

SAR Test Exclusion

Equipment under test: Hand pendant RX with BLE 2.4GHz

Test report reference: RC-032-PTE-15-105080-2-A

SAR Test Exclusion calculation

For 100 MHz to 6 GHz and test separation distances ≤ 50 mm the 1-g and 10-g SAR test exclusion thresholds are determined by the following:.

$$\left[\frac{\text{(max power of channel, including tune up tolerance, mW)}}{\text{(min test separation distance, mm)}} \right] * [\sqrt{f(\text{GHz})}]$$

Where: power (mW)
 Distance (mm)

Calculation:

(Calculated for max power)

Max power : -5.45 dBm (0.28mW) for f=2480 MHz

Calculated at distance ≤ 5 mm:

SAR Test Exclusion = 0.088 mW

Limit: 10mW

see table Appendix A of 447498 D01 General RF Exposure Guidance v06

