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To: Leann Nguyen
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Message:

There are two test scenarios.

In scenario 1, the antenna will be pointed straight up at a 90 deg elevation angle - azimuth angle in this case has no meaning.

In scenario 2, the antenna will be pointed at either the sun or the moon while transmitting in order to take G/T measurements to demonstrate that the transmitted signal does not impact the terminals G/T.

In scenario 2, the minimum operational elevation angle anticipated is 10 degrees and the maximum could reach 90 degrees. The azimuth angles range from 80 to 294 deg (0 deg = North).

If the NTIA finds that a potential problem exists for a given bearing or range of bearings below a certain elevation angle, we can exclude those angles, i.e., not transmit until the sun or moon has transited the problem area.

Regards,

Daryl