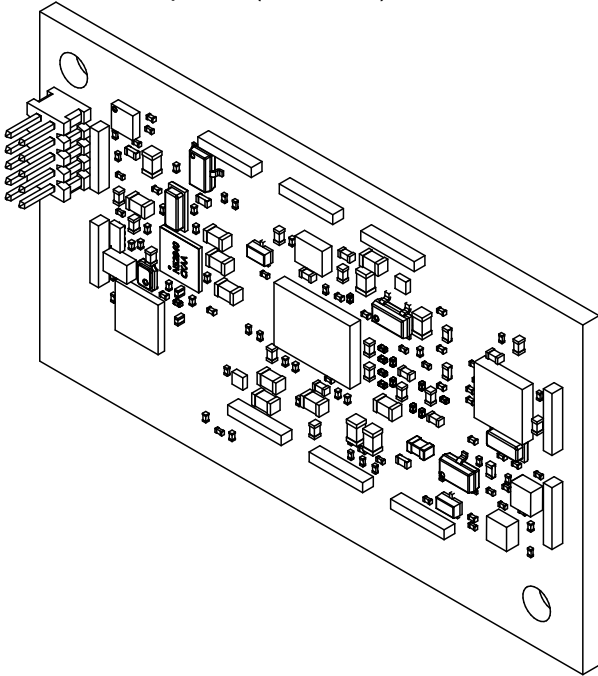


1

- 1) MOISTURE SENSITIVE COMPONENTS
ALL BGAS ARE MSL-3 UNLESS OTHERWISE SPECIFIED
BAKE ALL BGAS FROM UNOPENED PACKAGE WITH MOISTURE INDICATOR CARDS PER J-STD-033B
- 2) QA STAMP
PLACE QA STAMPS IN THE DESIGNATED LOCATIONS
- 3) COMPONENT ORIENTATOIN
REVIEW APPLICABLE COMPONENTS FOR PIN-1 CORRECT ORIENTATION
CONSULT GLOBALSTAR IF ORIENTATION IS NOT CLEAR
- 4) ALL PCB ASSEMBLIES SHALL BE IN COMPIJANCE WITH IPC-A-610E, OR CURRENT REV, PER TYPE 2, CLASS 2 PCB ASSEMBLIES. THE ASSEMBLY/PRODUCT SHOULD COMPLY WITH OTHER IPC REQUIREMENTS, SUCH AS IPC-7351, IPC-2220 (SERIES), IPC-6010 (SERIES), AND IPC-A-600.
CLASS 2 IS A DEDICATED SERVICE ELECTRONIC PRODUCT WHICH IS A PRODUCT WHERE CONTINUED PERFORMANCE AND EXTENDED LIFE IS REQUIRED, AND FOR WHICH UNINTERRUPTED SERVICE IS DESIRED BUT NOT CRITICAL
- 5) LEADED/LEADLESS DEVICES:
ACCEPTABLE -CLASS 1, 2, 3
: CHIPS OR SCRATCHES THAT DO NOT EXPOSE THE COMPONENT SUBRSTRATE OR ACTIUE ELEMENTS OR AFF ECT STRUCTUAL INTEGRITY, FORM, FIT OR FUNCTION.
: CHIPS OR SCRATCHES IN COMPONENT MENISCUS THAT DO NOT EXPOSE THE COMPONENT SUBSTRATE OR ACTIUE ELEMENTS, OR AFFECT STRUCTUAL INTEGRITY, FORM, FIT, OR FUNCTION.
: STRUCTIAL INTEGRITY IS NOT COMPROMISED.
: NO EUIDENCE OF CRACKS OR DAMAGE TO THE LID OR LEAD SEALS OF A COMPONENT.
: DENTS, SCRATCHES DO NOT AFFECT FORM, FIT a FUNCTION AND DO NOT EXCEED MANUFACTURER'S SPECIFICIATIONS.
: NO BURNED, CHARRED COMPONENTS.
- 6) FLUX RESIDUES:
ACCEPTABLE -CLASS 1, 2, 3
: NO DISCERNIBLE RESIDUE FROM CLEANABLE FLUXES IS ALLOWED.
: FLUX RESIDUES FROM NO-CLEAN PROCESSES MAY BE ALLOWED.
: FLUX RESIDUE DOES NOT INHIBIT UISUAL INSPECTION.
: FLUX RESIDUE DOES NOT INHIBIT ACCESS TO TEST POINTS OR THE ASSEMBLY.
- 7) COMPONENT MOUNTING HORIZONTAL AXIAL:
ACCEPTABLE -CLASS 1, 2, 3
: POLARIZED AND MULTI LEAD COMPONENTS ARE ORIENTED CORRECTLY.
: WHEN HAND FORMED AND HAND-INSERTED, POLARIZATION SYMBOLS ARE DISCERNIBLE.
: ALL COMPONENTS ARE AS SPECIFIED AND TERMINATE TO CORRECT LANDS.
: NONPOLARIZED COMPONENTS ARE NOT ORIENTED SO THAT MARKINGS ALL READ THE SAME WAY (LEFT-TO-RIGHT OR TOP-TO-BOTTOM).
- 8) COMPONENT MOUNTING VERTICAL, AXIAL.:
ACCEPTABLE -CLASS 1, 2, 3
: POLARIZED PART IS MOUNTED WITH LONG GROUND LEAD.
: POLARIZED MARKING IS HIDDEN
: NONPOLARIZED COMPONENT MARKINGS READ FROM BOTTOM TO TOP.

