

Declaration of narrow banding for FCC identifier 2AOHPMP30A, 2AOHPBST50A and 2AOHPMP50A

Axnes AS, as the designer and manufacturer of the PNG system, hereby declares the PNG system including the MP50, MP30 and BST50 with FCC identifier 2AOHPBST50A and 2AOHPMP50A, and 2AOHPMP30A 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 digital coded and encrypted voice and data. The system supports two modulation schemes with 16QAM and 8PSK.

- The data rate is 80Kbps per 25KHz channel for 16QAM mode, giving a data rate of 20Kbps per 6.25KHz of channel bandwidth.
- The data rate is 60Kbps per 25KHz channel for 8PSK mode, giving a data rate of 15Kbps per 6.25KHz of channel bandwidth.
- The output power is less than 500 mW.



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on behalf of Axnes AS

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