QST Product Review Expanded Test-Result Report
Supplementary Graphs

Manufacturer: Patcomm
Model: PC-16000A/E
QST Issue: December, 2000

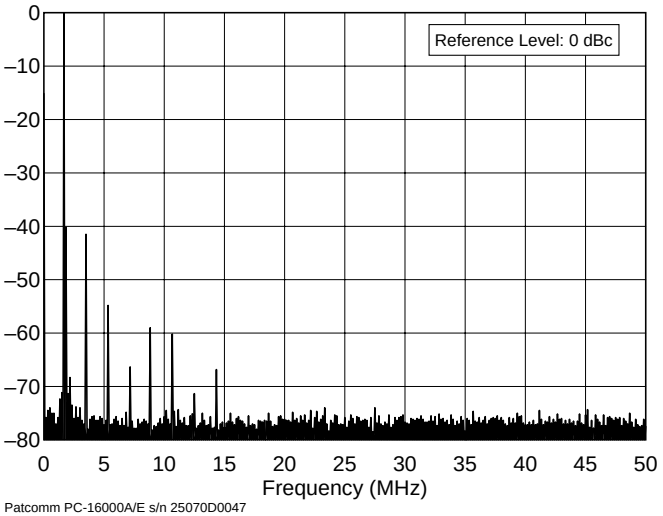
The ARRL performs extensive testing on all radios that are featured in the *QST* "Product Review" column. We are unable to publish all of the test results in the magazine, but the nature of electronic publication allows us to publish additional information on the Web that would not be cost effective 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

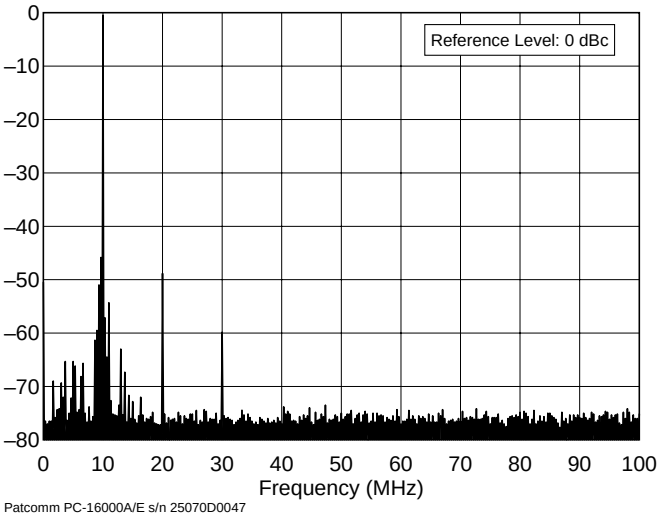
http://www.arrl.org/members-only/prodrev/testproc.pdf

Questions about testing performed by the ARRL Laboratory can be directed to Mike Tracy, KC1SX at kc1sx@arrl.org.