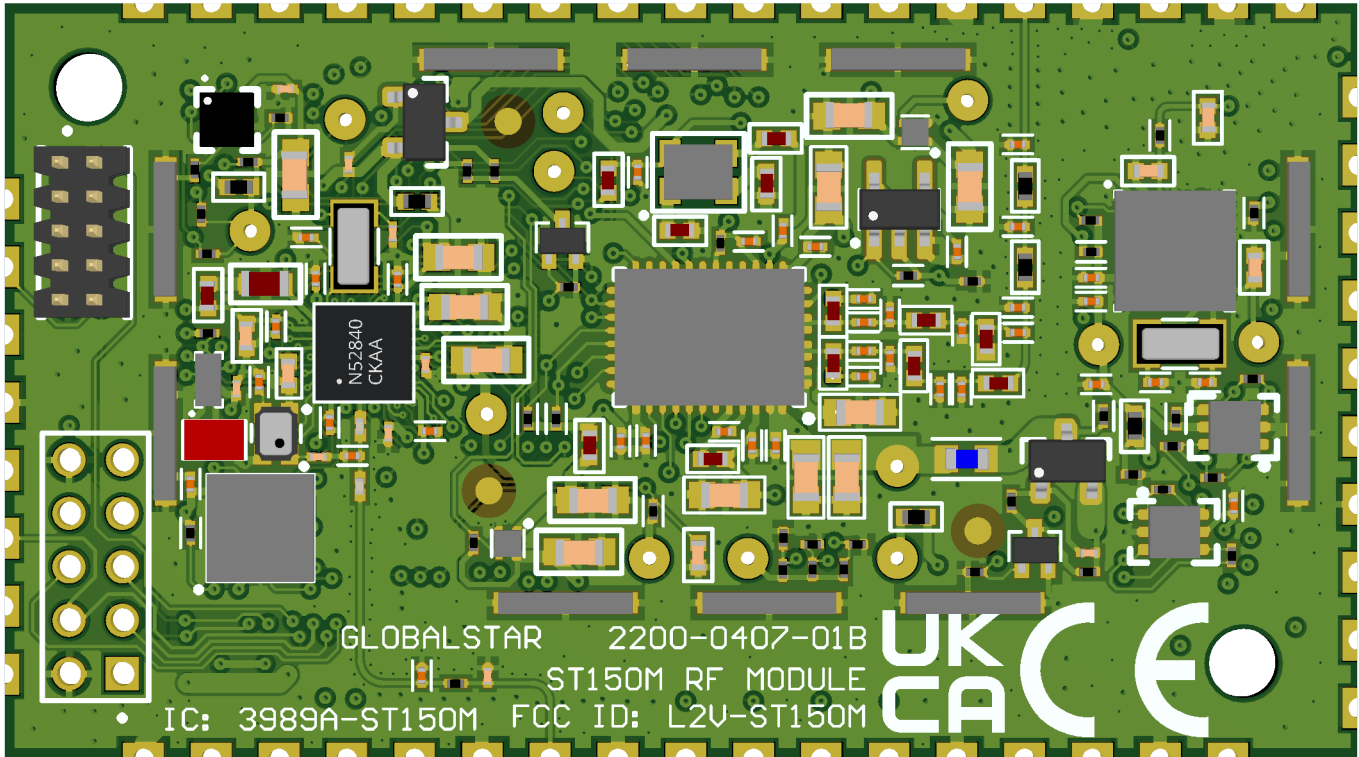
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View from Top side (Scale 2:1)



