

1. Main antenna

(a) Main antenna information

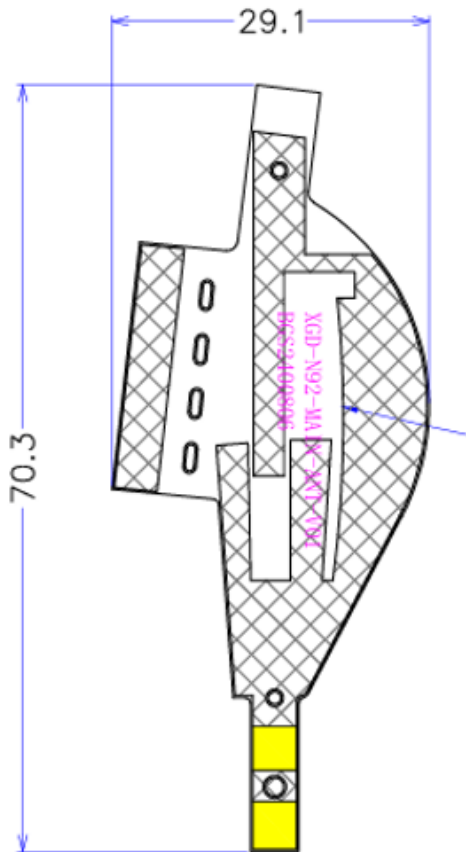
Manufacturer: Shenzhen Bogesi Communication Ttechnology co.,Ltd.

