



TEST REPORT

Report Number: R14208543-EP1

Applicant : Dynetics
1002 Explorer Boulevard
Huntsville, AL 35806

Model : 9120L

FCC ID : QFS001-10119614

EUT Description : Ground Radar

Test Standard(s) : FCC CFR47 PART 90.103

Date of Issue:

2022-09-20

Prepared by:

UL LLC

12 Laboratory Dr.

Research Triangle Park, NC 27709 USA

Tel: (919) 549-1400



REVISION HISTORY

Ver.	Issue Date	Revisions	Revised By
1	2022-09-20	Initial Release	Noah Bennett

TABLE OF CONTENTS

REVISION HISTORY.....	2
TABLE OF CONTENTS	3
1. EQUIPMENT UNDER TEST.....	4
1.1. DESCRIPTION OF TEST SETUP	4
2. TEST SETUP PHOTOS	5
END OF REPORT	12

1. EQUIPMENT UNDER TEST

1.1. DESCRIPTION OF TEST SETUP

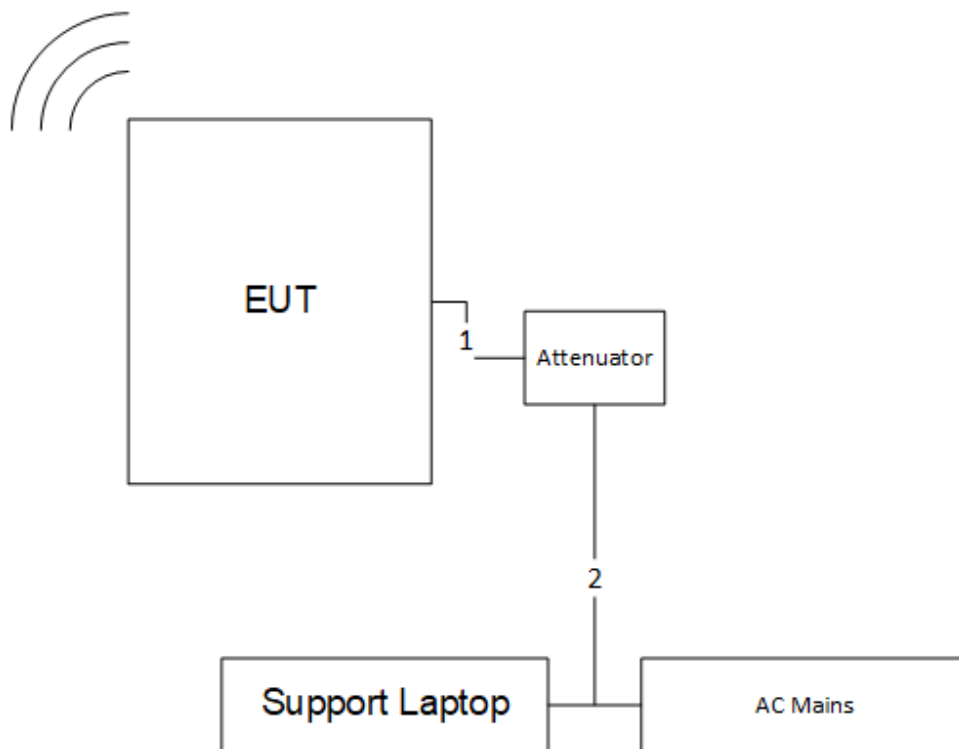
SUPPORT EQUIPMENT

Support Equipment List				
Description	Manufacturer	Model	Serial Number	FCC ID
Laptop	Dell	Latitude E6430	4JF28W1	N/A
Attenuator	Weinschel Associates	WA81-40-30	A157	N/A
Load	Weinchel Corp	1431-4	Bf8239	N/A

