

Vrijeme od	Vrijeme do	Oznaka mjesta uzorkovanja	Mjesto uzorkovanja	Vrsta mjesta uzorkovanja	Zadnja izmjena
1.8.2022 6:00	2.8.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	2.8.2022 7:55
2.8.2022 6:00	3.8.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	3.8.2022 7:55
3.8.2022 6:00	4.8.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	4.8.2022 7:55
4.8.2022 6:00	5.8.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	5.8.2022 7:55
5.8.2022 6:00	6.8.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	6.8.2022 7:55
6.8.2022 6:00	7.8.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	7.8.2022 7:55
7.8.2022 6:00	8.8.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	8.8.2022 7:55
8.8.2022 6:00	9.8.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	9.8.2022 7:55
9.8.2022 6:00	10.8.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	10.8.2022 7:55
10.8.2022 6:00	11.8.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	11.8.2022 7:55
11.8.2022 6:00	12.8.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	12.8.2022 7:55
12.8.2022 6:00	13.8.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	13.8.2022 7:55
13.8.2022 6:00	14.8.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	14.8.2022 7:55
14.8.2022 6:00	15.8.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	15.8.2022 7:55
15.8.2022 6:00	16.8.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	16.8.2022 7:55
1.8.2022 6:00	2.8.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	2.8.2022 7:55
2.8.2022 6:00	3.8.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	3.8.2022 7:55
3.8.2022 6:00	4.8.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	4.8.2022 7:55
4.8.2022 6:00	5.8.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	5.8.2022 7:55
5.8.2022 6:00	6.8.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	6.8.2022 7:55
6.8.2022 6:00	7.8.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	7.8.2022 7:55
7.8.2022 6:00	8.8.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	8.8.2022 7:55
8.8.2022 6:00	9.8.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	9.8.2022 7:55
9.8.2022 6:00	10.8.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	10.8.2022 7:55
10.8.2022 6:00	11.8.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	11.8.2022 7:55
11.8.2022 6:00	12.8.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	12.8.2022 7:55
12.8.2022 6:00	13.8.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	13.8.2022 7:55
13.8.2022 6:00	14.8.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	14.8.2022 7:55
14.8.2022 6:00	15.8.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	15.8.2022 7:55
15.8.2022 6:00	16.8.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	16.8.2022 7:55
1.8.2022 6:00	2.8.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	2.8.2022 7:55
2.8.2022 6:00	3.8.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	3.8.2022 7:55
3.8.2022 6:00	4.8.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	4.8.2022 7:55
4.8.2022 6:00	5.8.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	5.8.2022 7:55
