

Federal Communication Commission
Authorization and Evaluation Division
7435 Oakland Mills Road
Columbia, MD 21046

SAR testing is not required for the Wellcore Activity Monitor, FCC ID XYG-1.

The device contains two radios, but they share the same antenna, and cannot simultaneously transmit.

KDB 447498 1) b) states, "When routine evaluation is required for SAR and the output power is $\leq 60/f_{(\text{GHz})}$ mW, the test reduction and test exclusion procedures given herein, or in KDB 616217 and its supplement or KDB 648474, are applicable."

KDB 648474 3) states, "For an unlicensed transmitter that does not transmit simultaneously with other transmitters and its output is $\leq 60/f_{(\text{GHz})}$ mW, 1-g SAR evaluation is not required."

The maximum peak conducted output power for both radios is 4.17 dBm (2.6 mW), at 2480 MHz.

At 2480 MHz, $60/f_{(\text{GHz})} = 24.2$ mW

The output power is less than $60/f_{(\text{GHz})}$ mW, therefore the 1-g SAR evaluation is not required.

6/17/10

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