I/O CABLES

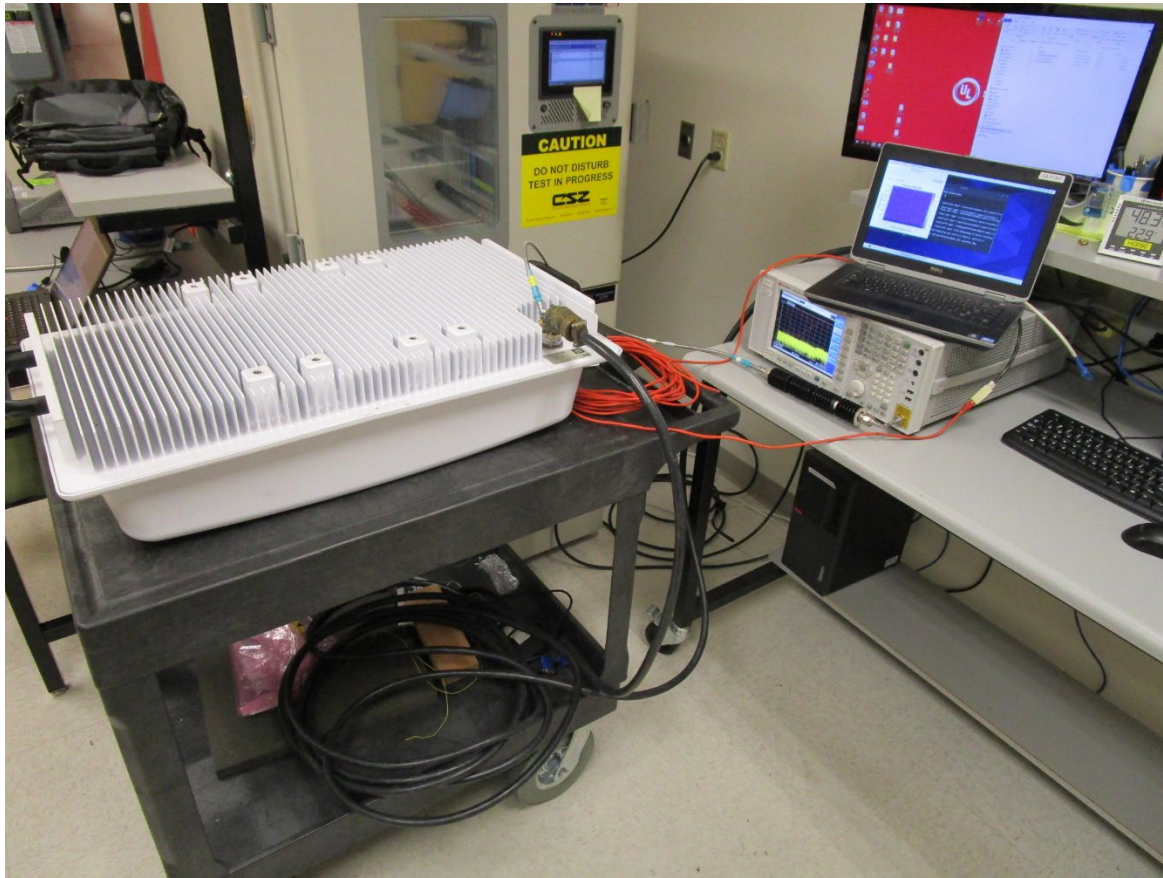
I/O Cable List						
Cable No.	Port	# of Identical Ports	Connector Type	Cable Type	Cable Length (m)	Remarks
1	SMA	1	SMA	RF	>3m	Attached to attenuator for BL18G
2	Mil Spec Weatherproof	1	Circular Milspec	I/O	>3m	Power and Communication

