

Vrijeme od	Vrijeme do	Oznaka mjesta uzorkovanja	Mjesto uzorkovanja	Vrsta mjesta uzorkovanja
16.6.2020 6:00	17.6.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
17.6.2020 6:00	18.6.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
18.6.2020 6:00	19.6.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
19.6.2020 6:00	20.6.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
20.6.2020 6:00	21.6.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
21.6.2020 6:00	22.6.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
22.6.2020 6:00	23.6.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
23.6.2020 6:00	24.6.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
24.6.2020 6:00	25.6.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
25.6.2020 6:00	26.6.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
26.6.2020 6:00	27.6.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
27.6.2020 6:00	28.6.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
28.6.2020 6:00	29.6.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
29.6.2020 6:00	30.6.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
30.6.2020 6:00	1.7.2020 6:00	020-1	MRS Zagreb Jug stream 1	Kromatografski uzorak
16.6.2020 6:00	17.6.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
17.6.2020 6:00	18.6.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
18.6.2020 6:00	19.6.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
19.6.2020 6:00	20.6.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
20.6.2020 6:00	21.6.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
21.6.2020 6:00	22.6.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
22.6.2020 6:00	23.6.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
23.6.2020 6:00	24.6.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
24.6.2020 6:00	25.6.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
25.6.2020 6:00	26.6.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
26.6.2020 6:00	27.6.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
27.6.2020 6:00	28.6.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
28.6.2020 6:00	29.6.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
29.6.2020 6:00	30.6.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
30.6.2020 6:00	1.7.2020 6:00	019-1	MRS Zagreb Zapad stream 1	Kromatografski uzorak
16.6.2020 6:00	17.6.2020 6:00	001-2	MRS/PC Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
17.6.2020 6:00	18.6.2020 6:00	001-2	MRS/PC Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
18.6.2020 6:00	19.6.2020 6:00	001-2	MRS/PC Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
19.6.2020 6:00	20.6.2020 6:00	001-2	MRS/PC Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
20.6.2020 6:00	21.6.2020 6:00	001-2	MRS/PC Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
21.6.2020 6:00	22.6.2020 6:00	001-2	MRS/PC Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
22.6.2020 6:00	23.6.2020 6:00	001-2	MRS/PC Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
23.6.2020 6:00	24.6.2020 6:00	001-2	MRS/PC Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
24.6.2020 6:00	25.6.2020 6:00	001-2	MRS/PC Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
