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Chief, Authorizations Branch
Federal Communications Commission
7435 Oakland Mills Road
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July 11, 2008

**RE: Class II Permissive Change Application for Artimi Ltd RDK Model A-150 Adaptor
Host Wire Proxy Module
FCC ID: S8S-A-150-PCBA027**

To Whom It May Concern:

The intent of this letter is to request a Class II permissive change for FCC ID: S8S-A-150-PCBA027.

Artimi Ltd has implemented the following changes shown in the table below to the product that would ship under FCC ID: S8S-A-150-PCBA027.

Item	Change	Reason for Change
1	Changed MAC CLKOUT series termination resistor R27 from 12R to 0R	Series termination is not needed as PCB trace is only 1" long. This does not affect the performance of the RF PHY circuits.
2	Made all 10k resistors to 1% tolerance	This is to reduce the number of component reels used in board assembly.
3	Disconnected ISP1761 (U6) VBAT_ON from 3V3	Open collector output connected to 3V3 Rail causing 50mA current drain. This is to reduce current consumption from 5V host supply. This change does not affect the RF performance.
4	Added a FET slow start circuit to PHY Supply rail. Added R1 = 10R Added R2 = 10k Changed R120 = 10k Added C1 = 100nF	Inrush current into switched PHY_3V3 rail causes a surge on VBUS that exceeds the USB2.0 current limit requirement of 500mA maximum. Adding a slow start circuit of 2ms ramp time limits the current to < 350mA This change does not affect the RF performance.
5	Changed the dielectric type on the following cap: C32, C97 to X5R type	Tighten tolerance to meet USB2.0 Inrush Spec mentioned above. This change does not affect the RF performance.



Item	Change	Reason for Change
6	Changed C10, C55 and C68 = No Fit Reduced C84 and C128 from 10uF to 4u7F Reduced C129 from 22uF to 10uF Reduced C8 from 22uF to 1uF Reduced C57, C64, C65 from 10uF to 4u7F	Additional bulk capacitor changes that are required to meet for USB2.0 Inrush. This change does not affect the RF performance.
7	Added C24, C26 and C28 = 100nF	FIT additional HF capacitors on 1V2 rail as Bulk capacitor have been removed.
8	Added flammability rating UL94V-0 on the PCB silk screen print	Required for product release.
9	Changed PCB Revision to Issue 3	For manufacturing change control.

No other changes have been made to the Transmitter module

Yours sincerely

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