

|                                                                                                                                                                                           |                                              |                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|-------------------------------------------------------------------------------------|
| <b>Applicant's name</b>                                                                                                                                                                   | FAIRFIELD s.r.l.                             |                                                                                     |
| Address                                                                                                                                                                                   | Via Eching, 12<br>Trezzano sul Naviglio (MI) |                                                                                     |
| <b>Test item description</b>                                                                                                                                                              | Aluminium case resistor                      |                                                                                     |
| Trademark                                                                                                                                                                                 | FAIRFIELD s.r.l.                             |                                                                                     |
| Model                                                                                                                                                                                     | RFK 800                                      |                                                                                     |
| <b>Testing laboratory</b>                                                                                                                                                                 | Teslab S.r.l                                 |                                                                                     |
| Address                                                                                                                                                                                   | Via delle Cateratte, 84 –<br>Livorno - Italy |                                                                                     |
| <b>Report reference n°</b>                                                                                                                                                                | 209210A                                      |                                                                                     |
| Written by<br>(name, function and signature)                                                                                                                                              | D. Maenza<br>Laboratory Technician           |  |
| Approved by<br>(name, function and signature)                                                                                                                                             | G. Romano<br>Laboratory Manager              |  |
| Date of issue                                                                                                                                                                             | 2020-10-12                                   |                                                                                     |
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## 1 EQUIPMENT UNDER TEST (EUT)

### 1.1 EUT identification

|                                |                         |
|--------------------------------|-------------------------|
| Equipment                      | EUT-1                   |
| Trademark                      | FAIRFIELD s.r.l.        |
| Model                          | RFK 800                 |
| Part number                    | --                      |
| Serial number                  | 004 RFK 800 IPX7        |
| HW release                     | --                      |
| SW release                     | --                      |
| Power requirements             | --                      |
| Equipment category             | --                      |
| Date of receipt of test sample | 2020-09-23              |
| EUT description                | Aluminium case resistor |

|                                |                         |
|--------------------------------|-------------------------|
| Equipment                      | EUT-2                   |
| Trademark                      | FAIRFIELD s.r.l.        |
| Model                          | RFH 2PG                 |
| Part number                    | --                      |
| Serial number                  | 003 RFK 800 IP6X        |
| HW release                     | --                      |
| SW release                     | --                      |
| Power requirements             | --                      |
| Equipment category             | --                      |
| Date of receipt of test sample | 2020-09-23              |
| EUT description                | Aluminium case resistor |

### 1.2 Auxiliary equipment not under test (AE) identification

|                     |    |
|---------------------|----|
| Auxiliary Equipment | -- |
| Trademark           | -- |
| Model               | -- |
| Part number         | -- |
| Serial number       | -- |
| Power requirements  | -- |
| Description         | -- |

### 1.3 Modification embodied

The following items are the Modification s embodied in the EUT to fulfill the requirements of the applicable standards:

| Modification n° | Description |
|-----------------|-------------|
| 0               | none        |

Test results are referred to the only EUT configurations/Modification s reported in each test section (see chapter n°5).

### 1.4 Sampling

The EUT has been selected by the customer itself before to be delivered to the laboratory.  
The extension of the test results to the whole production is up to the manufacturer/importer.

### 1.5 EUT storing and handling

The EUT and their auxiliary equipments when they are delivered to TesLab are recorded in the storehouse register and labeled with an identification code number.  
Inside the laboratories the EUT are kept anonymous as far as possible.

## 2 SCOPE

Scope of this Test Report is to provide the customer with useful information to evaluate the EUT compliance to the requirements of the reference standards.

## 3 APPLICABLE DOCUMENTS

### 3.1 Reference standards

| Reference                            | Title                                                  |
|--------------------------------------|--------------------------------------------------------|
| EN 60529:1991<br>+ A1:2000 + A2:2013 | Degrees of protection provided by enclosures (IP Code) |

### 3.2 Other documents

These documents are provided by customer and used/analyzed to check the conformity to the reference standards.

| Document                     | Title           | (n°, edition, date, ...)   |
|------------------------------|-----------------|----------------------------|
| Qualification test procedure | --              | --                         |
| Acceptance test procedure    | --              | --                         |
| Informative data sheet       | Datasheet - RFK | DS.0314.FKHP<br>March 2014 |
| Technical manual             | --              | --                         |
| Wiring list                  | --              | --                         |
| Part list                    | --              | --                         |

### 3.3 Glossary of terms, abbreviations and acronyms

|              |                                     |
|--------------|-------------------------------------|
| • AE         | Auxiliary Equipment                 |
| • Comply     | Within the limits/specification     |
| • h          | hours                               |
| • HV         | High voltage                        |
| • I/O        | Input/ output                       |
| • IR         | Insulation resistance               |
| • EMC        | Electromagnetic Compatibility       |
| • EMI        | Electromagnetic Interference        |
| • EN         | European Standard EN...             |
| • EUT        | Equipment Under Test                |
| • NA         | Not applicable                      |
| • Not Comply | Not within the limits/specification |
| • @          | at                                  |
| • SW         | Software                            |