SETUP DIAGRAM

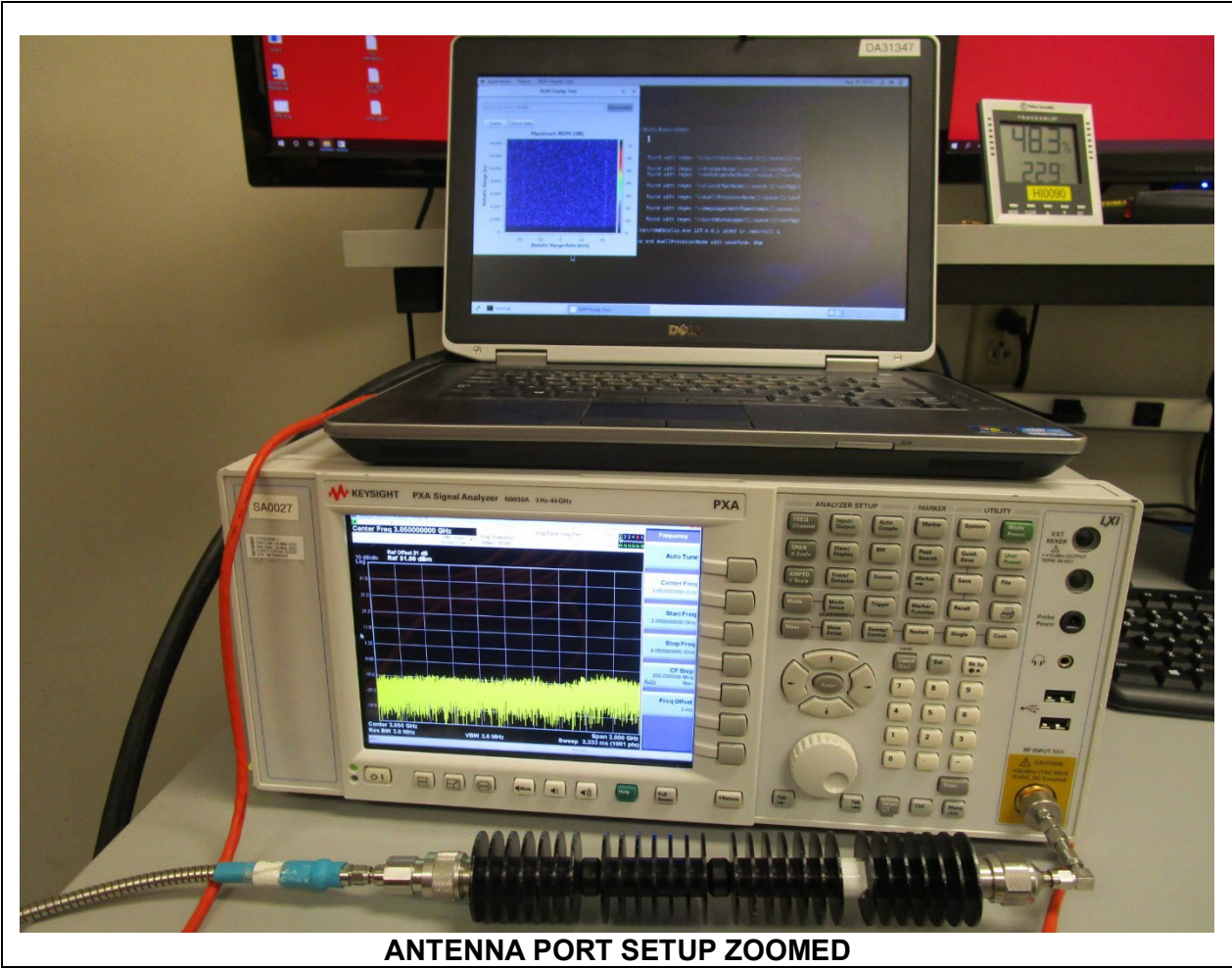


2. TEST SETUP PHOTOS

ANTENNA PORT CONDUCTED AND FREQUENCY STABILITY

