

Vrijeme od	Vrijeme do	Oznaka mjesta uzorkovanja	Mjesto uzorkovanja	Vrsta mjesta uzorkovanja
16.10.2021 6:00	17.10.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
17.10.2021 6:00	18.10.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
18.10.2021 6:00	19.10.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
19.10.2021 6:00	20.10.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
20.10.2021 6:00	21.10.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
21.10.2021 6:00	22.10.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
22.10.2021 6:00	23.10.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
23.10.2021 6:00	24.10.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
24.10.2021 6:00	25.10.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
25.10.2021 6:00	26.10.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
26.10.2021 6:00	27.10.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
27.10.2021 6:00	28.10.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
28.10.2021 6:00	29.10.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
29.10.2021 6:00	30.10.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
30.10.2021 6:00	31.10.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
31.10.2021 6:00	1.11.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
16.10.2021 6:00	17.10.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
17.10.2021 6:00	18.10.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
18.10.2021 6:00	19.10.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
19.10.2021 6:00	20.10.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
20.10.2021 6:00	21.10.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
21.10.2021 6:00	22.10.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
22.10.2021 6:00	23.10.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
23.10.2021 6:00	24.10.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
24.10.2021 6:00	25.10.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
25.10.2021 6:00	26.10.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
26.10.2021 6:00	27.10.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
27.10.2021 6:00	28.10.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
28.10.2021 6:00	29.10.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
29.10.2021 6:00	30.10.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
30.10.2021 6:00	31.10.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
31.10.2021 6:00	1.11.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
16.10.2021 6:00	17.10.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
17.10.2021 6:00	18.10.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
18.10.2021 6:00	19.10.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
19.10.2021 6:00	20.10.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
20.10.2021 6:00	21.10.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
21.10.2021 6:00	22.10.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
22.10.2021 6:00	23.10.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
23.10.2021 6:00	24.10.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
24.10.2021 6:00	25.10.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
25.10.2021 6:00	26.10.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
