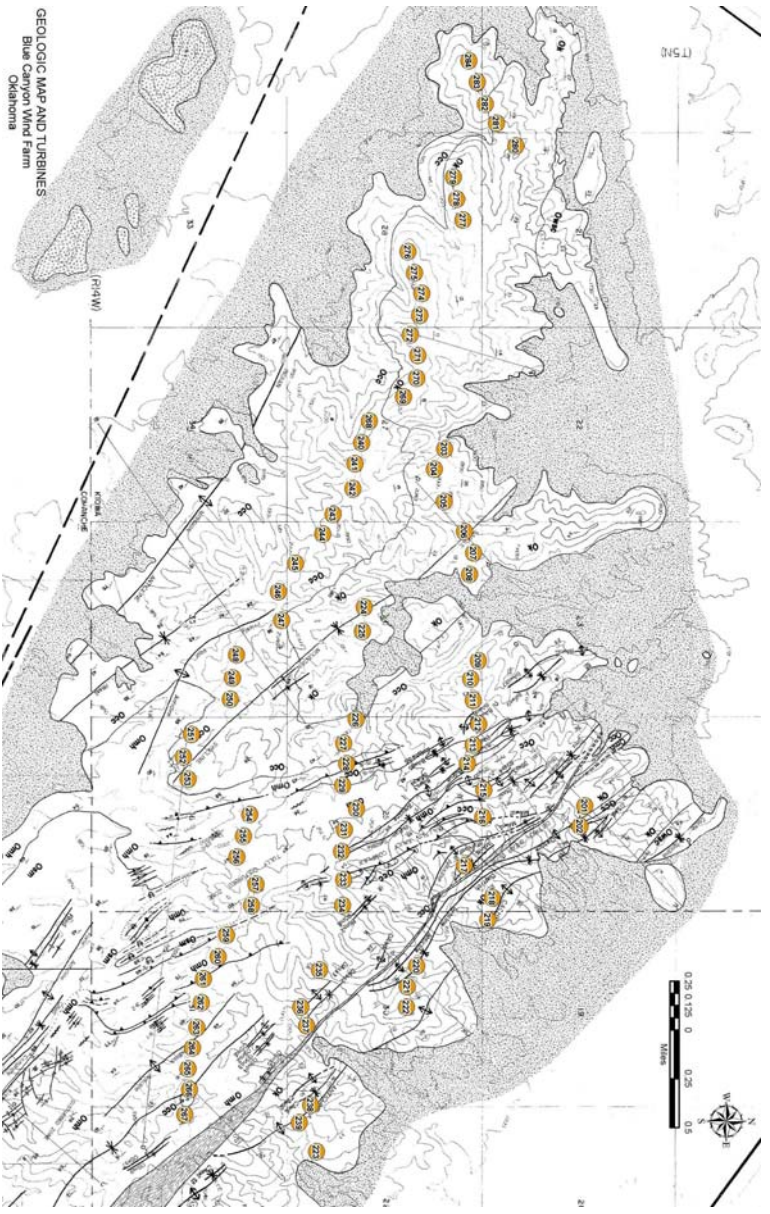


# Seismic Characterization of Wind Turbine Sites Near Lawton, Oklahoma, by the MASW Method

## APPENDIX II: Maps from Side Scattering Analysis (SSA)

---

Choon B. Park and Richard D. Miller  
Kansas Geological Survey  
University of Kansas  
1930 Constant Avenue  
Lawrence, Kansas 66047-3726



Final Report to

Rick Palm and Chris Kopchynski  
Barr Engineering Company  
4700 West 77th Street  
Minneapolis, MN 55435-4803

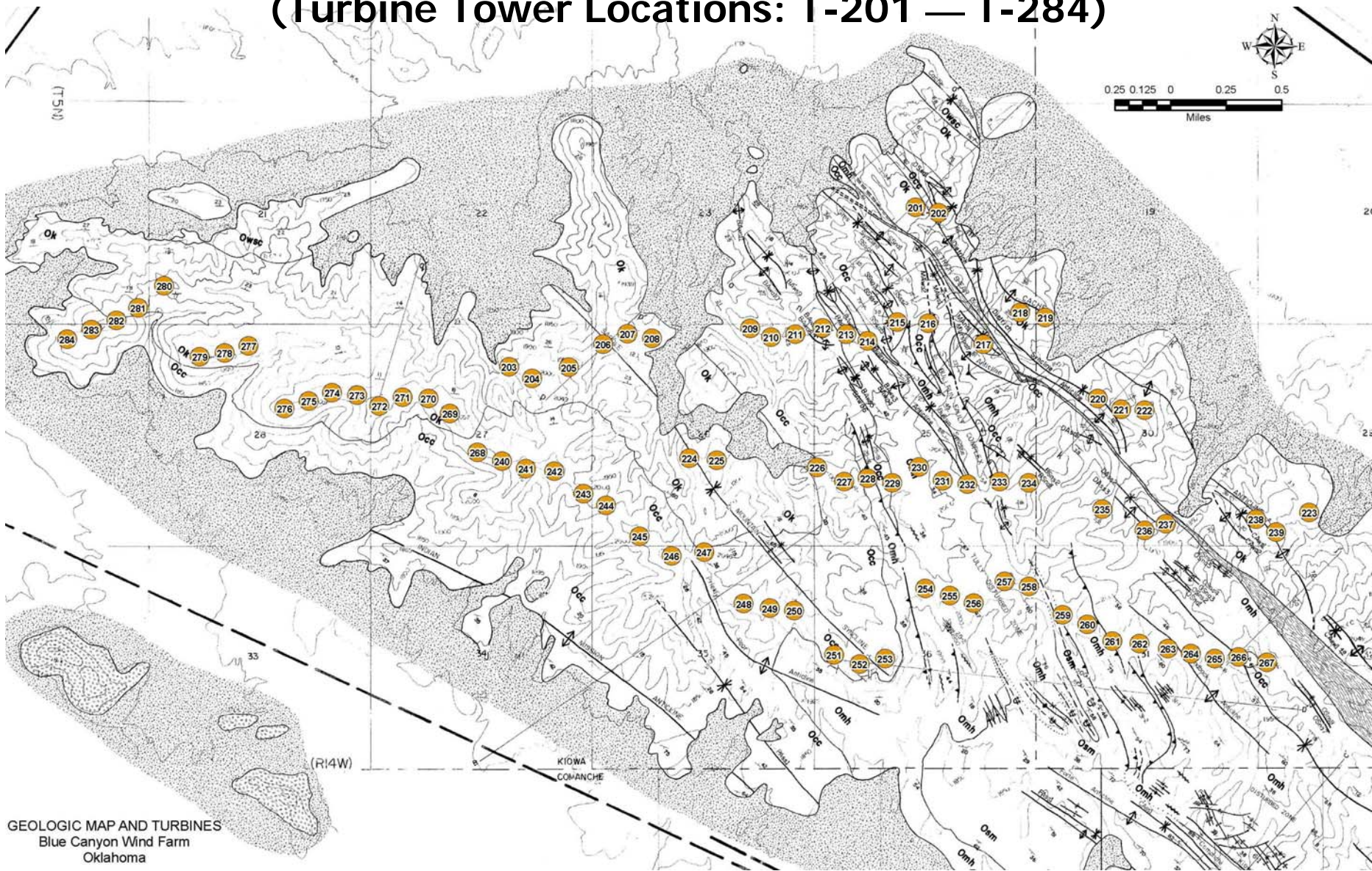
---

Open-file Report 2005-22 (part 3 of 4)

July 5, 2005

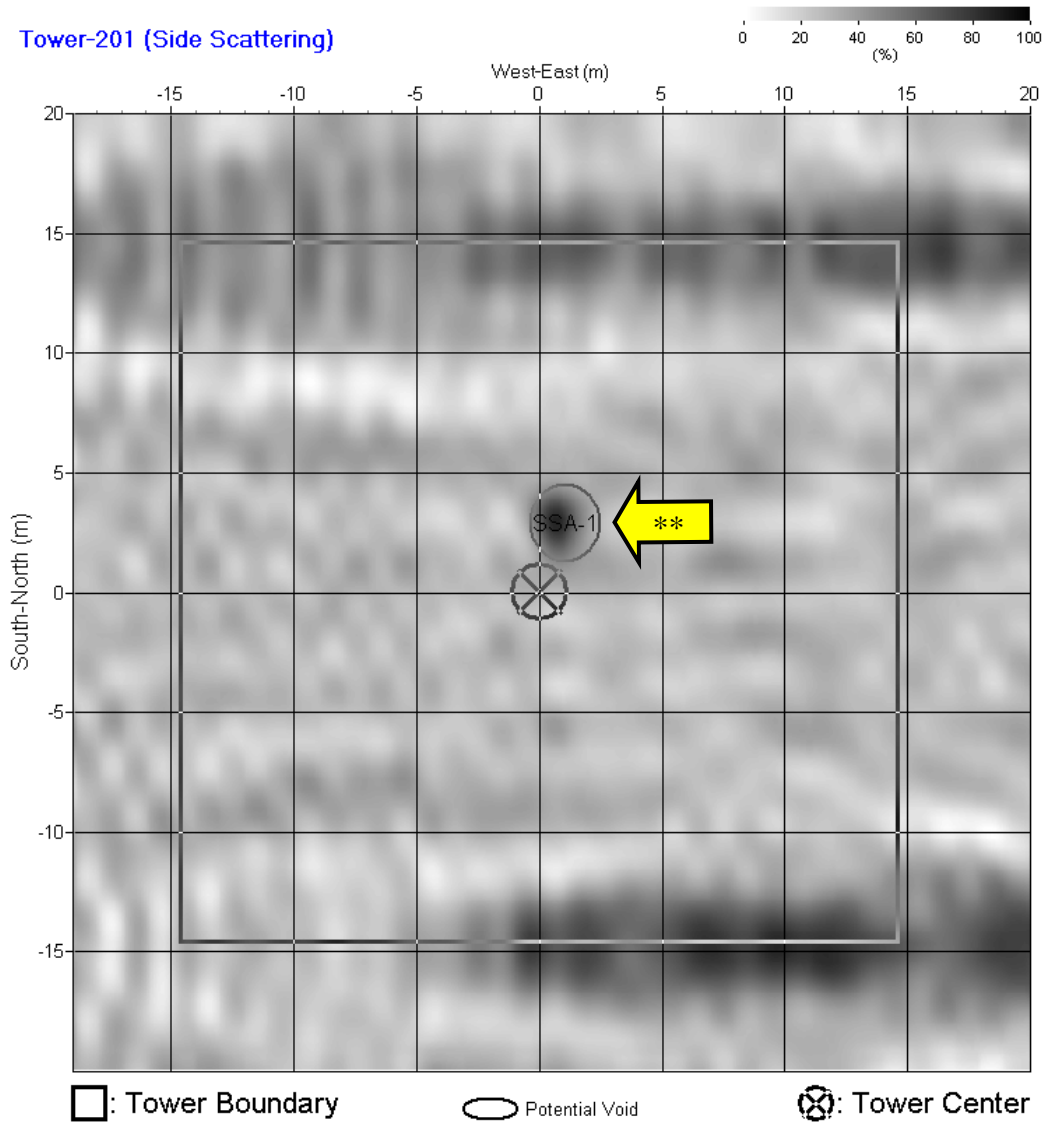


# Blue Canyon Wind Mill Farm Phase II (Turbine Tower Locations: T-201 — T-284)



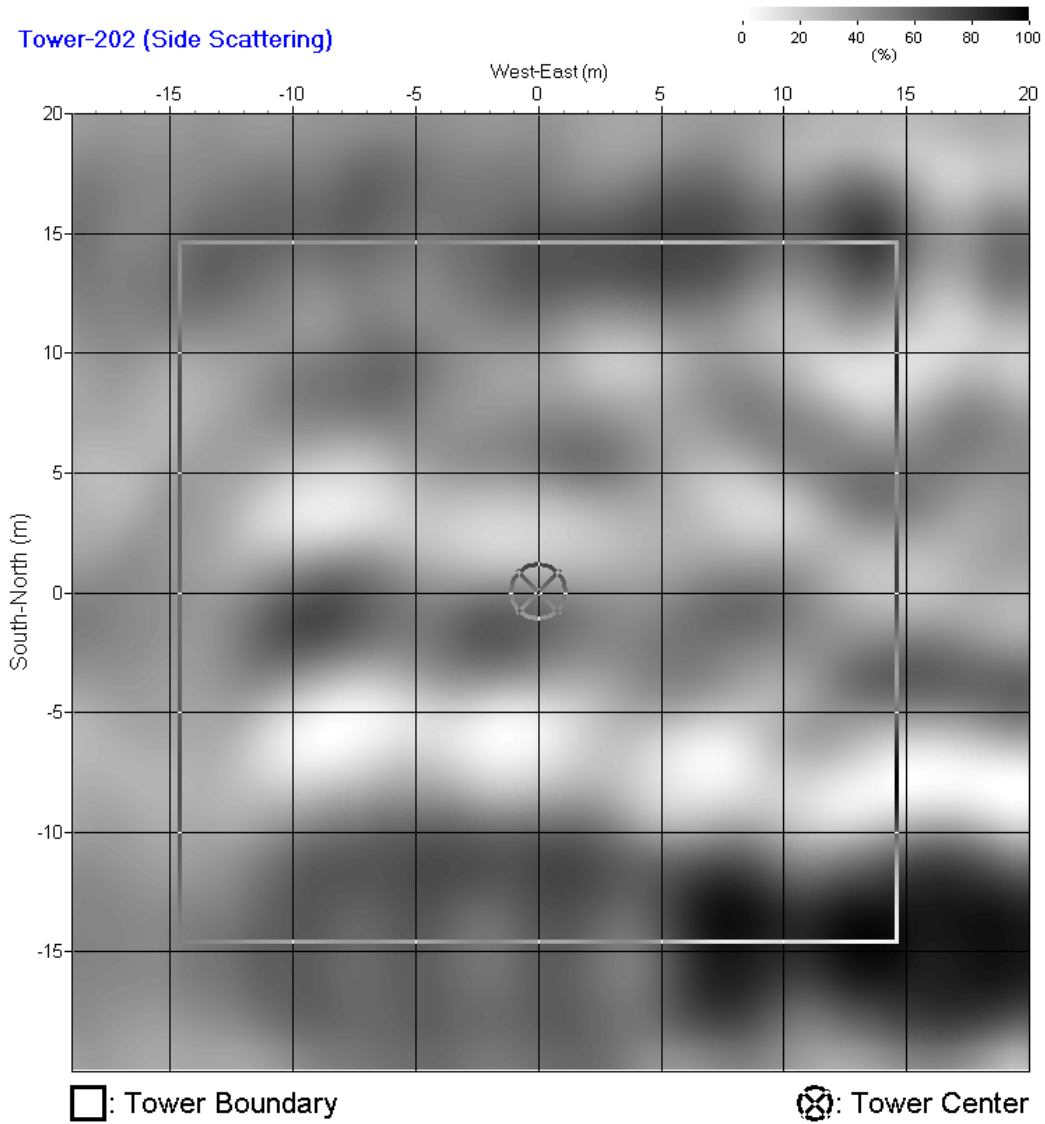
GEOLOGIC MAP AND TURBINES  
Blue Canyon Wind Farm  
Oklahoma

# T-201

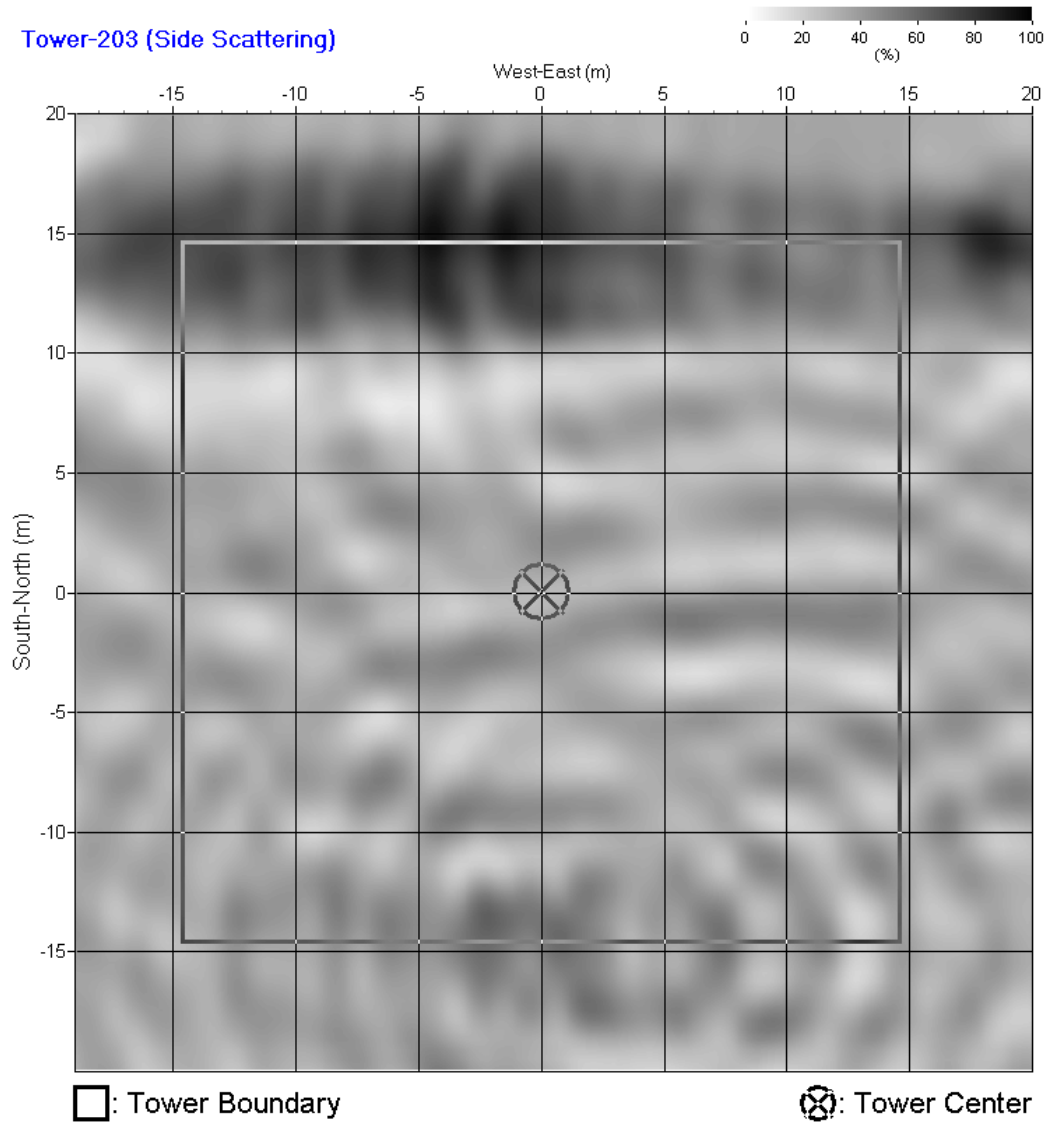


\*\*Potential void (see separate text file for coordinates)

# T-202



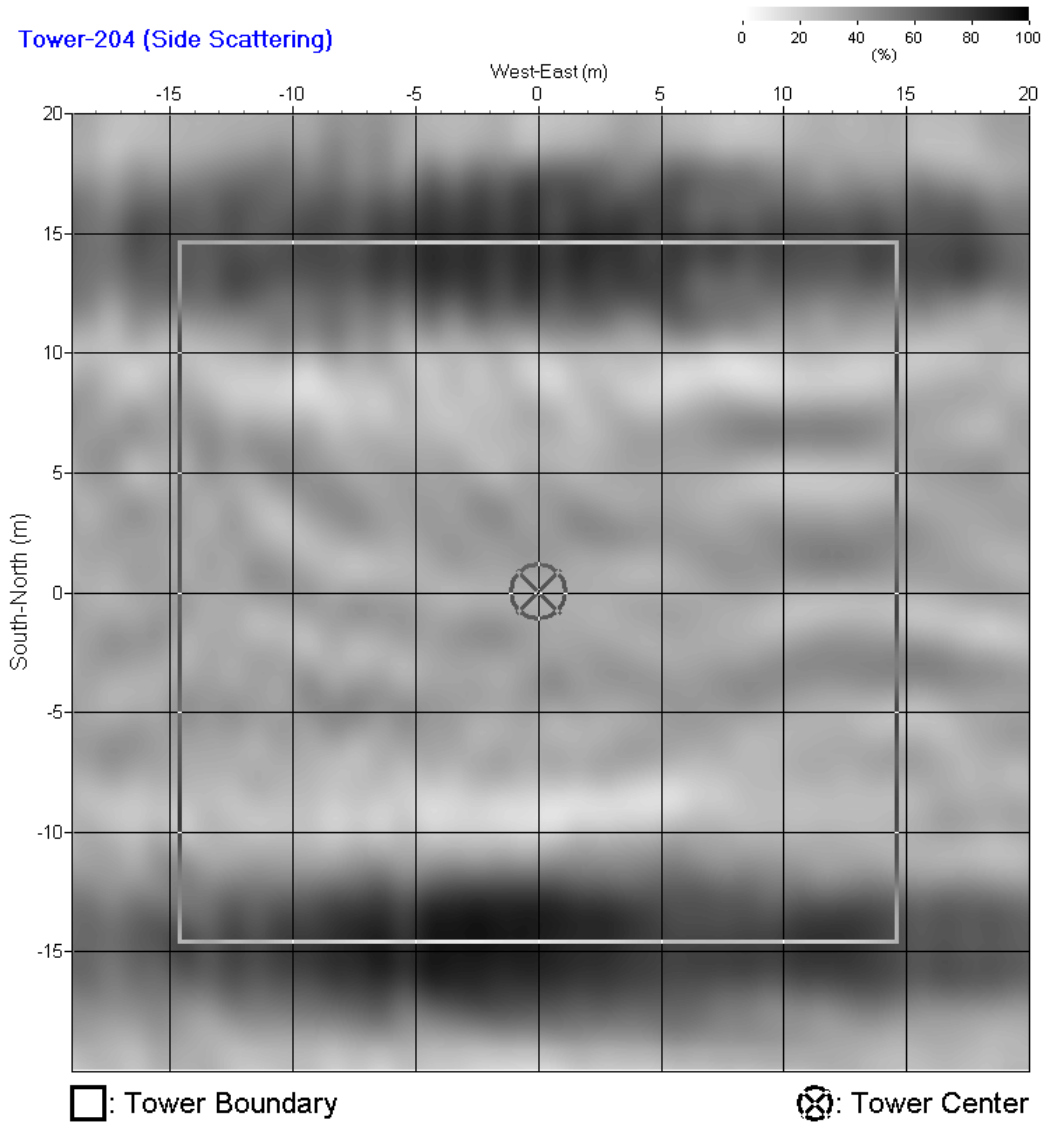
# T-203\*\*



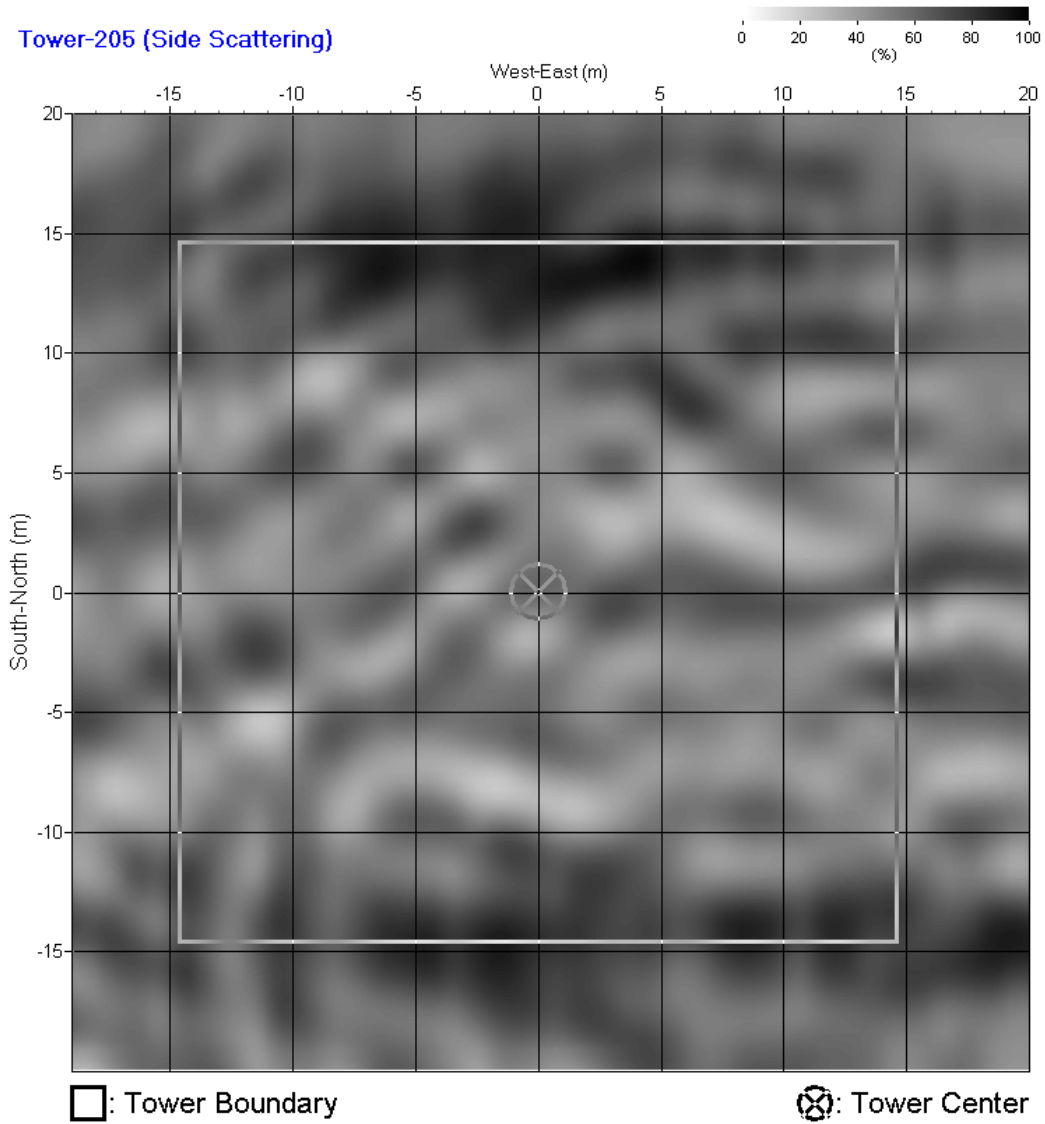
\*\*A shorter receiver spacing of 2 ft was used for line 4 due to terrain condition (steep drop off).



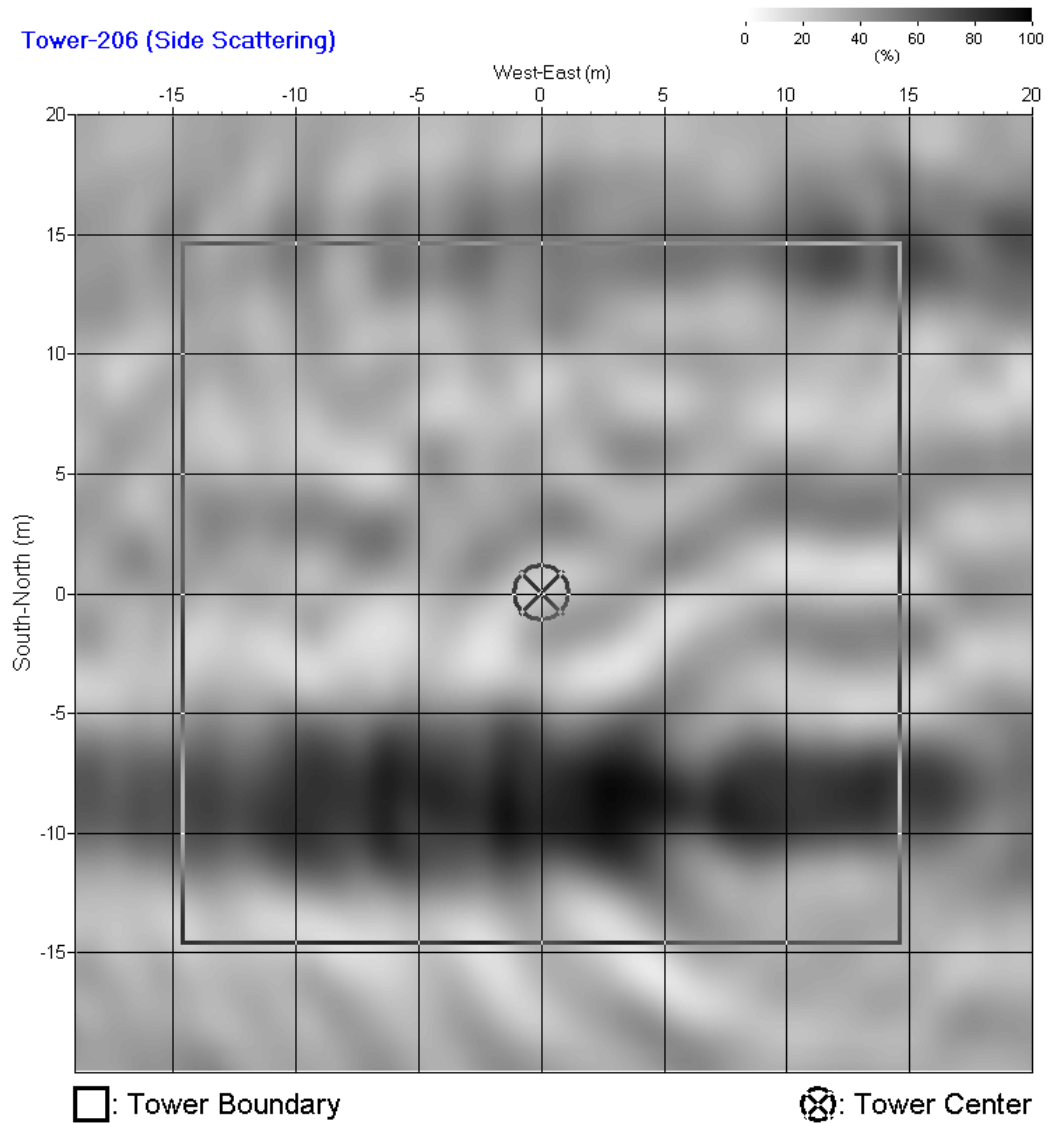
# T-204



# T-205



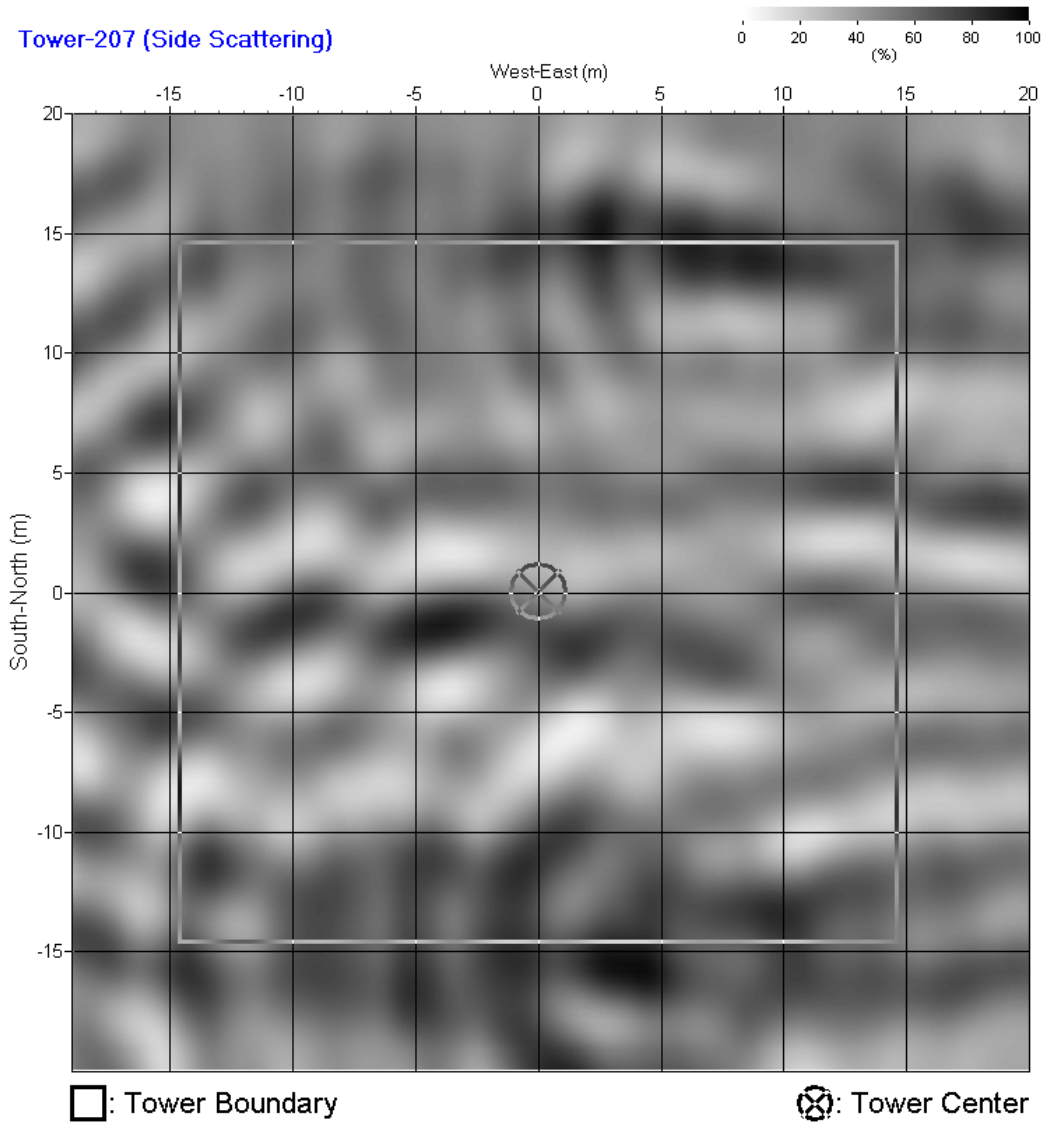
# T-206\*\*



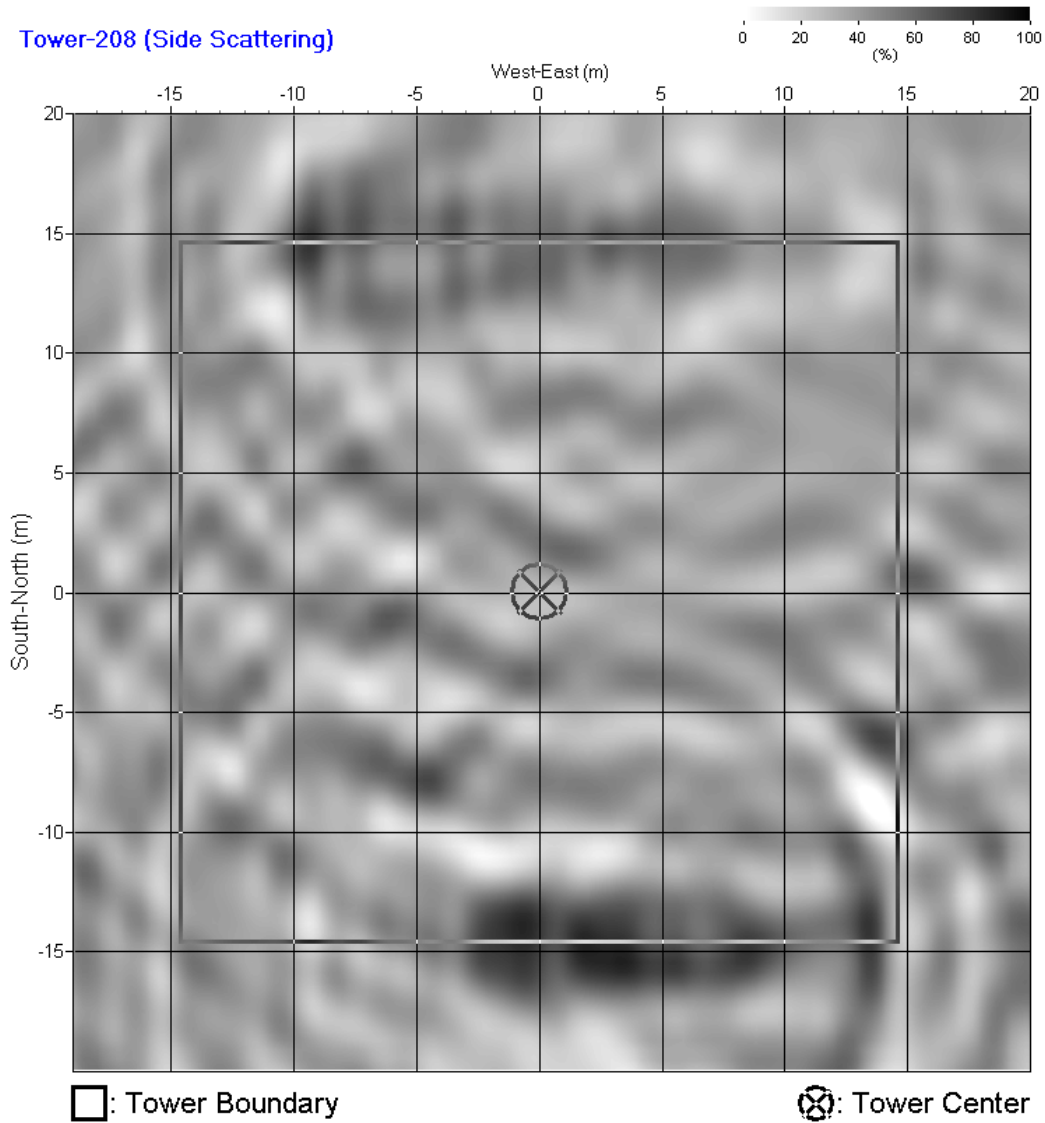
\*\*Line 4 shifted to north by 6 stations (=24ft) from the planned position (12 stations south of tower center) due to terrain condition



# T-207

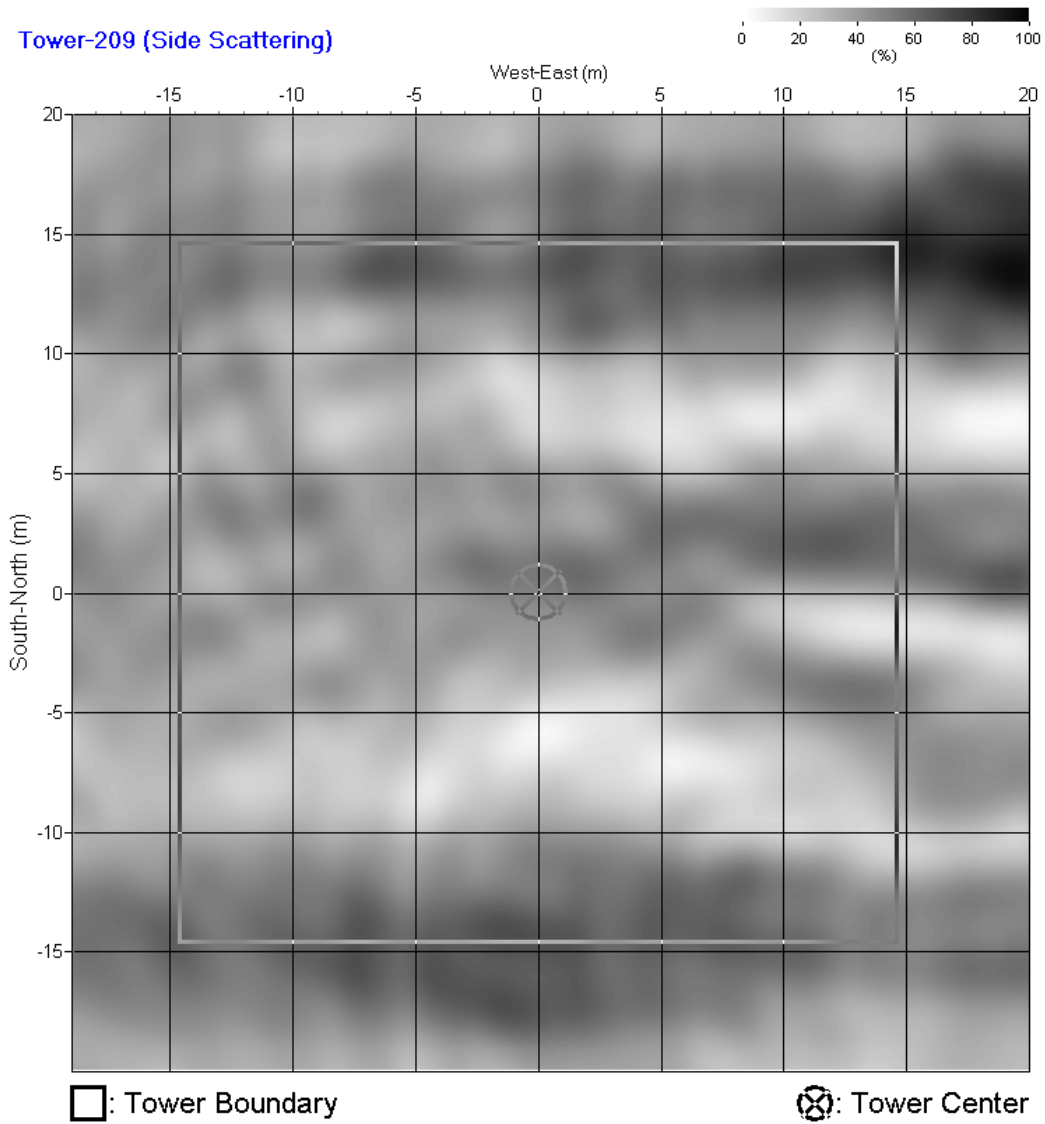


# T-208\*\*

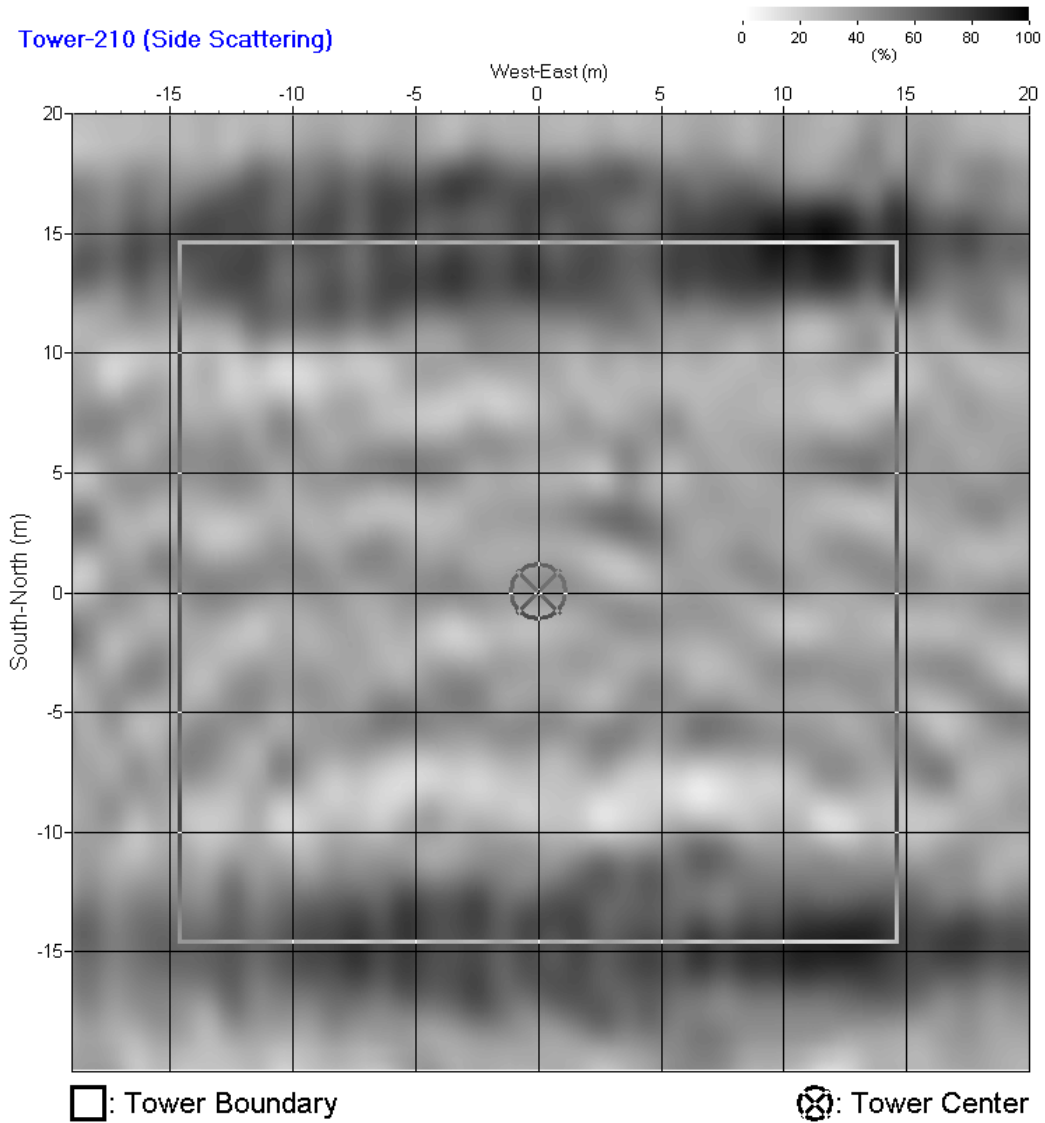


\*\*Lines 2 and 4 used a shorter receiver spacing of 2 ft due to terrain condition (steep drop off).

