

FCC ID: HS9-20152824

Models: 201-528-24-BK, 201-528-24-WH

In normal installation, antennas are more than 20cm away from users and therefore considered as mobile devices for RF exposure. Maximum Permissible Exposure (MPE) can be calculated as follows:

Equation from page 18 of OET Bulletin 65, Edition 97-01					
	$S = \frac{PG}{4\pi R^2}$				
where:	S = power density				
	P = power input to the antenna				
	G = power gain of the antenna in the direction of interest relative to an isotropic radiator				
	R = distance to the center of radiation of the antenna				

Device has the following characteristics.

Radio	Frequency (MHz)	Conducted Power (dBm)	Antenna Gain (dBi)	MPE (mW/cm ²)	Limit at 20cm (mW/cm ²)
ZigBee	2405-2480	19.1	1.3	0.021814	1.0
BLE	2402-2480	4.5	1.3	0.000756	1.0

There is no simultaneous transmission in these devices.

Per above, device complies with FCC's RF radiation exposure limits for general population as a mobile device (d >20cm).