

LIST OF FIGURES

FIGURE 1: 1110-A-0604 DATA PROCESSOR TOP.....	2
FIGURE 2: 1110-A-0604 DATA PROCESSOR BOTTOM	3
FIGURE 3: 1210-A-0010-03 HST BGAN 1 CHANNEL CARD TOP	4
FIGURE 4: 1210-A-0010-03 HST BGAN 1 CHANNEL CARD BOTTOM	5
FIGURE 5: HST DIGITAL MODULE 1210-A-0002-03 TOP (PART OF THE HST BGAN 1 CHANNEL CARD).....	6
FIGURE 6: HST DIGITAL MODULE 1210-A-0002-03 BOTTOM (PART OF THE HST BGAN 1 CHANNEL CARD)	7
FIGURE 7: 1210-A-0003 RF MODULE TOP (PART OF THE HST BGAN 1 CHANNEL CARD).....	8
FIGURE 8: 1210-A-0003 RF MODULE BOTTOM (PART OF THE HST BGAN 1 CHANNEL CARD)	8
FIGURE 9: 1110-F-0617 OXCO TOP	9
FIGURE 10: 1110-F-0617 OXCO BOTTOM	10
FIGURE 11: 1110-F-0617 OXCO INSTALLED	11
FIGURE 12: 1110-F-0304 HST POWER SUPPLY TOP	12
FIGURE 13: 1110-F-0304 HST POWER SUPPLY BOTTOM	13
FIGURE 14: 1110-A-0630 OUTPUT AMPLIFIER TOP	14
FIGURE 15: 1110-A-0630 OUTPUT AMPLIFIER BOTTOM.....	15
FIGURE 16: 1110-A-0210 OUTPUT AMPLIFIER CCA TOP (PART OF THE OUTPUT AMPLIFIER).....	16
FIGURE 17: 1110-A-0210 OUTPUT AMPLIFIER CCA BOTTOM (PART OF THE OUTPUT AMPLIFIER)	16
FIGURE 18: COMPONENTS IN CHASSIS	17

CONFIDENTIAL, UNPUBLISHED PROPERTY OF ONE OR MORE OF THE FOLLOWING - EMS TECHNOLOGIES CANADA, LTD., FORMATION INC., SKY CONNECT LLC (COLLECTIVELY “EMS AVIATION”).

USE AND DISTRIBUTION LIMITED SOLELY TO AUTHORIZED PERSONNEL

The use, disclosure, reproduction, modification, transfer or transmittal of this work for any purpose, in any form, or by any means without the prior written permission of EMS Aviation is strictly prohibited. This document does not contain technical data as defined in the International Traffic and Arms Regulations (ITAR) 22 CFR 120-130.

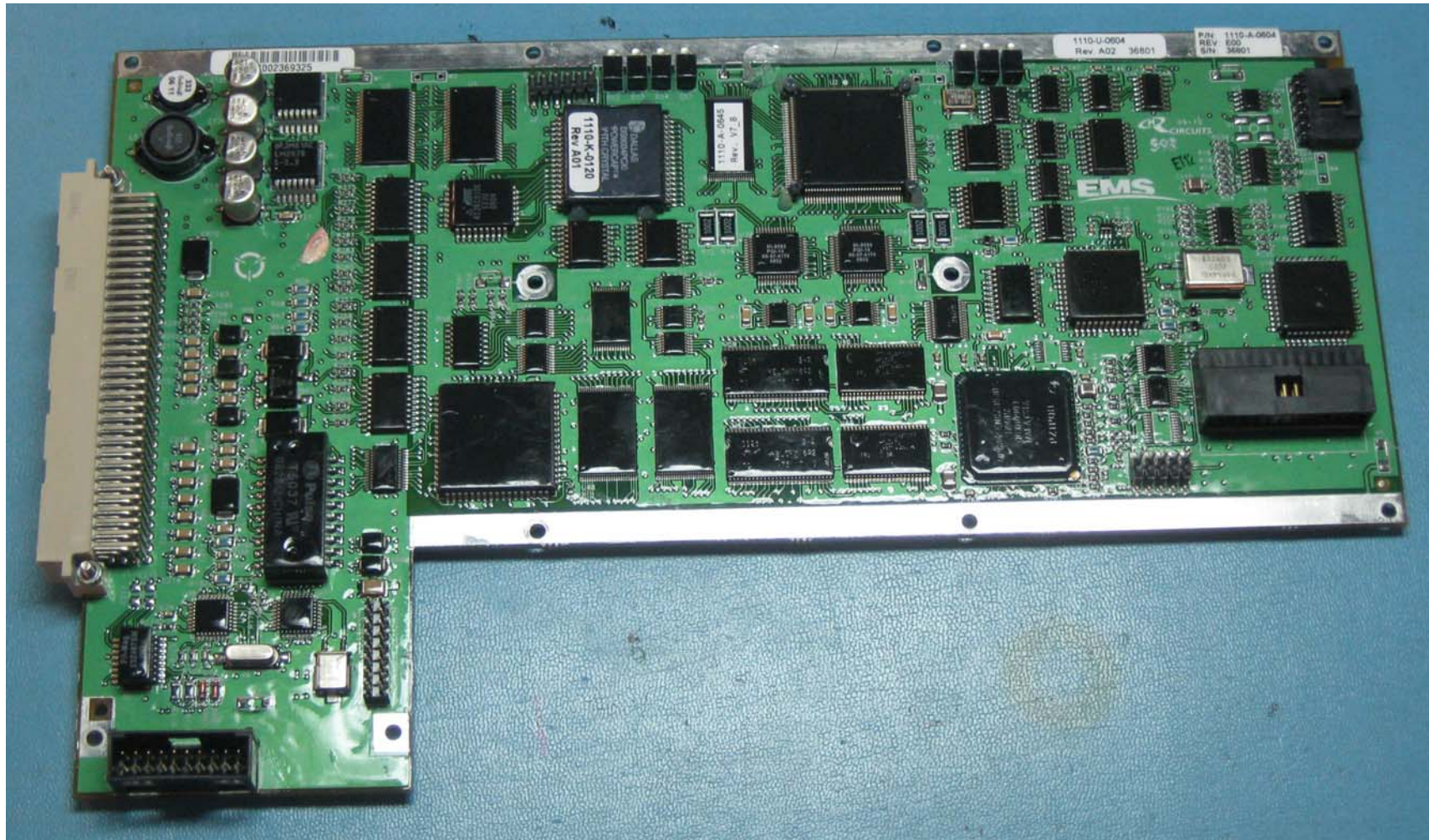


Figure 1: 1110-A-0604 Data Processor Top

CONFIDENTIAL, UNPUBLISHED PROPERTY OF ONE OR MORE OF THE FOLLOWING - EMS TECHNOLOGIES CANADA, LTD., FORMATION INC., SKY CONNECT LLC (COLLECTIVELY "EMS AVIATION").

USE AND DISTRIBUTION LIMITED SOLELY TO AUTHORIZED PERSONNEL

The use, disclosure, reproduction, modification, transfer or transmittal of this work for any purpose, in any form, or by any means without the prior written permission of EMS Aviation is strictly prohibited. This document does not contain technical data as defined in the International Traffic and Arms Regulations (ITAR) 22 CFR 120-130.