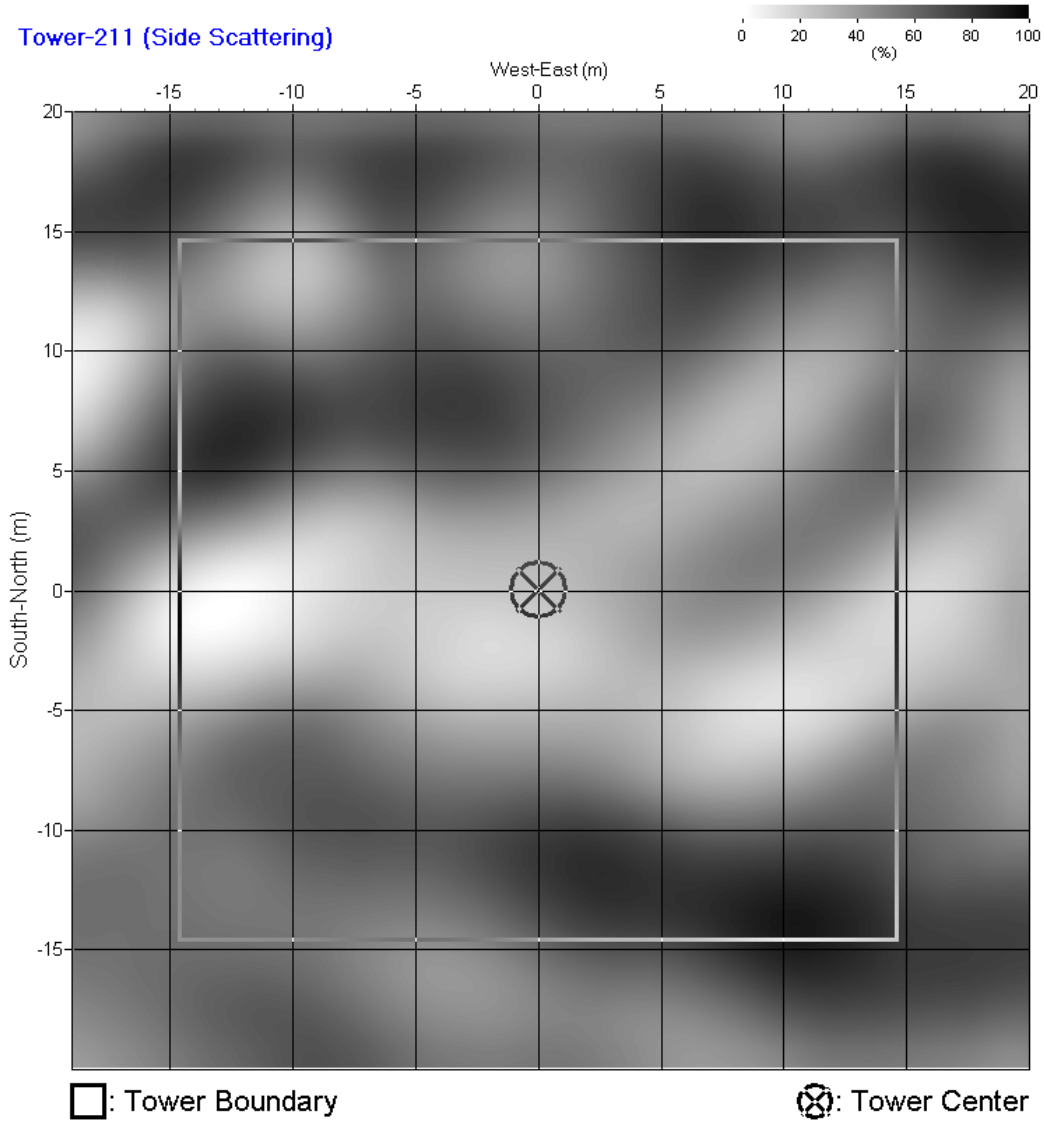
# T-209



# T-210

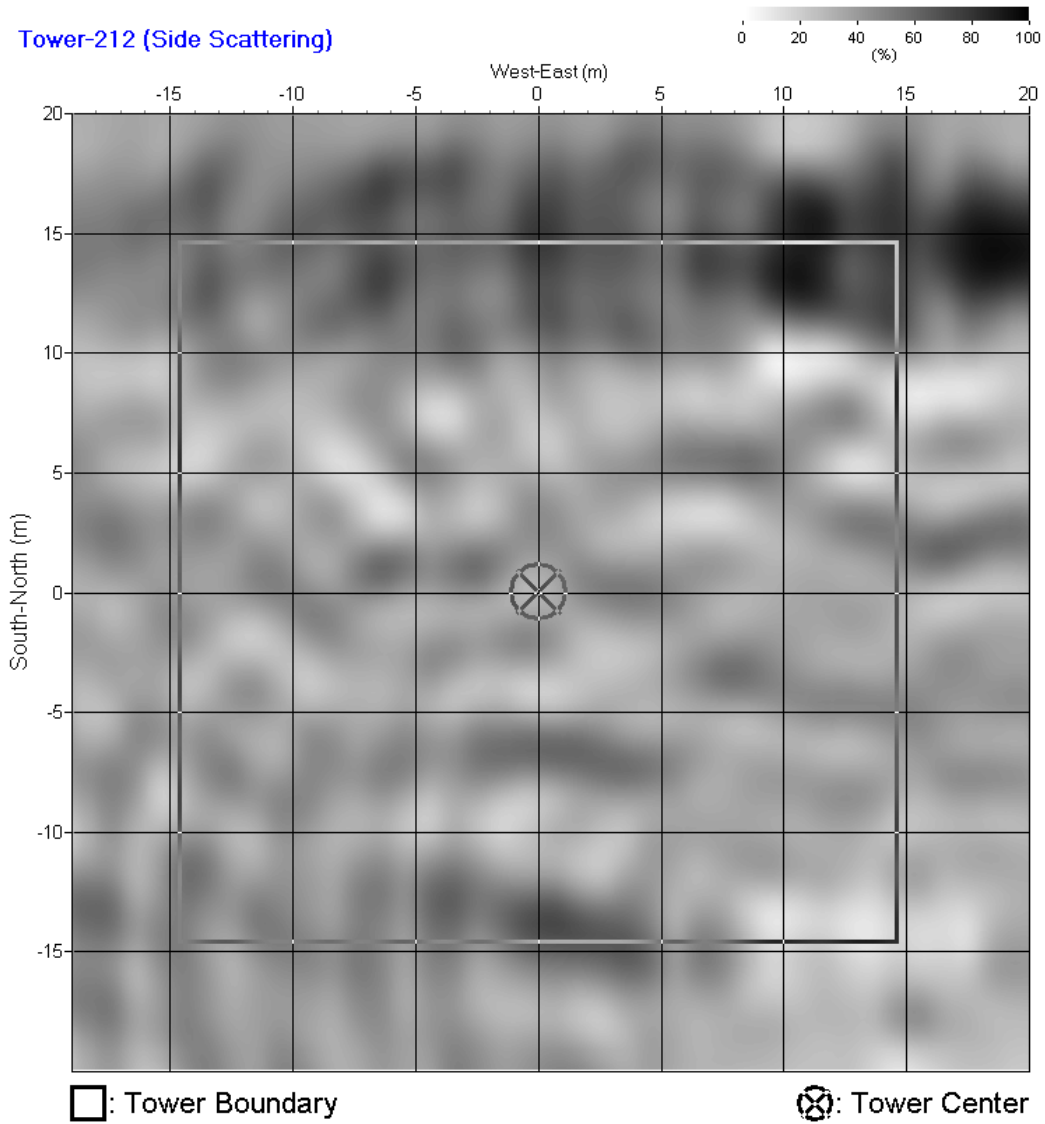


# T-211

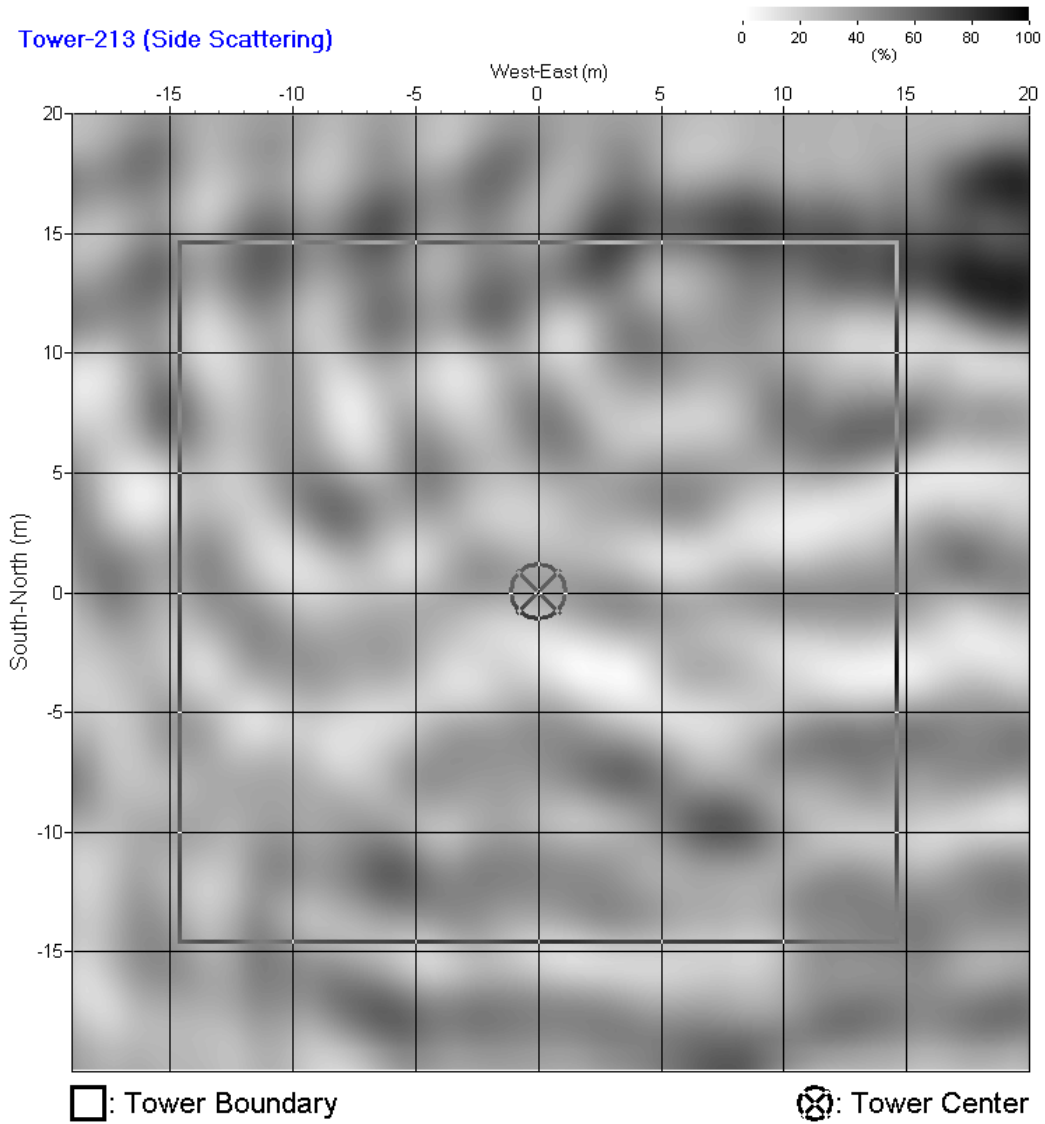




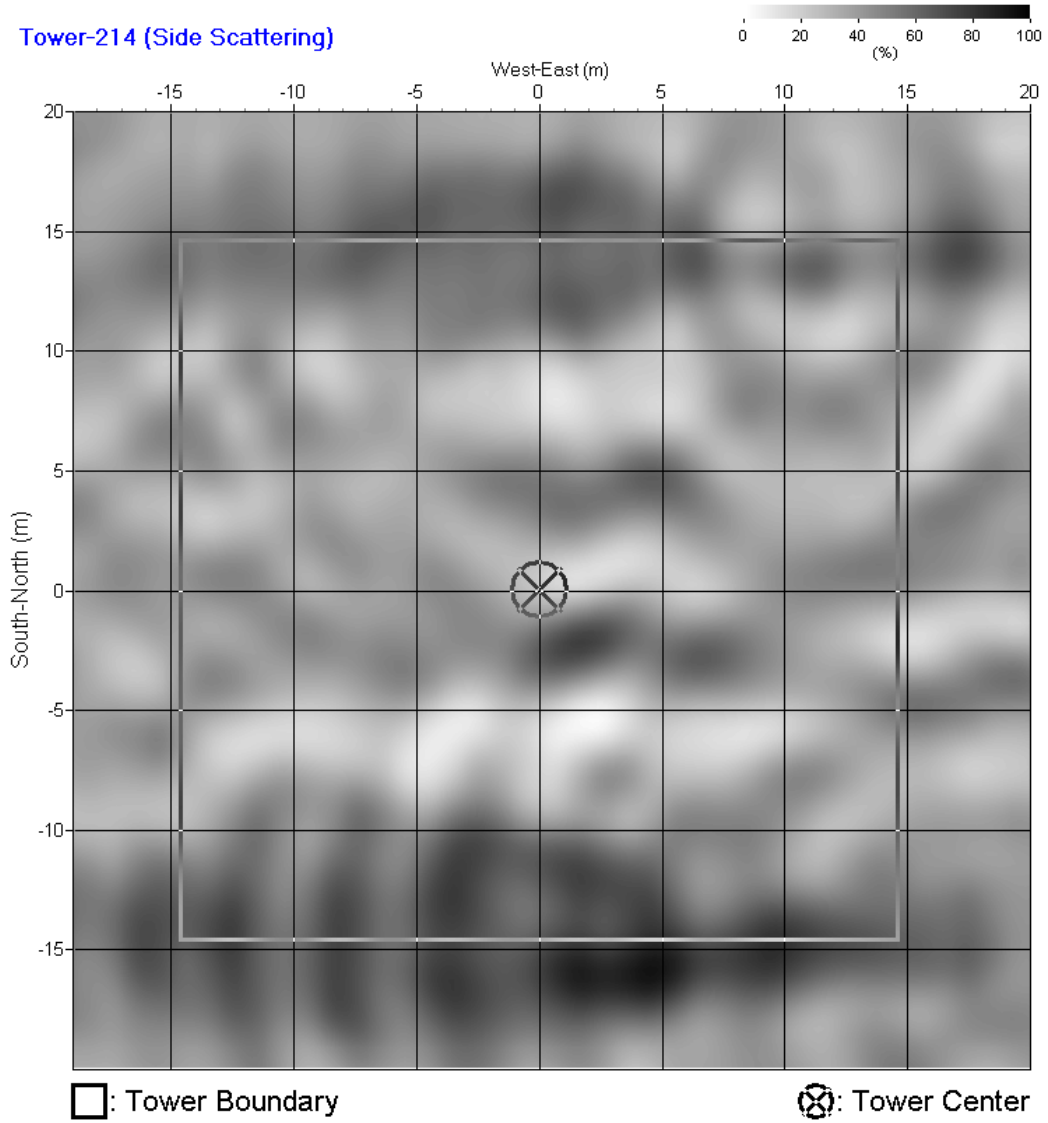
# T-212



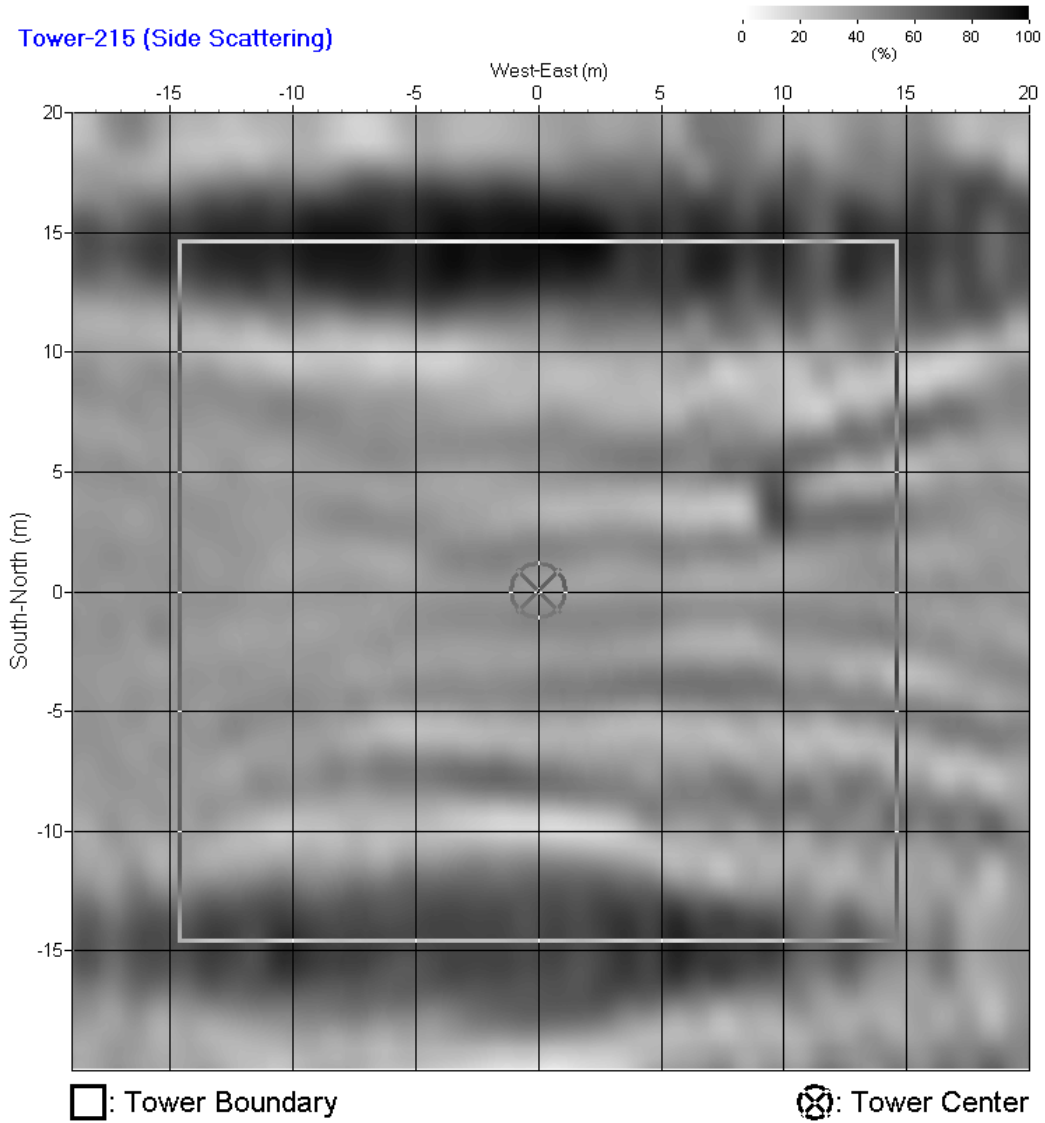
# T-213



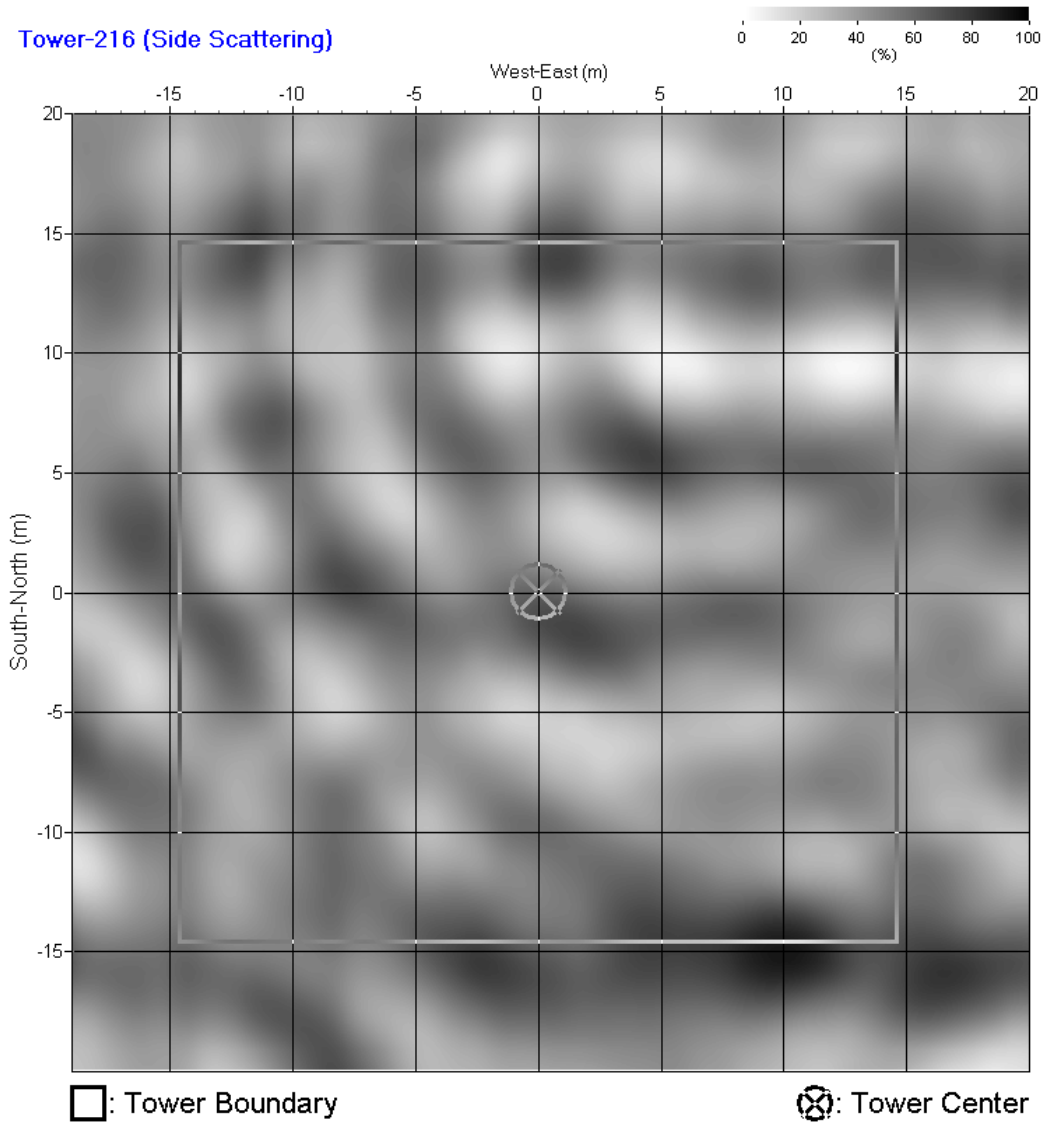
# T-214



# T-215

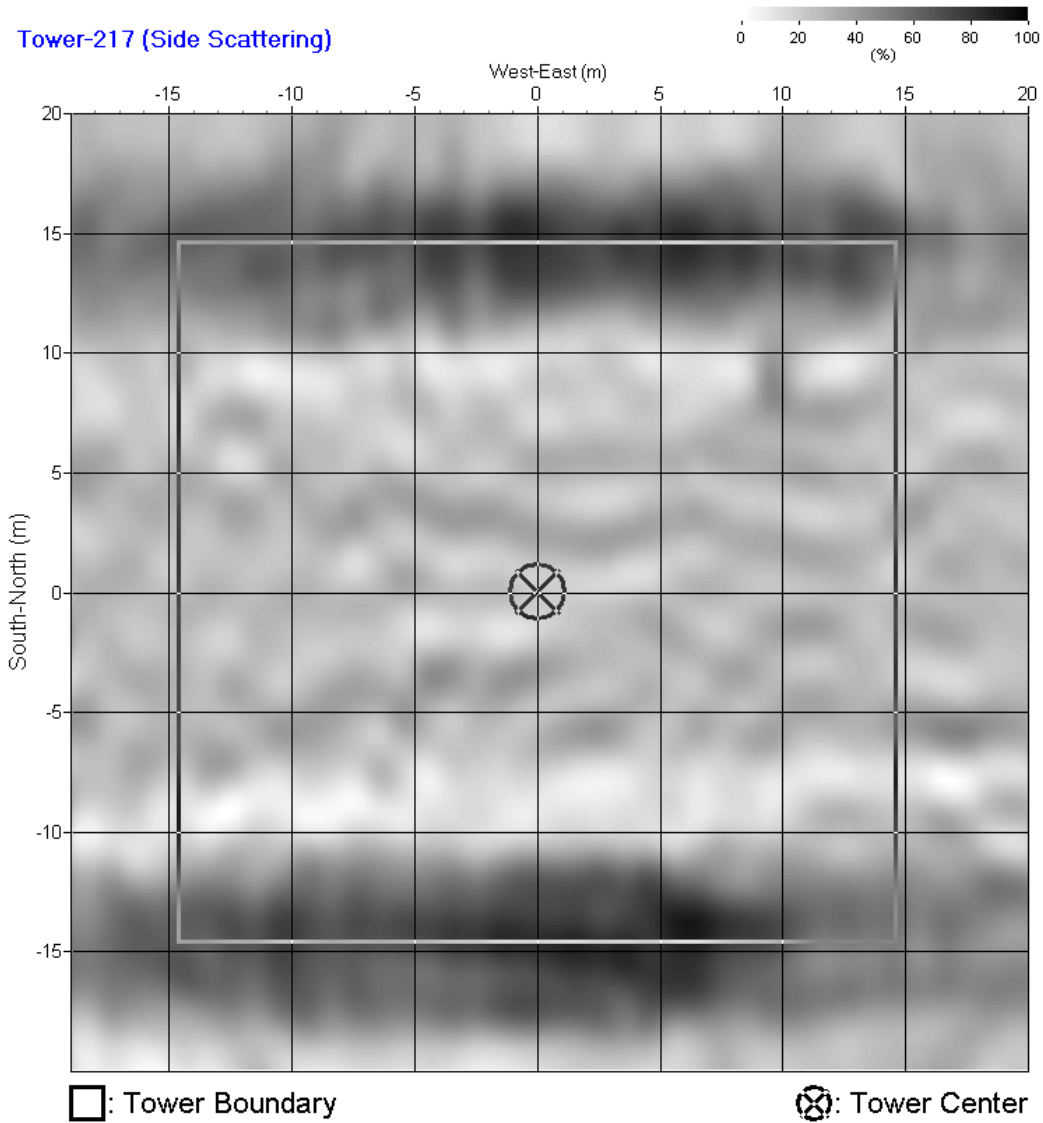


# T-216

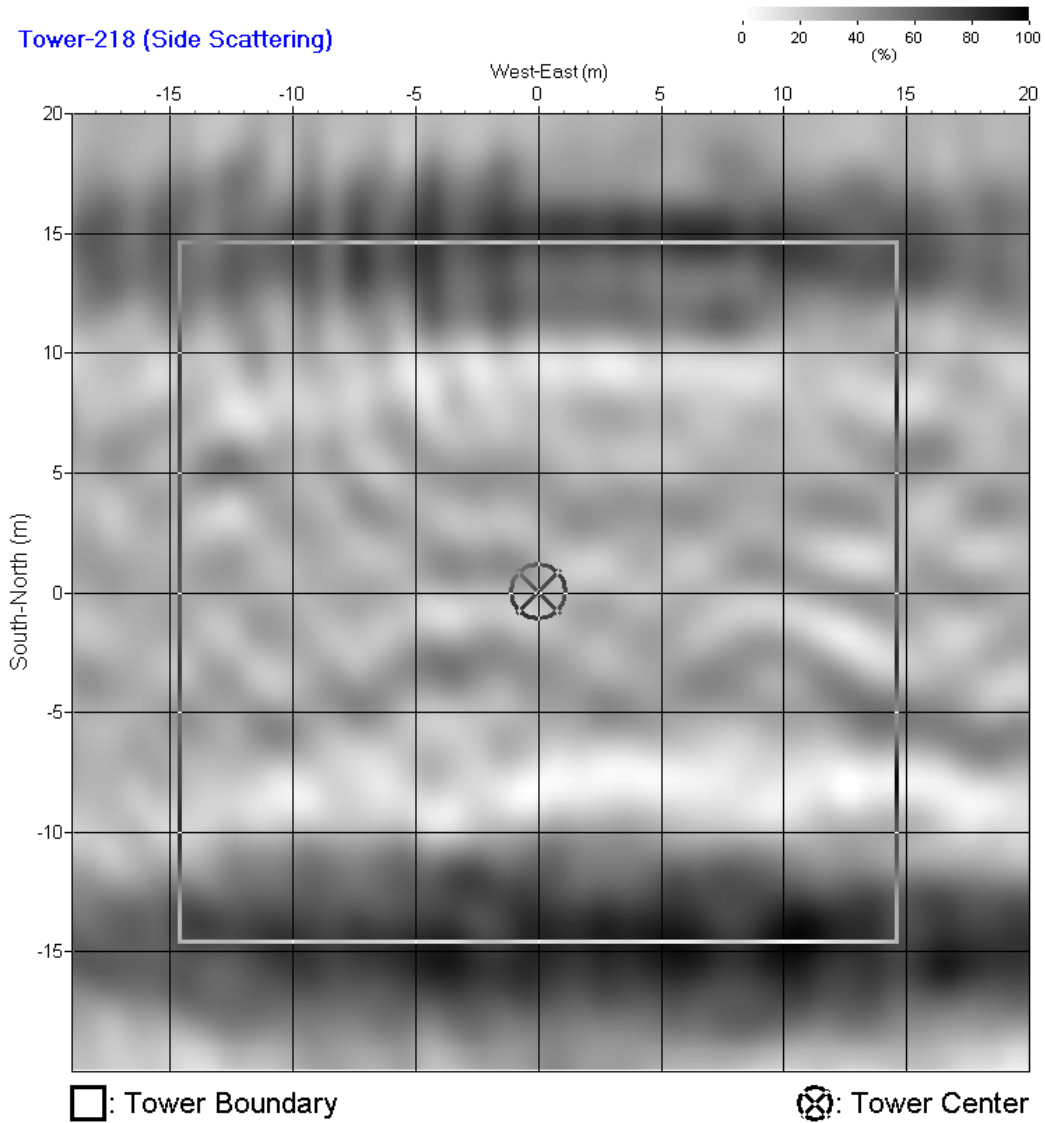




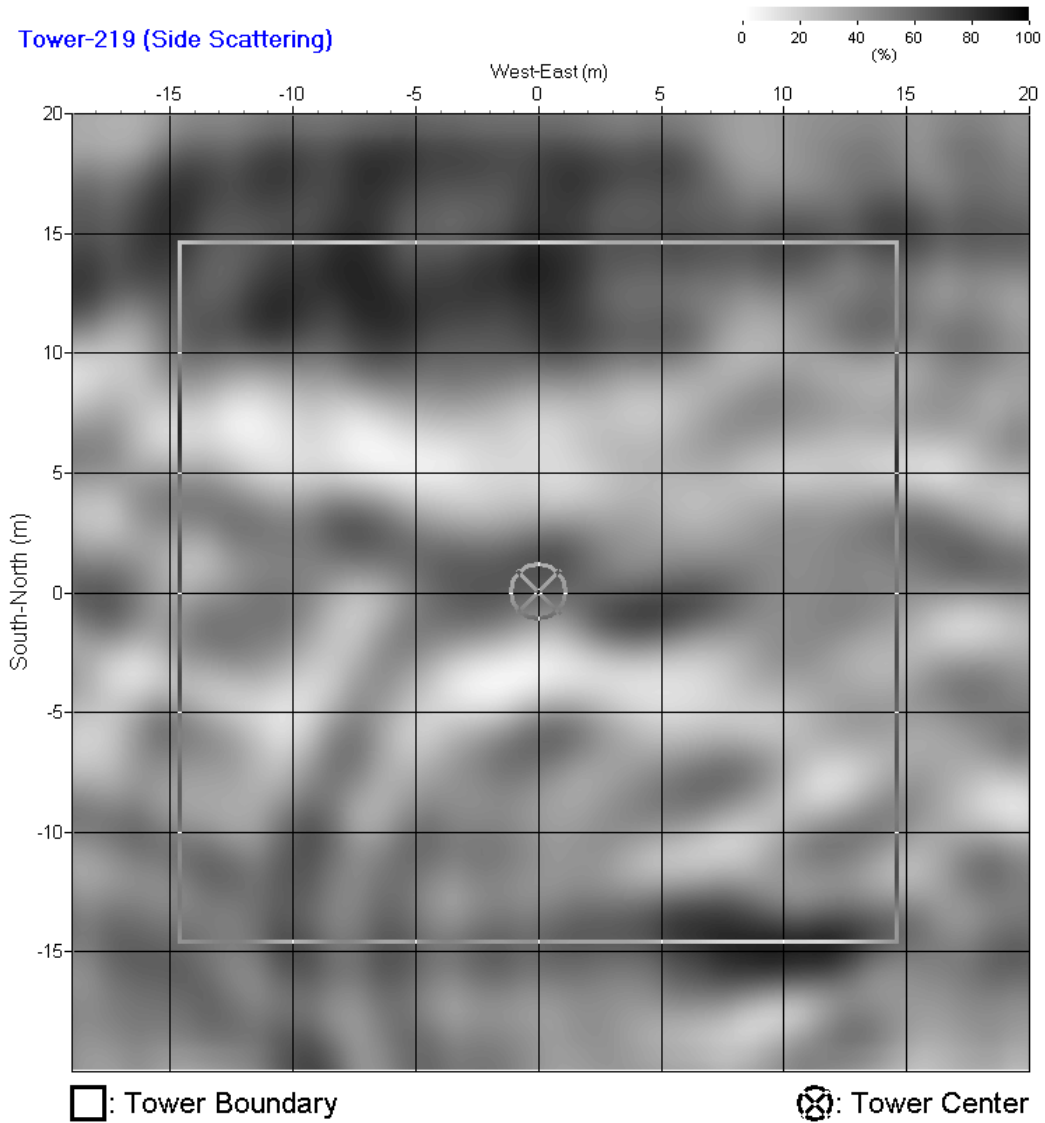
# T-217



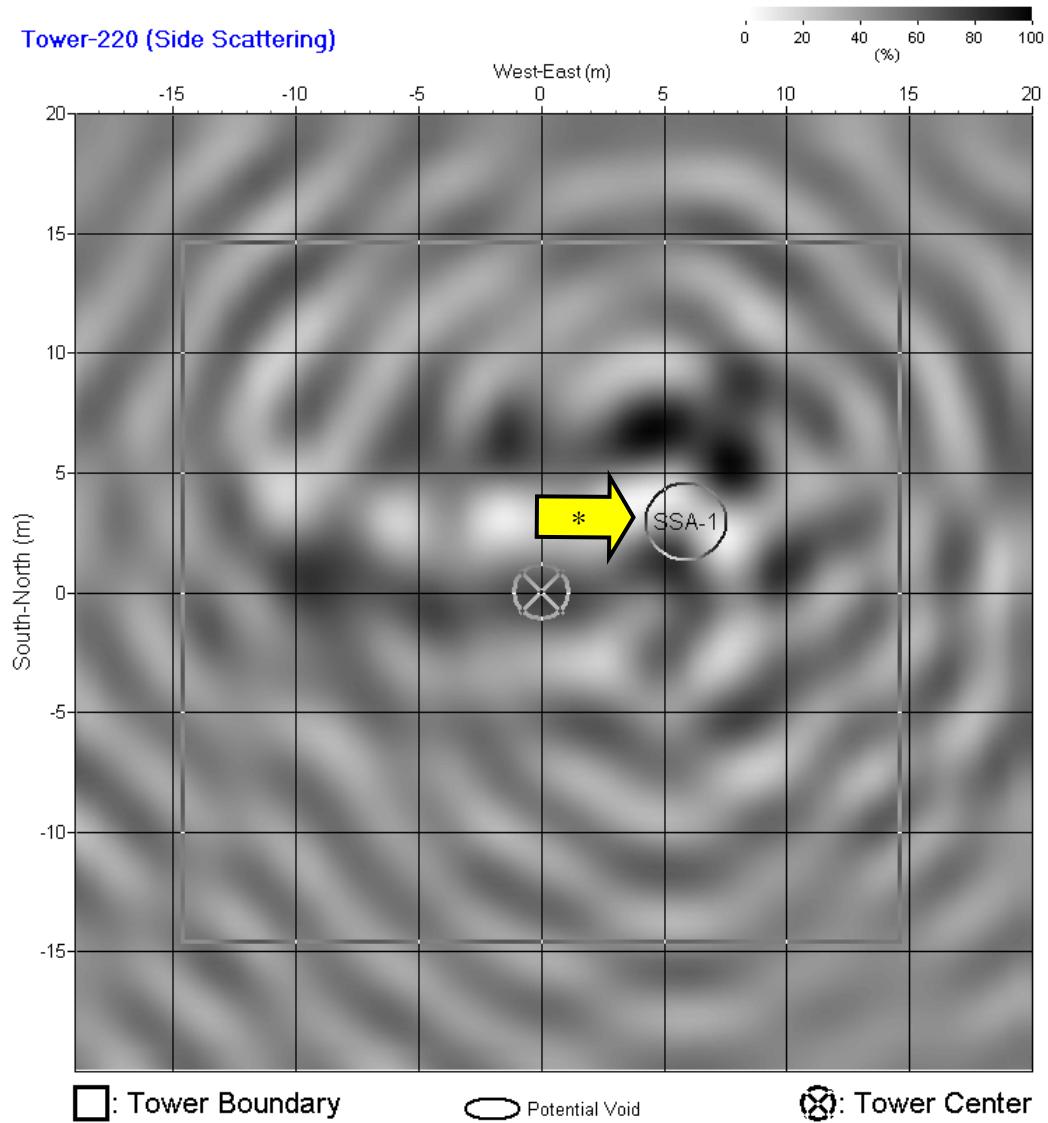
# T-218



# T-219

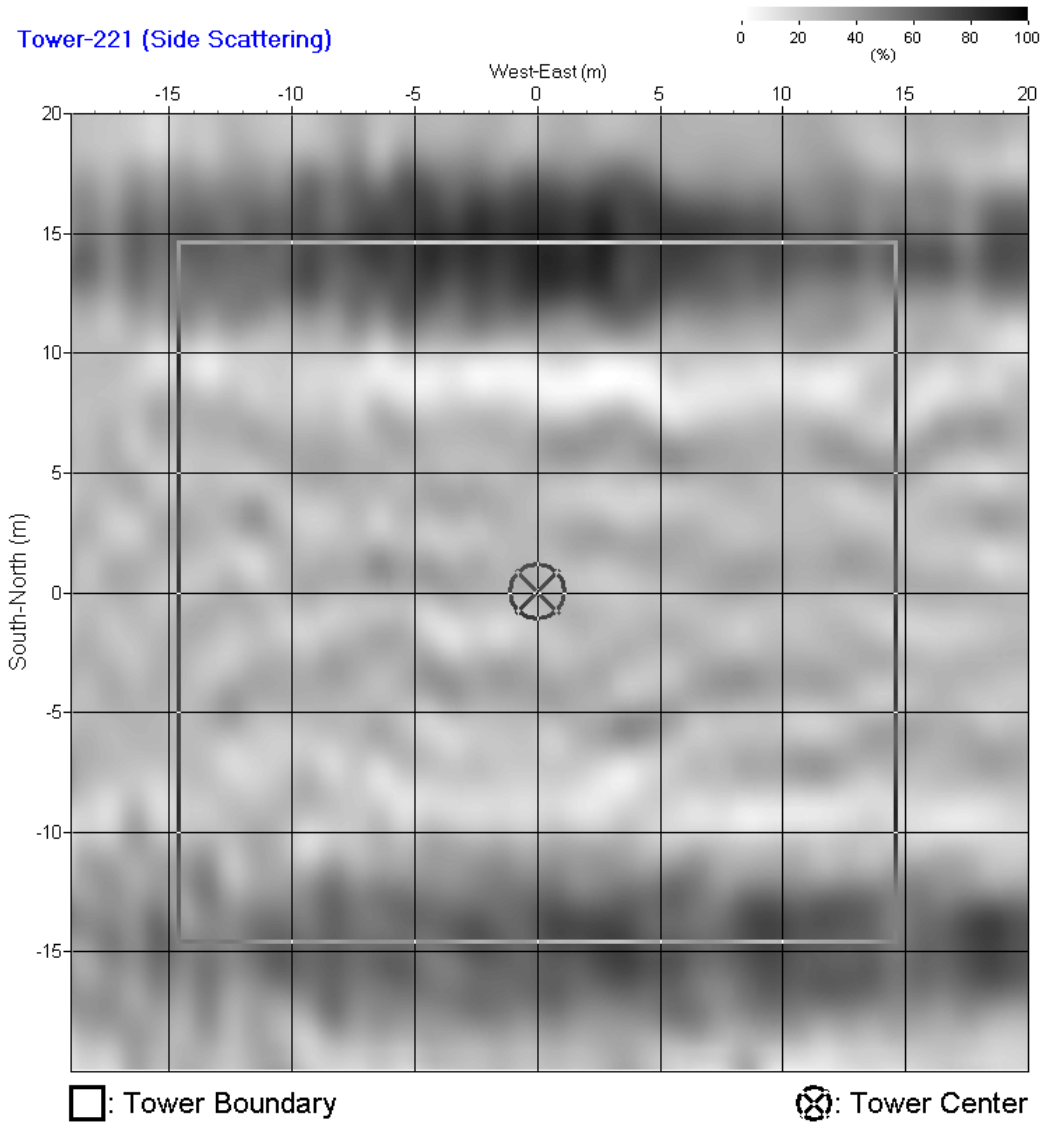


# T-220\*\*



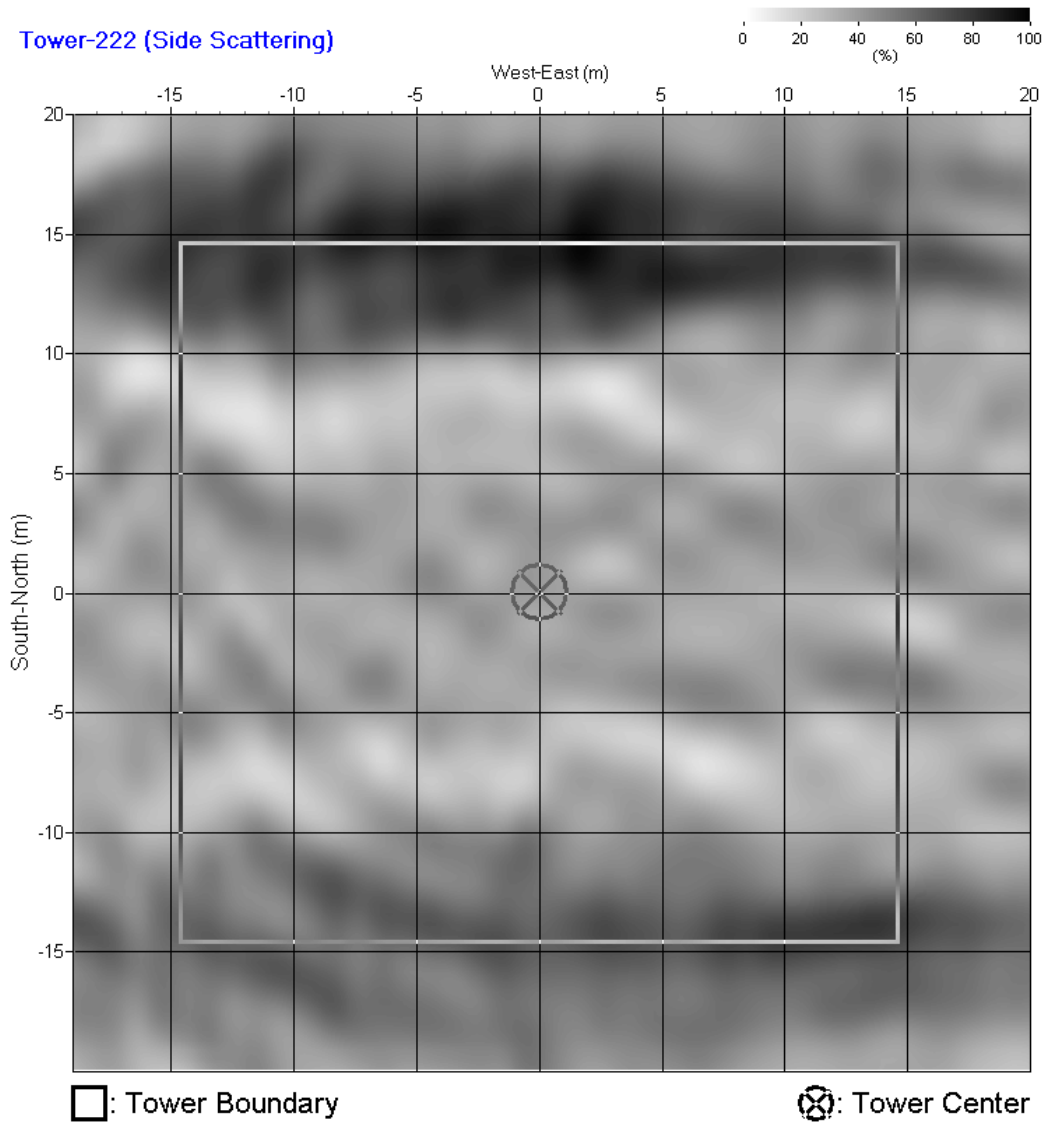
