

Vrijeme od	Vrijeme do	Oznaka mjesta uzorkovanja	Mjesto uzorkovanja	Vrsta mjesta uzorkovanja
1.9.2021 6:00	2.9.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
2.9.2021 6:00	3.9.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
3.9.2021 6:00	4.9.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
4.9.2021 6:00	5.9.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
5.9.2021 6:00	6.9.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
6.9.2021 6:00	7.9.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
7.9.2021 6:00	8.9.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
8.9.2021 6:00	9.9.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
9.9.2021 6:00	10.9.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
10.9.2021 6:00	11.9.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
11.9.2021 6:00	12.9.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
12.9.2021 6:00	13.9.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
13.9.2021 6:00	14.9.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
14.9.2021 6:00	15.9.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
15.9.2021 6:00	16.9.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
1.9.2021 6:00	2.9.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
2.9.2021 6:00	3.9.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
3.9.2021 6:00	4.9.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
4.9.2021 6:00	5.9.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
5.9.2021 6:00	6.9.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
6.9.2021 6:00	7.9.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
7.9.2021 6:00	8.9.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
8.9.2021 6:00	9.9.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
9.9.2021 6:00	10.9.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
10.9.2021 6:00	11.9.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
11.9.2021 6:00	12.9.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
12.9.2021 6:00	13.9.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
13.9.2021 6:00	14.9.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
14.9.2021 6:00	15.9.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
15.9.2021 6:00	16.9.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
1.9.2021 6:00	2.9.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
2.9.2021 6:00	3.9.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
3.9.2021 6:00	4.9.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
4.9.2021 6:00	5.9.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
5.9.2021 6:00	6.9.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
6.9.2021 6:00	7.9.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
7.9.2021 6:00	8.9.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
8.9.2021 6:00	9.9.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
9.9.2021 6:00	10.9.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
10.9.2021 6:00	11.9.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
11.9.2021 6:00	12.9.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
