

1. Main antenna

(a) Main antenna information

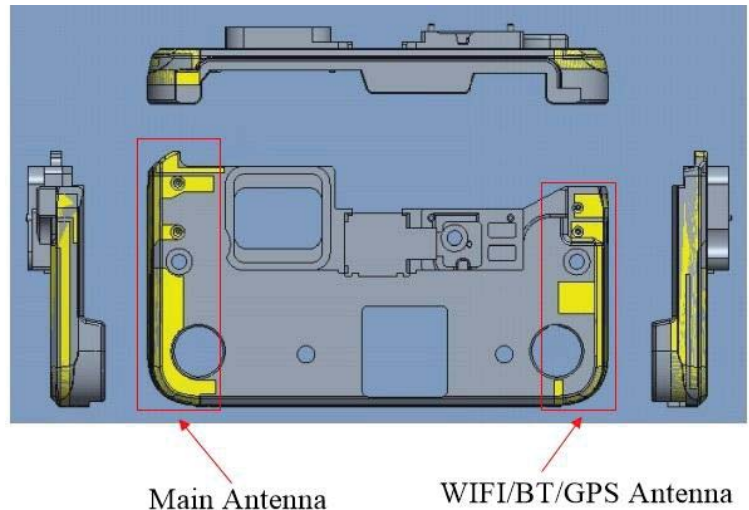
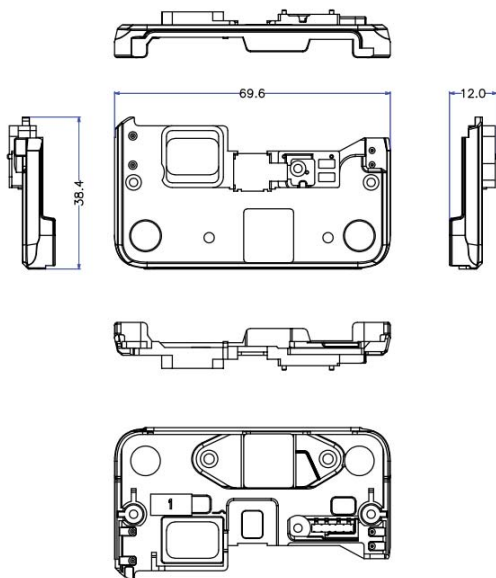
Manufacturer: Shenzhen Bogesi Communication Ttechnology co.,Ltd.

