

Vrijeme od	Vrijeme do	Oznaka mjesta uzorkovanja	Mjesto uzorkovanja	Vrsta mjesta uzorkovanja	Zadnja izmjena
16.12.2019 6:00	17.12.2019 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	17.12.2019 7:55
17.12.2019 6:00	18.12.2019 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	18.12.2019 7:55
18.12.2019 6:00	19.12.2019 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	19.12.2019 7:55
19.12.2019 6:00	20.12.2019 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	20.12.2019 7:55
20.12.2019 6:00	21.12.2019 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	21.12.2019 7:55
21.12.2019 6:00	22.12.2019 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	22.12.2019 7:55
22.12.2019 6:00	23.12.2019 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	23.12.2019 7:55
23.12.2019 6:00	24.12.2019 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	24.12.2019 7:55
24.12.2019 6:00	25.12.2019 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	25.12.2019 7:55
25.12.2019 6:00	26.12.2019 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	26.12.2019 7:55
26.12.2019 6:00	27.12.2019 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	27.12.2019 7:55
27.12.2019 6:00	28.12.2019 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	28.12.2019 7:55
28.12.2019 6:00	29.12.2019 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	29.12.2019 7:55
29.12.2019 6:00	30.12.2019 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	30.12.2019 7:55
30.12.2019 6:00	31.12.2019 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	31.12.2019 7:55
31.12.2019 6:00	1.1.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	1.1.2020 7:55
16.12.2019 6:00	17.12.2019 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	17.12.2019 7:55
17.12.2019 6:00	18.12.2019 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	18.12.2019 7:55
18.12.2019 6:00	19.12.2019 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	19.12.2019 7:55
19.12.2019 6:00	20.12.2019 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	20.12.2019 7:55
20.12.2019 6:00	21.12.2019 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	21.12.2019 7:55
21.12.2019 6:00	22.12.2019 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	22.12.2019 7:55
22.12.2019 6:00	23.12.2019 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	23.12.2019 7:55
23.12.2019 6:00	24.12.2019 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	24.12.2019 7:55
24.12.2019 6:00	25.12.2019 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	25.12.2019 7:55
25.12.2019 6:00	26.12.2019 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	26.12.2019 7:55
26.12.2019 6:00	27.12.2019 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	27.12.2019 7:55
27.12.2019 6:00	28.12.2019 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	28.12.2019 7:55
28.12.2019 6:00	29.12.2019 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	29.12.2019 7:55
29.12.2019 6:00	30.12.2019 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	30.12.2019 7:55
30.12.2019 6:00	31.12.2019 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	31.12.2019 7:55
31.12.2019 6:00	1.1.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	1.1.2020 7:55
16.12.2019 6:00	17.12.2019 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	17.12.2019 7:55
17.12.2019 6:00	18.12.2019 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	18.12.2019 7:55
