

Vrijeme od	Vrijeme do	Oznaka mjesta uzorkovanja	Mjesto uzorkovanja	Vrsta mjesta uzorkovanja
16.5.2020 6:00	17.5.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
17.5.2020 6:00	18.5.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
18.5.2020 6:00	19.5.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
19.5.2020 6:00	20.5.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
20.5.2020 6:00	21.5.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
21.5.2020 6:00	22.5.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
22.5.2020 6:00	23.5.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
23.5.2020 6:00	24.5.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
24.5.2020 6:00	25.5.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
25.5.2020 6:00	26.5.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
26.5.2020 6:00	27.5.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
27.5.2020 6:00	28.5.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
28.5.2020 6:00	29.5.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
29.5.2020 6:00	30.5.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
30.5.2020 6:00	31.5.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
31.5.2020 6:00	1.6.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
16.5.2020 6:00	17.5.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
17.5.2020 6:00	18.5.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
18.5.2020 6:00	19.5.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
19.5.2020 6:00	20.5.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
20.5.2020 6:00	21.5.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
21.5.2020 6:00	22.5.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
22.5.2020 6:00	23.5.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
23.5.2020 6:00	24.5.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
24.5.2020 6:00	25.5.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
25.5.2020 6:00	26.5.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
26.5.2020 6:00	27.5.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
27.5.2020 6:00	28.5.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
28.5.2020 6:00	29.5.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
29.5.2020 6:00	30.5.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
30.5.2020 6:00	31.5.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
31.5.2020 6:00	1.6.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
16.5.2020 6:00	17.5.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
17.5.2020 6:00	18.5.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
18.5.2020 6:00	19.5.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
19.5.2020 6:00	20.5.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
20.5.2020 6:00	21.5.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
21.5.2020 6:00	22.5.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
22.5.2020 6:00	23.5.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
23.5.2020 6:00	24.5.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
24.5.2020 6:00	25.5.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
25.5.2020 6:00	26.5.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
26.5.2020 6:00	27.5.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