\*\*SSA applied to lines 2 and 3. Line 4 was not acquired due to terrain condition. \* Potential void (see separate text file for coordinates)

# T-221

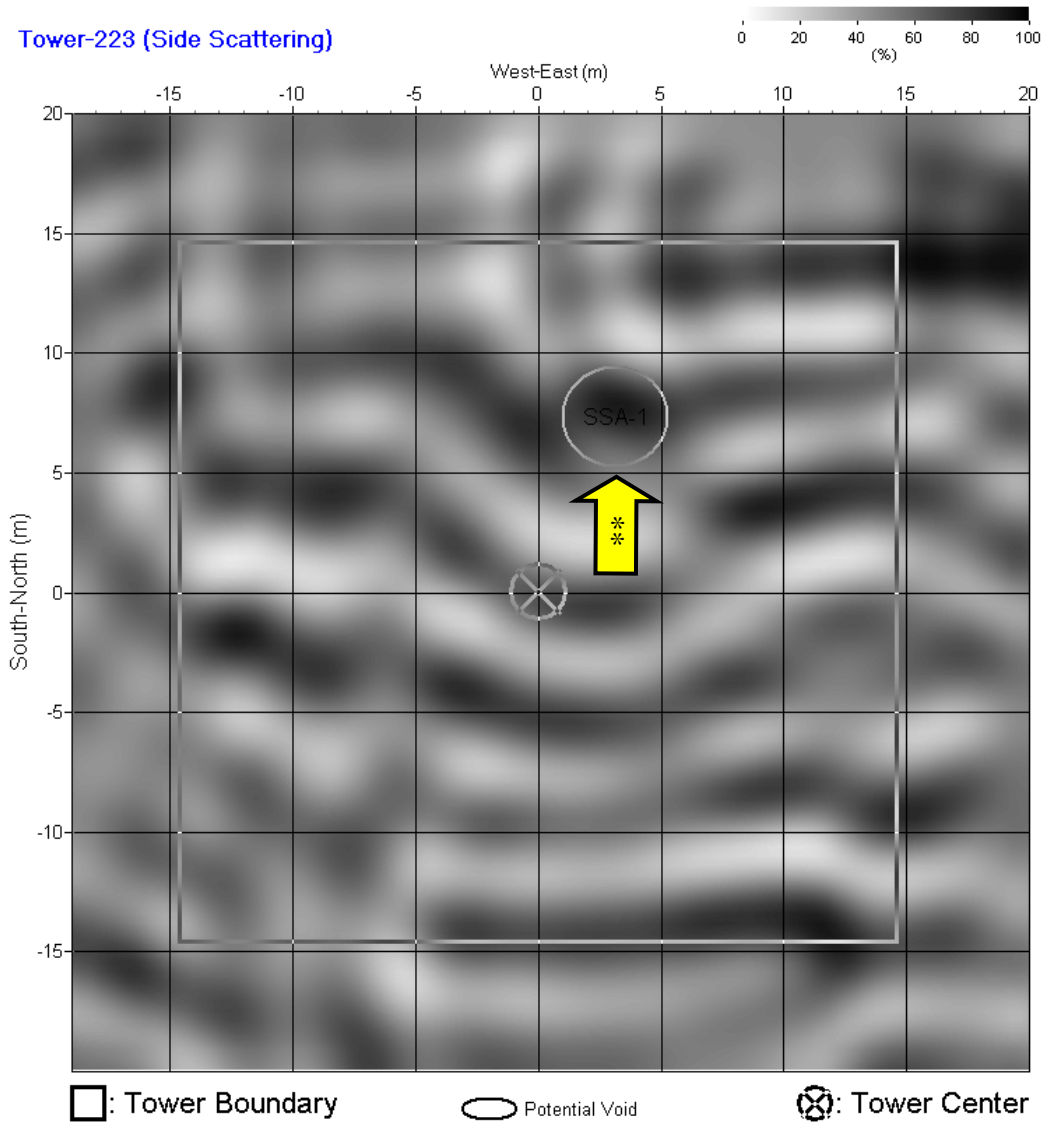




# T-222

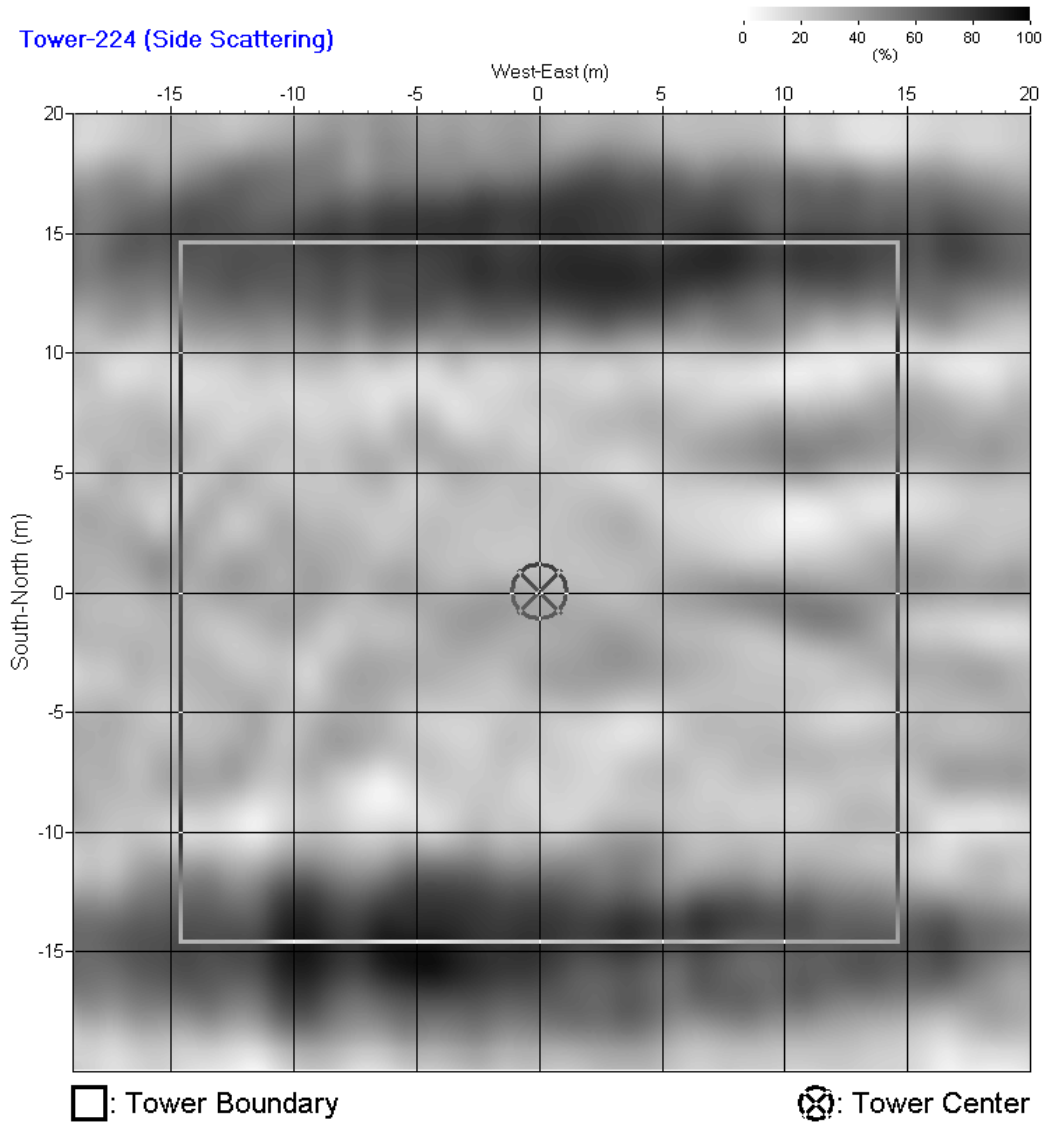


# T-223

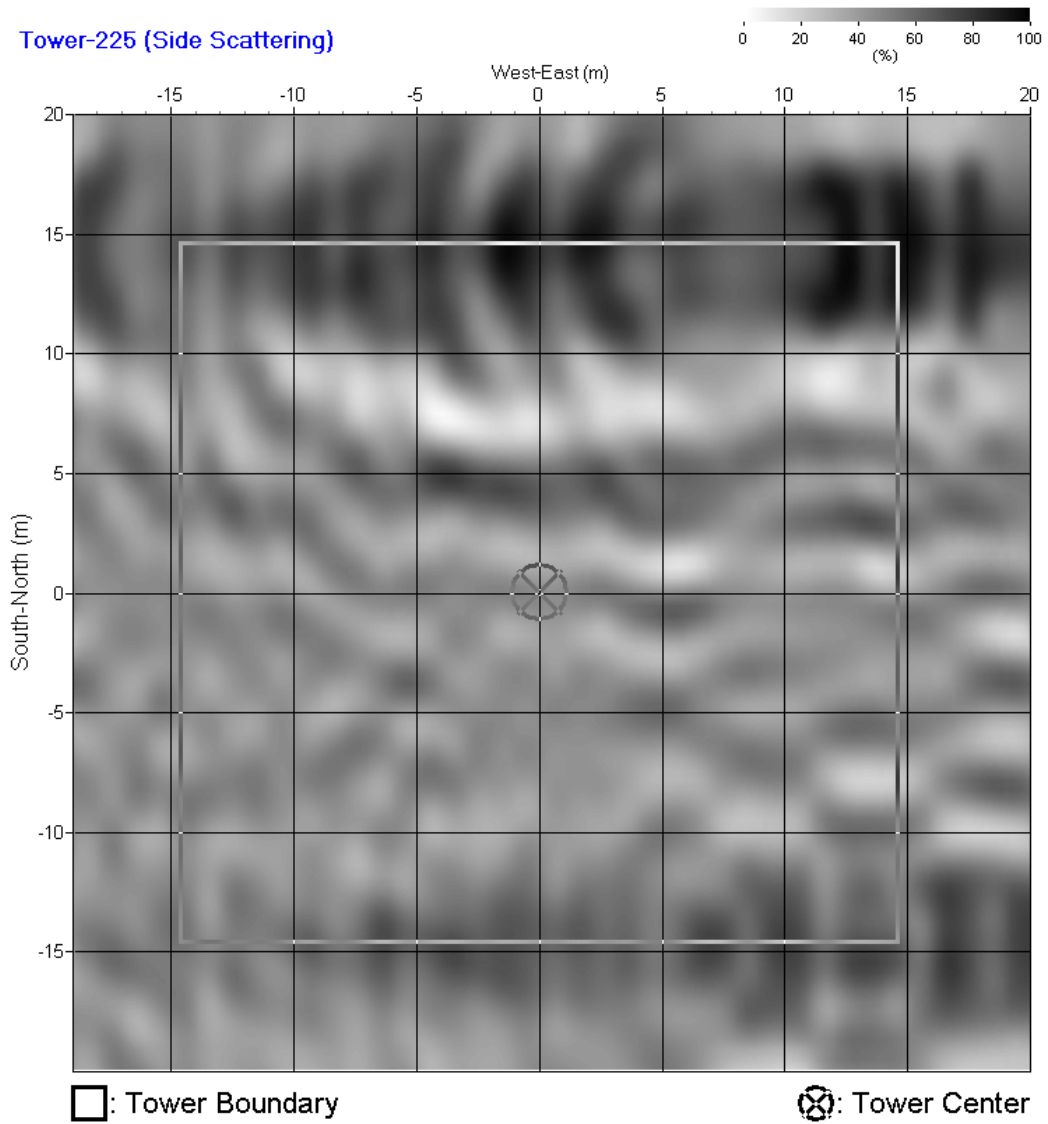


\*\*Potential void (see separate text file for coordinates)

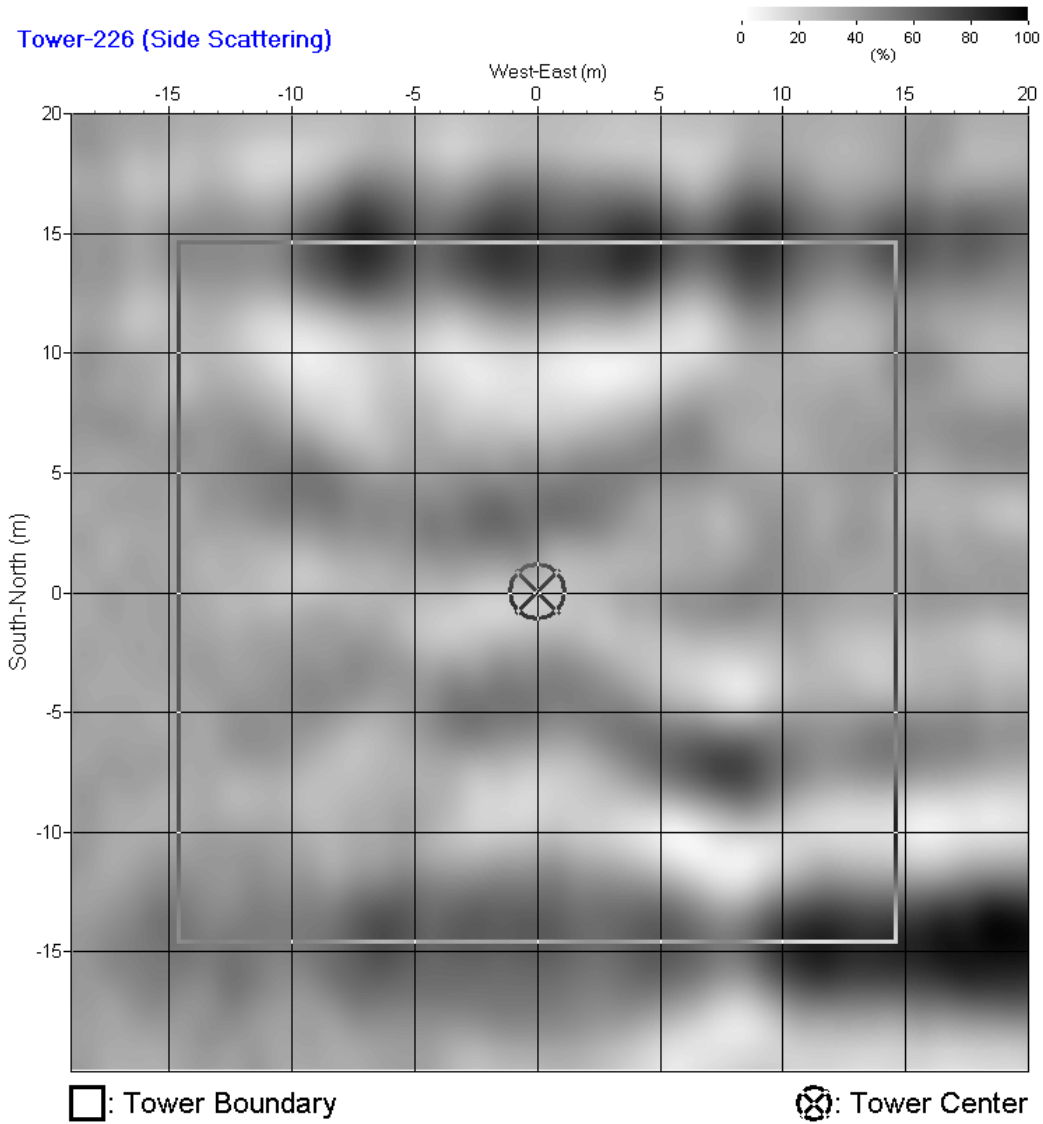
# T-224



# T-225

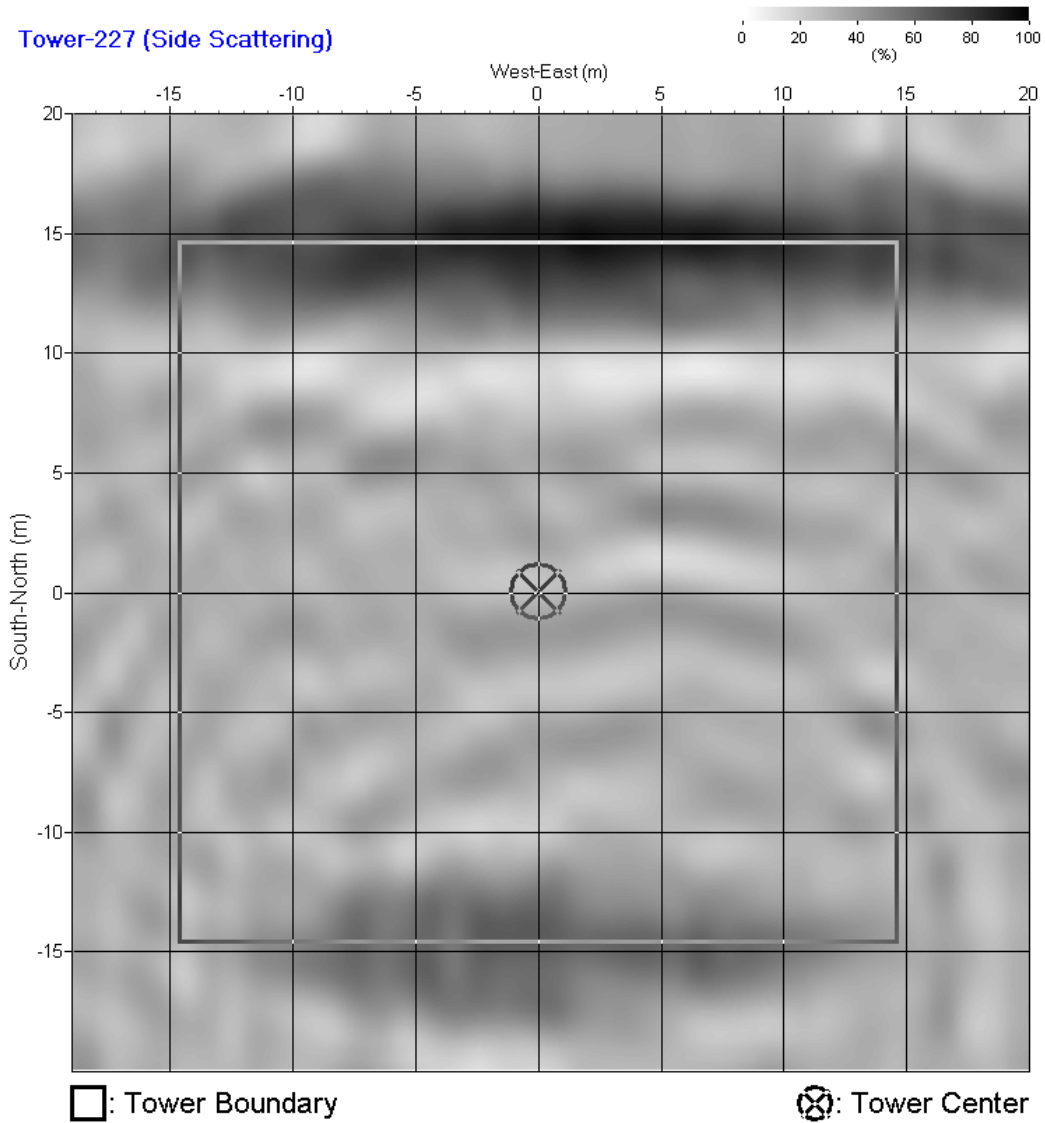


# T-226



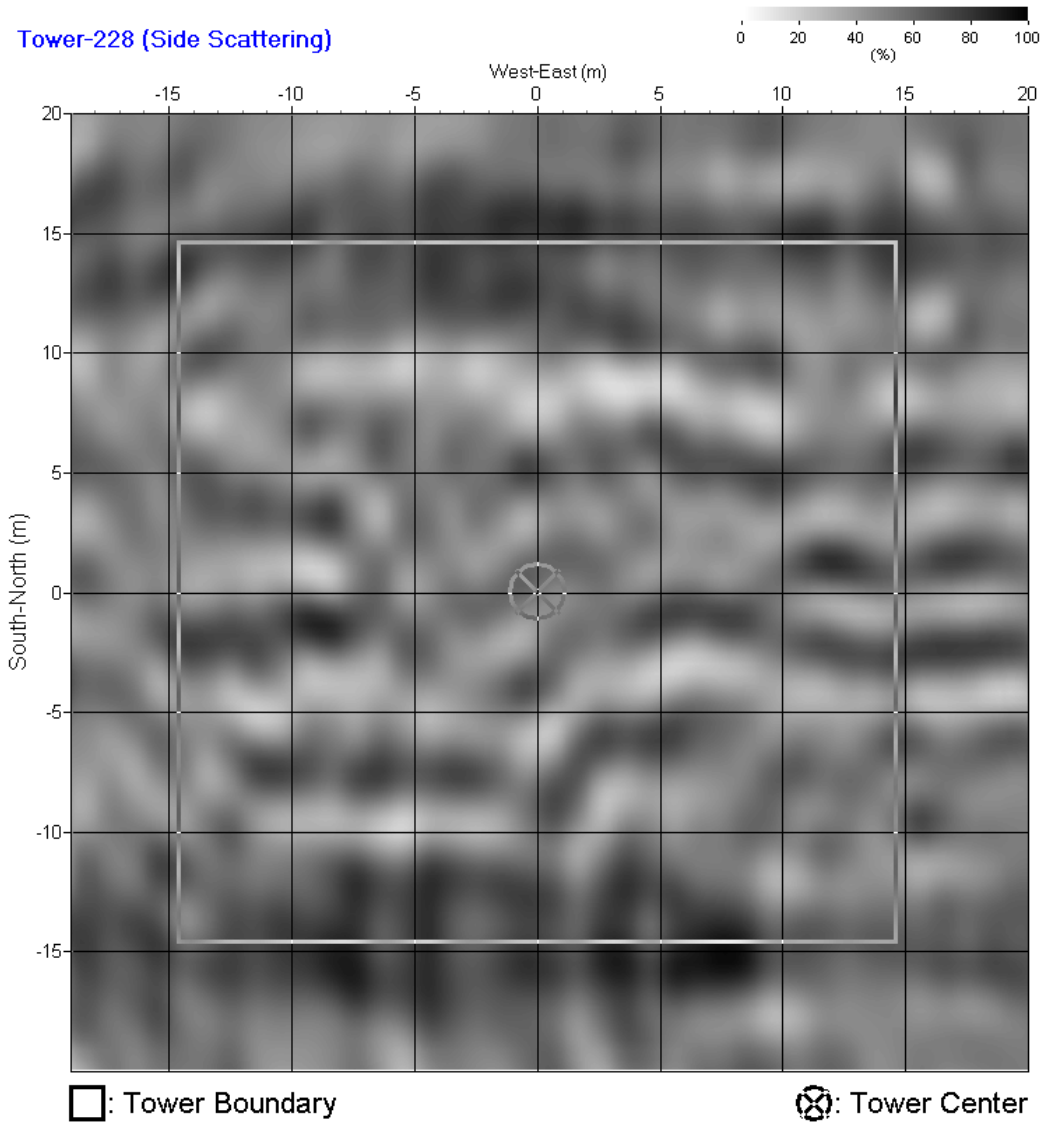


# T-227\*\*

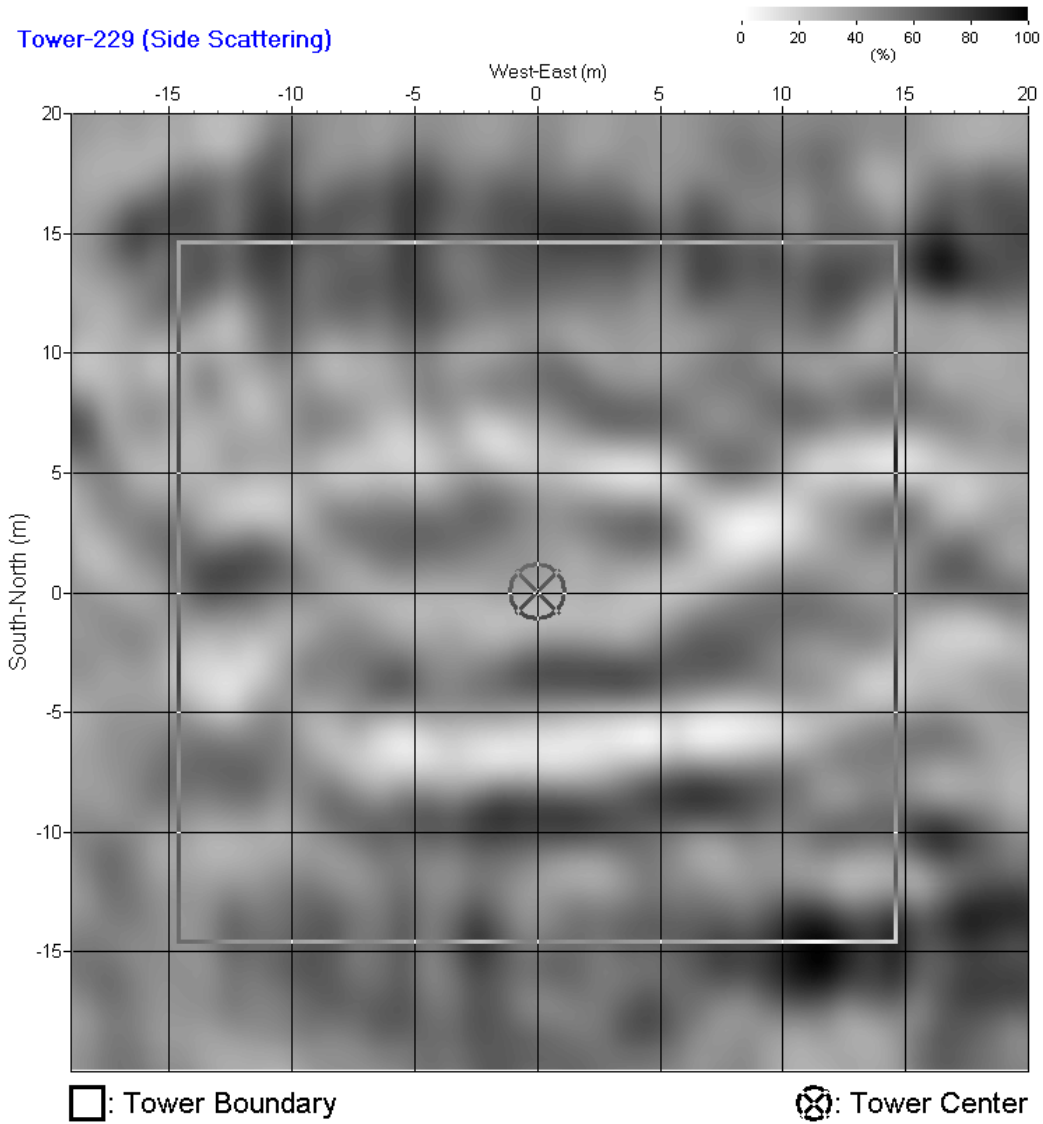


\*\*A shorter receiver spacing of 2 ft was used for line 4 due to terrain condition (steep drop off).

