

**FCC ID: 2AHPN -BE2832**

**Model: G31 BASE+**

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/cm <sup>2</sup> )	Limit at 20cm (mW/cm <sup>2</sup> )
Bluetooth	2402-2480	1.26	1.18	0.000349	1.0

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