QUESTION AND ANSWER (QA), dated 11AUG2026

1. CLIN 0001 specifies a transmit power of 400mW configurable to 50mW. Can you confirm whether the 50mW minimum power output is a hard requirement, or whether a minimum configurable output of 250mW would be acceptable?

   50mW is a hard requirement. This allows us to adjust for the mission set to lower the power, if necessary, if we require lower emission.

2. CLIN 0001 specifies modulation 8PSK/16QAM. Can you confirm the required emission designators or whether this requirement is specific to P25 Phase 2 Trunking operation?

   The digital phase shift key modulation allows for the use of the Trunking system. QAM is not a requirement, but it allows for faster more dense transmissions.

3. Is this for a P25 Phase 2 Trunking application? Can you tell us what emission codes it needs to support?

   Yes.
   BST35 uses digital 20K0D7W and analog 11K2F3E
   MP50 uses digital 20K0D7W and analog 20K0F3E and GPS 16K0G1D
   20K0D7W – Allows for digital talk groups communication encrypted with AES256
   16K0G1D – Allows for emergency GPS beaconing and dissemination through AIS
   20K0F3E – UHF to allow comms through Search and Rescue
   11K2F3E – Standard narrow band FM VHF/UHF