

Once the Signal Acquisition Test has been completed successfully, perform the following steps:

1. View the Satellite Status Page and verify that at least 7 satellites have been acquired on the 400W Series unit.
2. Verify that the GPS “INTEG” flag is out of view.
3. Select 121.150 MHz on the COM transceiver to be tested.
4. Transmit for a period of 35 seconds.
5. Verify that the GPS “INTEG” flag does not come into view.
6. Repeat steps 4 and 5 for the following frequencies:

25 kHz COM Channel Spacing

- 121.150 MHz
- 121.175 MHz
- 121.200 MHz
- 121.225 MHz
- 121.250 MHz
- 131.200 MHz
- 131.225 MHz
- 131.250 MHz
- 131.275 MHz
- 131.300 MHz
- 131.325 MHz
- 131.350 MHz

NOTE



For VHF radios with 8.33 kHz channel spacing, include the following frequencies in addition to those listed above.

8.33 kHz COM Channel Spacing

- 121.185 MHz
 - 121.190 MHz
 - 130.285 MHz
 - 131.290 MHz
7. Repeat steps 3 through 6 for all remaining COM transceivers installed in the aircraft.
 8. If aircraft is TCAS-equipped, turn on the TCAS system and verify that GPS position remains valid (if position is lost, the status on the Satellite Status Page will change to “ACQUIRING”).
 9. If aircraft is SATCOM-equipped, use the SATCOM system and verify that GPS position remains valid (if position is lost, the status on the Satellite Page will change to “ACQUIRING”).
 10. If the GPS “INTEG” flag comes into view, see Section 2.5.6 for options to improve performance.