

FCC ID: I5TLM100

447498 D01 General RF Exposure Guidance v06

4.3.1. Standalone SAR test exclusion considerations

a) For 100 MHz to 6 GHz and test separation distances ≤ 50 mm, the 1-g and 10-g SAR test exclusion thresholds are determined by the following:

$$\left[\frac{\text{max. power of channel, including tune-up tolerance, mW}}{\text{(min. test separation distance, mm)}} \right] \cdot$$

$$[f(\text{GHz})] \leq 3.0 \text{ for 1-g SAR, and } \leq 7.5 \text{ for 10-g extremity SAR, where}$$

$f(\text{GHz})$ is the RF channel transmit frequency in GHz

Pmax	0.76	dBm
Pmax	1.19	mW
Distance	5	mm
Frequency	2402	MHz
Frequency	2.402	GHz
threshold	0.37	< 3

Canada

IC: 1454B-LM100

HVIN: LM100

RSS-102 Issue 5

Table 1: SAR evaluation – Exemption limits for routine evaluation based on frequency and separation distance

Exemption Limits (mW)	
MHz	At separation distance of ≤ 5 mm
	2450 4

Output power level shall be the higher of the maximum conducted or equivalent isotropically radiated power (e.i.r.p.) source-based, time-averaged output power.

$P_{\text{max}} = 1.19 \text{ mW} < 4 \text{ mW}$