



Figure 3: Control Processor with Shield 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CONFIDENTIAL, UNPUBLISHED PROPERTY OF ONE OR MORE OF THE FOLLOWING - EMS TECHNOLOGIES CANADA, LTD., FORMATION INC., SKY CONNECT LLC (COLLECTIVELY “EMS AVIATION”).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.

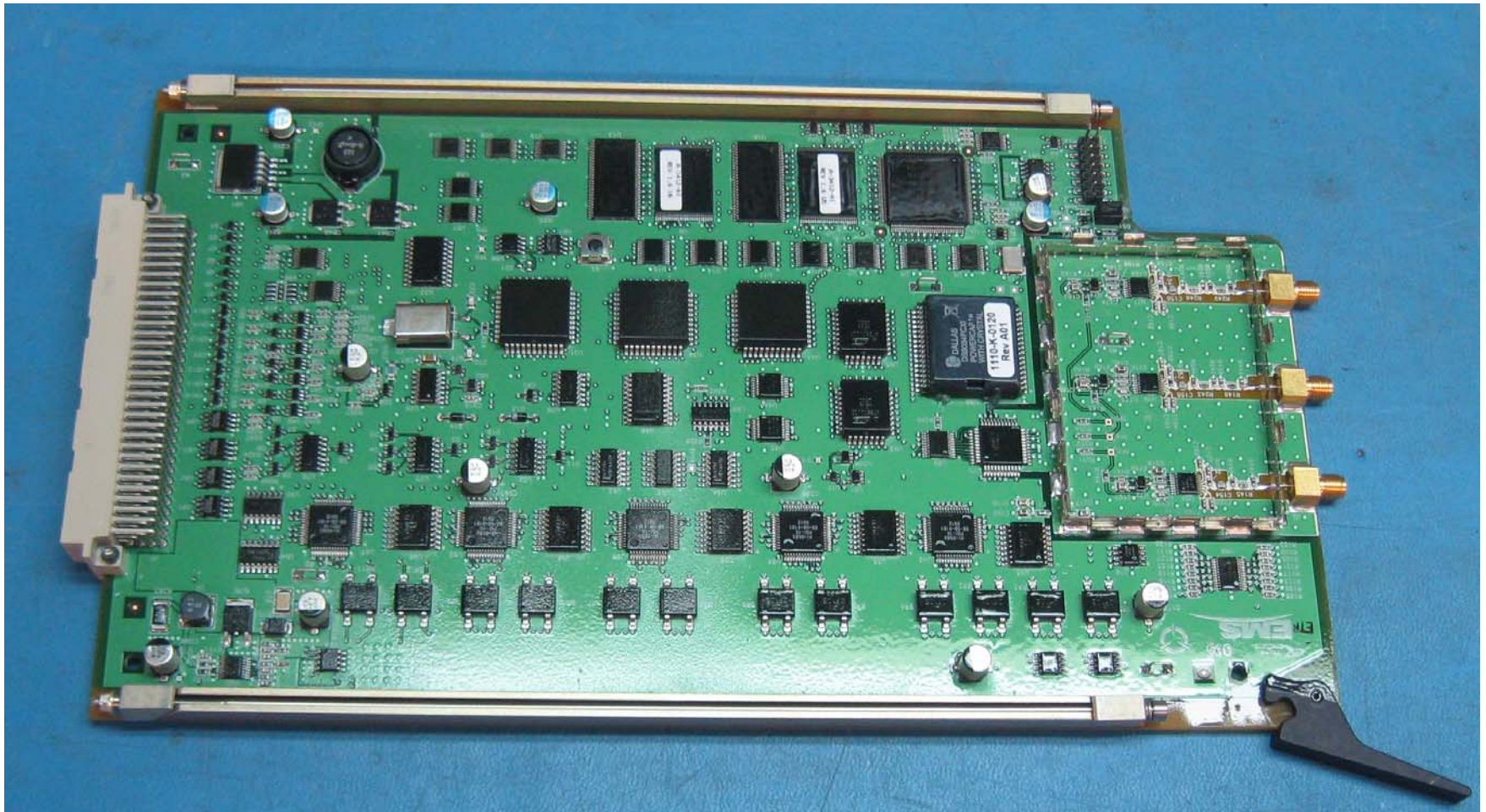


Figure 4: Control Processor without Shield Top

CONFIDENTIAL, UNPUBLISHED PROPERTY OF ONE OR MORE OF THE FOLLOWING - EMS TECHNOLOGIES CANADA, LTD., FORMATION INC., SKY CONNECT LLC (COLLECTIVELY “EMS AVIATION”).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

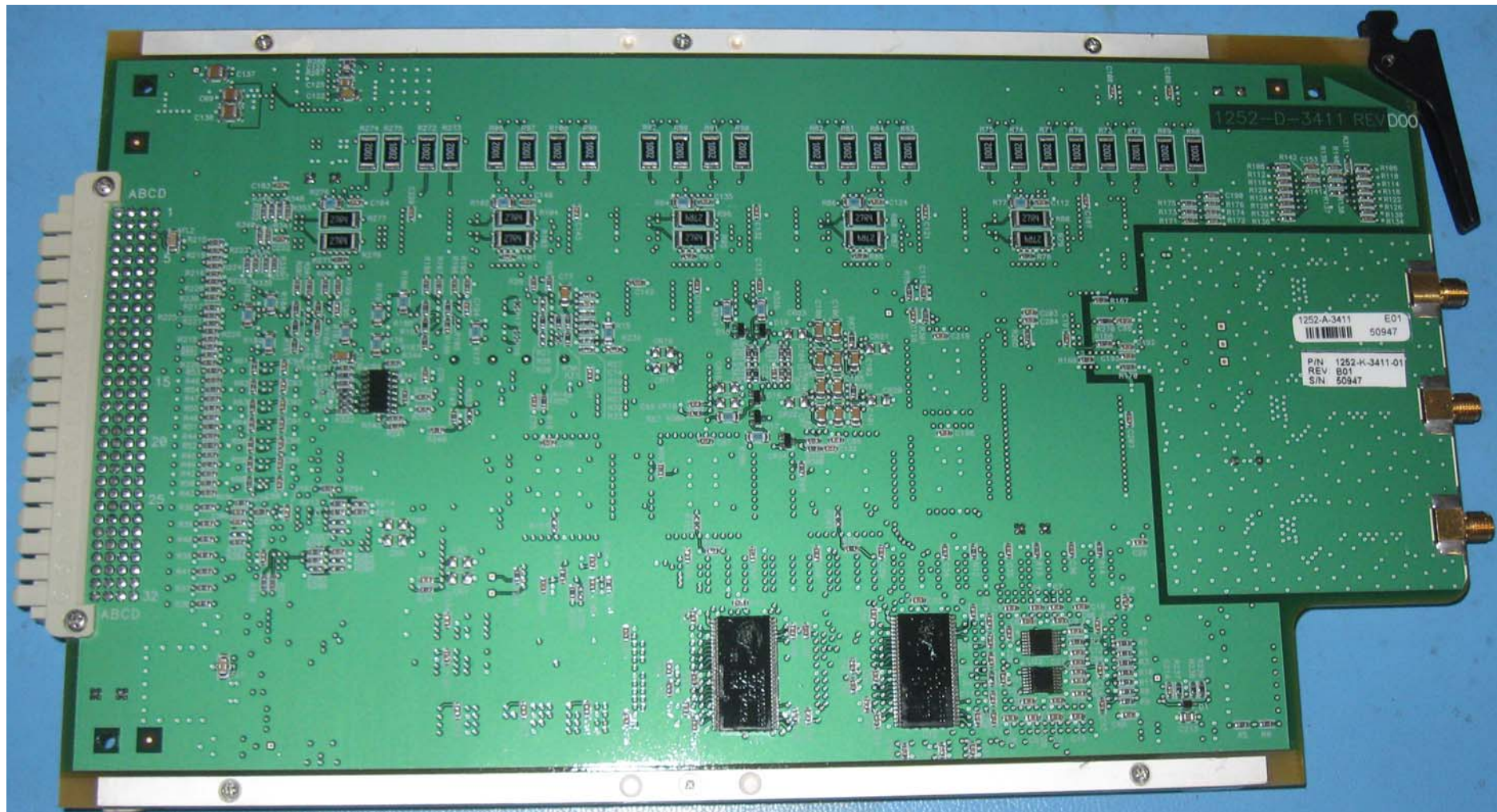


Figure 5: Control Processor Bottom

CONFIDENTIAL, UNPUBLISHED PROPERTY OF ONE OR MORE OF THE FOLLOWING - EMS TECHNOLOGIES CANADA, LTD., FORMATION INC., SKY CONNECT LLC (COLLECTIVELY “EMS AVIATION”).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