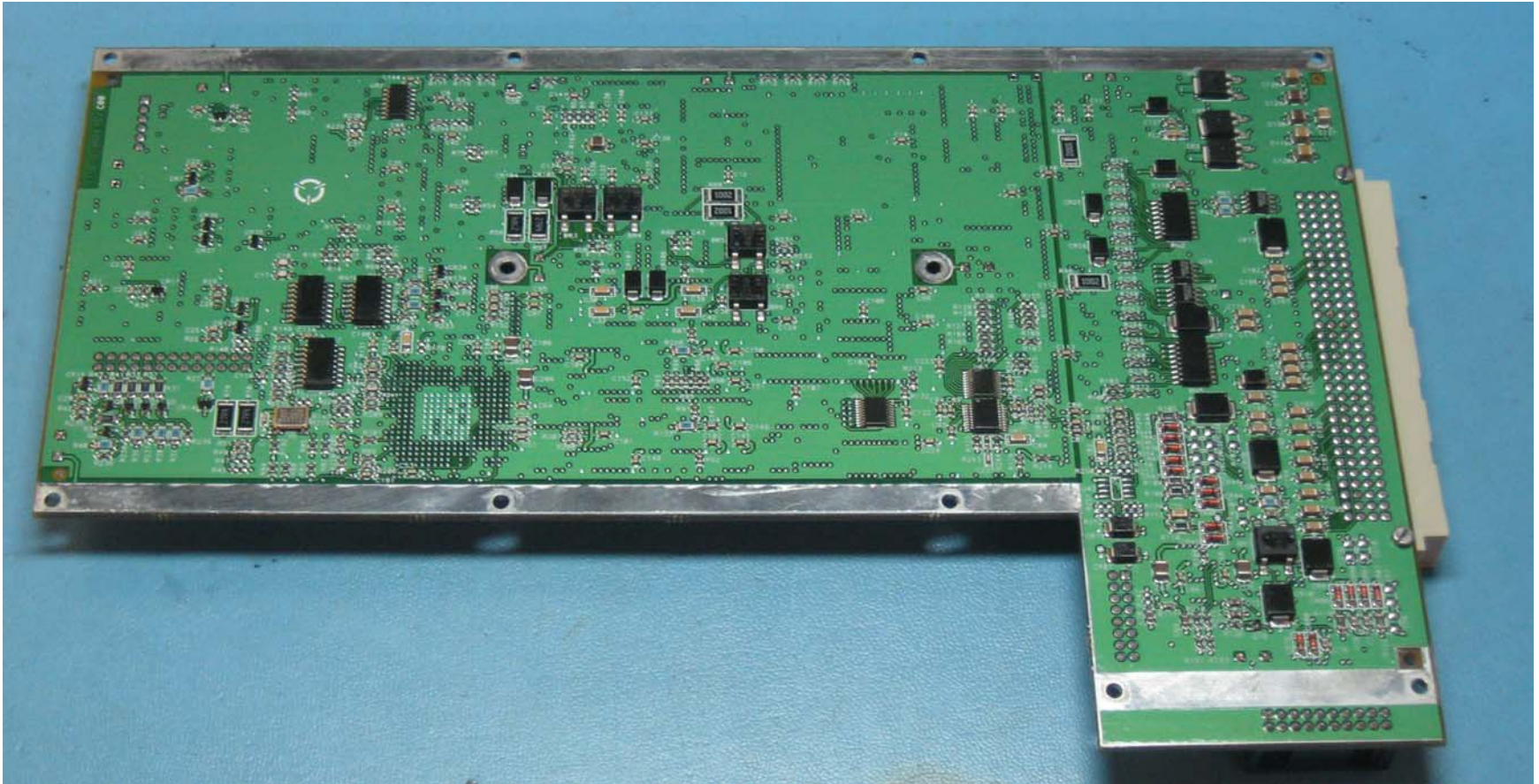


Figure 2: 1110-A-0604 Data Processor Bottom

CONFIDENTIAL, UNPUBLISHED PROPERTY OF ONE OR MORE OF THE FOLLOWING - EMS TECHNOLOGIES CANADA, LTD., FORMATION INC., SKY CONNECT LLC (COLLECTIVELY "EMS AVIATION").

USE AND DISTRIBUTION LIMITED SOLELY TO AUTHORIZED PERSONNEL

The use, disclosure, reproduction, modification, transfer or transmittal of this work for any purpose, in any form, or by any means without the prior written permission of EMS Aviation is strictly prohibited. This document does not contain technical data as defined in the International Traffic and Arms Regulations (ITAR) 22 CFR 120-130.

HST BGAN Channel Card Assembly Part Number



Figure 3: 1210-A-0010-03 HST BGAN 1 Channel Card Top

CONFIDENTIAL, UNPUBLISHED PROPERTY OF ONE OR MORE OF THE FOLLOWING - EMS TECHNOLOGIES CANADA, LTD., FORMATION INC., SKY CONNECT LLC (COLLECTIVELY "EMS AVIATION").

USE AND DISTRIBUTION LIMITED SOLELY TO AUTHORIZED PERSONNEL

The use, disclosure, reproduction, modification, transfer or transmittal of this work for any purpose, in any form, or by any means without the prior written permission of EMS Aviation is strictly prohibited. This document does not contain technical data as defined in the International Traffic and Arms Regulations (ITAR) 22 CFR 120-130.

