



## APPENDIX B

### : OPTIONAL MEASURE TEST

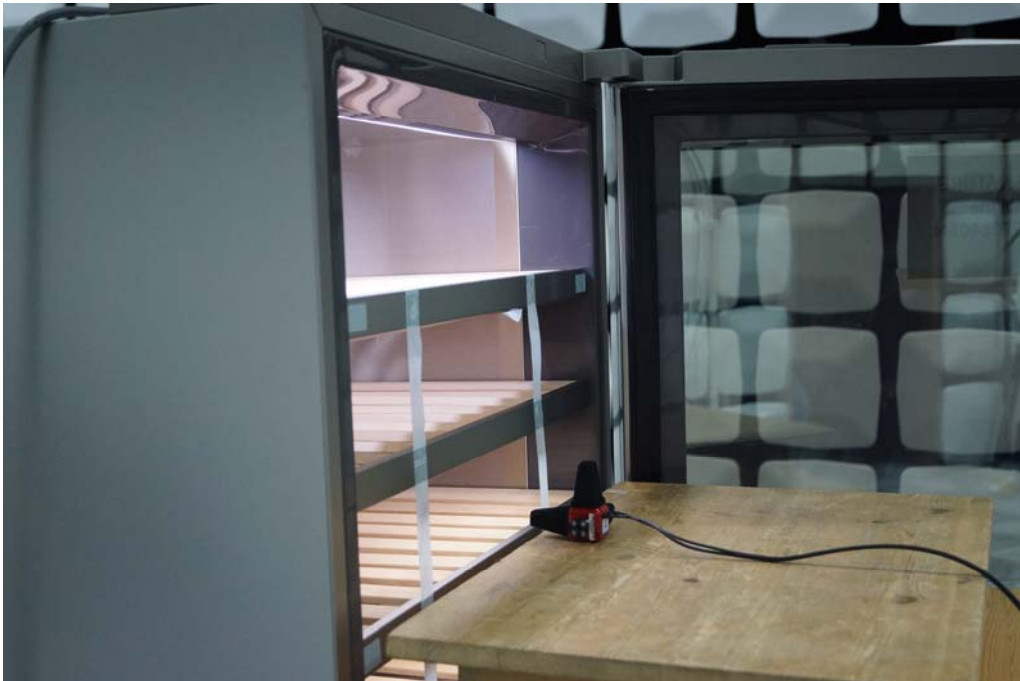


Test model No.: URETC1408N

Test with full load

Side 1

< Electric field >

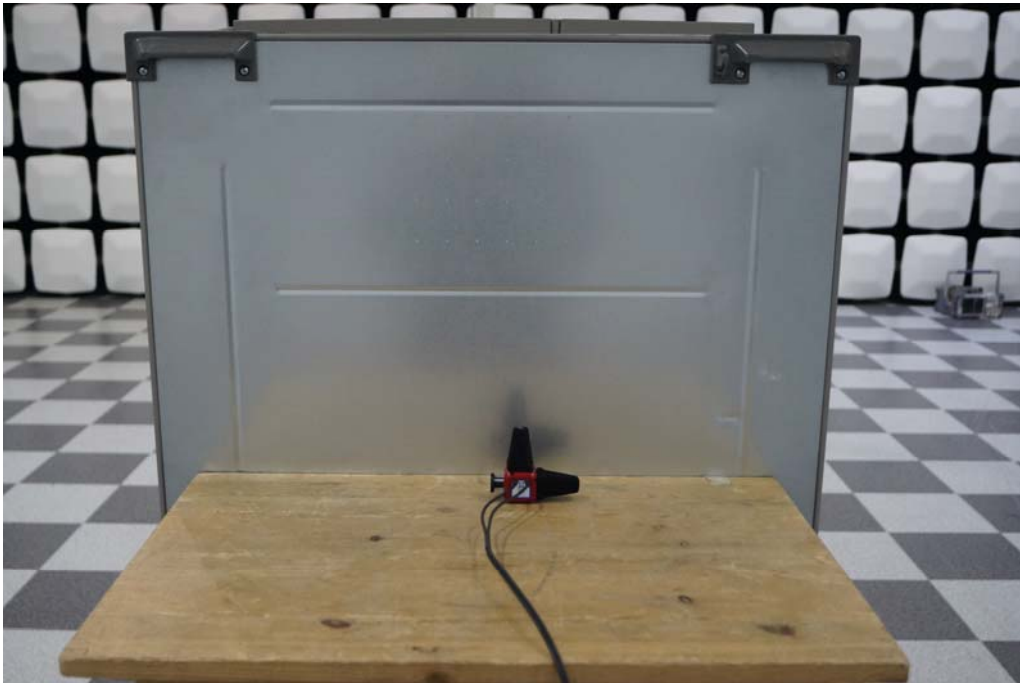


< Magnetic field >

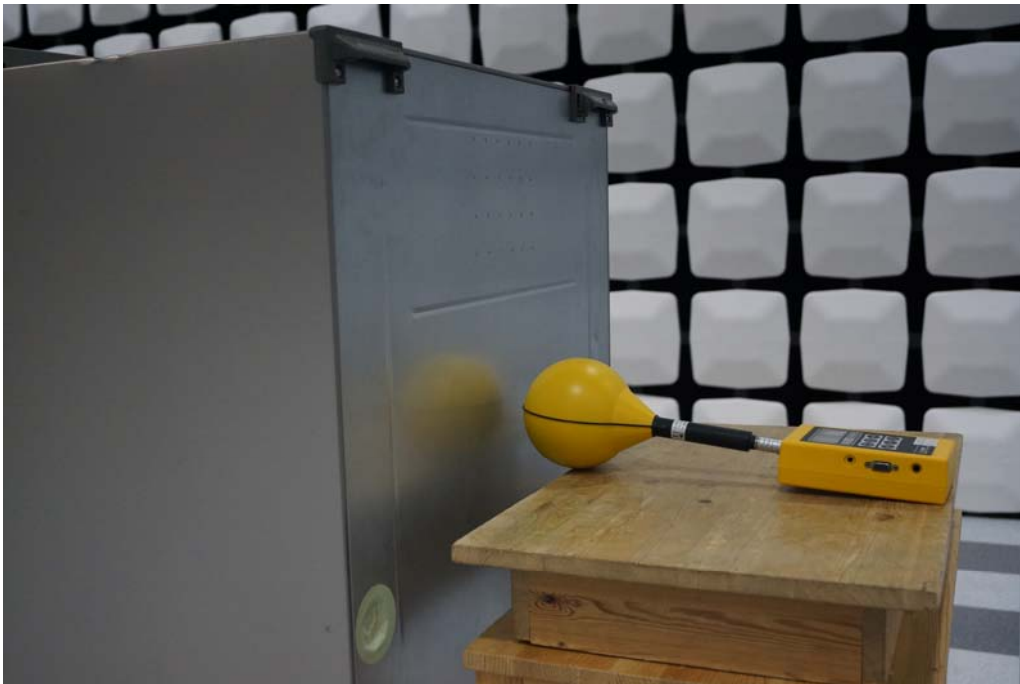




Side 2  
< Electric field >



< Magnetic field >





Side 3  
< Electric field >