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

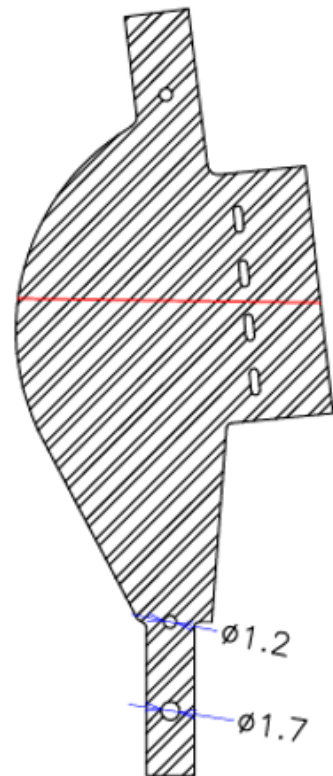
Antenna Type: FPC

Antenna Brand: Bogesi

Antenna Model: XGD-N92-MAIN-ANT-V01



Front view



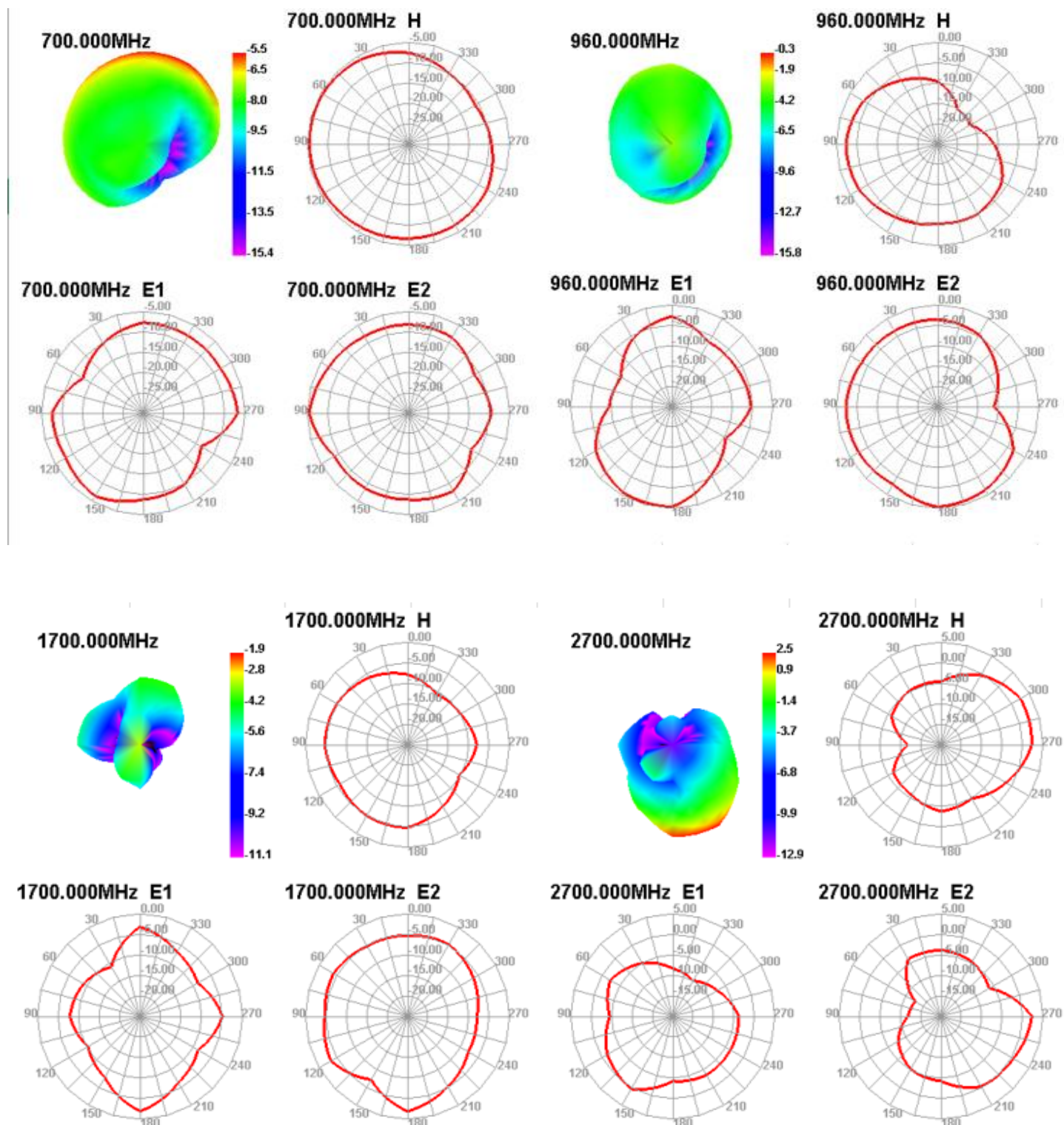
Back view

(b)Antenna gain

Freq (MHz)	Gain (dBi)
700	-5.47
710	-5.57
720	-5.57
730	-5.68
740	-5.36
750	-5.51
760	-5.36
770	-5.02
780	-4.94
790	-4.85
800	-4.93
810	-5.03
820	-5.16
830	-5.08
840	-4.13
850	-2.85
860	-1.6
870	-0.24
880	0.41
890	0.47
900	0.35
910	0.21
920	0.09
930	-0.31
940	-0.46
950	-0.52
960	-0.32
1700	-1.93
1720	-0.85
1740	-0.32
1760	-0.24
1780	0.44
1800	1.26
1820	1.52
1840	0.9
1860	0.08
1880	-0.23
1900	-0.94
1920	-0.55

Freq (MHz)	Gain (dBi)
1940	-0.28
1960	0.46
1980	1.6
2000	2.09
2020	2.46
2040	2.45
2060	2.17
2080	2.55
2100	2.64
2120	2.91
2140	3.28
2160	3.24
2180	3.44
2200	3.87
2220	3.85
2240	4.18
2260	4.07
2280	3.75
2300	3.6
2320	3.13
2340	2.98
2360	2.85
2380	2.43
2400	1.43
2420	1.81
2440	2.16
2460	1.7
2480	1.51
2500	2.01
2520	2.01
2540	2.11
2560	1.9
2580	2.02
2600	2.46
2620	2.31
2640	2.18
2660	2.56
2680	2.57
2700	2.49

