

DAFTAR PUSTAKA

- Arif, Muh. 2018. *Analisis Antrian Kendaraan pada Fasilitas Putar Balik Arah di Jalan A.P. Pettarani Makassar Berbasis Nikro-Simulasi*. Makassar: Universitas Hasanuddin
- AR, Zulfiani. 2017. *Model Prediksi dan Simulasi Penanganan Kebisingan Lalu Lintas Heterogen Berbasis Model ASJ-RTN 2008 dan RLS 90*. Universitas Hasanuddin: Makassar
- Badan Litbang PU Departemen Pekerjaan Umum (2006)
- Buchari. 2007. *Kebisingan industri dan hearing conservation program*. Medan: Universitas Sumatera.
- Hustim, Muralia. 2012. *Analisis Kebisingan Lalu Lintas Pada Ruas Jalan Di Kota Makassar*.
- Kementerian Lingkungan Hidup Republik Indonesia. Keputusan Menteri Lingkungan Hidup No.48 Tahun 1996 tentang Baku Mutu Kebisingan.
- Kementerian Tenaga Kerja. Keputusan Menteri Tenaga Kerja Nomor 51 Tahun 1999 Tentang Nilai Ambang Batas Faktor Fisika di Tempat Kerja.
- Pemerintah Indonesia. 2009. *Undang-Undang Nomor 22 Tahun 2009 Tentang Lalu Lintas dan Angkutan Jalan*. Lembaran RI Tahun 2009. Jakarta: Sekretariat Negara
- Peraturan Menteri Kesehatan No. 718/Menkes/Per/1987 tentang Kebisingan.
- Peraturan Pemerintah Nomor 34 Tahun 2006 tentang Jalan.
- Undang-Undang Republik Indonesia Nomor 22 Tahun 2009 Tentang Kendaraan

Ramli, Yesmi Rahmadani. 2017. *Model Prediksi Kebisingan Lalu Lintas Heterogen Berbasis Model ASJ-RTN 2008 Untuk Tipe Jalan 4/2D*. Makassar: Universitas Hasanuddin.

Wulandari, Arfina. 2018. *Analisis Tingkat Kebisingan di Jalan Tol Layang Pettarani*. Makassar: Universitas Hasanuddin

LAMPIRAN

Lampiran 1. Dokumentasi Lokasi dan Pengambilan Data

- Titik Pengamatan PBA 1



- Titik Pengamatan PBA 2



- Titik Pengamatan PBA 3



- Titik Pengamatan PBA 4



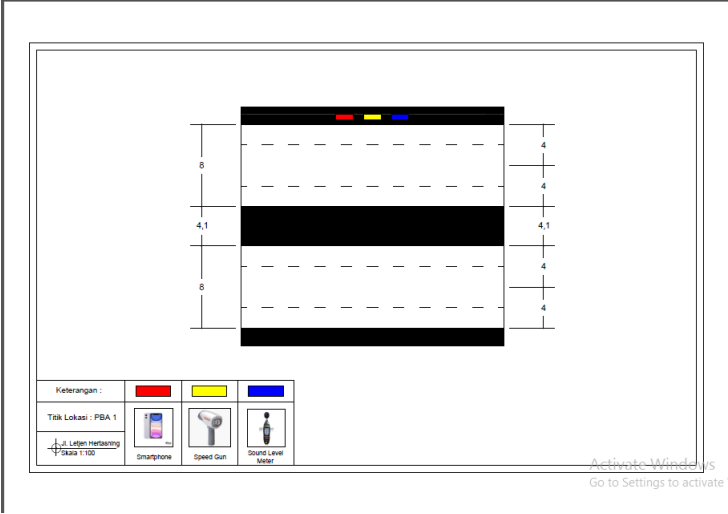
- Titik Pengamatan PBA 5



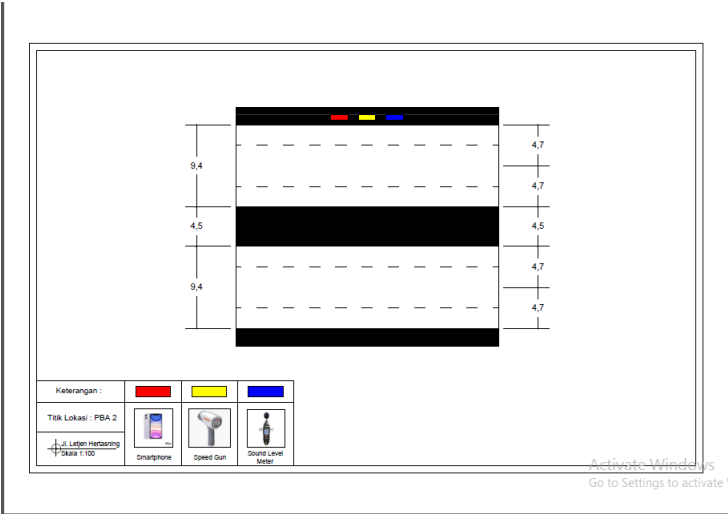
- Titik Pengamatan PBA 6



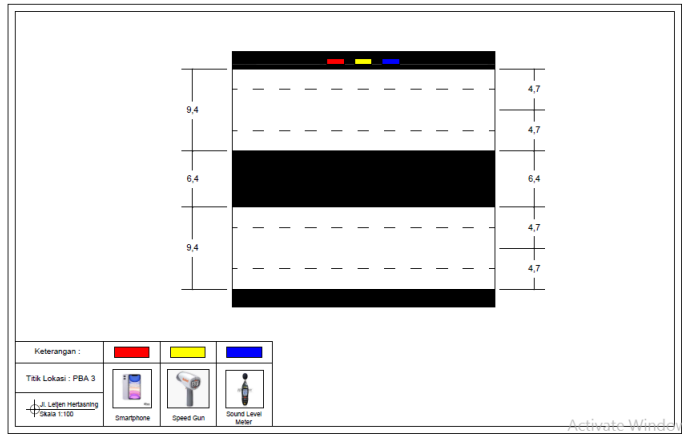
Lampiran 2. Layout untuk Tiap Titik Pengamatan