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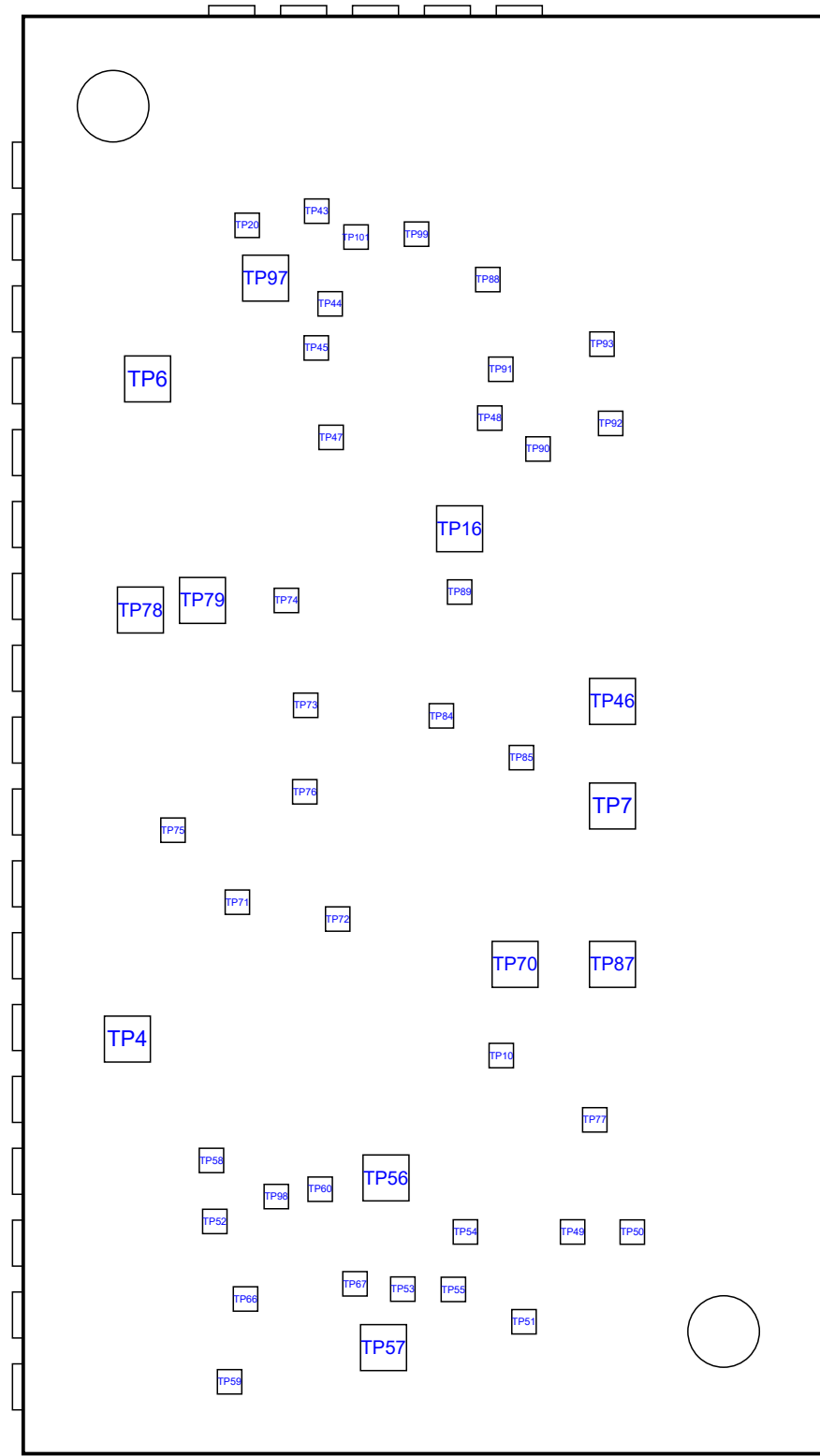
Realistic View



