Jupiter–Earth Path Loss due to Distance

Distance to Jupiter (AU) vs. Path Loss Relative to 4 AU (dB)
Jupiter–Earth Path Loss due to Distance

The graph illustrates the path loss in decibels relative to 4 AU as a function of distance to Jupiter. The data is shown for the years 2031 to 2043, with the distance to Jupiter ranging from 1 AU to 4 AU. The path loss fluctuates significantly over time, with peaks and troughs at specific intervals.
Jupiter–Earth Path Loss due to Distance

- Distance to Jupiter (AU)
- Path Loss Relative to 4 AU (dB)

Graph showing the distance to Jupiter over years from 2043 to 2055, with path loss on a logarithmic scale from 3.5 to 7.0 dB. The graph indicates periodic variations in path loss due to the distance from Jupiter.
Jupiter–Earth Path Loss due to Distance

Year

Distance to Jupiter (AU)

Path Loss Relative to 4 AU (dB)
Jupiter–Earth Path Loss due to Distance

Distance to Jupiter (AU)

Year

Path Loss Relative to 4 AU (dB)
Jupiter–Earth Path Loss due to Distance

![Path Loss Graph](image-url)
Jupiter–Earth Path Loss due to Distance

- Distance to Jupiter (AU)
- Path Loss Relative to 4 AU (dB)

Year
2023 2024 2025 2026 2027

Path Loss Relative to 4 AU (dB)
-6 -5 -4 -3 -2 -1 0 1
Jupiter–Earth Path Loss due to Distance

Graph showing the relationship between Distance to Jupiter (AU) and Path Loss Relative to 4 AU (dB) from 2027 to 2031.
Jupiter–Earth Path Loss due to Distance

Distance to Jupiter (AU)

Path Loss Relative to 4 AU (dB)

Year
Jupiter–Earth Path Loss due to Distance

The graph shows the distance to Jupiter (AU) on the x-axis and the path loss relative to 4 AU (dB) on the y-axis. The data fluctuates between 2035 and 2039, with a periodic pattern indicating the varying distance and associated path loss.
Jupiter–Earth Path Loss due to Distance

![Graph showing the relationship between distance to Jupiter (AU) and path loss relative to 4 AU (dB) over the years 2039 to 2043. The graph depicts periodic fluctuations in path loss with respect to distance.]
Jupiter–Earth Path Loss due to Distance

Path Loss Relative to 4 AU (dB)

Distance to Jupiter (AU)

Year

2043 2044 2045 2046 2047

3.5 4.0 4.5 5.0 5.5 6.0 6.5 7.0
Jupiter–Earth Path Loss due to Distance

- Distance to Jupiter (AU)
- Path Loss Relative to 4 AU (dB)
- Year

Graph showing the path loss relative to 4 AU for Jupiter–Earth distances from 2047 to 2051.
Jupiter–Earth Path Loss due to Distance

The graph depicts the distance to Jupiter (in AU) and the path loss relative to 4 AU (in dB) over the years 2051 to 2055. The path loss oscillates periodically due to the changing distance between Jupiter and Earth.