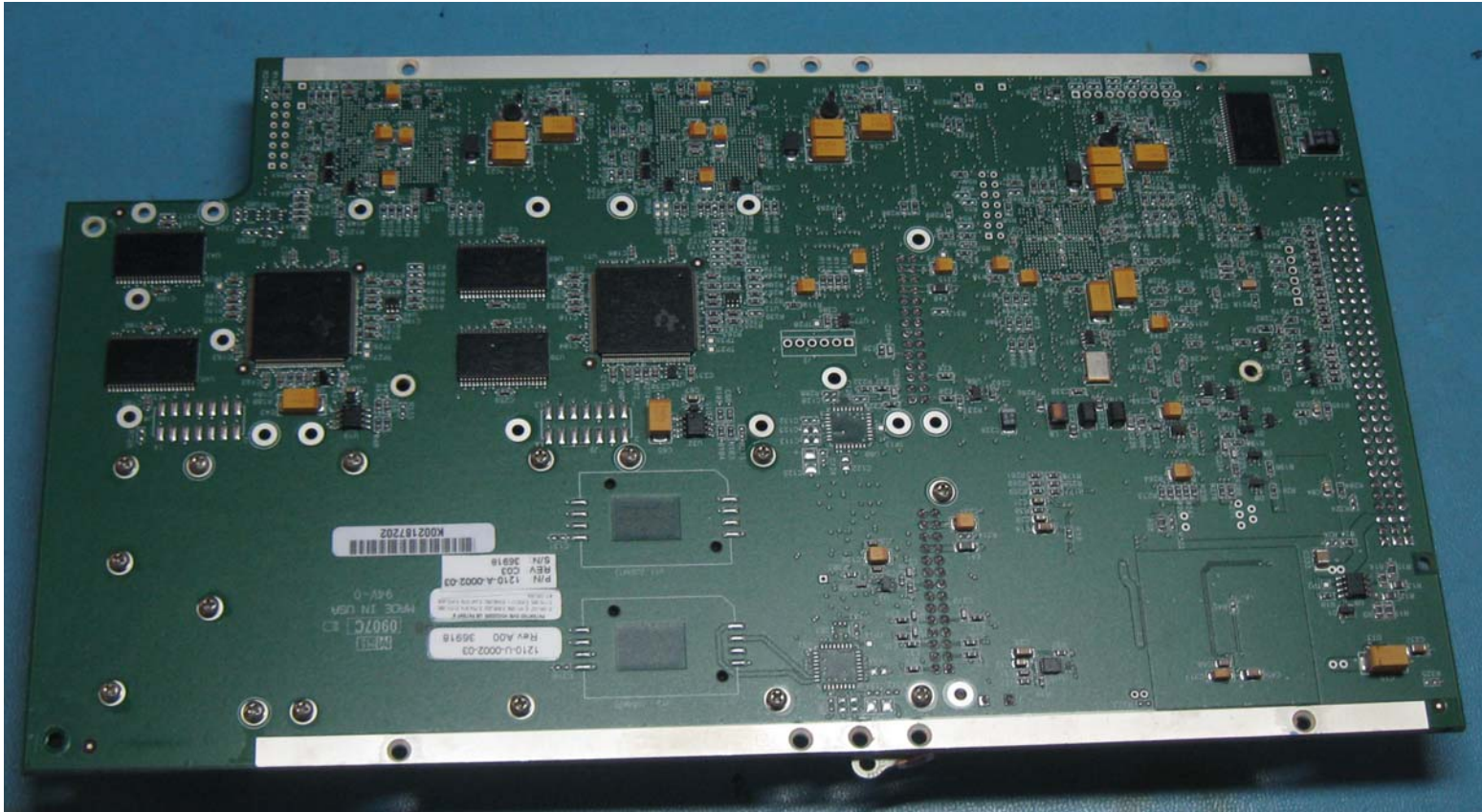


Figure 4: 1210-A-0010-03 HST BGAN 1 Channel Card Bottom

CONFIDENTIAL, UNPUBLISHED PROPERTY OF ONE OR MORE OF THE FOLLOWING - EMS TECHNOLOGIES CANADA, LTD., FORMATION INC., SKY CONNECT LLC (COLLECTIVELY “EMS AVIATION”).

USE AND DISTRIBUTION LIMITED SOLELY TO AUTHORIZED PERSONNEL

The use, disclosure, reproduction, modification, transfer or transmittal of this work for any purpose, in any form, or by any means without the prior written permission of EMS Aviation is strictly prohibited. This document does not contain technical data as defined in the International Traffic and Arms Regulations (ITAR) 22 CFR 120-130.



Figure 5: HST Digital Module 1210-A-0002-03 Top (Part of the HST BGAN 1 Channel Card)

CONFIDENTIAL, UNPUBLISHED PROPERTY OF ONE OR MORE OF THE FOLLOWING - EMS TECHNOLOGIES CANADA, LTD., FORMATION INC., SKY CONNECT LLC (COLLECTIVELY "EMS AVIATION").

USE AND DISTRIBUTION LIMITED SOLELY TO AUTHORIZED PERSONNEL

The use, disclosure, reproduction, modification, transfer or transmittal of this work for any purpose, in any form, or by any means without the prior written permission of EMS Aviation is strictly prohibited. This document does not contain technical data as defined in the International Traffic and Arms Regulations (ITAR) 22 CFR 120-130.

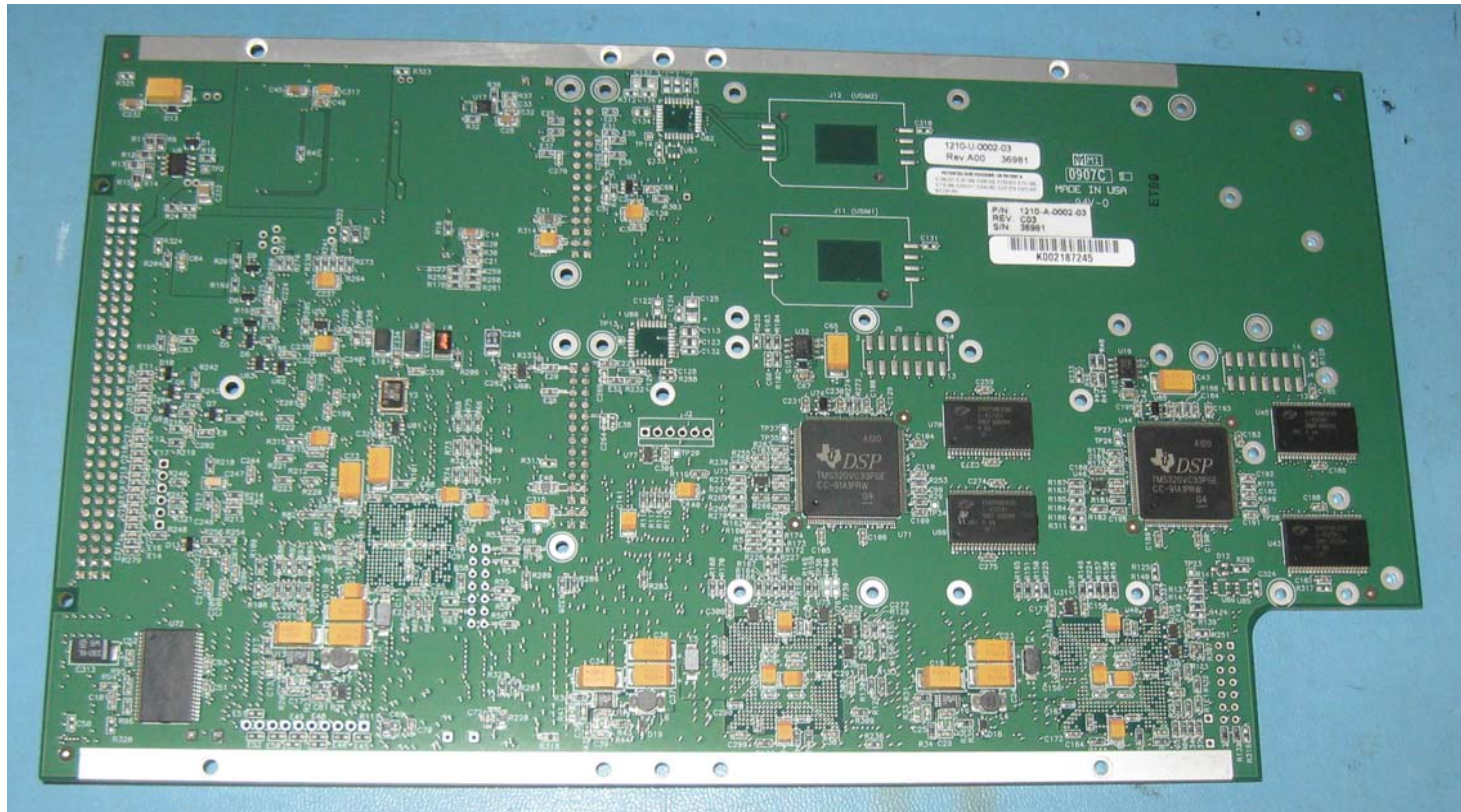


Figure 6: HST Digital Module 1210-A-0002-03 Bottom (Part of the HST BGAN 1 Channel Card)

CONFIDENTIAL, UNPUBLISHED PROPERTY OF ONE OR MORE OF THE FOLLOWING - EMS TECHNOLOGIES CANADA, LTD., FORMATION INC., SKY CONNECT LLC (COLLECTIVELY "EMS AVIATION").

USE AND DISTRIBUTION LIMITED SOLELY TO AUTHORIZED PERSONNEL

The use, disclosure, reproduction, modification, transfer or transmittal of this work for any purpose, in any form, or by any means without the prior written permission of EMS Aviation is strictly prohibited. This document does not contain technical data as defined in the International Traffic and Arms Regulations (ITAR) 22 CFR 120-130.