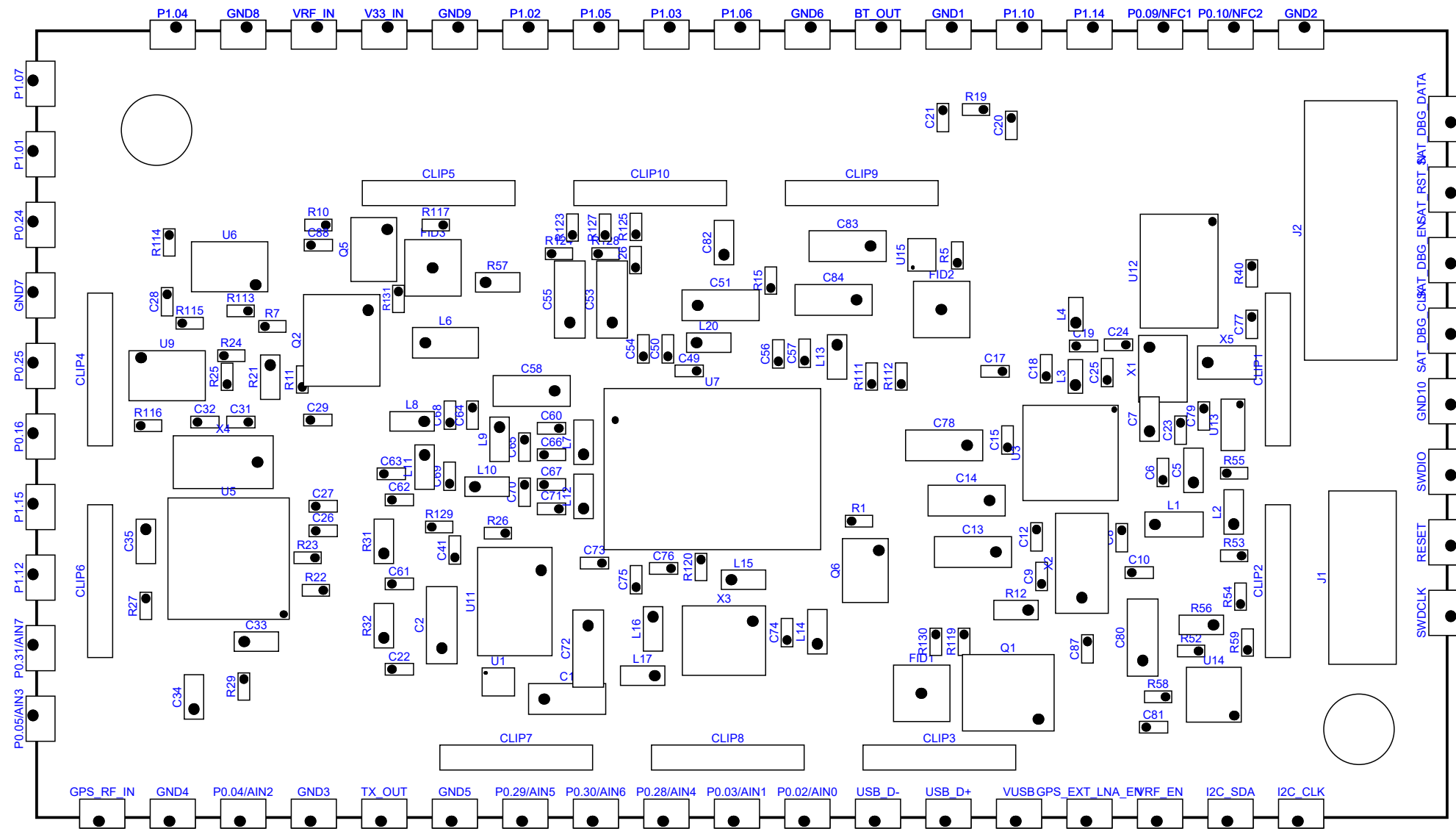
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REV	ECO	DATE	ENGR	UNLESS OTHERWISE SPECIFIED:		NAME	DATE	Globalstar 1351 Holiday Square BLVD Covington, LA 70433 TITLE ASSY, ST150M RF MODULE SIZE B DWG. NO. 2200-0407-01 A1 SCALE: 1:1 WEIGHT: SHEET 1 OF 4		
X1	1741	2/1/21	JM	DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL± ANGULAR: MACH± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±	DRAWN	KM	3/15/2022			
X2	1799	6/1/21	JM	INTERPRET GEOMETRIC TOLERANCING PER:	CHECKED					
A1	1873	10/19/21	JM	MATERIAL	ENG APPR.	*				
B1	TBD	TBD	KM	FINISH	MFG APPR.			COMMENTS:		
				DO NOT SCALE DRAWING	Q.A.					



