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RF exposure analysis for the device FCC ID: Y82DA14580REXT; IC: 9567A-DA14580REXT)

1. Introduction

The device (FCC ID: **Y82DA14580REXT**; IC: **9567A-DA14580REXT**) is designed to be used in portable exposure conditions at a minimum distance of 15 mm.

This product integrates a Bluetooth Low Energy transmitter operated in the 2.4 GHz frequency band.

2. Output power considerations

Bluetooth Low Energy transmitter: 9.34 dBm (8.5901 mW) eirp

3. Compliance analysis

Transmitter is deemed to comply with FCC § 2.1093 requirements and IC RSS-102 Issue 5 as the output power of the device meets the conditions specified in section 4.3.1 (SAR test exclusion) considerations of the document "KDB 447498 D01 General RF Exposure Guidance v06" for any distance (output power is lower than 10 mW) and in section 2.5.1 (Exemption from Routine Evaluation Limits – SAR Evaluation) of RSS-102 Issue 5 for a separation distance of 15 mm.

According to paragraph "2.5.1 Exemption Limits for Routine Evaluation – SAR Evaluation", the exemption limits for the applicable separation distance have been calculated by linear interpolation for the following operating frequencies:

Technology	Frequency (MHz)	Distance (mm)	Exemption Limits (mW)
Bluetooth Low Energy	2402	15	15,26181818
	2440	15	14,99047619
	2480	15	11,33714286

Sincerely,

P.A.

A handwritten signature in blue ink, appearing to read 'Frank van den Dungen', with a horizontal line drawn underneath it.

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