Title: [INVR] EE3 M-NC5 MIV DSDE anchor generation
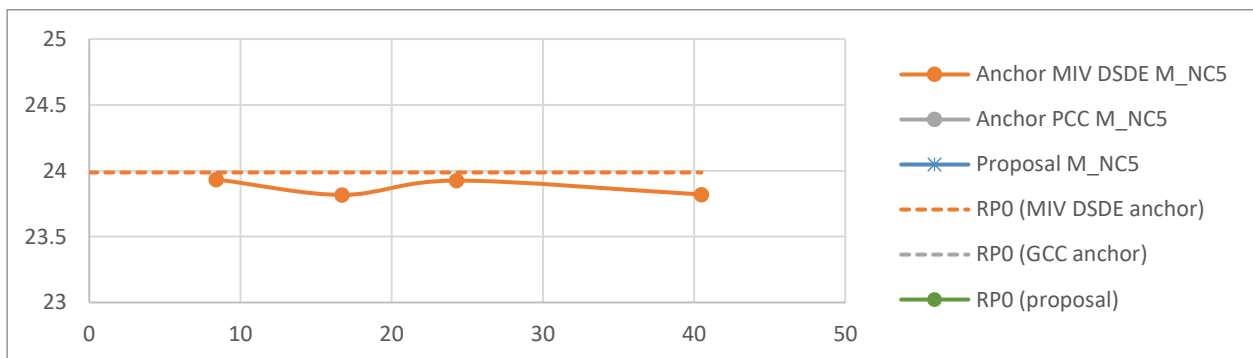Source: PUT: Adrian Dziembowski, Dominika Klóska, Błażej Szydełko

1 Abstract

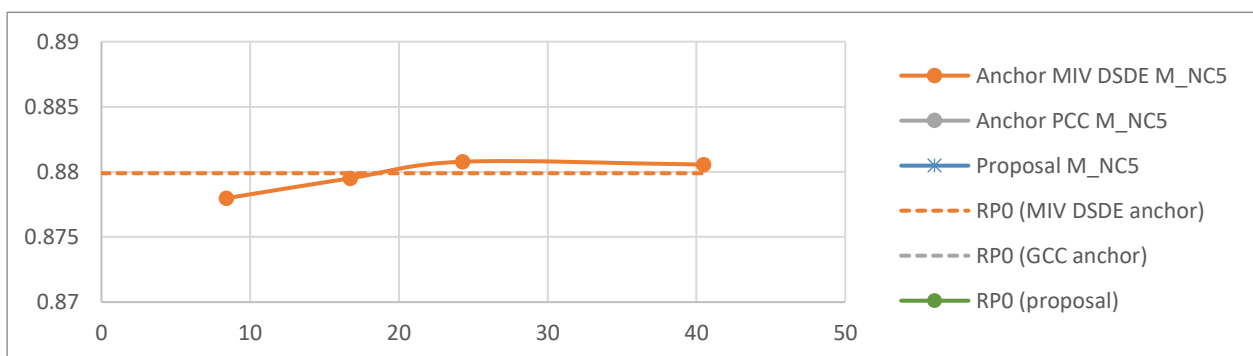The document reports the MIV DSDE anchor generation of "Choreo" sequence.

