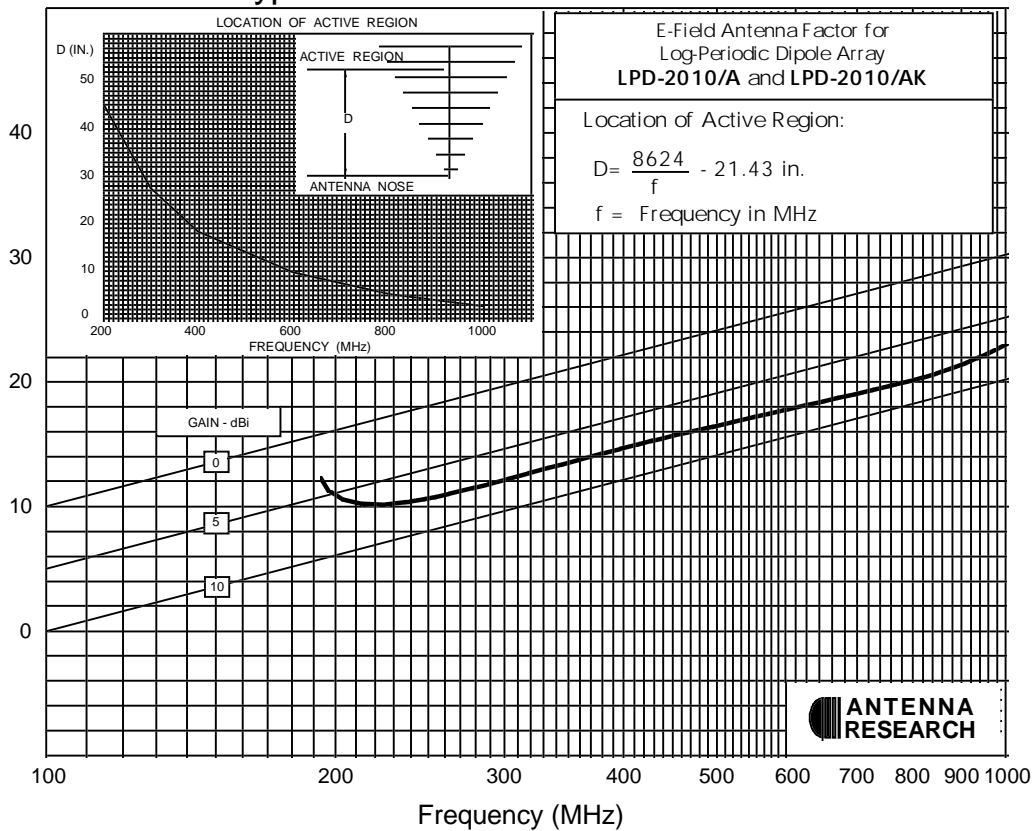


LPD - 2010/A - Typical Antenna Factor and Gain



| LPD-118 | | | |
|--|---------------------------|------------|---------------|
| Antenna Factor, Gain and Power required for 10 V/m field strength at 1 m | | | |
| Frequency (GHz) | AFE (dB m ⁻¹) | Gain (dBi) | Power (Watts) |
| 1 | 23.4 | 6.7 | .69 |
| 2 | 31.2 | 5.0 | 1.04 |
| 3 | 33.8 | 6.0 | .84 |
| 4 | 34.3 | 8.0 | .53 |
| 5 | 37.1 | 7.2 | .65 |
| 6 | 37.2 | 8.6 | .46 |
| 7 | 38.9 | 8.2 | .50 |
| 8 | 40.1 | 8.2 | .51 |
| 9 | 39.7 | 9.6 | .36 |
| 10 | 40.9 | 9.3 | .39 |
| 11 | 42.5 | 8.6 | .46 |
| 12 | 43.3 | 7.9 | .47 |
| 13 | 44.7 | 7.8 | .55 |
| 14 | 44.1 | 9.0 | .41 |
| 15 | 45.3 | 8.5 | .48 |
| 16 | 45.5 | 8.8 | .44 |
| 17 | 47.3 | 7.6 | .59 |
| 18 | 50.5 | 4.9 | 1.09 |

| LPD-2010/A | | | |
|--|---------------------------|------------|---------------|
| Antenna Factor, Gain and Power required for 10 V/m field strength at 3 m | | | |
| Frequency (MHz) | AFE (dB m ⁻¹) | Gain (dBi) | Power (Watts) |
| 200 | 9.0 | 7.2 | 5.7 |
| 250 | 10.5 | 7.6 | 5.1 |
| 300 | 11.6 | 8.1 | 4.6 |
| 400 | 13.9 | 8.3 | 4.4 |
| 500 | 15.5 | 8.7 | 4.0 |
| 600 | 17.3 | 8.4 | 4.2 |
| 700 | 19.2 | 7.9 | 4.8 |
| 850 | 20.1 | 8.7 | 4.0 |
| 1000 | 22.4 | 7.8 | 4.9 |



← LPD-118