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RF POWER OUTPUT DATA

The input supply to the transmitter was set at 13.7 Volts. The RF power output was measured with the indicated voltage and current applied into the final RF amplifying device(s).

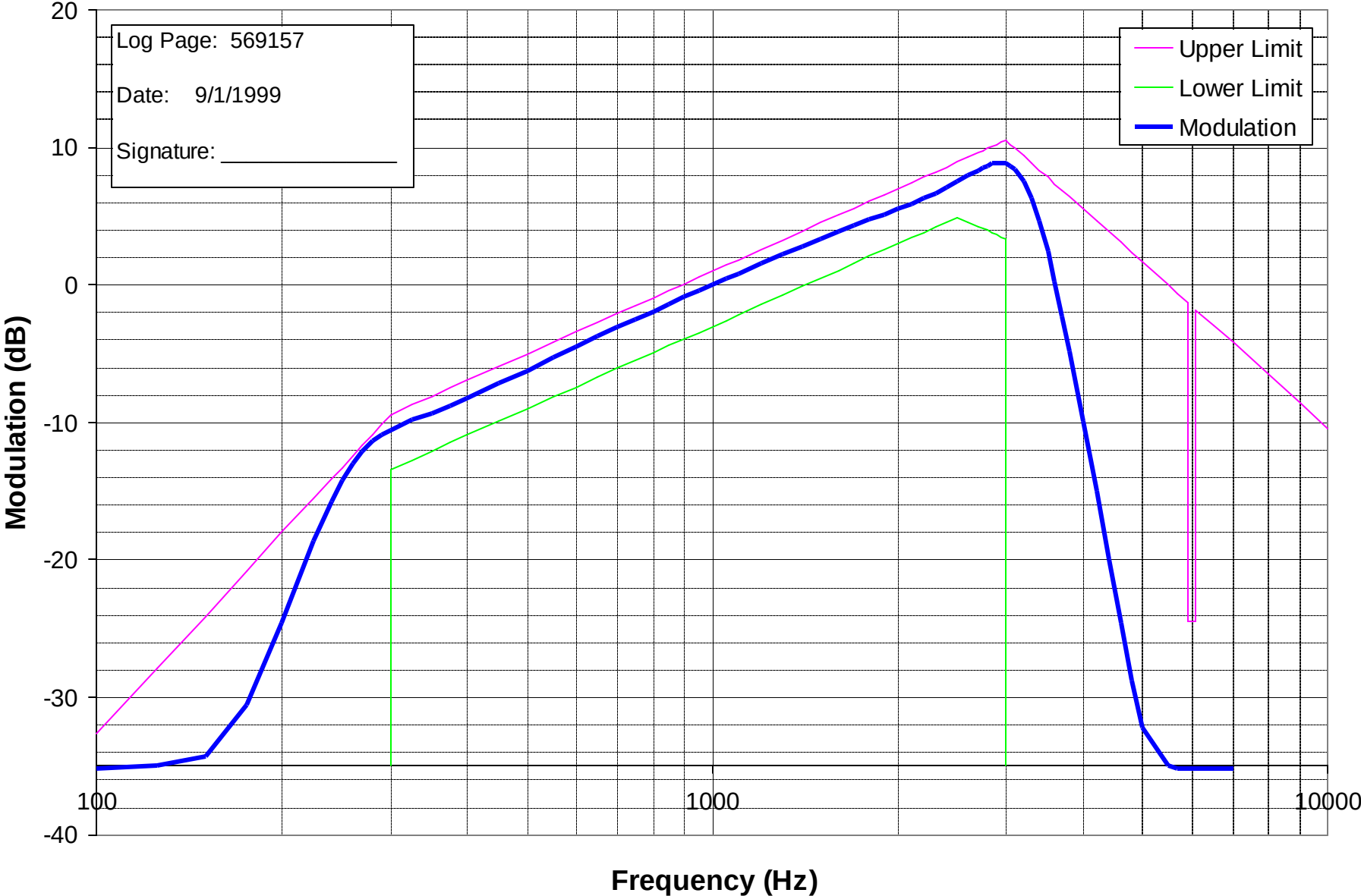
Measured RF output: 3 W