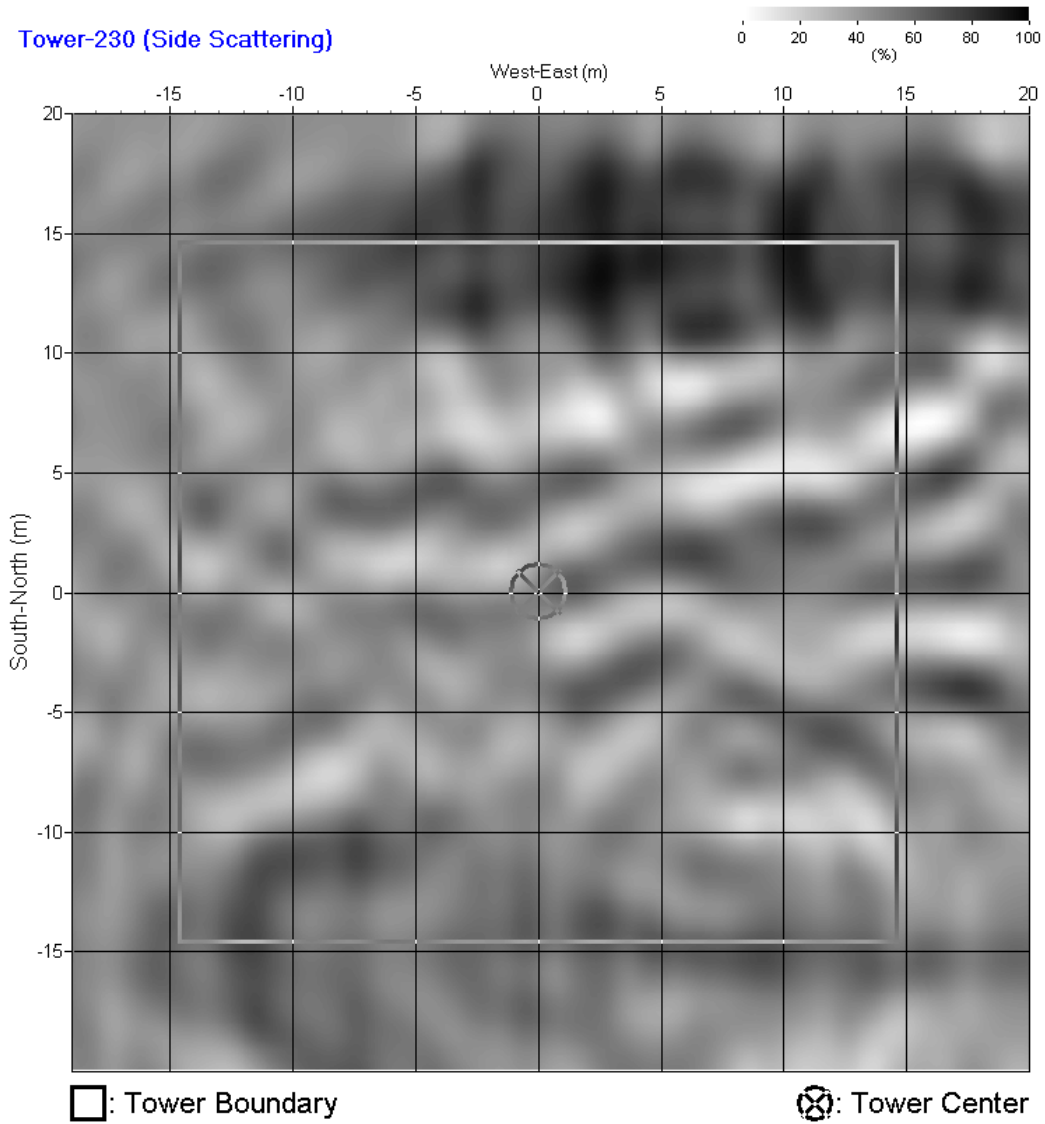
# T-228



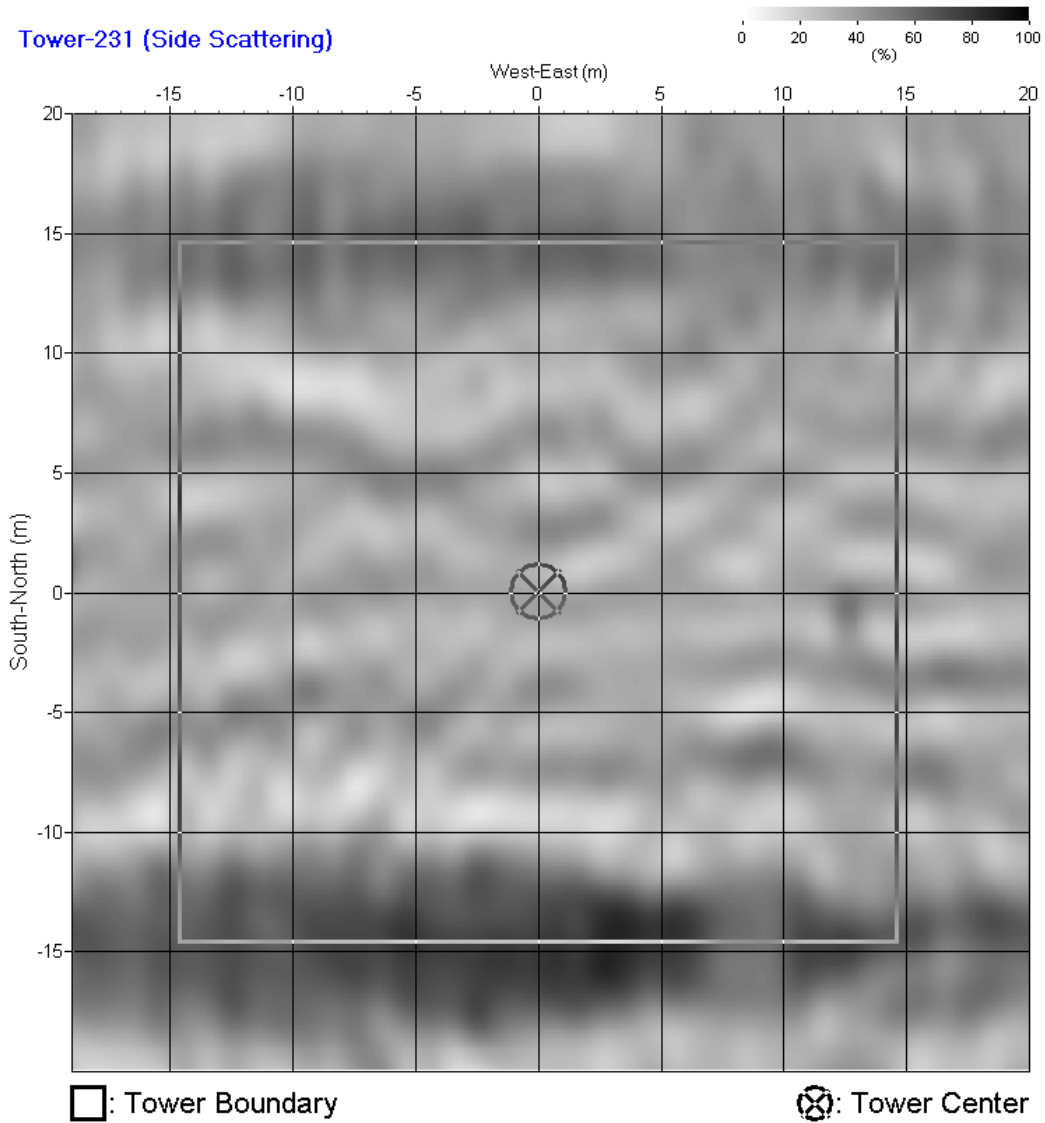
# T-229



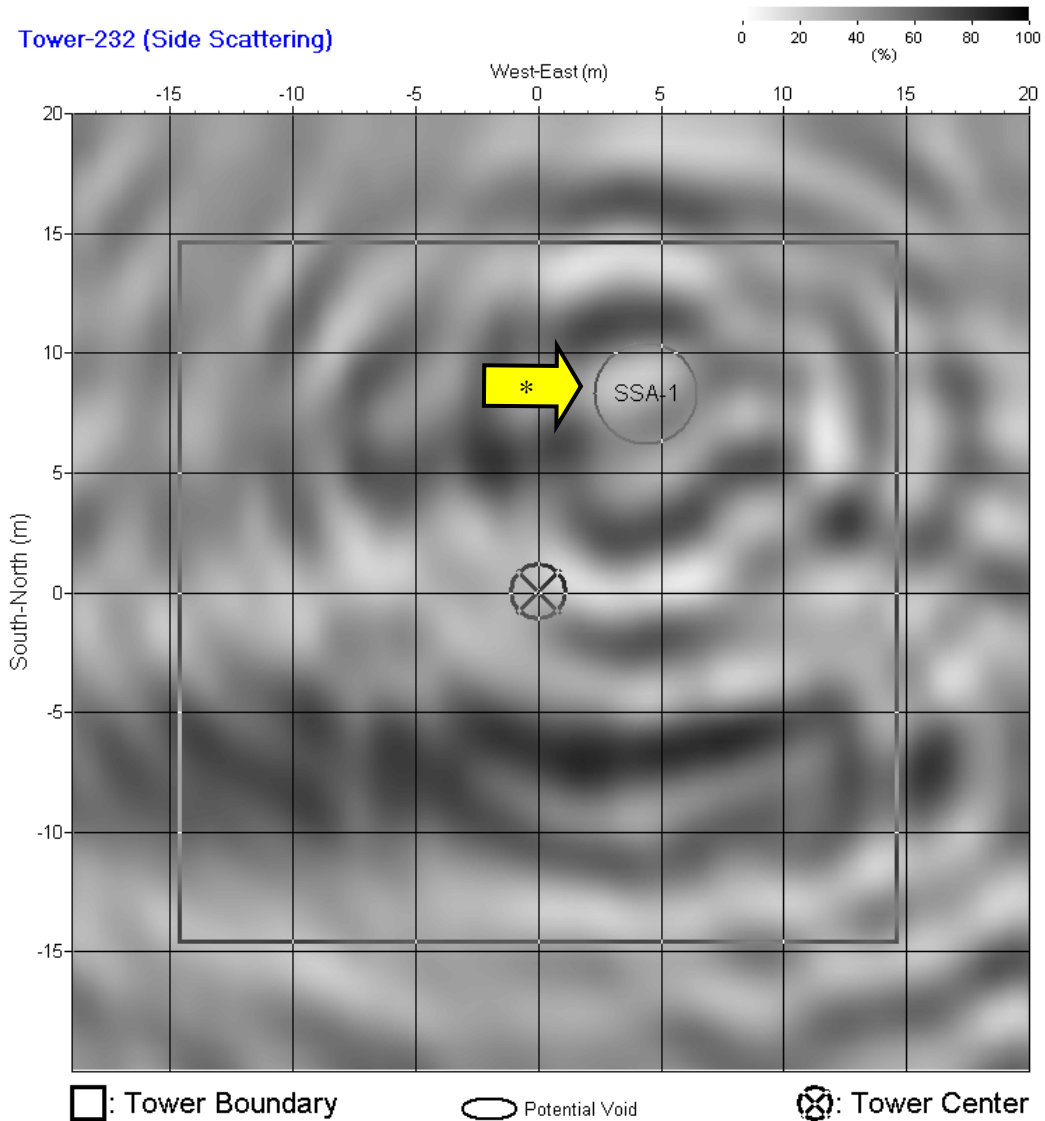
# T-230



# T-231

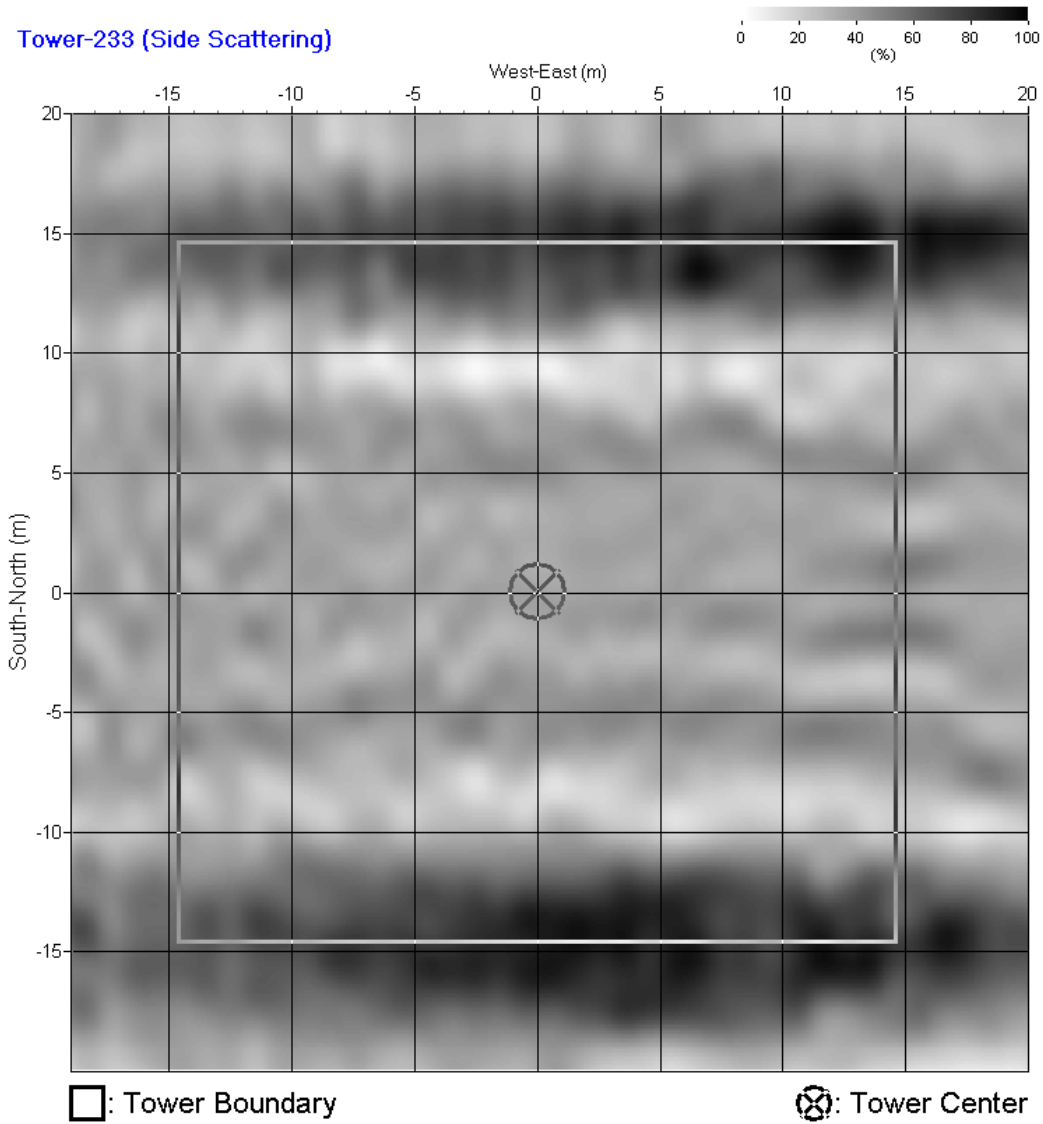


# T-232\*\*

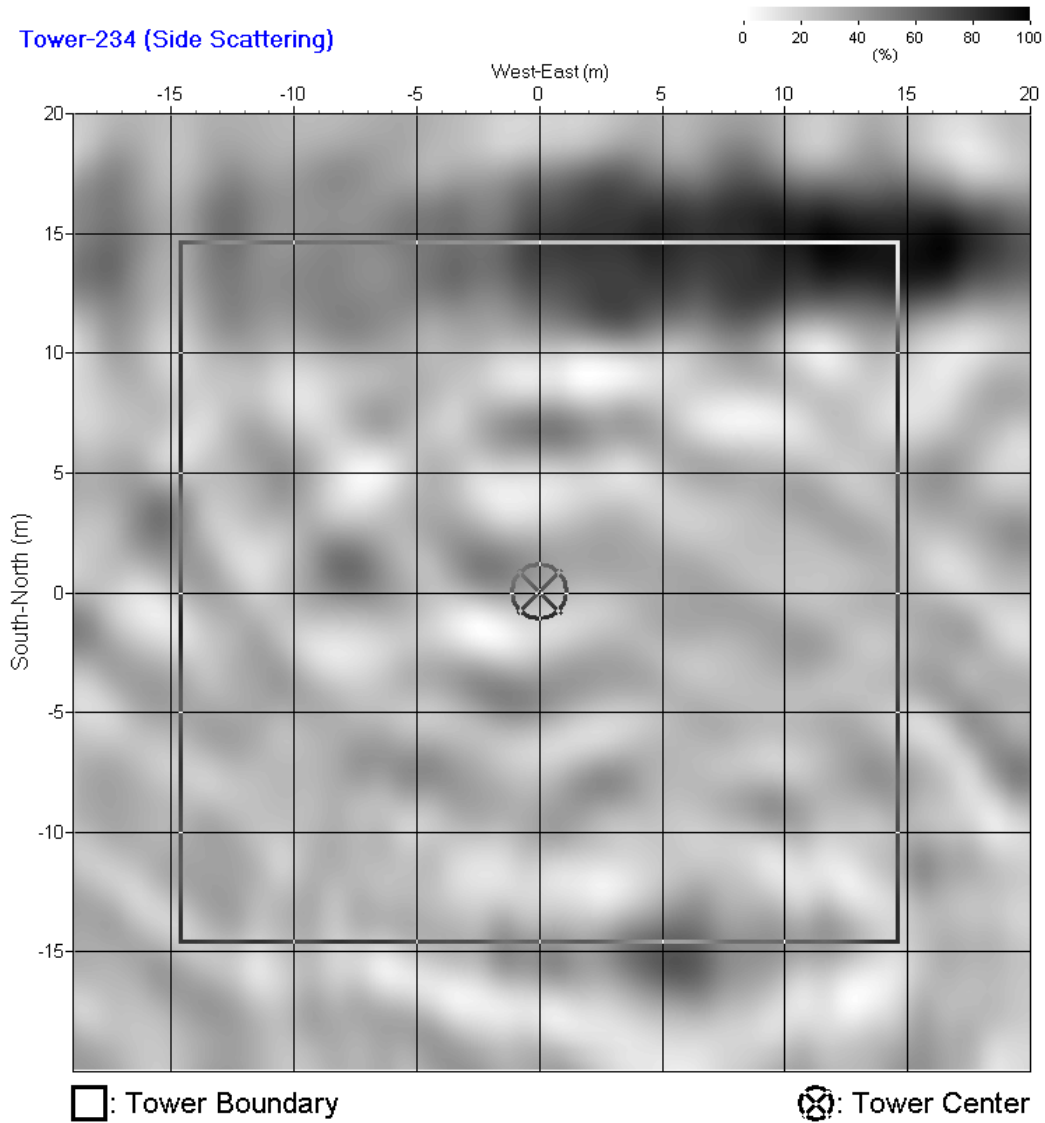


\*\*A shorter receiver spacing of 2 ft was used for lines 1-3 due to terrain condition. \* Potential void (see separate text file for coordinates)

# T-233



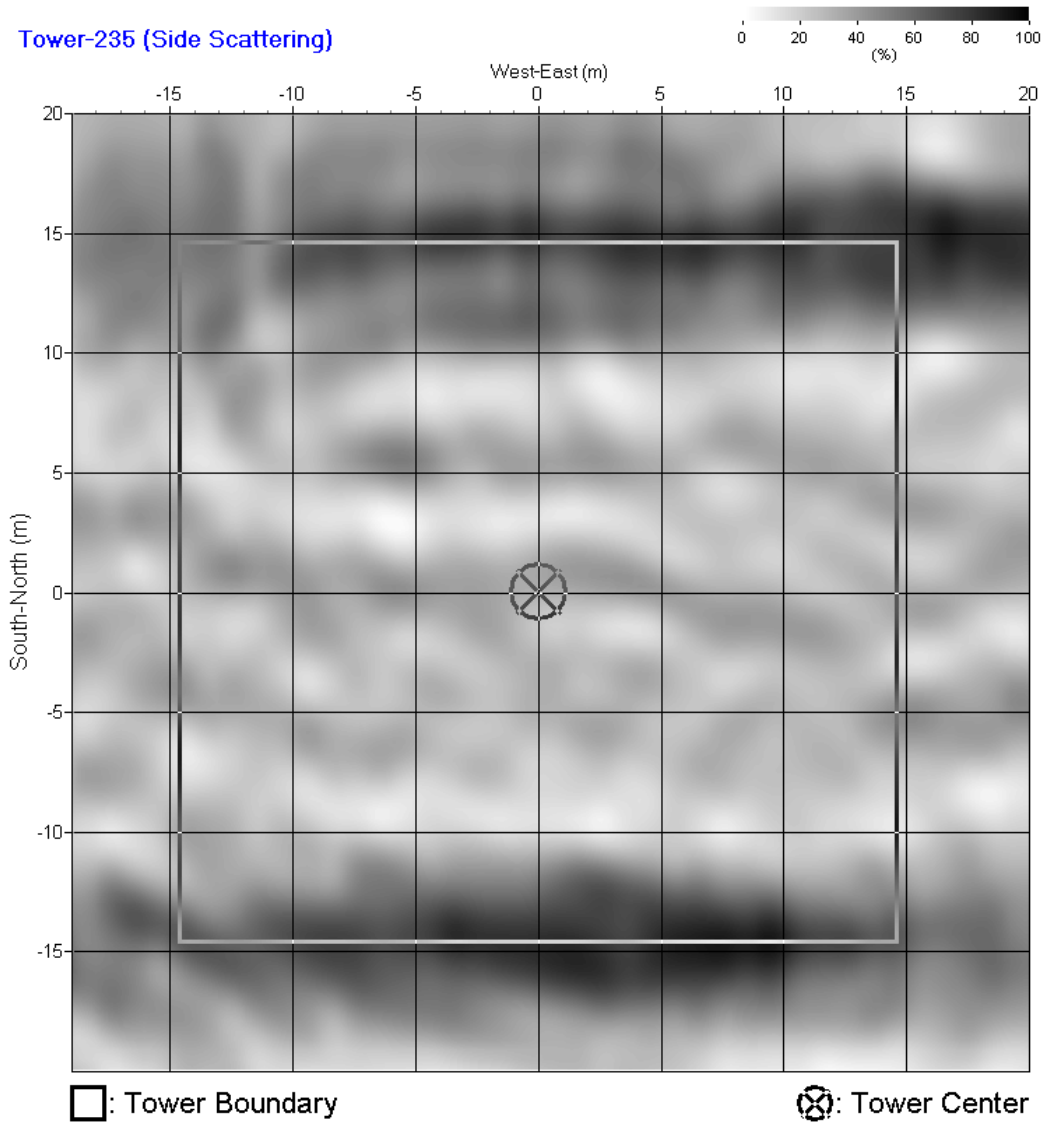
# T-234\*\*



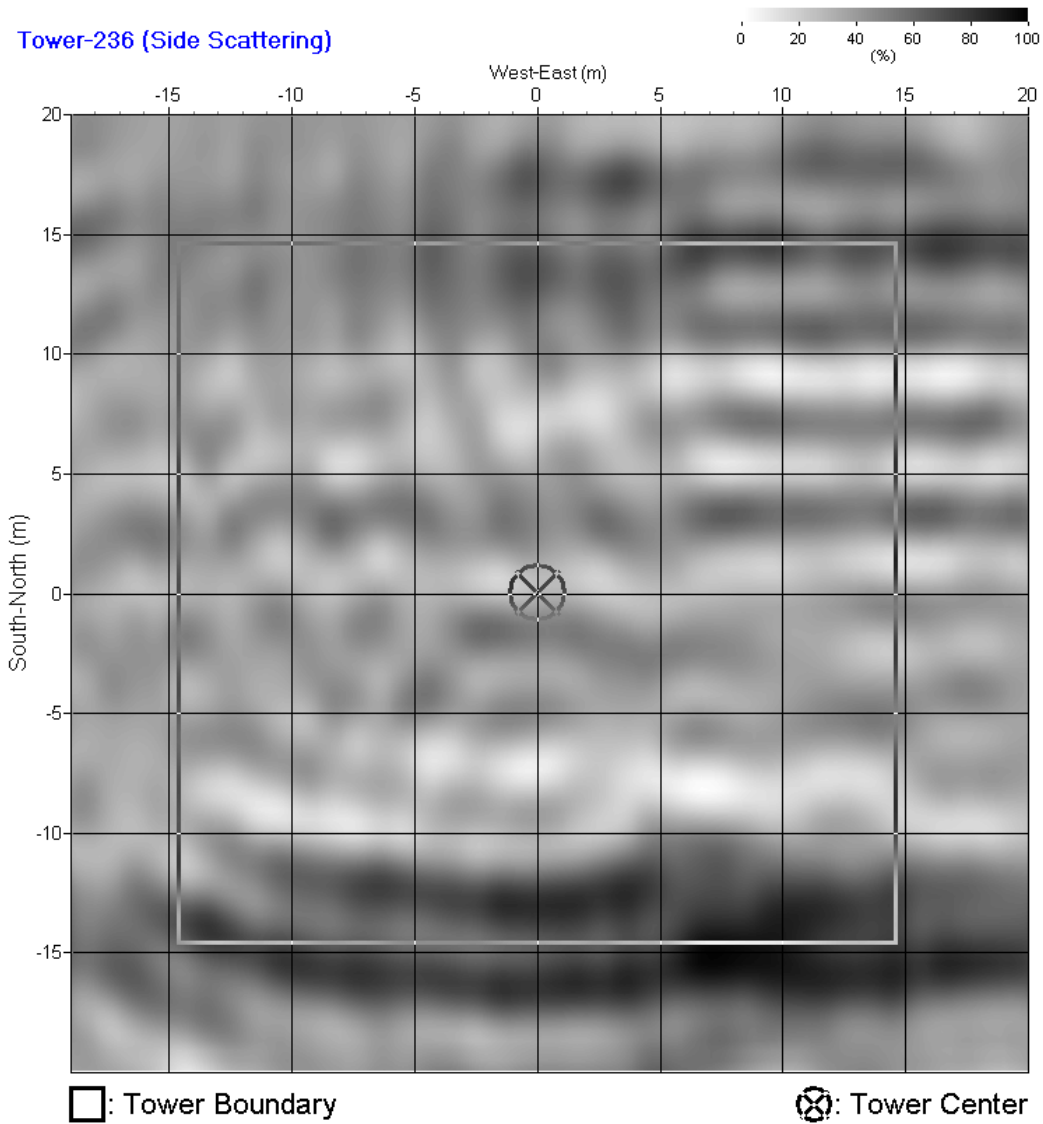
\*\*A shorter receiver spacing of 2 ft was used for line 4 due to terrain condition (steep drop off).



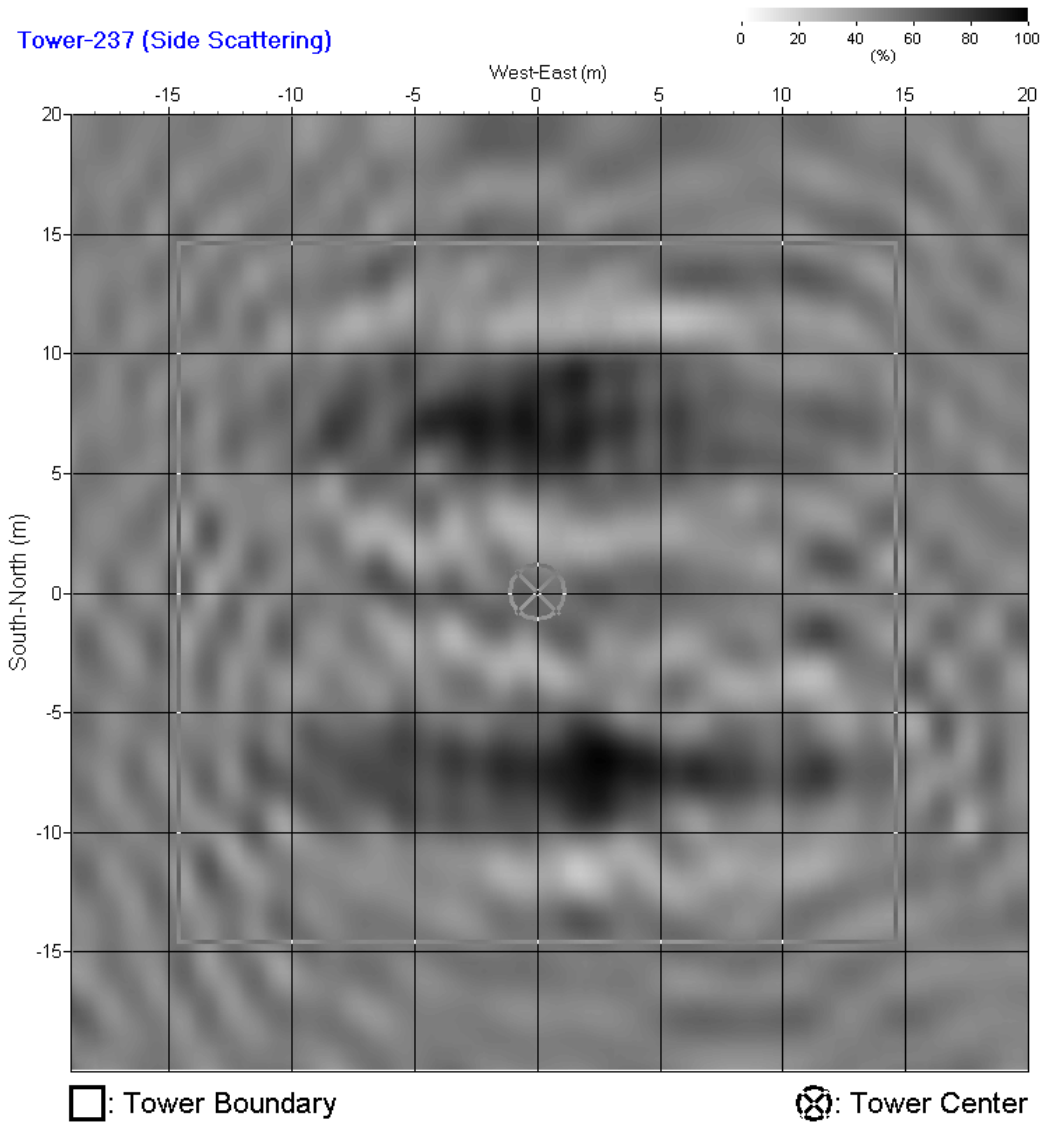
# T-235



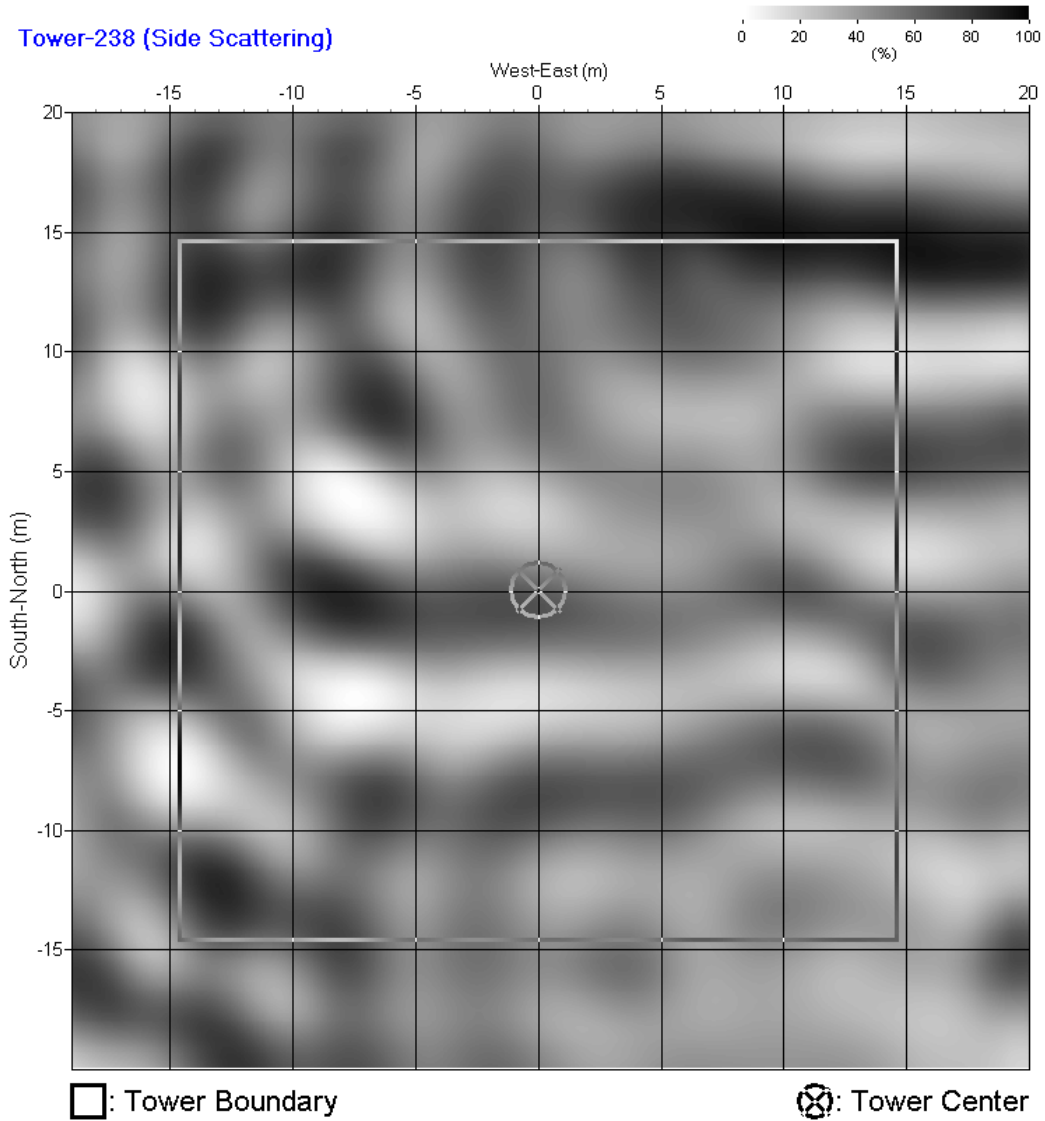
# T-236



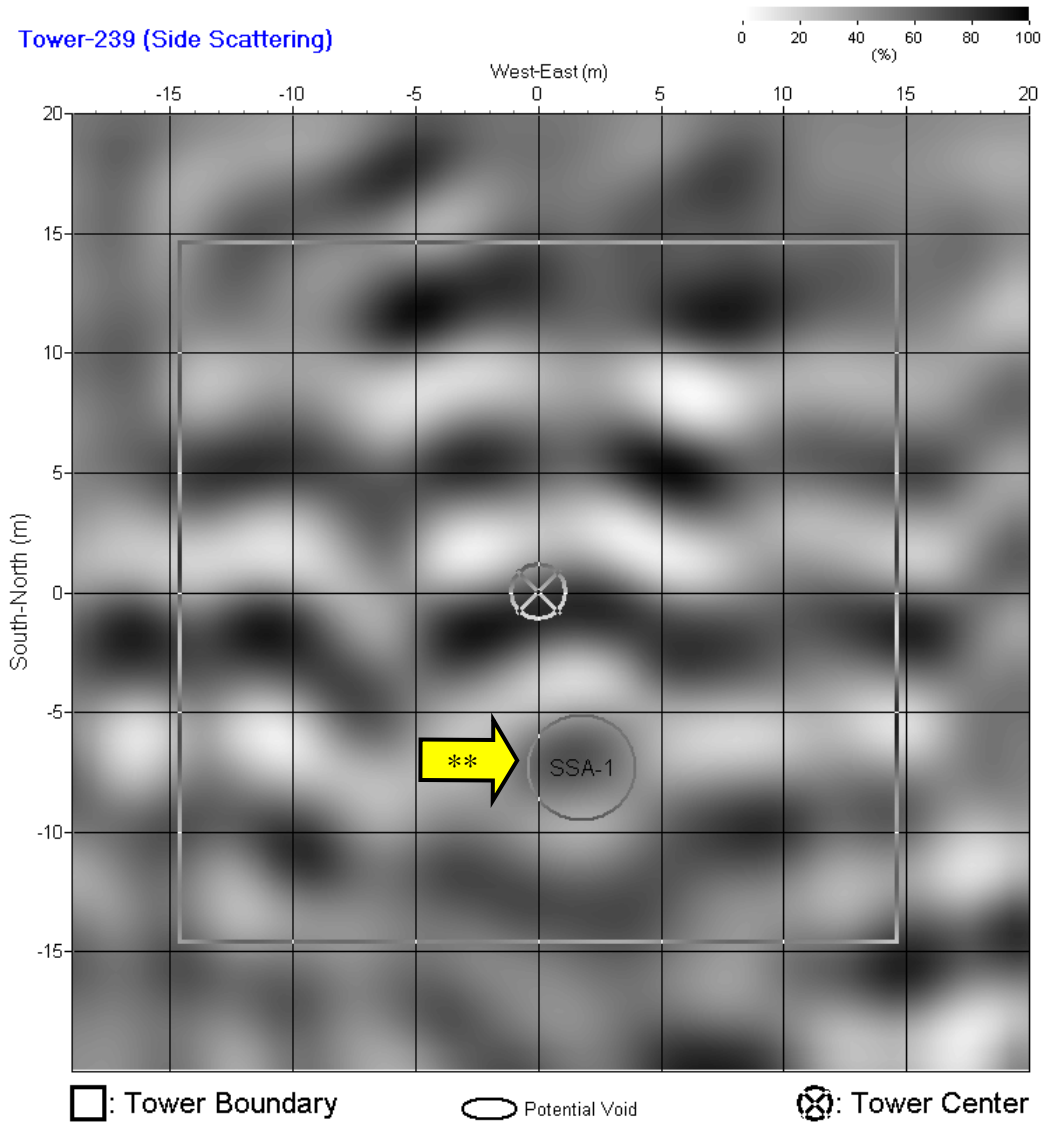
# T-237



# T-238

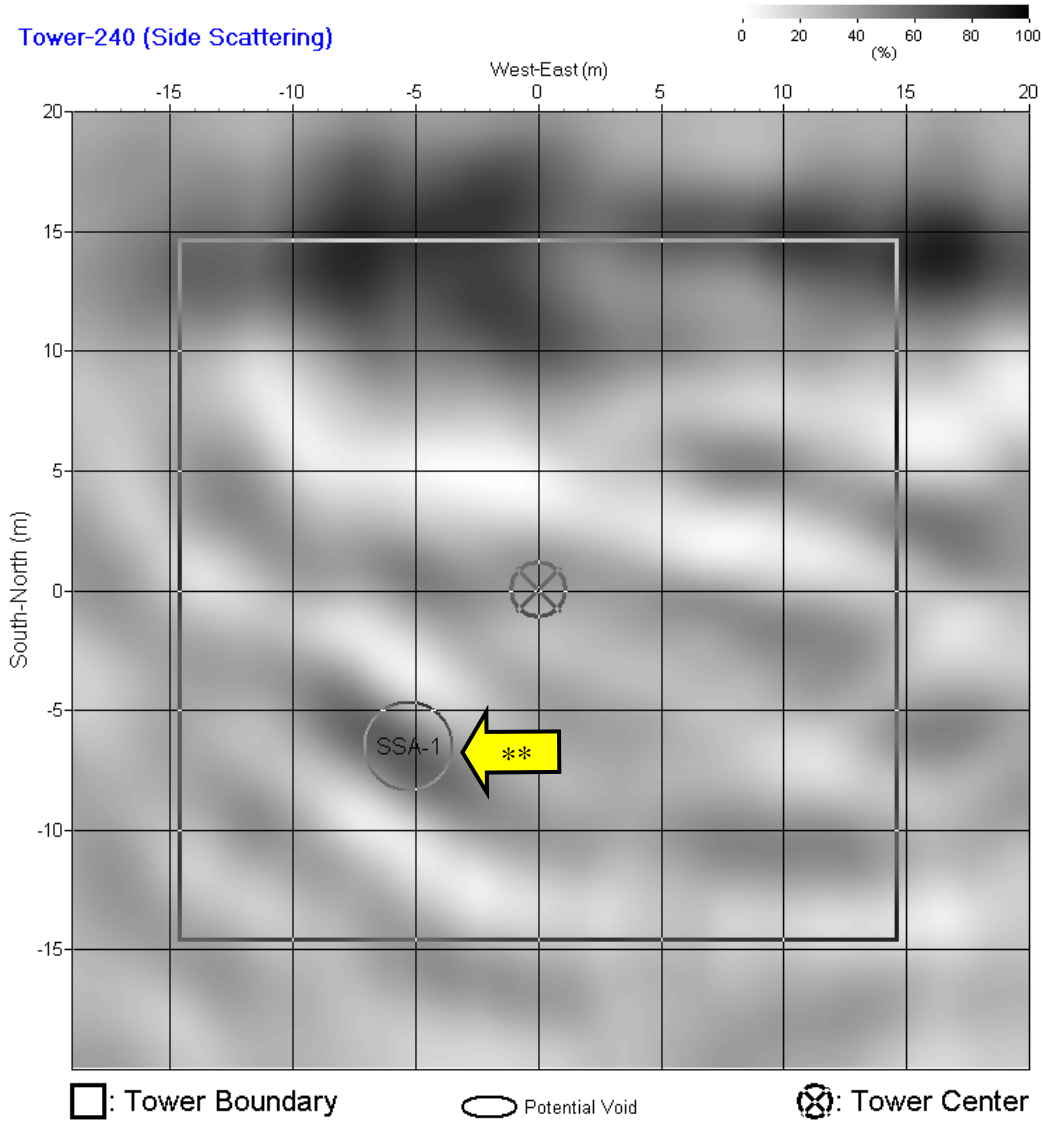


# T-239



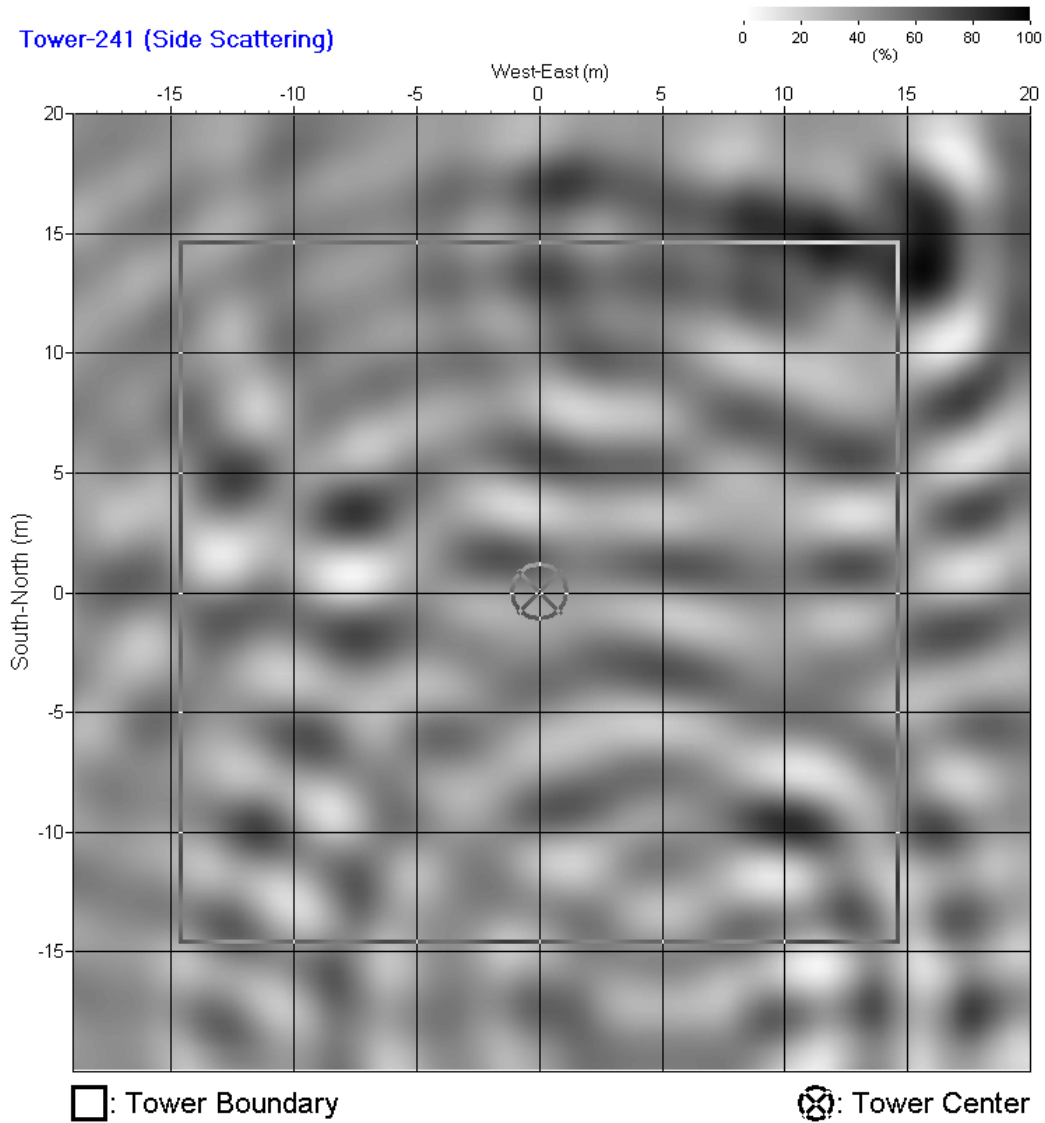
\*\*Potential void (see separate text file for coordinates)

