

Vrijeme od	Vrijeme do	Oznaka mjesta uzorkovanja	Mjesto uzorkovanja	Vrsta mjesta uzorkovanja
1.11.2020 6:00	2.11.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
2.11.2020 6:00	3.11.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
3.11.2020 6:00	4.11.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
4.11.2020 6:00	5.11.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
5.11.2020 6:00	6.11.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
6.11.2020 6:00	7.11.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
7.11.2020 6:00	8.11.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
8.11.2020 6:00	9.11.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
9.11.2020 6:00	10.11.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
10.11.2020 6:00	11.11.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
11.11.2020 6:00	12.11.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
12.11.2020 6:00	13.11.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
13.11.2020 6:00	14.11.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
14.11.2020 6:00	15.11.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
15.11.2020 6:00	16.11.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
1.11.2020 6:00	2.11.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
2.11.2020 6:00	3.11.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
3.11.2020 6:00	4.11.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
4.11.2020 6:00	5.11.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
5.11.2020 6:00	6.11.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
6.11.2020 6:00	7.11.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
7.11.2020 6:00	8.11.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
8.11.2020 6:00	9.11.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
9.11.2020 6:00	10.11.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
10.11.2020 6:00	11.11.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
11.11.2020 6:00	12.11.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
12.11.2020 6:00	13.11.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
13.11.2020 6:00	14.11.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
14.11.2020 6:00	15.11.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
15.11.2020 6:00	16.11.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
1.11.2020 6:00	2.11.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
2.11.2020 6:00	3.11.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
3.11.2020 6:00	4.11.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
4.11.2020 6:00	5.11.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
5.11.2020 6:00	6.11.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
6.11.2020 6:00	7.11.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
7.11.2020 6:00	8.11.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
8.11.2020 6:00	9.11.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
9.11.2020 6:00	10.11.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
10.11.2020 6:00	11.11.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