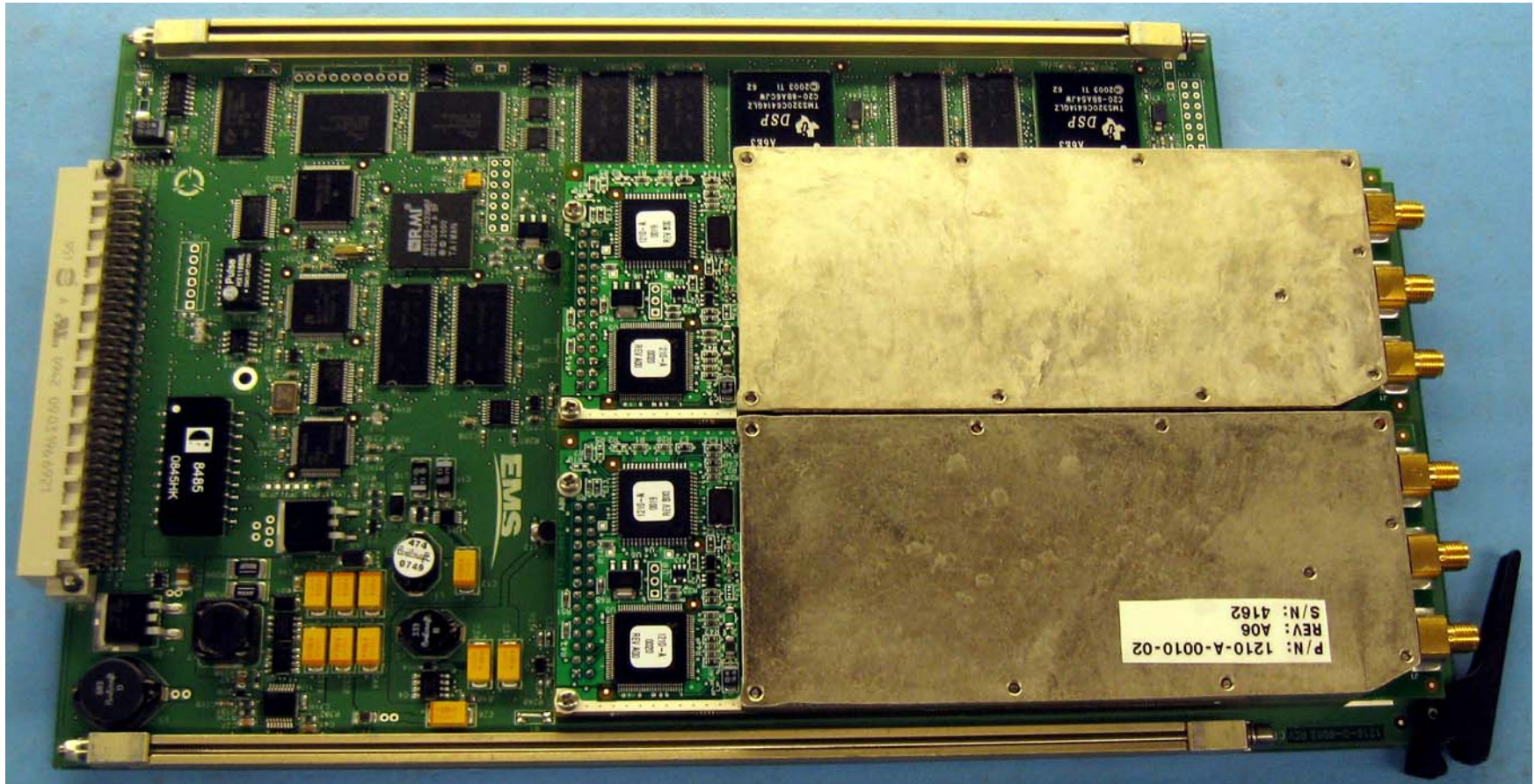


Figure 6: BGAN Channel Card Top

CONFIDENTIAL, UNPUBLISHED PROPERTY OF ONE OR MORE OF THE FOLLOWING - EMS TECHNOLOGIES CANADA, LTD., FORMATION INC., SKY CONNECT LLC (COLLECTIVELY "EMS AVIATION").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

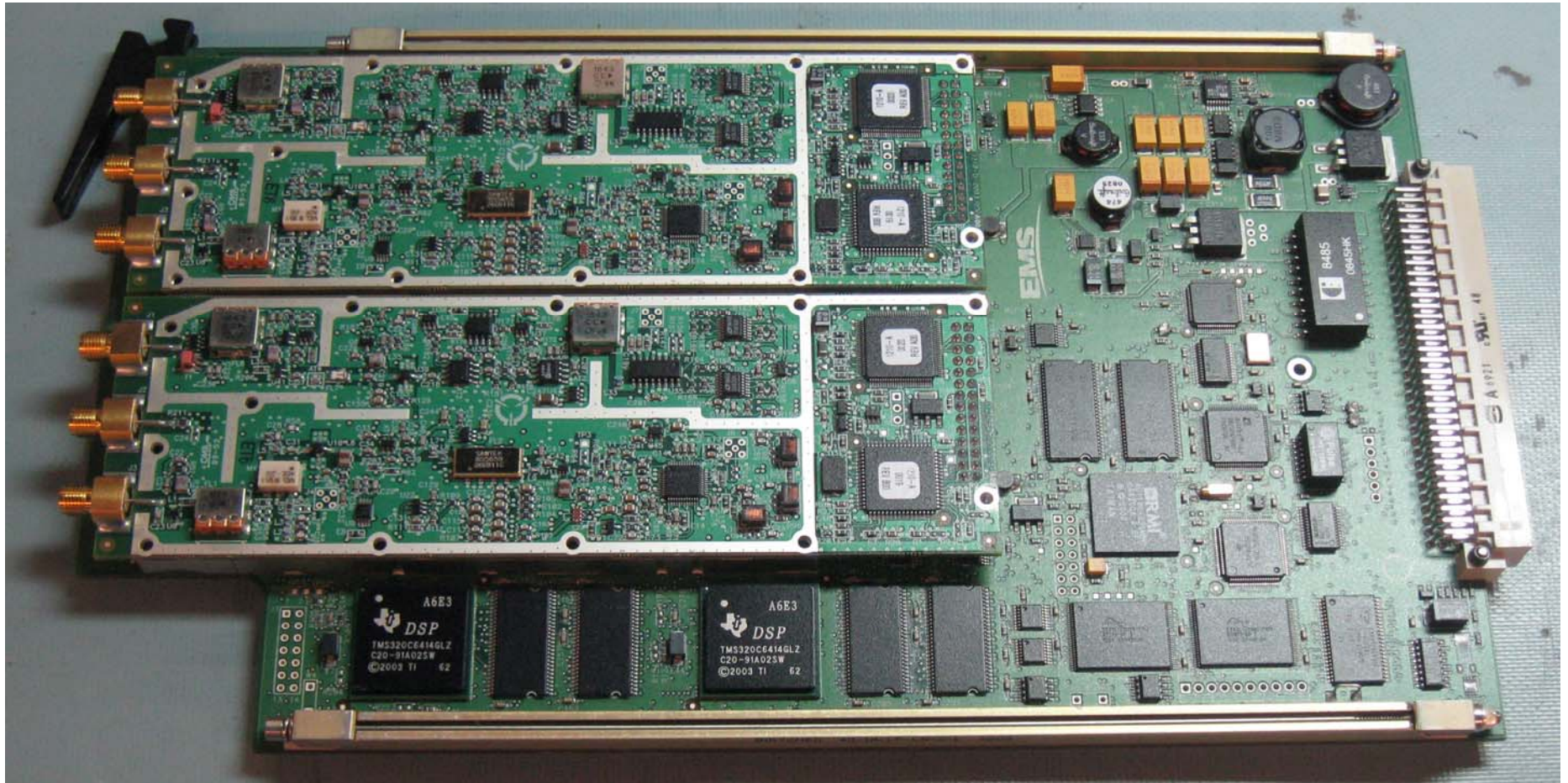


Figure 7: BGAN Channel Card Inside

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.

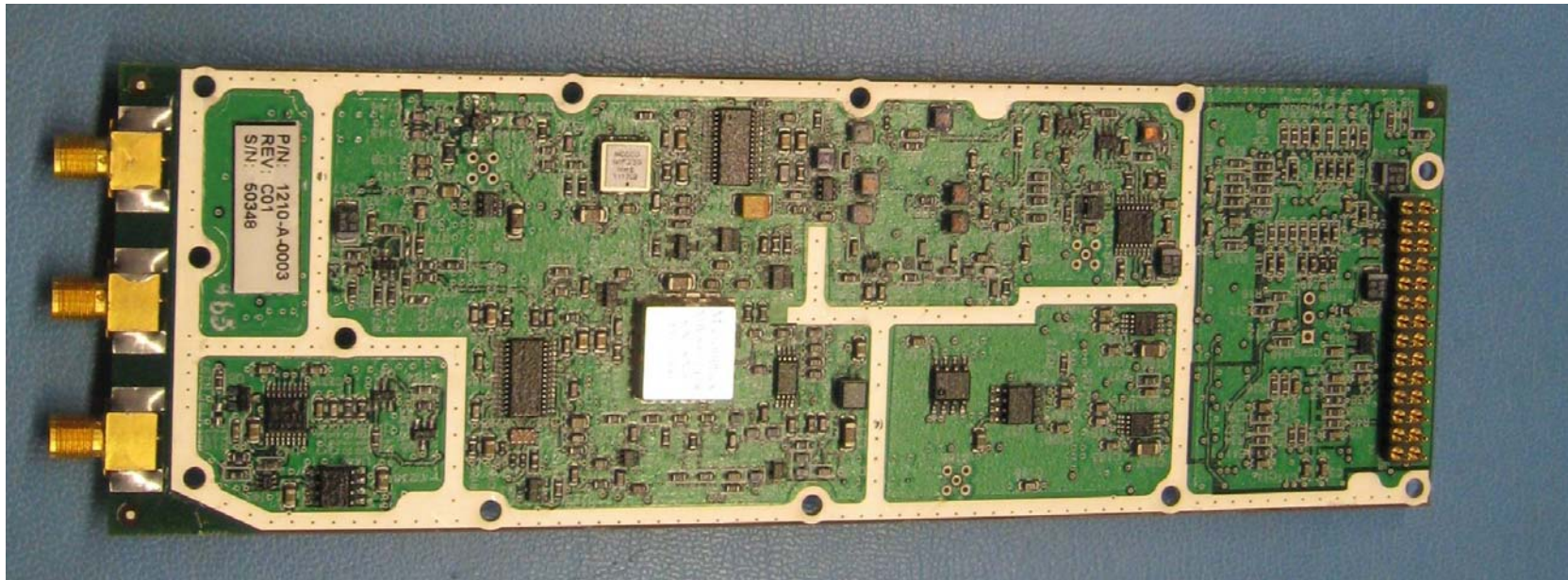


Figure 8: BGAN Channel Cards RF Modules Bottom

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.