# T-240



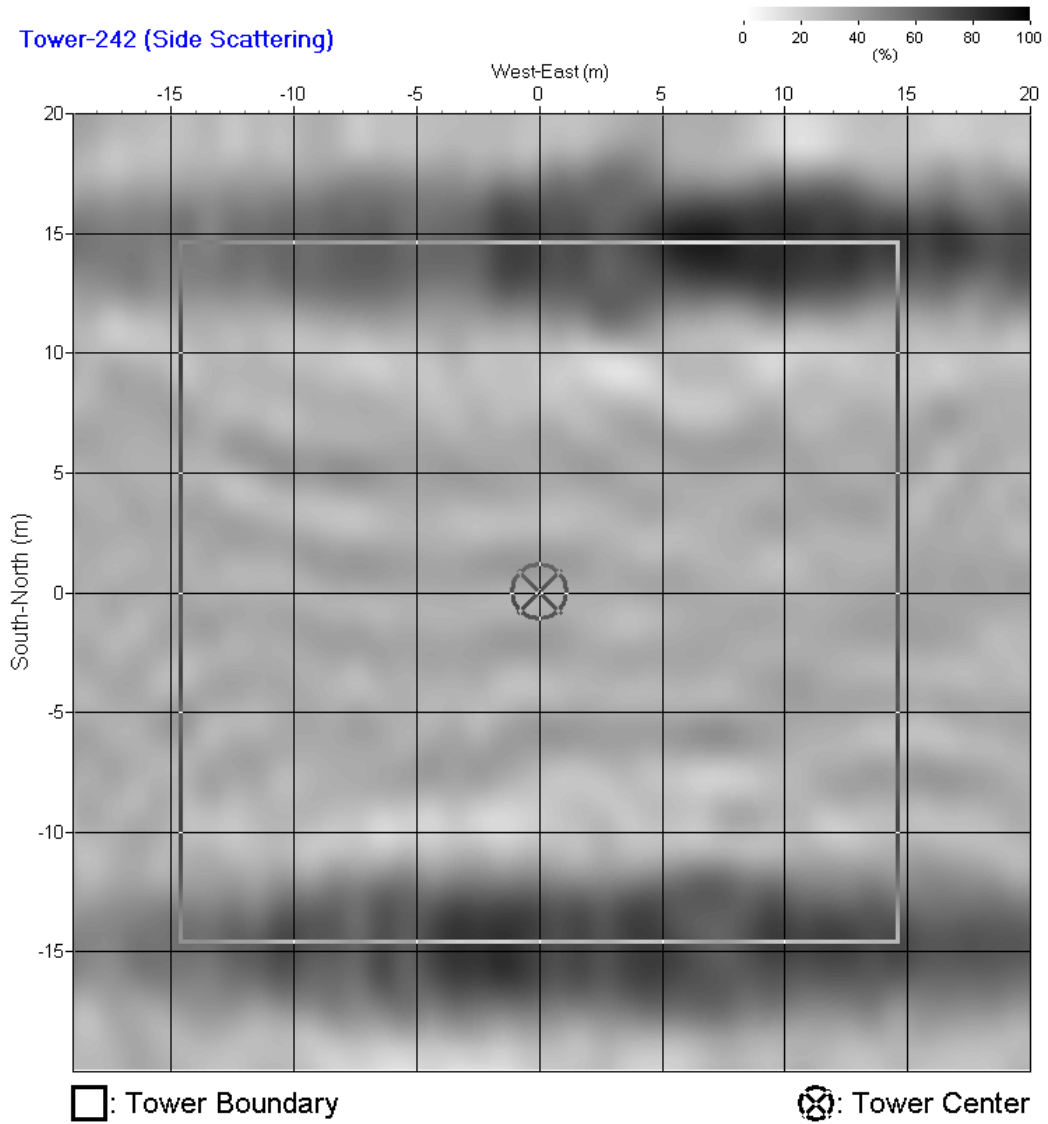
\*\*Potential void (see separate text file for coordinates)

# T-241\*\*



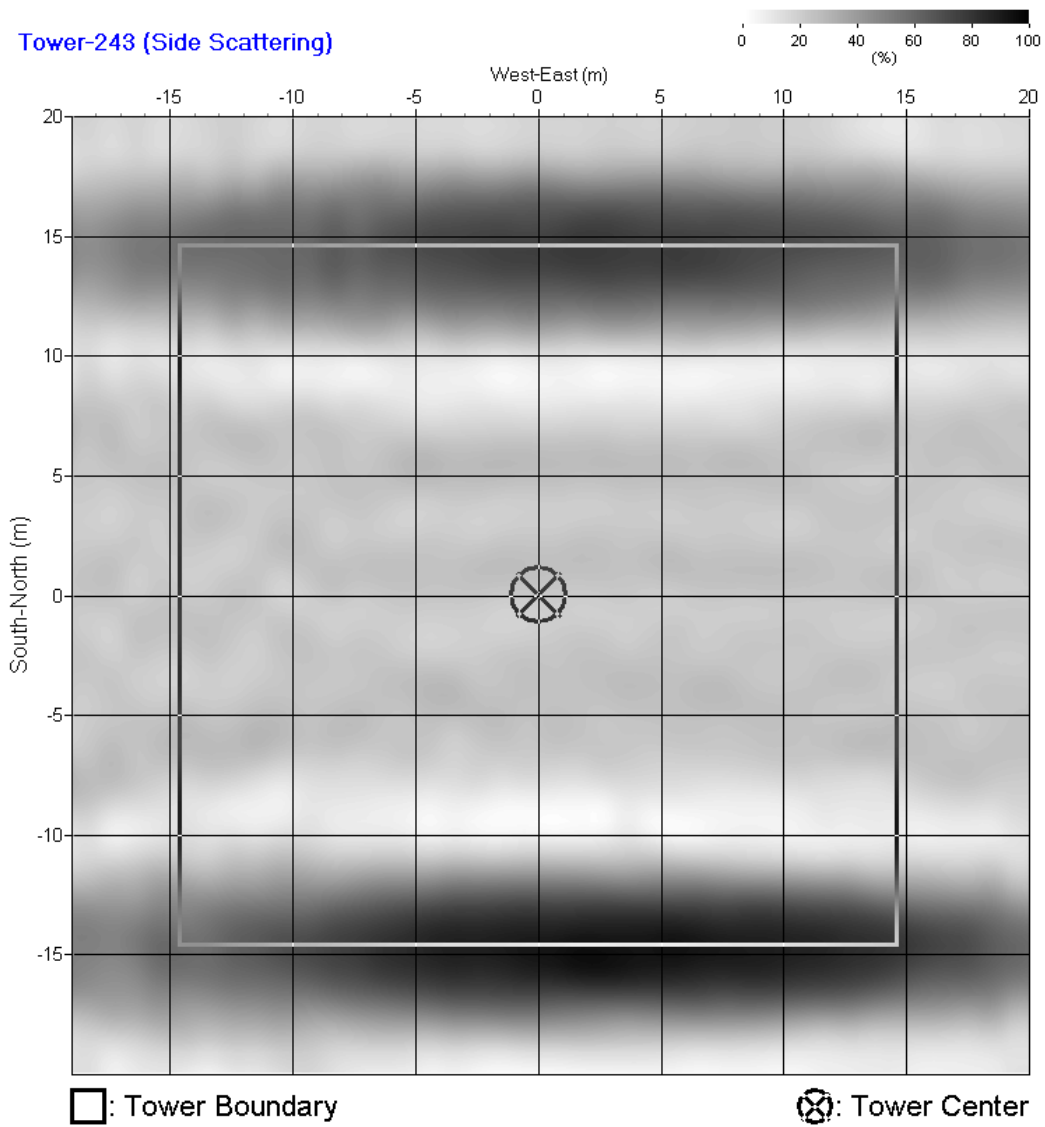
\*\*A shorter receiver spacing of 2 ft was used for line 4 due to terrain condition (steep drop off).

# T-242



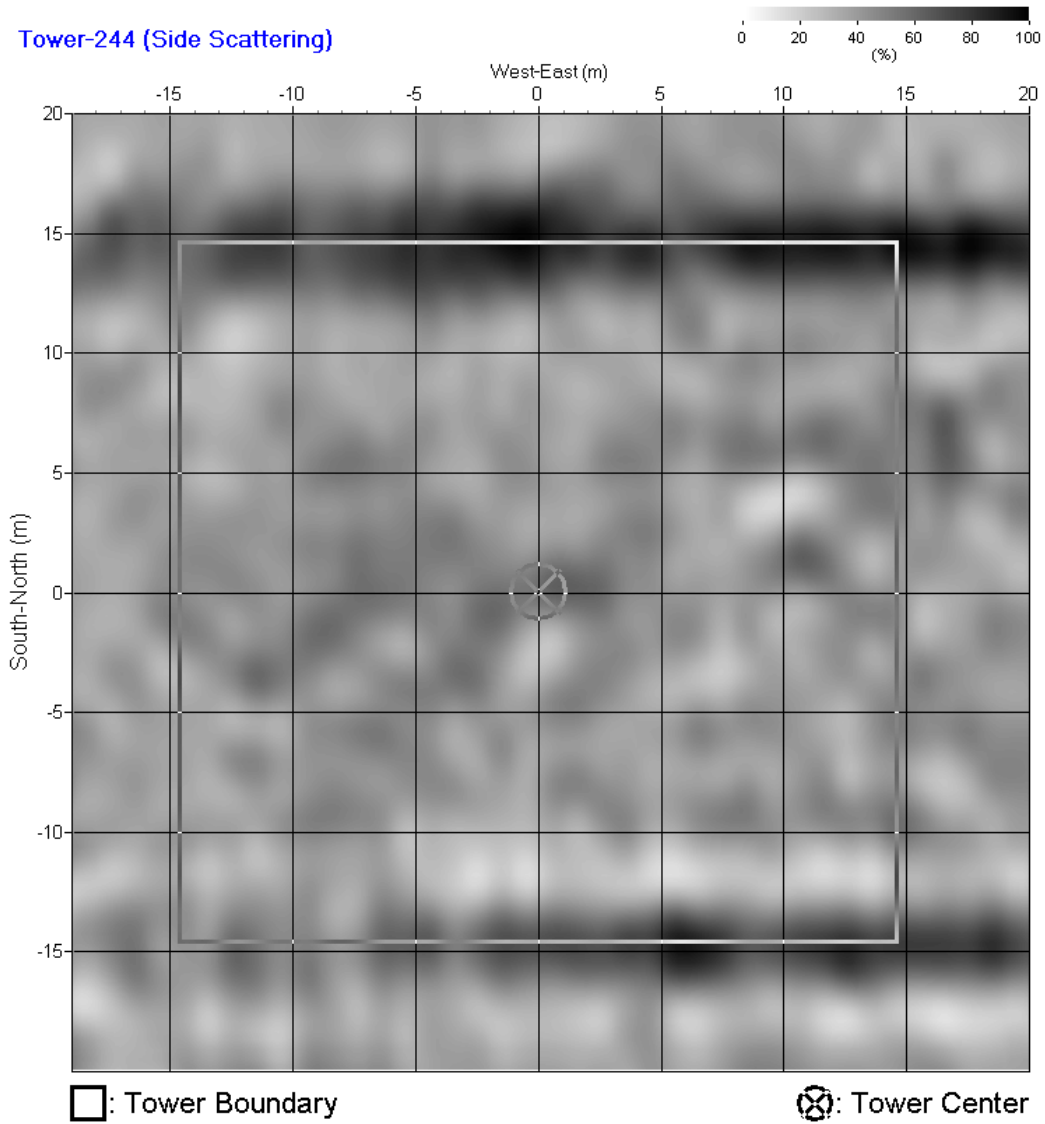


# T-243\*

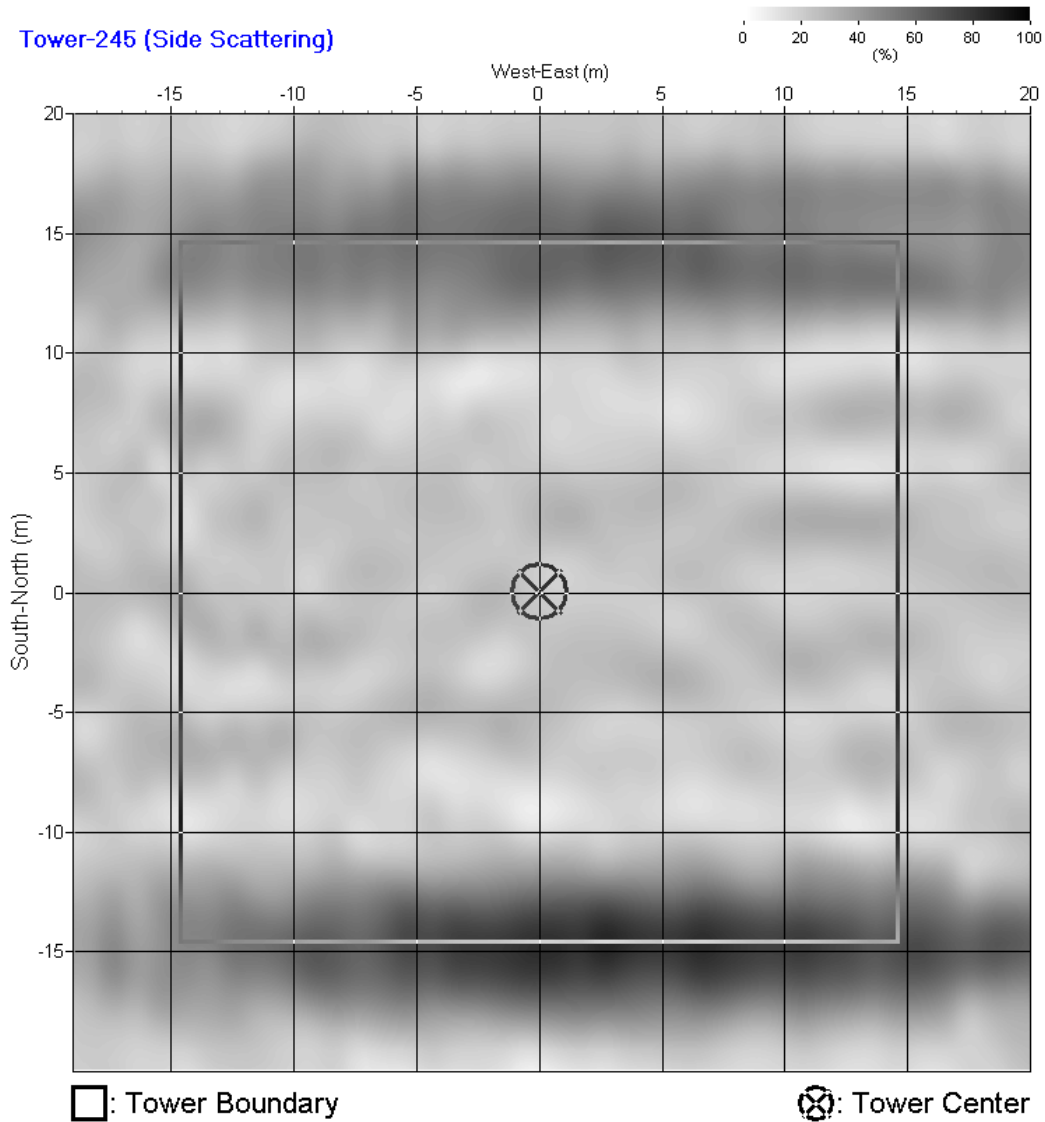


\*Manual timebreak used due to broken hammer sensor. Analysis lacks reliability.

# T-244

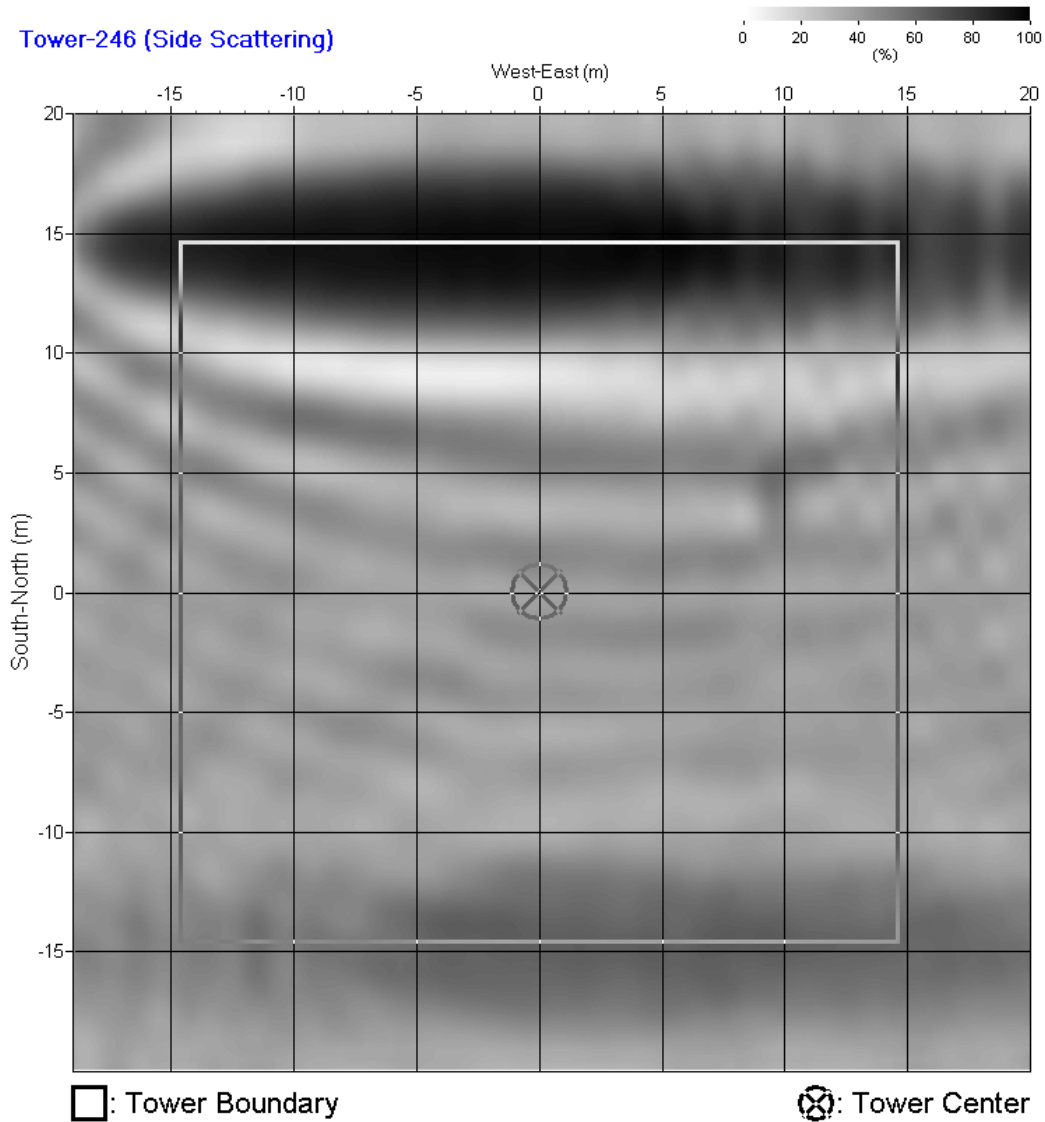


# T-245\*



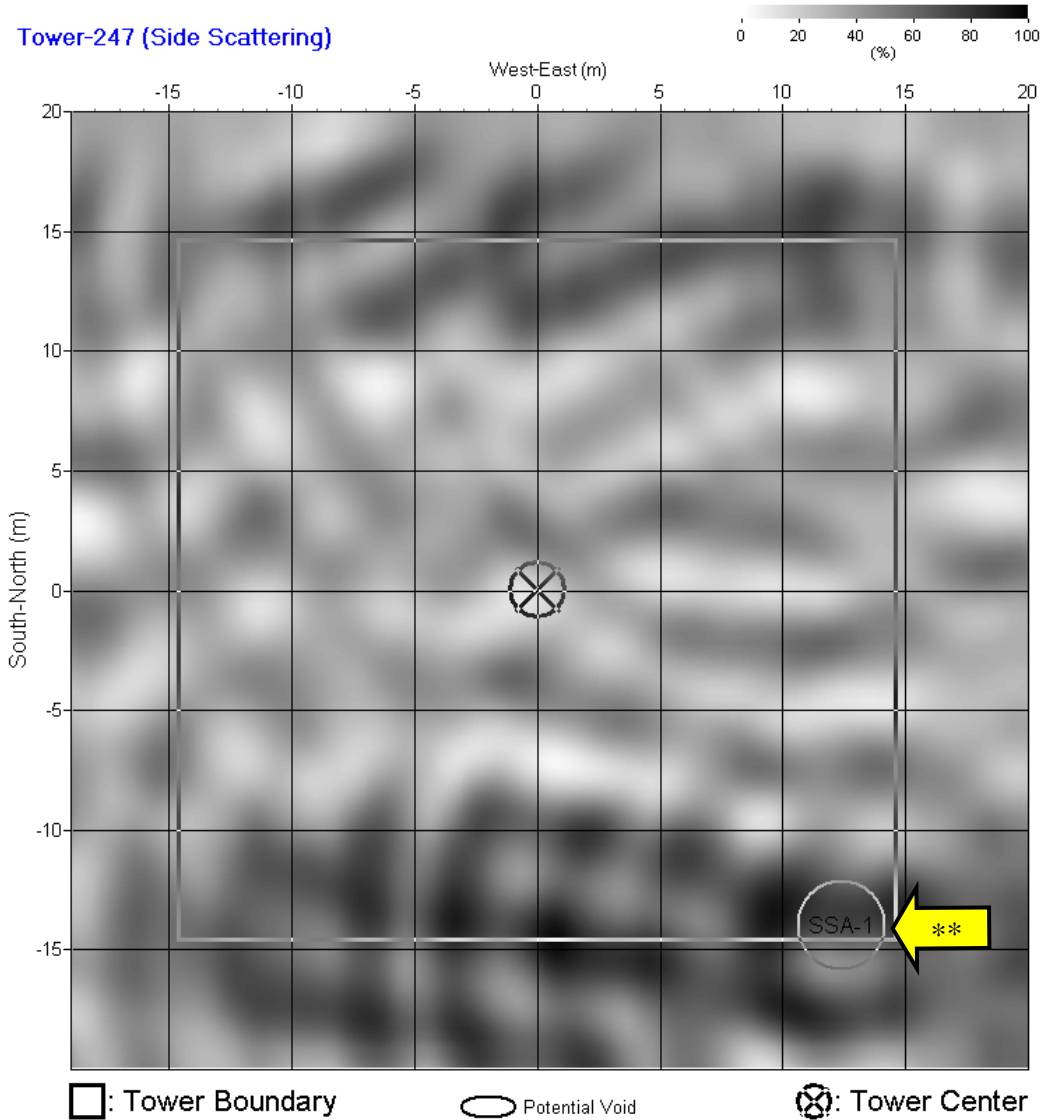
\*Manual timebreak used due to broken hammer sensor. Analysis lacks reliability.

# T-246\*



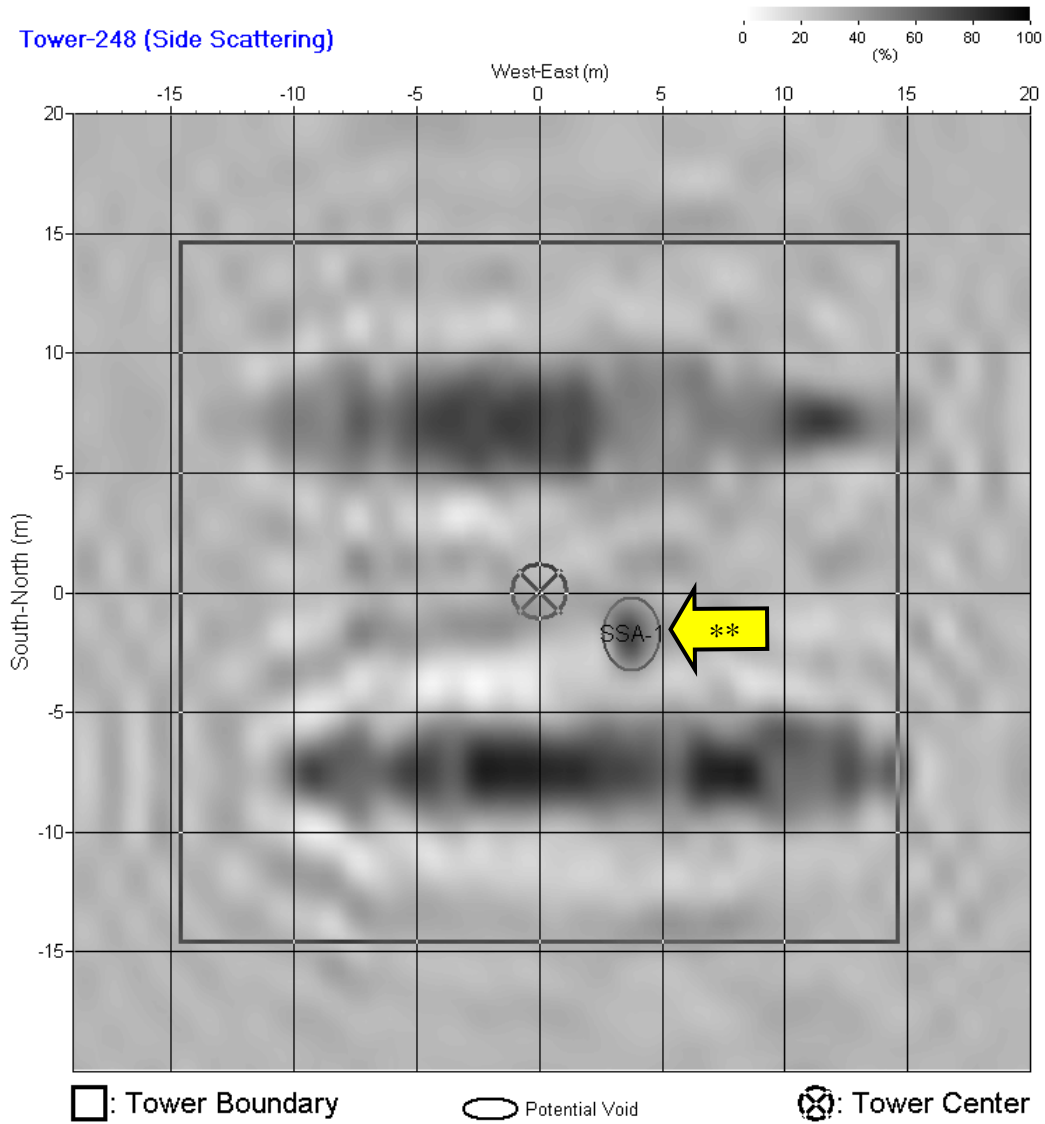
\*Manual timebreak used due to broken hammer sensor. Analysis lacks reliability.

# T-247



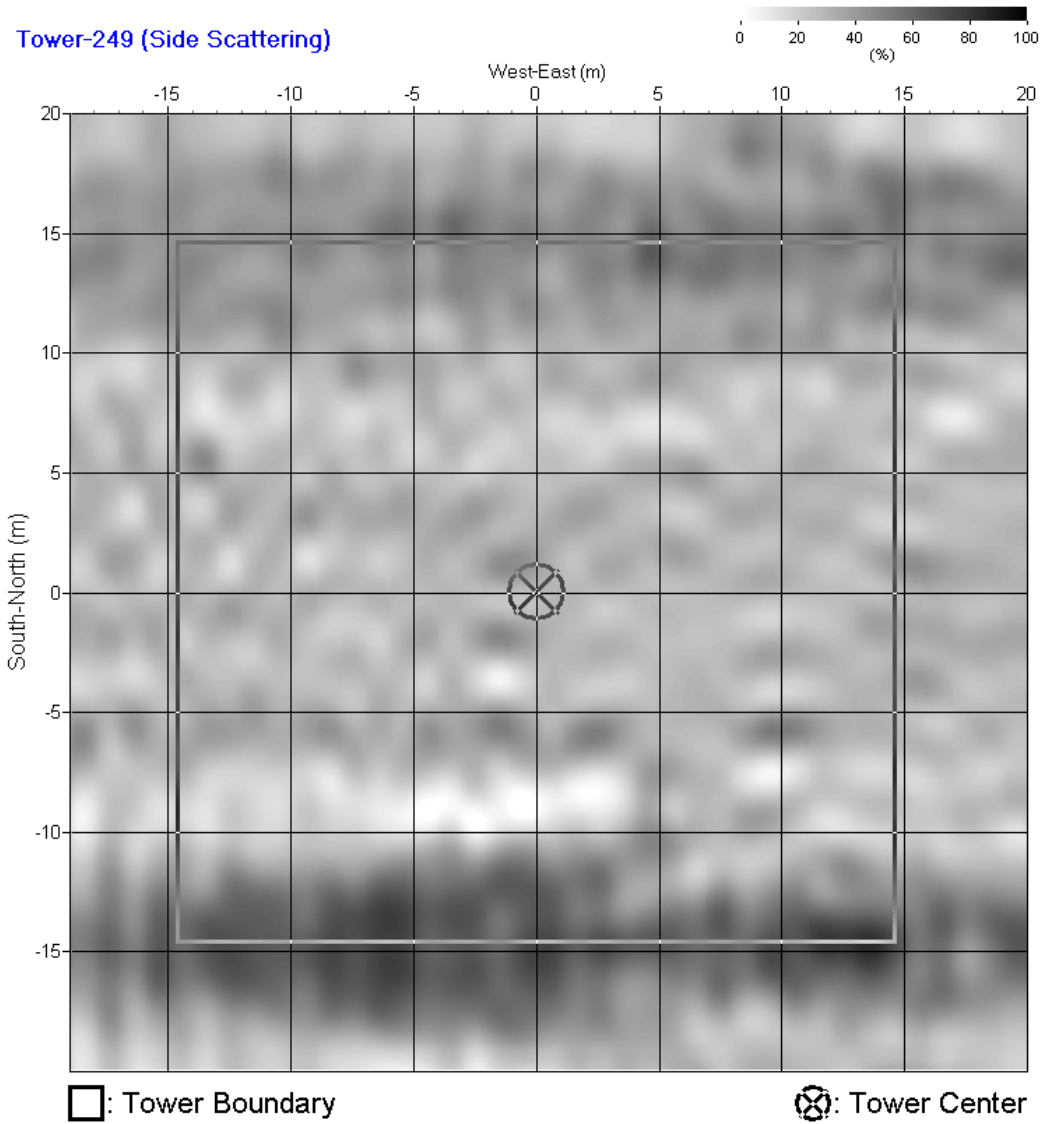
\*\*Potential void (see separate text file for coordinates)

# T-248\*

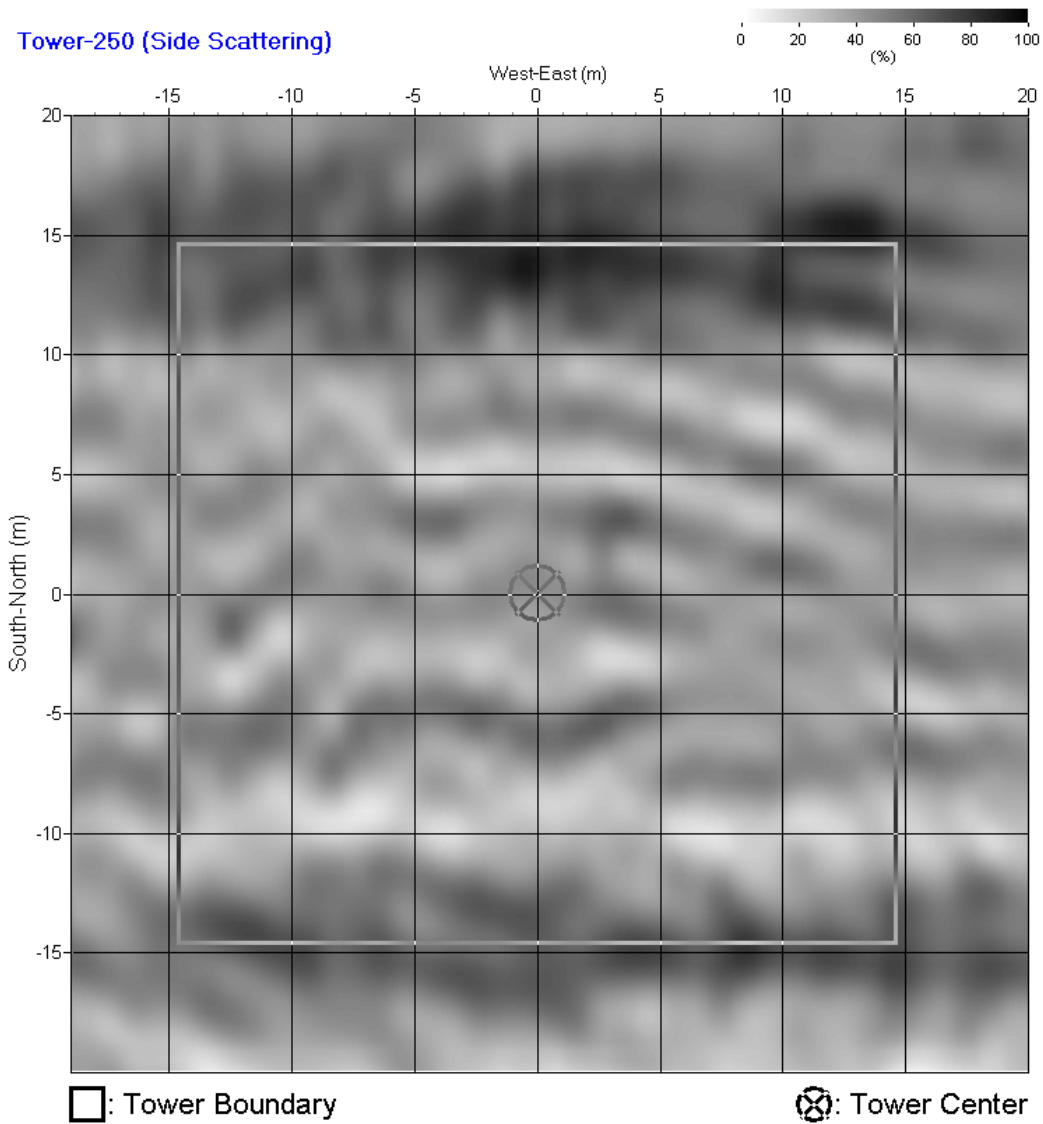


\*Shorter receiver spacing of 2 ft used due to terrain condition, \*\*Potential void (see separate text file for coordinates)

