

Vrijeme od	Vrijeme do	Oznaka mjesta uzorkovanja	Mjesto uzorkovanja	Vrsta mjesta uzorkovanja
16.6.2021 6:00	17.6.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
17.6.2021 6:00	18.6.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
18.6.2021 6:00	19.6.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
19.6.2021 6:00	20.6.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
20.6.2021 6:00	21.6.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
21.6.2021 6:00	22.6.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
22.6.2021 6:00	23.6.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
23.6.2021 6:00	24.6.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
24.6.2021 6:00	25.6.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
25.6.2021 6:00	26.6.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
26.6.2021 6:00	27.6.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
27.6.2021 6:00	28.6.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
28.6.2021 6:00	29.6.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
29.6.2021 6:00	30.6.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
30.6.2021 6:00	1.7.2021 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
16.6.2021 6:00	17.6.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
17.6.2021 6:00	18.6.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
18.6.2021 6:00	19.6.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
19.6.2021 6:00	20.6.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
20.6.2021 6:00	21.6.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
21.6.2021 6:00	22.6.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
22.6.2021 6:00	23.6.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
23.6.2021 6:00	24.6.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
24.6.2021 6:00	25.6.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
25.6.2021 6:00	26.6.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
26.6.2021 6:00	27.6.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
27.6.2021 6:00	28.6.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
28.6.2021 6:00	29.6.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
29.6.2021 6:00	30.6.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
30.6.2021 6:00	1.7.2021 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
16.6.2021 6:00	17.6.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
17.6.2021 6:00	18.6.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
18.6.2021 6:00	19.6.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
19.6.2021 6:00	20.6.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
20.6.2021 6:00	21.6.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
21.6.2021 6:00	22.6.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
22.6.2021 6:00	23.6.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
23.6.2021 6:00	24.6.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
24.6.2021 6:00	25.6.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
25.6.2021 6:00	26.6.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