## 4 GENERAL PRODUCT INFORMATION AND TEST CONDITIONS

### 4.1 Operating test modes and test conditions

In the following table are listed the operating conditions used for testing, identified by a marker (#...) at which is referred the item “Operating condition of the EUT” of all the technical sheets in this Test Report

| Operating condition | Description     | Representative parameter |
|---------------------|-----------------|--------------------------|
| # 1                 | Empty enclosure | --                       |

### 4.2 Customer personnel present during the test

|         |      |
|---------|------|
| Company | Name |
| --      | --   |

### 4.3 Pass / Fail criteria

See acceptance criterion of § 6.1.1 and § 6.1.2

## 5 SUMMARY OF THE TEST PERFORMED

### 5.1 Durability and resistance to environmental conditions

| Type of test                                                            | Test Result |
|-------------------------------------------------------------------------|-------------|
| Degrees of protection indicated by first characteristic numeral (IP6X)  | Comply      |
| Degrees of protection indicated by second characteristic numeral (IPX7) | Comply      |

## 6 PERFORMED TESTS

### 6.1 Durability and resistance to environmental conditions

#### 6.1.1 Degrees of protection indicated by first characteristic numeral (IP6X)

|                            |                                                                                                                                                                                                                       |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reference Standard         | EN 60529:1991 + A1:2000 + A2:2013                                                                                                                                                                                     |
| Test End Date (yyyy-mm-dd) | 2020-10-09                                                                                                                                                                                                            |
| Test Setup                 | According to standard §13.4 for Solid foreign objects<br>According to standard §13.2 for access to hazardous parts                                                                                                    |
| Test Procedure             | According to standard §13.4 for Solid foreign objects<br>According to standard §13.2 for access to hazardous parts                                                                                                    |
| Test location              | Environmental testing area                                                                                                                                                                                            |
| EUT volume                 | --                                                                                                                                                                                                                    |
| Volume flow rate           | 0 l/min                                                                                                                                                                                                               |
| Eut category               | 1                                                                                                                                                                                                                     |
| Test duration              | 8 h                                                                                                                                                                                                                   |
| Acceptance criterion       | The protection is satisfactory if no deposit of dust is observable inside the enclosure at the end of test.<br>In addition the test wire of 1mm diameter shall not penetrate and an adequate clearance shall be kept. |
| Modification embodied      | Modification n°0                                                                                                                                                                                                      |

| Laboratory conditions | Measured |
|-----------------------|----------|
| Temperature:          | 23°C     |
| Relative humidity     | 52%      |

|                                 |     |
|---------------------------------|-----|
| OPERATING CONDITION (See § 4.1) | # 1 |
|---------------------------------|-----|

**RESULT: COMPLY**

| Note: | Remarks                 |
|-------|-------------------------|
| 1     | Test performed on EUT-2 |

| TesLab code number | Equipment                                     | Manufacturer             | Model                            |
|--------------------|-----------------------------------------------|--------------------------|----------------------------------|
| ST063S01           | Test wire 1,0 mm diameter, 100 mm long (IP4X) | Protecno                 | PR063F01                         |
| ST223S04           | Dust filter                                   | SMC                      | ZFA-100                          |
| ST273F02           | Dust chamber                                  | Teslab                   | IP5X                             |
| ST223S01           | Vacuum gauge 0-40 mbar                        | Ascione                  | 155 MBP/A3 A C<br>21M -40÷0 mbar |
| ST223S02           | Later channel turbine                         | D.V.P. Vacuum technology | TSB 85                           |
| ST223S03           | Digital flow switch                           | SMC                      | PFM711S-C6-B                     |
| ST223S05           | Digital flow switch                           | SMC                      | PFM710S-C4-B                     |
| ST263F02           | Thermo hygrometer                             | TESTO                    | 608-H1                           |



**Test setup**

### 6.1.2 Degrees of protection indicated by second characteristic numeral (IPX7)

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reference Standard         | EN 60529:1991 + A1:2000 + A2:2013                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Test End Date (yyyy-mm-dd) | 2020-10-02                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Test Setup                 | According to standard § 14.2.5                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Test Procedure             | According to standard § 14.2.5                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Test location              | Environmental testing area                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Test duration              | 30 minutes                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Test Level                 | 1 m                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Eut Temperature [°C]       | 23                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Water Temperature [°C]     | 22                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Acceptance criterion       | <p>In general, if any water has entered, it shall not:</p> <ul style="list-style-type: none"> <li>• Be sufficient to interference with the correct operation of the equipment or impair safety.</li> <li>• Deposit on insulation parts where it could lead to tracking along the creepage distances.</li> <li>• Reach live parts or windings not designed to operate when wet.</li> </ul> <p>Accumulate near the cable end or enter the cable if any.</p> |
| Modification embodied      | Modification n°0                                                                                                                                                                                                                                                                                                                                                                                                                                          |

| Laboratory conditions | Measured |
|-----------------------|----------|
| Temperature:          | 23°C     |
| Relative humidity     | 55%      |

|                                 |     |
|---------------------------------|-----|
| OPERATING CONDITION (See § 4.1) | # 1 |
|---------------------------------|-----|

|                       |
|-----------------------|
| <b>RESULT: COMPLY</b> |
|-----------------------|

| Note: | Remarks                          |
|-------|----------------------------------|
| 1     | Test performed on EUT-1          |
| 2     | Water not present inside the EUT |

| TesLab code number | Equipment                   | Manufacturer | Model    |
|--------------------|-----------------------------|--------------|----------|
| ST056S05           | IPX7 tank                   | Teslab       | --       |
| ST202F02           | Datalogger for thermocouple | PICO         | TC-08USB |
| ST201F             | Thermocouple type K         | PICO         | SE028    |
| ST263F02           | Thermo hygrometer           | TESTO        | 608-H1   |

