

## Frequency Response, H-field, Channel 1

| f/(Hz)   | H-field/(A/m) Applied |      |      | H-field/(A/m) Reading |      |      | Difference/(dB) |       |       | Tolerance/(dB) |
|----------|-----------------------|------|------|-----------------------|------|------|-----------------|-------|-------|----------------|
|          | x                     | y    | z    | x                     | y    | z    | x               | y     | z     |                |
| 3000     | 1.49                  | 1.49 | 1.49 | 1.49                  | 1.48 | 1.49 | 0.00            | -0.06 | 0.00  | ±0.3           |
| 3200     | 1.49                  | 1.49 | 1.48 | 1.48                  | 1.50 | 1.51 | -0.06           | 0.06  | 0.17  | ±0.3           |
| 4000     | 1.48                  | 1.48 | 1.48 | 1.47                  | 1.48 | 1.48 | -0.06           | 0.00  | 0.00  | ±0.3           |
| 5200     | 1.47                  | 1.47 | 1.47 | 1.47                  | 1.48 | 1.47 | 0.00            | 0.06  | 0.00  | ±0.3           |
| 6600     | 1.46                  | 1.46 | 1.46 | 1.45                  | 1.46 | 1.46 | -0.06           | 0.00  | 0.00  | ±0.3           |
| 8200     | 1.45                  | 1.45 | 1.45 | 1.45                  | 1.45 | 1.45 | 0.00            | 0.00  | 0.00  | ±0.3           |
| 9000     | 1.45                  | 1.45 | 1.44 | 1.45                  | 1.44 | 1.44 | 0.00            | -0.06 | 0.00  | ±0.3           |
| 10600    | 4.39                  | 4.31 | 4.30 | 4.41                  | 4.30 | 4.30 | 0.04            | -0.02 | 0.00  | ±0.3           |
| 13400    | 4.41                  | 4.37 | 4.36 | 4.41                  | 4.37 | 4.37 | 0.00            | 0.00  | 0.02  | ±0.3           |
| 17000    | 4.41                  | 4.36 | 4.35 | 4.41                  | 4.35 | 4.36 | 0.00            | -0.02 | 0.02  | ±0.3           |
| 21400    | 4.43                  | 4.38 | 4.37 | 4.43                  | 4.39 | 4.38 | 0.00            | 0.02  | 0.02  | ±0.3           |
| 27200    | 4.43                  | 4.38 | 4.37 | 4.42                  | 4.38 | 4.37 | -0.02           | 0.00  | 0.00  | ±0.3           |
| 34400    | 4.42                  | 4.39 | 4.38 | 4.42                  | 4.39 | 4.40 | 0.00            | 0.00  | 0.04  | ±0.3           |
| 40000    | 4.42                  | 4.38 | 4.38 | 4.42                  | 4.39 | 4.38 | 0.00            | 0.02  | 0.00  | ±0.3           |
| 43600    | 4.41                  | 4.38 | 4.37 | 4.41                  | 4.37 | 4.38 | 0.00            | -0.02 | 0.02  | ±0.3           |
| 55400    | 4.39                  | 4.36 | 4.36 | 4.40                  | 4.37 | 4.34 | 0.02            | 0.02  | -0.04 | ±0.3           |
| 70000    | 4.38                  | 4.35 | 4.35 | 4.39                  | 4.36 | 4.36 | 0.02            | 0.02  | 0.02  | ±0.3           |
| 88800    | 4.37                  | 4.34 | 4.33 | 4.37                  | 4.34 | 4.34 | 0.00            | 0.00  | 0.02  | ±0.3           |
| 112400   | 4.36                  | 4.33 | 4.32 | 4.36                  | 4.33 | 4.34 | 0.00            | 0.00  | 0.04  | ±0.3           |
| 142400   | 4.33                  | 4.31 | 4.30 | 4.34                  | 4.32 | 4.31 | 0.02            | 0.02  | 0.02  | ±0.3           |
| 161750   | 4.32                  | 4.29 | 4.29 | 4.32                  | 4.30 | 4.29 | 0.00            | 0.02  | 0.00  | ±0.3           |
| 180400   | 4.30                  | 4.28 | 4.28 | 4.31                  | 4.29 | 4.28 | 0.02            | 0.02  | 0.00  | ±0.3           |
| 228400   | 4.27                  | 4.25 | 4.24 | 4.28                  | 4.25 | 4.25 | 0.02            | 0.00  | 0.02  | ±0.3           |
| 289400   | 4.23                  | 4.21 | 4.21 | 4.24                  | 4.22 | 4.21 | 0.02            | 0.02  | 0.00  | ±0.3           |
| 366400   | 4.19                  | 4.17 | 4.17 | 4.20                  | 4.17 | 4.17 | 0.02            | 0.00  | 0.00  | ±0.3           |
| 400000   | 4.17                  | 4.15 | 4.15 | 4.18                  | 4.17 | 4.16 | 0.02            | 0.04  | 0.02  | ±0.3           |
| 464000   | 4.14                  | 4.12 | 4.12 | 4.15                  | 4.13 | 4.12 | 0.02            | 0.02  | 0.00  | ±0.3           |
| 587800   | 4.10                  | 4.08 | 4.08 | 4.10                  | 4.09 | 4.09 | 0.00            | 0.02  | 0.02  | ±0.3           |
| 744200   | 4.05                  | 4.03 | 4.03 | 4.05                  | 4.05 | 4.05 | 0.00            | 0.04  | 0.04  | ±0.3           |
| 942600   | 4.03                  | 4.02 | 4.01 | 4.04                  | 4.02 | 4.01 | 0.02            | 0.00  | 0.00  | ±0.3           |
| 1193600  | 4.00                  | 3.99 | 3.99 | 4.01                  | 4.00 | 3.99 | 0.02            | 0.02  | 0.00  | ±0.3           |
| 1511600  | 3.99                  | 3.98 | 3.98 | 4.00                  | 3.98 | 3.98 | 0.02            | 0.00  | 0.00  | ±0.3           |
| 1914400  | 3.98                  | 3.96 | 3.96 | 3.99                  | 3.96 | 3.96 | 0.02            | 0.00  | 0.00  | ±0.3           |
| 2424400  | 3.96                  | 3.94 | 3.94 | 3.96                  | 3.94 | 3.95 | 0.00            | 0.00  | 0.02  | ±0.3           |
| 3070200  | 3.94                  | 3.92 | 3.92 | 3.94                  | 3.92 | 3.93 | 0.00            | 0.00  | 0.02  | ±0.3           |
| 3888000  | 3.89                  | 3.87 | 3.87 | 3.89                  | 3.88 | 3.87 | 0.00            | 0.02  | 0.00  | ±0.3           |
| 4000000  | 3.88                  | 3.86 | 3.86 | 3.89                  | 3.86 | 3.83 | 0.02            | 0.00  | -0.07 | ±0.3           |
| 4923800  | 3.81                  | 3.80 | 3.80 | 3.82                  | 3.80 | 3.80 | 0.02            | 0.00  | 0.00  | ±0.3           |
| 6235400  | 3.69                  | 3.67 | 3.67 | 3.69                  | 3.67 | 3.68 | 0.00            | 0.00  | 0.02  | ±0.3           |
| 7896400  | 3.57                  | 3.55 | 3.55 | 3.57                  | 3.54 | 3.57 | 0.00            | -0.02 | 0.05  | ±0.3           |
| 10000000 | 3.44                  | 3.42 | 3.42 | 3.48                  | 3.44 | 3.42 | 0.10            | 0.05  | 0.00  | ±0.3           |

SPEAG H-field frequency response tolerance criteria<sup>1</sup>:  
±0.3dB for applied H-fields at calibration points from 3kHz to 10MHz

<sup>1</sup> Calibration uncertainty not taken into account (shared risk 50%).