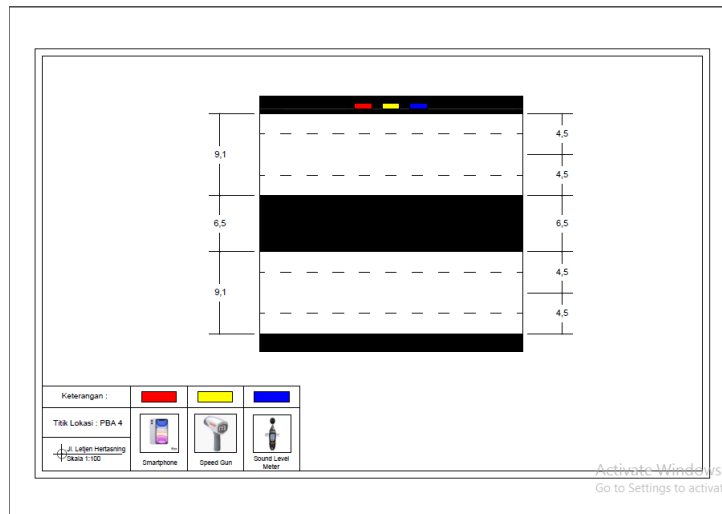
Titik Pengamatan PBA 1



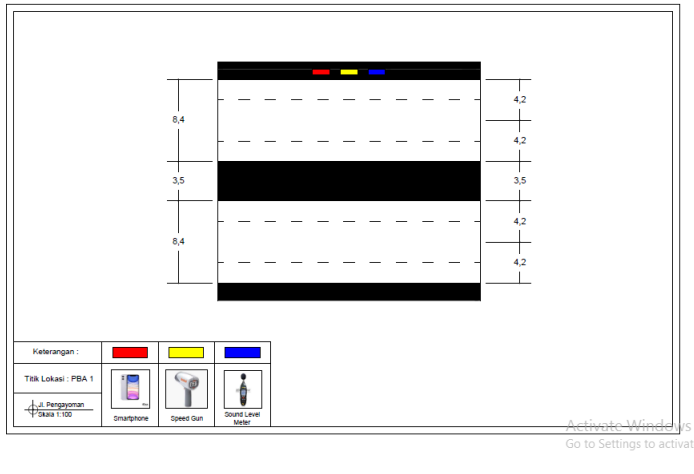
Titik Pengamatan PBA 2



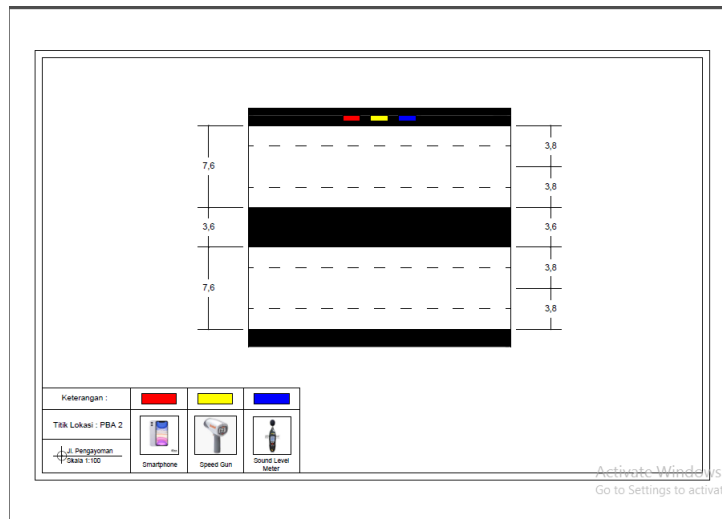
Titik Pengamatan PBA 3



Titik Pengamatan PBA 4



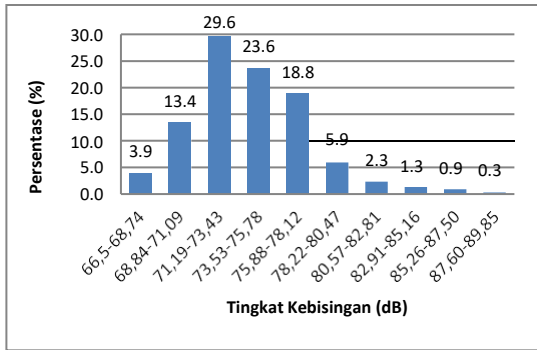
Titik Pengamatan PBA 5



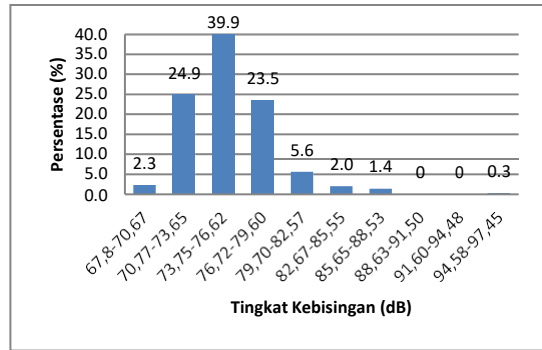
Titik Pengamatan PBA 6

Lampiran 3. Histogram Distribusi Tingkat Kebisingan

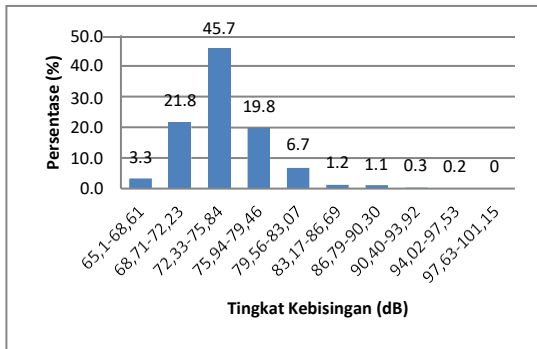
A. Titik Pengamatan PBA 1



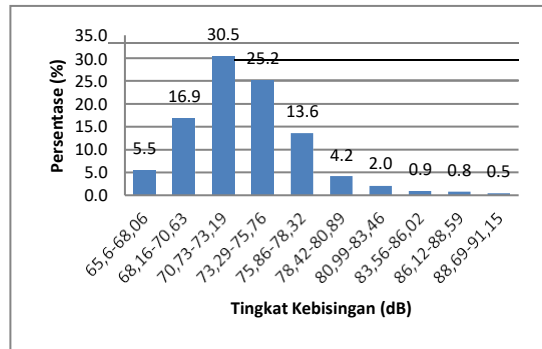
Pukul 07.00-07.10 WITA



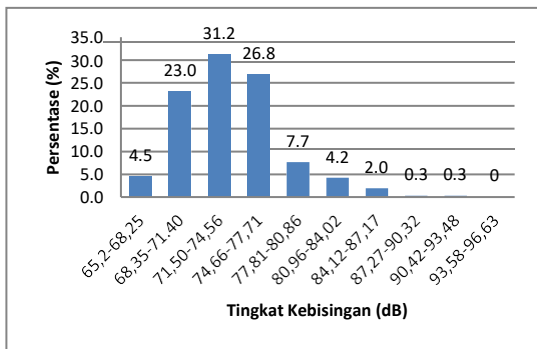
Pukul 08.00-08.10 WITA



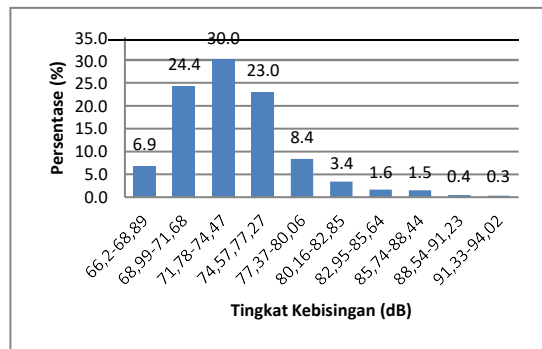
Pukul 09.00-09.10 WITA



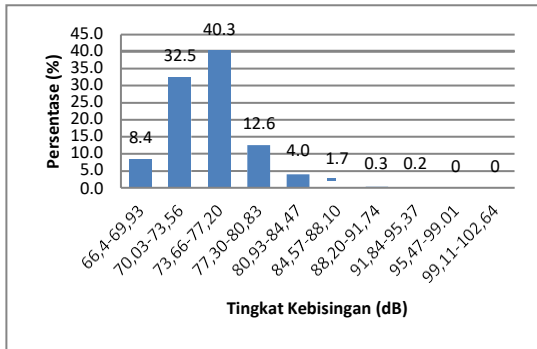
Pukul 10.00-10.10 WITA



