Experimental Earth Station (ES) Attachment for Part 5 Applications

1. ES Identifying Information:
   1. Call sign:
   2. Specific ES location or area of operation:
      1. For specific Location
         1. Full address: [City], [State Abbreviation] (ex. Nuevo, CA) and;
         2. Coordinates of specific Location(s) (WGS84 datum preferred):
            1. Latitude: X° X' X" N
            2. Longitude: X° X' X" W
      2. For area of operations: describe the area of operation for which no specific name can be applied (e.g. US&P, AK, etc.).
   3. Reference File Number:
2. List all points of communication with any relevant callsigns
3. Provide the antenna:
   1. Manufacturer:
   2. Quantity:
   3. Size (meters):
   4. Single or Multibeam:
   5. Azimuth / Elevation Range:
   6. Tracking Velocity:
   7. Traffic Type (e.g. payload, telemetry, telecommand):
4. For each uplink provide:
   1. Center Frequency or frequency band if required to operate on any specific frequency, or located within the range that the bandwidth does not extend beyond the lower and upper limits requested:
   2. Channel Bandwidth:
   3. Emission Designator:
   4. Uplink Polarization (e.g. RHCP, LHCP, dual):
   5. Beamwidth:
   6. Total Input Power at antenna flange (Watts):
   7. Antenna Gain (dBi at a specified frequency):
   8. Max EIRP Per Carrier (dBW):
   9. Max EIRP Density per Carrier (For bands < 15 GHz, specify in dBW/4 kHz; for bands ≥ 15 GHz, specify in dBW/MHz):
5. For each downlink provide:
   1. Center Frequency or frequency band if required to operate on any specific frequency so located within the range that the bandwidth does not extend beyond the lower and upper limits requested:
   2. Emission Designator:
   3. Downlink Polarization (e.g. RHCP, LHCP, dual):
   4. Antenna Gain (dBi at a specified frequency):
   5. G/T: