

Application for type Acceptance

a. Manufacturer: THALES ATM, INC.
23501 West 84th Street
Shawnee, KS 66227-3296

b. Identification: Model: ILS 420 GS
FCC I.D.: BOJ ILS420GS

c. Plan to produce quantity production

d. (1) Emission Type: 10K0A3N

(2) Frequency Range: Operates across the band of 329.15
To 335.0 MHz in 150 KHz increments.

(3) Operating Power Level:
Carrier : 3 W nominal, Software adjustable from 0 to 5.0 Watts.
Sideband Only: 0.050 W nominal, Software adjustable 0 to 0.8 Watts.

(4) Max P_o:
5 Watts.

(5) DC Voltages and Currents of PA Final:
The final amplifier runs at 1 A @ 24V, 24 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