

Vrijeme od	Vrijeme do	Oznaka mjesta uzorkovanja	Mjesto uzorkovanja	Vrsta mjesta uzorkovanja	Zadnja izmjena
16.10.2022 6:00	17.10.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	2.11.2022 12:26
17.10.2022 6:00	18.10.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	2.11.2022 12:26
18.10.2022 6:00	19.10.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	2.11.2022 12:26
19.10.2022 6:00	20.10.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	2.11.2022 12:26
20.10.2022 6:00	21.10.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	2.11.2022 12:26
21.10.2022 6:00	22.10.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	2.11.2022 12:26
22.10.2022 6:00	23.10.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	2.11.2022 12:26
23.10.2022 6:00	24.10.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	2.11.2022 12:26
24.10.2022 6:00	25.10.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	2.11.2022 12:26
25.10.2022 6:00	26.10.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	2.11.2022 12:26
26.10.2022 6:00	27.10.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	2.11.2022 12:26
27.10.2022 6:00	28.10.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	2.11.2022 12:26
28.10.2022 6:00	29.10.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	2.11.2022 12:26
29.10.2022 6:00	30.10.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	2.11.2022 12:26
30.10.2022 6:00	31.10.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	2.11.2022 12:26
31.10.2022 6:00	1.11.2022 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak	2.11.2022 12:26
16.10.2022 6:00	17.10.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	2.11.2022 12:26
17.10.2022 6:00	18.10.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	2.11.2022 12:26
18.10.2022 6:00	19.10.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	2.11.2022 12:26
19.10.2022 6:00	20.10.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	2.11.2022 12:26
20.10.2022 6:00	21.10.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	2.11.2022 12:26
21.10.2022 6:00	22.10.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	2.11.2022 12:26
22.10.2022 6:00	23.10.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	2.11.2022 12:26
23.10.2022 6:00	24.10.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	2.11.2022 12:26
24.10.2022 6:00	25.10.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	2.11.2022 12:26
25.10.2022 6:00	26.10.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	2.11.2022 12:26
26.10.2022 6:00	27.10.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	2.11.2022 12:26
27.10.2022 6:00	28.10.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	2.11.2022 12:26
28.10.2022 6:00	29.10.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	2.11.2022 12:26
29.10.2022 6:00	30.10.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	2.11.2022 12:26
30.10.2022 6:00	31.10.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	2.11.2022 12:26
31.10.2022 6:00	1.11.2022 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak	2.11.2022 12:26
16.10.2022 6:00	17.10.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	2.11.2022 12:26
17.10.2022 6:00	18.10.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	2.11.2022 12:26
18.10.2022 6:00	19.10.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	2.11.2022 12:26
