

## RF EXPOSURE

### Applicable Standard

According to KDB447498 D01 General RF Exposure Guidance v06: 4.3. General SAR test exclusion guidance

c) For frequencies below 100 MHz, the following may be considered for SAR test exclusion (also illustrated in Appendix C):

- 1) For test separation distances  $> 50$  mm and  $< 200$  mm, the power threshold at the corresponding test separation distance at 100 MHz in step b) is multiplied by  $[1 + \log(100/f(\text{MHz}))]$
- 2) For test separation distances  $\leq 50$  mm, the power threshold determined by the equation in c) 1) for 50 mm and 100 MHz is multiplied by  $\frac{1}{2}$ .
- 3) SAR measurement procedures are not established below 100 MHz.

### Measurement Result

For NFC, the power of EUT: E Field@3m is 63.35dB $\mu$ V/m =-31.85dBm (0.00065mW)

Note:  $E[\text{dB}\mu\text{V}/\text{m}] = \text{EIRP}[\text{dBm}] + 95.2$  for  $d = 3$  m.

SAR test exclusion threshold for NFC(13.56MHz) separation distance  $< 50$ mm

$$= [474 * (1 + \log(100/f(\text{MHz})))]/2$$

$$= 443\text{mW}$$

$$>0.00065\text{mW}$$

**Result:** Compliance.