

Vrijeme od	Vrijeme do	Oznaka mjesta uzorkovanja	Mjesto uzorkovanja	Vrsta mjesta uzorkovanja
1.7.2021 6:00	2.7.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
2.7.2021 6:00	3.7.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
3.7.2021 6:00	4.7.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
4.7.2021 6:00	5.7.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
5.7.2021 6:00	6.7.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
6.7.2021 6:00	7.7.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
7.7.2021 6:00	8.7.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
8.7.2021 6:00	9.7.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
9.7.2021 6:00	10.7.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
10.7.2021 6:00	11.7.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
11.7.2021 6:00	12.7.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
12.7.2021 6:00	13.7.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
13.7.2021 6:00	14.7.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
14.7.2021 6:00	15.7.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
15.7.2021 6:00	16.7.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
1.7.2021 6:00	2.7.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
2.7.2021 6:00	3.7.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
3.7.2021 6:00	4.7.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
4.7.2021 6:00	5.7.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
5.7.2021 6:00	6.7.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
6.7.2021 6:00	7.7.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
7.7.2021 6:00	8.7.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
8.7.2021 6:00	9.7.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
9.7.2021 6:00	10.7.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
10.7.2021 6:00	11.7.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
11.7.2021 6:00	12.7.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
12.7.2021 6:00	13.7.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
13.7.2021 6:00	14.7.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
14.7.2021 6:00	15.7.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
15.7.2021 6:00	16.7.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
1.7.2021 6:00	2.7.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
2.7.2021 6:00	3.7.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
3.7.2021 6:00	4.7.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
4.7.2021 6:00	5.7.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
5.7.2021 6:00	6.7.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
6.7.2021 6:00	7.7.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
7.7.2021 6:00	8.7.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
8.7.2021 6:00	9.7.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
9.7.2021 6:00	10.7.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
10.7.2021 6:00	11.7.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
