

Appendix C. Antenna List

1. Table for Filed Antenna

| Ant. | Brand | Model Name | Antenna Type | Connector | Antenna Gain (dBi) | | Loss of External Cable (dB) | Antenna Total Gain (dBi) |
|------|----------|--------------------|------------------|--------------|--------------------|--------|-----------------------------|--------------------------|
| 1 | Symbol | ML-2452-APA2-01 | Dipole Antenna | Reversed-SMA | 2.4GHz | 3 | 0.65 | 2.35 |
| | Symbol | ML-2452-APA2-01 | Dipole Antenna | Reversed-SMA | 5GHz | 4 | 1.42 | 2.58 |
| 2 | WNC | AP650 | Embedded Antenna | I-PEX | 2.4GHz | 2 | - | 2 |
| | WNC | AP650 | Embedded Antenna | I-PEX | 5GHz | 3.42 | - | 3.42 |
| 3 | Symbol | ML-2499-SD3-01R | Patch Antenna | RP-BNC Male | 2.4GHz | 3.5 | 0.65 | 2.85 |
| | Symbol | ML-5299-PTA1-01R | Patch Antenna | RP-SMA Male | 5GHz | 3 | 1.42 | 1.58 |
| 4 | Symbol | ML-2499-HPA3-01R | Omni Antenna | RP-BNC Male | 2.4GHz | 3.3 | 0.65 | 2.65 |
| | Symbol | ML-5299-HPA1-01R | Omni Antenna | RP-SMA Male | 5GHz | 4.2 | 1.42 | 2.78 |
| 5 | Symbol | ML-2452-PNA5-01R | Panel Antenna | N Type Male | 2.4GHz | 4.5 | 1.54 | 2.96 |
| | Symbol | ML-2452-PNA5-01R | Panel Antenna | N Type Male | 5GHz | 5 | 2.23 | 2.77 |
| 6 | Symbol | ML-2452-PTA3M3-036 | Omni Antenna | RP-SMA Male | 2.4GHz | 3.08 | 0.65 | 2.43 |
| | Symbol | ML-2452-PTA3M3-036 | Omni Antenna | RP-SMA Male | 5GHz | 5.03 | 1.42 | 3.61 |
| 7 | Motorola | ML-5299-FHPA10-01R | Dipole Antenna | N MALE | 5GHz | 10.875 | 1.42 | 9.455 |
| 8 | Motorola | ML-2499-11PNA2-01R | Sector, panel | RBNC-M | 2.4GHz | 10.5 | 1.3 | 9.2 |
| 9 | Motorola | ML-2499-FHPA9-01R | Dipole Antenna | N MALE | 2.4GHz | 10 | 0.65 | 9.35 |