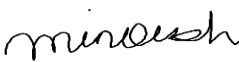


SAR Exposure Report

Test Report Number	BBN-26061721-LC-FCC-RF-SAR Exclusion	
FCC ID	2BW2P-TA39	
Applicant	Beta Bionics	
Applicant Address	11 Hughes, Irvine, CA 92618, USA	
Product Name	Mint	
Model (s)	TA000039	
Date of Receipt	06/04/2026	
Date of Test	06/12/2026	
Report Issue Date	06/17/2026	
Test Standards	47 CFR §2.1093 KDB 447498 D01 General RF Exposure Guidance v06	
Test Result	PASS	
	Issued by: Vista Compliance Laboratories 1261 Puerta Del Sol, San Clemente, CA 92673 USA www.vista-compliance.com	
 Minoush Niknam (Test Engineer)	 Jerry Bai (Technical Manager)	
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REVISION HISTORY

Report Number	Version	Description	Issued Date
BBN-26061721-LC-FCC-SAR Exclusion	01	Initial report	06/17/2026

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1 General Information

1.1 Applicant

Applicant	Beta Bionics
Applicant address	11 Hughes, Irvine, CA 92618, CA USA
Manufacturer	Beta Bionics
Manufacturer Address	11 Hughes, Irvine, CA 92618, CA USA

1.2 Product information

Product Name	Mint
Product Description	The EUT is the Mint Mini Insulin Therapy system, a wearable medical device with Bluetooth Low Energy (BLE) communication
Model Number	TA000039
Family Models	N/A
Serial Number	2999008
Frequency Band	BLE: 2402-2480MHz
Type of modulation	BLE: GFSK
Equipment Class	DTS
Antenna Information	ceramic chip antenna, P/N ANT1608LL14R2400A, 2.03 dBi Max gain
Clock Frequencies	32 MHz HF crystal, the BLE CPU speed is 64mhz
Input Power	3.0 VDC regulated supply from host system board
Power Adapter Manufacturer/Model	N/A
Power Adapter SN	N/A
Additional Info	N/A

1.3 Test standard and method

Test standard	47 CFR §1.1310 47 CFR §2.1093
Test method	47 CFR §1.1310 47 CFR §2.1093 KDB 447498 D01 General RF Exposure Guidance v06

2 Test Site Information

Lab performing tests	Vista Laboratories, Inc.
Lab Address	1261 Puerta Del Sol, San Clemente, CA 92673 USA
Phone Number	+1 (949) 393-1123
Website	www.vista-compliance.com

Test Condition	Temperature	Humidity	Atmospheric Pressure
RF Testing	23.2°C	57.5%	996 mbar
Radiated Emission Testing	23.2°C	57.5%	996 mbar

3 SAR Evaluation

3.1 Exclusion Threshold Requirement

Per KDB 447498 D01 General RF Exposure Guidance v06

General SAR test exclusion guidance

- 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:

$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot$

$[\sqrt{f(\text{GHz})}] \leq 3.0$ for 1-g SAR, and ≤ 7.5 for 10-g extremity SAR,

Where:

- $f(\text{GHz})$ 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
 - The values 3.0 and 7.5 are referred to as numeric thresholds in step b) below
- The test exclusions are applicable only when the minimum test separation distance is ≤ 50 mm, and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is < 5 mm, a distance of 5 mm according to 4.1 f) is applied to determine SAR test exclusion

- 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:

- $\{[\text{Power allowed at numeric threshold for 50 mm in step a)}] + [(\text{test separation distance} - 50 \text{ mm}) \cdot (f(\text{MHz})/150)]\}$ mW, for 100 MHz to 1500 MHz.
- $\{[\text{Power allowed at numeric threshold for 50 mm in step a)}] + [(\text{test separation distance} - 50 \text{ mm}) \cdot 10]\}$ mW, for > 1500 MHz and ≤ 6 GHz

- For frequencies below 100 MHz, the following may be considered for SAR test exclusion:

- For test separation distances > 50 mm and < 200 mm, the power threshold at the corresponding test separation distance at 100 MHz in step b) is multiplied by $[1 + \log(100/f(\text{MHz}))]$
- For test separation distances ≤ 50 mm, the power threshold determined by the equation in c) 1) for 50 mm and 100 MHz is multiplied by $\frac{1}{2}$
- SAR measurement procedures are not established below 100 MHz

When SAR test exclusion cannot be applied, a KDB inquiry is required to determine SAR evaluation requirements for any SAR test results below 100 MHz to be acceptable.

4 SAR Test Exclusion Threshold Results

Radio	Freq. (MHz)	Max. Power (dBm)	Tune-Up Tolerance (dB)	Max. Power Including Tune-up tolerance (mW)	Min. test separation distance (mm)	SAR test exclusion calculation value	1-g SAR test exclusion thresholds	Result
BLE	2480	6.608	±1	5.76	5	1.8	3	Pass

$$6.608 + 1 = 7.608 \text{ dBm}$$

$$10^{(7.608/10)} = 5.76 \text{ mW}$$

$$\text{SAR Exclusion} = 5.76 / 5 * (\sqrt{2.480}) = 1.8$$

$$1.8 < 3.0$$

Note: Maximum output power please refer to RF test report: BBN-26051161-L-RF-BLE

---END---