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

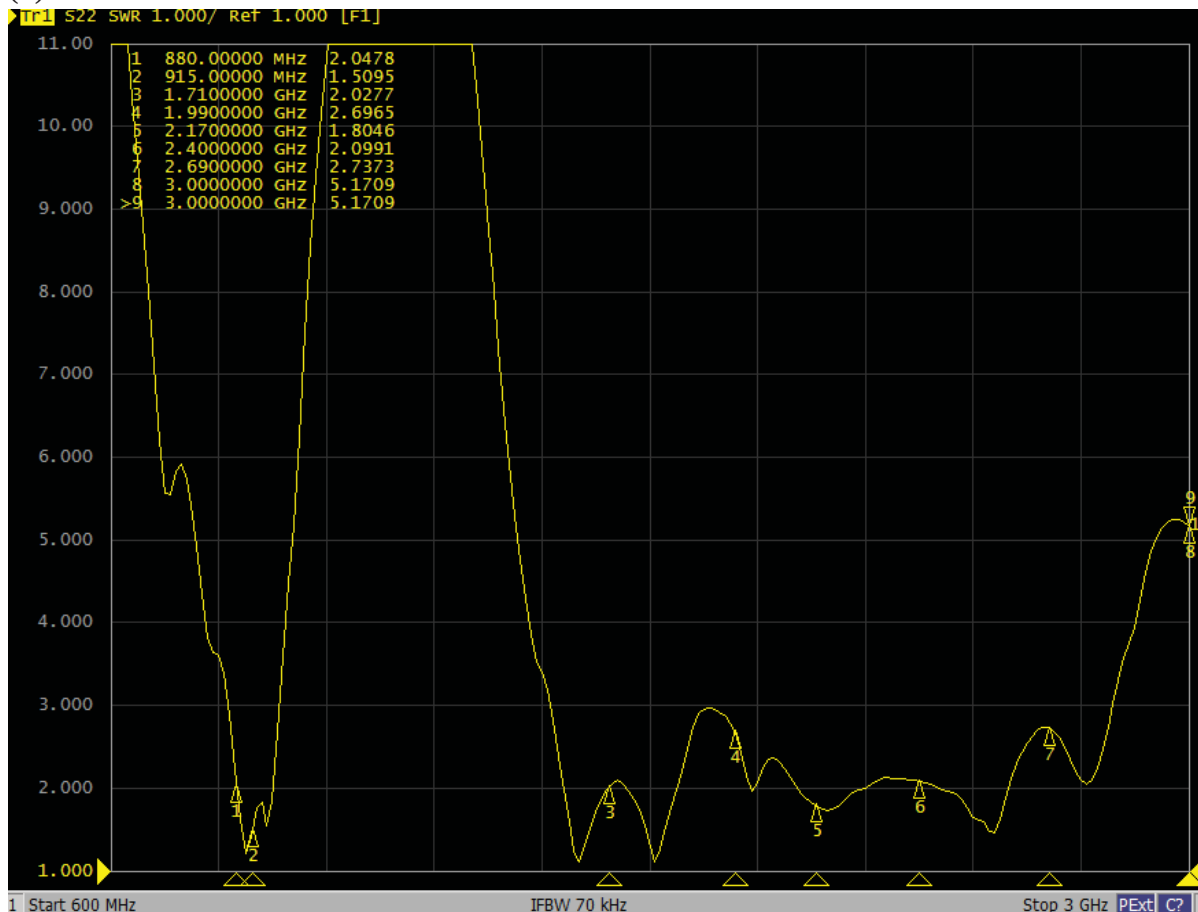
Antenna Type: LDS

Antenna Brand: Bogesi

Antenna Model: XGD-N6 Pro-MAIN-V01



(b) VSWR



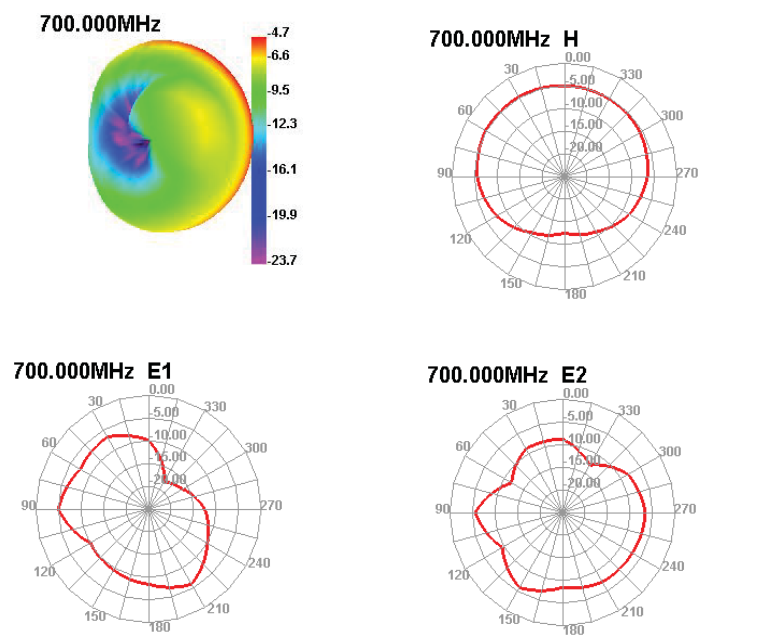
(c)antenna passive data

Freq (MHz)	Effi (%)	Gain (dBi)
700	14. 81	−4. 71
710	14. 62	−4. 99
720	14. 26	−4. 95
730	13. 84	−4. 69
740	12. 88	−4. 82
750	11. 41	−5. 24
760	10. 64	−5. 56
770	10. 46	−5. 73
780	9. 12	−6. 44
790	8. 88	−6. 75
800	8. 98	−6. 93
810	17. 01	−4. 57
820	17. 21	−4. 57
830	18. 84	−4. 03
840	19. 49	−3. 81
850	20. 14	−3. 67
860	18. 43	−4. 11
870	16. 59	−4. 65
880	25. 29	−3. 88
890	30. 61	−3. 02
900	34. 15	−2. 39
910	32. 68	−2. 54
920	27. 13	−3. 48
930	21. 81	−4. 7
940	20. 77	−5. 41
950	20. 56	−6. 16
960	20. 51	−7. 33
1700	30. 04	−3. 63
1720	38. 65	−2. 01
1740	39. 52	−1. 1
1760	38. 22	−1. 33
1780	38. 52	−1. 75
1800	38. 23	−2. 3
1820	37. 53	−2. 66
1840	36. 47	−2. 98
1860	38. 08	−2. 96
1880	33. 62	−3. 9
1900	35. 88	−4. 95
1920	32. 68	−3. 53
1940	37. 82	−2. 04
1960	37. 72	−0. 87
1980	44. 03	−0. 23
2000	45. 05	−0. 48

