Compact Cassette Datasheets Maxell UDII



I measured MOLs at 11 points from 20 Hz to 1 kHz with a distortion limit of 3%, and measured saturation output levels (SOLs) at nine points from 1 to 16 kHz. I used a Nakamichi 582 deck for substantially all of the record/playback tests.

The three Tables list the MOL (3% distortion limit) at 40, 125, and 800 Hz. I selected 40 Hz because it lies in a frequency region important in music for organ and other sources of low-frequency energy.

The Tables also present SOL data for 2, 4, and 10 kHz. The SOL curves were very similar in shape, particularly within a tape type.

Other data: https://www.elektronikjk.com

Maximum Output Level (dB, re: Dolby Level: 200 nWb/m at 400 Hz)

| MOL hdl3 = 3% | | | SOL | | |
|---------------|--------|--------|-------|-------|--------|
| 40 Hz | 125 Hz | 800 Hz | 2 kHz | 4 kHz | 10 kHz |
| + 1.6 | + 5.8 | + 6.0 | + 7.7 | +4.2 | -3.9 |

S/N Ratio (dBA):60.8 Response Limit (-3 dB) at Dolby Level (kHz):9.5 Modulation noise (dB):-55.4 Bias (dB):0.0 Sensitivity (dB):+ 1.3