27.5.2020 6:00	28.5.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
28.5.2020 6:00	29.5.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
29.5.2020 6:00	30.5.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
30.5.2020 6:00	31.5.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
31.5.2020 6:00	1.6.2020 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 %)
17.5.2020 7:55	0,528	0,26	95,794	2,627	0,563	0,771	0,085	0,095	0,011	0,016	0,002		0,019	
18.5.2020 7:55	0,538	0,255	95,732	2,647	0,591	0,808	0,089	0,098	0,012	0,017	0,002		0,019	
19.5.2020 7:55	0,548	0,25	95,695	2,649	0,615	0,839	0,092	0,101	0,012	0,017	0,002		0,019	
20.5.2020 7:55	0,58	0,232	95,583	2,624	0,71	0,962	0,106	0,111	0,014	0,02	0,002		0,019	
21.5.2020 7:55	0,554	0,245	95,582	2,693	0,668	0,906	0,099	0,106	0,013	0,018	0,002		0,019	
22.5.2020 7:55	0,552	0,251	95,495	2,764	0,678	0,918	0,1	0,108	0,013	0,018	0,002		0,019	
23.5.2020 7:56	0,582	0,233	95,336	2,767	0,785	1,062	0,117	0,122	0,015	0,021	0,002		0,02	
24.5.2020 7:55	0,591	0,229	95,302	2,765	0,809	1,094	0,121	0,125	0,015	0,022	0,002		0,02	
25.5.2020 7:55	0,584	0,231	95,343	2,767	0,78	1,075	0,116	0,121	0,015	0,021	0,002		0,02	
26.5.2020 7:55	0,571	0,233	95,354	2,782	0,768	1,059	0,114	0,12	0,015	0,021	0,002		0,02	
27.5.2020 7:55	0,603	0,204	95,273	2,737	0,862	1,184	0,129	0,131	0,016	0,023	0,002		0,02	
28.5.2020 7:55	0,588	0,229	95,249	2,793	0,827	1,141	0,125	0,128	0,016	0,023	0,002		0,02	
29.5.2020 7:55	0,566	0,276	95,192	2,901	0,768	1,065	0,116	0,122	0,015	0,021	0,002		0,021	
30.5.2020 7:55	0,561	0,343	95,017	3,061	0,732	1,018	0,11	0,117	0,015	0,021	0,002		0,022	
31.5.2020 7:55	0,59	0,329	94,923	3,041	0,808	1,118	0,122	0,126	0,016	0,023	0,002		0,022	
1.6.2020 7:55	0,608	0,435	94,553	3,3	0,798	1,104	0,12	0,124	0,016	0,023	0,001		0,022	
17.5.2020 7:55	0,53	0,258	95,828	2,592	0,568	0,777	0,085	0,095	0,011	0,016	0,001		0,016	
18.5.2020 7:55	0,538	0,255	95,782	2,6	0,592	0,809	0,089	0,098	0,012	0,017	0,001		0,016	
19.5.2020 7:55	0,559	0,244	95,712	2,594	0,644	0,876	0,096	0,104	0,013	0,018	0,001		0,016	
20.5.2020 7:55	0,574	0,234	95,612	2,611	0,704	0,953	0,105	0,111	0,014	0,019	0,001		0,015	
21.5.2020 7:55	0,55	0,247	95,634	2,659	0,66	0,894	0,097	0,105	0,013	0,018	0,001		0,016	
22.5.2020 7:55	0,553	0,25	95,541	2,711	0,687	0,93	0,101	0,109	0,013	0,019	0,001		0,016	
23.5.2020 7:56	0,585	0,231	95,356	2,732	0,799	1,08	0,119	0,123	0,015	0,022	0,001		0,016	
24.5.2020 7:55	0,591	0,231	95,336	2,732	0,808	1,094	0,121	0,125	0,016	0,023	0,001		0,016	
25.5.2020 7:55	0,58	0,233	95,406	2,719	0,773	1,062	0,115	0,12	0,015	0,022	0,001		0,016	
26.5.2020 7:55	0,571	0,232	95,405	2,73	0,773	1,062	0,115	0,12	0,015	0,021	0,001		0,016	
27.5.2020 7:55	0,604	0,2	95,313	2,692	0,87	1,191	0,131	0,132	0,017	0,024	0,001		0,016	
28.5.2020 7:55	0,582	0,232	95,303	2,76	0,816	1,123	0,123	0,127	0,016	0,023	0,001		0,016	
29.5.2020 7:55	0,569	0,314	95,131	2,936	0,76	1,05	0,115	0,12	0,015	0,022	0,001		0,017	
30.5.2020 7:55	0,56	0,338	95,097	2,987	0,734	1,018	0,111	0,118	0,015	0,021	0,001		0,018	
31.5.2020 7:55	0,592	0,343	94,931	3,021	0,807	1,113	0,122	0,126	0,016	0,023	0,001		0,018	
1.6.2020 7:55	0,605	0,423	94,66	3,207	0,802	1,106	0,121	0,125	0,016	0,023	0,001		0,018	
17.5.2020 7:55	0,622	0,223	95,522	2,534	0,814	1,098	0,1	0,131	0,017	0,024	0	0,008		0,004
