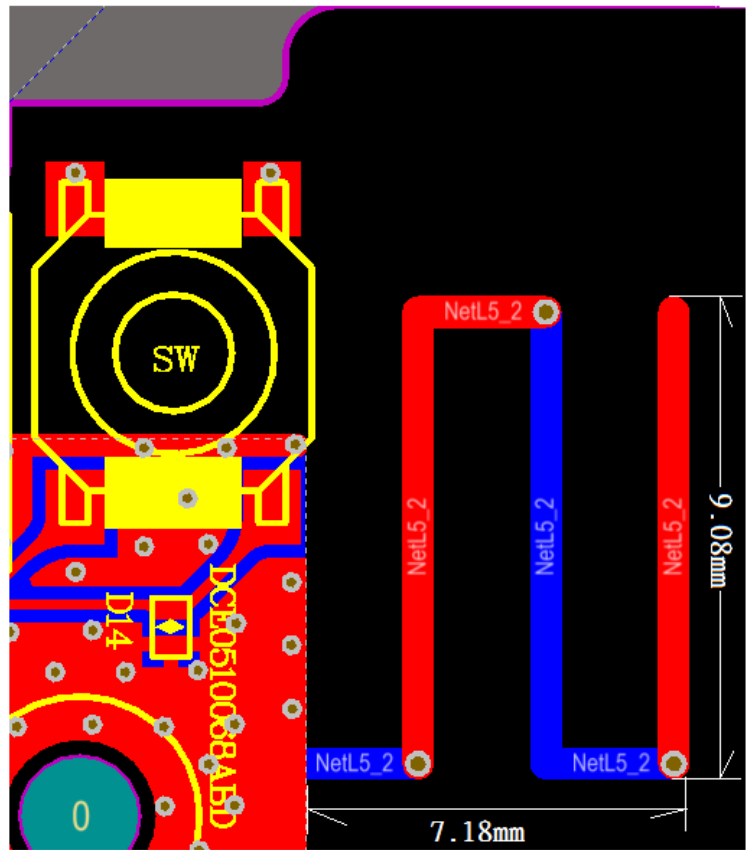


GW76 Antenna Spec

Antenna Information

Manufacturer name : DEXIN Corporation
Manufacturer address: 3F., NO. 30-1, Baogao RD., Xindian Dist., New Taipei City 23144, Taiwan (R.O.C)
Telephone: +886 2 8227 1093
Antenna type : Copper trace antenna
Copper trace antenna dimension:



Antenna gain : 3.92dBi
Frequency Range : 2400MHz-2483.5MHz

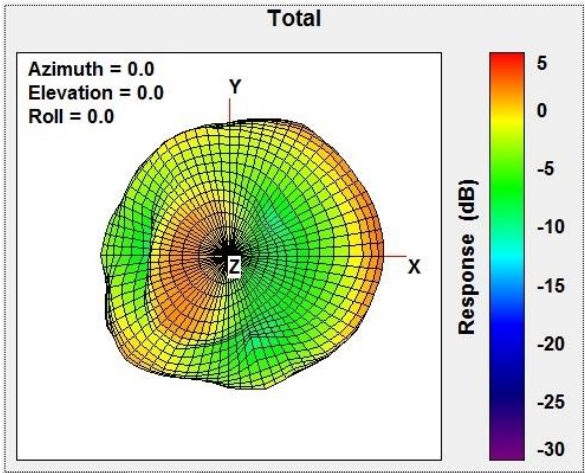
Antenna gain & Efficiency table:

Wireless Game Controller B			
Frequency (MHz)	2400	2440	2483.5
Point Values			
Ant. Port Input Pwr. (dBm)	0	0	0
Tot. Rad. Pwr. (dBm)	-1.39	-1.27	-1.76
Peak EIRP (dBm)	3.52	3.92	3.79
Directivity (dBi)	4.91	5.18	5.55
Efficiency (dB)	-1.39	-1.27	-1.76
Efficiency (%)	72.49	74.73	66.64
Gain (dBi)	3.52	3.92	3.79
NHPRP ±Pi/4 (dBm)	-2.56	-2.42	-2.69
NHPRP ±Pi/6 (dBm)	-3.85	-3.68	-3.92
NHPRP ±Pi/8 (dBm)	-4.94	-4.75	-4.93
Upper Hem. PRP (dBm)	-4.62	-4.31	-4.76
Lower Hem. PRP (dBm)	-4.19	-4.24	-4.54

