

Antenna specification

1、GPS&WIFI&BT Antenna

● Technical parameters

WLAN: GPS&WIFI&BT

Antenna company:

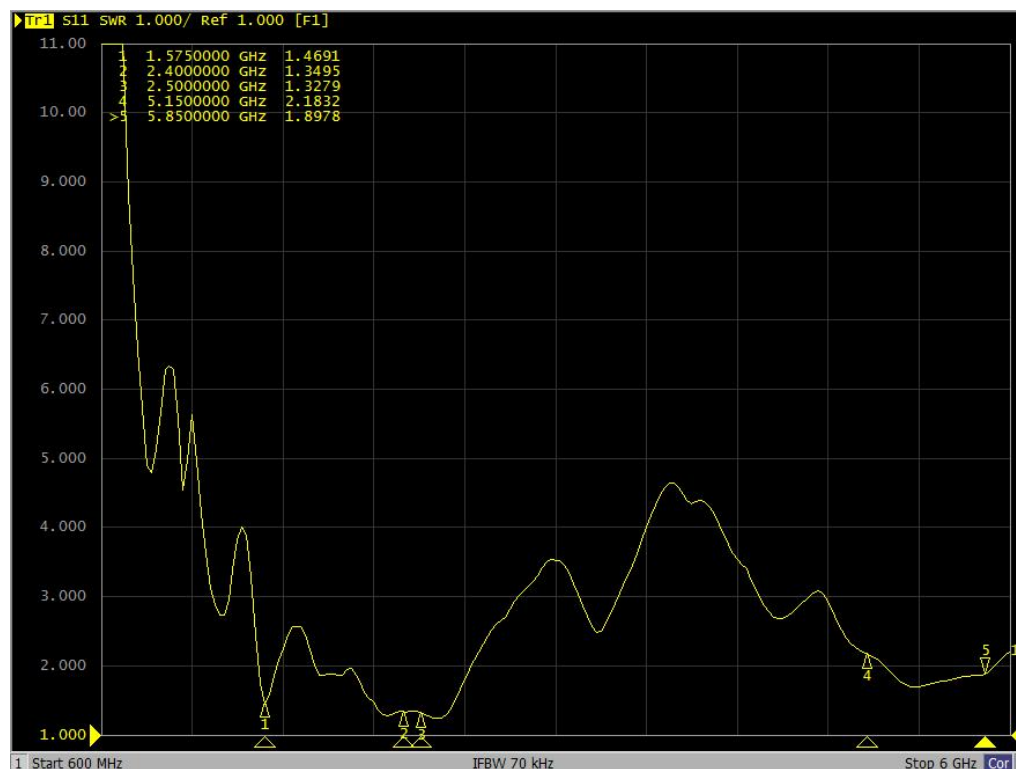
Shenzhen bogesi communication Technology Co., Ltd

