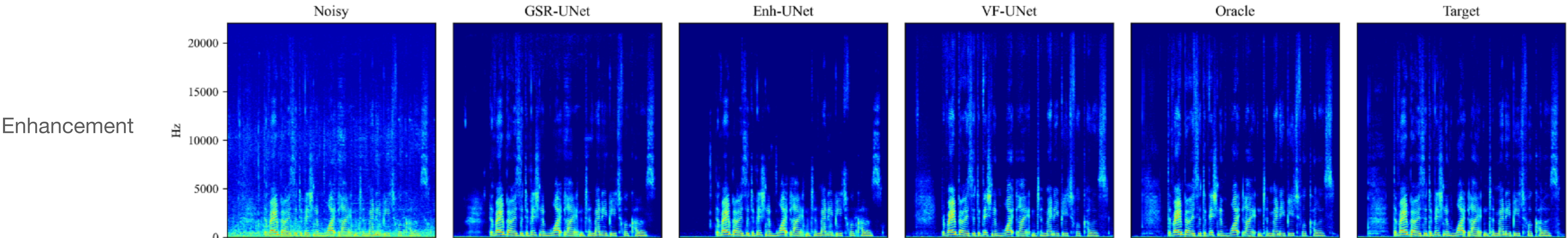
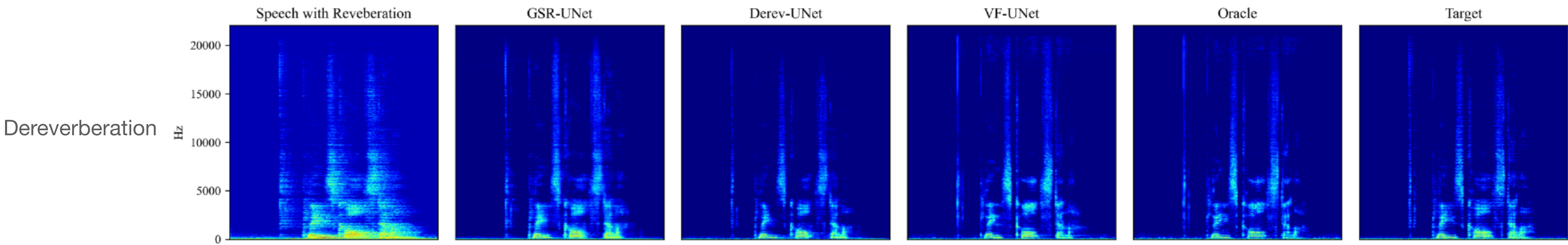


Experiments

Speech Enhancement and Dereverberation



Comparison between different enhancement methods



Comparison between different dereverberation methods

Experiments

Speech Enhancement and Dereverberation

Table.11 Performance on enhancement task

Models	SiSNR	PESQ	SiSPNR	MOS
Unprocessed	8.40	1.97	9.78	3.20
Oracle	-17.52	2.85	12.84	3.64
Target	/	/	/	3.69
SEGAN *	/	2.16	/	/
Wave-U-Net *	/	2.40	/	/
Wiener *	/	2.22	/	/
Weakly Labelled *	/	2.28	/	/
GSR-UNet	16.42	2.82	12.25	3.64
Enh-UNet	17.58	2.71	11.82	3.63
VF-DNN	/	1.71	10.93	/
VF-BiGRU	/	2.29	11.72	/
VF-UNet-S	/	2.33	11.19	/
VF-UNet	/	2.43	11.71	3.69

