



L29E-B Project Antenna

Customer's product name:L29E-B

Product Name: LDS antenna

Shenzhen Yu Sheng communication equipment Co., LTD

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Main antenna efficiency

Freq	Effi (%)	Gain (dbi)
680MHZ	4.6	-12.2
700MHZ	5.0	-12.1
720MHZ	5.1	-11.8
740MHZ	6.2	-11.5
760MHZ	6.1	-11.2
780MHZ	6.8	-10.5
800MHZ	7.6	-9.5
820MHZ	7.9	-8.4
840MHZ	7.5	-8.3
860MHZ	8.2	-7.9
880MHZ	9.5	-8.2
900MHZ	9.3	-7.8
920MHZ	8.9	-7.6
940MHZ	9.0	-7.7
960MHZ	8.2	-7.8
1700MHZ	13.2	-4.3
1750MHZ	14.0	-4.5

Freq	Effi (%)	Gain (dbi)
1800MHZ	14.2	-4.6
1850MHZ	15.2	-4.3
1900MHZ	15.7	-4.5
1950MHZ	14.9	-4.1
2000MHZ	15.2	-3.9
2050MHZ	15.6	-3.8
2100MHZ	14.7	-3.7
2150MHZ	15.0	-3.6
2200MHZ	15.2	-4.0
2250MHZ	15.2	-4.1
2300MHZ	15.0	-4.2
2350MHZ	15.3	-4.3
2400MHZ	14.6	-3.8
2450MHZ	15.1	-3.9
2500MHZ	14.6	-4.0
2550MHZ	13.5	-4.1
2600MHZ	14.6	-4.2
2650MHZ	13.9	-4.1
2700MHZ	14.2	-4.2

