

DAFTAR PUSTAKA

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- Nokia Training Document. 2006. *Layer 1, Physical (WCDMA)*..
- Nokia Training Document. 2006. *SYSTEM TRAINING UMTS Radio Path and Transmission. Training Document* Nokia Network.
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Sumber lain :

- <http://www.sinauonline.50webs.com/GSM/wcdma%20arsitekatur.html>
- http://www.netlab.hut.fi/opetus/s38310/04-05/Kalvot_04-05/Bilal_010205-1.ppt
- <http://www.3gpp.org/ftp/Specs/html-info/25215.htm>
- http://www.comlab.hut.fi/opetus/238/lecture4_Intro_to_WCDMA.pdf
- http://enr.smu.edu/EETS/8315/EE8315_Lecture8_UMTS_2005_PA1.pdf

Batasan nilai RSCP [Sumber : Wikipedia]

| REPORTED VALUE | MEASURED QUANTITY VALUE |
|--------------------|--------------------------|
| CPICH_RSCP_LEV_-05 | CPICH RSCP < -120 |
| CPICH_RSCP_LEV_-04 | -120 ≤ CPICH RSCP < -119 |
| CPICH_RSCP_LEV_-03 | -119 ≤ CPICH RSCP < -118 |
| CPICH_RSCP_LEV_-02 | -118 ≤ CPICH RSCP < -117 |
| CPICH_RSCP_LEV_-01 | -117 ≤ CPICH RSCP < -116 |
| CPICH_RSCP_LEV_00 | -116 ≤ CPICH RSCP < -115 |
| CPICH_RSCP_LEV_01 | -115 ≤ CPICH RSCP < -114 |
| CPICH_RSCP_LEV_02 | -114 ≤ CPICH RSCP < -113 |
| CPICH_RSCP_LEV_03 | -113 ≤ CPICH RSCP < -112 |
| CPICH_RSCP_LEV_04 | -112 ≤ CPICH RSCP < -111 |
| CPICH_RSCP_LEV_05 | -111 ≤ CPICH RSCP < -110 |
| CPICH_RSCP_LEV_06 | -110 ≤ CPICH RSCP < -109 |
| CPICH_RSCP_LEV_07 | -109 ≤ CPICH RSCP < -108 |
| CPICH_RSCP_LEV_08 | -108 ≤ CPICH RSCP < -107 |
| CPICH_RSCP_LEV_09 | -107 ≤ CPICH RSCP < -106 |
| CPICH_RSCP_LEV_10 | -106 ≤ CPICH RSCP < -105 |
| CPICH_RSCP_LEV_11 | -105 ≤ CPICH RSCP < -104 |
| CPICH_RSCP_LEV_12 | -104 ≤ CPICH RSCP < -103 |
| CPICH_RSCP_LEV_13 | -103 ≤ CPICH RSCP < -102 |
| CPICH_RSCP_LEV_14 | -102 ≤ CPICH RSCP < -101 |
| CPICH_RSCP_LEV_15 | -101 ≤ CPICH RSCP < -100 |
| CPICH_RSCP_LEV_16 | -100 ≤ CPICH RSCP < -99 |
| CPICH_RSCP_LEV_17 | -99 ≤ CPICH RSCP < -98 |
| ... | ... |
| CPICH_RSCP_LEV_77 | -39 ≤ CPICH RSCP < -38 |

Batasan nilai RSCP [Sumber : Wikipedia]

| REPORTED VALUE | MEASURED QUANTITY VALUE |
|--------------------|-------------------------------|
| CPICH_RSCP_LEV_-05 | CPICH RSCP < -120 |
| CPICH_RSCP_LEV_-04 | $-120 \leq$ CPICH RSCP < -119 |
| CPICH_RSCP_LEV_-03 | $-119 \leq$ CPICH RSCP < -118 |
| CPICH_RSCP_LEV_-02 | $-118 \leq$ CPICH RSCP < -117 |
| CPICH_RSCP_LEV_-01 | $-117 \leq$ CPICH RSCP < -116 |
| CPICH_RSCP_LEV_00 | $-116 \leq$ CPICH RSCP < -115 |
| CPICH_RSCP_LEV_01 | $-115 \leq$ CPICH RSCP < -114 |
| CPICH_RSCP_LEV_02 | $-114 \leq$ CPICH RSCP < -113 |
| CPICH_RSCP_LEV_03 | $-113 \leq$ CPICH RSCP < -112 |
| CPICH_RSCP_LEV_04 | $-112 \leq$ CPICH RSCP < -111 |
| CPICH_RSCP_LEV_05 | $-111 \leq$ CPICH RSCP < -110 |
| CPICH_RSCP_LEV_06 | $-110 \leq$ CPICH RSCP < -109 |
| CPICH_RSCP_LEV_07 | $-109 \leq$ CPICH RSCP < -108 |
| CPICH_RSCP_LEV_08 | $-108 \leq$ CPICH RSCP < -107 |
| CPICH_RSCP_LEV_09 | $-107 \leq$ CPICH RSCP < -106 |
| CPICH_RSCP_LEV_10 | $-106 \leq$ CPICH RSCP < -105 |
| CPICH_RSCP_LEV_11 | $-105 \leq$ CPICH RSCP < -104 |
| CPICH_RSCP_LEV_12 | $-104 \leq$ CPICH RSCP < -103 |
| CPICH_RSCP_LEV_13 | $-103 \leq$ CPICH RSCP < -102 |
| CPICH_RSCP_LEV_14 | $-102 \leq$ CPICH RSCP < -101 |
| CPICH_RSCP_LEV_15 | $-101 \leq$ CPICH RSCP < -100 |
| CPICH_RSCP_LEV_16 | $-100 \leq$ CPICH RSCP < -99 |
| CPICH_RSCP_LEV_17 | $-99 \leq$ CPICH RSCP < -98 |
| ... | ... |
| CPICH_RSCP_LEV_77 | $-39 \leq$ CPICH RSCP < -38 |