Annex n° 1



## Annex n°2

| TesLab code number | Manufacturer                  | Equipment                    | Calibration due (dd/mm/yyyy) |
|--------------------|-------------------------------|------------------------------|------------------------------|
| ST9S4              | Anritsu Corporation           | MA8601A                      | 25/02/2021                   |
| ST9S2              | Anritsu Corporation           | MA 8610A                     | 01/06/2021                   |
| ST11S1             | SCHAFFNER                     | NSG 200 E                    | 22/07/2021                   |
| ST11S2             | SCHAFFNER                     | NSG 222 A                    | 22/07/2021                   |
| ST16F2             | IFI                           | ME100                        | 22/06/2021                   |
| ST16F4             | Varian (CPI)                  | VZC6961B37A000               | 22/06/2021                   |
| ST16F5             | TESEQ                         | CBA 1G-600B                  | 22/06/2021                   |
| ST16F6             | IFI                           | M423                         | 22/06/2021                   |
| ST16F7             | Varian                        | VZC6963G5M                   | 22/06/2021                   |
| ST17S1             | RF POWER LABS                 | R 210 LCR                    | 09/09/2021                   |
| ST23S1             | HOLADAY INDUSTRIES            | HI - 3603                    | 21/08/2022                   |
| ST23S2             | HOLADAY INDUSTRIES            | HI -3604                     | 21/08/2022                   |
| ST24F3             | HEWLETT PACKARD               | 11581 A                      | 10/08/2021                   |
| ST24F4             | HEWLETT PACKARD               | 11581 A                      | 10/08/2021                   |
| ST26F1             | Solar                         | 6741-1                       | 29/06/2021                   |
| ST26F2             | Solar                         | 9123-1N                      | 16/03/2021                   |
| ST26F3             | A.H. Systems Inc.             | BCP-510                      | 16/03/2021                   |
| ST26F4             | Solar                         | 9118-1                       | 12/12/2020                   |
| ST26F5             | Pearson                       | 411                          | 25/06/2023                   |
| ST28F2             | Schwarzbeck                   | VAMP 9243                    | 18/06/2023                   |
| ST28F1             | Logimetrics                   | AN8100A                      | 18/03/2021                   |
| ST33C              | Testec                        | TT-HVP 40                    | 30/01/2021                   |
| ST34C              | HEWLETT PACKARD               | 34330A                       | 17/08/2022                   |
| ST39A              | Italtec                       | IT.0544.ME09VA               | 12/12/2020                   |
| ST52F1             | ANGELANTONI<br>CONTROL SYSTEM | Hygros 120                   | 05/11/2020                   |
| ST52F2             | ANGELANTONI<br>CONTROL SYSTEM | DM 1200 C ES                 | 12/06/2021                   |
| ST52F3             | Angelantoni                   | Hygros600                    | 12/12/2020                   |
| ST53A              | OCRAS - ZAMBELLI              | TU / 1)                      | 22/12/2021                   |
| ST55S1             | LDS                           | V730-335B + Tavola 750 X 750 | 13/01/2021                   |
| ST55S2             | LDS                           | SPA 10/20K SP                | 13/01/2021                   |
| ST56S1             | PROTECNO                      | PR056                        | 10/06/2021                   |
| ST56S7             | Officine Orobiche             | FTV225GAJV                   | 02/10/2022                   |
| ST56S8             | Officine Orobiche             | FTV250-G-A-J-V               | 02/10/2022                   |
| ST61F1             | PTL Dr. Grabenhorst           | F 22.16                      | 06/08/2022                   |
| ST65A              | Mitutoyo                      | 530-123                      | 22/01/2021                   |
| ST67F2             | Dytran                        | 3035B1G                      | 27/07/2021                   |
| ST67F7             | Dytran                        | 3023A                        | 19/05/2021                   |
| ST67F8             | Dytran                        | 3035B1G                      | 27/07/2021                   |
| ST67F9             | PCB piezotronics              | 353B15                       | 19/05/2021                   |

