



# Test Report - RF Exposure Evaluation Report for SAR Exclusion Applicant: SUBPAC Inc.

Approved for Release By:

Signature: Bruno Clavier

Name & Title: Bruno Clavier, General Manager

Date of Signature 4/19/2022

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Timco Engineering, Inc., an IIA Company  
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## Table of Contents

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|     |                                          |   |
|-----|------------------------------------------|---|
| 1.  | CUSTOMER INFORMATION.....                | 3 |
| 2.  | LOCATION OF TESTING .....                | 3 |
| 2.1 | TEST LABORATORY .....                    | 3 |
| 2.2 | TESTING WAS PERFORMED, REVIEWED BY ..... | 4 |
| 3.  | TEST SAMPLE(S) (EUT/DUT) .....           | 5 |
| 3.1 | DESCRIPTION OF THE EUT.....              | 5 |
|     | SAR EXCLUSION CALCULATION:.....          | 6 |
| 4.  | HISTORY OF TEST REPORT CHANGES .....     | 7 |



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## 1. Customer Information

Applicant: SUBPAC Inc.  
Address: 540 Howard Street  
San Francisco, California, 94105, United States

## 2. Location of Testing

### 2.1 Test Laboratory

Timco Engineering Inc. is a subsidiary of Industrial Inspection & Analysis, Inc. ("IIA"). Testing was performed at Timco's permanent laboratory located at 849 NW State Road 45, Newberry, Florida 32669

FCC test firm # 578780  
FCC Designation # US1070  
FCC site registration is under A2LA certificate # 0955.01  
ISED Canada test site registration # 2056A  
EU Notified Body # 1177  
For all designations see A2LA scope # 0955.01



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## 2.2 Testing was performed, reviewed by

Dates of Testing: 1/27/2022 – 2/4/2022

Signature:

Sr. EMC Engineer  
EMC-003838-NE



Name & Title:

Tim Royer, EMC Engineer

Date of Signature

4/19/2022

Signature:

Name & Title:

Kristoffer Costa, EMC Technician

Date of Signature

4/19/2022



### 3. Test Sample(s) (EUT/DUT)

The test sample was received: 1/27/2022

#### 3.1 Description of the EUT

A description as well as unambiguous identification of the EUT(s) tested. Where more than one sample is required for technical reasons (such as the use of connected units for the purpose of conducted output power testing where the product units will have integral antennas), each specific test shall identify which unit was tested.

##### Identification

| Identification    |                                                               |
|-------------------|---------------------------------------------------------------|
| FCC ID            | 2AEJU-C1A                                                     |
| Brief Description | C1 Desk-mount audio control and UWB wireless interface device |
| Model(s) #        | SUBPAC C1                                                     |
| Firmware version  | n/a                                                           |
| Software version  | n/a                                                           |
| Serial Number     | n/a                                                           |

##### Technical Characteristics

| Technical Characteristics    |                 |
|------------------------------|-----------------|
| Technology                   | n/a             |
| Antenna Connector            | 5VDC USB Type C |
| Voltage Rating (AC or Batt.) | n/a             |
| Simultaneous transmission    | NO              |

##### Antenna Characteristics

| Antenna Characteristics |           |              |
|-------------------------|-----------|--------------|
| Frequency Range         | Mode / BW | Antenna Gain |
| 6674.9 – 7475.9         | n/a       | 0 dBi        |



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## SAR EXCLUSION CALCULATION:

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SAR Exemption 447498 D04 Interim General RF Exposure Guidance v01

Equation found in FCC Part 1.1310 (b)(c)(d)

### ***MPE***

| Frequency Band | Separation Distance (mm) | Max Power + Tolerance (dBm) | Max Power + Tolerance (mW) | SAR Exclusion Value | Limit for 1-g SAR | Limit for 10-g SAR (Extremities) | SAR Exclusion |
|----------------|--------------------------|-----------------------------|----------------------------|---------------------|-------------------|----------------------------------|---------------|
| 6600-7800 MHz  | 5                        | -0.57                       | 0.88                       | 0.49                | 3.0               | 7.5                              | SAR EXEMPT    |

SAR Exemption 447498 D04 Interim General RF Exposure Guidance v01 Sec. 2.2.1 (1mW)

Conclusion: SAR testing is not required.



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#### 4. History of Test Report Changes

| Test Report #                       | Revision # | Description                        | Date of Issue |
|-------------------------------------|------------|------------------------------------|---------------|
| TR_0532-22_RF Exp SAR Exclusion Rpt | 1          | Initial release                    | 4/4/2022      |
|                                     | 2          | Updated device description, Page 5 | 4/12/2022     |
|                                     | 3          | Updated Page 6                     | 4/13/2022     |
|                                     | 4          | Updated Page 5,6                   | 4/13/2022     |
|                                     | 5          | Updated Page 6                     | 4/19/2022     |
|                                     | 6          | Updated Page 6                     | 4/19/2022     |



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END OF TEST REPORT

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