25.6.2020 6:00	26.6.2020 6:00	001-2	MRS/PC Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
26.6.2020 6:00	27.6.2020 6:00	001-2	MRS/PC Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
27.6.2020 6:00	28.6.2020 6:00	001-2	MRS/PC Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
28.6.2020 6:00	29.6.2020 6:00	001-2	MRS/PC Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
29.6.2020 6:00	30.6.2020 6:00	001-2	MRS/PC Ivanja Reka - MRS Zagreb-Istok (stream 2)	Kromatografski uzorak
30.6.2020 6:00	1.7.2020 6:00	001-2	MRS/PC 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 %)
1.7.2020 9:05	0.492	0.278	95,742	2.75	0.525	0.738	0.077	0.09	0.01	0.014	0.002	-	0.02	-
1.7.2020 9:05	0.492	0.288	95,756	2.785	0.504	0.709	0.073	0.087	0.009	0.014	0.002	-	0.02	-
1.7.2020 9:05	0.508	0.272	95,719	2.736	0.55	0.764	0.078	0.091	0.01	0.014	0.002	-	0.019	-
1.7.2020 9:05	0.511	0.267	95,759	2.704	0.548	0.758	0.077	0.09	0.01	0.014	0.002	-	0.019	-
1.7.2020 9:05	0.476	0.286	95,852	2.72	0.477	0.667	0.066	0.082	0.008	0.012	0.002	-	0.019	-
1.7.2020 9:05	0.479	0.285	95,84	2.722	0.482	0.674	0.067	0.083	0.008	0.012	0.002	-	0.019	-
1.7.2020 9:05	0.493	0.274	95,847	2.69	0.501	0.696	0.07	0.084	0.009	0.013	0.002	-	0.019	-
1.7.2020 9:05	0.481	0.295	95,863	2.749	0.449	0.632	0.063	0.079	0.008	0.012	0.002	-	0.02	-
1.7.2020 9:05	0.511	0.235	94,687	3.371	0.915	1.195	0.124	0.108	0.013	0.018	0.001	-	0.016	-
1.7.2020 9:05	0.603	0.238	95.1	2.868	0.886	1.191	0.127	0.123	0.015	0.022	0.001	-	0.018	-
1.7.2020 9:05	1.047	0.242	95,132	2.97	0.441	0.61	0.06	0.072	0.008	0.011	0.002	-	0.016	-
1.7.2020 9:05	0.469	0.302	95,852	2.734	0.454	0.642	0.065	0.081	0.008	0.012	0.002	-	0.02	-
1.7.2020 9:05	0.488	0.291	95,785	2.75	0.488	0.686	0.07	0.085	0.009	0.013	0.002	-	0.02	-
1.7.2020 9:05	0.595	0.279	95,776	2.716	0.514	0.724	0.075	0.089	0.01	0.014	0.002	-	0.02	-
1.7.2020 9:05	0.474	0.298	95,619	2.759	0.456	0.65	0.067	0.083	0.009	0.013	0.002	-	0.02	-
1.7.2020 9:05	0.49	0.279	95,795	2.708	0.521	0.728	0.076	0.089	0.01	0.014	0.001	-	0.016	-
1.7.2020 9:05	0.483	0.287	95,796	2.725	0.507	0.709	0.073	0.087	0.01	0.014	0.001	-	0.017	-
1.7.2020 9:05	0.508	0.272	95,773	2.688	0.549	0.759	0.078	0.091	0.01	0.014	0.001	-	0.016	-
1.7.2020 9:05	0.507	0.269	95,813	2.695	0.542	0.746	0.075	0.089	0.01	0.014	0.001	-	0.015	-
1.7.2020 9:05	0.472	0.288	95,897	2.688	0.47	0.655	0.065	0.081	0.009	0.012	0.001	-	0.016	-
1.7.2020 9:05	0.481	0.284	95.88	2.681	0.485	0.674	0.067	0.083	0.009	0.013	0.001	-	0.016	-
1.7.2020 9:05	0.492	0.275	95,897	2.646	0.499	0.68	0.069	0.084	0.009	0.013	0.001	-	0.016	-
1.7.2020 9:05	0.462	0.295	95,907	2.703	0.452	0.633	0.063	0.08	0.008	0.012	0.001	-	0.017	-
1.7.2020 9:05	1.26	0.23	94,873	3.114	0.383	0.522	0.048	0.061	0.006	0.009	0.001	-	0.013	-
1.7.2020 9:05	1.031	0.216	94,595	3.08	0.807	1.077	0.114	0.109	0.014	0.02	0.001	-	0.012	-
1.7.2020 9:05	1.098	0.242	95.14	2.982	0.389	0.538	0.052	0.065	0.007	0.01	0.001	-	0.014	-
1.7.2020 9:05	0.47	0.303	95,681	2.707	0.454	0.638	0.065	0.081	0.009	0.013	0.002	-	0.017	-
1.7.2020 9:05	0.488	0.29	95,828	2.71	0.489	0.684	0.07	0.084	0.009	0.013	0.001	-	0.017	-