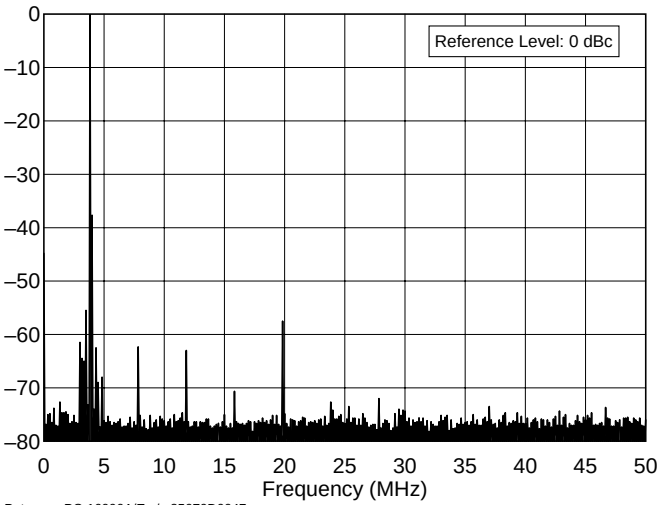
Spectral Purity Graphs



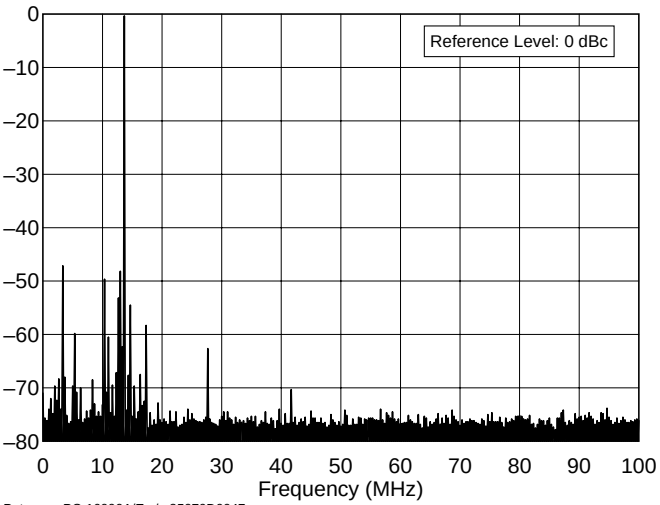
Patcomm PC-16000A/E s/n 25070D0047
1.8 MHz Band, Spectral Purity, 100 W



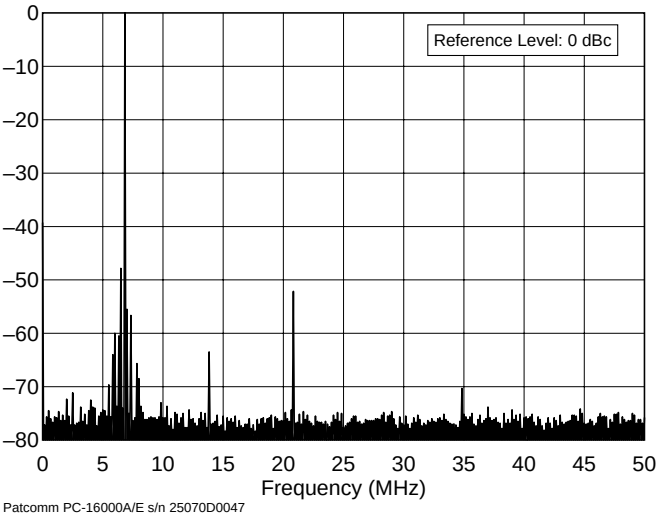
Patcomm PC-16000A/E s/n 25070D0047
10.1 MHz Band, Spectral Purity, 100 W



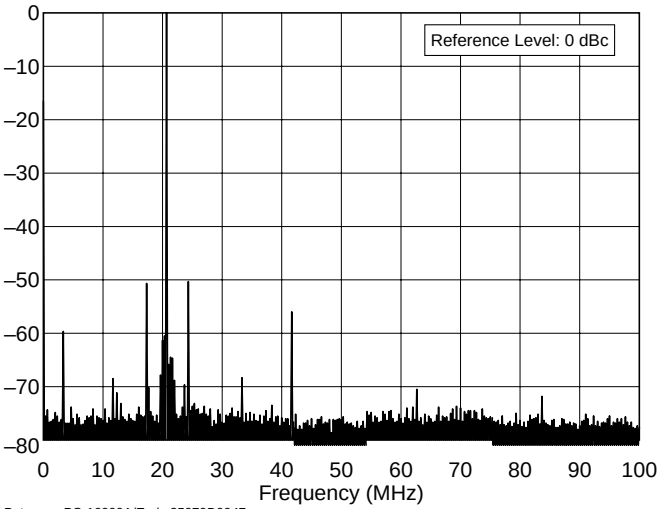
Patcomm PC-16000A/E s/n 25070D0047
3.5 MHz Band, Spectral Purity, 100 W