## Frequency Response, H-field, Channel 2

| f/(Hz)   | H-field/(A/m) Applied |      |      | H-field/(A/m) Reading |      |      | Difference/(dB) |       |       | Tolerance/(dB) |
|----------|-----------------------|------|------|-----------------------|------|------|-----------------|-------|-------|----------------|
|          | x                     | y    | z    | x                     | y    | z    | x               | y     | z     |                |
| 3000     | 1.49                  | 1.49 | 1.49 | 1.50                  | 1.48 | 1.49 | 0.06            | -0.06 | 0.00  | ±0.3           |
| 3200     | 1.49                  | 1.49 | 1.48 | 1.48                  | 1.50 | 1.50 | -0.06           | 0.06  | 0.12  | ±0.3           |
| 4000     | 1.48                  | 1.48 | 1.48 | 1.48                  | 1.47 | 1.47 | 0.00            | -0.06 | -0.06 | ±0.3           |
| 5200     | 1.47                  | 1.47 | 1.47 | 1.48                  | 1.48 | 1.46 | 0.06            | 0.06  | -0.06 | ±0.3           |
| 6600     | 1.46                  | 1.46 | 1.46 | 1.46                  | 1.46 | 1.46 | 0.00            | 0.00  | 0.00  | ±0.3           |
| 8200     | 1.45                  | 1.45 | 1.45 | 1.46                  | 1.45 | 1.45 | 0.06            | 0.00  | 0.00  | ±0.3           |
| 9000     | 1.45                  | 1.45 | 1.44 | 1.44                  | 1.44 | 1.45 | -0.06           | -0.06 | 0.06  | ±0.3           |
| 10600    | 4.39                  | 4.31 | 4.30 | 4.43                  | 4.33 | 4.29 | 0.08            | 0.04  | -0.02 | ±0.3           |
| 13400    | 4.41                  | 4.37 | 4.36 | 4.43                  | 4.36 | 4.37 | 0.04            | -0.02 | 0.02  | ±0.3           |
| 17000    | 4.41                  | 4.36 | 4.35 | 4.40                  | 4.36 | 4.35 | -0.02           | 0.00  | 0.00  | ±0.3           |
| 21400    | 4.43                  | 4.38 | 4.37 | 4.42                  | 4.37 | 4.38 | -0.02           | -0.02 | 0.02  | ±0.3           |
| 27200    | 4.43                  | 4.38 | 4.37 | 4.44                  | 4.38 | 4.37 | 0.02            | 0.00  | 0.00  | ±0.3           |
| 34400    | 4.42                  | 4.39 | 4.38 | 4.43                  | 4.39 | 4.38 | 0.02            | 0.00  | 0.00  | ±0.3           |
| 40000    | 4.42                  | 4.38 | 4.38 | 4.42                  | 4.38 | 4.38 | 0.00            | 0.00  | 0.00  | ±0.3           |
| 43600    | 4.41                  | 4.38 | 4.37 | 4.41                  | 4.39 | 4.38 | 0.00            | 0.02  | 0.02  | ±0.3           |
| 55400    | 4.39                  | 4.36 | 4.36 | 4.40                  | 4.37 | 4.33 | 0.02            | 0.02  | -0.06 | ±0.3           |
| 70000    | 4.38                  | 4.35 | 4.35 | 4.39                  | 4.36 | 4.34 | 0.02            | 0.02  | -0.02 | ±0.3           |
| 88800    | 4.37                  | 4.34 | 4.33 | 4.38                  | 4.34 | 4.34 | 0.02            | 0.00  | 0.02  | ±0.3           |
| 112400   | 4.36                  | 4.33 | 4.32 | 4.37                  | 4.33 | 4.33 | 0.02            | 0.00  | 0.02  | ±0.3           |
| 142400   | 4.33                  | 4.31 | 4.30 | 4.34                  | 4.32 | 4.30 | 0.02            | 0.02  | 0.00  | ±0.3           |
| 161750   | 4.32                  | 4.29 | 4.29 | 4.33                  | 4.30 | 4.30 | 0.02            | 0.02  | 0.02  | ±0.3           |
| 180400   | 4.30                  | 4.28 | 4.28 | 4.31                  | 4.29 | 4.28 | 0.02            | 0.02  | 0.00  | ±0.3           |
| 228400   | 4.27                  | 4.25 | 4.24 | 4.28                  | 4.25 | 4.25 | 0.02            | 0.00  | 0.02  | ±0.3           |
| 289400   | 4.23                  | 4.21 | 4.21 | 4.24                  | 4.21 | 4.21 | 0.02            | 0.00  | 0.00  | ±0.3           |
| 366400   | 4.19                  | 4.17 | 4.17 | 4.20                  | 4.17 | 4.17 | 0.02            | 0.00  | 0.00  | ±0.3           |
| 400000   | 4.17                  | 4.15 | 4.15 | 4.18                  | 4.17 | 4.15 | 0.02            | 0.04  | 0.00  | ±0.3           |
| 464000   | 4.14                  | 4.12 | 4.12 | 4.15                  | 4.13 | 4.12 | 0.02            | 0.02  | 0.00  | ±0.3           |
| 587800   | 4.10                  | 4.08 | 4.08 | 4.10                  | 4.09 | 4.09 | 0.00            | 0.02  | 0.02  | ±0.3           |
| 744200   | 4.05                  | 4.03 | 4.03 | 4.05                  | 4.04 | 4.04 | 0.00            | 0.02  | 0.02  | ±0.3           |
| 942600   | 4.03                  | 4.02 | 4.01 | 4.05                  | 4.02 | 4.01 | 0.04            | 0.00  | 0.00  | ±0.3           |
| 1193600  | 4.00                  | 3.99 | 3.99 | 4.01                  | 4.00 | 3.99 | 0.02            | 0.02  | 0.00  | ±0.3           |
| 1511600  | 3.99                  | 3.98 | 3.98 | 4.00                  | 3.98 | 3.98 | 0.02            | 0.00  | 0.00  | ±0.3           |
| 1914400  | 3.98                  | 3.96 | 3.96 | 3.99                  | 3.96 | 3.96 | 0.02            | 0.00  | 0.00  | ±0.3           |
| 2424400  | 3.96                  | 3.94 | 3.94 | 3.98                  | 3.95 | 3.94 | 0.04            | 0.02  | 0.00  | ±0.3           |
| 3070200  | 3.94                  | 3.92 | 3.92 | 3.96                  | 3.92 | 3.92 | 0.04            | 0.00  | 0.00  | ±0.3           |
| 3888000  | 3.89                  | 3.87 | 3.87 | 3.89                  | 3.88 | 3.87 | 0.00            | 0.02  | 0.00  | ±0.3           |
| 4000000  | 3.88                  | 3.86 | 3.86 | 3.89                  | 3.87 | 3.86 | 0.02            | 0.02  | 0.00  | ±0.3           |
| 4923800  | 3.81                  | 3.80 | 3.80 | 3.82                  | 3.80 | 3.81 | 0.02            | 0.00  | 0.02  | ±0.3           |
| 6235400  | 3.69                  | 3.67 | 3.67 | 3.69                  | 3.68 | 3.67 | 0.00            | 0.02  | 0.00  | ±0.3           |
| 7896400  | 3.57                  | 3.55 | 3.55 | 3.56                  | 3.57 | 3.55 | -0.02           | 0.05  | 0.00  | ±0.3           |
| 10000000 | 3.44                  | 3.42 | 3.42 | 3.48                  | 3.46 | 3.44 | 0.10            | 0.10  | 0.05  | ±0.3           |

SPEAG H-field frequency response tolerance criteria<sup>1</sup>:  
±0.3dB for applied H-fields at calibration points from 3kHz to 10MHz

<sup>1</sup> Calibration uncertainty not taken into account (shared risk 50%).