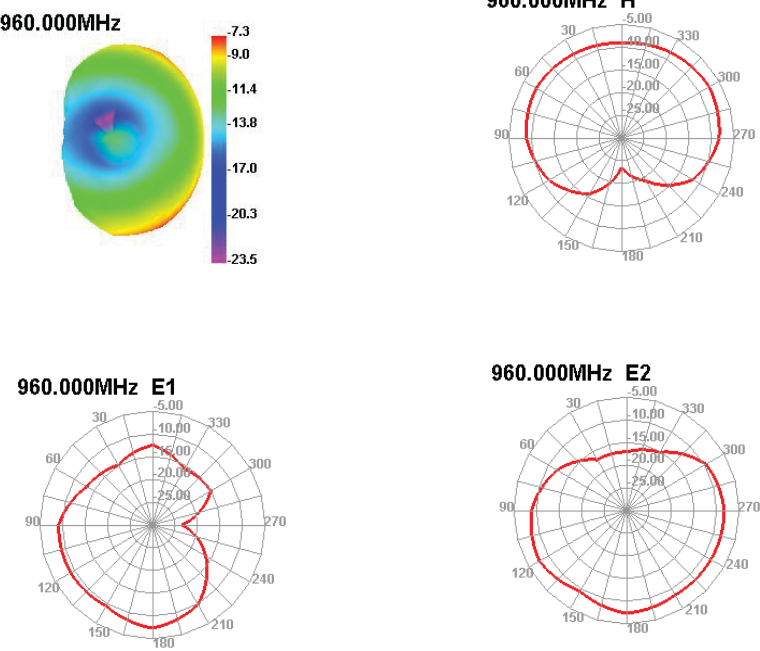
Freq (MHz)	Effi (%)	Gain (dBi)
2020	44. 17	−1. 06
2040	40. 45	−1. 57
2060	32. 78	−2. 26
2080	33. 86	−2. 45
2100	37. 44	−2. 88
2120	33. 58	−2. 74
2140	36. 21	−2. 03
2160	35. 23	−1. 86
2180	36. 24	−1. 64
2200	39. 28	−0. 69
2220	36. 26	−0. 85
2240	37. 99	−0. 91
2260	37. 22	−1. 07
2280	34. 59	−1. 96
2300	37. 08	−1. 87
2320	37. 22	−1. 88
2340	37. 8	−1. 93
2360	37. 88	−1. 53
2380	37. 89	−1. 9
2400	36. 88	−2. 36
2420	38. 62	−1. 9
2440	41. 42	−0. 65
2460	40. 78	−1. 02
2480	42. 31	−0. 29
2500	43. 72	−0. 04
2520	43. 26	−0. 81
2540	41. 22	−0. 68
2560	40. 3	−0. 72
2580	40. 12	−0. 36
2600	42	0. 58
2620	40. 31	0. 02
2640	35. 36	−1. 84
2660	34. 91	−2. 56
2680	34. 16	−1. 33
2700	33. 79	−1. 18

(d) Directional diagram

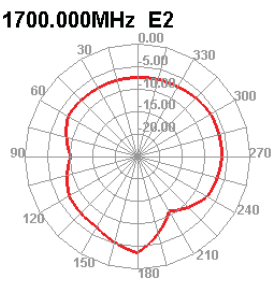
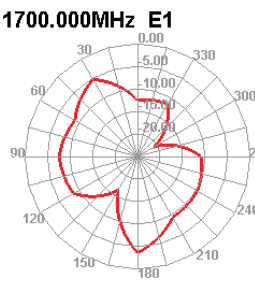
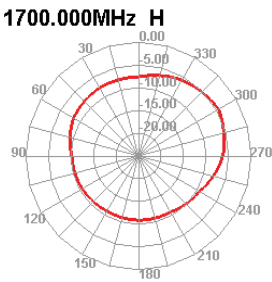
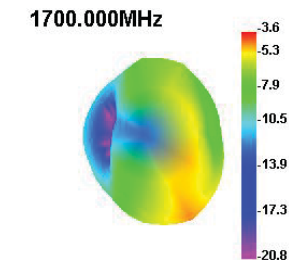
at 700MHz



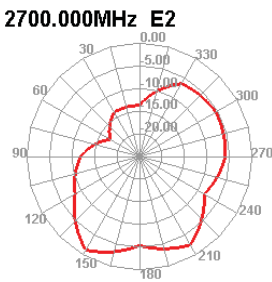
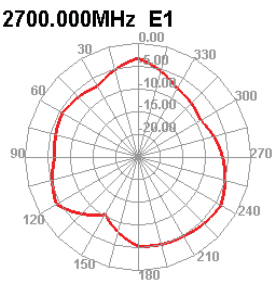
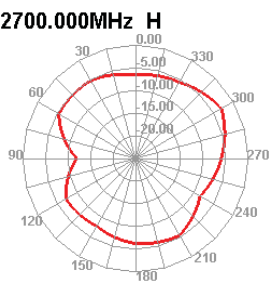
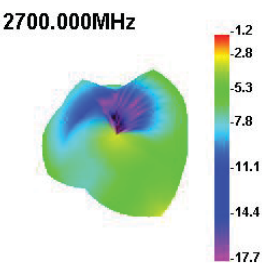
at 960MHz