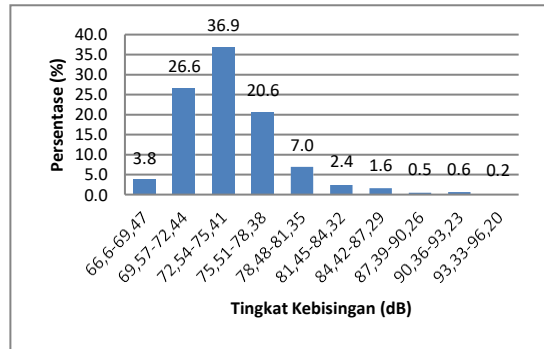
Pukul 11.00-11.10 WITA



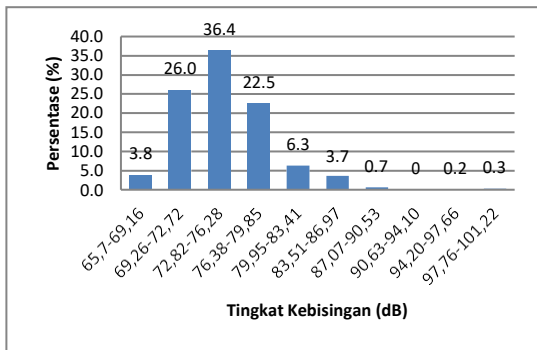
Pukul 12.00-12.10 WITA



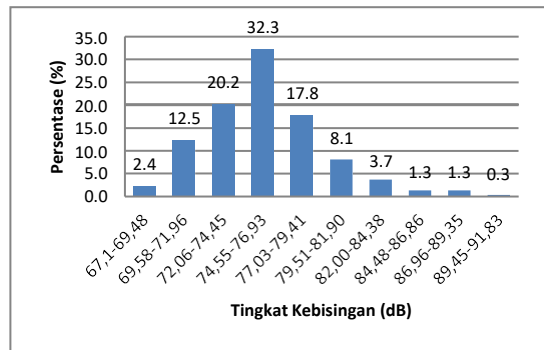
Pukul 13.00-13.10 WITA



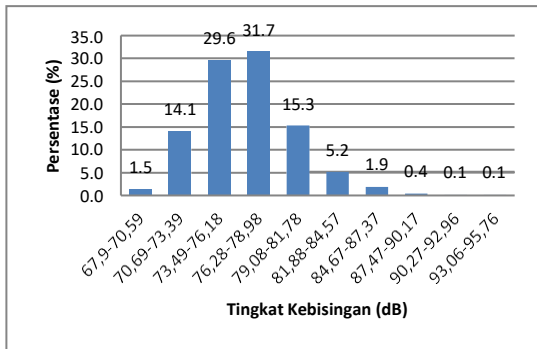
Pukul 14.00-14.10 WITA



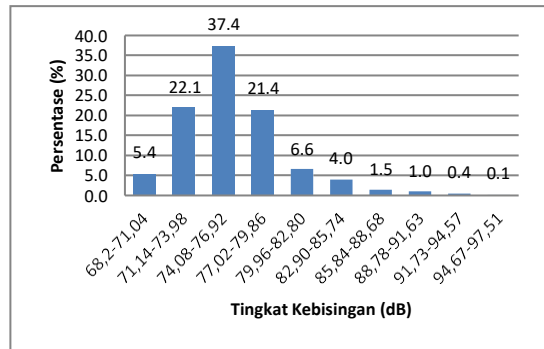
Pukul 15.00-15.10 WITA



Pukul 16.00-16.10 WITA

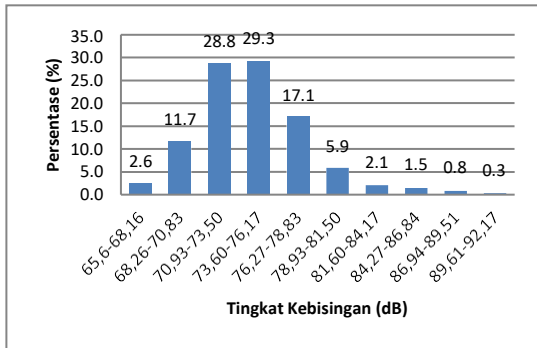


Pukul 17.00-17.10 WITA

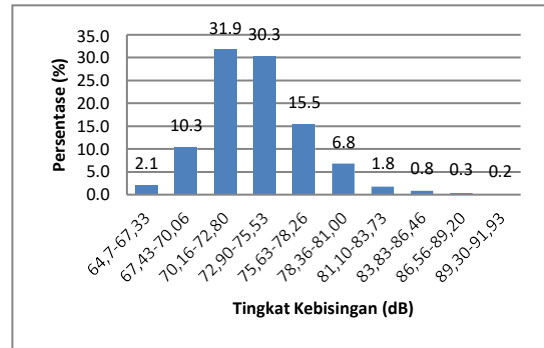


Pukul 18.00-18.10 WITA

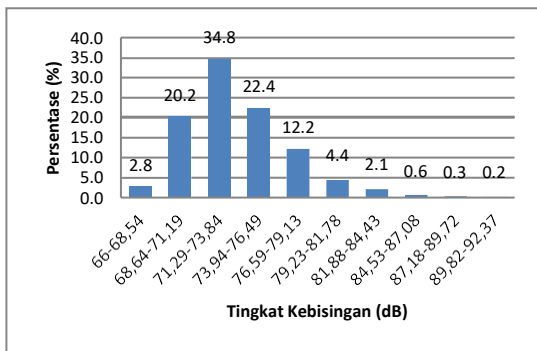
B. Titik Pengamatan PBA 2



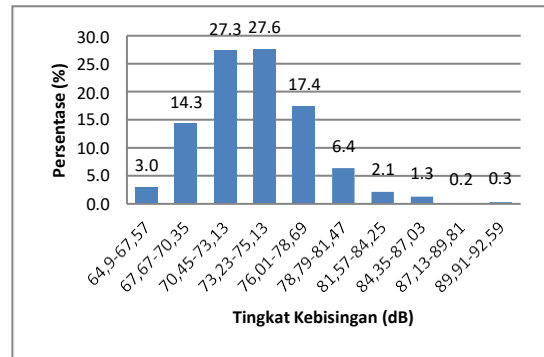
Pukul 07.00-07.10 WITA



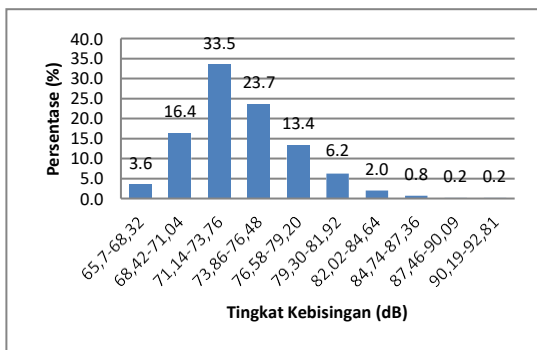
Pukul 08.00-08.10 WITA



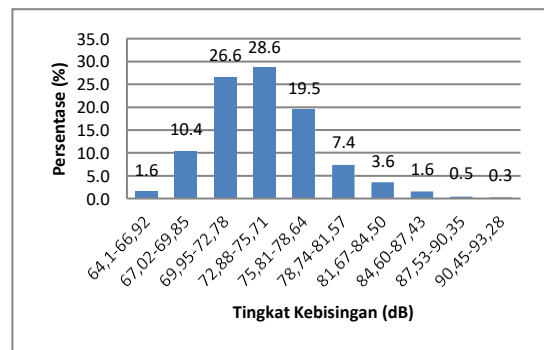
Pukul 09.00-09.10 WITA



