

SCREEN SERVICE BROADCASTING TECHNOLOGIES

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TUNE –UP PROCEDURE

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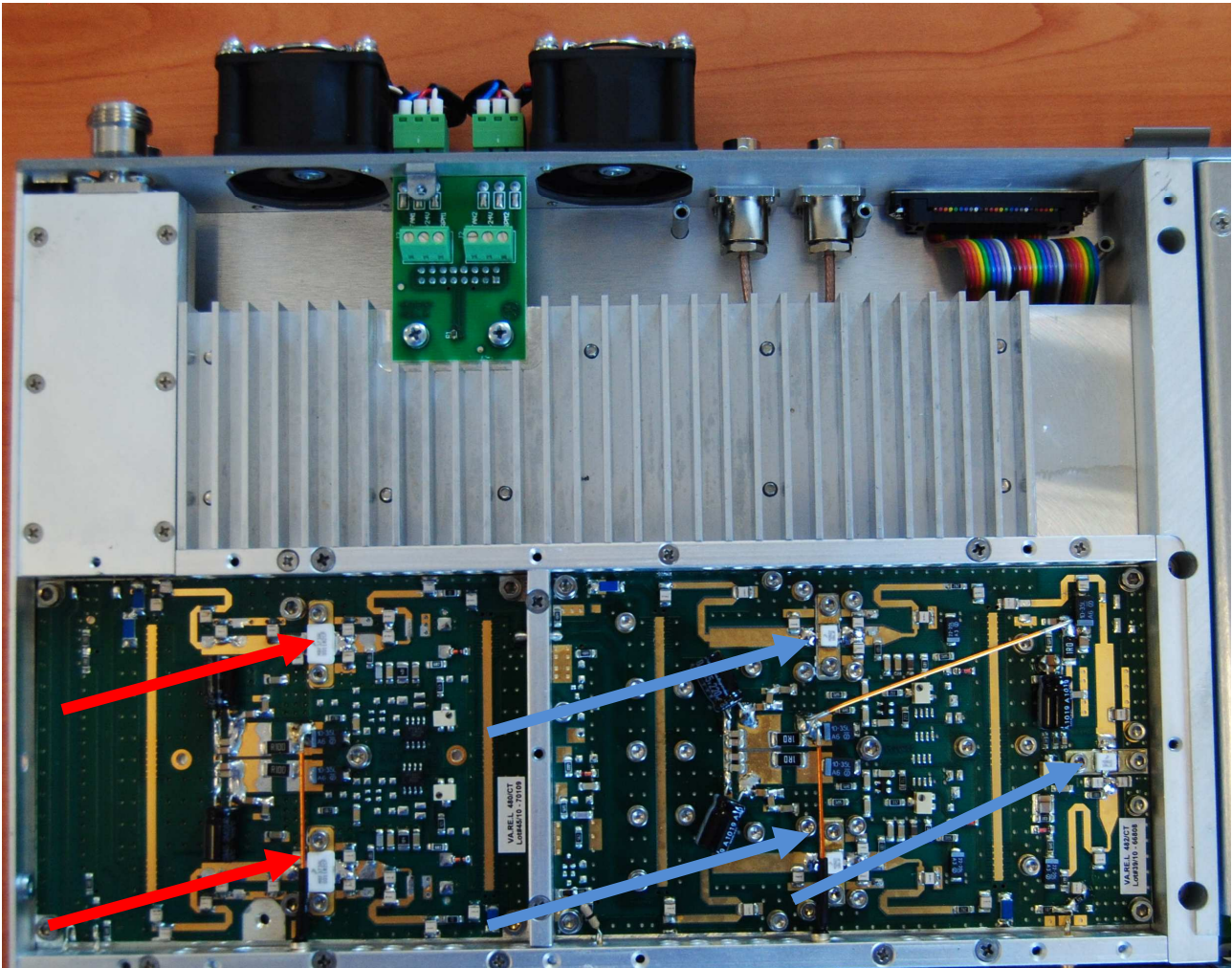
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1.1 PURPOSE

The document purpose is to give the sufficient and necessary information about:

1. DC VOLTAGE AT RATED RF OUTPUT POWER: 20 W RMS
2. DC CURRENT AT RATED RF OUTPUT POWER: 20 W RMS



FINAL STAGES: VDC 28 V; IDC 2.4 A EACH
DRIVER STAGES: VDC 28 V; IDC 450 mA

FINAL STAGES CURRENT VALUES ARE SLIGHTLY FREQUENCY DEPENDANT

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1.2 CHANNEL SETTING

The channel setting operations are the following:

