Vrijeme od	Vrijeme do	Oznaka mjesta uzorkovanja	Mjesto uzorkovanja	Vrsta mjesta uzorkovanja
1.10.2021 6:00	2.10.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
2.10.2021 6:00	3.10.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
3.10.2021 6:00	4.10.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
4.10.2021 6:00	5.10.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
5.10.2021 6:00	6.10.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
6.10.2021 6:00	7.10.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
7.10.2021 6:00	8.10.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
8.10.2021 6:00	9.10.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
9.10.2021 6:00	10.10.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
10.10.2021 6:00	11.10.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
11.10.2021 6:00	12.10.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
12.10.2021 6:00	13.10.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
13.10.2021 6:00	14.10.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
14.10.2021 6:00	15.10.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
15.10.2021 6:00	16.10.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
1.10.2021 6:00	2.10.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
2.10.2021 6:00	3.10.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
3.10.2021 6:00	4.10.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
4.10.2021 6:00	5.10.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
5.10.2021 6:00	6.10.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
6.10.2021 6:00	7.10.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
7.10.2021 6:00	8.10.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
8.10.2021 6:00	9.10.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
9.10.2021 6:00	10.10.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
10.10.2021 6:00	11.10.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
11.10.2021 6:00	12.10.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
12.10.2021 6:00	13.10.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
13.10.2021 6:00	14.10.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
14.10.2021 6:00	15.10.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
15.10.2021 6:00	16.10.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
1.10.2021 6:00	2.10.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
2.10.2021 6:00	3.10.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
3.10.2021 6:00	4.10.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
4.10.2021 6:00	5.10.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
5.10.2021 6:00	6.10.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
6.10.2021 6:00	7.10.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
7.10.2021 6:00	8.10.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
8.10.2021 6:00	9.10.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
9.10.2021 6:00	10.10.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
10.10.2021 6:00	11.10.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