5.8.2022 6:00	6.8.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	6.8.2022 7:55
6.8.2022 6:00	7.8.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	7.8.2022 7:55
7.8.2022 6:00	8.8.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	8.8.2022 7:55
8.8.2022 6:00	9.8.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	9.8.2022 7:55
9.8.2022 6:00	10.8.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	10.8.2022 7:55
10.8.2022 6:00	11.8.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	11.8.2022 7:55
11.8.2022 6:00	12.8.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	12.8.2022 7:55
12.8.2022 6:00	13.8.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	13.8.2022 7:55
13.8.2022 6:00	14.8.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	14.8.2022 7:55
14.8.2022 6:00	15.8.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	15.8.2022 7:55
15.8.2022 6:00	16.8.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	16.8.2022 7:55

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 %)
0,727	0,825	92,636	4,28	1,074	1,532	0,176	0,166	0,029	0,039	0,002	-	0,045	-	-
0,664	0,748	93,183	4,025	0,965	1,379	0,158	0,15	0,026	0,035	0,002	-	0,042	-	-
0,734	0,823	92,923	4,104	0,992	1,416	0,162	0,154	0,027	0,036	0,002	-	0,044	-	-
0,751	0,827	92,801	4,145	1,035	1,475	0,169	0,159	0,028	0,037	0,002	-	0,044	-	-
0,728	0,828	92,889	4,141	0,987	1,413	0,161	0,155	0,027	0,036	0,002	-	0,044	-	-
0,702	0,817	93,024	4,094	0,951	1,362	0,155	0,148	0,027	0,035	0,002	-	0,044	-	-
0,715	0,824	92,999	4,078	0,966	1,384	0,158	0,149	0,027	0,036	0,002	-	0,045	-	-
0,745	0,845	92,781	4,142	1,043	1,487	0,171	0,158	0,029	0,038	0,002	-	0,046	-	-
0,773	0,894	92,586	4,216	1,073	1,531	0,176	0,162	0,03	0,04	0,002	-	0,048	-	-
0,768	0,888	92,686	4,128	1,066	1,53	0,179	0,161	0,031	0,041	0,002	-	0,05	-	-
0,804	0,892	92,623	4,078	1,119	1,604	0,188	0,165	0,034	0,043	0,002	-	0,054	-	-
0,82	0,909	92,666	4,04	1,093	1,565	0,182	0,159	0,033	0,042	0,002	-	0,054	-	-
0,823	0,931	92,704	4,016	1,065	1,526	0,178	0,155	0,032	0,041	0,002	-	0,054	-	-
0,843	0,961	92,595	4,035	1,092	1,566	0,183	0,158	0,033	0,042	0,002	-	0,056	-	-
0,816	0,924	92,704	4,003	1,082	1,553	0,182	0,159	0,032	0,042	0,002	-	0,054	-	-
0,749	0,858	92,526	4,299	1,099	1,568	0,182	0,171	0,03	0,04	0,002	-	0,044	-	-
0,716	0,827	92,826	4,149	1,037	1,482	0,173	0,162	0,029	0,038	0,002	-	0,043	-	-
0,736	0,831	92,903	4,104	0,998	1,426	0,165	0,156	0,027	0,036	0,002	-	0,042	-	-
0,752	0,835	92,792	4,147	1,035	1,475	0,17	0,16	0,028	0,037	0,002	-	0,042	-	-
0,728	0,835	92,892	4,136	0,985	1,409	0,162	0,155	0,027	0,036	0,002	-	0,042	-	-
0,72	0,85	92,881	4,145	0,979	1,404	0,162	0,154	0,027	0,036	0,002	-	0,043	-	-
0,722	0,84	92,944	4,094	0,977	1,4	0,162	0,152	0,027	0,036	0,002	-	0,043	-	-
0,759	0,872	92,674	4,177	1,064	1,519	0,176	0,163	0,03	0,039	0,002	-	0,045	-	-
0,777	0,908	92,551	4,224	1,079	1,54	0,179	0,164	0,03	0,04	0,002	-	0,046	-	-
0,768	0,892	92,68	4,122	1,071	1,538	0,182	0,163	0,031	0,04	0,002	-	0,049	-	-
0,805	0,901	92,615	4,076	1,118	1,603	0,189	0,166	0,034	0,042	0,002	-	0,052	-	-
0,82	0,917	92,657	4,043	1,091	1,563	0,184	0,16	0,033	0,041	0,002	-	0,052	-	-
