

Vrijeme od	Vrijeme do	Oznaka mjesta uzorkovanja	Mjesto uzorkovanja	Vrsta mjesta uzorkovanja
16.10.2020 6:00	17.10.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
17.10.2020 6:00	18.10.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
18.10.2020 6:00	19.10.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
19.10.2020 6:00	20.10.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
20.10.2020 6:00	21.10.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
21.10.2020 6:00	22.10.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
22.10.2020 6:00	23.10.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
23.10.2020 6:00	24.10.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
24.10.2020 6:00	25.10.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
25.10.2020 6:00	26.10.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
26.10.2020 6:00	27.10.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
27.10.2020 6:00	28.10.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
28.10.2020 6:00	29.10.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
29.10.2020 6:00	30.10.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
30.10.2020 6:00	31.10.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
31.10.2020 6:00	1.11.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
16.10.2020 6:00	17.10.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
17.10.2020 6:00	18.10.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
18.10.2020 6:00	19.10.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
19.10.2020 6:00	20.10.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
20.10.2020 6:00	21.10.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
21.10.2020 6:00	22.10.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
22.10.2020 6:00	23.10.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
23.10.2020 6:00	24.10.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
24.10.2020 6:00	25.10.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
25.10.2020 6:00	26.10.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
26.10.2020 6:00	27.10.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
27.10.2020 6:00	28.10.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
28.10.2020 6:00	29.10.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
29.10.2020 6:00	30.10.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
30.10.2020 6:00	31.10.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
31.10.2020 6:00	1.11.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
16.10.2020 6:00	17.10.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
17.10.2020 6:00	18.10.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
18.10.2020 6:00	19.10.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
19.10.2020 6:00	20.10.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
20.10.2020 6:00	21.10.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
21.10.2020 6:00	22.10.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
22.10.2020 6:00	23.10.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
23.10.2020 6:00	24.10.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
24.10.2020 6:00	25.10.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
25.10.2020 6:00	26.10.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