12.9.2021 6:00	13.9.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
13.9.2021 6:00	14.9.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
14.9.2021 6:00	15.9.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
15.9.2021 6:00	16.9.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak

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.

Zadnja izmjena	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 %)
2.9.2021 7:55	0,346	0,009	93,595	6,004	0,041	0,047	0,003	0,002	0	0,001	0	-	0	-
3.9.2021 7:55	0,317	0,006	93,595	6,039	0,038	0,043	0,002	0,002	0	0	0	-	0	-
4.9.2021 7:55	0,27	0,016	93,537	6,118	0,05	0,059	0,004	0,003	0,001	0,001	0	-	0,001	-
5.9.2021 7:55	0,292	0,041	93,558	6,013	0,076	0,096	0,008	0,007	0,001	0,002	0	-	0,002	-
6.9.2021 7:55	0,292	0,044	93,579	5,989	0,076	0,096	0,008	0,007	0,001	0,002	0	-	0,002	-
7.9.2021 7:55	0,275	0,026	93,662	5,962	0,061	0,075	0,006	0,005	0,001	0,001	0	-	0,001	-
8.9.2021 7:55	0,261	0,043	93,755	5,842	0,078	0,099	0,009	0,007	0,001	0,002	0	-	0,002	-
9.9.2021 7:55	0,255	0,044	93,629	5,974	0,077	0,098	0,008	0,007	0,001	0,002	0	-	0,002	-
10.9.2021 7:55	0,243	0,046	93,601	6,01	0,078	0,099	0,008	0,007	0,001	0,002	0	-	0,002	-
11.9.2021 7:55	0,232	0,045	93,556	6,071	0,076	0,096	0,008	0,007	0,001	0,002	0	-	0,002	-
12.9.2021 7:55	0,239	0,065	93,563	6,01	0,095	0,123	0,011	0,009	0,002	0,003	0	-	0,003	-
13.9.2021 7:55	0,214	0,073	93,584	6,007	0,093	0,122	0,011	0,01	0,002	0,003	0	-	0,003	-
14.9.2021 7:55	0,126	0,039	93,701	5,995	0,118	0,138	0,008	0,007	0,001	0,002	0	-	0,002	-
15.9.2021 7:55	0,06	0,008	95,568	4,161	0,159	0,203	0,014	0,016	0,002	0,005	0	-	0,007	-
16.9.2021 7:55	0,055	0,003	95,698	4,042	0,157	0,203	0,015	0,017	0,002	0,005	0	-	0,007	-
2.9.2021 7:55	0,9	0,714	94,299	2,994	0,774	1,092	0,126	0,106	0,023	0,028	0,002	-	0,033	-
3.9.2021 7:55	0,934	0,747	94,148	3,037	0,805	1,135	0,132	0,108	0,024	0,03	0,002	-	0,034	-
4.9.2021 7:55	0,889	0,708	94,349	2,993	0,75	1,061	0,123	0,103	0,022	0,028	0,002	-	0,033	-
5.9.2021 7:55	0,885	0,711	94,361	3,001	0,738	1,041	0,12	0,101	0,022	0,027	0,002	-	0,032	-
6.9.2021 7:55	0,896	0,741	94,262	3,043	0,75	1,058	0,122	0,102	0,022	0,027	0,002	-	0,033	-
7.9.2021 7:55	0,848	0,726	94,362	3,053	0,713	1,011	0,116	0,099	0,021	0,026	0,002	-	0,033	-
8.9.2021 7:55	0,829	0,704	94,464	3,02	0,693	0,984	0,113	0,098	0,021	0,026	0,002	-	0,032	-
9.9.2021 7:55	0,872	0,768	94,221	3,099	0,733	1,04	0,119	0,101	0,022	0,028	0,002	-	0,035	-
10.9.2021 7:55	0,892	0,776	94,177	3,107	0,738	1,048	0,121	0,101	0,023	0,028	0,002	-	0,036	-
11.9.2021 7:55	0,907	0,78	94,153	3,096	0,752	1,064	0,122	0,102	0,023	0,028	0,002	-	0,035	-
12.9.2021 7:55	0,794	0,725	94,511	3,071	0,627	0,899	0,103	0,091	0,019	0,024	0,002	-	0,033	-
13.9.2021 7:55	0,768	0,712	94,597	3,067	0,597	0,856	0,097	0,088	0,018	0,023	0,002	-	0,032	-
14.9.2021 7:55	0,762	0,714	94,603	3,071	0,593	0,849	0,096	0,087	0,018	0,022	0,002	-	0,031	-
15.9.2021 7:55	0,76	0,713	94,582	3,098	0,592	0,847	0,096	0,087	0,018	0,022	0,002	-	0,031	-
16.9.2021 7:55	0,773	0,728	94,476	3,146	0,615	0,876	0,099	0,089	0,018	0,023	0,002	-	0,031	-
