

N92 WIFI&BT&GPS antenna

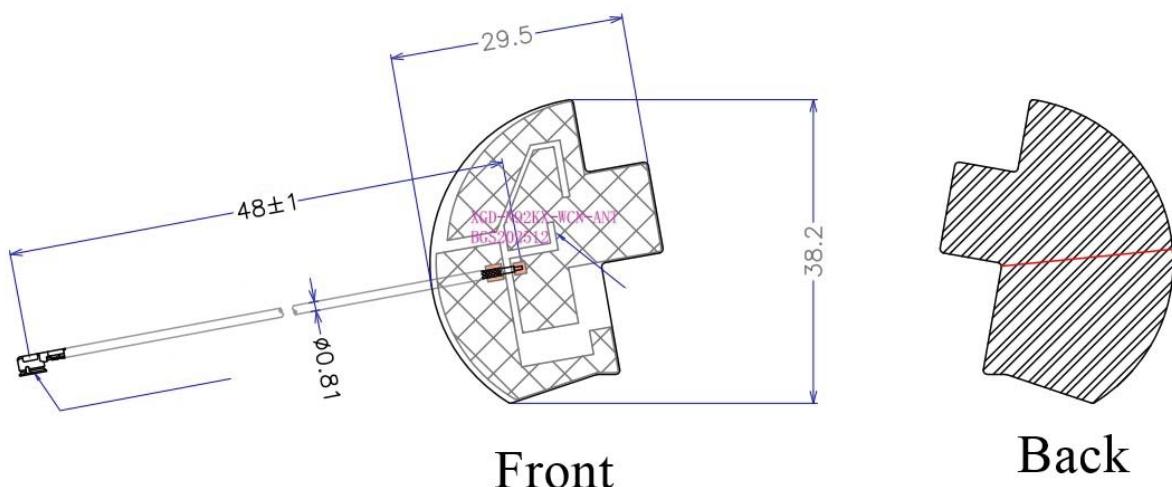
WIFI&BT&GPS antenna

(a). Antenna information

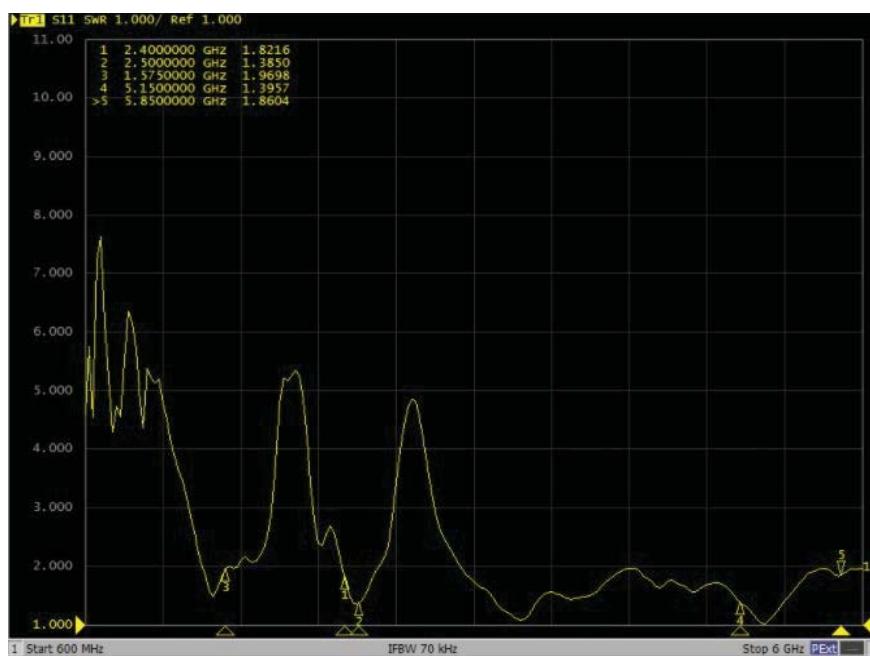
Manufacturer: Shenzhen Bogesi Communication Technology Co.,Ltd.

Address: Room 308, Building B, Sabenol Building, No.19, Kezhong 1st Road, Nanshan District, Shenzhen, Guangdong, China.

Antenna type: FPC



(b). Antenna VSWR



(c). Antenna passive data

Freq (MHz)	Effi (%)	Gain (dBi)
1560	31. 64	2
1561	31. 31	1. 98
1562	31. 19	2. 01
1563	31. 32	2. 06
1564	31. 67	2. 13
1565	32. 12	2. 22
1566	32. 51	2. 3
1567	32. 7	2. 35
1568	32. 62	2. 36
1569	32. 19	2. 34
1570	31. 56	2. 27
1571	30. 82	2. 19
1572	30. 13	2. 12
1573	29. 63	2. 06
1574	29. 34	2. 05
1575	29. 33	2. 05
1576	29. 43	2. 08
1577	29. 63	2. 11
1578	29. 69	2. 11
1579	29. 55	2. 09
1580	29. 09	2. 02

