

Vrijeme od	Vrijeme do	Oznaka mjesta uzorkovanja	Mjesto uzorkovanja	Vrsta mjesta uzorkovanja	Zadnja izmjena
01.12.2024 06:00	02.12.2024 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	02.12.2024 15:02
02.12.2024 06:00	03.12.2024 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	03.12.2024 07:55
03.12.2024 06:00	04.12.2024 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	04.12.2024 07:55
04.12.2024 06:00	05.12.2024 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	05.12.2024 07:55
05.12.2024 06:00	06.12.2024 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	06.12.2024 07:55
06.12.2024 06:00	07.12.2024 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	07.12.2024 07:55
07.12.2024 06:00	08.12.2024 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	08.12.2024 07:55
08.12.2024 06:00	09.12.2024 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	09.12.2024 07:55
09.12.2024 06:00	10.12.2024 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	10.12.2024 07:55
10.12.2024 06:00	11.12.2024 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	11.12.2024 07:55
11.12.2024 06:00	12.12.2024 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	12.12.2024 07:55
12.12.2024 06:00	13.12.2024 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	13.12.2024 07:55
13.12.2024 06:00	14.12.2024 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	14.12.2024 07:55
14.12.2024 06:00	15.12.2024 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	15.12.2024 07:55
15.12.2024 06:00	16.12.2024 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	16.12.2024 07:55
01.12.2024 06:00	02.12.2024 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	02.12.2024 15:03
02.12.2024 06:00	03.12.2024 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	03.12.2024 07:55
03.12.2024 06:00	04.12.2024 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	04.12.2024 07:55
04.12.2024 06:00	05.12.2024 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	05.12.2024 07:55
05.12.2024 06:00	06.12.2024 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	06.12.2024 07:55
06.12.2024 06:00	07.12.2024 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	07.12.2024 07:55
07.12.2024 06:00	08.12.2024 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	08.12.2024 07:55
08.12.2024 06:00	09.12.2024 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	09.12.2024 07:55
09.12.2024 06:00	10.12.2024 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	10.12.2024 07:55
10.12.2024 06:00	11.12.2024 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	11.12.2024 07:55
11.12.2024 06:00	12.12.2024 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	12.12.2024 07:55
12.12.2024 06:00	13.12.2024 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	13.12.2024 07:55
13.12.2024 06:00	14.12.2024 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	14.12.2024 07:55
14.12.2024 06:00	15.12.2024 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	15.12.2024 07:55
15.12.2024 06:00	16.12.2024 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	16.12.2024 07:55
01.12.2024 06:00	02.12.2024 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	02.12.2024 15:03
