

Vrijeme od	Vrijeme do	Oznaka mjesta uzorkovanja	Mjesto uzorkovanja	Vrsta mjesta uzorkovanja
1.7.2022 6:00	2.7.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
2.7.2022 6:00	3.7.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
3.7.2022 6:00	4.7.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
4.7.2022 6:00	5.7.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
5.7.2022 6:00	6.7.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
6.7.2022 6:00	7.7.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
7.7.2022 6:00	8.7.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
8.7.2022 6:00	9.7.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
9.7.2022 6:00	10.7.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
10.7.2022 6:00	11.7.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
11.7.2022 6:00	12.7.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
12.7.2022 6:00	13.7.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
13.7.2022 6:00	14.7.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
14.7.2022 6:00	15.7.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
15.7.2022 6:00	16.7.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
1.7.2022 6:00	2.7.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
2.7.2022 6:00	3.7.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
3.7.2022 6:00	4.7.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
4.7.2022 6:00	5.7.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
5.7.2022 6:00	6.7.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
6.7.2022 6:00	7.7.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
7.7.2022 6:00	8.7.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
8.7.2022 6:00	9.7.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
9.7.2022 6:00	10.7.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
10.7.2022 6:00	11.7.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
11.7.2022 6:00	12.7.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
12.7.2022 6:00	13.7.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
13.7.2022 6:00	14.7.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
14.7.2022 6:00	15.7.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
15.7.2022 6:00	16.7.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
1.7.2022 6:00	2.7.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
2.7.2022 6:00	3.7.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
3.7.2022 6:00	4.7.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
4.7.2022 6:00	5.7.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
5.7.2022 6:00	6.7.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
6.7.2022 6:00	7.7.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
7.7.2022 6:00	8.7.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
8.7.2022 6:00	9.7.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
9.7.2022 6:00	10.7.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
10.7.2022 6:00	11.7.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
11.7.2022 6:00	12.7.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