|         |                    |                           |            |
|---------|--------------------|---------------------------|------------|
| ST67F10 | Dytran             | 3055B4                    | 27/07/2021 |
| ST67F11 | Dytran             | 3055B4                    | 04/11/2020 |
| ST68A   | Rag. Ivano Amalto  | FDN300                    | 12/12/2020 |
| ST77A   | HEWLETT PACKARD    | HP34401A                  | 17/08/2022 |
| ST78F2  | Panashield         | 5,4MX8,4MX5.5M            | 20/11/2022 |
| ST83F1  | RF Microwave       | TC-N-09A                  | 18/03/2021 |
| ST83F2  | RF Microwave       | TC-N-09A                  | 18/03/2021 |
| ST83F6  | RF Microwave       | TC-N-09A                  | 18/03/2021 |
| ST83F9  | RF Microwave       | TC-N-09A                  | 18/03/2021 |
| ST83F10 | RF Microwave       | TC-N-09A                  | 18/03/2021 |
| ST83F12 | RF Microwave       | TC-N-09A                  | 18/03/2021 |
| ST84F1  | JFW                | 50FHE - 020 - 200         | 10/08/2021 |
| ST84F2  | WEINSCHL           | 53-30-34                  | 10/08/2021 |
| ST85F13 | WEINSCHL           | 46-20-34                  | 10/08/2021 |
| ST85F22 | Solar              | 9410-1                    | 22/12/2020 |
| ST85F21 | Bird               | 10-6A-MNF-10              | 25/11/2020 |
| ST85F19 | Bird               | 10-6A-MNF-10              | 25/11/2020 |
| ST85F18 | Bird               | 10-6A-MNF-10              | 25/11/2020 |
| ST85F15 | MECA               | 650-dB-1F18               | 10/08/2021 |
| ST85F3  | JFW                | 50FP - 10 - H6            | 10/08/2021 |
| ST85F1  | JFW                | 50FP - 006 - H6           | 10/08/2021 |
| ST85F16 | Bird               | DC-18 GHz 5-18A-MFN-20    | 03/09/2021 |
| ST86F13 | BIRD               | 2T-MB                     | 10/08/2021 |
| ST86F2  | JFW                | 50T - 052 - N             | 10/08/2021 |
| ST86F24 | Solar              | 9841-1                    | 22/12/2020 |
| ST86F23 | Bird               | 8404                      | 10/08/2021 |
| ST86F25 | TEQ                | TEQ-TR-025-QC-50-2500 SWR | 18/02/2021 |
| ST86F18 | Greenpar           | --                        | 10/08/2021 |
| ST86F15 | BIRD               | 2T-MB                     | 10/08/2021 |
| ST86F14 | BIRD               | 2T-MB                     | 10/08/2021 |
| ST86F12 | BIRD               | 2T-MB                     | 10/08/2021 |
| ST86F11 | BIRD               | 2T-MB                     | 10/08/2021 |
| ST86F10 | Greenpar           | --                        | 10/08/2021 |
| ST86F9  | Fairview Microwave | ST18N530                  | 10/08/2021 |
| ST86F7  | Fairview Microwave | ST18N530                  | 10/08/2021 |
| ST86F1  | JFW                | 50T - 052 - N             | 10/08/2021 |
| ST86F8  | Fairview Microwave | ST18N530                  | 10/08/2021 |
| ST87A   | PROTECNO           | PR087                     | 25/05/2022 |
| ST92F1  | HEWLETT PACKARD    | 11947A                    | 09/09/2021 |
| ST92F2  | HEWLETT PACKARD    | 11947A                    | 09/09/2021 |
| ST93F10 | Luthi/EMTest       | EM101                     | 21/04/2021 |
| ST93F11 | EMTest             | R 100N1                   | 14/10/2021 |
| ST93F12 | EMTest             | R 100N1                   | 14/10/2021 |
| ST94F6  | R&S                | SMY02                     | 10/09/2021 |

