

Vrijeme od	Vrijeme do	Oznaka mjesta uzorkovanja	Mjesto uzorkovanja	Vrsta mjesta uzorkovanja	Zadnja izmjena
01.11.2023 06:00	02.11.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	02.11.2023 08:27
02.11.2023 06:00	03.11.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	03.11.2023 07:55
03.11.2023 06:00	04.11.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	04.11.2023 07:55
04.11.2023 06:00	05.11.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	05.11.2023 07:55
05.11.2023 06:00	06.11.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	06.11.2023 07:55
06.11.2023 06:00	07.11.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	07.11.2023 07:55
07.11.2023 06:00	08.11.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	08.11.2023 07:55
08.11.2023 06:00	09.11.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	09.11.2023 07:55
09.11.2023 06:00	10.11.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	10.11.2023 07:55
10.11.2023 06:00	11.11.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	11.11.2023 07:55
11.11.2023 06:00	12.11.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	12.11.2023 07:55
12.11.2023 06:00	13.11.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	13.11.2023 07:55
13.11.2023 06:00	14.11.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	14.11.2023 07:55
14.11.2023 06:00	15.11.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	15.11.2023 07:55
15.11.2023 06:00	16.11.2023 06:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	16.11.2023 07:55
01.11.2023 06:00	02.11.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	02.11.2023 08:28
02.11.2023 06:00	03.11.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	03.11.2023 07:55
03.11.2023 06:00	04.11.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	04.11.2023 07:55
04.11.2023 06:00	05.11.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	05.11.2023 07:55
05.11.2023 06:00	06.11.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	06.11.2023 07:55
06.11.2023 06:00	07.11.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	07.11.2023 07:55
07.11.2023 06:00	08.11.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	08.11.2023 07:55
08.11.2023 06:00	09.11.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	09.11.2023 07:55
09.11.2023 06:00	10.11.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	10.11.2023 07:55
10.11.2023 06:00	11.11.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	11.11.2023 07:55
11.11.2023 06:00	12.11.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	12.11.2023 07:55
12.11.2023 06:00	13.11.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	13.11.2023 07:55
13.11.2023 06:00	14.11.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	14.11.2023 07:55
14.11.2023 06:00	15.11.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	15.11.2023 07:55
15.11.2023 06:00	16.11.2023 06:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	16.11.2023 07:55
01.11.2023 06:00	02.11.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	02.11.2023 08:28
02.11.2023 06:00	03.11.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	03.11.2023 07:55