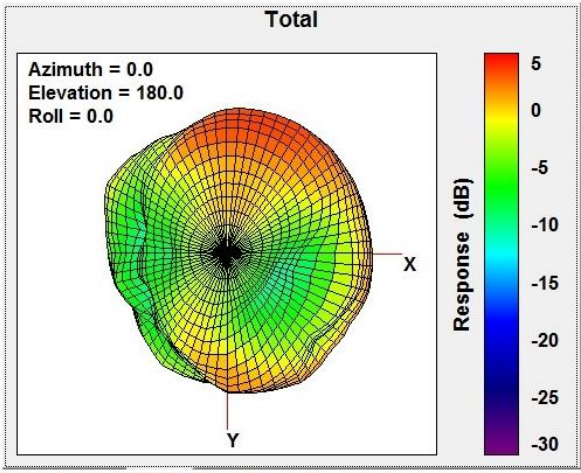
Test pattern condition:



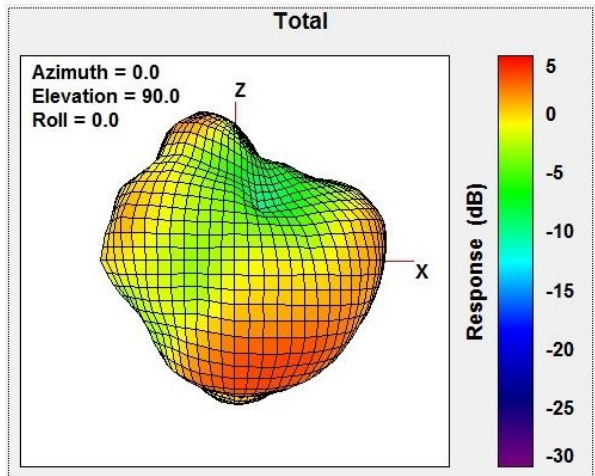
Antenna Pattern: 2400MHz



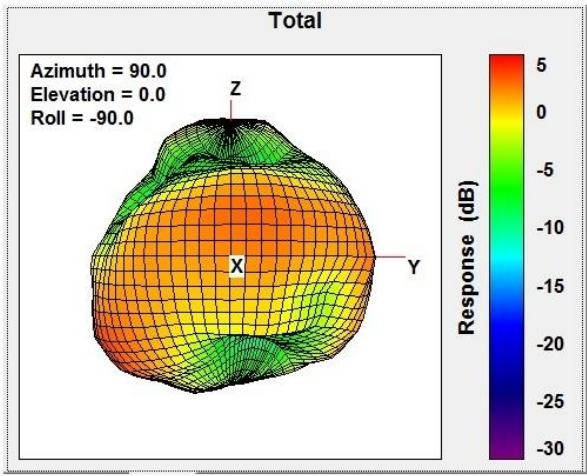
Total Gain Top view 2400MHz



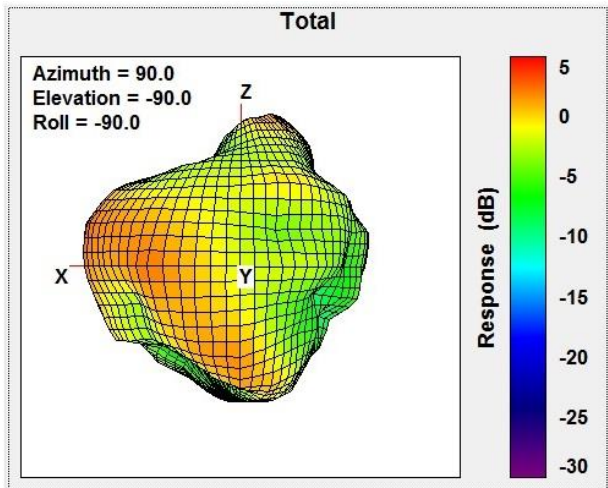
Total Gain bottom view 2400MHz



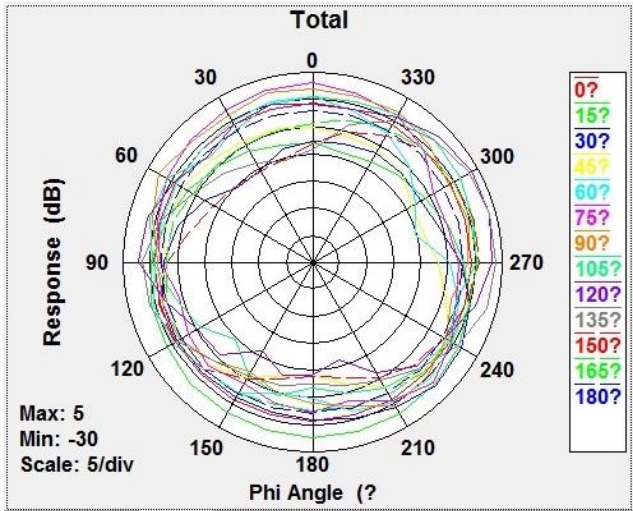
Total Gain Back Face view 2400MHz



