benchmark_results_final

Image	Method	Param	BPP	Time_s
kodim01.png	Ours (optimized)	10	1.6103108723958333	0.33741259574890137
kodim01.png	Ours (optimized)	15	1.4426676432291667	0.2964897155761719
kodim01.png	Ours (optimized)	20	1.2399698893229167	0.32543253898620605
kodim01.png	Ours (optimized)	30	0.6590779622395834	0.13432979583740234
kodim01.png	Ours (optimized)	45	0.19254557291666666	0.04927682876586914
kodim01.png	Ours (optimized)	70	0.0004069010416666667	0.006766319274902344
kodim01.png	Ours (optimized)	110	0.0004069010416666667	0.004567623138427734
kodim01.png	Ours (optimized)	150	0.0004069010416666667	0.0039501190185546875
kodim01.png	Standard QT	10	0.8463948567708334	0.3636434078216553
kodim01.png	Standard QT	15	0.7472941080729166	0.2979464530944824
kodim01.png	Standard QT	20	0.62969970703125	0.34151172637939453
kodim01.png	Standard QT	30	0.2944742838541667	0.11161398887634277
kodim01.png	Standard QT	45	0.0003458658854166667	0.006524562835693359
kodim01.png	Standard QT	70	0.0003458658854166667	0.003854513168334961
kodim01.png	Standard QT	110	0.0003458658854166667	0.0037784576416015625
kodim01.png	Standard QT	150	0.0003458658854166667	0.0038411617279052734
kodim01.png	Standard QT (Interp)	10	1.5554402669270833	0.0
kodim01.png	Standard QT (Interp)	15	1.3708902994791667	0.0
kodim01.png	Standard QT (Interp)	20	1.1518961588541667	0.0
kodim01.png	Standard QT (Interp)	30	0.5309651692708334	0.0
kodim01.png	Standard QT (Interp)	45	0.0004069010416666667	0.0
kodim01.png	Standard QT (Interp)	70	0.0004069010416666667	0.0
kodim01.png	Standard QT (Interp)	110	0.0004069010416666667	0.0
kodim01.png	Standard QT (Interp)	150	0.0004069010416666667	0.0
kodim01.png	Ours (Ablation-Blocks)	10	0.8776448567708334	0.0
kodim01.png	Ours (Ablation-Blocks)	15	0.78778076171875	0.0
kodim01.png	Ours (Ablation-Blocks)	20	0.67889404296875	0.0
kodim01.png	Ours (Ablation-Blocks)	30	0.3672688802083333	0.0
kodim01.png	Ours (Ablation-Blocks)	45	0.1085205078125	0.0
kodim01.png	Ours (Ablation-Blocks)	70	0.0003458658854166667	0.0
kodim01.png	Ours (Ablation-Blocks)	110	0.0003458658854166667	0.0
kodim01.png	Ours (Ablation-Blocks)	150	0.0003458658854166667	0.0
kodim01.png	JPEG	5	0.2717692057291667	0.0010197162628173828
kodim01.png	JPEG	10	0.4398396809895833	0.0012912750244140625
kodim01.png	JPEG	20	0.70953369140625	0.0011792182922363281
kodim01.png	JPEG	30	0.9223225911458334	0.001239776611328125
kodim01.png	JPEG	50	1.2572021484375	0.0013241767883300781
kodim01.png	JPEG	70	1.7083536783854167	0.0014774799346923828
kodim01.png	JPEG	80	2.1467488606770835	0.0015783309936523438
kodim01.png	JPEG	90	3.15313720703125	0.0017886161804199219
kodim01.png	WebP	5	0.3504231770833333	0.030423402786254883
kodim01.png	WebP	10	0.452880859375	0.03174614906311035
kodim01.png	WebP	20	0.6460774739583334	0.033437252044677734
kodim01.png	WebP	30	0.8267822265625	0.03588509559631348
kodim01.png	WebP	50	1.159912109375	0.03938126564025879
kodim01.png	WebP	70	1.4934488932291667	0.04240560531616211
kodim01.png	WebP	80	1.884521484375	0.04434514045715332
kodim01.png	WebP	90	2.7864990234375	0.0500180721282959
kodim02.png	Ours (optimized)	10	0.5305989583333334	0.1088709831237793
kodim02.png	Ours (optimized)	15	0.23073323567708334	0.13780951499938965
kodim02.png	Ours (optimized)	20	0.061299641927083336	0.014005184173583984
kodim02.png	Ours (optimized)	30	0.0004069010416666667	0.004329204559326172

kodim02.png	Ours (optimized)	45	0.0004069010416666667	0.0037555694580078125
kodim02.png	Ours (optimized)	70	0.0004069010416666667	0.004157066345214844
kodim02.png	Ours (optimized)	110	0.0004069010416666667	0.0040340423583984375
kodim02.png	Ours (optimized)	150	0.0004069010416666667	0.004425525665283203
kodim02.png	Standard QT	10	0.2996012369791667	0.10650086402893066
kodim02.png	Standard QT	15	0.12711588541666666	0.04638314247131348
kodim02.png	Standard QT	20	0.030232747395833332	0.012686729431152344
kodim02.png	Standard QT	30	0.0003458658854166667	0.004476785659790039
kodim02.png	Standard QT	45	0.0003458658854166667	0.00395965576171875
kodim02.png	Standard QT	70	0.0003458658854166667	0.004499912261962891
kodim02.png	Standard QT	110	0.0003458658854166667	0.00388336181640625
kodim02.png	Standard QT	150	0.0003458658854166667	0.003787994384765625
kodim02.png	Standard QT (Interp)	10	0.5285237630208334	0.0
kodim02.png	Standard QT (Interp)	15	0.22450764973958334	0.0
kodim02.png	Standard QT (Interp)	20	0.052490234375	0.0
kodim02.png	Standard QT (Interp)	30	0.0004069010416666667	0.0
kodim02.png	Standard QT (Interp)	45	0.0004069010416666667	0.0
kodim02.png	Standard QT (Interp)	70	0.0004069010416666667	0.0
kodim02.png	Standard QT (Interp)	110	0.0004069010416666667	0.0
kodim02.png	Standard QT (Interp)	150	0.0004069010416666667	0.0
kodim02.png	Ours (Ablation-Blocks)	10	0.30078125	0.0
kodim02.png	Ours (Ablation-Blocks)	15	0.13055419921875	0.0
kodim02.png	Ours (Ablation-Blocks)	20	0.03521728515625	0.0
kodim02.png	Ours (Ablation-Blocks)	30	0.0003458658854166667	0.0
kodim02.png	Ours (Ablation-Blocks)	45	0.0003458658854166667	0.0
kodim02.png	Ours (Ablation-Blocks)	70	0.0003458658854166667	0.0
kodim02.png	Ours (Ablation-Blocks)	110	0.0003458658854166667	0.0
kodim02.png	Ours (Ablation-Blocks)	150	0.0003458658854166667	0.0
kodim02.png	JPEG	5	0.17218017578125	0.001018524169921875
kodim02.png	JPEG	10	0.22806803385416666	0.0010323524475097656
kodim02.png	JPEG	20	0.3519490559895833	0.0011429786682128906
kodim02.png	JPEG	30	0.4752197265625	0.0011646747589111328
kodim02.png	JPEG	50	0.6891682942708334	0.0012347698211669922
kodim02.png	JPEG	70	0.9961344401041666	0.0013682842254638672
kodim02.png	JPEG	80	1.29852294921875	0.0014612674713134766
kodim02.png	JPEG	90	2.0257161458333335	0.0016231536865234375
kodim02.png	WebP	5	0.11669921875	0.02502751350402832
kodim02.png	WebP	10	0.14994303385416666	0.02699446678161621
kodim02.png	WebP	20	0.22025553385416666	0.027333498001098633
kodim02.png	WebP	30	0.2953694661458333	0.02946305274963379
kodim02.png	WebP	50	0.4470621744791667	0.03084325790405273
kodim02.png	WebP	70	0.6389973958333334	0.0342612266540527
kodim02.png	WebP	80	0.8836669921875	0.03578066825866699
kodim02.png	WebP	90	1.6744384765625	0.04224967956542969
kodim03.png	Ours (optimized)	10	0.90869140625	0.18520259857177734
kodim03.png	Ours (optimized)	15	0.7427571614583334	0.15607857704162598
kodim03.png	Ours (optimized)	20	0.6481730143229166	0.13884687423706055
kodim03.png	Ours (optimized)	30	0.5186360677083334	0.10857701301574707
kodim03.png	Ours (optimized)	45	0.43408203125	0.08873748779296875
kodim03.png	Ours (optimized)	70	0.3268636067708333	0.06624817848205566
kodim03.png	Ours (optimized)	110	0.0004069010416666667	0.006695270538330078
kodim03.png	Ours (optimized)	150	0.0004069010416666667	0.004356861114501953
kodim03.png	Standard QT	10	0.4206746419270833	0.1503756046295166

kodim03.png	Standard QT	15	0.3048502604166667	0.11010193824768066
kodim03.png	Standard QT	20	0.22462972005208334	0.08149218559265137
kodim03.png	Standard QT	30	0.08113606770833333	0.030140161514282227
kodim03.png	Standard QT	45	0.0003458658854166667	0.0042786598205556641
kodim03.png	Standard QT	70	0.0003458658854166667	0.0035278797149658203
kodim03.png	Standard QT	110	0.0003458658854166667	0.0038797855377197266
kodim03.png	Standard QT	150	0.0003458658854166667	0.004625558853149414
kodim03.png	Standard QT (Interp)	10	0.7242228190104166	0.0
kodim03.png	Standard QT (Interp)	15	0.523193359375	0.0
kodim03.png	Standard QT (Interp)	20	0.38433837890625	0.0
kodim03.png	Standard QT (Interp)	30	0.13970947265625	0.0
kodim03.png	Standard QT (Interp)	45	0.0004069010416666667	0.0
kodim03.png	Standard QT (Interp)	70	0.0004069010416666667	0.0
kodim03.png	Standard QT (Interp)	110	0.0004069010416666667	0.0
kodim03.png	Standard QT (Interp)	150	0.0004069010416666667	0.0
kodim03.png	Ours (Ablation-Blocks)	10	0.52398681640625	0.0
kodim03.png	Ours (Ablation-Blocks)	15	0.43072509765625	0.0
kodim03.png	Ours (Ablation-Blocks)	20	0.3772379557291667	0.0
kodim03.png	Ours (Ablation-Blocks)	30	0.2978515625	0.0
kodim03.png	Ours (Ablation-Blocks)	45	0.2484130859375	0.0
kodim03.png	Ours (Ablation-Blocks)	70	0.18540445963541666	0.0
kodim03.png	Ours (Ablation-Blocks)	110	0.0003458658854166667	0.0
kodim03.png	Ours (Ablation-Blocks)	150	0.0003458658854166667	0.0
kodim03.png	JPEG	5	0.17893473307291666	0.0010085105895996094
kodim03.png	JPEG	10	0.23954264322916666	0.0011181831359863281
kodim03.png	JPEG	20	0.3503621419270833	0.0010974407196044922
kodim03.png	JPEG	30	0.447998046875	0.0011110305786132812
kodim03.png	JPEG	50	0.6131795247395834	0.002856016159057617
kodim03.png	JPEG	70	0.84130859375	0.0012412071228027344
kodim03.png	JPEG	80	1.0637613932291667	0.0013859272003173828
kodim03.png	JPEG	90	1.6117757161458333	0.0014672279357910156
kodim03.png	WebP	5	0.11767578125	0.024222135543823242
kodim03.png	WebP	10	0.14676920572916666	0.024781227111816406
kodim03.png	WebP	20	0.19661458333333334	0.026070117950439453
kodim03.png	WebP	30	0.2486572265625	0.027304410934448242
kodim03.png	WebP	50	0.36474609375	0.029445648193359375
kodim03.png	WebP	70	0.486572265625	0.03163480758666992
kodim03.png	WebP	80	0.6448974609375	0.03287553787231445
kodim03.png	WebP	90	1.115234375	0.03727889060974121
kodim04.png	Ours (optimized)	10	1.4833780924479167	0.30389928817749023
kodim04.png	Ours (optimized)	15	1.4267374674479167	0.3915846347808838
kodim04.png	Ours (optimized)	20	1.37689208984375	0.28273558616638184
kodim04.png	Ours (optimized)	30	1.3289794921875	0.28214550018310547
kodim04.png	Ours (optimized)	45	1.2480265299479167	0.26124024391174316
kodim04.png	Ours (optimized)	70	1.16278076171875	0.24590325355529785
kodim04.png	Ours (optimized)	110	1.0530802408854167	0.22241759300231934
kodim04.png	Ours (optimized)	150	0.8966064453125	0.19027256965637207
kodim04.png	Standard QT	10	0.5166219075520834	0.18440628051757812
kodim04.png	Standard QT	15	0.3302815755208333	0.11521482467651367
kodim04.png	Standard QT	20	0.21128336588541666	0.0749058723449707
kodim04.png	Standard QT	30	0.07918294270833333	0.02893376350402832
kodim04.png	Standard QT	45	0.0003458658854166667	0.004659891128540039
kodim04.png	Standard QT	70	0.0003458658854166667	0.00451350212097168

