

## RF Exposure Compliance for Simultaneous Operations

### Configurations for Simultaneous Operations

Configuration 1: DECT + Bluetooth

Power Density is calculated from Maximum Conducted Power and Antenna Gain at prediction distance

| RF Function                                  | DECT   | BT     | $\Sigma$ of MPE ratios |
|----------------------------------------------|--------|--------|------------------------|
| Frequency (MHz)                              | 1925   | 2402   |                        |
| Conducted Output Power (dBm)                 | 18.20  | 8.30   |                        |
| Tune Up Tolerance (dB)                       | 1.80   | 0.00   |                        |
| Output Power incl. Tune Up Tolerance (W)     | 0.100  | 0.007  |                        |
| Antenna Gain (dBi)                           | 0.00   | 0.00   |                        |
| Antenna Gain (Numeric)                       | 1.00   | 1.00   |                        |
| Prediction Distance (cm)                     | 20     | 20     |                        |
| Time Averaged Duty Cycle (%)                 | 100    | 100    |                        |
| Calculated Power Density (W/m <sup>2</sup> ) | 0.199  | 0.013  |                        |
| Requirement (W/m <sup>2</sup> )              | 10.000 | 10.000 |                        |
| MPE ratio (Power Density/Requirement)        | 0.020  | 0.001  |                        |
| Configuration 1 (MPE Ratio)                  | 0.020  | 0.001  | 0.021                  |

Requirement:  $\Sigma$  of MPE ratios  $\leq 1$