

Vrijeme od	Vrijeme do	Oznaka mjesta uzorkovanja	Mjesto uzorkovanja	Vrsta mjesta uzorkovanja	Zadnja izmjena
16.11.2022 6:00	17.11.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	1.12.2022 8:48
17.11.2022 6:00	18.11.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	1.12.2022 8:48
18.11.2022 6:00	19.11.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	1.12.2022 8:48
19.11.2022 6:00	20.11.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	1.12.2022 8:48
20.11.2022 6:00	21.11.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	1.12.2022 8:48
21.11.2022 6:00	22.11.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	1.12.2022 8:48
22.11.2022 6:00	23.11.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	1.12.2022 8:48
23.11.2022 6:00	24.11.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	1.12.2022 8:48
24.11.2022 6:00	25.11.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	1.12.2022 8:48
25.11.2022 6:00	26.11.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	1.12.2022 8:48
26.11.2022 6:00	27.11.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	1.12.2022 8:48
27.11.2022 6:00	28.11.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	1.12.2022 8:48
28.11.2022 6:00	29.11.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	1.12.2022 8:48
29.11.2022 6:00	30.11.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	1.12.2022 8:48
30.11.2022 6:00	1.12.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	1.12.2022 8:51
16.11.2022 6:00	17.11.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	1.12.2022 8:48
17.11.2022 6:00	18.11.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	1.12.2022 8:48
18.11.2022 6:00	19.11.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	1.12.2022 8:48
19.11.2022 6:00	20.11.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	1.12.2022 8:48
20.11.2022 6:00	21.11.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	1.12.2022 8:48
21.11.2022 6:00	22.11.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	1.12.2022 8:48
22.11.2022 6:00	23.11.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	1.12.2022 8:48
23.11.2022 6:00	24.11.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	1.12.2022 8:48
24.11.2022 6:00	25.11.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	1.12.2022 8:48
25.11.2022 6:00	26.11.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	1.12.2022 8:48
26.11.2022 6:00	27.11.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	1.12.2022 8:48
27.11.2022 6:00	28.11.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	1.12.2022 8:48
28.11.2022 6:00	29.11.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	1.12.2022 8:48
29.11.2022 6:00	30.11.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	1.12.2022 8:48
30.11.2022 6:00	1.12.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	1.12.2022 8:51
16.11.2022 6:00	17.11.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	1.12.2022 8:48
17.11.2022 6:00	18.11.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	1.12.2022 8:48
18.11.2022 6:00	19.11.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	1.12.2022 8:48