12.7.2022 6:00	13.7.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
13.7.2022 6:00	14.7.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
14.7.2022 6:00	15.7.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
15.7.2022 6:00	16.7.2022 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 %)
2.7.2022 7:55	0,606	0,675	93,478	4,147	0,771	1,094	0,125	0,117	0,02	0,027	0,002	-	0,033	-
3.7.2022 7:55	0,685	0,846	93,441	3,949	0,751	1,08	0,123	0,118	0,021	0,027	0,002	-	0,038	-
4.7.2022 7:55	0,512	0,606	94,008	3,992	0,621	0,882	0,1	0,096	0,015	0,02	0,002	-	0,028	-
6.7.2022 8:18	0,249	0,254	94,82	4,092	0,427	0,585	0,065	0,065	0,006	0,009	0,001	-	0,012	-
6.7.2022 8:18	0,371	0,425	94,482	4,007	0,51	0,715	0,08	0,08	0,01	0,014	0,002	-	0,02	-
7.7.2022 7:55	0,311	0,341	94,577	4,105	0,481	0,666	0,074	0,073	0,009	0,012	0,001	-	0,016	-
8.7.2022 7:55	0,424	0,513	94,11	4,145	0,576	0,808	0,091	0,088	0,012	0,017	0,002	-	0,023	-
9.7.2022 7:55	0,406	0,515	94,364	3,942	0,549	0,773	0,086	0,084	0,012	0,017	0,001	-	0,023	-
10.7.2022 7:55	0,596	0,777	93,647	3,984	0,697	0,995	0,113	0,106	0,019	0,025	0,002	-	0,034	-
11.7.2022 7:55	0,444	0,576	94,314	3,828	0,591	0,838	0,094	0,089	0,015	0,02	0,002	-	0,027	-
12.7.2022 7:55	0,363	0,483	94,66	3,767	0,515	0,727	0,081	0,078	0,012	0,017	0,001	-	0,023	-
13.7.2022 7:55	0,243	0,283	94,701	4,135	0,465	0,639	0,071	0,069	0,008	0,011	0,001	-	0,014	-
14.7.2022 7:55	0,268	0,311	94,724	4,02	0,486	0,676	0,076	0,073	0,009	0,014	0,001	-	0,017	-
15.7.2022 7:55	0,108	0,105	95,567	3,756	0,339	0,463	0,05	0,051	0,005	0,008	0,001	-	0,009	-
16.7.2022 7:55	0,223	0,255	94,953	3,926	0,462	0,643	0,071	0,071	0,009	0,013	0,001	-	0,016	-
2.7.2022 7:55	0,784	0,901	92,998	4,001	0,918	1,316	0,153	0,142	0,026	0,034	0,002	-	0,041	-
3.7.2022 7:55	0,695	0,874	93,432	3,922	0,748	1,077	0,123	0,119	0,021	0,027	0,002	-	0,036	-
4.7.2022 7:55	0,711	0,876	93,441	3,867	0,767	1,106	0,127	0,121	0,022	0,029	0,002	-	0,038	-
6.7.2022 8:18	0,662	0,807	93,8	3,695	0,714	1,036	0,119	0,116	0,021	0,027	0,002	-	0,037	-
6.7.2022 8:18	0,664	0,823	93,73	3,755	0,709	1,028	0,117	0,115	0,02	0,027	0,002	-	0,037	-
7.7.2022 7:55	0,703	0,859	93,452	3,879	0,767	1,107	0,127	0,122	0,022	0,029	0,002	-	0,038	-
8.7.2022 7:55	0,725	0,933	93,15	4,04	0,802	1,152	0,132	0,125	0,023	0,03	0,002	-	0,038	-
9.7.2022 7:55	0,736	0,988	92,937	4,168	0,82	1,171	0,134	0,125	0,023	0,03	0,002	-	0,038	-
10.7.2022 7:55	0,745	0,998	92,914	4,171	0,819	1,172	0,135	0,125	0,023	0,03	0,002	-	0,039	-
11.7.2022 7:55	0,744	1,011	92,824	4,215	0,845	1,207	0,139	0,128	0,024	0,031	0,002	-	0,039	-
12.7.2022 7:55	0,712	0,997	92,943	4,195	0,807	1,152	0,132	0,123	0,022	0,029	0,002	-	0,037	-
13.7.2022 7:55	0,75	0,969	92,823	4,164	0,9	1,294	0,151	0,138	0,026	0,034	0,002	-	0,043	-
14.7.2022 7:55	0,792	1,011	92,539	4,284	0,958	1,375	0,16	0,146	0,028	0,036	0,002	-	0,045	-
15.7.2022 7:55	0,795	1,023	92,235	4,492	1,019	1,456	0,169	0,156	0,028	0,037	0,002	-	0,045	-
16.7.2022 7:55	0,787	0,983	92,19	4,571	1,026	1,468	0,17	0,161	0,028	0,038	0,002	-	0,043	-
