

Portable-Laptop (Lenovo Antenna Specs-PIFA)

1. Antenna- CAN4313705022701B

	Orig Gain 2400-2483MHz 3.24 (Nominal-PIFA)/ 3 (Dipole)	New Gain 2400-2483MHz	Orig Gain 5150-5250MHz 3.64 (Nominal-PIFA)/ 5 (Dipole)	New Gain 5150-5250MHz	Orig Gain 5250-5350MHz 3.75 (Nominal-PIFAI)/ 5 (Dipole)	New Gain 5250-5350MHz	Orig Gain 5470-5725MHz 4.77 (Nominal-PIFA)/ 5 (Dipole)	New Gain 5470-5725MHz	Orig Gain 5725-5850MHz 4.97(Nominal-PIFAI)/ 5 (Dipole)	New Gain 5725-5850MHz
TX1		1.23		1.26		1.26		0.38		0.79
TX2		1.55		2.01		2.01		1.17		1.23
TX3		1.82		-0.67		-0.67		-0.22		-0.6

2. Antenna- CAN4313706022701B

	2400-2483MHz	5150-5250MHz	5250-5350MHz	5470-5725MHz	5725-5850MHz
TX1	2.59	0.05	0.05	0.38	1.43
TX2	1.01	0.36	0.36	0.37	2.06
TX3	0.83	1.71	1.71	0.65	-0.24

3. Antenna- CPL07-230010 (MIMO- Smart)

	2400-2483MHz	5150-5250MHz	5250-5350MHz	5470-5725MHz	5725-5850MHz
TX1	3.46	3.3	3.3	2.75	2.31
TX2	2.73	2.77	2.77	1.34	0.29
TX3	-1.61	0.69	0.69	-0.59	-1.08

4. Antenna- CPL07-230000 (MIMO- Smart)

	2400-2483MHz	5150-5250MHz	5250-5350MHz	5470-5725MHz	5725-5850MHz

TX1	-0.65	0.88	0.88	1.67	1.65
TX2	0.17	0.38	0.38	0.36	0.93
TX3	-0.66	-2.92	-2.92	-2.68	-2.69