11.7.2021 6:00	12.7.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
12.7.2021 6:00	13.7.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
13.7.2021 6:00	14.7.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
14.7.2021 6:00	15.7.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
15.7.2021 6:00	16.7.2021 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 %)
2.7.2021 7:55	0,021	0	96,036	3,671	0,2	0,272	0,024	0,028	0,004	0,007	0,001	-	0,009	-
3.7.2021 7:55	0,019	0	96,02	3,688	0,201	0,273	0,025	0,028	0,004	0,007	0,001	-	0,009	-
4.7.2021 7:55	0,019	0	96,008	3,699	0,201	0,274	0,025	0,028	0,004	0,007	0,001	-	0,009	-
5.7.2021 7:55	0,019	0	95,994	3,712	0,202	0,275	0,025	0,028	0,004	0,007	0,001	-	0,009	-
20.7.2021 10:30	0,016	0	95,983	3,725	0,203	0,276	0,025	0,028	0,004	0,007	0,001	-	0,009	-
7.7.2021 7:55	0,033	0,009	96,06	3,613	0,209	0,285	0,026	0,029	0,004	0,007	0,001	-	0,01	-
8.7.2021 7:55	0,038	0,014	96,056	3,599	0,215	0,293	0,027	0,03	0,004	0,008	0,001	-	0,01	-
9.7.2021 7:55	0,03	0,011	96,012	3,657	0,214	0,291	0,027	0,029	0,004	0,008	0,001	-	0,01	-
10.7.2021 7:55	0,047	0,024	95,944	3,672	0,229	0,313	0,029	0,032	0,004	0,008	0,001	-	0,01	-
11.7.2021 7:55	0,059	0,027	92,604	5,083	1,639	2,226	0,277	0,298	0,003	0,006	0	-	0,004	-
12.7.2021 7:55	0,065	0,035	91,528	5,572	2,059	2,8	0,353	0,373	0,003	0,009	0	-	0,002	-
20.7.2021 10:28	0,098	0,059	91,746	5,394	1,987	2,702	0,34	0,361	0,003	0,008	0	-	0,003	-
20.7.2021 10:28	0,031	0,007	91,401	5,662	2,134	2,899	0,366	0,391	0,002	0,006	0	-	0	-
15.7.2021 7:55	0,056	0,025	91,604	5,524	2,055	2,791	0,351	0,375	0,002	0,006	0	-	0,002	-
16.7.2021 7:55	0,041	0,014	91,558	5,575	2,07	2,812	0,355	0,379	0,002	0,006	0	-	0,001	-
2.7.2021 7:55	0,022	0	96,044	3,665	0,2	0,27	0,024	0,027	0,004	0,007	0	-	0,008	-
3.7.2021 7:55	0,021	0	96,04	3,668	0,2	0,271	0,024	0,027	0,004	0,007	0	-	0,008	-
4.7.2021 7:55	0,022	0	96,045	3,663	0,2	0,27	0,024	0,027	0,004	0,007	0	-	0,008	-
5.7.2021 7:55	0,028	0,004	96,035	3,655	0,205	0,277	0,024	0,028	0,004	0,007	0	-	0,008	-
20.7.2021 10:30	0,309	0,206	95,463	3,415	0,444	0,607	0,063	0,063	0,01	0,014	0,001	-	0,013	-
7.7.2021 7:55	0,7	0,495	94,722	3,033	0,758	1,05	0,115	0,11	0,018	0,023	0,001	-	0,024	-
8.7.2021 7:55	0,666	0,496	94,827	3,035	0,701	0,976	0,107	0,104	0,017	0,022	0,001	-	0,025	-
9.7.2021 7:55	0,718	0,486	94,72	3,001	0,781	1,075	0,117	0,111	0,018	0,023	0,001	-	0,023	-
10.7.2021 7:55	0,708	0,469	94,828	2,955	0,755	1,04	0,113	0,108	0,017	0,022	0,001	-	0,023	-
11.7.2021 7:55	0,674	0,469	94,956	2,931	0,698	0,969	0,106	0,103	0,016	0,021	0,001	-	0,024	-
12.7.2021 7:55	0,67	0,482	94,939	2,943	0,694	0,967	0,106	0,103	0,017	0,022	0,001	-	0,025	-
20.7.2021 10:28	0,67	0,472	94,953	2,929	0,7	0,977	0,107	0,104	0,017	0,022	0,001	-	0,025	-
20.7.2021 10:28	0,691	0,478	94,856	2,956	0,734	1,02	0,112	0,107	0,017	0,023	0,001	-	0,024	-
15.7.2021 7:55	0,658	0,467	95,016	2,908	0,68	0,951	0,105	0,102	0,016	0,021	0,001	-	0,025	-
16.7.2021 7:55	0,698	0,512	94,894	2,928	0,692	0,967	0,107	0,102	0,017	0,022	0,002	-	0,026	-