2.9.2021 7:55	0,345	0,01	93,597	5,998	0,045	0,05	0,002	0,001	0	0,001	0	0	-	0
3.9.2021 7:55	0,316	0	93,596	6,051	0,036	0,037	0,001	0	0	0	0	0	-	0
4.9.2021 7:55	0,256	0	93,521	6,184	0,038	0,039	0,001	0	0	0	0	0	-	0
5.9.2021 7:55	0,27	0,019	93,533	6,111	0,059	0,066	0,004	0,002	0,001	0,001	0	0	-	0
6.9.2021 7:55	0,273	0,023	93,548	6,087	0,061	0,07	0,004	0,002	0,001	0,001	0	0	-	0
7.9.2021 7:55	0,257	0,007	93,634	6,052	0,046	0,05	0,002	0,001	0	0,001	0	0	-	0
8.9.2021 7:55	0,235	0,013	93,738	5,953	0,054	0,061	0,003	0,001	0,001	0,001	0	0	-	0
9.9.2021 7:55	0,221	0,008	93,603	6,115	0,048	0,053	0,002	0,001	0	0,001	0	0	-	0
10.9.2021 7:55	0,21	0,01	93,569	6,154	0,05	0,055	0,003	0,001	0	0,001	0	0	-	0
11.9.2021 7:55	0,206	0,018	93,535	6,179	0,057	0,063	0,003	0,001	0,001	0,001	0	0	-	0
12.9.2021 7:55	0,22	0,042	93,552	6,091	0,08	0,094	0,007	0,003	0,001	0,002	0	0,001	-	0
13.9.2021 7:55	0,203	0,056	93,559	6,078	0,087	0,105	0,008	0,005	0,002	0,002	0	0,001	-	0
14.9.2021 7:55	0,114	0,019	93,556	6,202	0,101	0,109	0,004	0,003	0,001	0,001	0	0,001	-	0
15.9.2021 7:55	0,056	0,004	95,654	4,08	0,165	0,206	0,012	0,016	0,003	0,005	0	0,004	-	0
16.9.2021 7:55	0,054	0,012	96,188	3,507	0,185	0,238	0,017	0,022	0,004	0,006	0	0,005	-	0

C8 (mol %)	C9+ (mol %)	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
-	-	9,867734	35,524	10,413115	37,487	10,942355	39,392	11,536548	41,532	12,89	46,403	13,6
-	-	9,872758	35,542	10,41842	37,506	10,947856	39,412	11,54235	41,552	12,896	46,427	13,607
-	-	9,884838	35,585	10,431178	37,552	10,960935	39,459	11,556156	41,602	12,907	46,465	13,618
-	-	9,879059	35,565	10,425081	37,53	10,954571	39,436	11,549447	41,578	12,896	46,427	13,607
-	-	9,877215	35,558	10,423133	37,523	10,952589	39,429	11,547354	41,57	12,895	46,422	13,606
-	-	9,874656	35,549	10,420425	37,514	10,949976	39,42	11,544588	41,561	12,899	46,435	13,61
-	-	9,869811	35,531	10,415311	37,495	10,944778	39,401	11,539105	41,541	12,894	46,42	13,605
-	-	9,869811	35,531	10,425908	37,533	10,944778	39,401	11,539105	41,541	12,894	46,42	13,605
-	-	9,883674	35,581	10,429953	37,548	10,959682	39,455	11,554837	41,597	12,904	46,454	13,615
-	-	9,888861	35,6	10,435431	37,568	10,965285	39,475	11,56075	41,619	12,908	46,47	13,62
-	-	9,886522	35,591	10,432964	37,559	10,962682	39,466	11,558009	41,609	12,903	46,45	13,614
-	-	9,888036	35,597	10,434563	37,564	10,964369	39,472	11,559788	41,615	12,905	46,459	13,617
-	-	9,899959	35,64	10,447144	37,61	10,977595	39,519	11,573732	41,665	12,928	46,541	13,641
-	-	9,785736	35,229	10,326482	37,175	10,855618	39,08	11,444946	41,202	12,875	46,348	13,584
-	-	9,785736	35,229	10,3183	37,146	10,84736	39,05	11,436228	41,17	12,872	46,338	13,581
-	-	9,711944	34,963	10,248749	36,895	10,770925	38,775	11,355833	40,881	12,613	45,405	13,308
-	-	9,71639	34,979	10,253456	36,912	10,775448	38,792	11,36062	40,898	12,606	45,382	13,301
-	-	9,708098	34,949	10,244684	36,881	10,76687	38,761	11,351548	40,866	12,613	45,406	13,308
-	-	9,705156	34,939	10,241577	36,87	10,763715	38,749	11,348216	40,854	12,611	45,399	13,306
