ATTACHMENT H – CFR15.247(b)(4) RF EXPOSURE COMPLIANCE

RF energy generated by EUT shall meet CFR1.1307 (b)(1) guideline.

RADIATED PEAK POWER (dBm/m)	MAXIMUM CONDUCTED OUTPUT (dBm)	ANTENNA GAIN (dBi)
11.9	9.8	2.1

ANTENNA GAIN (dBi)	MAXIMUM CONDUCTED OUTPUT (dBm)	EIRP (dBm)	EIRP (mW)	MPE DISTANCE (cm)	MINIMUM ALLOWABLE EXPOSURE SEPARATION DISTANCE (cm)
2.1	9.8	11.9	15.5	<2.1	20

1. According to FCC Part 2.1091, the EUT should be classified as a mobile device At normal usage results in more than 20cm separation between user and antenna. The Maximum Permissible Exposure (MPE) shown in 47 CFR1.1310 is $1mW/cm^2$ for 2.4GHz band.

2. EIRP = P (dB) $_{\text{(Max. Conducted output)}}$ + G (dB) $_{\text{(Antenna Gain)}}$

3. MPE distance are based on a conservative "worst case" prediction. Using formula $S = EIRP / 4\pi R^2$ and no calculation for duty factor. In practice the minimum distance will be shorter.

The following statement will be place in user's manual:

"CAUTION: To comply with FCC RF exposure requirements, a separation distance of at least 8 inches (20cm) must be maintained between the antenna of this and all persons."