Freq (MHz)	Effi (%)	Gain (dBi)
2400	38. 76	-1. 7
2410	40. 38	-1. 65
2420	40. 57	-2. 12
2430	42. 04	-1. 8
2440	44. 77	-1. 19
2450	46. 1	-1. 13
2460	44. 23	-0. 88
2470	45. 4	-0. 72
2480	44. 39	-0. 4
2490	44. 52	-0. 26
2500	44. 11	-0. 29

Freq (MHz)	Effi (%)	Gain (dBi)
5150	47. 52	4. 65
5160	45. 75	4. 53
5170	47. 15	4. 65
5180	47. 07	4. 55
5190	48. 38	4. 66
5200	48. 78	4. 63
5210	49. 77	4. 68
5220	49. 32	4. 66
5230	50. 71	4. 75
5240	47. 92	4. 53
5250	48. 4	4. 48
5260	47. 09	4. 31
5270	49. 14	4. 1
5280	49. 92	4. 08
5290	47. 73	3. 86

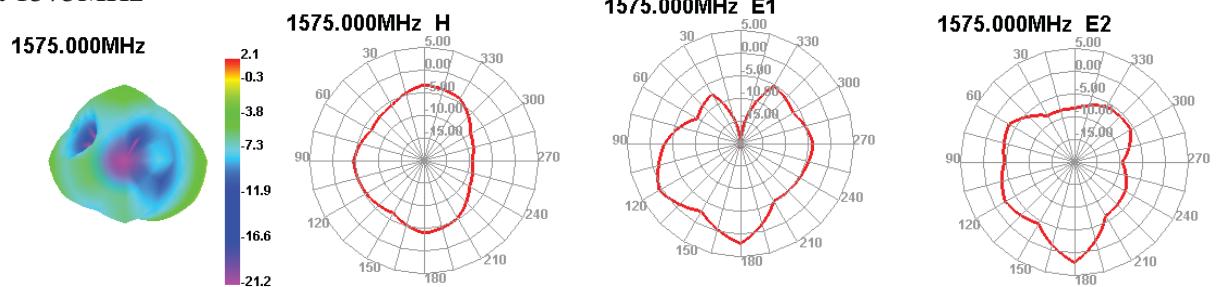
Freq (MHz)	Effi (%)	Gain (dBi)
5520	51. 9	2. 48
5530	49. 1	2. 27
5540	48. 7	2. 3
5550	47. 11	2. 28
5560	49. 08	2. 44
5570	47. 69	2. 41
5580	49. 86	2. 44
5590	46. 01	2. 06
5600	47. 67	1. 63
5610	48. 54	1. 63
5620	48. 19	1. 64
5630	48. 69	1. 68
5640	45. 79	1. 41
5650	47. 78	1. 52
5660	46. 23	1. 37

5300	49.19	4
5310	48.91	4.01
5320	49.94	4.08
5330	51.5	4.11
5340	53.3	4.05
5350	52.84	3.87
5360	53.9	3.88
5370	52.78	3.93
5380	52.55	3.84
5390	52.46	3.76
5400	53.39	3.65
5410	53.32	3.45
5420	52.05	3.1
5430	52.74	2.5
5440	52.91	2.2
5450	53.98	2.33
5460	53.29	2.29
5470	54.25	2.37
5480	50.92	2.15
5490	50.33	2.21
5500	49.11	2.15
5510	51.39	2.39

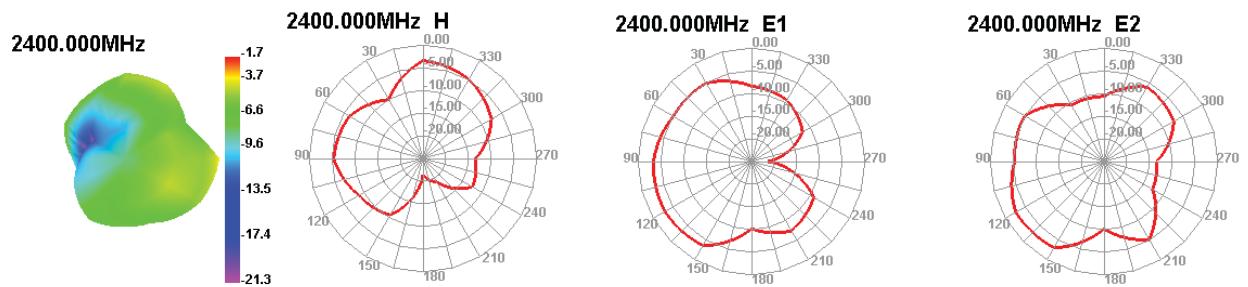
5670	45.4	1.15
5680	46.9	1.17
5690	46.85	1.22
5700	46.74	1.38
5710	46.98	1.17
5720	49.36	1.33
5730	49.04	1.38
5740	50.12	1.44
5750	48.72	1.24
5760	47.74	1.03
5770	47.37	0.92
5780	46.4	0.91
5790	49.77	1.35
5800	48.8	1.36
5810	49.62	1.51
5820	48.47	1.54
5830	47.94	1.48
5840	48.66	1.52
5850	47.92	1.42

