

## GENERAL INFORMATION

### 1.1 Product Description

The Equipment Under Test (EUT) is a RELM Wireless Corporation, Model RPV516A. The EUT is a VHF FM Portable transceiver which operates on 16 programmable channels (25 kHz and/or 12.5 kHz) within the 150.0 to 174.0 MHz range.

The unit is manufactured by the following company:

Shenzhen HYT Science & Technology Co., Ltd.  
R2-A 1/F  
Shenzhen High-Tech Industrial Park  
Shennan Road  
Shenzhen China Postcode: 518057

### Information Required Calculate Necessary Bandwidth

Wide Band:

M = 3000

D = 5000

K = 1.0 from table III-A

$2M + 2DK = 16,000$

Narrow Band

M = 3000

D = 2500

K = 1.0 from table III-A

$2M + 2DK = 11,000$