

**FCC ID: 2AHPN -BE2843**

**Model: INFO3.5 CSM MY20 MID**

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					
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	8.294	5.98	0.005323	1.0
802.11bgn(20)	2412-2462	12.229	1.3	0.004484	1.0
802.11a/n(HT20)/ac(VHT20)	5180-5240	7.135	5.05	0.003290	1.0
802.11n(HT40)/ac(VHT40)	5190-5230	6.25	5.05	0.002684	1.0
802.11ac(VHT80)	5210-5210	5.625	5.05	0.002324	1.0
802.11a/n(HT20)/ac(VHT20)	5745-5825	9.148	5.05	0.005230	1.0
802.11n(HT40)/ac(VHT40)	5755-5795	4.961	5.05	0.001994	1.0
802.11ac(VHT80)	5775-5775	4.302	5.05	0.001714	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).