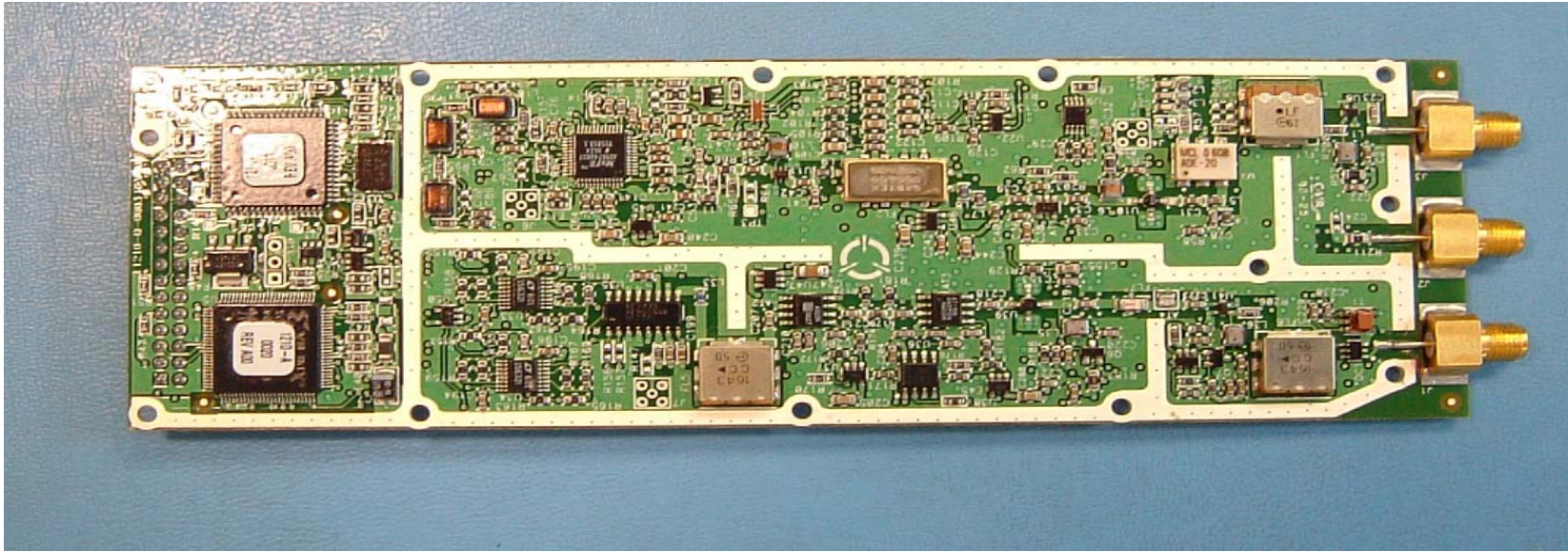


Figure 7: 1210-A-0003 RF Module Top (Part of the HST BGAN 1 Channel Card)

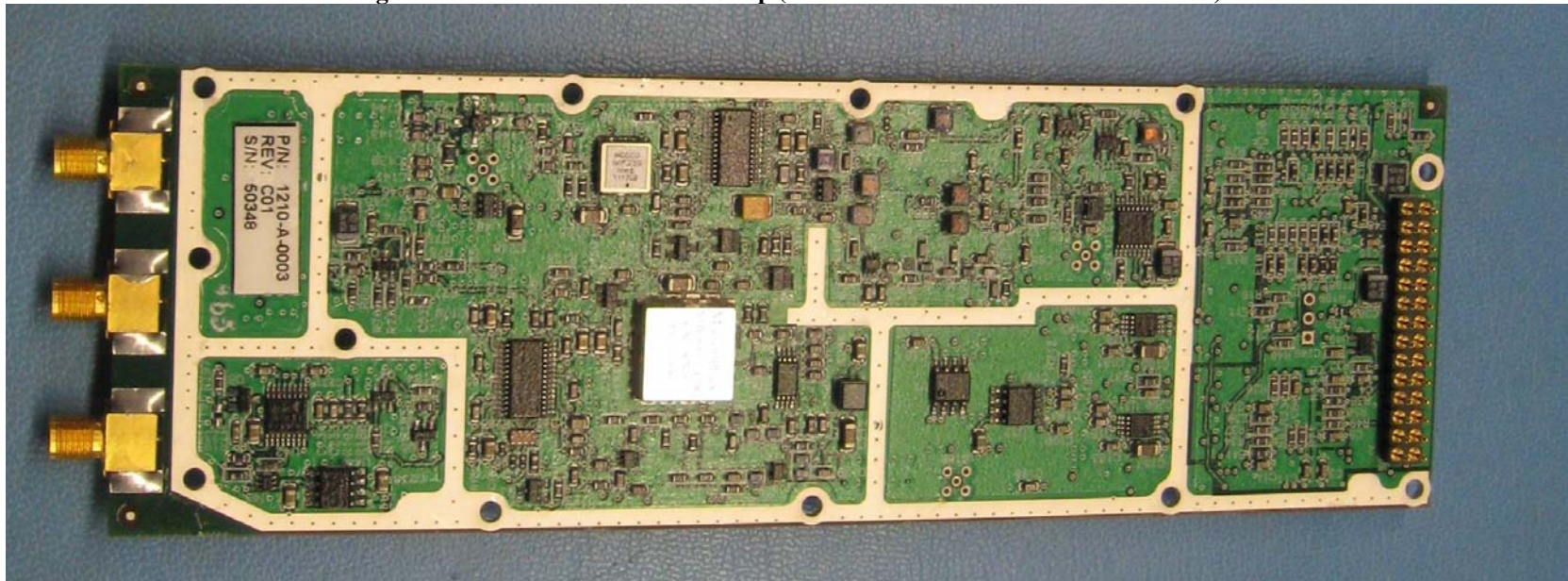


Figure 8: 1210-A-0003 RF Module Bottom (Part of the HST BGAN 1 Channel Card)

CONFIDENTIAL, UNPUBLISHED PROPERTY OF ONE OR MORE OF THE FOLLOWING - EMS TECHNOLOGIES CANADA, LTD., FORMATION INC., SKY CONNECT LLC (COLLECTIVELY "EMS AVIATION").

USE AND DISTRIBUTION LIMITED SOLELY TO AUTHORIZED PERSONNEL

The use, disclosure, reproduction, modification, transfer or transmittal of this work for any purpose, in any form, or by any means without the prior written permission of EMS Aviation is strictly prohibited. This document does not contain technical data as defined in the International Traffic and Arms Regulations (ITAR) 22 CFR 120-130.