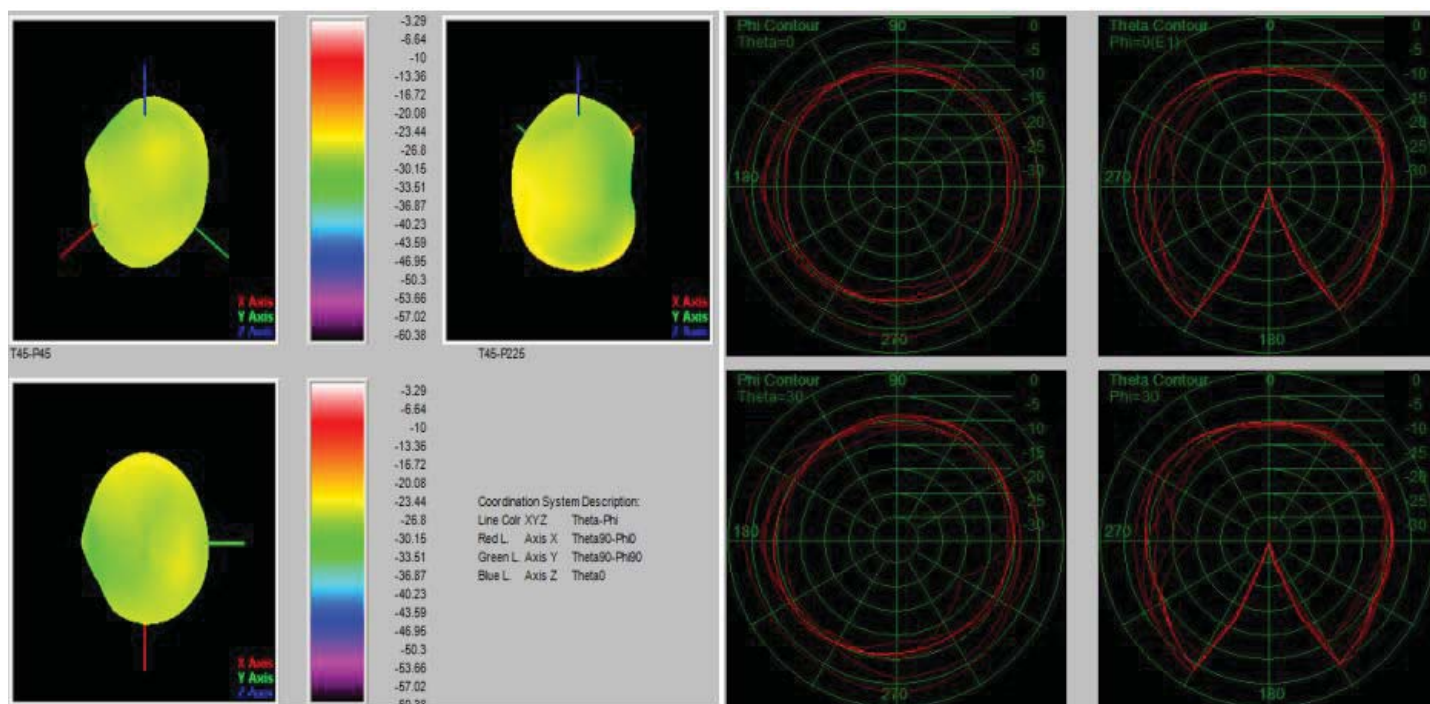
Passive Parameters

2.4G WIFI antenna efficiency

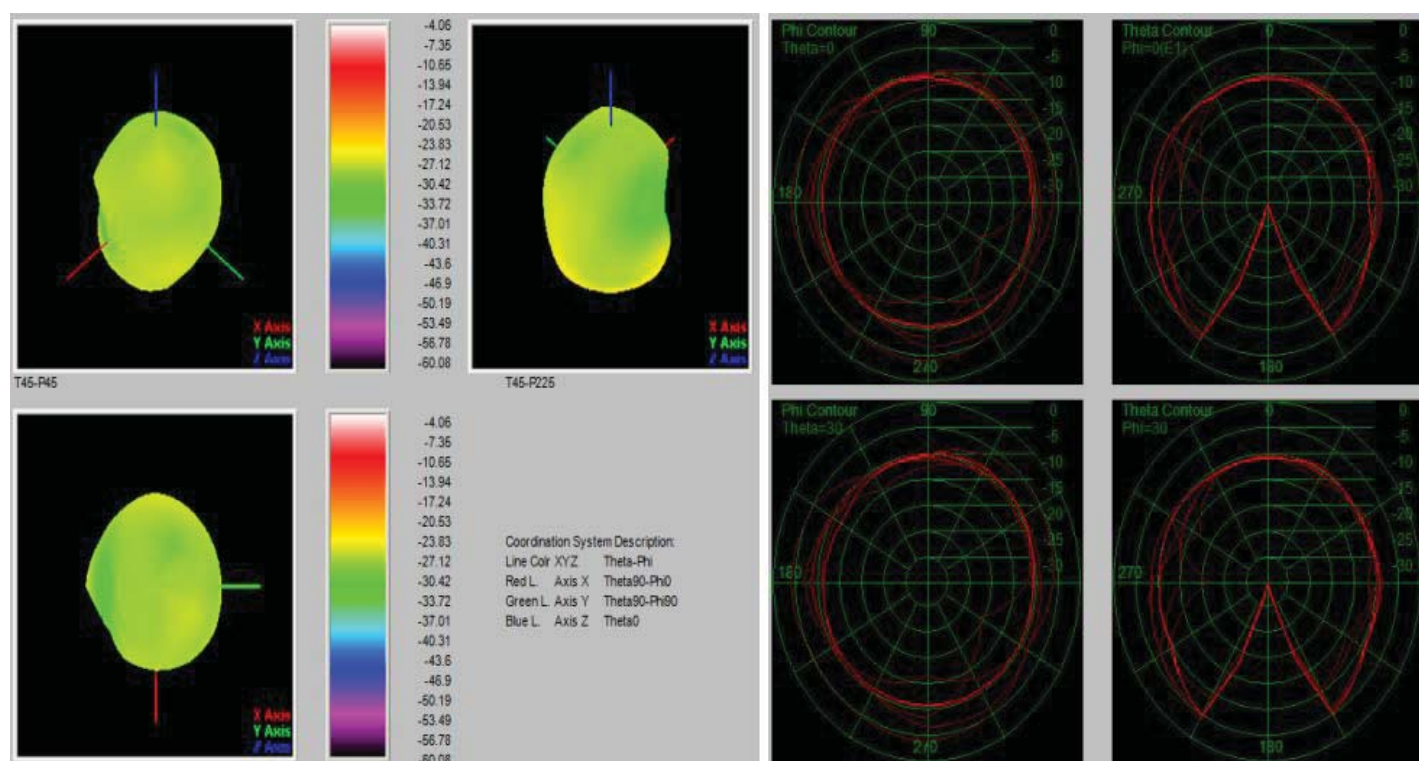
Freq (Mhz)	Effi (%)	Gain (dbi)
1550MHZ	9.6	-4.2
1555MHZ	10.5	-4.6
1560MHZ	11.6	-4.7
1565MHZ	12.5	-4.5
1570MHZ	12.9	-4.3
1575MHZ	12.0	-4.2
1580MHZ	11.8	-4.6
1585MHZ	10.9	-4.1
1550MHZ	9.6	-4.3
1555MHZ	10.5	-4.2
1560MHZ	11.6	-4.1