2.7.2022 7:55	0,04	0	94,951	4,65	0,292	0,36	0,029	0,036	0,001	0,001	0	0	-	0
3.7.2022 7:55	0,04	0,003	94,947	4,646	0,294	0,363	0,029	0,037	0,001	0,002	0	0	-	0
4.7.2022 7:55	0,092	0,051	95,123	4,327	0,323	0,408	0,035	0,044	0,002	0,003	0	0,001	-	0
6.7.2022 8:18	0,282	0,299	94,656	4,159	0,455	0,604	0,054	0,068	0,008	0,01	0	0,009	-	0
6.7.2022 8:18	0,246	0,255	94,792	4,141	0,428	0,567	0,051	0,064	0,007	0,009	0	0,008	-	0
7.7.2022 7:55	0,322	0,36	94,573	4,093	0,486	0,653	0,059	0,074	0,009	0,012	0	0,009	-	0,003
8.7.2022 7:55	0,08	0,042	95,185	4,285	0,322	0,408	0,036	0,045	0,001	0,002	0	0,001	-	0
9.7.2022 7:55	0,053	0,008	95,458	4,107	0,295	0,373	0,032	0,042	0,001	0,002	0	0,001	-	0
10.7.2022 7:55	0,042	0	96,229	3,402	0,249	0,326	0,027	0,037	0,003	0,006	0	0,004	-	0
11.7.2022 7:55	0,095	0,075	96,002	3,442	0,292	0,386	0,033	0,044	0,004	0,007	0	0,006	-	0
12.7.2022 7:55	0,163	0,183	95,704	3,487	0,345	0,463	0,04	0,052	0,006	0,01	0	0,007	-	0,001
13.7.2022 7:55	0,114	0,107	95,228	4,093	0,353	0,457	0,04	0,051	0,004	0,006	0	0,004	-	0
14.7.2022 7:55	0,054	0,024	95,462	4,071	0,305	0,389	0,034	0,044	0,002	0,003	0	0,002	-	0
15.7.2022 7:55	0,043	0,015	95,851	3,729	0,279	0,361	0,031	0,041	0,003	0,005	0	0,003	-	0
16.7.2022 7:55	0,055	0,034	95,788	3,741	0,293	0,382	0,033	0,043	0,003	0,006	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
-	-	9,844694	35,441	10,388759	37,4	10,918894	39,308	11,511746	41,442	12,912	46,485	13,624
-	-	9,829307	35,386	10,372694	37,342	10,897879	39,232	11,489816	41,363	12,722	45,798	13,423
-	-	9,790025	35,244	10,331234	37,192	10,854873	39,078	11,444461	41,2	12,66	45,578	13,358
-	-	9,805327	35,299	10,347245	37,25	10,875026	39,15	11,465528	41,276	12,82	46,153	13,527
-	-	9,805327	35,299	10,347245	37,25	10,875026	39,15	11,454194	41,235	12,82	46,153	13,527
-	-	9,79626	35,267	10,33771	37,216	10,864234	39,111	11,454194	41,235	12,771	45,976	13,475
-	-	9,810192	35,317	10,352442	37,269	10,878802	39,164	11,469595	41,291	12,765	45,952	13,468
-	-	9,790414	35,245	10,331555	37,194	10,857528	39,087	11,44714	41,21	12,749	45,895	13,451
-	-	9,792146	35,252	10,333452	37,2	10,85773	39,088	11,447446	41,211	12,684	45,661	13,383
-	-	9,796698	35,268	10,338276	37,218	10,862239	39,104	11,452227	41,228	12,672	45,618	13,37
-	-	9,785287	35,227	10,326155	37,174	10,851675	39,066	11,440983	41,188	12,731	45,831	13,433
-	-	9,776923	35,197	10,317294	37,142	10,843347	39,036	11,432155	41,156	12,751	45,904	13,454
-	-	9,816295	35,339	10,358836	37,292	10,886703	39,192	11,477862	41,32	12,823	46,161	13,529
-	-	9,810044	35,316	10,352242	37,268	10,879812	39,167	11,470599	41,294	12,811	46,12	13,517
-	-	9,786942	35,233	10,327786	37,18	10,8564	39,083	11,445809	41,205	12,852	46,268	13,56
-	-	9,822874	35,362	10,365903	37,317	10,890877	39,207	11,48243	41,337	12,714	45,772	13,415
-	-	9,82107	35,356	10,364054	37,311	10,887592	39,195	11,479038	41,325	12,659	45,572	13,357
-	-	9,783799	35,222	10,324663	37,169	10,848073	39,053	11,437289	41,174	12,651	45,545	13,349
-	-	9,77028	35,173	10,310367	37,117	10,83396	39,002	11,42237	41,121	12,658	45,569	13,356