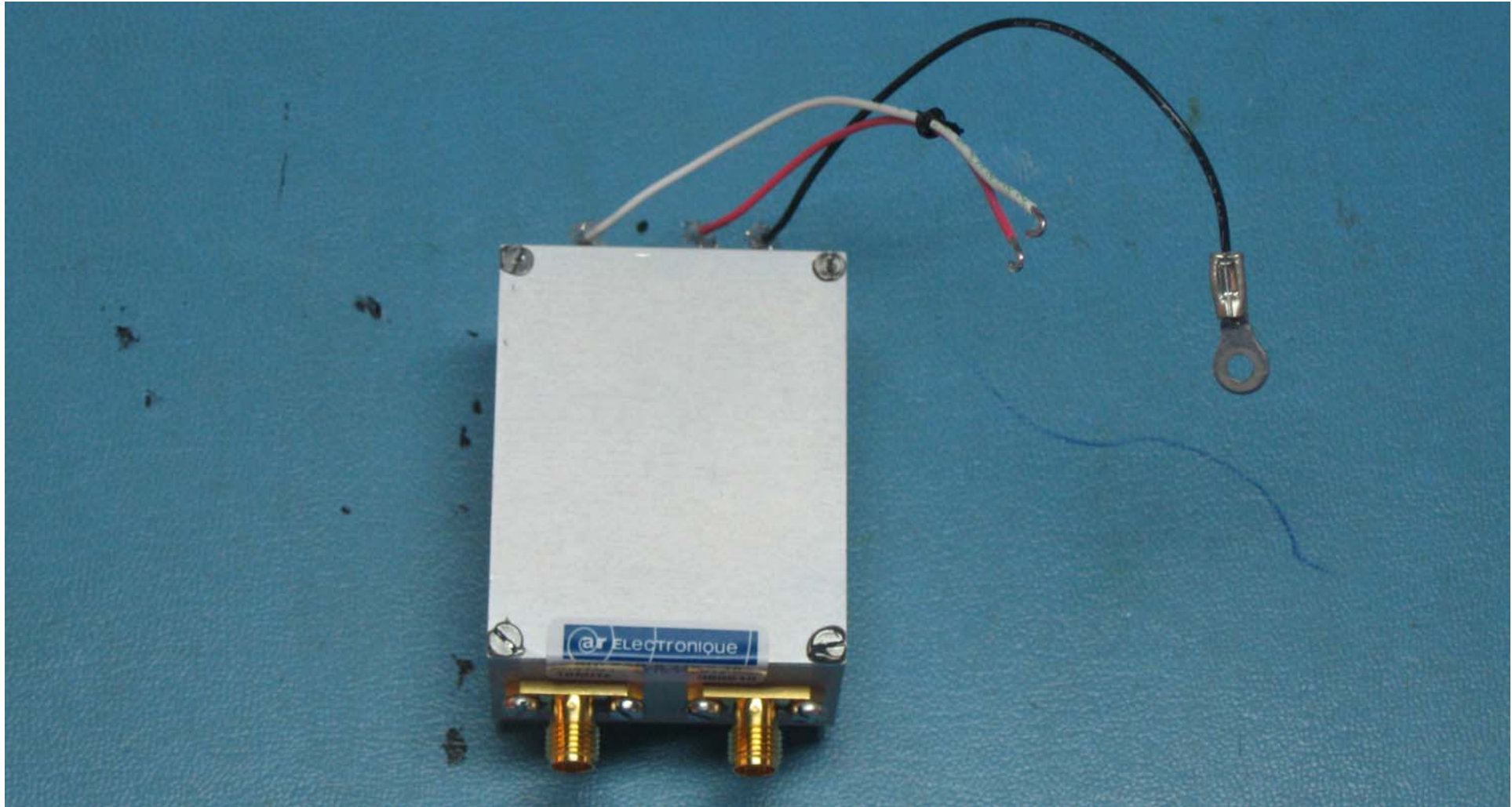


Figure 9: 1110-F-0617 OXCO Top

CONFIDENTIAL, UNPUBLISHED PROPERTY OF ONE OR MORE OF THE FOLLOWING - EMS TECHNOLOGIES CANADA, LTD., FORMATION INC., SKY CONNECT LLC (COLLECTIVELY "EMS AVIATION").

USE AND DISTRIBUTION LIMITED SOLELY TO AUTHORIZED PERSONNEL

The use, disclosure, reproduction, modification, transfer or transmittal of this work for any purpose, in any form, or by any means without the prior written permission of EMS Aviation is strictly prohibited. This document does not contain technical data as defined in the International Traffic and Arms Regulations (ITAR) 22 CFR 120-130.

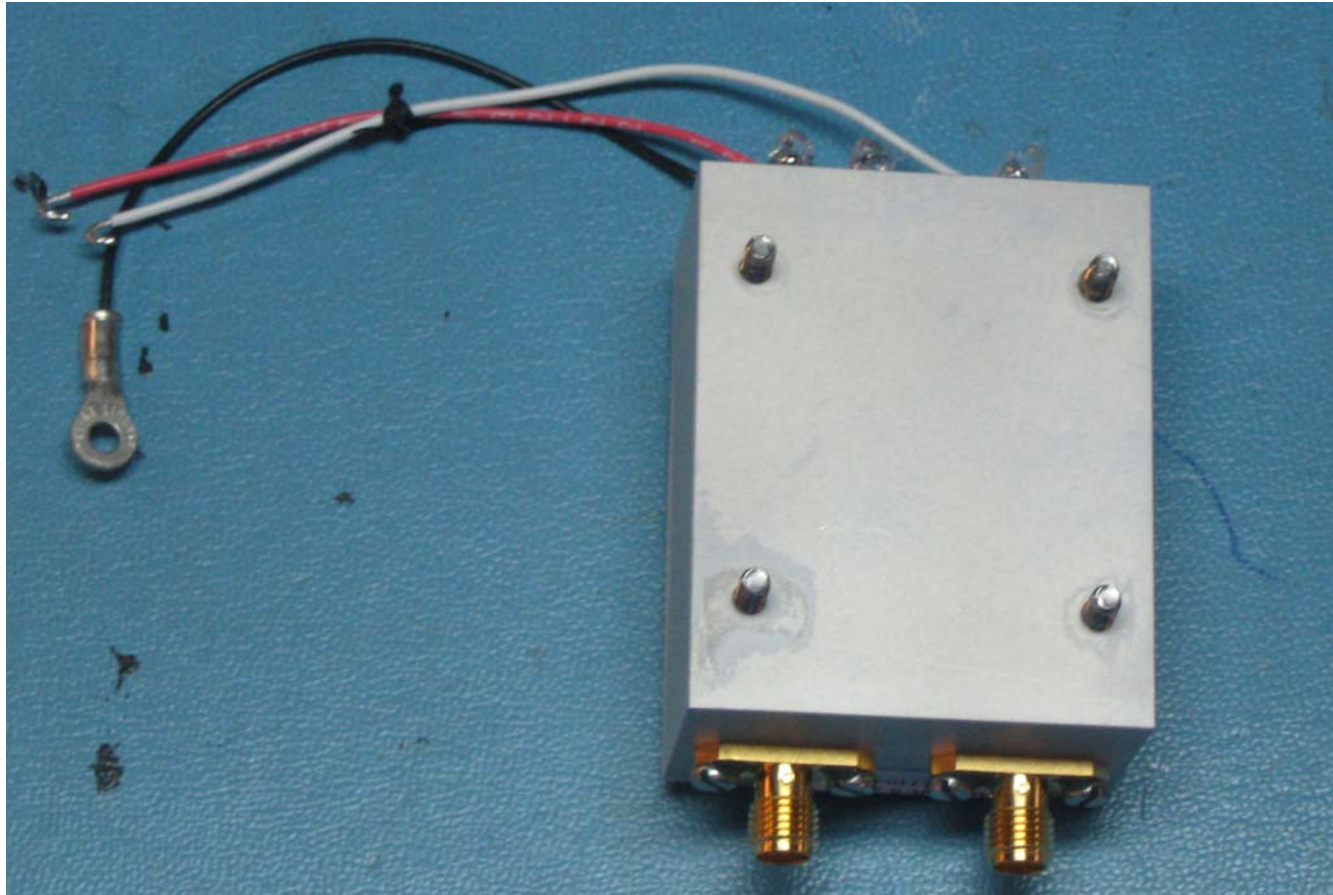


Figure 10: 1110-F-0617 OXCO Bottom

CONFIDENTIAL, UNPUBLISHED PROPERTY OF ONE OR MORE OF THE FOLLOWING - EMS TECHNOLOGIES CANADA, LTD., FORMATION INC., SKY CONNECT LLC (COLLECTIVELY "EMS AVIATION").

USE AND DISTRIBUTION LIMITED SOLELY TO AUTHORIZED PERSONNEL

The use, disclosure, reproduction, modification, transfer or transmittal of this work for any purpose, in any form, or by any means without the prior written permission of EMS Aviation is strictly prohibited. This document does not contain technical data as defined in the International Traffic and Arms Regulations (ITAR) 22 CFR 120-130.