2.7.2021 7:55	0,021	0	96,054	3,657	0,204	0,268	0,02	0,027	0,004	0,007	0	0,006	-	0
3.7.2021 7:55	0,02	0	96,043	3,669	0,205	0,268	0,02	0,027	0,004	0,007	0	0,006	-	0
4.7.2021 7:55	0,019	0	96,03	3,682	0,205	0,269	0,02	0,027	0,004	0,007	0	0,006	-	0
5.7.2021 7:55	0,019	0	96,011	3,7	0,206	0,27	0,02	0,028	0,004	0,007	0	0,006	-	0
20.7.2021 10:30	0,017	0	95,995	3,716	0,207	0,272	0,02	0,028	0,004	0,007	0	0,006	-	0
7.7.2021 7:55	0,042	0,016	96,051	3,6	0,221	0,291	0,022	0,03	0,004	0,008	0	0,006	-	0
8.7.2021 7:55	0,036	0,012	96,083	3,585	0,216	0,285	0,021	0,029	0,004	0,008	0	0,006	-	0
9.7.2021 7:55	0,032	0,011	96,023	3,646	0,22	0,289	0,021	0,029	0,004	0,008	0	0,006	-	0
10.7.2021 7:55	0,039	0,018	95,98	3,662	0,229	0,301	0,023	0,031	0,005	0,008	0	0,006	-	0,001
11.7.2021 7:55	0,054	0,023	93,009	4,935	1,495	1,979	0,202	0,27	0,003	0,006	0	0,002	-	0
12.7.2021 7:55	0,066	0,035	91,562	5,583	2,077	2,755	0,288	0,376	0,004	0,009	0	0,001	-	0
20.7.2021 10:28	0,091	0,054	91,735	5,438	2,022	2,682	0,28	0,367	0,004	0,008	0	0,001	-	0
20.7.2021 10:28	0,039	0,012	91,477	5,638	2,138	2,834	0,297	0,391	0,002	0,006	0	0	-	0
15.7.2021 7:55	0,047	0,02	91,523	5,611	2,112	2,8	0,293	0,386	0,002	0,006	0	0	-	0
16.7.2021 7:55	0,05	0,02	91,648	5,541	2,068	2,741	0,286	0,378	0,002	0,006	0	0	-	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
-	-	9,766854	35,161	10,306536	37,104	10,835579	39,008	11,42379	41,126	12,869	46,33	13,579
-	-	9,768322	35,166	10,308088	37,109	10,837158	39,014	11,425455	41,132	12,87	46,333	13,58
-	-	9,769308	35,17	10,309129	37,113	10,838215	39,018	11,426571	41,136	12,871	46,336	13,58
-	-	9,770538	35,174	10,310428	37,118	10,839534	39,022	11,427964	41,141	12,872	46,338	13,581
-	-	9,771991	35,179	10,311962	37,123	10,8411	39,028	11,429618	41,147	12,873	46,343	13,582
-	-	9,762746	35,146	10,302201	37,088	10,8311	38,992	11,419065	41,109	12,864	46,31	13,573
-	-	9,76223	35,144	10,301657	37,086	10,830511	38,99	11,418444	41,106	12,862	46,303	13,571
-	-	9,767309	35,162	10,30702	37,105	10,835996	39,01	11,424233	41,127	12,867	46,32	13,576
-	-	9,769403	35,17	10,309237	37,113	10,838129	39,017	11,42649	41,135	12,863	46,309	13,572
-	-	10,191781	36,69	10,755492	38,72	11,29077	40,647	11,904446	42,856	13,103	47,17	13,825
-	-	10,318825	37,148	10,889722	39,203	11,426884	41,137	12,048177	43,373	13,173	47,423	13,9
-	-	13,611112	49	10,896505	39,227	3,055556	11	12,055497	43,4	5	18	13,906
-	-	10,334628	37,205	10,906414	39,263	11,443967	41,198	12,066209	43,438	13,188	47,475	13,915
-	-	10,318768	37,148	10,889659	39,203	11,426884	41,137	12,048174	43,373	13,175	47,432	13,902
-	-	10,316412	37,139	10,887168	39,194	11,424408	41,128	12,045558	43,364	13,176	47,434	13,903
-	-	9,765598	35,156	10,305209	37,099	10,834229	39,003	11,422363	41,121	12,869	46,327	13,578
-	-	9,76602	35,158	10,305655	37,1	10,834684	39,005	11,422843	41,122	12,869	46,328	13,578
-	-	9,765452	35,156	10,305055	37,098	10,834072	39,003	11,422198	41,12	12,868	46,326	13,578
-	-	9,765091	35,154	10,304676	37,097	10,833646	39,001	11,42175	41,118	12,867	46,32	13,576
-	-	9,758393	35,13	10,297666	37,072	10,824715	38,969	11,412411	41,085	12,795	46,06	13,5