1.7.2020 9:05	0.504	0.279	95,819	2.678	0.514	0.72	0.075	0.088	0.01	0.014	0.001	-	0.017	-
1.7.2020 9:05	0.471	0.3	95,868	2.721	0.451	0.64	0.066	0.082	0.009	0.013	0.002	-	0.018	-
1.7.2020 9:05	0.495	0.275	95,785	2.718	0.533	0.726	0.063	0.092	0.01	0.015	0	0.008	-	0.004
1.7.2020 9:05	0.472	0.293	95,836	2.743	0.479	0.656	0.055	0.085	0.009	0.013	0	0.009	-	0.004
1.7.2020 9:05	0.506	0.275	95,778	2.707	0.543	0.735	0.062	0.092	0.01	0.014	0	0.008	-	0.004
1.7.2020 9:05	0.514	0.265	95,809	2.689	0.552	0.743	0.063	0.092	0.01	0.014	0	0.008	-	0.004
1.7.2020 9:05	0.482	0.282	95,891	2.686	0.488	0.659	0.053	0.083	0.009	0.013	0	0.008	-	0.004
1.7.2020 9:05	0.475	0.287	95,892	2.703	0.475	0.643	0.052	0.082	0.009	0.012	0	0.007	-	0.004
1.7.2020 9:05	0.494	0.274	95.9	2.658	0.499	0.673	0.055	0.084	0.009	0.013	0	0.009	-	0.002
1.7.2020 9:05	0.464	0.289	95,843	2.76	0.478	0.645	0.052	0.08	0.008	0.012	0	0.007	-	0.005
1.7.2020 9:05	0.709	0.209	94,335	3.469	1.011	1.278	0.108	0.117	0.015	0.02	0	0.006	-	0.003
1.7.2020 9:05	0.796	0.199	93,789	3.841	1.121	1.405	0.12	0.12	0.015	0.021	0	0.006	-	0.003
1.7.2020 9:05	1.586	0.185	94,405	3.219	0.464	0.605	0.047	0.066	0.008	0.011	0	0.005	-	0.003
1.7.2020 9:05	0.48	0.299	95,901	2.713	0.444	0.607	0.049	0.079	0.009	0.012	0	0.007	-	0.007
1.7.2020 9:05	0.488	0.294	95,842	2.724	0.479	0.651	0.054	0.083	0.009	0.013	0	0.008	-	0.005
1.7.2020 9:05	0.504	0.279	95,835	2.691	0.505	0.69	0.059	0.088	0.01	0.014	0	0.009	-	0.004
1.7.2020 9:05	0.477	0.295	95,876	2.721	0.458	0.631	0.053	0.082	0.009	0.013	0	0.007	-	0.007

Cs (mol %)	Cs+ (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
-	-	9.70934	34.954	10.24589	36.885	10.77124	38.776	11.35601	40.852	12.732	45.836
-	-	9.705548	34.94	10.24188	36.871	10.76717	38.762	11.35171	40.866	12.729	45.825
-	-	9.711114	34.96	10.24776	36.892	10.7731	38.783	11.35797	40.889	12.732	45.836
-	-	9.707747	34.948	10.2442	36.879	10.7695	38.77	11.35417	40.875	12.731	45.831
-	-	9.695434	34.904	10.23119	36.832	10.75636	38.723	11.3403	40.825	12.724	45.808
-	-	9.69655	34.908	10.23237	36.837	10.75755	38.727	11.34155	40.83	12.725	45.809
-	-	9.697416	34.911	10.23329	36.84	10.75847	38.73	11.34252	40.833	12.726	45.812
-	-	9.692437	34.893	10.22803	36.821	10.75317	38.711	11.33692	40.813	12.723	45.802
-	-	9.629294	35.385	10.3726	37.341	10.89987	39.24	11.4918	41.37	12.807	46.107
-	-	9.784986	35.226	10.3258	37.173	10.85206	39.067	11.44134	41.189	12.771	45.974
-	-	9.653481	34.753	10.18692	36.673	10.70944	38.554	11.29082	40.647	12.644	45.517
-	-	9.691891	34.891	10.22745	36.819	10.75253	38.709	11.33625	40.811	12.72	45.793
-	-	9.699608	34.919	10.23561	36.848	10.76077	38.739	11.34496	40.842	12.725	45.808
-	-	9.703325	34.932	10.23953	36.862	10.76474	38.753	11.34915	40.857	12.727	45.817
-	-	9.695458	34.904	10.23122	36.832	10.75635	38.723	11.34029	40.825	12.722	45.801
-	-	9.703888	34.934	10.24012	36.864	10.7654	38.755	11.34984	40.859	12.729	45.824
-	-	9.701649	34.926	10.23776	36.856	10.76299	38.747	11.3473	40.85	12.727	45.817
-	-	9.705645	34.941	10.2423	36.872	10.76757	38.763	11.35213	40.868	12.729	45.825
-	-	9.702046	34.927	10.23818	36.857	10.7634	38.748	11.34773	40.852	12.728	45.819
-	-	9.69552	34.896	10.22604	36.814	10.75114	38.704	11.33478	40.805	12.722	45.798
