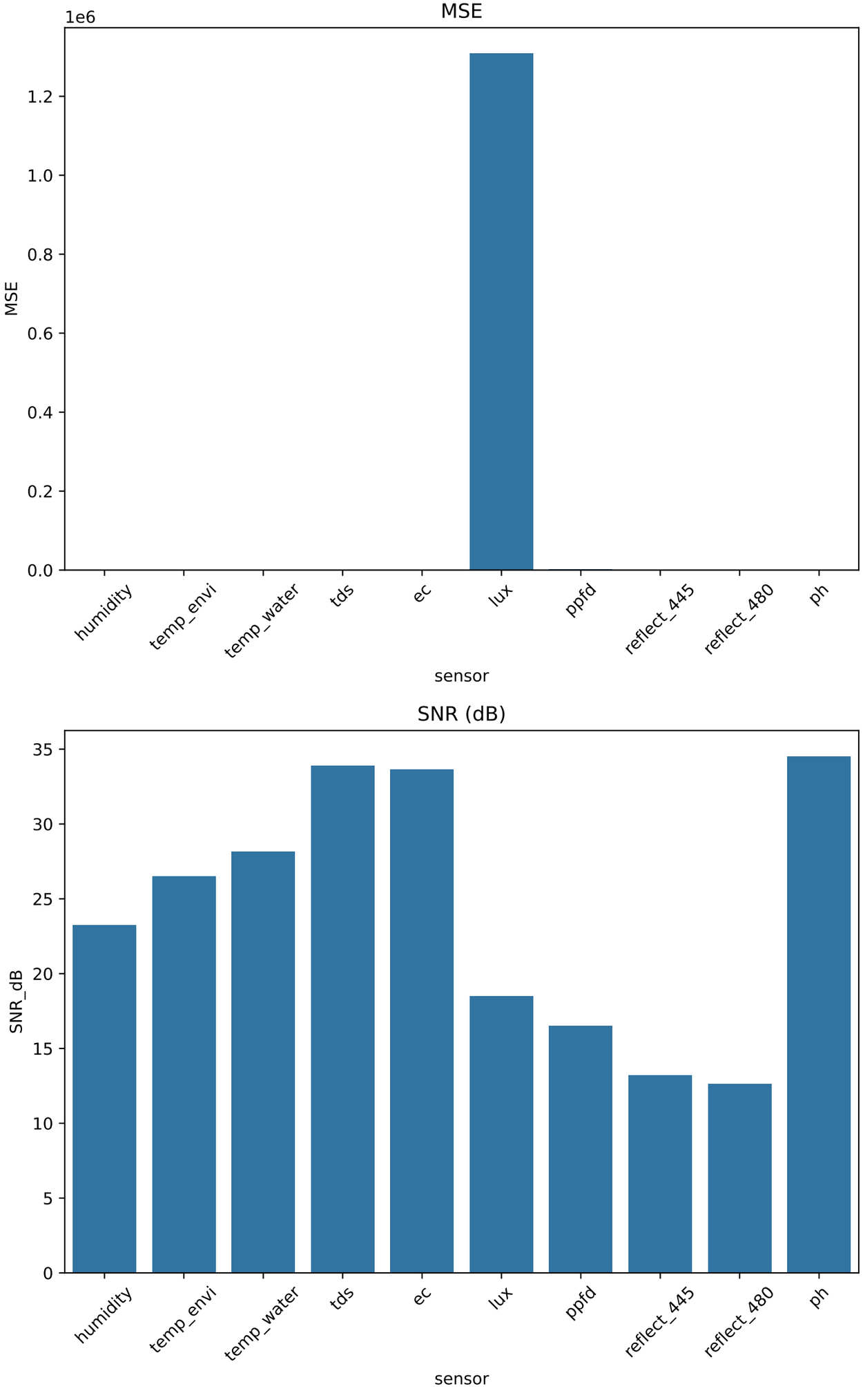
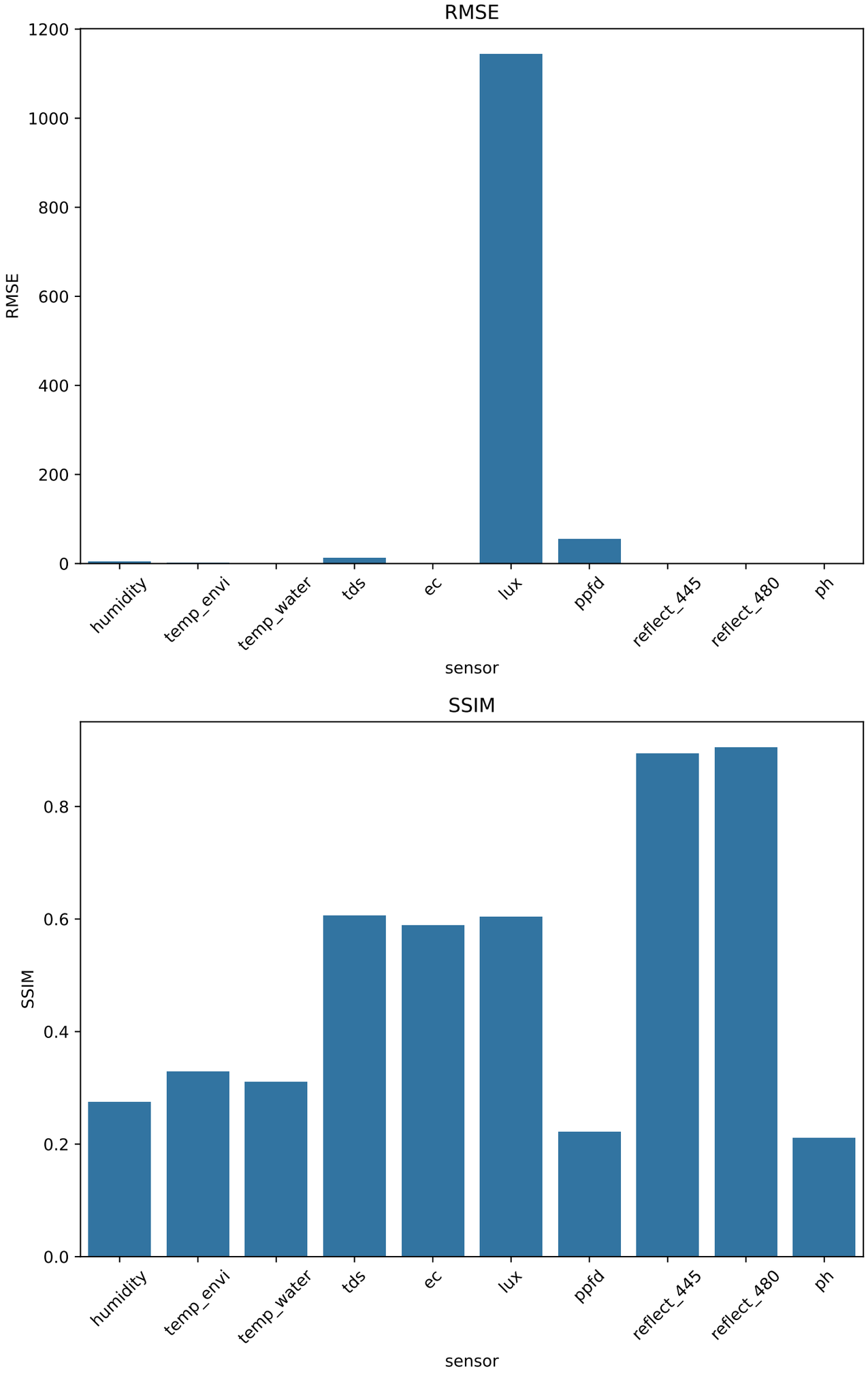
Wavelet Denoising Metrics