19.10.2022 6:00	20.10.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	2.11.2022 12:26
20.10.2022 6:00	21.10.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	2.11.2022 12:26
21.10.2022 6:00	22.10.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	2.11.2022 12:26
22.10.2022 6:00	23.10.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	2.11.2022 12:26
23.10.2022 6:00	24.10.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	2.11.2022 12:26
24.10.2022 6:00	25.10.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	2.11.2022 12:26
25.10.2022 6:00	26.10.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	2.11.2022 12:26
26.10.2022 6:00	27.10.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	2.11.2022 12:26
27.10.2022 6:00	28.10.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	2.11.2022 12:26
28.10.2022 6:00	29.10.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	2.11.2022 12:26
29.10.2022 6:00	30.10.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	2.11.2022 12:26
30.10.2022 6:00	31.10.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	2.11.2022 12:26
31.10.2022 6:00	1.11.2022 6:00	001-2	MRS/PČ Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak	2.11.2022 12:26

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 %)
0,246	0,05	95,644	3,838	0,178	0,222	0,018	0,015	0,003	0,004	0	-	0,003	-	-	-
0,375	0,119	95,11	4,062	0,259	0,334	0,032	0,025	0,005	0,007	0	-	0,006	-	-	-
0,687	0,304	93,779	4,602	0,472	0,628	0,067	0,051	0,011	0,014	0	-	0,013	-	-	-
0,302	0,089	95,354	3,977	0,219	0,277	0,024	0,02	0,004	0,005	0	-	0,005	-	-	-
0,123	0,004	96,075	3,669	0,113	0,128	0,006	0,006	0,001	0,001	0	-	0,001	-	-	-
1,096	0,51	92,125	5,265	0,737	1,005	0,114	0,086	0,02	0,025	0	-	0,022	-	-	-
0,777	0,354	93,331	4,829	0,53	0,708	0,077	0,058	0,013	0,016	0	-	0,015	-	-	-
0,686	0,312	93,379	4,985	0,478	0,638	0,069	0,051	0,011	0,015	0	-	0,013	-	-	-
0,253	0,087	95,199	4,196	0,211	0,266	0,023	0,018	0,004	0,005	0	-	0,005	-	-	-
1,257	0,686	90,547	6,296	0,905	1,214	0,136	0,096	0,024	0,03	0	-	0,023	-	-	-
1,187	0,599	90,536	6,582	0,819	1,096	0,121	0,085	0,022	0,027	0	-	0,022	-	-	-
1,077	0,54	90,921	6,429	0,772	1,033	0,114	0,081	0,02	0,025	0	-	0,02	-	-	-
1,016	0,523	91,181	6,234	0,775	1,046	0,119	0,083	0,021	0,027	0	-	0,021	-	-	-
0,906	0,552	91,386	6,141	0,757	1,015	0,113	0,08	0,02	0,026	0	-	0,019	-	-	-
1,032	0,656	91,038	6,114	0,861	1,159	0,13	0,092	0,023	0,03	0	-	0,023	-	-	-
0,529	0,365	92,487	5,966	0,506	0,653	0,065	0,047	0,01	0,014	0	-	0,01	-	-	-
1,188	0,541	91,215	5,853	0,862	1,202	0,147	0,109	0,026	0,032	0	-	0,025	-	-	-
1,592	0,808	89,797	6,308	1,087	1,496	0,178	0,13	0,032	0,038	0	-	0,03	-	-	-
1,642	0,851	89,559	6,41	1,12	1,537	0,182	0,132	0,033	0,039	0	-	0,031	-	-	-
1,694	0,816	89,474	6,498	1,103	1,519	0,182	0,13	0,033	0,04	0	-	0,03	-	-	-
1,129	0,542	91,813	5,465	0,769	1,051	0,123	0,09	0,022	0,027	0	-	0,02	-	-	-
1,557	0,806	89,935	6,206	1,084	1,495	0,178	0,132	0,032	0,038	0	-	0,031	-	-	-
1,584	0,84	89,731	6,346	1,094	1,498	0,176	0,129	0,031	0,037	0	-	0,03	-	-	-
1,182	0,623	90,779	6,284	0,829	1,131	0,131	0,096	0,024	0,028	0	-	0,023	-	-	-
1,327	0,68	90,086	6,712	0,884	1,195	0,137	0,096	0,025	0,03	0	-	0,022	-	-	-
1,665	0,979	88,744	6,953	1,222	1,66	0,195	0,135	0,035	0,042	0	-	0,03	-	-	-
