

2.4.5.1.43 Verification of the Radio Altitude [Data](#) (subparagraph 2.2.5.1.43)

Appropriate test procedures to verify subparagraph 2.2.5.1.43 were previously provided in subparagraph 2.4.3.2.1.1.2.

[2.4.5.1.44 Verification of the Version Number Data \(subparagraph 2.2.5.1.44\)](#)

[Appropriate test procedures to verify subparagraph 2.2.5.1.44 were previously provided in subparagraph 2.4.3.2.7.3.5.](#)

2.4.5.2 Unused Section**2.4.5.3 ADS-B Transmission Device Message Latency (subparagraph 2.2.5.3)**

No specific test procedure is required to validate subparagraph 2.2.5.3.

2.4.5.3.1 Verification of Airborne Position Message Latency (subparagraph 2.2.5.3.1)**Purpose/Introduction:**

This test verifies the latency of the Airborne Position Message.

Step 1: Airborne Position Message - “Type” Subfield (subparagraph 2.2.3.2.3.1 and 2.2.5.3.1.a)

Purpose/Introduction:

Any change in the TYPE information identified in subparagraph 2.2.3.2.3.1 shall be reflected in the TYPE subfield of the next scheduled Airborne Position message transmission provided that the change occurs and is detected at least 100 milliseconds prior to the next scheduled Airborne Position message transmission.

Measurement Procedure:

Configure the ADS-B Transmitting System to transmit Airborne Position Messages by providing position information at the nominal update rate. Provide the data externally at the interface to the ADS-B system. Set the ADS-B Transmitting System to Airborne status. Provide valid non zero barometric pressure altitude data to the ADS-B System. Continue transmitting Airborne Position Messages at the nominal rate with all parameters unchanged. Verify that the TYPE subfield in the Airborne Position Message correctly matches the TYPE subfield value from the navigational accuracy depicted in Table 2-11.

Change input to the ADS-B System so as to affect the TYPE subfield value so that the change occurs and is detected at least 100 milliseconds prior to the next scheduled Airborne Position Message transmission. Verify that the TYPE subfield value has changed in the next transmitted Airborne Position Message and that it is the correct value.