-	-	9,707533	34,947	10,244093	36,879	10,766117	38,758	11,35076	40,863	12,606	45,382	13,301
-	-	9,706296	34,943	10,242779	36,874	10,765018	38,754	11,34959	40,859	12,613	45,407	13,308
-	-	9,703149	34,931	10,239449	36,862	10,761797	38,742	11,346181	40,846	12,617	45,422	13,313
-	-	9,703149	34,931	10,239449	36,862	10,761797	38,742	11,346181	40,846	12,605	45,378	13,313
-	-	9,708706	34,951	10,245337	36,883	10,767257	38,762	11,351972	40,867	12,601	45,365	13,296
-	-	9,708304	34,95	10,244916	36,882	10,766754	38,76	11,351443	40,865	12,599	45,355	13,293
-	-	9,693991	34,898	10,229772	36,827	10,752028	38,707	11,335865	40,809	12,612	45,404	13,307
-	-	9,68998	34,884	10,225532	36,812	10,74787	38,692	11,331468	40,793	12,615	45,413	13,31
-	-	9,689428	34,882	10,224947	36,81	10,747294	38,69	11,330859	40,791	12,615	45,413	13,31
-	-	9,691177	34,888	10,226795	36,816	10,749178	38,697	11,332847	40,798	12,616	45,418	13,312
-	-	9,696959	34,909	10,226795	36,816	10,749178	38,697	11,332847	40,798	12,616	45,418	13,312
0	0	9,867746	35,524	10,413001	37,487	10,942265	39,392	11,536424	41,531	12,89	46,402	13,6
0	0	9,873065	35,543	10,418615	37,507	10,948106	39,413	11,542584	41,553	12,898	46,432	13,608
0	0	9,888945	35,6	10,435384	37,567	10,965343	39,475	11,560772	41,619	12,914	46,49	13,625
0	0	9,885025	35,586	10,431249	37,552	10,961022	39,46	11,556218	41,602	12,906	46,463	13,618
0	0	9,883303	35,58	10,42943	37,546	10,959157	39,453	11,55425	41,595	12,905	46,457	13,616
0	0	9,880344	35,569	10,4263	37,535	10,956102	39,442	11,551019	41,584	12,907	46,467	13,619
0	0	9,876342	35,555	10,422073	37,519	10,951875	39,427	11,546556	41,568	12,907	46,464	13,618
0	0	9,888658	35,599	10,435079	37,566	10,965137	39,474	11,560553	41,618	12,916	46,498	13,628
0	0	9,892875	35,614	10,439534	37,582	10,969688	39,491	11,565355	41,635	12,919	46,51	13,631
0	0	9,895746	35,625	10,442567	37,593	10,972753	39,502	11,568593	41,647	12,92	46,513	13,632
0	0	9,890962	35,607	10,43752	37,575	10,967489	39,483	11,563044	41,627	12,912	46,482	13,623
0	0	9,892124	35,612	10,438748	37,579	10,968747	39,487	11,564374	41,632	12,912	46,483	13,623
0	0	9,913026	35,687	10,460813	37,659	10,99161	39,57	11,588487	41,719	12,941	46,586	13,654
0	0	9,779824	35,207	10,32011	37,152	10,849194	39,057	11,438151	41,177	12,872	46,34	13,582
0	0	9,742807	35,074	10,281014	37,012	10,809518	38,914	11,396277	41,027	12,849	46,258	13,557

Wd(Mj/m3) @25/0	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)
48,96	14,293	51,456	15,067	54,243	0,718	0,758	0,5861	0,5862	16,943	490,727	85,438
48,986	14,301	51,482	15,075	54,27	0,718	0,758	0,5861	0,5862	16,943	490,74	84,816
49,026	14,312	51,523	15,087	54,314	0,719	0,7586	0,5865	0,5867	16,956	490,351	85,088
48,986	14,3	51,482	15,075	54,27	0,719	0,7589	0,5868	0,587	16,964	490,13	84,082
48,981	14,299	51,476	15,073	54,264	0,719	0,7588	0,5867	0,5869	16,961	490,204	84,166
48,995	14,303	51,492	15,078	54,28	0,718	0,758	0,5861	0,5862	16,943	490,731	84,711
48,978	14,299	51,476	15,073	54,263	0,718	0,7577	0,5859	0,5861	16,938	490,886	83,674
48,978	14,299	51,476	15,08	54,288	0,718	0,7577	0,5859	0,5861	16,938	490,373	83,294
