

ATTACHMENT**RF EXPOSURE EVALUATION****1.1 Limit**

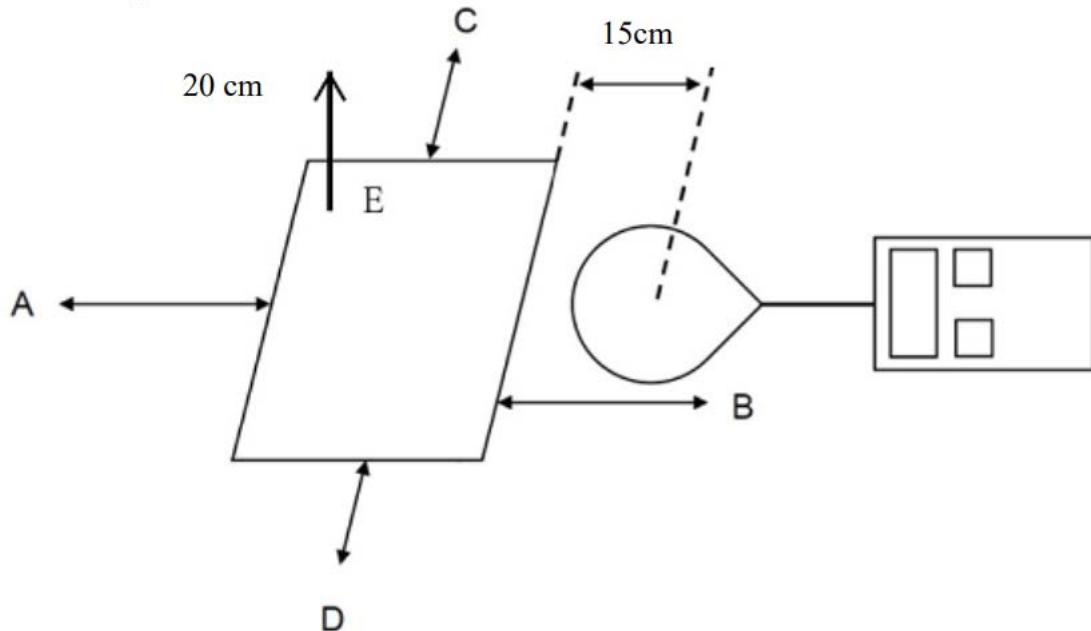
According to §1.1310 and §2.1091 RF exposure is calculated.

(B) Limits for General Population/Uncontrolled Exposures

| Frequency range (MHz) | Electric field Strength (V/m) | Magnetic field Strength (A/m) | Power density (mW/cm ²) | Averaging time (minutes) |
|---|-------------------------------|-------------------------------|-------------------------------------|--------------------------|
| (A) Limits for Occupational/Controlled Exposures | | | | |
| 0.3 – 3.0 | 614 | 1.63 | *(100) | 6 |
| (B) Limits for General Population/Uncontrolled Exposure | | | | |
| 0.3 – 1.34 | 614 | 1.63 | *(100) | 30 |

F = frequency in MHz

* = Plane-wave equivalent power density

1.2 Test setup

- a. The test was performed on 360 degree turn table in anechoic chamber.
- b. The probe was placed at 15 cm surrounding the device and 20 cm above the top of the charger and the geometric centre of the probe.
- c. The highest emission level was recorded and compared with limit as soon as measurement of each point; A, B, C, D, E were completed.

ATTACHMENT**1.3 Equipment Approval Considerations**

| Requirement | Device |
|---|---|
| 1) Power transfer frequency is less than 1 MHz | Yes - the device operated in the frequency range from 110-146 KHz. |
| 2) Output power from each primary coil is less than or equal to 15 watts. | Yes – Maximum power is 10 Watts. |
| 3) The transfer system includes only single primary and secondary coils. This includes charging systems that may have multiple primary coils and clients that are able to detect and allow coupling only between individual pairs of coils. | Yes |
| 4) Client device is placed directly in contact with the transmitter. | Yes |
| 5) Mobile exposure conditions only (portable exposure conditions are not covered by this exclusion). | Yes |
| 6) The aggregate H-field strengths at 15 cm surrounding the device and 20 cm above the top surface from all simultaneous transmitting coils are demonstrated to be less than 50% of the MPE limit. | Yes – The aggregate field at 15cm from the device are 7.73 % of the FCC H field limit. |

1.4 Equipments List

| Description | Model No. | Serial No. | Manufacturer | Interval | Next Cal. Date |
|----------------------|-----------|----------------------|--------------|----------|----------------|
| Exposure Level Meter | ELT-400 | N-0693(probe:m-1149) | Narda | 1 year | 2021-06-12 |

ATTACHMENT**1.5 Test Result****H-Field Test Result**

| Test Mode | Full Load | Half Load | Empty Load |
|-----------------------|---------------|-----------|------------|
| Frequency range (KHz) | 110 – 146 KHz | | |
| Position Top(V/m) | 0.124 | 0.126 | 0.123 |
| Position Bottom(V/m) | 0.109 | 0.111 | 0.114 |
| Position Front(V/m) | 0.102 | 0.104 | 0.105 |
| Position Rear(V/m) | 0.116 | 0.113 | 0.115 |
| Position Left(V/m) | 0.112 | 0.115 | 0.116 |
| Position Right(V/m) | 0.104 | 0.105 | 0.102 |
| Limits (V/m) | 1.63 | | |

| FCC RF Exposure | Maximum meas data(A/m) | Percentage (%) |
|-----------------|------------------------|----------------|
| | 0.126 | 7.73 |

E-Field Test Result

| Test Mode | Full Load | Half Load | Empty Load |
|-----------------------|---------------|-----------|------------|
| Frequency range (KHz) | 110 – 146 KHz | | |
| Position Top(V/m) | 0.519 | 0.524 | 0.526 |
| Position Bottom(V/m) | 0.488 | 0.485 | 0.489 |
| Position Front(V/m) | 0.495 | 0.496 | 0.491 |
| Position Rear(V/m) | 0.461 | 0.464 | 0.468 |
| Position Left(V/m) | 0.474 | 0.471 | 0.476 |
| Position Right(V/m) | 0.480 | 0.483 | 0.475 |
| Limits (V/m) | 614 | | |

| FCC RF Exposure | Maximum meas data(A/m) | Percentage (%) |
|-----------------|------------------------|----------------|
| | 0.526 | 0.086 |