|          |                       |                             |            |
|----------|-----------------------|-----------------------------|------------|
| ST94F5   | HEWLETT PACKARD       | 83620A + Option 1 +Option 2 | 16/05/2021 |
| ST94F4   | R&S                   | SMY01                       | 07/08/2021 |
| ST94F3   | R&S                   | SMY01                       | 19/09/2021 |
| ST94F7   | HEWLETT PACKARD       | 83620B + Option 1, 2, 6, 8  | 27/06/2021 |
| ST111C   | HEWLETT PACKARD       | HP34401A                    | 17/08/2022 |
| ST114S1  | PROTECNO              | PR114                       | 28/07/2022 |
| ST114S2  | PROTECNO              | PR114                       | 28/07/2022 |
| ST114S3  | PROTECNO              | PR114                       | 28/07/2022 |
| ST115C   | TEKTRONICS            | TDS 680B                    | 10/09/2021 |
| ST118A   | PROTECNO              | PR118                       | 19/12/2021 |
| ST120A   | PROTECNO              | PR120                       | 12/12/2020 |
| ST121A   | VOLTECH               | PM3000A                     | 25/08/2023 |
| ST123F3  | Solar                 | 6512-106R                   | 21/07/2021 |
| ST123F1  | Solar                 | 6512-106R                   | 21/07/2021 |
| ST123F2  | Solar                 | 6512-106R                   | 21/07/2021 |
| ST125A   | DANA                  | DAS SI 16/400               | 14/07/2022 |
| ST132S8  | Hewlett-Packard       | 8481A                       | 23/01/2021 |
| ST132S19 | HEWLETT PACKARD       | 8481A                       | 12/08/2021 |
| ST132S18 | HEWLETT PACKARD       | 8481A                       | 18/05/2021 |
| ST132S17 | HEWLETT PACKARD       | 8481A                       | 15/05/2021 |
| ST132S16 | Agilent               | 8482A                       | 12/08/2021 |
| ST132S15 | Agilent               | E4419B                      | 26/03/2021 |
| ST132S14 | Agilent               | E4419B                      | 23/01/2021 |
| ST132S12 | HEWLETT PACKARD       | 8482A                       | 23/01/2021 |
| ST132S7  | HP                    | 8481A                       | 23/01/2021 |
| ST132S5  | AGILENT               | 8482A                       | 21/09/2021 |
| ST132S4  | AGILENT               | 8482A                       | 21/09/2021 |
| ST132S3  | HEWLETT PACKARD       | 8482A                       | 23/01/2021 |
| ST132S1  | HEWLETT PACKARD       | EPM-442A                    | 15/05/2021 |
| ST132S10 | Agilent               | E4419B                      | 27/06/2021 |
| ST133F3  | SIGLENT               | SDG2082X                    | 10/09/2021 |
| ST133F4  | Agilent               | 33120A                      | 19/08/2021 |
| ST133F2  | SIGLENT               | SDG1050                     | 20/01/2021 |
| ST133F1  | HEWLETT PACKARD       | 33120A                      | 17/08/2022 |
| ST142F3  | Agilent Technologies  | MSO6052A                    | 21/04/2022 |
| ST143F1  | CHAUVIN ARNOUX        | E3N                         | 16/03/2021 |
| ST143F2  | Tektronix             | TCP202                      | 25/02/2021 |
| ST148F1  | WANDEL&GOLTERMAN<br>N | EMR30 C                     | 19/10/2021 |
| ST153A   | MITUTOYO              | 293-521-30                  | 02/10/2022 |
| ST159C1  | Hewlett Packard       | 85032B                      | 21/10/2021 |
| ST159C2  | Bird                  | 5-18A                       | 02/10/2022 |
| ST159C11 | Centric RF            | C18N-5B                     | 23/03/2021 |
| ST163F2  | Schwarzbeck           | BBA9106+VHBB9124            | 07/11/2022 |
| ST163F1  | EMCO                  | 3110B                       | 02/04/2023 |

|          |                |                  |            |
|----------|----------------|------------------|------------|
| ST164A   | EMCO           | 6502             | 07/11/2020 |
| ST165F2  | Werlatone      | C6047-10         | 10/08/2021 |
| ST165F3  | Werlatone      | C11161           | 10/08/2021 |
| ST165F4  | RFPA           | RFC001400-40-600 | 25/02/2021 |
| ST165F5  | RFPA           | RFC001400-40-600 | 25/02/2021 |
| ST165F6  | Werlatone      | C5925-627        | 24/03/2021 |
| ST167A   | Hofbauer       | PHE 4004         | 21/10/2020 |
| ST176F1  | TesLab         | PR176            | 18/03/2021 |
| ST176F2  | TesLab         | PR176            | 18/03/2021 |
| ST176F3  | TesLab         | PR176            | 18/03/2021 |
| ST177F2  | Teslab         | 001              | 18/03/2021 |
| ST182F10 | Teseq          | CDN M3-16        | 21/04/2021 |
| ST182F21 | Teseq          | CDN M532-10      | 06/05/2021 |
| ST182F20 | Teseq          | CDN M332-10      | 06/05/2021 |
| ST182F19 | Fisher         | FCC 801-M1-16    | 21/04/2021 |
| ST182F17 | Fisher         | FCC 801-M4-50    | 28/05/2021 |
| ST182F9  | Teseq          | CDN M2-16        | 21/04/2021 |
| ST182F5  | MEB            | KAL-1            | 01/05/2021 |
| ST182F3  | MEB            | CDN M3-16        | 21/04/2021 |
| ST182F1  | MEB            | CDN M1-16        | 21/04/2021 |
| ST182F2  | MEB            | CDN M2-16        | 21/04/2021 |
| ST186A   | Gigatronics    | 12720A           | 29/06/2021 |
| ST187A   | IFI            | S21-20IPL        | 22/06/2021 |
| ST188F2  | Milmega        | AS0204-60        | 22/06/2021 |
| ST188F1  | HUGHES         | 8010H01R000      | 22/06/2021 |
| ST197A   | Teslab         | --               | 03/06/2021 |
| ST202F7  | Pico           | SE028            | 10/11/2020 |
| ST202F17 | Pico           | SE028            | 10/11/2020 |
| ST202F16 | Pico           | SE028            | 10/11/2020 |
| ST202F15 | Pico           | SE028            | 10/11/2020 |
| ST202F14 | Pico           | SE028            | 10/11/2020 |
| ST202F13 | Pico           | SE028            | 10/11/2020 |
| ST202F12 | Pico           | SE028            | 10/11/2020 |
| ST202F11 | Pico           | SE028            | 10/11/2020 |
| ST202F10 | Pico           | SE028            | 10/11/2020 |
| ST202F8  | Pico           | SE028            | 10/11/2020 |
| ST202F6  | Pico           | SE028            | 10/11/2020 |
| ST202F5  | Pico           | SE028            | 10/11/2020 |
| ST202F4  | Pico           | SE028            | 10/11/2020 |
| ST202F3  | Pico           | SE028            | 10/11/2020 |
| ST202F2  | Pico           | TC-08 USB        | 10/11/2020 |
| ST202F1  | Pico           | TC-08            | 10/11/2020 |
| ST202F20 | Chauvin Arnoux | 863              | 10/11/2020 |
| ST202F9  | Pico           | SE028            | 10/11/2020 |
| ST202F18 | Pico           | SE028            | 10/11/2020 |
| ST202F22 | Pico           | TC-08 USB        | 07/11/2020 |