-	-	9.692746	34.894	10.22635	36.822	10.75347	38.712	11.33724	40.814	12.723	45.801
-	-	9.69245	34.893	10.22804	36.821	10.75315	38.711	11.33691	40.813	12.723	45.802
-	-	9.688501	34.879	10.22387	36.806	10.74895	38.696	11.33247	40.797	12.72	45.793
-	-	9.62911	34.665	10.16118	36.58	10.68257	38.457	11.26247	40.545	12.608	45.387
-	-	9.741688	35.07	10.28009	37.008	10.80414	38.895	11.3908	41.007	12.701	45.724
-	-	9.636626	34.692	10.18911	36.609	10.69118	38.488	11.27155	40.578	12.628	45.461
-	-	9.688635	34.679	10.22401	36.806	10.74904	38.697	11.33255	40.797	12.716	45.795
-	-	9.695636	34.904	10.23141	36.833	10.75652	38.723	11.34047	40.826	12.722	45.801
-	-	9.699138	34.917	10.23511	36.846	10.76026	38.737	11.34441	40.84	12.725	45.808
-	-	9.69042	34.886	10.2259	36.813	10.75096	38.703	11.33459	40.805	12.72	45.79
0.001	0	9.702178	34.928	10.23819	36.857	10.76343	38.748	11.34776	40.852	12.728	45.821
0.001	0	9.693123	34.895	10.22863	36.823	10.75375	38.713	11.33753	40.815	12.722	45.8
0.001	0	9.701577	34.926	10.23756	36.855	10.76275	38.746	11.34704	40.849	12.727	45.816
0.001	0	9.699772	34.919	10.23565	36.848	10.76083	38.739	11.34501	40.842	12.726	45.814
0.001	0	9.6888	34.88	10.22406	36.807	10.74912	38.697	11.33265	40.798	12.721	45.794
0.002	0	9.687889	34.876	10.2231	36.803	10.74815	38.693	11.33162	40.794	12.72	45.792
0.002	0	9.688458	34.878	10.2237	36.805	10.74874	38.695	11.33225	40.796	12.72	45.793
0.002	0	9.693076	34.895	10.22858	36.823	10.75374	38.713	11.33752	40.815	12.724	45.808
0	0	9.830377	35.389	10.37362	37.345	10.90028	39.241	11.49224	41.372	12.79	46.045
0	0	9.871479	35.537	10.41704	37.501	10.94407	39.399	11.53847	41.539	12.806	46.107
0.001	0	9.621739	34.638	10.15329	36.552	10.6735	38.425	11.25292	40.511	12.574	45.268
0.001	0	9.681437	34.853	10.21629	36.779	10.74117	38.668	11.32426	40.767	12.714	45.769
0	0	9.689037	34.881	10.22431	36.808	10.7493	38.697	11.33285	40.798	12.718	45.794
0.001	0	9.693077	34.895	10.22858	36.823	10.75363	38.713	11.33742	40.815	12.721	45.796
0.001	0	9.686902	34.873	10.22206	36.799	10.74705	38.688	11.33047	40.79	12.718	45.793

Wd(kWh/m ³) @250	Wd(M/m ³) @250	Wg(kWh/m ³) @15/15	Wg(M/m ³) @15/15	Wg(kWh/m ³) @250	Wg(M/m ³) @250	ρ (kg/m ³) @15	ρ (kg/m ³) @0	d@15	d@0	M kg/kmol	R J/kgK	MIN (metanasi broj)
13.434	48.362	14.125	50.849	14.889	53.602	0.713	0.7521	0.5815	0.5817	16.813	494,521	86,733
13.431	48.351	14.122	50.838	14.888	53.59	0.712	0.7519	0.5813	0.5815	16.808	494,698	86,853
13.434	48.362	14.125	50.848	14.889	53.602	0.713	0.7524	0.5817	0.5819	16.816	494,445	86,652
13.432	48.357	14.123	50.843	14.888	53.596	0.713	0.752	0.5815	0.5816	16.811	494,562	86,757
13.426	48.333	14.117	50.82	14.881	53.572	0.711	0.7509	0.5806	0.5807	16.786	495,337	87,179
13.426	48.334	14.117	50.822	14.881	53.573	0.712	0.751	0.5807	0.5808	16.788	495,252	87,137
13.427	48.337	14.118	50.825	14.882	53.577	0.712	0.751	0.5807	0.5809	16.789	495,227	87,097
13.424	48.326	14.115	50.814	14.879	53.566	0.711	0.7506	0.5804	0.5805	16.778	495,548	87,29
13.513	48.648	14.202	51.129	14.972	53.696	0.722	0.7616	0.589	0.5892	17.028	498,319	83,498
13.474	48.508	14.163	50.987	14.93	53.748	0.719	0.7593	0.5871	0.5873	16.873	489,879	84,412