03.11.2023 06:00	04.11.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	04.11.2023 07:55
04.11.2023 06:00	05.11.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	05.11.2023 07:55
05.11.2023 06:00	06.11.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	06.11.2023 07:55
06.11.2023 06:00	07.11.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	07.11.2023 07:55
07.11.2023 06:00	08.11.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	08.11.2023 07:55
08.11.2023 06:00	09.11.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	09.11.2023 07:55
09.11.2023 06:00	10.11.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	10.11.2023 07:55
10.11.2023 06:00	11.11.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	11.11.2023 07:55
11.11.2023 06:00	12.11.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	12.11.2023 07:55
12.11.2023 06:00	13.11.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	13.11.2023 07:55
13.11.2023 06:00	14.11.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	14.11.2023 07:55
14.11.2023 06:00	15.11.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	15.11.2023 07:55
15.11.2023 06:00	16.11.2023 06:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	16.11.2023 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 %)
0,017	0	98,346	1,270	0,295	0,367	0,025	0,037	0,003	0,006	0	0,001	-	0	0	0
0,016	0	98,339	1,276	0,296	0,370	0,025	0,038	0,003	0,006	0	0,001	-	0	0	0
0,014	0	98,333	1,281	0,298	0,372	0,025	0,038	0,003	0,006	0	0,002	-	0	0	0
0,016	0	98,350	1,263	0,298	0,372	0,025	0,038	0,003	0,006	0	0,001	-	0	0	0
0,014	0	98,342	1,270	0,299	0,374	0,025	0,038	0,003	0,006	0	0,001	-	0	0	0
0,116	0,028	96,678	2,542	0,500	0,636	0,058	0,061	0,006	0,009	0	0,003	-	0	0	0
0,014	0	98,318	1,289	0,304	0,378	0,025	0,038	0,004	0,006	0	0,002	-	0	0	0
0,013	0	98,323	1,285	0,305	0,380	0,025	0,039	0,004	0,006	0	0,002	-	0	0	0
0,120	0	98,096	1,442	0,259	0,342	0,042	0,033	0,003	0,005	0	0,001	-	0	0	0
0,555	0	97,342	1,903	0,091	0,200	0,096	0,010	0	0,002	0	0	-	0	0	0
0,490	0	97,385	1,928	0,086	0,197	0,099	0,010	0	0,002	0	0	-	0	0	0
0,504	0	97,015	2,151	0,202	0,330	0,104	0,018	0,002	0,004	0	0	-	0	0	0
0,502	0,004	96,446	2,510	0,379	0,538	0,111	0,037	0,004	0,006	0	0,001	-	0	0	0
0,430	0,004	97,208	2,066	0,168	0,292	0,099	0,021	0,001	0,003	0	0	-	0	0	0
0,481	0,002	97,263	2,003	0,136	0,251	0,096	0,015	0,001	0,003	0	0	-	0	0	0
0,017	0	98,335	1,271	0,297	0,377	0,030	0,038	0,003	0,006	0	-	0,003	-	-	-
0,015	0	98,328	1,278	0,299	0,380	0,031	0,038	0,003	0,006	0	-	0,004	-	-	-
0,014	0	98,322	1,281	0,301	0,382	0,031	0,038	0,003	0,006	0	-	0,004	-	-	-
0,015	0	98,337	1,266	0,301	0,382	0,031	0,038	0,003	0,006	0	-	0,004	-	-	-
0,014	0	98,323	1,279	0,302	0,384	0,031	0,038	0,003	0,006	0	-	0,003	-	-	-
0,085	0,021	97,124	2,196	0,443	0,574	0,060	0,054	0,004	0,008	0	-	0,005	-	-	-
0,016	0,002	98,243	1,343	0,311	0,396	0,033	0,040	0,003	0,006	0	-	0,004	-	-	-
0,012	0	98,309	1,289	0,308	0,390	0,031	0,039	0,003	0,006	0	-	0,004	-	-	-
0,134	0	98,053	1,463	0,253	0,350	0,055	0,032	0,002	0,005	0	-	0,003	-	-	-
0,546	0	97,310	1,929	0,079	0,214	0,123	0,010	0	0,002	0	-	0	-	-	-
0,474	0	97,375	1,931	0,086	0,220	0,122	0,011	0	0,002	0	-	0	-	-	-
