Exhibit 1

This Application seeks Commission approval for modification of the Station WJ2XTF license to:

1. For the frequency range of 24-24.05 GHz - modify 0M50F3N to "1M00F3N"

2. Add the new frequency range of "24.45 to 24.65 GHz"

3. Modify the frequency range of 24.65-24.7 GHz to "24.65-24.75 GHz" and add the "P0N" emission designator[1]

4. Add the new frequency range of "24.75-25.05 GHz"

No other changes to the license are requested.

[1] BAE Systems notes that the emissions of this particular experiment – which are intended to last 30 seconds to 1 minute - are appropriately specified as "pulsed" (designated with a "P" as the first symbol in the emission designator). Pulse measurement definitions are defined by the document 181-2011 - *IEEE Standard for Transitions, Pulses, and Related Waveforms*. As applied to an RF signal, a pulse is a burst of electromagnetic energy. The length of time between the rise and the decay of a single pulse is called the pulse duration or pulse width, while the length of time from the beginning of one pulse to the beginning of the next is called the pulse interval. A pulse may last from a fraction of a nanosecond up to several seconds or even minutes. There may be a single pulse, or multiple pulses which can occur in a sequence - a "pulse train". While digital pulses have well-defined shapes (e.g. rectangular or triangular), pulses can have irregular shapes and can occur at random intervals.