(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 Tray

Audio (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)	**(A2-A2)**
AGC Voltage = 1 V - 2 V	AGC Voltage = 1 V - 2 V
% Reflected = < 5 % with all Trays operating.	% Reflected = < 5 % with all Trays operating.
% Output Forward = The level is as needed to attain 100% Output Power from the Transmitter.	% Output Forward = The Level is as needed to attain 100% Output Power from the Transmitter.
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

(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 Transmitter.

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 Transmitter.

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 Transmitter.

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)	**(A3-A6) (Optional with 6kW)**
AGC Voltage = 1 V - 2 V	AGC Voltage = 1 V - 2 V
% Reflected = < 5 % with all Trays operating.	% Reflected = < 5 % with all Trays operating.
% Output Forward = The level is as needed to attain 100% Output Power from the Transmitter.	% Output Forward = The level is as needed to attain 100% Output Power from the Transmitter.
Power Supply = +32 V	Power Supply = +32 V