0,434	0	97,407	1,936	0,089	0,224	0,121	0,011	0	0,002	0	-	0	-	-	-
0,402	0	97,453	1,915	0,096	0,230	0,119	0,012	0	0,002	0	-	0	-	-	-
0,391	0	97,467	1,910	0,098	0,232	0,118	0,012	0	0,002	0	-	0	-	-	-
0,369	0	97,476	1,923	0,099	0,232	0,118	0,012	0	0,002	0	-	0	-	-	-
0,024	0	98,334	1,269	0,295	0,373	0,030	0,037	0,003	0,006	0	-	0,002	-	-	-
0,017	0	98,347	1,261	0,296	0,375	0,030	0,037	0,003	0,006	0	-	0,002	-	-	-
0,015	0	98,325	1,283	0,299	0,378	0,030	0,038	0,003	0,006	0	-	0,002	-	-	-
0,016	0	98,347	1,260	0,299	0,378	0,030	0,038	0,003	0,006	0	-	0,002	-	-	-
0,015	0	98,333	1,274	0,300	0,379	0,030	0,038	0,003	0,006	0	-	0,002	-	-	-
0,041	0,006	97,887	1,603	0,365	0,464	0,042	0,044	0,004	0,007	0	-	0,003	-	-	-
0,025	0,004	98,128	1,434	0,321	0,409	0,035	0,041	0,004	0,006	0	-	0,002	-	-	-
0,013	0	98,313	1,288	0,305	0,386	0,031	0,038	0,003	0,006	0	-	0,002	-	-	-
0,100	0	98,131	1,411	0,267	0,358	0,048	0,033	0,003	0,005	0	-	0,002	-	-	-
0,541	0	97,339	1,900	0,088	0,221	0,120	0,011	0	0,002	0	-	0	-	-	-
0,484	0	97,361	1,934	0,084	0,220	0,123	0,010	0	0,002	0	-	0	-	-	-
0,439	0	97,403	1,936	0,087	0,223	0,122	0,011	0	0,002	0	-	0	-	-	-
0,402	0	97,452	1,917	0,095	0,228	0,120	0,011	0	0,002	0	-	0	-	-	-
0,393	0	97,468	1,907	0,098	0,231	0,119	0,012	0,001	0,002	0	-	0	-	-	-
0,371	0	97,480	1,917	0,098	0,232	0,119	0,012	0,001	0,002	0	-	0	-	-	-

NCV (kWh/m <sup>3</sup> ) @15/15	NCV (MJ/m <sup>3</sup> ) @15/15	NCV (kWh/m <sup>3</sup> ) @25/0	NCV (MJ/m <sup>3</sup> ) @25/0	GCV (kWh/m <sup>3</sup> ) @15/15	GCV (MJ/m <sup>3</sup> ) @15/15	GCV (kWh/m <sup>3</sup> ) @25/0	GCV (MJ/m <sup>3</sup> ) @25/0	Wd(kWh/m <sup>3</sup> ) @15/15	Wd(MJ/m <sup>3</sup> ) @15/15	Wd(kWh/m <sup>3</sup> ) @25/0	Wd(MJ/m <sup>3</sup> ) @25/0
9,601508	34,565	10,131768	36,474	10,658346	38,370	11,236709	40,452	45,983	48,516	12,773	13,477
9,602417	34,569	10,132728	36,478	10,659324	38,374	11,237741	40,456	45,985	48,519	12,774	13,477
9,603305	34,572	10,133667	36,481	10,660282	38,377	11,238752	40,460	45,988	48,522	12,774	13,478
9,601807	34,567	10,132085	36,476	10,658672	38,371	11,237052	40,453	45,984	48,518	12,773	13,477
9,602735	34,570	10,133065	36,479	10,659671	38,375	11,238107	40,457	45,987	48,520	12,774	13,478
9,728394	35,022	10,265803	36,957	10,793835	38,858	11,379742	40,967	46,190	48,735	12,831	13,538
9,604950	34,578	10,135404	36,487	10,662045	38,383	11,240612	40,466	45,991	48,525	12,775	13,479
9,605079	34,578	10,135540	36,488	10,662189	38,384	11,240765	40,467	45,992	48,526	12,776	13,479
9,601352	34,565	10,131612	36,474	10,657791	38,368	11,236134	40,450	45,939	48,470	12,761	13,464
9,574766	34,469	10,103563	36,373	10,627672	38,260	11,204392	40,336	45,701	48,219	12,695	13,394
9,582576	34,497	10,111807	36,403	10,636282	38,291	11,213473	40,369	45,745	48,266	12,707	13,407
9,618765	34,628	10,150026	36,540	10,675013	38,430	11,254349	40,516	45,816	48,340	12,727	13,428
9,678294	34,842	10,212913	36,766	10,738802	38,660	11,321694	40,758	45,940	48,471	12,761	13,464
9,613196	34,608	10,144146	36,519	10,669305	38,409	11,248324	40,494	45,832	48,357	12,731	13,433
9,597055	34,549	10,127101	36,458	10,651826	38,347	11,229880	40,428	45,779	48,300	12,716	13,417
9,603776	34,574	10,134284	36,483	10,660916	38,379	11,239403	40,462	45,987	48,522	12,774	13,478
