Signal glgl1400_neutralino1100

Channel 1

AUC:
1: Flow-Efficient-Likelihood score= 9.1e-01
2: Combined-OR-DeepSVDD-Flow score= 9.0e-01
3: Combined-OR-VAE-beta1-z21-Flow score= 8.9e-01
4: Combined-AVG-DeepSVDD-Flow score= 8.7e-01
5: Flow-Efficient-No-E-Likelihood score= 8.5e-01

$\epsilon_S(\epsilon_B = 10^{-2})$:
1: Flow-Efficient-Likelihood score= 4.4e-01
2: Combined-OR-VAE-beta1-z21-Flow score= 3.5e-01
3: Combined-OR-DeepSVDD-Flow score= 3.5e-01
4: Combined-AVG-DeepSVDD-Flow score= 2.6e-01
5: Flow-Efficient-No-E-Likelihood score= 2.4e-01

$\epsilon_S(\epsilon_B = 10^{-3})$:
1: Flow-Efficient-Likelihood score= 1.5e-01
2: Combined-AVG-DeepSVDD-Flow score= 1.1e-01
3: SimpleAE score= 8.3e-02
4: Combined-AND-DeepSVDD-Flow score= 8.0e-02
5: Flow-Efficient-No-E-Likelihood score= 7.0e-02

$\epsilon_S(\epsilon_B = 10^{-4})$:
1: Flow-Efficient-Likelihood score= 1.5e-01
2: SimpleAE score= 4.3e-02
3: Combined-AND-DeepSVDD-Flow score= 4.0e-02
4: Combined-AVG-DeepSVDD-Flow score= 4.0e-02
5: Flow-Efficient-No-E-Likelihood score= 3.0e-02

Channel 3

AUC:
1: VAE-HouseholderSNF score= 9.8e-01
2: VAE-PlanarFlow score= 9.7e-01
3: Flow-Efficient-Likelihood score= 9.6e-01
4: VAE-TriangularSNF score= 9.6e-01
5: Flow-Efficient-No-E-Likelihood score= 9.5e-01

$\epsilon_S(\epsilon_B = 10^{-2})$:
1: Flow-Efficient-No-E-Likelihood score= 5.3e-01
2: Flow-Efficient-Likelihood score= 5.2e-01
3: Combined-OR-VAE-beta1-z21-Flow score= 3.7e-01
4: Combined-OR-DeepSVDD-Flow score= 3.6e-01
5: Combined-AVG-DeepSVDD-Flow score= 3.2e-01

$\epsilon_S(\epsilon_B = 10^{-3})$:
1: Flow-Efficient-No-E-Likelihood score= 2.5e-01
2: Combined-AVG-DeepSVDD-Flow score= 1.0e-01
3: SimpleAE score= 9.5e-02
4: Combined-AND-DeepSVDD-Flow score= 7.0e-02
5: Combined-PROD-VAE-beta1-z21-Flow score= 5.0e-02

$\epsilon_S(\epsilon_B = 10^{-4})$:
1: Flow-Efficient-No-E-Likelihood score= 8.0e-02
2: SimpleAE score= 3.9e-02
3: DeepSetVAE-beta-1.0 weight-1.0 score= 3.5e-02
4: VAE-NoF score= 3.0e-02
5: Combined-AND-VAE-beta1-z21-Flow score= 2.0e-02