27.08.2023 06:00	28.08.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	01.09.2023 10:28

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 %)
2,246	0,418	91,634	4,933	0,595	0,769	0,078	0,055	0,012	0,016	0	-	0,013	-	-	-
0,491	0,383	94,263	4,176	0,504	0,687	0,077	0,062	0,011	0,017	0,001	-	0,015	-	-	-
0,514	0,385	94,075	4,340	0,508	0,686	0,073	0,060	0,011	0,018	0,001	-	0,015	-	-	-
1,169	0,587	92,157	5,216	0,660	0,871	0,091	0,069	0,014	0,020	0,001	-	0,016	-	-	-
2,037	0,498	91,459	5,158	0,658	0,847	0,082	0,062	0,013	0,018	0	-	0,014	-	-	-
1,362	0,311	93,144	4,550	0,486	0,632	0,062	0,049	0,009	0,014	0	-	0,012	-	-	-
1,337	0,408	92,746	4,852	0,515	0,657	0,061	0,049	0,009	0,013	0	-	0,011	-	-	-
0,606	0,156	95,150	3,671	0,315	0,417	0,041	0,037	0,005	0,010	0,001	-	0,009	-	-	-
0,778	0,215	94,495	4,044	0,360	0,468	0,044	0,039	0,006	0,010	0	-	0,009	-	-	-
0,748	0,353	93,950	4,350	0,453	0,599	0,061	0,050	0,009	0,014	0,001	-	0,011	-	-	-
0,600	0,171	91,540	5,284	1,520	2,405	0,419	0,429	0,007	0,024	0	-	0,006	-	-	-
0,388	0,011	90,776	5,514	2,041	3,312	0,607	0,630	0,004	0,028	0	-	0,001	-	-	-
0,284	0	90,673	5,568	2,134	3,475	0,641	0,665	0,004	0,030	0	-	0,001	-	-	-
0,371	0	90,641	5,565	2,107	3,424	0,629	0,654	0,004	0,029	0	-	0,001	-	-	-
0,347	0	90,647	5,569	2,115	3,437	0,631	0,656	0,004	0,029	0	-	0,001	-	-	-
1,250	0,049	90,864	5,206	1,671	2,630	0,455	0,474	0,005	0,023	0	-	0,003	-	-	-
2,787	0,488	90,520	5,353	0,673	0,852	0,077	0,060	0,013	0,017	0	-	0,012	-	-	-
1,205	0,967	90,023	6,486	0,982	1,320	0,148	0,109	0,025	0,033	0,001	-	0,022	-	-	-
1,235	0,943	89,863	6,652	0,989	1,306	0,133	0,106	0,023	0,033	0,001	-	0,021	-	-	-
1,705	0,795	90,210	6,204	0,831	1,085	0,112	0,082	0,019	0,024	0	-	0,016	-	-	-
2,466	0,579	90,298	5,699	0,749	0,958	0,093	0,068	0,016	0,020	0	-	0,013	-	-	-
2,216	0,552	90,587	5,743	0,707	0,902	0,087	0,064	0,015	0,018	0	-	0,011	-	-	-
1,899	0,612	90,771	5,879	0,668	0,839	0,076	0,058	0,012	0,016	0	-	0,009	-	-	-
2,288	0,430	91,028	5,550	0,580	0,704	0,054	0,044	0,008	0,011	0	-	0,006	-	-	-
2,201	0,490	90,817	5,738	0,617	0,755	0,060	0,048	0,009	0,013	0	-	0,007	-	-	-
1,894	0,887	89,454	6,644	0,869	1,121	0,114	0,082	0,018	0,025	0	-	0,013	-	-	-
3,265	0,377	90,390	5,229	0,622	0,740	0,051	0,042	0,008	0,011	0	-	0,006	-	-	-
3,984	0,038	90,939	4,346	0,588	0,692	0,045	0,053	0,001	0,003	0	-	0,001	-	-	-
0,953	0	90,731	5,342	1,839	2,975	0,546	0,560	0,004	0,025	0,001	-	0	-	-	-
1,177	0	90,683	5,318	1,759	2,822	0,510	0,524	0,004	0,024	0,001	-	0	-	-	-
2,863	0	90,853	4,706	1,071	1,579	0,241	0,253	0,002	0,011	0	-	0	-	-	-
3,312	0,190	91,265	4,443	0,659	0,790	0,053	0,056	0,006	0,009	0	-	0,006	-	-	-
1,821	0,109	93,861	3,792	0,321	0,418	0,053	0,028	0,005	0,007	0	0,003	-	0	0	0
1,245	0,371	93,255	4,448	0,517	0,681	0,067	0,057	0,012	0,017	0	0,009	-	0,002	0	0