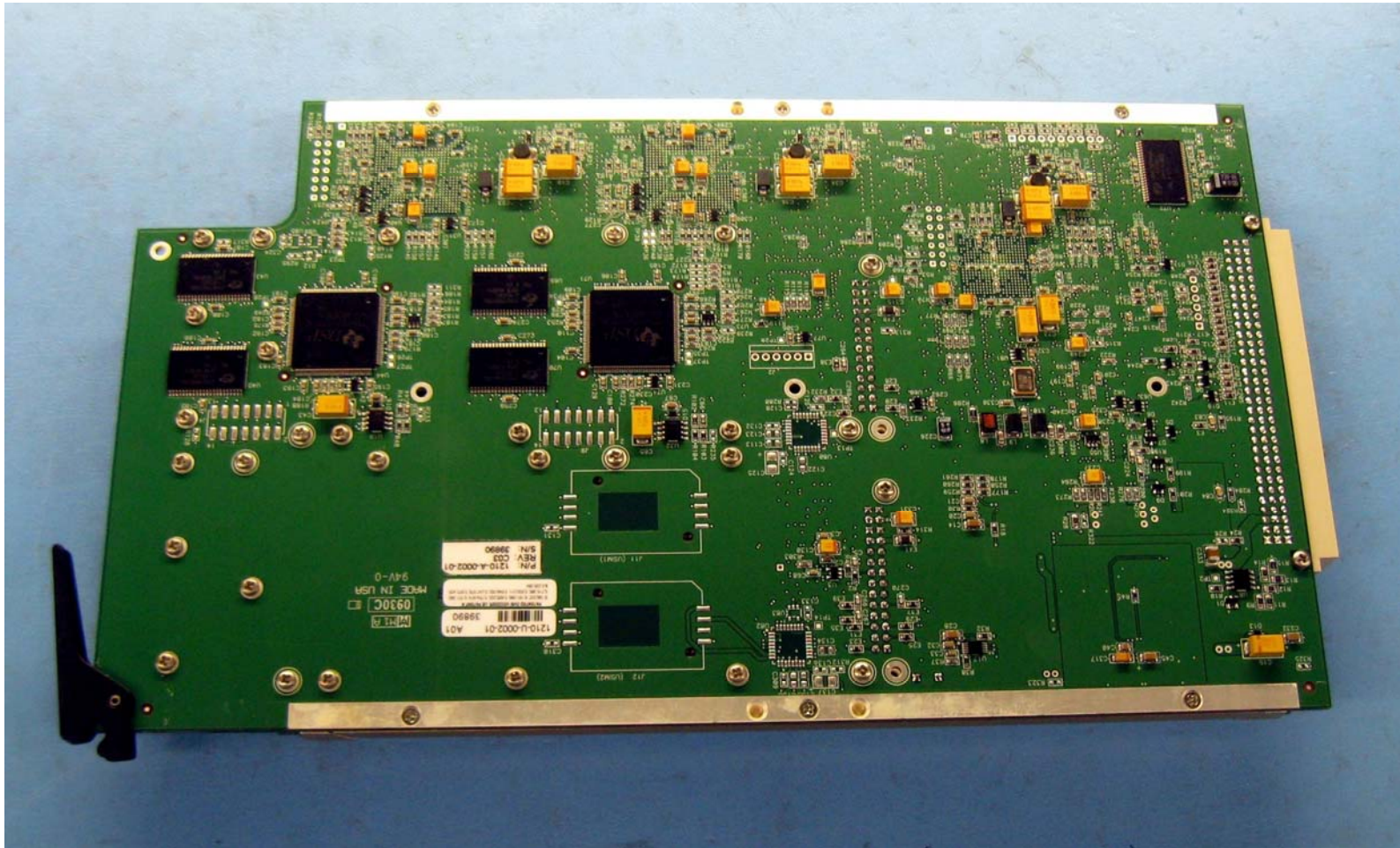


Figure 9: BGAN Channel Card Bottom

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.

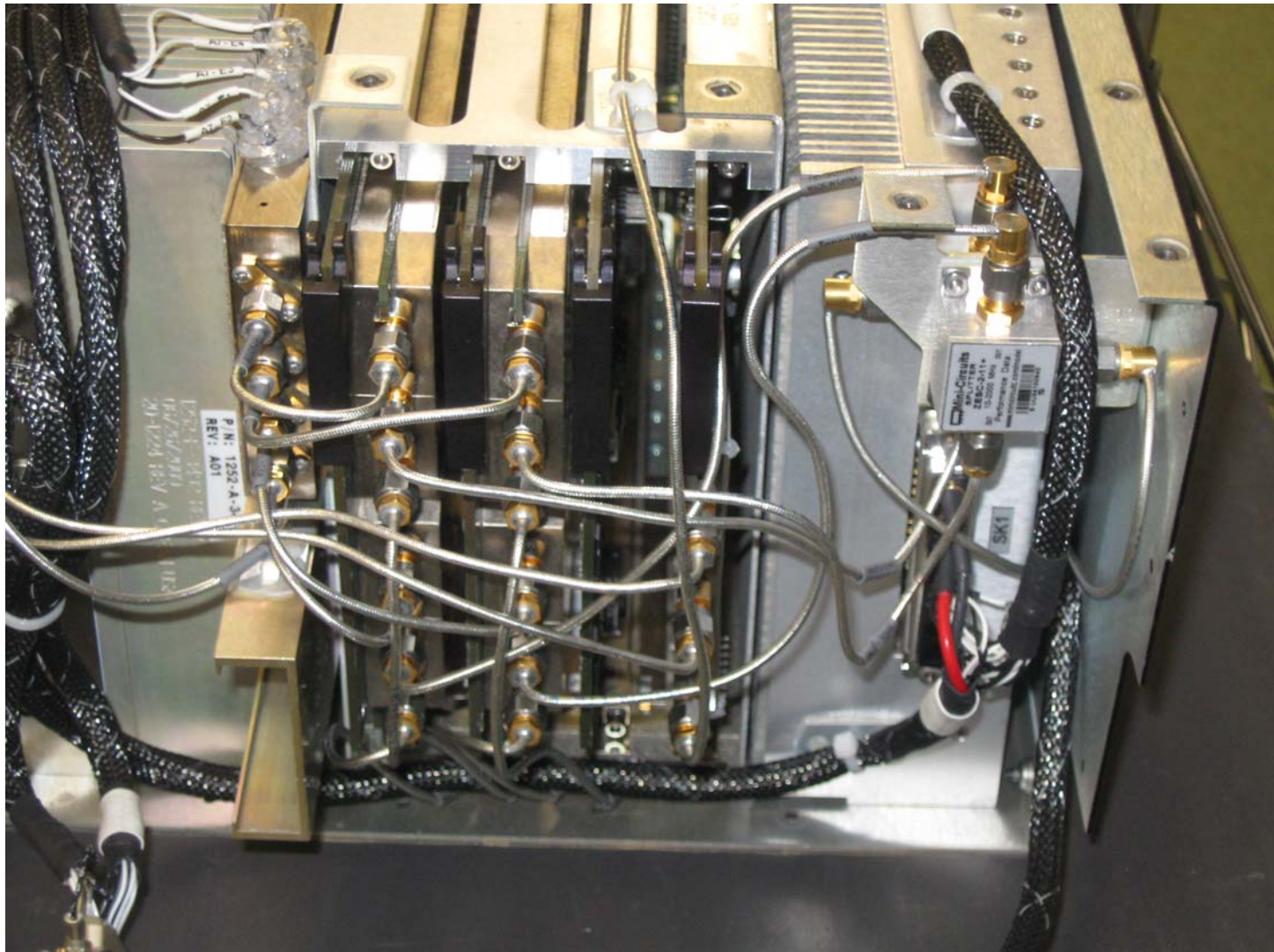


Figure 14: Card Interconnections

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.

