

VE1COR Small Magnetic Loop Antenna Autotuner Project
March 27, 2018 Trials, Sample Report. Program 5b: Quarter Step Reconnaissance and
Quarter Step Active Tuning Sweeps, With Backwards Step.
20 Meter band. Approx. 2 watts CW tuning signal. Yaesu FT-517 Transceiver.

* * * * *

VE1COR Autotuner program, Direct Method Ver. 5b (Quarter-Quarter)
With Step Back

STARTING MAX. VALUE SWEEP AT QUARTER-STEP

TUNER POS: 897 SIGNAL: 15 HIGHEST YET: 15

TUNER POS: 898 SIGNAL: 216 HIGHEST YET: 216

TUNER POS: 899 SIGNAL: 511 HIGHEST YET: 511

TUNER POS: 900 SIGNAL: 306 HIGHEST YET: 511

TUNER POS: 901 SIGNAL: 79 HIGHEST YET: 511

TUNER POS: 1004 SIGNAL: 36 HIGHEST YET: 511

TUNER POS: 1005 SIGNAL: 204 HIGHEST YET: 511

TUNER POS: 1006 SIGNAL: 468 HIGHEST YET: 511

TUNER POS: 1007 SIGNAL: 94 HIGHEST YET: 511

TUNER POS: 1008 SIGNAL: 18 HIGHEST YET: 511

ACTIVE TUNING AT QUARTER-STEP FOR APPROX. MAX_SIGNAL 511

STARTING ACTIVE TUNING SWEEP: 1 - REF_SIGNAL: 486

TUNER POS: 1 / 858 TUNED SIGNAL: 41

TUNER POS: 1 / 859 TUNED SIGNAL: 343

TUNER POS: 1 / 860 TUNED SIGNAL: 486

STEPPING BACK. SIGNAL: 474

FINAL SIGNAL: 517

FINAL SIGNAL: 518

FINAL SIGNAL: 486

FINAL SIGNAL: 509

FINAL SIGNAL: 478

FINAL SIGNAL: 511

FINAL SIGNAL: 496

FINAL SIGNAL: 508

TUNING FINISHED