COMPONENT ORIENTATION (SCALE 5:1)



Globalstar 1351 Holiday Square BLVD Covington, LA 70433			
TITLE			
ASSY, ST150M RF MODULE			
SIZE	DWG. NO.		
B	2200-0407-01	A1	
SCALE:	1:1	WEIGHT:	SHEET 3 OF 4

A

B

C

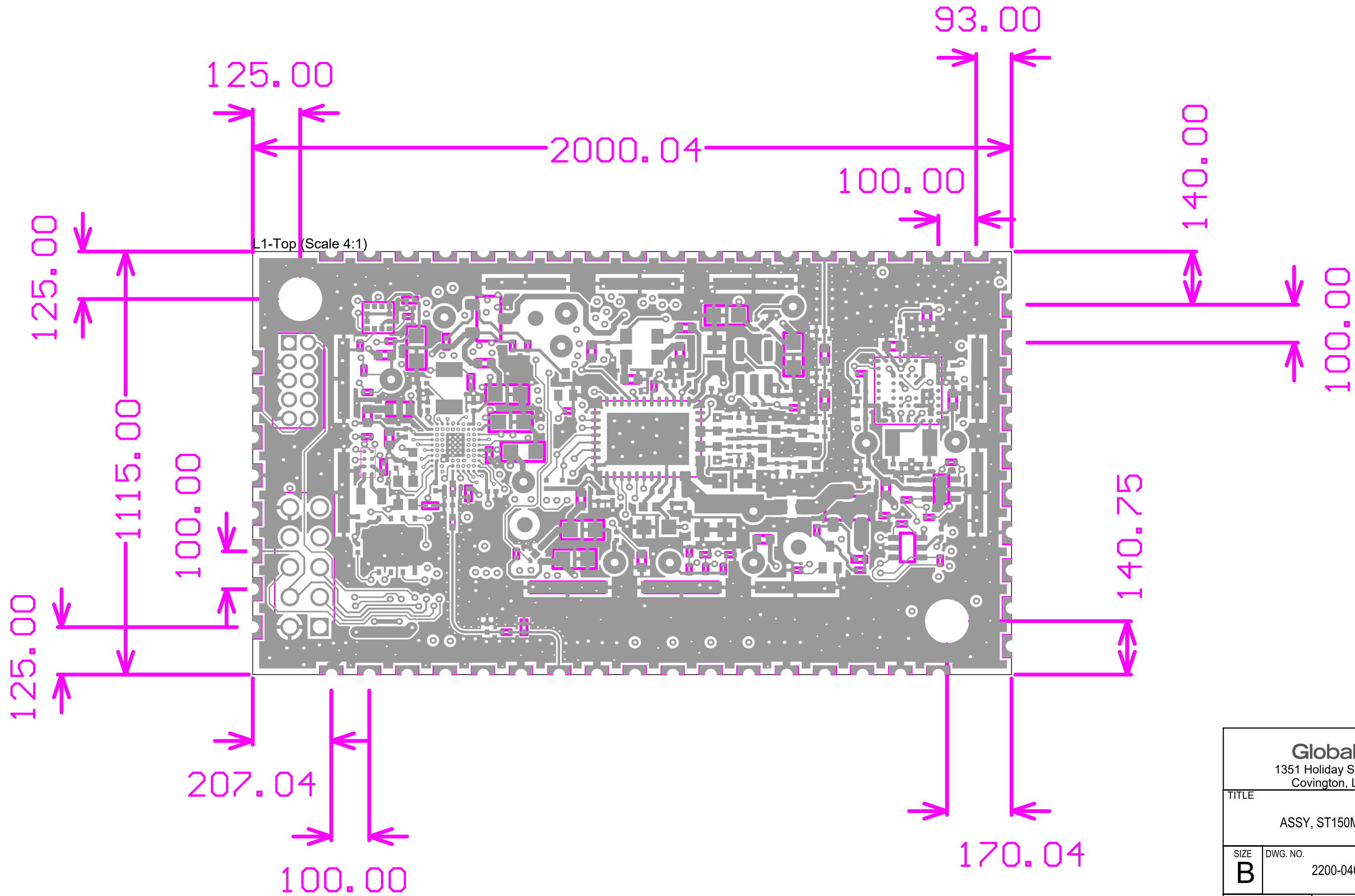
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2



Globalstar 1351 Holiday Square BLVD Covington, LA 70433			
TITLE			
ASSY, ST150M RF MODULE			
SIZE	DWG. NO.		
B	2200-0407-01	A1	
SCALE:	1:1	WEIGHT:	SHEET 4 OF 4

A

B

C

D