



APPENDIX B
: OPTIONAL MEASURE TEST

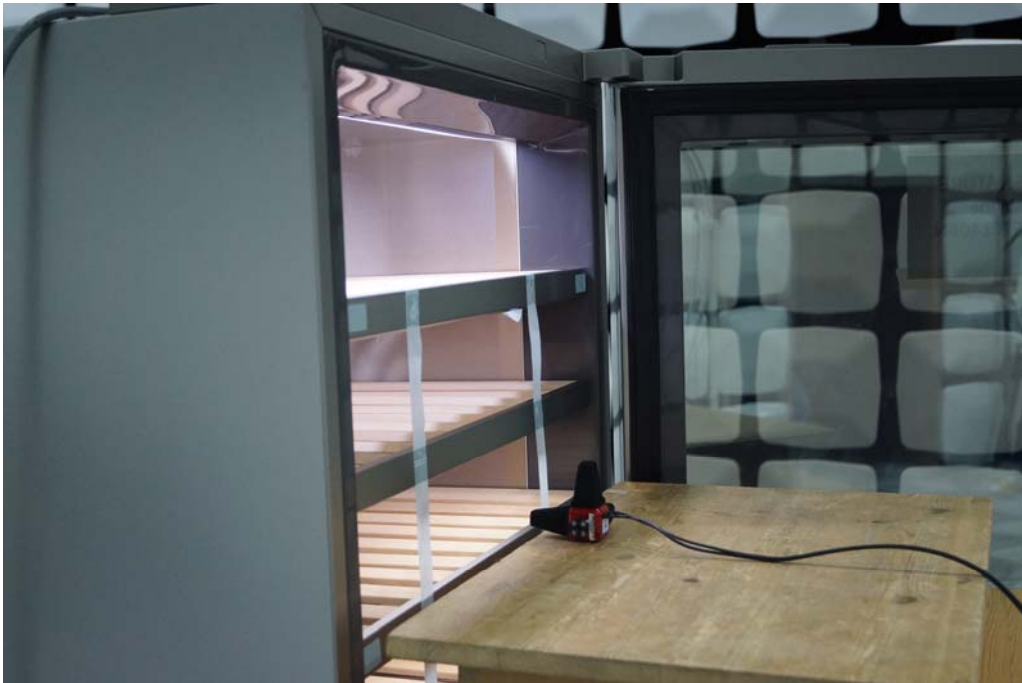


Test model No.: URETC1408N

Test with full load

Side 1

< Electric field >

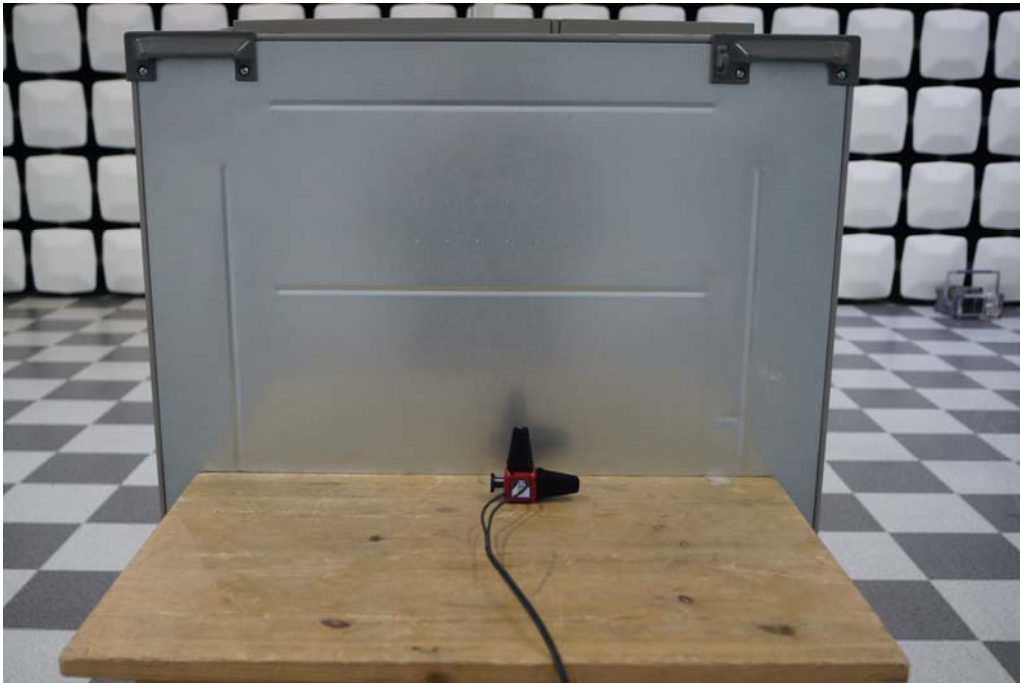


< Magnetic field >





Side 2
< Electric field >



< Magnetic field >





Side 3
< Electric field >



< Magnetic field >





Side 4
< Electric field >



< Magnetic field >

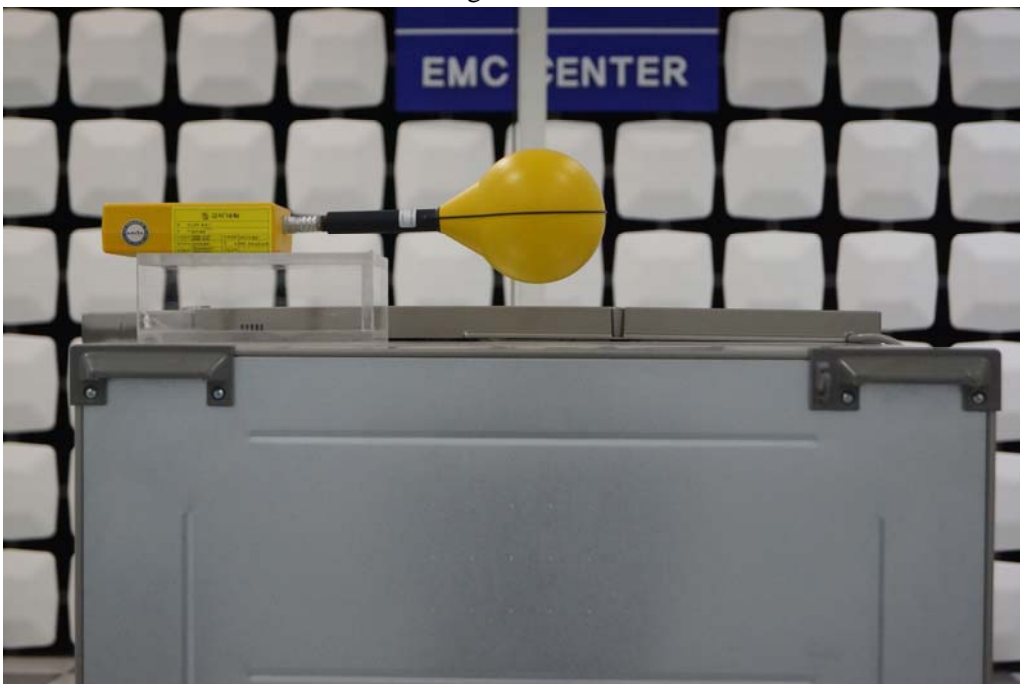




Side 5
< Electric field >



< Magnetic field >





Test result

Distance 1 cm

Electric Field Strength

| Test Position | Probe Measure Result(V/m) | Limit(V/m) | 50 % Limit(V/m) |
|---------------|---------------------------|------------|-----------------|
| Side 1 | 9.42 | - | - |
| Side 2 | 8.68 | - | - |
| Side 3 | 8.95 | - | - |
| Side 4 | 6.87 | - | - |
| Side 5 | 7.85 | - | - |