### Frequency Response, H-field, Channel 3

| f/(Hz)   | H-field/(A/m) Applied |      |      | H-field/(A/m) Reading |      |      | Difference/(dB) |       |       | Tolerance/(dB) |
|----------|-----------------------|------|------|-----------------------|------|------|-----------------|-------|-------|----------------|
|          | x                     | y    | z    | x                     | y    | z    | x               | y     | z     |                |
| 3000     | 1.49                  | 1.49 | 1.49 | 1.49                  | 1.49 | 1.49 | 0.00            | 0.00  | 0.00  | ±0.3           |
| 3200     | 1.49                  | 1.49 | 1.48 | 1.48                  | 1.50 | 1.51 | -0.06           | 0.06  | 0.17  | ±0.3           |
| 4000     | 1.48                  | 1.48 | 1.48 | 1.48                  | 1.48 | 1.48 | 0.00            | 0.00  | 0.00  | ±0.3           |
| 5200     | 1.47                  | 1.47 | 1.47 | 1.47                  | 1.48 | 1.46 | 0.00            | 0.06  | -0.06 | ±0.3           |
| 6600     | 1.46                  | 1.46 | 1.46 | 1.45                  | 1.47 | 1.46 | -0.06           | 0.06  | 0.00  | ±0.3           |
| 8200     | 1.45                  | 1.45 | 1.45 | 1.45                  | 1.45 | 1.45 | 0.00            | 0.00  | 0.00  | ±0.3           |
| 9000     | 1.45                  | 1.45 | 1.44 | 1.44                  | 1.44 | 1.44 | -0.06           | -0.06 | 0.00  | ±0.3           |
| 10600    | 4.39                  | 4.31 | 4.30 | 4.38                  | 4.32 | 4.33 | -0.02           | 0.02  | 0.06  | ±0.3           |
| 13400    | 4.41                  | 4.37 | 4.36 | 4.40                  | 4.38 | 4.34 | -0.02           | 0.02  | -0.04 | ±0.3           |
| 17000    | 4.41                  | 4.36 | 4.35 | 4.41                  | 4.35 | 4.35 | 0.00            | -0.02 | 0.00  | ±0.3           |
| 21400    | 4.43                  | 4.38 | 4.37 | 4.45                  | 4.38 | 4.37 | 0.04            | 0.00  | 0.00  | ±0.3           |
| 27200    | 4.43                  | 4.38 | 4.37 | 4.44                  | 4.38 | 4.37 | 0.02            | 0.00  | 0.00  | ±0.3           |
| 34400    | 4.42                  | 4.39 | 4.38 | 4.44                  | 4.38 | 4.38 | 0.04            | -0.02 | 0.00  | ±0.3           |
| 40000    | 4.42                  | 4.38 | 4.38 | 4.43                  | 4.39 | 4.38 | 0.02            | 0.02  | 0.00  | ±0.3           |
| 43600    | 4.41                  | 4.38 | 4.37 | 4.41                  | 4.40 | 4.36 | 0.00            | 0.04  | -0.02 | ±0.3           |
| 55400    | 4.39                  | 4.36 | 4.36 | 4.41                  | 4.37 | 4.33 | 0.04            | 0.02  | -0.06 | ±0.3           |
| 70000    | 4.38                  | 4.35 | 4.35 | 4.39                  | 4.36 | 4.35 | 0.02            | 0.02  | 0.00  | ±0.3           |
| 88800    | 4.37                  | 4.34 | 4.33 | 4.38                  | 4.35 | 4.33 | 0.02            | 0.02  | 0.00  | ±0.3           |
| 112400   | 4.36                  | 4.33 | 4.32 | 4.36                  | 4.33 | 4.32 | 0.00            | 0.00  | 0.00  | ±0.3           |
| 142400   | 4.33                  | 4.31 | 4.30 | 4.34                  | 4.32 | 4.30 | 0.02            | 0.02  | 0.00  | ±0.3           |
| 161750   | 4.32                  | 4.29 | 4.29 | 4.32                  | 4.30 | 4.29 | 0.00            | 0.02  | 0.00  | ±0.3           |
| 180400   | 4.30                  | 4.28 | 4.28 | 4.31                  | 4.29 | 4.28 | 0.02            | 0.02  | 0.00  | ±0.3           |
| 228400   | 4.27                  | 4.25 | 4.24 | 4.29                  | 4.25 | 4.24 | 0.04            | 0.00  | 0.00  | ±0.3           |
| 289400   | 4.23                  | 4.21 | 4.21 | 4.24                  | 4.22 | 4.21 | 0.02            | 0.02  | 0.00  | ±0.3           |
| 366400   | 4.19                  | 4.17 | 4.17 | 4.21                  | 4.19 | 4.17 | 0.04            | 0.04  | 0.00  | ±0.3           |
| 400000   | 4.17                  | 4.15 | 4.15 | 4.18                  | 4.18 | 4.15 | 0.02            | 0.06  | 0.00  | ±0.3           |
| 464000   | 4.14                  | 4.12 | 4.12 | 4.15                  | 4.14 | 4.12 | 0.02            | 0.04  | 0.00  | ±0.3           |
| 587800   | 4.10                  | 4.08 | 4.08 | 4.11                  | 4.09 | 4.08 | 0.02            | 0.02  | 0.00  | ±0.3           |
| 744200   | 4.05                  | 4.03 | 4.03 | 4.05                  | 4.04 | 4.03 | 0.00            | 0.02  | 0.00  | ±0.3           |
| 942600   | 4.03                  | 4.02 | 4.01 | 4.04                  | 4.02 | 4.01 | 0.02            | 0.00  | 0.00  | ±0.3           |
| 1193600  | 4.00                  | 3.99 | 3.99 | 4.02                  | 4.00 | 3.99 | 0.04            | 0.02  | 0.00  | ±0.3           |
| 1511600  | 3.99                  | 3.98 | 3.98 | 4.00                  | 3.99 | 3.97 | 0.02            | 0.02  | -0.02 | ±0.3           |
| 1914400  | 3.98                  | 3.96 | 3.96 | 3.98                  | 3.96 | 3.96 | 0.00            | 0.00  | 0.00  | ±0.3           |
| 2424400  | 3.96                  | 3.94 | 3.94 | 3.97                  | 3.95 | 3.95 | 0.02            | 0.02  | 0.02  | ±0.3           |
| 3070200  | 3.94                  | 3.92 | 3.92 | 3.94                  | 3.92 | 3.92 | 0.00            | 0.00  | 0.00  | ±0.3           |
| 3888000  | 3.89                  | 3.87 | 3.87 | 3.89                  | 3.87 | 3.87 | 0.00            | 0.00  | 0.00  | ±0.3           |
| 4000000  | 3.88                  | 3.86 | 3.86 | 3.88                  | 3.86 | 3.84 | 0.00            | 0.00  | -0.05 | ±0.3           |
| 4923800  | 3.81                  | 3.80 | 3.80 | 3.82                  | 3.80 | 3.80 | 0.02            | 0.00  | 0.00  | ±0.3           |
| 6235400  | 3.69                  | 3.67 | 3.67 | 3.70                  | 3.68 | 3.67 | 0.02            | 0.02  | 0.00  | ±0.3           |
| 7896400  | 3.57                  | 3.55 | 3.55 | 3.59                  | 3.53 | 3.55 | 0.05            | -0.05 | 0.00  | ±0.3           |
| 10000000 | 3.44                  | 3.42 | 3.42 | 3.41                  | 3.38 | 3.42 | -0.08           | -0.10 | 0.00  | ±0.3           |

SPEAG H-field frequency response tolerance criteria<sup>1</sup>:  
±0.3dB for applied H-fields at calibration points from 3kHz to 10MHz

<sup>1</sup> Calibration uncertainty not taken into account (shared risk 50%).

## Frequency Response, H-field, Channel 4

| f/(Hz)   | H-field/(A/m) Applied |      |      | H-field/(A/m) Reading |      |      | Difference/(dB) |       |       | Tolerance/(dB) |
|----------|-----------------------|------|------|-----------------------|------|------|-----------------|-------|-------|----------------|
|          | x                     | y    | z    | x                     | y    | z    | x               | y     | z     |                |
| 3000     | 1.49                  | 1.49 | 1.49 | 1.49                  | 1.48 | 1.52 | 0.00            | -0.06 | 0.17  | ±0.3           |
| 3200     | 1.49                  | 1.49 | 1.48 | 1.47                  | 1.51 | 1.52 | -0.12           | 0.12  | 0.23  | ±0.3           |
| 4000     | 1.48                  | 1.48 | 1.48 | 1.48                  | 1.48 | 1.49 | 0.00            | 0.00  | 0.06  | ±0.3           |
| 5200     | 1.47                  | 1.47 | 1.47 | 1.48                  | 1.48 | 1.47 | 0.06            | 0.06  | 0.00  | ±0.3           |
| 6600     | 1.46                  | 1.46 | 1.46 | 1.46                  | 1.46 | 1.46 | 0.00            | 0.00  | 0.00  | ±0.3           |
| 8200     | 1.45                  | 1.45 | 1.45 | 1.45                  | 1.45 | 1.45 | 0.00            | 0.00  | 0.00  | ±0.3           |
| 9000     | 1.45                  | 1.45 | 1.44 | 1.45                  | 1.44 | 1.45 | 0.00            | -0.06 | 0.06  | ±0.3           |
| 10600    | 4.39                  | 4.31 | 4.30 | 4.37                  | 4.30 | 4.29 | -0.04           | -0.02 | -0.02 | ±0.3           |
| 13400    | 4.41                  | 4.37 | 4.36 | 4.40                  | 4.36 | 4.36 | -0.02           | -0.02 | 0.00  | ±0.3           |
| 17000    | 4.41                  | 4.36 | 4.35 | 4.39                  | 4.38 | 4.36 | -0.04           | 0.04  | 0.02  | ±0.3           |
| 21400    | 4.43                  | 4.38 | 4.37 | 4.44                  | 4.40 | 4.37 | 0.02            | 0.04  | 0.00  | ±0.3           |
| 27200    | 4.43                  | 4.38 | 4.37 | 4.43                  | 4.39 | 4.38 | 0.00            | 0.02  | 0.02  | ±0.3           |
| 34400    | 4.42                  | 4.39 | 4.38 | 4.42                  | 4.39 | 4.38 | 0.00            | 0.00  | 0.00  | ±0.3           |
| 40000    | 4.42                  | 4.38 | 4.38 | 4.42                  | 4.38 | 4.38 | 0.00            | 0.00  | 0.00  | ±0.3           |
| 43600    | 4.41                  | 4.38 | 4.37 | 4.41                  | 4.38 | 4.37 | 0.00            | 0.00  | 0.00  | ±0.3           |
| 55400    | 4.39                  | 4.36 | 4.36 | 4.40                  | 4.36 | 4.33 | 0.02            | 0.00  | -0.06 | ±0.3           |
| 70000    | 4.38                  | 4.35 | 4.35 | 4.40                  | 4.34 | 4.36 | 0.04            | -0.02 | 0.02  | ±0.3           |
| 88800    | 4.37                  | 4.34 | 4.33 | 4.37                  | 4.33 | 4.34 | 0.00            | -0.02 | 0.02  | ±0.3           |
| 112400   | 4.36                  | 4.33 | 4.32 | 4.36                  | 4.34 | 4.33 | 0.00            | 0.02  | 0.02  | ±0.3           |
| 142400   | 4.33                  | 4.31 | 4.30 | 4.34                  | 4.31 | 4.31 | 0.02            | 0.00  | 0.02  | ±0.3           |
| 161750   | 4.32                  | 4.29 | 4.29 | 4.32                  | 4.29 | 4.29 | 0.00            | 0.00  | 0.00  | ±0.3           |
| 180400   | 4.30                  | 4.28 | 4.28 | 4.32                  | 4.28 | 4.28 | 0.04            | 0.00  | 0.00  | ±0.3           |
| 228400   | 4.27                  | 4.25 | 4.24 | 4.28                  | 4.26 | 4.25 | 0.02            | 0.02  | 0.02  | ±0.3           |
| 289400   | 4.23                  | 4.21 | 4.21 | 4.24                  | 4.21 | 4.21 | 0.02            | 0.00  | 0.00  | ±0.3           |
| 366400   | 4.19                  | 4.17 | 4.17 | 4.20                  | 4.17 | 4.17 | 0.02            | 0.00  | 0.00  | ±0.3           |
| 400000   | 4.17                  | 4.15 | 4.15 | 4.18                  | 4.12 | 4.16 | 0.02            | -0.06 | 0.02  | ±0.3           |
| 464000   | 4.14                  | 4.12 | 4.12 | 4.15                  | 4.13 | 4.12 | 0.02            | 0.02  | 0.00  | ±0.3           |
| 587800   | 4.10                  | 4.08 | 4.08 | 4.11                  | 4.08 | 4.09 | 0.02            | 0.00  | 0.02  | ±0.3           |
| 744200   | 4.05                  | 4.03 | 4.03 | 4.05                  | 4.01 | 4.04 | 0.00            | -0.04 | 0.02  | ±0.3           |
| 942600   | 4.03                  | 4.02 | 4.01 | 4.04                  | 4.03 | 4.01 | 0.02            | 0.02  | 0.00  | ±0.3           |
| 1193600  | 4.00                  | 3.99 | 3.99 | 4.02                  | 4.00 | 3.99 | 0.04            | 0.02  | 0.00  | ±0.3           |
| 1511600  | 3.99                  | 3.98 | 3.98 | 4.01                  | 3.98 | 3.97 | 0.04            | 0.00  | -0.02 | ±0.3           |
| 1914400  | 3.98                  | 3.96 | 3.96 | 3.98                  | 3.97 | 3.97 | 0.00            | 0.02  | 0.02  | ±0.3           |
| 2424400  | 3.96                  | 3.94 | 3.94 | 3.97                  | 3.95 | 3.95 | 0.02            | 0.02  | 0.02  | ±0.3           |
| 3070200  | 3.94                  | 3.92 | 3.92 | 3.94                  | 3.92 | 3.93 | 0.00            | 0.00  | 0.02  | ±0.3           |
| 3888000  | 3.89                  | 3.87 | 3.87 | 3.89                  | 3.87 | 3.87 | 0.00            | 0.00  | 0.00  | ±0.3           |
| 4000000  | 3.88                  | 3.86 | 3.86 | 3.88                  | 3.86 | 3.83 | 0.00            | 0.00  | -0.07 | ±0.3           |
| 4923800  | 3.81                  | 3.80 | 3.80 | 3.82                  | 3.80 | 3.80 | 0.02            | 0.00  | 0.00  | ±0.3           |
| 6235400  | 3.69                  | 3.67 | 3.67 | 3.72                  | 3.67 | 3.67 | 0.07            | 0.00  | 0.00  | ±0.3           |
| 7896400  | 3.57                  | 3.55 | 3.55 | 3.59                  | 3.55 | 3.54 | 0.05            | 0.00  | -0.02 | ±0.3           |
| 10000000 | 3.44                  | 3.42 | 3.42 | 3.42                  | 3.43 | 3.45 | -0.05           | 0.03  | 0.08  | ±0.3           |

