

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)
					2.4GHz	5GHz		
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