

## Declaration of Product Modifications

Date: December 28, 2018

This is to request a Class II permissive change for FCC ID: SLE-W2X50A, originally granted on 05/05/2016. (NII of New rule) and 05/30/2012(DTS).

The major change filed under this application is:

Change

#1: Add a new antenna, the antenna type is the same, the 2.4GHz antenna gain is higher than the original application 5GHz antenna gain is lower than the original application.

Origina (dBi)	New (dBi)	Freq Band
1.21	2.04	2.4GHz
1.73	0.81	5.150-5.250 GHz
1.73	0.38	5.250-5.350 GHz
1.73	-1.39	5.470-5.725 GHz
1.73	-0.39	5.725-5.850 GHz

#2: To replace some EOL components, we re-design the PCB board which changes the details as below.

Components no.	Changes	Before	New
Flash	U4	Same electrical characteristics, different capacity	64Mb
RTC Crystal	X1	Same electrical characteristics	NA
Socket connector	JP4	Removed the connector	NA
Ethernet PHY	U15	Same electrical characteristics	NA
CPLD	U21	Change CPLD to a logic IC, the working voltage is different	CPLD(3.3V)
			logic (5V)

#3: The originally application of DTS band is 802.11 b/g , add 802.11n-20 mode through Software changes.

#4: The originally application of NII band is 802.11a , add 802.11n-20 mode through Software changes.

Sincerely,



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Title: Director

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