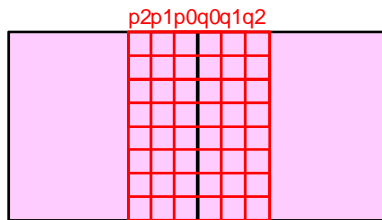


JCTVC-I0586 Supplemental Slides

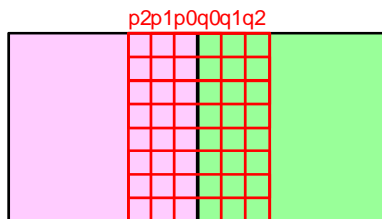
HM-6.0 Deblocking

Regular block

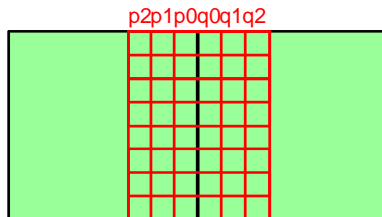
I_PCM/Lossless




$$(QP_P + QP_Q)/2$$




$$(QP_P + 0)/2$$



$$(0 + 0)/2$$

Filtering
 `pcm_loop_filter_disable_flag=1 /`
`qp_prime_zero_transquant_bypass_enable_flag=1`
 No filtering

Filtering
 `pcm_loop_filter_disable_flag=1 /`
`qp_prime_zero_transquant_bypass_enable_flag=1`
 No filtering

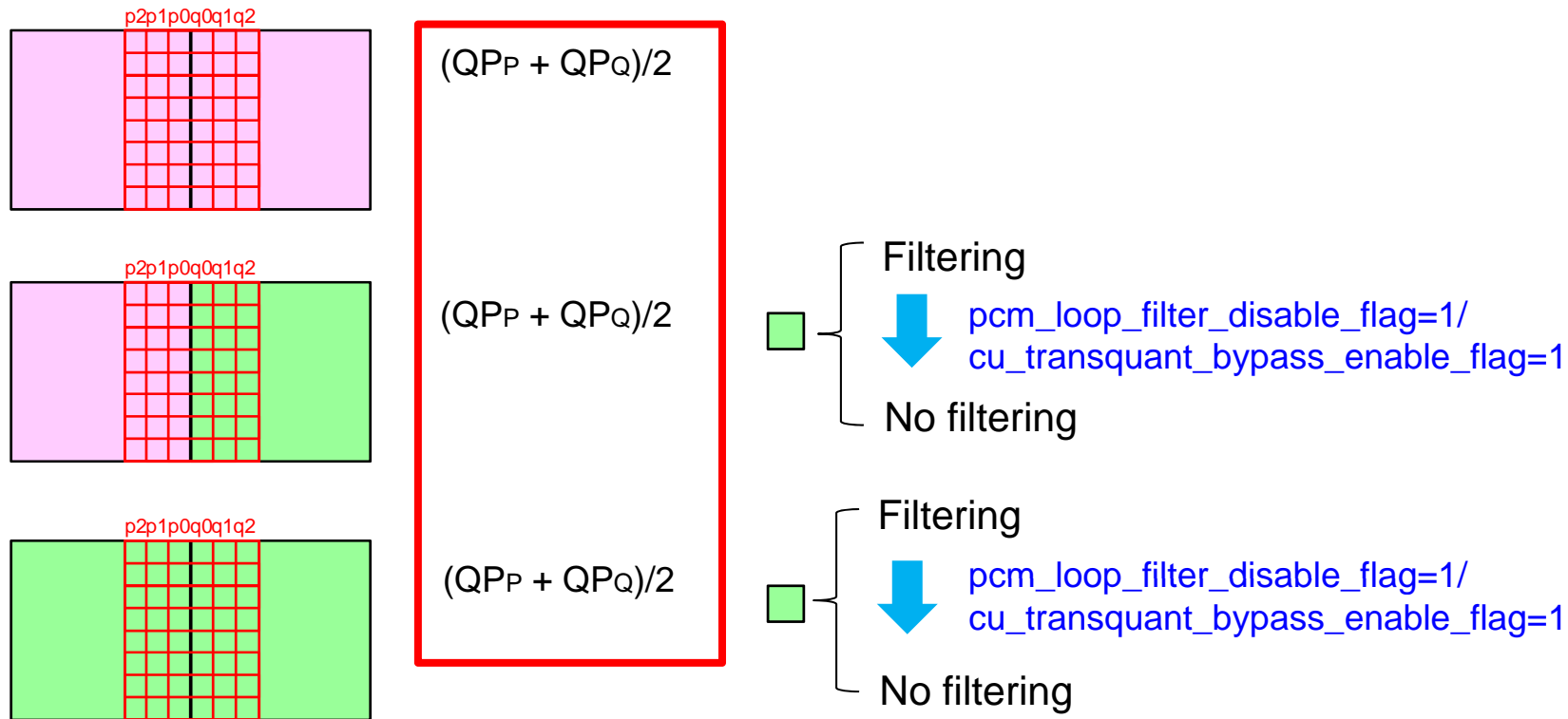
Discrepancy in I_PCM case

Unified Deblocking

Regular block

I_PCM/Lossless

Unified QP derivation



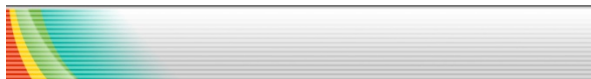
Interaction between I_PCM and cu_transquant_bypass_flag

Restriction

pcm_loop_filter_disable_flag	pcm_flag	cu_transquant_bypass_flag	Filter?
0	0	0	Yes
0	0	1	No
0	1	0	Yes
0	1	1	No
1	0	0	Yes
1	0	1	No
1	1	0	No
1	1	1	No

No restriction

pcm_loop_filter_disable_flag	pcm_flag	cu_transquant_bypass_flag	Filter?
x	0	0	Yes
0	1	0	Yes
1	1	0	No
x	x	1	No



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

