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To Whom it May Concern
RedCONNEX Max+; AN-80i (3.3-3.8 GHz)

RF Exposure Safe Distance (worst case):

Equation from page 19 of OET Bulletin 65, Edition 97-01,
Health Canada - Safety Code 6 (RSS 102) and
EMF Exposure Directive (99/519/EC)

$$S = \frac{PG}{4\pi R^2} \text{ and } R = \sqrt[1/2]{\text{EIRP}/4\pi S}$$

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

EIRP= equivalent (effective) isotropic radiated power

R = distance to the center of radiation of the antenna

Maximum output power at antenna input terminal: 25 (dBm) / 316 (mW)

Antenna gain (typical): 28 (dBi)

EIRP: 25 + 28 = 53 (dBm)

Frequency: 3600-3700 (MHz)

MPE limit for uncontrolled exposure at operating frequency: 1 (mW/cm²)

Which; results in the following recommended min. RF safe exposure distance: 126.00 cm, **SAY 1.3 m**

You can contact of the undersigned of you have any questions.

Sincerely Yours,

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