Freq (Mhz)	Effi (%)	Gain (dbi)
2400MHZ	10.3	-3.9
2410MHZ	11.2	-3.8
2420MHZ	11.3	-3.9
2430MHZ	12.5	-3.7
2440MHZ	13.5	-3.8
2450MHZ	14.4	-3.6
2460MHZ	13.8	-4.0
2470MHZ	12.9	-4.1
2480MHZ	11.8	-4.3
2490MHZ	11.2	-4.5
2500MHZ	10.2	-4.4

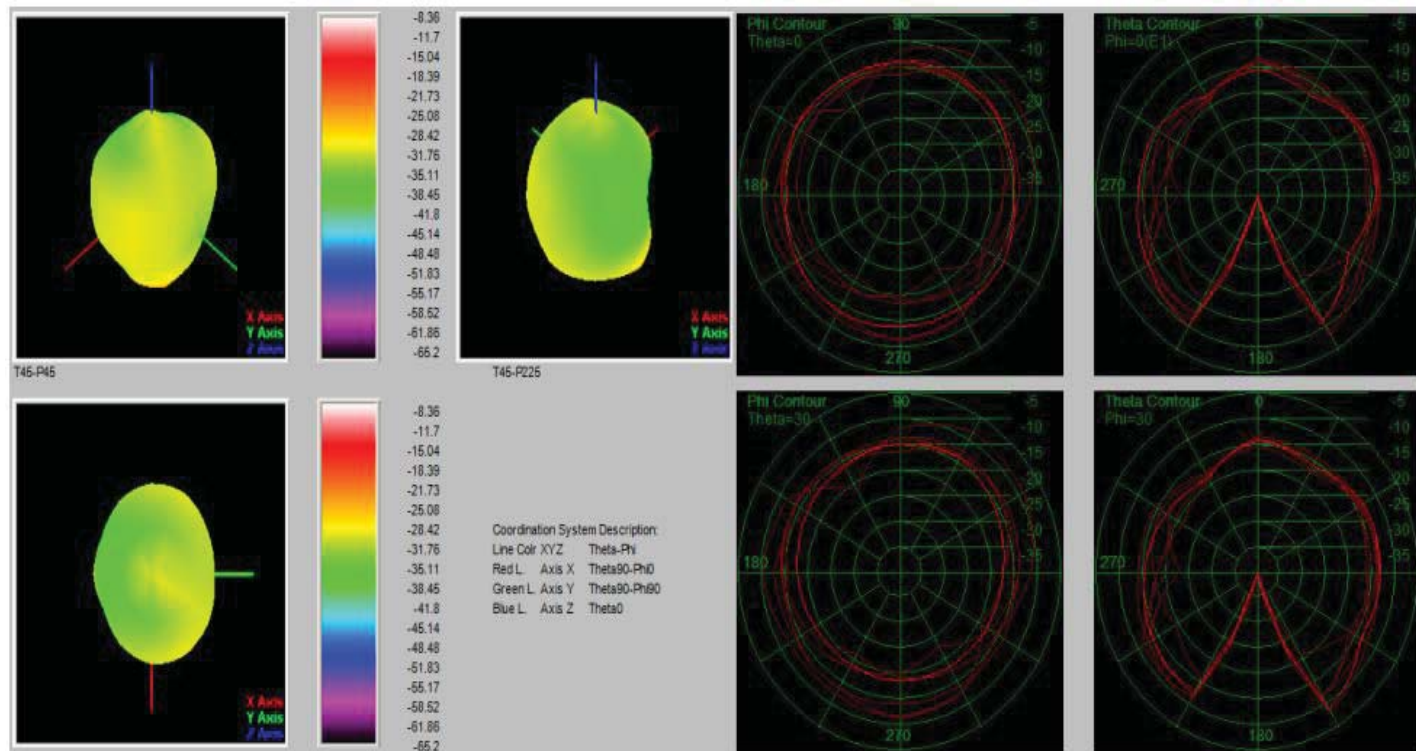
Directional diagram - B1