Measured DC voltage: 13.7 V

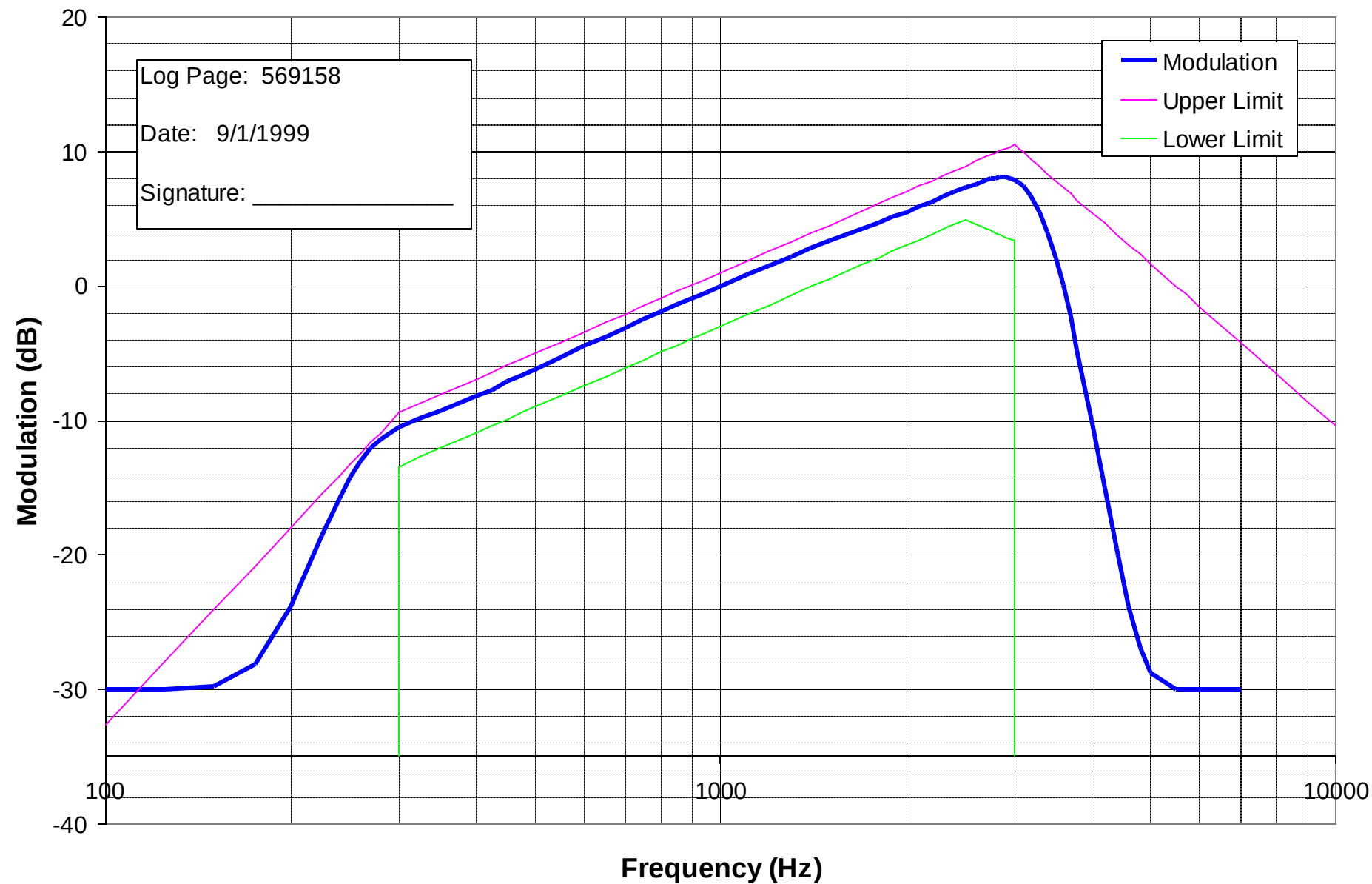
Measured DC current: 450 mA

Measured RF input: 0.4 W

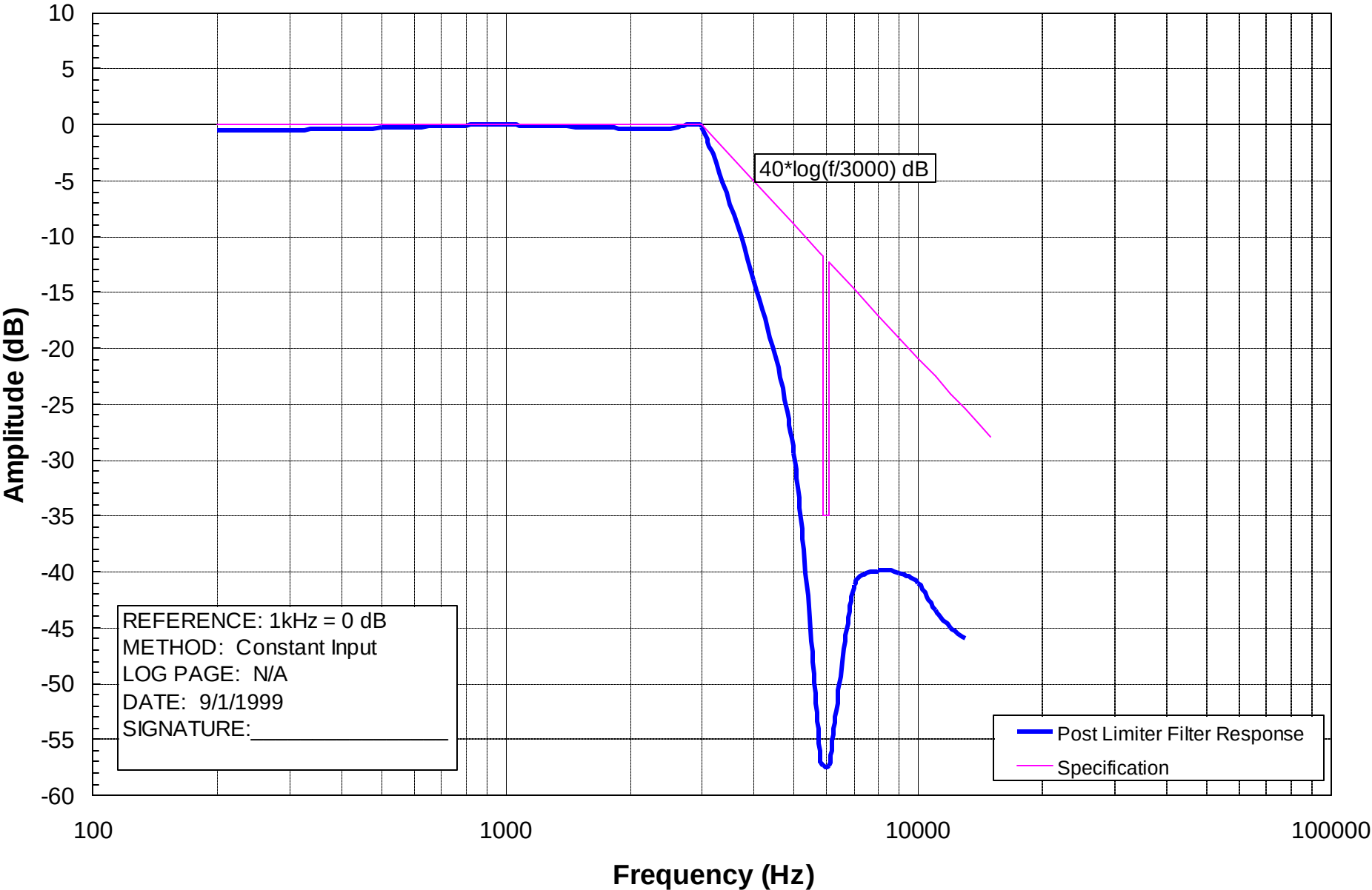
