



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

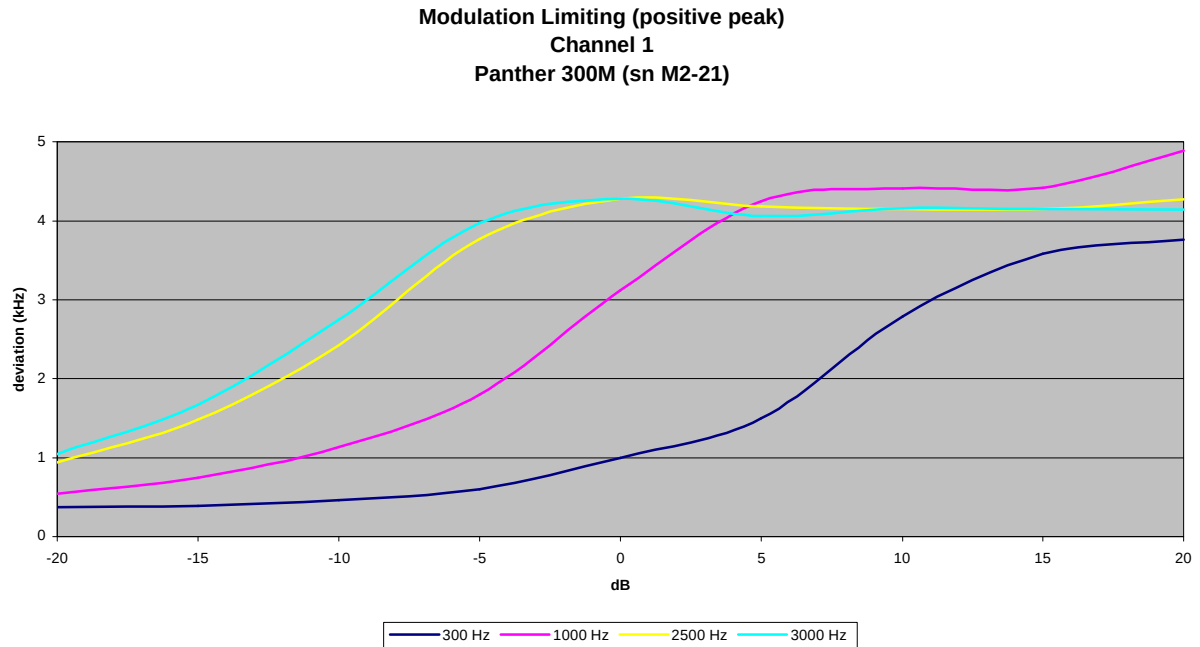
9.0 FCC Rules and Regulations Part 2 §2.1047 (b): Modulation Characteristics - MODULATION LIMITING

9.1 Test Procedure

ANSI/TIA/EIA-603-1992, section 2.2.3

The transmitter is adjusted for full rated system deviation. The audio input level is adjusted for 60% of rated system deviation at 1000Hz. Using this level as a reference (0dB) the audio input level is varied from the reference to a level +20 dB above it and -20 dB under it, for modulation frequencies of 300Hz, 1,000Hz, and 2,500Hz. The system deviation obtained as a function of the input level is recorded. Both Positive and Negative Peak deviations were recorded.

