

FCC ID: N5OTR064

FCC 1.1310 General Population/Uncontrolled Exposure

	Frequency (F)	Power (P)	Duty Cycle	Duty Cycle (D)	Antenna Gain (G)	EIRP ¹	EIRP	Distance (R)	Power Density ² (PD)	Limit ³	Margin
	MHz	dBm	%	dB	dBi	dBm	mW	cm	mW/m ²	mW/cm ²	dB
FHSS	914.78	29.65	21.00	-6.78	6	28.9	771.29	20	0.15344	0.610	6.0
FHSS	2480	20.68	4.30	-13.67	6	13.0	20.02	20	0.004	1.0	24.0
DSSS	2480	16.75	4.30	-13.67	6	9.1	8.10	20	0.0016	1.0	27.93

IC: 6476A-TR064

CANADA RSS-102, Issue 5 General Population/Uncontrolled Exposure

	Frequency (F)	Power (P)	Duty Cycle	Duty Cycle (D)	Antenna Gain (G)	EIRP ¹	EIRP	Distance (R)	Power Density ² (PD)	Limit ⁴	Margin	Exemption Limit ⁵
	MHz	dBm	%	dB	dBi	dBm	W	m	W/m ²	W/m ²	dB	W
FHSS	914.78	29.65	21.00	-6.78	6	28.9	0.77129	0.2	1.5344	2.77	2.56	1.38
FHSS	2480	20.68	4.30	-13.67	6	13.0	0.02002	0.2	0.04	5.469	21.4	2.74
DSSS	2480	16.75	4.30	-13.67	6	9.1	0.00810	0.2	0.016	5.47	25.3	2.74

¹EIRP = P + D + G

²Power Density = EIRP/(4πr²); 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)