## Claims

What is claimed is:

1. A method comprising:

positioning a first antenna to a first selected position to receive a first signal from a second antenna, the second antenna comprising a second antenna energy absorbing material that functions to expand a beamwidth of the second antenna;

~~receiving, by the first antenna, the first signal from the second antenna;~~

detecting a first plurality of gains based on the first signal, each gain of the first plurality of gains being associated with a first different position of the first antenna relative to the second antenna;

repositioning the first antenna relative to the second antenna to a second selected position associated with ~~an~~ a first acceptable gain of the first plurality of gains based on the first signal;

removing at least some of the second antenna energy absorbing material from the second antenna to narrow the beamwidth of the second antenna;

~~receiving, by the first antenna, a second signal from the second antenna;~~

detecting a second plurality of gains based on ~~the~~ a second signal from the second antenna, each gain of the second plurality of gains associated with a second different position of the first antenna relative to the second antenna; and

repositioning the first antenna relative to the second antenna to a third selected position associated with ~~an~~ a first increased gain of the second plurality of gains based on the second signal, the first increased gain being greater than the first acceptable gain of the first plurality of gains based on the first signal.

2. The method of claim 1, wherein repositioning the first antenna relative to the second antenna to the second selected position associated with the first acceptable gain of the first plurality of gains based on the first signal comprises positioning the first antenna based on a first maximum gain ~~detected~~ of the first plurality of gains based on the first signal.

3. The method of claim 1, wherein detecting the first plurality of gains based on the first signal, each gain of the first plurality of gains associated with the first different position of the first antenna relative to the second antenna, comprises detecting the first plurality of gains associated with a plurality of different positions of the first antenna relative to the second

antenna until detection of the first acceptable gain, the first acceptable gain being above a first predetermined threshold.

4. The method of claim 1, further comprising measuring a voltage associated with the first signal to detect the first plurality of gains associated with a plurality of different positions of the first antenna relative to the second antenna.

5. The method of claim 1, wherein the second antenna energy absorbing material narrows an aperture of the second antenna to broaden the beamwidth of the second antenna.

6. The method of claim 1, wherein the second antenna energy absorbing material is adhered to the second antenna, and the removing the at least some of the second antenna energy absorbing material from the second antenna comprises peeling the at least some of the second antenna energy absorbing material from the second antenna.

7. The method of claim 1, wherein repositioning the first antenna relative to the second antenna to the third selected position associated with the first increased gain of the second plurality of gains based on the second signal, the first increased gain being greater than the first acceptable gain of the first plurality of gains based on the first signal, comprises repositioning the first antenna relative to the second antenna based on ~~the~~ a second maximum gain of the second plurality of gains based on the second signal.

8. The method of claim 1, wherein detecting the second plurality of gains based on the second signal, each gain associated with the second different position of the first antenna relative to the second antenna, comprises detecting the second plurality of gains associated with a plurality of different positions of the first antenna relative to the second antenna until detection of the first increased gain, the first increased gain being above a second predetermined threshold.

9. The method of claim 1, ~~the method~~ further comprising:

~~receiving, by the second antenna, a third signal from the first antenna;~~

detecting a third plurality of gains based on a third signal from the first antenna, each gain of the third plurality of gains associated with a first different position~~s~~ of the second antenna relative to the first antenna; and

repositioning the second antenna to a fourth selected position relative to the first antenna, ~~to adjust a detected gain of~~ the fourth selected position being associated with a second acceptable gain of the third plurality of gains based on the third signal.

10. The method of claim 9, wherein the first antenna comprises a first antenna energy absorbing material, ~~the method~~ further comprising:

removing at least some of the first antenna energy absorbing material from the first antenna to narrow a beamwidth of the first antenna;

~~receiving, by the second antenna, a fourth signal from the first antenna;~~

detecting a fourth plurality of gains based on ~~the~~ a fourth signal from the first antenna, each gain of the fourth plurality of gains associated with a second different position of the second antenna relative to the first antenna; and

repositioning the second antenna relative to the first antenna to a fifth selected position associated with ~~an~~ a second increased gain of the fourth plurality of gains based on the fourth signal, the second increased gain being greater than the second acceptable gain of the third plurality of gains based on the third signal.