11.11.2020 6:00	12.11.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
12.11.2020 6:00	13.11.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
13.11.2020 6:00	14.11.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
14.11.2020 6:00	15.11.2020 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
15.11.2020 6:00	16.11.2020 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 7:55	0,627	0,185	95,144	2,911	0,855	1,134	0,117	0,108	0,015	0,021	0,001		0,016	
3.11.2020 7:55	0,633	0,192	95,363	2,724	0,814	1,088	0,115	0,11	0,013	0,019	0,001		0,015	
4.11.2020 7:55	0,65	0,198	95,439	2,651	0,79	1,062	0,112	0,11	0,013	0,019	0,001		0,016	
5.11.2020 7:55	0,67	0,214	95,11	2,918	0,817	1,089	0,115	0,108	0,013	0,019	0,001		0,016	
6.11.2020 7:55	0,68	0,211	95,279	2,765	0,793	1,064	0,113	0,109	0,013	0,019	0,001		0,016	
7.11.2020 7:55	0,732	0,21	95,171	2,837	0,784	1,049	0,112	0,106	0,013	0,018	0,001		0,016	
8.11.2020 7:55	0,688	0,213	95,193	2,839	0,799	1,067	0,113	0,106	0,013	0,018	0,001		0,016	
9.11.2020 7:55	0,677	0,23	95,175	2,864	0,786	1,054	0,112	0,106	0,013	0,019	0,001		0,017	
10.11.2020 7:55	0,678	0,26	95,122	2,906	0,766	1,033	0,11	0,106	0,013	0,019	0,001		0,018	
11.11.2020 7:55	0,664	0,234	95,244	2,818	0,771	1,039	0,111	0,107	0,013	0,019	0,001		0,017	
12.11.2020 7:55	0,654	0,217	95,283	2,799	0,78	1,047	0,111	0,106	0,013	0,019	0,001		0,017	
13.11.2020 7:55	0,658	0,217	95,271	2,813	0,774	1,041	0,111	0,106	0,013	0,019	0,001		0,017	
14.11.2020 7:55	0,662	0,212	95,304	2,791	0,767	1,031	0,11	0,104	0,013	0,019	0,001		0,017	
15.11.2020 7:55	0,656	0,212	95,298	2,795	0,774	1,039	0,111	0,106	0,013	0,018	0,001		0,016	
16.11.2020 7:55	0,647	0,206	95,329	2,764	0,786	1,055	0,112	0,107	0,013	0,019	0,001		0,016	
2.11.2020 7:55	0,666	0,265	95,39	2,674	0,743	1,004	0,104	0,104	0,016	0,022	0,001		0,014	
3.11.2020 7:55	0,652	0,247	95,502	2,589	0,748	1,01	0,107	0,107	0,014	0,02	0,001		0,013	
4.11.2020 7:55	0,673	0,258	95,422	2,609	0,769	1,038	0,111	0,109	0,014	0,02	0,001		0,014	
5.11.2020 7:55	0,679	0,232	95,321	2,712	0,788	1,056	0,112	0,109	0,014	0,019	0,001		0,013	
6.11.2020 7:55	0,695	0,219	95,456	2,597	0,768	1,033	0,11	0,109	0,014	0,019	0,001		0,012	
7.11.2020 7:55	0,729	0,192	95,591	2,482	0,747	1,005	0,107	0,107	0,013	0,019	0,001		0,011	
8.11.2020 7:55	0,713	0,195	95,589	2,491	0,754	1,012	0,107	0,107	0,013	0,019	0,001		0,011	
9.11.2020 7:55	0,687	0,204	95,572	2,519	0,759	1,019	0,107	0,108	0,013	0,019	0,001		0,012	
10.11.2020 7:55	0,675	0,226	95,424	2,659	0,757	1,017	0,108	0,106	0,013	0,019	0,001		0,013	
11.11.2020 7:55	0,655	0,214	95,527	2,59	0,753	1,013	0,108	0,107	0,014	0,019	0,001		0,012	
12.11.2020 7:55	0,645	0,202	95,604	2,532	0,757	1,018	0,108	0,108	0,014	0,019	0,001		0,012	
13.11.2020 7:55	0,648	0,202	95,588	2,546	0,754	1,016	0,108	0,108	0,014	0,019	0,001		0,012	
14.11.2020 7:55	0,648	0,197	95,632	2,512	0,749	1,01	0,108	0,107	0,014	0,019	0,001		0,012	
15.11.2020 7:55	0,647	0,192	95,705	2,455	0,742	1	0,106	0,107	0,013	0,019	0,001		0,012	
16.11.2020 7:55	0,641	0,195	95,657	2,491	0,755	1,017	0,108	0,109	0,014	0,019	0,001		0,012	