26.6.2021 6:00	27.6.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
27.6.2021 6:00	28.6.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
28.6.2021 6:00	29.6.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
29.6.2021 6:00	30.6.2021 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
30.6.2021 6:00	1.7.2021 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 %)
1.7.2021 13:57	0,04	0	94,414	5,211	0,263	0,335	0,037	0,033	0	0,002	0	-	0	-
1.7.2021 13:57	0,042	0	94,428	5,196	0,262	0,334	0,037	0,033	0	0,002	0	-	0	-
1.7.2021 13:57	0,093	0	94,754	4,833	0,246	0,32	0,04	0,032	0	0,002	0	-	0	-
1.7.2021 13:57	0,107	0	94,592	4,987	0,25	0,313	0,03	0,031	0	0,002	0	-	0	-
1.7.2021 13:57	0,167	0,026	95,458	3,976	0,252	0,373	0,076	0,039	0,001	0,003	0	-	0,001	-
1.7.2021 13:57	0,053	0,003	94,361	5,245	0,267	0,339	0,036	0,033	0	0,002	0	-	0	-
1.7.2021 13:57	0,043	0	94,237	5,379	0,27	0,341	0,035	0,033	0	0,002	0	-	0	-
1.7.2021 13:57	0,036	0	94,157	5,461	0,275	0,347	0,036	0,034	0	0,002	0	-	0	-
1.7.2021 13:57	0,03	0	94,105	5,515	0,278	0,35	0,036	0,034	0	0,002	0	-	0	-
1.7.2021 13:57	0,028	0	95,556	4,126	0,218	0,29	0,027	0,029	0,003	0,006	0,001	-	0,007	-
1.7.2021 13:57	0,025	0	96,107	3,601	0,196	0,267	0,024	0,027	0,004	0,007	0,001	-	0,009	-
1.7.2021 13:57	0,024	0	96,079	3,629	0,197	0,269	0,024	0,027	0,004	0,007	0,001	-	0,009	-
1.7.2021 13:57	0,023	0	96,076	3,631	0,198	0,269	0,024	0,027	0,004	0,007	0,001	-	0,009	-
1.7.2021 13:57	0,025	0	96,063	3,642	0,198	0,27	0,024	0,027	0,004	0,007	0,001	-	0,009	-
1.7.2021 13:57	0,021	0	96,038	3,669	0,2	0,272	0,024	0,027	0,004	0,007	0,001	-	0,009	-
1.7.2021 13:57	0,046	0	94,461	5,161	0,261	0,332	0,036	0,032	0	0,002	0	-	0	-
1.7.2021 13:57	0,296	0,175	94,623	4,314	0,444	0,592	0,065	0,061	0,006	0,009	0,001	-	0,007	-
1.7.2021 13:57	0,706	0,461	94,554	3,183	0,802	1,096	0,12	0,113	0,017	0,023	0,001	-	0,02	-
1.7.2021 13:57	0,719	0,466	94,831	2,951	0,751	1,033	0,113	0,108	0,017	0,022	0,001	-	0,021	-
1.7.2021 13:57	0,692	0,454	94,995	2,894	0,698	0,964	0,105	0,102	0,016	0,021	0,001	-	0,021	-
1.7.2021 13:57	0,305	0,18	94,627	4,303	0,436	0,584	0,063	0,06	0,006	0,009	0,001	-	0,008	-
1.7.2021 13:57	0,116	0,051	94,361	5,069	0,313	0,403	0,041	0,04	0,002	0,004	0	-	0,002	-
1.7.2021 13:57	0,037	0	94,174	5,443	0,275	0,346	0,035	0,034	0	0,002	0	-	0	-
1.7.2021 13:57	0,031	0	94,125	5,495	0,278	0,349	0,035	0,034	0	0,002	0	-	0	-
1.7.2021 13:57	0,029	0	95,191	4,476	0,234	0,304	0,029	0,03	0,002	0,005	0	-	0,004	-
1.7.2021 13:57	0,028	0	96,082	3,624	0,197	0,266	0,023	0,027	0,004	0,007	0	-	0,008	-
1.7.2021 13:57	0,026	0	96,112	3,597	0,196	0,265	0,023	0,027	0,004	0,007	0	-	0,008	-
1.7.2021 13:57	0,025	0	96,086	3,622	0,198	0,267	0,023	0,027	0,004	0,007	0	-	0,008	-
1.7.2021 13:57	0,024	0	96,07	3,637	0,199	0,269	0,023	0,027	0,004	0,007	0	-	0,008	-
1.7.2021 13:57	0,024	0	96,054	3,652	0,199	0,27	0,024	0,027	0,004	0,007	0	-	0,008	-
1.7.2021 13:57	0,04	0	94,424	5,203	0,269	0,334	0,03	0,033	0	0,002	0	0	-	0
1.7.2021 13:57	0,041	0	94,432	5,194	0,268	0,333	0,03	0,033	0	0,002	0	0	-	0