19.11.2022 6:00	20.11.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	1.12.2022 8:48
20.11.2022 6:00	21.11.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	1.12.2022 8:48
21.11.2022 6:00	22.11.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	1.12.2022 8:48
22.11.2022 6:00	23.11.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	1.12.2022 8:48
23.11.2022 6:00	24.11.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	1.12.2022 8:48
24.11.2022 6:00	25.11.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	1.12.2022 8:48
25.11.2022 6:00	26.11.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	1.12.2022 8:48
26.11.2022 6:00	27.11.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	1.12.2022 8:48
27.11.2022 6:00	28.11.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	1.12.2022 8:48
28.11.2022 6:00	29.11.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	1.12.2022 8:48
29.11.2022 6:00	30.11.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	1.12.2022 8:48
30.11.2022 6:00	1.12.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	1.12.2022 8:51

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 %)	C9+ (mol %)
0,035	0,004	98,856	0,779	0,148	0,326	0,042	0,093	0,008	0,03	0	-	0,004	-	-	-
0,064	0,001	98,005	1,615	0,165	0,315	0,035	0,072	0,007	0,023	0	-	0,012	-	-	-
0,133	0,001	96,293	3,299	0,211	0,273	0,023	0,027	0,002	0,006	0	-	0,005	-	-	-
0,139	0,001	96,333	3,254	0,208	0,273	0,023	0,028	0,002	0,006	0	-	0,005	-	-	-
0,13	0,001	96,41	3,181	0,209	0,279	0,024	0,031	0,002	0,007	0	-	0,006	-	-	-
0,119	0,001	96,705	2,889	0,203	0,285	0,026	0,037	0,002	0,009	0	-	0,008	-	-	-
0,105	0,001	96,736	2,864	0,2	0,294	0,027	0,042	0,003	0,011	0	-	0,009	-	-	-
0,086	0,001	96,948	2,66	0,195	0,304	0,029	0,05	0,005	0,014	0	-	0,011	-	-	-
0,06	0,001	97,715	1,895	0,176	0,328	0,035	0,07	0,007	0,022	0	-	0,017	-	-	-
0,062	0,001	96,873	2,763	0,208	0,301	0,033	0,046	0,002	0,007	0,001	-	0,004	-	-	-
0,056	0,001	96,519	3,126	0,218	0,298	0,032	0,042	0,001	0,004	0,001	-	0,002	-	-	-
0,059	0,001	96,571	3,072	0,216	0,297	0,032	0,042	0,001	0,004	0,001	-	0,002	-	-	-
0,061	0,001	96,603	3,039	0,215	0,295	0,032	0,041	0,001	0,004	0,001	-	0,002	-	-	-
0,055	0,001	96,583	3,062	0,217	0,298	0,032	0,042	0,001	0,004	0,001	-	0,002	-	-	-
0,052	0,001	96,551	3,096	0,219	0,3	0,033	0,042	0,001	0,004	0,001	-	0,002	-	-	-
0,531	0,481	95,214	2,912	0,55	0,862	0,098	0,125	0,02	0,035	0,001	-	0,032	-	-	-
0,191	0,139	97,252	1,922	0,284	0,496	0,055	0,092	0,014	0,029	0	-	0,022	-	-	-
0,136	0,01	95,969	3,598	0,218	0,288	0,024	0,03	0,004	0,007	0	-	0,004	-	-	-
0,136	0,001	95,999	3,592	0,208	0,272	0,022	0,027	0,003	0,007	0	-	0,004	-	-	-
0,126	0,001	96,04	3,555	0,209	0,278	0,023	0,03	0,004	0,008	0	-	0,004	-	-	-
0,118	0,001	96,286	3,312	0,203	0,284	0,024	0,036	0,005	0,01	0	-	0,006	-	-	-
0,108	0,002	96,464	3,127	0,2	0,298	0,027	0,042	0,006	0,015	0	-	0,007	-	-	-
0,157	0,071	96,176	3,228	0,25	0,368	0,035	0,05	0,008	0,016	0	-	0,009	-	-	-
0,059	0,001	97,563	2,045	0,177	0,331	0,035	0,07	0,01	0,024	0	-	0,015	-	-	-
0,062	0,001	96,796	2,839	0,208	0,302	0,032	0,047	0,003	0,008	0	-	0,004	-	-	-
