

**PROGRAM 5C AUTOTUNER TRIAL RESULTS  
HALF-EIGHTH STEPPING, WITH NO BACKWARD STEP(S)**

**Small Magnetic Loop Antenna with 260 pF Variable Capacitor**

TRIAL	1	2	3	4	5
<u>7.277 MHz</u>					
SWR *	1.4	1.3	1.4	1.3	1.4
% of Highest Signal Level **	100%	95%	94%	96% ( <i>89%</i> )	96% ( <i>84%</i> )
No. Active Tuning Sweeps	1	1	1	1	1
<u>14.349 MHz</u>					
SWR *	1.3	1.4	1.5	1.4	1.3
% of Highest Signal Level	95%	95%	86%	98%	97%
No. Active Tuning Sweeps	1	1	1	2	2

Notes: '% Highest Volts' is the percentage of the highest autotuner receiver voltage recorded for either Reconnaissance MAX volts or Tuned Final Volts during the five trials using the specific frequency.

\* SWR measurements were from an MFJ-813 QRP SWR Wattmeter. Actual SWR may be higher than indicated, but not wildly higher.

\*\* During the 40 meter trials there was an indication that the transceiver power was reduced due to the prolonged, continuous CW transmission. There are two readings for trials 4 and 5. The first attempts to compensate for the apparent reduced power, the second, *in italics*, is the actual value.