at 1700MHz



at 2700MHz



2. WIFI&BT&GPS antenna

(a)WIFI&BT&GPS antenna information

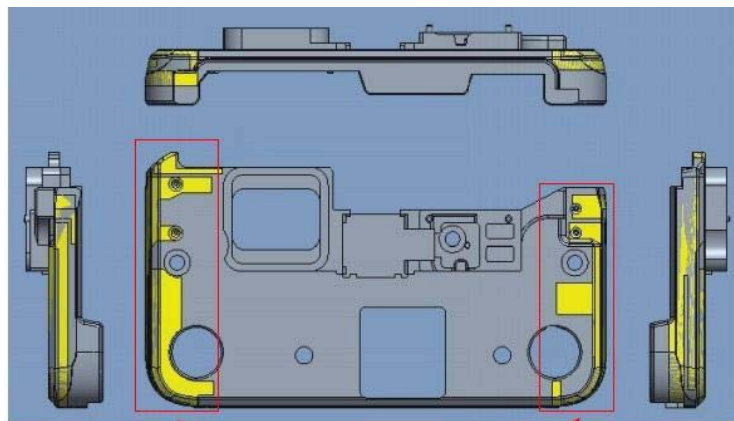
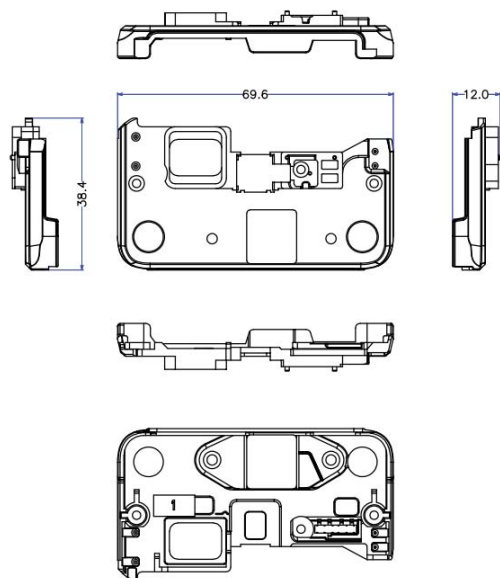
Manufacturer: Shenzhen Bogesi Communication Ttechnology co.,Ltd.

