



1(1)

Datum/Date

Ert datum/Your date

2004-09-28

Handläggare, telefon/Handled by, telephone

Anders Salomonsson +46 8 798 09 21

Vår referens/Our reference

92256

Er referens/Your reference

Attention:

Application Examiner

Reviewing Engineer

Re: Duty cycle

Applicant: Saab Communication AB

FCC ID: RQASRR300ME
RQASRR300AP

With the ME configured as a Master with no audio channel opened the ME transmits a data pattern, which is repeated every 20 ms. When no audio is transmitted the ME transmits data during the first 0.60 ms in each period of 20 ms. The duty cycle is then theoretically $0.60/20=0.03$ or 3%.

When the user wants to talk he pushes the PTT- button and the ME opens an audio channel by transmitting data during additional 2.5 ms. The duty cycle will then be $(0.6+2.5)/20=0.155$ or 15,5%, which is the duty cycle when one person is talking continuously.

Sincerely,

Anders Salomonsson
Certification Manager
Saab Communication AB

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