

## ***QST Product Review Expanded Test-Result Report Supplementary Graphs***

**Manufacturer:** Yaesu

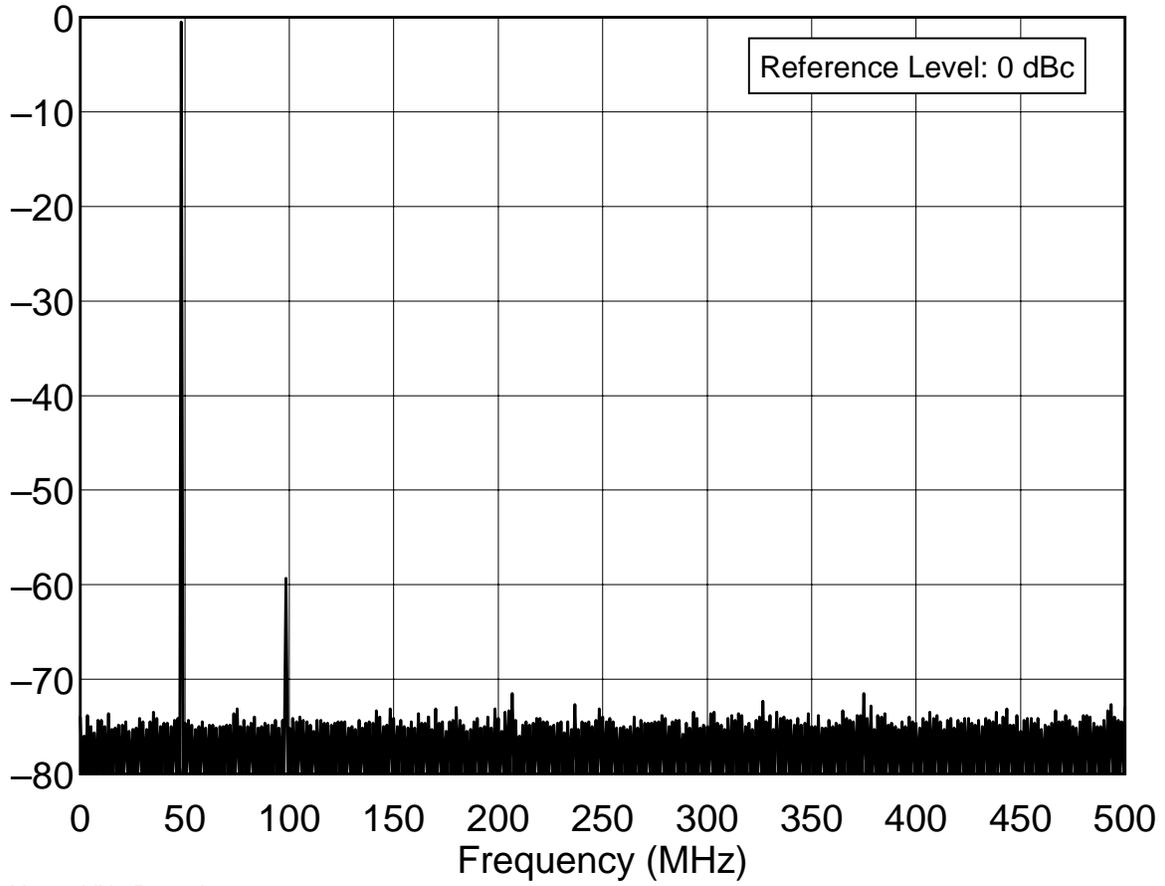
**Model:** VX-5R

**QST Issue:** May, 1999

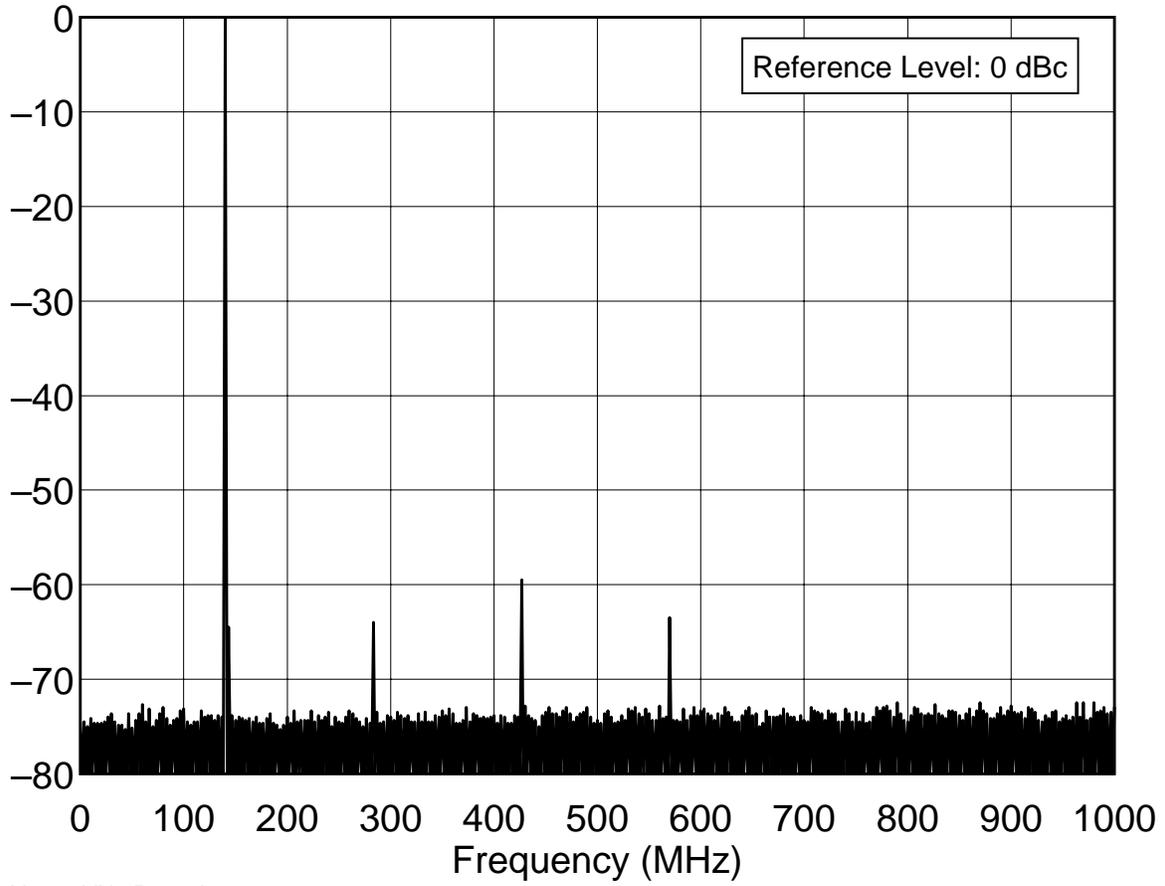
The ARRL performs extensive testing on all radios that are featured in the *QST* “Product Review” column. We are unable to publish all of the test results in the magazine, but the nature of electronic publication allows us to publish additional information on the Web that would not be cost effective 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 ARRL uses are documented in *The ARRL Laboratory Test Procedures Manual*, available to ARRL members at <http://www.arrl.org/members-only/prodrev/testproc.pdf>.