(d). Directional diagram

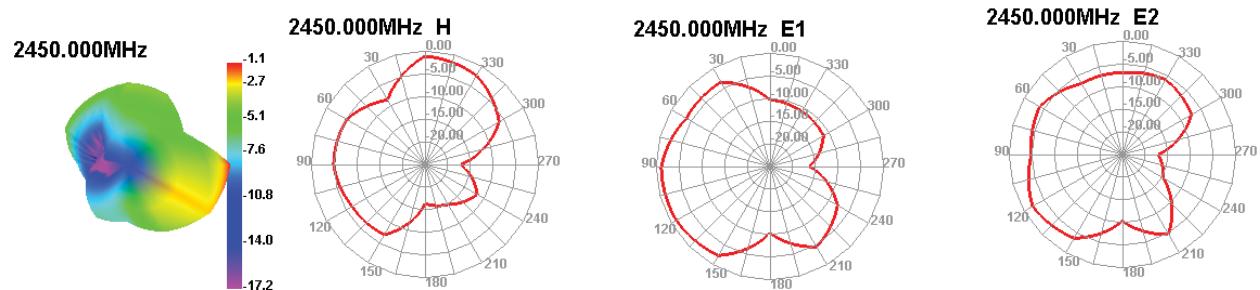
At 1575MHz



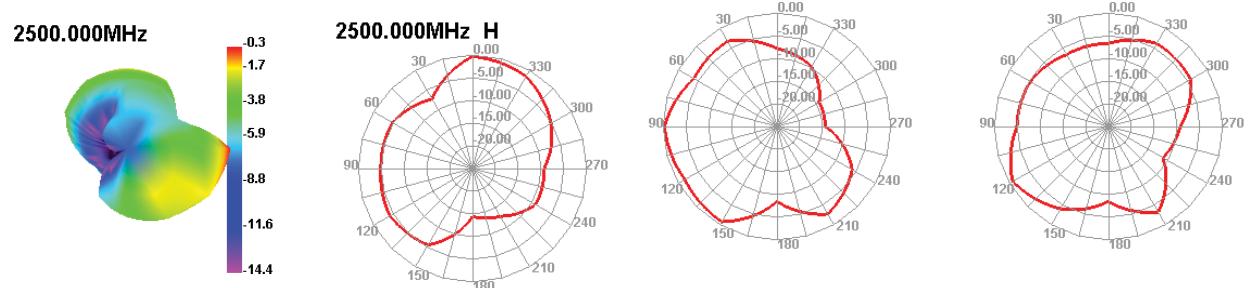
At 2400MHz



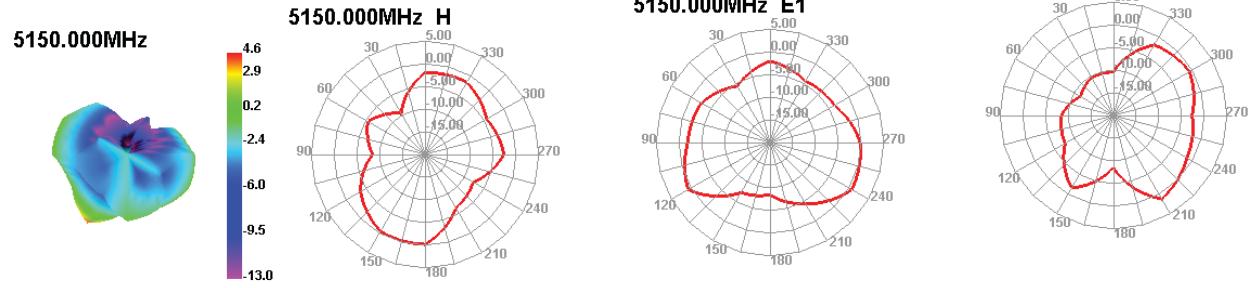
At 2450MHz



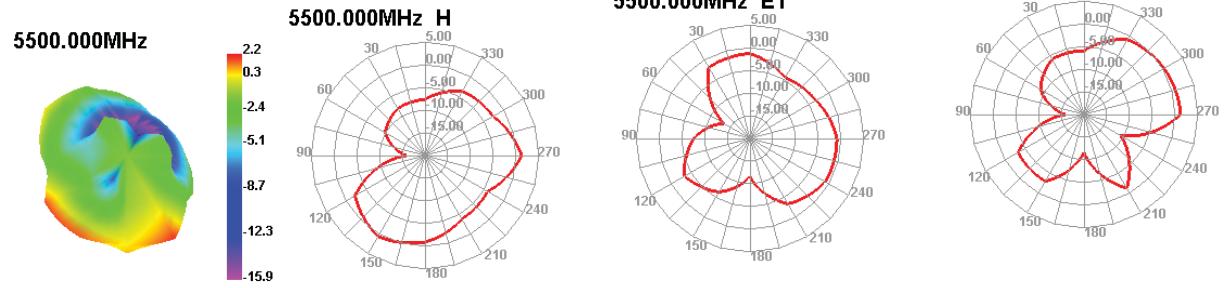
At 2500MHz



At 5150MHz



At 5500MHz



At 5850MHz