18.5.2020 7:55	0,624	0,225	95,528	2,525	0,813	1,099	0,1	0,132	0,017	0,024	0	0,008		0,004
19.5.2020 7:55	0,625	0,223	95,512	2,542	0,815	1,098	0,1	0,131	0,017	0,023	0	0,008		0,004
20.5.2020 7:55	0,626	0,225	95,491	2,551	0,82	1,107	0,101	0,133	0,017	0,024	0	0,008		0,004
21.5.2020 7:55	0,593	0,245	95,54	2,614	0,746	1,008	0,091	0,122	0,015	0,021	0	0,008		0,004
22.5.2020 7:55	0,626	0,228	95,454	2,579	0,824	1,113	0,101	0,134	0,017	0,024	0	0,008		0,004
23.5.2020 7:56	0,615	0,23	95,441	2,617	0,814	1,097	0,1	0,131	0,017	0,024	0	0,008		0,004
24.5.2020 7:55	0,617	0,23	95,401	2,628	0,834	1,124	0,102	0,134	0,017	0,024	0	0,008		0,004
25.5.2020 7:55	0,605	0,229	95,368	2,685	0,827	1,112	0,101	0,132	0,016	0,023	0	0,008		0,004
26.5.2020 7:55	0,61	0,232	95,32	2,691	0,853	1,147	0,104	0,136	0,017	0,024	0	0,008		0,004
27.5.2020 7:55	0,613	0,222	95,276	2,713	0,876	1,177	0,107	0,139	0,017	0,025	0	0,008		0,004
28.5.2020 7:55	0,607	0,233	95,254	2,749	0,86	1,158	0,105	0,138	0,017	0,024	0	0,009		0,005
29.5.2020 7:55	1,552	0,18	92,509	4,502	1,029	1,258	0,105	0,091	0,012	0,015	0	0,004		0,001
30.5.2020 7:55	1,172	0,219	93,051	4,281	1,03	1,277	0,108	0,101	0,013	0,017	0	0,006		0,002
31.5.2020 7:55	1,001	0,231	93,439	4,026	1,034	1,303	0,112	0,113	0,015	0,019	0	0,007		0,003
1.6.2020 7:55	0,961	0,245	92,996	4,357	1,164	1,44	0,121	0,113	0,015	0,019	0	0,006		0,002

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
		9,707506	34,947	10,243949	36,878	10,769214	38,769	11,353868	40,874	12,73	45,828
		9,714551	34,972	10,251391	36,905	10,776745	38,796	11,36182	40,903	12,734	45,842
		9,719383	34,99	10,256495	36,923	10,781905	38,815	11,367269	40,922	12,736	45,851
		9,736494	35,051	10,274574	36,988	10,800201	38,881	11,386588	40,992	12,746	45,885
		9,733234	35,04	10,271129	36,976	10,796747	38,868	11,382938	40,979	12,745	45,88
		9,74039	35,065	10,278689	37,003	10,8044	38,896	11,391019	41,008	12,748	45,893
		9,763901	35,15	10,303526	37,093	10,829559	38,986	11,417584	41,103	12,761	45,941
		9,768567	35,167	10,308457	37,11	10,834545	39,004	11,422849	41,122	12,764	45,95
		9,762606	35,145	10,302158	37,088	10,828171	38,981	11,416119	41,098	12,761	45,939
		9,762258	35,144	10,301791	37,086	10,827835	38,98	11,415763	41,097	12,762	45,942
		9,779436	35,206	10,319936	37,152	10,846246	39,046	11,4352	41,167	12,773	45,984
		9,775742	35,193	10,316037	37,138	10,842244	39,032	11,430978	41,152	12,768	45,966
		9,768843	35,168	10,308753	37,112	10,834751	39,005	11,423072	41,123	12,759	45,931
		9,767385	35,163	10,307222	37,106	10,832953	38,999	11,421187	41,116	12,747	45,889
		9,781085	35,212	10,321696	37,158	10,847585	39,051	11,436638	41,172	12,754	45,915
		9,786395	35,231	10,327323	37,178	10,85281	39,07	11,442179	41,192	12,737	45,853
		9,704355	34,936	10,24062	36,866	10,765838	38,757	11,350304	40,861	12,728	45,822
		9,709843	34,955	10,246417	36,887	10,771701	38,778	11,356494	40,883	12,731	45,832
		9,719534	34,99	10,256655	36,924	10,782055	38,815	11,367426	40,923	12,736	45,851
		9,732671	35,038	10,270534	36,974	10,796114	38,866	11,382271	40,976	12,744	45,878
		9,727542	35,019	10,265115	36,954	10,790655	38,846	11,376505	40,955	12,741	45,869
		9,736941	35,053	10,275044	36,99	10,800707	38,883	11,387119	40,994	12,746	45,886