-	-	9,77028	35,173	10,310367	37,117	10,835317	39,007	11,423807	41,126	12,658	45,569	13,354
-	-	9,771614	35,178	10,311778	37,122	10,835317	39,007	11,423807	41,126	12,656	45,562	13,354
-	-	9,797664	35,272	10,339323	37,222	10,862599	39,105	11,452645	41,23	12,646	45,526	13,343
-	-	9,803781	35,294	10,345794	37,245	10,868909	39,128	11,45932	41,254	12,64	45,502	13,336
-	-	9,802766	35,29	10,344724	37,241	10,867754	39,124	11,458104	41,249	12,636	45,491	13,333
-	-	9,804682	35,297	10,34675	37,248	10,869785	39,131	11,46025	41,257	12,637	45,492	13,333
-	-	9,81068	35,318	10,353088	37,271	10,87619	39,154	11,467014	41,281	12,639	45,5	13,336
-	-	9,803522	35,293	10,345521	37,244	10,868682	39,127	11,459079	41,253	12,64	45,505	13,337
-	-	9,826423	35,375	10,369717	37,331	10,893203	39,216	11,484973	41,346	12,655	45,557	13,352
-	-	9,841937	35,431	10,386119	37,39	10,909515	39,274	11,502212	41,408	12,652	45,547	13,35
-	-	9,869329	35,53	10,41506	37,494	10,938818	39,38	11,533155	41,519	12,666	45,598	13,365
0	0	9,847713	35,452	10,391822	37,411	10,922016	39,319	11,515023	41,454	12,914	46,491	13,626
0	0	9,847642	35,452	10,391748	37,41	10,921926	39,319	11,514929	41,454	12,914	46,489	13,625
0	0	9,82254	35,361	10,365246	37,315	10,89467	39,221	11,486177	41,35	12,885	46,384	13,595
0	0	9,804411	35,296	10,346159	37,246	10,873645	39,145	11,464067	41,271	12,809	46,111	13,514
0	0	9,804134	35,295	10,345856	37,245	10,873644	39,145	11,464051	41,271	12,82	46,153	13,527
0	0	9,799254	35,277	10,340727	37,227	10,867751	39,124	11,457866	41,248	12,79	46,045	13,495
0	0	9,821414	35,357	10,364055	37,311	10,89354	39,217	11,484981	41,346	12,887	46,392	13,597
0	0	9,808425	35,31	10,350326	37,261	10,879848	39,167	11,470517	41,294	12,888	46,398	13,599
0	0	9,751803	35,106	10,290516	37,046	10,819258	38,949	11,406557	41,064	12,858	46,289	13,567
0	0	9,753132	35,111	10,291938	37,051	10,820213	38,953	11,40759	41,067	12,839	46,222	13,547
0	0	9,753639	35,113	10,292499	37,053	10,820111	38,952	11,407515	41,067	12,813	46,126	13,519
0	0	9,807406	35,307	10,349273	37,257	10,878174	39,161	11,468781	41,288	12,863	46,307	13,572
0	0	9,807053	35,305	10,34888	37,256	10,878317	39,162	11,468906	41,288	12,884	46,384	13,594
0	0	9,779929	35,208	10,320227	37,153	10,849333	39,058	11,438308	41,178	12,872	46,338	13,581
0	0	9,781472	35,213	10,321862	37,159	10,850874	39,063	11,439941	41,184	12,868	46,324	13,577

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)
49,047	14,321	51,557	15,097	54,349	0,712	0,7518	0,5813	0,5814	17,257	481,841	82,387
48,323	14,105	50,777	14,869	53,527	0,732	0,7721	0,597	0,5972	17,286	481,013	82,881
48,09	14,038	50,535	14,798	53,272	0,733	0,7734	0,598	0,5981	17,286	485,294	83,595
48,697	14,219	51,188	14,989	53,96	0,717	0,7565	0,585	0,5851	16,911	491,664	84,674
48,697	14,164	50,989	14,931	53,75	0,717	0,7565	0,5884	0,5851	17,01	488,845	84,274
48,511	14,164	50,989	14,931	53,75	0,721	0,761	0,5884	0,5886	16,973	489,866	84,294
48,485	14,155	50,958	14,922	53,718	0,724	0,7639	0,5907	0,5908	17,076	486,504	83,622
48,425	14,138	50,898	14,904	53,654	0,723	0,7627	0,5898	0,5899	17,05	487,67	84,173