0,356	0,103	95,975	3,204	0,268	0,364	0,037	0,036	0,006	0,010	0	0,007	-	0	0	0
0,173	0,041	96,561	2,934	0,211	0,292	0,030	0,031	0,005	0,009	0	0,006	-	0	0	0
0,142	0,026	96,673	2,883	0,199	0,276	0,029	0,030	0,004	0,008	0	0,005	-	0	0	0
0,122	0,019	96,731	2,858	0,194	0,269	0,027	0,030	0,004	0,008	0	0,005	-	0	0	0
0,087	0,011	96,814	2,827	0,188	0,261	0,026	0,029	0,004	0,008	0	0,005	-	0	0	0
0,086	0,010	96,817	2,827	0,188	0,260	0,026	0,029	0,004	0,008	0	0,005	-	0	0	0
0,095	0,011	96,779	2,851	0,190	0,264	0,026	0,030	0,004	0,008	0	0,005	-	0	0	0
0,084	0,008	96,782	2,860	0,190	0,266	0,026	0,030	0,004	0,008	0	0,008	-	0	0	0
0,107	0,011	96,455	3,020	0,281	0,407	0,049	0,058	0,004	0,009	0	0,005	-	0	0	0
0,194	0,016	94,843	3,758	0,776	1,190	0,175	0,216	0,004	0,014	0	0,004	-	0	0	0

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
9,692281	34,892	10,228115	36,821	10,745952	38,685	11,329492	40,786	45,015	47,496	12,504	13,193
9,794902	35,262	10,336922	37,213	10,863122	39,107	11,452360	41,228	45,957	48,490	12,766	13,470
9,804109	35,295	10,346002	37,246	10,872258	39,140	11,462429	41,265	45,962	48,496	12,767	13,471
9,818244	35,346	10,361025	37,300	10,884217	39,183	11,475431	41,312	45,607	48,121	12,669	13,367
9,734617	35,045	10,272740	36,982	10,791392	38,849	11,377872	40,960	45,140	47,630	12,539	13,231
9,735078	35,046	10,273138	36,983	10,795402	38,863	11,381624	40,974	45,520	48,030	12,645	13,342
9,753980	35,114	10,293117	37,055	10,815387	38,935	11,402739	41,050	45,512	48,021	12,642	13,339
9,720281	34,993	10,257403	36,927	10,782920	38,819	11,368310	40,926	45,892	48,424	12,748	13,451
9,733994	35,042	10,271927	36,979	10,796764	38,868	11,382962	40,979	45,816	48,342	12,727	13,428
9,769864	35,172	10,309841	37,115	10,834797	39,005	11,423144	41,123	45,816	48,342	12,727	13,428
10,188365	36,678	10,751987	38,707	11,284608	40,625	11,898082	42,833	46,855	49,439	13,015	13,733
10,401032	37,444	10,976451	39,515	11,513735	41,449	12,140215	43,705	47,473	50,092	13,187	13,914
10,445140	37,603	11,023309	39,684	11,561701	41,622	12,190579	43,886	47,611	50,237	13,225	13,955
10,427323	37,538	11,004442	39,616	11,542232	41,552	12,170084	43,812	47,540	50,162	13,206	13,934
10,432242	37,556	11,009637	39,635	11,547593	41,571	12,175741	43,833	47,560	50,183	13,211	13,940
10,169991	36,612	10,732615	38,637	11,262975	40,547	11,875305	42,751	46,635	49,206	12,954	13,668
9,678460	34,842	10,213933	36,770	10,729174	38,625	11,311539	40,722	44,723	47,188	12,423	13,108
9,951288	35,825	10,501651	37,806	11,025247	39,691	11,624434	41,848	45,650	48,167	12,681	13,380
9,959445	35,854	10,510143	37,837	11,033960	39,722	11,633496	41,881	45,671	48,189	12,686	13,386
9,856402	35,483	10,401419	37,445	10,922336	39,320	11,515800	41,457	45,355	47,855	12,599	13,293
9,744123	35,079	10,282814	37,018	10,799995	38,880	11,386668	40,992	44,948	47,426	12,485	13,174
