FCC ID: 2AHPN -BE2834
Model: G31 HIGH

Device is an Automotive Infotainment Unit with Bluetooth/WLAN. In normal installation, its antenna is more than 20cm away from users and therefore considered as a mobile device 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/cm2)	Limit at 20cm (mW/cm2)
Bluetooth	2402-2480	4.23	1.18	0.000691	1.0
802.11bgn(20)	2412-2462	17.9	1.18	0.016096	1.0
802.11a/n(HT20)/ac(VHT20)	5180-5240	10.442	3.2	0.004602	1.0
802.11n(HT40)/ac(VHT40)	5190-5230	10.369	3.2	0.004525	1.0
802.11ac(VHT80)	5210-5210	9.313	3.2	0.003548	1.0
802.11a/n(HT20)/ac(VHT20)	5745-5825	11.986	3.2	0.006566	1.0
802.11n(HT40)/ac(VHT40)	5755-5795	11.708	3.2	0.006159	1.0
802.11ac(VHT80)	5775-5775	10.644	3.2	0.004821	1.0

None of the radios can transmit simultaneously.

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