

Service code: **AFP3018U**  
Frequency range: 20 MHz – 18 GHz

**Applicable to model(s): RSS3018U**

**Linearity (in accordance to EN-IEC 61000-4-3, under RvA accreditation)**

**Orientation and reading:** The calibrated axis is aligned with the field, and the data from the specific axis is used.

**Measured level(s):** 20 V/m  $\pm$ 6 dB in 1 dB steps

**Measured frequency point(s):** 100 MHz

**Frequency response (in accordance to EN-IEC 61000-4-3, under RvA accreditation)**

**Orientation and reading:** The calibrated axis is aligned with the field, and the isotropic reading is taken from the probe.

**Measured level(s):** 20 V/m nominal

**Measured frequency points:** 20 MHz – 100 MHz in 10 MHz steps  
100 MHz – 1 GHz in 50 MHz steps  
1 GHz – 6 GHz in 200 MHz steps  
6 GHz – 18 GHz in 500 MHz steps

**Anisotropy (in accordance to IEEE-std 1309, not accredited)**

**Orientation and reading:** The probe is rotated over 360° in steps of 10°. Both isotropic and individual axis readings are reported.

**Measured level(s):** 20 V/m nominal

**Measured frequency points:** 1 GHz  
2 GHz  
4 GHz  
8 GHz  
16 GHz  
18 GHz

**Service code definition for E-field probes:**

[AFP] [model number] [\*2]

[AFP] = **A**ccredited **F**ield **P**robe Calibration

[model number] = model number of the probe to be calibrated

[\*2] = Calibration including adjustment (two calibration reports)

Examples:

|                                                                                                                             |            |
|-----------------------------------------------------------------------------------------------------------------------------|------------|
| Single accredited calibration code for RSS2010I probe                                                                       | AFP2010I   |
| Accredited calibration including adjustment, according to EN ISO/IEC 17025 (calibration report before and after adjustment) | AFP2010I*2 |
| Single accredited calibration code for RSS2040S probe                                                                       | AFP2040S   |
| Accredited calibration including adjustment, according to EN ISO/IEC 17025 (calibration report before and after adjustment) | AFP2040S*2 |