AUDIO RESPONSE - WIDE MODE



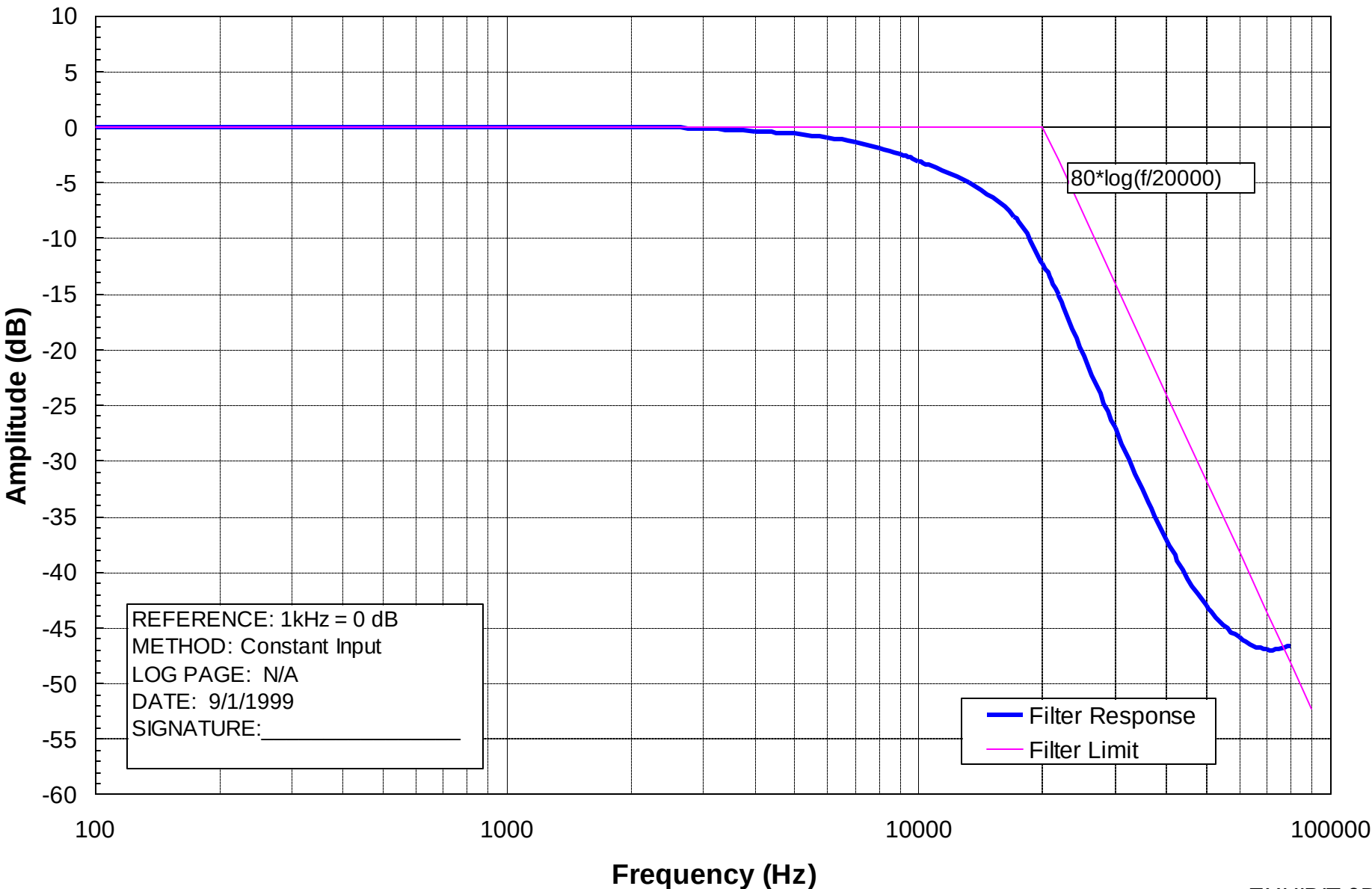
AUDIO RESPONSE - NARROW MODE



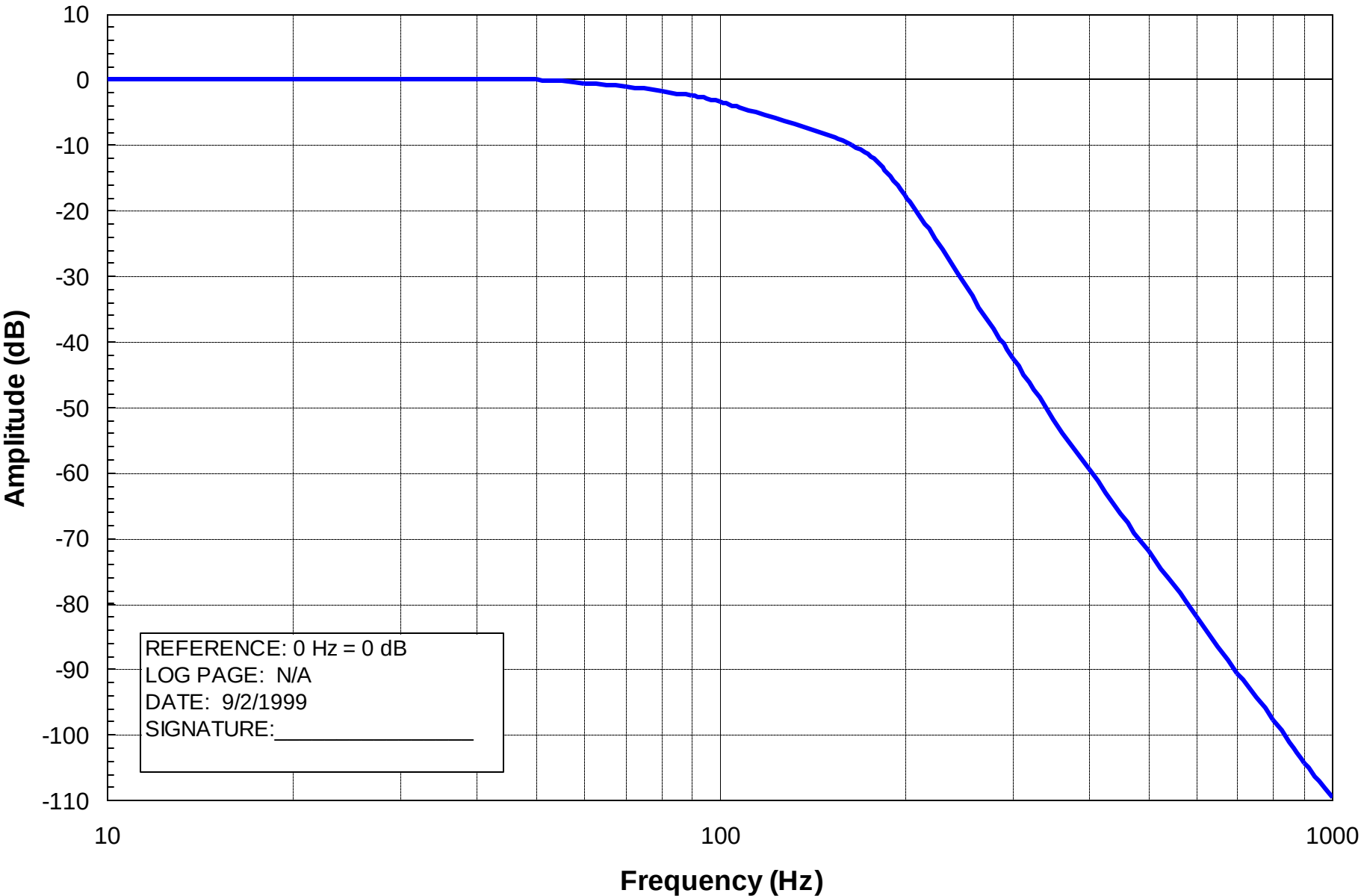
