

Service code: **AFP2040S**
Frequency range: 10 MHz – 40 GHz

Applicable to model(s): RSS2040S

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 ± 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: 10 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
18 GHz – 40 GHz in 2 GHz 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
32 GHz
40 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