26.10.2021 6:00	27.10.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
27.10.2021 6:00	28.10.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
28.10.2021 6:00	29.10.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
29.10.2021 6:00	30.10.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
30.10.2021 6:00	31.10.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
31.10.2021 6:00	1.11.2021 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 %)
2.11.2021 12:28	0,009	0	97,868	1,778	0,282	0,345	0,024	0,032	0,002	0,003	0	-	0,001	-
2.11.2021 12:28	0,009	0	97,868	1,778	0,282	0,345	0,024	0,032	0,002	0,003	0	-	0,001	-
2.11.2021 12:28	0,009	0	97,875	1,768	0,285	0,349	0,024	0,033	0,002	0,003	0	-	0,001	-
2.11.2021 12:28	0,011	0	97,885	1,745	0,293	0,359	0,026	0,034	0,002	0,003	0	-	0,001	-
2.11.2021 12:28	0,01	0	97,905	1,733	0,287	0,352	0,025	0,034	0,002	0,003	0	-	0,001	-
2.11.2021 12:28	0,009	0	97,903	1,733	0,289	0,355	0,025	0,034	0,002	0,003	0	-	0,001	-
2.11.2021 12:28	0,01	0	97,896	1,739	0,29	0,356	0,025	0,034	0,002	0,003	0	-	0,001	-
2.11.2021 12:28	0,009	0	97,889	1,744	0,292	0,358	0,026	0,034	0,002	0,003	0	-	0,001	-
2.11.2021 12:28	0,009	0	97,875	1,757	0,294	0,36	0,026	0,035	0,002	0,003	0	-	0,001	-
2.11.2021 12:28	0,007	0	97,839	1,789	0,297	0,365	0,026	0,035	0,002	0,004	0	-	0,001	-
2.11.2021 12:28	0,008	0	97,851	1,778	0,296	0,362	0,026	0,035	0,002	0,003	0	-	0,001	-
2.11.2021 12:28	0,009	0	97,822	1,8	0,301	0,369	0,026	0,035	0,002	0,004	0	-	0,001	-
2.11.2021 12:28	0,034	0,005	96,992	2,4	0,412	0,569	0,066	0,082	0,002	0,004	0,001	-	0,001	-
2.11.2021 12:28	0,054	0,004	95,309	3,604	0,635	1,029	0,166	0,217	0,002	0,006	0,002	-	0,001	-
2.11.2021 12:28	0,064	0,008	95,156	3,72	0,653	1,052	0,169	0,218	0,002	0,006	0,002	-	0,002	-
2.11.2021 12:28	0,048	0,002	95,259	3,645	0,639	1,046	0,171	0,225	0,002	0,006	0,002	-	0,001	-
2.11.2021 12:28	0,052	0,01	97,764	1,797	0,305	0,377	0,027	0,036	0,002	0,004	0	-	0,001	-
2.11.2021 12:28	0,01	0	97,868	1,778	0,283	0,344	0,023	0,032	0,002	0,004	0	-	0,001	-
2.11.2021 12:28	0,01	0	97,865	1,781	0,284	0,345	0,023	0,032	0,002	0,004	0	-	0,001	-
2.11.2021 12:28	0,011	0	97,912	1,728	0,287	0,35	0,024	0,033	0,002	0,003	0	-	0,001	-
2.11.2021 12:28	0,01	0	97,906	1,733	0,288	0,351	0,024	0,033	0,002	0,003	0	-	0,001	-
2.11.2021 12:28	0,011	0	97,906	1,73	0,29	0,354	0,024	0,034	0,002	0,003	0	-	0,001	-
2.11.2021 12:28	0,01	0	97,899	1,736	0,291	0,355	0,024	0,034	0,002	0,003	0	-	0,001	-
2.11.2021 12:28	0,01	0	97,89	1,743	0,293	0,357	0,024	0,034	0,002	0,004	0	-	0,001	-
2.11.2021 12:28	0,009	0	97,879	1,752	0,295	0,359	0,024	0,034	0,002	0,004	0	-	0,001	-
2.11.2021 12:28	0,008	0	97,857	1,776	0,295	0,359	0,024	0,034	0,002	0,004	0	-	0,001	-
2.11.2021 12:28	0,009	0	97,856	1,775	0,296	0,361	0,025	0,034	0,002	0,004	0	-	0,001	-
2.11.2021 12:28	0,009	0	97,833	1,793	0,299	0,365	0,025	0,035	0,002	0,004	0	-	0,001	-
2.11.2021 12:28	0,013	0	97,439	2,076	0,353	0,472	0,048	0,065	0,002	0,004	0	-	0,001	-
2.11.2021 12:28	0,043	0	95,294	3,608	0,637	1,055	0,175	0,232	0,002	0,006	0,002	-	0,001	-
2.11.2021 12:28	0,042	0	95,269	3,629	0,64	1,06	0,176	0,233	0,002	0,006	0,002	-	0,001	-
2.11.2021 12:28	0,042	0	95,288	3,614	0,638	1,056	0,175	0,232	0,002	0,006	0,002	-	0,001	-
