



COMPANY NAME: COM NET ERICSSON.
EUT: UHF-M SPLIT 450-488 MHZ PANTHER 300P
CLIENT REFERENCE NUMBER:
WORK ORDER NUMBER: 2000278
FCC ID: OWDTR-0003-A

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

8.1 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.

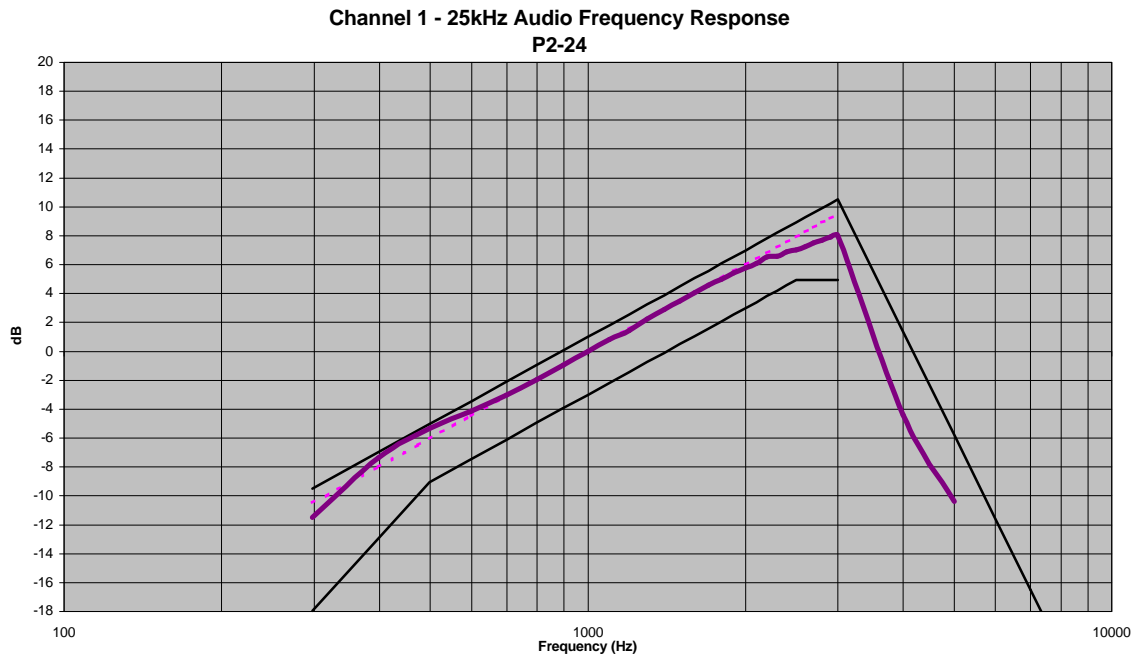
The audio signal generator was varied from 100Hz to 5kHz with the input level held constant.

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

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

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

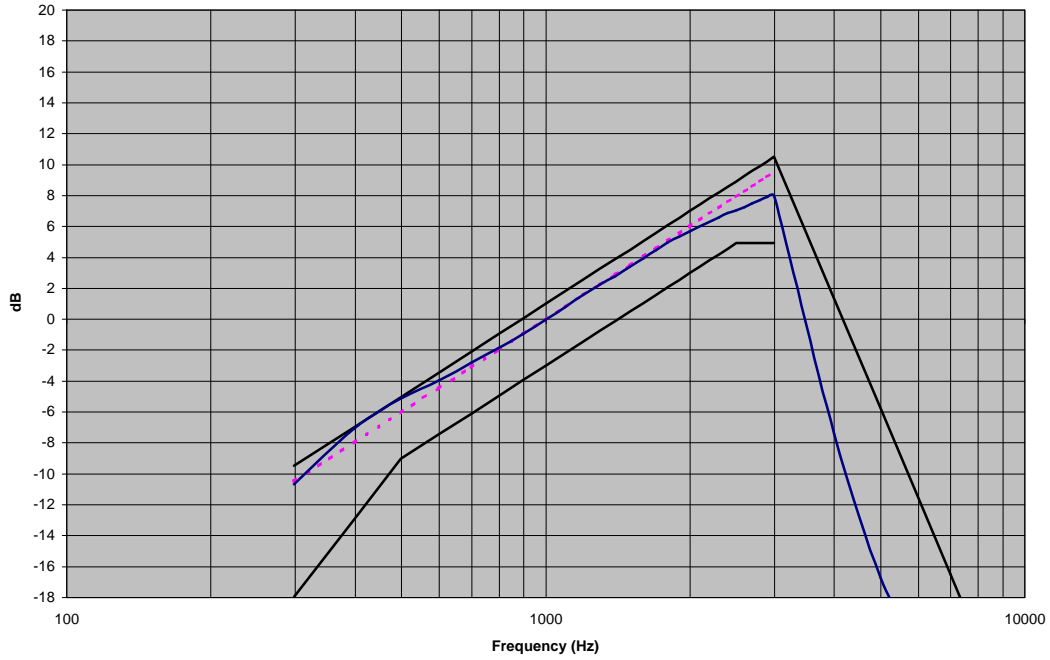
8.2 Test Data





COMPANY NAME: COM NET ERICSSON.
EUT: UHF-M SPLIT 450-488 MHZ PANTHER 300P
CLIENT REFERENCE NUMBER:
WORK ORDER NUMBER: 2000278
FCC ID: OWDTR-0003-A

Channel 4 - 12.5 kHz Audio Frequency Response
P2-24



8.3 Test Equipment

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