The requested changes are as follows:

**Page 3, line 70 (TS1):**

Please remove “and ±45◦” and “, respectively”.

Explanation: Because our description is incorrect. In Table S1, the typical values of the E and H planes are 35 (JARE37 to JARE54), while only the values of JARE 26 are 35 and 45, respectively. Therefore, we would like to correct the description to "the half-power beamwidth was typically 35 for the E and H planes." We would also like to delete the word "respectively" if the correction is accepted.

**P. 6, caption of Figure 2 (TS2) and p. 9, caption of Fig. 6 (TS3):**

Please change “dBi” to "dBm".

Explanation: Our description is incorrect. "dBi" is the unit used for radar antenna gain and was wrong here. "dBm" is the correct unit for power when 1 mW is defined as 0 dBm. Therefore, we would like to correct it to dBm.