9,763865	35,150	10,303660	37,093	10,822178	38,960	11,410063	41,076	45,103	47,590	12,529	13,219
9,786377	35,231	10,327421	37,179	10,847242	39,050	11,436492	41,171	45,239	47,733	12,566	13,259
9,718031	34,985	10,256263	36,923	10,773235	38,784	11,359501	40,894	45,052	47,536	12,515	13,204
9,743239	35,076	10,281857	37,015	10,800348	38,881	11,386995	40,993	45,103	47,590	12,529	13,219
9,867037	35,521	10,411965	37,483	10,931944	39,355	11,525988	41,494	45,250	47,745	12,569	13,263
9,611240	34,600	10,142489	36,513	10,655383	38,359	11,234064	40,443	44,470	46,921	12,353	13,034
9,499561	34,198	10,024530	36,088	10,534315	37,924	11,106276	39,983	44,144	46,577	12,262	12,938
10,284630	37,025	10,853730	39,073	11,387260	40,994	12,006520	43,223	47,023	49,616	13,062	13,782
10,225087	36,810	10,790842	38,847	11,322486	40,761	11,938156	42,977	46,796	49,377	12,999	13,716
9,786198	35,230	10,327271	37,178	10,845689	39,044	11,434908	41,166	45,199	47,691	12,555	13,248
9,574202	34,467	10,103344	36,372	10,616236	38,218	11,192706	40,294	44,478	46,930	12,355	13,036
9,616985	34,621	10,148265	36,534	10,667794	38,404	11,246900	40,489	45,210	47,699	12,558	13,250
9,741327	35,069	10,279612	37,007	10,802210	38,888	11,388788	41,000	45,546	48,053	12,652	13,348
9,705506	34,940	10,241657	36,870	10,768116	38,765	11,352633	40,869	45,996	48,530	12,777	13,481
9,696655	34,908	10,232283	36,836	10,759537	38,734	11,343543	40,837	46,093	48,632	12,804	13,509
9,694401	34,900	10,229897	36,828	10,757290	38,726	11,341164	40,828	46,110	48,651	12,808	13,514
9,693967	34,898	10,229436	36,826	10,756923	38,725	11,340773	40,827	46,122	48,663	12,812	13,518
9,694377	34,900	10,229865	36,828	10,757525	38,727	11,341402	40,829	46,143	48,685	12,817	13,524
9,694475	34,900	10,229968	36,828	10,757638	38,727	11,341521	40,829	46,144	48,687	12,818	13,524
9,695789	34,905	10,231357	36,833	10,759005	38,732	11,342965	40,835	46,142	48,685	12,817	13,524
9,698619	34,915	10,234345	36,844	10,762090	38,744	11,346221	40,846	46,155	48,698	12,821	13,527
9,732133	35,036	10,269750	36,971	10,797917	38,872	11,384046	40,983	46,213	48,760	12,837	13,544
9,914170	35,691	10,462070	37,663	10,992692	39,574	11,589703	41,723	46,552	49,117	12,931	13,644

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)
13,864	49,910	14,614	52,612	0,736	0,7770	0,6008	0,6010	17,370	478,987	82,723
14,157	50,964	14,924	53,727	0,722	0,7615	0,5889	0,5890	17,023	488,675	84,290
14,158	50,970	14,925	53,730	0,723	0,7626	0,5897	0,5898	17,048	487,751	83,762
14,044	50,559	14,805	53,297	0,736	0,7768	0,6006	0,6008	17,364	478,863	81,450
13,900	50,042	14,654	52,754	0,739	0,7795	0,6027	0,6029	17,424	477,206	81,505
14,022	50,478	14,781	53,212	0,726	0,7666	0,5928	0,5929	17,137	485,201	83,488
14,018	50,465	14,777	53,198	0,729	0,7699	0,5953	0,5954	17,209	483,162	82,920
14,141	50,909	14,907	53,665	0,713	0,7519	0,5814	0,5815	16,811	494,645	86,315
