

(A1) Single UHF Exciter Assembly**(A1-A6) Metering Control Panel, 837B Translator****Combined**

Reflected (0 - 120%) = < 5 %

Visual (0 - 120%) = 100 %

Aural (0 - 120%) = 100 %

Reject (0 - 120%) = < 5 %

Amplifier Array Side A

Reflected (0 - 120%) = < 5 %

Forward (0 - 120%) = as needed to attain 100%

Amplifier Array Side B

Reflected (0 - 120%) = < 5 %

Forward (0 - 120%) = as needed to attain 100%

(A1-A1) UHF Exciter TrayAudio (0 - 100 kHz) = ± 25 Bal or ± 75 kHz Stereo % Exciter (0 - 120%) = < 30 %

Video (0 - 1 V) = 1 Vpk-pk at White

ALC (0 - 1 V) = .8 V

(A1-A4) Phase/Gain Tray Side A

ALC (0 - 1 V) = .6 - 1 V Typical

% Power (0 - 120%) = < 50 %

(A1-A5) Phase/Gain Tray Side B

ALC (0 - 1 V) = .6 - 1 V Typical

% Power (0 - 120%) = < 50 %

(A2 & A3) 2-3 kW Amplifier Array Assemblies

Two Amplifier Arrays, each with four, five or six UHF Amplifier Trays

(A2) Side A**(A2-A1)**

AGC Voltage = 1 V - 2 V

% Reflected = < 5 % with all Trays operating.

% Output Forward = The level is as needed to attain 100% Output Power from the Transmitter.

Power Supply = +32 V

(A2-A2)

AGC Voltage = 1 V - 2 V

% Reflected = < 5 % with all Trays operating.

% Output Forward = The Level is as needed to attain 100% Output Power from the Transmitter.

Power Supply = +32 V

(A2 & A3) 2-3 kW Amplifier Array Assemblies

Two Amplifier Arrays, each with four, five or six UHF Amplifier Trays

(A2) Side A - Continued**(A2-A3)**

AGC Voltage = 1 V - 2 V

% Reflected = < 5 % with all Trays operating.

% Output Forward = The level is as needed to attain 100% Output Power from the Transmitter.

Power Supply = +32 V

(A2-A4)

AGC Voltage = 1 V - 2 V

% Reflected = < 5 % with all Trays operating.

% Output Forward = The Level as needed to attain 100% Output Power from the

Power Supply = +32 V

(A2-A5) (Optional with 5kW)

AGC Voltage = 1 V - 2 V

% Reflected = < 5 % with all Trays operating.

% Output Forward = The level is as needed to attain 100% Output Power from the Transmitter.

Power Supply = +32 V

(A2-A6) (Optional with 6kW)

AGC Voltage = 1 V - 2 V

% Reflected = < 5 % with all Trays operating.

% Output Forward = The level is as needed to attain 100% Output Power from the Transmitter.

Power Supply = +32 V

(A3) Side B**(A3-A1)**

AGC Voltage = 1 V - 2 V

% Reflected = < 5 % with all Trays operating

% Output Forward = The level is as needed to attain 100% Output Power from the Transmitter.

Power Supply = +32 V

(A3-A2)

AGC Voltage = 1 V - 2 V

% Reflected = < 5 % with all Trays operating.

% Output Forward = The Level is as needed to attain 100% Output Power from the

Power Supply = +32 V

(A3-A3)

AGC Voltage = 1 V - 2 V

% Reflected = < 5 % with all Trays operating.

% Output Forward = The level is as needed to attain 100% Output Power from the Transmitter.

(A3-A4)

AGC Voltage = 1 V - 2 V

% Reflected = < 5 % with all Trays operating.

% Output Forward = The Level is as needed to attain 100% Output Power from the

Power Supply = +32 V

Power Supply = +32 V

(A2 & A3) 2-3 kW Amplifier Array Assemblies

Two Amplifier Arrays, each with four, five or six UHF Amplifier Trays

(A3) Side B - Continued**(A3-A5) (Optional with 5kW)**

AGC Voltage = 1 V - 2 V

% Reflected = < 5 % with all Trays operating.

% Output Forward = The level is as needed to
attain 100% Output Power from the Transmitter.
Transmitter.

Power Supply = +32 V

(A3-A6) (Optional with 6kW)

AGC Voltage = 1 V - 2 V

% Reflected = < 5 % with all Trays operating.

% Output Forward = The level is as needed to
attain 100% Output Power from the
Transmitter.

Power Supply = +32 V