18.12.2019 6:00	19.12.2019 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	19.12.2019 7:55
19.12.2019 6:00	20.12.2019 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	20.12.2019 7:55
20.12.2019 6:00	21.12.2019 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	21.12.2019 7:55
21.12.2019 6:00	22.12.2019 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	22.12.2019 7:55
22.12.2019 6:00	23.12.2019 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	23.12.2019 7:55
23.12.2019 6:00	24.12.2019 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	24.12.2019 7:55
24.12.2019 6:00	25.12.2019 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	25.12.2019 7:55
25.12.2019 6:00	26.12.2019 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	26.12.2019 7:55
26.12.2019 6:00	27.12.2019 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	27.12.2019 7:55
27.12.2019 6:00	28.12.2019 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	28.12.2019 7:55
28.12.2019 6:00	29.12.2019 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	29.12.2019 7:55
29.12.2019 6:00	30.12.2019 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	30.12.2019 7:55
30.12.2019 6:00	31.12.2019 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	31.12.2019 7:55
31.12.2019 6:00	1.1.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	1.1.2020 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 %)
0,769	0,3	95,287	2,608	0,766	1,019	0,112	0,104	0,015	0,02	0,001		0,018		
0,791	0,373	95,232	2,577	0,75	1,006	0,112	0,105	0,016	0,022	0,001		0,021		
0,813	0,405	95,223	2,548	0,735	0,989	0,111	0,103	0,016	0,022	0,001		0,022		
0,803	0,373	95,254	2,542	0,751	1,007	0,113	0,105	0,016	0,022	0,001		0,021		
0,81	0,389	95,211	2,552	0,755	1,016	0,114	0,106	0,017	0,023	0,001		0,022		
0,79	0,362	95,364	2,472	0,734	0,991	0,112	0,106	0,016	0,022	0,001		0,021		
0,786	0,348	95,364	2,491	0,737	0,991	0,111	0,105	0,016	0,021	0,001		0,02		
0,767	0,313	95,359	2,54	0,749	1,002	0,111	0,105	0,015	0,021	0,001		0,019		
0,761	0,314	95,373	2,531	0,751	1,002	0,11	0,105	0,015	0,02	0,001		0,019		
0,76	0,316	95,431	2,488	0,738	0,987	0,109	0,104	0,015	0,02	0,001		0,019		
0,77	0,307	95,338	2,562	0,755	1,005	0,11	0,104	0,014	0,02	0,001		0,018		
0,72	0,269	95,508	2,49	0,749	0,997	0,109	0,104	0,014	0,019	0,001		0,017		
0,721	0,288	95,426	2,537	0,759	1,011	0,11	0,106	0,014	0,02	0,001		0,018		
0,737	0,25	95,226	2,724	0,795	1,048	0,113	0,105	0,014	0,019	0,001		0,016		
0,719	0,209	95,359	2,671	0,781	1,028	0,11	0,105	0,013	0,018	0,001		0,014		
0,708	0,212	95,438	2,613	0,769	1,015	0,109	0,105	0,013	0,018	0,001		0,015		
0,794	0,379	95,327	2,492	0,735	0,99	0,111	0,105	0,016	0,022	0,001		0,019		
0,8	0,404	95,24	2,545	0,735	0,99	0,111	0,104	0,016	0,022	0,001		0,019		
0,811	0,407	95,235	2,538	0,735	0,99	0,111	0,104	0,016	0,022	0,001		0,02		
0,808	0,398	95,239	2,531	0,745	1,005	0,113	0,106	0,017	0,023	0,001		0,019		
0,814	0,402	95,209	2,543	0,75	1,013	0,115	0,107	0,017	0,023	0,001		0,02		
0,782	0,359	95,391	2,464	0,731	0,987	0,111	0,106	0,016	0,022	0,001		0,018		
0,778	0,367	95,392	2,456	0,727	0,988	0,111	0,105	0,019	0,026	0,001		0,019		
0,767	0,341	95,413	2,476	0,736	0,985	0,109	0,103	0,015	0,021	0,001		0,018		
0,765	0,351	95,393	2,484	0,737	0,988	0,109	0,105	0,015	0,021	0,001		0,018		
0,768	0,347	95,448	2,445	0,725	0,974	0,108	0,104	0,015	0,021	0,001		0,017		
