



May 15, 2017

FCC ID: TMB-OSDI4W1

Product Name: Open Smart Device Interface (OSDI) SecureMesh Module

Applicant: Trilliant Networks Inc.

Class II Permissive change

Dear Examiner,

This is to request a Class II Permissive change for the OSDI SecureMesh module product originally granted in Mai 2016.

The changes under this application is to add OFDM modulation and the following antenna with its trace design in the single-modular approval:

Manufacturer	Type	Part number	Gain (dBi)	Connector
Molex	Omnidirectional	1461530100	3.0 @ 2.4 GHz	U.FL

Previous fillings were done with the following antennas in a single-modular approval:

Manufacturer	Type	Part number	Gain (dBi)	Connector
Trilliant	M antenna	CP-0299A	4.8	Trace on board
Linx	Planar	ANT-2.4-uSP	3.8	Trace on board
Mobile Mark	Omnidirectional	IMAG5-2400-3K-BLK-120	5.0	TNC Plug-RP
L-Com	Omnidirectional	HG2403RD-RTF	3.0	TNC Plug-RP

And the following antennas in a limited single-modular approval:

Manufacturer	Type	Part number	Gain (dBi)	Connector
Larsen	Omnidirectional	R02406NM	6.0	SMA
Mobile Mark	External strip	CVS-2400-2SA-BLK-13	2.0	SMA

The use of the OSDI SecureMesh module in new products involve adding this new antenna.

I attest that the certified device will not be capable of ad-hoc mode operation outside of the grant conditions.

Sincerely,

Daniel Tousignant, ing.
Certification & Compliance Eng.

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