

This flight test system utilizes two modes of operation, narrowband and wideband. The frequency designation for these two operating modes is identified below. Flight tests will occur at intervals of approximately 2 weeks, and each flight will have a duration of around 2 hours. Transmissions will occur intermittently during a flight in narrowband mode, always within a 320 km radius of Baltimore. Transmissions in the wideband mode will have very short durations and will be strictly limited to 3 rectangular zones identified below with the latitude and longitude coordinates of the corners. No wideband operations will occur within 5 miles of any ASDE3 system (ie: Baltimore Washington International Airport).

Frequency Designations for Modes:

Narrowband mode --- center freq: 16.5 GHz, bandwidth: 600 MHz

Wideband mode ----- center freq: 16.5 GHz, bandwidth: 1200 MHz

Designated zones where wideband operation is requested (see map on following page):

Zone1: Baltimore / Aberdeen / Wilmington

	Latitude	Longitude
Z1_cnr1	39.29047	-76.72780
Z1_cnr2	39.88497	-75.59632
Z1_cnr3	39.73321	-75.41320
Z1_cnr4	39.14140	-76.54245

Zone2: Annapolis / Dover

	Latitude	Longitude
Z2_cnr1	39.16037	-76.57093
Z2_cnr2	39.16021	-75.34667
Z2_cnr3	38.86544	-75.34669
Z2_cnr4	38.86601	-76.57202

Zone3: Ocean City / Atlantic City

	Latitude	Longitude
Z3_cnr1	38.57155	-75.88806
Z3_cnr2	39.80853	-74.73658
Z3_cnr3	39.44291	-73.98357
Z3_cnr4	38.21610	-75.13512

