

Applicant: Alert Labs Inc

Certification Number: 22365-ALB040

HVIN: ALML001

PMN: ALML001

HMN: SENSOR RELAY, FLOWIE-O

FCC 1.1310 General Population/Uncontrolled Exposure

Frequency MHz	Power dBm	Antenna	EIRP ¹ dBm	EIRP mW	Distance D cm	PD ² mW/m ²	Limit ³ mW/cm ²	Margin dB	PD/Limit
		Gain dBi							
903	18.40	0.01	18.4	69.3	20	0.01380	0.602	16.4	0.0229

CANADA RSS-102, Issue 5 General Population/Uncontrolled Exposure

Frequency MHz	Power dBm	Antenna	EIRP ¹ dBm	EIRP W	Distance D m	PD ² W/m ²	Limit ³ W/m ²	Margin dB	PD/Limit	Exemption Limit ⁴ W
		Gain dBi								
903	18.40	0.01	18.4	0.0693	0.2	0.1380	2.74	12.98	0.0503	1.37

¹EIRP = Power dBm + Antenna Gain dBi

²Power Density PD = EIRP / (4 π r²) [Health Canada Technical Guide - Safety Code 6_2015, Eq 5-6 at 5.2; OET Bulletin 65, Edition 97-01, August 1997, Eq (4)]

³RSS-102 Issue 5 Table 4; FCC 1.1310 Table 1

⁴RSS-102 Issue 5 at 2.5.2