|          |           |                                   |            |
|----------|-----------|-----------------------------------|------------|
| ST202F19 | Pico      | TC-08 USB                         | 10/11/2020 |
| ST203F1  | Teslab    | Cispr 25 5uH                      | 27/04/2021 |
| ST203F2  | Teslab    | Cispr 25 / ISO 7637-2 5uH         | 27/04/2021 |
| ST203F3  | Teslab    | Cispr 25 5uH HV                   | 03/06/2021 |
| ST203F4  | Teslab    | Cispr 25 5uH HV                   | 03/06/2021 |
| ST203F5  | Solar     | 9117-5-TS-50-N                    | 22/07/2021 |
| ST203F6  | Solar     | 9117-5-TS-50-N                    | 22/07/2021 |
| ST209F1  | Schaffner | NSG1007-3                         | 10/08/2021 |
| ST209F2  | Pacific   | 3150AFX-4AGE                      | 01/05/2021 |
| ST210S2  | Narda     | B-Field Sensor 100 cm3            | 25/09/2022 |
| ST210S1  | Narda     | ELT-400                           | 25/09/2022 |
| ST211A   | Teslab    | T8                                | 06/05/2021 |
| ST212F2  | Weinschel | WA59                              | 30/04/2021 |
| ST212F3  | Bird      | 150-WA-FFN-06                     | 30/04/2021 |
| ST212F4  | Bird      | 150-SA-FFN-06                     | 30/04/2021 |
| ST213F6  | Tektronix | P6139A                            | 23/04/2021 |
| ST213F8  | Tektronix | P6112                             | 23/04/2021 |
| ST213F4  | Tektronix | P6139A                            | 23/04/2021 |
| ST213F3  | Agilent   | 10073C                            | 23/04/2021 |
| ST213F2  | Agilent   | 10073C                            | 23/04/2021 |
| ST213C1  | Tektronix | P5100                             | 08/06/2023 |
| ST213F7  | Tektronix | P6139A                            | 23/04/2021 |
| ST214C1  | TC Direct | RTD PT100                         | 09/08/2022 |
| ST214C2  | TC Direct | RTD PT100                         | 09/08/2022 |
| ST215A   | Honeywell | HMR2300                           | 07/04/2021 |
| ST219F5  | Teslab    | PR219                             | 27/11/2020 |
| ST219F16 | Protecno  | --                                | 17/03/2021 |
| ST219F15 | Protecno  | --                                | 17/03/2021 |
| ST219F14 | Protecno  | --                                | 17/03/2021 |
| ST219F13 | Protecno  | --                                | 17/03/2021 |
| ST219F12 | Teslab    | PR219                             | 03/07/2021 |
| ST219F11 | Teslab    | PR219                             | 03/07/2021 |
| ST219F10 | Teslab    | PR219                             | 27/11/2020 |
| ST219F9  | Teslab    | PR219                             | 27/11/2020 |
| ST219F8  | Teslab    | PR219                             | 27/11/2020 |
| ST219F6  | Teslab    | PR219                             | 27/11/2020 |
| ST219F3  | Teslab    | PR219                             | 27/11/2020 |
| ST219F2  | Teslab    | PR219                             | 27/11/2020 |
| ST219F1  | Teslab    | PR219                             | 27/11/2020 |
| ST219F7  | Teslab    | PR219                             | 27/11/2020 |
| ST220F1  | Solar     | 9229-1                            | 27/04/2021 |
| ST220F2  | Solar     | 7334-1                            | 27/04/2021 |
| ST223S1  | Ascione   | 155 MBP/A3 A C 21M -<br>40÷0 mbar | 25/09/2021 |
| ST223S3  | SMC       | PFM711S-C6-B                      | 25/09/2021 |
| ST223S5  | SMC       | PFM710S-C4-B                      | 25/09/2021 |