		9,762484	35,145	10,302029	37,087	10,828038	38,981	11,415978	41,098	12,761	45,938
		9,764534	35,152	10,304196	37,095	10,830214	38,989	11,418276	41,106	12,761	45,94
		9,756164	35,122	10,295352	37,063	10,821275	38,957	11,408836	41,072	12,757	45,926
		9,757905	35,128	10,297191	37,07	10,823177	38,963	11,410843	41,079	12,759	45,934
		9,776308	35,195	10,316631	37,14	10,8429	39,034	11,431667	41,154	12,772	45,978
		9,769462	35,17	10,309402	37,114	10,835524	39,008	11,423882	41,126	12,765	45,953
		9,764417	35,152	10,304082	37,095	10,829857	38,987	11,417912	41,104	12,749	45,898
		9,761461	35,141	10,300962	37,083	10,826628	38,976	11,414508	41,092	12,744	45,88
		9,776176	35,194	10,316512	37,139	10,842263	39,032	11,431022	41,152	12,748	45,894
		9,780143	35,209	10,320716	37,155	10,846167	39,046	11,435162	41,167	12,736	45,849
0	0	9,743602	35,077	10,28196	37,015	10,807574	38,907	11,394374	41,02	12,747	45,888
0	0	9,742842	35,074	10,281159	37,012	10,806749	38,904	11,393504	41,017	12,746	45,885
0	0	9,743781	35,078	10,28215	37,016	10,807755	38,908	11,394566	41,02	12,746	45,887
0	0	9,745862	35,085	10,284349	37,024	10,809976	38,916	11,396911	41,029	12,747	45,89
0	0	9,735241	35,047	10,273128	36,983	10,798636	38,875	11,384936	40,986	12,741	45,869
0	0	9,748772	35,096	10,287424	37,035	10,813083	38,927	11,400191	41,041	12,748	45,894
0	0	9,749676	35,099	10,288378	37,038	10,814085	38,931	11,401247	41,044	12,75	45,9
0	0	9,754743	35,117	10,29373	37,057	10,819507	38,95	11,406972	41,065	12,753	45,909
0	0	9,758038	35,129	10,297209	37,07	10,823084	38,963	11,410745	41,079	12,756	45,922
0	0	9,763625	35,149	10,303113	37,091	10,829045	38,985	11,417041	41,101	12,758	45,93
0	0	9,770801	35,175	10,310692	37,118	10,836761	39,012	11,425185	41,131	12,764	45,95
0	0	9,770038	35,172	10,309887	37,116	10,835924	39,009	11,424303	41,127	12,762	45,944
0	0	9,822762	35,362	10,365625	37,316	10,889072	39,201	11,48048	41,33	12,698	45,711
0	0	9,843578	35,437	10,387596	37,395	10,912651	39,286	11,505342	41,419	12,745	45,883
0	0	9,845602	35,444	10,389727	37,403	10,915417	39,296	11,50825	41,43	12,763	45,947
0	0	9,89321	35,616	10,440014	37,584	10,966529	39,48	11,562201	41,624	12,793	46,055

Wd(kWh/m3) @25/0	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)
13,432	48,354	14,122	50,84	14,887	53,593	0,713	0,7521	0,5815	0,5817	16,813	494,543	86,732
13,436	48,368	14,126	50,854	14,891	53,607	0,713	0,7527	0,582	0,5822	16,827	494,221	86,506
13,438	48,378	14,129	50,863	14,894	53,617	0,714	0,7532	0,5824	0,5825	16,836	493,848	86,348
13,448	48,414	14,138	50,898	14,904	53,654	0,715	0,7547	0,5835	0,5837	16,871	492,869	85,823
13,447	48,409	14,137	50,893	14,903	53,649	0,715	0,7543	0,5833	0,5834	16,863	493,062	85,942
13,451	48,422	14,141	50,906	14,906	53,663	0,715	0,755	0,5838	0,584	16,878	492,612	85,729
13,465	48,474	14,154	50,955	14,921	53,715	0,717	0,7571	0,5854	0,5856	16,924	491,288	85,028
13,467	48,483	14,157	50,964	14,923	53,724	0,718	0,7575	0,5857	0,5859	16,934	491,001	84,879
13,464	48,471	14,154	50,953	14,92	53,712	0,717	0,757	0,5853	0,5855	16,921	491,411	85,061
13,465	48,474	14,155	50,957	14,921	53,716	0,717	0,7568	0,5852	0,5853	16,918	491,466	85,097
13,477	48,518	14,167	51	14,934	53,762	0,718	0,7581	0,5862	0,5863	16,947	490,75	84,605
13,472	48,5	14,161	50,981	14,928	53,742	0,718	0,7581	0,5862	0,5863	16,947	490,627	84,686