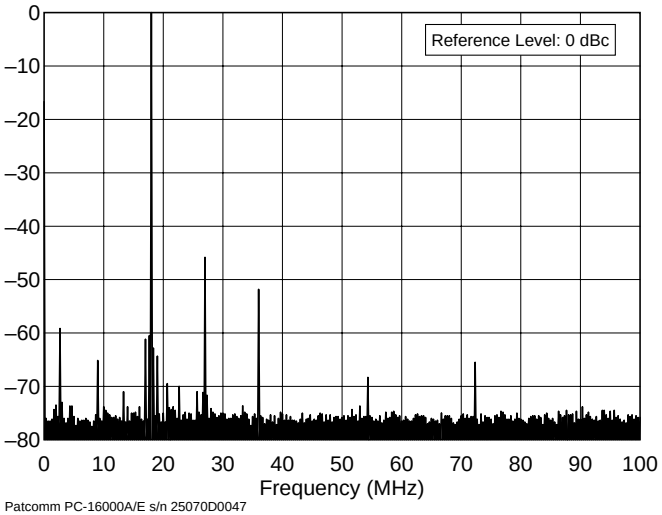
Patcomm PC-16000A/E s/n 25070D0047
14.0 MHz Band, Spectral Purity, 100 W



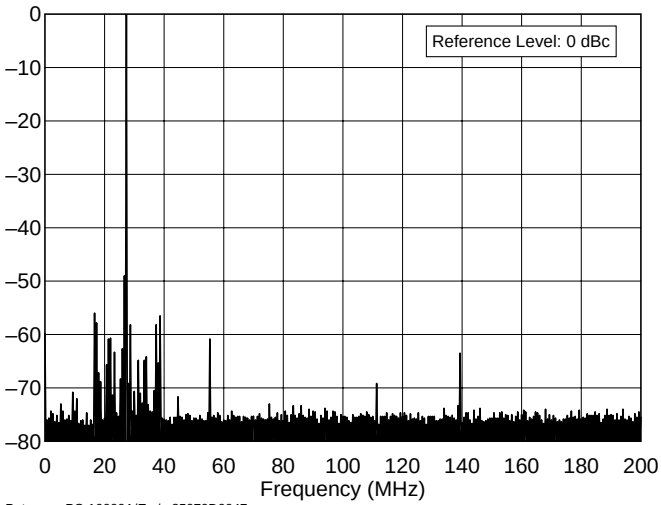
Patcomm PC-16000A/E s/n 25070D0047
7.0 MHz Band, Spectral Purity, 100 W



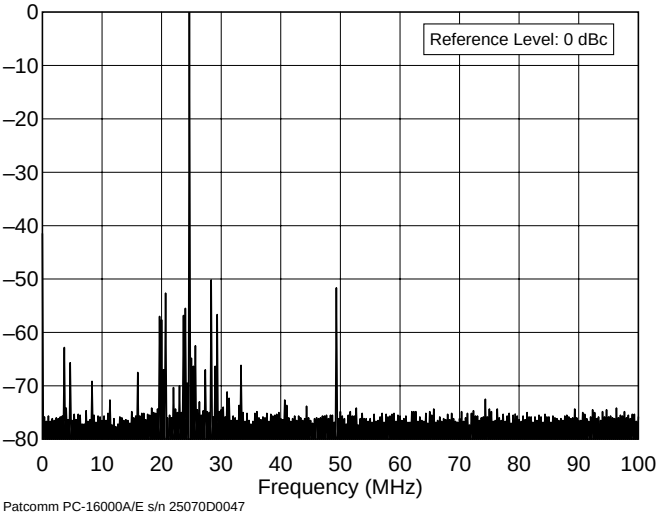
Patcomm PC-16000A/E s/n 25070D0047
21.0 MHz Band, Spectral Purity, 100 W



