RF Exposure Considerations (KDB 447498 D01)

This Model (DS-10HR) has a built-in Bluetooth Low Energy module.
Model No.: MBH7BLZ02
FCC ID: SQK-7BLZXX
Maximum average output power: 0.99 mW

The 1 g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by;
[(max. power of channel, including tune-up tolerance, mW) / (min. test separation distance, mm)] x·[√f (GHz)] ≤ 3.0 for 1 g SAR and ≤ 7.5 for 10 g extremity SAR, where

- f (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.
- When the minimum test separation distance is < 5 mm, a distance of 5 mm is applied.

Band	Freq. (MHz)	Max. Power (mW)	Distance (mm)	Threshold	Test Exclusion
Bluetooth LE	2480	0.99	< 5	0.31	YES

The minimum user separation distance was assumed to be 0 mm for the purpose of the SAR exclusion calculations.

Conclusion:

The device qualifies for the Standalone SAR test exclusion because the computed value is < 3.