

FCC ID: 2A3V8SG2
FCC 1.1310 General Population/Uncontrolled Exposure

	Frequency (F)	Power (P)	Duty Cycle (D)	Antenna Gain (G)	EIRP ¹	EIRP	Distance (R)	Power Density ² (PD)	Limit ³	Margin	PD/Limit
	MHz	dBm	dB	dBi	dBm	mW	cm	mW/m ²	mW/cm ²	dB	
DSSS	2440	0.43	0.00	8.1	8.5	7.13	20	0.0014	1.0	28.48	0.0014

IC: 2801-SG2
CANADA RSS-102, Issue 5 General Population/Uncontrolled Exposure

	Frequency (F)	Power (P)	Duty Cycle (D)	Antenna Gain (G)	EIRP ¹	EIRP	Distance (R)	Power Density ² (PD)	Limit ⁴	Margin	PD/Limit	Exemption Limit ⁵
	MHz	dBm	dB	dBi	dBm	W	m	W/m ²	W/m ²	dB		W
DSSS	2440	0.43	0.00	8.1	8.5	0.00713	0.2	0.014	5.41	25.8	0.003	2.71

¹EIRP = P + D + G

²Power Density = EIRP/(4 π r²); Health Canada Technical Guide - Safety Code 6_2015, Eq 5-6 at 5.2; OET Bulletin 65, Edition 97-01, August 1997, Eq (4)

³FCC 1.1310 Table 1; Limit = F/1500 (300 ≤ F ≤ 1,500); Limit = 1 (1,500 MHz ≤ F ≤ 100,000 MHz)

⁴RSS-102 Issue 5 Table 4; Limit = 0.02619 x F^{0.6834} (300 MHz ≤ F ≤ 6,000 MHz)

⁵RSS-102 Issue 5 at 2.5.2; Exemption Limit = 1.31 x 10⁻² x F^{0.6834} (300 MHz ≤ F < 6 GHz)