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Abstract

This contribution reports results of EE2 Test 2.2 on regression-based GPM intra-inter prediction modification.

In EE2 Test 2.2a, regression-based blending weights derivation and prediction sample blending are carried out in the original sample domain. In EE2 Test 2.2b, regression-based blending weights derivation and prediction blending are carried out in the LMCS sample domain.

The two subtests are reported to be carried out on top of ECM-17.0 under ECM RA CTC. The BD-rate PSNR impact and run-time numbers are reported as follows:

Test 2.2a: RA: -0.03% (Y), -0.03% (U), 0.03% (V); 99.9% (EncT), 100.0% (DecT)

Test 2.2b: RA: -0.02% (Y), -0.01% (U), 0.04% (V); 99.8% (EncT), 99.9% (DecT)

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