



AKASH SYSTEMS

July 18, 2018

Exhibit 4: SSC ES in Dongara, Western Australia

Akash's MCNAIR satellite will downlink to an existing Earth Station (ES), located in Dongara, Western Australia, which the Swedish Space Corporation (SSC) owns and operates. Since this ES is located outside of the U.S., SSC will obtain authorization for the ES through the Australian Communications and Media Authority (ACMA) to operate the ES for Akash demonstration.

The specific location of the ES is at 29°02'44.71"S, 115°20'55.28"E. The street address is SSC Space US Inc., Yatharagga Site, New Depot Hill Road, Mingenew, Western Australia, Australia 6522.

The full technical specifications of the SSC Dongara ES can be found in the table below.

Table 1. Ka-band Characteristics of SSC ES in Dongara, Australia

Parameter	Value
Antenna Size and Type	13.2 m Monopulse Autotracking Full Motion
Tracking Velocity and Acceleration	Az: 2 deg/s, 1 deg/s ² El: 2 deg/s, 1 deg/s ²
Antenna Travel Range	Az: ± 270 deg El: 0.5 – 90 deg
Receive RF bands	19.0 – 20.2 GHz
Receive G/T	≥42 dB/K at 18.3 GHz
Receive Polarization	Switchable Circular/Linear