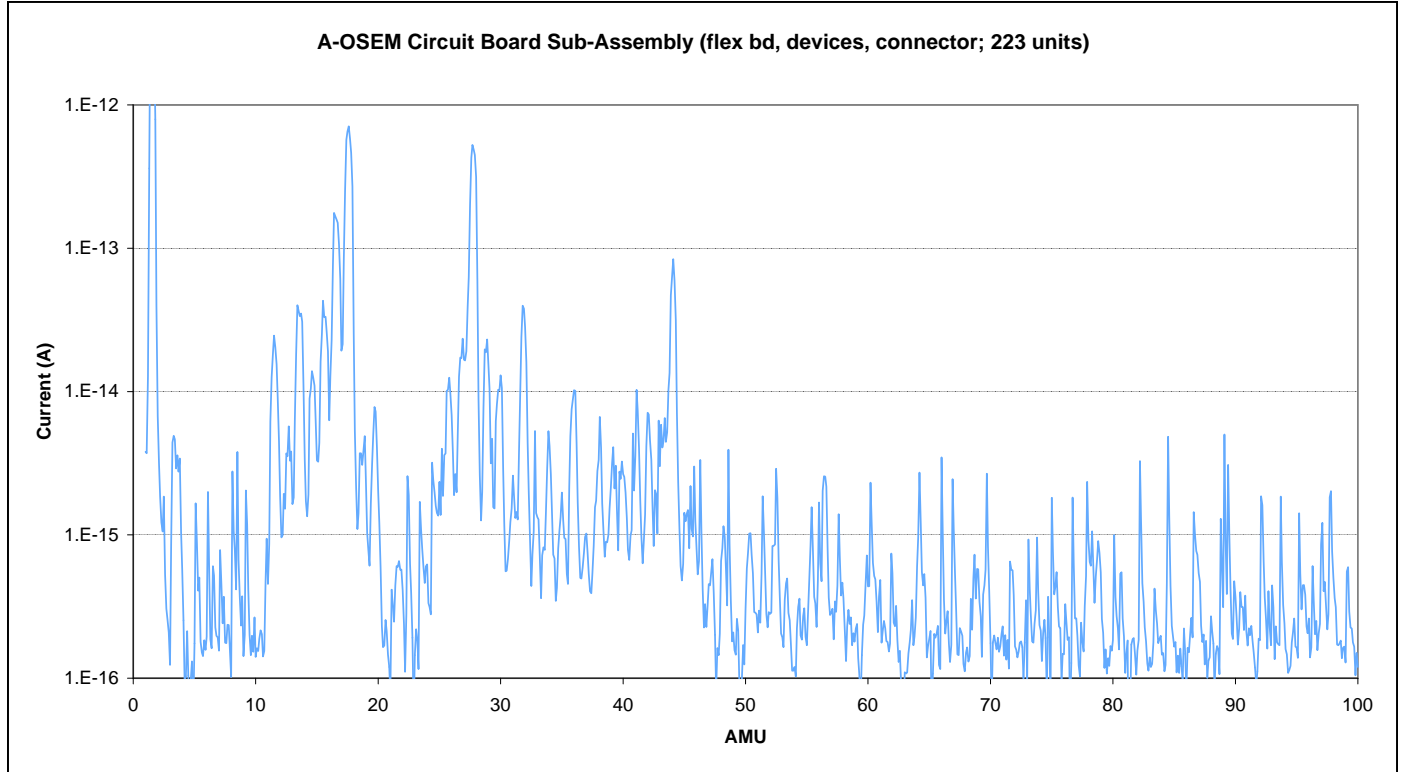


**A-OSEM Head with Wound Coil (404 units)**

Species	AMU	Outgassing Rate (Torr-L/s per AOSEM body)
H	2	3.9E-13
He	4	3.3E-14
C+	12	1.1E-13
N+, N2+	14	1.9E-13
water (O+)	16	3.6E-13
water (HO+)	17	1.1E-12
water (H2O+)	18	1.5E-12
CO2++	22	2.4E-14
N2	28	1.8E-11
O2	32	1.6E-12
Ar	40	1.5E-13
hydrocarbon	41	2.0E-13
hydrocarbon	43	1.7E-13
CO2	44	3.7E-12
hydrocarbon	53	1.1E-14
hydrocarbon	55	9.7E-15
hydrocarbon	57	1.6E-14
Sum HC		4.1E-13



	AMU	Outgassing Rate (Torr-L/s) per AOSEM Wound Head 404 units
hydrogen (H2)	2	3.9E-13
water (H2O) at 1000 hr	max of 16, 17, 18	1.5E-12
air (N2)	28	1.8E-11
CO2	44	3.7E-12
hydrocarbons	sum of 41, 43, 53, 55, 57	4.1E-13