



TVC2-TX Antenna Report

MERRY Sounds Excellent

Presented by : Merry RF

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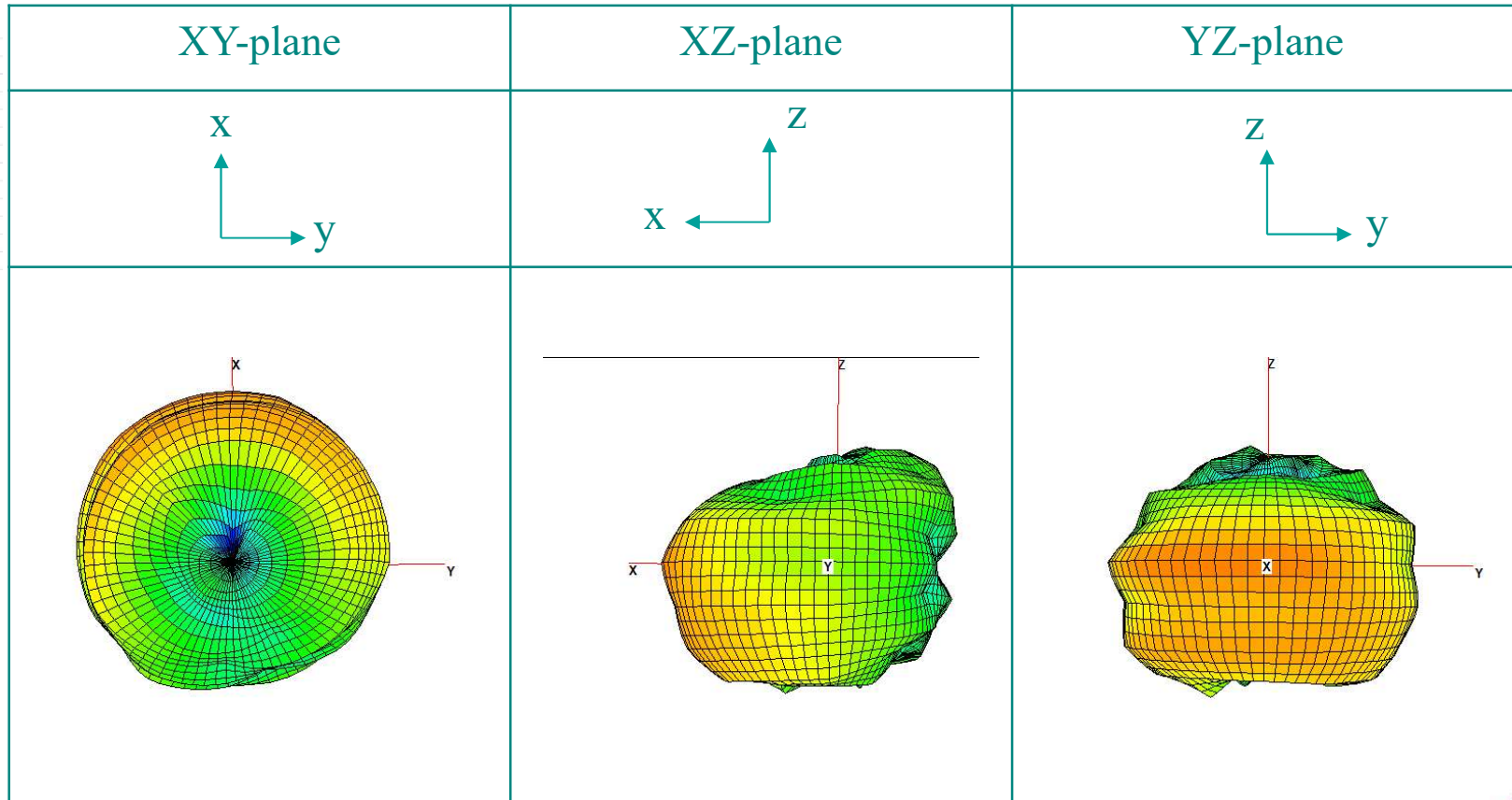
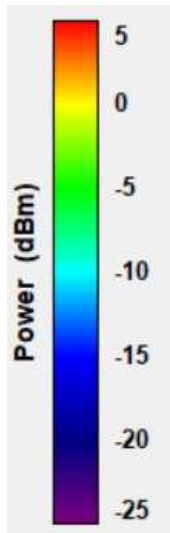
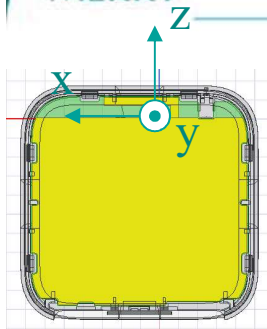


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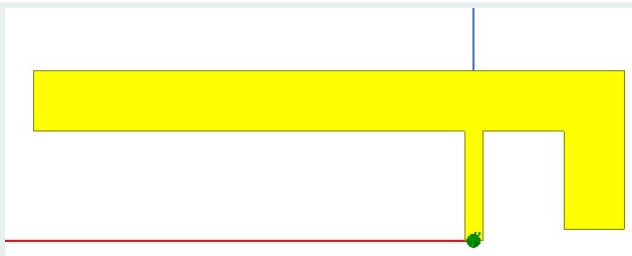
- Antenna Design & measured results(S11 and antenna pattern)
- Summary table
- Conclusion
- Manufacturer and Model number



3D Radiation pattern



Summary table

	Antenna performance			
	Antenna Type	Inverter F		
				
		Frequency	2.4GHz	2.44GHz
MX-666 R3	Peak Gain	3.38 dBi	3.35 dBi	2.8 dBi
	Efficiency	63.9 %	64.59 %	61.19 %

Conclusion

According to the measured results, the conclusions are as follows:

1. The average antenna efficiency is around 65%
2. The peak gain of the antenna is 3.38 dBi @ 2400 MHz, 3.35 dBi @2440MHz, 2.8dBi @2480MHz



Manufacturer and Model No.

Antenna Manufacturer:

Merry Electronics (Shenzhen) Co., Ltd. The Second Longhua Branch

Address: Floor 1~5, Building A & B, Merry Industrial Park, Huarong Road, Dalang Street, Longhua New District, Shenzhen City, Guangdong Province, China

Model number of the antenna:

MX-666 R3

Thank You

Delivering Fidelity Sound to Enrich Human's Life