Total Gain Left Side view 2400MHz

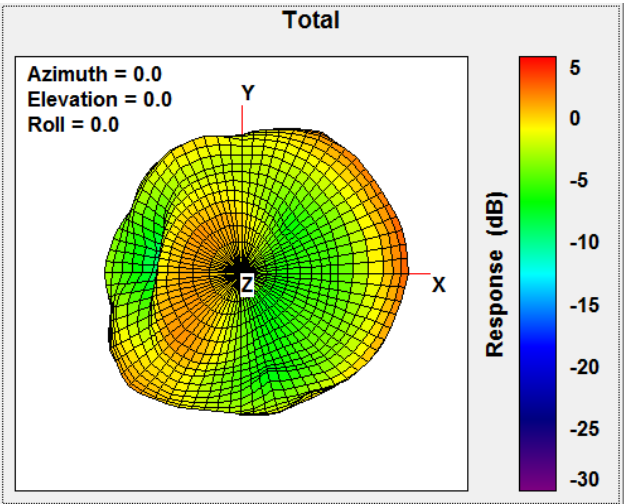


Total Gain Front Face view 2400MHz

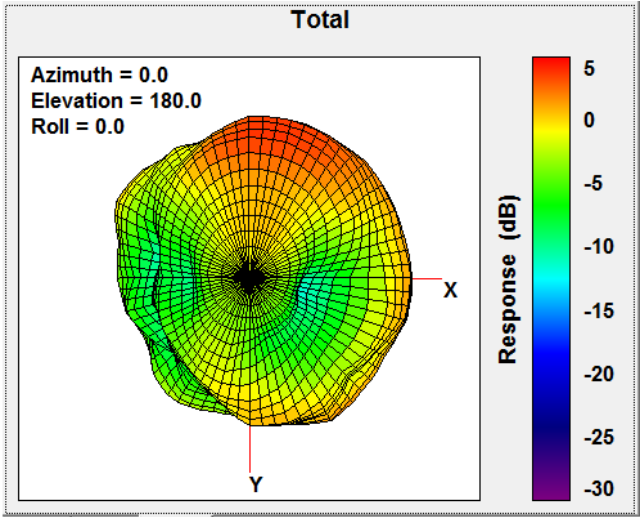


Total Gain Right Side view 2400MHz

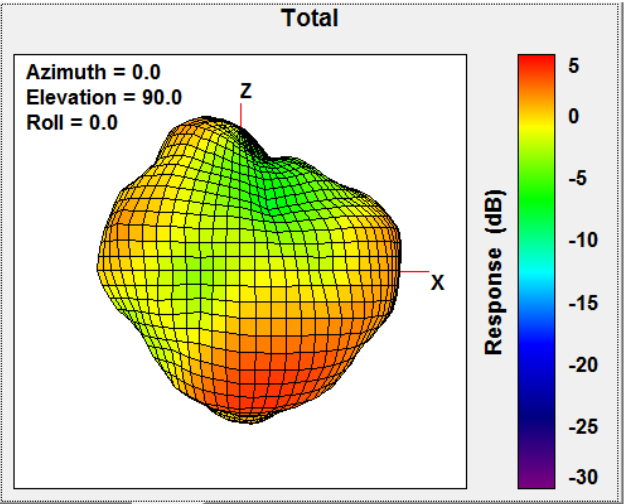
Antenna Pattern: 2440MHz



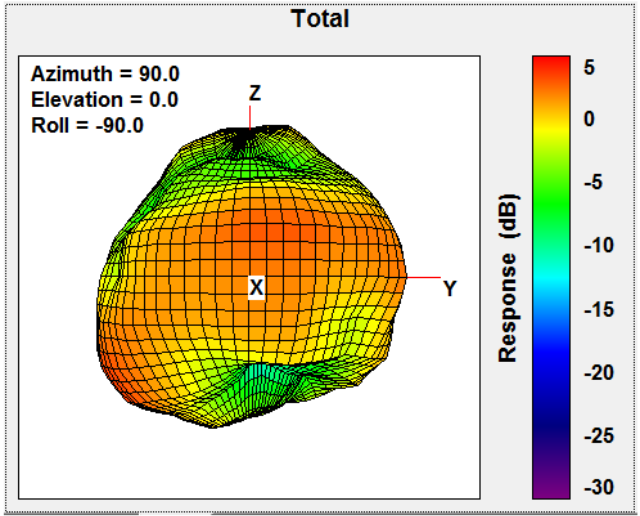
Total Gain Top view 2440MHz



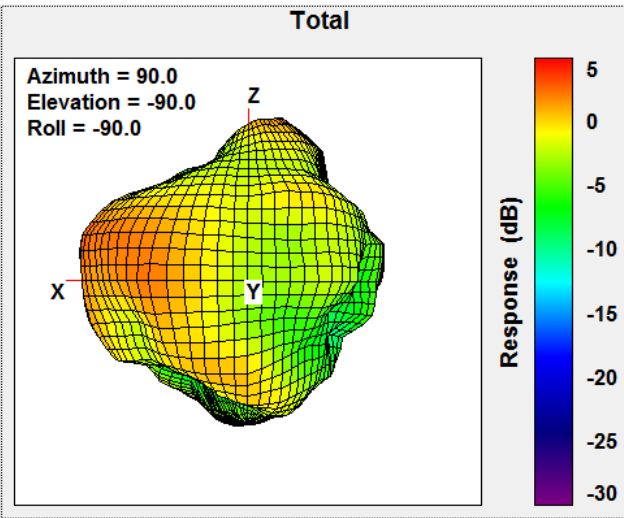