Magnetic Field Strength

| Test Position | Probe Measure Result(A/m) | Limit(A/m) | 50 % Limit(A/m) |
|---------------|---------------------------|------------|-----------------|
| Side 1 | 0.184 | - | - |
| Side 2 | 0.135 | - | - |
| Side 3 | 0.145 | - | - |
| Side 4 | 0.204 | - | - |
| Side 5 | 1.874 | - | - |



Distance 2 cm

Electric Field Strength

| Test Position | Probe Measure Result(V/m) | Limit(V/m) | 50 % Limit(V/m) |
|---------------|---------------------------|------------|-----------------|
| Side 1 | 8.48 | - | - |
| Side 2 | 8.34 | - | - |
| Side 3 | 8.76 | - | - |
| Side 4 | 6.43 | - | - |
| Side 5 | 6.93 | - | - |

Magnetic Field Strength

| Test Position | Probe Measure Result(A/m) | Limit(A/m) | 50 % Limit(A/m) |
|---------------|---------------------------|------------|-----------------|
| Side 1 | 0.182 | - | - |
| Side 2 | 0.137 | - | - |
| Side 3 | 0.141 | - | - |
| Side 4 | 0.198 | - | - |
| Side 5 | 1.613 | - | - |



Distance 3 cm

Electric Field Strength

| Test Position | Probe Measure Result(V/m) | Limit(V/m) | 50 % Limit(V/m) |
|---------------|---------------------------|------------|-----------------|
| Side 1 | 9.49 | - | - |
| Side 2 | 8.35 | - | - |
| Side 3 | 8.89 | - | - |
| Side 4 | 6.07 | - | - |
| Side 5 | 6.59 | - | - |

Magnetic Field Strength

| Test Position | Probe Measure Result(A/m) | Limit(A/m) | 50 % Limit(A/m) |
|---------------|---------------------------|------------|-----------------|
| Side 1 | 0.186 | - | - |
| Side 2 | 0.131 | - | - |
| Side 3 | 0.148 | - | - |
| Side 4 | 0.199 | - | - |
| Side 5 | 1.338 | - | - |



Distance 4 cm

Electric Field Strength

| Test Position | Probe Measure Result(V/m) | Limit(V/m) | 50 % Limit(V/m) |
|---------------|---------------------------|------------|-----------------|
| Side 1 | 8.26 | - | - |
| Side 2 | 7.88 | - | - |
| Side 3 | 8.63 | - | - |
| Side 4 | 5.69 | - | - |
| Side 5 | 5.69 | - | - |

Magnetic Field Strength

| Test Position | Probe Measure Result(A/m) | Limit(A/m) | 50 % Limit(A/m) |
|---------------|---------------------------|------------|-----------------|
| Side 1 | 0.182 | - | - |
| Side 2 | 0.130 | - | - |
| Side 3 | 0.146 | - | - |
| Side 4 | 0.200 | - | - |
| Side 5 | 1.171 | - | - |



Distance 5 cm

Electric Field Strength

| Test Position | Probe Measure Result(V/m) | Limit(V/m) | 50 % Limit(V/m) |
|---------------|---------------------------|------------|-----------------|
| Side 1 | 7.86 | - | - |
| Side 2 | 7.21 | - | - |
| Side 3 | 8.29 | - | - |
| Side 4 | 4.87 | - | - |
| Side 5 | 5.13 | - | - |

Magnetic Field Strength

| Test Position | Probe Measure Result(A/m) | Limit(A/m) | 50 % Limit(A/m) |
|---------------|---------------------------|------------|-----------------|
| Side 1 | 0.178 | - | - |
| Side 2 | 0.133 | - | - |
| Side 3 | 0.141 | - | - |
| Side 4 | 0.205 | - | - |
| Side 5 | 1.086 | - | - |



Distance 6 cm

Electric Field Strength

| Test Position | Probe Measure Result(V/m) | Limit(V/m) | 50 % Limit(V/m) |
|---------------|---------------------------|------------|-----------------|
| Side 1 | 8.12 | - | - |
| Side 2 | 6.42 | - | - |
| Side 3 | 7.52 | - | - |
| Side 4 | 4.44 | - | - |
| Side 5 | 5.65 | - | - |