0,055	0,001	96,533	3,113	0,219	0,298	0,032	0,041	0,001	0,004	0	-	0,001	-	-	-
0,058	0,001	96,579	3,065	0,217	0,297	0,032	0,041	0,001	0,004	0	-	0,001	-	-	-
0,062	0,001	96,593	3,049	0,216	0,295	0,032	0,041	0,001	0,004	0	-	0,001	-	-	-
0,055	0,001	96,566	3,079	0,218	0,298	0,032	0,042	0,001	0,004	0	-	0,001	-	-	-
0,054	0,001	96,521	3,121	0,22	0,303	0,033	0,042	0,001	0,006	0	-	0,001	-	-	-
0,031	0	98,756	0,878	0,146	0,335	0,033	0,092	0,014	0,033	0	0,015	-	0,004	0	0
0,057	0	98,048	1,576	0,163	0,319	0,029	0,075	0,011	0,026	0	0,012	-	0,002	0	0
0,134	0	95,963	3,633	0,213	0,27	0,018	0,027	0,003	0,006	0	0,003	-	0	0	0
0,14	0	96,014	3,577	0,211	0,269	0,018	0,027	0,003	0,007	0	0,003	-	0	0	0
0,131	0	96,061	3,533	0,212	0,275	0,019	0,03	0,004	0,008	0	0,003	-	0	0	0
0,121	0	96,313	3,285	0,206	0,281	0,02	0,036	0,005	0,01	0	0,004	-	0	0	0
0,108	0	96,499	3,105	0,203	0,288	0,022	0,041	0,006	0,012	0	0,005	-	0	0	0
0,087	0	96,804	2,81	0,197	0,299	0,024	0,05	0,007	0,015	0	0,007	-	0	0	0
0,06	0	97,596	2,023	0,178	0,321	0,028	0,069	0,01	0,023	0	0,01	-	0,002	0	0
0,062	0	96,831	2,809	0,209	0,297	0,026	0,047	0,003	0,008	0	0,003	-	0	0	0
0,057	0	96,56	3,09	0,221	0,293	0,026	0,041	0,001	0,004	0	0	-	0	0	0
0,059	0	96,592	3,057	0,22	0,292	0,026	0,041	0,001	0,004	0	0,001	-	0	0	0
0,063	0	96,615	3,032	0,218	0,29	0,025	0,041	0,001	0,004	0	0,001	-	0	0	0
0,056	0	96,582	3,069	0,22	0,293	0,026	0,041	0,001	0,004	0	0,001	-	0	0	0
0,054	0	96,555	3,096	0,222	0,294	0,026	0,041	0,001	0,004	0	0,001	-	0	0	0

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
9,567039	34,441	10,095412	36,343	10,621413	38,237	11,197717	40,312	12,75	45,899	13,452
9,624038	34,647	10,155699	36,561	10,682451	38,457	11,262153	40,544	12,78	46,01	13,485
9,726811	35,017	10,264248	36,951	10,792426	38,853	11,378069	40,961	12,833	46,198	13,54
9,723046	35,003	10,260271	36,937	10,788203	38,838	11,373789	40,946	12,83	46,188	13,537
9,719939	34,992	10,257027	36,925	10,784949	38,826	11,370353	40,933	12,829	46,185	13,536
9,701705	34,926	10,23773	36,856	10,765423	38,756	11,34974	40,859	12,82	46,151	13,526
9,703836	34,934	10,239981	36,864	10,767667	38,764	11,352209	40,868	12,822	46,161	13,529
9,693881	34,898	10,229467	36,826	10,757174	38,726	11,341032	40,828	12,819	46,148	13,525
9,648126	34,733	10,181143	36,652	10,708271	38,55	11,289411	40,642	12,795	46,062	13,5
9,699866	34,92	10,235846	36,849	10,76373	38,749	11,347947	40,853	12,825	46,171	13,532
9,725392	35,011	10,262744	36,946	10,791033	38,848	11,376766	40,956	12,841	46,227	13,549
9,721046	34,996	10,258154	36,929	10,786366	38,831	11,37184	40,939	12,838	46,217	13,546
9,718025	34,985	10,254963	36,918	10,783118	38,819	11,368431	40,926	12,836	46,209	13,543
9,720858	34,995	10,257958	36,929	10,786181	38,83	11,371641	40,938	12,838	46,218	13,546
9,723768	35,006	10,261028	36,94	10,789305	38,841	11,374942	40,95	12,84	46,225	13,548
9,725463	35,012	10,266176	36,958	10,787716	38,836	11,376817	40,957	12,706	45,742	13,408
9,653452	34,752	10,189054	36,681	10,713004	38,567	11,296859	40,669	12,761	45,938	13,463