0,77	0,35	95,416	2,468	0,73	0,98	0,109	0,104	0,015	0,021	0,001		0,017		
0,761	0,343	95,39	2,499	0,738	0,99	0,109	0,105	0,015	0,021	0,001		0,017		
0,768	0,369	95,231	2,591	0,763	1,023	0,113	0,108	0,016	0,022	0,001		0,018		
0,764	0,354	95,303	2,554	0,751	1,008	0,111	0,107	0,016	0,022	0,001		0,017		
0,759	0,342	95,378	2,517	0,736	0,987	0,109	0,105	0,015	0,021	0,001		0,017		
0,784	0,391	95,209	2,6	0,742	0,998	0,111	0,105	0,016	0,022	0,001		0,019		
0,82	0,207	94,953	2,926	0,849	1,094	0,096	0,108	0,013	0,019	0	0,006		0,003	0
0,759	0,195	95,39	2,631	0,787	1,025	0,09	0,107	0,013	0,018	0	0,006		0,003	0
0,727	0,197	95,057	2,895	0,876	1,124	0,098	0,109	0,013	0,018	0	0,006		0,003	0
0,694	0,197	95,308	2,747	0,814	1,054	0,093	0,107	0,013	0,018	0	0,006		0,003	0
0,74	0,204	95,347	2,689	0,784	1,021	0,09	0,106	0,013	0,018	0	0,006		0,003	0
0,947	0,285	94,421	3,193	0,902	1,154	0,099	0,109	0,014	0,02	0	0,007		0,003	0
0,793	0,193	94,889	3,031	0,856	1,094	0,093	0,105	0,013	0,018	0	0,006		0,003	0
0,71	0,196	95,149	2,865	0,839	1,08	0,093	0,108	0,013	0,018	0	0,006		0,003	0
0,683	0,196	95,331	2,735	0,815	1,054	0,092	0,108	0,013	0,018	0	0,006		0,003	0
0,696	0,2	95,431	2,646	0,789	1,027	0,089	0,109	0,013	0,018	0	0,006		0,003	0
0,716	0,2	95,332	2,711	0,802	1,041	0,091	0,108	0,013	0,018	0	0,006		0,003	0
0,664	0,194	95,5	2,618	0,788	1,024	0,089	0,107	0,012	0,018	0	0,006		0,003	0
0,71	0,202	95,083	2,914	0,846	1,091	0,097	0,108	0,013	0,018	0	0,006		0,003	0
0,739	0,201	95,115	2,88	0,823	1,065	0,094	0,107	0,013	0,018	0	0,006		0,003	0
0,74	0,201	95,119	2,878	0,821	1,062	0,094	0,108	0,013	0,018	0	0,006		0,003	0
0,731	0,198	95,173	2,843	0,815	1,055	0,094	0,107	0,013	0,018	0	0,006		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/m 3) @15/15	Wd(kWh/ m3) @25/0
	9,718785	34,988	10,255893	36,921	10,780268	38,809	11,365583	40,916	12,702	45,727	13,402
	9,70752	34,947	10,244008	36,878	10,767855	38,764	11,352496	40,869	12,681	45,65	13,379
	9,698274	34,914	10,234248	36,843	10,757747	38,728	11,341836	40,831	12,667	45,601	13,365
	9,704121	34,935	10,240419	36,866	10,764168	38,751	11,348607	40,855	12,677	45,638	13,376
	9,70476	34,937	10,241098	36,868	10,764767	38,753	11,349244	40,857	12,674	45,626	13,373
	9,698708	34,915	10,234699	36,845	10,758455	38,73	11,342572	40,833	12,677	45,638	13,376
	9,70133	34,925	10,237464	36,855	10,761332	38,741	11,345605	40,844	12,682	45,654	13,381
	9,710914	34,959	10,247582	36,891	10,771802	38,778	11,356647	40,884	12,696	45,704	13,395
	9,710399	34,957	10,247036	36,889	10,771266	38,777	11,35608	40,882	12,696	45,704	13,395
	9,70473	34,937	10,241049	36,868	10,765191	38,755	11,349668	40,859	12,692	45,692	13,392
	9,71251	34,965	10,249266	36,897	10,773519	38,785	11,35846	40,89	12,697	45,71	13,397
	9,71349	34,969	10,25029	36,901	10,774897	38,79	11,359899	40,896	12,71	45,756	13,411
	9,717809	34,984	10,254857	36,917	10,77945	38,806	11,364711	40,913	12,709	45,753	13,41
	9,738304	35,058	10,2765	36,995	10,80149	38,885	11,38797	40,997	12,726	45,814	13,427
	9,735905	35,049	10,273956	36,986	10,799134	38,877	11,385472	40,988	12,734	45,841	13,436
	9,730631	35,03	10,268386	36,966	10,793517	38,857	11,379541	40,966	12,731	45,833	13,433
	9,696992	34,909	10,232888	36,838	10,756538	38,724	11,340551	40,826	12,673	45,622	13,371
	9,698387	34,914	10,234366	36,844	10,757916	38,728	11,342012	40,831	12,669	45,607	13,367
	9,696532	34,908	10,232408	36,837	10,755879	38,721	11,339863	40,824	12,666	45,597	13,364