Lampiran 2

Batasan nilai Ec/No [Sumber : 3GPP TS 25.215 V3.1.0]

| REPORTED VALUE | MEASURED QUANTITY VALUE |
|----------------|-------------------------------|
| CPICH Ec/No_00 | CPICH Ec/No < -24 dB |
| CPICH Ec/No_01 | -24 dB ≤ CPICH Ec/No < -23 dB |
| CPICH Ec/No_02 | -23 dB ≤ CPICH Ec/No < -22 dB |
| CPICH Ec/No_03 | -22 dB ≤ CPICH Ec/No < -21 dB |
| CPICH Ec/No_04 | -21 dB ≤ CPICH Ec/No < -20 dB |
| CPICH Ec/No_05 | -20 dB ≤ CPICH Ec/No < -19 dB |
| CPICH Ec/No_06 | -19 dB ≤ CPICH Ec/No < -18 dB |
| CPICH Ec/No_07 | -18 dB ≤ CPICH Ec/No < -17 dB |
| CPICH Ec/No_08 | -17 dB ≤ CPICH Ec/No < -16 dB |
| CPICH Ec/No_09 | -16 dB ≤ CPICH Ec/No < -15 dB |
| CPICH Ec/No_10 | -15 dB ≤ CPICH Ec/No < -14 dB |
| CPICH Ec/No_11 | -14 dB ≤ CPICH Ec/No < -13 dB |
| CPICH Ec/No_12 | -13 dB ≤ CPICH Ec/No < -12 dB |
| CPICH Ec/No_13 | -12 dB ≤ CPICH Ec/No < -11 dB |
| CPICH Ec/No_14 | -11 dB ≤ CPICH Ec/No < -10 dB |
| CPICH Ec/No_15 | -10 dB ≤ CPICH Ec/No < -9 dB |
| CPICH Ec/No_16 | -9 dB ≤ CPICH Ec/No < -8 dB |
| CPICH Ec/No_17 | -8 dB ≤ CPICH Ec/No < -7 dB |
| CPICH Ec/No_18 | -7 dB ≤ CPICH Ec/No < -6 dB |
| CPICH Ec/No_19 | -6 dB ≤ CPICH Ec/No < -5 dB |
| CPICH Ec/No_20 | -5 dB ≤ CPICH Ec/No < -4 dB |
| CPICH Ec/No_21 | -4 dB ≤ CPICH Ec/No < -3 dB |
| CPICH Ec/No_22 | -3 dB ≤ CPICH Ec/No < -2 dB |
| CPICH Ec/No_23 | -2 dB ≤ CPICH Ec/No < -1 dB |
| CPICH Ec/No_24 | -1 dB ≤ CPICH Ec/No < 0 dB |
| CPICH Ec/No_25 | 0 dB ≤ CPICH Ec/No |

| | |
|-------------------|------------------------------------|
| CPICH_RSCP_LEV_78 | $-38 \leq \text{CPICH RSCP} < -37$ |
| CPICH_RSCP_LEV_79 | $-37 \leq \text{CPICH RSCP} < -36$ |
| CPICH_RSCP_LEV_80 | $-36 \leq \text{CPICH RSCP} < -35$ |
| CPICH_RSCP_LEV_81 | $-35 \leq \text{CPICH RSCP} < -34$ |
| CPICH_RSCP_LEV_82 | $-34 \leq \text{CPICH RSCP} < -33$ |
| CPICH_RSCP_LEV_83 | $-33 \leq \text{CPICH RSCP} < -32$ |
| CPICH_RSCP_LEV_84 | $-32 \leq \text{CPICH RSCP} < -31$ |
| CPICH_RSCP_LEV_85 | $-31 \leq \text{CPICH RSCP} < -30$ |
| CPICH_RSCP_LEV_86 | $-30 \leq \text{CPICH RSCP} < -29$ |
| CPICH_RSCP_LEV_87 | $-29 \leq \text{CPICH RSCP} < -28$ |
| CPICH_RSCP_LEV_88 | $-28 \leq \text{CPICH RSCP} < -27$ |
| CPICH_RSCP_LEV_89 | $-27 \leq \text{CPICH RSCP} < -26$ |
| CPICH_RSCP_LEV_90 | $-26 \leq \text{CPICH RSCP} < -25$ |
| CPICH_RSCP_LEV_91 | $-25 \leq \text{CPICH RSCP}$ |
| CPICH_RSCP_LEV_92 | (spare, value not assigned) |
| ... | ... |
| CPICH_RSCP_LEV_99 | (spare, value not assigned) |