2.11.2021 12:28	0,058	0,004	97,143	2,235	0,464	0,56	0,042	0,044	0,003	0,005	0	0,001	-	0
2.11.2021 12:28	0,05	0	97,201	2,204	0,453	0,544	0,039	0,043	0,003	0,006	0	0,001	-	0
2.11.2021 12:28	0,053	0,008	97,14	2,239	0,467	0,561	0,04	0,044	0,004	0,006	0	0,001	-	0
2.11.2021 12:28	0,044	0,001	97,326	2,105	0,436	0,525	0,037	0,043	0,003	0,005	0	0,001	-	0
2.11.2021 12:28	0,071	0,003	96,852	2,411	0,552	0,664	0,05	0,05	0,005	0,007	0	0,001	-	0
2.11.2021 12:28	0,07	0,005	96,853	2,407	0,554	0,666	0,05	0,05	0,004	0,006	0	0,001	-	0
2.11.2021 12:28	0,022	0,001	97,704	1,861	0,343	0,413	0,026	0,037	0,002	0,004	0	0	-	0
2.11.2021 12:28	0,009	0	97,905	1,733	0,293	0,353	0,021	0,034	0,002	0,003	0	0	-	0
2.11.2021 12:28	0,062	0,028	96,945	2,333	0,526	0,633	0,047	0,049	0,004	0,006	0	0,001	-	0
2.11.2021 12:28	0,04	0,012	97,238	2,173	0,448	0,538	0,037	0,044	0,003	0,005	0	0,001	-	0
2.11.2021 12:28	0,053	0,003	96,963	2,355	0,517	0,627	0,049	0,05	0,004	0,006	0	0,001	-	0
2.11.2021 12:28	0,099	0,021	96,541	2,71	0,511	0,629	0,051	0,055	0,004	0,006	0	0,001	-	0
2.11.2021 12:28	0,104	0,025	96,394	2,839	0,511	0,638	0,054	0,063	0,004	0,006	0	0,001	-	0
2.11.2021 12:28	0,122	0,025	95,019	3,839	0,691	0,995	0,122	0,171	0,004	0,007	0	0,001	-	0
2.11.2021 12:28	0,117	0,024	94,862	3,948	0,717	1,049	0,133	0,187	0,004	0,007	0	0,001	-	0
2.11.2021 12:28	0,072	0,009	95,148	3,757	0,662	1,014	0,136	0,206	0,003	0,006	0	0,001	-	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
-	-	9.635516	34,688	10,167806	36,604	10,694939	38,502	11,275316	40,591	12,794	46,058	13,499
-	-	9.635545	34,688	10,167838	36,604	10,694971	38,502	11,27535	40,591	12,794	46,058	13,499
-	-	9.635314	34,687	10,167594	36,603	10,694724	38,501	11,275088	40,59	12,794	46,058	13,499
-	-	9.635162	34,687	10,167433	36,603	10,694553	38,5	11,274909	40,59	12,793	46,056	13,498
-	-	9.633289	34,68	10,165455	36,596	10,692551	38,493	11,272796	40,582	12,792	46,053	13,497
-	-	9.633889	34,682	10,166088	36,598	10,693198	38,496	11,273479	40,585	12,793	46,055	13,498
-	-	9.633889	34,682	10,166608	36,6	10,693198	38,496	11,274034	40,587	12,793	46,055	13,498
-	-	9.635211	34,687	10,167485	36,603	10,693724	38,497	11,274034	40,587	12,794	46,058	13,498
-	-	9.636455	34,691	10,168799	36,608	10,695949	38,505	11,276382	40,595	12,794	46,06	13,5
-	-	9.639678	34,703	10,172202	36,62	10,699405	38,518	11,280032	40,608	12,796	46,067	13,502
-	-	9.638467	34,698	10,170924	36,615	10,698106	38,513	11,278661	40,603	12,796	46,065	13,501
-	-	9.641181	34,708	10,173791	36,626	10,701012	38,524	11,281727	40,614	12,797	46,07	13,502
-	-	9.719188	34,989	10,2562	36,922	10,701012	38,524	11,281727	40,614	12,797	46,07	13,546
-	-	9.891381	35,609	10,438113	37,577	10,968948	39,488	11,564629	41,633	12,936	46,57	13,649
-	-	9.902089	35,648	10,449427	37,618	10,98038	39,529	11,576701	41,676	12,941	46,587	13,654
-	-	9.898323	35,634	10,445447	37,604	10,976419	39,515	11,572516	41,661	12,941	46,588	13,654
-	-	9.637382	34,695	10,169783	36,611	10,696744	38,508	11,277231	40,598	12,788	46,038	13,493
-	-	9.635046	34,686	10,16731	36,602	10,694431	38,5	11,27478	40,589	12,794	46,057	13,499
-	-	9.635429	34,688	10,167715	36,604	10,694843	38,501	11,275216	40,591	12,794	46,058	13,499
-	-	9.632257	34,676	10,164364	36,592	10,691443	38,489	11,271627	40,578	12,792	46,051	13,497
