

## Test Report

Prepared for: Wave Central

EUT Name: Axis Transmitter  
Model: AXISTX

FCC ID: 2AD9D-AXTXD16

To

FCC Part 2.1093

Date of Issue: November 30, 2022

On the behalf of the applicant:

Wave Central  
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Attention of:

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### Test Report Revision History

Revision	Date	Revised By	Reason for Revision
1.0	November 30, 2022	Alex Macon	Original Document

## ANAB

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The tests results contained within this test report all fall within our scope of accreditation, unless noted below.

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**FCC Site Reg. #349717**

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**N/A**

## EUT Description

**Model:** AXISTX

**Description:** Commercial audio/video transmitter

**Serial Number:** 12554

### Transmitter Description

Frequency Range: 5725 – 5850 MHz

Antenna Type: Dipole Antenna

Antenna Gain: 6 dBi

Grant Output Power: 65.464 mW (Conducted)

Formula	$S = P \cdot G / 4 \cdot \pi \cdot r^2$				
Power Density (S) mw/cm <sup>2</sup>	Power mW (P)	Neumarc Gain (G)	Distance (r <sup>2</sup> ) cm	Duty Cycle	
0.2073426070	65.464	3.98	10	1	

**The limit is 1.0 mW/cm<sup>2</sup>**

**The EUT passes with a 10cm distance.**

1.1307(b)(3)(i)(B) P Threshold									
				Portable 2.1093			Mobile 2.1091		
Frequency GHz	ERP <sub>20cm</sub> mW	x	d cm	P <sub>th</sub> (0.5 ≤ d ≤ 20 cm)		Limit Ratio	P <sub>th</sub> (20 < d ≤ 40 cm)		Ratio to Limit
				mW	dBm	ERP <sub>dut</sub> / P <sub>th</sub>	mW	dBm	ERP <sub>dut</sub> / P <sub>th</sub>
0.3 - 1.5	11832.000	2.677	10	1850.610	32.673	0.141	11832.000	40.731	0.022
1.5 - 6	3060.000	2.089	10	719.092	28.568	0.362	3060.000	34.857	0.085

END OF TEST REPORT