02.12.2024 06:00	03.12.2024 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	03.12.2024 07:55
03.12.2024 06:00	04.12.2024 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	04.12.2024 07:55
04.12.2024 06:00	05.12.2024 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	05.12.2024 07:55
05.12.2024 06:00	06.12.2024 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	06.12.2024 07:55
06.12.2024 06:00	07.12.2024 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	07.12.2024 07:55
07.12.2024 06:00	08.12.2024 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	08.12.2024 07:55
08.12.2024 06:00	09.12.2024 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	09.12.2024 07:55
09.12.2024 06:00	10.12.2024 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	10.12.2024 07:55
10.12.2024 06:00	11.12.2024 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	11.12.2024 07:55
11.12.2024 06:00	12.12.2024 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	12.12.2024 07:55
12.12.2024 06:00	13.12.2024 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	13.12.2024 07:55
13.12.2024 06:00	14.12.2024 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	14.12.2024 07:55
14.12.2024 06:00	15.12.2024 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	15.12.2024 07:55
15.12.2024 06:00	16.12.2024 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	16.12.2024 07:55

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 %)	C9+ (mol %)
0,424	0,016	92,924	6,261	0,257	0,374	0,085	0,025	0,003	0,004	0	0,001	-	0	0	0
0,379	0,018	93,285	5,963	0,242	0,355	0,080	0,025	0,002	0,004	0	0,001	-	0	0	0
0,373	0,017	93,178	6,085	0,231	0,346	0,084	0,024	0,002	0,004	0	0,001	-	0	0	0
0,362	0,018	93,133	6,150	0,223	0,337	0,084	0,024	0,002	0,004	0	0,001	-	0	0	0
0,367	0,029	93,703	5,499	0,286	0,403	0,077	0,031	0,003	0,005	0	0,001	-	0	0	0
0,352	0,032	93,824	5,395	0,278	0,397	0,078	0,032	0,003	0,005	0	0,001	-	0	0	0
0,254	0,015	92,713	6,577	0,300	0,441	0,099	0,038	0,002	0,003	0	0	-	0	0	0
0,218	0,029	92,757	5,059	1,548	1,936	0,162	0,217	0,003	0,005	0	0,001	-	0	0	0
0,242	0,044	93,473	4,563	1,343	1,677	0,137	0,186	0,004	0,006	0	0,001	-	0	0	0
0,228	0,044	93,308	4,683	1,391	1,736	0,140	0,195	0,003	0,006	0	0,001	-	0	0	0
0,194	0,041	92,928	4,945	1,518	1,893	0,151	0,214	0,003	0,005	0	0,001	-	0	0	0
0,261	0,059	93,828	4,444	1,126	1,408	0,114	0,156	0,004	0,006	0	0,002	-	0	0	0
0,242	0,057	93,602	4,631	1,175	1,469	0,119	0,164	0,003	0,006	0	0,002	-	0	0	0
0,254	0,062	93,755	4,563	1,091	1,366	0,112	0,151	0,004	0,006	0	0,002	-	0	0	0
0,258	0,064	93,808	4,572	1,035	1,297	0,108	0,143	0,004	0,006	0	0,002	-	0	0	0
0,430	0,010	92,580	6,640	0,204	0,340	0,110	0,021	0,001	0,003	0	-	0,002	-	-	-
0,375	0,017	93,213	6,034	0,230	0,360	0,098	0,025	0,002	0,004	0	-	0,002	-	-	-
0,365	0,018	93,228	6,026	0,230	0,363	0,101	0,025	0,002	0,004	0	-	0,002	-	-	-
0,357	0,020	93,259	6,006	0,225	0,357	0,100	0,025	0,002	0,004	0	-	0,002	-	-	-
0,343	0,021	93,257	6,007	0,237	0,371	0,101	0,026	0,002	0,004	0	-	0,002	-	-	-
0,347	0,031	93,819	5,396	0,273	0,408	0,093	0,031	0,002	0,005	0	-	0,003	-	-	-
0,279	0,021	93,121	6,225	0,215	0,354	0,107	0,025	0,002	0,004	0	-	0,002	-	-	-