SPEAG H-field frequency response tolerance criteria<sup>1</sup>:  
±0.3dB for applied H-fields at calibration points from 3kHz to 10MHz

<sup>1</sup> Calibration uncertainty not taken into account (shared risk 50%).

## Frequency Response, H-field, Channel 5

| f/(Hz)   | H-field/(A/m) Applied |      |      | H-field/(A/m) Reading |      |      | Difference/(dB) |       |       | Tolerance/(dB) |
|----------|-----------------------|------|------|-----------------------|------|------|-----------------|-------|-------|----------------|
|          | x                     | y    | z    | x                     | y    | z    | x               | y     | z     |                |
| 3000     | 1.49                  | 1.49 | 1.49 | 1.49                  | 1.49 | 1.48 | 0.00            | 0.00  | -0.06 | ±0.3           |
| 3200     | 1.49                  | 1.49 | 1.48 | 1.48                  | 1.50 | 1.51 | -0.06           | 0.06  | 0.17  | ±0.3           |
| 4000     | 1.48                  | 1.48 | 1.48 | 1.48                  | 1.48 | 1.48 | 0.00            | 0.00  | 0.00  | ±0.3           |
| 5200     | 1.47                  | 1.47 | 1.47 | 1.47                  | 1.48 | 1.47 | 0.00            | 0.06  | 0.00  | ±0.3           |
| 6600     | 1.46                  | 1.46 | 1.46 | 1.46                  | 1.46 | 1.46 | 0.00            | 0.00  | 0.00  | ±0.3           |
| 8200     | 1.45                  | 1.45 | 1.45 | 1.45                  | 1.45 | 1.45 | 0.00            | 0.00  | 0.00  | ±0.3           |
| 9000     | 1.45                  | 1.45 | 1.44 | 1.45                  | 1.44 | 1.44 | 0.00            | -0.06 | 0.00  | ±0.3           |
| 10600    | 4.39                  | 4.31 | 4.30 | 4.43                  | 4.33 | 4.29 | 0.08            | 0.04  | -0.02 | ±0.3           |
| 13400    | 4.41                  | 4.37 | 4.36 | 4.41                  | 4.37 | 4.35 | 0.00            | 0.00  | -0.02 | ±0.3           |
| 17000    | 4.41                  | 4.36 | 4.35 | 4.41                  | 4.36 | 4.34 | 0.00            | 0.00  | -0.02 | ±0.3           |
| 21400    | 4.43                  | 4.38 | 4.37 | 4.45                  | 4.38 | 4.39 | 0.04            | 0.00  | 0.04  | ±0.3           |
| 27200    | 4.43                  | 4.38 | 4.37 | 4.44                  | 4.38 | 4.36 | 0.02            | 0.00  | -0.02 | ±0.3           |
| 34400    | 4.42                  | 4.39 | 4.38 | 4.43                  | 4.39 | 4.38 | 0.02            | 0.00  | 0.00  | ±0.3           |
| 40000    | 4.42                  | 4.38 | 4.38 | 4.42                  | 4.39 | 4.39 | 0.00            | 0.02  | 0.02  | ±0.3           |
| 43600    | 4.41                  | 4.38 | 4.37 | 4.42                  | 4.38 | 4.36 | 0.02            | 0.00  | -0.02 | ±0.3           |
| 55400    | 4.39                  | 4.36 | 4.36 | 4.41                  | 4.37 | 4.33 | 0.04            | 0.02  | -0.06 | ±0.3           |
| 70000    | 4.38                  | 4.35 | 4.35 | 4.40                  | 4.36 | 4.35 | 0.04            | 0.02  | 0.00  | ±0.3           |
| 88800    | 4.37                  | 4.34 | 4.33 | 4.38                  | 4.34 | 4.34 | 0.02            | 0.00  | 0.02  | ±0.3           |
| 112400   | 4.36                  | 4.33 | 4.32 | 4.37                  | 4.33 | 4.33 | 0.02            | 0.00  | 0.02  | ±0.3           |
| 142400   | 4.33                  | 4.31 | 4.30 | 4.34                  | 4.32 | 4.30 | 0.02            | 0.02  | 0.00  | ±0.3           |
| 161750   | 4.32                  | 4.29 | 4.29 | 4.33                  | 4.29 | 4.29 | 0.02            | 0.00  | 0.00  | ±0.3           |
| 180400   | 4.30                  | 4.28 | 4.28 | 4.32                  | 4.28 | 4.28 | 0.04            | 0.00  | 0.00  | ±0.3           |
| 228400   | 4.27                  | 4.25 | 4.24 | 4.27                  | 4.25 | 4.25 | 0.00            | 0.00  | 0.02  | ±0.3           |
| 289400   | 4.23                  | 4.21 | 4.21 | 4.25                  | 4.22 | 4.21 | 0.04            | 0.02  | 0.00  | ±0.3           |
| 366400   | 4.19                  | 4.17 | 4.17 | 4.20                  | 4.18 | 4.17 | 0.02            | 0.02  | 0.00  | ±0.3           |
| 400000   | 4.17                  | 4.15 | 4.15 | 4.18                  | 4.15 | 4.16 | 0.02            | 0.00  | 0.02  | ±0.3           |
| 464000   | 4.14                  | 4.12 | 4.12 | 4.15                  | 4.13 | 4.12 | 0.02            | 0.02  | 0.00  | ±0.3           |
| 587800   | 4.10                  | 4.08 | 4.08 | 4.11                  | 4.08 | 4.09 | 0.02            | 0.00  | 0.02  | ±0.3           |
| 744200   | 4.05                  | 4.03 | 4.03 | 4.05                  | 4.03 | 4.04 | 0.00            | 0.00  | 0.02  | ±0.3           |
| 942600   | 4.03                  | 4.02 | 4.01 | 4.04                  | 4.03 | 4.01 | 0.02            | 0.02  | 0.00  | ±0.3           |
| 1193600  | 4.00                  | 3.99 | 3.99 | 4.00                  | 4.00 | 3.99 | 0.00            | 0.02  | 0.00  | ±0.3           |
| 1511600  | 3.99                  | 3.98 | 3.98 | 4.00                  | 3.99 | 3.97 | 0.02            | 0.02  | -0.02 | ±0.3           |
| 1914400  | 3.98                  | 3.96 | 3.96 | 3.99                  | 3.96 | 3.96 | 0.02            | 0.00  | 0.00  | ±0.3           |
| 2424400  | 3.96                  | 3.94 | 3.94 | 3.97                  | 3.95 | 3.95 | 0.02            | 0.02  | 0.02  | ±0.3           |
| 3070200  | 3.94                  | 3.92 | 3.92 | 3.95                  | 3.92 | 3.92 | 0.02            | 0.00  | 0.00  | ±0.3           |
| 3888000  | 3.89                  | 3.87 | 3.87 | 3.90                  | 3.87 | 3.87 | 0.02            | 0.00  | 0.00  | ±0.3           |
| 4000000  | 3.88                  | 3.86 | 3.86 | 3.88                  | 3.87 | 3.85 | 0.00            | 0.02  | -0.02 | ±0.3           |
| 4923800  | 3.81                  | 3.80 | 3.80 | 3.83                  | 3.80 | 3.80 | 0.05            | 0.00  | 0.00  | ±0.3           |
| 6235400  | 3.69                  | 3.67 | 3.67 | 3.69                  | 3.67 | 3.67 | 0.00            | 0.00  | 0.00  | ±0.3           |
| 7896400  | 3.57                  | 3.55 | 3.55 | 3.57                  | 3.53 | 3.55 | 0.00            | -0.05 | 0.00  | ±0.3           |
| 10000000 | 3.44                  | 3.42 | 3.42 | 3.43                  | 3.44 | 3.47 | -0.03           | 0.05  | 0.13  | ±0.3           |

SPEAG H-field frequency response tolerance criteria<sup>1</sup>:  
±0.3dB for applied H-fields at calibration points from 3kHz to 10MHz

<sup>1</sup> Calibration uncertainty not taken into account (shared risk 50%).



