

Manufacturer: Andrew Wireless Systems

Model: Radio Module L2 B5+27

FCC ID: XS5-RML2B5-27

IC: 2237E-RML2B5-27

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
B5	871,5	22,2	9,0	-3,00	3,00	100,0	31,2	1318	20	0,262	0,581	3,5

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
B5	871,5	22,2	9,0	-3,00	3,00	100,0	31,2	1,32	0,2	2,623	2,676	0,1	1,34

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

²PD = EIRP/(4πR²)