# T-249

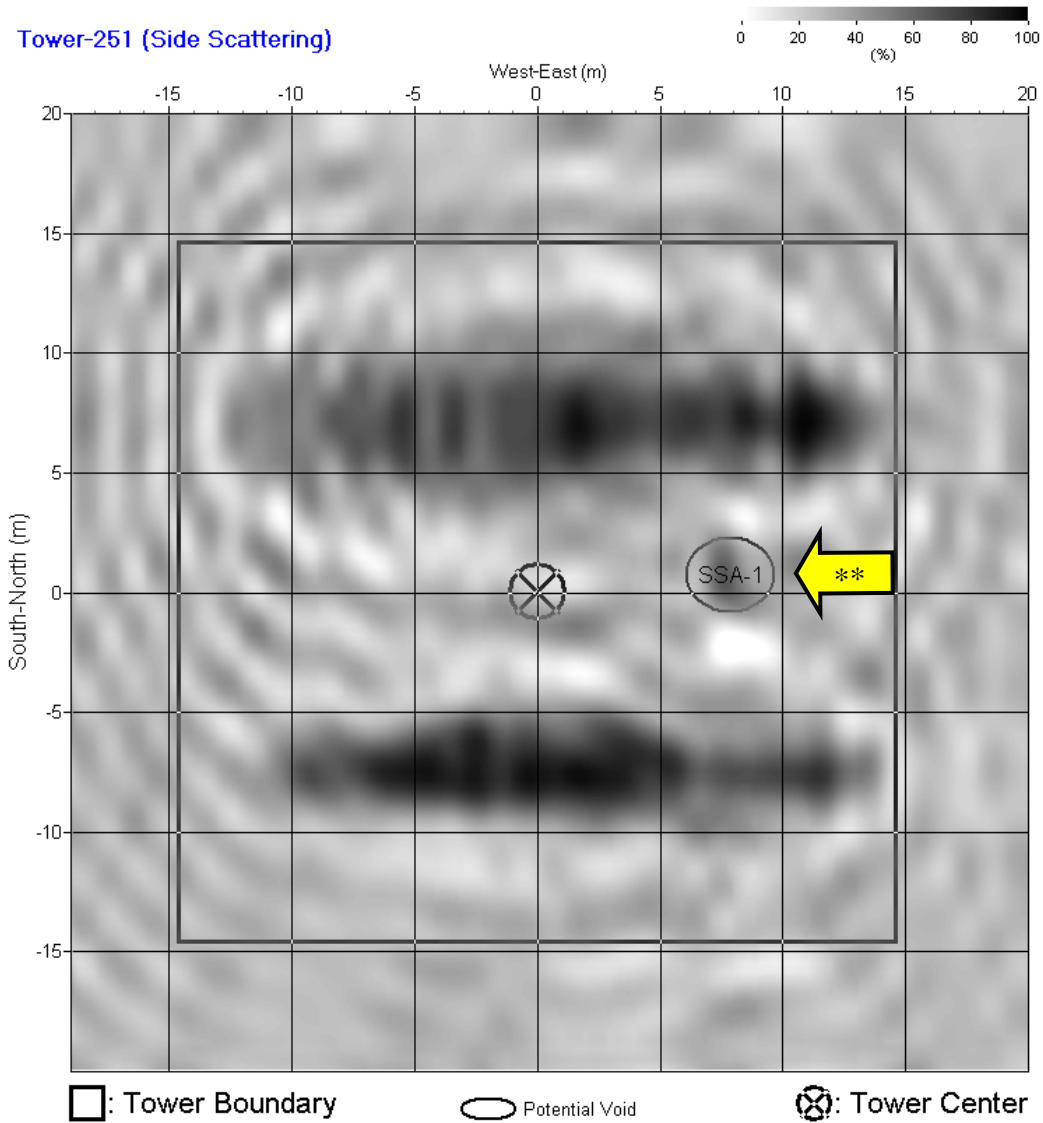


# T-250



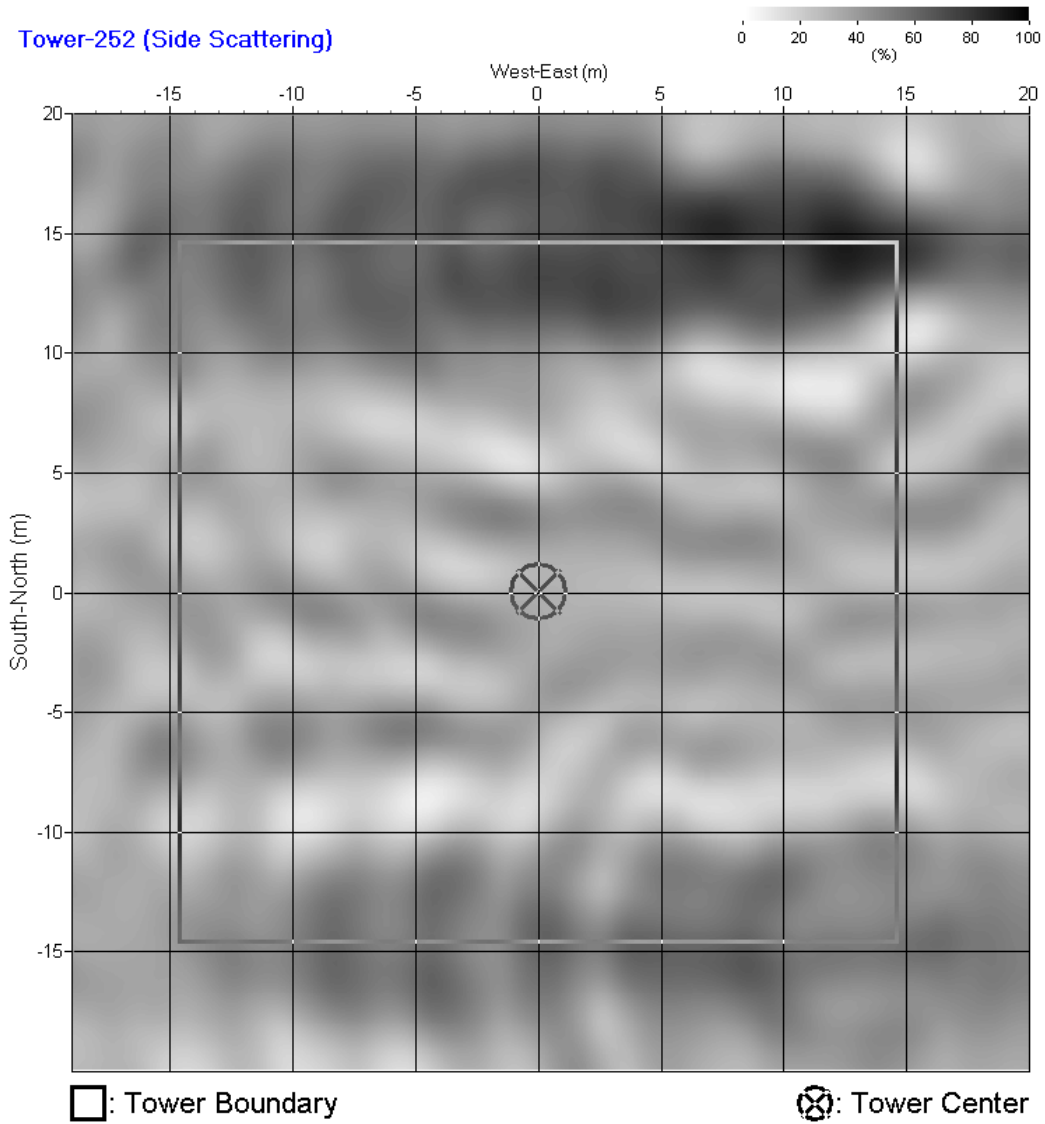


# T-251\*

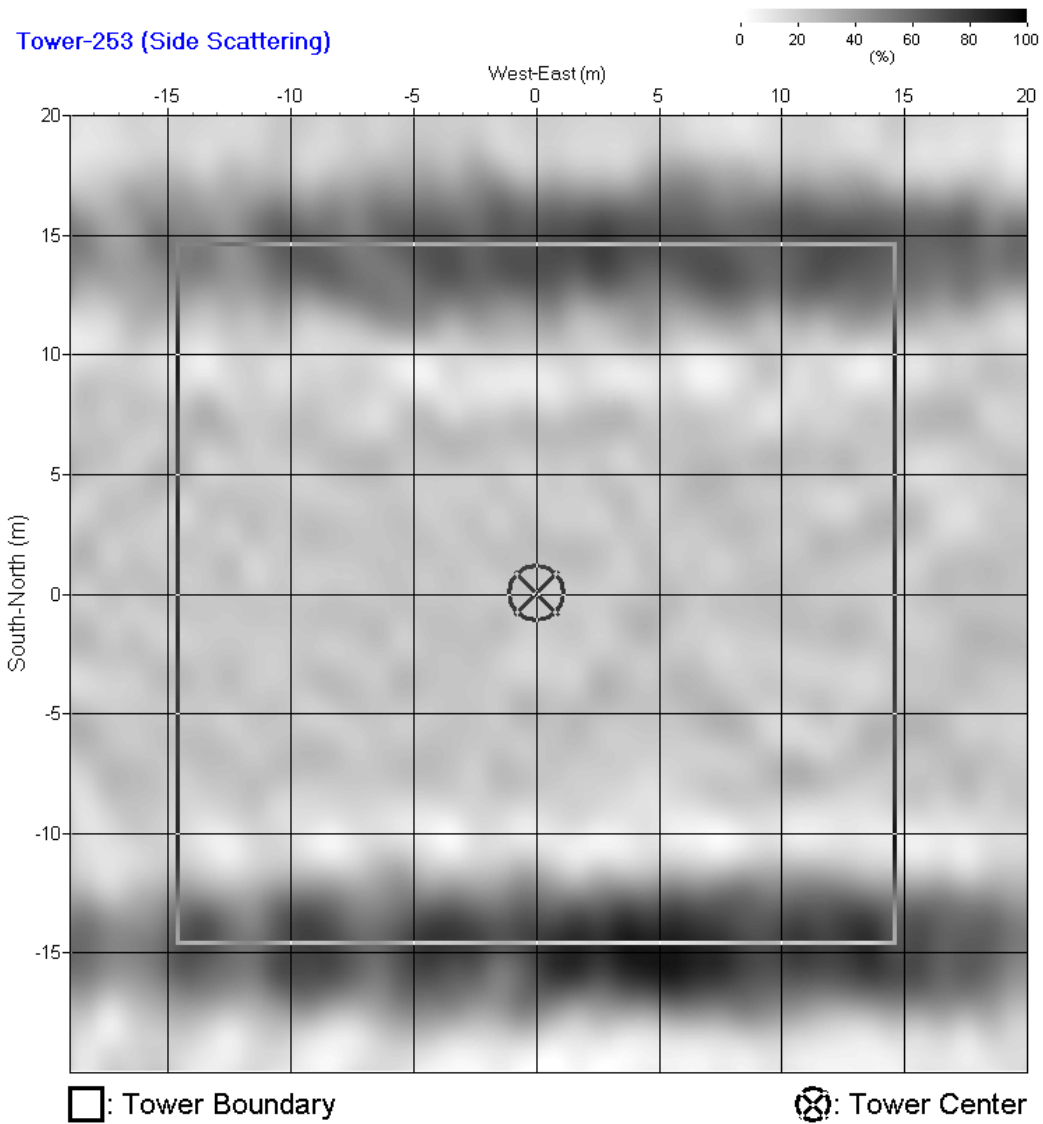


\*Shorter receiver spacing of 2 ft used due to terrain condition, \*\*Potential void (see separate text file for coordinates)

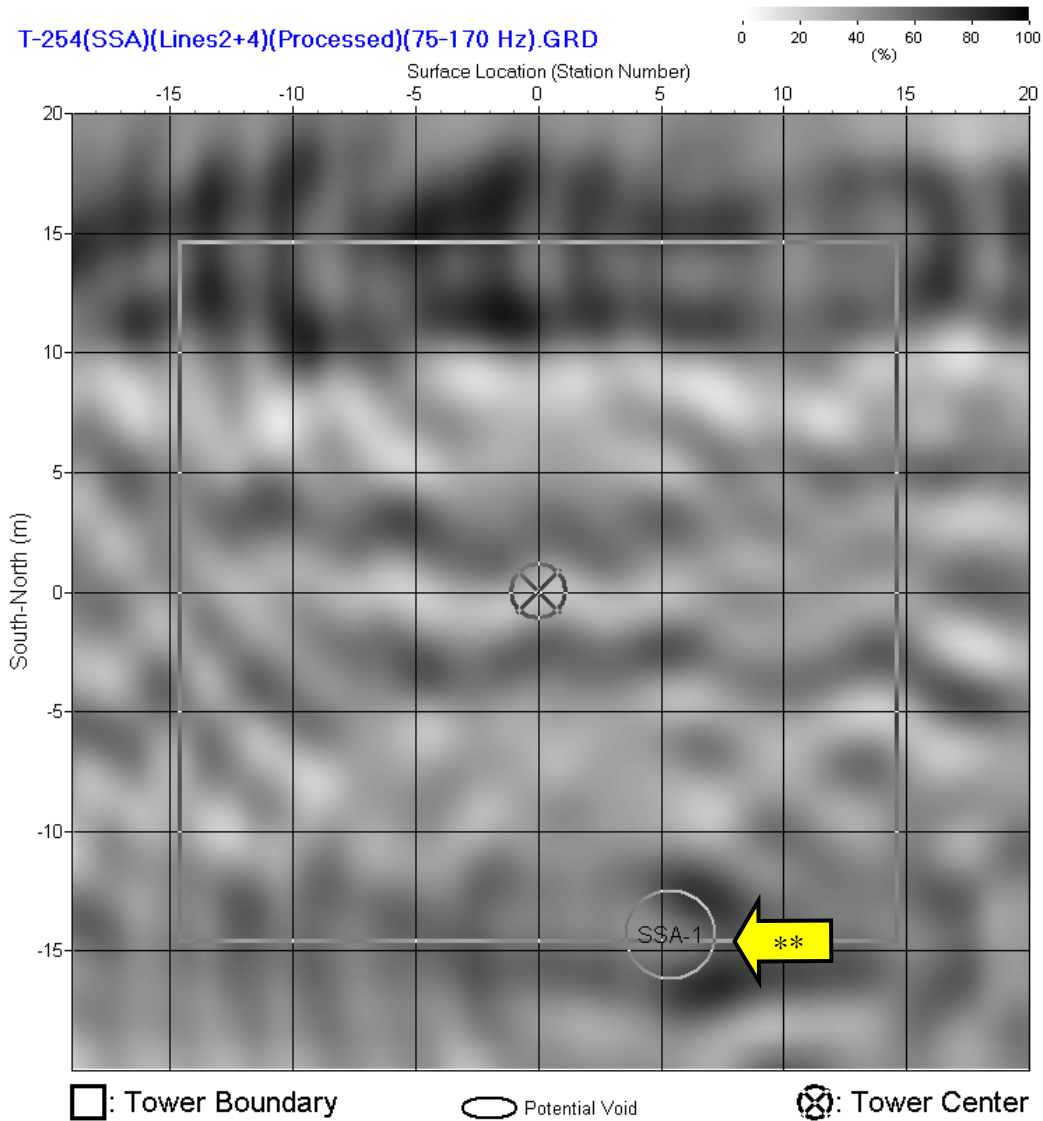
# T-252



# T-253

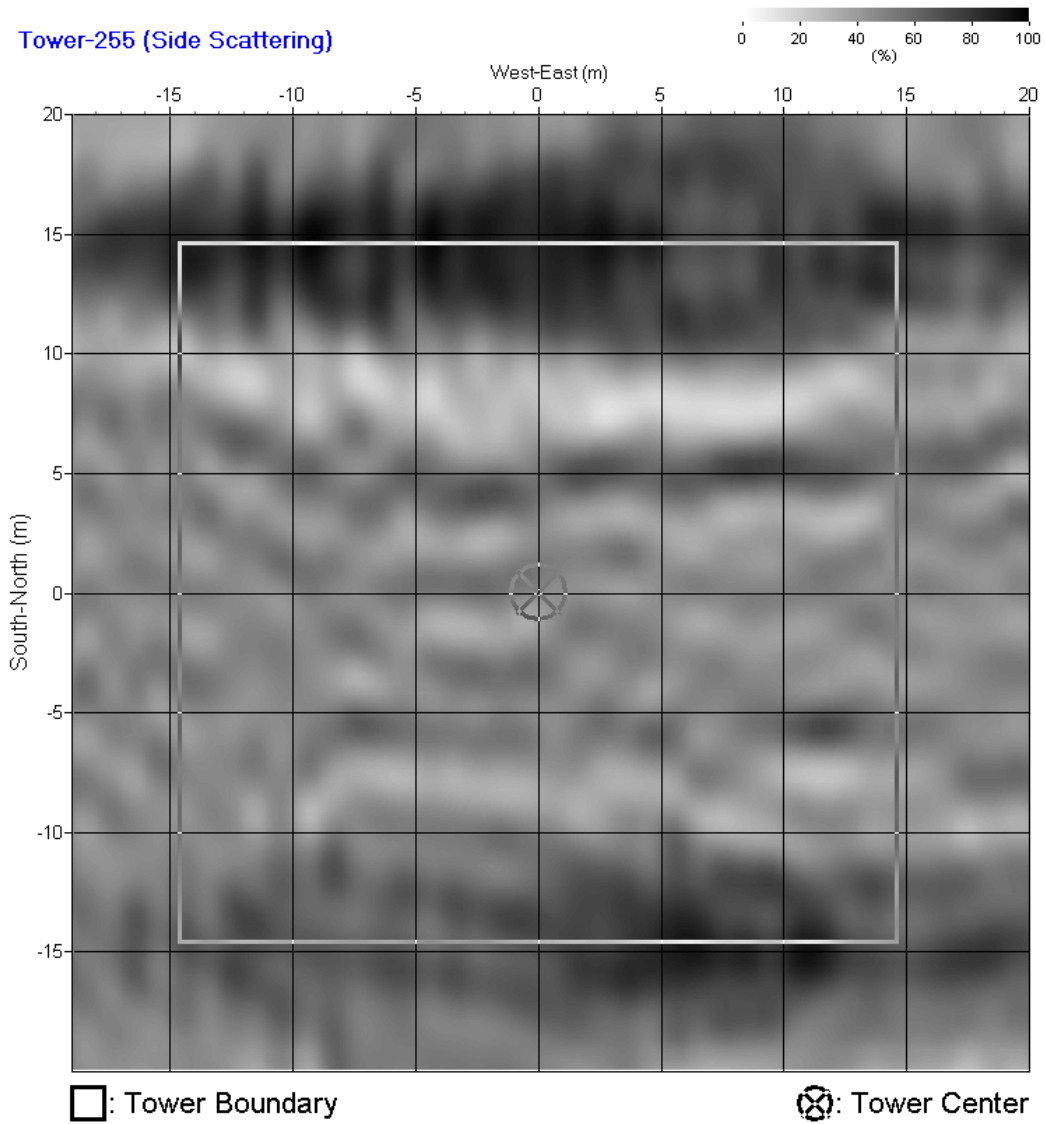


# T-254

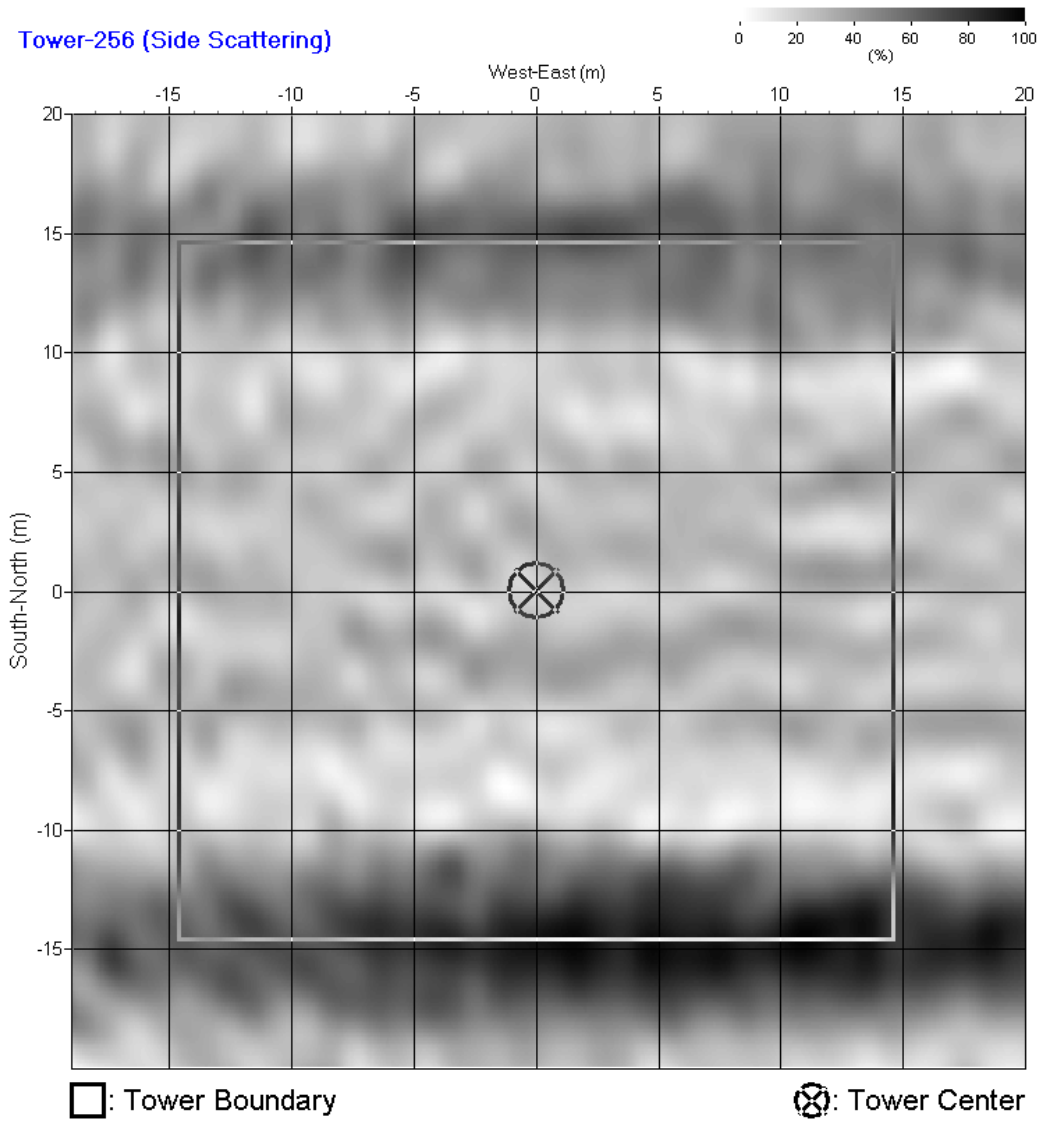


\*\*Potential void (see separate text file for coordinates)

# T-255

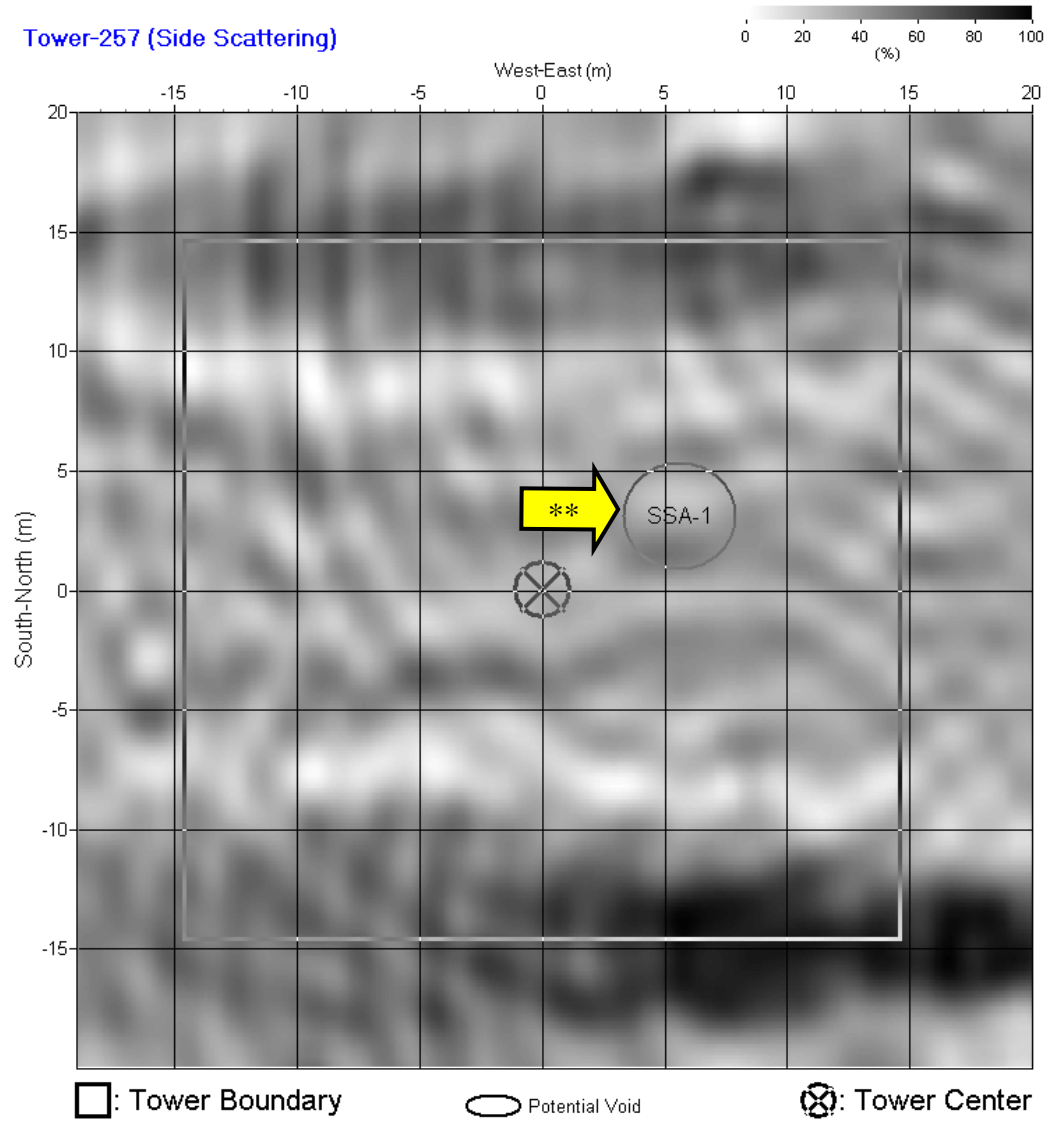


# T-256



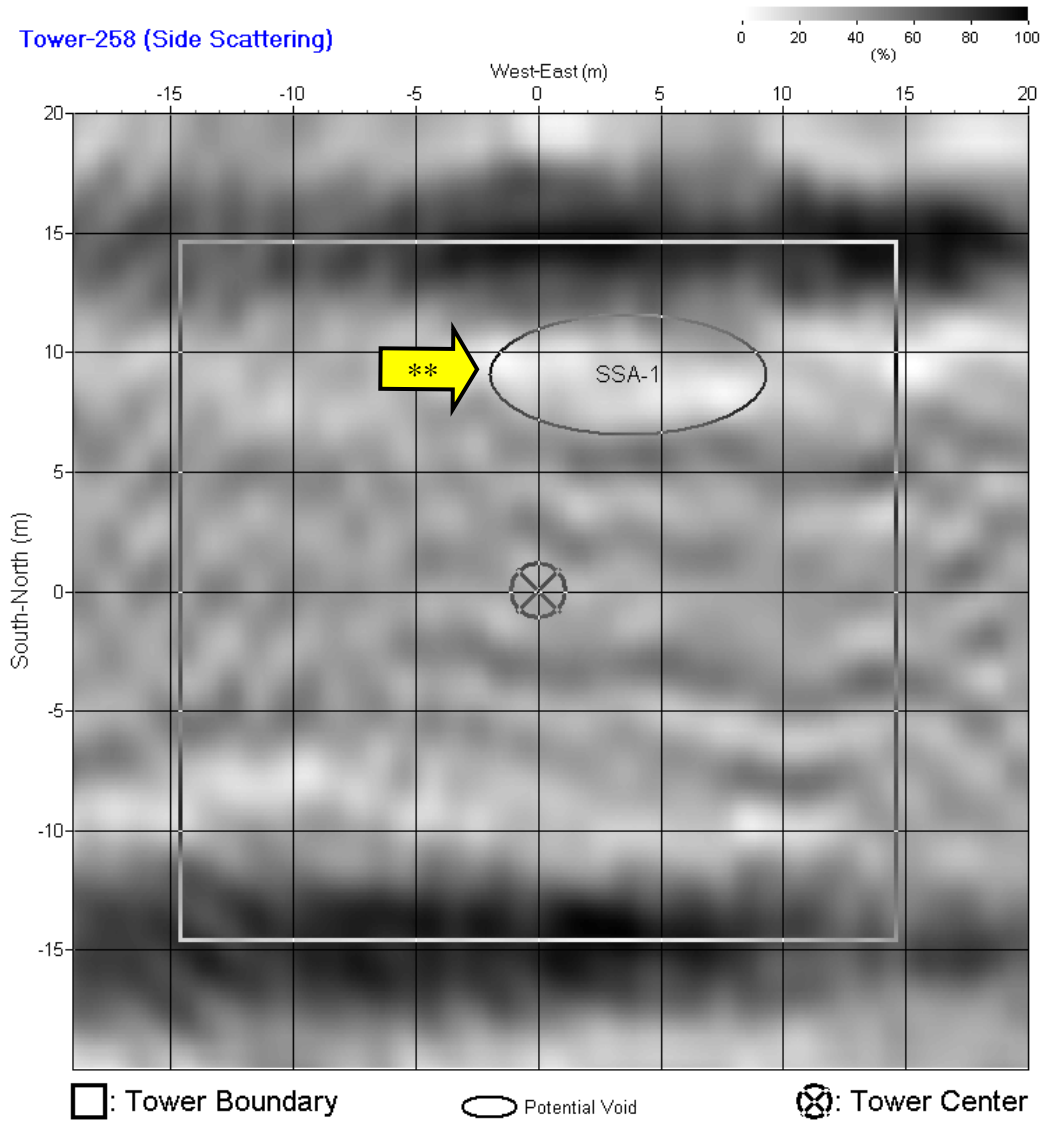
# T-257

Tower-257 (Side Scattering)



\*\*Potential void (see separate text file for coordinates)

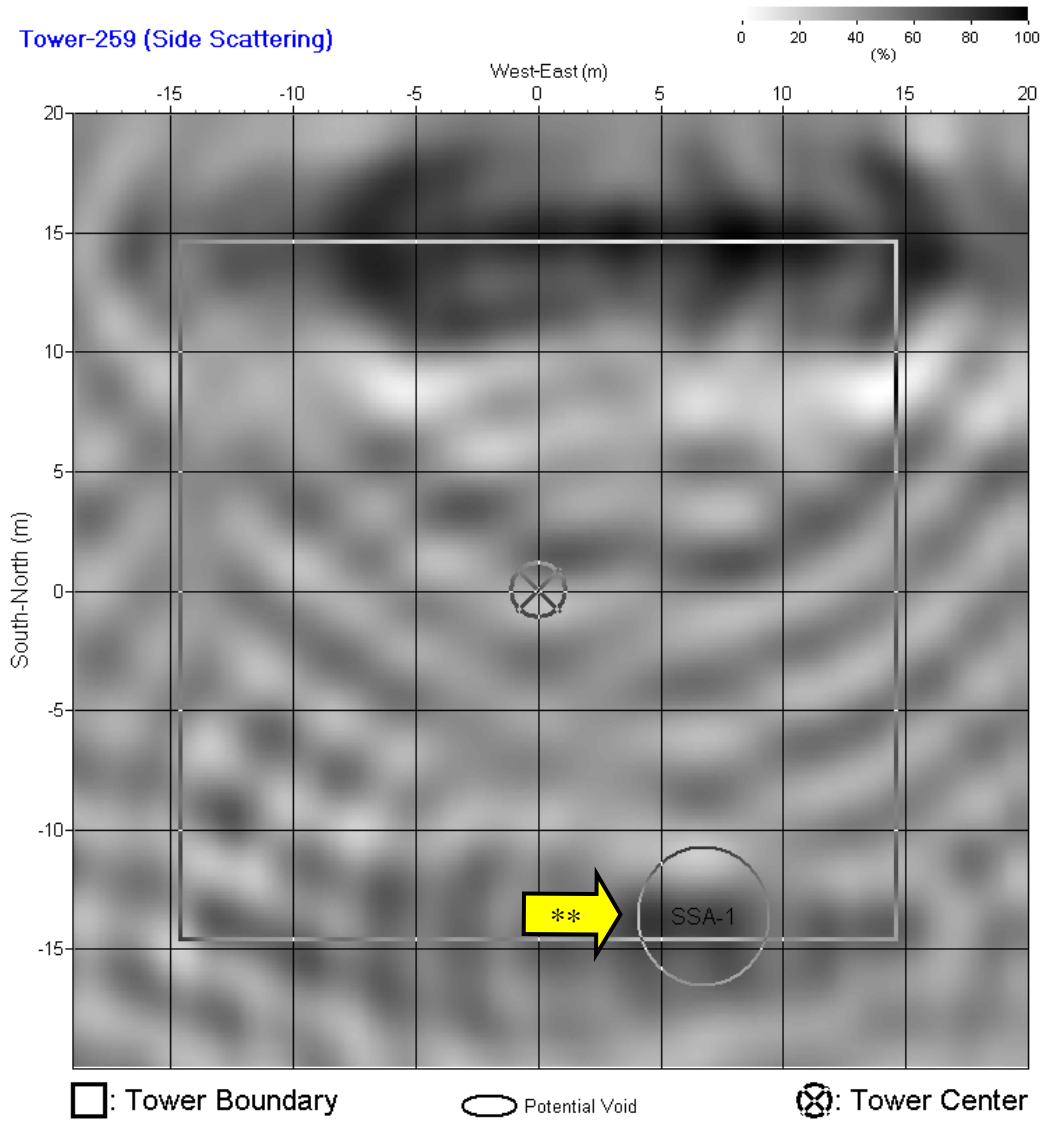
# T-258



\*\*Potential void (see separate text file for coordinates)

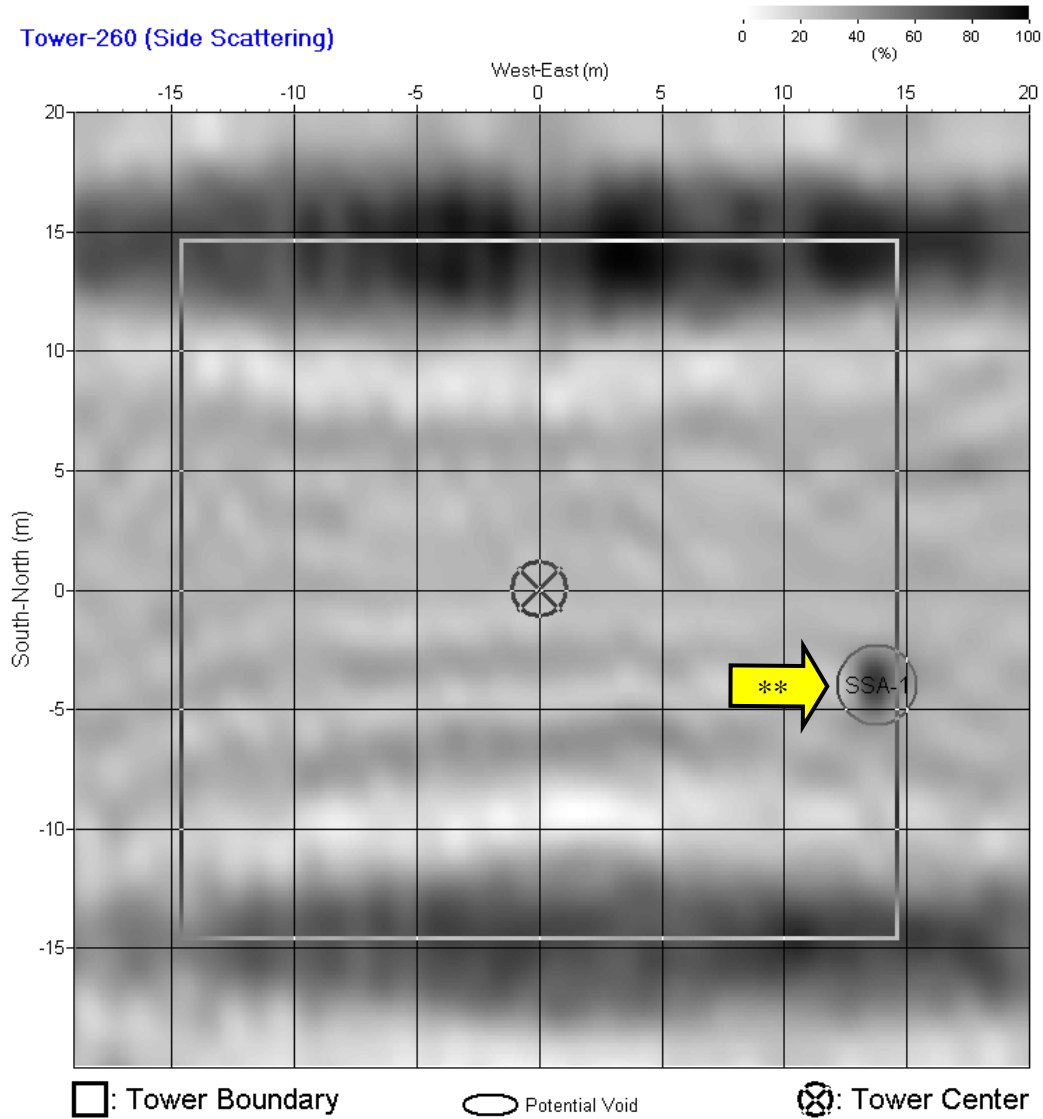


# T-259



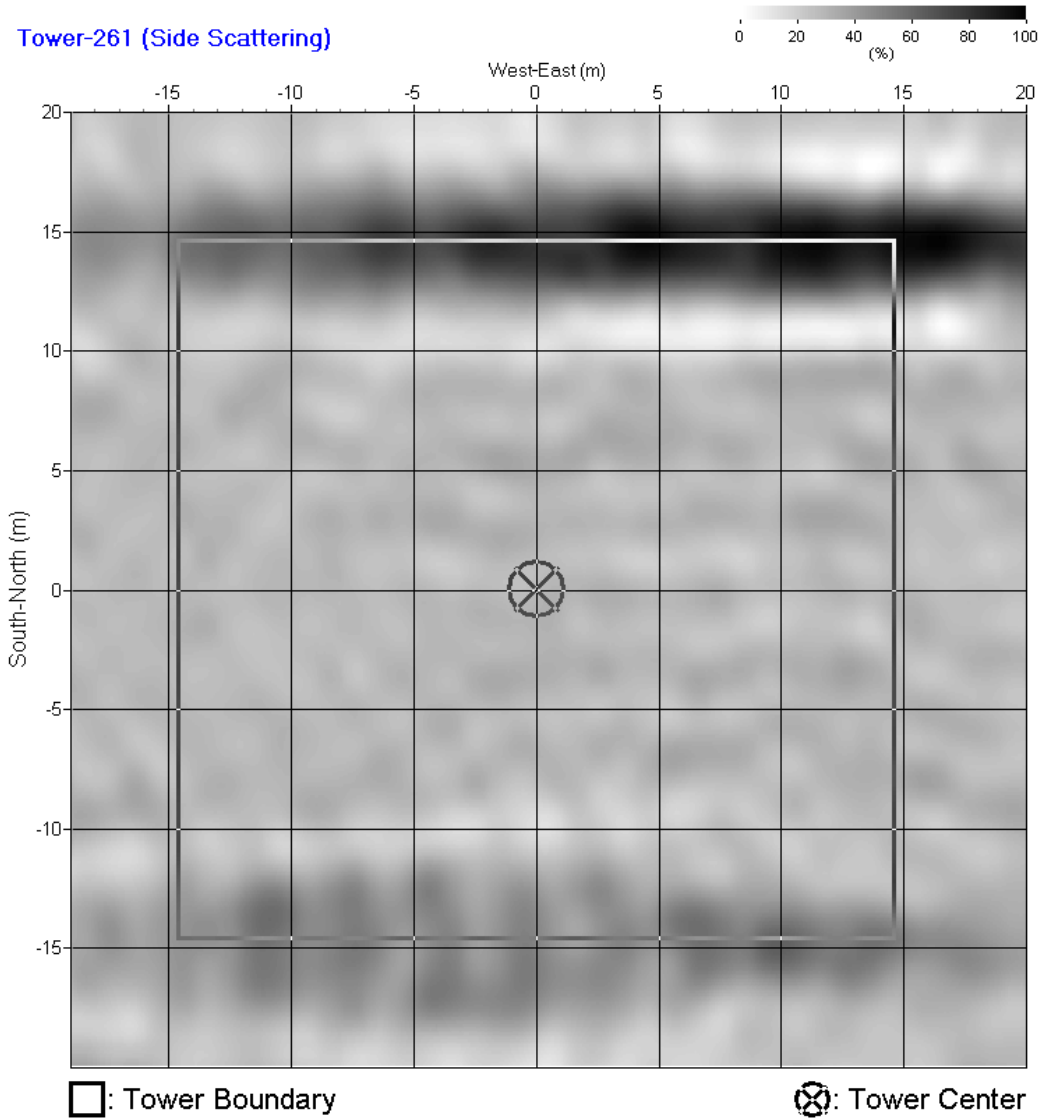
\*\*Potential void (see separate text file for coordinates)

# T-260

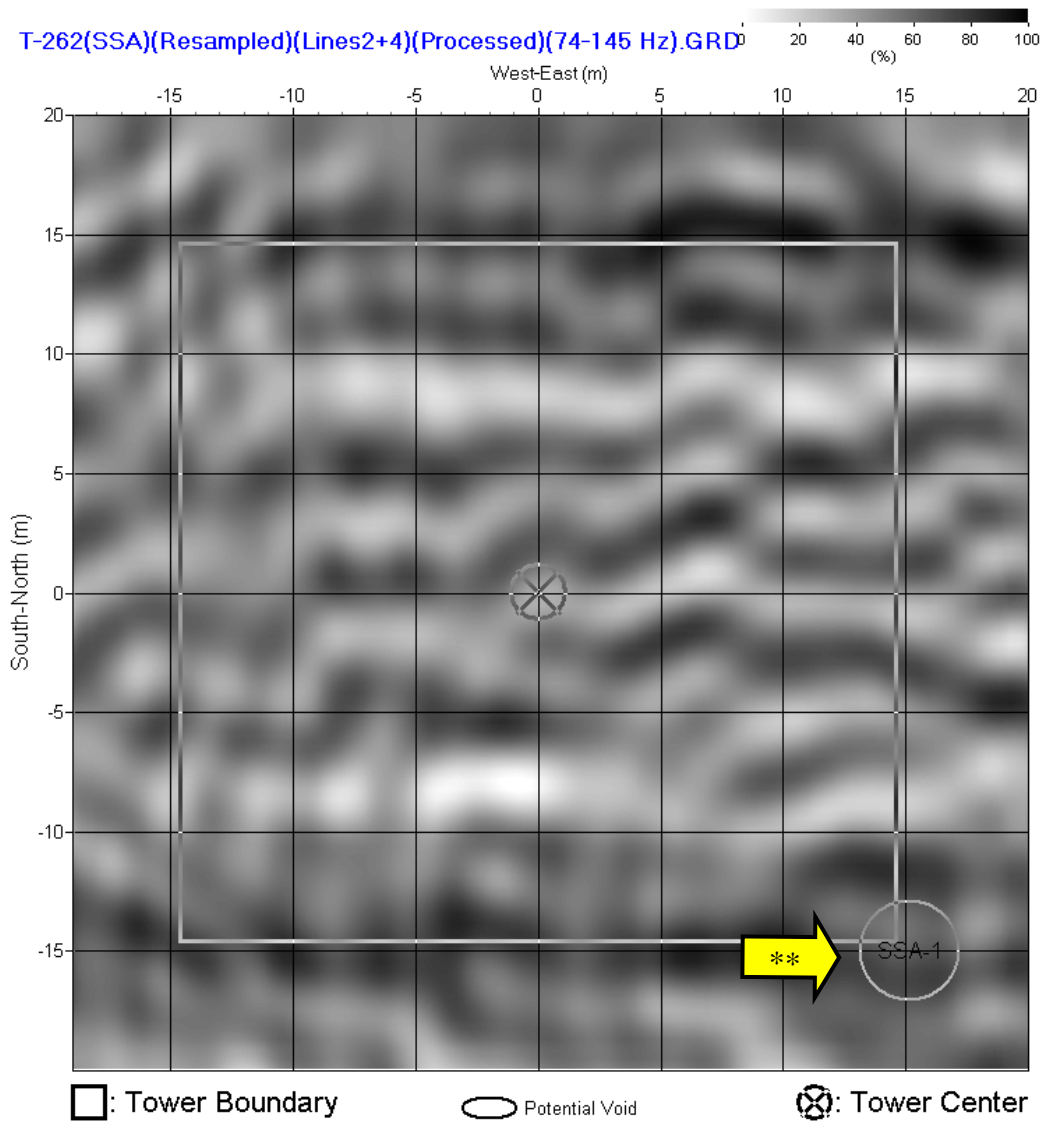


\*\*Potential void (see separate text file for coordinates)