11.10.2021 6:00	12.10.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
12.10.2021 6:00	13.10.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
13.10.2021 6:00	14.10.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
14.10.2021 6:00	15.10.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
15.10.2021 6:00	16.10.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak

Kromatografska anailza 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 %)
2.10.2021 7:55	0,317	0,061	94,807	4,158	0,519	0,657	0,066	0,047	0,006	0,01	0	-	0,009	-
3.10.2021 7:55	0,264	0,024	94,857	4,274	0,457	0,581	0,062	0,045	0,004	0,007	0	-	0,005	-
4.10.2021 7:55	0,374	0,015	94,747	4,322	0,429	0,542	0,057	0,04	0,004	0,007	0	-	0,006	-
5.10.2021 7:55	0,356	0,012	94,733	4,366	0,423	0,533	0,056	0,038	0,004	0,007	0	-	0,006	-
6.10.2021 7:55	0,41	0,023	94,422	4,593	0,437	0,552	0,059	0,042	0,004	0,006	0	-	0,004	-
7.10.2021 7:55	0,119	0,008	95,558	3,992	0,25	0,323	0,03	0,027	0,003	0,006	0	-	0,007	-
8.10.2021 7:55	0,263	0,07	95,772	3,35	0,407	0,545	0,054	0,054	0,007	0,011	0,001	-	0,011	-
9.10.2021 7:55	0,546	0,166	95,266	3,058	0,716	0,964	0,105	0,099	0,012	0,017	0,001	-	0,013	-
10.10.2021 7:55	0,465	0,108	95,403	3,269	0,571	0,755	0,084	0,075	0,007	0,011	0	-	0,007	-
11.10.2021 7:55	0,466	0,12	95,311	3,299	0,602	0,803	0,091	0,082	0,008	0,012	0	-	0,008	-
12.10.2021 7:55	0,291	0,071	95,179	3,821	0,485	0,639	0,071	0,062	0,005	0,009	0	-	0,006	-
13.10.2021 7:55	0,458	0,108	95,642	3,047	0,557	0,745	0,082	0,077	0,008	0,012	0,001	-	0,008	-
14.10.2021 7:55	0,521	0,129	95,715	2,827	0,6	0,809	0,09	0,086	0,009	0,014	0,001	-	0,009	-
15.10.2021 7:55	0,599	0,15	95,941	2,452	0,632	0,858	0,095	0,094	0,011	0,016	0,001	-	0,01	-
16.10.2021 7:55	0,156	0,037	97,235	2,117	0,354	0,455	0,04	0,046	0,004	0,007	0	-	0,004	-
2.10.2021 7:55	0,254	0,158	95,314	3,799	0,355	0,474	0,047	0,041	0,007	0,011	0,001	-	0,013	-
3.10.2021 7:55	0,582	0,379	94,646	3,618	0,571	0,775	0,083	0,069	0,013	0,017	0,001	-	0,021	-
4.10.2021 7:55	0,458	0,097	94,553	4,189	0,552	0,703	0,073	0,052	0,007	0,01	0	-	0,008	-
5.10.2021 7:55	0,353	0,015	94,696	4,376	0,444	0,56	0,059	0,041	0,005	0,007	0	-	0,004	-
6.10.2021 7:55	0,361	0,019	94,617	4,458	0,433	0,545	0,057	0,04	0,004	0,007	0	-	0,004	-
7.10.2021 7:55	0,152	0,01	95,366	4,117	0,277	0,354	0,034	0,029	0,003	0,006	0	-	0,005	-
8.10.2021 7:55	0,315	0,099	95,824	3,132	0,467	0,63	0,064	0,066	0,009	0,013	0,001	-	0,01	-
9.10.2021 7:55	0,633	0,202	95,559	2,584	0,752	1,022	0,111	0,111	0,014	0,02	0,001	-	0,012	-
10.10.2021 7:55	0,647	0,176	95,876	2,4	0,665	0,9	0,098	0,098	0,012	0,017	0,001	-	0,009	-
11.10.2021 7:55	0,657	0,168	95,909	2,356	0,669	0,91	0,1	0,099	0,012	0,018	0,001	-	0,01	-
12.10.2021 7:55	0,614	0,161	95,9	2,445	0,653	0,88	0,094	0,095	0,011	0,016	0,001	-	0,009	-
13.10.2021 7:55	0,636	0,152	96,141	2,227	0,623	0,843	0,092	0,092	0,011	0,016	0,001	-	0,008	-
14.10.2021 7:55	0,651	0,161	96,121	2,191	0,645	0,877	0,096	0,097	0,012	0,017	0,001	-	0,009	-
15.10.2021 7:55	0,639	0,16	96,086	2,239	0,643	0,876	0,097	0,097	0,012	0,017	0,001	-	0,009	-
