FCC ID: SA3-AGN0912AR0100
1X2 APx Transmitter Module Characteristics

| Item | Requirements | EUT |
| :---: | :--- | ---: |
| $\mathbf{1}$ | Have its own RF shielding | $\begin{array}{c}\text { Device is equipped with Metal } \\ \text { shielding to cover RF section. } \\ \text { Refer to external photos }\end{array}$ |
| $\mathbf{2}$ | $\begin{array}{l}\text { Have buffered modulation/data inputs (if such } \\ \text { inputs are provided), }\end{array}$ | $\begin{array}{c}\text { All inputs to the modules are } \\ \text { buffered through logic or } \\ \text { microprocessor inputs. }\end{array}$ |
| $\mathbf{3}$ | Have it own power supply regulation | $\begin{array}{c}\text { Internal power regulator. } \\ \text { Refer to Block diagram }\end{array}$ |
| $\mathbf{4}$ | $\begin{array}{l}\text { Meet the antenna requirements of Section } \\ 15.203\end{array}$ | $\begin{array}{c}\text { Device is equipped with } \\ \text { unique antenna (I-PEX) } \\ \text { connector. Refer to external } \\ \text { photos }\end{array}$ |
| $\mathbf{5}$ | $\begin{array}{l}\text { Be tested in a stand-alone configuration, i.e., the } \\ \text { antenna, AC or DC power and data input/output } \\ \text { lines must be connected to the module but, the } \\ \text { module must not be inside another case during } \\ \text { testing }\end{array}$ | $\begin{array}{c}\text { Device was tested on an } \\ \text { extender board connected to } \\ \text { laptop. Refer to setup photos. }\end{array}$ |
| $\mathbf{6}$ | $\begin{array}{l}\text { Be labeled with its own FCC ID number, and if } \\ \text { the FCC ID is not visible when the module is } \\ \text { installed inside another device, then the outside } \\ \text { of the device into which the module is installed } \\ \text { must also display a label referring to the } \\ \text { enclosed module. }\end{array}$ | $\begin{array}{c}\text { A proposed FCC ID label } \\ \text { format and location file is } \\ \text { included in the filing. } \\ \text { Labeling requirement on the } \\ \text { systems in which the module is } \\ \text { to be installed is included in } \\ \text { the Installation Guide in the } \\ \text { filing. Refer to FCC ID label } \\ \text { format and location file and } \\ \text { the Installation Guide. }\end{array}$ |
| $\mathbf{7}$ | $\begin{array}{l}\text { The modular transmitter is manufactured so that } \\ \text { the user cannot influence the operation of the } \\ \text { transmitter that will operate outside of the scope } \\ \text { of the regulations. }\end{array}$ | $\begin{array}{l}\text { Refer to "User's Guide" } \\ \text { Exhibit }\end{array}$ |
| $\mathbf{A d d r e s s ~ c o m p l i a n c e ~ w i t h ~ t h e ~ C o m m i s s i o n ' s ~ R F ~}$ |  |  |
| exposure limits in Sections 1.1310 and 2.1093. |  |  |
| In addition, spread spectrum transmitters |  |  |
| operating under Section 15.247 are required to |  |  |
| address RF exposure compliance in accordance |  |  |
| with Section 15.247(b)(4). |  |  |\(\left.\quad \begin{array}{l}MPE calculations submitted \\

for 3 dBi antennas. Product \\
will not be used in portable \\
devices.\end{array}\right\}\)