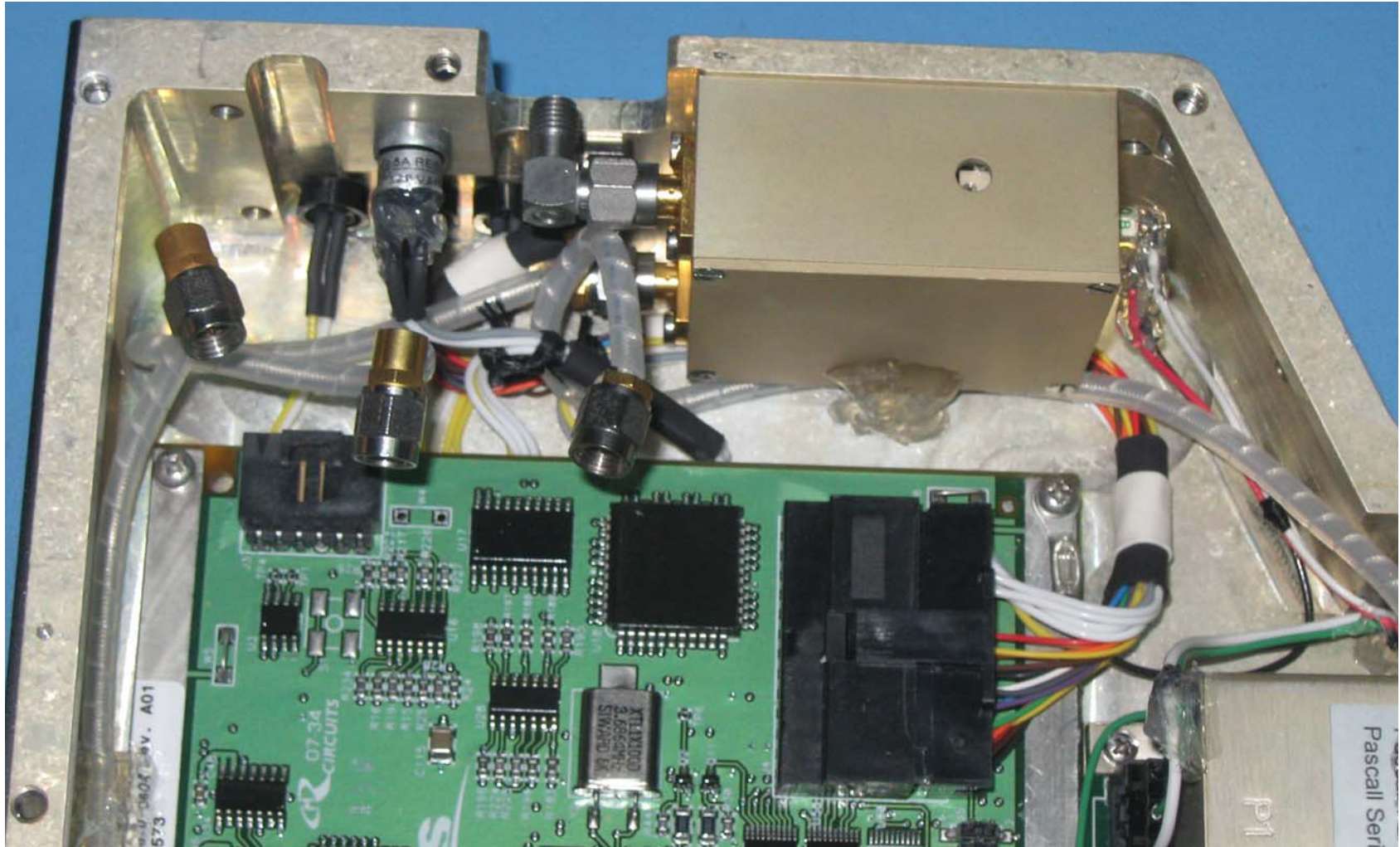


Figure 11: 1110-F-0617 OXCO Installed

CONFIDENTIAL, UNPUBLISHED PROPERTY OF ONE OR MORE OF THE FOLLOWING - EMS TECHNOLOGIES CANADA, LTD., FORMATION INC., SKY CONNECT LLC (COLLECTIVELY “EMS AVIATION”).

USE AND DISTRIBUTION LIMITED SOLELY TO AUTHORIZED PERSONNEL

The use, disclosure, reproduction, modification, transfer or transmittal of this work for any purpose, in any form, or by any means without the prior written permission of EMS Aviation is strictly prohibited. This document does not contain technical data as defined in the International Traffic and Arms Regulations (ITAR) 22 CFR 120-130.



Figure 12: 1110-F-0304 HST Power Supply Top

CONFIDENTIAL, UNPUBLISHED PROPERTY OF ONE OR MORE OF THE FOLLOWING - EMS TECHNOLOGIES CANADA, LTD., FORMATION INC., SKY CONNECT LLC (COLLECTIVELY “EMS AVIATION”).

USE AND DISTRIBUTION LIMITED SOLELY TO AUTHORIZED PERSONNEL

The use, disclosure, reproduction, modification, transfer or transmittal of this work for any purpose, in any form, or by any means without the prior written permission of EMS Aviation is strictly prohibited. This document does not contain technical data as defined in the International Traffic and Arms Regulations (ITAR) 22 CFR 120-130.



Figure 13: 1110-F-0304 HST Power Supply Bottom

CONFIDENTIAL, UNPUBLISHED PROPERTY OF ONE OR MORE OF THE FOLLOWING - EMS TECHNOLOGIES CANADA, LTD., FORMATION INC., SKY CONNECT LLC (COLLECTIVELY “EMS AVIATION”).

USE AND DISTRIBUTION LIMITED SOLELY TO AUTHORIZED PERSONNEL

The use, disclosure, reproduction, modification, transfer or transmittal of this work for any purpose, in any form, or by any means without the prior written permission of EMS Aviation is strictly prohibited. This document does not contain technical data as defined in the International Traffic and Arms Regulations (ITAR) 22 CFR 120-130.