## Frequency Response, H-field, Channel 6

| f/(Hz)   | H-field/(A/m) Applied |      |      | H-field/(A/m) Reading |      |      | Difference/(dB) |       |       | Tolerance/(dB) |
|----------|-----------------------|------|------|-----------------------|------|------|-----------------|-------|-------|----------------|
|          | x                     | y    | z    | x                     | y    | z    | x               | y     | z     |                |
| 3000     | 1.49                  | 1.49 | 1.49 | 1.48                  | 1.49 | 1.50 | -0.06           | 0.00  | 0.06  | ±0.3           |
| 3200     | 1.49                  | 1.49 | 1.48 | 1.49                  | 1.50 | 1.51 | 0.00            | 0.06  | 0.17  | ±0.3           |
| 4000     | 1.48                  | 1.48 | 1.48 | 1.48                  | 1.48 | 1.48 | 0.00            | 0.00  | 0.00  | ±0.3           |
| 5200     | 1.47                  | 1.47 | 1.47 | 1.47                  | 1.47 | 1.47 | 0.00            | 0.00  | 0.00  | ±0.3           |
| 6600     | 1.46                  | 1.46 | 1.46 | 1.46                  | 1.46 | 1.46 | 0.00            | 0.00  | 0.00  | ±0.3           |
| 8200     | 1.45                  | 1.45 | 1.45 | 1.45                  | 1.45 | 1.45 | 0.00            | 0.00  | 0.00  | ±0.3           |
| 9000     | 1.45                  | 1.45 | 1.44 | 1.44                  | 1.44 | 1.44 | -0.06           | -0.06 | 0.00  | ±0.3           |
| 10600    | 4.39                  | 4.31 | 4.30 | 4.34                  | 4.33 | 4.28 | -0.10           | 0.04  | -0.04 | ±0.3           |
| 13400    | 4.41                  | 4.37 | 4.36 | 4.41                  | 4.37 | 4.36 | 0.00            | 0.00  | 0.00  | ±0.3           |
| 17000    | 4.41                  | 4.36 | 4.35 | 4.42                  | 4.36 | 4.36 | 0.02            | 0.00  | 0.02  | ±0.3           |
| 21400    | 4.43                  | 4.38 | 4.37 | 4.44                  | 4.38 | 4.37 | 0.02            | 0.00  | 0.00  | ±0.3           |
| 27200    | 4.43                  | 4.38 | 4.37 | 4.44                  | 4.38 | 4.38 | 0.02            | 0.00  | 0.02  | ±0.3           |
| 34400    | 4.42                  | 4.39 | 4.38 | 4.42                  | 4.39 | 4.38 | 0.00            | 0.00  | 0.00  | ±0.3           |
| 40000    | 4.42                  | 4.38 | 4.38 | 4.42                  | 4.38 | 4.38 | 0.00            | 0.00  | 0.00  | ±0.3           |
| 43600    | 4.41                  | 4.38 | 4.37 | 4.40                  | 4.39 | 4.38 | -0.02           | 0.02  | 0.02  | ±0.3           |
| 55400    | 4.39                  | 4.36 | 4.36 | 4.40                  | 4.37 | 4.33 | 0.02            | 0.02  | -0.06 | ±0.3           |
| 70000    | 4.38                  | 4.35 | 4.35 | 4.39                  | 4.37 | 4.35 | 0.02            | 0.04  | 0.00  | ±0.3           |
| 88800    | 4.37                  | 4.34 | 4.33 | 4.37                  | 4.35 | 4.33 | 0.00            | 0.02  | 0.00  | ±0.3           |
| 112400   | 4.36                  | 4.33 | 4.32 | 4.36                  | 4.33 | 4.33 | 0.00            | 0.00  | 0.02  | ±0.3           |
| 142400   | 4.33                  | 4.31 | 4.30 | 4.34                  | 4.32 | 4.31 | 0.02            | 0.02  | 0.02  | ±0.3           |
| 161750   | 4.32                  | 4.29 | 4.29 | 4.32                  | 4.30 | 4.29 | 0.00            | 0.02  | 0.00  | ±0.3           |
| 180400   | 4.30                  | 4.28 | 4.28 | 4.31                  | 4.30 | 4.28 | 0.02            | 0.04  | 0.00  | ±0.3           |
| 228400   | 4.27                  | 4.25 | 4.24 | 4.28                  | 4.26 | 4.25 | 0.02            | 0.02  | 0.02  | ±0.3           |
| 289400   | 4.23                  | 4.21 | 4.21 | 4.24                  | 4.22 | 4.21 | 0.02            | 0.02  | 0.00  | ±0.3           |
| 366400   | 4.19                  | 4.17 | 4.17 | 4.20                  | 4.15 | 4.17 | 0.02            | -0.04 | 0.00  | ±0.3           |
| 400000   | 4.17                  | 4.15 | 4.15 | 4.18                  | 4.19 | 4.16 | 0.02            | 0.08  | 0.02  | ±0.3           |
| 464000   | 4.14                  | 4.12 | 4.12 | 4.14                  | 4.13 | 4.12 | 0.00            | 0.02  | 0.00  | ±0.3           |
| 587800   | 4.10                  | 4.08 | 4.08 | 4.10                  | 4.08 | 4.09 | 0.00            | 0.00  | 0.02  | ±0.3           |
| 744200   | 4.05                  | 4.03 | 4.03 | 4.05                  | 4.09 | 4.05 | 0.00            | 0.13  | 0.04  | ±0.3           |
| 942600   | 4.03                  | 4.02 | 4.01 | 4.04                  | 4.01 | 4.01 | 0.02            | -0.02 | 0.00  | ±0.3           |
| 1193600  | 4.00                  | 3.99 | 3.99 | 4.00                  | 4.00 | 4.00 | 0.00            | 0.02  | 0.02  | ±0.3           |
| 1511600  | 3.99                  | 3.98 | 3.98 | 4.00                  | 3.99 | 3.98 | 0.02            | 0.02  | 0.00  | ±0.3           |
| 1914400  | 3.98                  | 3.96 | 3.96 | 3.98                  | 3.97 | 3.96 | 0.00            | 0.02  | 0.00  | ±0.3           |
| 2424400  | 3.96                  | 3.94 | 3.94 | 3.97                  | 3.95 | 3.94 | 0.02            | 0.02  | 0.00  | ±0.3           |
| 3070200  | 3.94                  | 3.92 | 3.92 | 3.95                  | 3.92 | 3.93 | 0.02            | 0.00  | 0.02  | ±0.3           |
| 3888000  | 3.89                  | 3.87 | 3.87 | 3.89                  | 3.87 | 3.87 | 0.00            | 0.00  | 0.00  | ±0.3           |
| 4000000  | 3.88                  | 3.86 | 3.86 | 3.87                  | 3.87 | 3.85 | -0.02           | 0.02  | -0.02 | ±0.3           |
| 4923800  | 3.81                  | 3.80 | 3.80 | 3.83                  | 3.80 | 3.80 | 0.05            | 0.00  | 0.00  | ±0.3           |
| 6235400  | 3.69                  | 3.67 | 3.67 | 3.69                  | 3.68 | 3.67 | 0.00            | 0.02  | 0.00  | ±0.3           |
| 7896400  | 3.57                  | 3.55 | 3.55 | 3.56                  | 3.55 | 3.56 | -0.02           | 0.00  | 0.02  | ±0.3           |
| 10000000 | 3.44                  | 3.42 | 3.42 | 3.40                  | 3.41 | 3.44 | -0.10           | -0.03 | 0.05  | ±0.3           |

SPEAG H-field frequency response tolerance criteria<sup>1</sup>:  
±0.3dB for applied H-fields at calibration points from 3kHz to 10MHz

<sup>1</sup> Calibration uncertainty not taken into account (shared risk 50%).