1.7.2021 13:57	0,08	0	94,7	4,898	0,255	0,321	0,032	0,032	0	0,002	0	0	-	0
1.7.2021 13:57	0,107	0	94,621	4,959	0,255	0,313	0,025	0,031	0	0,002	0	0	-	0
1.7.2021 13:57	0,155	0,017	95,374	4,103	0,252	0,35	0,057	0,037	0,001	0,003	0	0	-	0
1.7.2021 13:57	0,083	0,016	94,488	5,059	0,282	0,353	0,032	0,035	0,001	0,002	0	0	-	0
1.7.2021 13:57	0,044	0	94,273	5,344	0,276	0,339	0,028	0,033	0	0,002	0	0	-	0
1.7.2021 13:57	0,036	0	94,163	5,454	0,282	0,347	0,029	0,034	0	0,002	0	0	-	0
1.7.2021 13:57	0,032	0	94,131	5,488	0,284	0,349	0,029	0,034	0	0,002	0	0	-	0
1.7.2021 13:57	0,028	0	95,336	4,34	0,233	0,297	0,023	0,03	0,002	0,005	0	0,003	-	0
1.7.2021 13:57	0,027	0	96,114	3,596	0,201	0,263	0,019	0,027	0,004	0,007	0	0,005	-	0
1.7.2021 13:57	0,024	0	96,108	3,604	0,201	0,264	0,019	0,027	0,004	0,007	0	0,005	-	0
1.7.2021 13:57	0,024	0	96,09	3,621	0,202	0,265	0,019	0,027	0,004	0,007	0	0,006	-	0
1.7.2021 13:57	0,024	0	96,077	3,633	0,203	0,266	0,019	0,027	0,004	0,007	0	0,006	-	0
1.7.2021 13:57	0,022	0	96,06	3,65	0,204	0,267	0,02	0,027	0,004	0,007	0	0,006	-	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
-	-	9,88598	35,59	10,43237	37,557	10,963117	39,467	11,558431	41,61	12,936	46,571	13,649
-	-	9,884527	35,584	10,430837	37,551	10,961553	39,462	11,556782	41,604	12,935	46,567	13,648
-	-	9,850611	35,462	10,395013	37,422	10,925029	39,33	11,518228	41,466	12,91	46,475	13,621
-	-	9,858985	35,492	10,403858	37,454	10,933942	39,362	11,527639	41,5	12,913	46,487	13,625
-	-	9,789284	35,241	10,330247	37,189	10,858973	39,092	11,448513	41,215	12,861	46,299	13,57
-	-	9,88747	35,595	10,433946	37,562	10,964652	39,473	11,560055	41,616	12,935	46,567	13,648
-	-	9,898899	35,636	10,446017	37,606	10,976944	39,517	11,57303	41,663	12,944	46,597	13,657
-	-	9,906644	35,664	10,454197	37,635	10,985269	39,547	11,581818	41,695	12,949	46,616	13,663
-	-	9,911737	35,682	10,459576	37,654	10,990746	39,567	11,587599	41,715	12,952	46,629	13,666
-	-	9,80079	35,283	10,342383	37,233	10,871906	39,139	11,462139	41,264	12,888	46,398	13,599
-	-	9,760342	35,137	10,299659	37,079	10,828589	38,983	11,416409	41,099	12,865	46,314	13,574
-	-	9,762775	35,146	10,302228	37,088	10,831199	38,992	11,419164	41,109	12,867	46,32	13,576
-	-	9,763059	35,147	10,302528	37,089	10,831503	38,993	11,419485	41,11	12,867	46,321	13,576
-	-	9,763907	35,15	10,303424	37,092	10,832408	38,997	11,42044	41,114	12,867	46,322	13,576
-	-	9,766613	35,16	10,306283	37,103	10,835321	39,007	11,423516	41,125	12,869	46,329	13,578
-	-	9,880895	35,571	10,426999	37,537	10,957644	39,448	11,552654	41,59	12,933	46,558	13,646
-	-	9,82402	35,366	10,366979	37,321	10,895161	39,223	11,486771	41,352	12,84	46,223	13,548
-	-	9,763658	35,149	10,303316	37,092	10,827989	38,981	11,415992	41,098	12,708	45,75	13,409
-	-	9,734528	35,044	10,272547	36,981	10,79671	38,868	11,38297	40,979	12,689	45,679	13,388
-	-	9,722425	35,001	10,259756	36,935	10,783878	38,822	11,369416	40,93	12,687	45,671	13,386
-	-	9,82193	35,359	10,364772	37,313	10,892899	39,214	11,484385	41,344	12,838	46,216	13,545