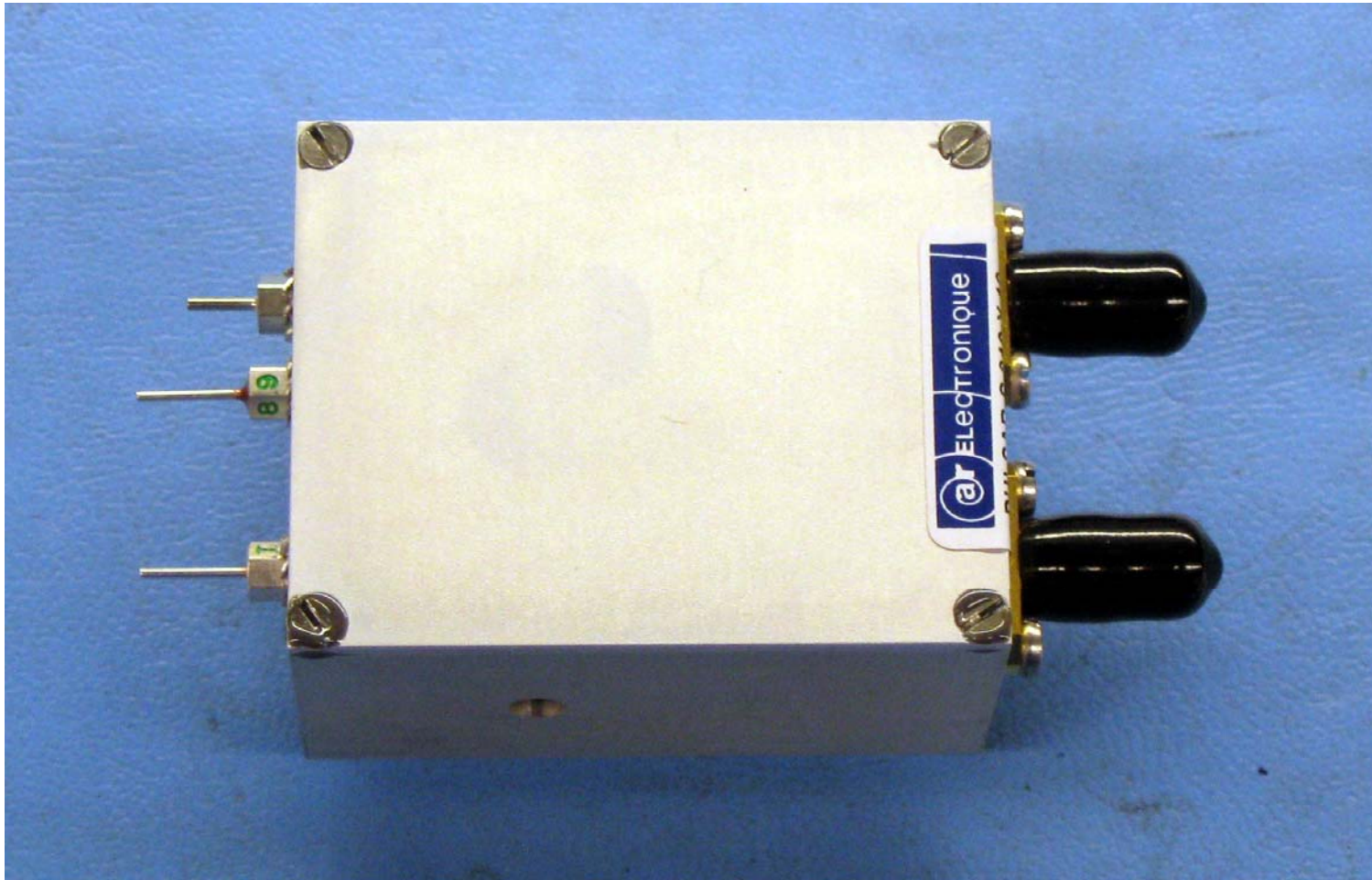


Figure 15: OXCO Top

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.

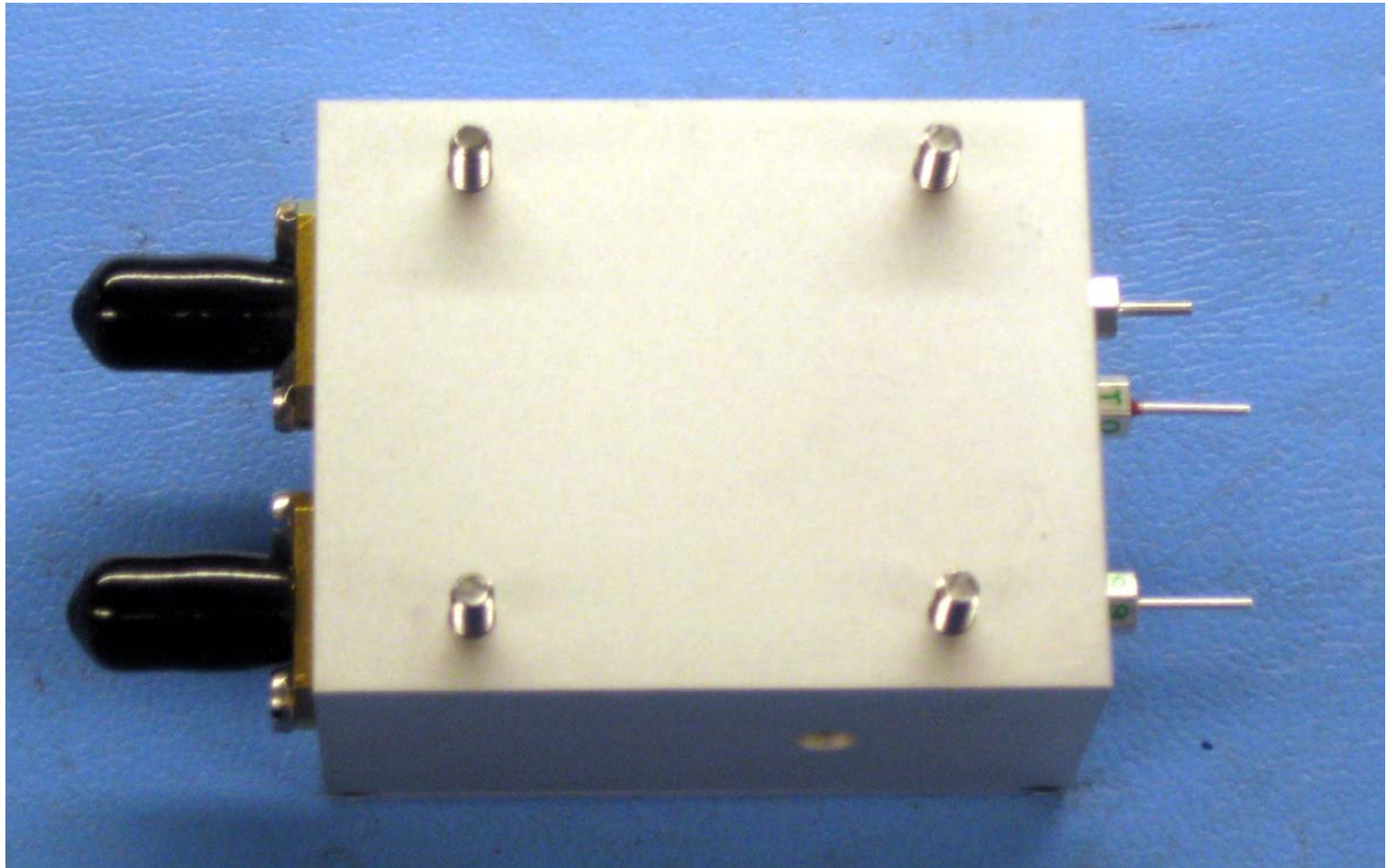


Figure 16: OXCO Bottom

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.