## Frequency Response, H-field, Channel 7

| f/(Hz)   | H-field/(A/m) Applied |      |      | H-field/(A/m) Reading |      |      | Difference/(dB) |       |       | Tolerance/(dB) |
|----------|-----------------------|------|------|-----------------------|------|------|-----------------|-------|-------|----------------|
|          | x                     | y    | z    | x                     | y    | z    | x               | y     | z     |                |
| 3000     | 1.49                  | 1.49 | 1.49 | 1.49                  | 1.48 | 1.49 | 0.00            | -0.06 | 0.00  | ±0.3           |
| 3200     | 1.49                  | 1.49 | 1.48 | 1.47                  | 1.50 | 1.50 | -0.12           | 0.06  | 0.12  | ±0.3           |
| 4000     | 1.48                  | 1.48 | 1.48 | 1.48                  | 1.49 | 1.48 | 0.00            | 0.06  | 0.00  | ±0.3           |
| 5200     | 1.47                  | 1.47 | 1.47 | 1.47                  | 1.48 | 1.47 | 0.00            | 0.06  | 0.00  | ±0.3           |
| 6600     | 1.46                  | 1.46 | 1.46 | 1.46                  | 1.47 | 1.46 | 0.00            | 0.06  | 0.00  | ±0.3           |
| 8200     | 1.45                  | 1.45 | 1.45 | 1.45                  | 1.45 | 1.45 | 0.00            | 0.00  | 0.00  | ±0.3           |
| 9000     | 1.45                  | 1.45 | 1.44 | 1.45                  | 1.45 | 1.45 | 0.00            | 0.00  | 0.06  | ±0.3           |
| 10600    | 4.39                  | 4.31 | 4.30 | 4.39                  | 4.29 | 4.31 | 0.00            | -0.04 | 0.02  | ±0.3           |
| 13400    | 4.41                  | 4.37 | 4.36 | 4.40                  | 4.34 | 4.35 | -0.02           | -0.06 | -0.02 | ±0.3           |
| 17000    | 4.41                  | 4.36 | 4.35 | 4.40                  | 4.37 | 4.34 | -0.02           | 0.02  | -0.02 | ±0.3           |
| 21400    | 4.43                  | 4.38 | 4.37 | 4.42                  | 4.39 | 4.37 | -0.02           | 0.02  | 0.00  | ±0.3           |
| 27200    | 4.43                  | 4.38 | 4.37 | 4.43                  | 4.38 | 4.37 | 0.00            | 0.00  | 0.00  | ±0.3           |
| 34400    | 4.42                  | 4.39 | 4.38 | 4.43                  | 4.39 | 4.38 | 0.02            | 0.00  | 0.00  | ±0.3           |
| 40000    | 4.42                  | 4.38 | 4.38 | 4.43                  | 4.38 | 4.38 | 0.02            | 0.00  | 0.00  | ±0.3           |
| 43600    | 4.41                  | 4.38 | 4.37 | 4.42                  | 4.38 | 4.38 | 0.02            | 0.00  | 0.02  | ±0.3           |
| 55400    | 4.39                  | 4.36 | 4.36 | 4.40                  | 4.37 | 4.33 | 0.02            | 0.02  | -0.06 | ±0.3           |
| 70000    | 4.38                  | 4.35 | 4.35 | 4.39                  | 4.36 | 4.35 | 0.02            | 0.02  | 0.00  | ±0.3           |
| 88800    | 4.37                  | 4.34 | 4.33 | 4.37                  | 4.35 | 4.33 | 0.00            | 0.02  | 0.00  | ±0.3           |
| 112400   | 4.36                  | 4.33 | 4.32 | 4.36                  | 4.33 | 4.33 | 0.00            | 0.00  | 0.02  | ±0.3           |
| 142400   | 4.33                  | 4.31 | 4.30 | 4.34                  | 4.32 | 4.30 | 0.02            | 0.02  | 0.00  | ±0.3           |
| 161750   | 4.32                  | 4.29 | 4.29 | 4.32                  | 4.31 | 4.29 | 0.00            | 0.04  | 0.00  | ±0.3           |
| 180400   | 4.30                  | 4.28 | 4.28 | 4.31                  | 4.29 | 4.27 | 0.02            | 0.02  | -0.02 | ±0.3           |
| 228400   | 4.27                  | 4.25 | 4.24 | 4.28                  | 4.26 | 4.25 | 0.02            | 0.02  | 0.02  | ±0.3           |
| 289400   | 4.23                  | 4.21 | 4.21 | 4.24                  | 4.21 | 4.21 | 0.02            | 0.00  | 0.00  | ±0.3           |
| 366400   | 4.19                  | 4.17 | 4.17 | 4.20                  | 4.17 | 4.17 | 0.02            | 0.00  | 0.00  | ±0.3           |
| 400000   | 4.17                  | 4.15 | 4.15 | 4.18                  | 4.17 | 4.16 | 0.02            | 0.04  | 0.02  | ±0.3           |
| 464000   | 4.14                  | 4.12 | 4.12 | 4.15                  | 4.13 | 4.12 | 0.02            | 0.02  | 0.00  | ±0.3           |
| 587800   | 4.10                  | 4.08 | 4.08 | 4.11                  | 4.09 | 4.08 | 0.02            | 0.02  | 0.00  | ±0.3           |
| 744200   | 4.05                  | 4.03 | 4.03 | 4.05                  | 4.05 | 4.05 | 0.00            | 0.04  | 0.04  | ±0.3           |
| 942600   | 4.03                  | 4.02 | 4.01 | 4.04                  | 4.02 | 4.01 | 0.02            | 0.00  | 0.00  | ±0.3           |
| 1193600  | 4.00                  | 3.99 | 3.99 | 4.01                  | 4.00 | 3.98 | 0.02            | 0.02  | -0.02 | ±0.3           |
| 1511600  | 3.99                  | 3.98 | 3.98 | 4.00                  | 3.98 | 3.97 | 0.02            | 0.00  | -0.02 | ±0.3           |
| 1914400  | 3.98                  | 3.96 | 3.96 | 3.99                  | 3.96 | 3.97 | 0.02            | 0.00  | 0.02  | ±0.3           |
| 2424400  | 3.96                  | 3.94 | 3.94 | 3.97                  | 3.95 | 3.95 | 0.02            | 0.02  | 0.02  | ±0.3           |
| 3070200  | 3.94                  | 3.92 | 3.92 | 3.94                  | 3.92 | 3.92 | 0.00            | 0.00  | 0.00  | ±0.3           |
| 3888000  | 3.89                  | 3.87 | 3.87 | 3.89                  | 3.87 | 3.87 | 0.00            | 0.00  | 0.00  | ±0.3           |
| 4000000  | 3.88                  | 3.86 | 3.86 | 3.87                  | 3.87 | 3.83 | -0.02           | 0.02  | -0.07 | ±0.3           |
| 4923800  | 3.81                  | 3.80 | 3.80 | 3.83                  | 3.80 | 3.80 | 0.05            | 0.00  | 0.00  | ±0.3           |
| 6235400  | 3.69                  | 3.67 | 3.67 | 3.70                  | 3.67 | 3.67 | 0.02            | 0.00  | 0.00  | ±0.3           |
| 7896400  | 3.57                  | 3.55 | 3.55 | 3.56                  | 3.57 | 3.55 | -0.02           | 0.05  | 0.00  | ±0.3           |
| 10000000 | 3.44                  | 3.42 | 3.42 | 3.42                  | 3.45 | 3.43 | -0.05           | 0.08  | 0.03  | ±0.3           |

SPEAG H-field frequency response tolerance criteria<sup>1</sup>:  
±0.3dB for applied H-fields at calibration points from 3kHz to 10MHz

<sup>1</sup> Calibration uncertainty not taken into account (shared risk 50%).