26.10.2020 6:00	27.10.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
27.10.2020 6:00	28.10.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
28.10.2020 6:00	29.10.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
29.10.2020 6:00	30.10.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
30.10.2020 6:00	31.10.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
31.10.2020 6:00	1.11.2020 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 %)
2.11.2020 11:26	0,65	0,206	95,252	2,744	0,856	1,149	0,122	0,117	0,015	0,021	0,001		0,017	
2.11.2020 11:26	0,645	0,189	95,334	2,704	0,843	1,127	0,12	0,113	0,014	0,02	0,001		0,016	
2.11.2020 11:26	0,665	0,204	95,456	2,601	0,796	1,074	0,115	0,112	0,014	0,02	0,001		0,016	
2.11.2020 11:26	0,654	0,187	95,419	2,672	0,799	1,068	0,113	0,108	0,013	0,018	0,001		0,015	
2.11.2020 11:26	0,639	0,192	95,437	2,68	0,788	1,052	0,111	0,106	0,012	0,018	0,001		0,015	
2.11.2020 11:26	0,649	0,208	95,353	2,736	0,79	1,054	0,111	0,105	0,013	0,018	0,001		0,016	
2.11.2020 11:26	0,642	0,185	95,489	2,632	0,788	1,052	0,111	0,106	0,013	0,018	0,001		0,015	
2.11.2020 11:26	0,63	0,171	95,454	2,667	0,809	1,078	0,115	0,107	0,013	0,018	0,001		0,015	
2.11.2020 11:26	0,63	0,172	95,442	2,667	0,815	1,09	0,117	0,11	0,013	0,019	0,001		0,015	
2.11.2020 11:26	0,625	0,172	95,384	2,706	0,832	1,113	0,12	0,112	0,013	0,019	0,001		0,015	
2.11.2020 11:26	0,626	0,173	95,525	2,586	0,81	1,09	0,117	0,113	0,014	0,019	0,001		0,016	
2.11.2020 11:26	0,632	0,183	95,584	2,535	0,79	1,066	0,114	0,112	0,013	0,019	0,001		0,016	
2.11.2020 11:26	0,621	0,19	95,27	2,796	0,845	1,123	0,118	0,112	0,013	0,019	0,001		0,015	
2.11.2020 11:26	0,63	0,199	95,372	2,706	0,818	1,094	0,115	0,112	0,013	0,019	0,001		0,016	
2.11.2020 11:26	0,807	0,181	95,295	2,694	0,764	1,024	0,107	0,106	0,013	0,018	0,001		0,015	
2.11.2020 11:26	0,673	0,197	95,369	2,705	0,788	1,056	0,11	0,107	0,014	0,02	0,001		0,016	
2.11.2020 11:26	0,662	0,259	95,44	2,592	0,771	1,047	0,112	0,112	0,015	0,021	0,001		0,015	
2.11.2020 11:26	0,643	0,247	95,552	2,565	0,732	0,994	0,106	0,107	0,014	0,02	0,001		0,014	
2.11.2020 11:26	0,664	0,236	95,542	2,544	0,749	1,014	0,108	0,108	0,014	0,02	0,001		0,013	
2.11.2020 11:26	0,65	0,215	95,578	2,533	0,76	1,023	0,109	0,108	0,014	0,019	0,001		0,012	
2.11.2020 11:26	0,644	0,195	95,625	2,52	0,759	1,016	0,107	0,106	0,013	0,018	0,001		0,011	
2.11.2020 11:26	0,655	0,239	95,573	2,552	0,729	0,981	0,104	0,102	0,013	0,018	0,001		0,013	
2.11.2020 11:26	0,648	0,243	95,571	2,566	0,721	0,972	0,103	0,102	0,013	0,018	0,001		0,014	
2.11.2020 11:26	0,643	0,2	95,597	2,538	0,764	1,023	0,11	0,106	0,013	0,018	0,001		0,012	
2.11.2020 11:26	0,661	0,254	95,531	2,551	0,741	1,004	0,108	0,106	0,014	0,019	0,001		0,014	
2.11.2020 11:26	0,655	0,248	95,566	2,527	0,738	1,003	0,108	0,108	0,014	0,02	0,001		0,014	
2.11.2020 11:26	0,652	0,262	95,577	2,521	0,723	0,987	0,106	0,107	0,014	0,02	0,001		0,015	
2.11.2020 11:26	0,676	0,295	95,435	2,57	0,751	1,024	0,11	0,11	0,015	0,021	0,001		0,016	
2.11.2020 11:26	0,655	0,285	95,405	2,634	0,754	1,022	0,109	0,108	0,014	0,02	0,001		0,015	
2.11.2020 11:26	0,652	0,258	95,511	2,553	0,758	1,026	0,109	0,11	0,014	0,02	0,001		0,014	
2.11.2020 11:26	0,655	0,246	95,558	2,511	0,763	1,031	0,11	0,111	0,014	0,02	0,001		0,013	
