

FCC ID: A3LSMF741U

Antenna

- Manufacturer for Main Antenna: SAMSUNG

- Type: Metal

| Band | | B71/n71 | B12/B17/n12 | B13 | B14 | G850/W5/B5/B26/n5/n26 | n70 | W4/B4/B66/n66 | G1900/W2/B2/B25/n2/n25 |
|------------------|-----------------|---------|-------------|------|------|-----------------------|------|---------------|------------------------|
| Ant A (Main1) | Peak Gain (dBi) | -4.5 | -4.0 | -4.0 | -4.0 | -4.5 | -1.5 | -1.5 | -0.2 |
| | Avg Gain (dBi) | -7.0 | -6.5 | -6.5 | -6.5 | -6.5 | -5.0 | -5.0 | -4.5 |

| Band | | B30/n30 | B7/n7 | B38 | B41 | n38(TX Hopping) | n41(SRS2) |
|------------------|-----------------|---------|-------|------|------|-----------------|-----------|
| Ant B (Main2) | Peak Gain (dBi) | -1.5 | -1.0 | -1.0 | -1.0 | -1.0 | -1.0 |
| | Avg Gain (dBi) | -6.5 | -7.0 | -7.0 | -7.0 | -7.0 | -7.0 |

| Band | | n41(SRS4) | n48(SRS4) | n77/n78(SRS4) |
|------------------|-----------------|-----------|-----------|---------------|
| Ant C (Main3) | Peak Gain (dBi) | -3.5 | -1.5 | -1.5 |
| | Avg Gain (dBi) | -10.0 | -6.5 | -6.5 |

| Band | | n48(SRS3) | n77/n78(SRS3) |
|-----------------|-----------------|-----------|---------------|
| Ant E (Sub1) | Peak Gain (dBi) | -3 | -3 |
| | Avg Gain (dBi) | -9 | -9 |

| Band | | n41(SRS3) | B48/n48 | n77/n78 |
|-----------------|-----------------|-----------|---------|---------|
| Ant F (Sub2) | Peak Gain (dBi) | -1.2 | -0.9 | -0.8 |
| | Avg Gain (dBi) | -6.5 | -5.5 | -5.5 |

| Band | | n38 | n41 | n48(SRS2) | n77/n78(SRS2) | n70(TX Hopping) | B4/B66/n66(TX Hopping) | B2/B25/n2/n25(TX Hopping) | B30/n30(TX Hopping) | B7/n7(TX Hopping) | B38(TX Hopping) | B41(TX Hopping) |
|-----------------|-----------------|------|------|-----------|---------------|-----------------|------------------------|---------------------------|---------------------|-------------------|-----------------|-----------------|
| Ant I (Sub5) | Peak Gain (dBi) | -2.5 | -2.5 | -2 | -2 | -2.5 | -2.5 | -2 | -2.5 | -2.5 | -2.5 | -2.5 |
| | Avg Gain (dBi) | -7 | -7 | -8 | -8 | -7.5 | -7 | -7 | -7.5 | -7 | -7 | -7 |