

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	Output	Antenna	Combiner	MIMO	Duty Cycle			Distance	Power	Power	
	(f)	power (P)	Gain (G)	Loss	Factor	(DC)	EIRP ¹	EIRP	(R)	Density (PD) ²	Density Limit	Margin
	MHz	dBm	dBi	dB	dB	%	dBm	mW	cm	mW/cm ²	mW/cm ²	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	Output	Antenna	Combiner	MIMO	Duty Cycle			Distance	Power	Power		Exemption
	(f)	power (P)	Gain (G)	Loss	Factor	(DC)	EIRP ¹	EIRP	(R)	Density (PD) ²	Density Limit	Margin	Limit
	MHz	dBm	dBi	dB	dB	%	dBm	W	m	W/m ²	W/m ²	dB	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 + Combinar Loss + MIMO Factor + 10 Log (DC/100)

²PD = EIRP/(4πR²)