	9,699694	34,919	10,235747	36,849	10,759313	38,734	11,343487	40,837	12,67	45,611	13,368
	9,701301	34,925	10,237446	36,855	10,761001	38,74	11,345272	40,843	12,669	45,609	13,368
	9,697384	34,911	10,233297	36,84	10,757079	38,725	11,341117	40,828	12,678	45,641	13,377
	9,697488	34,911	10,233409	36,84	10,757173	38,726	11,341217	40,828	12,677	45,637	13,376
	9,700198	34,921	10,236266	36,851	10,760212	38,737	11,344418	40,84	12,684	45,663	13,383
	9,700587	34,922	10,236677	36,852	10,760597	38,738	11,344826	40,841	12,683	45,659	13,382
	9,695433	34,904	10,231234	36,832	10,755082	38,718	11,339003	40,82	12,68	45,649	13,379
	9,697518	34,911	10,233436	36,84	10,757297	38,726	11,341343	40,829	12,681	45,651	13,38
	9,703014	34,931	10,239239	36,861	10,763245	38,748	11,34762	40,851	12,686	45,671	13,386
	9,712561	34,965	10,249329	36,898	10,773352	38,784	11,358297	40,89	12,687	45,672	13,386
	9,708985	34,952	10,245548	36,884	10,769592	38,771	11,354324	40,876	12,688	45,676	13,387
	9,704135	34,935	10,240423	36,866	10,764456	38,752	11,348898	40,856	12,687	45,675	13,387
	9,706125	34,942	10,242536	36,873	10,766316	38,759	11,350876	40,863	12,677	45,639	13,376
0	9,750767	35,103	10,289537	37,042	10,814565	38,932	11,401766	41,046	12,731	45,833	13,433
0	9,725214	35,011	10,262538	36,945	10,787457	38,835	11,37314	40,943	12,725	45,811	13,427
0	9,762838	35,146	10,302278	37,088	10,827884	38,98	11,415813	41,097	12,751	45,903	13,453
0	9,744233	35,079	10,282623	37,017	10,808072	38,909	11,394895	41,022	12,744	45,877	13,446
0	9,729697	35,027	10,267273	36,962	10,792298	38,852	11,378249	40,962	12,729	45,823	13,43
0	9,760835	35,139	10,300195	37,081	10,824594	38,969	11,412384	41,085	12,71	45,755	13,41
0	9,761754	35,142	10,301137	37,084	10,826486	38,975	11,414343	41,092	12,743	45,876	13,446
0	9,755226	35,119	10,294319	37,06	10,819791	38,951	11,407357	41,066	12,748	45,894	13,451
0	9,74424	35,079	10,28263	37,017	10,808119	38,909	11,394943	41,022	12,745	45,882	13,447
0	9,731972	35,035	10,269673	36,971	10,794913	38,862	11,381005	40,972	12,736	45,848	13,437
0	9,736877	35,053	10,274855	36,989	10,800094	38,88	11,386476	40,991	12,736	45,85	13,438
0	9,732667	35,038	10,270498	36,974	10,795811	38,865	11,382036	40,975	12,741	45,868	13,443
0	9,760156	35,137	10,299445	37,078	10,825052	38,97	11,412822	41,086	12,75	45,901	13,453
0	9,751186	35,104	10,289969	37,044	10,815337	38,935	11,402567	41,049	12,742	45,871	13,444
0	9,750599	35,102	10,289352	37,042	10,814706	38,933	11,401904	41,047	12,742	45,869	13,444
0	9,747859	35,092	10,286456	37,031	10,811811	38,923	11,398846	41,036	12,741	45,869	13,443

Wd(Mj/m ³) @25/0	Wg(kWh/m ³) @15/15	Wg(Mj/m ³) @15/15	Wg(kWh/m ³) @25/0	Wg(Mj/m ³) @25/0	d(kg/m ³) @15	d(kg/m ³) @0	ρ (kg/m ³) @15	ρ (kg/m ³) @0	M kg/kmol	R J/kgK	MN (metanski broj)
48,248	14,089	50,722	14,852	53,468	0,717	0,7571	0,5854	0,5856	16,926	491,24	85,658
48,166	14,066	50,636	14,827	53,378	0,718	0,7579	0,5861	0,5862	16,944	490,716	85,776
48,115	14,051	50,583	14,812	53,322	0,718	0,7581	0,5862	0,5863	16,947	490,606	85,912
48,153	14,062	50,623	14,823	53,364	0,718	0,7578	0,586	0,5861	16,941	490,797	85,842
48,141	14,058	50,61	14,819	53,35	0,719	0,7583	0,5863	0,5865	16,952	490,485	85,768
48,153	14,062	50,624	14,824	53,366	0,717	0,757	0,5853	0,5855	16,922	491,342	86,057
48,171	14,067	50,642	14,829	53,385	0,717	0,7568	0,5852	0,5854	16,919	491,43	86,025