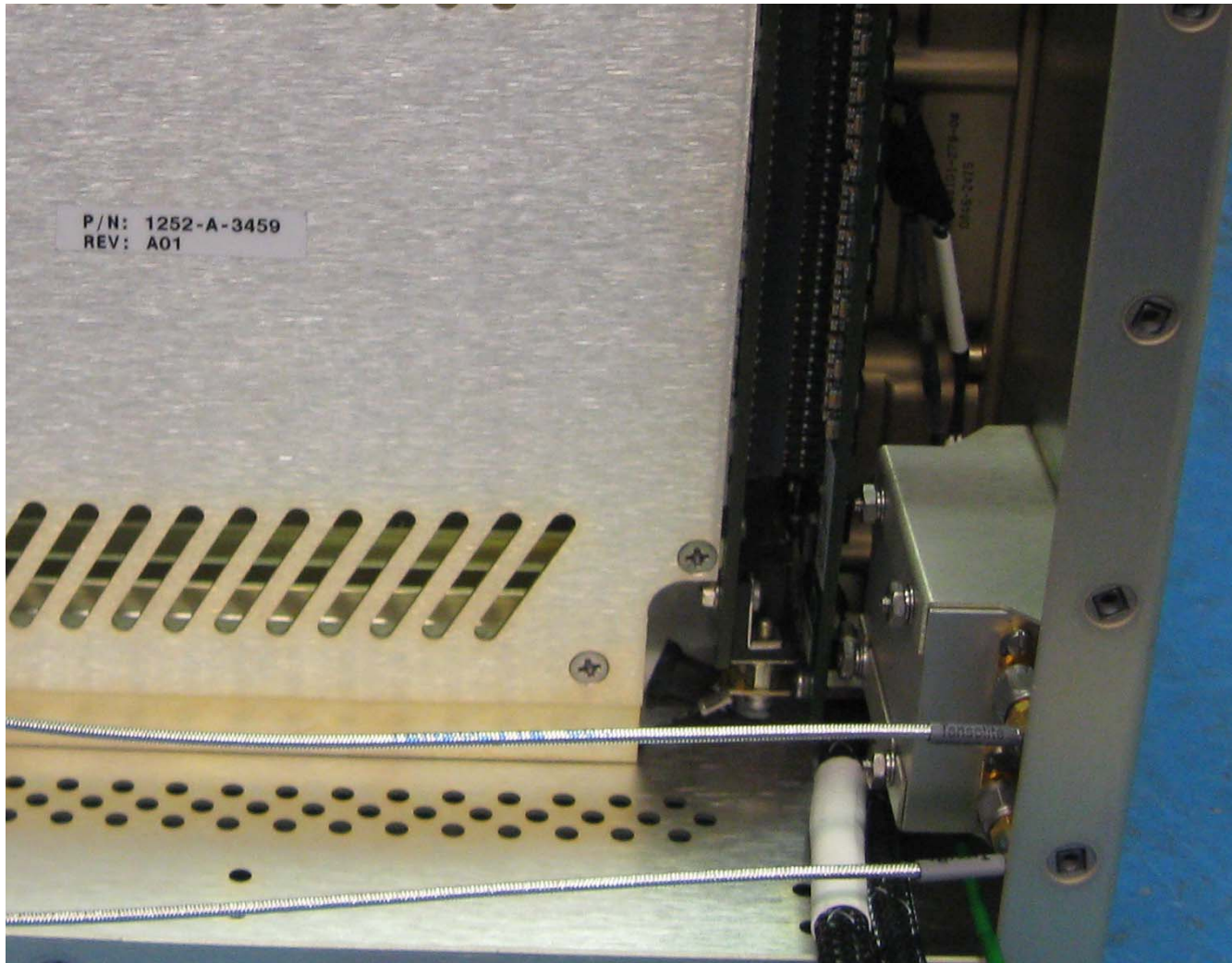


Figure 17: OXCO Installed

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.

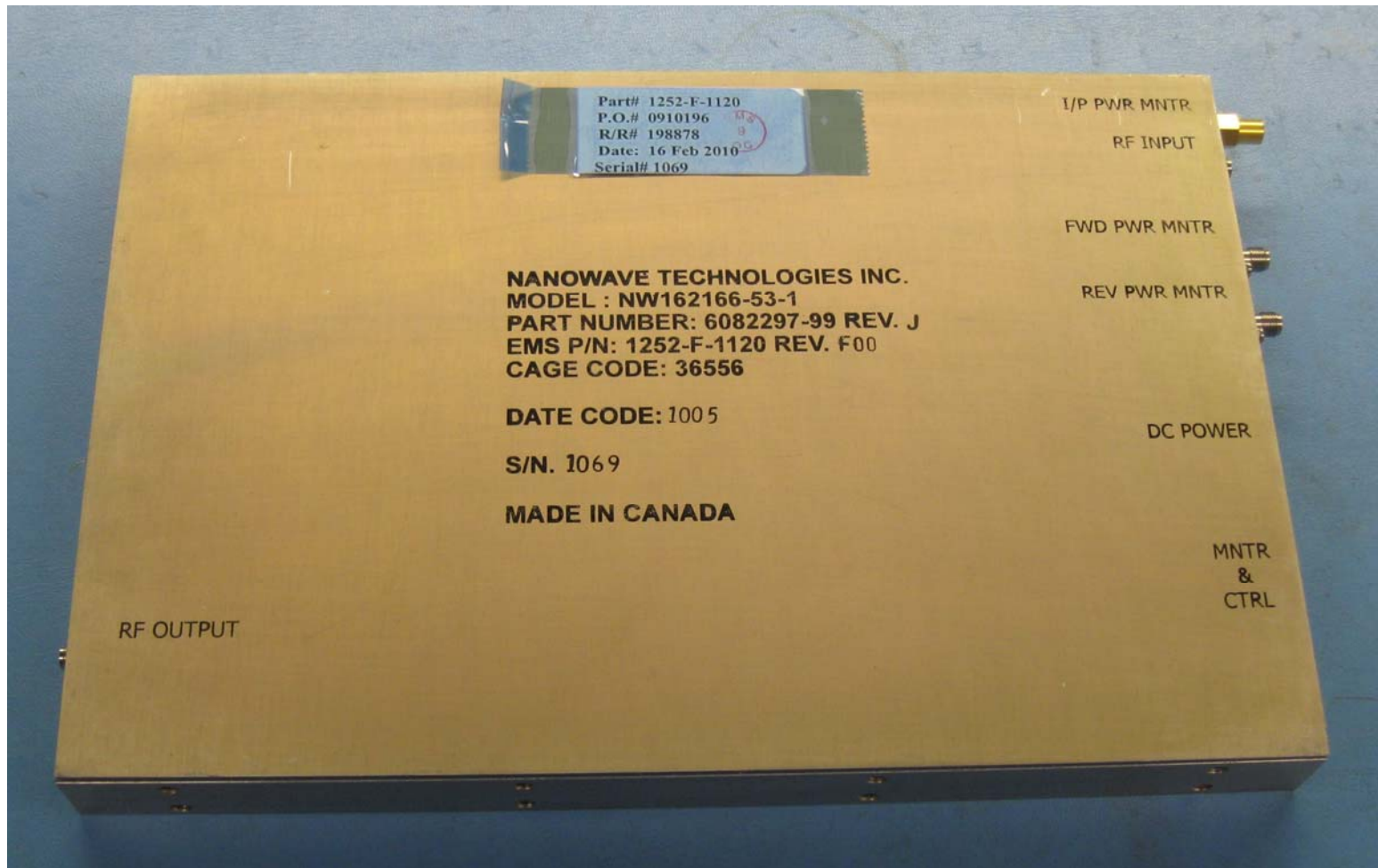


Figure 20: Power Amplifier Top

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.

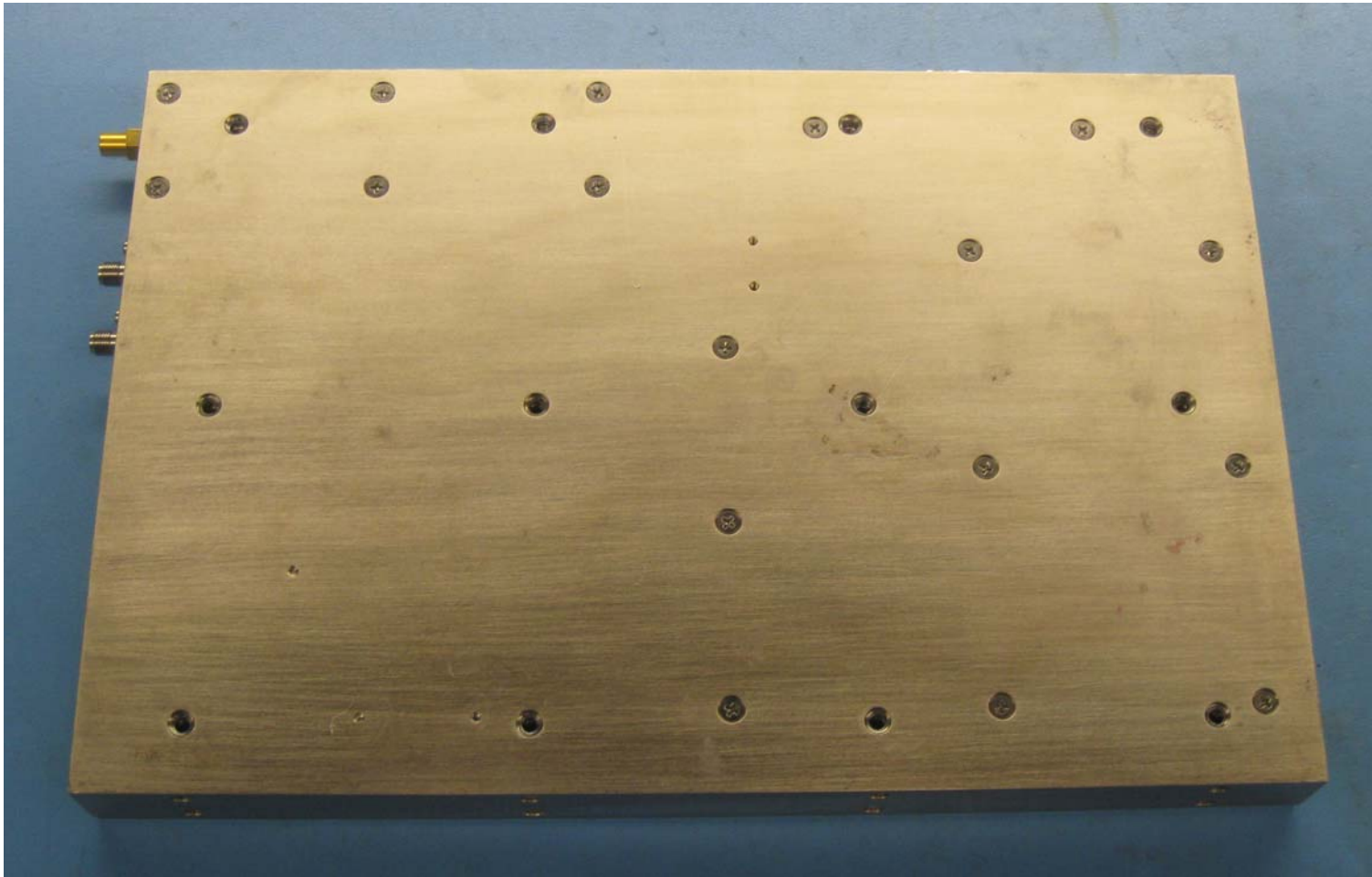


Figure 21: Power Amplifier Bottom

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 22: Power 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.

