

$\tau$	Measure	CALIC	JPEG2000	WebP	ARCNN	$\ell_\infty$ -CNN single- rate	MSE + GAN	MSE	$\ell_\infty$ -CNN multi- rate
$\tau=6$	PSNR	37.15	37.76	37.90	37.95	38.78	38.41	39.20	39.05
	SSIM	0.9497	0.9561	0.9644	0.9596	0.9660	0.9548	0.9682	0.9675
	$\ell_\infty$ bound	6	22.21	19.93	11.50	7.62	11.64	11.54	7.37
$\tau=8$	PSNR	35.01	36.28	36.38	36.59	37.21	36.96	37.60	37.46
	SSIM	0.9242	0.9426	0.9520	0.9478	0.9521	0.9421	0.9554	0.9546
	$\ell_\infty$ bound	8	27.10	23.57	15.64	10.31	15.27	15.18	10.05
$\tau=10$	PSNR	33.34	35.01	35.13	35.08	35.84	35.76	36.20	36.11
	SSIM	0.9029	0.9290	0.9398	0.9314	0.9392	0.9312	0.9438	0.9428
	$\ell_\infty$ bound	10	30.64	28.71	19.14	12.46	18.76	18.51	12.13
$\tau=12$	PSNR	31.95	34.16	34.15	34.01	34.85	34.85	35.14	35.01
	SSIM	0.8793	0.9183	0.9282	0.9172	0.9270	0.9154	0.9315	0.9305
	$\ell_\infty$ bound	12	36.04	32.57	21.71	14.67	21.83	21.64	14.24
$\tau=14$	PSNR	30.73	33.34	33.35	32.96	33.79	33.71	34.06	33.94
	SSIM	0.8583	0.9053	0.9160	0.9011	0.9119	0.9004	0.9167	0.9160
	$\ell_\infty$ bound	14	42.35	40.07	25.35	16.64	24.86	24.42	16.32