

Manufacturer: Andrew Wireless Systems

Model: Radio Module L2 B12+13+14

FCC ID: XS5-RML2B12-13-14

IC: 2237E-RML2B121314

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

	Frequency (f)	Output power (P)	Antenna Gain (G)	Combiner Loss	MIMO Factor	Duty Cycle (DC)	EIRP ¹	EIRP	Distance (R)	Power Density (PD) ²	Power Density Limit	Margin
	MHz	dBm	dBi	dB	dB	%	dBm	mW	cm	mW/cm ²	mW/cm ²	dB
B12	731,5	22,5	9,0	-3,00	3,00	100,0	31,5	1413	20	0,281	0,488	2,4

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)	Output power (P)	Antenna Gain (G)	Combiner Loss	MIMO Factor	Duty Cycle (DC)	EIRP ¹	EIRP	Distance (R)	Power Density (PD) ²	Power Density Limit	Margin	Exemption Limit
	MHz	dBm	dBi	dB	dB	%	dBm	W	m	W/m ²	W/m ²	dB	W
B12	731,5	22,5	9,0	-3,00	3,00	100,0	31,5	1,41	0,22	2,322	2,374	0,1	1,19

¹EIRP_{dBm} = P + G + Combinar Loss + MIMO Factor + 10 Log (DC/100)

²PD = EIRP/(4πR²)