2.11.2020 7:55	0,312	0,178	96,592	1,966	0,709	0,952	0,095	0,108	0,013	0,019	0	0,008		0
3.11.2020 7:55	0,321	0,206	96,476	2,063	0,695	0,934	0,094	0,105	0,013	0,019	0	0,009		0
4.11.2020 7:55	0,336	0,216	96,413	2,106	0,69	0,929	0,093	0,104	0,013	0,019	0	0,01		0
5.11.2020 7:55	0,339	0,22	96,456	2,071	0,677	0,914	0,092	0,104	0,013	0,019	0	0,01		0
6.11.2020 7:55	0,341	0,229	96,404	2,108	0,677	0,917	0,094	0,104	0,013	0,019	0	0,01		0
7.11.2020 7:55	0,37	0,221	96,389	2,12	0,667	0,901	0,092	0,101	0,013	0,018	0	0,01		0
8.11.2020 7:55	0,345	0,225	96,468	2,057	0,669	0,905	0,092	0,103	0,013	0,018	0	0,01		0
9.11.2020 7:55	0,343	0,237	96,474	2,055	0,657	0,891	0,089	0,103	0,013	0,019	0	0,01		0
10.11.2020 7:55	0,343	0,263	96,486	2,04	0,635	0,869	0,088	0,103	0,013	0,019	0	0,011		0
11.11.2020 7:55	0,333	0,228	96,583	1,977	0,645	0,879	0,089	0,104	0,013	0,019	0	0,01		0
12.11.2020 7:55	0,33	0,219	96,602	1,969	0,646	0,88	0,09	0,103	0,013	0,019	0	0,009		0
13.11.2020 7:55	0,332	0,22	96,555	2,011	0,647	0,882	0,091	0,102	0,013	0,019	0	0,01		0
14.11.2020 7:55	0,335	0,215	96,591	1,991	0,639	0,867	0,087	0,101	0,013	0,018	0	0,01		0
15.11.2020 7:55	0,329	0,211	96,592	1,983	0,652	0,885	0,089	0,103	0,013	0,018	0	0,009		0
16.11.2020 7:55	0,327	0,213	96,53	2,029	0,666	0,901	0,091	0,104	0,013	0,019	0	0,009		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
		9,780118	35,208	10,320651	37,154	10,846942	39,049	11,435928	41,169	12,774	45,987
		9,757605	35,127	10,296871	37,069	10,822771	38,962	11,410412	41,077	12,759	45,933
		9,746178	35,086	10,284803	37,025	10,810442	38,918	11,3974	41,031	12,749	45,898
		9,766566	35,16	10,306342	37,103	10,832151	38,996	11,420324	41,113	12,756	45,923
		9,750731	35,103	10,289617	37,043	10,815157	38,935	11,402384	41,049	12,746	45,887
		9,748671	35,095	10,287444	37,035	10,812757	38,926	11,399856	41,039	12,739	45,862
		9,755605	35,12	10,294765	37,061	10,820345	38,953	11,407862	41,068	12,748	45,894
		9,754971	35,118	10,294098	37,059	10,81964	38,951	11,407119	41,066	12,746	45,886
		9,752469	35,109	10,291459	37,049	10,816842	38,941	11,404173	41,055	12,739	45,861
		9,75044	35,102	10,289311	37,042	10,814817	38,933	11,402028	41,047	12,744	45,879
		9,752651	35,11	10,291643	37,05	10,817292	38,942	11,404635	41,057	12,75	45,899
		9,752434	35,109	10,291414	37,049	10,817042	38,941	11,404372	41,056	12,749	45,896
		9,749047	35,097	10,287835	37,036	10,813416	38,928	11,400543	41,042	12,747	45,891
		9,751223	35,104	10,290133	37,044	10,815769	38,937	11,403027	41,051	12,749	45,898
		9,752833	35,11	10,291833	37,051	10,817555	38,943	11,40491	41,058	12,752	45,909
		9,730827	35,031	10,268598	36,967	10,793681	38,857	11,37972	40,967	12,727	45,817
		9,728125	35,021	10,265739	36,957	10,79091	38,847	11,376789	40,956	12,73	45,829
		9,731217	35,032	10,26901	36,968	10,794105	38,859	11,380168	40,969	12,728	45,82
		9,743131	35,075	10,281591	37,014	10,806942	38,905	11,393715	41,017	12,738	45,859
		9,730582	35,03	10,268334	36,966	10,793485	38,857	11,379508	40,966	12,732	45,833
		9,716494	34,979	10,253451	36,912	10,778364	38,802	11,363542	40,909	12,724	45,807