16.10.2021 7:55	0,298	0,076	96,79	2,256	0,442	0,581	0,056	0,061	0,007	0,01	0	-	0,006	-
2.10.2021 7:55	0,31	0,016	94,662	4,331	0,558	0,682	0,058	0,049	0,006	0,008	0	0,003	-	0
3.10.2021 7:55	0,686	0,01	94,431	4,304	0,465	0,567	0,046	0,041	0,005	0,007	0	0,003	-	0
4.10.2021 7:55	0,314	0,013	94,698	4,429	0,443	0,546	0,048	0,04	0,005	0,007	0	0,003	-	0
5.10.2021 7:55	0,478	0,01	94,603	4,362	0,449	0,547	0,045	0,039	0,005	0,007	0	0,003	-	0
6.10.2021 7:55	0,367	0,027	94,349	4,702	0,449	0,555	0,051	0,044	0,004	0,006	0	0,002	-	0
7.10.2021 7:55	0,172	0,012	95,13	4,191	0,401	0,496	0,042	0,038	0,004	0,007	0	0,003	-	0
8.10.2021 7:55	0,461	0,099	94,571	3,935	0,737	0,934	0,085	0,084	0,01	0,013	0	0,005	-	0
9.10.2021 7:55	0,348	0,091	94,946	3,88	0,575	0,736	0,068	0,072	0,007	0,01	0	0,004	-	0
10.10.2021 7:55	0,366	0,085	95,102	3,74	0,553	0,706	0,066	0,069	0,006	0,009	0	0,003	-	0
11.10.2021 7:55	0,341	0,088	95,044	3,818	0,553	0,709	0,066	0,07	0,007	0,01	0	0,004	-	0
12.10.2021 7:55	0,269	0,065	95,171	3,88	0,482	0,615	0,056	0,06	0,006	0,008	0	0,003	-	0
13.10.2021 7:55	0,309	0,074	95,116	3,805	0,544	0,696	0,064	0,069	0,006	0,009	0	0,003	-	0
14.10.2021 7:55	0,313	0,081	94,966	3,915	0,565	0,725	0,069	0,073	0,006	0,009	0	0,003	-	0
15.10.2021 7:55	0,409	0,105	95,201	3,482	0,621	0,804	0,075	0,084	0,008	0,012	0	0,004	-	0
16.10.2021 7:55	0,34	0,07	95,986	2,813	0,622	0,79	0,07	0,074	0,008	0,012	0	0,004	-	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
-	-	9,83133	35,393	10,37468	37,349	10,90335	39,252	11,49539	41,383	12,862	46,303	13,571
-	-	9,83472	35,405	10,37825	37,362	10,90731	39,266	11,49955	41,398	12,876	46,355	13,586
-	-	9,82207	35,359	10,3649	37,314	10,89337	39,216	11,48485	41,345	12,858	46,289	13,567
-	-	9,82563	35,372	10,36865	37,327	10,89726	39,23	11,48895	41,36	12,863	46,305	13,572
-	-	9,83938	35,422	10,38318	37,379	10,91175	39,282	11,50426	41,415	12,862	46,305	13,571
-	-	9,83938	35,422	10,32778	37,18	10,85673	39,084	11,44613	41,206	12,869	46,327	13,578
-	-	9,75904	35,133	10,32778	37,18	10,82607	38,974	11,41381	41,09	12,869	46,327	13,531
-	-	9,77208	35,179	10,31215	37,124	10,83869	39,019	11,42719	41,138	12,782	46,016	13,487
-	-	9,76328	35,148	10,30283	37,09	10,83869	39,019	11,41772	41,104	12,782	46,016	13,502
-	-	9,77368	35,185	10,31381	37,13	10,84084	39,027	11,42944	41,146	12,8	46,081	13,506
-	-	9,80464	35,297	10,34649	37,247	10,87482	39,149	11,46527	41,275	12,847	46,25	13,555
-	-	9,74624	35,086	10,28482	37,025	10,8115	38,921	11,39847	41,034	12,787	46,033	13,492
-	-	9,7341	35,043	10,27202	36,979	10,79821	38,874	11,38445	40,984	12,769	45,969	13,473
-	-	9,70547	34,94	10,24179	36,87	10,76718	38,762	11,3517	40,866	12,74	45,863	13,442
-	-	9,66296	34,787	10,19682	36,709	10,72369	38,605	11,30569	40,7	12,787	46,033	13,492
-	-	9,77419	35,187	10,31433	37,132	10,84203	39,031	11,43067	41,15	12,82	46,153	13,527
-	-	9,75974	35,135	10,29914	37,077	10,8245	38,968	11,41227	41,084	12,734	45,843	13,436
-	-	9,82466	35,369	10,36766	37,324	10,89557	39,224	11,4872	41,354	12,836	46,209	13,543