Magnetic Field Strength

| Test Position | Probe Measure Result(A/m) | Limit(A/m) | 50 % Limit(A/m) |
|---------------|---------------------------|------------|-----------------|
| Side 1 | 0.170 | - | - |
| Side 2 | 0.131 | - | - |
| Side 3 | 0.149 | - | - |
| Side 4 | 0.213 | - | - |
| Side 5 | 0.993 | - | - |



Distance 7 cm

Electric Field Strength

| Test Position | Probe Measure Result(V/m) | Limit(V/m) | 50 % Limit(V/m) |
|---------------|---------------------------|------------|-----------------|
| Side 1 | 8.04 | - | - |
| Side 2 | 5.41 | - | - |
| Side 3 | 7.29 | - | - |
| Side 4 | 4.17 | - | - |
| Side 5 | 4.77 | - | - |

Magnetic Field Strength

| Test Position | Probe Measure Result(A/m) | Limit(A/m) | 50 % Limit(A/m) |
|---------------|---------------------------|------------|-----------------|
| Side 1 | 0.185 | - | - |
| Side 2 | 0.131 | - | - |
| Side 3 | 0.154 | - | - |
| Side 4 | 0.211 | - | - |
| Side 5 | 0.930 | - | - |



Distance 8 cm

Electric Field Strength

| Test Position | Probe Measure Result(V/m) | Limit(V/m) | 50 % Limit(V/m) |
|---------------|---------------------------|------------|-----------------|
| Side 1 | 7.90 | - | - |
| Side 2 | 5.63 | - | - |
| Side 3 | 6.55 | - | - |
| Side 4 | 3.84 | - | - |
| Side 5 | 4.65 | - | - |

Magnetic Field Strength

| Test Position | Probe Measure Result(A/m) | Limit(A/m) | 50 % Limit(A/m) |
|---------------|---------------------------|------------|-----------------|
| Side 1 | 0.174 | - | - |
| Side 2 | 0.1327 | - | - |
| Side 3 | 0.143 | - | - |
| Side 4 | 0.194 | - | - |
| Side 5 | 0.841 | - | - |



Distance 9 cm

Electric Field Strength

| Test Position | Probe Measure Result(V/m) | Limit(V/m) | 50 % Limit(V/m) |
|---------------|---------------------------|------------|-----------------|
| Side 1 | 8.82 | - | - |
| Side 2 | 5.61 | - | - |
| Side 3 | 6.55 | - | - |
| Side 4 | 3.61 | - | - |
| Side 5 | 6.04 | - | - |

Magnetic Field Strength

| Test Position | Probe Measure Result(A/m) | Limit(A/m) | 50 % Limit(A/m) |
|---------------|---------------------------|------------|-----------------|
| Side 1 | 0.179 | - | - |
| Side 2 | 0.134 | - | - |
| Side 3 | 0.156 | - | - |
| Side 4 | 0.198 | - | - |
| Side 5 | 0.839 | - | - |



Distance 10 cm

Electric Field Strength

| Test Position | Probe Measure Result(V/m) | Limit(V/m) | 50 % Limit(V/m) |
|---------------|---------------------------|------------|-----------------|
| Side 1 | 8.25 | - | - |
| Side 2 | 4.83 | - | - |
| Side 3 | 6.38 | - | - |
| Side 4 | 3.90 | - | - |
| Side 5 | 5.77 | - | - |

Magnetic Field Strength

| Test Position | Probe Measure Result(A/m) | Limit(A/m) | 50 % Limit(A/m) |
|---------------|---------------------------|------------|-----------------|
| Side 1 | 0.180 | - | - |
| Side 2 | 0.131 | - | - |
| Side 3 | 0.145 | - | - |
| Side 4 | 0.192 | - | - |
| Side 5 | 0.736 | - | - |