

Calculate recommended hysteresis

Using CP, EP and current hysteresis



Specify default hysteresis

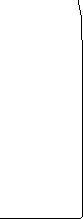
MS Measures SS from present cell before handoff

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MS Measures SS from neighbor cell after handoff handoff

is recommended hysteresis default hysteresis



yes

Sufficient Measurements?

NO

NO

Use default hysteresis

Is SS for present cell < threshold 1 ,and SS for Neighbor cell > threshold 2 ?

yes

Calculate CP: CP means for average SS on the present Cell

yes

Calculate CN: CN means for average SS on the neighbor Cell

Adjust hysteresis based on calculated Midpoint\_ ss

Calculate Midpoint SS using CP and CN. Midpoint=



Calculate EN using Midpoint SS

is the step size the MS output power (typically about 4 dB)



Calculate EP using Midpoint SS

is an adjustment factor account for rounding error



NO

Adjust hysteresis based on measured\_ SS

Fine Tune Hysteresis

?

Yes

NO