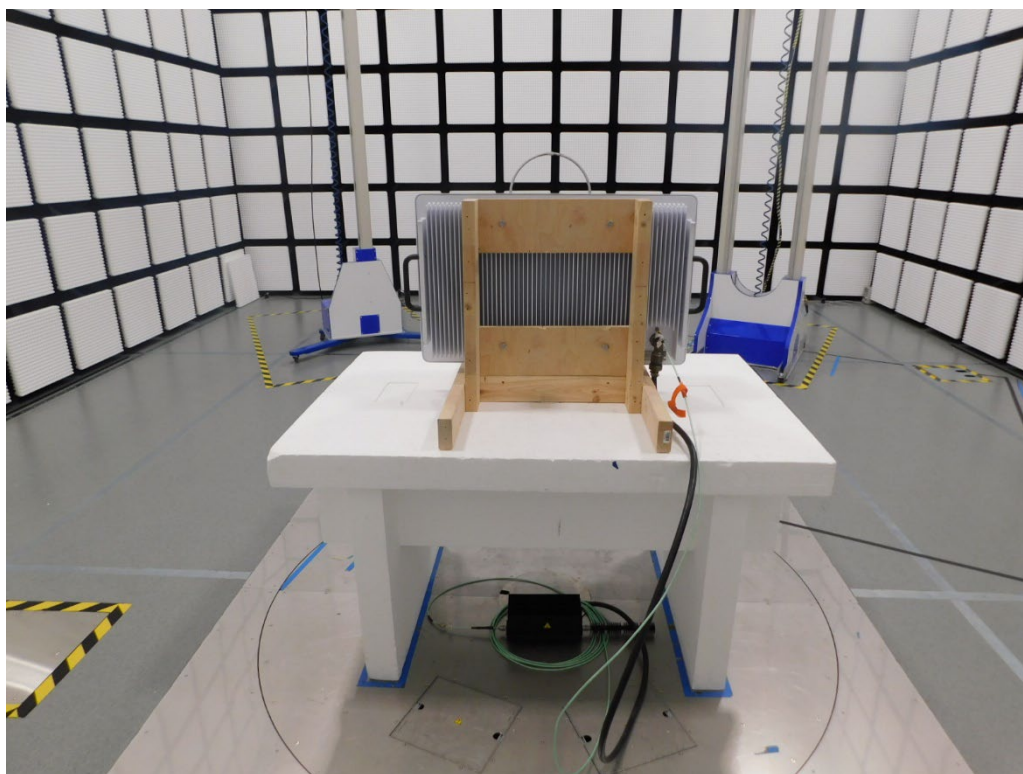


ANTENNA PORT SETUP

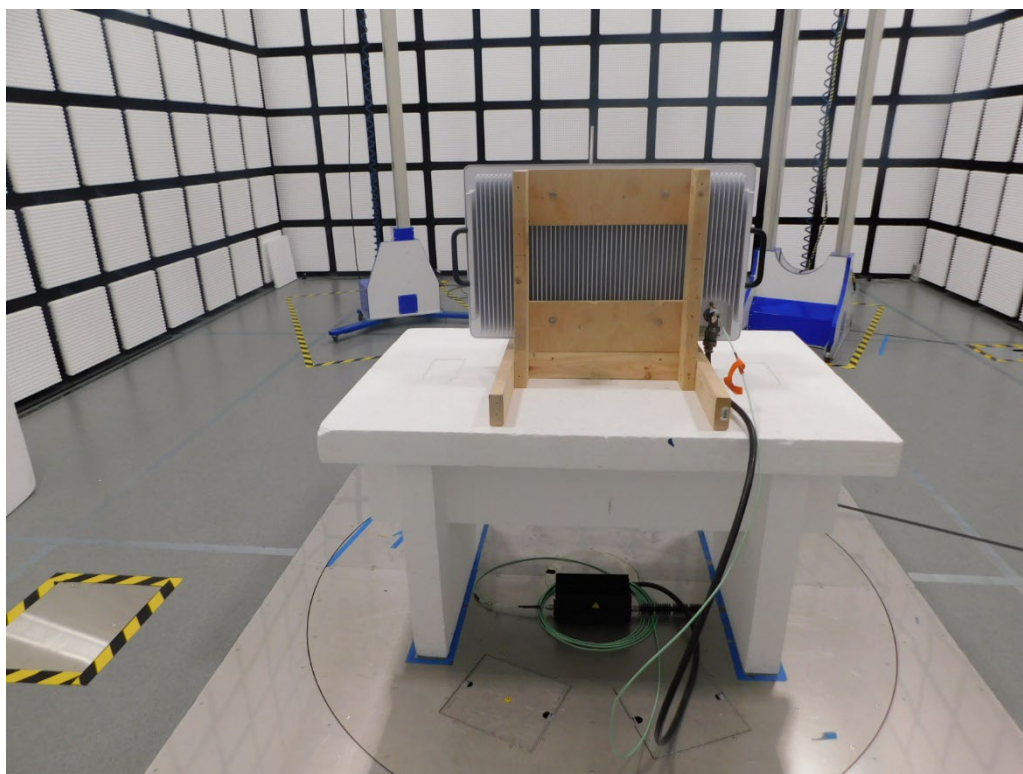




