The ARRL performs extensive testing on all radios that are featured in the QST "Product Review" column. We are unable to publish all of the test results in the magazine, but the nature of electronic publication allows us to publish additional information on the Web that would not be cost effective to do on paper. This PDF file contains graphs of all of the spectral-display data gathered in the ARRL Lab. These include spurious emissions, transmit IMD and composite-noise test results, if applicable. These additional test results are available on the ARRL members-only page as a service to ARRL members.

The test procedures that the ARRL Lab uses are documented in The ARRL Laboratory Test Procedures Manual, available to ARRL members at http://www.arrl.org/members-only/prodrev/testproc.pdf

Questions about testing performed by the ARRL Laboratory can be directed to Mike Tracy, KC1SX at kc1sx@arrl.org.
Bass-boost plot - using a constant carrier at 1 kHz and broadband noise:

TS-570SG
14.020 MHz, RX eq, Bass Boost
F:\SHARED\PROD_REV\TESTS\TS570G\TS570BB.TXT

Audio Frequency: 0 to 2 kHz
Reference Level: 0 dB

Kenwood TS-570SG
14.020 MHz, CW 500 Hz, no NR, no EQ
F:\SHARED\PROD_REV\TESTS\TS570G\TS570CWN.TXT

Audio Frequency: 0 to 2 kHz
Reference Level: 0 dB

TS-570SG
14.020 MHz, RX eq, Conventional
F:\SHARED\PROD_REV\TESTS\TS570G\TS570CV.TXT

Audio Frequency: 0 to 2 kHz
Reference Level: 0 dB

TS-570SG
14.020 MHz, RX eq, Formant Pass
F:\SHARED\PROD_REV\TESTS\TS570G\TS570FP.TXT

Audio Frequency: 0 to 2 kHz
Reference Level: 0 dB
Kenwood TS-570SG
14.020 MHz, USB, NR1 L1, no EQ
F:/SHARED/PROD_REV/TESTS/TS570G/TS570NU1.TXT

Reference Level: 0 dB

Audio Frequency: 0 to 2 kHz

Kenwood TS-570SG
14.020 MHz, USB, NR2, no EQ
F:/SHARED/PROD_REV/TESTS/TS570G/TS570NU2.TXT

Reference Level: 0 dB

Audio Frequency: 0 to 2 kHz

Kenwood TS-570SG
14.020 MHz, USB, NR1 L2, no EQ
F:/SHARED/PROD_REV/TESTS/TS570G/TS570NU3.TXT

Reference Level: 0 dB

Audio Frequency: 0 to 2 kHz

Kenwood TS-570SG
14.020 MHz, USB, no NR, no EQ
F:/SHARED/PROD_REV/TESTS/TS570G/TS570USB.TXT

Reference Level: 0 dB

Audio Frequency: 0 to 2 kHz