



COMPANY NAME: COM NET ERICSSON.  
EUT: UHF-M SPLIT 450-488 MHz PANTHER 300M  
CLIENT REFERENCE NUMBER: QRTL00-257  
WORK ORDER NUMBER: 2000279  
FCC ID: OWDTR-0005-A

## 7.0 FCC Rules and Regulations Part 2 §2.1047 (a): Modulation characteristics - AUDIO FREQUENCY RESPONSE

### 7.1 Test Procedure

ANSI/TIA/EIA-603-1992, section 2.2.6

The audio frequency response is the degree of closeness to which the frequency deviation of the transmitter follows a prescribed characteristic.

The input audio level at 1000 Hz is set to produce 20% of the rated system deviation. This point is shown as the 0 dB reference level, noted DEVref.

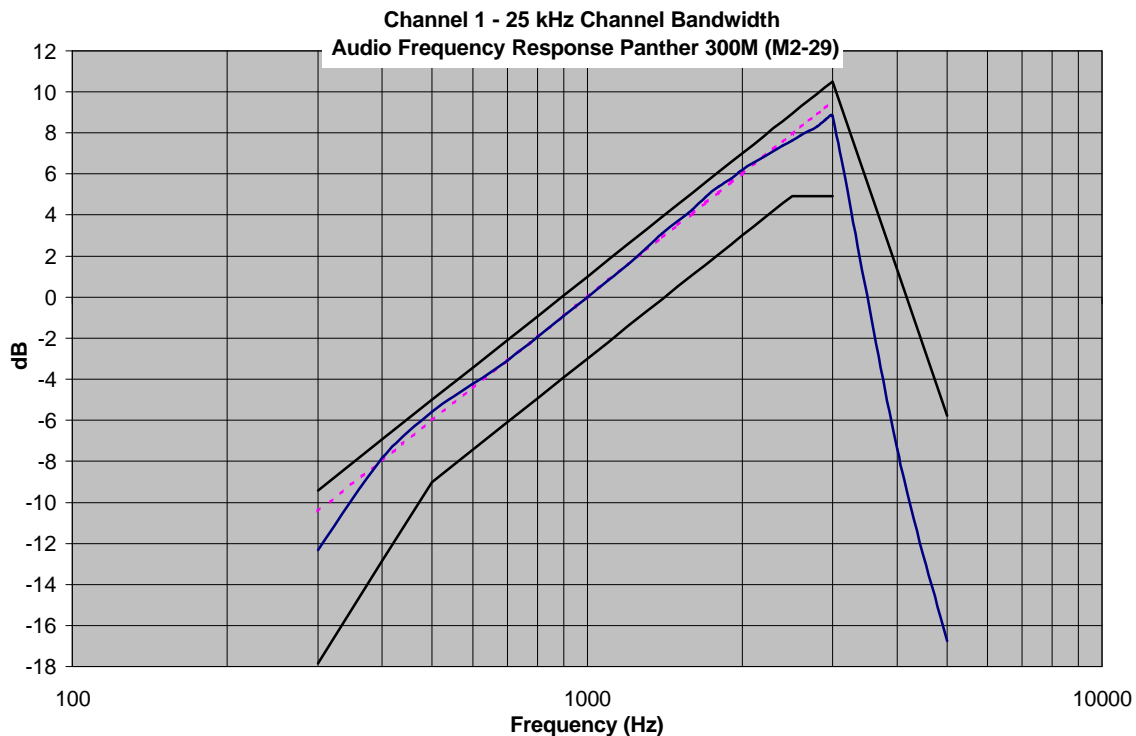
The audio signal generator was varied from 100Hz to 5kHz with the input level held constant.

The deviation in kHz was recorded using a modulation analyzer as DEVfreq.

The response in dB relative to 1 kHz was calculated as follows:

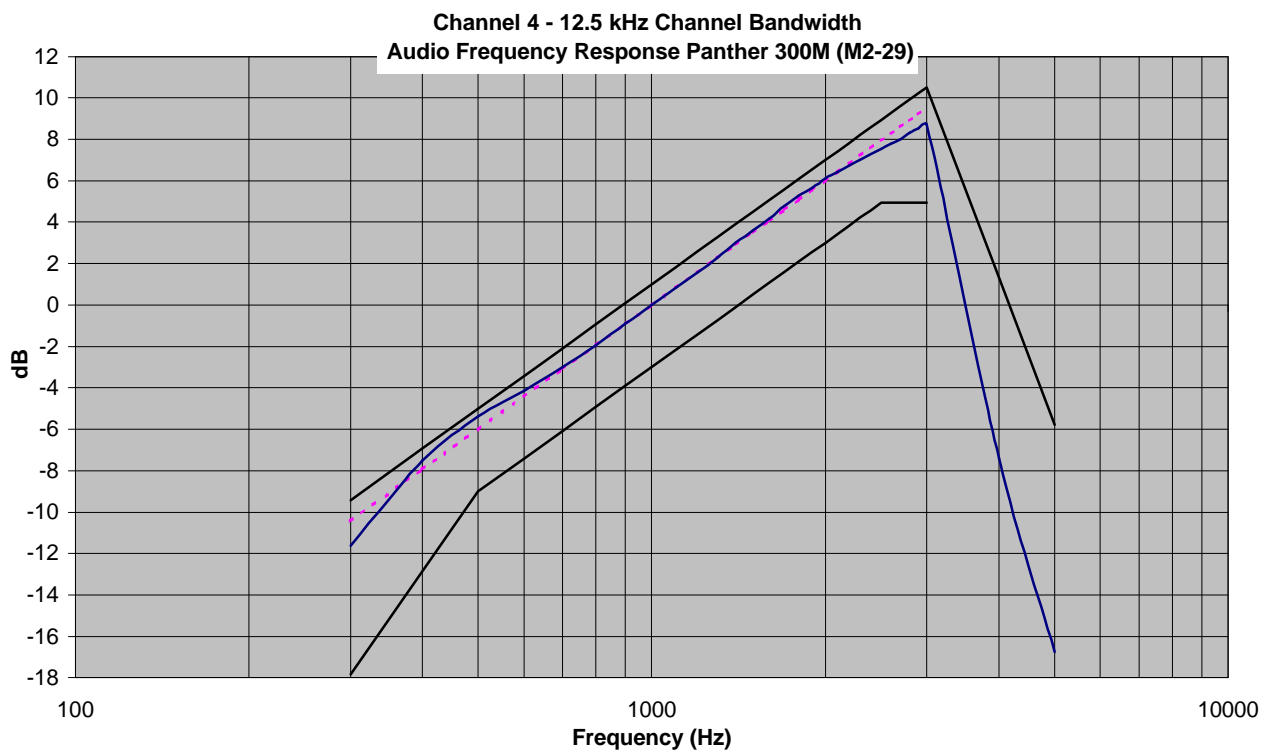
$$\text{Audio Frequency Response} = 20 \text{ LOG (DEVfreq/DEVref)}$$

### 7.2 Test Data





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### 7.3 Test Equipment

Audio generator	HP3336B	s/n 2127A00559
Modulation analyzer	HP8901A	s/n 2545A04102