0,824	0,942	92,685	4,019	1,067	1,529	0,18	0,156	0,032	0,04	0,002	-	0,053	-	-
0,844	0,971	92,582	4,031	1,094	1,572	0,186	0,16	0,033	0,042	0,002	-	0,055	-	-
0,815	0,93	92,705	3,998	1,081	1,553	0,183	0,16	0,032	0,041	0,002	-	0,053	-	-
0,337	0,362	94,612	3,772	0,668	0,916	0,085	0,105	0,015	0,022	0	0,012	-	0,007	0
0,655	0,75	93,06	4,169	0,988	1,365	0,131	0,155	0,026	0,035	0	0,018	-	0,013	0
0,696	0,791	93,085	4,108	0,951	1,32	0,126	0,15	0,026	0,034	0	0,018	-	0,015	0
0,717	0,793	93,031	4,097	0,982	1,362	0,13	0,154	0,026	0,035	0	0,019	-	0,015	0
0,727	0,809	92,939	4,14	0,999	1,385	0,132	0,157	0,027	0,036	0	0,019	-	0,015	0
0,716	0,817	92,975	4,136	0,977	1,357	0,13	0,154	0,027	0,035	0	0,019	-	0,015	0
0,696	0,808	93,12	4,063	0,941	1,312	0,126	0,149	0,027	0,035	0	0,019	-	0,016	0
0,723	0,828	92,946	4,127	0,99	1,375	0,131	0,154	0,028	0,036	0	0,02	-	0,016	0
0,689	0,779	93,196	4,027	0,945	1,309	0,124	0,145	0,026	0,034	0	0,019	-	0,015	0
0,556	0,599	94,16	3,663	0,744	1,023	0,095	0,111	0,02	0,026	0	0,014	-	0,011	0
0,731	0,822	93,016	4,017	1,017	1,414	0,137	0,155	0,029	0,038	0	0,02	-	0,017	0
0,582	0,621	93,631	4,009	0,841	1,157	0,111	0,126	0,022	0,029	0	0,015	-	0,013	0
0,269	0,236	94,927	3,927	0,483	0,642	0,059	0,07	0,008	0,011	0	0,007	-	0,003	0
0,126	0,067	95,601	3,791	0,322	0,414	0,037	0,045	0,003	0,004	0	0,003	-	0	0
0,269	0,243	95,051	3,807	0,471	0,63	0,059	0,068	0,009	0,012	0	0,008	-	0,003	0

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
-	9,89162	35,61	10,438572	37,579	10,963696	39,469	11,55937	41,614	12,72	45,791	13,421
-	9,858962	35,492	10,404049	37,455	10,92921	39,345	11,52293	41,483	12,72	45,792	13,421
-	9,857985	35,489	10,403037	37,451	10,927632	39,339	11,521291	41,477	12,699	45,718	13,399
-	9,869056	35,529	10,414735	37,493	10,939417	39,382	11,533738	41,521	12,703	45,731	13,404
-	9,860524	35,498	10,405719	37,461	10,930352	39,349	11,524163	41,487	12,701	45,722	13,401
-	9,851954	35,467	10,396661	37,428	10,921304	39,317	11,514603	41,453	12,7	45,721	13,4
-	9,852755	35,47	10,39751	37,431	10,92209	39,32	11,515437	41,456	12,698	45,713	13,398
-	9,870364	35,533	10,416121	37,498	10,940778	39,387	11,53518	41,527	12,702	45,726	13,402
-	9,876426	35,555	10,422536	37,521	10,94699	39,409	11,541754	41,55	12,694	45,698	13,394
-	9,871999	35,539	10,417859	37,504	10,942293	39,392	11,536794	41,532	12,693	45,695	13,393
-	9,878003	35,561	10,424209	37,527	10,948585	39,415	11,543447	41,556	12,692	45,691	13,392
-	9,865186	35,515	10,410672	37,478	10,934726	39,365	11,528818	41,504	12,68	45,647	13,379
-	9,854392	35,476	10,399272	37,437	10,923066	39,323	11,516512	41,459	12,669	45,61	13,368
-	9,858583	35,491	10,403707	37,453	10,927374	39,339	11,521072	41,476	12,665	45,592	13,363
-	9,859561	35,494	10,404732	37,457	10,928657	39,343	11,522413	41,481	12,674	45,627	13,373
-	9,8937	35,617	10,440777	37,587	10,965722	39,477	11,561521	41,621	12,713	45,766	13,414
-	9,873954	35,546	10,419908	37,512	10,9448	39,401	11,539417	41,542	12,71	45,756	13,411
-	9,858173	35,489	10,403237	37,452	10,927794	39,34	11,521464	41,477	12,698	45,712	13,398