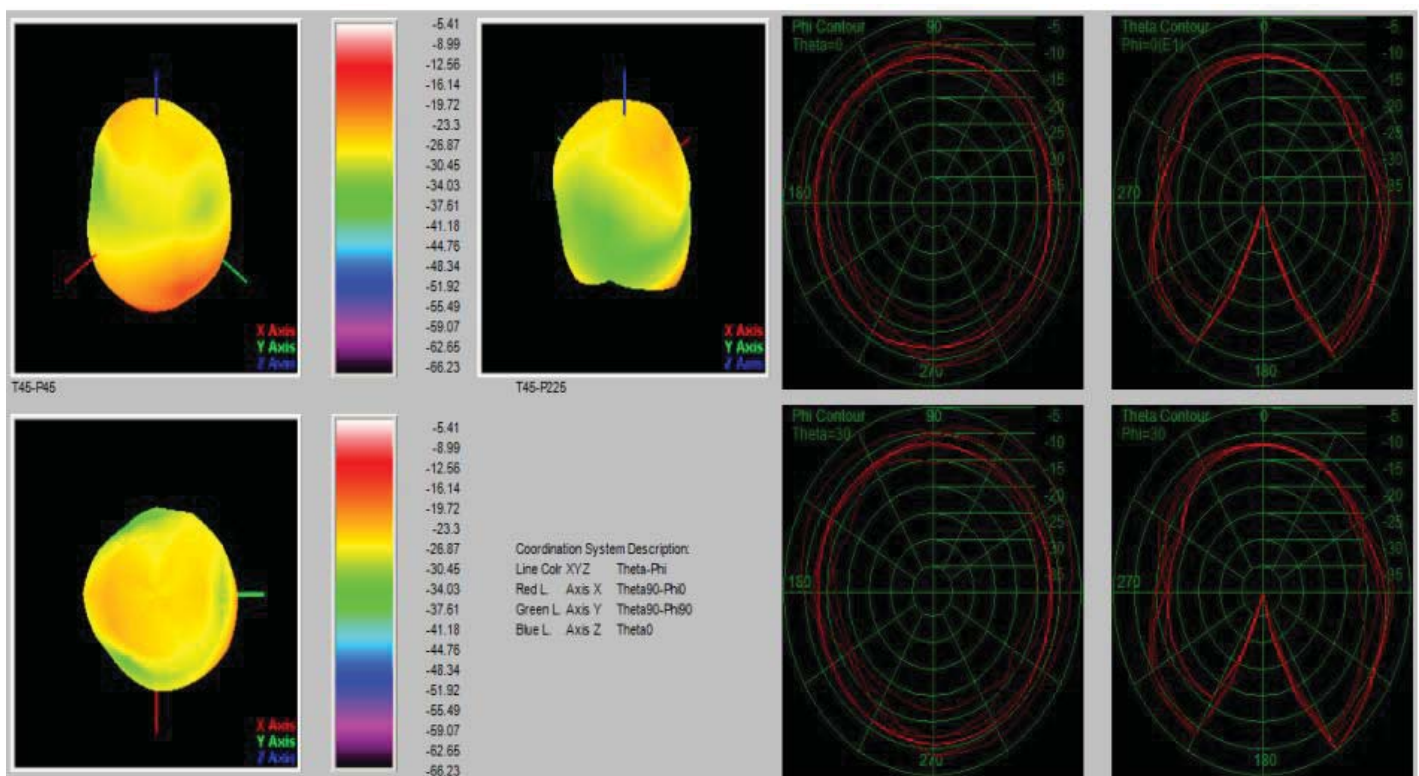
Directional diagram - B3



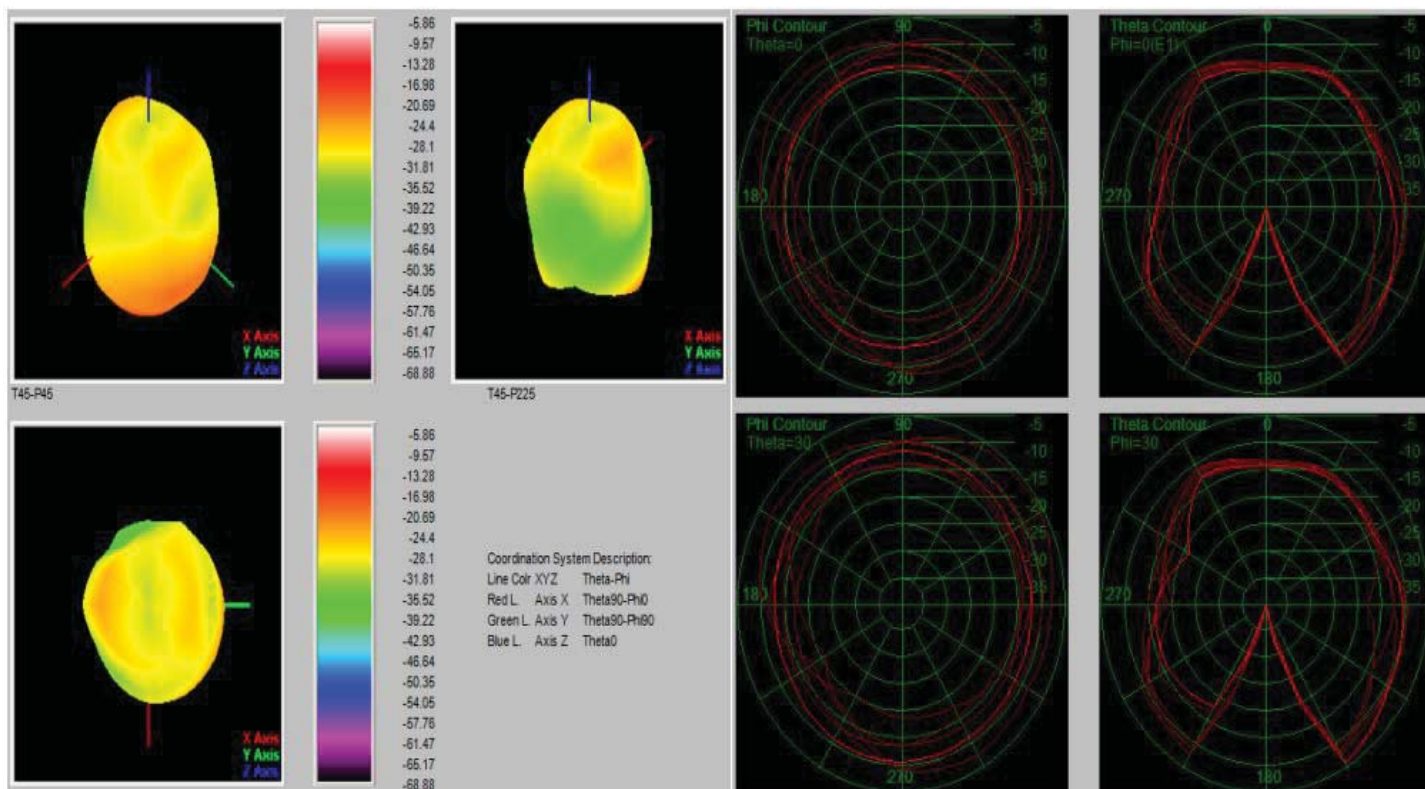
Directional diagram - B5



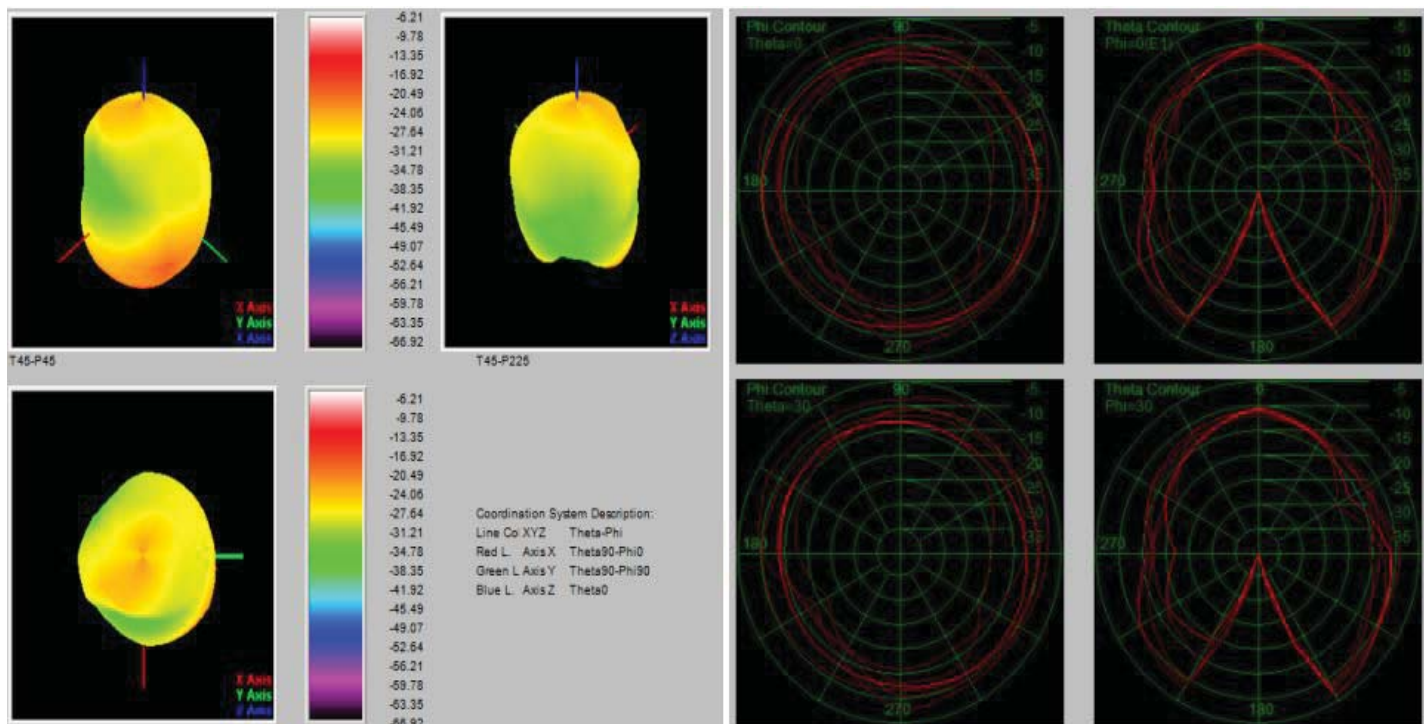