-	-	9,743659	35,077	10,282196	37,016	10,806456	38,903	11,393265	41,016	12,691	45,688	13,391
-	-	9,734814	35,045	10,272849	36,982	10,797093	38,87	11,383375	40,98	12,689	45,682	13,389
-	-	9,744216	35,079	10,282784	37,018	10,807021	38,905	11,393862	41,018	12,691	45,688	13,391
-	-	9,737185	35,054	10,275352	36,991	10,799583	38,878	11,386005	40,99	12,691	45,687	13,39
-	-	9,727383	35,019	10,264995	36,954	10,789202	38,841	11,375039	40,95	12,689	45,68	13,388
-	-	9,727502	35,019	10,265122	36,954	10,7893	38,841	11,375145	40,951	12,687	45,674	13,387
-	-	9,731811	35,035	10,269675	36,971	10,793897	38,858	11,379999	40,968	12,689	45,681	13,389
-	-	9,734664	35,045	10,27269	36,982	10,796924	38,869	11,383196	40,98	12,69	45,684	13,39
-	-	9,727019	35,017	10,264611	36,953	10,788818	38,84	11,374635	40,949	12,688	45,679	13,388
-	-	9,720309	34,993	10,257531	36,927	10,781384	38,813	11,366798	40,92	12,675	45,63	13,374
0	0	9,763555	35,149	10,302926	37,091	10,831922	38,995	11,41992	41,112	12,868	46,323	13,577
0	0	9,764602	35,153	10,304032	37,095	10,833046	38,999	11,421107	41,116	12,868	46,325	13,577
0	0	9,765674	35,156	10,305165	37,099	10,834197	39,003	11,422322	41,12	12,869	46,328	13,578
0	0	9,767406	35,163	10,306994	37,105	10,836056	39,01	11,424284	41,127	12,87	46,332	13,579
0	0	9,76888	35,168	10,30855	37,111	10,837639	39,015	11,425955	41,133	12,871	46,336	13,58
0	0	9,759854	35,135	10,299022	37,076	10,827821	38,98	11,415598	41,096	12,86	46,296	13,569
0	0	9,758589	35,131	10,297685	37,072	10,826503	38,975	11,414205	41,091	12,861	46,299	13,569
0	0	9,76434	35,152	10,303759	37,094	10,832684	38,998	11,42073	41,115	12,865	46,313	13,574
0	0	9,766313	35,159	10,305845	37,101	10,834744	39,005	11,422907	41,122	12,864	46,309	13,573
0	0	10,134221	36,483	10,694475	38,5	11,229007	40,424	11,839118	42,621	13,071	47,057	13,792
0	0	10,308217	37,11	10,878373	39,162	11,415413	41,095	12,036012	43,33	13,167	47,402	13,893
0	0	10,281262	37,013	10,849899	39,06	11,386362	40,991	12,005347	43,219	13,146	47,325	13,871
0	0	10,329583	37,186	10,900941	39,243	11,438496	41,179	12,060377	43,417	13,186	47,47	13,913
0	0	10,320547	37,154	10,891396	39,209	11,428754	41,144	12,050093	43,38	13,179	47,444	13,905
0	0	10,30519	37,099	10,875169	39,151	11,412279	41,084	12,032697	43,318	13,17	47,411	13,896

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)
48,883	14,278	51,399	15,051	54,182	0,706	0,7449	0,576	0,5761	16,652	499,308	86,949
48,887	14,279	51,403	15,052	54,186	0,706	0,745	0,576	0,5762	16,654	499,236	86,908
48,889	14,279	51,405	15,052	54,189	0,706	0,7451	0,5761	0,5763	16,656	499,183	86,879
48,892	14,28	51,408	15,053	54,192	0,706	0,7452	0,5762	0,5763	16,658	499,115	86,842
48,897	14,281	51,413	15,055	54,196	0,706	0,7453	0,5763	0,5764	16,66	499,06	86,807
48,862	14,272	51,378	15,044	54,159	0,706	0,7449	0,576	0,5761	16,652	499,301	87,006
48,856	14,27	51,37	15,042	54,152	0,706	0,745	0,5761	0,5762	16,655	499,219	86,989
48,873	14,274	51,388	15,047	54,17	0,706	0,7453	0,5763	0,5764	16,661	499,055	86,87