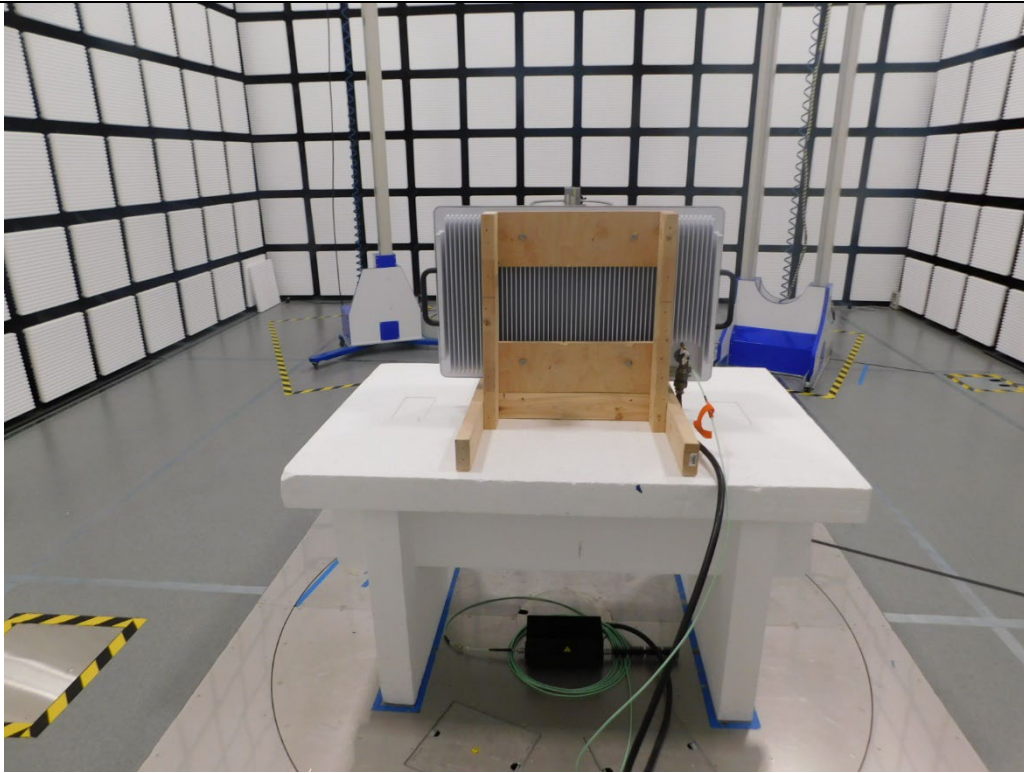
RADIATED EMISSIONS SETUP



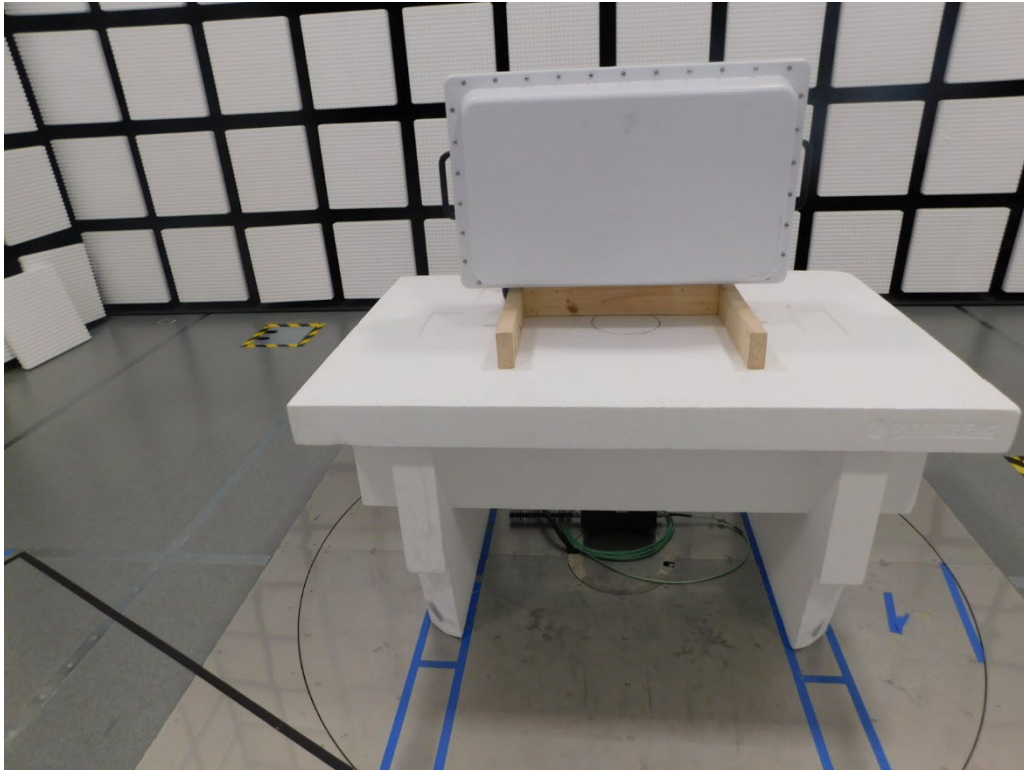