11. The method of claim 1, wherein the third selected position is based in part on the second selected position.

12. A system comprising:

means for positioning a first antenna at a first selected position to receive a first signal from a second antenna, the second antenna comprising an energy absorbing material that functions to expand a beamwidth of the second antenna;

means for detecting a first plurality of gains based on the first signal, each gain of the first plurality of gains associated with a first different position of the first antenna relative to the second antenna;

means for repositioning the first antenna relative to the second antenna to a second selected position, the second selected position associated with a first acceptable gain of the first plurality of gains based on the first signal;

means for removing at least some of the energy absorbing material from the second antenna to narrow the beamwidth of the second antenna;

means for detecting a second plurality of gains based on a second signal from the second antenna, each gain of the second plurality of gains associated with a second different position of the first antenna relative to the second antenna; and

means for repositioning the first antenna relative to the second antenna to a third selected position, the third selected position associated with a first increased gain of the second plurality of gains based on the second signal, the first increased gain being greater than the first acceptable gain of the first plurality of gains based on the first signal.

13. The system of claim 12, wherein the means for repositioning the first antenna comprises means for repositioning the first antenna based on a first maximum gain of the first plurality of gains based on the first signal.

14. The system of claim 12, wherein the means for detecting the first plurality of gains comprises means for detecting the first plurality of gains associated with a plurality of different positions of the first antenna relative to the second antenna until detection of the first acceptable gain, the first acceptable gain being above a first predetermined threshold.

15. The system of claim 12, further comprising means for measuring a voltage associated with the first signal to detect the first plurality of gains associated with a plurality of different positions of the first antenna relative to the second antenna.

16. The system of claim 12, wherein the second antenna energy absorbing material narrows an aperture of the second antenna to broaden the beamwidth of the second antenna.

17. The system of claim 12, wherein the second antenna energy absorbing material is adhered to the second antenna, and the means for removing the at least some of the second antenna energy absorbing material from the second antenna comprises means for peeling the at least some of the second antenna energy absorbing material from the second antenna.

18. The system of claim 12, wherein the means for repositioning the first antenna comprises means for repositioning the first antenna relative to the second antenna based on a second maximum gain of the second plurality of gains based on the second signal.

19. The system of claim 12, wherein the means for detecting the second plurality of gains comprises means for detecting the second plurality of gains associated with a plurality of

different positions of the first antenna relative to the second antenna until detection of the first increased gain, the first increased gain being above a second predetermined threshold.

20. The system of claim 12, further comprising:

means for detecting a third plurality of gains based on a third signal from the first antenna, each gain of the third plurality of gains associated with a first different position of the second antenna relative to the first antenna; and

means for repositioning the second antenna to a fourth selected position relative to the first antenna, the fourth selected position being associated with a second acceptable gain of the third plurality of gains based on the third signal.

21. The system of claim 20, wherein the first antenna comprises a first antenna energy absorbing material, further comprising:

means for removing at least some of the first antenna energy absorbing material from the first antenna to narrow a beamwidth of the first antenna;

means for detecting a fourth plurality of gains based on a fourth signal from the first antenna, each gain of the fourth plurality of gains associated with a second different position of the second antenna relative to the first antenna; and

means for repositioning the second antenna relative to the first antenna to a fifth selected position associated with a second increased gain of the fourth plurality of gains based on the fourth signal, the second increased gain being greater than the second acceptable gain of the third plurality of gains based on the third signal.