kodim04.png	Standard QT	110	0.0003458658854166667	0.004011392593383789
kodim04.png	Standard QT	150	0.0003458658854166667	0.003671884536743164
kodim04.png	Standard QT (Interp)	10	0.897705078125	0.0
kodim04.png	Standard QT (Interp)	15	0.5757853190104166	0.0
kodim04.png	Standard QT (Interp)	20	0.3673095703125	0.0
kodim04.png	Standard QT (Interp)	30	0.13584391276041666	0.0
kodim04.png	Standard QT (Interp)	45	0.0004069010416666667	0.0
kodim04.png	Standard QT (Interp)	70	0.0004069010416666667	0.0
kodim04.png	Standard QT (Interp)	110	0.0004069010416666667	0.0
kodim04.png	Standard QT (Interp)	150	0.0004069010416666667	0.0
kodim04.png	Ours (Ablation-Blocks)	10	0.84649658203125	0.0
kodim04.png	Ours (Ablation-Blocks)	15	0.8151652018229166	0.0
kodim04.png	Ours (Ablation-Blocks)	20	0.7858683268229166	0.0
kodim04.png	Ours (Ablation-Blocks)	30	0.7590738932291666	0.0
kodim04.png	Ours (Ablation-Blocks)	45	0.7100423177083334	0.0
kodim04.png	Ours (Ablation-Blocks)	70	0.659912109375	0.0
kodim04.png	Ours (Ablation-Blocks)	110	0.5995076497395834	0.0
kodim04.png	Ours (Ablation-Blocks)	150	0.5106201171875	0.0
kodim04.png	JPEG	5	0.18672688802083334	0.0009968280792236328
kodim04.png	JPEG	10	0.2629191080729167	0.0010581016540527344
kodim04.png	JPEG	20	0.4078572591145833	0.001390695571899414
kodim04.png	JPEG	30	0.5365193684895834	0.0014338493347167969
kodim04.png	JPEG	50	0.75262451171875	0.00130462646484375
kodim04.png	JPEG	70	1.05047607421875	0.0017344951629638672
kodim04.png	JPEG	80	1.34967041015625	0.0020198822021484375
kodim04.png	JPEG	90	2.0712076822916665	0.0016286373138427734
kodim04.png	WebP	5	0.1468505859375	0.028104782104492188
kodim04.png	WebP	10	0.1859130859375	0.027263402938842773
kodim04.png	WebP	20	0.2642822265625	0.02843785285949707
kodim04.png	WebP	30	0.3433024088541667	0.03258919715881348
kodim04.png	WebP	50	0.5087890625	0.032806396484375
kodim04.png	WebP	70	0.6913248697916666	0.036377906799316406
kodim04.png	WebP	80	0.9605305989583334	0.03658914566040039
kodim04.png	WebP	90	1.7292073567708333	0.043029069900512695
kodim05.png	Ours (optimized)	10	1.781982421875	0.45697474479675293
kodim05.png	Ours (optimized)	15	1.6916910807291667	0.3500540256500244
kodim05.png	Ours (optimized)	20	1.59979248046875	0.3343038558959961
kodim05.png	Ours (optimized)	30	1.43975830078125	0.2845113277435303
kodim05.png	Ours (optimized)	45	1.2186075846354167	0.24764466285705566
kodim05.png	Ours (optimized)	70	0.95556640625	0.2018132209777832
kodim05.png	Ours (optimized)	110	0.76849365234375	0.16845941543579102
kodim05.png	Ours (optimized)	150	0.7622884114583334	0.16426801681518555
kodim05.png	Standard QT	10	0.9403483072916666	0.3328859806060791
kodim05.png	Standard QT	15	0.8401692708333334	0.29860305786132813
kodim05.png	Standard QT	20	0.7202351888020834	0.344246149063110354
kodim05.png	Standard QT	30	0.4556477864583333	0.15501880645751953
kodim05.png	Standard QT	45	0.1458740234375	0.04969525337219238
kodim05.png	Standard QT	70	0.0003458658854166667	0.005105733871459961
kodim05.png	Standard QT	110	0.0003458658854166667	0.0038013458251953125
kodim05.png	Standard QT	150	0.0003458658854166667	0.003617525100708008
kodim05.png	Standard QT (Interp)	10	1.71026611328125	0.0
kodim05.png	Standard QT (Interp)	15	1.52398681640625	0.0
kodim05.png	Standard QT (Interp)	20	1.30682373046875	0.0

kodim05.png	Standard QT (Interp)	30	0.8269856770833334	0.0
kodim05.png	Standard QT (Interp)	45	0.2633260091145833	0.0
kodim05.png	Standard QT (Interp)	70	0.0004069010416666667	0.0
kodim05.png	Standard QT (Interp)	110	0.0004069010416666667	0.0
kodim05.png	Standard QT (Interp)	150	0.0004069010416666667	0.0
kodim05.png	Ours (Ablation-Blocks)	10	0.9801839192708334	0.0
kodim05.png	Ours (Ablation-Blocks)	15	0.9298095703125	0.0
kodim05.png	Ours (Ablation-Blocks)	20	0.8797200520833334	0.0
kodim05.png	Ours (Ablation-Blocks)	30	0.7897542317708334	0.0
kodim05.png	Ours (Ablation-Blocks)	45	0.66668701171875	0.0
kodim05.png	Ours (Ablation-Blocks)	70	0.5233968098958334	0.0
kodim05.png	Ours (Ablation-Blocks)	110	0.4177652994791667	0.0
kodim05.png	Ours (Ablation-Blocks)	150	0.4147135416666667	0.0
kodim05.png	JPEG	5	0.3106486002604167	0.001092672348022461
kodim05.png	JPEG	10	0.5044759114583334	0.0011496543884277344
kodim05.png	JPEG	20	0.7994384765625	0.0012497901916503906
kodim05.png	JPEG	30	1.036865234375	0.0013079643249511719
kodim05.png	JPEG	50	1.4054361979166667	0.0014188289642333984
kodim05.png	JPEG	70	1.8780924479166667	0.0016131401062011719
kodim05.png	JPEG	80	2.33380126953125	0.0016694068908691406
kodim05.png	JPEG	90	3.3273518880208335	0.001810312271118164
kodim05.png	WebP	5	0.4512939453125	0.032433509826660156
kodim05.png	WebP	10	0.5602620442708334	0.03448033332824707
kodim05.png	WebP	20	0.7500813802083334	0.03632092475891113
kodim05.png	WebP	30	0.90966796875	0.0370030403137207
kodim05.png	WebP	50	1.2313639322916667	0.04049658775329590
kodim05.png	WebP	70	1.5504964192708333	0.042458534240722656
kodim05.png	WebP	80	1.9417317708333333	0.04583287239074707
kodim05.png	WebP	90	2.8772379557291665	0.05177569389343262
kodim06.png	Ours (optimized)	10	1.1955973307291667	0.2592587471008301
kodim06.png	Ours (optimized)	15	0.8911946614583334	0.18561983108520508
kodim06.png	Ours (optimized)	20	0.7098185221354166	0.1473708152770996
kodim06.png	Ours (optimized)	30	0.4277140299479167	0.08936238288879395
kodim06.png	Ours (optimized)	45	0.19392903645833334	0.04165220260620117
kodim06.png	Ours (optimized)	70	0.14127604166666666	0.03236269950866699
kodim06.png	Ours (optimized)	110	0.0004069010416666667	0.00445103645324707
kodim06.png	Ours (optimized)	150	0.0004069010416666667	0.004164218902587891
kodim06.png	Standard QT	10	0.6601969401041666	0.2463359832763672
kodim06.png	Standard QT	15	0.48101806640625	0.18447542190551758
kodim06.png	Standard QT	20	0.3699137369791667	0.12998580932617188
kodim06.png	Standard QT	30	0.15559895833333334	0.06409668922424316
kodim06.png	Standard QT	45	0.027933756510416668	0.0129067897796630886
kodim06.png	Standard QT	70	0.0003458658854166667	0.003876209259033203
kodim06.png	Standard QT	110	0.0003458658854166667	0.003644704818725586
kodim06.png	Standard QT	150	0.0003458658854166667	0.004403591156005859
kodim06.png	Standard QT (Interp)	10	1.1797281901041667	0.0
kodim06.png	Standard QT (Interp)	15	0.8522135416666666	0.0
kodim06.png	Standard QT (Interp)	20	0.6502278645833334	0.0
kodim06.png	Standard QT (Interp)	30	0.2754720052083333	0.0
kodim06.png	Standard QT (Interp)	45	0.04669189453125	0.0
kodim06.png	Standard QT (Interp)	70	0.0004069010416666667	0.0
kodim06.png	Standard QT (Interp)	110	0.0004069010416666667	0.0
kodim06.png	Standard QT (Interp)	150	0.0004069010416666667	0.0

kodim06.png	Ours (Ablation-Blocks)	10	0.66998291015625	0.0
kodim06.png	Ours (Ablation-Blocks)	15	0.5031941731770834	0.0
kodim06.png	Ours (Ablation-Blocks)	20	0.4048055013020833	0.0
kodim06.png	Ours (Ablation-Blocks)	30	0.24037679036458334	0.0
kodim06.png	Ours (Ablation-Blocks)	45	0.11018880208333333	0.0
kodim06.png	Ours (Ablation-Blocks)	70	0.07877604166666667	0.0
kodim06.png	Ours (Ablation-Blocks)	110	0.0003458658854166667	0.0
kodim06.png	Ours (Ablation-Blocks)	150	0.0003458658854166667	0.0
kodim06.png	JPEG	5	0.22462972005208334	0.0010006427764892578
kodim06.png	JPEG	10	0.3553263346354167	0.0012733936309814453
kodim06.png	JPEG	20	0.5673624674479166	0.0011508464813232422
kodim06.png	JPEG	30	0.7397664388020834	0.0012097358703613281
kodim06.png	JPEG	50	1.01531982421875	0.0012574195861816406
kodim06.png	JPEG	70	1.3771158854166667	0.0013527870178222656
kodim06.png	JPEG	80	1.7210286458333333	0.001458883285522461
kodim06.png	JPEG	90	2.5256551106770835	0.0017819404602050781
kodim06.png	WebP	5	0.2584635416666667	0.02804422378540039
kodim06.png	WebP	10	0.3424886067708333	0.028490066528320312
kodim06.png	WebP	20	0.4761149088541667	0.030220746994018555
kodim06.png	WebP	30	0.6086832682291666	0.032105207443237305
kodim06.png	WebP	50	0.8669026692708334	0.0357508659362793
kodim06.png	WebP	70	1.1007486979166667	0.03732752799987793
kodim06.png	WebP	80	1.4347330729166667	0.0402073860168457
kodim06.png	WebP	90	2.339111328125	0.046098947525024414
kodim07.png	Ours (optimized)	10	1.0965983072916667	0.22062039375305176
kodim07.png	Ours (optimized)	15	0.9302571614583334	0.1910395622253418
kodim07.png	Ours (optimized)	20	0.7639973958333334	0.15871548652648926
kodim07.png	Ours (optimized)	30	0.4065348307291667	0.08385729789733887
kodim07.png	Ours (optimized)	45	0.10036214192708333	0.02399420738220215
kodim07.png	Ours (optimized)	70	0.0004069010416666667	0.004023313522338867
kodim07.png	Ours (optimized)	110	0.0004069010416666667	0.004194498062133789
kodim07.png	Ours (optimized)	150	0.0004069010416666667	0.0034933090209960938
kodim07.png	Standard QT	10	0.6144816080729166	0.2198336124420166
kodim07.png	Standard QT	15	0.51275634765625	0.18509221076965332
kodim07.png	Standard QT	20	0.4097696940104167	0.1514878273010254
kodim07.png	Standard QT	30	0.17506917317708334	0.0657355785369873
kodim07.png	Standard QT	45	0.0003458658854166667	0.004850864410400391
kodim07.png	Standard QT	70	0.0003458658854166667	0.003472566604614258
kodim07.png	Standard QT	110	0.0003458658854166667	0.0035126209259033203
kodim07.png	Standard QT	150	0.0003458658854166667	0.004038810729980469
kodim07.png	Standard QT (Interp)	10	1.0878092447916667	0.0
kodim07.png	Standard QT (Interp)	15	0.906494140625	0.0
kodim07.png	Standard QT (Interp)	20	0.72479248046875	0.0
kodim07.png	Standard QT (Interp)	30	0.3050944010416667	0.0
kodim07.png	Standard QT (Interp)	45	0.0004069010416666667	0.0
kodim07.png	Standard QT (Interp)	70	0.0004069010416666667	0.0
kodim07.png	Standard QT (Interp)	110	0.0004069010416666667	0.0
kodim07.png	Standard QT (Interp)	150	0.0004069010416666667	0.0
kodim07.png	Ours (Ablation-Blocks)	10	0.619384765625	0.0
kodim07.png	Ours (Ablation-Blocks)	15	0.5265909830729166	0.0
kodim07.png	Ours (Ablation-Blocks)	20	0.4316609700520833	0.0
kodim07.png	Ours (Ablation-Blocks)	30	0.23170979817708334	0.0
kodim07.png	Ours (Ablation-Blocks)	45	0.057413736979166664	0.0