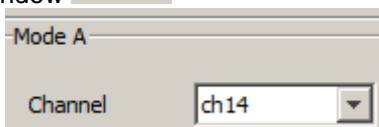
1. Connect the equipment by the front TCP/IP connector to the LAP TOP using the IP address shown by the front display. The following alternatives will appears



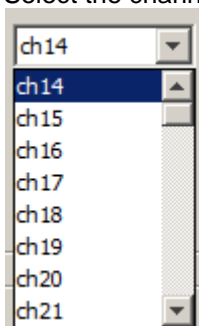
2. Once connected select the window



3. Select the channel in mode A

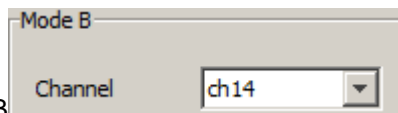


and by pushing the down arrow

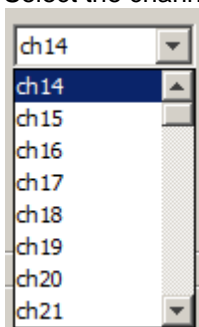


select the operating channel

4. Select the channel in mode B



and by pushing the down arrow



select the operating channel

5. Save the new setting by pushing



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1.3 OUTPUT POWER SETTING

The output power setting operations are the following:

1. Connect the equipment by the front TCP/IP connector to the LAP TOP using the IP address shown by the front display. The following alternatives will appears



2. Once connected select the window



3. Select the output power in mode A. There are two possible option:

a. in dBm (in this case the max value will be 43)

b. in W (in this case the max value will be 20)

4. Select the output power in mode b

c. in dBm (in this case the max value will be 43)

d. in W (in this case the max value will be 20)

5. Save the new setting by pushing



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1.4 INPUT SELECTION

The select the input please operate as follows:

1. Connect the equipment by the front TCP/IP connector to the LAP TOP using the IP address shown by the front display. The following alternatives will appears



2. Once connected select the window

Mode A

Mode A

Channel

Offset [Hz]

Squelch [dBm]

Input ATSC

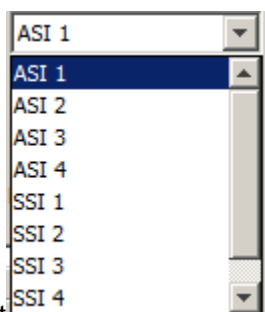
Input ITU470

Audio ITU470

Switching Rules Mode A

No TS Input ☐

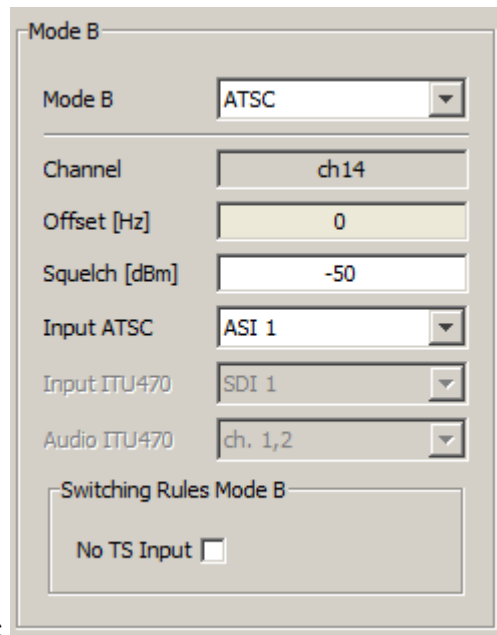
3. Select mode A input ATSC arrow and by pushing the down



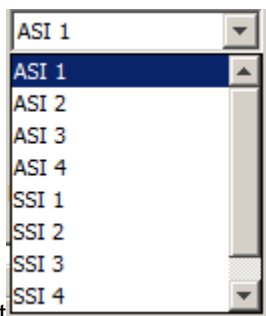
4. Select the input

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5. Select mode B input ATSC and by pushing the down arrow



6. Select the input



7. Save the new setting by pushing

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1.5 THRESHOLD SELECTION

The to select the FORWARD and TEMPERATURE threshold please operate as follows:

1. Connect the equipment by the front TCP/IP connector to the LAP TOP using the IP address shown by the front display. The following alternatives will appears



2. Once connected select the window



3. Select the FWD power THRESHOLD level and the Warning level.

FWD Power Thresholds	
Alarm [dBm]	-3
Warning [dBm]	-2

and select the Alarm

4. Select the Temperature THRESHOLD level and the Warning level.

Temperature Thresholds	
Alarm [°]	60
Warning [°]	55

and select the Alarm

5. Save the new setting by pushing