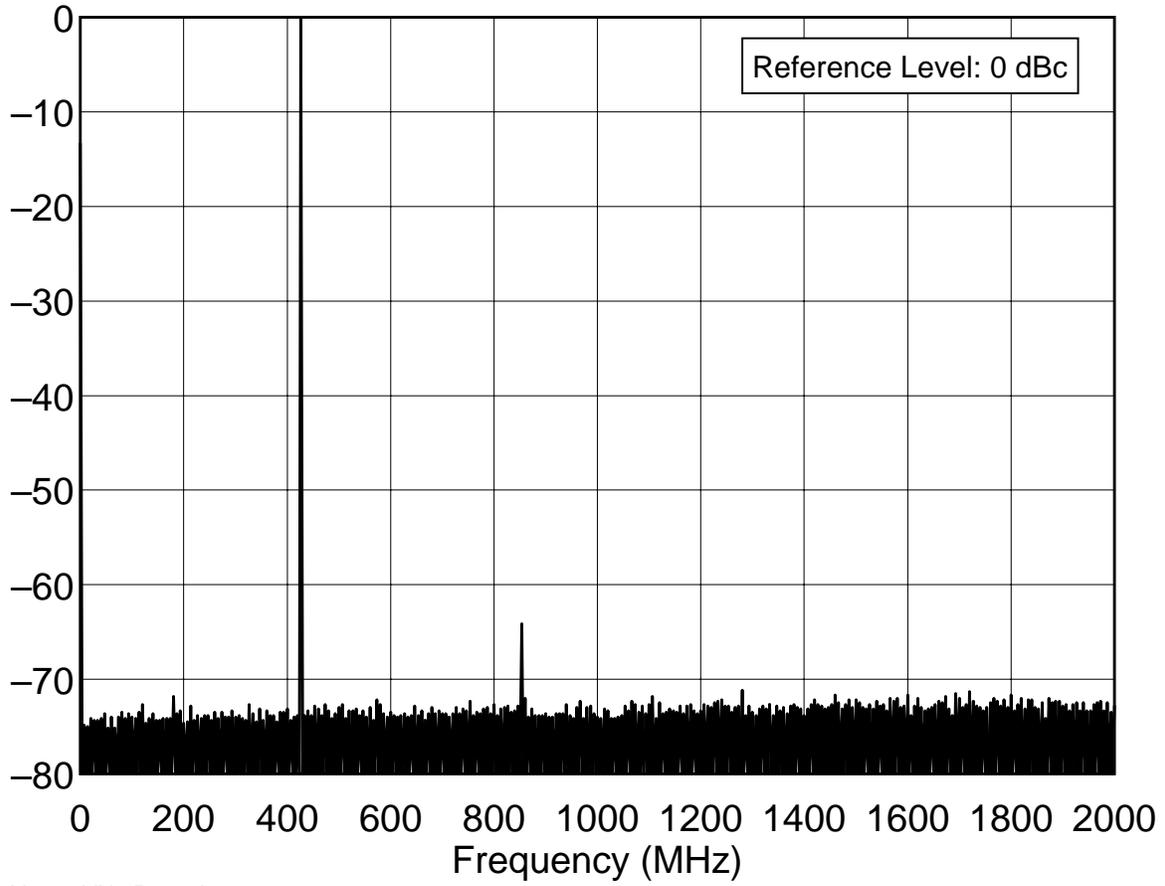
Questions about testing performed by the ARRL Laboratory can be directed to Mike Tracy, KC1SX at [kc1sx@arrl.org](mailto:kc1sx@arrl.org).



Yaesu VX-5R sn 8L010699  
50.0 MHz Band, Spectral Purity, 5 W  
F:\SHARED\PROD\_REV\TESTS\VX5R\VX5RS6M.TXT



Yaesu VX-5R sn 8L010699  
144.0 MHz Band, Spectral Purity, 5 W  
F:\SHARED\PROD\_REV\TESTS\VX5R\VX5RS2M.TXT



Yaesu VX-5R sn 8L010699  
420.0 MHz Band, Spectral Purity, 3.5 W  
F:\SHARED\PROD\_REV\TESTS\VX5R\VX5RS70.TXT

## Additional Sensitivity figures

FM (narrow band unless otherwise noted)

| Freq (MHz) | 12-dB SINAD (dBm)         |
|------------|---------------------------|
| 48.00      | -119                      |
| 58.99      | -122                      |
| 59.00      | -115 (WFM - US broadcast) |
| 107.99     | -118 (WFM - US broadcast) |
| 137.00     | -121                      |
| 162.40     | -117                      |
| 173.99     | -114                      |
| 174.00     | -112 (WFM)                |
| 221.99     | -97 (WFM)                 |
| 250.00     | -85                       |
| 254.99     | -80                       |
| 335.00     | -112                      |
| 419.99     | -122                      |
| 420.00     | -116                      |
| 469.99     | -122                      |
| 470.00     | -117 (WFM)                |
| 728.99     | -95 (WFM)                 |
| 800.00     | -100                      |
| 998.99     | -96                       |

AM

| Freq (MHz) | 10 dB S+N/N (microvolts) |
|------------|--------------------------|
| 0.51       | 1.62 (US Broadcast)      |
| 1.79       | 0.56 (US Broadcast)      |
| 1.80       | 1.62 (SW Broadcast)      |
| 15.99      | 0.72 (SW Broadcast)      |
| 108.00     | 0.41 (AIR)               |
| 136.99     | 0.43 (AIR)               |
| 222.00     | 3.71                     |
| 249.99     | 13.2                     |
| 255.00     | 47.8                     |
| 334.99     | 1.24                     |