9,750535	35,102	10,289309	37,042	10,817629	38,943	11,404819	41,057	12,845	46,241	13,553
9,748134	35,093	10,28677	37,032	10,815089	38,934	11,40217	41,048	12,845	46,242	13,553
9,747841	35,092	10,286509	37,031	10,814861	38,933	11,401879	41,047	12,846	46,245	13,554
9,732765	35,038	10,27053	36,974	10,798692	38,875	11,384861	40,985	12,838	46,217	13,546
9,724016	35,006	10,261298	36,941	10,789365	38,842	11,375015	40,95	12,834	46,202	13,541
9,732726	35,038	10,27052	36,974	10,798266	38,874	11,38444	40,984	12,821	46,157	13,528
9,659684	34,775	10,19335	36,696	10,720652	38,594	11,302519	40,689	12,802	46,086	13,507
9,705924	34,941	10,242183	36,872	10,770158	38,773	11,354734	40,877	12,829	46,184	13,536
9,724134	35,007	10,261414	36,941	10,789686	38,843	11,375344	40,951	12,84	46,225	13,548
9,720363	34,993	10,257432	36,927	10,785636	38,828	11,371055	40,936	12,838	46,216	13,545
9,71844	34,986	10,255401	36,919	10,783561	38,821	11,368879	40,928	12,836	46,21	13,544
9,721762	34,998	10,258909	36,932	10,787162	38,834	11,37268	40,942	12,839	46,22	13,546
9,726182	35,014	10,263578	36,949	10,791889	38,851	11,377669	40,96	12,842	46,23	13,549
9,580138	34,488	10,109213	36,393	10,635419	38,288	11,21253	40,365	12,759	45,931	13,462
9,623213	34,644	10,154703	36,557	10,681459	38,453	11,261118	40,54	12,781	46,011	13,485
9,750309	35,101	10,288943	37,04	10,817306	38,942	11,404504	41,056	12,847	46,248	13,555
9,745723	35,085	10,284099	37,023	10,812372	38,925	11,399297	41,037	12,843	46,236	13,551
9,74468	35,081	10,282999	37,019	10,811292	38,921	11,398157	41,033	12,844	46,238	13,551
9,729332	35,026	10,266787	36,96	10,794887	38,862	11,380842	40,971	12,836	46,209	13,543
9,719478	34,99	10,25638	36,923	10,784384	38,824	11,369756	40,931	12,832	46,194	13,539
9,702929	34,931	10,2389	36,86	10,766735	38,76	11,351127	40,864	12,824	46,167	13,531
9,654956	34,758	10,188233	36,678	10,715453	38,576	11,297001	40,669	12,799	46,077	13,504
9,702449	34,929	10,238388	36,858	10,766309	38,759	11,350671	40,862	12,827	46,177	13,534
9,721147	34,996	10,258137	36,929	10,786357	38,831	11,371829	40,939	12,838	46,219	13,546
9,718532	34,987	10,255375	36,919	10,783549	38,821	11,368866	40,928	12,837	46,212	13,544
9,715872	34,977	10,252565	36,909	10,780681	38,81	11,365839	40,917	12,835	46,205	13,542
9,719872	34,992	10,256789	36,924	10,784995	38,826	11,370392	40,933	12,838	46,216	13,545
9,722157	35	10,259203	36,933	10,787449	38,835	11,372982	40,943	12,839	46,222	13,547

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)
48,428	14,155	50,958	14,921	53,716	0,69	0,7282	0,5631	0,5632	16,281	510,699	93,511
48,545	14,186	51,07	14,954	53,834	0,695	0,7333	0,5671	0,5672	16,396	507,15	91,456
48,744	14,239	51,259	15,009	54,034	0,704	0,743	0,5745	0,5747	16,61	500,56	87,864
48,733	14,235	51,247	15,006	54,022	0,704	0,7428	0,5743	0,5745	16,605	500,719	87,957
48,73	14,235	51,245	15,005	54,02	0,703	0,7424	0,574	0,5742	16,596	500,983	88,068
48,694	14,225	51,211	14,995	53,983	0,702	0,7407	0,5727	0,5729	16,559	502,111	88,637
48,705	14,228	51,222	14,999	53,995	0,702	0,7407	0,5727	0,5729	16,559	502,125	88,584
48,691	14,225	51,21	14,995	53,982	0,701	0,7396	0,5719	0,572	16,534	502,866	88,946
