

$\tau$	Measure	CALIC	JPEG2000	WebP	ARCNN	$\ell_\infty$ -CNN single- rate	MSE + GAN	MSE	$\ell_\infty$ -CNN multi- rate
$\tau=6$	PSNR	37.35	38.35	38.23	38.37	39.21	38.81	39.60	39.51
	SSIM	0.9411	0.9487	0.9538	0.9516	0.9601	0.9481	0.9620	0.9614
	$\ell_\infty$ bound	6	18.32	18.34	11.24	7.24	11.39	11.25	6.95
$\tau=8$	PSNR	35.15	36.91	36.72	36.96	37.49	37.31	37.84	37.76
	SSIM	0.9131	0.9327	0.9376	0.9378	0.9432	0.9347	0.9462	0.9456
	$\ell_\infty$ bound	8	25.05	23.59	15.05	9.73	15.01	14.89	9.24
$\tau=10$	PSNR	33.49	35.68	35.56	35.61	36.12	35.98	36.39	36.30
	SSIM	0.8880	0.9159	0.9213	0.9199	0.9268	0.9164	0.9293	0.9285
	$\ell_\infty$ bound	10	28.09	27.14	18.36	12.16	18.14	18.05	11.87
$\tau=12$	PSNR	32.16	34.78	34.54	34.44	34.94	34.84	35.18	35.11
	SSIM	0.8644	0.9008	0.9047	0.9023	0.9097	0.8960	0.9119	0.9112
	$\ell_\infty$ bound	12	34.91	32.64	21.22	14.56	20.94	20.58	14.18
$\tau=14$	PSNR	31.05	33.94	33.72	33.38	33.90	33.81	34.16	34.02
	SSIM	0.8431	0.8852	0.8890	0.8832	0.8912	0.8831	0.8942	0.8931
	$\ell_\infty$ bound	14	41.05	39.60	24.32	16.58	24.15	24.01	16.23