49,015	14,309	51,511	15,084	54,301	0,719	0,7587	0,5867	0,5868	16,96	490,239	83,227
49,032	14,314	51,529	15,089	54,319	0,719	0,759	0,5869	0,587	16,966	490,07	83,327
49,01	14,307	51,506	15,082	54,295	0,719	0,7593	0,5871	0,5873	16,973	489,869	83,02
49,019	14,31	51,516	15,085	54,306	0,719	0,7593	0,5871	0,5872	16,972	489,901	82,993
49,106	14,335	51,607	15,112	54,401	0,719	0,7584	0,5864	0,5866	16,953	490,45	84,656
48,903	14,282	51,416	15,055	54,2	0,708	0,7472	0,5777	0,5779	16,703	497,79	86,406
48,892	14,279	51,405	15,055	54,2	0,707	0,7463	0,5771	0,5779	16,684	498,344	86,648
47,908	13,988	50,356	14,745	53,083	0,727	0,7668	0,5929	0,5931	17,142	485,053	84,635
47,883	13,98	50,328	14,737	53,054	0,728	0,7683	0,5941	0,5943	17,175	484,104	84,361
47,909	13,988	50,358	14,746	53,085	0,726	0,7662	0,5924	0,5926	17,128	485,433	84,781
47,901	13,986	50,351	14,744	53,077	0,726	0,766	0,5923	0,5924	17,123	485,587	84,867
47,884	13,981	50,331	14,738	53,057	0,727	0,7669	0,593	0,5932	17,144	484,98	84,714
47,91	13,989	50,36	14,747	53,087	0,726	0,7659	0,5922	0,5924	17,121	485,645	84,903
47,925	13,994	50,377	14,752	53,106	0,725	0,7649	0,5914	0,5916	17,098	486,275	85,086
47,925	13,994	50,377	14,736	53,051	0,725	0,7673	0,5914	0,5916	17,152	484,752	84,68
47,866	13,975	50,311	14,732	53,036	0,727	0,7677	0,5936	0,5938	17,161	484,5	84,619
47,855	13,972	50,3	14,729	53,024	0,728	0,768	0,5938	0,594	17,167	484,337	84,589
47,906	13,989	50,359	14,746	53,086	0,724	0,7641	0,5908	0,591	17,08	486,785	85,39
47,916	13,992	50,371	14,75	53,099	0,723	0,7631	0,5901	0,5902	17,059	487,404	85,601
47,917	13,992	50,372	14,75	53,099	0,723	0,763	0,59	0,5901	17,057	487,468	85,632
47,922	13,994	50,377	14,751	53,105	0,723	0,7631	0,5901	0,5902	17,059	487,399	85,59
47,922	13,994	50,377	14,75	53,101	0,723	0,7631	0,5901	0,591	17,081	486,779	85,362
48,96	14,293	51,455	15,067	54,242	0,718	0,758	0,5861	0,5862	16,943	490,726	83,007
48,99	14,302	51,487	15,077	54,276	0,718	0,7578	0,586	0,5861	16,94	490,816	85,651
49,052	14,319	51,55	15,095	54,341	0,719	0,7584	0,5864	0,5866	16,952	490,466	85,537
49,024	14,311	51,521	15,086	54,311	0,719	0,7586	0,5866	0,5868	16,958	490,3	85,563
49,017	14,309	51,514	15,084	54,303	0,719	0,7586	0,5866	0,5867	16,957	490,331	83,031
49,028	14,313	51,526	15,088	54,316	0,718	0,7578	0,5859	0,5861	16,939	490,84	85,714
49,024	14,312	51,524	15,087	54,314	0,718	0,7573	0,5856	0,5857	16,928	491,167	83,158
49,061	14,322	51,56	15,098	54,352	0,718	0,7581	0,5861	0,5863	16,945	490,674	85,668
49,073	14,326	51,572	15,101	54,365	0,719	0,7583	0,5864	0,5865	16,951	490,507	85,617
49,077	14,327	51,576	15,102	54,369	0,719	0,7587	0,5866	0,5868	16,958	490,292	82,667
49,043	14,317	51,541	15,092	54,332	0,719	0,7589	0,5868	0,587	16,965	490,105	82,755
49,044	14,317	51,542	15,092	54,333	0,719	0,7591	0,587	0,5871	16,968	490,006	82,674
49,154	14,349	51,655	15,126	54,452	0,719	0,7589	0,5868	0,587	16,964	490,125	82,49
48,894	14,28	51,407	15,053	54,19	0,707	0,7465	0,5772	0,5774	16,689	498,22	86,514
48,806	14,256	51,322	15,028	54,101	0,705	0,7435	0,5749	0,5751	16,622	500,213	87,5