48,861	14,271	51,375	15,043	54,156	0,707	0,746	0,5768	0,5769	16,676	498,599	86,717
49,771	14,516	52,257	15,302	55,088	0,741	0,7825	0,605	0,6052	17,487	475,902	77,108
50,039	14,588	52,516	15,378	55,362	0,752	0,7936	0,6136	0,6138	17,734	468,847	74,262
50,06	17,222	62	15,385	55,384	81	0,7939	36	0,614	1	468,364	74,047
50,094	14,603	52,571	15,395	55,421	0,753	0,7943	0,6141	0,6143	17,749	468,036	73,873
50,047	14,59	52,525	15,381	55,372	0,752	0,7933	0,6134	0,6136	17,728	469,202	74,362
50,05	14,591	52,528	15,382	55,375	0,751	0,7929	0,613	0,6132	17,718	468,991	74,237
48,88	14,277	51,396	15,05	54,179	0,706	0,7448	0,5759	0,576	16,65	499,371	86,983
48,881	14,277	51,397	15,05	54,18	0,706	0,7448	0,5759	0,5761	16,651	499,351	86,971
48,88	14,277	51,396	15,05	54,178	0,706	0,7448	0,5759	0,576	16,65	499,375	86,985
48,873	14,275	51,389	15,047	54,171	0,706	0,7449	0,576	0,5762	16,653	499,279	86,965
48,599	14,193	51,093	14,961	53,86	0,713	0,7523	0,5817	0,5819	16,818	494,382	85,889
48,207	14,075	50,672	14,838	53,416	0,722	0,7623	0,5894	0,5896	17,041	487,91	84,731
48,2	14,074	50,667	14,836	53,411	0,721	0,7611	0,5885	0,5887	17,015	488,671	85,062
48,206	14,075	50,671	14,837	53,415	0,722	0,7624	0,5895	0,5897	17,043	487,846	84,695
48,205	14,076	50,672	14,838	53,416	0,721	0,7613	0,5887	0,5889	17,019	488,53	84,946
48,198	14,074	50,666	14,836	53,41	0,72	0,7601	0,5877	0,5879	16,99	489,364	85,306
48,192	14,072	50,66	14,834	53,403	0,72	0,7603	0,5878	0,588	16,995	489,231	85,288
48,199	14,074	50,667	14,836	53,411	0,721	0,7607	0,5882	0,5883	16,994	489,267	85,26
48,203	14,075	50,67	14,837	53,413	0,721	0,761	0,5885	0,5886	17,015	488,656	85,017
48,196	14,074	50,665	14,836	53,408	0,72	0,76	0,5877	0,5878	16,981	489,646	85,425
48,145	14,059	50,611	14,82	53,352	0,721	0,7606	0,5881	0,5883	17,003	488,912	85,318
48,876	14,276	51,392	15,048	54,174	0,706	0,7446	0,5757	0,5759	16,646	499,503	86,945
48,878	14,276	51,394	15,049	54,177	0,706	0,7447	0,5758	0,576	16,647	499,45	86,916
48,881	14,277	51,397	15,05	54,18	0,706	0,7448	0,5759	0,576	16,649	499,394	86,887
48,885	14,278	51,401	15,051	54,184	0,706	0,7449	0,576	0,5761	16,652	499,302	86,833
48,889	14,279	51,405	15,052	54,188	0,706	0,745	0,5761	0,5762	16,655	499,23	86,79
48,847	14,267	51,362	15,04	54,143	0,706	0,7449	0,576	0,5761	16,652	499,301	86,942
48,85	14,268	51,365	15,041	54,146	0,706	0,7446	0,5758	0,5759	16,646	499,483	87,004
48,865	14,272	51,38	15,045	54,162	0,706	0,745	0,5761	0,5762	16,655	499,208	86,845
48,861	14,271	51,376	15,044	54,157	0,706	0,7454	0,5764	0,5766	16,665	498,929	86,751
49,653	14,484	52,141	15,269	54,967	0,737	0,7773	0,601	0,6012	17,373	478,903	77,818
50,015	14,581	52,493	15,372	55,338	0,751	0,7927	0,6129	0,6131	17,714	469,385	74,454
49,934	14,559	52,412	15,348	55,252	0,75	0,7911	0,6117	0,6119	17,679	470,314	74,869
50,087	14,602	52,566	15,393	55,415	0,752	0,7937	0,6137	0,6139	17,736	468,797	74,165
50,06	14,594	52,538	15,385	55,385	0,752	0,7932	0,6133	0,6135	17,725	469,098	74,301
50,025	14,585	52,504	15,375	55,35	0,75	0,7919	0,6123	0,6125	17,697	469,841	74,566