Patcomm PC-16000A/E s/n 25070D0047
18.1 MHz Band, Spectral Purity, 100 W

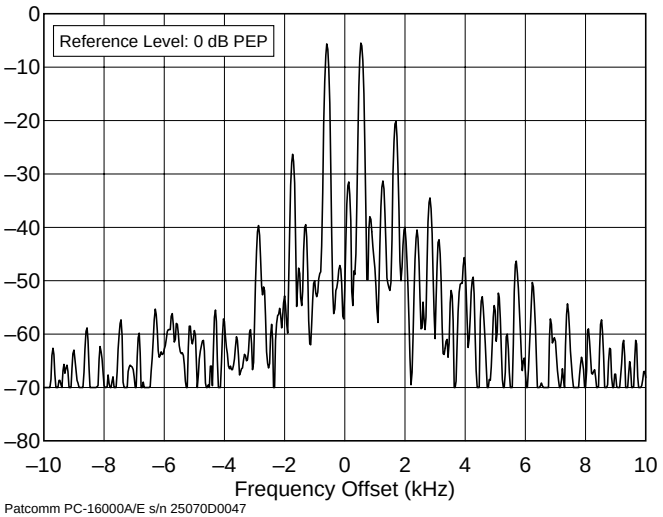


Patcomm PC-16000A/E s/n 25070D0047
28.0 MHz Band, Spectral Purity, 100 W

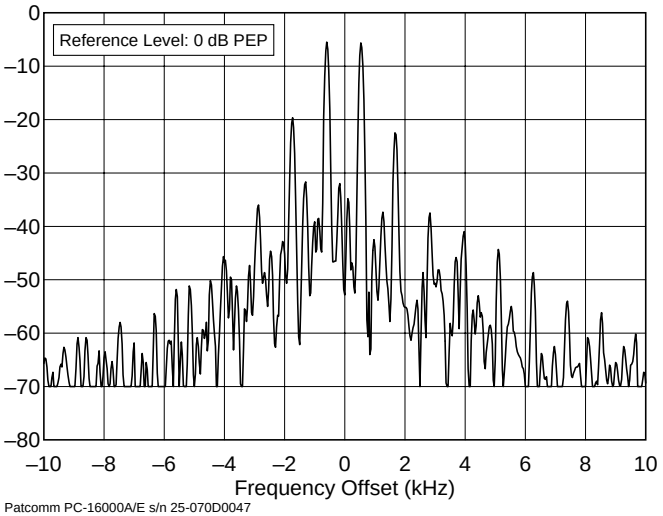


Patcomm PC-16000A/E s/n 25070D0047
24.9 MHz Band, Spectral Purity, 100 W

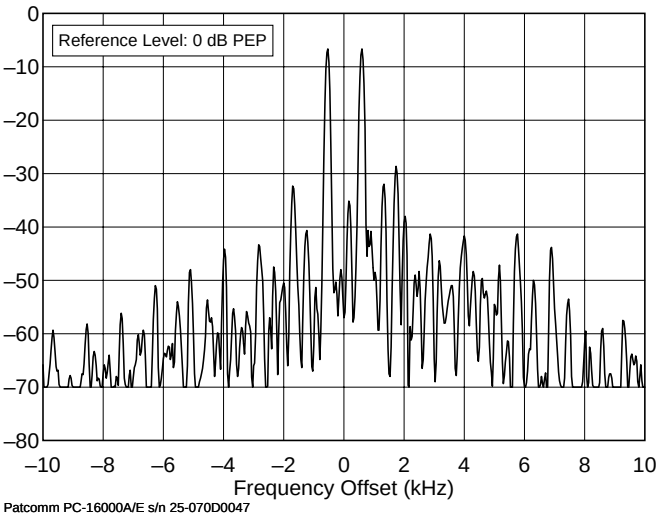
Two-Tone Transmit IMD Graphs



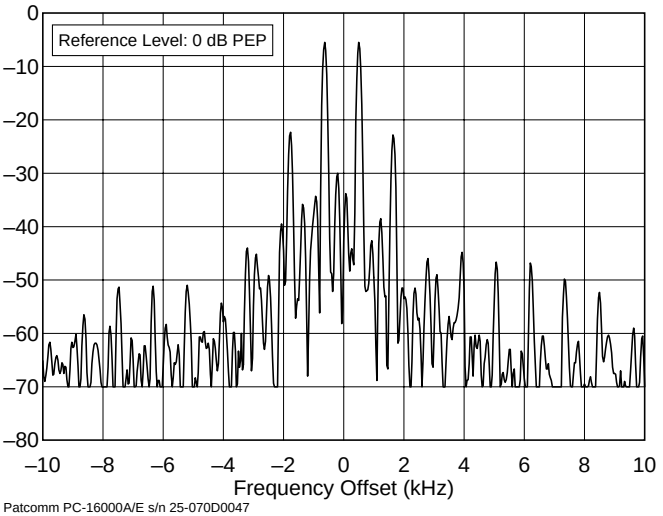
Patcomm PC-16000A/E s/n 25070D0047
1.850 MHz, Transmit IMD, 100 W



