

## **Harris HT55-SLP, NTSC channel 5, 77.25 / 81.75 MHz**

Manufacture date 6/22/1998

Description: Solid State TV transmitter, air cooled, 50 kw visual, 5 kw aural power output.

The transmitter power amplifier consists of 5 cabinets, each cabinet rated at 10 kw visual, 1 kw aural. Cabinet RF outputs are externally combined. AC power input is 208 VAC 3-phase.

Was in operation at 34.7 kw visual power output and 5 kw aural output. The transmitter was cooled by a dual-unit air conditioning system with filtration, with air circulating in a closed loop. The only outside air admitted into the system was through doors and unintentional leaks.

Each PA cabinet contains:

- A supervisory CPU module
- A visual driver amplifier
- An aural driver amplifier,
- 11 1kw RF power amplifiers
- Two DC power supplies, 50V @ 200+ Amps
- Input power dividers
- Output power combiners
- Aural and Visual directional couplers on cabinet RF outputs

All modules are present in each cabinet

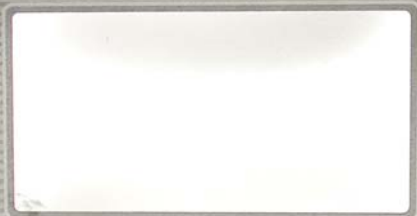
The two exciter-control cabinets contain two Harris NTSC exciters, supervisory CPU and Front panel controls, aural and visual distribution amplifiers, exciter select relays And RF drive phasors. All original parts are present in each cabinet.

Other transmitter equipment on hand:

- Myat Channel 5 five input 50-ohm Visual combiner, 50 kw 3 1/8" coax fittings
- Myat Channel 5 five input 50-ohm Aural combiner, 5 kw 1 5/8" coax fittings
- Myat Channel 5 coaxial low-pass filter 3 1/8"
- Myat Channel 5 aural low pass filter 1 5/8"
- Myat Channel 5 visual color notch filter 3/18"
- One spare Harris 50V power supply for PA cabinet
- Various RG-223 cables, exciter outputs to PA cabinet inputs.

 HARRIS

HT 55LSP



TRANSMITTER



VISUAL POWER



AURAL POWER