Post-Limiter Low Pass Filter Response

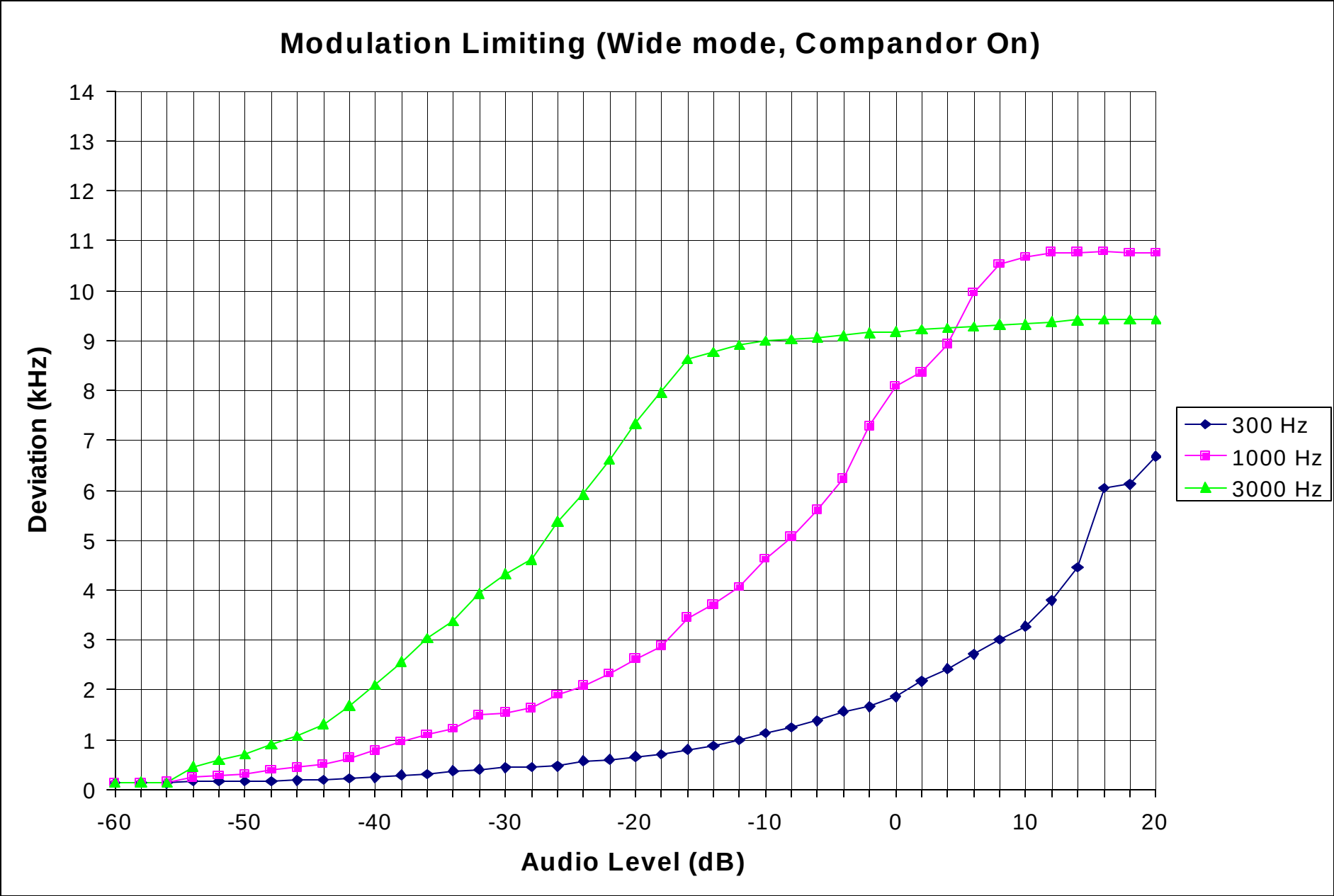


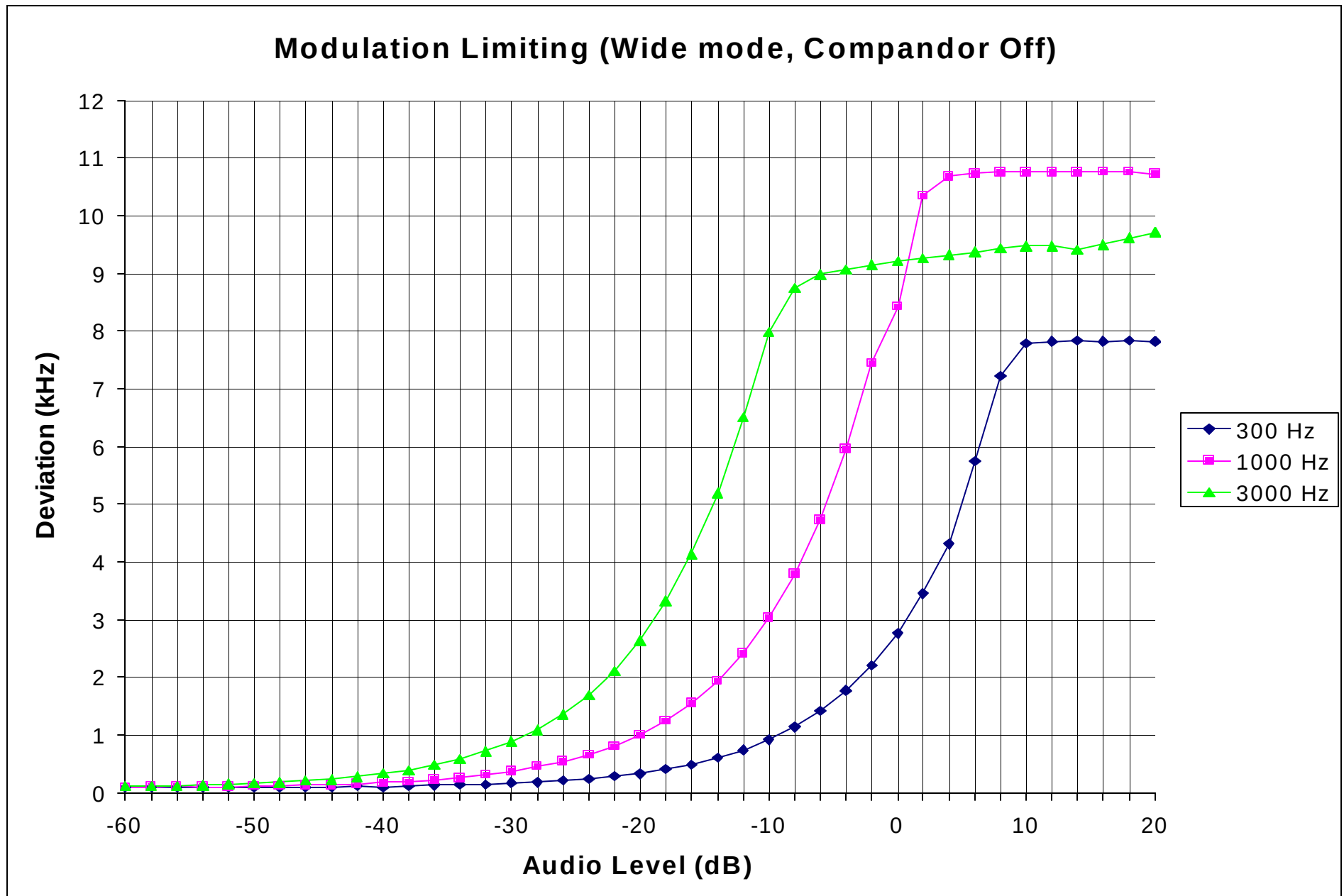
Signaling Channel Audio Roll-Off Filter Response

