

Application for type Acceptance

- a. Manufacturer: THALES ATM, INC.
23501 West 84th Street
Shawnee, KS 66227-3296
- b. Identification: Model: ILS420LOC
FCC I.D.: BOJ ILS420LOC
- c. Plan to produce quantity production
- d. (1) Emission Type: 9K50A3N
- (2) Frequency Range: Operates across the band of 108.1
To 111.95 MHz in 50 KHz increments.
- (3) Operating Power Level:

Carrier : 15 W nominal, Software adjustable from 0 to 17.0 Watts.
Sideband Only: 0.150 W nominal, Software adjustable 0 to 1.0 Watts.
- (4) Max P_o: 25 Watts.
- (5) DC Voltages and Currents of PA Final:

The final amplifier runs at 3.52 A @ 24V, 84.5 Watts
- (6) Function of each semiconductor device in transmitter:

Refer to attached circuit diagram and reference material.
- (7) Circuit diagrams:

Refer to attached circuit diagram and reference material.
- (8) Instruction Book:

Refer to attached portions of the Instruction Manual.
- (9) Tune Up Procedure for Output Power:

Refer to attached tune up procedure.
- (10) Frequency Plan:

Refer to attached circuit diagram and reference material
- (11) Spurious and Limiting Circuits:

Refer to attached circuit diagram and reference material
- (12) Digital Modulation:

Not Applicable

(13) Frequency Plan:

Refer to attached circuit diagram and reference material

(14) Spurious and Limiting Circuits:

Refer to attached circuit diagram and reference material

(15) Digital Modulation:

Not Applicable