		9,71944	34,99	10,256562	36,924	10,781571	38,814	11,366925	40,921	12,727	45,818
		9,724227	35,007	10,261617	36,942	10,786762	38,832	11,372404	40,941	12,731	45,833
		9,7336	35,041	10,271521	36,977	10,796766	38,868	11,382969	40,979	12,734	45,844
		9,730943	35,031	10,268711	36,967	10,794037	38,859	11,380083	40,968	12,737	45,853
		9,729412	35,026	10,267091	36,962	10,792482	38,853	11,378438	40,962	12,74	45,862
		9,729932	35,028	10,267641	36,964	10,793026	38,855	11,379012	40,964	12,739	45,862
		9,726848	35,017	10,264382	36,952	10,789738	38,843	11,37554	40,952	12,738	45,858
		9,721696	34,998	10,258939	36,932	10,784243	38,823	11,369737	40,931	12,736	45,851
		9,72745	35,019	10,265017	36,954	10,790423	38,846	11,376262	40,955	12,74	45,864
0	0	9,708973	34,952	10,245345	36,883	10,771782	38,778	11,356539	40,884	12,77	45,97
0	0	9,710102	34,956	10,246543	36,888	10,772854	38,782	11,357677	40,888	12,764	45,952
0	0	9,71019	34,957	10,246638	36,888	10,772855	38,782	11,357681	40,888	12,761	45,939
0	0	9,704695	34,937	10,240835	36,867	10,766941	38,761	11,35144	40,865	12,757	45,924
0	0	9,706938	34,945	10,243205	36,876	10,7693	38,769	11,353933	40,874	12,756	45,922
0	0	9,702922	34,931	10,238964	36,86	10,76492	38,754	11,34931	40,858	12,752	45,907
0	0	9,700964	34,923	10,236895	36,853	10,762898	38,746	11,347174	40,85	12,753	45,91
0	0	9,697887	34,912	10,233647	36,841	10,759567	38,734	11,34366	40,837	12,749	45,897
0	0	9,691187	34,888	10,226573	36,816	10,752291	38,708	11,335985	40,81	12,741	45,867
0	0	9,692158	34,892	10,227593	36,819	10,753498	38,713	11,337251	40,814	12,749	45,895
0	0	9,692761	34,894	10,228228	36,822	10,754188	38,715	11,337977	40,817	12,751	45,903
0	0	9,695884	34,905	10,231528	36,833	10,757522	38,727	11,341497	40,829	12,752	45,908
0	0	9,692042	34,891	10,227468	36,819	10,753414	38,712	11,337158	40,814	12,751	45,902
0	0	9,695409	34,903	10,230972	36,831	10,757062	38,725	11,340952	40,827	12,754	45,915
0	0	9,701233	34,924	10,237176	36,854	10,7633	38,748	11,347594	40,851	12,757	45,926

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)
13,478	48,522	14,168	51,004	14,935	53,766	0,718	0,7581	0,5862	0,5863	16,946	490,641	84,535
13,462	48,464	14,152	50,947	14,918	53,705	0,717	0,7564	0,5849	0,585	16,908	491,763	85,159
13,452	48,428	14,142	50,91	14,907	53,666	0,716	0,7558	0,5844	0,5845	16,895	492,135	85,43
13,46	48,455	14,148	50,934	14,914	53,692	0,718	0,7581	0,5862	0,5863	16,943	490,746	84,75
13,449	48,416	14,138	50,896	14,903	53,652	0,717	0,7568	0,5852	0,5854	16,919	491,445	85,179
13,442	48,39	14,13	50,868	14,895	53,623	0,718	0,7573	0,5856	0,5857	16,93	491,124	85,088
13,451	48,423	14,14	50,902	14,905	53,659	0,718	0,7574	0,5856	0,5858	16,931	491,095	85,011
13,449	48,415	14,137	50,894	14,903	53,65	0,718	0,7575	0,5857	0,5859	16,934	490,99	85,02
13,441	48,389	14,13	50,866	14,895	53,621	0,718	0,7579	0,5861	0,5862	16,943	490,722	85,021
13,447	48,408	14,135	50,887	14,901	53,643	0,717	0,7571	0,5854	0,5855	16,924	491,298	85,173
13,452	48,428	14,141	50,909	14,907	53,666	0,717	0,7567	0,5851	0,5853	16,917	491,499	85,177