1,372	0,748	89,758	6,817	0,967	1,306	0,15	0,104	0,028	0,033	0	-	0,024	-	-	-
1,38	0,753	89,786	6,721	1	1,359	0,159	0,11	0,03	0,035	0	-	0,025	-	-	-
1,631	0,927	89,002	6,757	1,216	1,683	0,206	0,141	0,039	0,047	0	-	0,033	-	-	-
1,544	1,04	88,987	6,704	1,255	1,725	0,208	0,143	0,039	0,048	0	-	0,032	-	-	-
1,235	0,839	90,09	6,458	1,018	1,378	0,159	0,111	0,029	0,036	0	-	0,024	-	-	-
1,542	1,212	88,604	6,941	1,25	1,7	0,202	0,138	0,036	0,046	0	-	0,029	-	-	-
0,142	0	96,108	3,632	0,111	0,118	0,004	0	0,001	0,001	0	0	-	0	0	0
0,134	0	96,104	3,644	0,112	0,118	0,004	0	0,001	0,001	0	0	-	0	0	0
0,125	0	96,098	3,659	0,112	0,118	0,004	0	0,001	0,001	0	0	-	0	0	0
0,116	0	96,091	3,674	0,113	0,119	0,004	0	0,001	0,001	0	0	-	0	0	0
0,115	0	96,1	3,666	0,112	0,118	0,004	0	0,001	0,001	0	0	-	0	0	0
0,187	0,039	95,789	3,802	0,16	0,183	0,011	0,007	0,002	0,003	0	0,001	-	0	0	0
0,123	0,011	95,996	3,732	0,127	0,138	0,006	0,002	0,001	0,002	0	0	-	0	0	0
0,087	0	96,071	3,722	0,113	0,119	0,004	0	0,001	0,001	0	0	-	0	0	0
0,075	0	96,048	3,756	0,114	0,12	0,004	0	0,001	0,001	0	0	-	0	0	0
0,056	0	94,531	5,233	0,173	0,18	0,006	0	0	0,001	0	0	-	0	0	0
0,271	0,114	93,437	5,818	0,307	0,36	0,024	0,016	0,004	0,006	0	0,002	-	0,001	0	0
0,055	0	94,092	5,656	0,189	0,197	0,007	0	0	0,001	0	0	-	0	0	0
0,055	0	94,178	5,573	0,186	0,194	0,007	0	0	0,001	0	0	-	0	0	0
0,053	0	94,247	5,51	0,183	0,191	0,007	0	0	0,001	0	0	-	0	0	0
0,1	0,029	94,092	5,545	0,214	0,234	0,011	0,005	0,001	0,002	0	0,001	-	0	0	0
0,047	0	94,209	5,552	0,185	0,192	0,007	0	0	0,001	0	0	-	0	0	0

NCV (kWh/m ³) @15/15	NCV (MJ/m ³) @15/15	NCV (kWh/m ³) @25/0	NCV (MJ/m ³) @25/0	GCV (kWh/m ³) @15/15	GCV (MJ/m ³) @15/15	GCV (kWh/m ³) @25/0	GCV (MJ/m ³) @25/0	Wd(kWh/m ³) @15/15	Wd(MJ/m ³) @15/15	Wd(kWh/m ³) @25/0
9,742189	35,072	10,280506	37,01	10,808117	38,909	11,394834	41,021	12,82	46,153	13,527
9,759654	35,135	10,298979	37,076	10,825238	38,971	11,413855	41,09	12,804	46,096	13,51
9,804074	35,295	10,345965	37,245	10,871866	39,139	11,46226	41,264	12,762	45,944	13,466
9,752962	35,111	10,291893	37,051	10,819307	38,95	11,406664	41,064	12,814	46,129	13,52
9,728859	35,024	10,266399	36,959	10,794453	38,86	11,380379	40,969	12,835	46,205	13,542
9,861618	35,502	10,406836	37,465	10,931262	39,353	11,525085	41,49	12,718	45,783	13,419
9,821667	35,358	10,364568	37,312	10,890199	39,205	11,481641	41,334	12,754	45,915	13,457
9,833687	35,401	10,377248	37,358	10,902875	39,25	11,495004	41,382	12,774	45,988	13,483
9,772076	35,179	10,312083	37,123	10,839975	39,024	11,428476	41,143	12,831	46,191	13,538
9,940586	35,786	10,490301	37,765	11,015169	39,655	11,613736	41,809	12,718	45,784	13,419
9,95671	35,844	10,506862	37,825	11,032463	39,717	11,63196	41,875	12,747	45,888	13,45
9,950518	35,822	10,500746	37,803	11,026451	39,695	11,625583	41,852	12,765	45,955	13,469
9,946572	35,808	10,496572	37,788	11,022523	39,681	11,621424	41,837	12,772	45,981	13,477
9,941274	35,789	10,490969	37,767	11,017134	39,662	11,615725	41,817	12,776	45,994	13,48
9,942836	35,794	10,492652	37,774	11,017978	39,665	11,616661	41,82	12,746	45,884	13,448
9,916945	35,701	10,46519	37,675	10,993138	39,575	11,590283	41,725	12,836	46,21	13,544
9,929755	35,747	10,478832	37,724	11,003824	39,614	11,601719	41,766	12,74	45,864	13,442
9,950125	35,82	10,50044	37,802	11,023175	39,683	11,622274	41,84	12,664	45,592	13,363