9,604987	34,578	10,135563	36,488	10,662222	38,384	11,240789	40,467	45,991	48,525	12,775	13,479
9,605718	34,581	10,136335	36,491	10,663007	38,387	11,241611	40,470	45,993	48,527	12,776	13,480
9,604334	34,576	10,134874	36,486	10,661521	38,381	11,240042	40,464	45,989	48,524	12,775	13,479
9,605846	34,581	10,136471	36,491	10,663146	38,387	11,241757	40,470	45,993	48,528	12,776	13,480
9,697048	34,909	10,232818	36,838	10,760519	38,738	11,344569	40,840	46,141	48,684	12,817	13,523
9,612245	34,604	10,143232	36,516	10,669988	38,412	11,248980	40,496	46,004	48,540	12,779	13,483
9,607830	34,588	10,138566	36,499	10,665281	38,395	11,244011	40,478	45,998	48,533	12,777	13,481
9,603896	34,574	10,134421	36,484	10,660604	38,378	11,239090	40,461	45,938	48,470	12,761	13,464
9,581378	34,493	10,110669	36,398	10,634927	38,286	11,212037	40,363	45,719	48,238	12,700	13,400
9,589317	34,522	10,119049	36,429	10,643705	38,317	11,221293	40,397	45,766	48,288	12,713	13,413
9,593889	34,538	10,123879	36,446	10,648750	38,335	11,226620	40,416	45,792	48,316	12,720	13,421
9,596176	34,546	10,126288	36,455	10,651320	38,345	11,229324	40,426	45,810	48,335	12,725	13,426
9,597201	34,550	10,127369	36,459	10,652461	38,349	11,230526	40,430	45,817	48,342	12,727	13,428
9,600341	34,561	10,130685	36,470	10,655907	38,361	11,234149	40,443	45,833	48,359	12,731	13,433
9,602067	34,567	10,132479	36,477	10,659059	38,373	11,237444	40,455	45,981	48,515	12,772	13,476
9,602456	34,569	10,132890	36,478	10,659503	38,374	11,237912	40,456	45,985	48,519	12,774	13,477
9,604753	34,577	10,135322	36,487	10,661978	38,383	11,240518	40,466	45,991	48,525	12,775	13,479
9,602870	34,570	10,133323	36,480	10,659946	38,376	11,238379	40,458	45,986	48,520	12,774	13,478
9,604245	34,575	10,134789	36,485	10,661437	38,381	11,239942	40,464	45,989	48,524	12,775	13,479
9,639354	34,702	10,172131	36,620	10,698927	38,516	11,279815	40,607	46,048	48,586	12,791	13,496
9,619994	34,632	10,151417	36,545	10,678242	38,442	11,257705	40,528	46,016	48,552	12,782	13,487
9,606619	34,584	10,137290	36,494	10,663982	38,390	11,242635	40,473	45,995	48,530	12,776	13,481
9,604109	34,575	10,134643	36,485	10,660963	38,379	11,239464	40,462	45,954	48,486	12,765	13,468
9,580597	34,490	10,109843	36,395	10,634113	38,283	11,211252	40,361	45,720	48,239	12,700	13,400
9,588527	34,519	10,118197	36,426	10,642817	38,314	11,220358	40,393	45,760	48,281	12,711	13,412
9,593369	34,536	10,123325	36,444	10,648177	38,333	11,226010	40,414	45,789	48,313	12,719	13,420
9,596182	34,546	10,126285	36,455	10,651326	38,345	11,229330	40,426	45,810	48,335	12,725	13,426
9,596801	34,548	10,126947	36,457	10,652025	38,347	11,230067	40,428	45,815	48,340	12,727	13,428
9,599612	34,559	10,129914	36,468	10,655105	38,358	11,233327	40,440	45,830	48,356	12,731	13,432

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)
14,179	51,044	14,947	53,807	0,692	0,7308	0,5651	0,5652	16,338	508,902	92,438
14,180	51,047	14,947	53,810	0,692	0,7308	0,5651	0,5652	16,340	508,858	92,409
14,180	51,049	14,948	53,813	0,693	0,7309	0,5651	0,5653	16,341	508,820	92,383
14,179	51,046	14,947	53,809	0,692	0,7308	0,5651	0,5652	16,338	508,894	92,433
