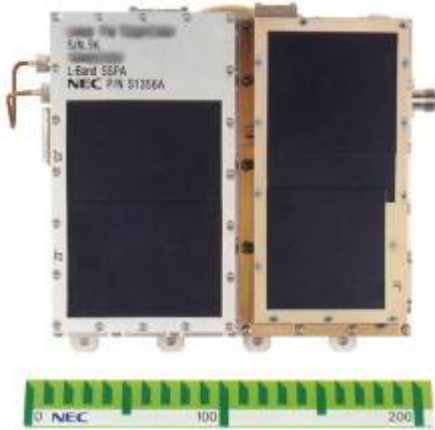


High Linearity SSPA Line Up

L-band 40W SSPA



Main Characteristics

- o Operational Frequency Range: 1525 – 1559MHz
- o High power and High gain.
- o Output Power : 24W min. at NPR 16dB.
- o Gain : 91.5dB min.
- o L-band SSPA consists of the Low Power Section (LPS), High Power Section (HPS) and dedicated power supply (EPC).
- o L-band SSPA has the gain control function over 15.5dB 0.5dB step
- o L-band SSPA output Output power monitor telemetry, Bus input current telemetry, Temperature telemetry, ON/OFF status telemetry and Gain status telemetry.

L-band 55W SSPA



Main Characteristics

- o Operational Frequency Range: 1540 – 1580MHz
- o High power and High gain.
- o Output Power : 55W min.
- o Gain : 61dB min.
- o L-band SSPA consists of the Low Power Section (LPS), High Power Section (HPS) and dedicated power supply (EPC),
- o L-band SSPA has low phase shift and high linearity using linearizer.
- o Phase shift: 10deg at saturation point (2dB compression).
- o C/3IM: -18dB at saturation point.
- o L-band SSPA output Output power monitor telemetry, Bus input current telemetry and Temperature telemetry