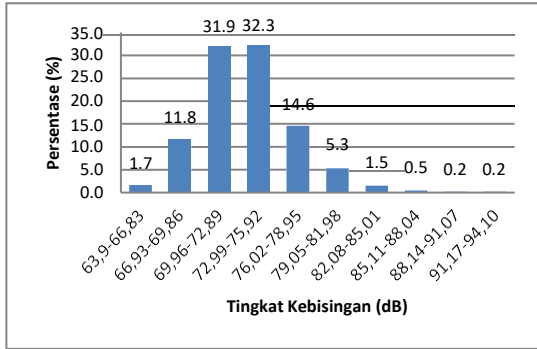
Pukul 10.00-10.10 WITA



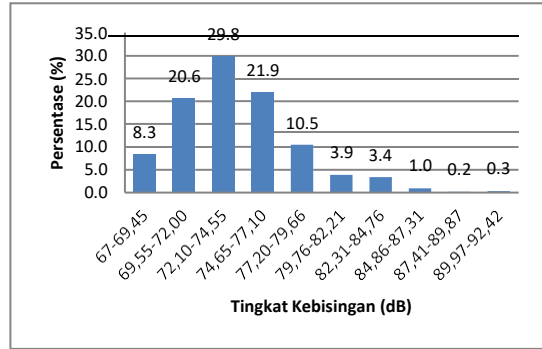
Pukul 11.00-11.10 WITA



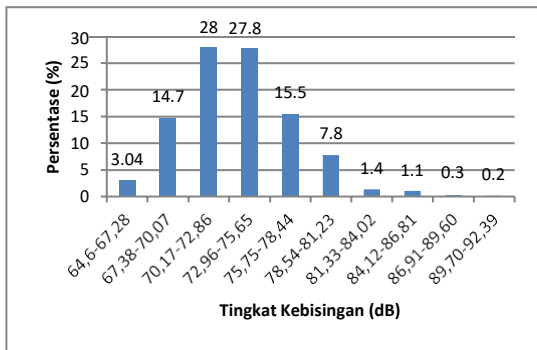
Pukul 12.00-12.10 WITA



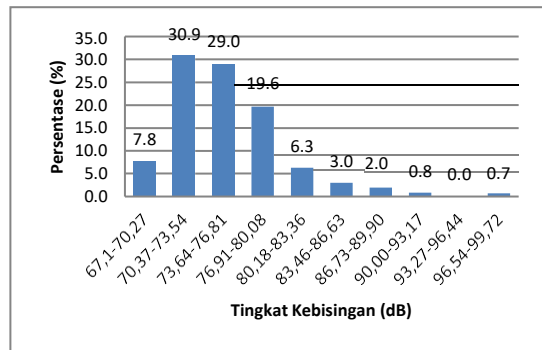
Pukul 13.00-13.10 WITA



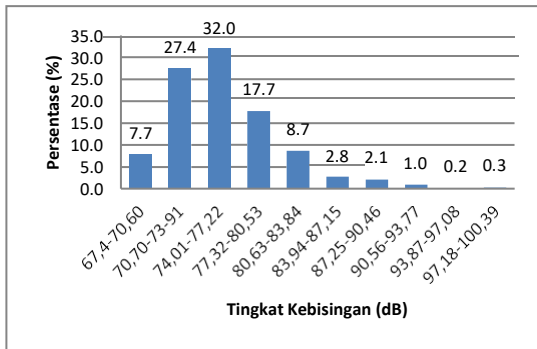
Pukul 14.00-14.10 WITA



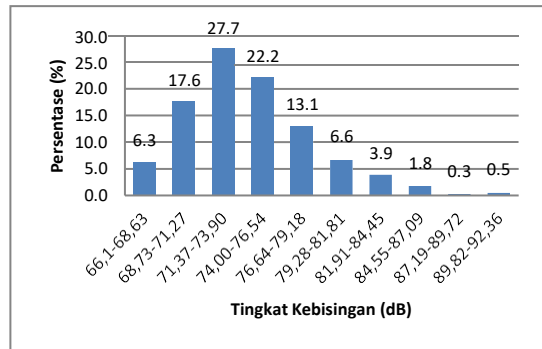
Pukul 15.00-15.10 WITA



Pukul 16.00-16.10 WITA

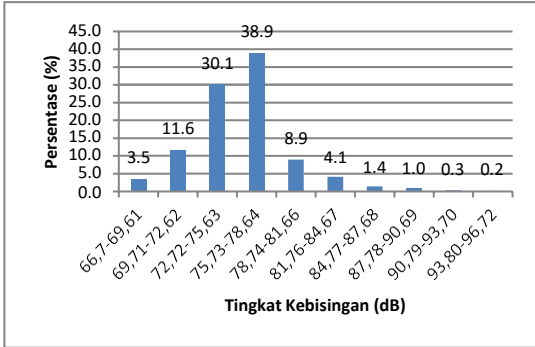


Pukul 17.00-17.10 WITA

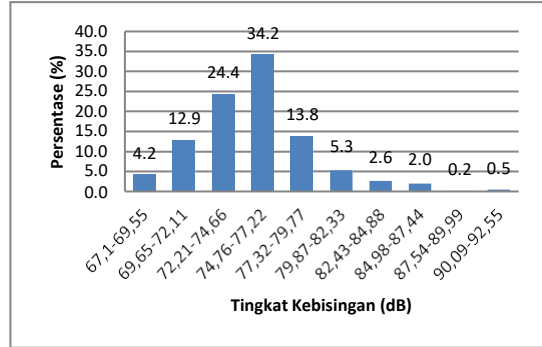


Pukul 18.00-18.10 WITA

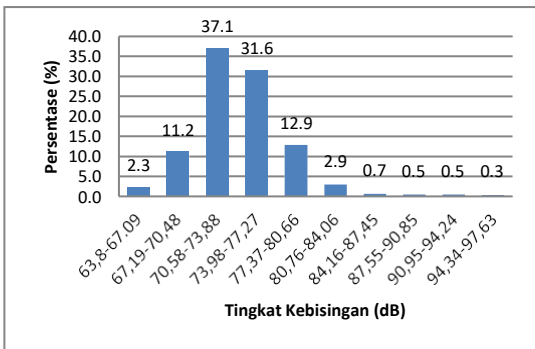
C. Titik Pengamatan PBA 3



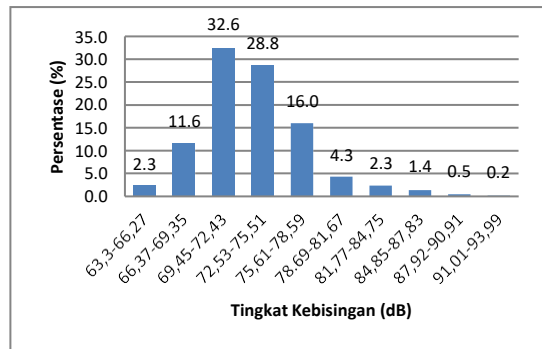
Pukul 07.00-07.10 WITA



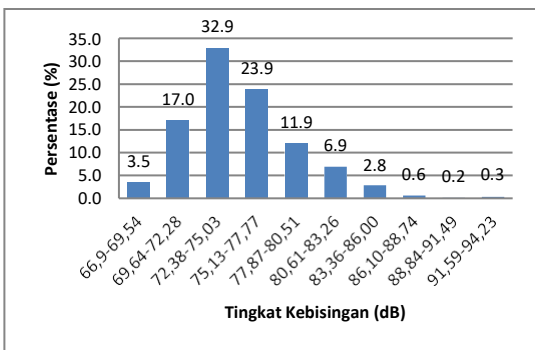
Pukul 08.00-08.10 WITA