# T-261

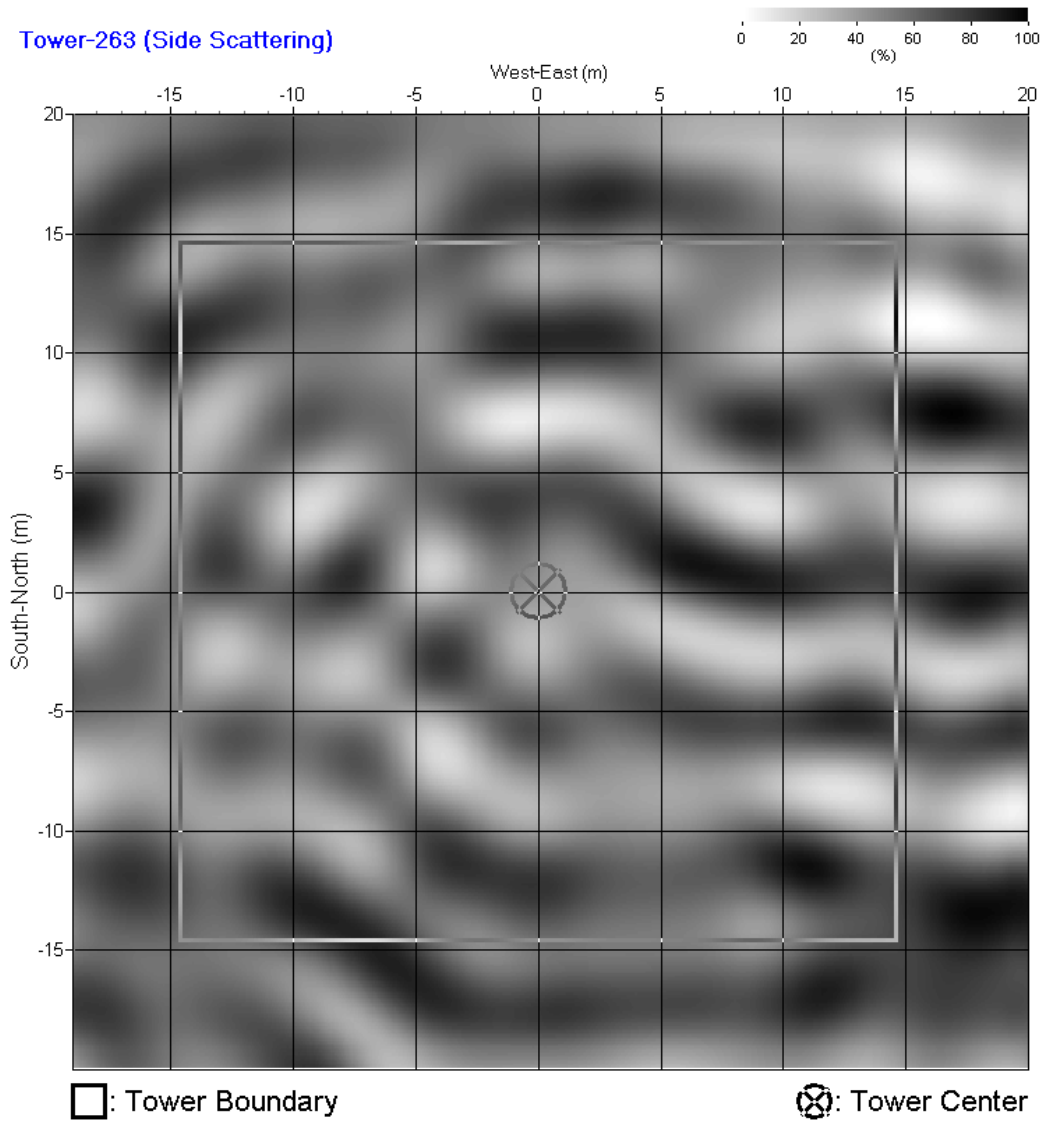


# T-262

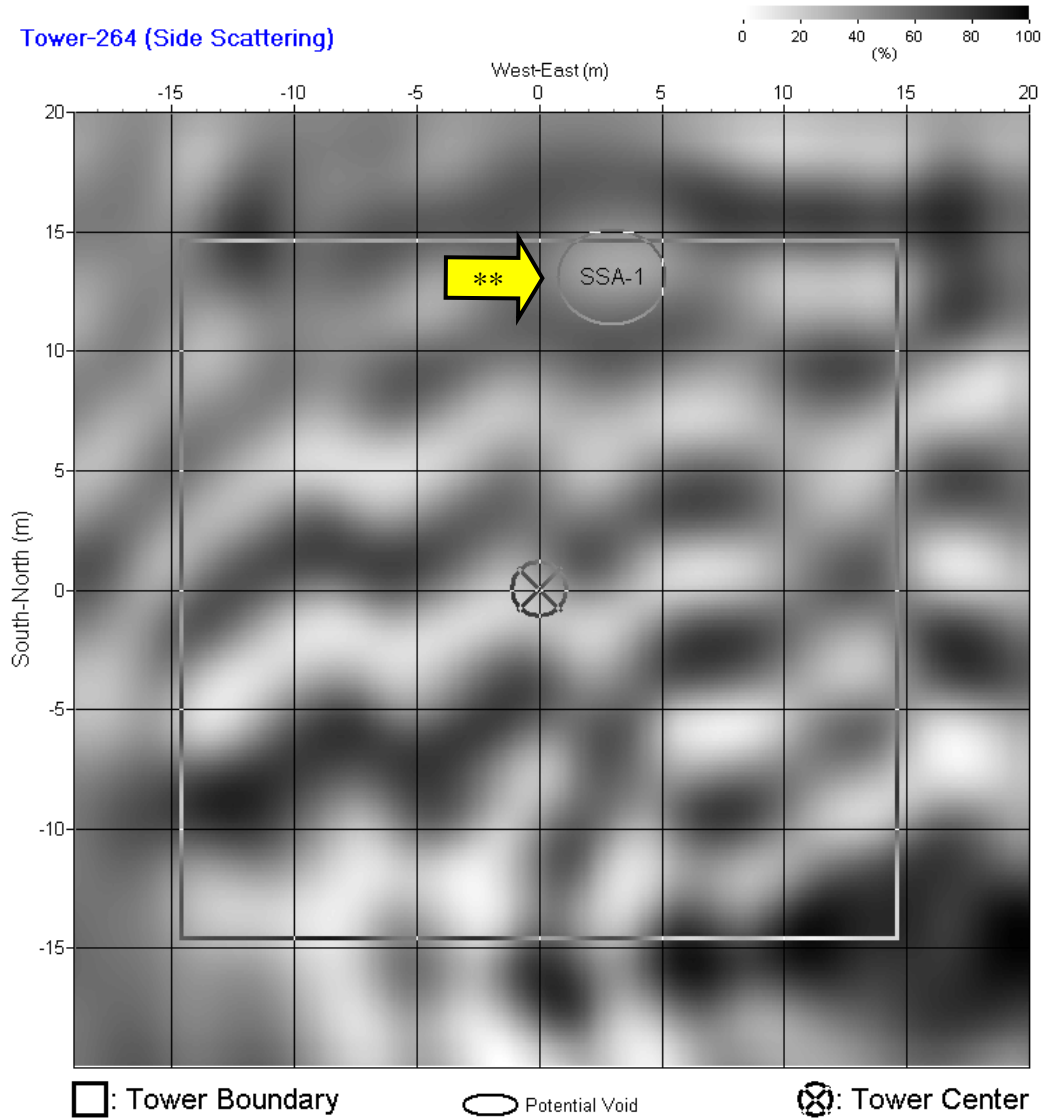


\*\*Potential void (see separate text file for coordinates)

# T-263

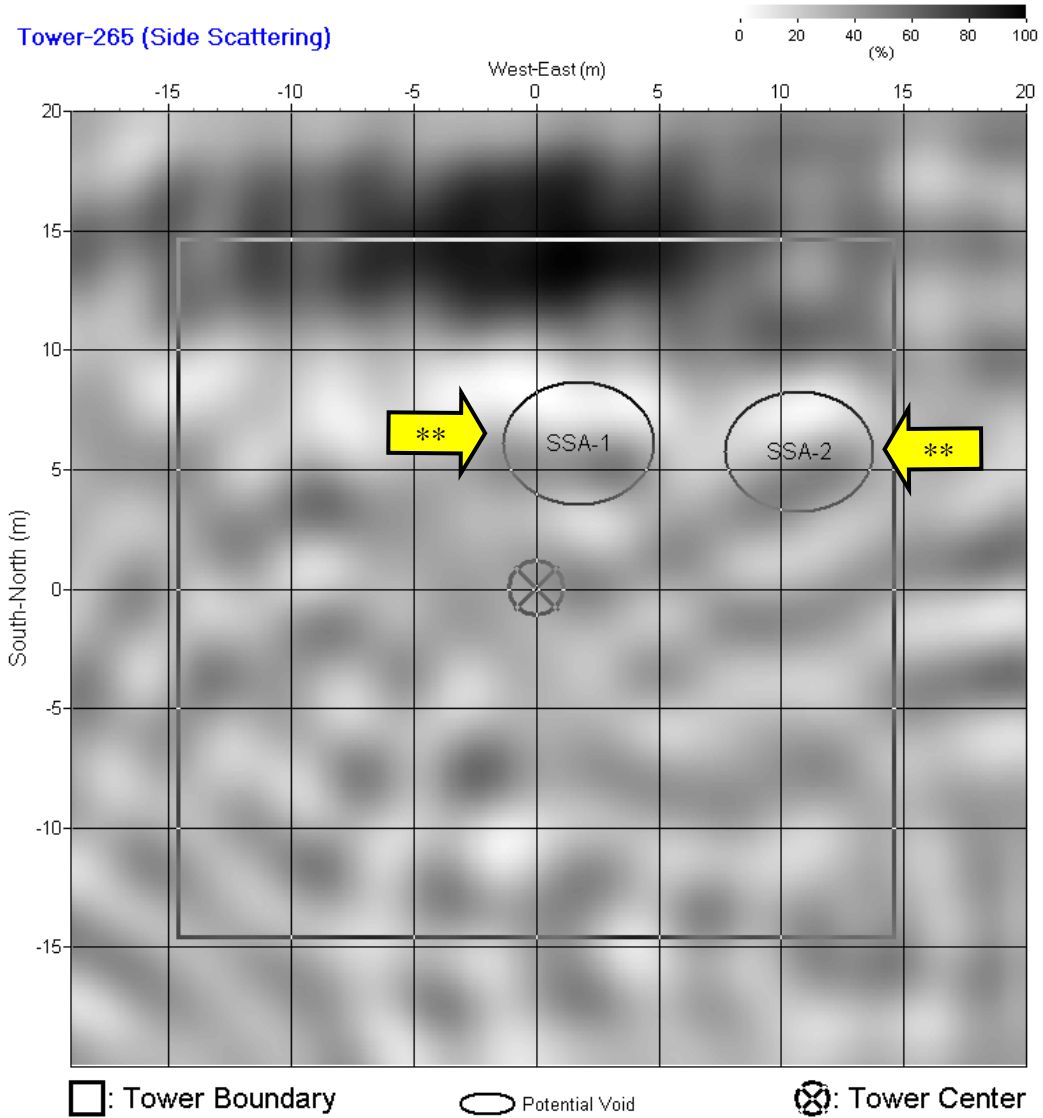


# T-264



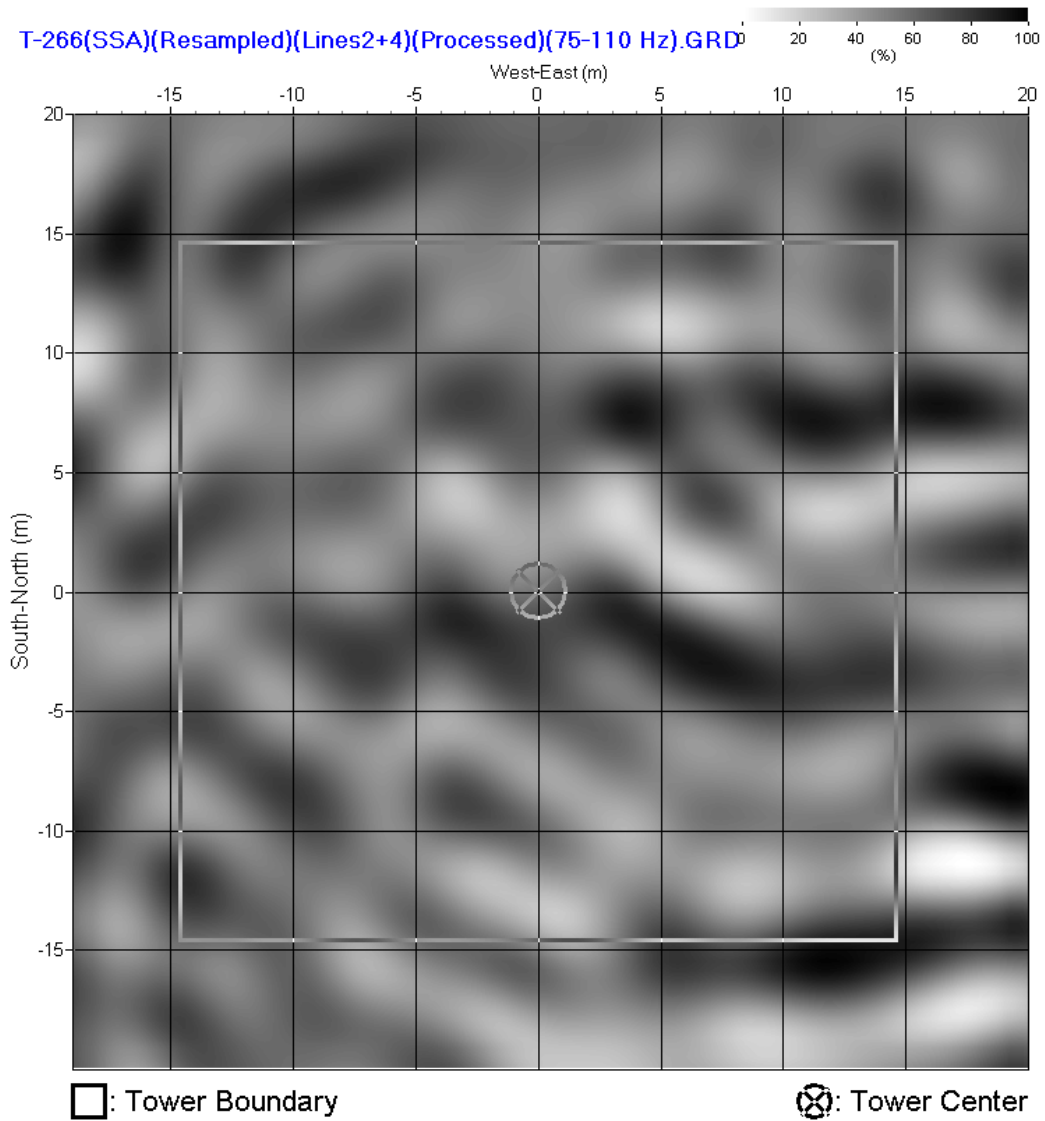
\*\*Potential void (see separate text file for coordinates)

# T-265



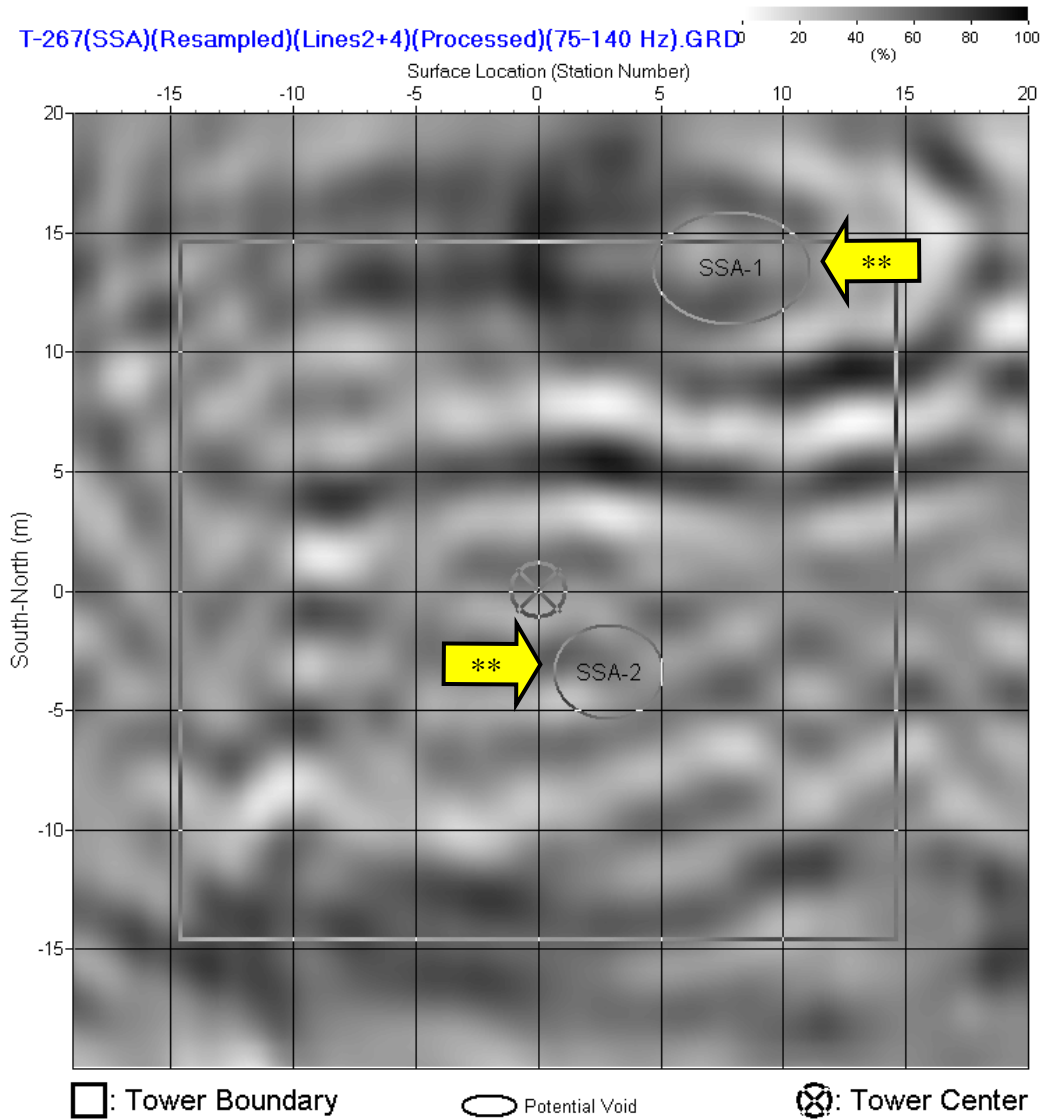
\*\*Potential void (see separate text file for coordinates)

# T-266



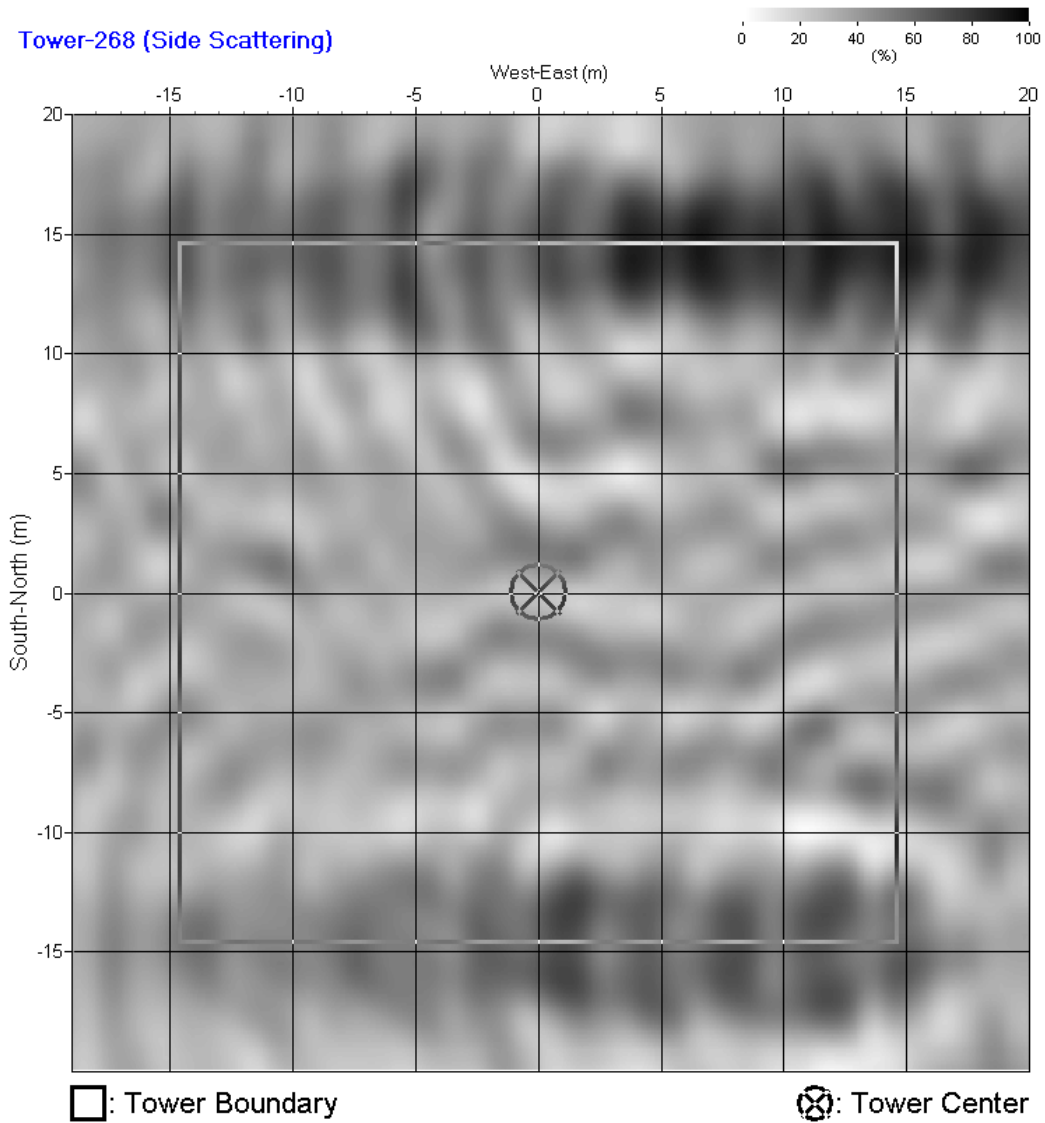


# T-267

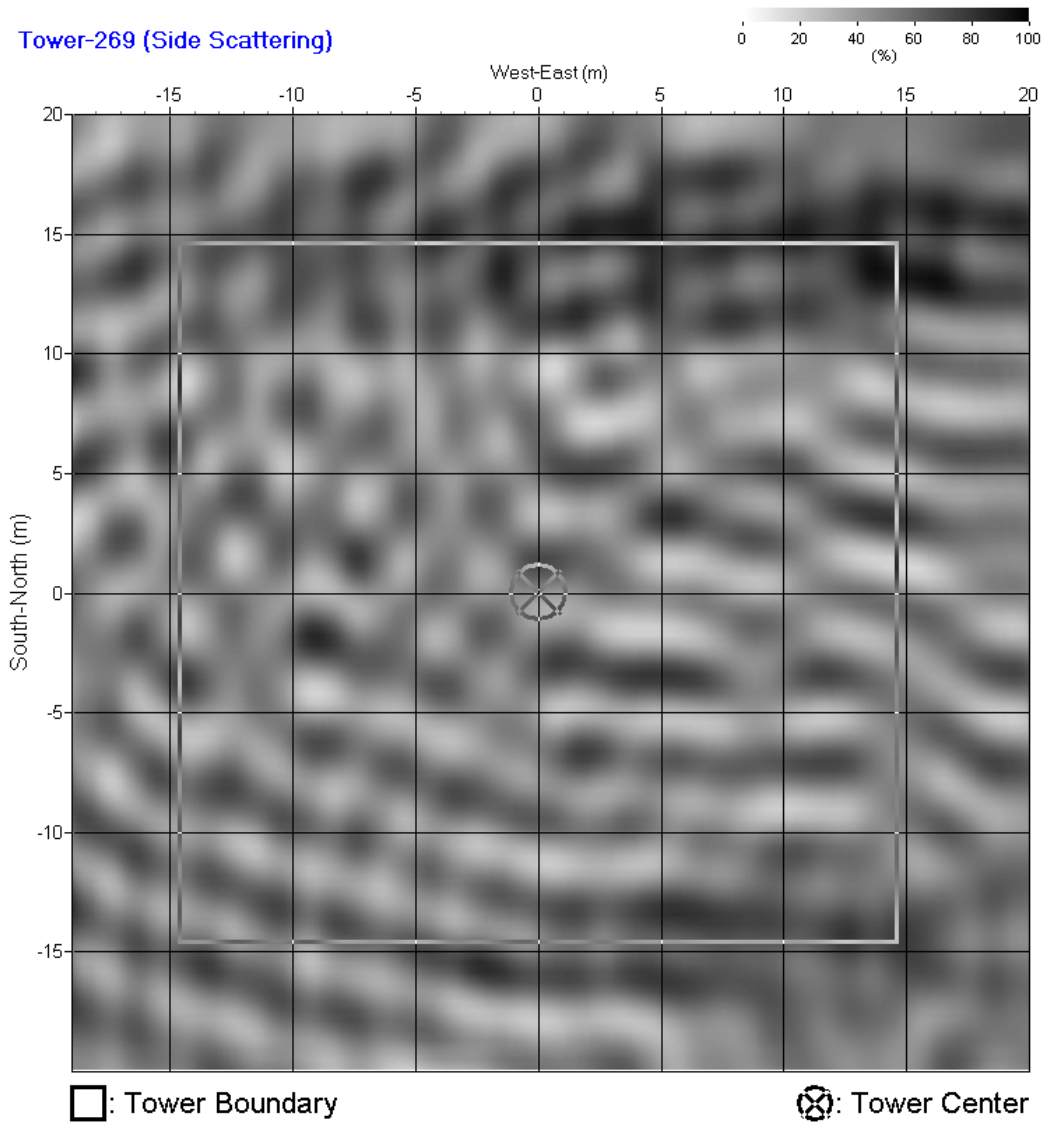


\*\*Potential void (see separate text file for coordinates)

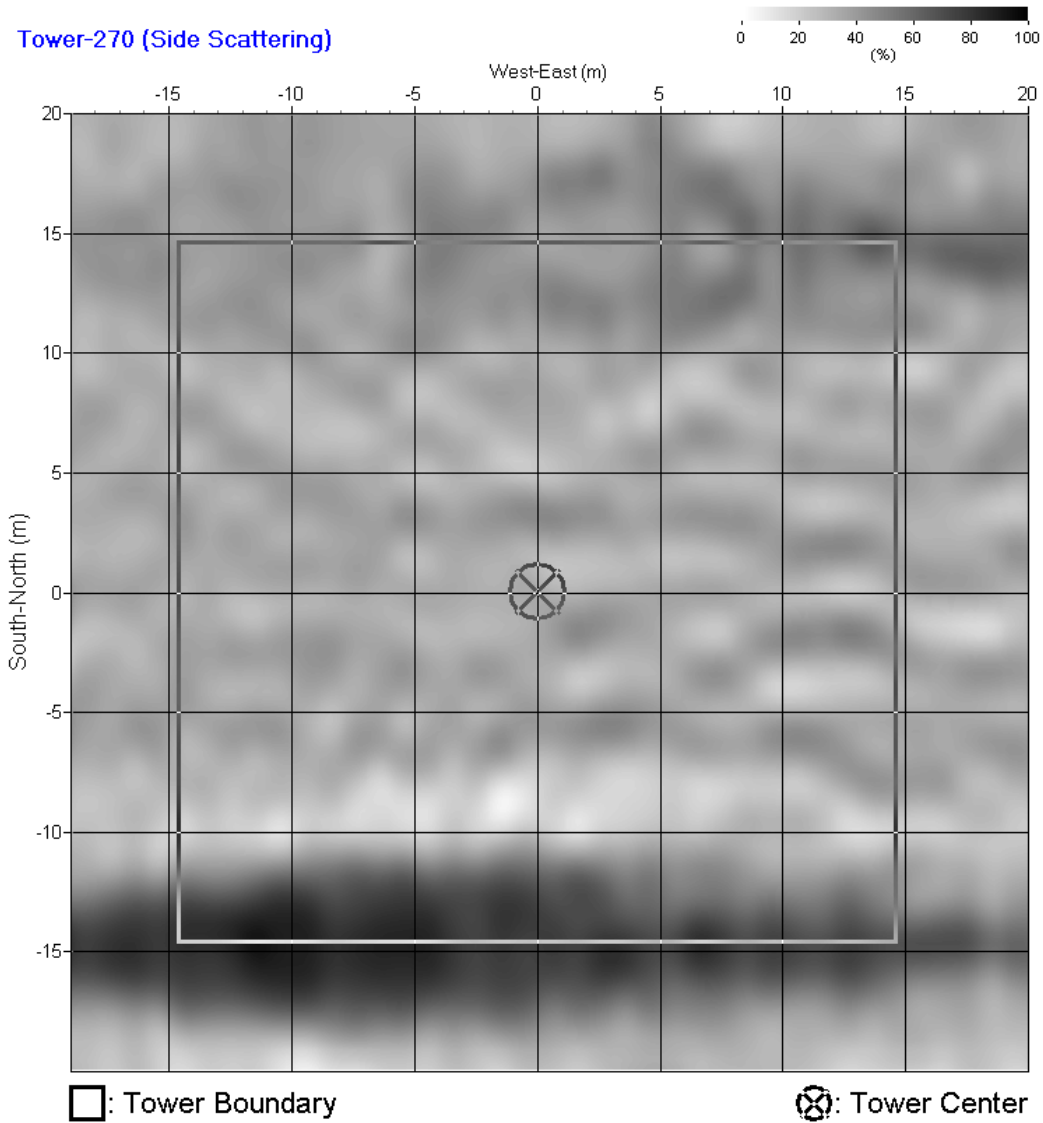
# T-268



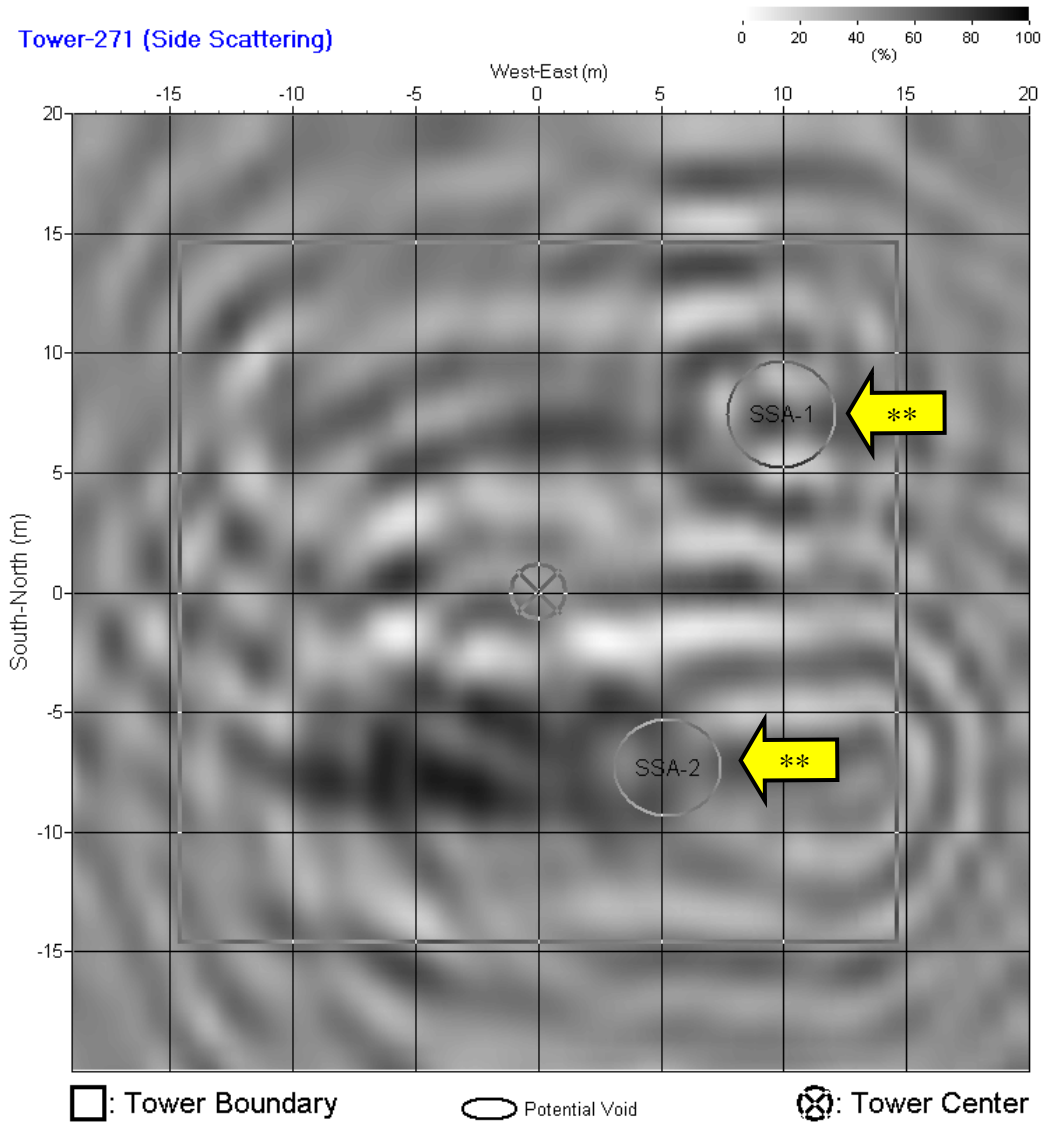
# T-269



# T-270

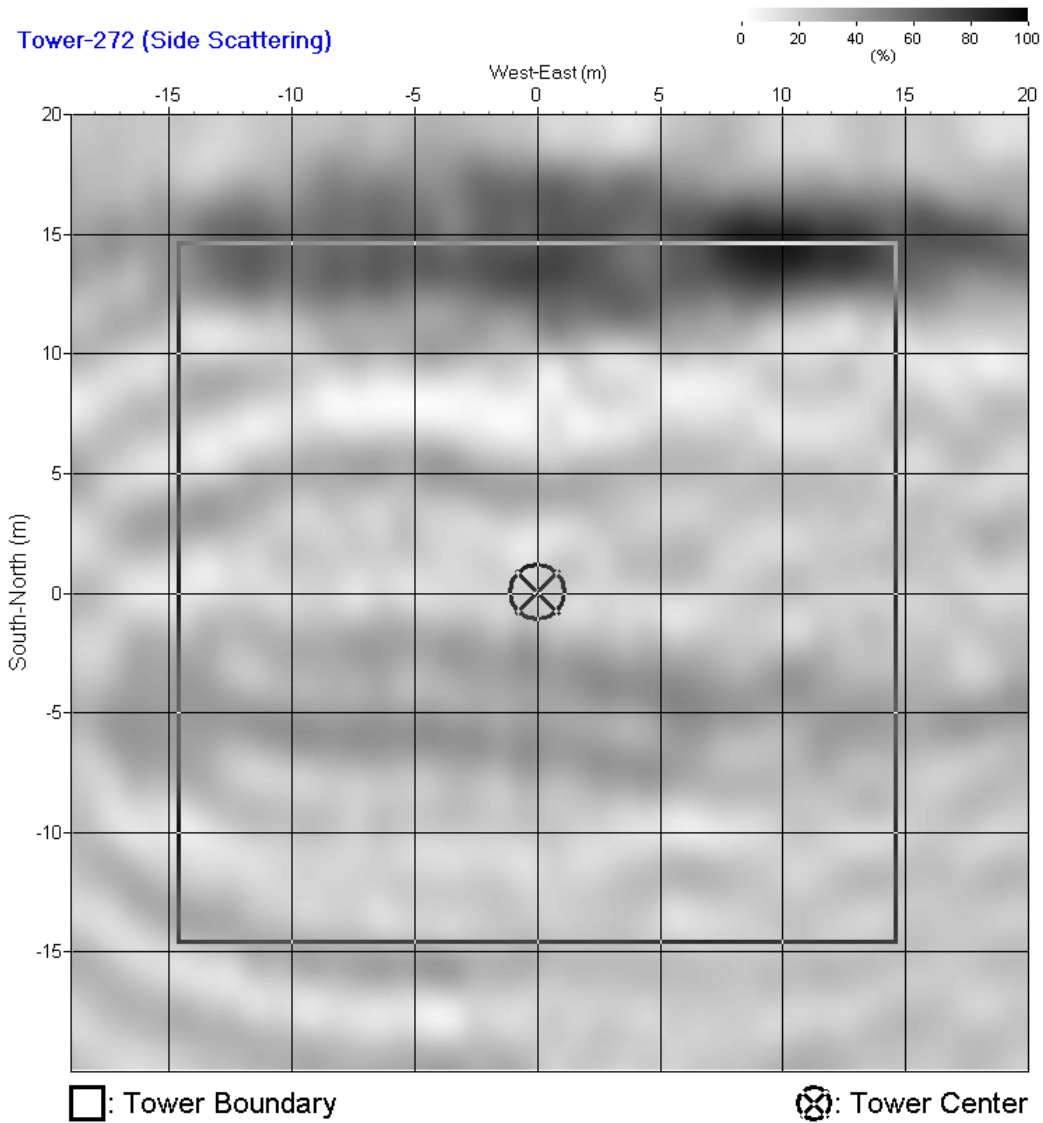


# T-271\*

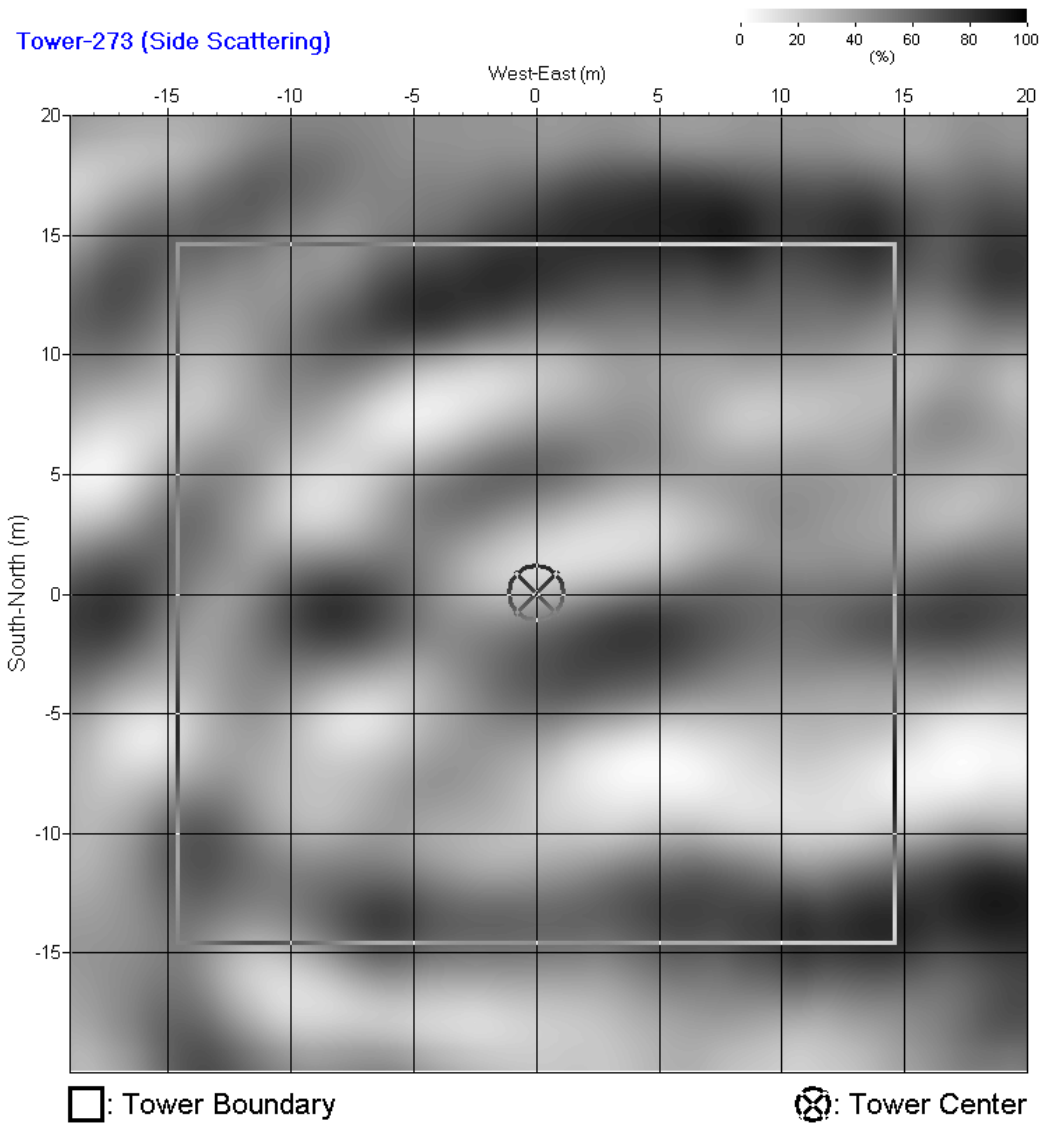


\*A shorter receiver spacing of 2 ft was used due to terrain condition. \*\*Potential void (see separate text file for coordinates)

