APPLICATION FOR ESCC QUALIFICATION APPROVAL

Component Title:

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Isolators, High Power, coaxial, S and C Band, based on types BE1xE2-105 and BG1xE2-206 Executive Member: CNES Date: 28/02/2017 347 1 Components (including series and families) submitted for Qual. App. ESA/ESCC BASED TEST COMPONENT VARIANTS RANGE OF COMPONENTS COMP. NO VEHICLE / S 3202/022 01, 02 S band, 200 W BE1xE2-105 BE11E2-105 3202/023 01,02 C band, 150 W BG1xE2-206 BG11E2-206 Component Manufacturer 2 Location of Manufacturing Plant 3 ESCC Specification used for Qualification 4 31, Avenue de la Baltique 91978 Villebon Sur Yvette Cobham Microwave Generic: 3202 France Detail/s: 3202/022, 3202/023 Qualification Report Reference and date: 5 PID used for manufacturing Qualification Lot 6 13706_TN4 Issue C 2014091430-085 and 2014091527-085 Ref No: Date: 04/04/2017 Issue: 10/11/2016 Date: PID changes since start of qualification 7 Current PID Verified by J.L. Roux 8 Ref No: 2014091430-085 and 2014091527-085 \boxtimes None Minor* Issue: *Provide detail. Date: 10/11/2016 Major* Current Manufacturing facilities surveyed by: 9 ESA and CNES See Box 12 (Name of Executive Responsible) (Date) J.L. Roux Satisfactory: \boxtimes Explain See Box 12 Quality and Reliability Data 10 Evaluation testing performed Yes Ø No \Box Failure analysis, DPA, NCCS Yes \boxtimes No Report Ref. No.: 13706_TN3-Part2 issue A Date: 15/01/2016 (supply data) Equivalent Data: Ref. Nos. and purpose: Tyndall CA0683 (Construction Analysis) Certification:

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The undersigned hereby certifies on behalf of the ESCC Executive, that the above information is correct; that the appropriate documentation has been evaluated; that full compliance to all ESCC requirements is evidence except as stated in box 13; that the reports and data are available at the ESCC Executive and therefore applies for ESCC qualification status to be given to the component(s) listed herein.

Date:

01/03/2017

JP. BUSSENOT

((Signature of the Executive Coordinator)

Continuation of Boxes above:

Box 09:

ESCC Audit Cobham Microwave, Villebon-sur-Yvettes – 23824 Sept. 2014 (Report COBH-CIRC-AUD-2014. Corrective action plan 13363_TN4.3) ESCC Audit Cobham Microwave, Gradignan, Power test – 17 July 2015 (Report DCT/AQ/EC-2015/11711). As a result of Observation # 6, skill matrix for Gradignan power testing activity was transmitted by COBHAM on the 25th of August 2015.

ESCC

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	Executive N	Member: CNES	Date: 28/02/2017	347	
Non compliance to ESCC requ	uirements:			13	
No.: Spe	Specification Paragraph		Non	Non compliance	
Additional tasks required to ac noncompliance:	nieve full compliance for	ESCC qualification or rationale for ac	cceptability of	14	
Executive Manager Disposition Application Approval: Yes Action / Remarks:	n ⊠ No □			15	
		Franco O Director o Head of E	ngaro f Technology, Engin SA/ESTEC Establis	eering and Quali shment	
Date:			Signature, ESA Re	presentative	