2.11.2020 11:26	0,676	0,297	95,384	2,657	0,726	0,986	0,103	0,104	0,016	0,021	0,001		0,015	
2.11.2020 11:26	0,327	0,202	96,593	1,917	0,705	0,961	0,098	0,113	0,014	0,021	0	0,009		0,001
2.11.2020 11:26	0,328	0,193	96,648	1,894	0,691	0,938	0,095	0,11	0,014	0,02	0	0,008		0
2.11.2020 11:26	0,341	0,195	96,547	1,972	0,697	0,944	0,097	0,108	0,014	0,019	0	0,009		0
2.11.2020 11:26	0,327	0,19	96,694	1,89	0,664	0,899	0,092	0,104	0,013	0,018	0	0,008		0
2.11.2020 11:26	0,323	0,197	96,684	1,908	0,655	0,888	0,091	0,103	0,012	0,018	0	0,008		0
2.11.2020 11:26	0,328	0,208	96,64	1,933	0,66	0,89	0,088	0,102	0,013	0,018	0	0,009		0
2.11.2020 11:26	0,322	0,185	96,701	1,896	0,663	0,896	0,092	0,103	0,012	0,018	0	0,008		0
2.11.2020 11:26	0,313	0,162	96,656	1,927	0,699	0,941	0,098	0,106	0,013	0,018	0	0,007		0
2.11.2020 11:26	0,319	0,185	96,588	1,972	0,691	0,935	0,096	0,108	0,013	0,019	0	0,009		0
2.11.2020 11:26	0,307	0,162	96,558	1,993	0,728	0,98	0,102	0,11	0,013	0,019	0	0,008		0
2.11.2020 11:26	0,315	0,176	96,782	1,813	0,671	0,914	0,092	0,11	0,013	0,019	0	0,008		0
2.11.2020 11:26	0,3	0,167	96,354	2,147	0,777	1,031	0,104	0,11	0,013	0,019	0	0,008		0
2.11.2020 11:26	0,313	0,195	96,548	1,993	0,707	0,951	0,096	0,109	0,013	0,019	0	0,008		0
2.11.2020 11:26	0,314	0,201	96,444	2,081	0,716	0,961	0,097	0,108	0,013	0,019	0	0,009		0
2.11.2020 11:26	0,358	0,192	96,361	2,144	0,705	0,945	0,097	0,104	0,013	0,018	0	0,008		0
2.11.2020 11:26	0,322	0,202	96,351	2,168	0,712	0,956	0,095	0,103	0,016	0,021	0	0,01		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
		9,767208	35,162	10,307021	37,105	10,832955	38,999	11,421171	41,116	12,76	45,937	13,464
		9,762055	35,143	10,301573	37,086	10,82751	38,979	11,415417	41,095	12,761	45,939	13,464
		9,74282	35,074	10,281259	37,013	10,806769	38,904	11,393527	41,017	12,745	45,881	13,447
		9,748777	35,096	10,287546	37,035	10,813253	38,928	11,400365	41,041	12,752	45,909	13,455
		9,747615	35,091	10,286317	37,031	10,812043	38,923	11,399086	41,037	12,753	45,909	13,455
		9,749731	35,099	10,288556	37,039	10,814213	38,931	11,401382	41,045	12,75	45,9	13,453
		9,7444	35,08	10,282921	37,019	10,808614	38,911	11,395465	41,024	12,752	45,905	13,454
		9,753559	35,113	10,292592	37,053	10,818524	38,947	11,405923	41,061	12,761	45,939	13,464
		9,756491	35,123	10,29569	37,064	10,821667	38,958	11,409242	41,073	12,762	45,944	13,466
		9,763284	35,148	10,302867	37,09	10,828965	38,984	11,416947	41,101	12,767	45,961	13,471
		9,750655	35,102	10,289526	37,042	10,815425	38,936	11,402653	41,05	12,759	45,933	13,462
		9,741724	35,07	10,280095	37,008	10,805799	38,901	11,392493	41,013	12,751	45,905	13,454
		9,769885	35,172	10,309841	37,115	10,835983	39,01	11,424359	41,128	12,768	45,965	13,472
		9,757035	35,125	10,296269	37,067	10,82215	38,96	11,409758	41,075	12,758	45,929	13,461
		9,729337	35,026	10,267022	36,961	10,791874	38,851	11,377813	40,96	12,725	45,809	13,426
		9,747287	35,09	10,285976	37,03	10,81155	38,922	11,398573	41,035	12,748	45,892	13,45
		9,733027	35,039	10,270922	36,975	10,796082	38,866	11,382254	40,976	12,73	45,827	13,431
		9,72483	35,009	10,262258	36,944	10,787413	38,835	11,373096	40,943	12,729	45,825	13,431
		9,725464	35,012	10,262928	36,947	10,788054	38,837	11,373773	40,946	12,729	45,825	13,431
		9,728696	35,023	10,266338	36,959	10,791646	38,85	11,377559	40,959	12,736	45,85	13,438