(c) Directional diagram



2. Diversity antenna

(a) Diversity antenna information

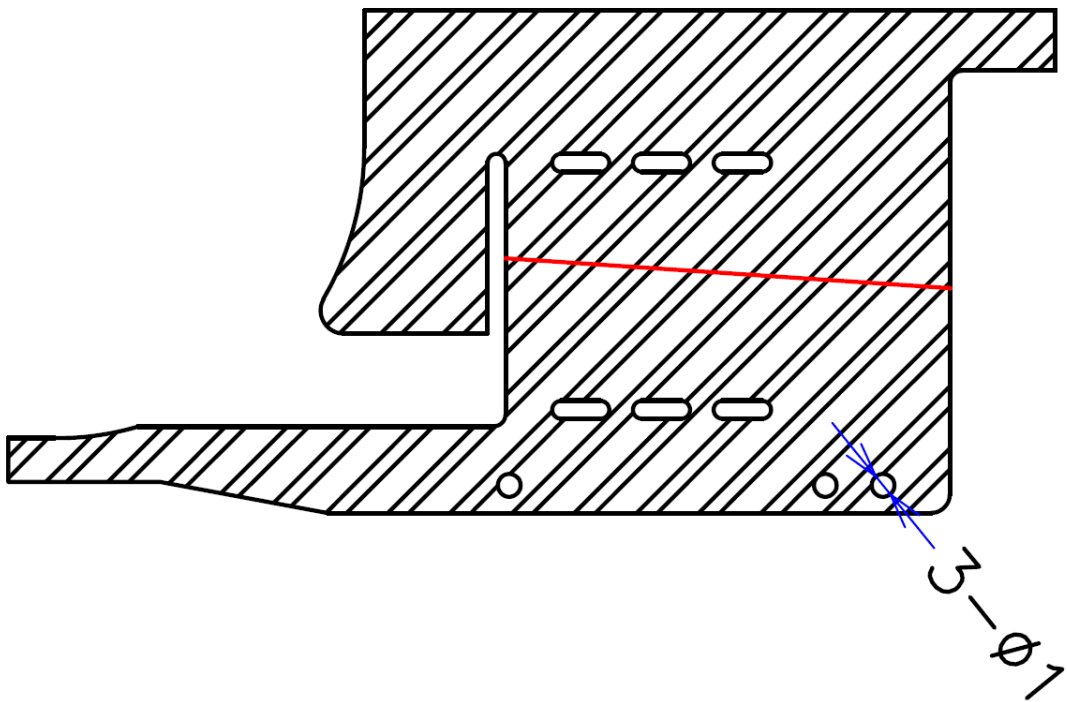
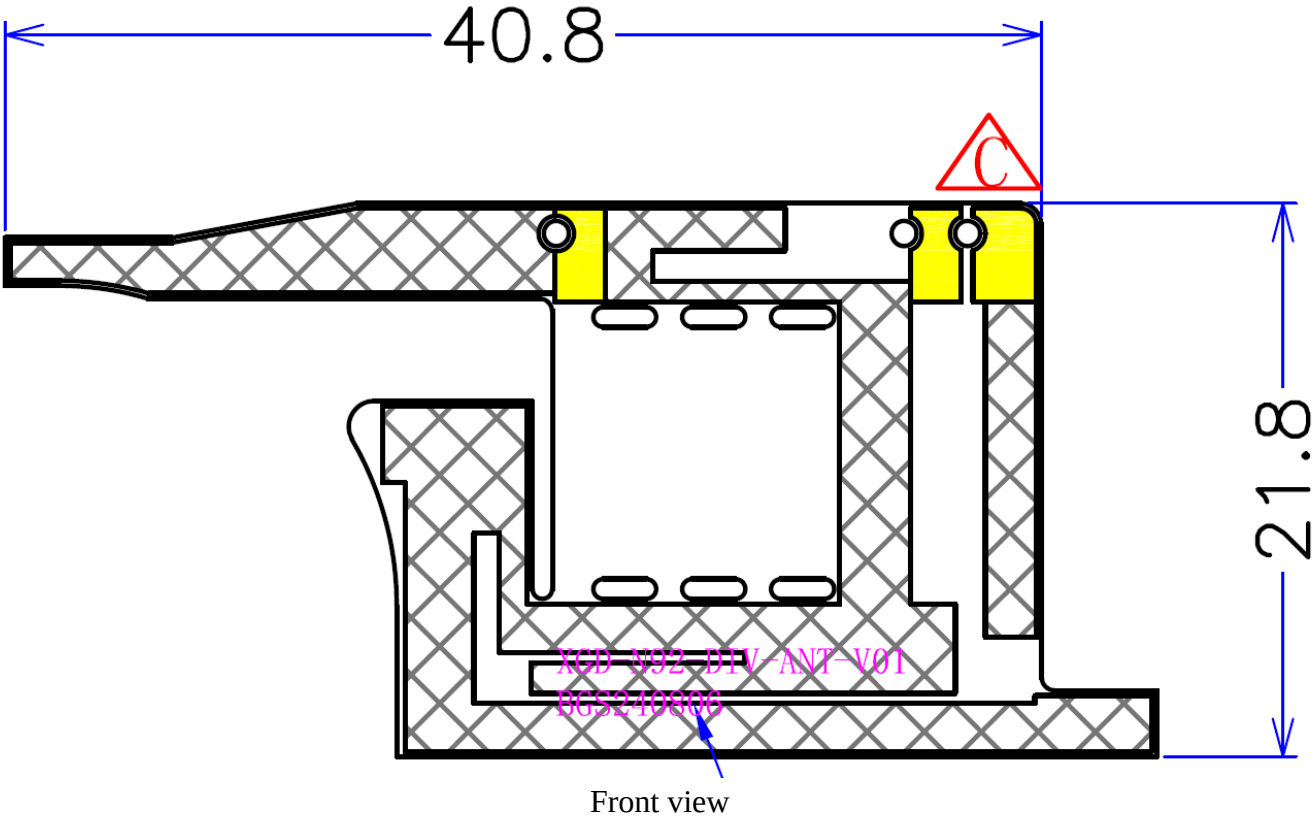
Manufacturer: Shenzhen Bogesi Communication Ttechnology co.,Ltd.