14,116	50,819	14,881	53,571	0,717	0,7567	0,5851	0,5853	16,916	491,728	85,506
14,114	50,811	14,878	53,562	0,722	0,7622	0,5894	0,5895	17,038	488,151	84,252
14,416	51,897	15,197	54,709	0,751	0,7925	0,6127	0,6129	17,709	469,657	75,631
14,598	52,553	15,389	55,402	0,762	0,8046	0,6221	0,6223	17,978	462,479	72,092
14,639	52,701	15,433	55,557	0,764	0,8068	0,6238	0,6240	18,026	461,244	71,522
14,618	52,623	15,410	55,476	0,764	0,8064	0,6235	0,6237	18,018	461,456	71,696
14,623	52,645	15,416	55,498	0,764	0,8065	0,6236	0,6238	18,020	461,396	71,645
14,348	51,654	15,126	54,453	0,755	0,7972	0,6164	0,6166	17,814	466,753	74,631
13,771	49,576	14,517	52,261	0,744	0,7845	0,6069	0,6070	17,537	474,260	81,570
14,049	50,577	14,810	53,317	0,755	0,7965	0,6159	0,6161	17,801	467,076	77,963
14,055	50,598	14,817	53,340	0,755	0,7971	0,6163	0,6165	17,815	466,742	77,786
13,961	50,260	14,717	52,983	0,750	0,7916	0,6120	0,6122	17,692	469,971	79,144
13,838	49,818	14,588	52,517	0,746	0,7878	0,6091	0,6093	17,608	472,234	80,168
13,887	49,992	14,639	52,700	0,744	0,7855	0,6073	0,6075	17,557	473,568	80,333
13,928	50,143	14,683	52,859	0,743	0,7844	0,6065	0,6067	17,533	474,230	80,489
13,872	49,940	14,625	52,649	0,739	0,7800	0,6031	0,6033	17,436	476,870	81,450
13,888	49,997	14,640	52,705	0,741	0,7822	0,6048	0,6050	17,485	475,559	81,084
13,928	50,139	14,682	52,856	0,755	0,7969	0,6161	0,6164	17,811	466,842	78,438
13,695	49,301	14,436	51,971	0,742	0,7829	0,6054	0,6055	17,502	475,096	81,817
13,598	48,953	14,334	51,604	0,735	0,7761	0,6001	0,6002	17,350	479,258	83,585
14,462	52,064	15,246	54,886	0,759	0,8015	0,6197	0,6199	17,904	464,516	73,748
14,394	51,819	15,174	54,627	0,758	0,7999	0,6184	0,6186	17,874	465,308	74,328
13,925	50,132	14,668	52,807	0,744	0,7857	0,6075	0,6077	17,562	473,580	79,596
13,700	49,319	14,442	51,990	0,736	0,7766	0,6005	0,6006	17,360	478,954	83,012
13,931	50,150	14,684	52,862	0,719	0,7585	0,5865	0,5866	16,957	490,428	85,853
14,030	50,506	14,788	53,238	0,727	0,7668	0,5929	0,5931	17,141	485,161	83,389
14,176	51,032	14,943	53,795	0,707	0,7463	0,5770	0,5772	16,683	498,380	87,416
14,207	51,145	14,976	53,914	0,703	0,7418	0,5736	0,5737	16,583	501,380	88,415
14,213	51,166	14,982	53,936	0,702	0,7409	0,5729	0,5730	16,563	501,989	88,635
14,216	51,179	14,986	53,950	0,702	0,7404	0,5725	0,5727	16,553	502,288	88,732
14,223	51,203	14,993	53,975	0,701	0,7398	0,5721	0,5722	16,539	502,704	88,854
14,224	51,205	14,994	53,977	0,701	0,7398	0,5720	0,5722	16,539	502,727	88,858
14,223	51,202	14,993	53,974	0,701	0,7400	0,5722	0,5724	16,545	502,545	88,779
14,227	51,216	14,997	53,988	0,701	0,7401	0,5723	0,5724	16,546	502,522	88,671
14,243	51,274	15,014	54,050	0,704	0,7433	0,5748	0,5749	16,617	500,359	87,601
14,338	51,616	15,114	54,411	0,720	0,7602	0,5878	0,5880	16,993	489,310	82,433