BL30M 0 Deg



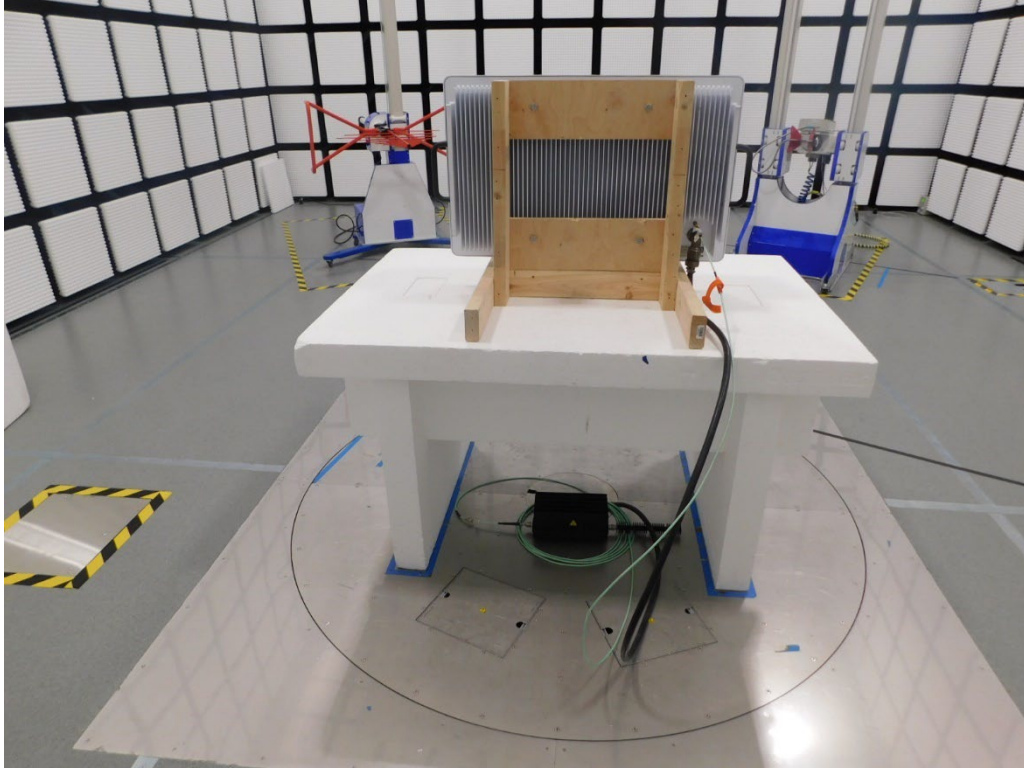
BL30M 90 Deg



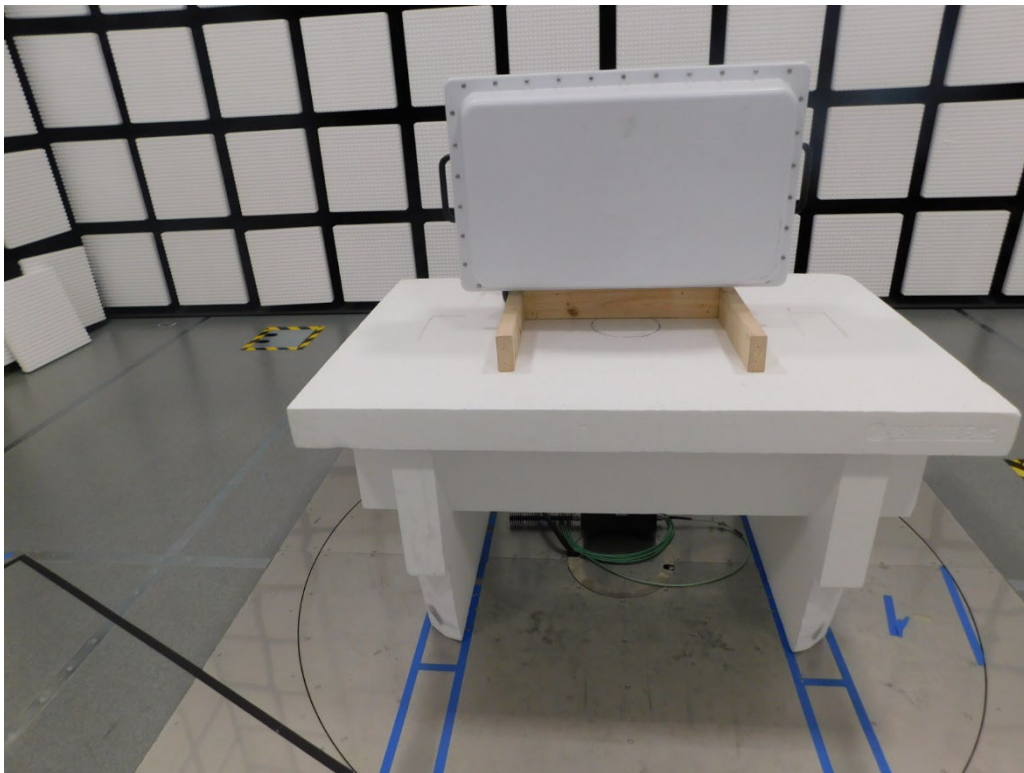