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

Antenna type: LDS

Antenna Brand: Bogesi

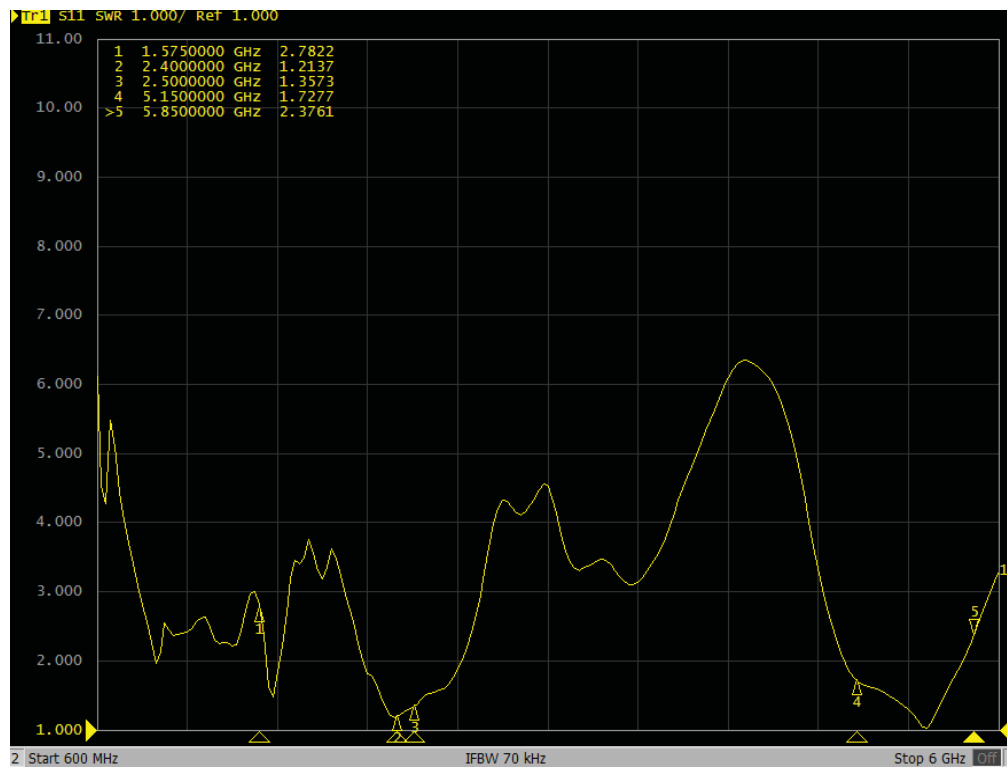
Antenna Model: XGD-N6 Pro-WCN-V01



Main Antenna

WIFI/BT/GPS Antenna

(b)VSWR



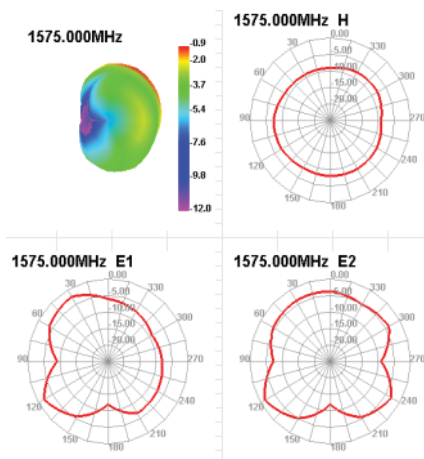
(c)antenna passive data

Freq (MHz)	Effi (%)	Gain (dBi)
1560	27.67	-1.04
1561	27.53	-1.05
1562	27.25	-1.08
1563	26.96	-1.13
1564	26.79	-1.15
1565	26.89	-1.14
1566	29.14	-0.78
1567	29.21	-0.74
1568	29.03	-0.76
1569	28.65	-0.81
1570	29.14	-0.78
1571	29.21	-0.74
1572	29.03	-0.76
1573	28.65	-0.81
1574	28.17	-0.85
1575	27.75	-0.91
1576	27.47	-0.95
1577	27.42	-0.94
1578	27.59	-0.92
1579	27.95	-0.86
1580	28.43	-0.79
2400	39.1	-1.01
2410	43.49	-0.7
2420	43.37	-0.5
2430	45.42	0.05
2440	44.43	0.2
2450	44.06	0.24
2460	42.65	0.04
2470	42.36	0.07
2480	42	0.59
2490	41.83	0.73
2500	40.24	0.69
5150	43.45	2.25

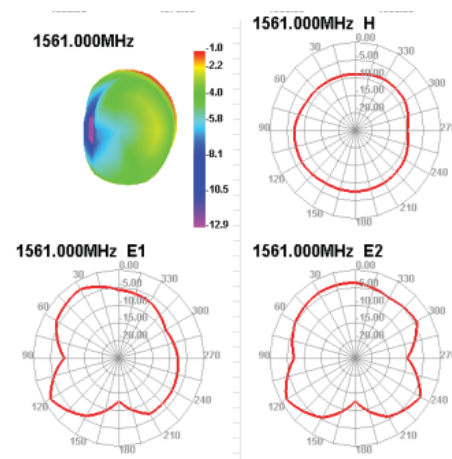
Freq (MHz)	Effi (%)	Gain (dBi)
5160	46.1	2.44
5170	43.48	2.09
5180	45.63	2.23
5190	43.35	1.93
5200	44.71	1.95
5210	46.42	2.11
5220	47.04	2.1
5230	48.19	2.05
5240	43.68	1.52
5250	48.24	1.82
5260	47.8	1.73
5270	48.12	1.71
5280	48.68	1.79
5290	49.62	1.87
5300	52.77	2.11
5310	54.65	2.23
5320	58.04	2.48
5330	57.74	2.41
5340	57.35	2.59
5350	57.4	2.57
5360	57.09	2.75
5370	59.61	2.91
5380	60.81	2.95
5390	62.38	2.96
5400	60.23	2.66
5410	63.04	2.84
5420	62.77	2.82
5430	64.61	2.9
5440	59.91	2.56
5450	60.46	2.63
5460	61.26	2.68
5470	62.13	2.79
5480	61.36	2.8
5490	62.98	2.66
5500	61.5	2.56

Freq (MHz)	Effi (%)	Gain (dBi)
5510	59.05	2.4
5520	63.2	2.62
5530	60.85	2.41
5540	61.54	2.51
5550	60.17	2.53
5560	60.63	2.6
5570	60.58	2.56
5580	60.07	2.55
5590	60.28	2.88
5600	58.91	2.65
5610	60.21	2.91
5620	57.58	2.75
5630	58.88	2.86
5640	58.6	2.76
5650	58.98	2.61
5660	60.06	2.47
5670	58.36	2.05
5680	60.62	2.26
5690	59.42	2.32
5700	61.12	2.5
5710	56.58	2.18
5720	56.65	2.04
5730	57.86	2.08
5740	55.44	1.91
5750	55.95	2.02
5760	54.24	1.97
5770	55.42	2.13
5780	51.96	1.99
5790	53.08	2.24
5800	55.39	2.44
5810	54.8	2.45
5820	54.49	2.29
5830	50.42	1.95
5840	50.77	1.87
5850	48.95	1.79

