

FAA REGIONAL COORDINATION FORM

PLEASE PROVIDE ANSWERS IN BLUE.

- 1 Peak Envelope Power:
 - 46.624 Watts (including Antenna Gain)
- 2 Type of Antenna:
 - Vertical dipole
- 3 Transmit Antenna Gain:
 - 2.524 dB
- 4 Antenna Polarization:
 - Vertical
- 5 The azimuth that the antenna is pointed or the appropriate designator to indicate whether the antenna is rotating, non-directional, etc.:
 - Vertical dipole – not directional
- 6 Pulse repetition (PRR) that the equipment is capable of operating on to include PRR stagger sequences if appropriate, whether the PRR is adjustable and what PRRs the equipment can accept, and any other information that will be helpful in understanding the pulse characteristics of the equipment:
 - For 1M20G7D & 1M20G1D – 700 Hops per second
 - For 100HP0N – 0.1 to 10 pulses per second
- 7 Pulse Width:
 - For 1M20G7D & 1M20G1D – 1 ms pulses
 - For 100HP0N – 50 ms to 5 sec pulses
- 8 Equipment Nomenclature:
 - FlexNet 4 Radio as previously described in license for Callsign WC9XUV. Manufacturer – Rockwell Collins. Model Number FlexNet-4, Equipment is Pre-EDM (Engineering Development Model).
 - RF Signal Generator. Manufacturer Agilent.
 - Ground Mobile Radio (GMR). Manufacturer Rockwell Collins. Pre-EDM or EDM units.
- 9 Whether the equipment is capable of blanking transmissions in certain azimuths and any limitation in respect to blanking:
 - Not capable
- 10 Radius of Operations (if appropriate):
 - Within 10 km, centered around NL 32-59-42; WL 96-39-44
- 11 Detailed description of proposed operation to include any technical parameters that will be altered during operations:
 - Testing operation of Rockwell Collins networking radios using either 1M20G7D, 1M20G1D or 100HP0N
- 12 Frequency:
 - 2 frequency bands: 240 – 450 MHz and 1700 – 2000 MHz