48,6	14,201	51,123	14,97	53,891	0,697	0,7353	0,5686	0,5687	16,44	505,752	90,536
48,715	14,232	51,234	15,002	54,008	0,701	0,7398	0,572	0,5722	16,539	502,734	88,928
48,775	14,248	51,293	15,019	54,07	0,703	0,7418	0,5736	0,5738	16,585	501,339	88,162
48,764	14,245	51,282	15,016	54,058	0,703	0,7415	0,5734	0,5735	16,577	501,558	88,284
48,756	14,243	51,274	15,014	54,05	0,702	0,7413	0,5732	0,5734	16,573	501,699	88,37
48,765	14,245	51,283	15,017	54,059	0,703	0,7415	0,5733	0,5735	16,576	501,599	88,3
48,773	14,247	51,29	15,019	54,067	0,703	0,7417	0,5735	0,5736	16,581	501,458	88,22
48,268	14,095	50,743	14,857	53,485	0,718	0,7585	0,586	0,5862	16,955	490,929	86,155
48,466	14,161	50,98	14,927	53,736	0,702	0,7406	0,5727	0,5728	16,557	502,4	89,771
48,789	14,25	51,301	15,022	54,079	0,706	0,7452	0,5762	0,5764	16,66	499,063	87,093
48,79	14,251	51,303	15,022	54,081	0,706	0,7449	0,5759	0,5761	16,652	499,322	87,186
48,794	14,252	51,307	15,024	54,085	0,706	0,7447	0,5758	0,576	16,648	499,423	87,204
48,764	14,244	51,279	15,015	54,055	0,704	0,7433	0,5747	0,5749	16,617	500,359	87,659
48,748	14,24	51,263	15,011	54,039	0,704	0,7425	0,5741	0,5742	16,598	500,924	87,901
48,701	14,225	51,21	14,995	53,983	0,706	0,7453	0,5763	0,5764	16,661	499,124	87,437
48,626	14,208	51,148	14,977	53,917	0,698	0,7363	0,5694	0,5695	16,462	505,065	90,109
48,729	14,235	51,247	15,006	54,022	0,701	0,7403	0,5724	0,5726	16,55	502,4	88,726
48,773	14,247	51,29	15,019	54,067	0,703	0,7417	0,5735	0,5737	16,582	501,416	88,201
48,763	14,245	51,28	15,016	54,057	0,703	0,7414	0,5733	0,5735	16,576	501,605	88,306
48,757	14,243	51,274	15,014	54,05	0,702	0,7413	0,5732	0,5734	16,574	501,675	88,355
48,767	14,246	51,285	15,017	54,061	0,703	0,7415	0,5734	0,5735	16,578	501,545	88,269
48,778	14,249	51,295	15,02	54,073	0,703	0,7419	0,5736	0,5738	16,585	501,319	88,128
48,462	14,164	50,991	14,931	53,751	0,691	0,7291	0,5638	0,564	16,302	510,016	92,742
48,546	14,186	51,071	14,954	53,836	0,695	0,7332	0,5669	0,5671	16,392	507,273	91,201
48,796	14,252	51,309	15,024	54,087	0,706	0,745	0,576	0,5762	16,655	499,235	87,09
48,784	14,249	51,296	15,02	54,074	0,706	0,7447	0,5758	0,576	16,648	499,445	87,203
48,785	14,25	51,299	15,021	54,076	0,705	0,7445	0,5756	0,5758	16,643	499,587	87,237
48,755	14,242	51,27	15,013	54,046	0,704	0,743	0,5745	0,5747	16,611	500,56	87,674
48,739	14,238	51,255	15,008	54,03	0,703	0,742	0,5737	0,5739	16,588	501,226	87,969
48,711	14,23	51,229	15,001	54,003	0,701	0,7403	0,5725	0,5726	16,551	502,358	88,504
48,616	14,205	51,138	14,974	53,907	0,697	0,7359	0,569	0,5692	16,452	505,367	90,103
48,721	14,233	51,24	15,004	54,014	0,701	0,74	0,5722	0,5723	16,543	502,613	88,747
48,765	14,245	51,283	15,017	54,059	0,703	0,7415	0,5733	0,5735	16,576	501,588	88,286
48,759	14,243	51,277	15,015	54,053	0,702	0,7413	0,5732	0,5733	16,572	501,722	88,354
48,751	14,241	51,269	15,012	54,044	0,702	0,7411	0,5731	0,5732	16,568	501,834	88,426
48,763	14,245	51,281	15,016	54,057	0,702	0,7413	0,5732	0,5734	16,574	501,672	88,32
48,769	14,246	51,287	15,018	54,063	0,703	0,7415	0,5734	0,5735	16,577	501,557	88,26