-	-	9.632795	34,678	10,164932	36,594	10,692019	38,491	11,272235	40,58	12,792	46,052	13,497
-	-	9.63298	34,679	10,165128	36,594	10,692218	38,492	11,272444	40,581	12,792	46,052	13,497
-	-	9.633674	34,681	10,165861	36,597	10,692963	38,495	11,27323	40,584	12,793	46,054	13,498
-	-	9.634579	34,684	10,166817	36,601	10,693934	38,498	11,274257	40,587	12,793	46,056	13,498
-	-	9.635699	34,689	10,168	36,605	10,695137	38,502	11,275525	40,592	12,794	46,058	13,499
-	-	9.637528	34,695	10,169931	36,612	10,697098	38,51	11,277597	40,599	12,795	46,063	13,5
-	-	9.637681	34,696	10,170093	36,612	10,697261	38,51	11,277768	40,6	12,795	46,063	13,5
-	-	9.639724	34,703	10,172251	36,62	10,69945	38,518	11,280078	40,608	12,796	46,067	13,502
-	-	9.680282	34,849	10,215099	36,774	10,742899	38,674	11,325953	40,773	12,819	46,15	13,526
-	-	9.898017	35,633	10,445124	37,602	10,976116	39,514	11,572196	41,66	12,942	46,59	13,655
-	-	9.900577	35,642	10,447829	37,612	10,978865	39,524	11,575099	41,67	12,943	46,596	13,657
-	-	9.898737	35,635	10,445886	37,605	10,976893	39,517	11,573016	41,663	12,942	46,592	13,656
0	0	9.698591	34,915	10,234315	36,844	10,762201	38,744	11,346337	40,847	12,824	46,167	13,531
0	0	9.694696	34,901	10,230199	36,829	10,758069	38,729	11,341974	40,831	12,823	46,165	13,53
0	0	9.699062	34,917	10,234811	36,845	10,762711	38,746	11,346874	40,849	12,824	46,168	13,531
0	0	9.684781	34,865	10,21972	36,791	10,747466	38,691	11,330774	40,791	12,818	46,146	13,525
0	0	9.727139	35,018	10,264467	36,952	10,792753	38,854	11,378585	40,963	12,839	46,222	13,547
0	0	9.726935	35,017	10,264248	36,951	10,792529	38,853	11,378346	40,962	12,839	46,221	13,547
0	0	9.650989	34,744	10,184028	36,662	10,711338	38,561	11,292639	40,653	12,801	46,085	13,507
0	0	9.63302	34,679	10,16505	36,594	10,69213	38,492	11,272365	40,581	12,792	46,053	13,497
0	0	9.714773	34,973	10,251404	36,905	10,779443	38,806	11,364534	40,912	12,829	46,184	13,536
0	0	9.691101	34,888	10,226402	36,815	10,754214	38,715	11,337905	40,816	12,821	46,154	13,527
0	0	9.718971	34,988	10,255836	36,921	10,784063	38,823	11,369409	40,93	12,837	46,212	13,544
0	0	9.740105	35,064	10,27817	37,001	10,806466	38,903	11,39307	41,015	12,841	46,226	13,548
0	0	9.750901	35,103	10,289576	37,042	10,818001	38,945	11,405249	41,059	12,846	46,244	13,553
0	0	9.888674	35,599	10,435127	37,566	10,965582	39,476	11,561065	41,62	12,923	46,523	13,635
0	0	9.907093	35,666	10,454585	37,637	10,985343	39,547	11,58193	41,695	12,934	46,564	13,647
0	0	9.894754	35,621	10,441548	37,59	10,972348	39,5	11,568207	41,646	12,935	46,566	13,648

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)
48,596	14,201	51,122	14,969	53,889	0,695	0,7336	0,5672	0,5674	16,4	506,973	91,276
48,596	14,201	51,122	14,969	53,89	0,695	0,7336	0,5672	0,5674	16,4	506,972	91,275
48,596	14,2	51,122	14,969	53,889	0,695	0,7335	0,5672	0,5673	16,4	506,983	91,283
48,594	14,2	51,12	14,969	53,887	0,695	0,7336	0,5672	0,5674	16,4	506,973	91,287
48,591	14,199	51,117	14,968	53,884	0,695	0,7334	0,5671	0,5672	16,396	507,095	91,354
48,593	14,2	51,119	14,968	53,886	0,695	0,7334	0,5671	0,5672	16,397	507,068	91,336
48,593	14,2	51,119	14,969	53,887	0,695	0,7334	0,5671	0,5673	16,398	507,034	91,318
48,593	14,2	51,119	14,969	53,889	0,695	0,7335	0,5672	0,5673	16,4	506,995	91,292
