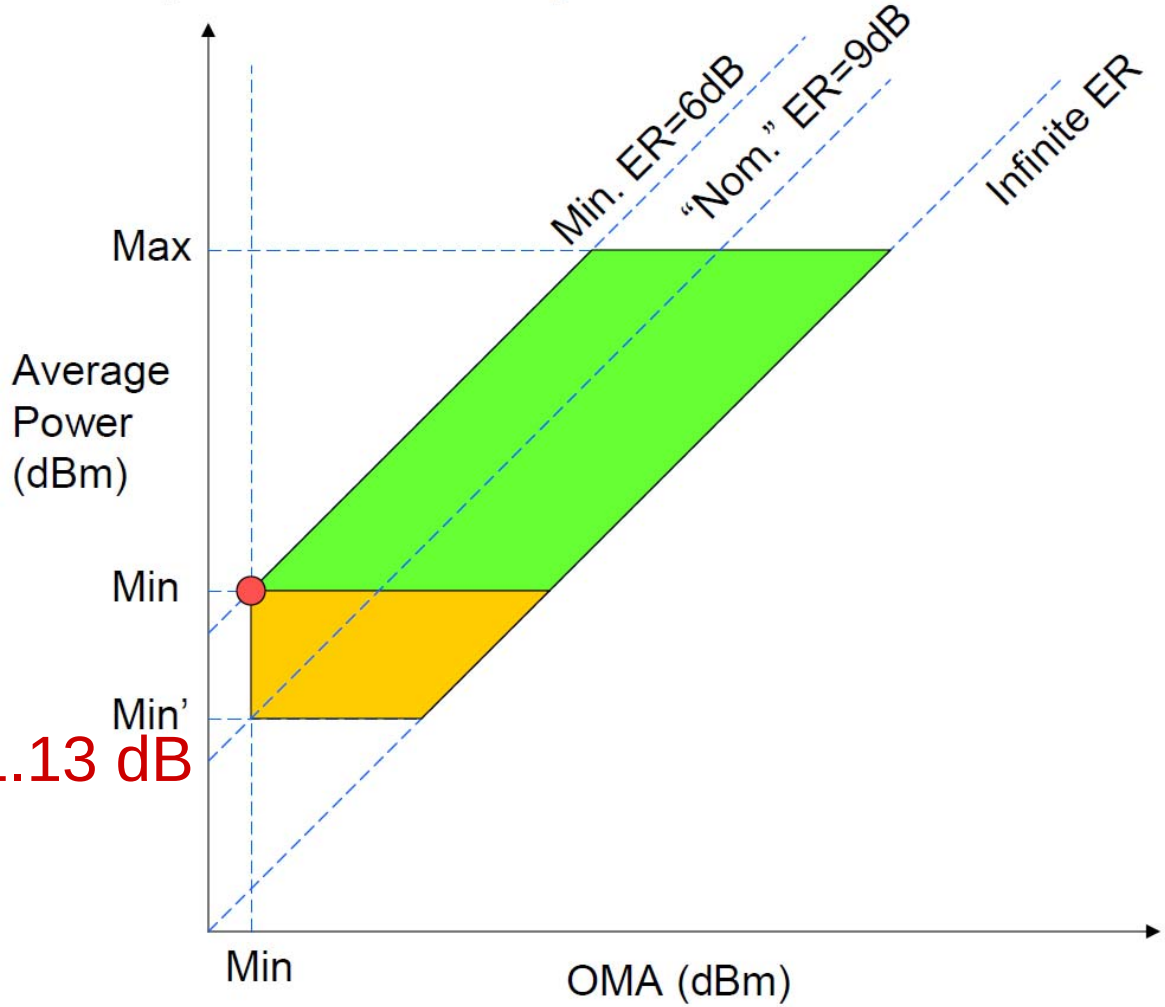
# Proposed Upstream Relaxation




Min - 1.13 dB

*3av_0801_effenberger_5.pdf*

# OMA vs ave.

Pave = ($P_{OMA}$/2) x (ER+1)/(ER-1)

| | | |
|---|---|---|
| DC/Peak = 0% | ER = inf. : | $P_{OMA}$ = Pave + 3.01dB |
| DC/Peak ~ 12.5% | ER = 9dB : | $P_{OMA}$ = Pave + 1.91dB |
| DC/Peak ~ 25% | ER = 6dB : | $P_{OMA}$ = Pave + 0.78dB |
| DC/Peak = 33.3% | ER = 4.77dB: | $P_{OMA}$ = Pave |
| DC/Peak ~ 40% | ER = 4dB : | $P_{OMA}$ = Pave - 0.65dB |
| DC/Peak ~ 45% | ER = 3.5dB : | $P_{OMA}$ = Pave - 1.16dB |
| DC/Peak ~ 50% | ER = 3dB : | $P_{OMA}$ = Pave - 1.77dB |