# JCTVC-I0586 Supplemental Slides

HM-6.0 Deblocking

Regular block   I_PCM/Lossless
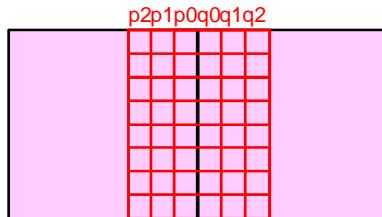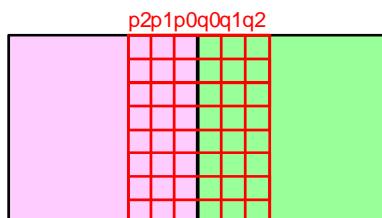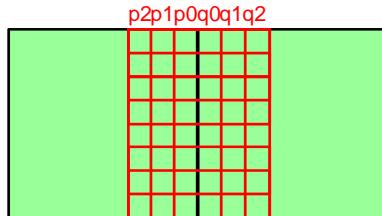
p2p1p0q0q1q2

$(QP_P + QP_Q)/2$

p2p1p0q0q1q2

$(QP_P + \textbf{0})/2$

Filtering

pcm_loop_filter_disable_flag=1 /
qp_prime_zero_transquant_bypass_enable_flag=1

No filtering

p2p1p0q0q1q2

$(\textbf{0} + \textbf{0})/2$

Filtering

pcm_loop_filter_disable_flag=1 /
qp_prime_zero_transquant_bypass_enable_flag=1

No filtering

Discrepancy in I_PCM case

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Unified Deblocking

◻ Regular block   ◻ I_PCM/Lossless

Unified QP derivation
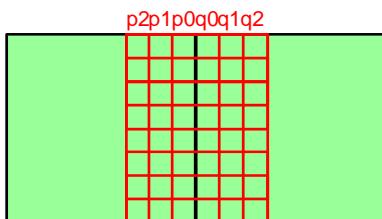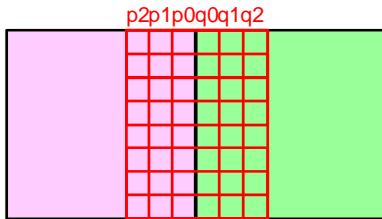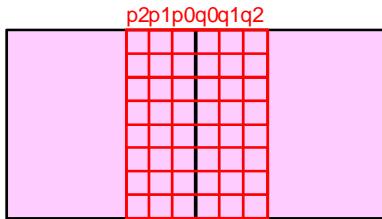
p2p1p0q0q1q2

$(QP_P + QP_Q)/2$

p2p1p0q0q1q2

$(QP_P + QP_Q)/2$

Filtering

pcm_loop_filter_disable_flag=1/
transquant_bypass_enable_flag=1

No filtering

p2p1p0q0q1q2

$(QP_P + QP_Q)/2$

Filtering

pcm_loop_filter_disable_flag=1/
transquant_bypass_enable_flag=1

No filtering

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NEC

Review: Filter skipping in I_PCM/Lossless regions in cases SAO and ALF

Non-I_PCM

I_PCM/Lossless

LCU

SAO/ALF

pcm_loop_filter_disable_flag=1/
transquant_bypass_enable_flag=1