



EMC Test Data

Client:	Ondas Networks	PR Number:	PR190061
Model:	Airlink ACSES	T-Log Number:	TI190061-RA
Contact:	Bryan Wing	Project Manager:	Christine Krebill
Standard:	FCC Parts 15, 80, 90 and 95	Project Engineer:	David Bare
		Class:	N/A

Maximum Permissible Exposure / SAR Exclusion

Specific Details

Objective: Evaluate the RF Exposure requirements per FCC 1.1307.

Date of Test: 7/21/2025

Test Engineer: David Bare

General Test Configuration

RF Exposure exemption calculation formula is from FCC Rules §1.1307(b)(3)(i)(C) Table 1 suitable for use between 30 and 300 MHz:

Exemption threshold = $3.83 \cdot R^2$ for $R > \lambda/2\pi$ meters

Summary of Results

Device complies with MPE exclusion at 6.22 m separation:	Yes
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Deviations From The Standard

No deviations were made from the requirements of the standard.

FCC §1.1307(b)(3)(i)(C) MPE based test exemption threshold for portable, mobile and fixed devices operating between 30 and 300 MHz where R (minimum separation distance) is at least $\lambda/2\pi$.

For 30-300 MHz single transmitters (General use)

Freq. MHz	EUT Power		Cable Loss Loss dB	Ant Gain dBi	Power at Ant dBm	ERP W	Minimum separation distance @ m	Exemption Limit ERP W
	dBm	W						
216	41.9	15.3	0	12	41.9	147.9	6.22	148.2

Note: EUT power adjusted for tune-up tolerance of 0.25dB and maximum 50% duty cycle.