Compliance Testing, LLC
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Test Report

Prepared for: NextLink Video Communications

Model: Starlink Wireless 1525

Description: 2.4 GHz Wireless Transmitter

Serial Number: N/A

FCC ID: WPSSL-1525-T8RX1

To

FCC Part 1.1310

Date of Issue: March 10, 2016

On the behalf of the applicant:	**NextLink Video Communications** **9810 E 2nd St** **Tucson, AZ 85748**
Attention of:	**Van Sarkiss, CEO** **Ph: 520-444-7311** **Email: van@nextlinkvideo.com**

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Project No: p1510007

Alex Macon
Project Test Engineer

Test Report Revision History

Revision	Date	Revised By	Reason for Revision
1.0	March 8, 2016	Alex Macon	Original Document

ILAC / A2LA

Compliance Testing, LLC, has been accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer joint ISO-ILAC-IAF Communiqué dated January 2009)

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

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Testing Certificate Number: **2152.01**

FCC Site Reg. #349717

IC Site Reg. #2044A-2

Non-accredited tests contained in this report:

N/A

EUT Description
Model: Starlink Wireless 1525
Description: 2.4GHz Wireless Transmitter
Firmware: N/A
Software: N/A

Additional Information:
The Starlink Wireless 1525 is a wireless transmitter which transmits in the 2.4GHz range. Its intended use is as a portable means to transmit video.

Source Based Time Averaged Power Calculation

Average Power calculations

Average Power = Peak Power * duty-cycle%

Tuned Frequency (MHz)	Conducted Peak Output Power (mW)	Duty Cycle (%)	Average Power (mW)
2470	700	100	700 mW

MPE Evaluation

This is a portable device used in Uncontrolled Exposure environment.

Limits Uncontrolled Exposure 47 CFR 1.1310 Table 1, (B)		
	0.3-1.234 MHz:	Limit [mW/cm²] = 100
	1.34-30 MHz:	Limit [mW/cm²] = (180/f²)
	30-300 MHz:	Limit [mW/cm²] = 0.2
	300-1500 MHz:	Limit [mW/cm²] = f/1500
	1500-100,000 MHz	Limit [mW/cm²] = 1.0

Test Data

Test Frequency, MHz	2470
Power, Conducted, mW (P)	700
Antenna Gain Isotropic	6 dBi
Antenna Gain Numeric (G)	3.98
Antenna Type	sma
Distance (R)	20 cm

$S = \frac{P * G}{4\pi r^2}$
Power Density (S) mw/cm^2

Power Density (S) = 0.5542
Limit =(from above table) = 1.0

END OF TEST REPORT