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-N92-DIV-ANT-V01

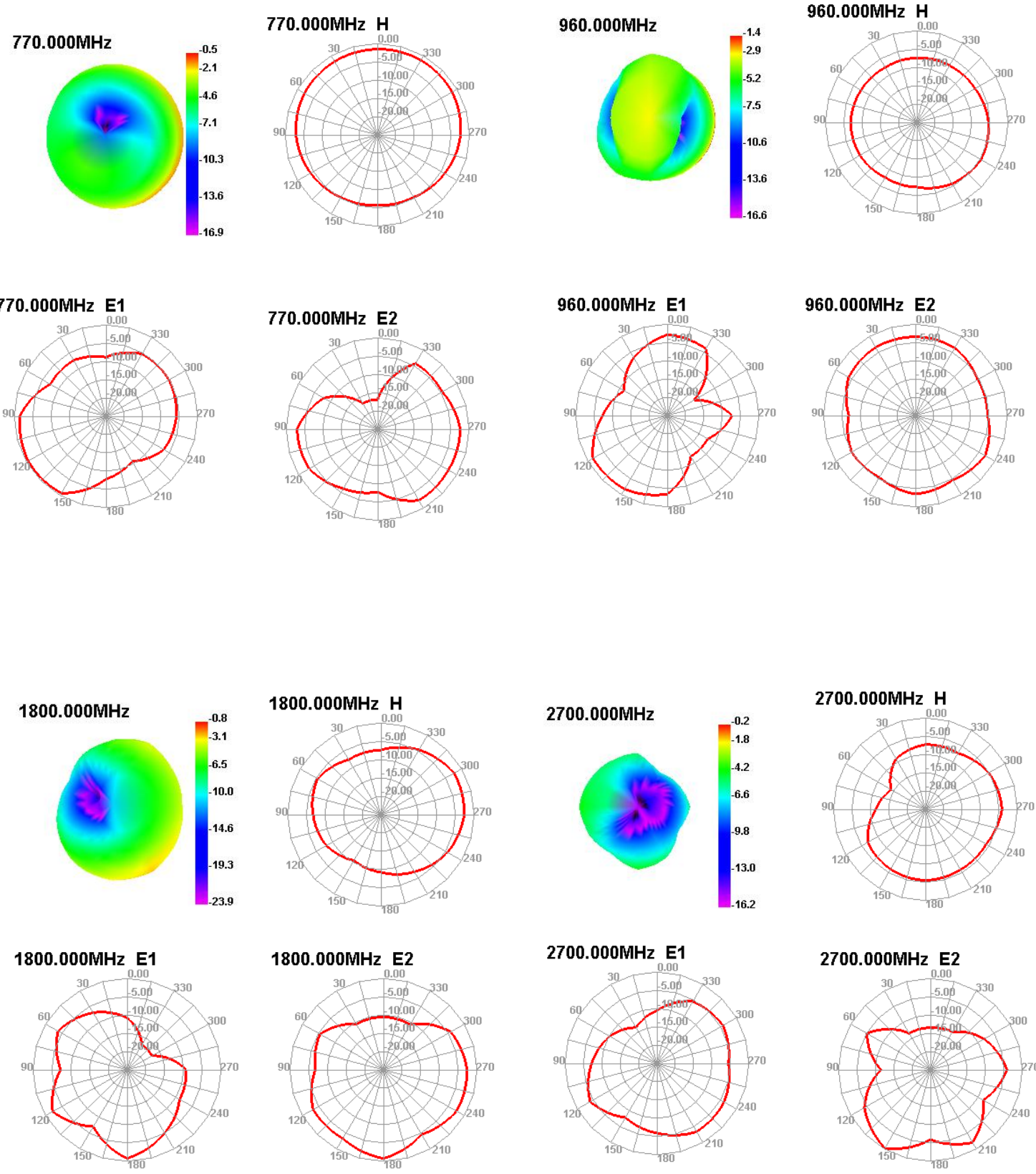


(b)Antenna gain

Freq (MHz)	Gain (dBi)
760	-1.06
770	-0.5
780	-0.54
790	-0.42
800	-0.19
860	-1.68
870	-0.68
880	-0.19
890	-0.03
900	-0.13
920	-0.92
930	-1.39
940	-1.34
950	-1.52
960	-1.43
1800	-0.76
1820	-0.57
1840	-0.51
1860	-0.33
1880	-0.73
1900	-0.74
1920	-1.17
1940	-0.75
1960	-0.32
1980	-0.83
2000	-0.4
2020	0.27
2040	0.59
2060	1.41
2080	1.49

Freq (MHz)	Gain (dBi)
2100	1.85
2120	1.67
2140	1.39
2160	1.54
2180	1.37
2200	1.07
2220	1.38
2240	1.38
2260	1.62
2280	1.63
2300	1.56
2320	1.94
2340	1.86
2360	2.32
2380	2.85
2400	2.44
2420	3.23
2440	3.72
2460	3.3
2480	3.31
2500	3.04
2520	2.86
2540	2.48
2560	1.82
2580	1.58
2600	1.22
2620	0.87
2640	0.78
2660	0.54
2680	0.44
2700	-0.23