|         |                 |                        |            |
|---------|-----------------|------------------------|------------|
| ST223S7 | RIELS           | FA/M-120               | 25/09/2021 |
| ST224F5 | A-info          | JXTXLB--10180          | 04/02/2021 |
| ST224F6 | AH Systems      | SAS-570                | 17/09/2023 |
| ST224F8 | Schwarzbeck     | BBHA 9120D             | 14/05/2022 |
| ST225A  | Kepco           | BOP 15-20M             | 06/02/2021 |
| ST226A  | Varian          | VZM6991K31194          | 09/09/2021 |
| ST229A  | HP              | 11691D                 | 25/09/2021 |
| ST230F1 | Rhode & Schwarz | FSEM 30                | 10/08/2021 |
| ST230F2 | Rhode & Schwarz | FSEA 30                | 05/11/2020 |
| ST230F3 | Agilent         | N9342C                 | 11/09/2021 |
| ST230F4 | Rhode & Schwarz | FSEA 30                | 24/01/2021 |
| ST230F5 | Rhode & Schwarz | FSEA 30                | 15/04/2021 |
| ST231A  | Werlatone       | C6021-10               | 05/10/2021 |
| ST235S4 | EM Test         | RCN30 150-2000         | 12/01/2021 |
| ST235S5 | EM Test         | RCN30 330-2000         | 12/01/2021 |
| ST235S2 | EM Test         | ESD NX                 | 12/01/2021 |
| ST235S1 | EM Test         | ESD NX30               | 12/01/2021 |
| ST235S3 | EM Test         | RCN30 150-330          | 12/01/2021 |
| ST235S6 | EM Test         | RCN30 330-330          | 12/01/2021 |
| ST237C2 | Bruel & Kjaer   | 4231                   | 19/12/2021 |
| ST237S1 | Bruel & Kjaer   | 2250 Light             | 27/11/2022 |
| ST237S3 | Bruel & Kjaer   | 4950                   | 27/11/2022 |
| ST239F1 | Narda           | L3-32                  | 22/05/2021 |
| ST239F2 | Narda           | PMM L2-16B LISN        | 05/10/2022 |
| ST240S2 | Teseq           | NSG 3040 (surge)       | 05/11/2020 |
| ST241A  | HP              | 3457                   | 10/09/2021 |
| ST242F1 | Teslab          | DO160F                 | 27/04/2021 |
| ST242F4 | Teslab          | DO160F                 | 27/04/2021 |
| ST242F2 | Teslab          | DO160F                 | 27/04/2021 |
| ST242F3 | Teslab          | DO160F                 | 27/04/2021 |
| ST245A  | GWInstek        | GPI-745A               | 30/06/2021 |
| ST246S3 | Fratelli Magni  | DN 150 0/10 bar        | 11/06/2023 |
| ST247A  | LDS Dactron     | Laser USB              | 18/05/2022 |
| ST249F1 | Rhode & Schwarz | ESU26 EMI              | 14/08/2021 |
| ST249F2 | KEYSIGHT        | MXE N9038 EMI Receiver | 10/08/2021 |
| ST250F1 | ETS-Lindgren    | 3142D                  | 14/06/2022 |
| ST250F2 | Schwarzbeck     | VULB 9162              | 30/10/2021 |
| ST251A  | RS 313-794      | 313-794                | 04/03/2022 |
| ST253C  | Kern            | DKD-K-11801            | 24/04/2022 |
| ST254A  | EM Test         | DPA 500 N              | 23/07/2022 |
| ST255A  | ACS Angelantoni | DCTC 1200PN W          | 19/11/2020 |
| ST257C  | RS components   | 705-1197               | 04/10/2024 |
| ST258A  | USAG            | 966/20                 | 27/03/2021 |
| ST260A  | Milmega         | 80RF1000-250           | 22/06/2021 |
| ST262F1 | ETS LINDGREN    | HI-6053                | 28/04/2021 |
| ST262F2 | NARDA/PMM       | EP-604                 | 26/06/2021 |

