

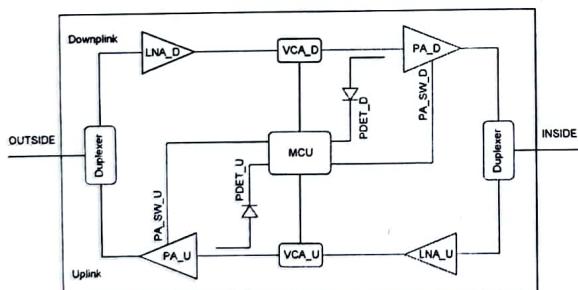
Declaration Letter

TO:
 Federal Communications Commission
 Equipment Authorization Division
 7435 Oakland Mills Road
 Columbia, MD 21046
 USA
 FCC ID: 2ALZEUSF7

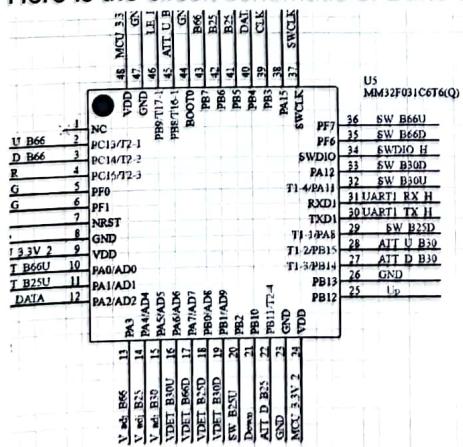
Date: Jul. 13, 23

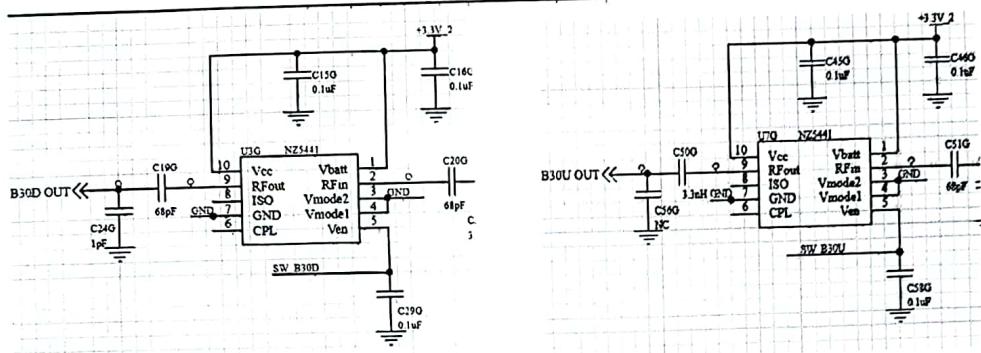
1. During the product design phase, the implications of utilizing the frequency bands associated with Band 30 for industrial purposes instead of commercial use were not taken into account. Consequently, indicators referencing Band 30 were incorporated into the product's design.
2. Following the completion of certification and subsequent commercialization of the product, it was ensured that the final certified version does not possess the functionality associated with Band 30. However, the presence of the Band 30 indicator on the product is intended solely for markets in other countries, where the utilization of Band 30 is permitted for commercial purposes.
3. We have turned off band 30 in the final production and sale of the product, details are as follows:

Here is the working diagram of our product model of AN-USF7:



Here is the circuit schematic of Band 30:





Pin 33 of component U5 controls the Downlink Power Amplifier (PA) for Band 30, while pin 32 of component U5 controls the Uplink Power Amplifier (PA) for Band 30. These pins enable independent control of the amplification or deactivation of signals in the Downlink and Uplink channels of Band 30.

The circuit design for each band in the product remains identical, enabling independent control of the Power Amplifiers (PAs) for Downlink and Uplink through the Microcontroller Unit (MCU). The MCU governs the operation of the PAs by manipulating control pins associated with each band. Specifically, when the MCU control pin is set to a high level, the PA is activated, amplifying the signal in the corresponding link. Conversely, setting the MCU control pin to a low level deactivates the PA, causing the link to cease operation.

To address the specific requirements of Band 30 and B71, modifications were made to the MCU program. These modifications ensure that the control pins responsible for the PAs of Band 30 and B71 consistently maintain a low-level output through our software. As a result, these two bands remain in an off status, as they cannot be triggered into a high-level state.

This software-based alteration guarantees that the PAs associated with Band 30 and B71 remain deactivated, in alignment with the intended design and functionality of the product. This allows for precise control and operation of the remaining bands while ensuring that Band 30 and B71 are effectively kept in an off state.

Sincerely,



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