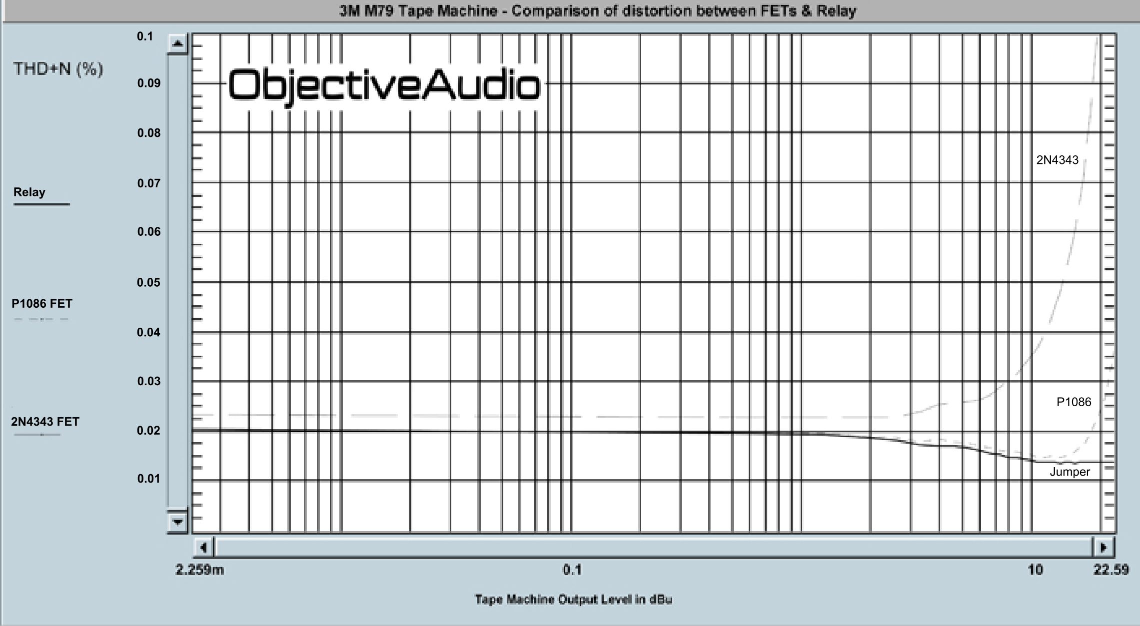

Conditions of test:
The tape machine used in the test was a 24-Track 3M M79 having input and output transformers, with its meters disconnected. Three signal electronics cards were verified to have the same modifications, and were aligned on input to be equal. One card's Q11 (input switching FET) was fittted with a 2N4343 FET, another card's Q11 was fitted with a P1086 FET, and the final card's Q11 was removed and replaced with a jumper wire. Each card's Record Monitor Cal (Input Level) was adjusted to be the same. All measurements were made in the same track slot of the 24-Track, ensuring that the tests only reflected card differences. The test equipment used was an HP 8903B Audio Analyzer with its 30kHz low pass filter enabled. To ensure accuracy, the tests were conducted many times using different cards and using the same card with Q11 swapped. The only substantial variation between results noticed was that some of the 2N4343 FETs measured worse than shown in the graph