

Exhibit One

VHF Digital Link (VDL) Test Program

The VDL Test Program will demonstrate, on a real world ground-to-air link, the performance of the planned future VDL waveform.

Three 25KHz VHF channels within the 118MHz to 137MHz ground to air frequency band have been approved and selected by the Federal Aviation Administration. Two of these channels will be adjacent and the third will be in another part of the band. The two adjacent channels will allow realistic testing of the industry proposed VDL waveform as well as testing the impact of adjacent and co-channel interference between a VDL channel and a standard (as currently utilized by civil aviation) DSB-AM channel. The third channel will be used as a control channel for the test program. A simplified block diagram for the testing is provided in Figure 1.



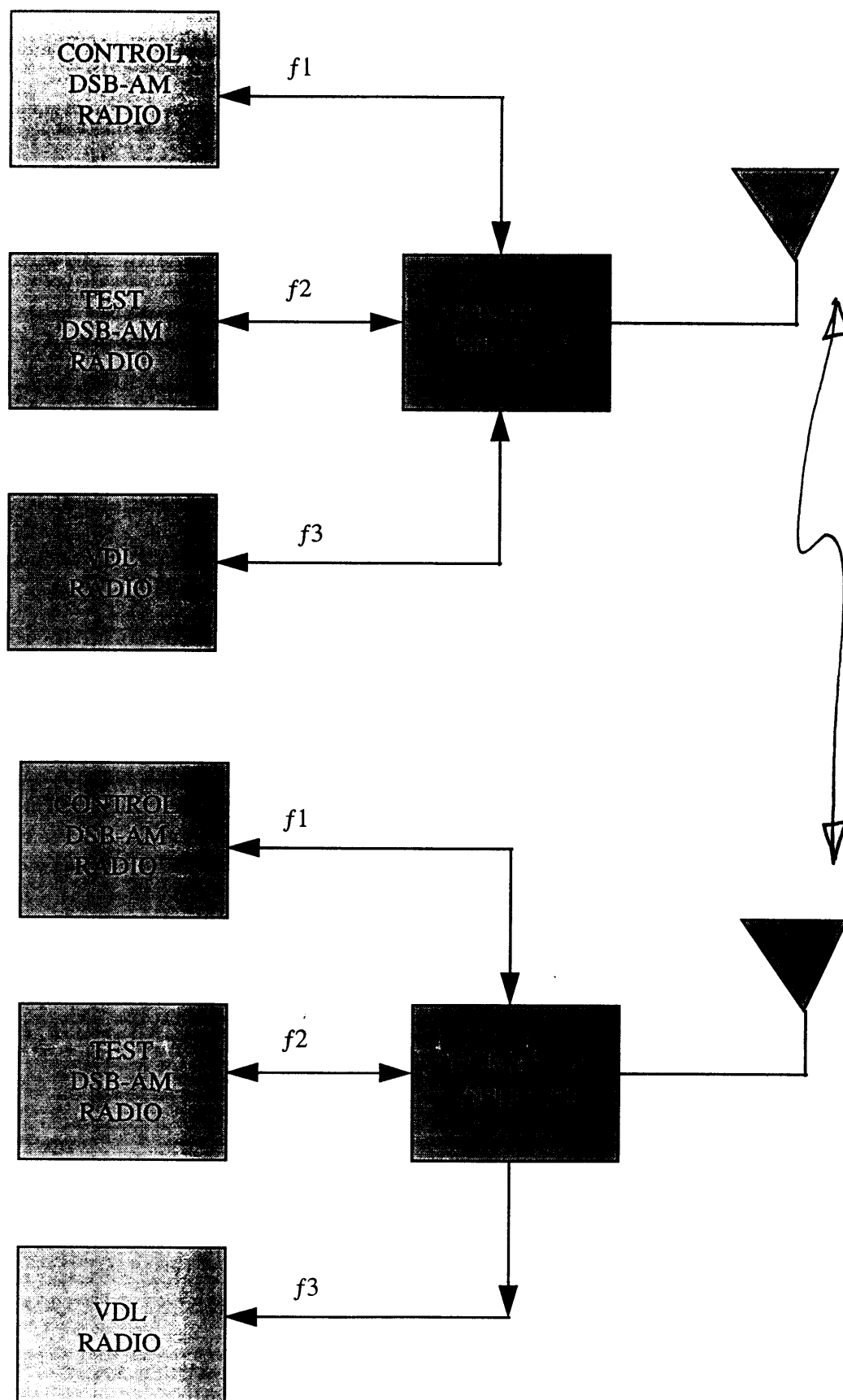
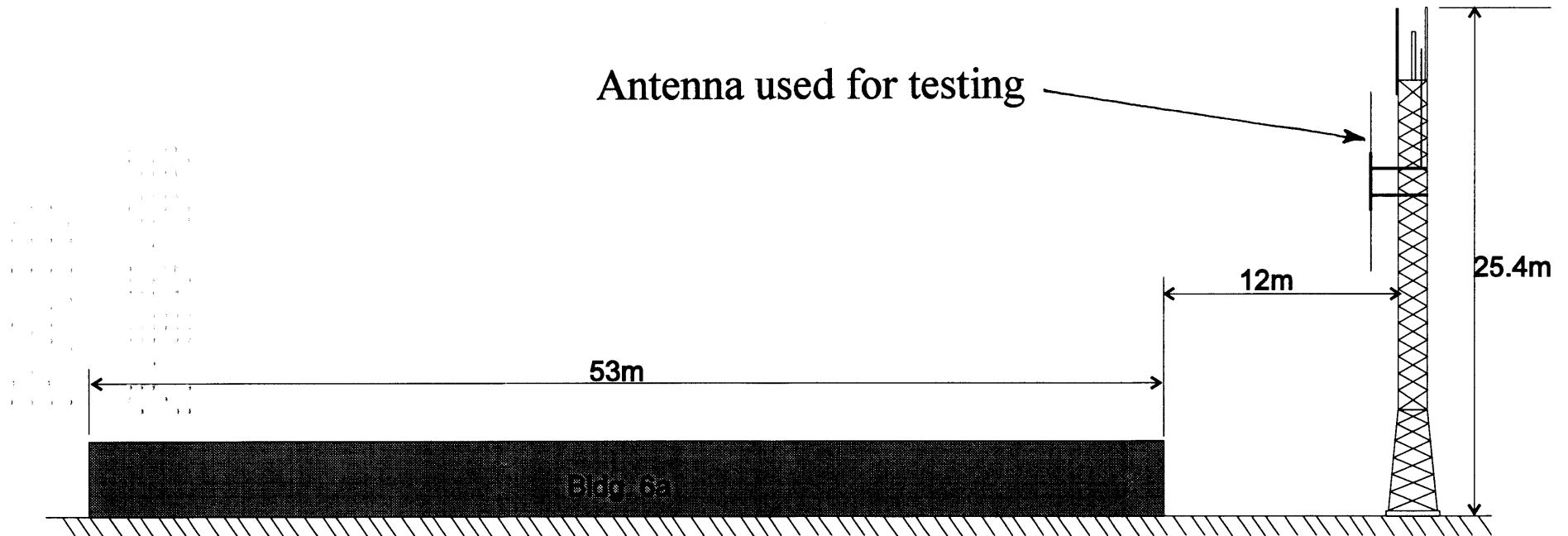


FIGURE 1: TEST SETUP

Exhibit Two

Vertical Profile



All structures are existing