-	9,867965	35,525	10,413584	37,489	10,938218	39,378	11,532474	41,517	12,701	45,724	13,402
-	9,858524	35,491	10,403608	37,453	10,928185	39,341	11,521877	41,479	12,698	45,714	13,398
-	9,857985	35,489	10,40304	37,451	10,927581	39,339	11,521241	41,476	12,696	45,707	13,396
-	9,85427	35,475	10,399114	37,437	10,923631	39,325	11,517069	41,461	12,696	45,704	13,396
-	9,874449	35,548	10,420442	37,514	10,945007	39,402	11,539653	41,543	12,698	45,713	13,398
-	9,876539	35,556	10,422659	37,522	10,947045	39,409	11,541816	41,551	12,691	45,689	13,391
-	9,872203	35,54	10,418076	37,505	10,942494	39,393	11,537008	41,533	12,692	45,692	13,392
-	9,876425	35,555	10,422544	37,521	10,946856	39,409	11,541622	41,55	12,689	45,681	13,389
-	9,86394	35,51	10,409357	37,474	10,933359	39,36	11,527377	41,499	12,678	45,639	13,376
-	9,853791	35,474	10,398639	37,435	10,922376	39,321	11,515786	41,457	12,667	45,601	13,365
-	9,858028	35,489	10,403123	37,451	10,926738	39,336	11,520403	41,473	12,662	45,585	13,361
-	9,858441	35,49	10,40355	37,453	10,927442	39,339	11,521132	41,476	12,673	45,622	13,371
0	9,821064	35,356	10,363776	37,31	10,891088	39,208	11,482517	41,337	12,801	46,083	13,506
0	9,862862	35,506	10,408036	37,469	10,933296	39,36	11,527216	41,498	12,723	45,803	13,424
0	9,843548	35,437	10,387643	37,396	10,912295	39,284	11,505058	41,418	12,7	45,721	13,4
0	9,847856	35,452	10,392196	37,412	10,91683	39,301	11,509851	41,435	12,7	45,721	13,4
0	9,852762	35,47	10,397384	37,431	10,921995	39,319	11,515308	41,455	12,699	45,718	13,399
0	9,848161	35,453	10,392523	37,413	10,917076	39,301	11,510115	41,436	12,697	45,708	13,397
0	9,838229	35,418	10,382027	37,375	10,906534	39,264	11,498981	41,396	12,694	45,7	13,394
0	9,84913	35,457	10,39355	37,417	10,918045	39,305	11,511142	41,44	12,694	45,7	13,394
0	9,837887	35,416	10,381658	37,374	10,906302	39,263	11,498727	41,395	12,7	45,72	13,4
0	9,789565	35,242	10,330561	37,19	10,855662	39,08	11,445198	41,203	12,717	45,782	13,418
0	9,847794	35,452	10,392139	37,412	10,91661	39,3	11,509629	41,435	12,694	45,697	13,393
0	9,834106	35,403	10,377623	37,359	10,903217	39,252	11,495414	41,383	12,737	45,852	13,438
0	9,801167	35,284	10,342722	37,234	10,87046	39,134	11,460693	41,258	12,819	46,149	13,526
0	9,780112	35,208	10,320437	37,154	10,84903	39,057	11,43801	41,177	12,853	46,27	13,561
0	9,789875	35,244	10,330796	37,191	10,858332	39,09	11,447891	41,212	12,811	46,12	13,517

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)
48,315	14,098	50,753	14,862	53,503	0,741	0,7822	0,6048	0,605	17,482	475,61	80,321
48,317	14,101	50,763	14,865	53,513	0,736	0,7769	0,6007	0,6009	17,366	478,79	81,361
48,238	14,077	50,678	14,84	53,423	0,738	0,7793	0,6026	0,6028	17,417	477,4	81,111
48,253	14,081	50,691	14,844	53,437	0,74	0,7806	0,6036	0,6038	17,448	476,545	80,788
48,243	14,078	50,682	14,841	53,428	0,739	0,7796	0,6028	0,603	17,425	477,168	81,044
48,241	14,079	50,683	14,841	53,429	0,737	0,7783	0,6018	0,6019	17,395	477,975	81,328
48,233	14,076	50,674	14,839	53,419	0,738	0,7787	0,6021	0,6022	17,404	477,738	81,267
48,247	14,079	50,685	14,842	53,431	0,74	0,781	0,6039	0,6041	17,456	476,314	80,743