0,142	0,013	91,758	5,959	1,667	2,128	0,219	0,235	0,001	0,004	0	-	0,001	-	-	-
0,118	0,018	91,871	5,583	1,905	2,410	0,228	0,270	0,001	0,004	0	-	0,001	-	-	-
0,197	0,038	92,921	4,912	1,524	1,932	0,184	0,213	0,002	0,005	0	-	0,003	-	-	-
0,181	0,038	92,790	5,009	1,564	1,983	0,190	0,219	0,002	0,005	0	-	0,003	-	-	-
0,186	0,040	92,893	5,004	1,479	1,877	0,181	0,207	0,002	0,005	0	-	0,003	-	-	-
0,216	0,051	93,322	4,781	1,282	1,630	0,158	0,179	0,002	0,005	0	-	0,003	-	-	-
0,197	0,047	93,052	4,990	1,348	1,714	0,167	0,189	0,002	0,005	0	-	0,003	-	-	-
0,221	0,054	93,358	4,845	1,195	1,522	0,150	0,166	0,002	0,005	0	-	0,003	-	-	-
0,432	0	92,141	7,207	0,095	0,220	0,113	0,011	0	0,001	0	-	0	-	-	-
0,381	0,003	92,389	6,981	0,121	0,246	0,109	0,014	0,001	0,002	0	-	0	-	-	-
0,369	0,003	92,263	7,115	0,121	0,249	0,113	0,013	0,001	0,002	0	-	0	-	-	-
0,345	0,003	92,196	7,212	0,114	0,244	0,115	0,013	0,001	0,002	0	-	0	-	-	-
0,286	0,001	92,050	7,435	0,099	0,229	0,118	0,011	0	0,001	0	-	0	-	-	-
0,265	0,001	91,973	7,536	0,095	0,227	0,120	0,011	0	0,001	0	-	0	-	-	-
0,219	0,002	91,975	7,524	0,138	0,280	0,124	0,017	0	0,001	0	-	0	-	-	-
0,063	0	90,678	6,541	2,137	2,718	0,269	0,309	0	0,002	0	-	0	-	-	-
0,021	0	90,514	6,494	2,345	2,970	0,283	0,339	0	0,002	0	-	0	-	-	-
0,028	0,001	90,591	6,424	2,332	2,955	0,282	0,338	0	0,002	0	-	0	-	-	-
0,021	0,001	90,560	6,456	2,337	2,962	0,283	0,339	0	0,002	0	-	0	-	-	-
0,023	0	90,611	6,500	2,257	2,866	0,278	0,328	0	0,002	0	-	0	-	-	-
0,020	0	90,592	6,518	2,260	2,869	0,279	0,329	0	0,002	0	-	0	-	-	-
0,030	0,001	90,675	6,521	2,183	2,772	0,271	0,316	0	0,002	0	-	0	-	-	-
0,043	0,002	90,756	6,575	2,062	2,624	0,261	0,298	0	0,002	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	Wd(Mj/m3) @25/0
9,925298	35,768	10,463101	37,744	11,015869	39,652	11,612765	41,806	46,507	49,070	12,919	13,631
9,904909	35,691	10,441608	37,664	10,993240	39,571	11,588910	41,720	46,479	49,041	12,911	13,622
9,913129	35,722	10,450273	37,696	11,002363	39,604	11,598527	41,755	46,500	49,063	12,917	13,629
9,917459	35,738	10,454837	37,713	11,007168	39,621	11,603593	41,773	46,514	49,077	12,920	13,633
9,879044	35,595	10,414341	37,562	10,964533	39,468	11,558647	41,611	46,421	48,980	12,895	13,605
9,872056	35,569	10,406974	37,534	10,956777	39,440	11,550471	41,582	46,410	48,968	12,892	13,602
9,975170	35,951	10,515676	37,938	11,071221	39,851	11,671116	42,016	46,683	49,256	12,967	13,682
10,098391	36,409	10,645573	38,422	11,207981	40,343	11,815286	42,535	46,944	49,534	13,040	13,760
10,018725	36,113	10,561591	38,109	11,119562	40,025	11,722077	42,199	46,756	49,335	12,988	13,704
10,037871	36,184	10,581774	38,185	11,140812	40,101	11,744478	42,280	46,804	49,384	13,001	13,718
10,084419	36,357	10,630845	38,367	11,192474	40,287	11,798940	42,476	46,919	49,506	13,033	13,752
9,965221	35,915	10,505187	37,900	11,060178	39,812	11,659475	41,974	46,625	49,197	12,951	13,666
9,990064	36,007	10,531376	37,997	11,087751	39,911	11,688542	42,079	46,689	49,263	12,969	13,684
9,967566	35,923	10,507660	37,909	11,062782	39,821	11,662220	41,984	46,633	49,203	12,953	13,668
9,956929	35,884	10,496446	37,867	11,050976	39,779	11,649774	41,939	46,607	49,176	12,946	13,660
9,949035	35,856	10,488125	37,838	11,042214	39,747	11,640538	41,906	46,559	49,126	12,933	13,646
