

FCC ID: LDK073002357
FCC 1.1310 General Population/Uncontrolled Exposure

	Frequency (F)	Radiated Power (P)	Duty Cycle		EIRP ¹	EIRP	Distance (R)	Power Density ²	Limit ³	Margin
			Duty Cycle (%)	(D) dB				(PD) mW/m ²		
	MHz	dBm	%	dB	dBm	mW	cm	mW/m ²	mW/cm ²	dB
BLE	2402	4.70	100.00	0.00	4.7	2.95	20	0.001	1.0	32.3
BT	2402	11.70	100.00	0.00	11.7	14.79	20	0.0029	1.0	25.31
2.4GHzwi-fi	2437	24.50	100.00	0.00	24.5	281.84	20	0.056	1.0	12.5
5GHz wi-fi	5825	21.30	100.00	0.00	21.3	134.90	20	0.0268	1.0	15.71

IC: 2461N-073002357
CANADA RSS-102, Issue 5 General Population/Uncontrolled Exposure

	Frequency (F)	Radiated Power (P)	Duty Cycle		EIRP ¹	EIRP	Distance (R)	Power Density ²	Limit ⁴	Magin	Exemption
			Duty Cycle (%)	(D) dB				(PD) W/m ²			Limit ⁵ W
	MHz	dBm	%	dB	dBm	W	m	W/m ²	W/m ²	dB	W
BLE	2402	4.70	100.00	0.00	4.7	0.00295	0.2	0.01	5.351	29.6	2.68
BT	2402	11.70	100.00	0.00	11.7	0.01479	0.2	0.029	5.35	22.6	2.68
2.4GHzwi-fi	2437	24.50	100.00	0.00	24.5	0.28184	0.2	0.56	5.404	9.8	2.70
5GHz wi-fi	5825	21.30	100.00	0.00	21.3	0.13490	0.2	0.268	9.80	15.6	4.90

¹EIRP = P + D + G
²Power Density = EIRP/(4xπxR²); 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)