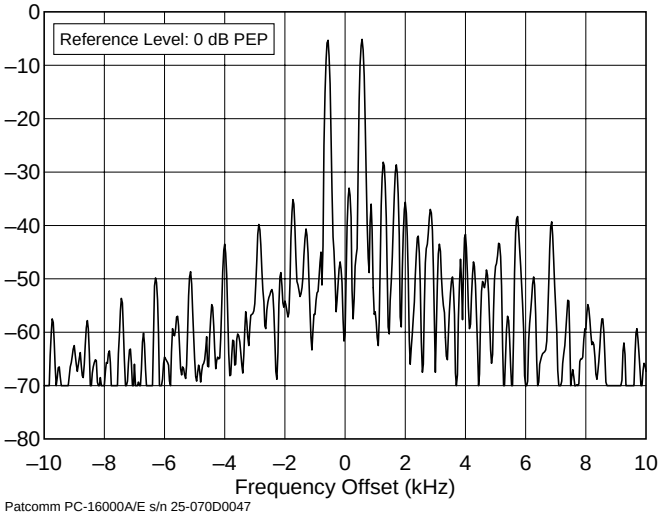
Patcomm PC-16000A/E s/n 25-070D0047
10.120 MHz, Transmit IMD, 100 W



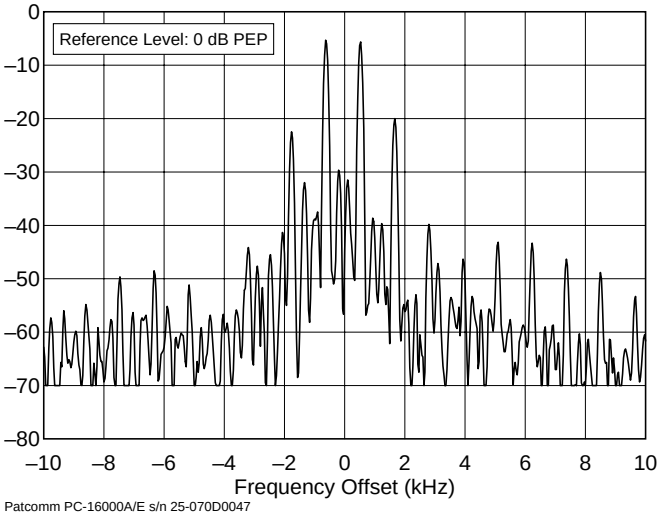
Patcomm PC-16000A/E s/n 25-070D0047
3.900 MHz, Transmit IMD, 100 W



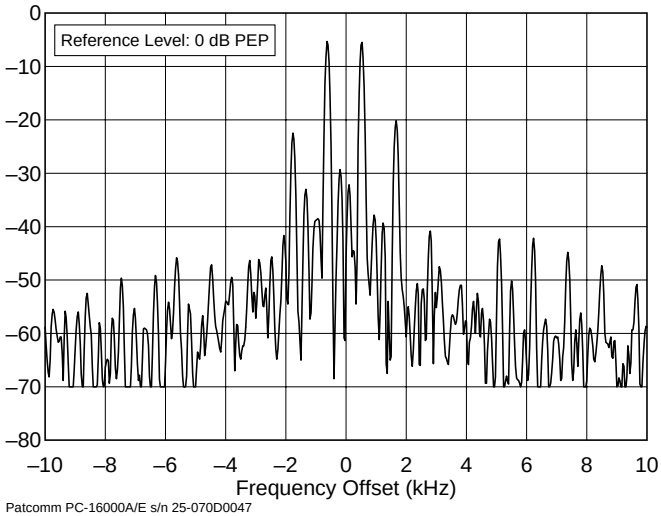
Patcomm PC-16000A/E s/n 25-070D0047
14.250 MHz, Transmit IMD, 100 W



