

advancedligo

DCC Number: E070295-00-D

Date Prepared: 11/16/07

Originator	Cognizant Engineer	Ext./Phone#	Project	Account Number
Brian O'Reilly	Ken Mason	617-324-5250	ELIGO HAM SEI	

Dwg/Part Number	Rev	Part Description / Material	Serial Number	Qty
D071120-D		actuator mount / AL 6061		6

Used In (next higher assembly):

Vendor Name	PO/Contract Number
HPD	

Data Package, Receiving/Inspection Remarks:

Inspection Required Y/N	Visual Damage Y/N	Comments	Name/ Initials	Date Comp.
YES	NONE			

Process Flow:

#	Operation	Start Date	Work Area	Instructions	Name/ Initials	Date Comp.
1	Clean		Caltech	<ul style="list-style-type: none">○ clean per E960022: Ultrasonic clean in Liquinox¹ for 10 minutes.○ Rinse in distilled water at least 3 times,		

¹ Standard Liquinox solution is 1 tablespoon in 1 gallon of water.

N.B.: A copy of this traveller must be submitted to the DCC each time the original is shipped with the associated part(s) and when the traveller has been completed.

#	Operation	Start Date	Work Area	Instructions	Name/ Initials	Date Comp.
				changing the rinse water every time. ○ Ultrasonic clean in methanol for 10 minutes.		
2	Vacuum Bake			per E960022: 120°C, 48 hrs		
3	Control Point			Review/Approve RGA scan		
4	Wrap & Tag vacuum clean parts					
5	Ship and Deliver/File paperwork			Please send to: LLO c/o Ken Mason File one copy of traveler with the DCC. Note: Ship original traveler with these parts.		
END: Go to Traveler or procedure associated with next higher assembly processing						

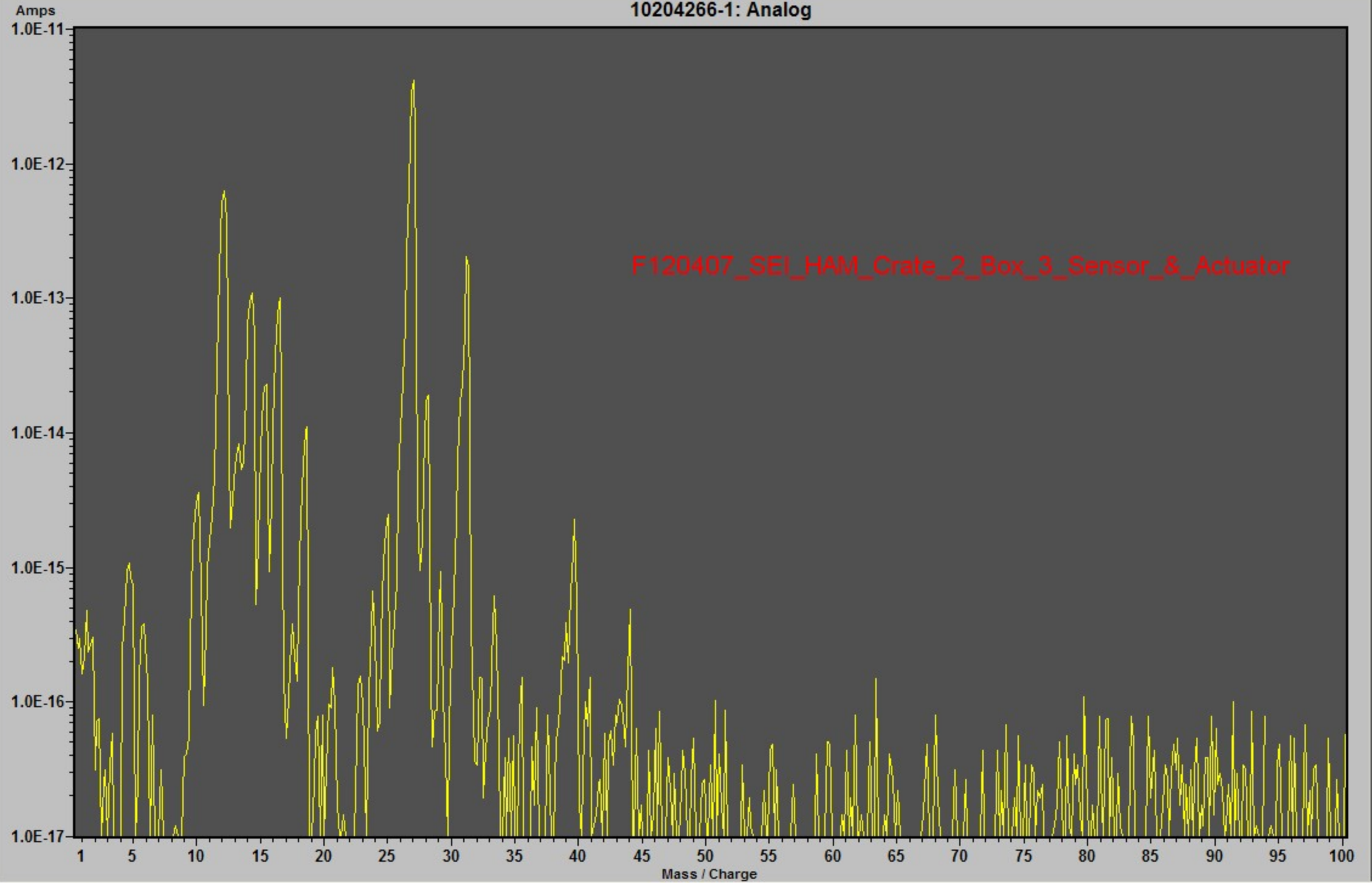
Special Instructions (Handling/Packaging Constraints, Remarks, etc.) or Notes:

Note that these items were also listed on traveler #E070236 but were left out of the shipping crate with the other parts listed on that traveler.