Directional Pattern - B8



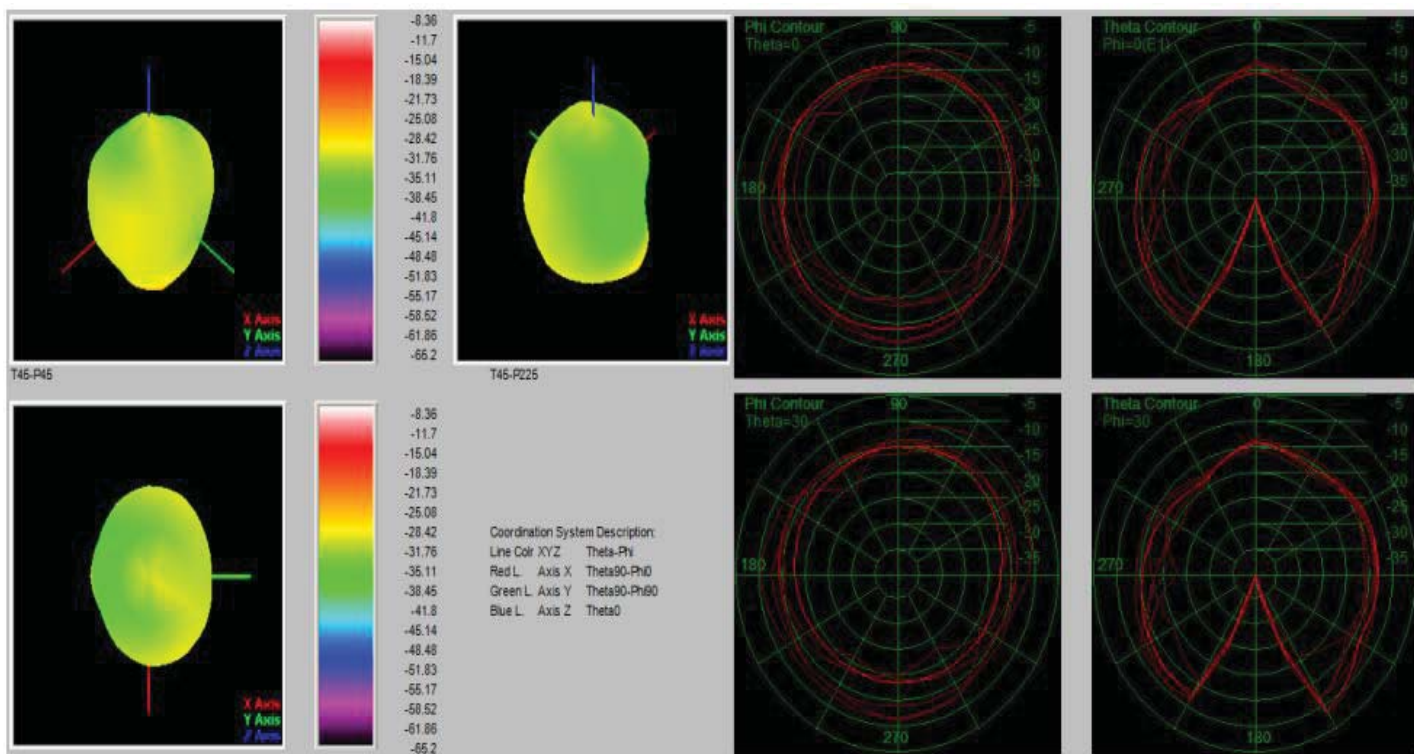
2.2.11 -B20



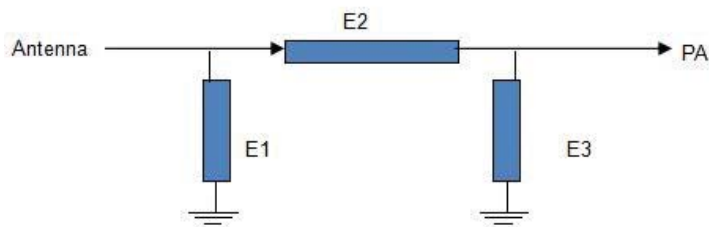
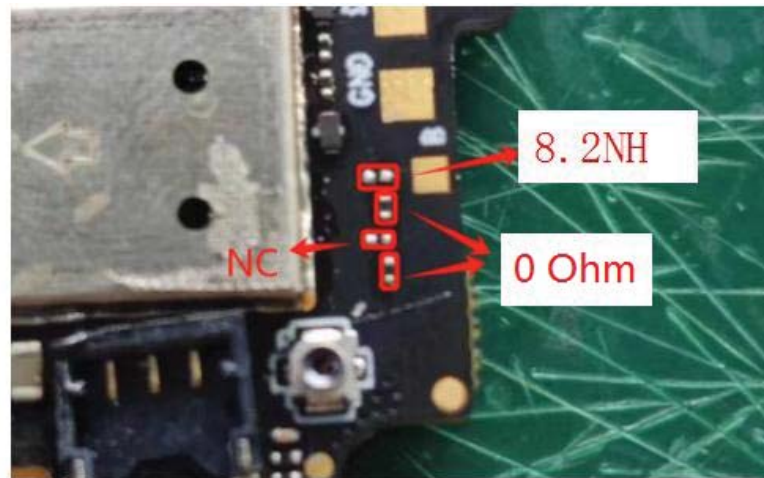
Directional Pattern - B28AB



Directional Pattern - WIFI



Antenna Matching - Main Antenna



Element	Value
E1(0201)	8.2NH
E2(0201)	0 Ω
E3(0201)	N/A