2 Anchor generation

- Test views: v7, v9, v10, v12,
- QPs: 21, 25, 28, 34,
- "minNonCodedViews" in "G_1_TMIV_encode.json" was set to 0 to include all 16 training views,
- "maxLumaSamplerate" in "G_1_TMIV_encode.json" was **not changed** (16 FullHD views fit in 4 atlases of the default size),
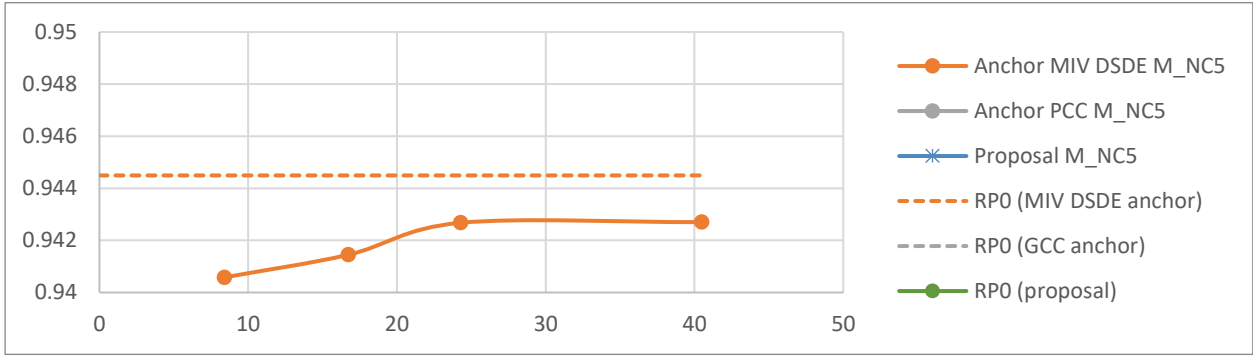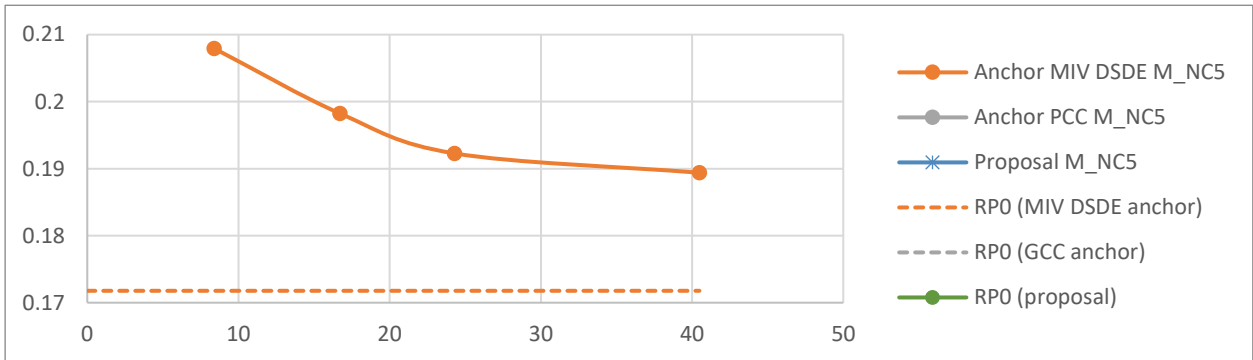
RGB-PSNR:

SSIM:

IV-SSIM:

LPIPS:

Coding [MIV DSDE]		
	kbps	Enc T [s]
RP1	40487.9	10685
RP2	24288.7	7795
RP3	16720.8	6123
RP4	8396.5	3867
	Total	Total
	kbps	Enc T [s]
RP1	40487.9	10685
RP2	24288.7	7795
RP3	16720.8	6123
RP4	8396.5	3867

View Synthesis [MIV DSDE]						
View		RGB-PSNR	SSIM	LPIPS	IVSSIM	Rendering T [s]
v7	RP0	20.85	0.8487	0.1965	0.9256	31087
	RP1	20.57	0.8496	0.2158	0.9230	36698
	RP2	20.93	0.8503	0.2192	0.9236	35155
	RP3	20.73	0.8488	0.2253	0.9226	35529
	RP4	21.02	0.8475	0.2384	0.9226	35461
v9	RP0	25.34	0.8872	0.1579	0.9556	31087
	RP1	25.31	0.8878	0.1737	0.9537	36698
	RP2	25.27	0.8884	0.1758	0.9535	35155
	RP3	25.29	0.8875	0.1820	0.9527	35529
	RP4	25.21	0.8851	0.1907	0.9510	35461
v10	RP0	25.80	0.9044	0.1574	0.9523	31087
	RP1	25.50	0.9044	0.1741	0.9514	36698
	RP2	25.55	0.9047	0.1758	0.9515	35155
	RP3	25.38	0.9048	0.1800	0.9513	35529
	RP4	25.33	0.9021	0.1871	0.9493	35461
v12	RP0	23.96	0.8793	0.1753	0.9445	31087
	RP1	23.90	0.8804	0.1939	0.9428	36698
	RP2	23.95	0.8797	0.1982	0.9421	35155
	RP3	23.87	0.8769	0.2057	0.9393	35529
	RP4	24.18	0.8771	0.2155	0.9395	35461

The reporting template is attached to this document. V2 includes LPIPS values.