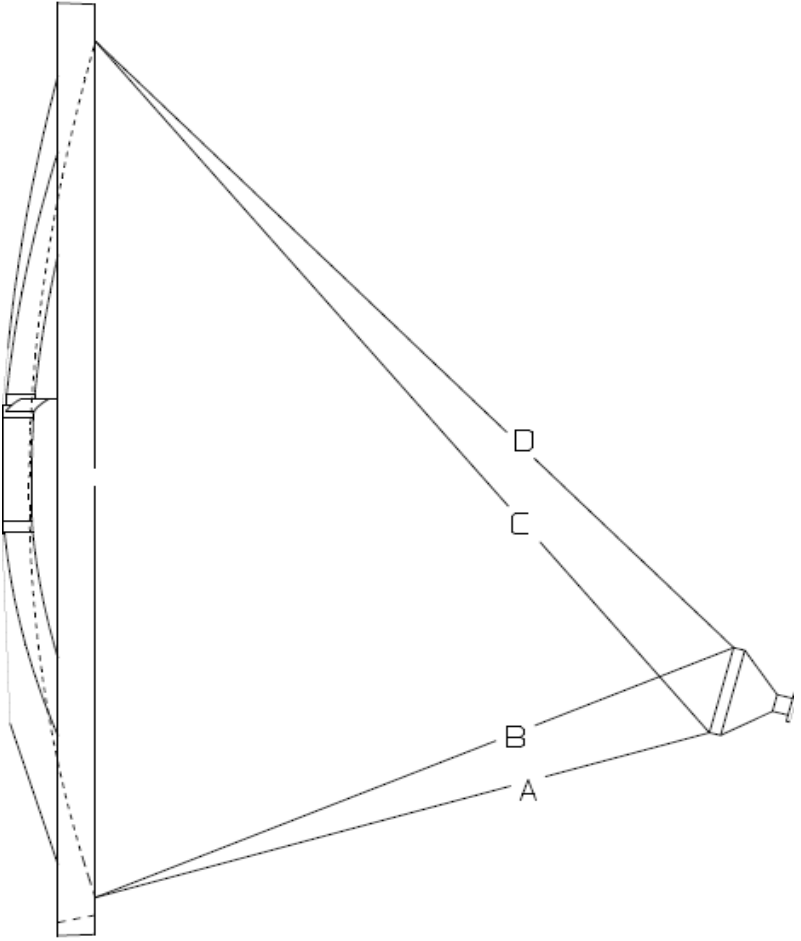


General Dynamics Satcom Technologies  
Antenna Feed Location Dimensions  
TD0641  
07May2014-Revision N

| Antenna      | Frequency | A     | B     | C      | D      | Tolerance | Feed Dia.   |
|--------------|-----------|-------|-------|--------|--------|-----------|-------------|
| 67cm         | Ku-Band   | tbd   | tbd   | tbd    | tbd    | ±0.25     | 5.76"       |
|              | Ka-Band   | 19.58 | 20.96 | 28.40  | 27.21  | ±0.12     | 2.43"       |
|              | Ka-Band   | 19.84 | 21.01 | 28.48  | 27.47  | ±0.12     | 2.11"       |
| 74cm SMC     | Ku-Band   | 23.29 | 24.98 | 29.83  | 28.41  | ±0.25     | 3.70"x1.80" |
| 74cm Metal   | Ku-Band   | 18.92 | 20.92 | 27.93  | 26.02  | ±0.25     | 3.70"x1.80" |
|              | Ka-Band   | 18.78 | 20.14 | 27.17  | 26.01  | ±0.12     | 2.35"x3.30" |
| 89cm         | Ku-Band   | 25.66 | 28.74 | 38.15  | 35.12  | ±0.25     | 5.76"       |
|              | Ka-Band   | 28.21 | 29.45 | 39.05  | 37.83  | ±0.12     | 2.43"       |
|              | Ka-Band   | 28.43 | 29.49 | 39.10  | 38.05  | ±0.12     | 2.11"       |
| 98cm         | Ku-Band   | 25.29 | 28.64 | 39.78  | 36.54  | ±0.25     | 5.76"       |
|              | Ka-Band   | 27.99 | 29.31 | 40.77  | 39.46  | ±0.12     | 2.43"       |
|              | Ka-Band   | 28.21 | 29.35 | 40.81  | 39.68  | ±0.12     | 2.11"       |
| 120cm 0.6f/d | Ku-Band   | 26.00 | 29.88 | 48.88  | 45.75  | ±0.25     | 5.23"       |
|              | Ku-Band   | 27.00 | 29.12 | 48.63  | 47.00  | ±0.25     | 2.95"       |
| 120cm 0.8f/d | Ku-Band   | 33.72 | 36.97 | 51.54  | 48.28  | ±0.25     | 5.76"       |
|              | Ka-Band   | 36.51 | 37.83 | 52.66  | 51.36  | ±0.12     | 2.43"       |
|              | Ka-Band   | 36.72 | 37.87 | 52.71  | 51.57  | ±0.12     | 2.11"       |
| 180cm 0.6f/d | C-Band    | 38.19 | 44.12 | 71.63  | 67.75  | ±0.50     | 7.90"       |
|              | Ku-Band   | 40.11 | 44.11 | 72.01  | 69.31  | ±0.25     | 5.23"       |
|              | Ku-Band   | 41.75 | 43.88 | 72.13  | 70.56  | ±0.25     | 2.95"       |
| 180cm 0.8f/d | C-Band    | 52.12 | 56.38 | 73.06  | 77.25  | ±0.50     | 7.90"       |
|              | Ku-Band   | 53.31 | 56.13 | 77.56  | 74.75  | ±0.25     | 5.76"       |
|              | Ka-Band   | 55.38 | 56.63 | 78.83  | 77.47  | ±0.12     | 2.43"       |
|              | Ka-Band   | 55.59 | 56.68 | 78.87  | 77.69  | ±0.12     | 2.11"       |
| 240cm 0.6f/d | C-Band    | 53.18 | 58.88 | 98.00  | 93.88  | ±0.50     | 7.90"       |
|              | Ku-Band   | 55.50 | 59.40 | 99.18  | 96.44  | ±0.25     | 5.23"       |
|              | Ku-Band   | 56.88 | 59.06 | 97.75  | 96.25  | ±0.25     | 2.95"       |
| 240cm 0.8f/d | C-Band    | 70.92 | 75.38 | 105.33 | 101.16 | ±0.50     | 7.90"       |
|              | Ku-Band   | 72.55 | 75.95 | 105.78 | 102.95 | ±0.25     | 5.76"       |
|              | Ka-Band   | 75.37 | 76.67 | 106.63 | 105.33 | ±0.12     | 2.43"       |
|              | Ka-Band   | 75.59 | 76.72 | 106.68 | 105.56 | ±0.12     | 2.11"       |
| 380cm        | C-Band    | 85.50 | 91.12 | 151.75 | 147.88 | ±0.50     | 7.90"       |
|              | C-Band F1 | 85.08 | 90.73 | 152.75 | 148.68 | ±0.50     | 7.54"       |
|              | X-Band    | 86.63 | 91.13 | 153.03 | 149.41 | ±0.38     | 6.30"       |
|              | Ku-Band   | 87.15 | 90.88 | 152.88 | 149.88 | ±0.25     | 5.23"       |

- Notes:
1. Dimensions shown are in inches
  2. Tolerance shown is for reference only.



Reference Dimension Locations