9,913033	35,721	10,450172	37,696	11,002257	39,603	11,598415	41,754	46,498	49,062	12,916	13,628
9,913662	35,723	10,450835	37,698	11,002955	39,606	11,599151	41,757	46,504	49,067	12,918	13,630
9,911875	35,716	10,448951	37,690	11,000971	39,599	11,597060	41,749	46,502	49,065	12,917	13,629
9,915372	35,730	10,452637	37,704	11,004852	39,613	11,601151	41,764	46,514	49,078	12,921	13,633
9,875558	35,581	10,410666	37,548	10,960664	39,454	11,554569	41,596	46,420	48,978	12,894	13,605
9,934778	35,801	10,473095	37,780	11,026390	39,690	11,623857	41,846	46,581	49,149	12,939	13,653
10,204050	36,801	10,756957	38,837	11,325249	40,764	11,938909	42,980	47,211	49,814	13,114	13,837
10,222117	36,868	10,776004	38,907	11,345302	40,836	11,960049	43,056	47,254	49,860	13,126	13,850
10,090303	36,379	10,637047	38,390	11,199004	40,311	11,805824	42,501	46,932	49,519	13,037	13,755
10,106757	36,440	10,654393	38,455	11,217267	40,377	11,825076	42,570	46,974	49,564	13,048	13,768
10,088150	36,370	10,634777	38,382	11,196615	40,302	11,803305	42,492	46,930	49,517	13,036	13,755
10,030840	36,158	10,574363	38,157	11,133008	40,073	11,736252	42,251	46,789	49,369	12,997	13,714
10,061070	36,271	10,606231	38,275	11,166560	40,194	11,771621	42,378	46,864	49,448	13,018	13,736
10,017916	36,110	10,560738	38,106	11,118663	40,022	11,721129	42,196	46,758	49,336	12,988	13,704
9,972033	35,941	10,512369	37,928	11,067739	39,839	11,667446	42,003	46,615	49,184	12,949	13,662
9,964266	35,912	10,504181	37,897	11,059118	39,808	11,658358	41,970	46,617	49,186	12,949	13,663
9,975643	35,954	10,516174	37,942	11,071745	39,853	11,671669	42,018	46,646	49,217	12,957	13,671
9,984056	35,985	10,525043	37,974	11,081083	39,887	11,681513	42,053	46,673	49,246	12,965	13,680
10,003949	36,058	10,546014	38,052	11,103162	39,966	11,704788	42,137	46,742	49,319	12,984	13,700
10,012901	36,092	10,555451	38,087	11,113097	40,002	11,715262	42,175	46,770	49,348	12,992	13,708
10,024536	36,134	10,567716	38,132	11,126011	40,048	11,728875	42,224	46,812	49,392	13,003	13,720
10,346426	37,330	10,907048	39,395	11,483269	41,332	12,105491	43,580	47,550	50,173	13,208	13,937
10,385957	37,477	10,948721	39,550	11,527144	41,490	12,151744	43,746	47,649	50,277	13,236	13,966
10,377682	37,446	10,939998	39,518	11,517960	41,457	12,142062	43,711	47,628	50,255	13,230	13,960
10,382014	37,462	10,944564	39,535	11,522768	41,474	12,147130	43,730	47,641	50,268	13,234	13,963
10,370308	37,418	10,932225	39,489	11,509776	41,428	12,133434	43,680	47,616	50,242	13,227	13,956
10,372375	37,426	10,934403	39,497	11,512069	41,436	12,135852	43,689	47,621	50,248	13,228	13,958
10,356343	37,366	10,917502	39,434	11,494276	41,372	12,117095	43,622	47,583	50,208	13,218	13,947
10,336022	37,291	10,896080	39,354	11,471722	41,291	12,093319	43,536	47,536	50,157	13,204	13,933

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)
14,322	51,558	15,097	54,350	0,725	0,7650	0,5915	0,5917	17,099	486,260	81,456
14,314	51,532	15,090	54,323	0,723	0,7626	0,5897	0,5898	17,046	487,764	82,062
14,320	51,553	15,096	54,345	0,723	0,7632	0,5901	0,5903	17,060	487,368	81,891
14,324	51,568	15,100	54,361	0,723	0,7635	0,5903	0,5905	17,065	487,215	81,824