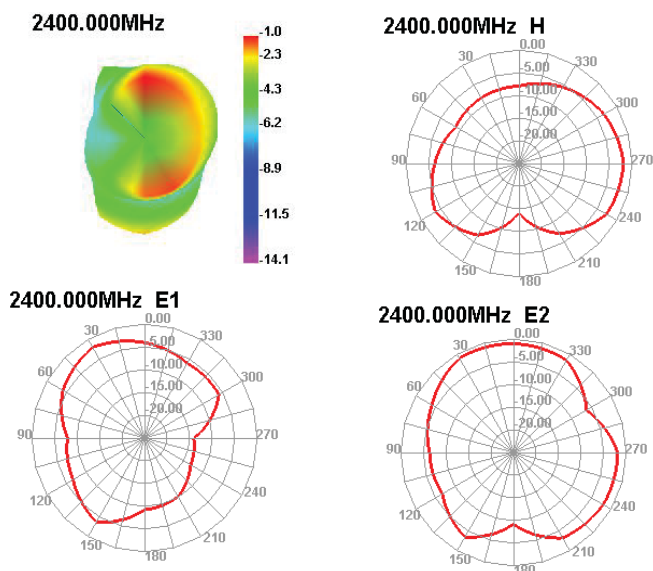
(d) Directional diagram
at 1575MHz



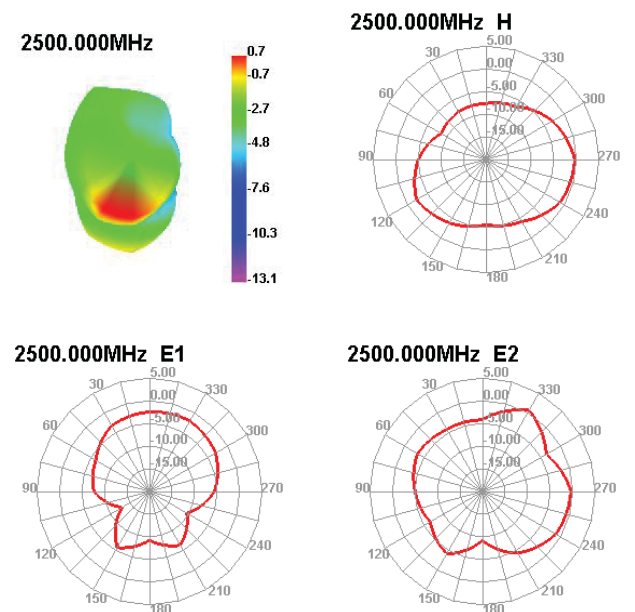
at 1561MHz



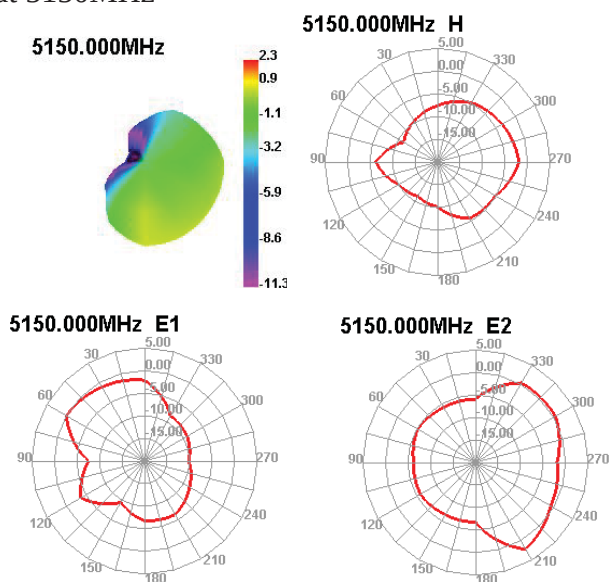
at 2400MHz



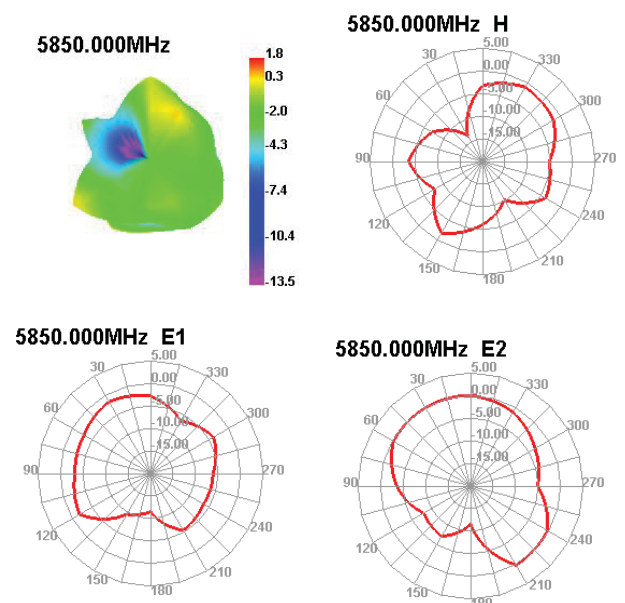
at 2500MHz



at 5150MHz



at 5850MHz



3.Div antenna

(a)Div antenna information

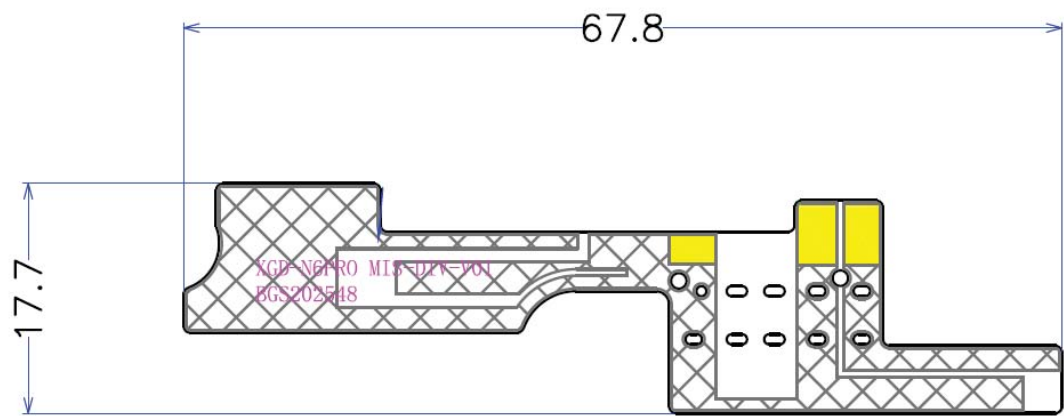
Manufacturer: Shenzhen Bogesi Communication Ttechnology co.,Ltd.