Total Gain Bottom view 2440MHz



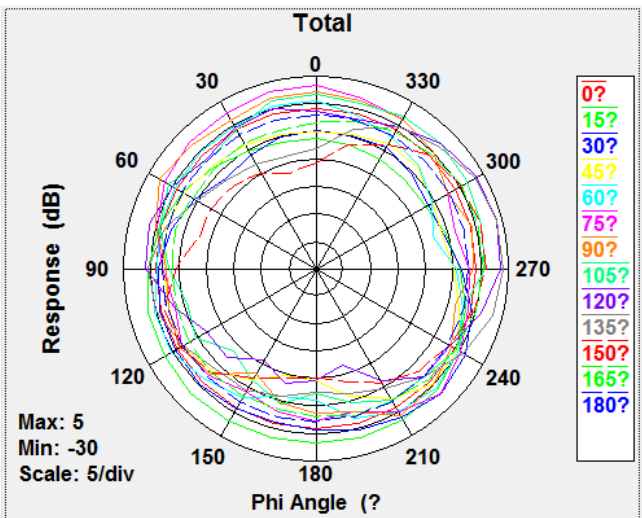
Total Gain Back Face view 2440MHz



Total Gain Left Side view 2440MHz

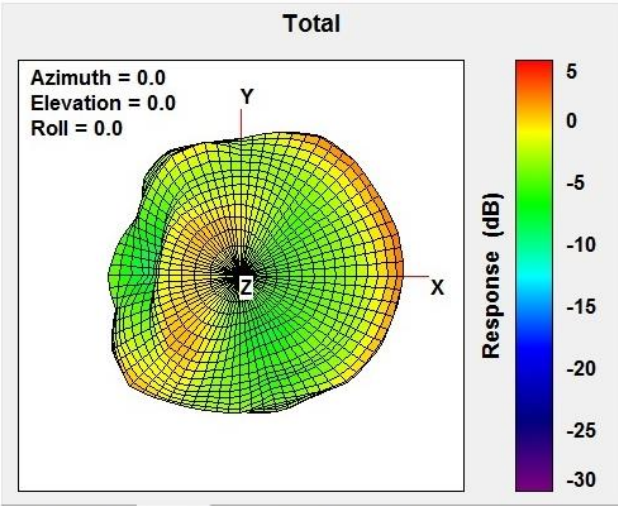


Total Gain Front Face view 2440MHz

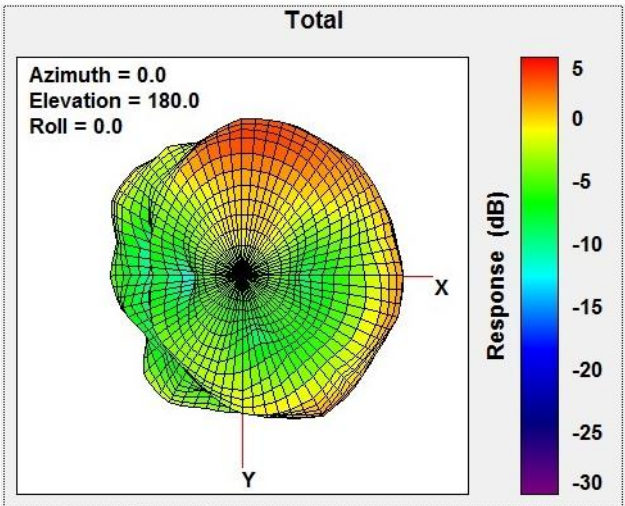


Total Gain Right Side view 2440MHz

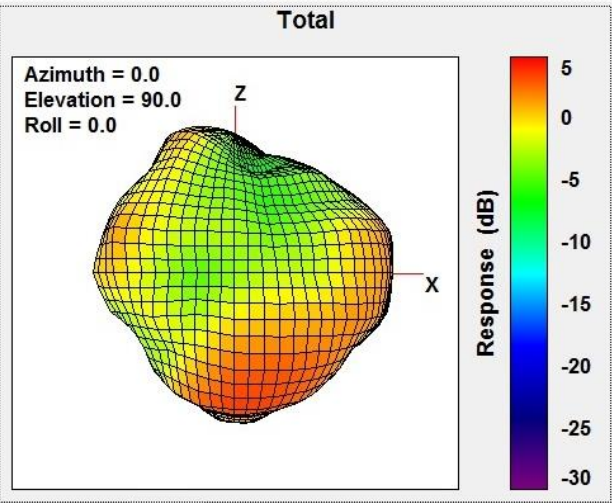