-	-	9,83088	35,391	10,3742	37,347	10,9029	39,25	11,49491	41,382	12,866	46,317	13,575
-	-	9,83273	35,398	10,37616	37,354	10,90482	39,257	11,49694	41,389	12,865	46,313	13,574
-	-	9,79753	35,271	10,33895	37,22	10,86792	39,125	11,45795	41,249	12,871	46,334	13,58
-	-	9,7496	35,099	10,28836	37,038	10,81566	38,936	11,40283	41,05	12,807	46,106	13,513
-	-	9,73571	35,049	10,27375	36,985	10,79928	38,877	11,38561	40,988	12,745	45,88	13,447
-	-	9,70181	34,927	10,23793	36,857	10,76299	38,747	11,34729	40,85	12,728	45,819	13,429
-	-	9,70075	34,923	10,23681	36,853	10,76185	38,743	11,34609	40,846	12,727	45,818	13,429
-	-	9,70625	34,943	10,24262	36,873	10,76793	38,765	11,3525	40,869	12,737	45,852	13,439
-	-	9,68261	34,857	10,21764	36,784	10,74255	38,673	11,3257	40,773	12,722	45,798	13,423
-	-	9,68381	34,862	10,21891	36,788	10,74375	38,677	11,32698	40,777	12,719	45,789	13,42
-	-	9,68846	34,878	10,22382	36,806	10,74877	38,696	11,33228	40,796	12,723	45,804	13,425
-	-	9,67843	34,842	10,21318	36,767	10,73959	38,663	11,32252	40,761	12,773	45,981	13,477
0	0	9,8498	35,459	10,39405	37,419	10,92322	39,324	11,51633	41,459	12,882	46,373	13,591
0	0	9,79398	35,258	10,33512	37,206	10,86202	39,103	11,45177	41,226	12,807	46,105	13,513
0	0	9,83508	35,406	10,37851	37,363	10,90743	39,267	11,49967	41,399	12,873	46,342	13,582
0	0	9,81473	35,333	10,35702	37,285	10,88502	39,186	11,47603	41,314	12,843	46,234	13,55
0	0	9,85031	35,461	10,3946	37,421	10,9235	39,325	11,51664	41,46	12,873	46,344	13,583
0	0	9,82311	35,363	10,36585	37,317	10,89514	39,223	11,48667	41,352	12,882	46,377	13,592
0	0	9,84154	35,43	10,38537	37,387	10,91354	39,289	11,50616	41,422	12,845	46,24	13,552
0	0	9,81647	35,339	10,35887	37,292	10,88711	39,194	11,47825	41,322	12,844	46,239	13,552
0	0	9,7999	35,28	10,34137	37,229	10,8693	39,129	11,45945	41,254	12,833	46,2	13,541
0	0	9,80831	35,31	10,35025	37,261	10,87839	39,162	11,46904	41,289	12,841	46,226	13,548
0	0	9,80616	35,302	10,34797	37,253	10,87644	39,155	11,46696	41,281	12,852	46,266	13,56
0	0	9,80944	35,314	10,35144	37,265	10,87978	39,167	11,4705	41,294	12,847	46,251	13,556
0	0	9,82154	35,358	10,36423	37,311	10,89271	39,214	11,48415	41,343	12,853	46,27	13,561
0	0	9,79168	35,25	10,33269	37,198	10,86027	39,097	11,44993	41,22	12,82	46,152	13,527
0	0	9,74884	35,096	10,28743	37,035	10,81477	38,933	11,40187	41,047	12,809	46,113	13,515

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)
48,855	14,264	51,352	15,037	54,133	0,716	0,7557	0,5843	0,5845	16,891	492,37	84,371
48,91	14,281	51,41	15,054	54,194	0,715	0,7545	0,5834	0,5835	16,865	493,007	84,259
48,84	14,26	51,337	15,033	54,117	0,715	0,7547	0,5835	0,5837	16,87	492,865	84,315
48,858	14,265	51,356	15,038	54,136	0,715	0,7547	0,5835	0,5837	16,87	492,857	84,269
48,857	14,264	51,352	15,037	54,132	0,717	0,7568	0,5852	0,5853	16,918	491,5	83,769
48,881	14,275	51,391	15,048	54,174	0,709	0,748	0,5784	0,5786	16,724	497,179	86,106
48,711	14,226	51,214	14,997	53,988	0,71	0,748	0,5791	0,5786	16,744	496,636	86,389
48,552	14,177	51,038	14,945	53,802	0,716	0,7559	0,5845	0,5846	16,898	492,044	85,02