kodim07.png	Ours (Ablation-Blocks)	70	0.0003458658854166667	0.0
kodim07.png	Ours (Ablation-Blocks)	110	0.0003458658854166667	0.0
kodim07.png	Ours (Ablation-Blocks)	150	0.0003458658854166667	0.0
kodim07.png	JPEG	5	0.22049967447916666	0.001142740249633789
kodim07.png	JPEG	10	0.310302734375	0.0010251998901367188
kodim07.png	JPEG	20	0.4541829427083333	0.0011165142059326172
kodim07.png	JPEG	30	0.5688680013020834	0.0011286735534667969
kodim07.png	JPEG	50	0.7590128580729166	0.0012083053588867188
kodim07.png	JPEG	70	1.01263427734375	0.0012824535369873047
kodim07.png	JPEG	80	1.2646891276041667	0.0013060569763183594
kodim07.png	JPEG	90	1.8694254557291667	0.0015447139739990234
kodim07.png	WebP	5	0.19608561197916666	0.02684783935546875
kodim07.png	WebP	10	0.23299153645833334	0.026773452758789062
kodim07.png	WebP	20	0.2982584635416667	0.028630733489990234
kodim07.png	WebP	30	0.3653971354166667	0.02903461456298828
kodim07.png	WebP	50	0.4932861328125	0.030956268310546875
kodim07.png	WebP	70	0.6193033854166666	0.03304791450500488
kodim07.png	WebP	80	0.7952880859375	0.03437685966491699
kodim07.png	WebP	90	1.2859293619791667	0.05110788345336914
kodim08.png	Ours (optimized)	10	1.726806640625	0.33922243118286133
kodim08.png	Ours (optimized)	15	1.6083170572916667	0.31370043754577637
kodim08.png	Ours (optimized)	20	1.49908447265625	0.2961385250091553
kodim08.png	Ours (optimized)	30	1.2594807942708333	0.24303054809570312
kodim08.png	Ours (optimized)	45	0.8570149739583334	0.1689746379852295
kodim08.png	Ours (optimized)	70	0.3019002278645833	0.060755252838134766
kodim08.png	Ours (optimized)	110	0.0004069010416666667	0.0048351287841796875
kodim08.png	Ours (optimized)	150	0.0004069010416666667	0.004713773727416992
kodim08.png	Standard QT	10	0.9764811197916666	0.3215212821960449
kodim08.png	Standard QT	15	0.8867390950520834	0.39340829849243164
kodim08.png	Standard QT	20	0.8021036783854166	0.2738938331604004
kodim08.png	Standard QT	30	0.64239501953125	0.21842598915100098
kodim08.png	Standard QT	45	0.38165283203125	0.13245320320129395
kodim08.png	Standard QT	70	0.0003458658854166667	0.006515026092529297
kodim08.png	Standard QT	110	0.0003458658854166667	0.003868579864501953
kodim08.png	Standard QT	150	0.0003458658854166667	0.0039806365966796875
kodim08.png	Standard QT (Interp)	10	1.7177327473958333	0.0
kodim08.png	Standard QT (Interp)	15	1.5541178385416667	0.0
kodim08.png	Standard QT (Interp)	20	1.4096272786458333	0.0
kodim08.png	Standard QT (Interp)	30	1.1302286783854167	0.0
kodim08.png	Standard QT (Interp)	45	0.66558837890625	0.0
kodim08.png	Standard QT (Interp)	70	0.0004069010416666667	0.0
kodim08.png	Standard QT (Interp)	110	0.0004069010416666667	0.0
kodim08.png	Standard QT (Interp)	150	0.0004069010416666667	0.0
kodim08.png	Ours (Ablation-Blocks)	10	0.98138427734375	0.0
kodim08.png	Ours (Ablation-Blocks)	15	0.9156697591145834	0.0
kodim08.png	Ours (Ablation-Blocks)	20	0.8533732096354166	0.0
kodim08.png	Ours (Ablation-Blocks)	30	0.7155354817708334	0.0
kodim08.png	Ours (Ablation-Blocks)	45	0.48931884765625	0.0
kodim08.png	Ours (Ablation-Blocks)	70	0.17026774088541666	0.0
kodim08.png	Ours (Ablation-Blocks)	110	0.0003458658854166667	0.0
kodim08.png	Ours (Ablation-Blocks)	150	0.0003458658854166667	0.0
kodim08.png	JPEG	5	0.34326171875	0.0011119842529296875
kodim08.png	JPEG	10	0.5213826497395834	0.0011777877807617188

kodim08.png	JPEG	20	0.8068440755208334	0.0013108253479003906
kodim08.png	JPEG	30	1.0419921875	0.0013294219970703125
kodim08.png	JPEG	50	1.40625	0.0013799667358398438
kodim08.png	JPEG	70	1.8863118489583333	0.0015170574188232422
kodim08.png	JPEG	80	2.3458455403645835	0.0016300678253173828
kodim08.png	JPEG	90	3.3676554361979165	0.0020976606658935547
kodim08.png	WebP	5	0.49560546875	0.032984256744384766
kodim08.png	WebP	10	0.6102701822916666	0.03366422653198242
kodim08.png	WebP	20	0.80517578125	0.03542065620422363
kodim08.png	WebP	30	0.9795328776041666	0.03836774826049805
kodim08.png	WebP	50	1.3004964192708333	0.03986358642578125
kodim08.png	WebP	70	1.6312255859375	0.043440818786621094
kodim08.png	WebP	80	2.0106201171875	0.045702457427978516
kodim08.png	WebP	90	3.0613199869791665	0.05324745178222656
kodim09.png	Ours (optimized)	10	1.0211588541666667	0.22374653816223145
kodim09.png	Ours (optimized)	15	0.9059244791666666	0.20325899124145508
kodim09.png	Ours (optimized)	20	0.7654825846354166	0.16951274871826172
kodim09.png	Ours (optimized)	30	0.6935017903645834	0.15184378623962402
kodim09.png	Ours (optimized)	45	0.6194254557291666	0.13581633567810059
kodim09.png	Ours (optimized)	70	0.5762736002604166	0.12742829322814941
kodim09.png	Ours (optimized)	110	0.4476318359375	0.09849405288696289
kodim09.png	Ours (optimized)	150	0.4134318033854167	0.08936643600463867
kodim09.png	Standard QT	10	0.44024658203125	0.16875553131103516
kodim09.png	Standard QT	15	0.34942626953125	0.13425660133361816
kodim09.png	Standard QT	20	0.23960367838541666	0.09808778762817383
kodim09.png	Standard QT	30	0.126708984375	0.1390058994293213
kodim09.png	Standard QT	45	0.0003458658854166667	0.004539966583251953
kodim09.png	Standard QT	70	0.0003458658854166667	0.003648996353149414
kodim09.png	Standard QT	110	0.0003458658854166667	0.003473043441772461
kodim09.png	Standard QT	150	0.0003458658854166667	0.0035104751586914062
kodim09.png	Standard QT (Interp)	10	0.78131103515625	0.0
kodim09.png	Standard QT (Interp)	15	0.62115478515625	0.0
kodim09.png	Standard QT (Interp)	20	0.4244384765625	0.0
kodim09.png	Standard QT (Interp)	30	0.224609375	0.0
kodim09.png	Standard QT (Interp)	45	0.0004069010416666667	0.0
kodim09.png	Standard QT (Interp)	70	0.0004069010416666667	0.0
kodim09.png	Standard QT (Interp)	110	0.0004069010416666667	0.0
kodim09.png	Standard QT (Interp)	150	0.0004069010416666667	0.0
kodim09.png	Ours (Ablation-Blocks)	10	0.5773518880208334	0.0
kodim09.png	Ours (Ablation-Blocks)	15	0.5124918619791666	0.0
kodim09.png	Ours (Ablation-Blocks)	20	0.4317830403645833	0.0
kodim09.png	Ours (Ablation-Blocks)	30	0.3920694986979167	0.0
kodim09.png	Ours (Ablation-Blocks)	45	0.34991455078125	0.0
kodim09.png	Ours (Ablation-Blocks)	70	0.3259073893229167	0.0
kodim09.png	Ours (Ablation-Blocks)	110	0.2526041666666667	0.0
kodim09.png	Ours (Ablation-Blocks)	150	0.23256429036458334	0.0
kodim09.png	JPEG	5	0.19775390625	0.0010790824890136719
kodim09.png	JPEG	10	0.2668863932291667	0.0010128021240234375
kodim09.png	JPEG	20	0.3787434895833333	0.001062154769897461
kodim09.png	JPEG	30	0.4718424479166667	0.0010914802551269531
kodim09.png	JPEG	50	0.6253662109375	0.0011279582977294922
kodim09.png	JPEG	70	0.8582967122395834	0.0012753009796142578
kodim09.png	JPEG	80	1.1167195638020833	0.0013265609741210938

