

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) MHz	Output power (P) dBm	Antenna Gain (G) dBi	Combiner Loss dB	MIMO Factor dB	Duty Cycle (DC) %	EIRP ¹ dBm	EIRP mW	Distance (R) cm	Power Density (PD) ² mW/cm ²	Power Density Limit mW/cm ²	Margin dB
B27	864,5	22,2	9,0	-3,00	3,00	100,0	31,2	1318	20	0,262	0,576	3,4

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) MHz	Output power (P) dBm	Antenna Gain (G) dBi	Combiner Loss dB	MIMO Factor dB	Duty Cycle (DC) %	EIRP ¹ dBm	EIRP W	Distance (R) m	Power Density (PD) ² W/m ²	Power Density Limit W/m ²	Margin dB	Exemption Limit W
B27	864,5	22,2	9,0	-3,00	3,00	100,0	31,2	1,32	0,2	2,623	2,661	0,1	1,33

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

²PD = EIRP/(4πR²)