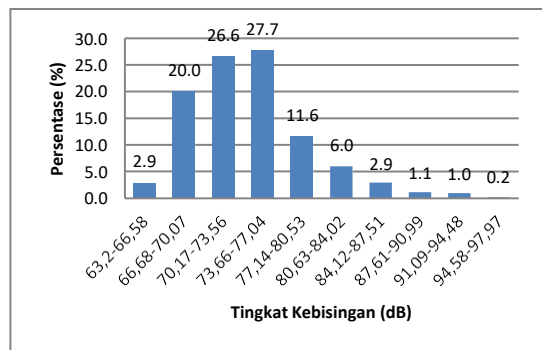
Pukul 09.00-09.10 WITA



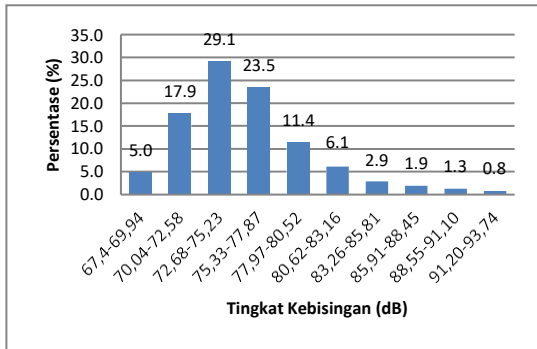
Pukul 10.00-10.10 WITA



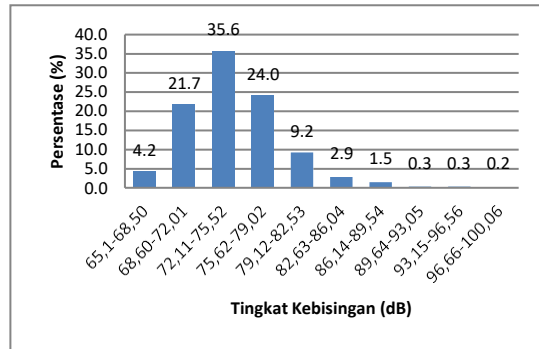
Pukul 11.00-11.10 WITA



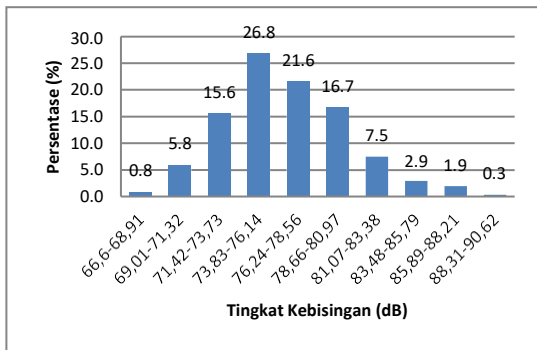
Pukul 12.00-12.10 WITA



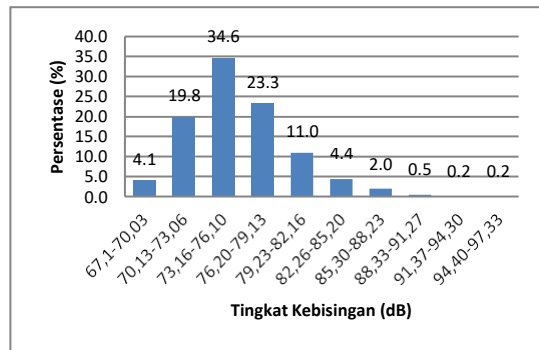
Pukul 13.00-13.10 WITA



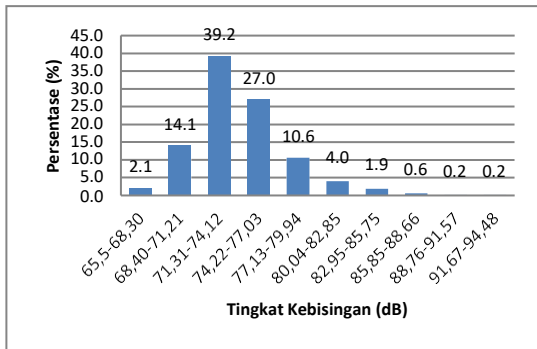
Pukul 14.00-14.10 WITA



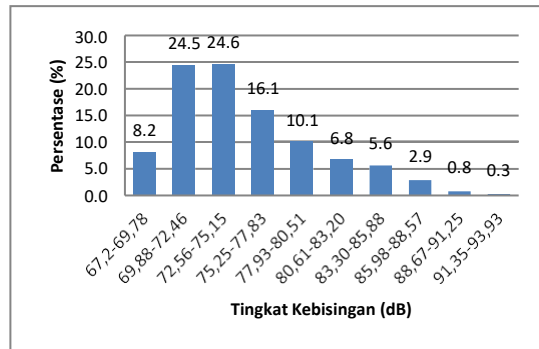
Pukul 15.00-15.10 WITA



Pukul 16.00-16.10 WITA

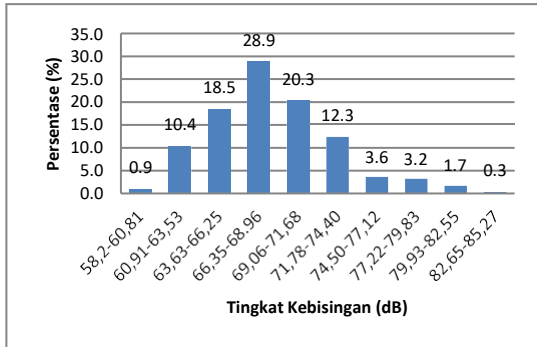


Pukul 17.00-17.10 WITA

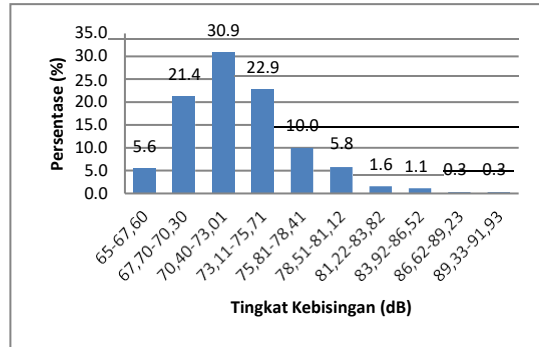


Pukul 18.00-18.10 WITA

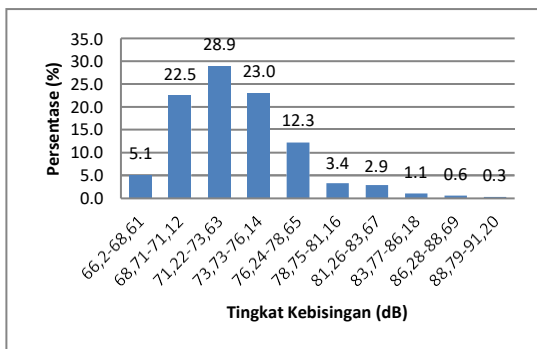
D. Titik Pengamatan PBA 4



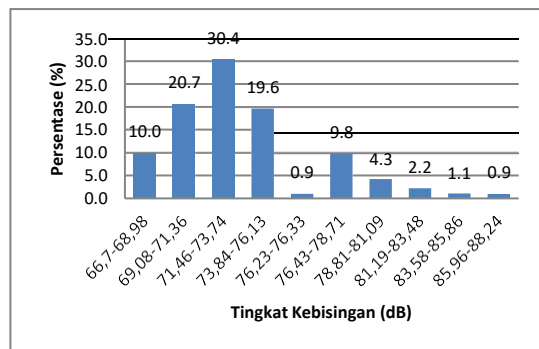
Pukul 07.00-07.10 WITA