14,180	51,048	14,948	53,811	0,692	0,7308	0,5651	0,5653	16,340	508,851	92,404
14,236	51,249	15,006	54,023	0,704	0,7435	0,5749	0,5751	16,622	500,263	87,756
14,181	51,053	14,949	53,816	0,693	0,7310	0,5653	0,5654	16,344	508,720	92,324
14,182	51,054	14,949	53,818	0,693	0,7310	0,5652	0,5654	16,344	508,729	92,326
14,165	50,994	14,932	53,754	0,694	0,7321	0,5661	0,5663	16,369	507,951	92,093
14,091	50,727	14,854	53,473	0,697	0,7357	0,5689	0,5690	16,448	505,501	91,638
14,104	50,775	14,868	53,524	0,697	0,7355	0,5687	0,5688	16,443	505,647	91,595
14,124	50,847	14,889	53,599	0,700	0,7388	0,5712	0,5714	16,516	503,482	90,219
14,159	50,974	14,926	53,733	0,705	0,7439	0,5752	0,5754	16,631	499,964	88,262
14,130	50,867	14,895	53,621	0,699	0,7374	0,5702	0,5703	16,486	504,363	90,649
14,114	50,810	14,878	53,560	0,698	0,7366	0,5696	0,5697	16,469	504,877	91,046
14,180	51,049	14,948	53,813	0,693	0,7310	0,5652	0,5654	16,343	508,756	92,387
14,181	51,053	14,949	53,817	0,693	0,7310	0,5653	0,5654	16,344	508,706	92,351
14,182	51,055	14,950	53,819	0,693	0,7311	0,5653	0,5655	16,346	508,669	92,328
14,181	51,052	14,949	53,815	0,693	0,7310	0,5652	0,5654	16,343	508,739	92,375
14,182	51,055	14,950	53,819	0,693	0,7311	0,5653	0,5655	16,346	508,662	92,324
14,223	51,201	14,993	53,973	0,701	0,7403	0,5724	0,5726	16,550	502,440	89,046
14,185	51,067	14,953	53,831	0,693	0,7317	0,5658	0,5659	16,359	508,248	92,098
14,184	51,061	14,951	53,825	0,693	0,7312	0,5654	0,5656	16,349	508,567	92,263
14,165	50,993	14,931	53,753	0,694	0,7325	0,5664	0,5666	16,378	507,663	91,986
14,096	50,746	14,859	53,493	0,698	0,7361	0,5692	0,5694	16,458	505,186	91,458
14,111	50,798	14,874	53,548	0,697	0,7358	0,5690	0,5691	16,452	505,392	91,416
14,119	50,827	14,883	53,578	0,697	0,7357	0,5689	0,5690	16,448	505,489	91,386
14,124	50,847	14,889	53,600	0,697	0,7355	0,5687	0,5688	16,443	505,664	91,402
14,126	50,855	14,891	53,608	0,697	0,7354	0,5686	0,5688	16,442	505,693	91,401
14,131	50,872	14,896	53,626	0,697	0,7354	0,5686	0,5688	16,441	505,713	91,366
14,178	51,043	14,946	53,805	0,693	0,7309	0,5652	0,5653	16,341	508,806	92,423
14,180	51,047	14,947	53,810	0,693	0,7308	0,5651	0,5653	16,340	508,838	92,434
14,181	51,053	14,949	53,816	0,693	0,7310	0,5652	0,5654	16,344	508,723	92,359
14,180	51,048	14,948	53,811	0,693	0,7309	0,5651	0,5653	16,341	508,823	92,424
14,181	51,052	14,949	53,815	0,693	0,7310	0,5652	0,5654	16,343	508,751	92,378
14,197	51,110	14,966	53,877	0,696	0,7345	0,5679	0,5681	16,421	506,359	91,069
14,188	51,078	14,956	53,843	0,694	0,7325	0,5664	0,5666	16,378	507,684	91,786
14,183	51,058	14,950	53,821	0,693	0,7311	0,5654	0,5655	16,347	508,630	92,300
14,170	51,010	14,937	53,772	0,694	0,7321	0,5661	0,5662	16,368	507,973	92,094
14,097	50,747	14,860	53,495	0,697	0,7360	0,5691	0,5692	16,455	505,284	91,491
14,109	50,791	14,872	53,541	0,697	0,7359	0,5690	0,5692	16,453	505,340	91,408
14,118	50,824	14,882	53,575	0,697	0,7357	0,5689	0,5690	16,449	505,479	91,390
14,124	50,847	14,889	53,600	0,697	0,7355	0,5687	0,5688	16,443	505,648	91,403
14,126	50,853	14,891	53,606	0,697	0,7354	0,5686	0,5688	16,442	505,698	91,409
14,130	50,870	14,895	53,623	0,697	0,7353	0,5686	0,5687	16,441	505,732	91,382