

ALLISCOM

CE400

LTE Terminal Antenna

Data Sheet



Model No. CE400

Feature For 698~787/791~960/1710~2170/2500~2700 MHz
Straight / 90° Elbow Connector
High Efficiency for Cellular/LTE
Dipole terminal antenna
Omni direction

Description CE400 is a high performance and quality dipole antenna for Cellular/LTE application.
The antenna features high efficiency and meet all of the 698~787/791~960/1710~2170/2500~2700 MHz performance standard. CE400 is customizable to a straight or a elbow type SMA connector.

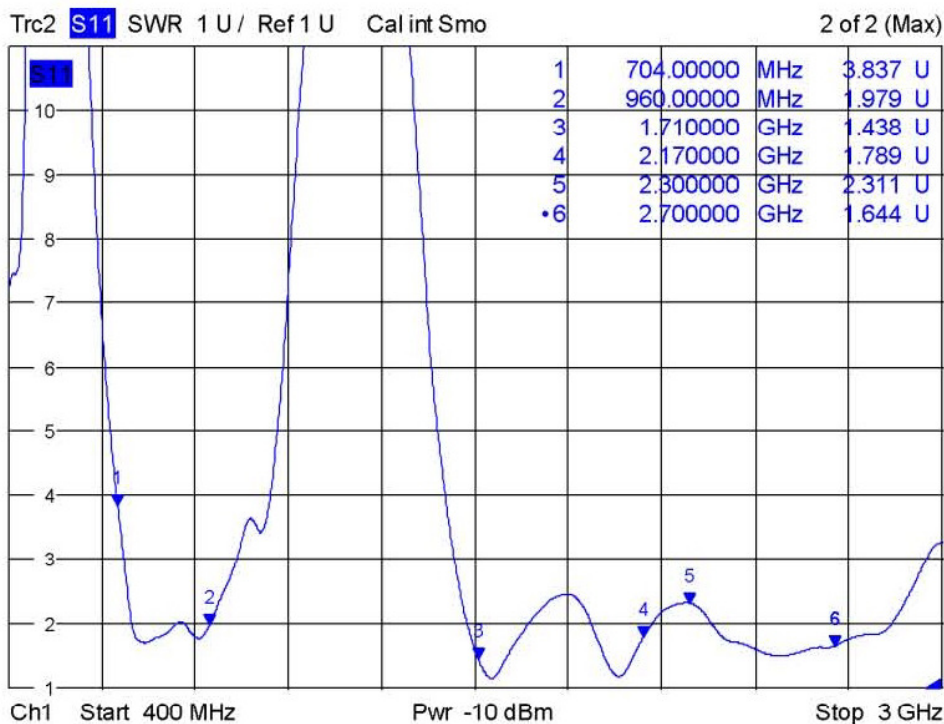
1. Electrical Specifications

1.1 Electrical Date

Frequency(MHz)	698~787	791~960	1710~2170	2500~2700
VSWR	4.5 Max.	4.5 Max.	2.5 Max.	2.5 Max.
Peak Gain(dBi) 3D	1.94	1.96	2.65	5.85
Efficiency 3D	55.9%	63.8%	72.8%	72.5%
Average Gain(dBi) 3D	-2.64	-1.96	-1.42	-1.42
Peak Gain(dBi) @X-Y	1.94	1.96	2.97	3.11
Efficiency@X-Y	72.8%	92.0%	94.2%	41.6%
Average Gain(dBi) @X-Y	-1.38	-0.36	-0.26	-3.81
Impedance	50Ω			
Pattern Type/ Polarization	Omni – direction / Linear			

