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Modulating Signal Description:

This document describes the modulating signals. The 903.5 and 948.5 MHz Emitters are based on the well-known digital cellular radio standard GSM. This uses so-called BT = 0.3 GMSK modulation. The channel bit rate is 270.8333 kbps.

The 106.5 MHz signal is based on a Dicom RF1302 FM handheld radio. The peak frequency deviation is 6.5KHz and the voice signal bandwidth is 300-3000 Hz.