9,95578	35,841	10,506426	37,823	11,028888	39,704	11,628323	41,862	12,655	45,559	13,353
9,957805	35,848	10,508564	37,831	11,030994	39,712	11,630545	41,87	12,657	45,565	13,355
9,87822	35,562	10,424385	37,528	10,94881	39,416	11,543625	41,557	12,718	45,786	13,42
9,946039	35,806	10,49612	37,786	11,018933	39,668	11,61779	41,824	12,666	45,597	13,364
9,950508	35,822	10,499816	37,799	11,023492	39,685	11,621545	41,838	12,66	45,576	13,359
9,940012	35,784	10,489902	37,764	11,014737	39,653	11,613255	41,808	12,734	45,844	13,436
9,964181	35,871	10,51394	37,85	11,039656	39,743	11,638209	41,898	12,723	45,803	13,425
10,001375	36,005	10,554619	37,997	11,07718	39,878	11,679342	42,046	12,659	45,574	13,357
9,97927	35,925	10,531191	37,912	11,05541	39,799	11,656255	41,963	12,716	45,776	13,417
9,98075	35,931	10,532996	37,919	11,056952	39,805	11,658131	41,969	12,714	45,771	13,416
10,001577	36,006	10,554826	37,997	11,077723	39,88	11,679907	42,048	12,671	45,617	13,37
10,000812	36,003	10,554094	37,995	11,076862	39,877	11,679074	42,045	12,663	45,588	13,362
9,969608	35,891	10,52099	37,876	11,045247	39,763	11,645527	41,924	12,709	45,753	13,41
9,997213	35,99	10,550253	37,981	11,072319	39,86	11,674251	42,027	12,632	45,476	13,329
9,72244	35,001	10,259501	36,934	10,787399	38,835	11,372929	40,943	12,83	46,187	13,537
9,724216	35,007	10,261376	36,941	10,789334	38,842	11,374969	40,95	12,832	46,194	13,539
9,726217	35,014	10,263489	36,949	10,791511	38,849	11,377267	40,958	12,834	46,202	13,541
9,728308	35,022	10,265697	36,957	10,793785	38,858	11,379666	40,967	12,836	46,21	13,543
9,727605	35,019	10,264955	36,954	10,793034	38,855	11,378873	40,964	12,836	46,209	13,543
9,738626	35,059	10,276605	36,996	10,804438	38,896	11,390926	41,007	12,828	46,179	13,534
9,734174	35,043	10,271894	36,979	10,800002	38,88	11,386231	40,99	12,837	46,213	13,544
9,73463	35,045	10,272372	36,981	10,800664	38,882	11,386923	40,993	12,843	46,235	13,551
9,738506	35,059	10,276465	36,995	10,804862	38,898	11,391353	41,009	12,847	46,249	13,555
9,858621	35,491	10,403333	37,452	10,933616	39,361	11,527256	41,498	12,919	46,508	13,631
9,901649	35,646	10,448826	37,616	10,978506	39,523	11,574698	41,669	12,9	46,441	13,61
9,892538	35,613	10,439164	37,581	10,969956	39,492	11,565619	41,636	12,939	46,579	13,652
9,885951	35,589	10,432206	37,556	10,9629	39,466	11,558172	41,609	12,935	46,566	13,648
9,88096	35,571	10,426934	37,537	10,95756	39,447	11,552534	41,589	12,932	46,556	13,645
9,884016	35,582	10,430171	37,549	10,960558	39,458	11,555712	41,601	12,924	46,525	13,636
9,885007	35,586	10,431208	37,552	10,961921	39,463	11,557137	41,606	12,935	46,567	13,648

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)
48,697	14,223	51,203	14,993	53,976	0,708	0,7468	0,5775	0,5776	16,696	498,054	87,149
48,637	14,204	51,133	14,972	53,899	0,712	0,7513	0,5811	0,5811	16,799	494,998	86,045
48,477	14,152	50,948	14,919	53,707	0,723	0,7633	0,5902	0,5904	17,062	487,385	83,53
48,671	14,215	51,172	14,984	53,943	0,71	0,7493	0,5794	0,5795	16,751	496,44	86,601
48,752	14,241	51,266	15,012	54,042	0,704	0,7431	0,5746	0,5747	16,612	500,506	87,993
48,308	14,097	50,75	14,861	53,499	0,737	0,778	0,6015	0,6017	17,388	478,62	81,136
48,446	14,142	50,91	14,908	53,667	0,727	0,767	0,5931	0,5933	17,146	485,048	82,772
48,538	14,164	50,991	14,936	53,769	0,726	0,766	0,5923	0,5924	17,122	485,683	82,746
