

VE1COR Small Magnetic Loop Antenna Autotuner Project
March 27, 2018 Trials, Sample Report. Program 5a: Quarter Step Reconnaissance and
Quarter Step Active Tuning Sweeps, No Backwards Step.
20 Meter band. Approx. 2 watts CW tuning signal. Yaesu FT-817 Transceiver.

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VE1COR Autotuner program, Direct Method Ver. 5a (Quarter-Quarter)

STARTING MAX. VALUE SWEEP AT QUARTER-STEP

TUNER POS: 88 SIGNAL: 12 HIGHEST YET: 12
TUNER POS: 89 SIGNAL: 65 HIGHEST YET: 65
TUNER POS: 90 SIGNAL: 343 HIGHEST YET: 343
TUNER POS: 91 SIGNAL: 478 HIGHEST YET: 478
TUNER POS: 92 SIGNAL: 187 HIGHEST YET: 478
TUNER POS: 93 SIGNAL: 38 HIGHEST YET: 478
TUNER POS: 1583 SIGNAL: 59 HIGHEST YET: 478
TUNER POS: 1584 SIGNAL: 286 HIGHEST YET: 478
TUNER POS: 1585 SIGNAL: 535 HIGHEST YET: 535
TUNER POS: 1586 SIGNAL: 252 HIGHEST YET: 535
TUNER POS: 1587 SIGNAL: 32 HIGHEST YET: 535

ACTIVE TUNING AT QUARTER-STEP FOR APPROX. MAXIMUM SIGNAL 535

STARTING ACTIVE TUNING SWEEP: 1 - REF_SIGNAL: 509

TUNER POS: 1 / 50 TUNED SIGNAL: 34
TUNER POS: 1 / 51 TUNED SIGNAL: 301
TUNER POS: 1 / 52 TUNED SIGNAL: 512
FINAL SIGNAL: 520
FINAL SIGNAL: 523
FINAL SIGNAL: 511
FINAL SIGNAL: 519
FINAL SIGNAL: 525
FINAL SIGNAL: 519
FINAL SIGNAL: 501
FINAL SIGNAL: 531