14,298	51,472	15,072	54,260	0,720	0,7604	0,5880	0,5881	16,997	489,186	82,667
14,295	51,461	15,069	54,248	0,720	0,7596	0,5874	0,5875	16,980	489,661	82,878
14,374	51,747	15,153	54,550	0,727	0,7670	0,5931	0,5933	17,144	484,998	80,661
14,449	52,016	15,232	54,836	0,737	0,7779	0,6015	0,6017	17,386	478,392	77,897
14,395	51,821	15,175	54,629	0,731	0,7715	0,5965	0,5967	17,244	482,297	79,569
14,409	51,871	15,189	54,681	0,732	0,7730	0,5977	0,5979	17,277	481,278	79,172
14,442	51,991	15,224	54,808	0,736	0,7766	0,6004	0,6006	17,356	479,086	78,233
14,357	51,685	15,135	54,486	0,727	0,7673	0,5933	0,5935	17,151	484,912	80,740
14,375	51,751	15,154	54,555	0,729	0,7692	0,5947	0,5949	17,192	483,643	80,204
14,359	51,692	15,137	54,493	0,727	0,7675	0,5934	0,5936	17,154	484,721	80,692
14,352	51,666	15,129	54,464	0,726	0,7666	0,5928	0,5929	17,136	485,239	80,929
14,337	51,612	15,113	54,408	0,727	0,7670	0,5931	0,5932	17,140	485,122	80,946
14,320	51,552	15,096	54,344	0,723	0,7632	0,5902	0,5903	17,060	487,369	81,897
14,322	51,558	15,097	54,350	0,723	0,7632	0,5901	0,5903	17,059	487,399	81,912
14,321	51,556	15,097	54,348	0,723	0,7630	0,5899	0,5901	17,054	487,540	81,965
14,325	51,569	15,101	54,362	0,723	0,7631	0,5900	0,5902	17,057	487,455	81,903
14,298	51,472	15,072	54,259	0,720	0,7599	0,5875	0,5877	16,985	489,516	82,848
14,345	51,642	15,122	54,439	0,724	0,7639	0,5907	0,5909	17,076	486,938	81,657
14,526	52,295	15,314	55,129	0,745	0,7859	0,6076	0,6078	17,562	473,496	76,062
14,539	52,340	15,327	55,177	0,746	0,7873	0,6087	0,6089	17,594	472,638	75,716
14,446	52,004	15,228	54,822	0,736	0,7771	0,6008	0,6010	17,367	478,767	78,165
14,458	52,048	15,241	54,867	0,737	0,7783	0,6018	0,6020	17,395	478,028	77,872
14,445	52,003	15,228	54,820	0,736	0,7768	0,6006	0,6008	17,363	478,901	78,229
14,405	51,856	15,185	54,666	0,732	0,7723	0,5972	0,5973	17,262	481,709	79,453
14,426	51,934	15,208	54,748	0,734	0,7747	0,5990	0,5992	17,314	480,256	78,815
14,395	51,824	15,175	54,631	0,731	0,7713	0,5964	0,5966	17,240	482,334	79,721
14,353	51,670	15,130	54,468	0,728	0,7689	0,5945	0,5947	17,185	483,820	80,517
14,354	51,674	15,131	54,473	0,727	0,7675	0,5935	0,5936	17,156	484,652	80,812
14,362	51,704	15,140	54,505	0,728	0,7684	0,5941	0,5943	17,174	484,120	80,585
14,371	51,734	15,149	54,536	0,728	0,7688	0,5944	0,5946	17,184	483,861	80,457
14,391	51,807	15,170	54,613	0,729	0,7697	0,5951	0,5953	17,203	483,314	80,147
14,399	51,837	15,179	54,645	0,730	0,7702	0,5955	0,5957	17,214	483,004	79,993
14,412	51,882	15,192	54,692	0,730	0,7706	0,5958	0,5960	17,224	482,732	79,823
14,625	52,648	15,417	55,502	0,755	0,7971	0,6163	0,6165	17,812	466,799	73,527
14,653	52,752	15,448	55,611	0,758	0,8001	0,6186	0,6188	17,878	465,078	72,885
14,647	52,730	15,441	55,588	0,757	0,7995	0,6181	0,6183	17,864	465,425	73,006
14,651	52,743	15,445	55,602	0,758	0,7997	0,6183	0,6185	17,870	465,276	72,950
14,644	52,718	15,438	55,575	0,757	0,7987	0,6175	0,6177	17,847	465,872	73,148
14,645	52,723	15,439	55,581	0,757	0,7989	0,6177	0,6179	17,851	465,784	73,118
14,634	52,684	15,428	55,539	0,756	0,7976	0,6167	0,6169	17,822	466,521	73,387
14,621	52,634	15,413	55,487	0,754	0,7960	0,6154	0,6156	17,786	467,471	73,771