48,178	14,064	50,63	14,826	53,372	0,73	0,7709	0,596	0,5962	17,231	482,552	83,176
48,133	14,05	50,58	14,811	53,319	0,732	0,773	0,5977	0,5979	17,079	486,833	84,098
48,358	14,118	50,826	14,883	53,578	0,724	0,7641	0,5908	0,591	17,08	489,225	84,722
48,434	14,142	50,911	14,908	53,668	0,72	0,7604	0,5879	0,5881	16,997	490,751	84,344
48,706	14,221	51,195	14,991	53,967	0,718	0,758	0,5861	0,5862	16,943	490,483	84,379
48,662	14,208	51,149	14,978	53,919	0,719	0,7584	0,5864	0,5865	16,765	495,967	85,882
48,818	14,257	51,323	15,028	54,103	0,711	0,75	0,5799	0,5801	16,766	491,812	84,696
48,295	14,097	50,748	14,86	53,497	0,731	0,772	0,5969	0,5971	17,399	477,867	81,764
48,084	14,033	50,521	14,794	53,257	0,738	0,7785	0,6019	0,6021	17,29	480,894	82,968
48,056	14,028	50,499	14,787	53,234	0,733	0,7735	0,5981	0,5982	17,295	480,75	82,923
48,081	14,036	50,53	14,796	53,267	0,73	0,7705	0,5958	0,5959	17,223	482,752	83,512
48,073	14,034	50,521	14,796	53,267	0,731	0,7705	0,5961	0,5963	17,223	482,471	83,448
48,073	14,034	50,521	14,794	53,257	0,731	0,771	0,5961	0,5963	17,292	480,843	82,881
48,036	14,021	50,475	14,78	53,209	0,736	0,7763	0,6002	0,6004	17,352	479,172	82,445
48,011	14,013	50,446	14,772	53,178	0,737	0,7781	0,6016	0,6018	17,392	478,071	82,185
47,999	14,009	50,433	14,768	53,165	0,737	0,7783	0,6018	0,602	17,397	477,928	82,173
48	14,009	50,433	14,768	53,165	0,738	0,7786	0,602	0,6022	17,418	477,356	81,96
48,008	14,012	50,442	14,771	53,174	0,738	0,7793	0,6025	0,6027	17,418	478,167	82,246
48,014	14,014	50,449	14,773	53,182	0,737	0,778	0,6015	0,6017	17,431	477,003	81,607
48,068	14,028	50,502	14,788	53,238	0,739	0,7798	0,603	0,6031	17,43	475,355	81,085
48,059	14,024	50,488	14,784	53,223	0,742	0,7826	0,6051	0,6053	17,492	473,751	80,41
48,112	14,039	50,539	14,799	53,277	0,744	0,7852	0,6071	0,6073	17,55	473,67	80,195
49,053	14,323	51,563	15,099	54,355	0,713	0,752	0,5815	0,5816	16,811	494,597	84,656
49,05	14,322	51,56	15,098	54,352	0,713	0,7521	0,5815	0,5817	16,812	494,551	84,648
48,94	14,291	51,447	15,065	54,233	0,712	0,7516	0,5812	0,5813	16,802	494,848	85,053
48,652	14,205	51,139	14,975	53,908	0,718	0,7578	0,5859	0,5861	16,939	490,845	84,377
48,696	14,219	51,188	14,989	53,959	0,717	0,7563	0,5848	0,585	16,907	491,77	84,584
48,582	14,185	51,066	14,953	53,831	0,719	0,7591	0,587	0,5871	16,97	489,972	84,335
48,949	14,293	51,456	15,067	54,243	0,712	0,7512	0,5809	0,581	16,793	495,128	85,141
48,955	14,296	51,466	15,07	54,253	0,71	0,749	0,5792	0,5793	16,744	496,56	85,649
48,84	14,266	51,356	15,038	54,136	0,705	0,7439	0,5752	0,5754	16,63	499,969	87,257
48,769	14,244	51,279	15,015	54,055	0,707	0,7463	0,577	0,5772	16,683	498,388	86,848
48,667	14,214	51,169	14,983	53,939	0,71	0,7495	0,5795	0,5797	16,754	496,278	86,386
48,859	14,268	51,363	15,04	54,144	0,712	0,7518	0,5813	0,5815	16,806	494,734	85,207
48,94	14,292	51,451	15,066	54,237	0,71	0,7493	0,5794	0,5795	16,749	496,405	85,625
48,891	14,279	51,405	15,052	54,188	0,707	0,7466	0,5773	0,5775	16,69	498,161	86,406
48,877	14,275	51,389	15,048	54,171	0,708	0,7473	0,5778	0,578	16,706	497,708	86,264