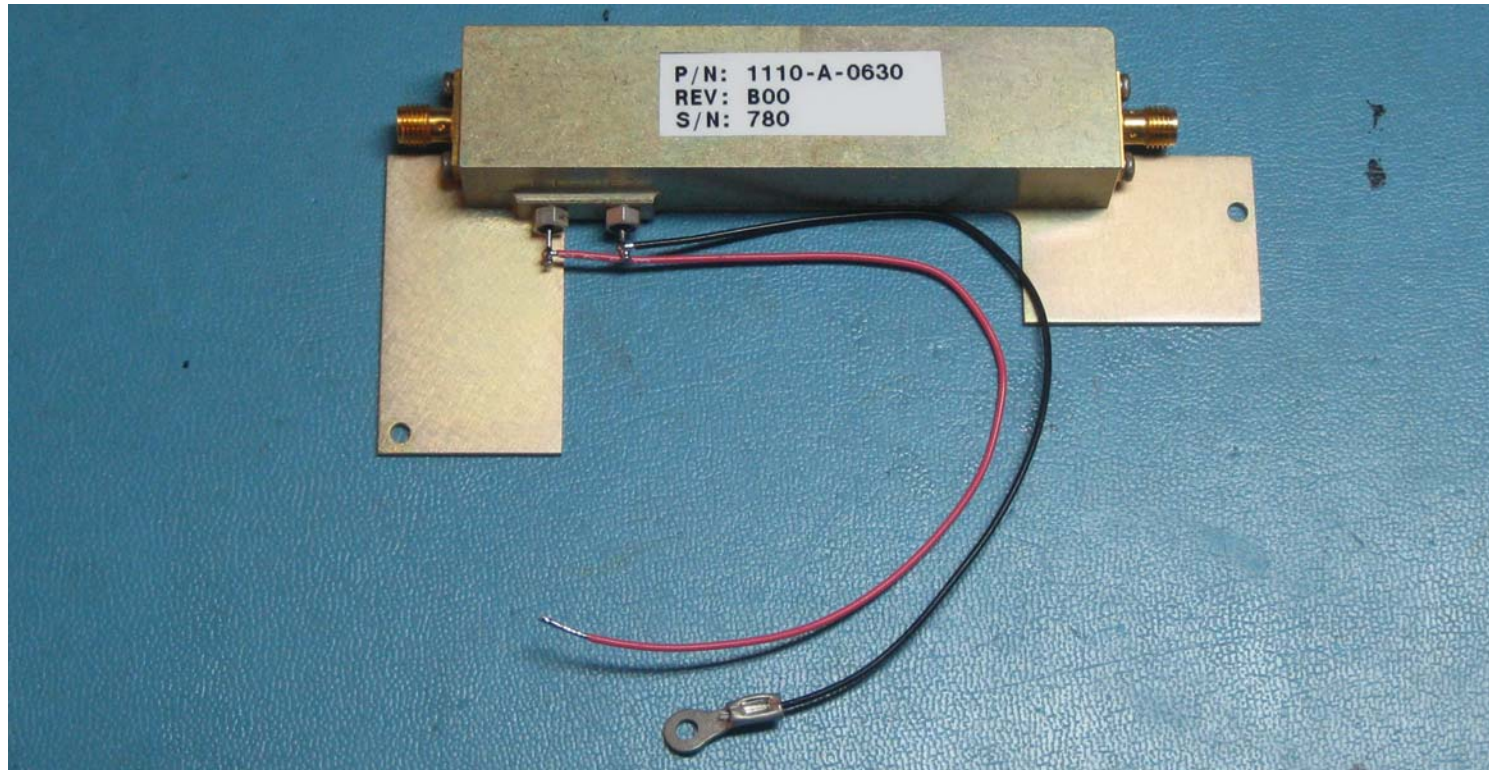


Figure 14: 1110-A-0630 Output Amplifier Top

CONFIDENTIAL, UNPUBLISHED PROPERTY OF ONE OR MORE OF THE FOLLOWING - EMS TECHNOLOGIES CANADA, LTD., FORMATION INC., SKY CONNECT LLC (COLLECTIVELY "EMS AVIATION").

USE AND DISTRIBUTION LIMITED SOLELY TO AUTHORIZED PERSONNEL

The use, disclosure, reproduction, modification, transfer or transmittal of this work for any purpose, in any form, or by any means without the prior written permission of EMS Aviation is strictly prohibited. This document does not contain technical data as defined in the International Traffic and Arms Regulations (ITAR) 22 CFR 120-130.

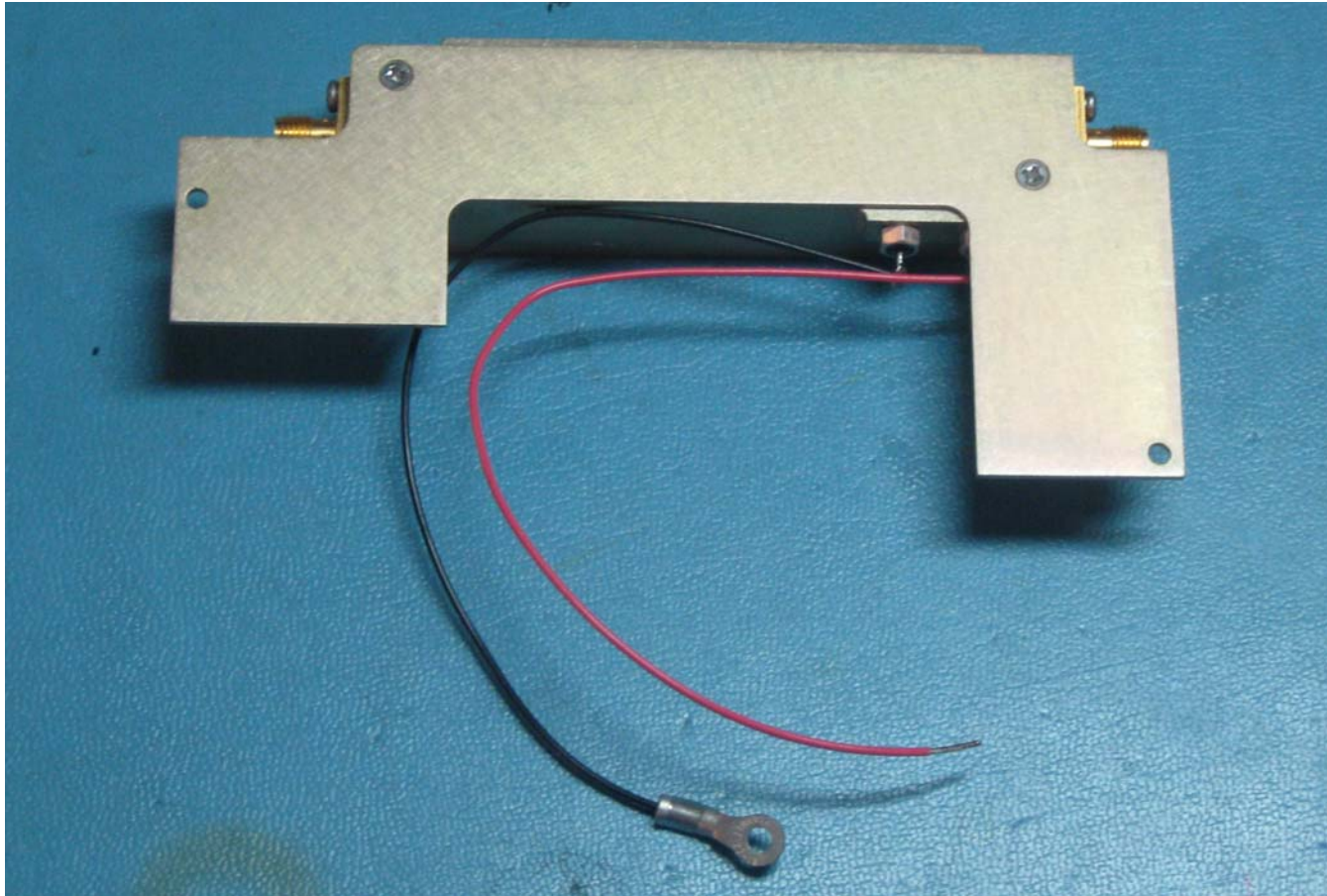


Figure 15: 1110-A-0630 Output Amplifier Bottom

CONFIDENTIAL, UNPUBLISHED PROPERTY OF ONE OR MORE OF THE FOLLOWING - EMS TECHNOLOGIES CANADA, LTD., FORMATION INC., SKY CONNECT LLC (COLLECTIVELY "EMS AVIATION").

USE AND DISTRIBUTION LIMITED SOLELY TO AUTHORIZED PERSONNEL

The use, disclosure, reproduction, modification, transfer or transmittal of this work for any purpose, in any form, or by any means without the prior written permission of EMS Aviation is strictly prohibited. This document does not contain technical data as defined in the International Traffic and Arms Regulations (ITAR) 22 CFR 120-130.

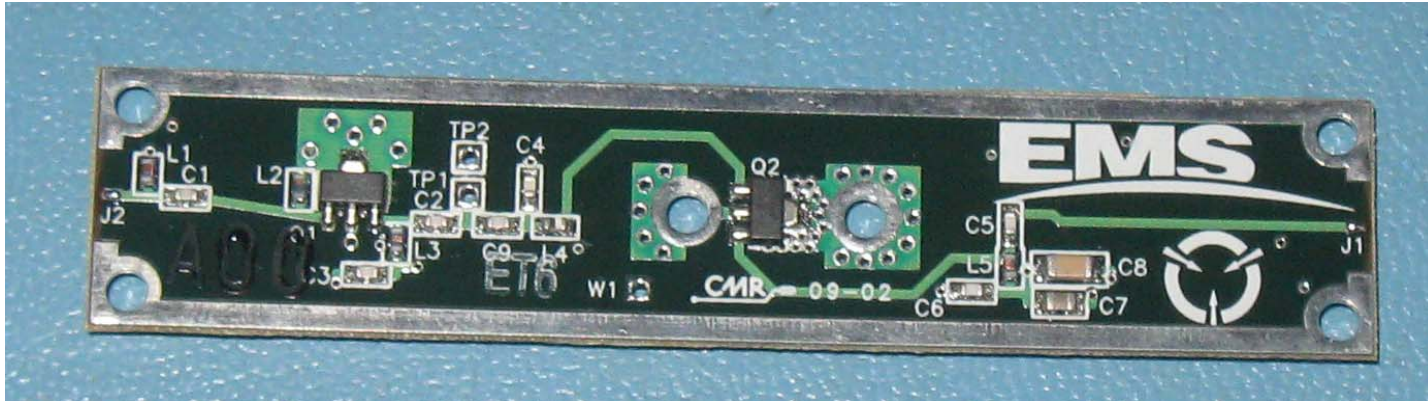


Figure 16: 1110-A-0210 Output Amplifier CCA Top (Part of the Output Amplifier)