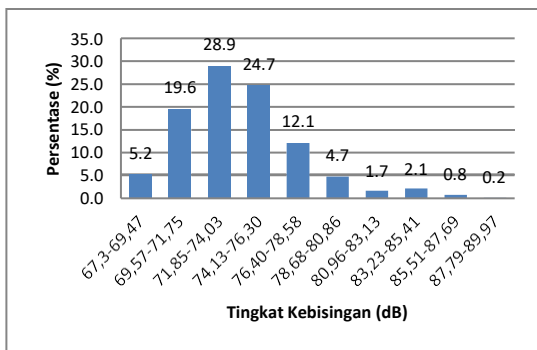
Pukul 08.00-08.10 WITA



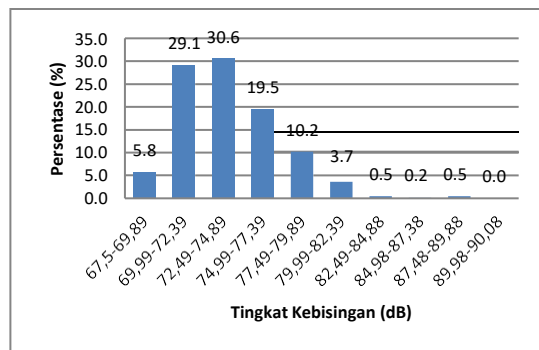
Pukul 09.00-09.10 WITA



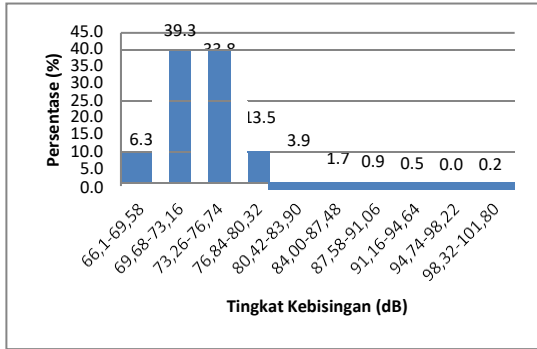
Pukul 10.00-10.10 WITA



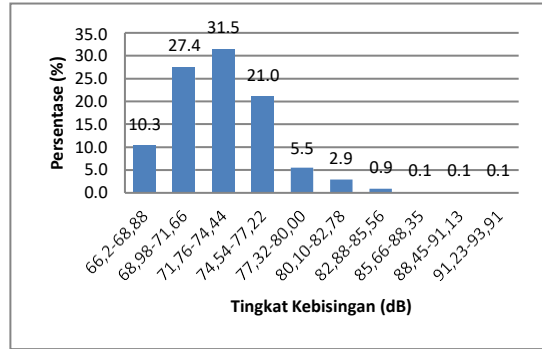
Pukul 11.00-11.10 WITA



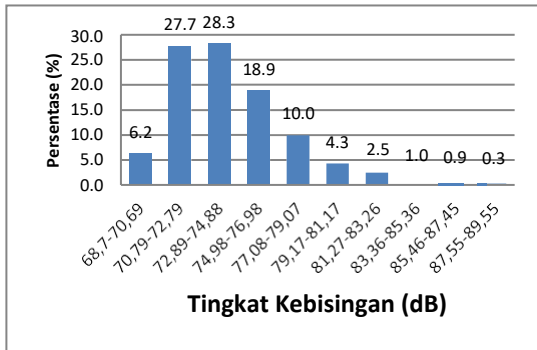
Pukul 12.00-12.10 WITA



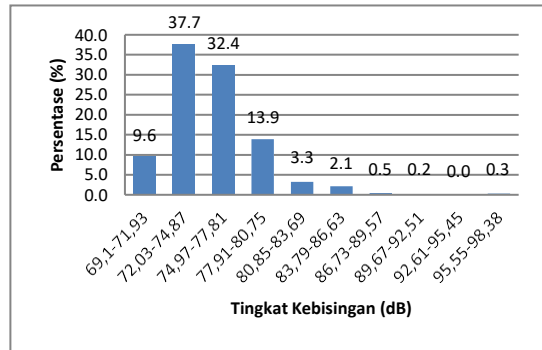
Pukul 13.00-13.10 WITA



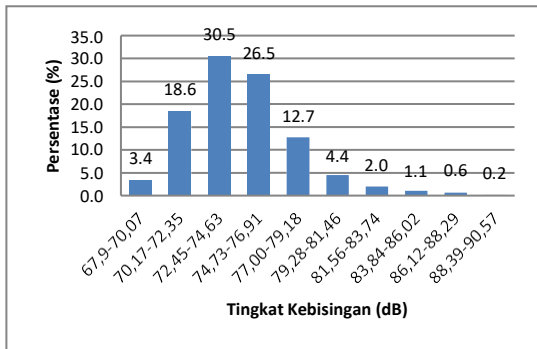
Pukul 14.00-14.10 WITA



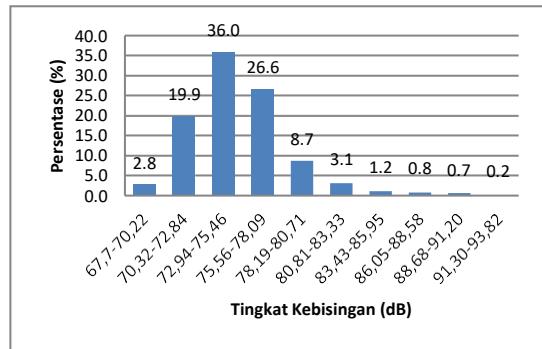
Pukul 15.00-15.10 WITA



Pukul 16.00-16.10 WITA

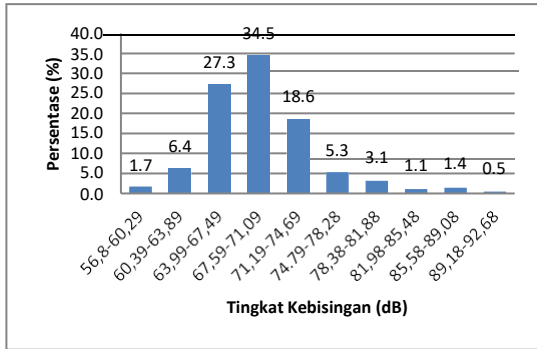


Pukul 17.00-17.10 WITA

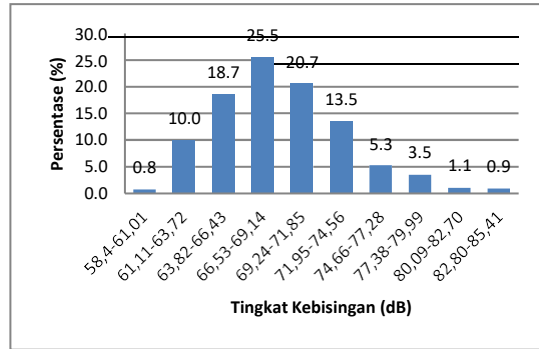


Pukul 18.00-18.10 WITA

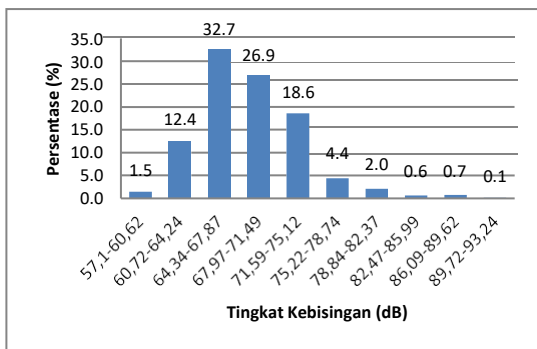
E. Titik Pengamatan PBA 5