13,462	48,463	14,151	50,943	14,917	53,702	0,718	0,7582	0,5862	0,5864	16,949	490,575	84,835
13,45	48,418	14,138	50,895	14,903	53,651	0,719	0,7593	0,5871	0,5873	16,975	489,821	84,748
13,457	48,446	14,145	50,921	14,911	53,679	0,721	0,7606	0,5881	0,5883	17,003	489,001	84,33
13,439	48,381	14,125	50,85	14,89	53,604	0,723	0,7635	0,5904	0,5905	17,067	487,171	83,933
13,43	48,347	14,12	50,834	14,885	53,586	0,712	0,7518	0,5813	0,5815	16,806	494,728	86,826
13,433	48,358	14,123	50,844	14,888	53,597	0,713	0,7523	0,5817	0,5819	16,818	494,41	86,649
13,438	48,378	14,129	50,863	14,894	53,617	0,714	0,7532	0,5824	0,5825	16,837	493,815	86,336
13,446	48,407	14,136	50,891	14,902	53,646	0,715	0,7543	0,5833	0,5834	16,863	493,068	85,934
13,444	48,397	14,134	50,882	14,899	53,637	0,714	0,7538	0,5829	0,583	16,852	493,395	86,118
13,449	48,415	14,139	50,899	14,904	53,655	0,715	0,7547	0,5836	0,5837	16,872	492,812	85,834
13,464	48,47	14,153	50,952	14,92	53,711	0,717	0,757	0,5853	0,5855	16,921	491,381	85,066
13,465	48,472	14,154	50,954	14,92	53,713	0,717	0,7572	0,5855	0,5857	16,926	491,226	84,988
13,46	48,457	14,15	50,94	14,916	53,698	0,717	0,7564	0,5849	0,585	16,909	491,727	85,246
13,463	48,466	14,152	50,948	14,919	53,707	0,717	0,7564	0,5849	0,585	16,909	491,724	85,226
13,476	48,513	14,165	50,995	14,932	53,756	0,718	0,7578	0,5859	0,5861	16,94	490,832	84,695
13,468	48,486	14,158	50,968	14,924	53,728	0,718	0,7575	0,5858	0,5859	16,934	490,981	84,872
13,452	48,428	14,14	50,906	14,906	53,662	0,719	0,7586	0,5866	0,5867	16,956	490,354	84,882
13,447	48,409	14,135	50,886	14,901	53,642	0,719	0,7587	0,5867	0,5868	16,961	490,22	84,931
13,451	48,424	14,139	50,899	14,904	53,656	0,721	0,7605	0,5881	0,5882	17,001	489,06	84,433
13,438	48,376	14,124	50,846	14,889	53,6	0,723	0,7627	0,5897	0,5899	17,049	487,691	84,137
13,449	48,417	14,139	50,899	14,904	53,655	0,716	0,7557	0,5843	0,5845	16,893	492,184	85,442
13,448	48,413	14,138	50,895	14,903	53,651	0,716	0,7557	0,5843	0,5845	16,893	492,19	85,454
13,449	48,416	14,138	50,898	14,904	53,654	0,716	0,7557	0,5844	0,5845	16,894	492,152	85,43
13,45	48,419	14,139	50,901	14,905	53,657	0,716	0,756	0,5845	0,5847	16,899	492,001	85,361
13,444	48,397	14,133	50,879	14,898	53,634	0,715	0,755	0,5838	0,584	16,878	492,624	85,712
13,451	48,423	14,14	50,905	14,906	53,661	0,717	0,7563	0,5848	0,5849	16,906	491,799	85,267
13,453	48,429	14,142	50,911	14,908	53,668	0,717	0,7562	0,5847	0,5849	16,905	491,825	85,269
13,455	48,439	14,145	50,921	14,911	53,678	0,717	0,7567	0,5851	0,5853	16,916	491,525	85,118
13,459	48,453	14,148	50,934	14,915	53,692	0,717	0,7568	0,5852	0,5853	16,918	491,462	85,063
13,461	48,461	14,151	50,942	14,917	53,7	0,718	0,7574	0,5856	0,5858	16,931	491,071	84,885
13,467	48,482	14,156	50,963	14,923	53,723	0,718	0,7579	0,586	0,5862	16,941	490,779	84,696
13,466	48,476	14,155	50,956	14,921	53,716	0,718	0,7579	0,5861	0,5862	16,943	490,73	84,709
13,397	48,23	14,076	50,674	14,838	53,417	0,733	0,774	0,5985	0,5986	17,301	480,669	81,014
13,447	48,411	14,129	50,866	14,894	53,62	0,731	0,7715	0,5965	0,5967	17,245	482,419	81,36
13,466	48,479	14,15	50,94	14,916	53,698	0,729	0,7696	0,5951	0,5953	17,203	483,381	81,695
13,498	48,593	14,181	51,051	14,949	53,816	0,733	0,7734	0,598	0,5982	17,288	480,999	80,632