

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 ¹	EIRP	R	Power Density ² (PD)	Power Density Limit	Margin
MHz	dBm	dBi	%	dBm	mW	cm	mW/cm ²	mW/cm ²	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 ¹	EIRP	R	Power Density ² (PD)	Power Density Limit	Margin
MHz	dBm	dBi	%	dBm	W	m	W/m ²	W/m ²	dB
148	37.80	3.00	1.0	20.80	0.120	0.2	0.2	1.291	7.32

¹EIRP_{dBm} = P + G+10Log(D/100)

²PD = EIRP_{mW}/(4πR²)