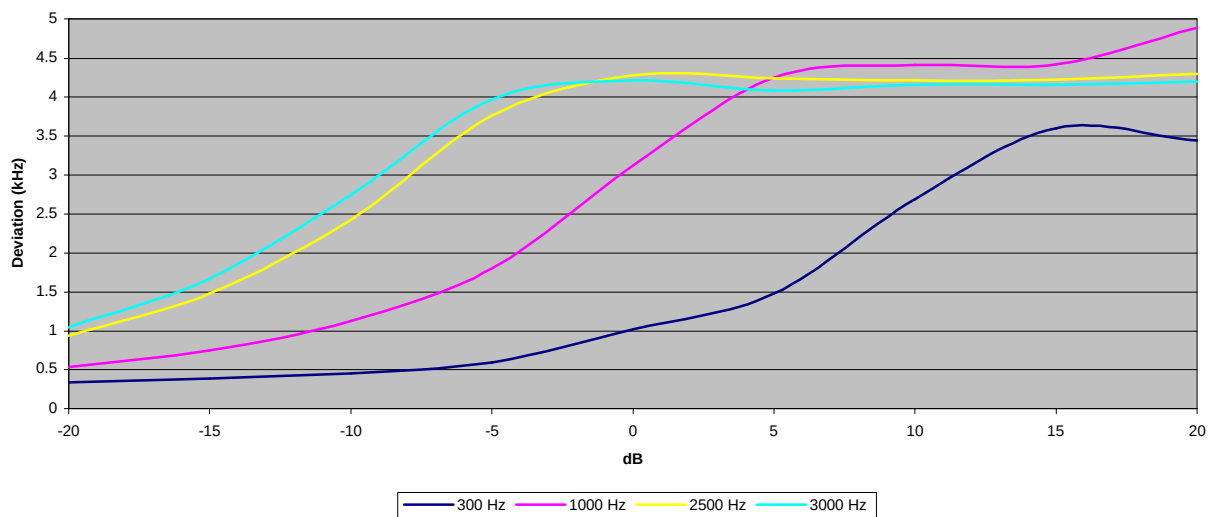
9.2 Test Data



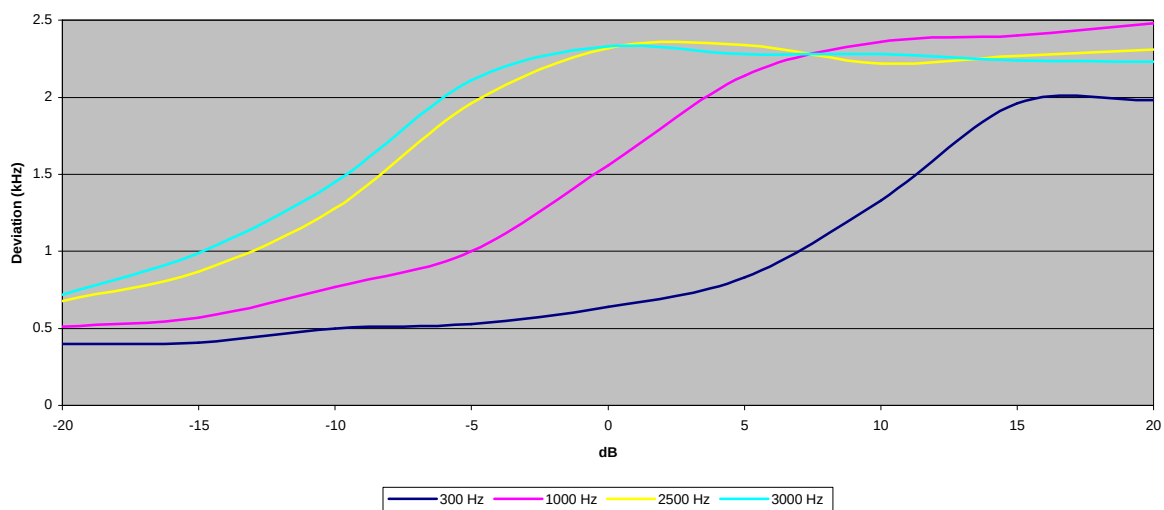


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Modulation Limiting (negative peak)
Channel 1
Panther 300M (sn M2-21)



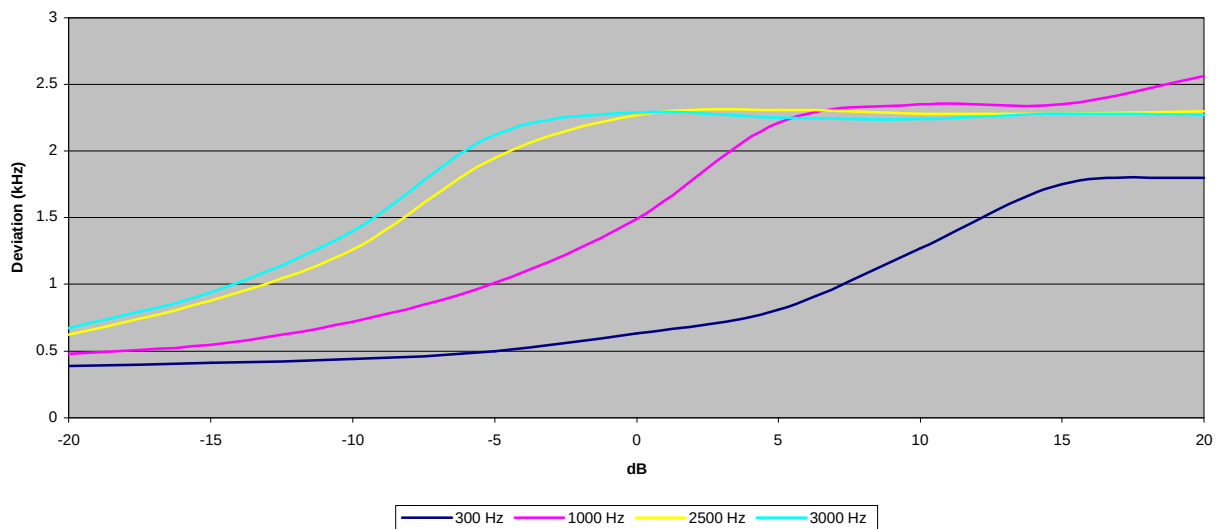
Modulation Limiting (positive peak)
Channel 4
Panther 300M (sn M2-21)





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Modulation Limiting (negative peak)
Channel 4
Panther 300M (sn M2-21)



9.3 Test Equipment

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