

Уровень звукового давления, дБ

Частота шума ν , Гц

ПДУ по СН 2.2.4/2.18.562-96

$U=3 В$

$U=2 В$

$U=1 В$

Области резонанса

The figure consists of three vertically stacked plots, each showing the Power spectrum density (Amplitude vs. Frequency) for a different signal processing stage. All plots are labeled 'Plot 0' in the top right corner.

- Top Plot:** The y-axis (Amplitude) ranges from 0 to 0,00012. The x-axis (Frequency) ranges from 0 to 699,457. The spectrum shows a noisy baseline with several peaks, the most prominent being at approximately 562.
- Middle Plot:** The y-axis (Amplitude) ranges from 0 to 0,0003. The x-axis (Frequency) ranges from 0 to 824,214. The spectrum is cleaner than the top plot, with a very sharp and dominant peak at 500.
- Bottom Plot:** The y-axis (Amplitude) ranges from 0 to 0,0012. The x-axis (Frequency) ranges from 0 to 638,492. The spectrum is the cleanest, showing a single, very sharp peak at 400.

[illegible]