kodim09.png	JPEG	90	1.7537638346354167	0.001493215560913086
kodim09.png	WebP	5	0.1456298828125	0.024868488311767578
kodim09.png	WebP	10	0.176025390625	0.02621150016784668
kodim09.png	WebP	20	0.23006184895833334	0.026650428771972656
kodim09.png	WebP	30	0.2847900390625	0.027561187744140625
kodim09.png	WebP	50	0.3920491536458333	0.029086589813232422
kodim09.png	WebP	70	0.503662109375	0.03143167495727539
kodim09.png	WebP	80	0.6712239583333334	0.03260326385498047
kodim09.png	WebP	90	1.3432210286458333	0.039881229400634766
kodim10.png	Ours (optimized)	10	0.8872477213541666	0.19067907333374023
kodim10.png	Ours (optimized)	15	0.6044718424479166	0.1286001205444336
kodim10.png	Ours (optimized)	20	0.4050089518229167	0.08670639991760254
kodim10.png	Ours (optimized)	30	0.2054443359375	0.04278421401977539
kodim10.png	Ours (optimized)	45	0.0004069010416666667	0.005719661712646484
kodim10.png	Ours (optimized)	70	0.0004069010416666667	0.003637552261352539
kodim10.png	Ours (optimized)	110	0.0004069010416666667	0.005073070526123047
kodim10.png	Ours (optimized)	150	0.0004069010416666667	0.005620718002319336
kodim10.png	Standard QT	10	0.5062662760416666	0.20578908920288086
kodim10.png	Standard QT	15	0.3411865234375	0.1297163963317871
kodim10.png	Standard QT	20	0.21982828776041666	0.08649325370788574
kodim10.png	Standard QT	30	0.0950927734375	0.036540985107421875
kodim10.png	Standard QT	45	0.0003458658854166667	0.004626274108886719
kodim10.png	Standard QT	70	0.0003458658854166667	0.0037207603454589844
kodim10.png	Standard QT	110	0.0003458658854166667	0.004915475845336914
kodim10.png	Standard QT	150	0.0003458658854166667	0.003439188003540039
kodim10.png	Standard QT (Interp)	10	0.8841959635416666	0.0
kodim10.png	Standard QT (Interp)	15	0.59515380859375	0.0
kodim10.png	Standard QT (Interp)	20	0.3829549153645833	0.0
kodim10.png	Standard QT (Interp)	30	0.16617838541666666	0.0
kodim10.png	Standard QT (Interp)	45	0.0004069010416666667	0.0
kodim10.png	Standard QT (Interp)	70	0.0004069010416666667	0.0
kodim10.png	Standard QT (Interp)	110	0.0004069010416666667	0.0
kodim10.png	Standard QT (Interp)	150	0.0004069010416666667	0.0
kodim10.png	Ours (Ablation-Blocks)	10	0.5084431966145834	0.0
kodim10.png	Ours (Ablation-Blocks)	15	0.346435546875	0.0
kodim10.png	Ours (Ablation-Blocks)	20	0.23282877604166666	0.0
kodim10.png	Ours (Ablation-Blocks)	30	0.11751302083333333	0.0
kodim10.png	Ours (Ablation-Blocks)	45	0.0003458658854166667	0.0
kodim10.png	Ours (Ablation-Blocks)	70	0.0003458658854166667	0.0
kodim10.png	Ours (Ablation-Blocks)	110	0.0003458658854166667	0.0
kodim10.png	Ours (Ablation-Blocks)	150	0.0003458658854166667	0.0
kodim10.png	JPEG	5	0.19706217447916666	0.0009884834289550781
kodim10.png	JPEG	10	0.2728271484375	0.0011188983917236328
kodim10.png	JPEG	20	0.4007364908854167	0.003108501434326172
kodim10.png	JPEG	30	0.5115966796875	0.0011818408966064453
kodim10.png	JPEG	50	0.6966959635416666	0.0018029212951660156
kodim10.png	JPEG	70	0.9590657552083334	0.0012769699096679688
kodim10.png	JPEG	80	1.2350667317708333	0.0013113021850585938
kodim10.png	JPEG	90	1.89715576171875	0.0015840530395507812
kodim10.png	WebP	5	0.1630859375	0.026762723922729492
kodim10.png	WebP	10	0.1986083984375	0.02670884132385254
kodim10.png	WebP	20	0.2679443359375	0.028136253356933594
kodim10.png	WebP	30	0.3295491536458333	0.02884054183959961

kodim10.png	WebP	50	0.4513753255208333	0.031792402267456055
kodim10.png	WebP	70	0.5913492838541666	0.033041954040527344
kodim10.png	WebP	80	0.7766927083333334	0.03495931625366211
kodim10.png	WebP	90	1.4803059895833333	0.04120135307312012
kodim11.png	Ours (optimized)	10	1.0470987955729167	0.2163553237915039
kodim11.png	Ours (optimized)	15	0.8221842447916666	0.1701352596282959
kodim11.png	Ours (optimized)	20	0.6592814127604166	0.13440728187561035
kodim11.png	Ours (optimized)	30	0.4290771484375	0.08942842483520508
kodim11.png	Ours (optimized)	45	0.24603271484375	0.05338478088378906
kodim11.png	Ours (optimized)	70	0.0004069010416666667	0.0044574737548828125
kodim11.png	Ours (optimized)	110	0.0004069010416666667	0.003469705581665039
kodim11.png	Ours (optimized)	150	0.0004069010416666667	0.003647327423095703
kodim11.png	Standard QT	10	0.5749715169270834	0.20372653007507324
kodim11.png	Standard QT	15	0.4376220703125	0.15488052368164062
kodim11.png	Standard QT	20	0.3302408854166667	0.12067103385925293
kodim11.png	Standard QT	30	0.17128499348958334	0.0606076717376709
kodim11.png	Standard QT	45	0.0003458658854166667	0.005716562271118164
kodim11.png	Standard QT	70	0.0003458658854166667	0.003663301467895508
kodim11.png	Standard QT	110	0.0003458658854166667	0.0037217140197753906
kodim11.png	Standard QT	150	0.0003458658854166667	0.003519296646118164
kodim11.png	Standard QT (Interp)	10	1.02203369140625	0.0
kodim11.png	Standard QT (Interp)	15	0.7776082356770834	0.0
kodim11.png	Standard QT (Interp)	20	0.5882975260416666	0.0
kodim11.png	Standard QT (Interp)	30	0.3054606119791667	0.0
kodim11.png	Standard QT (Interp)	45	0.0004069010416666667	0.0
kodim11.png	Standard QT (Interp)	70	0.0004069010416666667	0.0
kodim11.png	Standard QT (Interp)	110	0.0004069010416666667	0.0
kodim11.png	Standard QT (Interp)	150	0.0004069010416666667	0.0
kodim11.png	Ours (Ablation-Blocks)	10	0.58984375	0.0
kodim11.png	Ours (Ablation-Blocks)	15	0.4640299479166667	0.0
kodim11.png	Ours (Ablation-Blocks)	20	0.3717041015625	0.0
kodim11.png	Ours (Ablation-Blocks)	30	0.240234375	0.0
kodim11.png	Ours (Ablation-Blocks)	45	0.13873291015625	0.0
kodim11.png	Ours (Ablation-Blocks)	70	0.0003458658854166667	0.0
kodim11.png	Ours (Ablation-Blocks)	110	0.0003458658854166667	0.0
kodim11.png	Ours (Ablation-Blocks)	150	0.0003458658854166667	0.0
kodim11.png	JPEG	5	0.2164306640625	0.0009999275207519531
kodim11.png	JPEG	10	0.3156534830729167	0.0010399818420410156
kodim11.png	JPEG	20	0.5067545572916666	0.0011458396911621094
kodim11.png	JPEG	30	0.6707560221354166	0.0012412071228027344
kodim11.png	JPEG	50	0.9308268229166666	0.0012345314025878906
kodim11.png	JPEG	70	1.2748209635416667	0.0013699531555175781
kodim11.png	JPEG	80	1.6083577473958333	0.0014495849609375
kodim11.png	JPEG	90	2.3876749674479165	0.0016744136810302734
kodim11.png	WebP	5	0.21630859375	0.026674747467041016
kodim11.png	WebP	10	0.2798665364583333	0.027748823165893555
kodim11.png	WebP	20	0.3958740234375	0.029719829559326172
kodim11.png	WebP	30	0.5069173177083334	0.03140068054199219
kodim11.png	WebP	50	0.7343343098958334	0.033751487731933594
kodim11.png	WebP	70	0.9602864583333334	0.03665858525466918945
kodim11.png	WebP	80	1.2764485677083333	0.03883004188537598
kodim11.png	WebP	90	2.0853678385416665	0.04500246047973633
kodim12.png	Ours (optimized)	10	0.6998087565104166	0.31499314308166504

kodim12.png	Ours (optimized)	15	0.4961751302083333	0.10597753524780273
kodim12.png	Ours (optimized)	20	0.3843790690104167	0.07950401306152344
kodim12.png	Ours (optimized)	30	0.3029581705729167	0.059639692306518555
kodim12.png	Ours (optimized)	45	0.2544962565104167	0.05659818649291992
kodim12.png	Ours (optimized)	70	0.0004069010416666667	0.005733013153076172
kodim12.png	Ours (optimized)	110	0.0004069010416666667	0.004065275192260742
kodim12.png	Ours (optimized)	150	0.0004069010416666667	0.004789113998413086
kodim12.png	Standard QT	10	0.3697102864583333	0.13430094718933105
kodim12.png	Standard QT	15	0.24247233072916666	0.08594889776611328
kodim12.png	Standard QT	20	0.16538492838541666	0.05877113342285156
kodim12.png	Standard QT	30	0.08469645182291667	0.028655290603637695
kodim12.png	Standard QT	45	0.043314615885416664	0.016379356384277344
kodim12.png	Standard QT	70	0.0003458658854166667	0.003798246383666992
kodim12.png	Standard QT	110	0.0003458658854166667	0.004122495651245117
kodim12.png	Standard QT	150	0.0003458658854166667	0.0038268566131591797
kodim12.png	Standard QT (Interp)	10	0.6407877604166666	0.0
kodim12.png	Standard QT (Interp)	15	0.4153645833333333	0.0
kodim12.png	Standard QT (Interp)	20	0.2891642252604167	0.0
kodim12.png	Standard QT (Interp)	30	0.14668782552083334	0.0
kodim12.png	Standard QT (Interp)	45	0.07454427083333333	0.0
kodim12.png	Standard QT (Interp)	70	0.0004069010416666667	0.0
kodim12.png	Standard QT (Interp)	110	0.0004069010416666667	0.0
kodim12.png	Standard QT (Interp)	150	0.0004069010416666667	0.0
kodim12.png	Ours (Ablation-Blocks)	10	0.4025472005208333	0.0
kodim12.png	Ours (Ablation-Blocks)	15	0.2877400716145833	0.0
kodim12.png	Ours (Ablation-Blocks)	20	0.22001139322916666	0.0
kodim12.png	Ours (Ablation-Blocks)	30	0.17289225260416666	0.0
kodim12.png	Ours (Ablation-Blocks)	45	0.14501953125	0.0
kodim12.png	Ours (Ablation-Blocks)	70	0.0003458658854166667	0.0
kodim12.png	Ours (Ablation-Blocks)	110	0.0003458658854166667	0.0
kodim12.png	Ours (Ablation-Blocks)	150	0.0003458658854166667	0.0
kodim12.png	JPEG	5	0.17962646484375	0.0009679794311523438
kodim12.png	JPEG	10	0.23724365234375	0.0018429756164550781
kodim12.png	JPEG	20	0.36053466796875	0.0010843276977539062
kodim12.png	JPEG	30	0.4728597005208333	0.0012590885162353516
kodim12.png	JPEG	50	0.65838623046875	0.001210927963256836
kodim12.png	JPEG	70	0.9153849283854166	0.0012335777282714844
kodim12.png	JPEG	80	1.1654459635416667	0.0013489723205566406
kodim12.png	JPEG	90	1.782470703125	0.0014696121215820312
kodim12.png	WebP	5	0.11604817708333333	0.024160385131835938
kodim12.png	WebP	10	0.14823404947916666	0.02589893341064453
kodim12.png	WebP	20	0.21207682291666666	0.026725292205810547
kodim12.png	WebP	30	0.2720133463541667	0.02757883071899414
kodim12.png	WebP	50	0.3978271484375	0.03052973747253418
kodim12.png	WebP	70	0.5449625651041666	0.03173112869262695
kodim12.png	WebP	80	0.7454427083333334	0.035153865814208984
kodim12.png	WebP	90	1.3702392578125	0.04048562049865723
kodim13.png	Ours (optimized)	10	1.82550048828125	0.35529279708862305
kodim13.png	Ours (optimized)	15	1.5143839518229167	0.30152368545532227
kodim13.png	Ours (optimized)	20	1.1304728190104167	0.22614669799804688
kodim13.png	Ours (optimized)	30	0.7060139973958334	0.14679551124572754
kodim13.png	Ours (optimized)	45	0.23470052083333334	0.05049753189086914
kodim13.png	Ours (optimized)	70	0.0004069010416666667	0.00506281852722168