22. The system of claim 12, wherein the third selected position is based in part on the second selected position.

~~11. A system comprising:~~

~~a first antenna configured to be positioned to receive a first signal from a second antenna, the first antenna comprising energy absorbing material, the energy absorbing material enabling expansion of a beamwidth of the first antenna, the first antenna configured to be repositioned relative to the second antenna based on an acceptable gain of the first signal, to be positioned to receive a second signal from the second antenna, at least some of the energy absorbing material being removed from the first antenna prior to reception of the second signal, the first antenna configured to be repositioned relative to the second antenna based on~~

an increased gain of the second signal, the increased gain being greater than the acceptable gain of the plurality of gains based on the first signal; and

a meter coupled to the first antenna and configured to determine if a detected gain of the first signal is greater than or equal to the acceptable gain and to determine if a detected gain of the second signal is greater than or equal to the increased gain.

12. The system of claim 11 wherein the first antenna configured to be repositioned relative to the second antenna based on the first signal comprises the first antenna configured to be repositioned relative to the second antenna by repositioning the first antenna based on a maximum gain of the first signal detected by the meter.

13. The system of claim 11 wherein the meter is configured to detect, based on the first signal, a plurality of gains, each gain being associated with the different position of the first antenna relative to the second antenna.

14. The system of claim 13 wherein the meter configured to detect, based on the first signal, the plurality of gains, each gain being associated with the different position of the first antenna relative to the second antenna comprises the meter configured to detect the plurality of gains associated with different positions of the first antenna relative to the second antenna until detection of the acceptable gain, the acceptable gain being above a first predetermined threshold.

15. The system of claim 11 wherein the energy absorbing material narrows an aperture of the first antenna to broaden the beamwidth of the first antenna.

16. The system of claim 11 wherein the energy absorbing material is adhered to the second antenna.

17. The system of claim 11 wherein the first antenna configured to be repositioned relative to the second antenna based on an increased gain of the second signal comprises the first antenna configured to be repositioned relative to the second antenna by repositioning the first antenna based on a maximum gain of the second signal detect by the meter.

18. The system of claim 17 wherein the meter configured to determine if a detected gain of the second signal is greater than or equal to the increased gain.

19. The system of claim 17 wherein the second antenna is configured to receive a third signal from the first antenna and to be repositioned relative to the first antenna to adjust a detected gain of the third signal.

20. A method comprising:

positioning a first antenna to receive a first signal from a second antenna, the first antenna comprising energy absorbing material that functions to expand beamwidth of the first antenna;

receiving, by the first antenna, the first signal from the second antenna;

detecting a plurality of gains based on the first signal, each gain associated with a different position of the first antenna relative to the second antenna;

repositioning the first antenna relative to the second antenna to a position associated with an acceptable gain of the plurality of gains based on the first signal;

removing at least some of the energy absorbing material from the first antenna to narrow the beamwidth of the first antenna;

receiving, by the first antenna, a second signal from the second antenna;

detecting a plurality of gains based on the second signal, each gain associated with a different position of the first antenna relative to the second antenna; and

repositioning the first antenna relative to the second antenna to a position associated with an increased gain of the plurality of gains based on the second signal, the increased gain being greater than the acceptable gain of the plurality of gains based on the first signal.

21. A system comprising:

a first antenna configured to be positioned to receive a first signal from a second antenna, the second antenna comprising energy absorbing material, the energy absorbing material enabling expansion of a beamwidth of the second antenna, the first antenna configured to be repositioned relative to the second antenna based on an acceptable gain of the first signal, to be positioned to receive a second signal from the second antenna, at least some of the energy absorbing material being removed from the second antenna prior to reception of the second

~~signal, the first antenna configured to be repositioned relative to the second antenna based on an increased gain of the second signal, the increased gain being greater than the acceptable gain of the plurality of gains based on the first signal; and~~

~~a meter coupled to the first antenna and configured to determine if a detected gain of the first signal is greater than or equal to the acceptable gain and to determine if a detected gain of the second signal is greater than or equal to the increased gain.~~