TruLink Models CA6972 and ME6970 are Pi/4 DQPSK Adaptive Frequency Hopping Spread Spectrum devices with an Emissions Designator of 300KGXE.

- Atomic hop channel unswept bandwidth is 300 KHz programmable on 50 KHz spectrum intervals between the low and high frequency limits, with restrictions for NTIA specified ranges of :
    - **328.6 – 335.4 MHz Aeronautical Radio Navigation - ILS**
    - **399.9 – 400 MHZ Radio Navigation - Satellite**
- These devices will avoid hop channels when other radiators are detected.
- These are low power and adaptive power omni-directional radiating devices operating at 250 mW EIRP or less.

For the purpose of this application for STA, in accordance with 47 CFR, Chapter 1, part 5.3, (d), (f), (g) the 300 KHz hop channels requested are as follows:

300, 302.5, 305, 307.5, 310, 312.5, 315, 317.5, 320, 322.5, 325, 327.5 MHz,

337.5, 340, 342.5, 345, 347.5, 350, 352.5, 355, 357.5, 360, 362.5, 365, 367.5, 370, 372.5 MHz,

377.5, 380, 382.5, 385, 387.5 MHz,

392.5 MHz.