< Magnetic field >





Side 4  
< Electric field >



< Magnetic field >



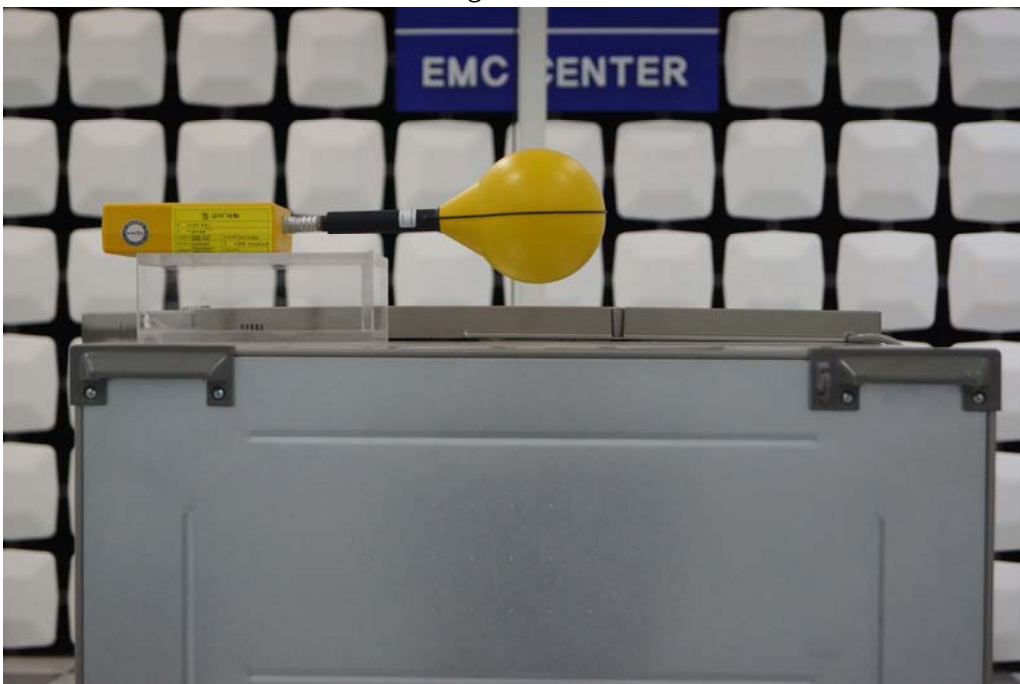


Side 5

< Electric field >



< Magnetic field >



**EUT Type: Household Refrigerator**

**FCC ID.: BEJA408SW19**



## 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                     | -          | -               |