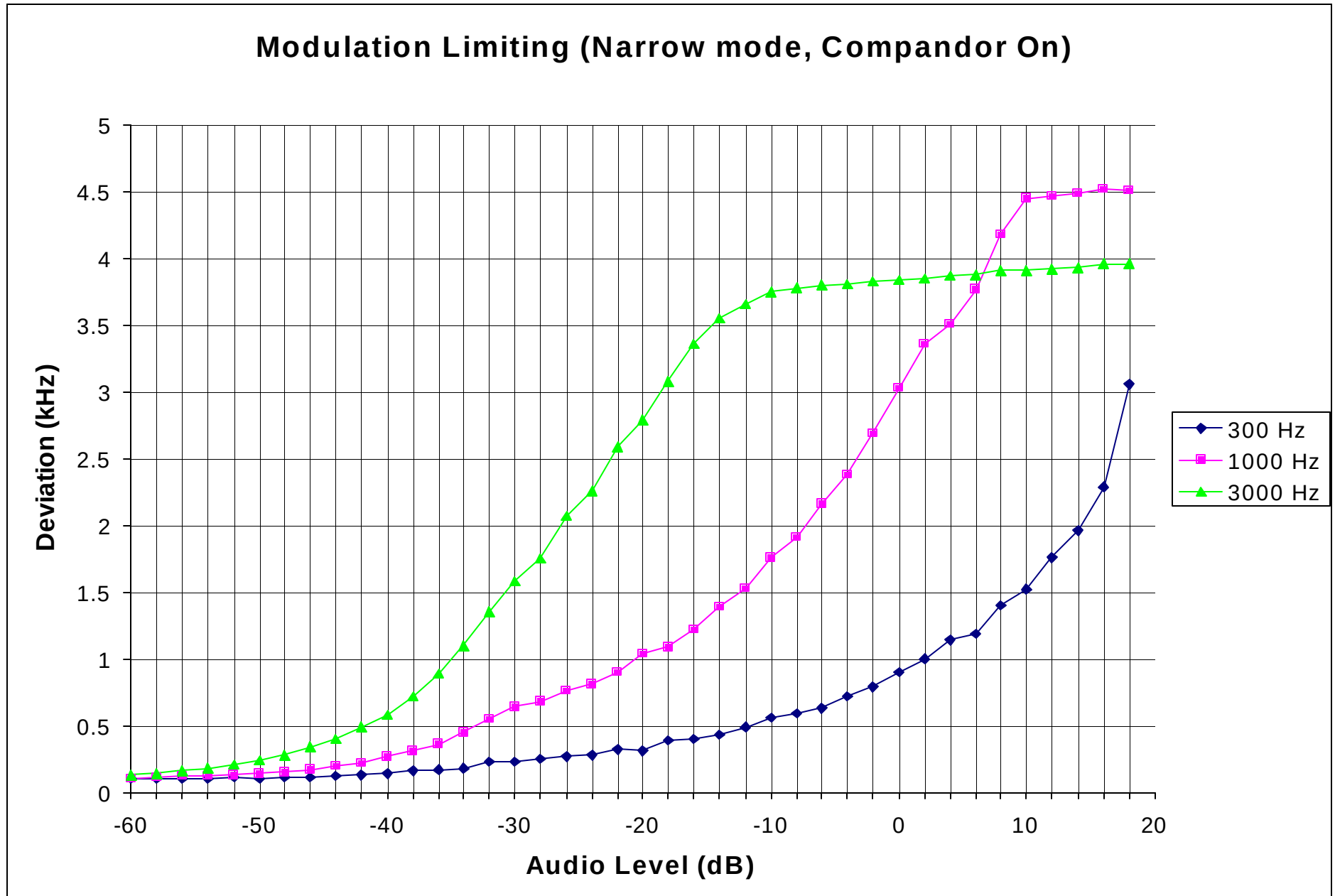


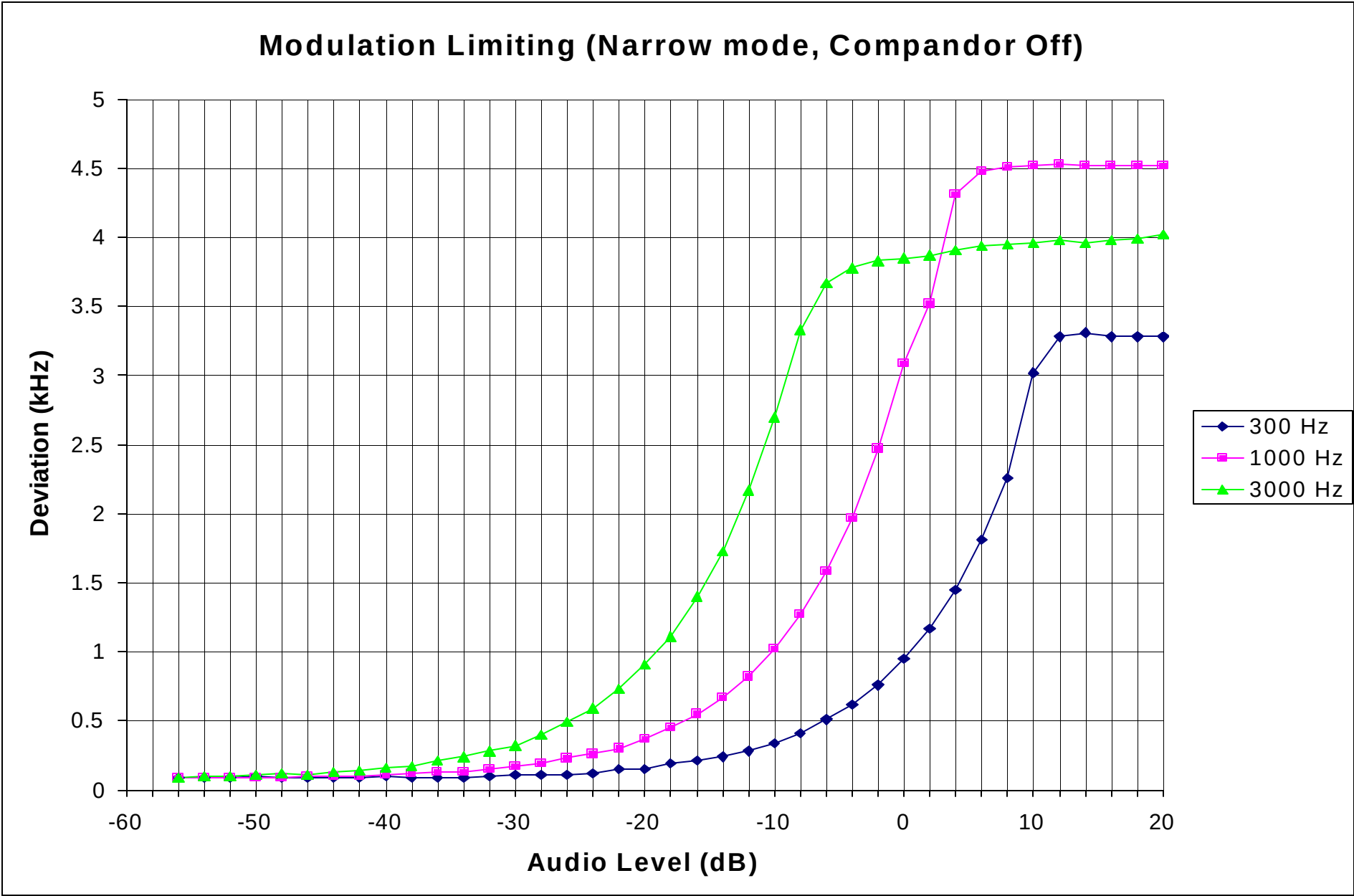
DSAT Audio Roll-Off Filter Response

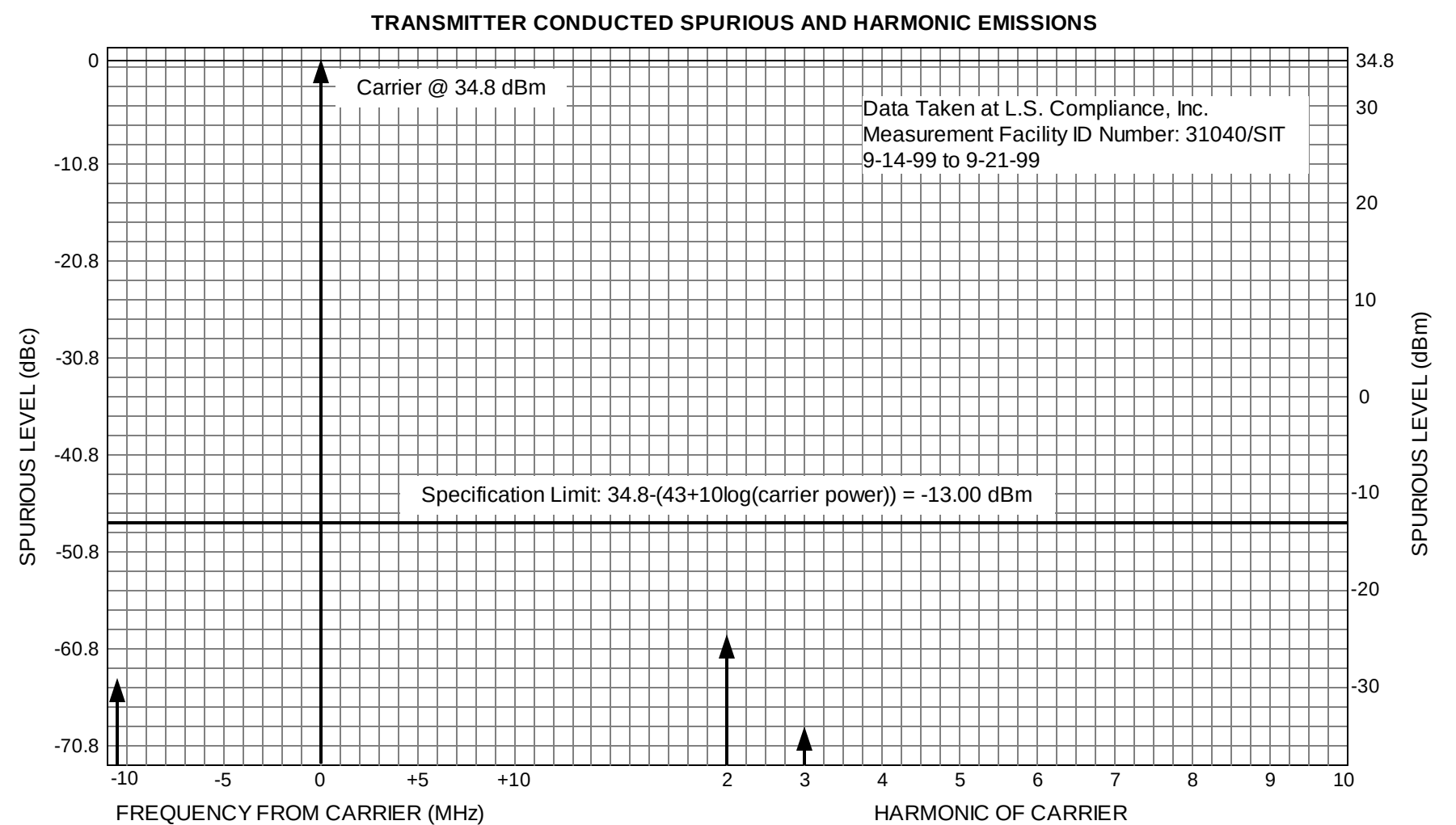












Carrier Power: 3 W to 4.8 mW in 4dB steps.

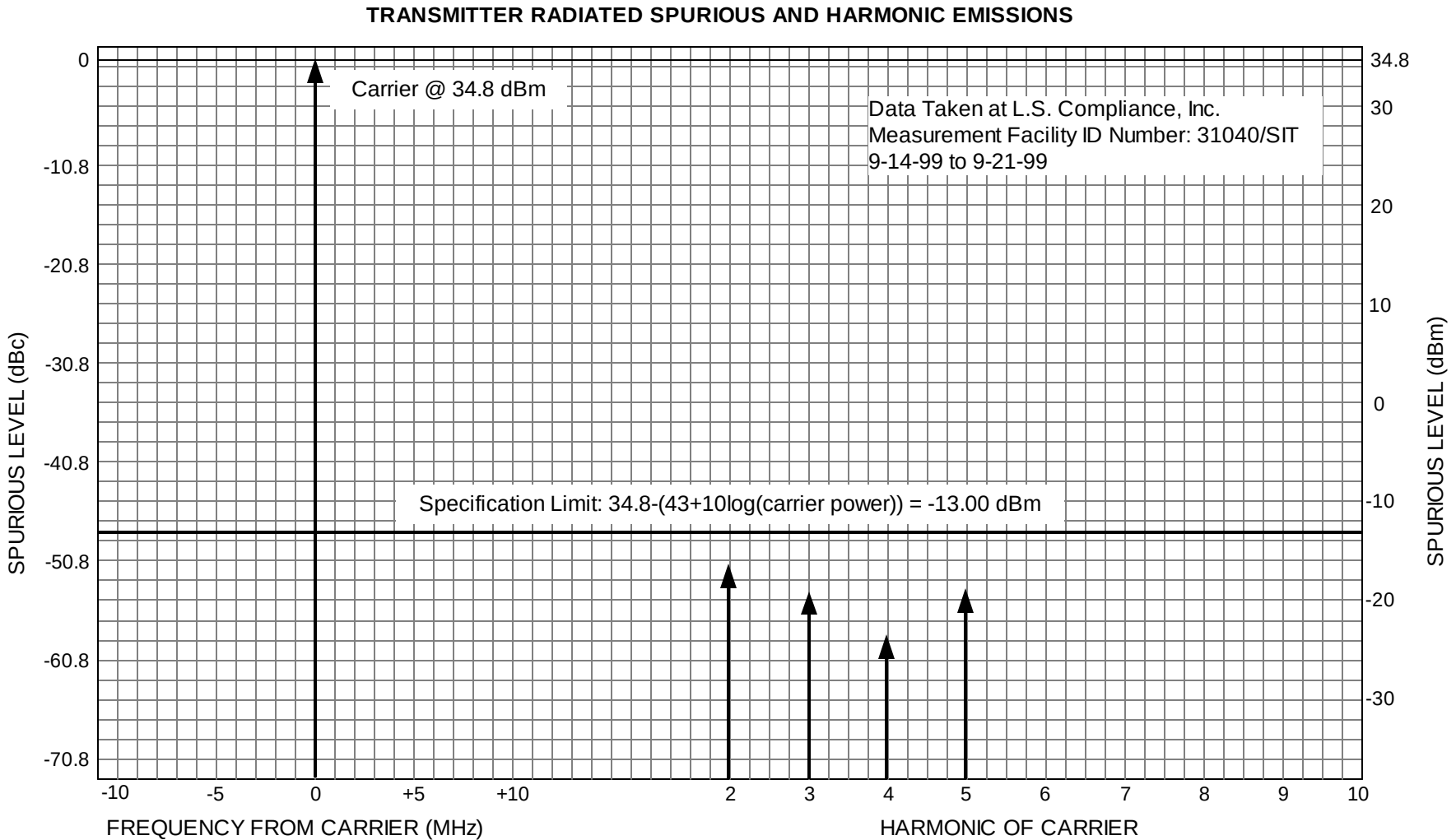
Carrier Frequency: 824.04 to 848.97 MHz in 30kHz steps.

Each reported emission reflects the highest absolute level found among all power levels, channels, and operating mode (Wide or Narrow)

All emissions not reported were greater than 25 dB below the FCC specification.

No signals greater than -80dBm were found in the 869 to 894 MHz band.

Spectrum was searched from 1 MHz to the 10th harmonic of the transmitter.



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Carrier Frequency: 824.04 to 848.97 MHz in 30kHz steps.

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