## Frequency Response, E-field, Channel 0

| f/(Hz)   | E-field/(V/m) Applied |     |     | E-field/(V/m) Reading |     |     | Difference/(dB) |       |      | Tolerance/(dB) |
|----------|-----------------------|-----|-----|-----------------------|-----|-----|-----------------|-------|------|----------------|
|          | x                     | y   | z   | x                     | y   | z   | x               | y     | z    |                |
| 3000     | 165                   | 165 | 167 | 165                   | 166 | 167 | 0.00            | 0.05  | 0.00 | ±0.3           |
| 3200     | 164                   | 164 | 171 | 163                   | 165 | 173 | -0.05           | 0.05  | 0.10 | ±0.3           |
| 4000     | 169                   | 169 | 163 | 169                   | 169 | 163 | 0.00            | 0.00  | 0.00 | ±0.3           |
| 5200     | 165                   | 165 | 165 | 166                   | 164 | 165 | 0.05            | -0.05 | 0.00 | ±0.3           |
| 6600     | 171                   | 171 | 167 | 171                   | 171 | 167 | 0.00            | 0.00  | 0.00 | ±0.3           |
| 8200     | 159                   | 159 | 163 | 159                   | 159 | 163 | 0.00            | 0.00  | 0.00 | ±0.3           |
| 9000     | 167                   | 167 | 167 | 168                   | 168 | 168 | 0.05            | 0.05  | 0.05 | ±0.3           |
| 10600    | 168                   | 168 | 164 | 169                   | 168 | 164 | 0.05            | 0.00  | 0.00 | ±0.3           |
| 13400    | 165                   | 165 | 165 | 165                   | 165 | 166 | 0.00            | 0.00  | 0.05 | ±0.3           |
| 17000    | 163                   | 163 | 166 | 164                   | 164 | 166 | 0.05            | 0.05  | 0.00 | ±0.3           |
| 21400    | 166                   | 166 | 166 | 167                   | 167 | 167 | 0.05            | 0.05  | 0.05 | ±0.3           |
| 27200    | 164                   | 164 | 165 | 165                   | 164 | 165 | 0.05            | 0.00  | 0.00 | ±0.3           |
| 34400    | 167                   | 167 | 164 | 168                   | 167 | 165 | 0.05            | 0.00  | 0.05 | ±0.3           |
| 40000    | 168                   | 168 | 166 | 168                   | 168 | 166 | 0.00            | 0.00  | 0.00 | ±0.3           |
| 43600    | 167                   | 167 | 166 | 167                   | 167 | 166 | 0.00            | 0.00  | 0.00 | ±0.3           |
| 55400    | 167                   | 167 | 167 | 168                   | 168 | 167 | 0.05            | 0.05  | 0.00 | ±0.3           |
| 70000    | 166                   | 166 | 166 | 167                   | 167 | 166 | 0.05            | 0.05  | 0.00 | ±0.3           |
| 88800    | 167                   | 167 | 167 | 168                   | 168 | 167 | 0.05            | 0.05  | 0.00 | ±0.3           |
| 112400   | 168                   | 168 | 168 | 168                   | 168 | 168 | 0.00            | 0.00  | 0.00 | ±0.3           |
| 142400   | 168                   | 168 | 168 | 169                   | 169 | 168 | 0.05            | 0.05  | 0.00 | ±0.3           |
| 161750   | 168                   | 168 | 169 | 169                   | 169 | 169 | 0.05            | 0.05  | 0.00 | ±0.3           |
| 180400   | 170                   | 170 | 169 | 170                   | 170 | 169 | 0.00            | 0.00  | 0.00 | ±0.3           |
| 228400   | 170                   | 170 | 170 | 170                   | 170 | 170 | 0.00            | 0.00  | 0.00 | ±0.3           |
| 289400   | 171                   | 171 | 171 | 172                   | 172 | 171 | 0.05            | 0.05  | 0.00 | ±0.3           |
| 366400   | 173                   | 173 | 172 | 173                   | 173 | 172 | 0.00            | 0.00  | 0.00 | ±0.3           |
| 400000   | 173                   | 173 | 173 | 173                   | 173 | 173 | 0.00            | 0.00  | 0.00 | ±0.3           |
| 464000   | 174                   | 174 | 174 | 174                   | 174 | 174 | 0.00            | 0.00  | 0.00 | ±0.3           |
| 587800   | 175                   | 175 | 175 | 175                   | 175 | 175 | 0.00            | 0.00  | 0.00 | ±0.3           |
| 744200   | 175                   | 175 | 175 | 175                   | 175 | 175 | 0.00            | 0.00  | 0.00 | ±0.3           |
| 942600   | 176                   | 176 | 175 | 176                   | 176 | 175 | 0.00            | 0.00  | 0.00 | ±0.3           |
| 1193600  | 176                   | 176 | 175 | 176                   | 176 | 175 | 0.00            | 0.00  | 0.00 | ±0.3           |
| 1511600  | 175                   | 175 | 174 | 175                   | 175 | 174 | 0.00            | 0.00  | 0.00 | ±0.3           |
| 1914400  | 174                   | 174 | 174 | 175                   | 175 | 174 | 0.05            | 0.05  | 0.00 | ±0.3           |
| 2424400  | 174                   | 174 | 173 | 174                   | 174 | 173 | 0.00            | 0.00  | 0.00 | ±0.3           |
| 3070200  | 174                   | 174 | 173 | 174                   | 174 | 173 | 0.00            | 0.00  | 0.00 | ±0.3           |
| 3888000  | 174                   | 174 | 173 | 174                   | 174 | 173 | 0.00            | 0.00  | 0.00 | ±0.3           |
| 4000000  | 174                   | 174 | 173 | 174                   | 174 | 173 | 0.00            | 0.00  | 0.00 | ±0.3           |
| 4923800  | 175                   | 175 | 174 | 175                   | 175 | 174 | 0.00            | 0.00  | 0.00 | ±0.3           |
| 6235400  | 177                   | 177 | 176 | 177                   | 177 | 176 | 0.00            | 0.00  | 0.00 | ±0.3           |
| 7896400  | 182                   | 182 | 181 | 182                   | 182 | 181 | 0.00            | 0.00  | 0.00 | ±0.3           |
| 10000000 | 191                   | 191 | 190 | 191                   | 191 | 190 | 0.00            | 0.00  | 0.00 | ±0.3           |

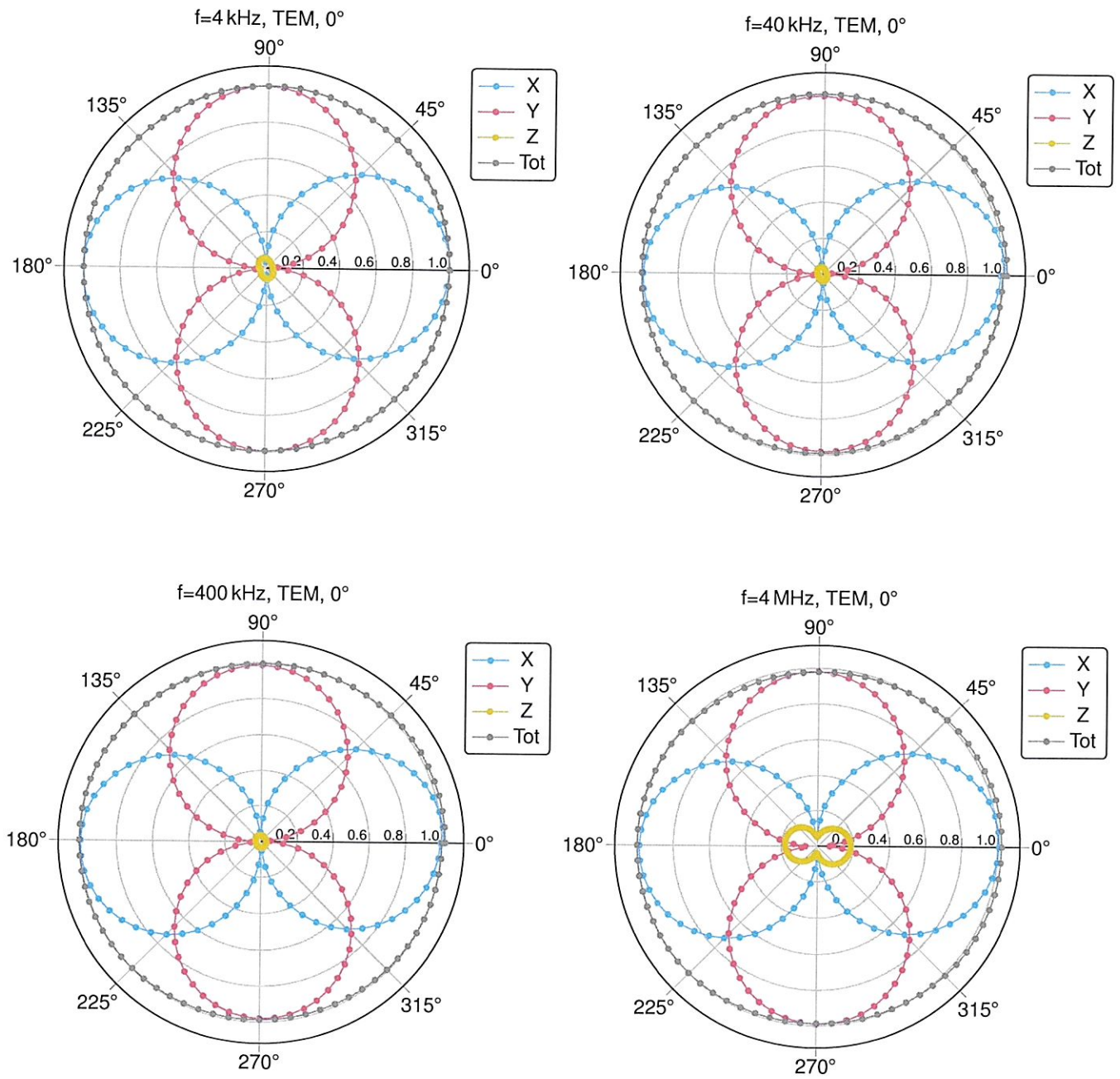
SPEAG E-field frequency response tolerance criteria<sup>1</sup>:  
±0.3dB for applied E-fields at calibration points from 3kHz to 10MHz

<sup>1</sup> Calibration uncertainty not taken into account (shared risk 50%).