(c) Directional diagram



3. WIFI & BT & GPS antenna

(a) WIFI & BT & GPS antenna information

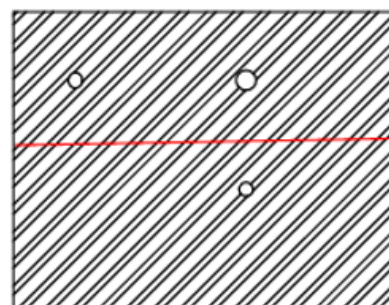
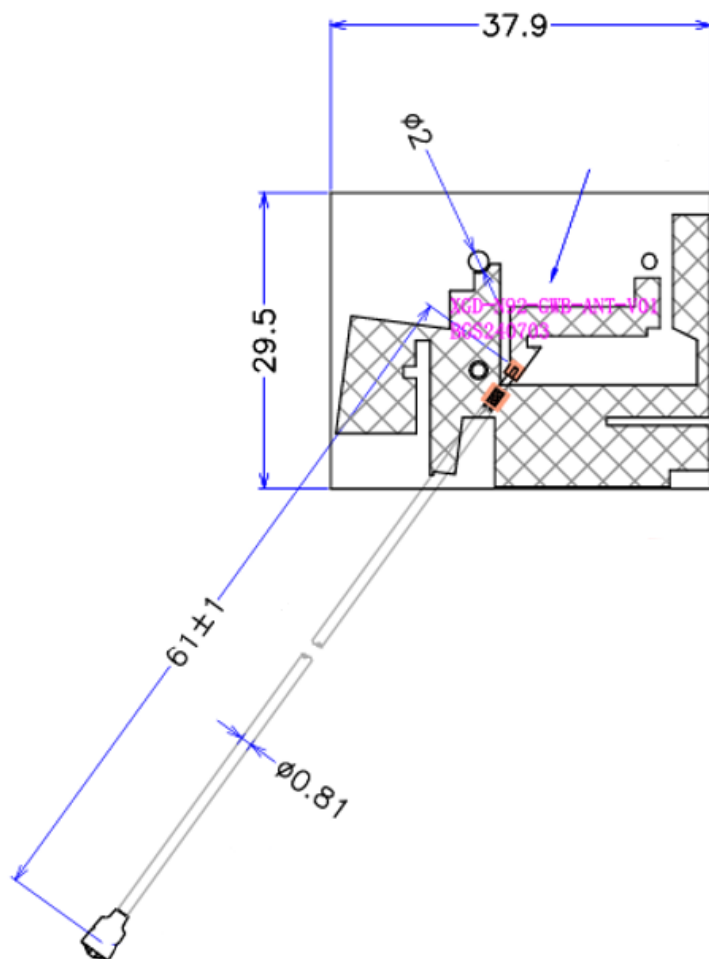
Manufacturer: Shenzhen Bogesi Communication Ttechnology co.,Ltd.

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

Antenna Type: FPC

Antenna Brand: Bogesi

Antenna Model: XGD-N92-GWB-ANT-V01



(b)Antenna gain

Freq (MHz)	Gain (dBi)
1560	2
1561	1.98
1562	2.01
1563	2.06
1564	2.13
1565	2.22
1566	2.3
1567	2.35
1568	2.36
1569	2.34
1570	2.27
1571	2.19
1572	2.12
1573	2.06
1574	2.05
1575	2.05
1576	2.08
1577	2.11
1578	2.11
1579	2.09
1580	2.02
2400	-1.7
2410	-1.65
2420	-2.12
2430	-1.8
2440	-1.19
2450	-1.13
2460	-0.88
2470	-0.72
2480	-0.4
2490	-0.26
2500	-0.29

Freq (MHz)	Gain (dBi)
5150	4.65
5160	4.53
5170	4.65
5180	4.55
5190	4.66
5200	4.63
5210	4.68
5220	4.66
5230	4.76
5240	4.53
5250	4.48
5260	4.31
5270	4.1
5280	4.08
5290	3.86
5300	4
5310	4.01
5320	4.08
5330	4.11
5340	4.05
5350	3.87
5360	3.88
5370	3.93
5380	3.84
5390	3.76
5400	3.65
5410	3.45
5420	3.1
5430	2.5
5440	2.2
5450	2.33
5460	2.29
5470	2.37
5480	2.15

Freq (MHz)	Gain (dBi)
5490	2.21
5500	2.15
5510	2.39
5520	2.48
5530	2.27
5540	2.3
5550	2.28
5560	2.44
5570	2.41
5580	2.44
5590	2.06
5600	1.63
5610	1.63
5620	1.64
5630	1.68
5640	1.41
5650	1.52
5660	1.37
5670	1.15
5680	1.17
5690	1.22
5700	1.38
5710	1.17
5720	1.33
5730	1.38
5740	1.44
5750	1.24
5760	1.03
5770	0.92
5780	0.91
5790	1.35
5800	1.36
5810	1.51
5820	1.54
5830	1.48
5840	1.52
5850	1.42

(c) Directional diagram