-	-	9,876055	35,554	10,421902	37,519	10,952033	39,427	11,546754	41,568	12,913	46,488	13,625
-	-	9,904846	35,657	10,452299	37,628	10,983336	39,54	11,579778	41,687	12,948	46,611	13,661
-	-	9,909738	35,675	10,457465	37,647	10,988598	39,559	11,585333	41,707	12,951	46,624	13,665
-	-	9,828311	35,382	10,371453	37,337	10,901381	39,245	11,493256	41,376	12,904	46,455	13,615
-	-	9,761104	35,14	10,300463	37,082	10,829391	38,986	11,417256	41,102	12,865	46,315	13,574
-	-	9,759338	35,134	10,298597	37,075	10,827508	38,979	11,415269	41,095	12,864	46,312	13,573
-	-	9,761687	35,142	10,301078	37,084	10,830028	38,988	11,417929	41,105	12,866	46,317	13,575
-	-	9,763041	35,147	10,302509	37,089	10,831479	38,993	11,419461	41,11	12,867	46,32	13,576
-	-	9,764359	35,152	10,3039	37,094	10,832894	38,998	11,420954	41,115	12,868	46,323	13,577
0	0	9,884697	35,585	10,430887	37,551	10,961632	39,462	11,556841	41,605	12,936	46,568	13,649
0	0	9,883779	35,582	10,429918	37,548	10,960644	39,458	11,555798	41,601	12,935	46,566	13,648
0	0	9,856512	35,483	10,401118	37,444	10,931287	39,353	11,524813	41,489	12,915	46,493	13,626
0	0	9,856623	35,484	10,401237	37,444	10,931303	39,353	11,524833	41,489	12,912	46,482	13,623
0	0	9,795544	35,264	10,336725	37,212	10,865633	39,116	11,455521	41,24	12,867	46,322	13,577
0	0	9,8718	35,538	10,41727	37,502	10,947596	39,411	11,542033	41,551	12,92	46,513	13,632
0	0	9,89552	35,624	10,44232	37,592	10,973214	39,504	11,569067	41,649	12,942	46,589	13,655
0	0	9,905608	35,66	10,452975	37,631	10,98405	39,543	11,580505	41,69	12,948	46,614	13,662
0	0	9,908892	35,672	10,456444	37,643	10,987584	39,555	11,584235	41,703	12,951	46,622	13,664
0	0	9,817098	35,342	10,359479	37,294	10,889256	39,201	11,480438	41,33	12,898	46,432	13,609
0	0	9,75759	35,127	10,296626	37,068	10,825509	38,972	11,413151	41,087	12,863	46,308	13,572
0	0	9,758716	35,131	10,297812	37,072	10,826727	38,976	11,414433	41,092	12,864	46,312	13,573
0	0	9,760101	35,136	10,299278	37,077	10,828209	38,982	11,416002	41,098	12,865	46,314	13,574
0	0	9,761118	35,14	10,300353	37,081	10,829297	38,985	11,41715	41,102	12,866	46,316	13,575
0	0	9,762832	35,146	10,302163	37,088	10,831142	38,992	11,419097	41,109	12,867	46,321	13,576

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	$\rho$ (kg/m3) @15	$\rho$ (kg/m3) @0	d@15	d@0	M kg/kmol	R J/kgK	MN (metanski broj)
49,138	14,346	51,645	15,123	54,442	0,716	0,7553	0,584	0,5842	16,883	492,472	83,672
49,134	14,345	51,641	15,122	54,438	0,716	0,7552	0,5839	0,5841	16,881	492,533	83,704
49,037	14,318	51,544	15,093	54,335	0,713	0,753	0,5822	0,5824	16,832	493,958	84,463
49,049	14,321	51,555	15,096	54,347	0,714	0,7539	0,5829	0,5831	16,852	493,375	84,217
48,851	14,266	51,358	15,039	54,139	0,71	0,7493	0,5794	0,5795	16,751	496,392	85,962
49,133	14,344	51,64	15,121	54,436	0,716	0,7557	0,5843	0,5845	16,891	492,234	83,594
49,165	14,353	51,671	15,13	54,47	0,717	0,7564	0,5849	0,585	16,905	491,856	83,337
49,185	14,359	51,691	15,136	54,491	0,717	0,757	0,5853	0,5855	16,917	491,494	83,158
49,199	14,362	51,705	15,14	54,505	0,718	0,7573	0,5856	0,5858	16,929	491,141	83,041