kodim13.png	Ours (optimized)	110	0.0004069010416666667	0.0036444664001464844
kodim13.png	Ours (optimized)	150	0.0004069010416666667	0.0035653114318847656
kodim13.png	Standard QT	10	1.0264689127604167	0.44447898864746094
kodim13.png	Standard QT	15	0.85614013671875	0.3093862533569336
kodim13.png	Standard QT	20	0.641357421875	0.23010706901550293
kodim13.png	Standard QT	30	0.40216064453125	0.14663481712341309
kodim13.png	Standard QT	45	0.13376871744791666	0.048058509826660156
kodim13.png	Standard QT	70	0.0003458658854166667	0.004568576812744141
kodim13.png	Standard QT	110	0.0003458658854166667	0.0036356449127197266
kodim13.png	Standard QT	150	0.0003458658854166667	0.003553152084350586
kodim13.png	Standard QT (Interp)	10	1.82550048828125	0.0
kodim13.png	Standard QT (Interp)	15	1.5143839518229167	0.0
kodim13.png	Standard QT (Interp)	20	1.1290690104166667	0.0
kodim13.png	Standard QT (Interp)	30	0.7046101888020834	0.0
kodim13.png	Standard QT (Interp)	45	0.23118082682291666	0.0
kodim13.png	Standard QT (Interp)	70	0.0004069010416666667	0.0
kodim13.png	Standard QT (Interp)	110	0.0004069010416666667	0.0
kodim13.png	Standard QT (Interp)	150	0.0004069010416666667	0.0
kodim13.png	Ours (Ablation-Blocks)	10	1.0264689127604167	0.0
kodim13.png	Ours (Ablation-Blocks)	15	0.85614013671875	0.0
kodim13.png	Ours (Ablation-Blocks)	20	0.6421915690104166	0.0
kodim13.png	Ours (Ablation-Blocks)	30	0.403076171875	0.0
kodim13.png	Ours (Ablation-Blocks)	45	0.13559977213541666	0.0
kodim13.png	Ours (Ablation-Blocks)	70	0.0003458658854166667	0.0
kodim13.png	Ours (Ablation-Blocks)	110	0.0003458658854166667	0.0
kodim13.png	Ours (Ablation-Blocks)	150	0.0003458658854166667	0.0
kodim13.png	JPEG	5	0.2945556640625	0.0010759830474853516
kodim13.png	JPEG	10	0.5034586588541666	0.0011830329895019531
kodim13.png	JPEG	20	0.8360188802083334	0.0013191699981689453
kodim13.png	JPEG	30	1.1055094401041667	0.0014216899871826172
kodim13.png	JPEG	50	1.5330607096354167	0.0015769004821777344
kodim13.png	JPEG	70	2.1017049153645835	0.0017848014831542969
kodim13.png	JPEG	80	2.6543172200520835	0.002160310745239258
kodim13.png	JPEG	90	3.8253580729166665	0.002367734909057617
kodim13.png	WebP	5	0.534423828125	0.03251004219055176
kodim13.png	WebP	10	0.699462890625	0.03439640998840332
kodim13.png	WebP	20	0.9892578125	0.03754162788391113
kodim13.png	WebP	30	1.2303059895833333	0.04035210609436035
kodim13.png	WebP	50	1.6765950520833333	0.044378042221069336
kodim13.png	WebP	70	2.0944417317708335	0.04692196846008301
kodim13.png	WebP	80	2.5469563802083335	0.04996514320373535
kodim13.png	WebP	90	3.6529947916666665	0.05571293830871582
kodim14.png	Ours (optimized)	10	1.5634765625	0.3230702877044678
kodim14.png	Ours (optimized)	15	1.2635701497395833	0.24621248245239258
kodim14.png	Ours (optimized)	20	1.0100911458333333	0.19336271286010742
kodim14.png	Ours (optimized)	30	0.77264404296875	0.14660382270812988
kodim14.png	Ours (optimized)	45	0.73809814453125	0.1417865753173828
kodim14.png	Ours (optimized)	70	0.6552734375	0.12344956398010254
kodim14.png	Ours (optimized)	110	0.6412353515625	0.1207420825958252
kodim14.png	Ours (optimized)	150	0.5977376302083334	0.11467766761779785
kodim14.png	Standard QT	10	0.818359375	0.28513240814208984
kodim14.png	Standard QT	15	0.61993408203125	0.21560406684875488
kodim14.png	Standard QT	20	0.4362996419270833	0.23668599128723145

kodim14.png	Standard QT	30	0.20066324869791666	0.07114648818969727
kodim14.png	Standard QT	45	0.053385416666666664	0.0212399959564209
kodim14.png	Standard QT	70	0.0003458658854166667	0.004004240036010742
kodim14.png	Standard QT	110	0.0003458658854166667	0.003412008285522461
kodim14.png	Standard QT	150	0.0003458658854166667	0.0034444332122802734
kodim14.png	Standard QT (Interp)	10	1.4690348307291667	0.0
kodim14.png	Standard QT (Interp)	15	1.1079508463541667	0.0
kodim14.png	Standard QT (Interp)	20	0.77716064453125	0.0
kodim14.png	Standard QT (Interp)	30	0.36297607421875	0.0
kodim14.png	Standard QT (Interp)	45	0.09592692057291667	0.0
kodim14.png	Standard QT (Interp)	70	0.0004069010416666667	0.0
kodim14.png	Standard QT (Interp)	110	0.0004069010416666667	0.0
kodim14.png	Standard QT (Interp)	150	0.0004069010416666667	0.0
kodim14.png	Ours (Ablation-Blocks)	10	0.8741861979166666	0.0
kodim14.png	Ours (Ablation-Blocks)	15	0.7082926432291666	0.0
kodim14.png	Ours (Ablation-Blocks)	20	0.5649820963541666	0.0
kodim14.png	Ours (Ablation-Blocks)	30	0.4317220052083333	0.0
kodim14.png	Ours (Ablation-Blocks)	45	0.4124552408854167	0.0
kodim14.png	Ours (Ablation-Blocks)	70	0.3667399088541667	0.0
kodim14.png	Ours (Ablation-Blocks)	110	0.3585001627604167	0.0
kodim14.png	Ours (Ablation-Blocks)	150	0.3326009114583333	0.0
kodim14.png	JPEG	5	0.23642985026041666	0.0011734962463378906
kodim14.png	JPEG	10	0.3772176106770833	0.0010714530944824219
kodim14.png	JPEG	20	0.6292928059895834	0.0011687278747558594
kodim14.png	JPEG	30	0.8267618815104166	0.0013358592987060547
kodim14.png	JPEG	50	1.1468709309895833	0.0013928413391113281
kodim14.png	JPEG	70	1.5634562174479167	0.002036571502685547
kodim14.png	JPEG	80	1.97015380859375	0.0023314952850341797
kodim14.png	JPEG	90	2.90643310546875	0.001840353012084961
kodim14.png	WebP	5	0.3058268229166667	0.02945423126220703
kodim14.png	WebP	10	0.3919270833333333	0.030712604522705078
kodim14.png	WebP	20	0.5418701171875	0.03517961502075195
kodim14.png	WebP	30	0.691650390625	0.035207509994506836
kodim14.png	WebP	50	0.984375	0.03725767135620117
kodim14.png	WebP	70	1.2667643229166667	0.04163050651550293
kodim14.png	WebP	80	1.6614990234375	0.04386401176452637
kodim14.png	WebP	90	2.6199544270833335	0.05060887336730957
kodim15.png	Ours (optimized)	10	1.2291056315104167	0.34487080574035645
kodim15.png	Ours (optimized)	15	1.1388753255208333	0.24137520790100098
kodim15.png	Ours (optimized)	20	1.0821533203125	0.23359370231628418
kodim15.png	Ours (optimized)	30	0.9805094401041666	0.20952415466308594
kodim15.png	Ours (optimized)	45	0.9510091145833334	0.19944405555725098
kodim15.png	Ours (optimized)	70	0.8810831705729166	0.1881389617919922
kodim15.png	Ours (optimized)	110	0.8551228841145834	0.18125224113464355
kodim15.png	Ours (optimized)	150	0.845947265625	0.1840369701385498
kodim15.png	Standard QT	10	0.4472859700520833	0.15766429901123047
kodim15.png	Standard QT	15	0.33209228515625	0.11902070045471191
kodim15.png	Standard QT	20	0.2595621744791667	0.09582185745239258
kodim15.png	Standard QT	30	0.15622965494791666	0.05766153335571289
kodim15.png	Standard QT	45	0.09537760416666667	0.03385210037231445
kodim15.png	Standard QT	70	0.021138509114583332	0.010632514953613281
kodim15.png	Standard QT	110	0.0003458658854166667	0.0037145614624023438
kodim15.png	Standard QT	150	0.0003458658854166667	0.0046269893646240234

kodim15.png	Standard QT (Interp)	10 0.793212890625	0.0
kodim15.png	Standard QT (Interp)	15 0.5831705729166666	0.0
kodim15.png	Standard QT (Interp)	20 0.45330810546875	0.0
kodim15.png	Standard QT (Interp)	30 0.26922607421875	0.0
kodim15.png	Standard QT (Interp)	45 0.16233317057291666	0.0
kodim15.png	Standard QT (Interp)	70 0.033060709635416664	0.0
kodim15.png	Standard QT (Interp)	110 0.0004069010416666667	0.0
kodim15.png	Standard QT (Interp)	150 0.0004069010416666667	0.0
kodim15.png	Ours (Ablation-Blocks)	10 0.68865966796875	0.0
kodim15.png	Ours (Ablation-Blocks)	15 0.64068603515625	0.0
kodim15.png	Ours (Ablation-Blocks)	20 0.60980224609375	0.0
kodim15.png	Ours (Ablation-Blocks)	30 0.5536295572916666	0.0
kodim15.png	Ours (Ablation-Blocks)	45 0.53656005859375	0.0
kodim15.png	Ours (Ablation-Blocks)	70 0.4969482421875	0.0
kodim15.png	Ours (Ablation-Blocks)	110 0.4818115234375	0.0
kodim15.png	Ours (Ablation-Blocks)	150 0.4762776692708333	0.0
kodim15.png	JPEG	5 0.19447835286458334	0.0009760856628417969
kodim15.png	JPEG	10 0.2589518229166667	0.0012938976287841797
kodim15.png	JPEG	20 0.38592529296875	0.001138925552368164
kodim15.png	JPEG	30 0.4991251627604167	0.0012905597686767578
kodim15.png	JPEG	50 0.6911417643229166	0.0011620521545410156
kodim15.png	JPEG	70 0.9596354166666666	0.00164890289306640625
kodim15.png	JPEG	80 1.232177734375	0.00155735015869140625
kodim15.png	JPEG	90 1.8995564778645833	0.0017271041870117188
kodim15.png	WebP	5 0.13285319010416666	0.02470874786376953
kodim15.png	WebP	10 0.168212890625	0.025465726852416992
kodim15.png	WebP	20 0.23441569010416666	0.027742624282836914
kodim15.png	WebP	30 0.3118896484375	0.028342247009277344
kodim15.png	WebP	50 0.4592692057291667	0.0311105756759643555
kodim15.png	WebP	70 0.6214192708333334	0.03248906135559082
kodim15.png	WebP	80 0.8555908203125	0.03477787971496582
kodim15.png	WebP	90 1.5121663411458333	0.04010915756225586
kodim16.png	Ours (optimized)	10 0.8800048828125	0.19710326194763184
kodim16.png	Ours (optimized)	15 0.5621337890625	0.1301887035369873
kodim16.png	Ours (optimized)	20 0.3333536783854167	0.07277750968933105
kodim16.png	Ours (optimized)	30 0.16410319010416666	0.0362701416015625
kodim16.png	Ours (optimized)	45 0.06514485677083333	0.015787601470947266
kodim16.png	Ours (optimized)	70 0.0004069010416666667	0.004137992858886719
kodim16.png	Ours (optimized)	110 0.0004069010416666667	0.004010677337646484
kodim16.png	Ours (optimized)	150 0.0004069010416666667	0.0035877227783203125
kodim16.png	Standard QT	10 0.50067138671875	0.1885051727294922
kodim16.png	Standard QT	15 0.3106689453125	0.11799740791320801
kodim16.png	Standard QT	20 0.16544596354166666	0.06089925765991211
kodim16.png	Standard QT	30 0.049418131510416664	0.02030634880065918
kodim16.png	Standard QT	45 0.0003458658854166667	0.003946065902709961
kodim16.png	Standard QT	70 0.0003458658854166667	0.004351615905761719
kodim16.png	Standard QT	110 0.0003458658854166667	0.0038182735443115234
kodim16.png	Standard QT	150 0.0003458658854166667	0.0044252872467041016
kodim16.png	Standard QT (Interp)	10 0.8741251627604166	0.0
kodim16.png	Standard QT (Interp)	15 0.5396321614583334	0.0
kodim16.png	Standard QT (Interp)	20 0.2871297200520833	0.0
kodim16.png	Standard QT (Interp)	30 0.08457438151041667	0.0
kodim16.png	Standard QT (Interp)	45 0.0004069010416666667	0.0

