Eyenovia, Inc.
RF Exposure Exhibit

SCOPE OF WORK
EMC TESTING – Optejet® Dispenser Model: Microdose Dispenser 1.0

REPORT NUMBER
104729499MPK-008

ISSUE DATE
September 08, 2021

REVISED DATE
N/A

PAGES
8

DOCUMENT CONTROL NUMBER
Non-Specific Radio Report Shell Rev. December 2017 MPK

RF Exposure Exhibit
(Portable devices)

Report Number: 104729499MPK-008
Project Number: G104729499

Report Issue Date: September 08, 2021

Product Designation: Optejet® Dispenser
Model Tested: Microdose Dispenser 1.0

FCC ID: 2A2VJ-EYENOVIAGEN1

to

47CFR 2.1093
RSS-102 Issue 5

for

Eyenovia, Inc.

Tested by:	**Client:**
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Report No. 104729499MPK-008	
Equipment Under Test:	Optejet® Dispenser
Trade Name:	Eyenovia, Inc.
Model(s) Tested:	Microdose Dispenser 1.0
Applicant:	Eyenovia, Inc.
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Applicable Regulation:	47CFR 2.1093 RSS-102 Issue 5

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1.0 RF Exposure Summary

Test	Reference FCC	Reference Industry Canada	Result
Radio frequency Radiation Exposure Evaluation	47 CFR§2.1093	RSS-102 Issue 5	Complies

2.0 RF Exposure Limits

2.1 FCC Limits

According to FCC KDB 447498 D01 v06 Appendix A, at frequency 2450 MHz and separation distance of ≤ 5 mm SAR Exemption limit is ≤ 10 mW.
Note: 10-g Extremity SAR Test Exclusion Power Thresholds are 2.5 times higher than the 1-g SAR Test Exclusion Thresholds indicated above.

2.2 Industry Canada Limits

According to RSS-102 sec. 2.5.1 table 1, at frequency 2450 MHz and separation distance of ≤ 5 mm SAR Exemption limit is ≤ 4 mW.
Note: For limb-worn devices where the 10-gram value applies, the exemption limits for routine evaluation in Table 1 of RSS-102 are multiplied by a factor of 2.5.

3.0 Test Results (Portable Configuration)

3.1 Classification

For purposes of this section, a portable device is defined as a transmitting device designed to be used so that the radiating structure(s) of the device is/are within 20 centimeters of the body of the user. Per the applicant, Optejet® Dispenser is not intended to be worn on the body.

3.2 EIRP calculations

The Optejet® Dispenser consists of Bluetooth Low Energy radio.

3.3 Maximum RF Power

Frequency Range (MHz)	RF Output (dBm)	Antenna Gain[1] (dBi)	Note
2402-2480	-1.03	0.5	Conducted power measurements were taken from Report # 104729499MPK-007.

[1]As declared by the manufacturer.

3.4 RF Exposure Calculation for Optejet® Dispenser

3.4.1 RF Exposure calculation for FCC KDB 447498 D01 v06

According to FCC KDB 447498 D01 v06 Appendix A, at frequency 2450 MHz and separation distance of ≤ 5 mm SAR Exemption limit is ≤ 10 mW.

Max Peak Conducted Power measured = -1.03 dBm or 0.789 mW

No duty cycle was considered.

Therefore, the Maximum EIRP calculated is -1.03 dBm (RF Conducted Power) + 0.5 dBi (Antenna Gain) = -0.53 dBm or 0.885 mW.

Results: SAR evaluation is not required since the higher of the maximum conducted or equivalent isotopically radiated power (EIRP) source-based, time averaged output power is below the exemption limit.

Note: Antenna gains below 0 are considered as 0dBi.

3.4.2 RF Exposure calculation for RSS-102 Issue 5

According to RSS-102 sec. 2.5.1, at frequency 2450 MHz and separation distance of ≤ 5 mm SAR Exemption limit is ≤ 4 mW.

Max Peak Conducted Power measured = -1.03 dBm or 0.789 mW

No duty cycle was considered.

Therefore, the Maximum EIRP calculated is -1.03 dBm (RF Conducted Power) + 0.5 dBi (Antenna Gain) = -0.53 dBm or 0.885 mW.

Results: SAR evaluation is not required since the higher of the maximum conducted or equivalent isotopically radiated power (EIRP) source-based, time averaged output power is below the exemption limit.

Note: Antenna gains below 0 are considered as 0dBi.

4.0 Document History

Revision/ Job Number	Writer Initials	Reviewers Initials	Date	Change
1.0/ G104729499	AC	KV	September 08, 2021	Original document