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

Antenna type: FPC

Antenna Brand: Bogesi

Antenna Model: XGD-N6PRO MIS-DIV-V01



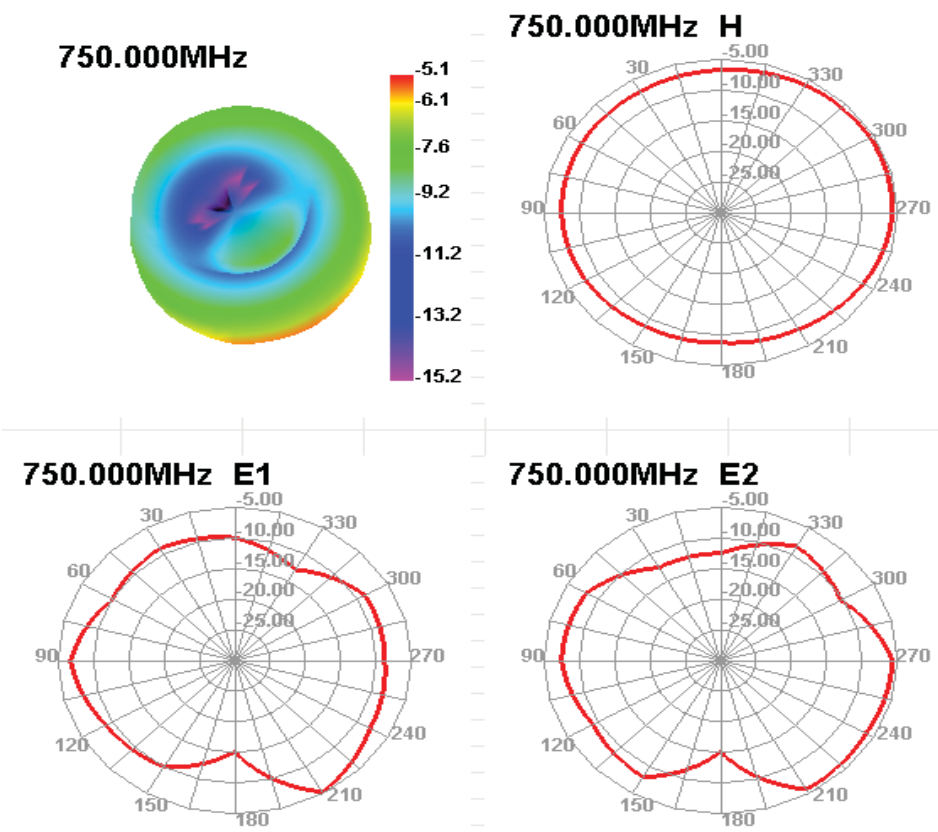
(b)Antenna Gain

Freq (MHz)	Gain (dBi)
750	-5.14
760	-4.52
770	-4.18
780	-3.9
790	-3.82
800	-3.62
810	-7.44
820	-7.13
860	-3.33
870	-2.49
880	-1.71
890	-0.98
900	-0.46
920	-3.07
930	-1.43
940	0.19
950	0.18
960	-1.42