13.341	48.026	14.027	50.496	14.786	53.23	0.714	0.754	0.583	0.5832	16.856	493,294	86,866
13.421	48.317	14.112	50.804	14.876	53.565	0.711	0.7508	0.5805	0.5807	16.784	495,37	87,264
13.426	48.333	14.117	50.82	14.881	53.572	0.712	0.7515	0.5811	0.5812	16.8	494,926	87,004
13.428	48.342	14.119	50.829	14.884	53.581	0.712	0.7519	0.5813	0.5814	16.806	494,732	86,872
13.424	48.325	14.115	50.812	14.879	53.564	0.712	0.7511	0.5808	0.5809	16.791	495,163	87,146
13.43	48.35	14.121	50.837	14.886	53.589	0.712	0.7516	0.5812	0.5813	16.803	494,826	86,9
13.428	48.342	14.119	50.829	14.884	53.581	0.712	0.7515	0.5811	0.5812	16.8	494,903	86,969
13.431	48.351	14.122	50.838	14.886	53.59	0.712	0.7519	0.5814	0.5815	16.806	494,751	86,809
13.429	48.345	14.12	50.831	14.884	53.584	0.712	0.7515	0.5811	0.5812	16.8	494,926	86,936
13.423	48.322	14.114	50.81	14.878	53.561	0.711	0.7504	0.5802	0.5804	16.776	495,62	87,333
13.424	48.326	14.115	50.813	14.879	53.565	0.711	0.7506	0.5804	0.5806	16.781	495,468	87,25
13.424	48.326	14.115	50.814	14.879	53.566	0.711	0.7506	0.5804	0.5805	16.78	495,512	87,251
13.421	48.317	14.113	50.805	14.877	53.556	0.711	0.7503	0.5801	0.5803	16.772	495,724	87,406
13.302	47.889	13.987	50.353	14.744	53.079	0.715	0.7545	0.5834	0.5836	16.867	492,991	86,989
13.401	48.244	14.086	50.711	14.849	53.457	0.721	0.7609	0.5883	0.5885	17.009	488,857	84,472
13.324	47.966	14.01	50.435	14.768	53.166	0.714	0.7533	0.5824	0.5826	16.839	493,798	87,205
13.419	48.309	14.11	50.796	14.874	53.547	0.711	0.7505	0.5803	0.5805	16.779	495,544	87,36
13.424	48.325	14.114	50.812	14.879	53.563	0.712	0.7511	0.5808	0.5809	16.792	495,16	87,125
13.426	48.333	14.117	50.82	14.881	53.572	0.712	0.7514	0.581	0.5812	16.798	494,973	87
13.421	48.314	14.112	50.802	14.876	53.562	0.711	0.7506	0.5804	0.5806	16.781	495,47	87,304
13.429	48.346	14.12	50.833	14.885	53.585	0.712	0.7515	0.5811	0.5812	16.799	494,934	86,863
13.423	48.324	14.114	50.812	14.879	53.563	0.711	0.7507	0.5806	0.5806	16.783	495,418	87,158
13.428	48.34	14.119	50.827	14.883	53.579	0.712	0.7515	0.5811	0.5813	16.801	494,885	86,858
13.427	48.339	14.118	50.826	14.883	53.578	0.712	0.7513	0.5809	0.5811	16.795	495,037	86,916
13.421	48.317	14.113	50.805	14.877	53.556	0.711	0.7503	0.5801	0.5803	16.773	495,715	87,31
13.421	48.315	14.112	50.803	14.876	53.564	0.711	0.7502	0.5801	0.5802	16.771	495,873	87,374
13.421	48.317	14.112	50.805	14.877	53.565	0.711	0.7502	0.5801	0.5803	16.772	495,733	87,254
13.425	48.33	14.116	50.818	14.881	53.57	0.711	0.7505	0.5803	0.5805	16.779	495,545	87,245
13.495	48.583	14.182	51.057	14.95	53.822	0.724	0.764	0.5907	0.5909	17.077	486,886	82,881
13.513	48.648	14.199	51.117	14.968	53.886	0.728	0.7683	0.5941	0.5942	17.173	484,161	81,664
13.266	47.758	13.949	50.216	14.703	52.93	0.718	0.7574	0.5856	0.5858	16.931	491,126	86,253
13.414	48.291	14.105	50.779	14.869	53.528	0.711	0.75	0.5799	0.58	16.766	495,922	87,528
13.419	48.307	14.11	50.794	14.874	53.545	0.711	0.7506	0.5804	0.5806	16.781	495,482	87,253
13.422	48.319	14.113	50.806	14.877	53.567	0.711	0.7509	0.5806	0.5808	16.786	495,312	87,095
13.418	48.306	14.109	50.794	14.873	53.544	0.711	0.7503	0.5802	0.5803	16.774	495,676	87,37