48,223	14,083	50,697	14,845	53,442	0,717	0,7567	0,5851	0,5852	16,915	491,536	85,873
48,224	14,083	50,698	14,845	53,443	0,717	0,7566	0,585	0,5852	16,913	491,592	85,902
48,211	14,079	50,685	14,842	53,429	0,716	0,7561	0,5846	0,5848	16,903	491,9	86,068
48,229	14,084	50,703	14,847	53,449	0,717	0,7567	0,5851	0,5853	16,917	491,5	85,836
48,278	14,099	50,756	14,862	53,504	0,716	0,7554	0,5841	0,5842	16,886	492,386	86,028
48,275	14,097	50,751	14,861	53,499	0,716	0,7561	0,5847	0,5848	16,904	491,882	85,859
48,339	14,115	50,815	14,88	53,567	0,718	0,7573	0,5856	0,5857	16,93	491,119	85,295
48,368	14,124	50,848	14,889	53,601	0,716	0,756	0,5846	0,5847	16,901	491,975	85,497
48,359	14,122	50,839	14,887	53,592	0,716	0,7555	0,5842	0,5843	16,889	492,303	85,674
48,137	14,058	50,607	14,819	53,348	0,717	0,7572	0,5855	0,5857	16,927	491,187	86,06
48,121	14,053	50,59	14,814	53,329	0,718	0,7579	0,5861	0,5862	16,944	490,715	85,944
48,11	14,05	50,579	14,81	53,317	0,718	0,758	0,5861	0,5863	16,945	490,688	85,963
48,125	14,054	50,593	14,815	53,333	0,718	0,758	0,5861	0,5863	16,945	490,664	85,9
48,123	14,053	50,592	14,814	53,331	0,719	0,7583	0,5863	0,5865	16,951	490,501	85,829
48,156	14,063	50,628	14,825	53,37	0,717	0,7567	0,5851	0,5852	16,915	491,538	86,126
48,152	14,062	50,624	14,824	53,365	0,717	0,7568	0,5852	0,5853	16,918	491,448	86,085
48,18	14,07	50,653	14,832	53,396	0,717	0,7564	0,5848	0,585	16,908	491,743	86,122
48,175	14,069	50,648	14,831	53,39	0,717	0,7566	0,585	0,5852	16,913	491,603	86,098
48,165	14,066	50,638	14,828	53,38	0,716	0,7561	0,5846	0,5848	16,902	491,921	86,25
48,168	14,067	50,64	14,828	53,382	0,717	0,7563	0,5848	0,585	16,908	491,757	86,178
48,188	14,073	50,661	14,835	53,405	0,717	0,7565	0,585	0,5851	16,912	491,623	86,057
48,189	14,072	50,66	14,834	53,403	0,718	0,758	0,5861	0,5863	16,945	490,681	85,703
48,193	14,074	50,665	14,836	53,409	0,718	0,7573	0,5856	0,5857	16,93	491,23	85,85
48,192	14,074	50,665	14,836	53,409	0,717	0,7566	0,585	0,5852	16,914	491,587	86,028
48,154	14,062	50,624	14,824	53,365	0,718	0,7581	0,5862	0,5863	16,947	490,611	85,792
48,359	14,12	50,833	14,885	53,586	0,719	0,7586	0,5866	0,5867	16,958	490,298	84,732
48,336	14,115	50,815	14,88	53,567	0,716	0,7554	0,5841	0,5842	16,886	492,4	85,662
48,432	14,142	50,91	14,908	53,667	0,718	0,7582	0,5862	0,5864	16,949	490,694	84,682
48,405	14,135	50,886	14,9	53,641	0,716	0,7561	0,5847	0,5848	16,903	491,894	85,297
48,348	14,119	50,828	14,883	53,58	0,716	0,7557	0,5843	0,5845	16,893	492,209	85,563
48,277	14,095	50,742	14,858	53,489	0,723	0,7628	0,5898	0,59	17,051	487,634	83,952
48,404	14,133	50,88	14,899	53,635	0,719	0,7589	0,5868	0,587	16,964	490,119	84,524
48,423	14,14	50,902	14,905	53,659	0,718	0,7573	0,5856	0,5857	16,929	491,152	84,934
48,41	14,136	50,891	14,902	53,647	0,716	0,756	0,5846	0,5847	16,9	491,988	85,326
48,375	14,127	50,856	14,892	53,61	0,716	0,7552	0,5839	0,5841	16,882	492,507	85,637
48,377	14,127	50,857	14,892	53,611	0,716	0,7559	0,5845	0,5846	16,897	492,063	85,442
48,394	14,133	50,878	14,898	53,632	0,715	0,7547	0,5835	0,5837	16,87	492,858	85,726
48,431	14,141	50,909	14,907	53,666	0,718	0,7578	0,586	0,5861	16,941	490,805	84,79
48,399	14,132	50,877	14,898	53,632	0,718	0,7574	0,5857	0,5858	16,932	491,059	84,959
48,397	14,132	50,875	14,897	53,63	0,718	0,7574	0,5856	0,5858	16,931	491,088	84,972
48,397	14,132	50,875	14,897	53,63	0,717	0,757	0,5853	0,5855	16,922	491,349	85,081