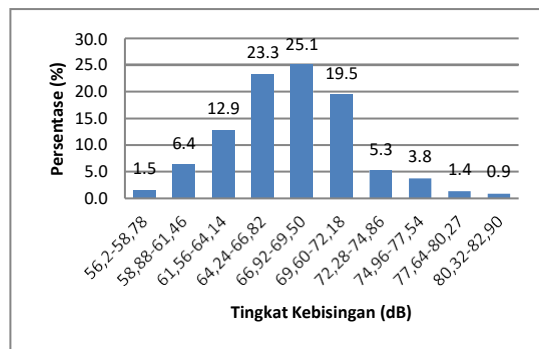
Pukul 07.00-07.10 WITA



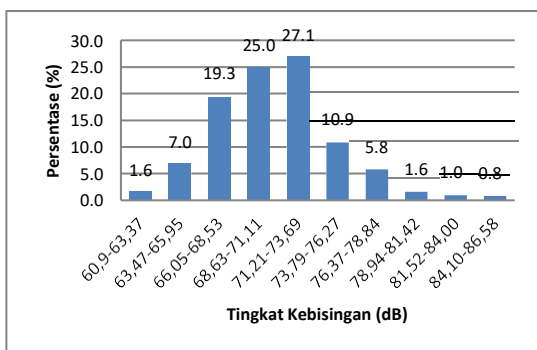
Pukul 08.00-08.10 WITA



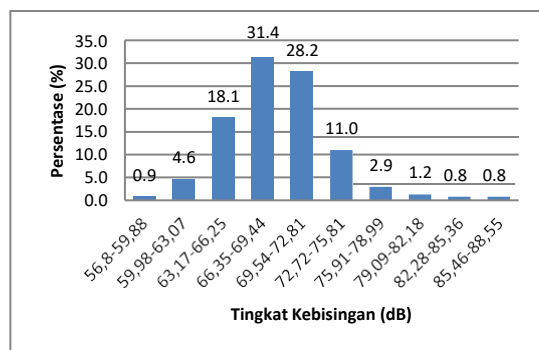
Pukul 09.00-09.10 WITA



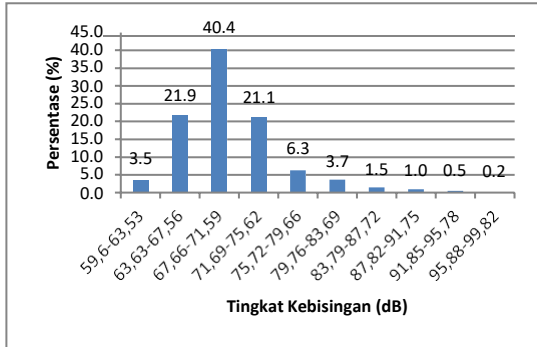
Pukul 10.00-10.10 WITA



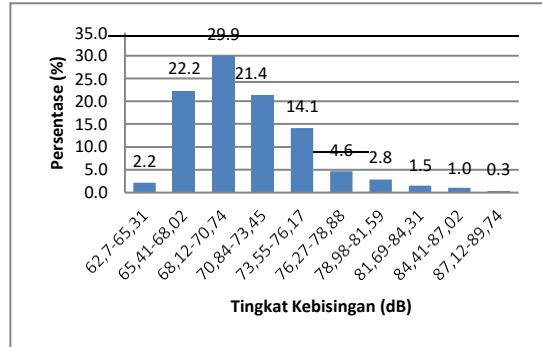
Pukul 11.00-11.10 WITA



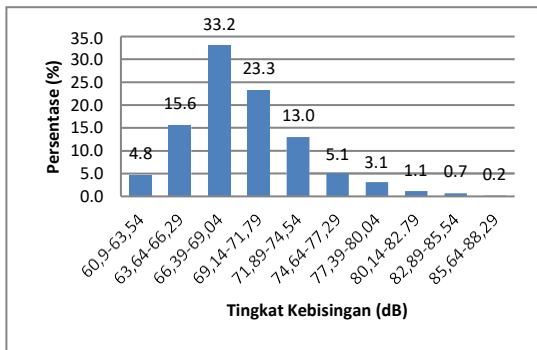
Pukul 12.00-12.10 WITA



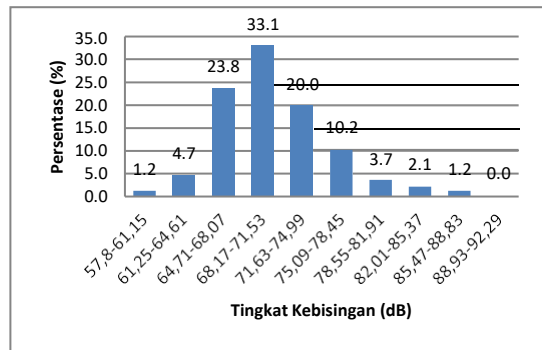
Pukul 13.00-13.10 WITA



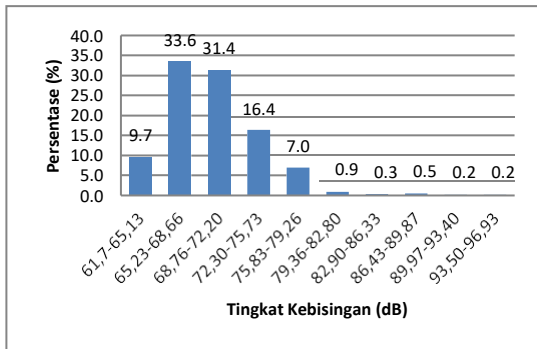
Pukul 14.00-14.10 WITA



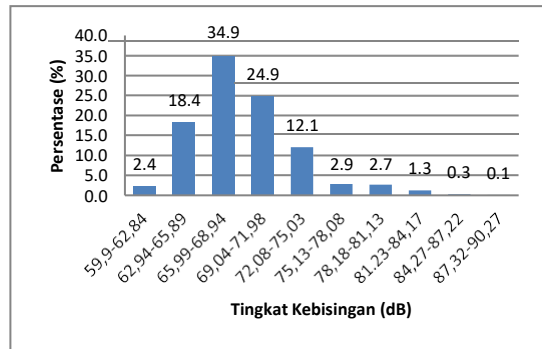
Pukul 15.00-15.00 WITA



Pukul 16.00-16.10 WITA

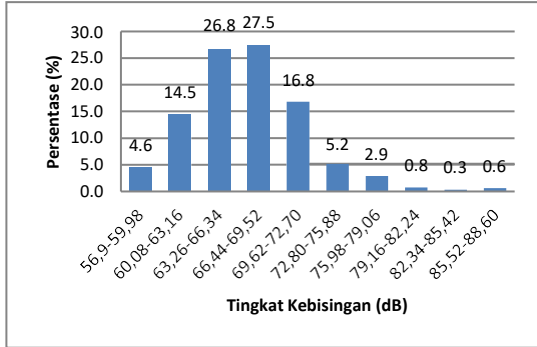


Pukul 17.00-17.10 WITA

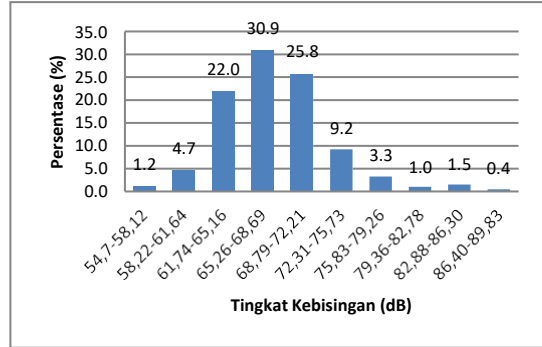