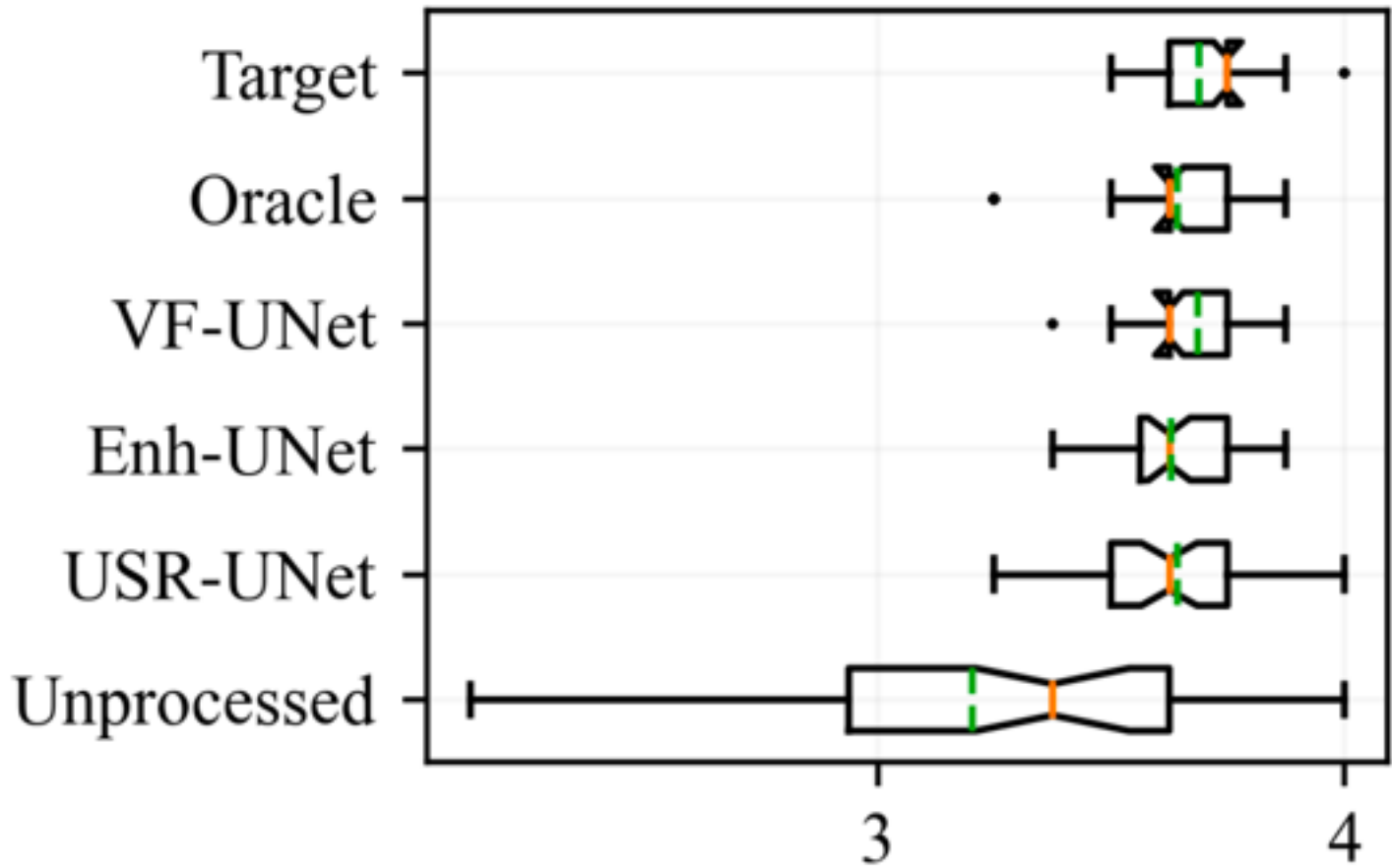


Table.12 Performance on dereverberation task

Models	PESQ	SiSPNR	MOS
Unprocessed	1.99	14.58	2.70
Oracle	2.36	13.65	3.46
Target	/	/	3.51
GSR-UNet	2.35	14.10	3.32
Rev-UNet	2.49	14.99	3.25
VF-DNN	1.41	11.70	/
VF-BiGRU	1.69	13.00	/
VF-UNet-S	1.78	12.80	/
VF-UNet	1.86	13.21	3.52

