



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	2917-20	
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.	

This is a portable device.

The declared maximum output power including acceptable tolerances is 4.37mW (6.4dBm).

$$\text{Maximum time-averaged power (mW)} = \text{Maximum output power (mW)} \times \text{Duty Cycle}$$

Per FCC 1.1307(b)(3)(i)(A), the exemption level is 1mW.

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



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FCC Evaluation

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	---	---	4.365	---	4.0738	0
Radio Access Technology	f Transmit Frequency (MHz)	Time-Averaged Output Power (mW)	Blanket Exemption (mW)	Exemption Rule	Exemption Results		
BLE	2480	0	1	FCC 1.1307(b)(3)(i)(A)	Exempt		

RSS-102 Issue 6

Radio Access Technology	f Transmit Frequency (MHz)	Electric Field Strength (V/m)	Magnetic Field Strength (A/m)	P Conducte d Output Power (mW)	EIRP (W)	I_{RMS} RMS Current (A)	Outer Loop Diameter (mm)	Duty Cycle		
BLE	2480	---	---	4.365	0.004	3	50	0		
Radio Access Technology	f Transmit Frequency (MHz)	nI_{RMS} RMS Current (nA)	Nerve Stimulation Exemption (nA)	P Conducte d Output Power (mW)	EIRP (W)	SAR Exemption Limit (mW)	Localized APD Exemption Limit (mW)	Localiz ed IPD Exemp tion Limit (mW)	FRL Exempt ion Limit (W)	
BLE	2480	300	NA	4.365	0.004	606.285	NA	NA	NA	
Basic Restrictions and Reference Levels	Exempt/N ot Exempt	nI_{RMS} , P or EIRP	Exemption Limit	Notes						
SAR	Exempt	4.365 mW	606.285 mW	---						