kodim16.png	Standard QT (Interp)	70	0.0004069010416666667	0.0
kodim16.png	Standard QT (Interp)	110	0.0004069010416666667	0.0
kodim16.png	Standard QT (Interp)	150	0.0004069010416666667	0.0
kodim16.png	Ours (Ablation-Blocks)	10	0.5041300455729166	0.0
kodim16.png	Ours (Ablation-Blocks)	15	0.3240152994791667	0.0
kodim16.png	Ours (Ablation-Blocks)	20	0.19163004557291666	0.0
kodim16.png	Ours (Ablation-Blocks)	30	0.0947265625	0.0
kodim16.png	Ours (Ablation-Blocks)	45	0.037638346354166664	0.0
kodim16.png	Ours (Ablation-Blocks)	70	0.0003458658854166667	0.0
kodim16.png	Ours (Ablation-Blocks)	110	0.0003458658854166667	0.0
kodim16.png	Ours (Ablation-Blocks)	150	0.0003458658854166667	0.0
kodim16.png	JPEG	5	0.18068440755208334	0.0009865760803222656
kodim16.png	JPEG	10	0.2655436197916667	0.0010883808135986328
kodim16.png	JPEG	20	0.4272257486979167	0.0010795593261718750
kodim16.png	JPEG	30	0.5585530598958334	0.0013113021850585938
kodim16.png	JPEG	50	0.7748819986979166	0.0011878013610839844
kodim16.png	JPEG	70	1.055419921875	0.0012941360473632812
kodim16.png	JPEG	80	1.33367919921875	0.0013566017150878906
kodim16.png	JPEG	90	2.0115559895833335	0.0015459060668945312
kodim16.png	WebP	5	0.15604654947916666	0.025783061981201172
kodim16.png	WebP	10	0.20638020833333334	0.026636362075805664
kodim16.png	WebP	20	0.2998453776041667	0.028521299362182617
kodim16.png	WebP	30	0.3887125651041667	0.029870986938476562
kodim16.png	WebP	50	0.5649820963541666	0.03219151496887207
kodim16.png	WebP	70	0.752685546875	0.03435373306274414
kodim16.png	WebP	80	1.0055338541666667	0.03715801239013672
kodim16.png	WebP	90	1.6395670572916667	0.041887521743774414
kodim17.png	Ours (optimized)	10	1.2898966471354167	0.2704465389251709
kodim17.png	Ours (optimized)	15	1.21240234375	0.2597339153289795
kodim17.png	Ours (optimized)	20	1.1187744140625	0.23790478706359863
kodim17.png	Ours (optimized)	30	1.0415445963541667	0.22414302825927734
kodim17.png	Ours (optimized)	45	0.9889933268229166	0.21604108810424805
kodim17.png	Ours (optimized)	70	0.95721435546875	0.213911771774292
kodim17.png	Ours (optimized)	110	0.8901570638020834	0.20824384689331055
kodim17.png	Ours (optimized)	150	0.8253173828125	0.36588335037231445
kodim17.png	Standard QT	10	0.574462890625	0.21333050727844238
kodim17.png	Standard QT	15	0.42657470703125	0.16007399559020996
kodim17.png	Standard QT	20	0.28863525390625	0.1068887710571289
kodim17.png	Standard QT	30	0.11781819661458333	0.042914628982543945
kodim17.png	Standard QT	45	0.017130533854166668	0.009272098541259766
kodim17.png	Standard QT	70	0.0003458658854166667	0.0043375492095947266
kodim17.png	Standard QT	110	0.0003458658854166667	0.004029989242553711
kodim17.png	Standard QT	150	0.0003458658854166667	0.004736900329589844
kodim17.png	Standard QT (Interp)	10	1.0127156575520833	0.0
kodim17.png	Standard QT (Interp)	15	0.7534586588541666	0.0
kodim17.png	Standard QT (Interp)	20	0.5106404622395834	0.0
kodim17.png	Standard QT (Interp)	30	0.20770263671875	0.0
kodim17.png	Standard QT (Interp)	45	0.029052734375	0.0
kodim17.png	Standard QT (Interp)	70	0.0003662109375	0.0
kodim17.png	Standard QT (Interp)	110	0.0003662109375	0.0
kodim17.png	Standard QT (Interp)	150	0.0003662109375	0.0
kodim17.png	Ours (Ablation-Blocks)	10	0.7280680338541666	0.0
kodim17.png	Ours (Ablation-Blocks)	15	0.6832275390625	0.0

kodim17.png	Ours (Ablation-Blocks)	20	0.6287841796875	0.0
kodim17.png	Ours (Ablation-Blocks)	30	0.5857950846354166	0.0
kodim17.png	Ours (Ablation-Blocks)	45	0.55621337890625	0.0
kodim17.png	Ours (Ablation-Blocks)	70	0.5386555989583334	0.0
kodim17.png	Ours (Ablation-Blocks)	110	0.5026448567708334	0.0
kodim17.png	Ours (Ablation-Blocks)	150	0.4640706380208333	0.0
kodim17.png	JPEG	5	0.20558675130208334	0.0009872913360595703
kodim17.png	JPEG	10	0.28839111328125	0.0013113021850585938
kodim17.png	JPEG	20	0.4365234375	0.0011174678802490234
kodim17.png	JPEG	30	0.5628662109375	0.0011353492736816406
kodim17.png	JPEG	50	0.7665812174479166	0.00122833251953125
kodim17.png	JPEG	70	1.0485432942708333	0.001291513442993164
kodim17.png	JPEG	80	1.3319498697916667	0.0013649463653564453
kodim17.png	JPEG	90	2.0185953776041665	0.0015037059783935547
kodim17.png	WebP	5	0.18098958333333334	0.026858556819152832
kodim17.png	WebP	10	0.2205810546875	0.02692699432373047
kodim17.png	WebP	20	0.2982991536458333	0.02855205535888672
kodim17.png	WebP	30	0.3697102864583333	0.029896974563598633
kodim17.png	WebP	50	0.5078125	0.03170967102050781
kodim17.png	WebP	70	0.6737467447916666	0.03453660011291504
kodim17.png	WebP	80	0.8966471354166666	0.03657174110412598
kodim17.png	WebP	90	1.5756429036458333	0.042662620544433594
kodim18.png	Ours (optimized)	10	1.60052490234375	0.32228779792785645
kodim18.png	Ours (optimized)	15	1.35687255859375	0.2785673141479492
kodim18.png	Ours (optimized)	20	1.0210367838541667	0.20885443687438965
kodim18.png	Ours (optimized)	30	0.65966796875	0.14242315292358398
kodim18.png	Ours (optimized)	45	0.4827880859375	0.10744714736938477
kodim18.png	Ours (optimized)	70	0.3902180989583333	0.09284281730651855
kodim18.png	Ours (optimized)	110	0.0004069010416666667	0.005455732345581055
kodim18.png	Ours (optimized)	150	0.0004069010416666667	0.0036897659301757812
kodim18.png	Standard QT	10	0.7880045572916666	0.29206085205078125
kodim18.png	Standard QT	15	0.6081746419270834	0.21593618392944336
kodim18.png	Standard QT	20	0.3881632486979167	0.1363849639892578
kodim18.png	Standard QT	30	0.1678466796875	0.060028076171875
kodim18.png	Standard QT	45	0.0003458658854166667	0.005112648010253906
kodim18.png	Standard QT	70	0.0003458658854166667	0.004229068756103516
kodim18.png	Standard QT	110	0.0003458658854166667	0.003734588623046875
kodim18.png	Standard QT	150	0.0003458658854166667	0.0037512779235839844
kodim18.png	Standard QT (Interp)	10	1.4206136067708333	0.0
kodim18.png	Standard QT (Interp)	15	1.0980021158854167	0.0
kodim18.png	Standard QT (Interp)	20	0.6964111328125	0.0
kodim18.png	Standard QT (Interp)	30	0.3003946940104167	0.0
kodim18.png	Standard QT (Interp)	45	0.0004069010416666667	0.0
kodim18.png	Standard QT (Interp)	70	0.0004069010416666667	0.0
kodim18.png	Standard QT (Interp)	110	0.0004069010416666667	0.0
kodim18.png	Standard QT (Interp)	150	0.0004069010416666667	0.0
kodim18.png	Ours (Ablation-Blocks)	10	0.88812255859375	0.0
kodim18.png	Ours (Ablation-Blocks)	15	0.7496337890625	0.0
kodim18.png	Ours (Ablation-Blocks)	20	0.5654296875	0.0
kodim18.png	Ours (Ablation-Blocks)	30	0.3655598958333333	0.0
kodim18.png	Ours (Ablation-Blocks)	45	0.2666422526041667	0.0
kodim18.png	Ours (Ablation-Blocks)	70	0.21588134765625	0.0
kodim18.png	Ours (Ablation-Blocks)	110	0.0003458658854166667	0.0

kodim18.png	Ours (Ablation-Blocks)	150	0.0003458658854166667	0.0
kodim18.png	JPEG	5	0.23232014973958334	0.0010356903076171875
kodim18.png	JPEG	10	0.3756306966145833	0.0010993480682373047
kodim18.png	JPEG	20	0.6057332356770834	0.001188516616821289
kodim18.png	JPEG	30	0.7958780924479166	0.0012636184692382812
kodim18.png	JPEG	50	1.10455322265625	0.001310110092163086
kodim18.png	JPEG	70	1.5243733723958333	0.0014109611511230469
kodim18.png	JPEG	80	1.939697265625	0.0015170574188232422
kodim18.png	JPEG	90	2.8708699544270835	0.0017361640930175781
kodim18.png	WebP	5	0.3125406901041667	0.02972555160522461
kodim18.png	WebP	10	0.3985188802083333	0.03172492980957031
kodim18.png	WebP	20	0.5469970703125	0.03302264213562012
kodim18.png	WebP	30	0.6914469401041666	0.03493547439575195
kodim18.png	WebP	50	0.9882405598958334	0.03827929496765137
kodim18.png	WebP	70	1.2693684895833333	0.039279937744140625
kodim18.png	WebP	80	1.6814371744791667	0.04244279861450195
kodim18.png	WebP	90	2.8587239583333335	0.05097246170043945
kodim19.png	Ours (optimized)	10	1.1370849609375	0.2336883544921875
kodim19.png	Ours (optimized)	15	0.79608154296875	0.16379427909851074
kodim19.png	Ours (optimized)	20	0.74420166015625	0.14900851249694824
kodim19.png	Ours (optimized)	30	0.6573282877604166	0.13628101348876953
kodim19.png	Ours (optimized)	45	0.58837890625	0.1171574592590332
kodim19.png	Ours (optimized)	70	0.5476277669270834	0.11437821388244629
kodim19.png	Ours (optimized)	110	0.4898885091145833	0.10257959365844727
kodim19.png	Ours (optimized)	150	0.3288167317708333	0.1613166332244873
kodim19.png	Standard QT	10	0.6027628580729166	0.21707463264465332
kodim19.png	Standard QT	15	0.3853556315104167	0.13554883003234863
kodim19.png	Standard QT	20	0.3205159505208333	0.1114509105682373
kodim19.png	Standard QT	30	0.23885091145833334	0.08326458930969238
kodim19.png	Standard QT	45	0.10306803385416667	0.03665733337402344
kodim19.png	Standard QT	70	0.0003458658854166667	0.004783153533935547
kodim19.png	Standard QT	110	0.0003458658854166667	0.003728151321411133
kodim19.png	Standard QT	150	0.0003458658854166667	0.0034236907958984375
kodim19.png	Standard QT (Interp)	10	1.0589396158854167	0.0
kodim19.png	Standard QT (Interp)	15	0.6736043294270834	0.0
kodim19.png	Standard QT (Interp)	20	0.5616048177083334	0.0
kodim19.png	Standard QT (Interp)	30	0.4180094401041667	0.0
kodim19.png	Standard QT (Interp)	45	0.18033854166666666	0.0
kodim19.png	Standard QT (Interp)	70	0.0004069010416666667	0.0
kodim19.png	Standard QT (Interp)	110	0.0004069010416666667	0.0
kodim19.png	Standard QT (Interp)	150	0.0004069010416666667	0.0
kodim19.png	Ours (Ablation-Blocks)	10	0.6436767578125	0.0
kodim19.png	Ours (Ablation-Blocks)	15	0.4550577799479167	0.0
kodim19.png	Ours (Ablation-Blocks)	20	0.426025390625	0.0
kodim19.png	Ours (Ablation-Blocks)	30	0.3763020833333333	0.0
kodim19.png	Ours (Ablation-Blocks)	45	0.3366495768229167	0.0
kodim19.png	Ours (Ablation-Blocks)	70	0.3132120768229167	0.0
kodim19.png	Ours (Ablation-Blocks)	110	0.28009033203125	0.0
kodim19.png	Ours (Ablation-Blocks)	150	0.18792724609375	0.0
kodim19.png	JPEG	5	0.21913655598958334	0.0010750293731689453
kodim19.png	JPEG	10	0.3100992838541667	0.001058340072631836
kodim19.png	JPEG	20	0.4819539388020833	0.0011126995086669922
kodim19.png	JPEG	30	0.6289469401041666	0.0012025833129882812