sensor	wavelet	level	threshold_mode	MSE	RMSE	SNR_dB	SSIM
humidity	db8	5	soft	19.5326	4.4196	23.2378	0.2749
temp_envi	db4	3	hard	1.8951	1.3766	26.5033	0.3287
temp_water	db4	3	hard	1.1256	1.0609	28.1459	0.3107
tds	db4	4	soft	162.5339	12.7489	33.8829	0.6062
ec	db4	4	soft	0.0004	0.0205	33.6243	0.5891
lux	db4	4	soft	1308285.6777	1143.8032	18.4922	0.6037
ppfd	db4	4	soft	3081.8888	55.5148	16.5116	0.2215
reflect_445	sym8	6	garrote	0.0018	0.043	13.2134	0.8937
reflect_480	sym8	6	garrote	0.0016	0.0398	12.61	0.9052
ph	db4	4	soft	0.0136	0.1166	34.519	0.2113


MSE
1e6
MSE
0.0
0.2
0.4
0.6
0.8
1.0
1.2
humidity
temp_envi
temp_water
tds
ec
lux
ppfd
reflect_445
reflect_480
ph
sensor


RMSE
RMSE
0
200
400
600
800
1000
1200
humidity
temp_envi
temp_water
tds
ec
lux
ppfd
reflect_445
reflect_480
ph
sensor

SNR (dB)
SNR_dB
0
5
10
15
20
25
30
35
humidity
temp_envi
temp_water
tds
ec
lux
ppfd
reflect_445
reflect_480
ph
sensor

SSIM
SSIM
0.0
0.2
0.4
0.6
0.8
humidity
temp_envi
temp_water
tds
ec
lux
ppfd
reflect_445
reflect_480
ph
sensor