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RF Exposure Analysis

FCC ID: YRWSUMUPAIR

Contains FCC ID: RYYEYSHCN

Analysis for FCC portable use

Standalone SAR test exclusion considerations are defined in KDB 447498D01 (v06) Chapter 4.3.1 where the 1-g head or body and 10-g extremity SAR exclusion threshold is defined by the following formula:

$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] * [\sqrt{f(\text{GHz})}] \leq 3.0 \text{ for 1-g SAR and } \leq 7.5 \text{ for 10-g extremity SAR}$

- $f(\text{GHz})$ is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation
- The result is rounded to one decimal place for comparison

For the SumUp Air, SAR considerations for RFID operation (13.56MHz) is not applicable.

For BT Operation (using approved module FCC ID: RYYEYSHCN), the maximum conducted output power is 3.0mW (from FCC grant).

The FCC ID: RYYEYSHCN grant listing confirms that SAR test exemption conditions are complied with.

Conclusion

The SumUp Air can be used for Portable (or Mobile) usage.

Signature:

A handwritten signature in blue ink, appearing to read "Sunchko Sunev".

Date: 05.03.2020