

## Gould, Evan

---

**From:** oetech@fcc.gov  
**Sent:** Thursday, August 31, 2023 2:43 PM  
**To:** Gould, Evan  
**Subject:** Response to Inquiry to FCC (Tracking Number 652795) (TCB)

**Importance:** High

**"Attention! External Mail. Be careful with Links/Attachments!"**

**Inquiry on 08/24/2023 :**

**Inquiry:**

Hi,

Nokia's FCC ID: AS57705SARHMC-1 is a CBRS device approved last year. They had it tested to Category A limits, planning for a 7dBi gain antenna.

They now apparently have a situation in which a certain deployment will require category B power levels to be allowed to operate by a SAS.

The Grant was issued listing output power as EIRP. Is there a way to accommodate an increase in antenna gain with a Permissive Change? In KDB 178919 section II(B), the policy states:

"Antenna changes may be made without an authorization request, if adherence to the grant conditions for RF exposure compliance and applicable maximum ERP/EIRP rules are observed. Otherwise, an equipment authorization application is required."

Does "Otherwise..." mean that a change can be made with a Permissive Change? Or does that indicate that a new FCC ID is required? In most places in the document, when a change is not allowed, the verbiage used is "...new grant of certification (FCC ID)"

If Nokia makes the appropriate reassessment of the RF Exposure situation, and updates their allowed antenna gain to increase to category B EIRP levels, can this be processed with a Class II Permissive Change?

Thank you,  
Evan

**FCC response on 08/31/2023**

The change you have described here may be done with a Class II permissive change. In KDB Publication 178919 Section II Antenna Changes Part B applies to antenna replacement for licensed service transmitters. Why didn't you file FCC ID: AS57705SARHMC-1 as a composite with Wi-Fi and Bluetooth? You need to identify all modules in the report.

**Attachment Details:**

Do not reply to this message. Please select the [Reply to an Inquiry Response](#) link from the OET Inquiry System to add any additional information pertaining to this inquiry.