

Address:
mikes-testingpartners gmbh
Ohmstrasse 2-4
94342 Strasskirchen / Germany

Phone +49-9424-9481-0
Fax +49-9424-9481-240
E - mail info@mikes-tp.com
Internet: http://www.mikes-tp.com

TEST –Results				Order-No.: T31291-00-02XF							
Client	Cooper Power Tools GmbH & Co. OHG										
Manufacturer	Cooper Power Tools GmbH & Co. OHG										
Product Description	Industrial cordless assembly Tool with WLAN data transmission										
Type / Model Name	47BAWSB28AM3										
Date received	20.12.2006	Date returned	24.12.2006	Serial - No.:	Prototype						
Approval - Test		Tests are made according to OET Bulletin 65, Supplement C									
Type of test			Limits		Test Results						
Emission / Immunity			Margin [dB]	exceeded by [dB]	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">ok</td> <td style="width: 33%;">n.ok</td> <td style="width: 33%;">meet criterion</td> </tr> </table>	ok	n.ok	meet criterion			
ok	n.ok	meet criterion									
Transmitter requirements:											
CPR3 Maximum Peak Output Power			<input checked="" type="checkbox"/> <input type="checkbox"/>								
<p>Remarks</p> <p>In accordance with OET Bulletin 65, Supplement C the maximum peak output power have been performed at channel 1 (2412 MHz), channel 6 (2437 MHz) and channel 11 (2462 MHz). The maximum peak output power on the middle channel is far below to the average limit described in OET Bulletin 65, Supplement C Section 3. The more severe limits required from the TCB's are also kept. Please refer to table below:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Exposure category</td> <td style="width: 40%; text-align: center;"><u>low threshold</u></td> <td style="width: 40%; text-align: center;"><u>high threshold</u></td> </tr> <tr> <td>general population</td> <td>(60/fGHz) mW, $d < 2.5$ cm (120/fGHz) mW, $d \geq 2.5$ cm</td> <td>(900/fGHz) mW, $d < 20$ cm</td> </tr> </table> <p>The low threshold level is $60/2,437\text{GHz} = 24,6\text{mW}$. So, RF exposure limit warning or SAR test are not required.</p> <p>For detailed test results please refer to following page.</p>						Exposure category	<u>low threshold</u>	<u>high threshold</u>	general population	(60/fGHz) mW, $d < 2.5$ cm (120/fGHz) mW, $d \geq 2.5$ cm	(900/fGHz) mW, $d < 20$ cm
Exposure category	<u>low threshold</u>	<u>high threshold</u>									
general population	(60/fGHz) mW, $d < 2.5$ cm (120/fGHz) mW, $d \geq 2.5$ cm	(900/fGHz) mW, $d < 20$ cm									

This test result consists of 2 page(s). The test result only corresponds to the tested sample. It is not permitted to copy extracts of these test results without the written permission of the test laboratory.

Date	Tested by	Checked by	Result
2006-12-08			<input checked="" type="checkbox"/> passed <input type="checkbox"/> not passed

Radiation-Test

accd. FCC Part 15.247

Typ: Winkelschrauber mit WLAN Modul
Manufacturer: Cooper Power Tools GmbH & Co. OHG
Client: Cooper Power Tools GmbH & Co. OHG
Regulation: FCC 15.247
Order No.:
Operation
Mode: TX-mode
Remarks: The limits are met!

Test distance: 3 m
Test receiver: FSP30
Antenna: BBHA-9120E
Test engineer: XF
Date: 8.12.2006

Frequency [MHz]	Reading Vert. [dBm]	Reading Hor. [dBm]	Correct. Vert. [dB]	Correct. Hor. [dB]	Power Vert. [dBm]	Power Hor. [dBm]	Limit [dBm]	Dlimit [dB]
Channel 1								
2412,00	16,5	17,0	-9,6	-9,5	6,8	7,5	20,0	-12,5
Channel 6								
2437,00	16,4	17,0	-9,1	-9,4	7,3	7,5	20,0	-12,5
Channel 11								
2462,00	16,3	17,2	-8,6	-9,3	7,6	7,8	20,0	-12,2