Antenna Pattern: 2483.5MHz



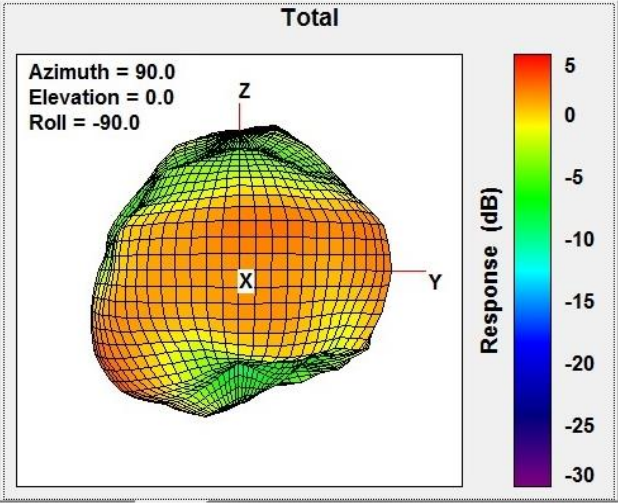
Total Gain Top view 2483.5MHz



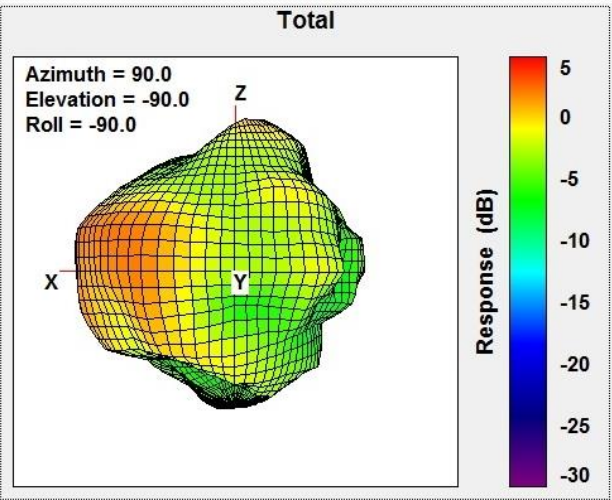
Total Gain Bottom view 2483.5MHz



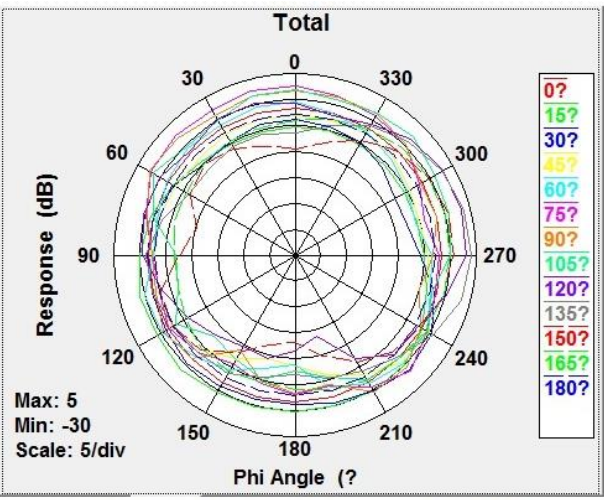
Total Gain Back Face view 2483.5MHz



Total Gain Left Side view 2483.5MHz



Total Gain Front Face view 2483.5MHz



Total Gain Right Side view 2483.5MHz