48,218	14,07	50,652	14,832	53,396	0,742	0,7829	0,6053	0,6055	17,499	475,151	80,457
48,214	14,069	50,649	14,831	53,392	0,741	0,7823	0,6049	0,6051	17,486	475,5	80,572
48,21	14,067	50,643	14,829	53,386	0,742	0,7834	0,6057	0,6059	17,51	474,839	80,325
48,163	14,054	50,596	14,816	53,336	0,742	0,7829	0,6053	0,6055	17,498	475,157	80,566
48,124	14,043	50,556	14,804	53,294	0,741	0,7825	0,605	0,6052	17,489	475,42	80,787
48,106	14,038	50,535	14,798	53,273	0,743	0,7837	0,606	0,6062	17,517	474,662	80,591
48,143	14,048	50,574	14,809	53,314	0,742	0,7827	0,6052	0,6054	17,494	475,288	80,688
48,289	14,09	50,725	14,854	53,473	0,742	0,7833	0,6057	0,6059	17,508	474,904	80,174
48,279	14,088	50,718	14,852	53,466	0,74	0,7805	0,6035	0,6037	17,446	476,587	80,756
48,232	14,075	50,672	14,838	53,417	0,739	0,7796	0,6028	0,6029	17,424	477,191	81,086
48,245	14,079	50,684	14,841	53,429	0,74	0,7807	0,6036	0,6038	17,449	476,506	80,805
48,234	14,076	50,674	14,839	53,419	0,739	0,7795	0,6027	0,6029	17,424	477,192	81,086
48,226	14,074	50,666	14,836	53,41	0,739	0,7797	0,6029	0,6031	17,427	477,094	81,091
48,224	14,073	50,664	14,836	53,408	0,738	0,7792	0,6025	0,6027	17,416	477,404	81,194
48,234	14,075	50,669	14,837	53,414	0,741	0,7821	0,6047	0,6049	17,48	475,648	80,572
48,208	14,067	50,641	14,829	53,384	0,742	0,7833	0,6056	0,6058	17,507	474,936	80,427
48,211	14,068	50,646	14,83	53,389	0,741	0,7825	0,605	0,6052	17,489	475,427	80,562
48,2	14,065	50,632	14,826	53,375	0,742	0,7835	0,6058	0,606	17,512	474,796	80,349
48,155	14,052	50,587	14,813	53,327	0,742	0,783	0,6054	0,6056	17,5	475,119	80,587
48,115	14,041	50,546	14,801	53,284	0,742	0,7827	0,6051	0,6053	17,493	475,303	80,785
48,098	14,035	50,526	14,795	53,264	0,743	0,7839	0,6061	0,6063	17,521	474,555	80,589
48,137	14,047	50,569	14,808	53,308	0,742	0,7827	0,6052	0,6054	17,494	475,289	80,714
48,622	14,196	51,104	14,964	53,871	0,721	0,7613	0,5886	0,5888	17,017	488,632	83,696
48,328	14,104	50,775	14,868	53,525	0,736	0,7772	0,6009	0,6011	17,371	478,643	81,19
48,241	14,079	50,685	14,842	53,431	0,736	0,7769	0,6007	0,6009	17,365	478,802	81,505
48,241	14,079	50,684	14,841	53,429	0,737	0,7776	0,6013	0,6014	17,381	478,377	81,345
48,238	14,078	50,679	14,84	53,424	0,738	0,7785	0,6019	0,6021	17,4	477,839	81,178
48,227	14,075	50,669	14,837	53,414	0,737	0,7781	0,6016	0,6018	17,392	478,077	81,301
48,218	14,073	50,662	14,835	53,406	0,736	0,7768	0,6006	0,6008	17,363	478,862	81,601
48,219	14,072	50,66	14,834	53,404	0,738	0,7785	0,602	0,6021	17,401	477,815	81,239
48,24	14,079	50,685	14,842	53,43	0,735	0,7761	0,6001	0,6002	17,347	479,326	81,677
48,303	14,102	50,767	14,865	53,515	0,726	0,7664	0,5926	0,5928	17,132	485,63	83,555
48,216	14,071	50,657	14,834	53,401	0,738	0,7784	0,6019	0,602	17,399	477,89	81,254
48,378	14,121	50,837	14,886	53,589	0,731	0,771	0,5962	0,5964	17,235	482,488	82,312
48,692	14,218	51,184	14,988	53,955	0,716	0,756	0,5846	0,5847	16,9	492,001	84,682
48,82	14,258	51,328	15,03	54,107	0,71	0,7488	0,579	0,5792	16,74	496,693	86,058
48,661	14,209	51,154	14,979	53,923	0,716	0,7552	0,584	0,5841	16,883	492,519	84,951