		9,728521	35,023	10,266148	36,958	10,791555	38,85	11,377457	40,959	12,74	45,865	13,442
		9,720403	34,993	10,25758	36,927	10,782649	38,818	11,368065	40,925	12,727	45,816	13,428
		9,720605	34,994	10,257794	36,928	10,782879	38,818	11,368308	40,926	12,727	45,817	13,428
		9,730647	35,03	10,268395	36,966	10,79382	38,858	11,379849	40,967	12,741	45,867	13,443
		9,723064	35,003	10,260395	36,937	10,785441	38,828	11,371017	40,936	12,726	45,812	13,427
		9,722498	35,001	10,259796	36,935	10,784865	38,826	11,370408	40,933	12,726	45,814	13,428
		9,718556	34,987	10,255635	36,92	10,780598	38,81	11,365907	40,917	12,722	45,798	13,423
		9,72306	35,003	10,260401	36,937	10,785215	38,827	11,370792	40,935	12,716	45,778	13,417
		9,729884	35,028	10,267604	36,963	10,792641	38,854	11,378626	40,963	12,724	45,807	13,426
		9,727117	35,018	10,264677	36,953	10,789791	38,843	11,37561	40,952	12,728	45,819	13,429
		9,725667	35,012	10,263144	36,947	10,788274	38,838	11,374007	40,946	12,729	45,823	13,43
		9,723069	35,003	10,260408	36,937	10,785214	38,827	11,370789	40,935	12,716	45,777	13,417
0	0	9,704598	34,937	10,240731	36,867	10,766954	38,761	11,351452	40,865	12,761	45,94	13,464
0	0	9,699247	34,917	10,235076	36,846	10,761248	38,74	11,345426	40,844	12,759	45,934	13,463
0	0	9,704448	34,936	10,240571	36,866	10,766762	38,76	11,351248	40,864	12,761	45,938	13,464
0	0	9,692618	34,893	10,228072	36,821	10,754159	38,715	11,33794	40,817	12,756	45,923	13,459
0	0	9,691718	34,89	10,227123	36,818	10,753177	38,711	11,336905	40,813	12,755	45,917	13,458
0	0	9,692425	34,893	10,227871	36,82	10,753878	38,714	11,337646	40,816	12,753	45,91	13,456
0	0	9,693411	34,896	10,228909	36,824	10,755043	38,718	11,338872	40,82	12,758	45,93	13,461
0	0	9,705792	34,941	10,241983	36,871	10,76843	38,766	11,352998	40,871	12,77	45,974	13,474
0	0	9,705915	34,941	10,242118	36,872	10,768452	38,766	11,353027	40,871	12,766	45,957	13,469
0	0	9,717982	34,985	10,25486	36,917	10,781518	38,813	11,366814	40,921	12,778	46,002	13,482
0	0	9,692097	34,892	10,22752	36,819	10,753696	38,713	11,337448	40,815	12,76	45,935	13,463
0	0	9,73713	35,054	10,27508	36,99	10,80204	38,887	11,388472	40,998	12,789	46,041	13,494
0	0	9,709505	34,954	10,245911	36,885	10,772288	38,78	11,357078	40,885	12,767	45,961	13,47
0	0	9,716755	34,98	10,25357	36,913	10,780029	38,808	11,36525	40,915	12,77	45,972	13,474
0	0	9,715483	34,976	10,252227	36,908	10,778535	38,803	11,363675	40,909	12,766	45,957	13,469
0	0	9,722279	35	10,259405	36,934	10,785913	38,829	11,371462	40,937	12,772	45,98	13,476

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)
48,47	14,153	50,95	14,919	53,709	0,718	0,7577	0,5859	0,586	16,938	490,871	84,817
48,471	14,154	50,953	14,92	53,712	0,717	0,7569	0,5852	0,5854	16,92	491,416	85,007
48,41	14,136	50,891	14,902	53,647	0,716	0,7558	0,5844	0,5846	16,896	492,107	85,469
48,439	14,145	50,921	14,911	53,679	0,716	0,7558	0,5844	0,5846	16,896	492,104	85,365
48,44	14,145	50,923	14,911	53,68	0,716	0,7556	0,5843	0,5844	16,891	492,235	85,425
48,43	14,142	50,911	14,908	53,668	0,717	0,7563	0,5848	0,5849	16,906	491,819	85,303
48,436	14,144	50,919	14,91	53,676	0,716	0,7552	0,584	0,5841	16,882	492,501	85,534
48,471	14,154	50,954	14,92	53,714	0,716	0,7556	0,5842	0,5844	16,89	492,263	85,329
