

FCC ID: XGS-SCU

47 CFR 1.1310(e)(1) Maximum Permissible Exposure (MPE) - Limits for General Population/Uncontrolled Exposure

Frequency (f)	Power (P)	Antenna Gain (G)	Duty Cycle (DC)	EIRP <sup>1</sup>	EIRP	R	Power Density <sup>2</sup> (PD)	Power Density Limit	Margin
MHz	dBm	dBi	%	dBm	mW	cm	mW/cm <sup>2</sup>	mW/cm <sup>2</sup>	dB
148	37.8	3.00	1.0	20.80	120	20	0.02	0.20	9.22

IC: 11881A-SCU HVIN: SCU

Canada RSS-102 Issue 5 (4. Exposure Limits) Table 4: RF Field Strength Limits for Devices Used by the General Public (Uncontrolled Environment)

Frequency (f)	Power (P)	Antenna Gain (G)	Duty Cycle (DC)	EIRP <sup>1</sup>	EIRP	R	Power Density <sup>2</sup> (PD)	Power Density Limit	Margin
MHz	dBm	dBi	%	dBm	W	m	W/m <sup>2</sup>	W/m <sup>2</sup>	dB
148	37.80	3.00	1.0	20.80	0.120	0.2	0.2	1.291	7.32

<sup>1</sup>EIRP<sub>dBm</sub> = P + G + 10Log(D/100)

<sup>2</sup>PD = EIRP<sub>mW</sub> / (4πR<sup>2</sup>)