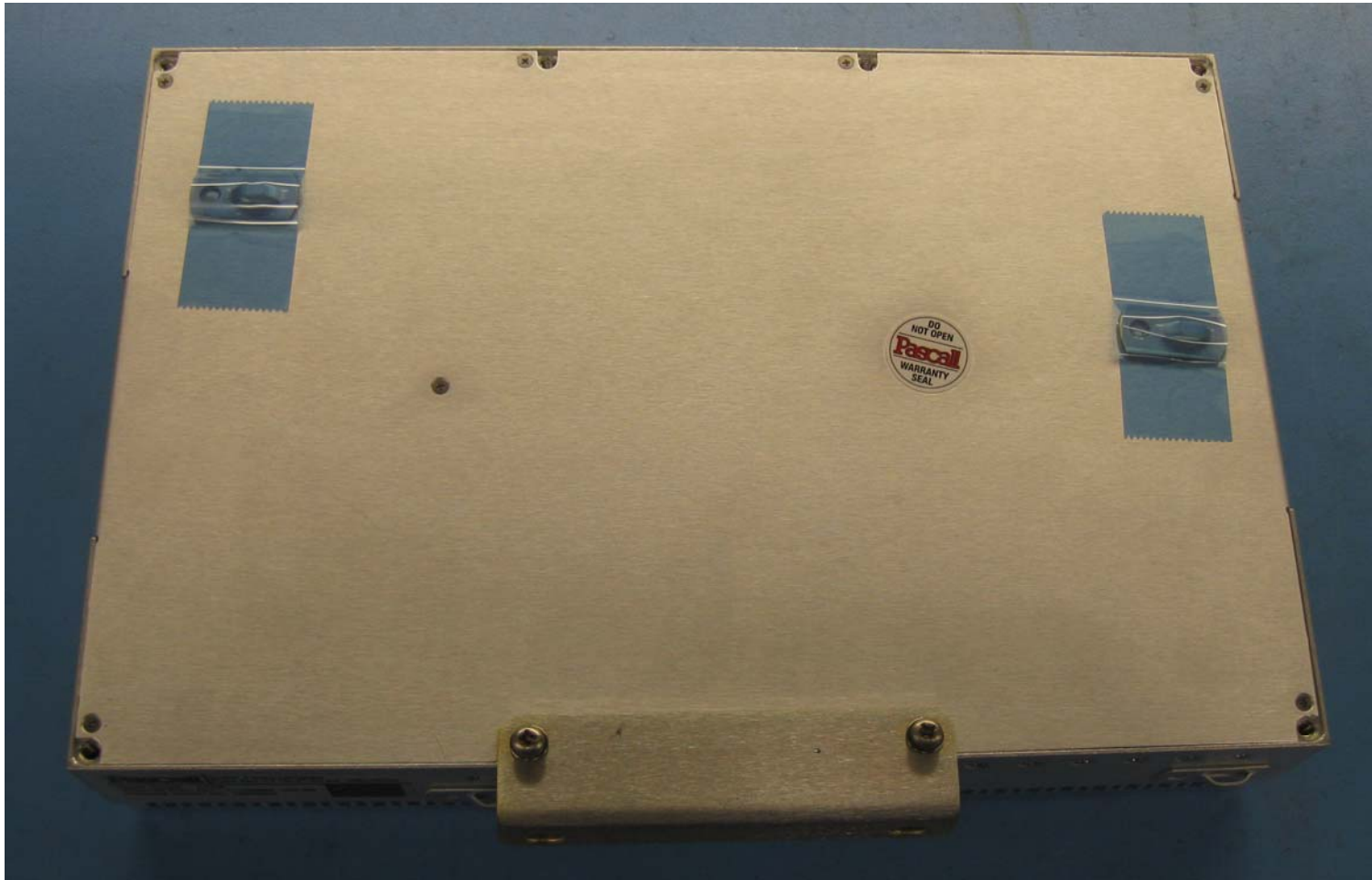


Figure 23: Power Amplifier Bottom

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.

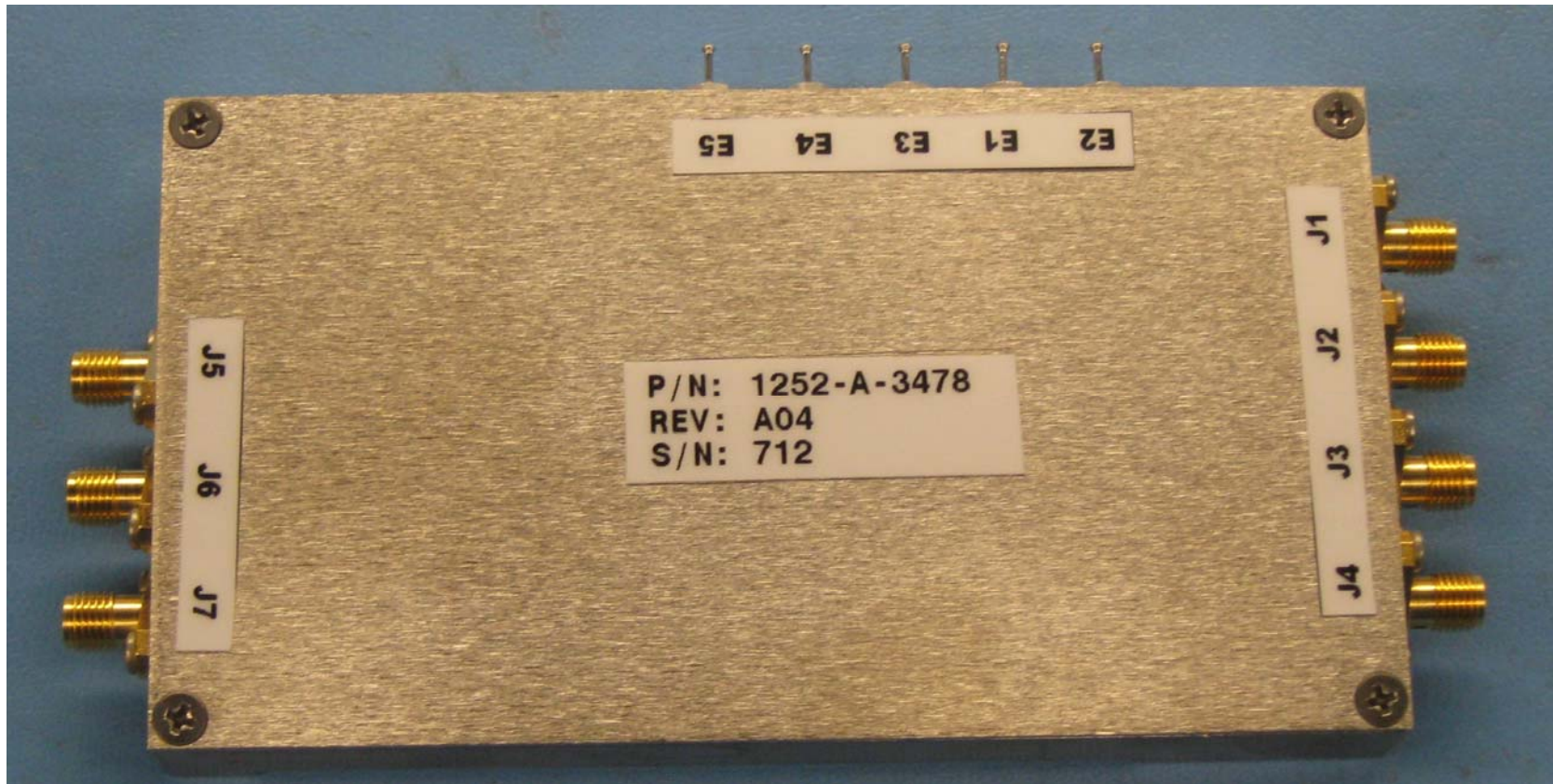


Figure 26: RF Combiner Top

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.