kodim19.png	JPEG	50	0.8653971354166666	0.0016591548919677734
kodim19.png	JPEG	70	1.1845703125	0.0013158321380615234
kodim19.png	JPEG	80	1.5175984700520833	0.0014619827270507812
kodim19.png	JPEG	90	2.3099772135416665	0.0016009807586669922
kodim19.png	WebP	5	0.20320638020833334	0.026323556900024414
kodim19.png	WebP	10	0.2569580078125	0.027479887008666992
kodim19.png	WebP	20	0.34912109375	0.0289304256439209
kodim19.png	WebP	30	0.44921875	0.03223991394042969
kodim19.png	WebP	50	0.6592203776041666	0.0344853401184082
kodim19.png	WebP	70	0.8754475911458334	0.0375211238861084
kodim19.png	WebP	80	1.1678059895833333	0.040358543395996094
kodim19.png	WebP	90	2.0772298177083335	0.047120094299316406
kodim20.png	Ours (optimized)	10	0.85516357421875	0.1869642734527588
kodim20.png	Ours (optimized)	15	0.6692301432291666	0.2418384552001953
kodim20.png	Ours (optimized)	20	0.6139729817708334	0.13529753684997559
kodim20.png	Ours (optimized)	30	0.5442301432291666	0.11885571479797363
kodim20.png	Ours (optimized)	45	0.4926961263020833	0.10716581344604492
kodim20.png	Ours (optimized)	70	0.4632975260416667	0.10125494003295898
kodim20.png	Ours (optimized)	110	0.3798014322916667	0.08430886268615723
kodim20.png	Ours (optimized)	150	0.3345947265625	0.07607913017272949
kodim20.png	Standard QT	10	0.4154052734375	0.1628248691558838
kodim20.png	Standard QT	15	0.2803751627604167	0.10743403434753418
kodim20.png	Standard QT	20	0.2249755859375	0.08530402183532715
kodim20.png	Standard QT	30	0.14906819661458334	0.05721712112426758
kodim20.png	Standard QT	45	0.0733642578125	0.02790236473083496
kodim20.png	Standard QT	70	0.004903157552083333	0.005652666091918945
kodim20.png	Standard QT	110	0.0003458658854166667	0.0037381649017333984
kodim20.png	Standard QT	150	0.0003458658854166667	0.0037336349487304688
kodim20.png	Standard QT (Interp)	10	0.73114013671875	0.0
kodim20.png	Standard QT (Interp)	15	0.49066162109375	0.0
kodim20.png	Standard QT (Interp)	20	0.3949381510416667	0.0
kodim20.png	Standard QT (Interp)	30	0.2602742513020833	0.0
kodim20.png	Standard QT (Interp)	45	0.12784830729166666	0.0
kodim20.png	Standard QT (Interp)	70	0.007486979166666667	0.0
kodim20.png	Standard QT (Interp)	110	0.0004069010416666667	0.0
kodim20.png	Standard QT (Interp)	150	0.0004069010416666667	0.0
kodim20.png	Ours (Ablation-Blocks)	10	0.48577880859375	0.0
kodim20.png	Ours (Ablation-Blocks)	15	0.379638671875	0.0
kodim20.png	Ours (Ablation-Blocks)	20	0.3480224609375	0.0
kodim20.png	Ours (Ablation-Blocks)	30	0.3095296223958333	0.0
kodim20.png	Ours (Ablation-Blocks)	45	0.2800496419270833	0.0
kodim20.png	Ours (Ablation-Blocks)	70	0.2629801432291667	0.0
kodim20.png	Ours (Ablation-Blocks)	110	0.21575927734375	0.0
kodim20.png	Ours (Ablation-Blocks)	150	0.19051106770833334	0.0
kodim20.png	JPEG	5	0.1947021484375	0.0010154247283935547
kodim20.png	JPEG	10	0.2578125	0.0012929439544677734
kodim20.png	JPEG	20	0.37176513671875	0.0010371208190917969
kodim20.png	JPEG	30	0.4676310221354167	0.0011165142059326172
kodim20.png	JPEG	50	0.62060546875	0.0011348724365234375
kodim20.png	JPEG	70	0.8363037109375	0.0011820793151855469
kodim20.png	JPEG	80	1.0565185546875	0.0013217926025390625
kodim20.png	JPEG	90	1.5994059244791667	0.0014338493347167969
kodim20.png	WebP	5	0.13492838541666666	0.023746490478515625

kodim20.png	WebP	10	0.16483561197916666	0.02570796012878418
kodim20.png	WebP	20	0.221923828125	0.02390909194946289
kodim20.png	WebP	30	0.2799886067708333	0.025205135345458984
kodim20.png	WebP	50	0.4130045572916667	0.02725815773010254
kodim20.png	WebP	70	0.5452473958333334	0.030270814895629883
kodim20.png	WebP	80	0.7179361979166666	0.03232622146606445
kodim20.png	WebP	90	1.2375081380208333	0.036988258361816406
kodim21.png	Ours (optimized)	10	1.0093180338541667	0.20438241958618164
kodim21.png	Ours (optimized)	15	0.91937255859375	0.19452524185180664
kodim21.png	Ours (optimized)	20	0.8177490234375	0.1699213981628418
kodim21.png	Ours (optimized)	30	0.5964762369791666	0.11927008628845215
kodim21.png	Ours (optimized)	45	0.4050699869791667	0.0850987434387207
kodim21.png	Ours (optimized)	70	0.3499959309895833	0.07126641273498535
kodim21.png	Ours (optimized)	110	0.0004069010416666667	0.0061681270599365234
kodim21.png	Ours (optimized)	150	0.0004069010416666667	0.003426790237426758
kodim21.png	Standard QT	10	0.54620361328125	0.20258760452270508
kodim21.png	Standard QT	15	0.48577880859375	0.27796077728271484
kodim21.png	Standard QT	20	0.41217041015625	0.1526930332183838
kodim21.png	Standard QT	30	0.24648030598958334	0.0932612419128418
kodim21.png	Standard QT	45	0.0003458658854166667	0.006076812744140625
kodim21.png	Standard QT	70	0.0003458658854166667	0.0033979415893554688
kodim21.png	Standard QT	110	0.0003458658854166667	0.0034198760986328125
kodim21.png	Standard QT	150	0.0003458658854166667	0.005704164505004883
kodim21.png	Standard QT (Interp)	10	0.9662272135416666	0.0
kodim21.png	Standard QT (Interp)	15	0.85888671875	0.0
kodim21.png	Standard QT (Interp)	20	0.73065185546875	0.0
kodim21.png	Standard QT (Interp)	30	0.44000244140625	0.0
kodim21.png	Standard QT (Interp)	45	0.0004069010416666667	0.0
kodim21.png	Standard QT (Interp)	70	0.0004069010416666667	0.0
kodim21.png	Standard QT (Interp)	110	0.0004069010416666667	0.0
kodim21.png	Standard QT (Interp)	150	0.0004069010416666667	0.0
kodim21.png	Ours (Ablation-Blocks)	10	0.5688883463541666	0.0
kodim21.png	Ours (Ablation-Blocks)	15	0.518798828125	0.0
kodim21.png	Ours (Ablation-Blocks)	20	0.4605509440104167	0.0
kodim21.png	Ours (Ablation-Blocks)	30	0.3336995442708333	0.0
kodim21.png	Ours (Ablation-Blocks)	45	0.22739664713541666	0.0
kodim21.png	Ours (Ablation-Blocks)	70	0.1966552734375	0.0
kodim21.png	Ours (Ablation-Blocks)	110	0.0003458658854166667	0.0
kodim21.png	Ours (Ablation-Blocks)	150	0.0003458658854166667	0.0
kodim21.png	JPEG	5	0.22652180989583334	0.0010230541229248047
kodim21.png	JPEG	10	0.3354695638020833	0.0010530948638916016
kodim21.png	JPEG	20	0.50958251953125	0.0011210441589355469
kodim21.png	JPEG	30	0.6465047200520834	0.0011870861053466797
kodim21.png	JPEG	50	0.8723551432291666	0.0012345314025878906
kodim21.png	JPEG	70	1.1980183919270833	0.0013344287872314453
kodim21.png	JPEG	80	1.53826904296875	0.0014340877532958984
kodim21.png	JPEG	90	2.3531901041666665	0.0016431808471679688
kodim21.png	WebP	5	0.239990234375	0.02790093421936035
kodim21.png	WebP	10	0.2976481119791667	0.02827167510986328
kodim21.png	WebP	20	0.4035237630208333	0.02972888946533203
kodim21.png	WebP	30	0.5011393229166666	0.031223535537719727
kodim21.png	WebP	50	0.71923828125	0.03347659111022949
kodim21.png	WebP	70	0.9166666666666666	0.03531622886657715

kodim21.png	WebP	80	1.1892496744791667	0.03885817527770996
kodim21.png	WebP	90	2.1114501953125	0.04641556739807129
kodim22.png	Ours (optimized)	10	1.1937052408854167	0.23647809028625488
kodim22.png	Ours (optimized)	15	0.8068033854166666	0.15756964683532715
kodim22.png	Ours (optimized)	20	0.5492350260416666	0.10628795623779297
kodim22.png	Ours (optimized)	30	0.3136393229166667	0.059107065200805664
kodim22.png	Ours (optimized)	45	0.21811930338541666	0.0422060489654541
kodim22.png	Ours (optimized)	70	0.0004069010416666667	0.00451970100402832
kodim22.png	Ours (optimized)	110	0.0004069010416666667	0.003652811050415039
kodim22.png	Ours (optimized)	150	0.0004069010416666667	0.0035734176635742188
kodim22.png	Standard QT	10	0.6291910807291666	0.2152879238128662
kodim22.png	Standard QT	15	0.3942667643229167	0.22344231605529785
kodim22.png	Standard QT	20	0.23038736979166666	0.079123258590698240
kodim22.png	Standard QT	30	0.06888834635416667	0.024457693099975586
kodim22.png	Standard QT	45	0.0003458658854166667	0.004770755767822266
kodim22.png	Standard QT	70	0.0003458658854166667	0.003505229949951172
kodim22.png	Standard QT	110	0.0003458658854166667	0.0034945011138916016
kodim22.png	Standard QT	150	0.0003458658854166667	0.0034286975860595703
kodim22.png	Standard QT (Interp)	10	1.1179606119791667	0.0
kodim22.png	Standard QT (Interp)	15	0.6951700846354166	0.0
kodim22.png	Standard QT (Interp)	20	0.4101765950520833	0.0
kodim22.png	Standard QT (Interp)	30	0.12396240234375	0.0
kodim22.png	Standard QT (Interp)	45	0.0004069010416666667	0.0
kodim22.png	Standard QT (Interp)	70	0.0004069010416666667	0.0
kodim22.png	Standard QT (Interp)	110	0.0004069010416666667	0.0
kodim22.png	Standard QT (Interp)	150	0.0004069010416666667	0.0
kodim22.png	Ours (Ablation-Blocks)	10	0.6667073567708334	0.0
kodim22.png	Ours (Ablation-Blocks)	15	0.4504597981770833	0.0
kodim22.png	Ours (Ablation-Blocks)	20	0.30426025390625	0.0
kodim22.png	Ours (Ablation-Blocks)	30	0.17081705729166666	0.0
kodim22.png	Ours (Ablation-Blocks)	45	0.11728922526041667	0.0
kodim22.png	Ours (Ablation-Blocks)	70	0.0003458658854166667	0.0
kodim22.png	Ours (Ablation-Blocks)	110	0.0003458658854166667	0.0
kodim22.png	Ours (Ablation-Blocks)	150	0.0003458658854166667	0.0
kodim22.png	JPEG	5	0.1953125	0.0010101795196533203
kodim22.png	JPEG	10	0.2940877278645833	0.0010752677917480469
kodim22.png	JPEG	20	0.4794921875	0.0011191368103027344
kodim22.png	JPEG	30	0.6350504557291666	0.0011706352233886719
kodim22.png	JPEG	50	0.8905436197916666	0.0012545585632324219
kodim22.png	JPEG	70	1.24310302734375	0.0013432502746582031
kodim22.png	JPEG	80	1.5951131184895833	0.0016620159149169922
kodim22.png	JPEG	90	2.42193603515625	0.0016942024230957031
kodim22.png	WebP	5	0.19425455729166666	0.026791810989379883
kodim22.png	WebP	10	0.2534993489583333	0.027975082397460938
kodim22.png	WebP	20	0.3594563802083333	0.029806852340698242
kodim22.png	WebP	30	0.4754638671875	0.031920433044433594
kodim22.png	WebP	50	0.6969401041666666	0.034273624420166016
kodim22.png	WebP	70	0.9441324869791666	0.0363154411315918
kodim22.png	WebP	80	1.2858072916666667	0.03905129432678223
kodim22.png	WebP	90	2.2441813151041665	0.04658865928649902
kodim23.png	Ours (optimized)	10	1.0894571940104167	0.21221685409545898
kodim23.png	Ours (optimized)	15	0.98358154296875	0.20078325271606445
kodim23.png	Ours (optimized)	20	0.9387613932291666	0.19660639762878418