48,736	14,233	51,238	15,004	54,013	0,711	0,7502	0,5801	0,5802	16,771	495,829	86,166
48,309	14,091	50,726	14,856	53,48	0,749	0,7903	0,6113	0,6113	17,669	470,794	78,533
48,418	14,124	50,846	14,891	53,608	0,748	0,7891	0,6099	0,6103	17,637	471,434	78,32
48,488	14,146	50,924	14,912	53,683	0,745	0,7859	0,6077	0,6079	17,565	473,405	78,774
48,516	14,154	50,955	14,921	53,715	0,743	0,7844	0,6065	0,6067	17,528	474,403	78,987
48,53	14,159	50,971	14,926	53,733	0,742	0,7831	0,6055	0,6057	17,502	475,128	79,317
48,414	14,124	50,846	14,889	53,6	0,746	0,7871	0,6086	0,6087	17,591	472,663	78,821
48,757	14,229	51,225	15	53,999	0,732	0,772	0,5969	0,5971	17,256	481,902	81,062
48,392	14,118	50,825	14,883	53,579	0,744	0,7857	0,6075	0,6077	17,56	473,48	78,867
48,106	14,03	50,509	14,79	53,246	0,756	0,7984	0,6173	0,6175	17,843	466,002	77,304
48,071	14,019	50,47	14,779	53,205	0,758	0,8004	0,6189	0,6191	17,887	464,85	77,043
48,077	14,021	50,475	14,781	53,21	0,759	0,8006	0,619	0,6192	17,89	464,768	76,931
48,311	14,097	50,749	14,861	53,498	0,74	0,7805	0,6035	0,6037	17,445	477,05	80,584
48,112	14,032	50,516	14,793	53,253	0,756	0,7975	0,6166	0,6168	17,824	466,494	77,459
48,091	14,026	50,493	14,786	53,229	0,757	0,799	0,6178	0,618	17,856	465,64	77,277
48,371	14,111	50,799	14,875	53,551	0,747	0,7882	0,6094	0,6096	17,616	472,121	78,712
48,329	14,096	50,744	14,859	53,493	0,752	0,7932	0,6133	0,6136	17,728	469,088	77,857
48,087	14,021	50,476	14,781	53,211	0,765	0,8073	0,6242	0,6244	18,041	460,895	76,037
48,3	14,087	50,712	14,85	53,46	0,755	0,7966	0,616	0,6162	17,804	467,04	77,315
48,296	14,085	50,706	14,849	53,455	0,755	0,797	0,6162	0,6165	17,812	466,816	77,232
48,132	14,035	50,525	14,795	53,263	0,763	0,8058	0,623	0,6232	18,007	461,73	76,08
48,103	14,026	50,494	14,786	53,23	0,764	0,8067	0,6237	0,6239	18,033	461,084	76,148
48,276	14,08	50,689	14,843	53,436	0,754	0,7959	0,6154	0,6155	17,787	467,458	77,627
47,984	13,991	50,366	14,749	53,096	0,768	0,8101	0,6263	0,6265	18,103	459,292	76,117
48,732	14,235	51,246	15,006	54,02	0,704	0,7427	0,5743	0,5744	16,604	500,767	87,343
48,739	14,237	51,254	15,008	54,029	0,704	0,7427	0,5743	0,5745	16,604	500,742	87,291
48,748	14,24	51,262	15,01	54,038	0,704	0,7428	0,5743	0,5745	16,605	500,709	87,346
48,756	14,242	51,271	15,013	54,047	0,704	0,7428	0,5744	0,5745	16,607	500,672	89,481
48,755	14,242	51,27	15,013	54,046	0,704	0,7428	0,5743	0,5745	16,605	500,716	88,006
48,722	14,231	51,233	15,001	54,005	0,706	0,7455	0,5764	0,5766	16,665	498,992	87,43
48,758	14,242	51,273	15,013	54,048	0,705	0,7437	0,575	0,5752	16,625	500,149	88,003
48,783	14,25	51,299	15,021	54,076	0,704	0,743	0,5745	0,5747	16,61	500,568	87,647
48,797	14,254	51,313	15,025	54,091	0,704	0,7432	0,5746	0,5748	16,614	500,457	87,456
49,071	14,328	51,579	15,103	54,372	0,714	0,7531	0,5823	0,5825	16,836	493,89	87,006
48,996	14,303	51,492	15,076	54,275	0,722	0,7621	0,5892	0,5894	17,034	488,257	82,447
49,146	14,348	51,652	15,125	54,449	0,716	0,756	0,5846	0,5847	16,899	491,998	83,793
49,132	14,344	51,638	15,121	54,435	0,716	0,7554	0,5841	0,5843	16,887	492,365	83,918
49,122	14,341	51,629	15,118	54,424	0,715	0,755	0,5838	0,5839	16,877	492,656	84,058
49,088	14,331	51,592	15,107	54,386	0,717	0,7565	0,5849	0,5851	16,91	491,703	83,634
49,133	14,345	51,64	15,121	54,437	0,716	0,7553	0,584	0,5841	16,883	492,49	83,967