

Table 5: Quality control performance of proposed method when $\varepsilon < 0.5\text{db}$

Lena				Baboon			
Target PSNR	QF	Result SPSNR	iteration	Target PSNR	QF	Result SPSNR	iteration
45	6.322163	45.31637	2	45	6.382994	44.53914	3
40	7.820805	39.92916	1	40	7.138607	40.13385	3
37	9.708059	36.87946	3	37	8.430909	36.79093	2
34	11.26063	33.7572	3	34	9.495735	34.16649	1
30	13.15257	29.98144	3	30	10.98456	29.93475	1
27	14.75006	27.35777	2	27	11.94095	27.30121	2
24	17.04121	24.45195	2	24	13.20528	24.21164	2

Table 6: Quality control performance of proposed method when $\varepsilon < 0.5\text{db}$

Jet				Pepper			
Target PSNR	QF	Result SPSNR	iteration	Target PSNR	QF	Result SPSNR	iteration
45	6.309362	45.22191	2	45	6.291113	44.85643	4
40	7.820805	39.90976	1	40	6.936028	40.37694	3
37	9.599702	36.85507	3	37	8.432672	36.70667	2
34	10.92156	33.83392	3	34	9.773956	34.36877	2
30	12.56249	30.07201	2	30	12.63127	29.8634	3
27	14.20493	26.76823	2	27	14.11358	27.47935	2
24	16.08429	23.76531	2	24	16.44172	23.66521	2