

**1795 SERVICE CHANNEL PCB 70269 (NEW), 70270 (REFURBISHED)**

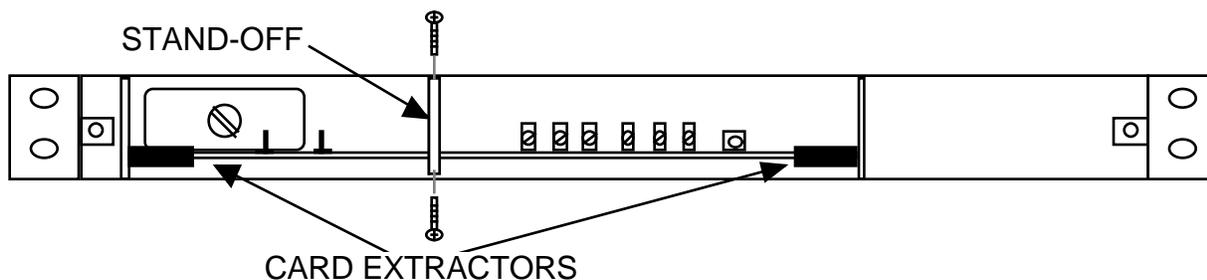
**EQUIPMENT DESCRIPTION** - The Service Channel Converter printed circuit board (PCB) (Table 1.1) is a complete single sideband modulator/demodulator replacement PCB. The cards can be used as spares or to effect rapid frequency changes and are available as new (70269), or refurbished (70270) cards. If old cards are returned functional, they are eligible for credit. See the 1795 Data Sheet for specification details.

**MODELS**

TABLE 1.1 SERIES 1795 REPLACEMENT PCB MODEL NUMBER AND FREQUENCY CHART							
NEW	REFURB	FREQUENCY INFORMATION					
70269-	70270-	Fosc	Flat ( $\pm 0.5\text{dB}$ )BW( 0.125Mhz)	Fc =Fo+0.06	3db BW Fc $\pm 0.100\text{Mhz}$		
565	565	5.650	5.650	5.775	5.7125	5.6125	5.8125
704	704	7.045	7.045	7.170	7.1075	7.0075	7.2075
859	859	8.590	8.590	8.715	8.6525	8.5525	8.7525
885	885	8.850	8.850	8.975	8.9125	8.8125	9.0125
902	902	9.023	9.023	9.148	9.0855	8.9855	9.1855
925	925	9.250	9.250	9.375	9.3125	9.2125	9.4125
830	830	8.300	8.300	8.425	8.3625	8.2625	8.4625
540	540	5.400	5.400	5.525	5.4625	5.3625	5.5625
750	750	7.500	7.500	7.625	7.5625	7.4625	7.6625

**REMOVING OLD PCB**

- A. Disconnect AC or DC power.
- B. Remove plastic front panel.
- C. If installed, remove the center standoff by unscrewing the top and bottom standoff screws (Figure 1.1).
- D. Using the card extractors, gently remove the old card.



**Figure 1.1 1795 Card Removal and Assembly**

**INSTALLING REPLACEMENT PCB**

- A. Gently insert the new card, pushing on the card extractors. This may take some pressure.
- B. If installed, install the center standoff by screwing the top and bottom standoff screws (Figure 1.1).
- C. Attach the plastic front panel.
- D. Connect AC or DC power. Insure green power LED comes on.
- E. Refer to the 1795 manual for any level changes needed.

**RETURNING OLD PCB** - The old cards must be returned in functional condition within two weeks to receive full credit. Use the boxes the new cards were shipped in to return the units and pack them carefully to insure no shipping damage. On receipt and testing of the returned cards to insure they are functional credit will be issued for them.