Antenna Type: PIFA

Frequency: 1575MHz, 2400MHz~2500MHz, 5150MHz~5850MHz

SWR: $\leq 2.5: 1$

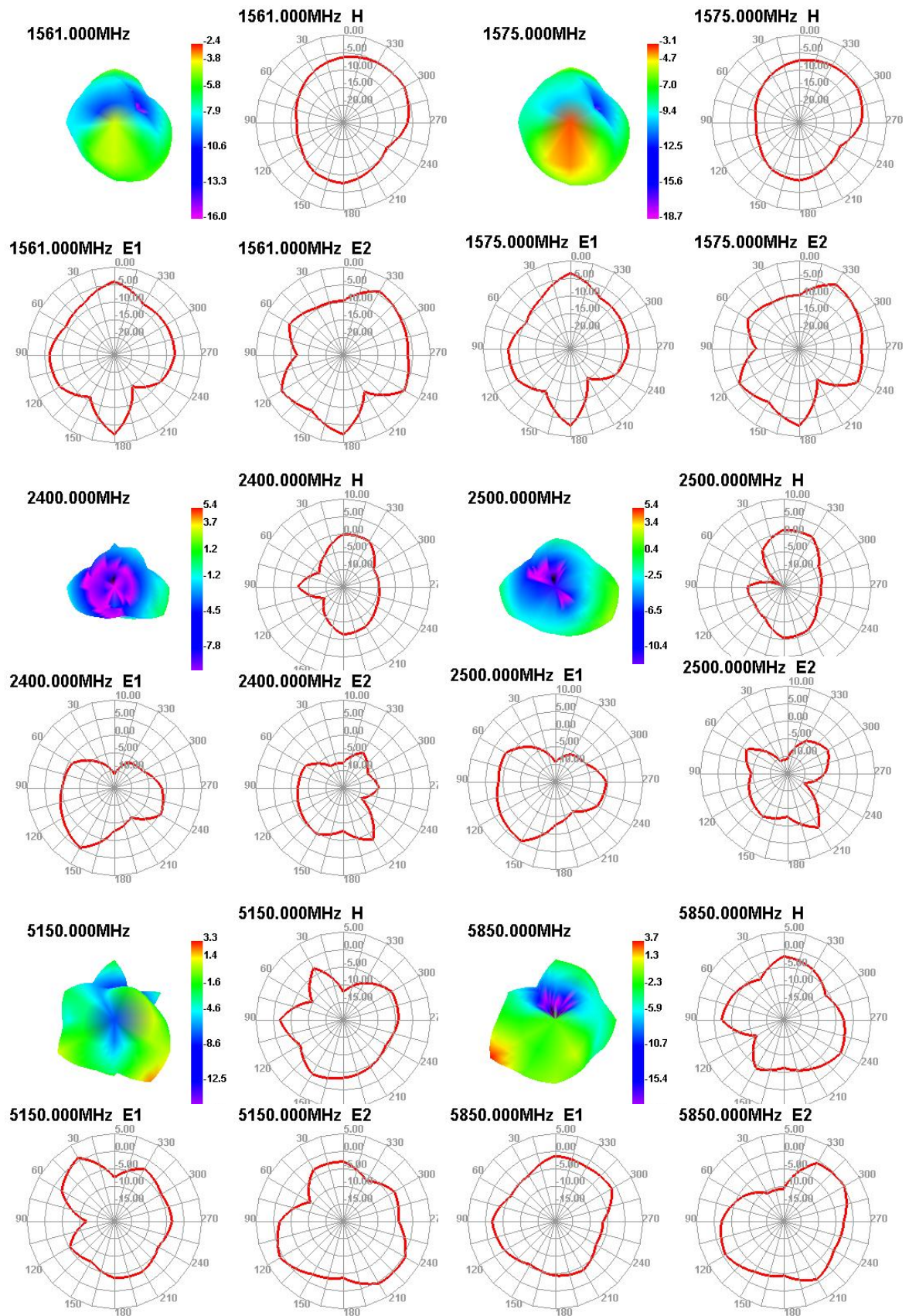
● S11



● Efficiency and gain

Frequency/Mhz	Efficiency / %	Gain/dBi	Frequency/Mhz	Efficiency / %	Gain/dBi
1560	26. 01	-2. 32	5170	52. 44	3. 19
1561	25. 55	-2. 44	5190	53. 28	3. 12
1562	24. 91	-2. 61	5210	55. 79	3. 19
1563	24. 24	-2. 79	5230	57. 24	3. 13
1564	23. 7	-2. 95	5250	56. 42	2. 97
1565	23. 35	-3. 01	5270	54. 23	2. 79
1566	23. 26	-3. 04	5290	53. 63	2. 57
1567	23. 47	-2. 99	5310	54. 97	2. 62
1568	23. 9	-2. 89	5330	56. 74	2. 66
1569	24. 46	-2. 76	5350	58. 63	2. 73
1570	25. 04	-2. 64	5370	65. 46	3. 14
1571	25. 39	-2. 57	5390	67. 78	3. 17
1572	25. 4	-2. 57	5410	64. 67	3. 03
1573	24. 99	-2. 68	5430	66. 75	3. 27
1574	24. 25	-2. 87	5450	59. 92	2. 84
1575	23. 41	-3. 12	5470	60. 44	2. 96
1576	22. 65	-3. 33	5490	58. 2	2. 86
1577	22. 11	-3. 47	5510	53. 82	2. 62
1578	21. 89	-3. 54	5530	52. 98	2. 67
1579	22	-3. 5	5550	54. 17	2. 68
1580	22. 46	-3. 38	5570	50. 07	2. 36
			5590	48. 82	2. 36
2400	54. 87	2. 36	5610	47. 29	2. 41
2410	61. 19	2. 72	5630	45	2. 1
2420	60. 85	2. 63	5650	47. 54	2. 22
2430	63. 04	2. 7	5670	50. 25	2. 51
2440	64. 28	2. 72	5690	48. 56	2. 39
2450	63. 37	2. 62	5710	52. 54	2. 6
2460	62. 35	2. 48	5730	53. 04	2. 42
2470	61. 06	2. 26	5750	49. 38	2. 19
2480	64. 7	2. 44	5770	53. 3	2. 71
2490	65. 86	2. 46	5790	53. 2	2. 98
2500	64. 87	2. 35	5810	53. 99	3. 22
			5830	57. 95	3. 66
5150	53. 6	3. 35	5850	56. 99	3. 66

● Radiation pattern



● Structure size