48,955	14,297	51,469	15,071	54,255	0,709	0,7479	0,5783	0,5784	16,72	497,296	85,99
48,867	14,273	51,383	15,046	54,165	0,705	0,7444	0,5756	0,5757	16,641	499,641	87,136
48,873	14,275	51,389	15,048	54,171	0,706	0,7446	0,5757	0,5759	16,645	499,512	87,066
48,873	14,275	51,39	15,048	54,172	0,706	0,7446	0,5757	0,5759	16,646	499,497	87,056
48,875	14,275	51,391	15,048	54,174	0,706	0,7447	0,5758	0,576	16,648	499,439	87,027
48,883	14,277	51,399	15,05	54,182	0,706	0,7449	0,576	0,5761	16,652	499,319	86,955
49,124	14,342	51,631	15,119	54,427	0,715	0,7549	0,5837	0,5839	16,876	492,694	83,784
48,771	14,24	51,263	15,011	54,039	0,717	0,7571	0,5854	0,5856	16,925	491,28	84,274
48,272	14,094	50,737	14,857	53,485	0,723	0,7634	0,5903	0,5904	17,065	487,227	84,24
48,197	14,073	50,663	14,835	53,407	0,721	0,7612	0,5886	0,5887	17,016	488,626	84,999
48,189	14,072	50,658	14,834	53,401	0,72	0,7596	0,5873	0,5875	16,979	489,674	85,434
48,763	14,238	51,255	15,009	54,031	0,717	0,7571	0,5854	0,5855	16,923	491,304	84,337
49,051	14,32	51,553	15,096	54,345	0,717	0,7565	0,5849	0,5851	16,909	491,705	83,657
49,181	14,357	51,687	15,135	54,486	0,717	0,7569	0,5852	0,5854	16,918	491,458	83,195
49,194	14,361	51,7	15,139	54,5	0,717	0,7572	0,5855	0,5856	16,926	491,236	83,084
49,015	14,313	51,527	15,088	54,317	0,711	0,7502	0,5801	0,5803	16,771	495,762	85,247
48,867	14,273	51,383	15,046	54,165	0,705	0,7445	0,5757	0,5758	16,643	499,565	87,104
48,864	14,272	51,381	15,045	54,163	0,705	0,7443	0,5755	0,5757	16,639	499,69	87,163
48,87	14,274	51,386	15,047	54,169	0,705	0,7445	0,5757	0,5758	16,643	499,566	87,093
48,873	14,275	51,389	15,048	54,172	0,706	0,7446	0,5758	0,5759	16,646	499,49	87,051
48,876	14,276	51,392	15,049	54,175	0,706	0,7447	0,5758	0,576	16,648	499,42	87,013
49,135	14,345	51,642	15,122	54,439	0,716	0,7552	0,5839	0,5841	16,881	492,548	83,707
49,132	14,344	51,639	15,121	54,436	0,715	0,7551	0,5839	0,584	16,879	492,586	83,727
49,055	14,323	51,563	15,099	54,355	0,714	0,7533	0,5825	0,5826	16,839	493,758	84,342
49,044	14,319	51,55	15,095	54,341	0,714	0,7537	0,5828	0,5829	16,848	493,515	84,28
48,875	14,273	51,383	15,046	54,166	0,71	0,7495	0,5795	0,5797	16,755	496,282	85,725
49,076	14,328	51,582	15,104	54,375	0,715	0,755	0,5838	0,5839	16,877	492,661	83,873
49,157	14,351	51,663	15,128	54,461	0,716	0,7561	0,5847	0,5848	16,902	491,918	83,421
49,182	14,358	51,688	15,135	54,488	0,717	0,7569	0,5853	0,5854	16,919	491,428	83,182
49,191	14,36	51,697	15,138	54,497	0,717	0,7571	0,5854	0,5856	16,924	491,284	83,109
48,991	14,306	51,503	15,081	54,292	0,71	0,7492	0,5793	0,5795	16,749	496,433	85,454
48,86	14,271	51,376	15,044	54,158	0,705	0,7442	0,5754	0,5756	16,636	499,787	87,114
48,863	14,272	51,38	15,045	54,162	0,705	0,7442	0,5755	0,5756	16,637	499,751	87,087
48,866	14,273	51,383	15,046	54,165	0,705	0,7443	0,5755	0,5757	16,64	499,669	87,041
48,868	14,274	51,385	15,046	54,167	0,705	0,7444	0,5756	0,5758	16,642	499,608	87,009
48,873	14,275	51,39	15,048	54,172	0,705	0,7445	0,5757	0,5759	16,645	499,53	86,962