



March 16, 2022

Federal Communications Commission
Equipment Authorization Branch
7435 Oakland Mills Road
Columbia, MD 21046

Ref: FCC ID: DKNHR44

Dear Examiner,

Dish completed FCC Certification of our D45 model in 2021 under FCC ID: DKNRW33. This product is a composite device consisting of a 2.4GHz RF4CE radio, a 2.4GHz BT/BLE radio and a 5GHz 802.11ax client radio. The three radios operate independent of each other however we certified the whole product and not the individual radios under one FCC ID.

Due to global silicon chipset shortages the original BT/BLE radio chipset vendor is unable to fulfill orders however we still desire to produce the D45 product.

We have redesigned the BT/BLE radio portion of the product to accommodate a new BT/BLE radio chipset vendor which is more plentiful in commerce.

The RF4CE and 802.11ax radio portions of the product and all other aspects (digital, PSU, etc.) remain wholly unchanged.

The new FCC Certification submission for D45 under FCC ID: DKNHR44 is utilizing the data previously obtained for the RF4CE and 802.11ax radios under FCC ID: DKNRW33 and new data taken for the redesigned BT/BLE radio. We attest that the BT/BLE radio is the only change to D45 and that the RF4CE and 802.11ax radios operation, design, layout, signaling, firmware, etc. have not changed for this version of the product in any way. The previous data, reports, and operating parameters remain unchanged for FCC ID: DKNHR44.

If you have any questions regarding this application, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Ian Schroeder". The signature is fluid and cursive, with a long horizontal stroke at the end.

Ian Schroeder
Regulatory Compliance Engineer
Dish Technologies L.L.C.