MEDIATEK

Raw Noise Reduction 1.0

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Why Raw Domain NR

- Noise amplified by color gain

- Luma and chroma noise's cross relation after CCM

Correction Flow

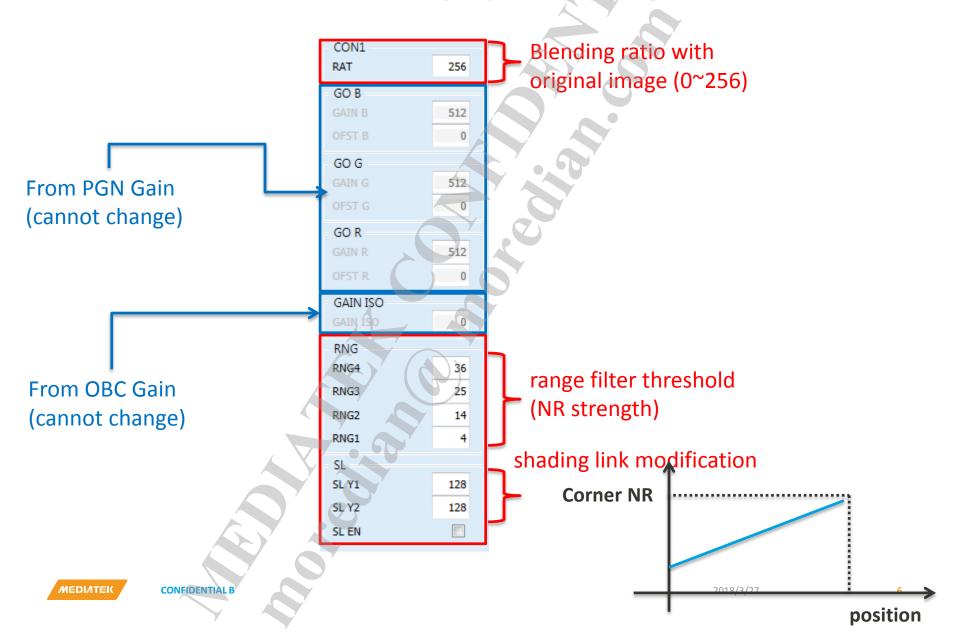- Mix-up of luma/chroma noise after CCM
  - Perform NR before CCM

TUNING PARAMETER INTRODUCTION

RNR Parameters

CON1	
RAT	256

Blending ratio with original image (0~256)

GO B	
GAIN B	512
OFST B	0

GO G	
GAIN G	512
OFST G	0

GO R	
GAIN R	512
OFST R	0

From PGN Gain (cannot change)

GAIN ISO	
GAIN ISO	0

From OBC Gain (cannot change)

RNG	
RNG4	36
RNG3	25
RNG2	14
RNG1	4

range filter threshold (NR strength)

SL	
SL Y1	128
SL Y2	128
SL EN	☐

shading link modification

Corner NR

position

everyday genius