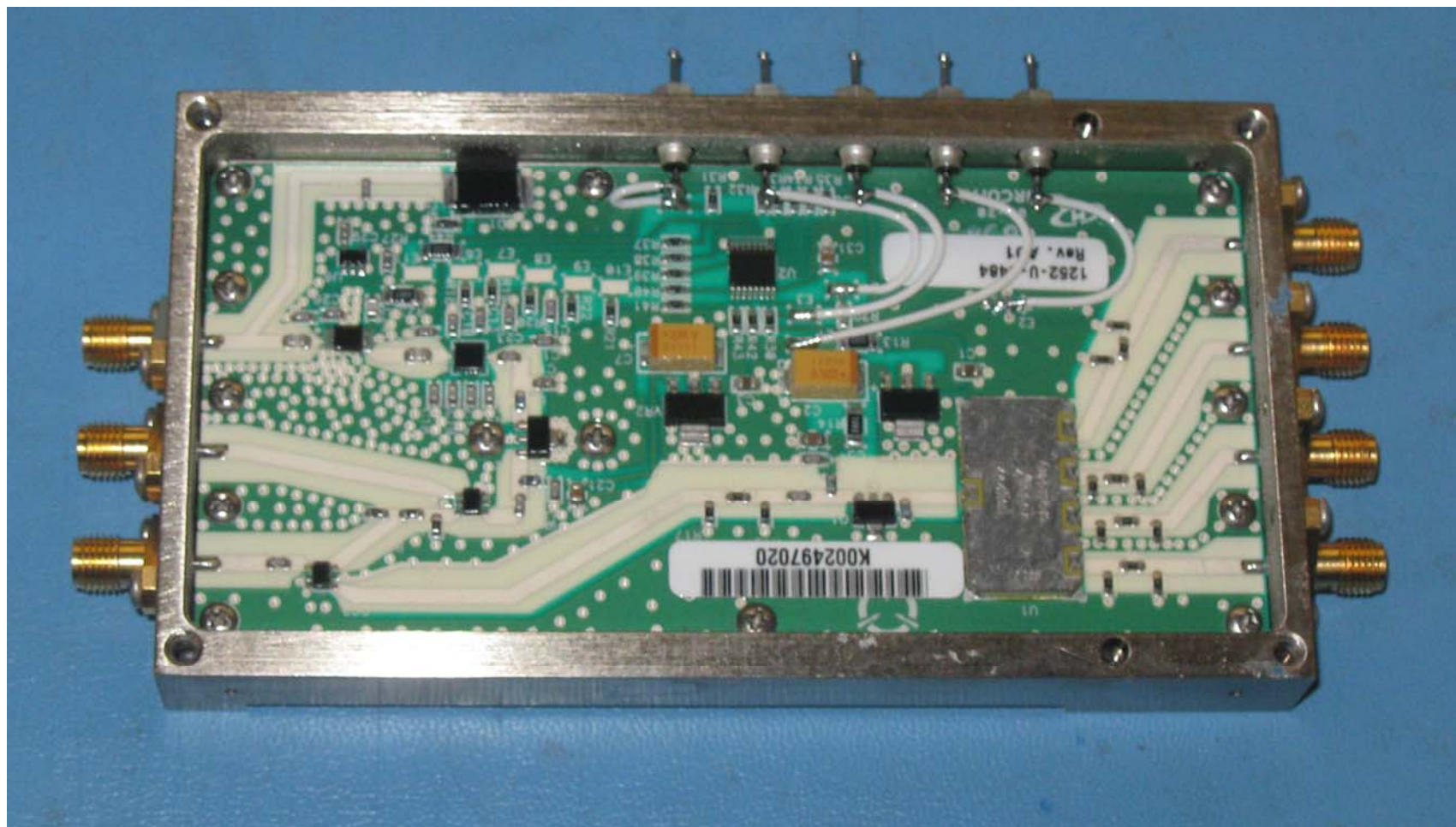


Figure 27: RF Combiner Inside

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.

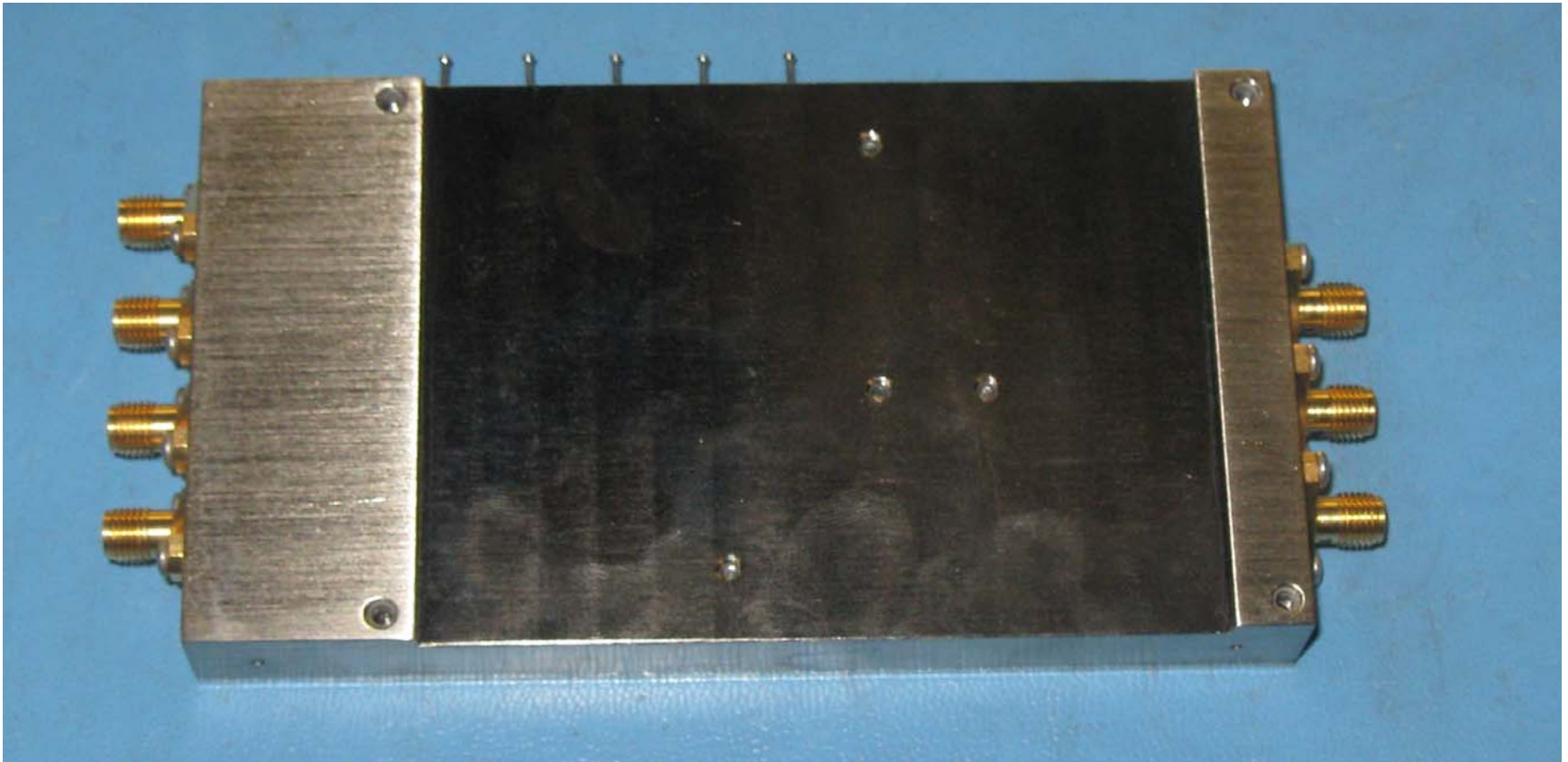


Figure 28: RF Combiner Bottom

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.

