In addition, in our paper, we only list some scale factors. Our network also can achieve SR for large integer scale factors and small precision scale factors (for example:1.21, 8, 16, 32). The experimental results are as follows:

TABLE I

THE EXPERIMENTAL RESULTS (PSNR/SSIM) OF RSI-HFAS.

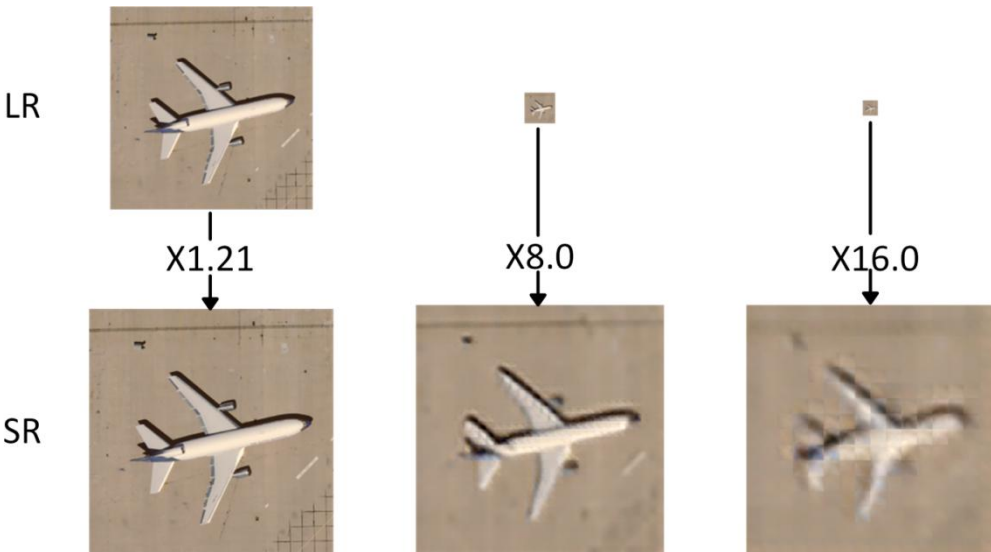| Scale	x1.21	x8.0	x16.0	x32.0
RSI-HFAS	47.01/0.9959	27.43/0.8335	23.38/0.7488	19.61/0.7093

Fig. 1. The visual results of RSI-HFAS for scales x1.21, x8.0, and x16.0.

According to Table I of our paper, we have drawn a plot, which can better pic up the trends of decreasing quality with the with increasing scale factor. It is shown in Fig. 1.
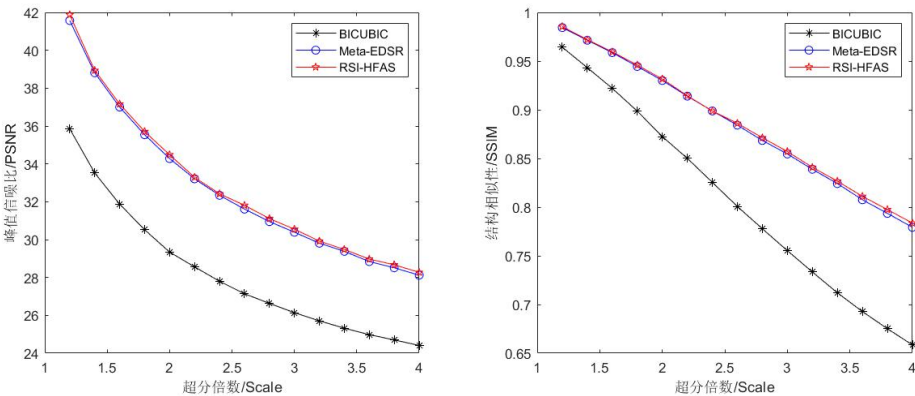

Fig. 1. The comparison charts of RSI SR results on the indicators PSNR and SSIM.

We also perform the execution time comparison of five compared models. The experimental comparison results are shown in Table II and Table III.

TABLE II

THE EXECUTION TIME (**TIME(S)**/PSNR) COMPLEXITY COMPARISON
ON THE REM5 DATASETS FOR NON-INTEGER SCALE FACTORS.

Methods	RSI-HFAS	Meta-EDSR
x1.5	**1.25**/37.96	**0.62**/37.84
x2.0	**0.88**/34.48	**0.54**/34.28
x2.5	**0.95**/32.17	**0.55**/31.97
x3.0	**0.79**/30,55	**0.50**/30.39
x3.5	**0.87**/29.26	**0.50**/29.13
x4.0	**0.76**/28.27	**0.48**/28.12

TABLE III

THE EXECUTION TIME (**TIME(S)**/PSNR) COMPLEXITY COMPARISON
ON THE GEO10 DATASETS FOR INTEGER SCALE FACTORS.

Methods	x2.0	x3.0	x4.0
SRResNet	**0.02**/29.93	**0.02**/27.19	**0.02**/25.56
VDSR	**0.01**/30.68	**0.01**/27.85	**0.01**/26.18
DRRN	**0.02**/30.39	**0.02**/27.66	**0.02**/25.99
SRFBN	**0.70**/31.01	**0.31**/28.22	**0.27**/26.50
Meta-EDSR	**0.25**/31.64	**0.25**/28.44	**0.24**/26.66
RSI-HFAS	**0.30**/31.75	**0.38**/28.54	**0.28**/26.73

The execution time and PSNR are shown in Table II and Table III and the execution times are shown in bold. From Table II, we can find that the execution time of our network is longer than Meta-EDSR. But, the performance of our network is better than Meta-EDSR and the improvement of PSNR is relatively optimistic and competitive. From Table III, we can find that even compared with other methods, which can only achieve SR on the integer scale factor, the execution time of our network is not worst. Although the execution time of our network is longer than most methods, the performance of our network is best. Furthermore, these methods which can only achieve SR on the integer scale factor need to be trained separately for each different scale factor, it will need great computational and time consumption. But our network only needs training once to achieve RSI continuous-scale SR. So, in a word, our network is still very competitive.