48,606	14,177	51,038	14,945	53,802	0,716	0,7528	0,5821	0,5846	16,83	494,027	85,582
48,621	14,198	51,113	14,967	53,881	0,714	0,754	0,583	0,5832	16,855	493,307	85,268
48,799	14,25	51,298	15,021	54,076	0,714	0,7532	0,5824	0,5826	16,838	493,779	84,924
48,57	14,185	51,064	14,953	53,829	0,712	0,7513	0,5809	0,5811	16,796	495,016	86,109
48,503	14,165	50,995	14,932	53,756	0,712	0,7515	0,5811	0,5813	16,801	494,897	86,275
48,39	14,133	50,88	14,898	53,635	0,711	0,7506	0,5804	0,5805	16,78	495,485	86,848
48,57	14,191	51,086	14,959	53,852	0,7	0,7386	0,5711	0,5712	16,512	503,531	89,837
48,697	14,221	51,196	14,991	53,968	0,712	0,7518	0,5813	0,5814	16,806	494,721	85,767
48,37	14,124	50,845	14,888	53,598	0,72	0,7597	0,5874	0,5876	16,984	489,616	84,887
48,757	14,235	51,246	15,006	54,021	0,718	0,7577	0,5858	0,586	16,937	490,968	83,981
48,869	14,269	51,367	15,041	54,149	0,715	0,7551	0,5839	0,584	16,88	492,566	84,137
48,866	14,267	51,362	15,04	54,144	0,716	0,7555	0,5842	0,5844	16,889	492,326	84,067
48,888	14,277	51,396	15,05	54,179	0,71	0,7494	0,5795	0,5796	16,754	496,266	85,716
48,648	14,208	51,148	14,977	53,917	0,71	0,7495	0,5795	0,5797	16,754	496,295	86,462
48,409	14,137	50,892	14,902	53,648	0,715	0,7547	0,5836	0,5837	16,872	492,808	85,758
48,344	14,12	50,831	14,884	53,583	0,712	0,7515	0,5811	0,5812	16,799	494,925	86,778
48,343	14,119	50,829	14,884	53,582	0,712	0,7513	0,581	0,5811	16,796	495,02	86,8
48,38	14,13	50,868	14,895	53,622	0,712	0,7511	0,5807	0,5809	16,791	495,189	86,762
48,322	14,114	50,811	14,878	53,562	0,71	0,7492	0,5793	0,5794	16,749	496,43	87,444
48,313	14,111	50,801	14,875	53,552	0,71	0,7497	0,5797	0,5798	16,759	496,12	87,357
48,329	14,116	50,817	14,88	53,569	0,711	0,7499	0,5798	0,58	16,764	495,97	87,244
48,516	14,173	51,023	14,94	53,785	0,704	0,7426	0,5742	0,5744	16,603	500,832	88,819
48,928	14,285	51,427	15,059	54,211	0,716	0,7562	0,5847	0,5849	16,904	491,962	83,693
48,645	14,204	51,133	14,973	53,901	0,717	0,7564	0,5848	0,585	16,908	491,759	84,2
48,896	14,276	51,395	15,049	54,178	0,715	0,7549	0,5837	0,5839	16,876	492,698	84,087
48,782	14,243	51,276	15,015	54,052	0,716	0,7553	0,584	0,5842	16,885	492,443	84,201
48,898	14,276	51,393	15,049	54,176	0,717	0,7572	0,5855	0,5857	16,926	491,215	83,558
48,932	14,288	51,438	15,062	54,223	0,713	0,752	0,5814	0,5816	16,81	494,669	84,79
48,788	14,244	51,277	15,015	54,054	0,719	0,7593	0,5871	0,5872	16,972	489,898	83,36
48,788	14,245	51,282	15,017	54,059	0,716	0,7554	0,5841	0,5843	16,887	492,374	84,357
48,747	14,234	51,242	15,005	54,017	0,715	0,7541	0,5831	0,5833	16,858	493,21	84,786
48,774	14,242	51,27	15,013	54,046	0,715	0,7546	0,5835	0,5836	16,868	492,914	84,604
48,816	14,254	51,316	15,026	54,095	0,713	0,7529	0,5822	0,5824	16,832	493,983	84,899
48,8	14,249	51,298	15,021	54,075	0,714	0,7539	0,583	0,5831	16,854	493,328	84,695
48,82	14,255	51,317	15,027	54,096	0,716	0,7552	0,5839	0,5841	16,881	492,53	84,344
48,696	14,219	51,189	14,989	53,961	0,715	0,7544	0,5833	0,5835	16,865	493,018	84,854
48,653	14,21	51,155	14,979	53,924	0,71	0,7491	0,5793	0,5794	16,747	496,535	86,375