N.B.: A copy of this traveller must be submitted to the DCC each time the original is shipped with the associated part(s) and when the traveller has been completed.

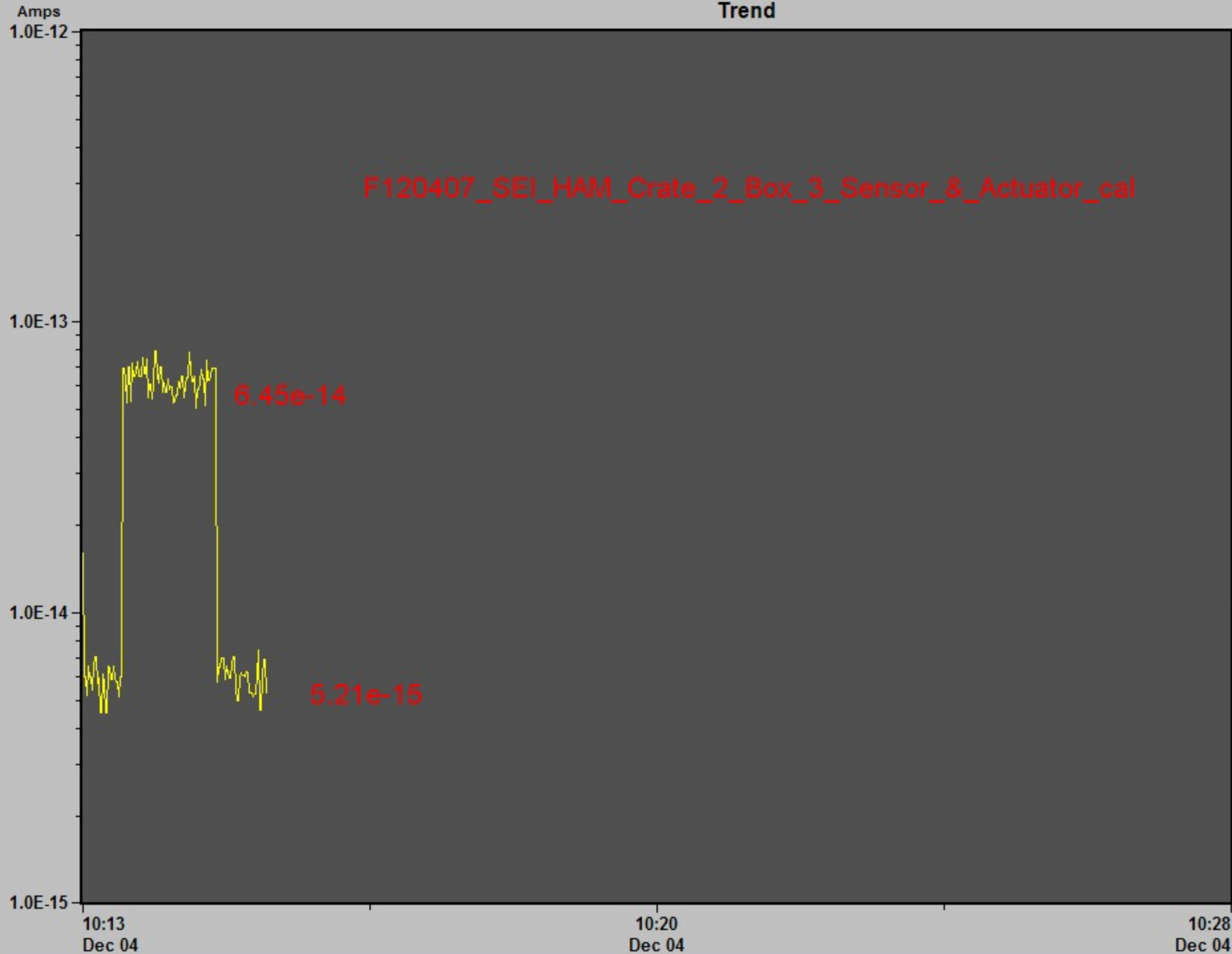


10204266-1: Analog





Trend



10204266-1: 28 5.21E-15

Pressure Contribution from Flag Hydrocarbons

40M Lab RGA Scan Results

Job# F120407

Description: SEI Ham Crate 1,Box2, Sensor,& Act
Oven Used: C

Date: 12/4/2007

AMU 41	1.50E-16 amps	from RGA scan listing
AMU 43	1.00E-16 amps	from RGA scan listing
AMU 53	3.50E-17 amps	from RGA scan listing
AMU 55	2.00E-17 amps	from RGA scan listing
AMU 57	2.00E-17 amps	from RGA scan listing

Sum Flag H/C AMUs 3.25E-16 amps

Calib leak rate 2.36E-10 torr l/s (Argon)

AMU 40 (w/leak open) 6.45E-14 amps

AMU 40 (background) 5.21E-15 amps

Calib leak contributes 5.93E-14 amps = (w/leak open) - (background)

Flag H/C Outgassing 1.294E-12 torr l/s = (Sum Flag H/C AMUs) x (Calib leak rate)/(Calib leak contrib.)

Test item surf area 1.00E+04 cm²

Normalized outgassing 1.294E-16 torr l/s-cm² = Flag H/C Outgassing/Test item surf area

see travelers; E070295-00 , E070285-00 , And some parts ar on Traveler E070236-00

Full description: marked with *. (all aluminum parts)

Pre-scan bake: 120C for 48Hrs