BL30M Flat



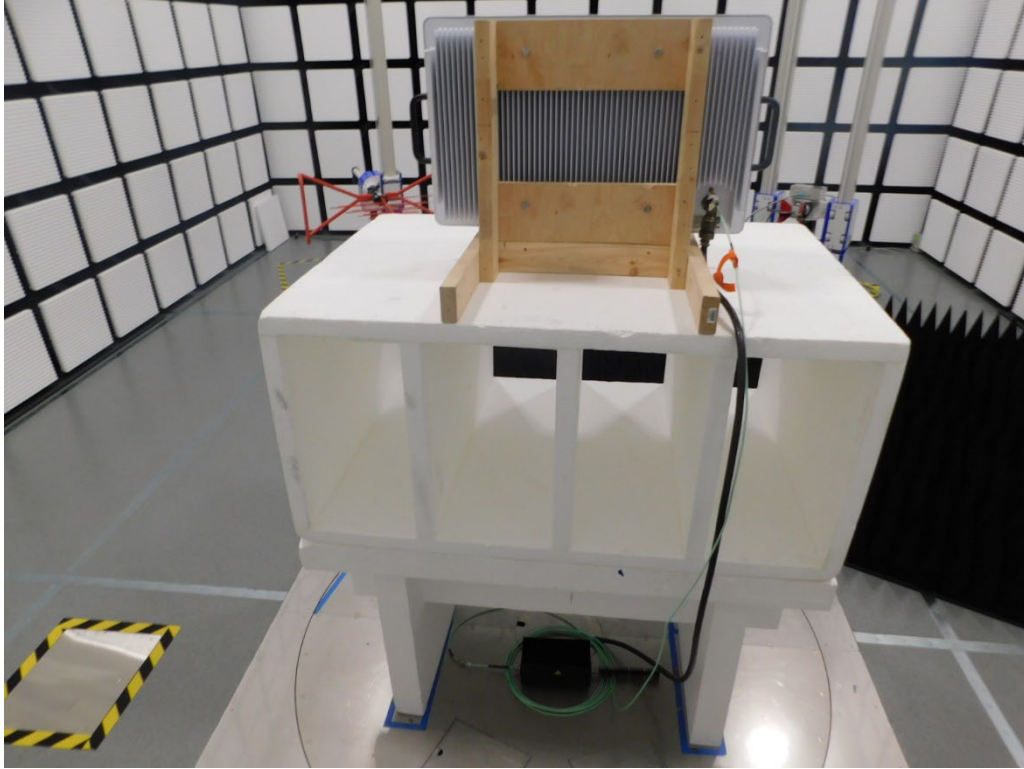
BL30M REAR



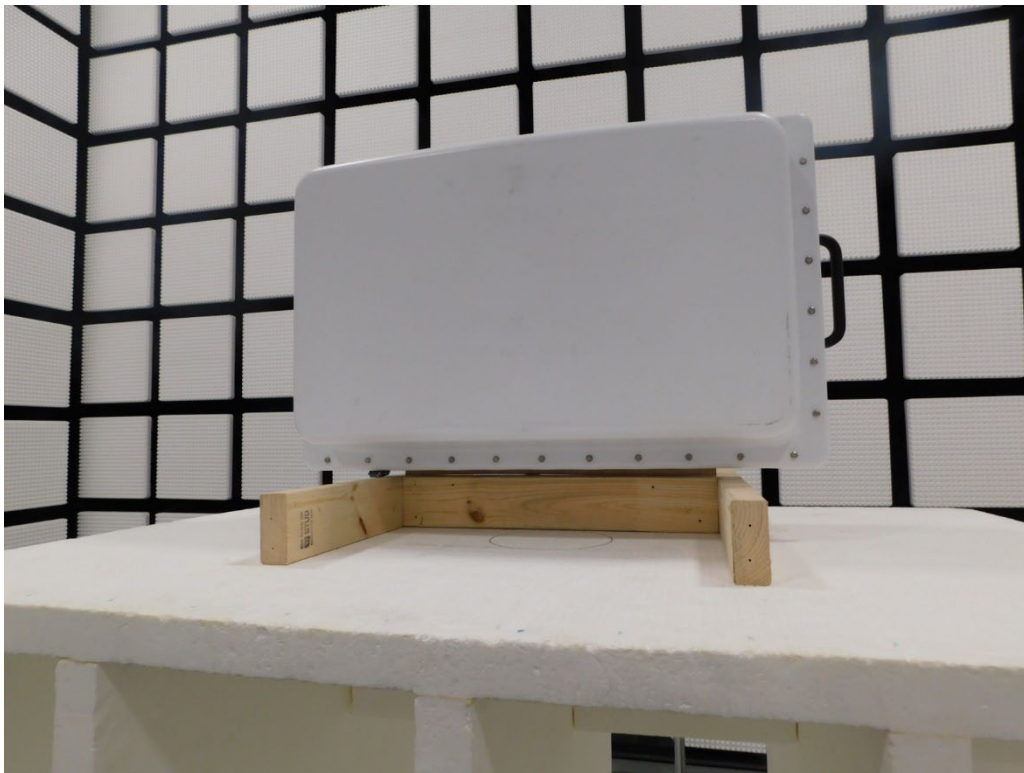
BL1G RADIATED SETUP FRONT



BL1G RADIATED SETUP BACK



A1G RADIATED SETUP FRONT



A1G RADIATED SETUP BACK

END OF REPORT