

From: Monte, Mark [mmonte@titan.com]
Sent: Monday, December 05, 2005 4:27 PM
To: John Kennedy
Cc: Leclair, Christian; Dolby, Leman; Friend, Dave; Marks, Scott
Subject: File Number: 0302-EX-PL-2005

Hi John,

Here is the information you requested:

Stop Buzzer POC's:

Jeremy Black: 858 552 9459 (Office), 619 666 8876 (Cell)

Daniel Quinones: 858 535 3626 (Office), 760-586-0923 (Cell)

Secondary: Mark Monte: (858) 552-9944 (Office), (858) 699-1248 (Cell)

The AN/VRC-99B is a secure radio system operating in the 1.708-1.98 GHz band is intended for Line Of Sight (LOS) communications only. The radio employs a fixed slot time

domain multiple access (TDMA) QPSK spread spectrum technique that supports a maximum of 16 radios. In the application we have considered this to be a G7D frequency emission. A user

selectable burst rate of 625 kbps to 10 Mbps governs throughput as well as receiver

sensitivity.

As the burst rates can be put into an adaptive mode, the means that the frequency bandwidth occupied by the spread spectrum QPSK signal may dynamically increase and decrease giving it a direct sequence (DS) and frequency hopped (FH) spread spectrum. In the application we have considered this to be a GXD frequency emission.