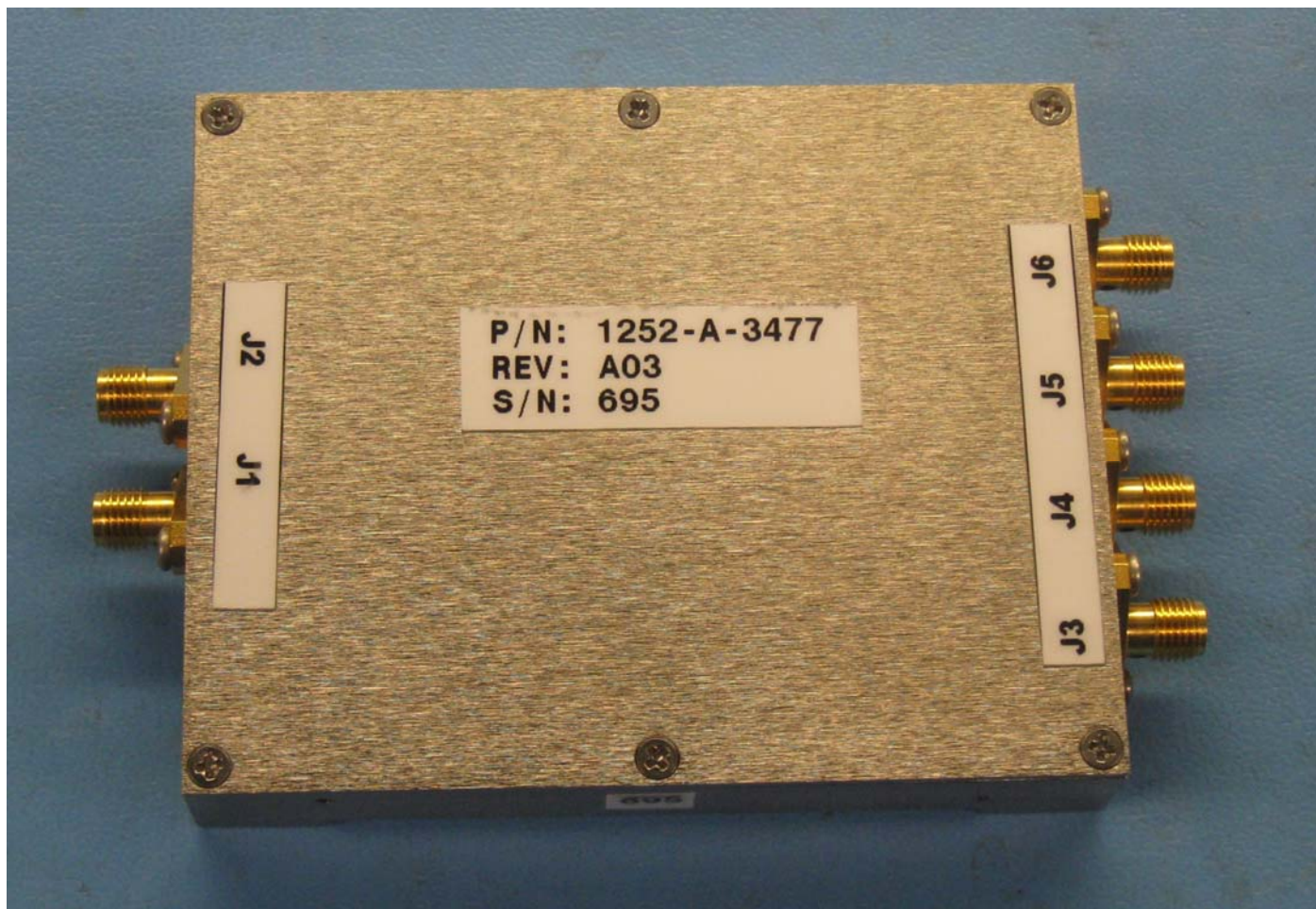


Figure 29: RF Splitter Top

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.

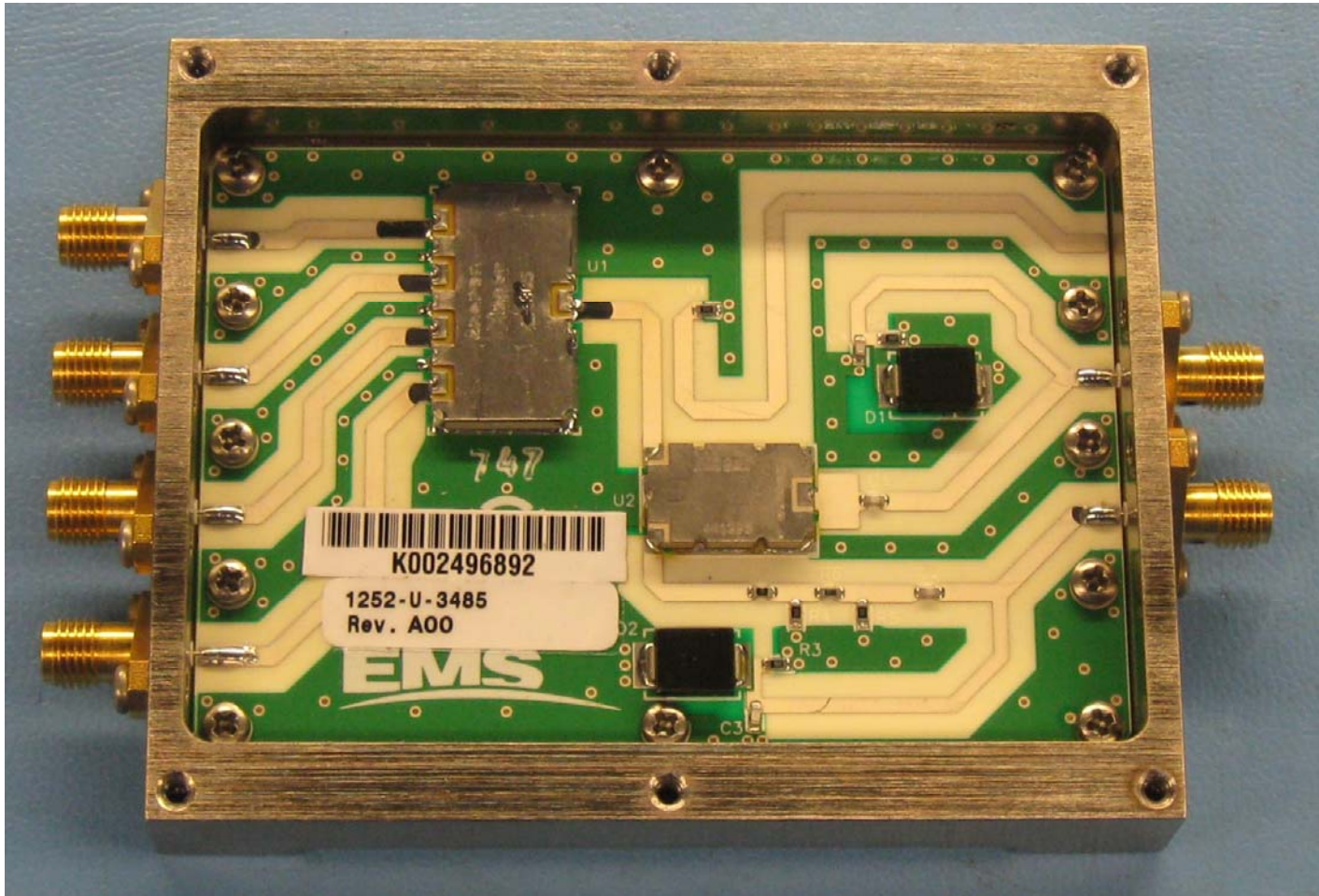


Figure 30: RF Splitter Inside

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.

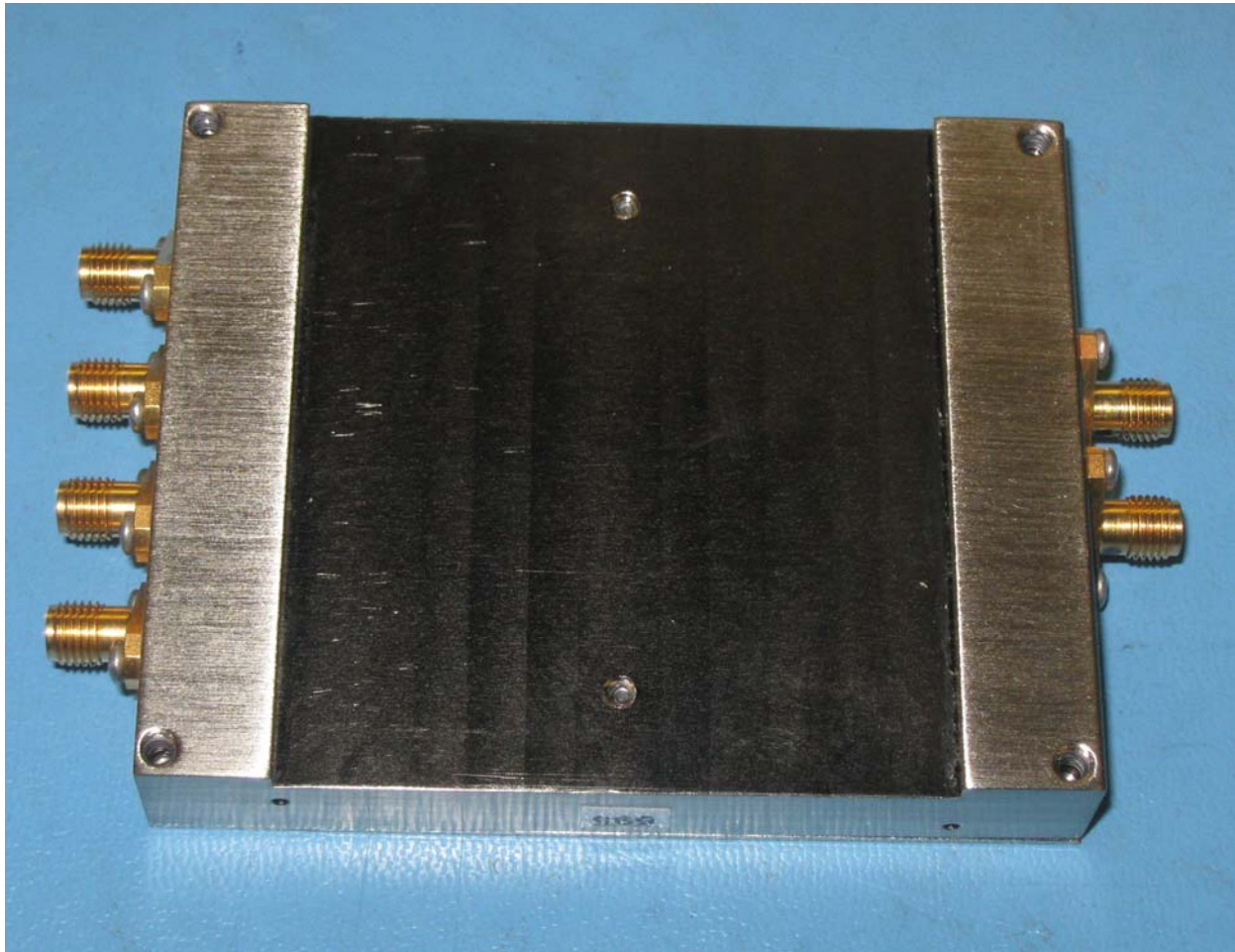


Figure 31: RF Splitter Bottom

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.