



1516 Centre Circle, Downers Grove IL 60515

RF EXPOSURE EXHIBIT	
Manufacturer Name	Milwaukee Tool Corporation
Manufacturer Address	13135 West Lisbon Road Brookfield, WI 53005
HVIN No.	2918-20
Specifications	FCC "Code of Federal Regulations" Title 47 Part 1, Subpart I FCC 447498 D04 Interim General RF Exposure Guidance v01 Radio Frequency (RF) Exposure Compliance of Radiocommunication Apparatus (All Frequency Bands) RSS-102 Issue 6 December 2023
Test Facility	Elite Electronic Engineering, Inc. 1516 Centre Circle, Downers Grove, IL 60515
	FCC Reg. Number: 269750 IC Reg. Number: 2987A CAB Identifier: US0107
Test Procedure	FCC 447498 D04 Interim General RF Exposure Guidance v01 RSS-102 Issue 6
Limits	Assessment is based on maximum output power in mW and separation distance mm.
<p>This is a portable device.</p> <p>The declared maximum output power including acceptable tolerances is 5.1mW (7.1dBm).</p> <p style="text-align: center;">$\text{Maximum time-averaged power (mW)} = \text{Maximum output power (mW)} \times \text{Duty Cycle}$</p> <p>Per FCC 1.1307(b)(3)(i)(A), the exemption level is 1mW.</p> <p>Per RSS-102 Issue, the exemption level is 606.285mW at a separation distance of less than 5mm. The level was interpolated between the values in RSS-102, Section 6.3 Table 11</p>	



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FCC Evaluation

Radio Access Technology	f Transmit Frequency (MHz)	Time-Averaged Output Power (mW)	Blanket Exemption (mW)	Exemption Rule		Exemption Results	Exemption Results
BLE	2480	0	1	FCC 1.1307(b)(3)(i)(A)		Exempt	Exempt
Radio Access Technology	f Transmit Frequency (MHz)	Electric Field Strength (V/m)	Magnetic Field Strength (A/m)	P Conducted Output Power (mW)	ERP (mW)	EIRP (mW)	Duty Cycle
BLE	2480	---	---	5.128	---	2.238	0

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Radio Access Technology	f Transmit Frequency (MHz)	Electric Field Strength (V/m)	Magnetic Field Strength (A/m)	P Conducted Output Power (mW)	EIRP (W)	I_{RMS} RMS Current (A)		Outer Loop Diameter (mm)	Duty Cycle
BLE	2480	---	---	5.128	0.00223872	3		50	0
Radio Access Technology	f Transmit Frequency (MHz)	nI_{RMS} RMS Current (nA)	Nerve Stimulation Exemption (nA)	P Conducted Output Power (mW)	EIRP (W)	SAR Exemption Limit (mW)	Localized APD Exemption Limit (mW)	Localized IPD Exemption Limit (mW)	FRL Exemption Limit (W)
BLE	2480	300	NA	5.128	0.00223872	606.285	NA	NA	NA
Basic Restrictions and Reference Levels	Exempt/Not Exempt			nI_{RMS} , P or EIRP	Exemption Limit	Notes			
SAR	Exempt			5.128 mW	606.285 mW	---			