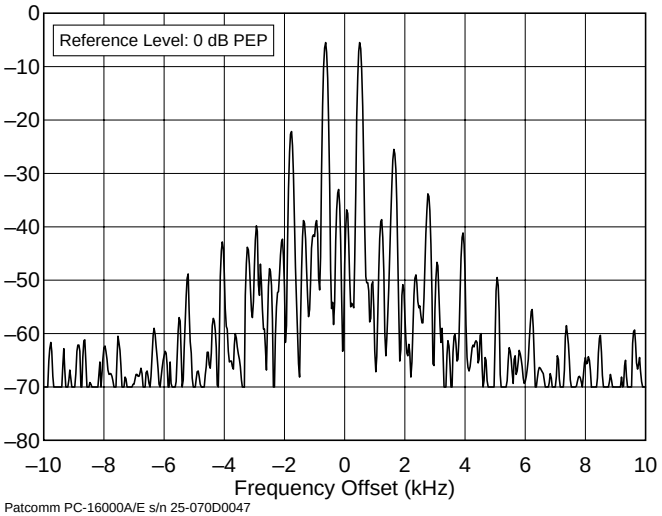
Patcomm PC-16000A/E s/n 25-070D0047
7.250 MHz, Transmit IMD, 100 W



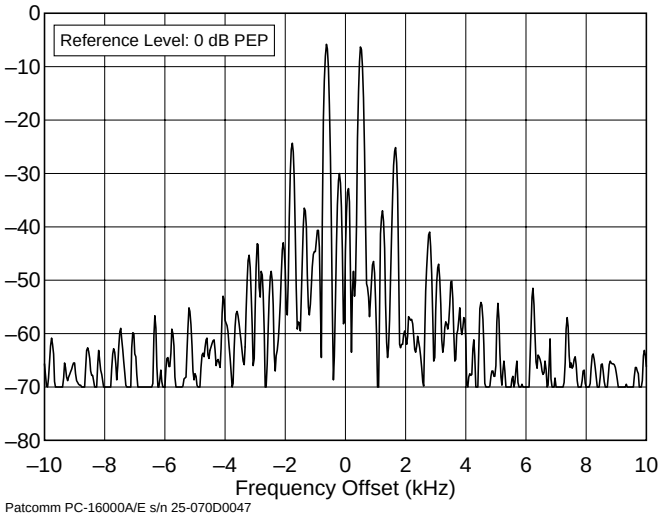
Patcomm PC-16000A/E s/n 25-070D0047
21.250 MHz, Transmit IMD, 100 W



