EXHIBIT 8A – FCC MPE PART 15

See Attached

Transmitters do not simultaneously transmit

<table>
<tr><td colspan="2" align="center">**Prediction of MPE Limit**
47 CFR § 2.1091/ § 2.1093</td></tr>
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$$S_{20} = \frac{P_A G_N}{4\pi R_{20}{}^2} \qquad S_C = \frac{P_A G_N}{4\pi R_C{}^2} \qquad R_C = \sqrt{\frac{P_A G_N}{4\pi\, S_L}}$$

$$S_L = \frac{f}{1500} \ (\text{mW/cm}^2)$$

$S_{20} =$ Power Density of the Device at 20cm
$S_L =$ Power Density Limit
$S_C =$ Power Density of the Device at the Compliance Distance R_C
$R_{20} =$ 20cm
$R_c =$ Minimum Distance to the Radiating Element to Meet Compliance
$P_T =$ Power Input to Antenna
$P_A =$ Adjust Power
$G_N =$ Numeric Gain of the Antenna
$f =$ Transmit Frequency

Transmit Duty Cycle = 100%

Use Group = General Popuation

Transmit Duty Cycle:	100.00	(%)
Tx Frequency (f):	433.50	(MHz)
RF Power at Antenna Input Port (P_T):	11.00	(mW)
Antenna Gain:	-2.50	(dBi)
Numeric Antenna Gain (G_N):	0.56	(numeric)
Cable or Other Loss:	0.00	(dB)
Duty Cycle/Loss Adjusted Power (P_A):	11.00	(mW)

$S_L =$	0.289	(mW/cm^2)
S_{20} at 20cm =	0.001	(mW/cm^2)
$R_C =$	1.3	(cm)
$S_C =$	0.29	(mW/cm^2)

RESULT **PASS**

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