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To Whom It May Concern:

This letter is to summarize the Class II permissive changes being made to the operational parameters of the frequency hopping spread spectrum radio module known by its FCC Identifier UE300DX80-2400.

- The certification is expanded to allow flexibility in choice of two operational parameters:
 - N, Number of channels ($15 \leq N \leq 27$)
 - H, duration of time spent on a given channel ($0.64 \text{ ms} < H \leq 46.8 \text{ ms}$) (Not necessarily all of the time spent on a given channel is for transmitting.) ON times will range from 0.33 ms to 1.2 ms.
- Flexibility in the choice of the number of channels and the timing of a frequency change or hop:
 - Reduce the number of channels to (as few as) the minimum number required by FCC Part 15.247(a)(1)(iii), or 15 channels. These 15 channels will be a subset of the existing 27 channels.
 - Increase the number of consecutive transmissions on a single frequency from the present one (hop every Transmit event) to as many as eight (eight short burst transmissions and then a channel hop.)
- The transmitter ON time does not increase from the present 1.2 ms. (In some cases, it may decrease, going as low as 0.33 ms.) The particular microcontroller routines for enabling and disabling the transmitter will not change, either.
- Consideration has been given to the two areas of the requirements impacted by these changes:
 - Time of occupation, or "dwell time"
 - Average field strength calculations for radiated emissions limits
- No combination of values within the above proposed limits on N, H, or channel hopping will result in an out of compliance condition

Sincerely,

A handwritten signature in black ink, appearing to read "Brent Holm".

Brent Holm