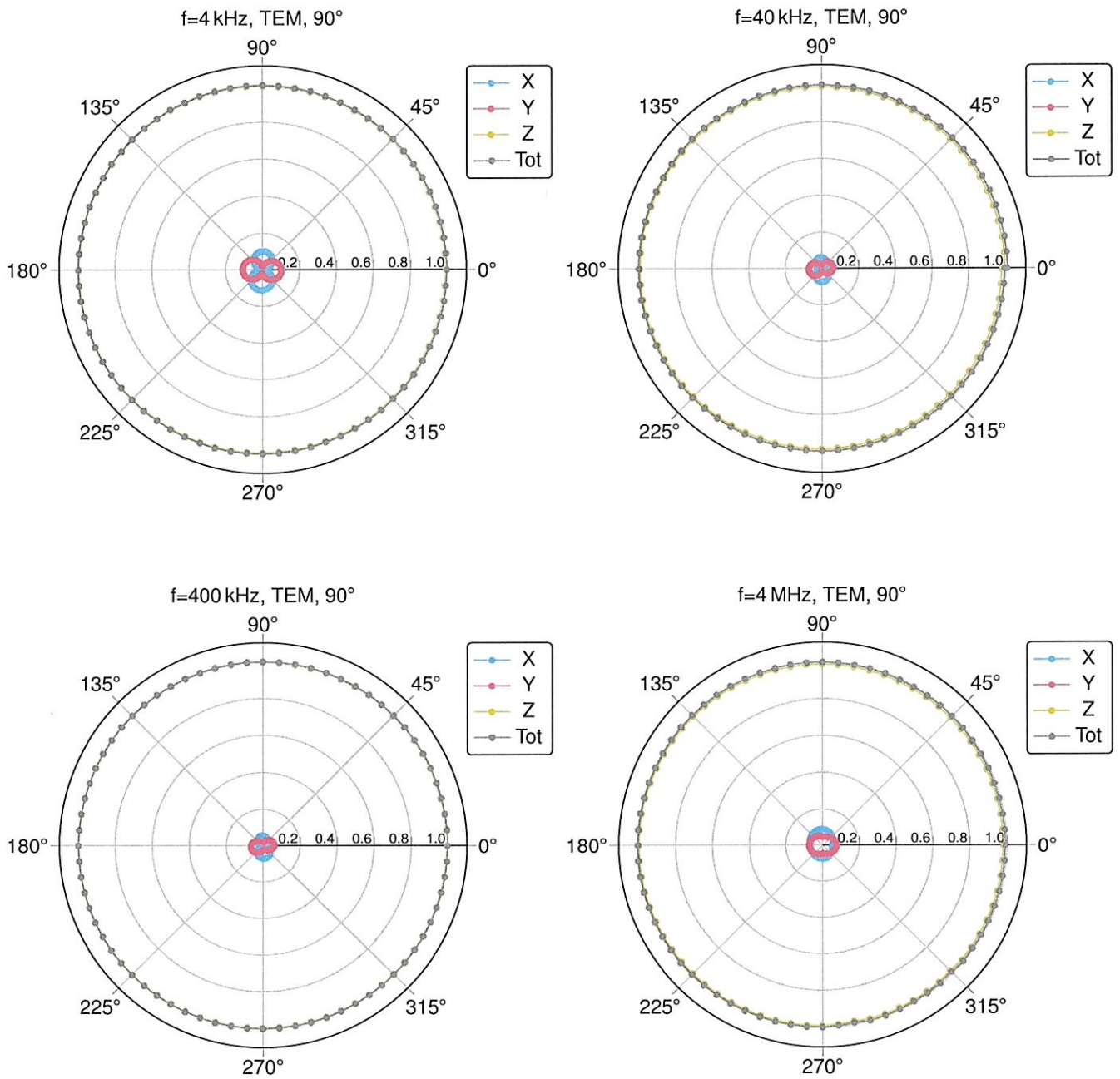


## Isotropy H-Field

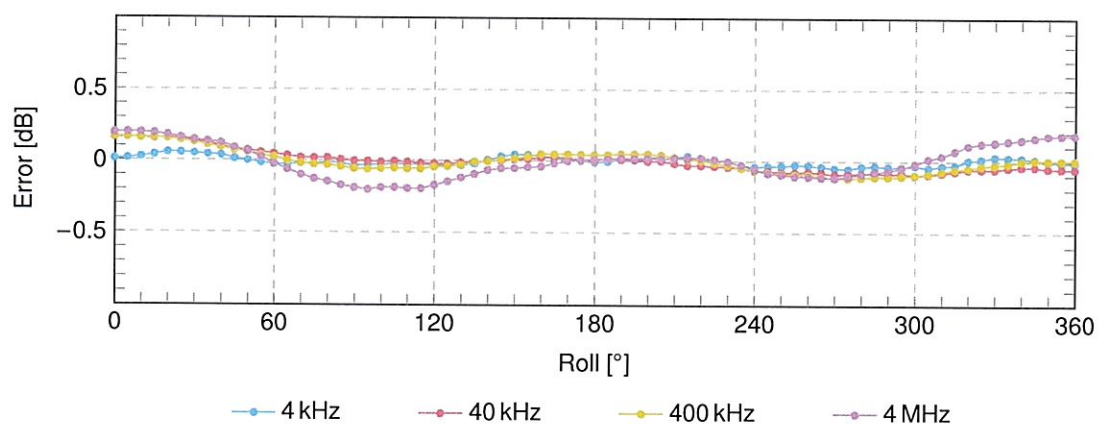
### H-Field Receiving Pattern ( $\phi$ ), $\vartheta = 0^\circ$



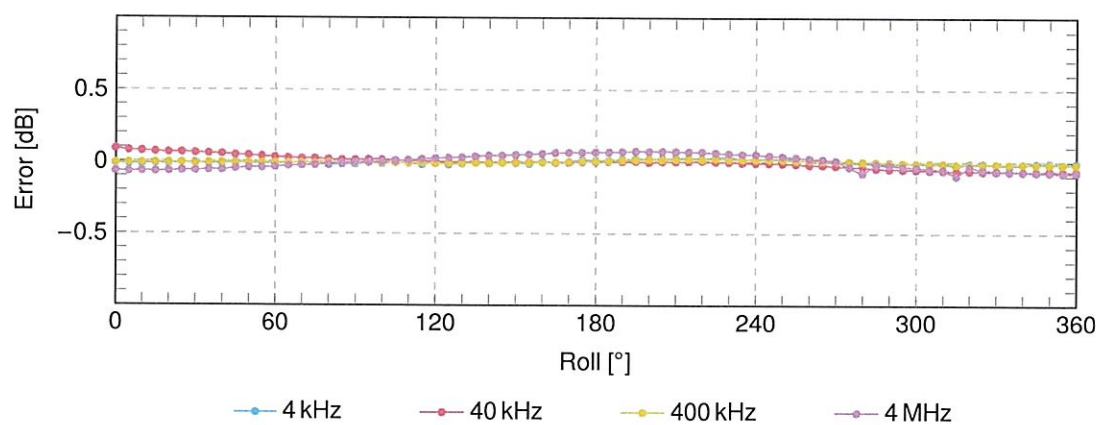
### H-Field Receiving Pattern ( $\phi$ ), $\vartheta = 90^\circ$



### H-Field Receiving Pattern ( $\phi$ ), $\vartheta = 0^\circ$



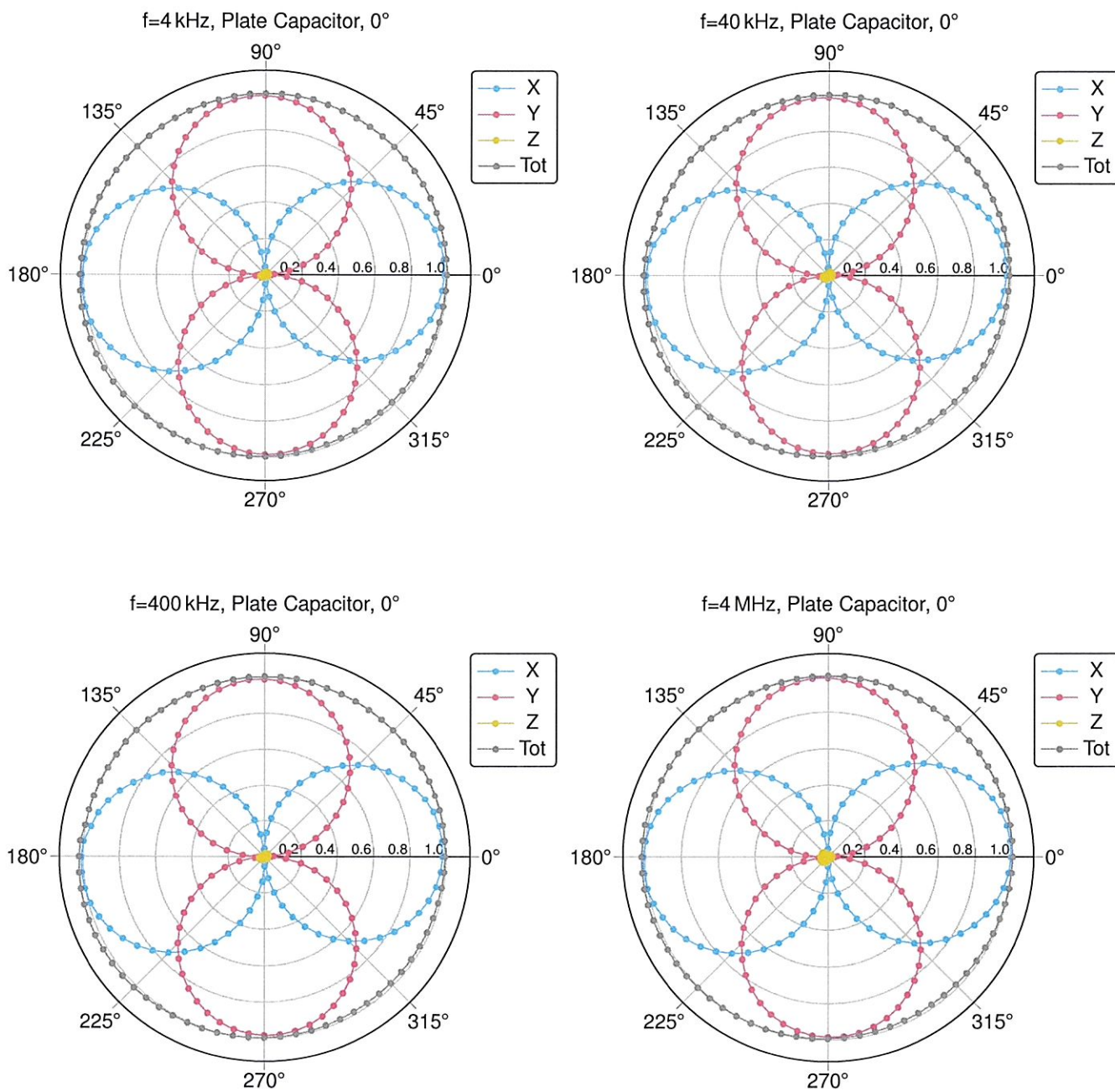
### H-Field Receiving Pattern ( $\phi$ ), $\vartheta = 90^\circ$



SPEAG axial deviation from the ideal response tolerance for H-field:  $\pm 0.6$ dB

## Isotropy E-Field

### E-Field Receiving Pattern ( $\phi$ ), $\vartheta = 0^\circ$





**E-Field Receiving Pattern ( $\phi$ ),  $\vartheta = 90^\circ$**