48,599	14,201	51,124	14,97	53,892	0,695	0,7336	0,5673	0,5674	16,402	506,922	91,248
48,606	14,203	51,132	14,972	53,9	0,695	0,7339	0,5675	0,5676	16,408	506,742	91,139
48,603	14,202	51,129	14,971	53,897	0,695	0,7338	0,5674	0,5675	16,406	506,807	91,179
48,609	14,204	51,134	14,973	53,902	0,696	0,734	0,5676	0,5677	16,411	506,644	91,084
48,766	14,204	51,134	14,973	53,902	0,696	0,7412	0,5676	0,5677	16,568	501,889	88,588
49,137	14,345	51,643	15,122	54,44	0,716	0,7562	0,5847	0,5848	16,902	491,92	83,516
49,155	14,35	51,66	15,127	54,457	0,717	0,7572	0,5855	0,5857	16,928	491,176	83,191
49,156	14,351	51,662	15,128	54,46	0,717	0,7566	0,585	0,5852	16,913	491,604	83,351
48,575	14,194	51,098	14,962	53,864	0,696	0,7345	0,5679	0,5681	16,421	506,341	91,061
48,595	14,2	51,121	14,969	53,888	0,695	0,7335	0,5672	0,5673	16,4	506,992	91,288
48,596	14,2	51,122	14,969	53,889	0,695	0,7335	0,5672	0,5674	16,4	506,974	91,277
48,588	14,198	51,114	14,967	53,881	0,695	0,7333	0,567	0,5672	16,395	507,15	91,388
48,59	14,199	51,116	14,967	53,883	0,695	0,7333	0,567	0,5672	16,396	507,12	91,37
48,59	14,199	51,116	14,967	53,883	0,695	0,7334	0,5671	0,5672	16,396	507,106	91,363
48,592	14,199	51,118	14,968	53,885	0,695	0,7334	0,5671	0,5672	16,397	507,069	91,34
48,594	14,2	51,12	14,969	53,887	0,695	0,7335	0,5672	0,5673	16,399	507,021	91,31
48,597	14,201	51,122	14,969	53,89	0,695	0,7336	0,5672	0,5674	16,401	506,961	91,273
48,601	14,202	51,127	14,971	53,894	0,695	0,7337	0,5673	0,5675	16,404	506,862	91,21
48,601	14,202	51,127	14,971	53,895	0,695	0,7337	0,5673	0,5675	16,404	506,85	91,204
48,606	14,203	51,131	14,972	53,899	0,695	0,7339	0,5675	0,5676	16,408	506,731	91,133
48,693	14,227	51,216	14,997	53,989	0,699	0,7374	0,5702	0,5704	16,487	504,385	89,894
49,158	14,351	51,665	15,129	54,463	0,717	0,7565	0,5849	0,5851	16,91	491,682	83,379
49,165	14,353	51,671	15,13	54,469	0,717	0,7567	0,5851	0,5853	16,915	491,552	83,315
49,16	14,352	51,667	15,129	54,465	0,717	0,7566	0,585	0,5851	16,911	491,65	83,361
48,711	14,231	51,23	15,001	54,004	0,701	0,7397	0,5719	0,5721	16,537	502,803	88,989
48,708	14,23	51,228	15	54,002	0,7	0,7392	0,5716	0,5717	16,525	503,152	89,143
48,712	14,231	51,231	15,001	54,004	0,701	0,7397	0,572	0,5721	16,538	502,782	88,977
48,689	14,225	51,209	14,995	53,982	0,7	0,7382	0,5708	0,571	16,505	503,815	89,491
48,769	14,246	51,286	15,017	54,063	0,703	0,7423	0,5739	0,5741	16,594	501,094	88,049
48,768	14,246	51,284	15,017	54,061	0,703	0,7423	0,574	0,5741	16,594	501,108	88,055
48,624	14,208	51,148	14,977	53,917	0,696	0,735	0,5684	0,5685	16,434	505,968	90,695
48,59	14,199	51,116	14,968	53,883	0,695	0,7333	0,567	0,5672	16,395	507,123	91,362
48,729	14,235	51,246	15,006	54,02	0,703	0,7416	0,5734	0,5736	16,579	501,577	88,414
48,697	14,227	51,217	14,997	53,99	0,7	0,739	0,5714	0,5715	16,52	503,301	89,274
48,759	14,244	51,277	15,015	54,053	0,702	0,7413	0,5732	0,5734	16,573	501,73	88,358
48,773	14,246	51,287	15,018	54,064	0,705	0,7441	0,5754	0,5755	16,636	499,833	87,499
48,792	14,251	51,305	15,023	54,083	0,706	0,7452	0,5762	0,5764	16,659	499,115	87,149
49,087	14,331	51,59	15,107	54,384	0,717	0,7572	0,5855	0,5857	16,927	491,206	83,289
49,13	14,342	51,632	15,119	54,428	0,719	0,7587	0,5867	0,5868	16,96	490,241	82,836
49,133	14,344	51,638	15,121	54,434	0,717	0,7568	0,5852	0,5853	16,916	491,508	83,313