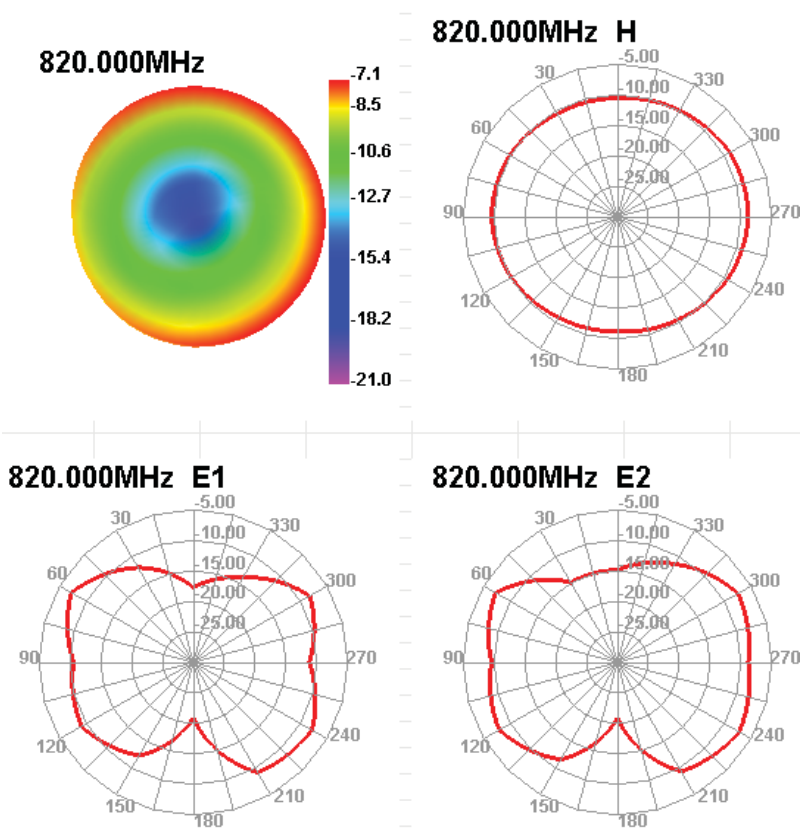
Freq (MHz)	Gain (dBi)
1800	-8.89
1820	-7.92
1840	-6.3
1860	-5.03
1880	-4.46
1900	-4.75
1920	-6.57
1940	-6.38
1960	-5.64
1980	-5.2
2000	-5
2020	-4.67
2040	-5
206	-5.38
2080	-5.02
2100	-5.24
2120	-4.88
2140	-4.04
2160	-3.71
2180	-2.84
2200	-1.77

Freq (MHz)	Gain (dBi)
2300	1.31
2320	1.77
2340	2.3
2360	3.18
2380	3.08
2400	2.91
2500	2.78
2520	2.03
2540	2.06
2560	1.37
2580	1.13
2600	1.54
2620	1.16
2640	0.81
2660	0.97
2680	0.39
2700	0.37

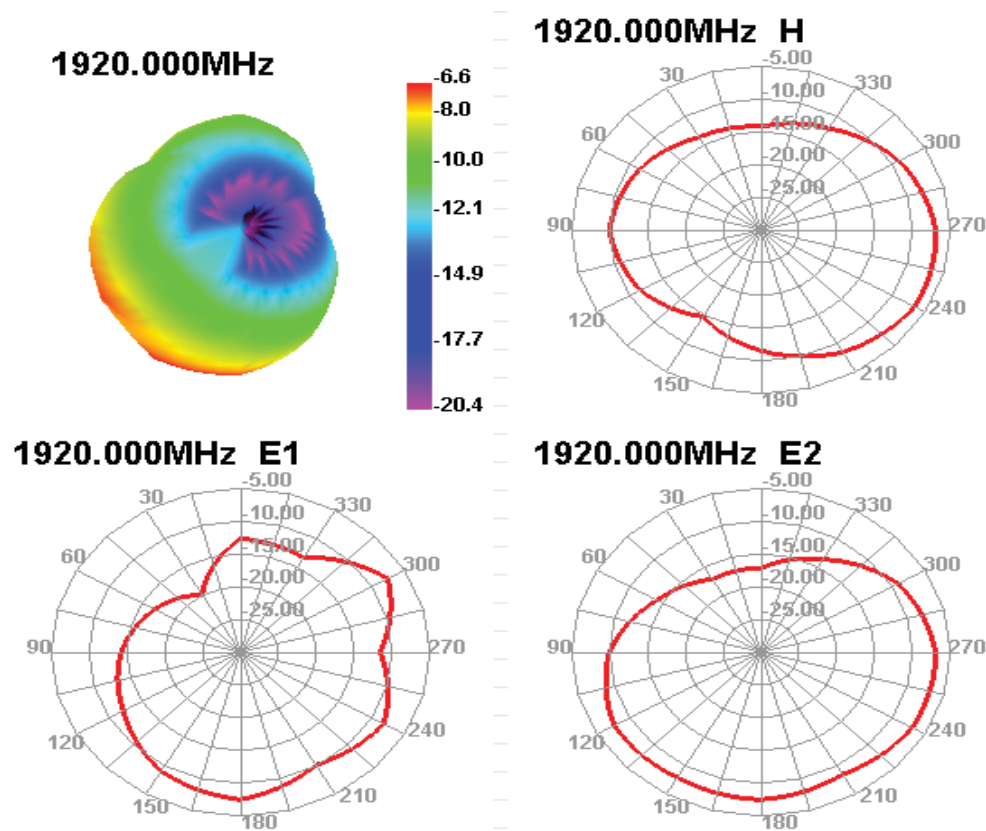
(c) Directional diagram
at 750MHz



at 820MHz



at 1920MHz



at 2300MHz