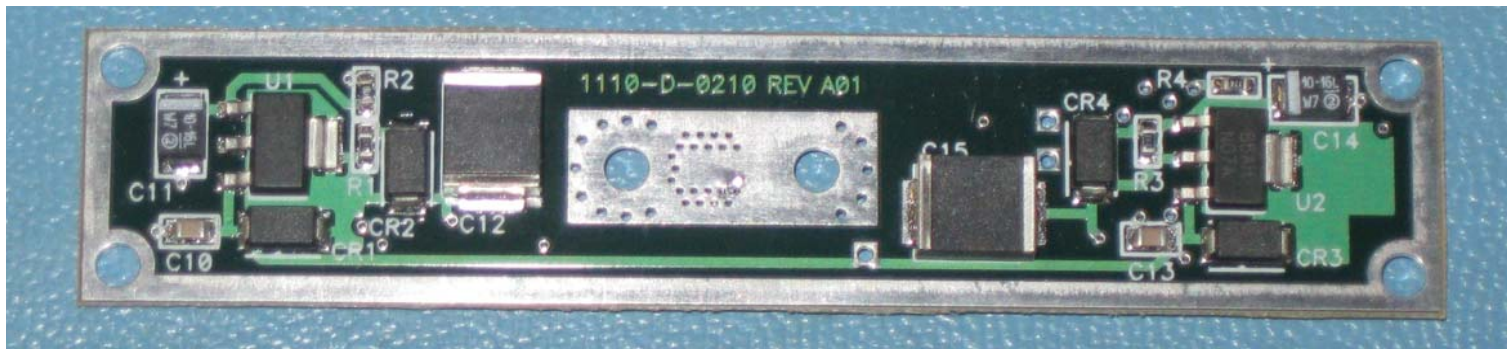


Figure 17: 1110-A-0210 Output Amplifier CCA Bottom (Part of the Output Amplifier)

CONFIDENTIAL, UNPUBLISHED PROPERTY OF ONE OR MORE OF THE FOLLOWING - EMS TECHNOLOGIES CANADA, LTD., FORMATION INC., SKY CONNECT LLC (COLLECTIVELY “EMS AVIATION”).

USE AND DISTRIBUTION LIMITED SOLELY TO AUTHORIZED PERSONNEL

The use, disclosure, reproduction, modification, transfer or transmittal of this work for any purpose, in any form, or by any means without the prior written permission of EMS Aviation is strictly prohibited. This document does not contain technical data as defined in the International Traffic and Arms Regulations (ITAR) 22 CFR 120-130.

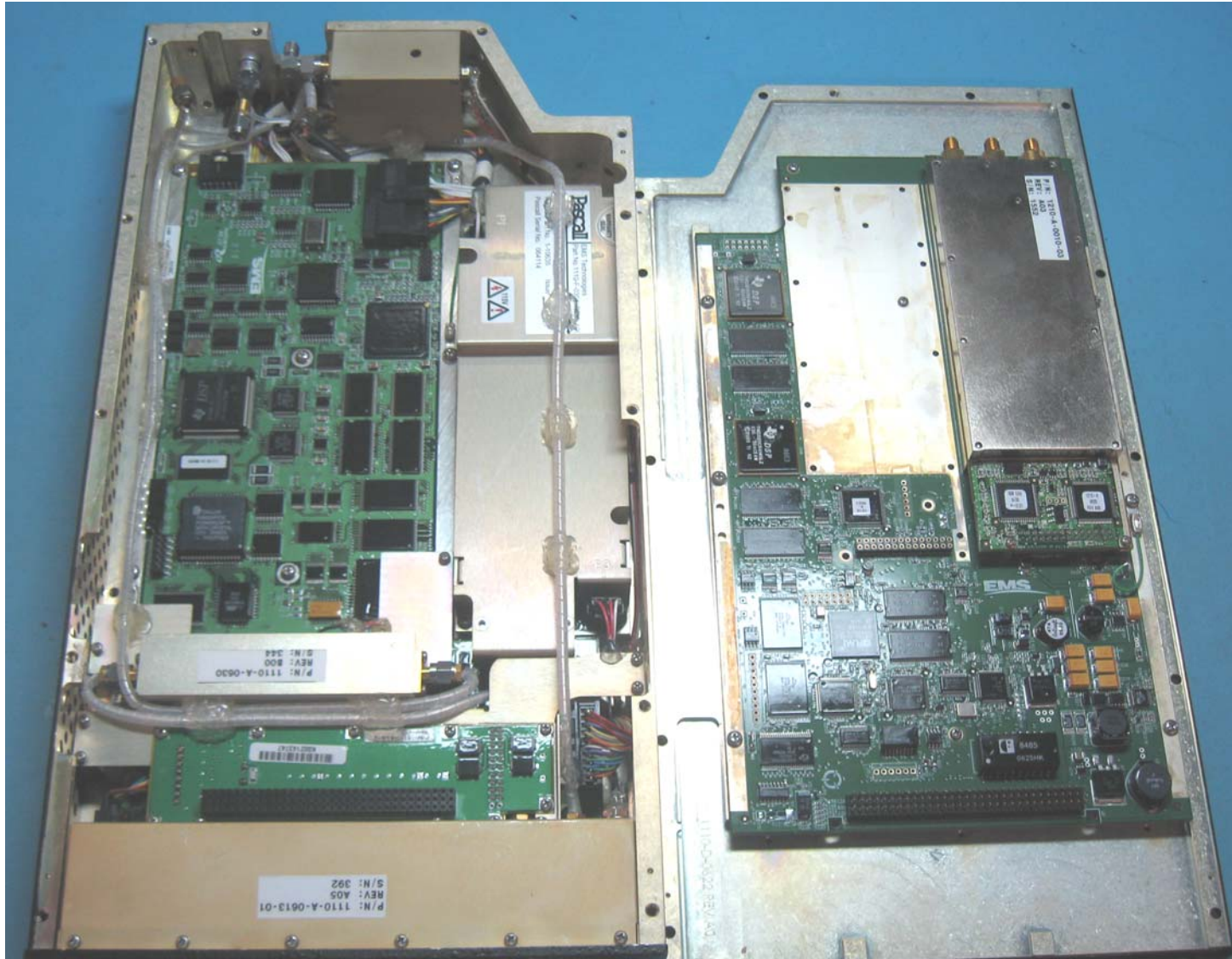


Figure 18: Components in Chassis

CONFIDENTIAL, UNPUBLISHED PROPERTY OF ONE OR MORE OF THE FOLLOWING - EMS TECHNOLOGIES CANADA, LTD., FORMATION INC., SKY CONNECT LLC (COLLECTIVELY “EMS AVIATION”).

USE AND DISTRIBUTION LIMITED SOLELY TO AUTHORIZED PERSONNEL

The use, disclosure, reproduction, modification, transfer or transmittal of this work for any purpose, in any form, or by any means without the prior written permission of EMS Aviation is strictly prohibited. This document does not contain technical data as defined in the International Traffic and Arms Regulations (ITAR) 22 CFR 120-130.