|            |                     |                  |            |
|------------|---------------------|------------------|------------|
| ST263F1    | Madgetech           | PRHTemp2000      | 16/10/2020 |
| ST263F2    | Testo               | 608-H1           | 13/11/2020 |
| ST263F3    | Testo               | 608-H1           | 13/11/2020 |
| ST264A     | Milmega             | AS0822-200-01    | 22/06/2021 |
| ST265S1    | Pearson Electronics | PRD-240          | 12/12/2020 |
| ST265S2    | Teslab              | PRD-480          | 12/12/2020 |
| ST266F5    | Mini-Circuits       | ZGDC35-93HP+     | 24/10/2020 |
| ST266F6    | RF-Lambda           | RFDDC8G18G30     | 09/01/2021 |
| ST266F4    | Mini-Circuits       | ZGDC35-93HP+     | 24/10/2020 |
| ST269F1    | Fluke               | 87V              | 30/01/2022 |
| ST269F2    | Fluke               | 87V              | 13/11/2021 |
| ST271A     | Metrix              | MX 9030          | 25/03/2022 |
| ST272A     | AE Techron          | 7224             | 14/09/2022 |
| ST273F1    | Galbusera           | Art.N.03.01-A    | 04/03/2021 |
| ST273F2    | Teslab              | IP5X             | 01/12/2020 |
| ST275A     | Schwarzbeck MESS    | CAT5 8158        | 06/10/2021 |
| ST278A     | HEWLETT PACKARD     | HP34401A         | 10/09/2021 |
| ST285A     | Schwarzbeck         | BBV9718          | 08/07/2022 |
| ST286F2    | Schwarzbeck         | STPL 9129-N      | 12/05/2021 |
| ST286F1    | Schwarzbeck         | STPL 9129-N      | 14/05/2021 |
| ST289CV89  | CPE                 | 41-Z53           | 27/04/2021 |
| ST289CV70  | CPE                 | 41_A33R01        | 26/03/2021 |
| ST289CV78  |                     | RG-58-C/U        | 23/04/2021 |
| ST289CV79  |                     | RG-58-C/U        | 23/04/2021 |
| ST289CV102 | CPE                 | 41-Z53           | 13/07/2021 |
| ST289CV80  |                     |                  | 23/04/2021 |
| ST289CV50  |                     |                  | 26/03/2021 |
| ST289CV81  | Huber Suhner        | Sucoflex 104     | 25/03/2021 |
| ST289CV83  |                     | RG-58-C/U        | 23/04/2021 |
| ST289CV85  | Radial              | R284C0351025     | 23/04/2021 |
| ST289CV86  | Utiflex             | FB311A2-003-DPAB | 25/03/2021 |
| ST289CV88  | CPE                 | 41-Z54           | 23/04/2021 |
| ST289CV90  | CPE                 | 41-C51           | 27/04/2021 |
| ST289CV91  | CPE                 | 41.430.320.Z92   | 23/04/2021 |
| ST289CV93  | --                  | RG-58-C/U        | 26/11/2020 |
| ST289CV97  |                     | RG 223 U         | 25/03/2021 |
| ST289CV98  | Radial              | R284C0351026     | 21/07/2021 |
| ST289CV99  | Radial              | R284C0351026     | 21/07/2021 |
| ST289CV100 | Radial              | R284C0351026     | 21/07/2021 |
| ST289CV101 | Bedeia              | RG 58            | 21/07/2021 |
| ST289CV63  | CPE                 | 41 984           | 25/03/2021 |
| ST289CV87  | Utiflex             | FB311A2-003-DPAB | 25/03/2021 |
| ST289CV22  | Huber Suhner        | Sucoflex 103S    | 25/03/2021 |
| ST289CV7   |                     |                  | 23/04/2021 |
| ST289CV54  | Huber Suhner        | NTEQ42-N-50A     | 25/03/2021 |
| ST289CV14  |                     | RG 223 U         | 21/04/2021 |

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|-----------|---------------|--------------------------|------------|
| ST289CV62 | CPE           | 41 983                   | 25/03/2021 |
| ST289CV27 | Radiall       | R284C0351027             | 23/04/2021 |
| ST289CV28 | Radiall       | R284C0351027             | 23/04/2021 |
| ST289CV31 | ATM           | 0R8N4                    | 25/03/2021 |
| ST289CV32 | ATM           | 0R8N4                    | 25/03/2021 |
| ST289CV35 | Radiall       | RG-58-C/U                | 23/04/2021 |
| ST289CV42 | Huber Suhner  | Enviroflex 142           | 26/03/2021 |
| ST289CV44 | Huber Suhner  | Sucoflex 103S            | 25/03/2021 |
| ST289CV46 | Huber Suhner  | NTEQ42-N-50A             | 23/04/2021 |
| ST289CV48 | Huber Suhner  | Sucoflex 103S            | 26/03/2021 |
| ST289CV49 |               | RG-58-C/U                | 23/04/2021 |
| ST289CV51 | --            | RG-58-C/U                | 26/11/2020 |
| ST289CV55 | Coleman Cable | 988409                   | 23/04/2021 |
| ST289CV56 | Telegartner   | RG58C/U                  | 25/11/2020 |
| ST289CV57 | Coleman Cable | 988409                   | 23/04/2021 |
| ST289CV60 | CPE           | 41 985                   | 25/03/2021 |
| ST289CV10 | Radiall       | R284C0351005             | 23/04/2021 |
| ST289CV43 | Huber Suhner  | Sucoflex                 | 25/03/2021 |
| ST291C2   | GW Instek     | LCR-06B                  | 03/06/2022 |
| ST291C1   | GW Instek     | LCR-6100                 | 03/06/2022 |
| ST293A    | EM Test       | Dito                     | 24/04/2021 |
| ST297S2   | EM Test       | Compact NX5 bsp-1-300-16 | 23/01/2022 |
| ST297S3   | EM Test       | Compact NX5 bsp-1-300-16 | 23/01/2022 |
| ST297S1   | EM Test       | Compact NX5 bsp-1-300-16 | 23/01/2022 |
| ST298F1   | EM Test       | DCD ST-8-1               | 26/01/2022 |
| ST299S1   | EM Test       | Autowave                 | 11/08/2022 |
| ST299S2   | EM Test       | PFM 200N100.1            | 11/08/2022 |
| ST299S3   | EM Test       | VDS 200Q50.1             | 11/08/2022 |
| ST300A    | EM Test       | LD 200N                  | 11/08/2022 |
| ST301S1   | EM Test       | UCS 200N50               | 11/08/2022 |
| ST301S3   | EM Test       | KW50                     | 11/08/2022 |
| ST303S3   | EM Test       | BSM 200N40               | 14/01/2021 |
| ST303S2   | EM Test       | BS 200N100.1             | 12/01/2021 |

End of test report