

Exposure Calculation Report

Brigade Electronics Plc

Model: DW-2000Tx (Part No. 7088) & DW2000Rx
(Part No. 7089)



In accordance with ISED RSS-102

Prepared for: Brigade Electronics Plc
10 Applegarth Drive
Questor Estate, Dartford, Kent
DA1 1JD, United Kingdom

Add value.
Inspire trust.

COMMERCIAL-IN-CONFIDENCE

Document 75956878-04 Issue: 01

SIGNATURE

NAME	JOB TITLE	RESPONSIBLE FOR	ISSUE DATE
Matthew Russell	Chief Engineer (RF)	Authorised Signatory	30-January-2023

Signatures in this approval box have checked this document in line with the requirements of TUV SUD document control rules.

ISED Accreditation

12669A Octagon House, Fareham Test Laboratory

EXECUTIVE SUMMARY

The calculation of exposure for this product was found to be compliant at a minimum distance of 20cm with ISED RSS-102 Iss 5, Amd 1 (2021-02) assuming continuous exposure of 6 minutes or more. If alternative antennas are used with greater gains, the distance must be recalculated.



DISCLAIMER AND COPYRIGHT

This non-binding report has been prepared by TÜV SÜD with all reasonable skill and care. The document is confidential to the potential Client and TÜV SÜD. No part of this document may be reproduced without the prior written approval of TÜV SÜD. © 2023 TÜV SÜD. This report relates only to the actual item/items tested.

ACCREDITATION

Our UKAS Accreditation does not cover opinions and interpretations and any expressed are outside the scope of our UKAS Accreditation. Results of tests not covered by our UKAS Accreditation Schedule are marked NUA (Not UKAS Accredited).

TÜV SÜD
is a trading name of TÜV SÜD Ltd
Registered in Scotland at East Kilbride,
Glasgow G75 0QF, United Kingdom
Registered number: SC215164

TÜV SÜD Ltd is a
TÜV SÜD Group Company

Phone: +44 (0) 1489 558100
Fax: +44 (0) 1489 558101
www.tuvsud.com/en

TÜV SÜD
Octagon House
Concorde Way
Fareham
Hampshire PO15 5RL
United Kingdom



Contents

1	Report Summary	2
1.1	Report Modification Record.....	2
1.2	Introduction.....	2
1.3	Brief Summary of Results	3
1.4	Product Information	3
2	Assessment Details	4
2.1	Configuration - Single Transmitter up to 6 GHz – Separation Distance >200 mm	4



1 Report Summary

1.1 Report Modification Record

Alterations and additions to this report will be issued to the holders of each copy in the form of a complete document.

Issue	Description of Change	Date of Issue
1	First Issue	30-January-2023

Table 1

1.2 Introduction

Applicant	Brigade Electronics Plc
Manufacturer	Stonkam
Model Number(s)	7088 / DW-2000Tx 7089 / DW-2000Rx
Hardware Version(s)	7088 / DW-2000Tx 7089 / DW-2000Rx
Software Version(s)	ST-WT479-CE-00-V1.2-220424 ST-WR480-CE-00-V1.2-220424
Specification/Issue/Date	<ul style="list-style-type: none">RSS-102 Issue 5 Radio Frequency (RF) Exposure Compliance of Radiocommunication Apparatus (All Frequency Bands)
Order Number	PLCPO001387
Date	13-October-2022
Related Document(s)	<ul style="list-style-type: none">Health Canada Safety Code 6:2015IEEE C95.3:2002 IEEE Recommended Practice for Measurements and Computations of Radio Frequency Electromagnetic Fields with Respect to Human Exposure to Such Fields, 100 kHz–300 GHz