

**Declaration of narrow banding for FCC identifier 2AOHPBST50A and 2AOHPMP50A**

Axnes AS, as the designer and manufacturer of the PNG system, hereby declares the PNG system including the MP50 and BST50 with FCC identifier 2AOHPBST50A and 2AOHPMP50A, certified for part 90 operation, meets the spectrum efficiency standard as specified by 47 CFR § 90.203.(j).(5).

The system utilizes 25KHz channel bandwidths, and transmits digital information, containing voice and data.

- One 25KHz channel carries up to 5 voice channels giving 1.25 voice channels per 6.25KHz of channel bandwidth.
- The data rate is up to 80Kbps per 25KHz channel, giving a data rate of 20Kbps per 6.25KHz of channel bandwidth.
- The output power is less than 500 mW.



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Petter Johnsen (Chief Technical Officer)  
on behalf of Axnes AS

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