kodim23.png	Ours (optimized)	30	0.8734537760416666	0.17824292182922363
kodim23.png	Ours (optimized)	45	0.8426310221354166	0.17487859725952148
kodim23.png	Ours (optimized)	70	0.8210856119791666	0.17075324058532715
kodim23.png	Ours (optimized)	110	0.7545572916666666	0.16266417503356934
kodim23.png	Ours (optimized)	150	0.749755859375	0.26363062858581543
kodim23.png	Standard QT	10	0.38763427734375	0.1326286792755127
kodim23.png	Standard QT	15	0.23876953125	0.0829153060913086
kodim23.png	Standard QT	20	0.17545572916666666	0.060256004333496094
kodim23.png	Standard QT	30	0.09865315755208333	0.033134937286376953
kodim23.png	Standard QT	45	0.026407877604166668	0.010817527770996094
kodim23.png	Standard QT	70	0.0003458658854166667	0.003826618194580078
kodim23.png	Standard QT	110	0.0003458658854166667	0.003845691680908203
kodim23.png	Standard QT	150	0.0003458658854166667	0.003955364227294922
kodim23.png	Standard QT (Interp)	10	0.6810302734375	0.0
kodim23.png	Standard QT (Interp)	15	0.41888427734375	0.0
kodim23.png	Standard QT (Interp)	20	0.3075968424479167	0.0
kodim23.png	Standard QT (Interp)	30	0.17354329427083334	0.0
kodim23.png	Standard QT (Interp)	45	0.046061197916666664	0.0
kodim23.png	Standard QT (Interp)	70	0.0004069010416666667	0.0
kodim23.png	Standard QT (Interp)	110	0.0004069010416666667	0.0
kodim23.png	Standard QT (Interp)	150	0.0004069010416666667	0.0
kodim23.png	Ours (Ablation-Blocks)	10	0.6250813802083334	0.0
kodim23.png	Ours (Ablation-Blocks)	15	0.5598347981770834	0.0
kodim23.png	Ours (Ablation-Blocks)	20	0.5322265625	0.0
kodim23.png	Ours (Ablation-Blocks)	30	0.4945475260416667	0.0
kodim23.png	Ours (Ablation-Blocks)	45	0.47705078125	0.0
kodim23.png	Ours (Ablation-Blocks)	70	0.4645182291666667	0.0
kodim23.png	Ours (Ablation-Blocks)	110	0.42742919921875	0.0
kodim23.png	Ours (Ablation-Blocks)	150	0.4250284830729167	0.0
kodim23.png	JPEG	5	0.18408203125	0.0009922981262207031
kodim23.png	JPEG	10	0.23677571614583334	0.0010380744934082031
kodim23.png	JPEG	20	0.3342081705729167	0.001071929931640625
kodim23.png	JPEG	30	0.4195149739583333	0.0012388229370117188
kodim23.png	JPEG	50	0.5646565755208334	0.001180887222290039
kodim23.png	JPEG	70	0.769287109375	0.0012230873107910156
kodim23.png	JPEG	80	0.9919637044270834	0.0012836456298828125
kodim23.png	JPEG	90	1.5732625325520833	0.0014224052429199219
kodim23.png	WebP	5	0.134033203125	0.025641918182373047
kodim23.png	WebP	10	0.16031901041666666	0.024750471115112305
kodim23.png	WebP	20	0.20499674479166666	0.025630474090576172
kodim23.png	WebP	30	0.2500406901041667	0.02653193473815918
kodim23.png	WebP	50	0.3416748046875	0.02817368507385254
kodim23.png	WebP	70	0.4432373046875	0.034511566162109375
kodim23.png	WebP	80	0.5947265625	0.032738685607910156
kodim23.png	WebP	90	1.1439208984375	0.04075145721435547
kodim24.png	Ours (optimized)	10	1.7097371419270833	0.4569530487060547
kodim24.png	Ours (optimized)	15	1.6225382486979167	0.3458681106567383
kodim24.png	Ours (optimized)	20	1.52325439453125	0.35495591163635254
kodim24.png	Ours (optimized)	30	1.3849894205729167	0.3382718563079834
kodim24.png	Ours (optimized)	45	1.2962646484375	0.3346571922302246
kodim24.png	Ours (optimized)	70	1.2055867513020833	0.33950185775756836
kodim24.png	Ours (optimized)	110	1.1491495768229167	0.27529048919677734
kodim24.png	Ours (optimized)	150	1.11798095703125	0.2525622844696045

kodim24.png	Standard QT	10	0.7890828450520834	0.3925607204437256
kodim24.png	Standard QT	15	0.6111246744791666	0.340468168258667
kodim24.png	Standard QT	20	0.43621826171875	0.15720796585083008
kodim24.png	Standard QT	30	0.18389892578125	0.06692957878112793
kodim24.png	Standard QT	45	0.08998616536458333	0.03290271759033203
kodim24.png	Standard QT	70	0.0003458658854166667	0.00557398796081543
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kodim24.png	Standard QT	150	0.0003458658854166667	0.004472017288208008
kodim24.png	Standard QT (Interp)	10	1.3876546223958333	0.0
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kodim24.png	Standard QT (Interp)	30	0.3180948893229167	0.0
kodim24.png	Standard QT (Interp)	45	0.15395100911458334	0.0
kodim24.png	Standard QT (Interp)	70	0.0004069010416666667	0.0
kodim24.png	Standard QT (Interp)	110	0.0004069010416666667	0.0
kodim24.png	Standard QT (Interp)	150	0.0004069010416666667	0.0
kodim24.png	Ours (Ablation-Blocks)	10	0.9718017578125	0.0
kodim24.png	Ours (Ablation-Blocks)	15	0.92071533203125	0.0
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kodim24.png	Ours (Ablation-Blocks)	45	0.7328898111979166	0.0
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kodim24.png	Ours (Ablation-Blocks)	110	0.6501871744791666	0.0
kodim24.png	Ours (Ablation-Blocks)	150	0.63177490234375	0.0
kodim24.png	JPEG	5	0.24436442057291666	0.0010166168212890625
kodim24.png	JPEG	10	0.3802286783854167	0.001104116439819336
kodim24.png	JPEG	20	0.6064453125	0.0011913776397705078
kodim24.png	JPEG	30	0.7920735677083334	0.0011951923370361328
kodim24.png	JPEG	50	1.0923868815104167	0.0012934207916259766
kodim24.png	JPEG	70	1.4877726236979167	0.0013828277587890625
kodim24.png	JPEG	80	1.8747355143229167	0.0016438961029052734
kodim24.png	JPEG	90	2.7486165364583335	0.001697540283203125
kodim24.png	WebP	5	0.3227945963541667	0.02858734130859375
kodim24.png	WebP	10	0.4094645182291667	0.030213356018066406
kodim24.png	WebP	20	0.556640625	0.03178882598876953
kodim24.png	WebP	30	0.6947021484375	0.04002046585083008
kodim24.png	WebP	50	0.964111328125	0.03880167007446289
kodim24.png	WebP	70	1.2074381510416667	0.0402989387512207
kodim24.png	WebP	80	1.5625406901041667	0.040848493576049805
kodim24.png	WebP	90	2.4270426432291665	0.05044817924499512

psnr	ssim	sw_ssim	lpips
21.69506790414248	0.6207762965779852	0.7314356432495638	0.3147212862968445
21.588461586506327	0.6019046479509143	0.7283029641636445	0.3281666040420532
21.350763849386855	0.5688097888739688	0.7252135656790175	0.3539600670337677
18.643348880795855	0.4070983620173554	0.7109619858792223	0.5237204432487488
15.739582675106279	0.24210642190269618	0.6512541927839259	0.8374814987182617
10.992860203967293	0.1433174182828465	0.2608174402949369	1.083688735961914
10.992860203967293	0.1433174182828465	0.2608174402949369	1.083688735961914
10.992860203967293	0.1433174182828465	0.2608174402949369	1.083688735961914
20.150812904686852	0.41561369106444507	0.5340569824905214	0.4410463571548462
20.080731081102584	0.400432825763335	0.5115400976707696	0.4523392915725708
19.932910188566233	0.37629674235375005	0.4861508931574247	0.4718477129936218
18.251783018867812	0.27618816186129685	0.40043888210034895	0.5990132689476013
11.161289761759136	0.1692473305197061	0.26636156015623474	1.0120681524276733
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21.679132794236452	0.6171602853473673	0.7105253094946501	0.3166009187698364
21.54313992362755	0.595210027268433	0.6898843442128955	0.3319512605667114
21.25597432931597	0.5584088005045656	0.6675875761144483	0.36152833700180054
18.474846416868576	0.3803070486144606	0.5790647425191587	0.5521622896194458
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20.16025310938559	0.4187019660235695	0.5543753245448254	0.44009989500045776
20.106845877542938	0.4064829670308557	0.5520257767328082	0.4481832981109619
19.992874775561475	0.3858225242081203	0.5501424191473976	0.46620720624923706
18.402382413380415	0.2987590650566576	0.5392118146704725	0.5760674476623535
15.838039902480014	0.21427444335709064	0.5031452844160255	0.8283644914627075
11.161289761759136	0.1692473305197061	0.26636156015623474	1.0120681524276733
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22.053033696224496	0.6269692854714582	0.7016888279712912	0.3886019289493561
24.774125089745237	0.7564494221526891	0.8031508449861238	0.24383662641048431
26.9420863374501	0.8423469926400822	0.866578361647808	0.14887842535972595
28.211136012443532	0.8786363749492581	0.9025963846571691	0.09217632561922073
29.86791294787986	0.9142439913432611	0.9304372501333971	0.05067915469408035
31.706023825942427	0.9419582063393017	0.9499835261277129	0.028739362955093384
33.3860866672045	0.9585935273154158	0.9613797509012928	0.01723029464483261
36.87849728652552	0.9793233094269981	0.9760644630657666	0.0071359798312187195
26.172121271365704	0.781327454280294	0.781327454280294	0.23624834418296814
27.059421127790703	0.8286084732888739	0.8286084732888739	0.1510544717311859
28.46464968263698	0.8772880454739437	0.8772880454739437	0.09004315733909607
29.662021637835757	0.9071860195946271	0.9071860195946271	0.06165187805891037
31.79328774337312	0.940967189685924	0.940967189685924	0.03854294866323471
33.64753352206009	0.9603173503089675	0.9603173503089675	0.02613501250743866
35.733559978516155	0.9741214805986718	0.9741214805986718	0.02011197060346034
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31.74494530830691	0.9236494874182509	0.9236494874182509	0.08445489406585693
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