

FCC ID: SCR-GATEWAY

FCC 447498 D01, 4.3.1. Standalone SAR test exclusion considerations, extremity SAR

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:

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

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

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

Pmax	15.92	dBm	
Pmax	39.1	mW	
Distance	10	mm	
Frequency	2412	MHz	
Frequency	2.412	GHz	
threshold	6.07	< 7.5	extremity SAR

IC: 23814-GATEWAY

HVIN: GATEWAY

Canada RSS-102 Issue 5, 2.5.1 Exemption Limits for Routine Evaluation – SAR Evaluation, extremity SAR

Frequency	Power	Antenna		EIRP ¹	Distance D	Extremity SAR
		Gain	EIRP			Exemption
MHz	dBm	dBi	dBm	mW	mm	Limit EIRP
2412	15.92	0.8	16.72	47.0	20.00	75.00