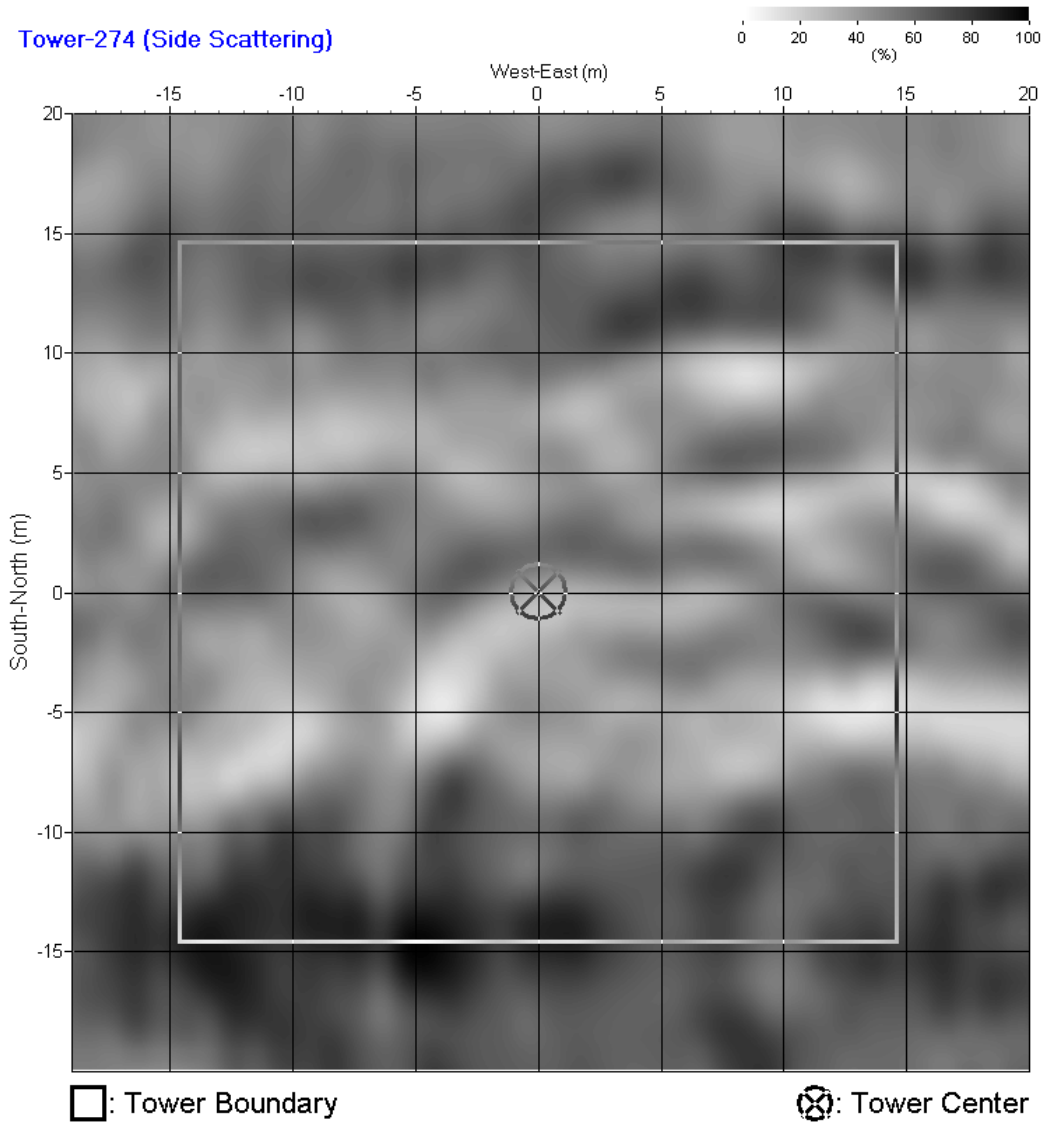
# T-272



# T-273

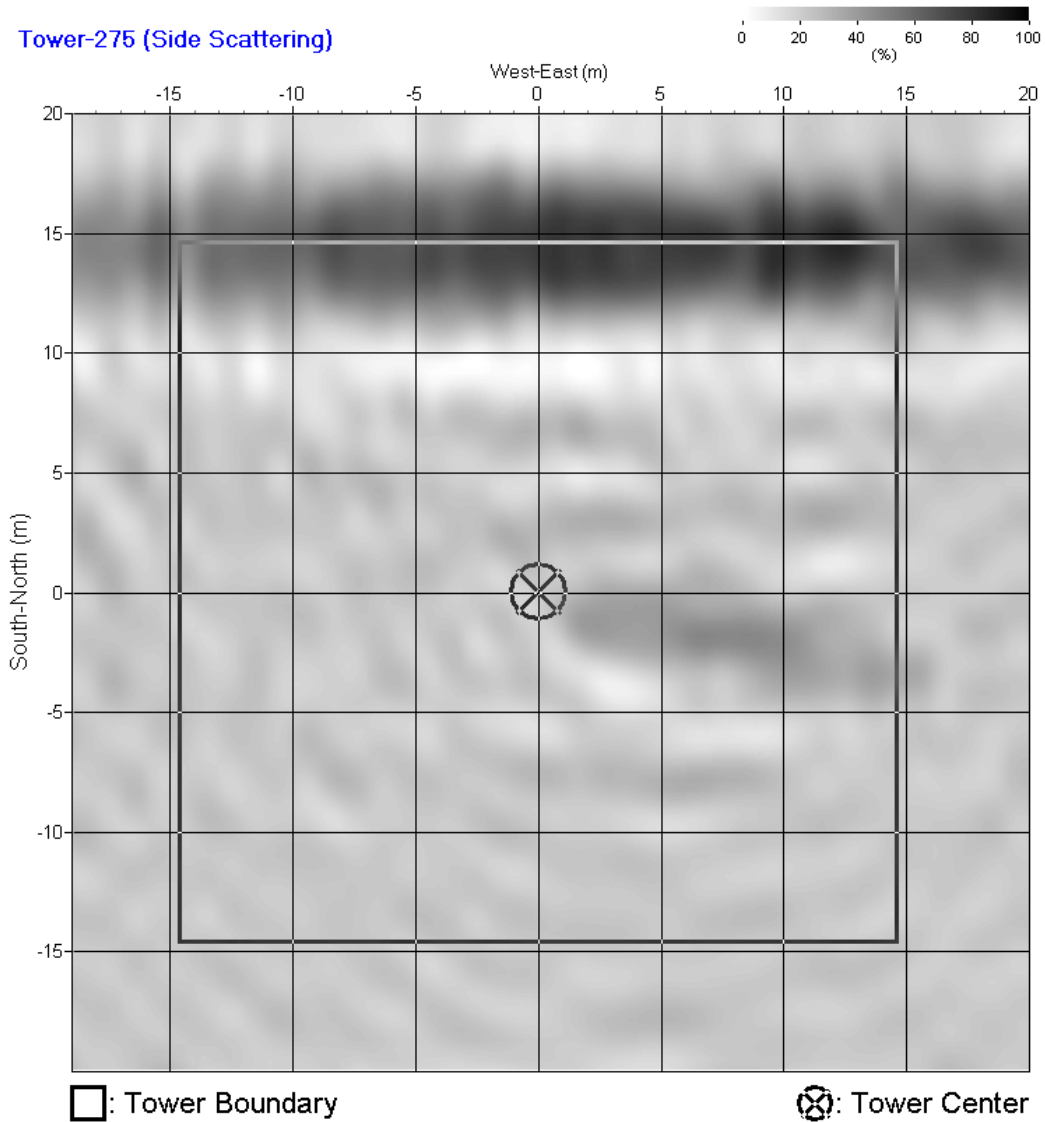


# T-274



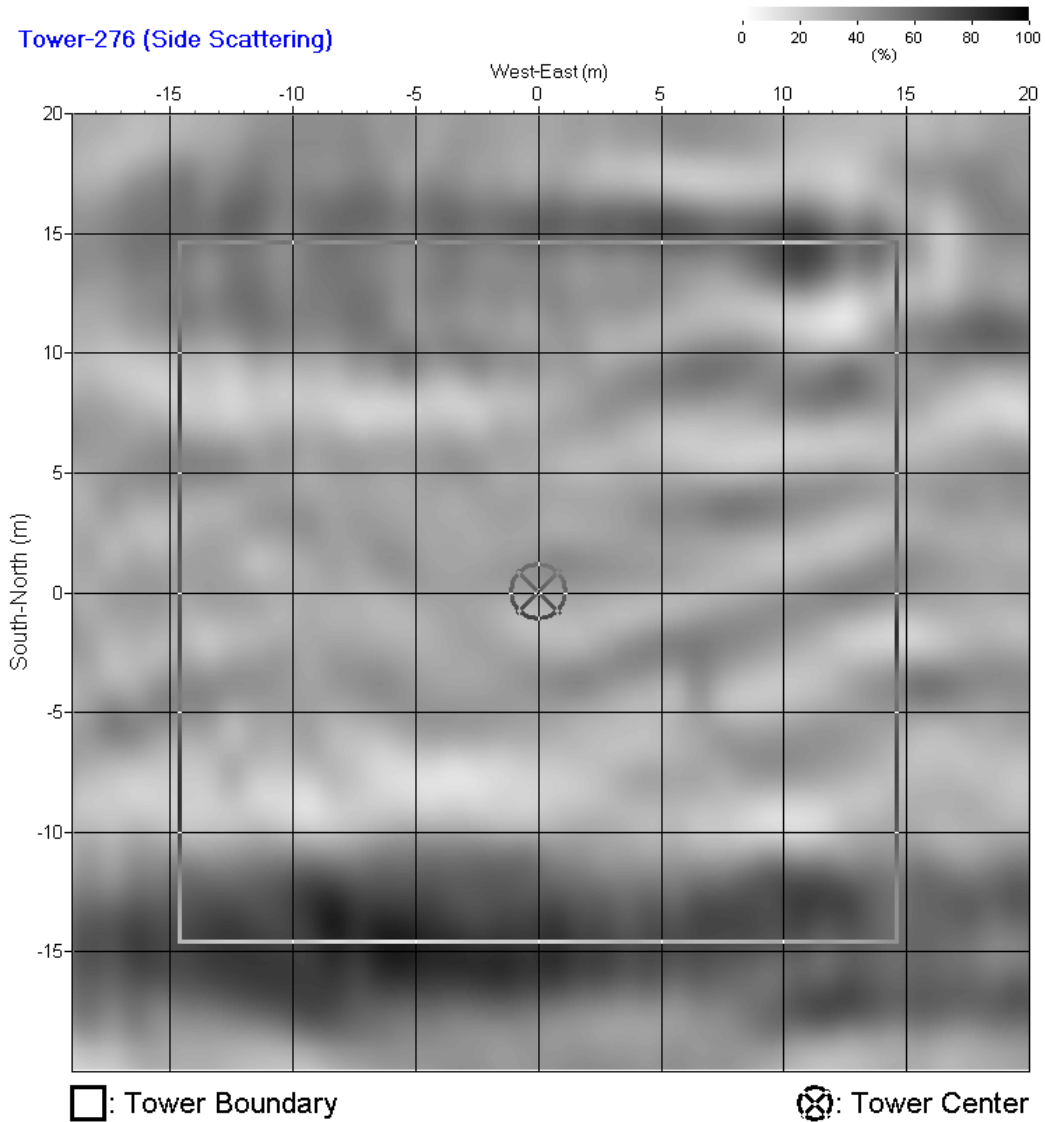


# T-275\*\*

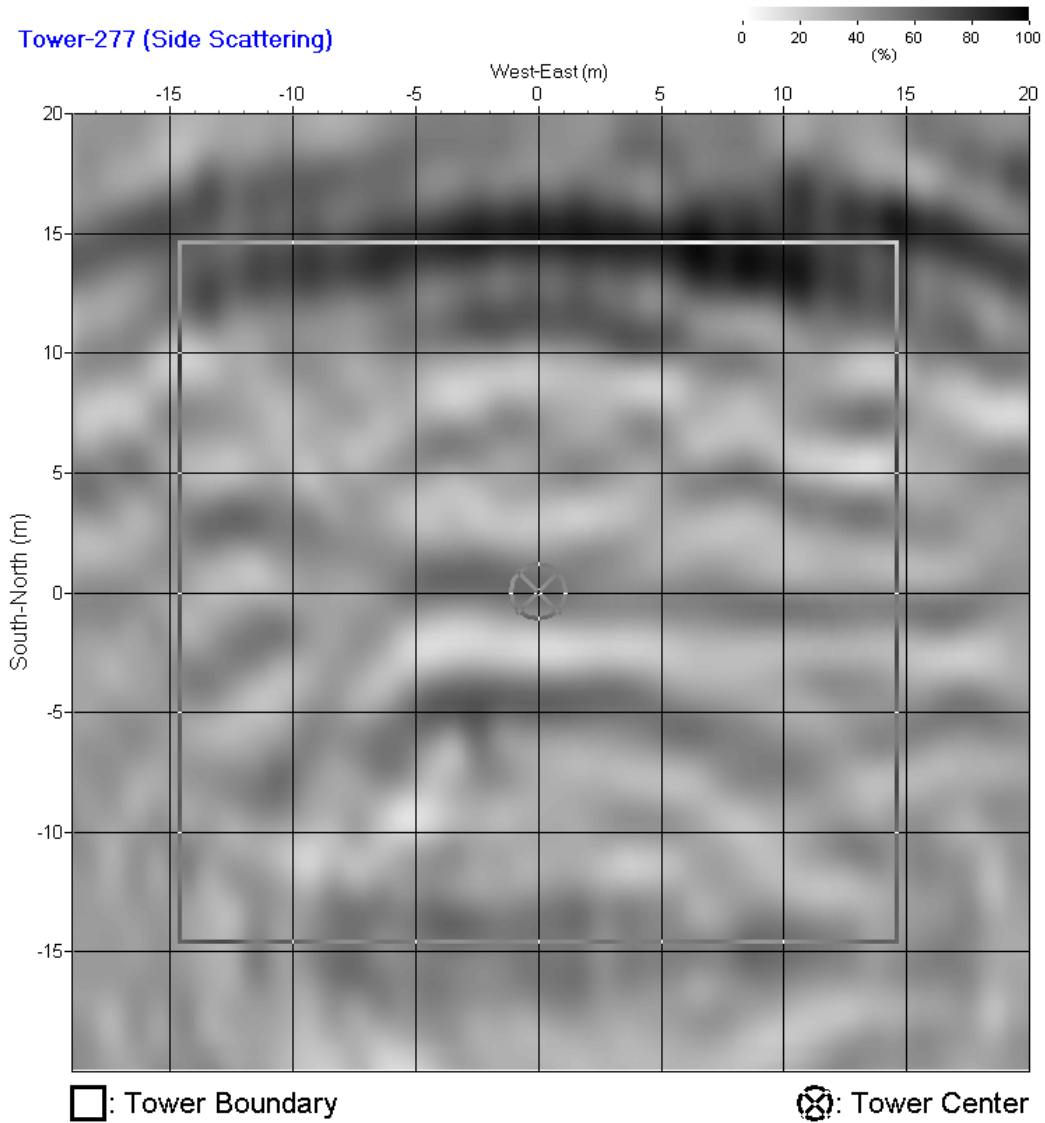


\*\*Only 12 shots were acquired for line 4 due to terrain condition (steep drop off).

# T-276

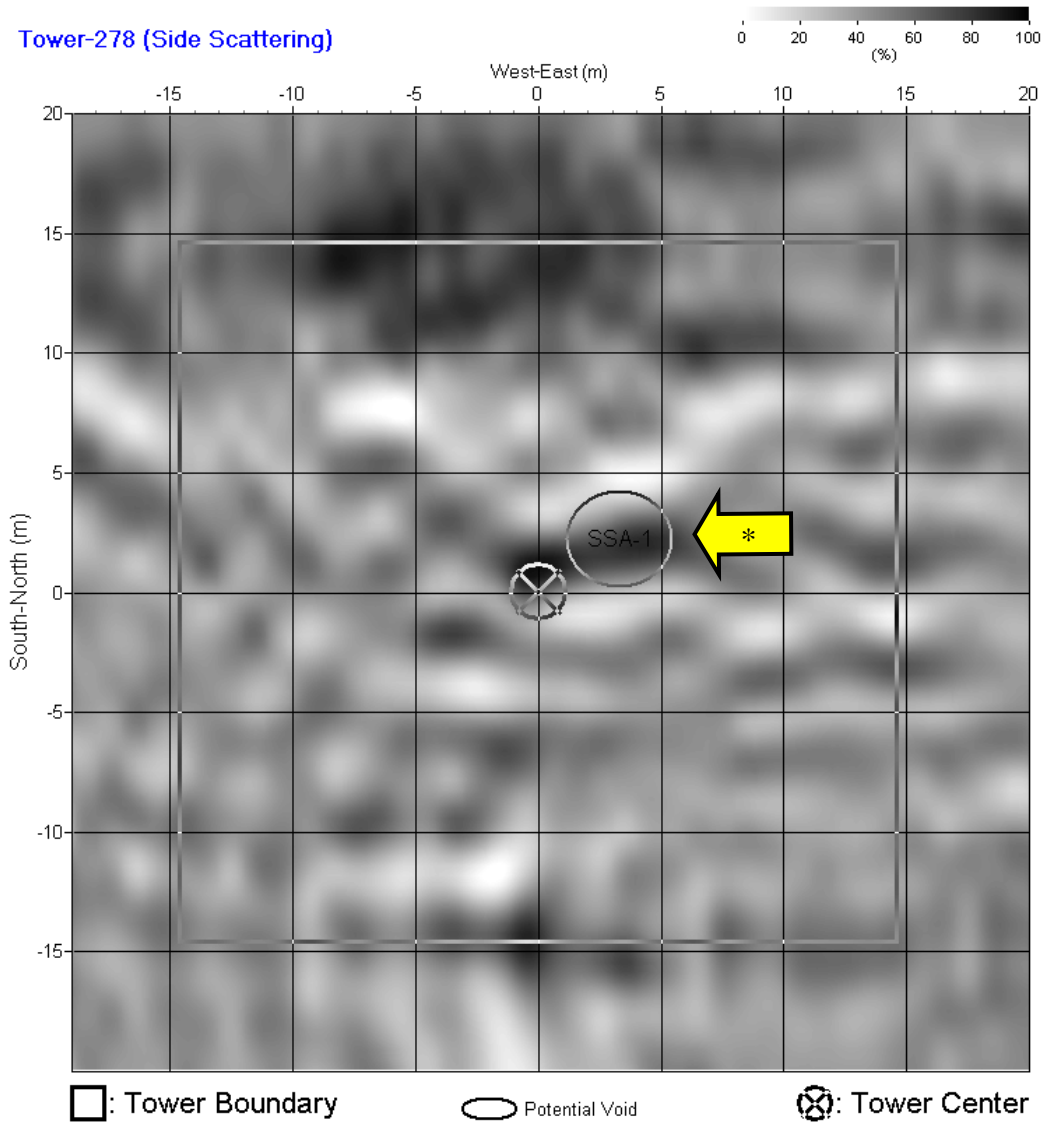


# T-277\*\*



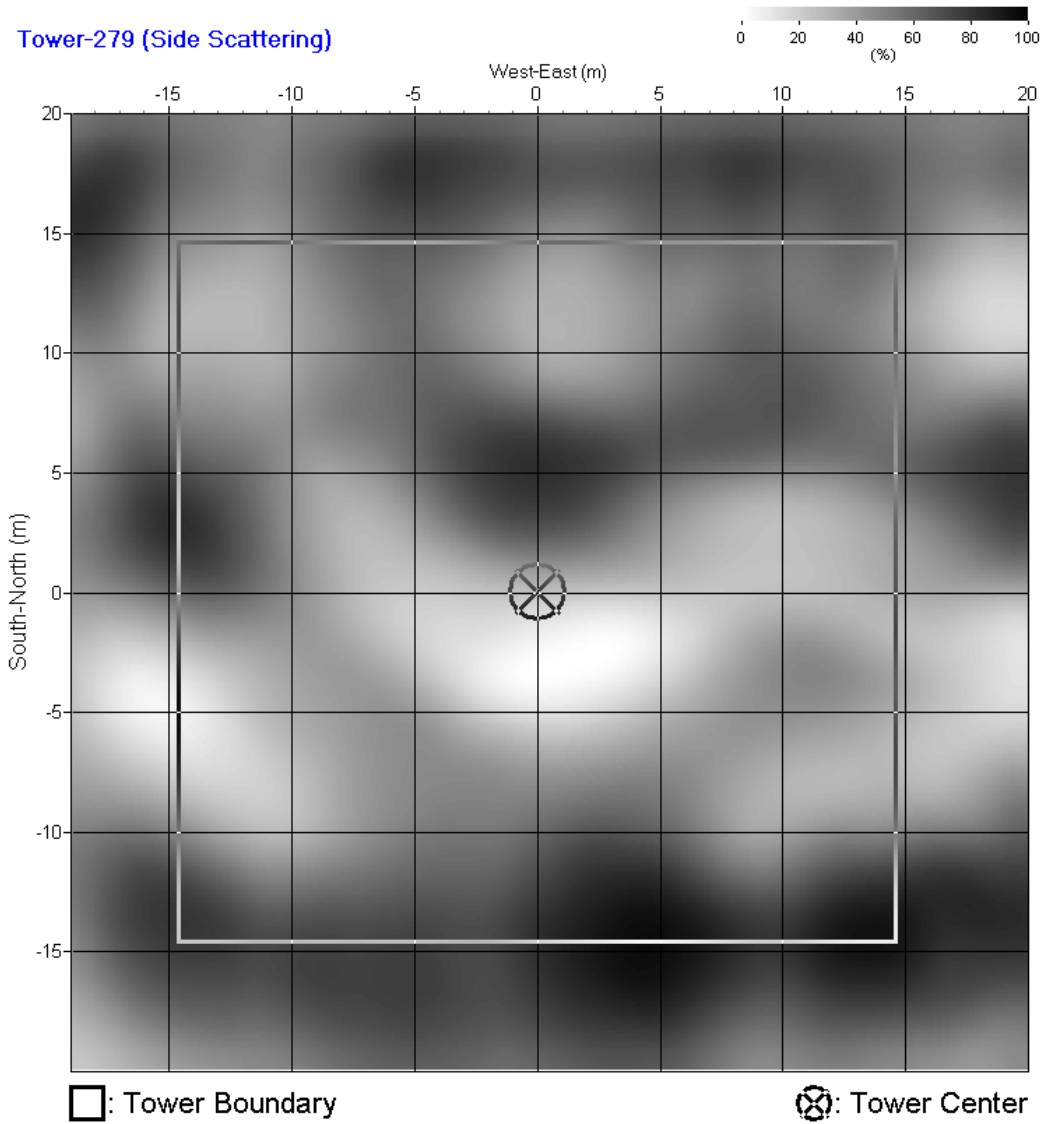
\*\*Data acquired for a limited (half) space in Line 4 due to terrain condition (seep drop off)

# T-278

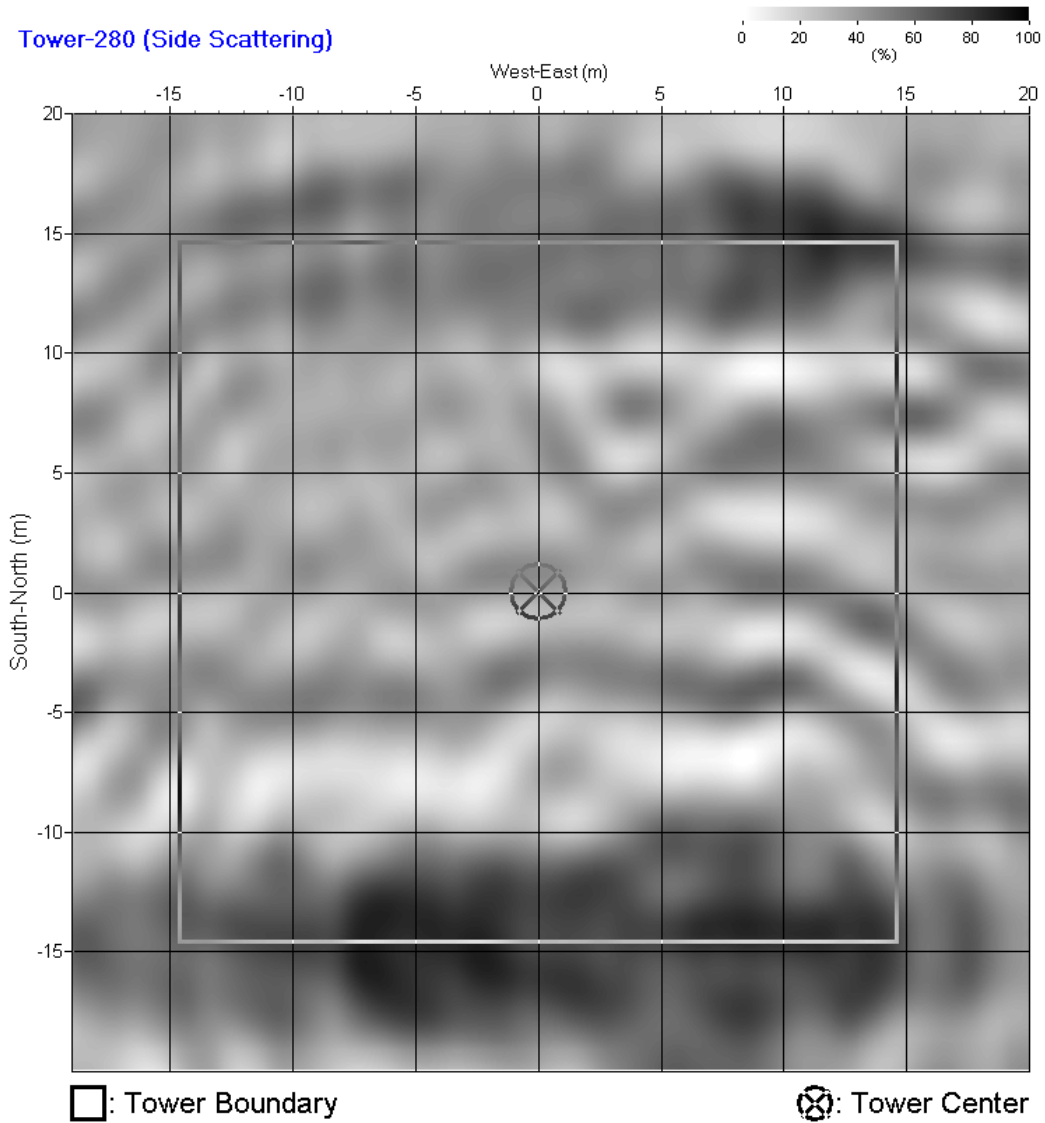


\*Potential void (see separate text file for coordinates)

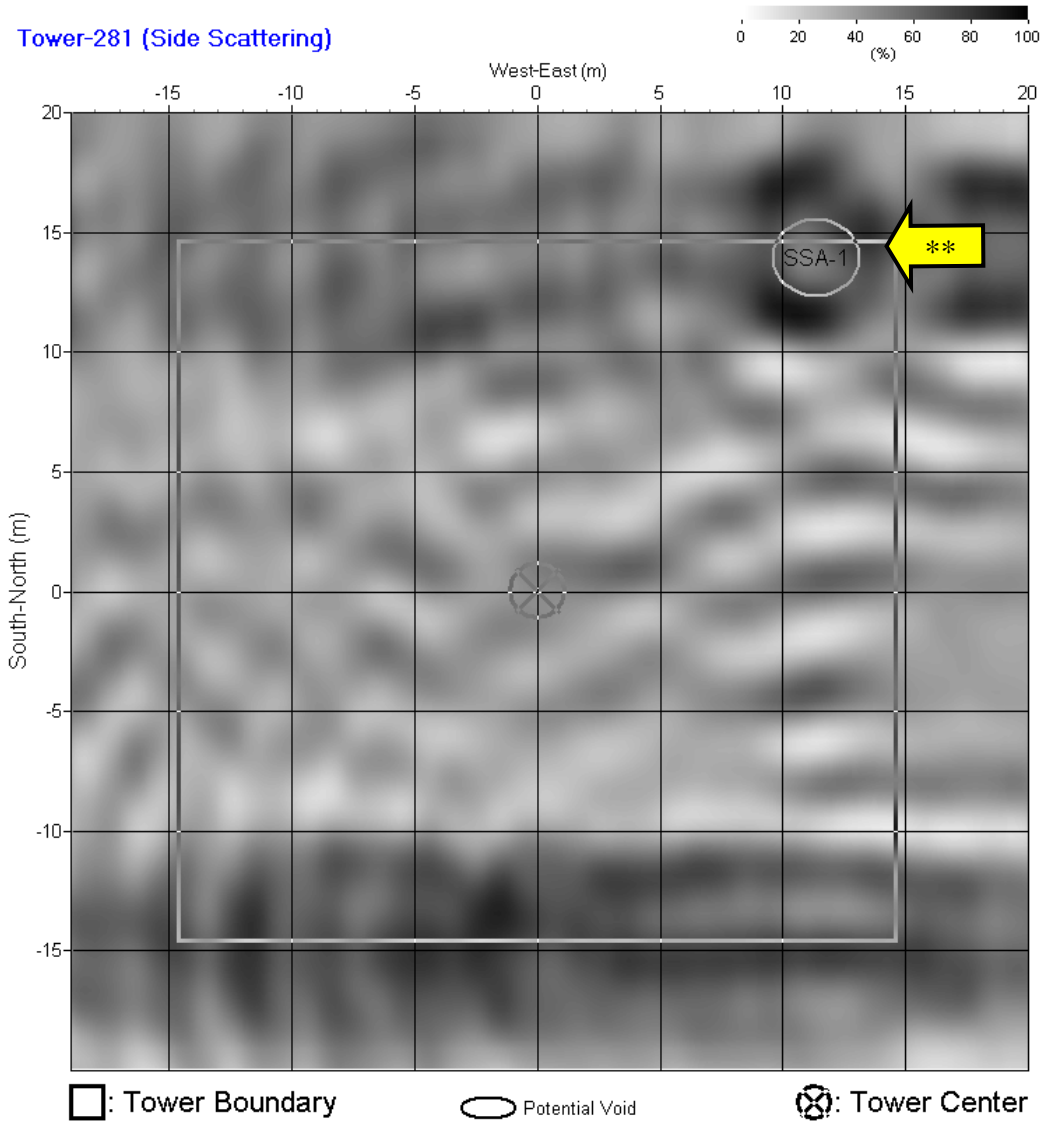
# T-279



# T-280

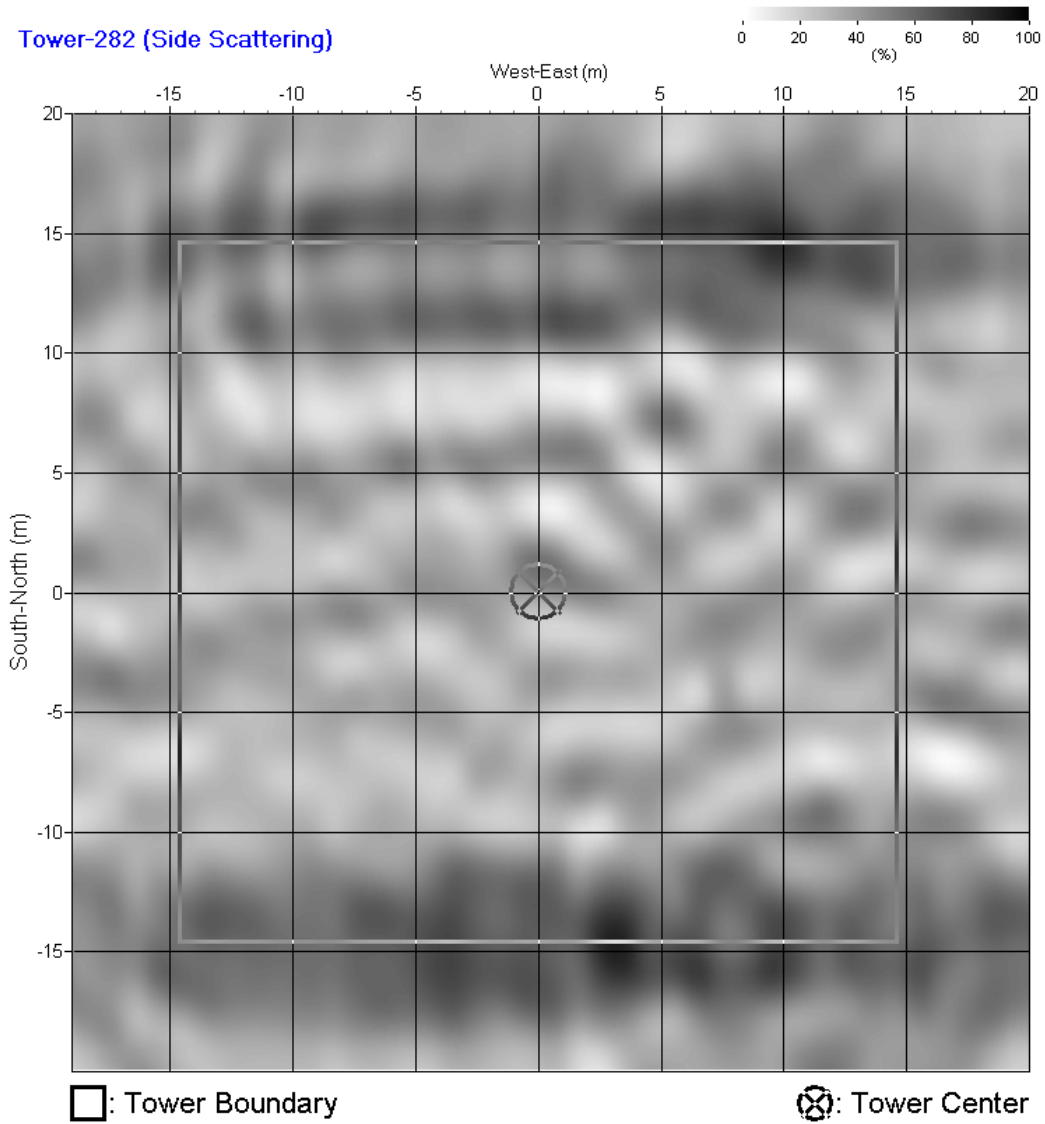


# T-281



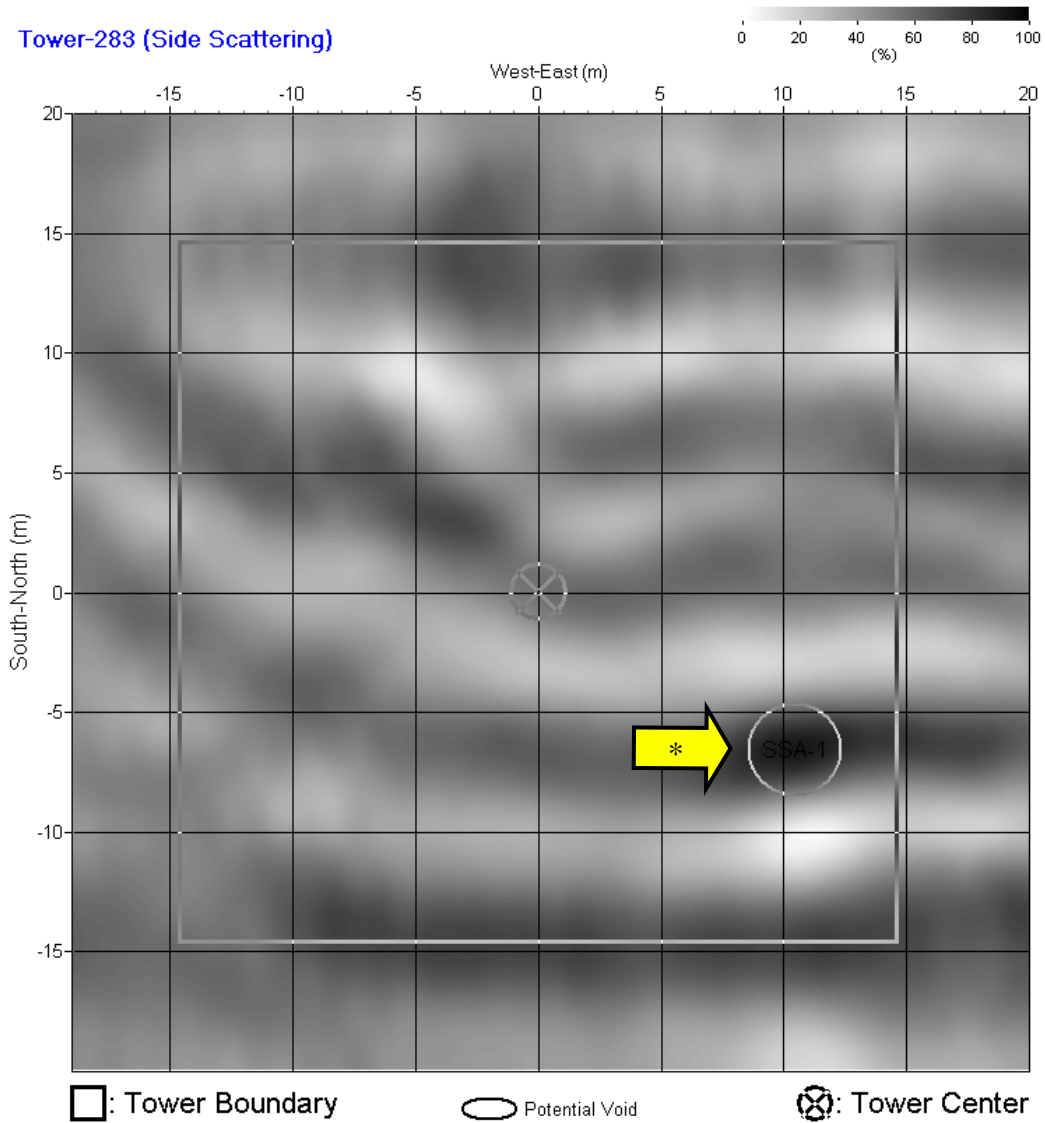
\*\*Potential void (see separate text file for coordinates)

# T-282





# T-283



\*Potential void (see separate text file for coordinates)

# T-284