Patcomm PC-16000A/E s/n 25-070D0047
18.120 MHz, Transmit IMD, 100 W

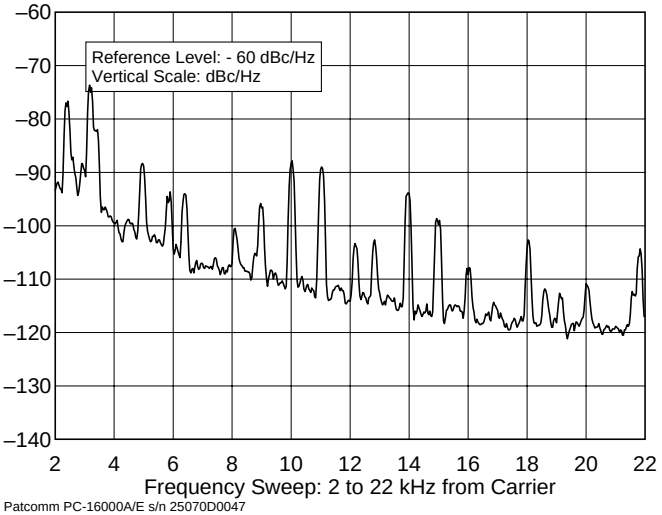


Patcomm PC-16000A/E s/n 25-070D0047
28.350 MHz, Transmit IMD, 100 W

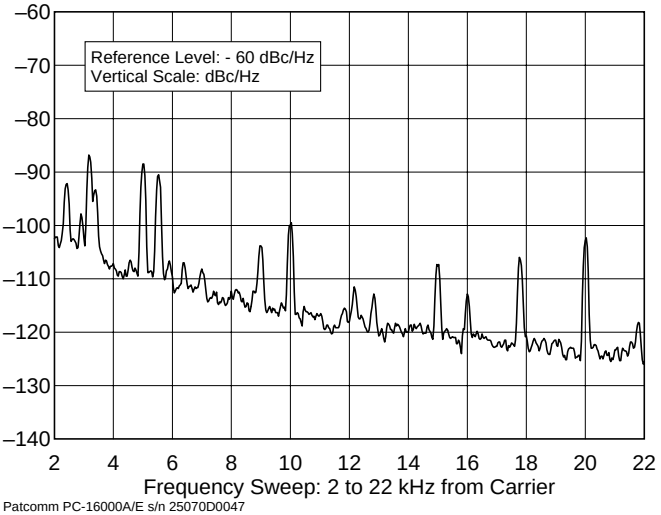


Patcomm PC-16000A/E s/n 25-070D0047
24.950 MHz, Transmit IMD, 100 W

Transmit Composite Noise Graphs

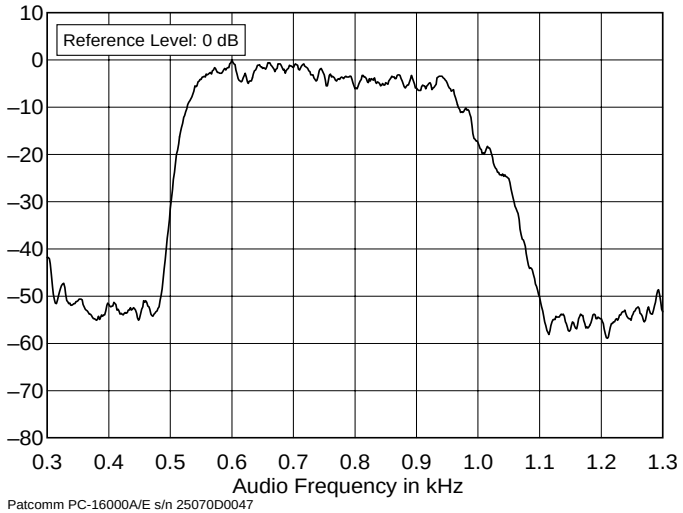


Patcomm PC-16000A/E s/n 25070D0047
3.520 MHz, Phase Noise, 100 W

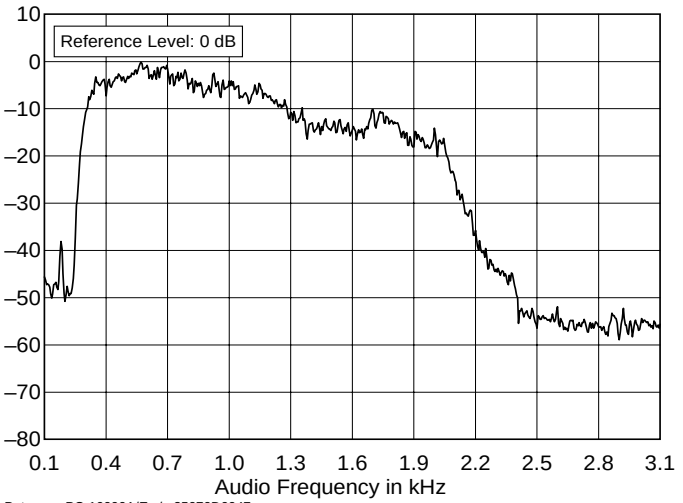


Patcomm PC-16000A/E s/n 25070D0047
14.020 MHz, Phase Noise, 100 W

