

Test	Image	BSNR	Input		IDD-BM3D		Our		Improvement	
			PSNR	SSIM	PSNR	SSIM	PSNR	SSIM	PSNR	SSIM
1	C.man	31.87	22.23	0.709	31.11	0.891	<b>31.49</b>	<b>0.904</b>	0.38	0.013
	House	29.16	25.61	0.767	35.54	0.889	<b>36.02</b>	<b>0.896</b>	0.48	0.007
	Lena	29.89	27.25	0.882	35.20	0.972	<b>35.63</b>	<b>0.978</b>	0.43	0.006
	Barbara	30.81	23.34	0.795	30.97	0.970	<b>31.09</b>	<b>0.974</b>	0.12	0.003
	<b>Average</b>	30.44	24.61	0.788	33.20	0.931	<b>33.56</b>	<b>0.938</b>	0.35	0.007
2	C.man	25.85	22.16	0.668	29.31	0.862	<b>29.75</b>	<b>0.873</b>	0.44	0.011
	House	23.14	25.46	0.724	33.99	0.869	<b>34.56</b>	<b>0.879</b>	0.57	0.009
	Lena	23.87	27.04	0.872	33.64	0.957	<b>34.12</b>	<b>0.966</b>	0.49	0.008
	Barbara	24.79	23.25	0.789	27.20	0.926	<b>27.29</b>	<b>0.930</b>	0.08	0.004
	<b>Average</b>	24.43	24.47	0.763	31.04	0.904	<b>31.43</b>	<b>0.912</b>	0.39	0.008
3	C.man	40.00	20.77	0.624	<b>31.24</b>	0.899	31.17	<b>0.910</b>	-0.08	0.011
	House	40.00	24.11	0.697	36.98	0.918	<b>37.57</b>	<b>0.928</b>	0.60	0.009
	Lena	40.00	25.84	0.829	34.74	0.968	<b>35.14</b>	<b>0.973</b>	0.40	0.004
	Barbara	40.00	22.49	0.737	<b>28.53</b>	<b>0.933</b>	28.31	0.930	-0.23	-0.003
	<b>Average</b>	40.00	23.30	0.722	32.87	0.930	<b>33.05</b>	<b>0.935</b>	0.18	0.006
4	C.man	18.53	24.63	0.609	28.63	0.858	<b>29.21</b>	<b>0.873</b>	0.58	0.014
	House	15.99	28.08	0.631	33.85	0.868	<b>34.41</b>	<b>0.879</b>	0.57	0.011
	Lena	16.47	28.81	0.903	33.76	0.957	<b>34.29</b>	<b>0.967</b>	0.52	0.010
	Barbara	17.35	24.22	0.849	26.09	0.908	<b>26.17</b>	<b>0.913</b>	0.07	0.005
	<b>Average</b>	17.17	26.44	0.748	30.58	0.898	<b>31.02</b>	<b>0.908</b>	0.44	0.010
5	C.man	29.19	23.36	0.734	27.69	0.858	<b>28.58</b>	<b>0.873</b>	0.88	0.015
	House	26.61	27.82	0.794	33.55	0.874	<b>34.17</b>	<b>0.883</b>	0.62	0.009
	Lena	27.18	29.16	0.928	34.00	0.968	<b>34.38</b>	<b>0.973</b>	0.38	0.005
	Barbara	28.07	23.77	0.831	24.93	0.883	<b>25.01</b>	<b>0.886</b>	0.07	0.003
	<b>Average</b>	27.77	26.03	0.822	30.04	0.896	<b>30.53</b>	<b>0.904</b>	0.49	0.008
6	C.man	17.76	29.83	0.703	34.69	0.932	<b>34.89</b>	<b>0.939</b>	0.21	0.007
	House	15.15	30.00	0.682	<b>37.08</b>	<b>0.920</b>	36.74	0.911	-0.34	-0.010
	Lena	15.52	30.02	0.911	<b>36.34</b>	<b>0.972</b>	36.32	<b>0.972</b>	-0.02	0.000
	Barbara	16.59	29.78	0.939	<b>35.22</b>	0.979	35.21	<b>0.980</b>	-0.01	0.000
	<b>Average</b>	16.36	29.91	0.809	<b>35.83</b>	<b>0.951</b>	35.79	0.951	-0.04	-0.001