48,477	14,156	50,96	14,922	53,72	0,716	0,7558	0,5844	0,5846	16,895	492,128	85,27
48,494	14,16	50,977	14,927	53,738	0,717	0,7563	0,5848	0,585	16,907	491,778	85,071
48,464	14,152	50,948	14,919	53,707	0,716	0,7553	0,584	0,5842	16,885	492,425	85,423
48,436	14,144	50,92	14,91	53,677	0,715	0,7548	0,5836	0,5838	16,874	492,748	85,651
48,499	14,161	50,981	14,928	53,741	0,717	0,7572	0,5855	0,5857	16,927	491,189	84,852
48,46	14,151	50,943	14,917	53,701	0,717	0,7564	0,5849	0,585	16,91	491,708	85,182
48,334	14,115	50,812	14,879	53,564	0,716	0,7561	0,5846	0,5848	16,902	491,933	85,492
48,421	14,14	50,903	14,905	53,659	0,716	0,7561	0,5847	0,5848	16,902	491,923	85,336
48,353	14,12	50,832	14,885	53,585	0,716	0,7561	0,5846	0,5848	16,902	491,94	85,639
48,351	14,12	50,832	14,885	53,585	0,715	0,7548	0,5837	0,5838	16,874	492,733	85,952
48,35	14,12	50,831	14,884	53,584	0,715	0,755	0,5838	0,5839	16,874	492,762	85,904
48,377	14,128	50,86	14,893	53,614	0,715	0,7546	0,5835	0,5836	16,869	492,874	85,895
48,393	14,132	50,877	14,898	53,631	0,715	0,7541	0,5831	0,5833	16,857	493,227	85,964
48,341	14,117	50,822	14,882	53,574	0,715	0,7545	0,5834	0,5835	16,866	492,973	86,069
48,342	14,118	50,824	14,882	53,576	0,715	0,7545	0,5834	0,5835	16,866	492,979	86,073
48,395	14,133	50,878	14,898	53,633	0,715	0,7544	0,5833	0,5835	16,864	493,037	85,897
48,337	14,116	50,817	14,88	53,569	0,715	0,755	0,5838	0,584	16,879	492,59	85,95
48,34	14,117	50,821	14,881	53,572	0,715	0,7548	0,5837	0,5838	16,874	492,734	85,987
48,323	14,112	50,803	14,876	53,554	0,715	0,7548	0,5836	0,5838	16,872	492,788	86,078
48,301	14,105	50,778	14,869	53,528	0,716	0,7561	0,5847	0,5848	16,903	491,889	85,815
48,332	14,114	50,81	14,878	53,562	0,717	0,7562	0,5847	0,5849	16,905	491,836	85,7
48,345	14,118	50,825	14,883	53,577	0,716	0,7554	0,5841	0,5842	16,887	492,375	85,848
48,349	14,119	50,83	14,884	53,582	0,715	0,755	0,5838	0,584	16,878	492,617	85,913
48,3	14,105	50,778	14,869	53,527	0,716	0,7562	0,5847	0,5848	16,904	491,872	85,784
48,471	14,158	50,969	14,925	53,729	0,709	0,7479	0,5783	0,5785	16,721	497,255	87,459
48,465	14,157	50,963	14,923	53,723	0,708	0,7473	0,5778	0,578	16,707	497,676	87,641
48,469	14,157	50,967	14,924	53,726	0,709	0,748	0,5784	0,5785	16,722	497,232	87,457
48,453	14,153	50,952	14,92	53,711	0,707	0,7467	0,5773	0,5775	16,692	498,112	87,892
48,448	14,152	50,946	14,918	53,705	0,708	0,7467	0,5774	0,5775	16,693	498,087	87,904
48,44	14,149	50,938	14,916	53,696	0,708	0,747	0,5776	0,5778	16,701	497,859	87,83
48,46	14,155	50,96	14,922	53,719	0,707	0,7466	0,5773	0,5774	16,69	498,177	87,89
48,507	14,169	51,007	14,936	53,769	0,708	0,747	0,5776	0,5778	16,7	497,862	87,612
48,489	14,163	50,988	14,93	53,748	0,708	0,7476	0,5781	0,5782	16,713	497,482	87,501
48,537	14,177	51,036	14,944	53,8	0,709	0,748	0,5784	0,5785	16,722	497,231	87,243
48,466	14,157	50,966	14,924	53,726	0,707	0,7462	0,577	0,5771	16,682	498,426	87,948
48,579	14,188	51,077	14,956	53,843	0,71	0,7496	0,5796	0,5798	16,758	496,161	86,672
48,493	14,164	50,992	14,931	53,753	0,709	0,748	0,5784	0,5785	16,722	497,207	87,398
48,505	14,167	51,002	14,934	53,764	0,709	0,7488	0,579	0,5791	16,739	496,706	87,148
48,489	14,163	50,985	14,929	53,746	0,71	0,7491	0,5792	0,5794	16,746	496,515	87,069
48,513	14,169	51,01	14,937	53,772	0,71	0,7494	0,5794	0,5796	16,753	496,312	86,901