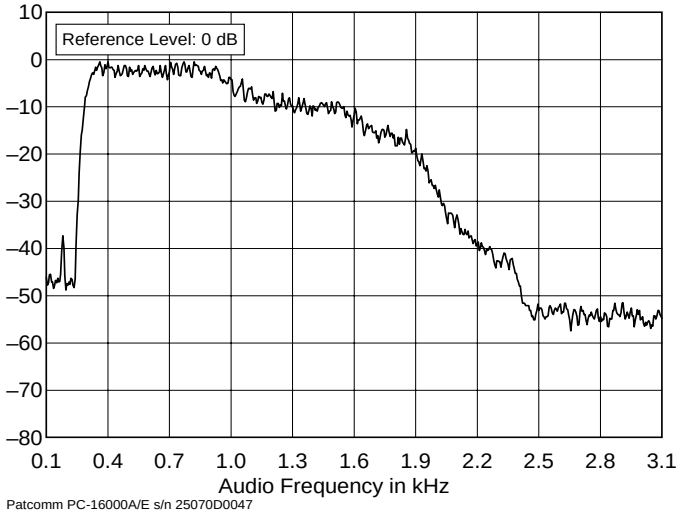
IF/Audio Response Graphs



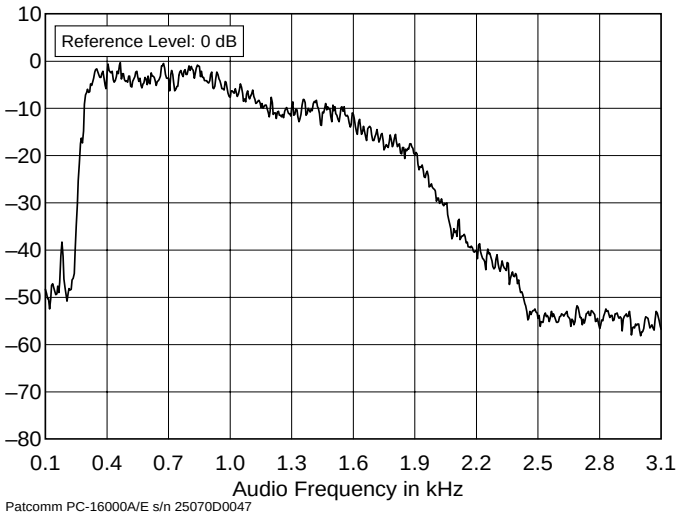
Patcomm PC-16000A/E s/n 25070D0047
14.020 MHz, AGC Slow, CW Narrow IF/AF response



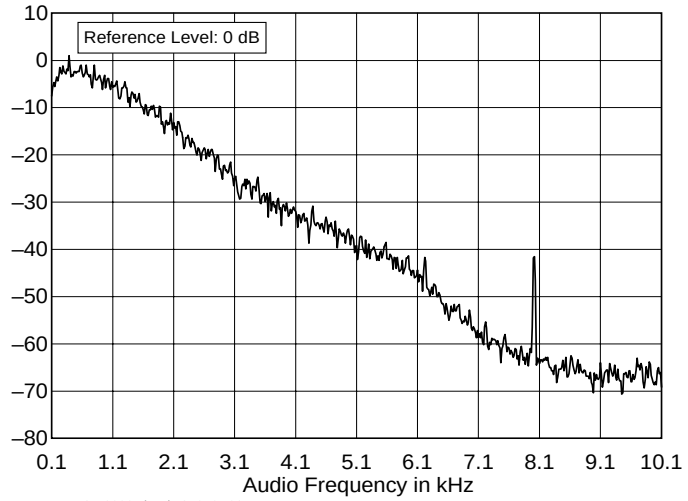
Patcomm PC-16000A/E s/n 25070D0047
14.020 MHz, AGC Slow, USB IF/AF response



Patcomm PC-16000A/E s/n 25070D0047
14.020 MHz, AGC Slow, CW Wide IF/AF response



Patcomm PC-16000A/E s/n 25070D0047
14.020 MHz, AGC Slow, LSB IF/AF response



Patcomm PC-16000A/E s/n 25070D0047
14.020 MHz, AGC Slow, AM IF/AF response