

		Information			TMuC 0.8				Proposal				Bit-rate Saving (%)	PSNR Gain (dB)	Average PSNR Gain (dB)
		QPISlice	FrameRates	Num.Frames	kbps	Y psnr	U psnr	V psnr	kbps	Y psnr	U psnr	V psnr			
Class C WVGA 832x480p	S08 BasketballDrill	28	50	30	1405.11	36.97	40.06	40.14	1408.33	36.96	40.08	40.12	2.14	-0.069156199	-0.02171418826524
		39	50	30	320.16	31.22	35.33	34.94	319.15	31.21	35.37	34.94			
		41	50	30	244.63	30.18	34.70	34.04	242.83	30.27	34.56	33.95			
	S09 BQMall	28	60	30	1954.99	36.60	40.48	41.43	1952.56	36.59	40.46	41.43	0.04	-0.001656679	
		33	60	30	1021.55	33.62	38.62	39.37	1018.46	33.60	38.61	39.36			
		39	60	30	476.69	30.11	36.55	37.11	475.25	30.10	36.58	36.96			
	S10 PartyScene	42	60	30	317.12	28.43	35.45	35.95	316.38	28.43	35.38	35.85	-0.316691031	0.01246225	
		30	50	30	3305.37	32.06	36.78	37.02	3300.13	32.08	36.79	36.96			
		32	50	30	2447.87	30.70	35.96	36.09	2449.72	30.70	35.91	36.08			
	RaceHorses	40	50	30	704.85	25.83	33.18	33.19	700.67	25.84	33.20	33.14	1.482956099	-0.028506126	
		42	50	30	491.64	24.76	32.56	32.46	483.29	24.78	32.55	32.43			
		29	30	30	1870.86	34.10	37.95	38.93	1872.26	34.09	37.92	38.91			
Class D WQVGA 416x240p	S13 BQSquare	38	30	30	504.62	29.01	34.71	35.22	506.36	29.03	34.66	35.16	-0.012324549	0.000491826	-0.022035399
		40	30	30	372.53	28.03	34.01	34.28	366.16	28.07	33.96	34.31			
		31	60	30	450.48	32.7318	40.0288	40.6283	446.832	32.7204	40.0692	40.4108			
	S14 BlowingBubbles	33	60	30	352.64	31.5602	39.3056	39.8044	352.048	31.5557	39.2661	39.8171	-0.048920283	0.001846079	
		36	60	30	246.736	29.756	38.6466	38.9183	246.288	29.7268	38.4045	38.9126			
		31	50	30	447.6133	32.6521	36.6423	38.4334	449.6133	32.6565	36.5779	38.4002			
	S12 BasketballPass	33	50	30	328.5467	31.5057	35.8229	37.5014	329.2267	31.5145	35.8191	37.6922	0.831546564	-0.037401834	
		36	50	30	210.7733	29.9148	34.652	36.4632	210.7733	29.9244	34.6873	36.4278			
		32	50	30	219.2	34.7814	39.3405	38.3629	220.68	34.7987	39.2973	38.3696			
	S15 RaceHorses	34	50	30	169.84	33.591	38.6857	37.6148	169.0533	33.5249	38.512	37.6134	1.106967251	-0.053077667	
		37	50	30	114.48	31.8952	37.3294	36.3309	115.1867	31.8988	37.4146	36.4083			
		30	30	30	533.064	33.1583	37.1892	37.2209	529.544	33.135	37.2248	37.1672			
Class B 1920x1080p	S07 BQTerrace	32	30	30	397.056	31.776	36.2232	36.1787	404.872	31.7885	36.2426	36.1608	-0.460298214	0.006336498	0.006844406
		35	30	30	269.136	29.95	34.895	34.7284	267.776	29.9348	34.9362	34.7352			
		27	60	30	11129.71	35.3146	40.7148	42.6534	11103.92	35.326	40.6766	42.6057			
	ParkScene	32	60	30	3820.96	33.482	39.1326	41.2028	3796.192	33.4748	39.0813	41.1953	-0.198379493	0.007352314	
		34	60	30	2669.344	32.6537	38.5015	40.7291	2640.768	32.6496	38.3154	40.7401			
		24	24	30	6362.49	39.1962	41.515	42.9532	6402.176	39.221	41.5167	42.9331			

GOP Size : 8

GOP structure :lbBbBbBP coding structure

Number of Reference Pictures : 4

Fast Motion Search Range : 64 x 64 (for Class C,E) , 16 x 16(for Class D)

RDOQ enabled

Entropy coder : CABAC

CU size / depth : 128 / 5

Class C Average PSNR Gain : -0.021714188

Class D AveragePSNR Gain : -0.022035399

Class B Average PSNR Gain : 0.006844406

Overall PSNR Gain : -0.016130954