

FCC ID: 2A3V8SG25
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	2402	5.40	0.00	2.2	7.6	5.75	20	0.0011	1.0	29.41	0.0011

IC: 28021-SG25
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	2402	5.40	0.00	2.2	7.6	0.00575	0.2	0.011	5.35	26.7	0.002	2.68

¹EIRP = P + D + G

²Power Density = $EIRP / (4\pi R^2)$; 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 = $F/1500$ ($300 \leq F \leq 1,500$); Limit = 1 ($1,500 \text{ MHz} \leq F \leq 100,000 \text{ MHz}$)

⁴RSS-102 Issue 5 Table 4; Limit = $0.02619 \times F^{-0.6834}$ ($300 \text{ MHz} \leq F \leq 6,000 \text{ MHz}$)

⁵RSS-102 Issue 5 at 2.5.2; Exemption Limit = $1.31 \times 10^{-2} \times F^{-0.6834}$ ($300 \text{ MHz} \leq F < 6 \text{ GHz}$)