Pukul 18.00-18.10 WITA

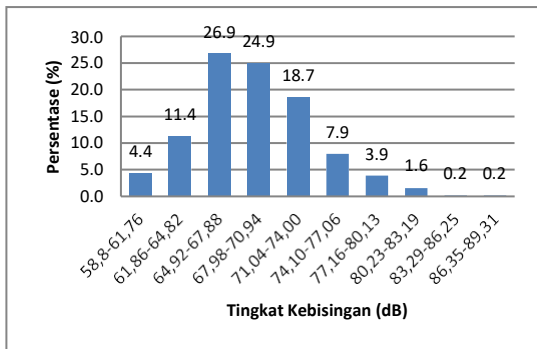
F. Titik Pengamatan PBA 6



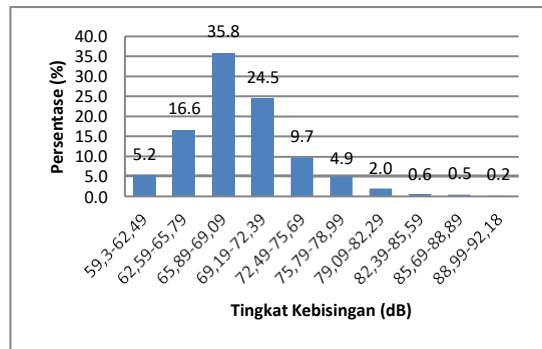
Pukul 07.00-07.10 WITA



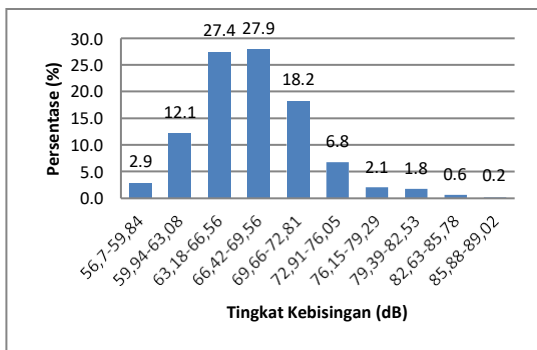
Pukul 08.00-08.10 WITA



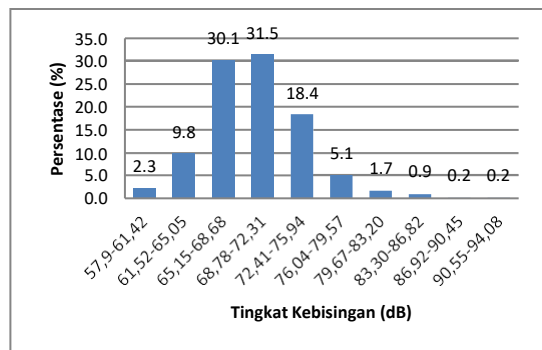
Pukul 09.00-09.10 WITA



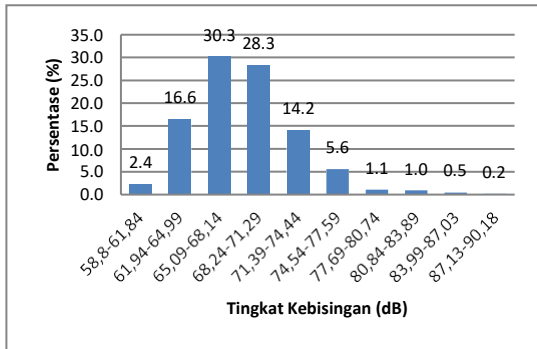
Pukul 10.00-10.10 WITA



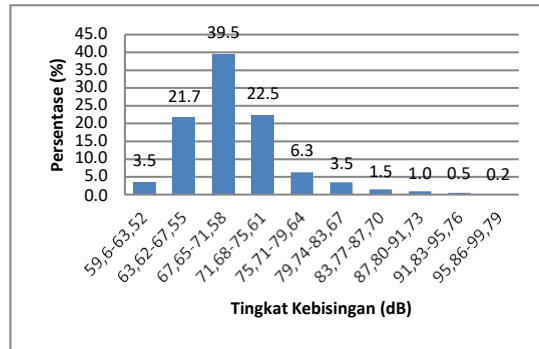
Pukul 11.00-11.10 WITA



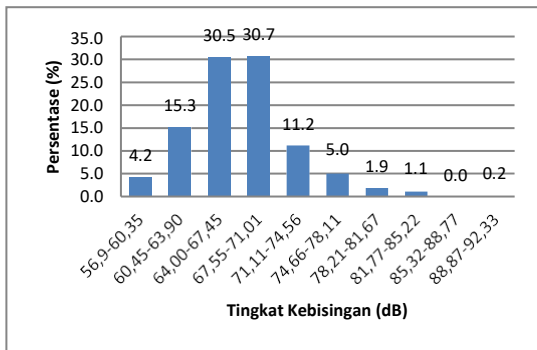
Pukul 12.00-12.10 WITA



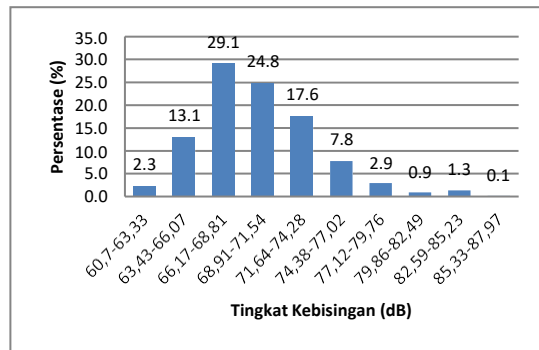
Pukul 13.00-13.10 WITA



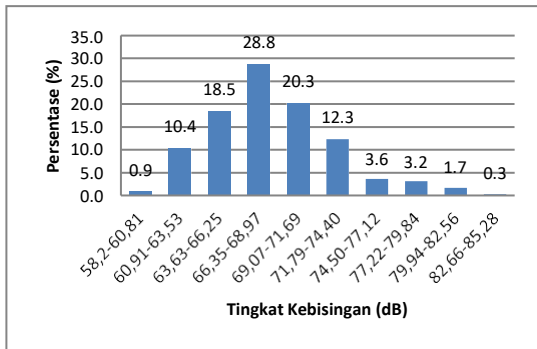
Pukul 14.00-14.10 WITA



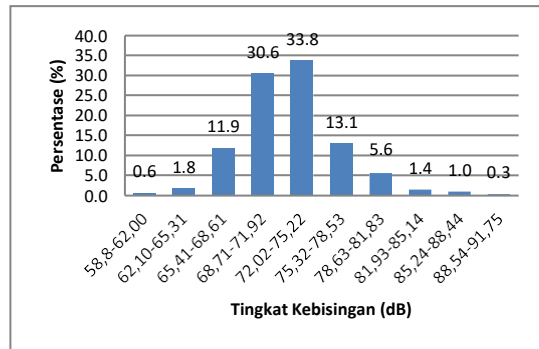
Pukul 15.00-15.10 WITA



Pukul 16.00-16.10 WITA



Pukul 17.00-17.10 WITA



Pukul 18.00-18.10 WITA