13,452	48,426	14,141	50,906	14,906	53,663	0,717	0,7568	0,5852	0,5853	16,918	491,471	85,17
13,45	48,42	14,139	50,901	14,905	53,657	0,717	0,7564	0,5849	0,5851	16,91	491,692	85,262
13,452	48,428	14,141	50,908	14,907	53,665	0,717	0,7566	0,585	0,5851	16,912	491,624	85,22
13,455	48,439	14,145	50,921	14,911	53,678	0,717	0,7564	0,5849	0,5851	16,91	491,697	85,219
13,428	48,342	14,117	50,821	14,881	53,573	0,716	0,756	0,5846	0,5848	16,901	491,95	85,65
13,432	48,355	14,121	50,836	14,886	53,588	0,716	0,7552	0,584	0,5841	16,883	492,473	85,831
13,429	48,345	14,118	50,824	14,882	53,576	0,716	0,756	0,5846	0,5847	16,901	491,967	85,667
13,441	48,386	14,129	50,866	14,894	53,62	0,717	0,7566	0,585	0,5852	16,913	491,601	85,355
13,433	48,36	14,122	50,84	14,887	53,593	0,716	0,7555	0,5841	0,5843	16,888	492,327	85,702
13,425	48,331	14,115	50,813	14,879	53,564	0,715	0,7542	0,5831	0,5833	16,859	493,171	86,07
13,429	48,343	14,118	50,825	14,882	53,577	0,715	0,7542	0,5832	0,5834	16,861	493,113	86,027
13,433	48,359	14,122	50,841	14,887	53,594	0,715	0,7545	0,5834	0,5836	16,867	492,949	85,941
13,436	48,371	14,125	50,851	14,89	53,605	0,716	0,7556	0,5842	0,5844	16,891	492,247	85,65
13,439	48,381	14,129	50,863	14,894	53,617	0,715	0,7549	0,5837	0,5838	16,875	492,72	85,81
13,442	48,39	14,131	50,873	14,897	53,628	0,715	0,7543	0,5833	0,5834	16,863	493,065	85,917
13,442	48,39	14,131	50,873	14,896	53,627	0,715	0,7544	0,5833	0,5835	16,865	492,998	85,888
13,44	48,386	14,13	50,869	14,895	53,624	0,714	0,7541	0,5831	0,5832	16,857	493,232	85,986
13,438	48,378	14,128	50,862	14,893	53,617	0,714	0,7535	0,5826	0,5828	16,845	493,602	86,154
13,442	48,392	14,132	50,876	14,897	53,631	0,714	0,754	0,583	0,5831	16,853	493,368	86,006
13,473	48,504	14,167	51,003	14,934	53,764	0,708	0,7476	0,5781	0,5782	16,714	497,469	87,465
13,468	48,484	14,161	50,981	14,928	53,742	0,709	0,7484	0,5787	0,5788	16,731	496,954	87,303
13,464	48,471	14,157	50,967	14,924	53,727	0,71	0,7488	0,579	0,5792	16,74	496,765	87,221
13,46	48,455	14,153	50,951	14,919	53,71	0,709	0,7485	0,5787	0,5789	16,732	496,91	87,372
13,459	48,453	14,152	50,948	14,918	53,706	0,71	0,7489	0,5791	0,5792	16,742	496,634	87,268
13,455	48,437	14,148	50,932	14,914	53,689	0,709	0,7488	0,579	0,5791	16,739	496,722	87,325
13,456	48,44	14,149	50,936	14,915	53,694	0,709	0,7484	0,5787	0,5788	16,73	496,987	87,455
13,452	48,427	14,145	50,922	14,911	53,679	0,709	0,7483	0,5786	0,5788	16,729	497,024	87,518
13,443	48,394	14,136	50,889	14,901	53,644	0,709	0,7483	0,5786	0,5787	16,728	497,052	87,651
13,451	48,424	14,145	50,921	14,911	53,678	0,708	0,7475	0,578	0,5781	16,711	497,558	87,754
13,453	48,433	14,147	50,93	14,913	53,687	0,708	0,7473	0,5779	0,578	16,707	497,672	87,77
13,455	48,438	14,149	50,935	14,915	53,693	0,708	0,7476	0,5781	0,5782	16,714	497,464	87,654
13,453	48,432	14,147	50,929	14,913	53,687	0,708	0,7472	0,5778	0,5779	16,705	497,727	87,776
13,457	48,444	14,151	50,942	14,917	53,7	0,708	0,7473	0,5779	0,578	16,708	497,651	87,712
13,46	48,457	14,154	50,954	14,92	53,713	0,709	0,7479	0,5783	0,5784	16,719	497,305	87,532