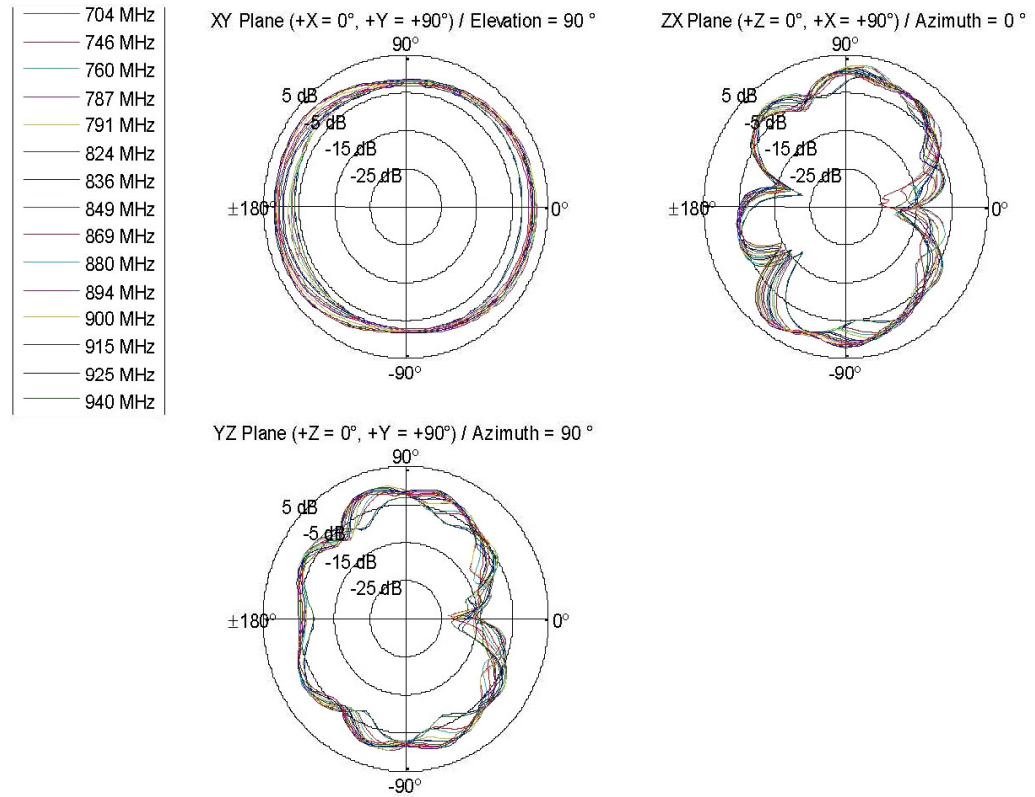
1.2 Antenna Characteristics

- VSWR

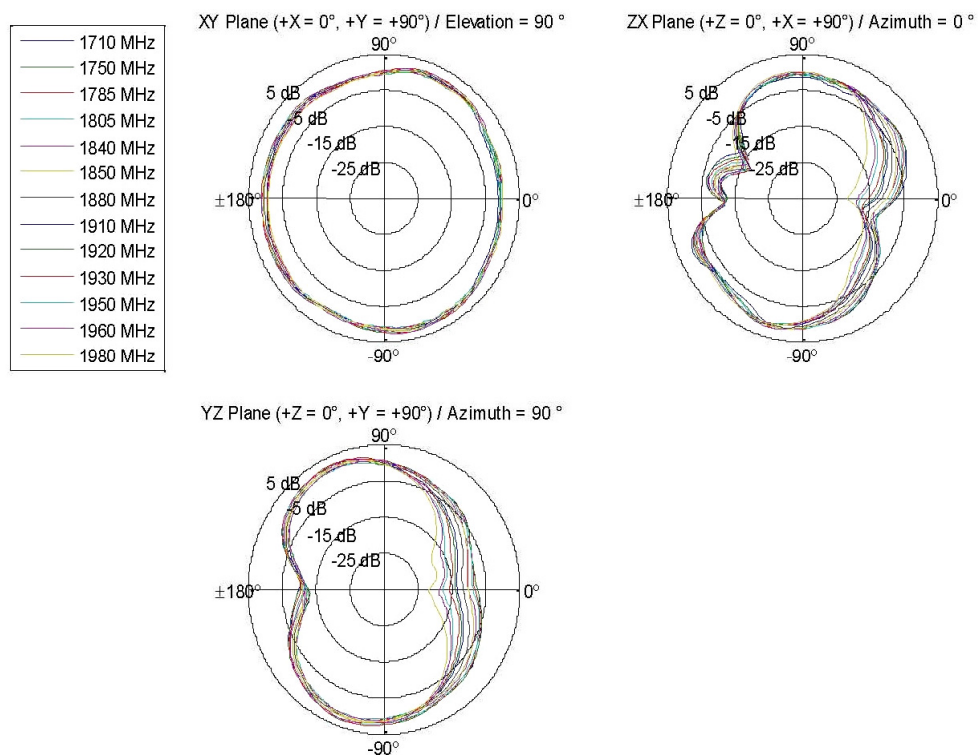


● Radiation Pattern

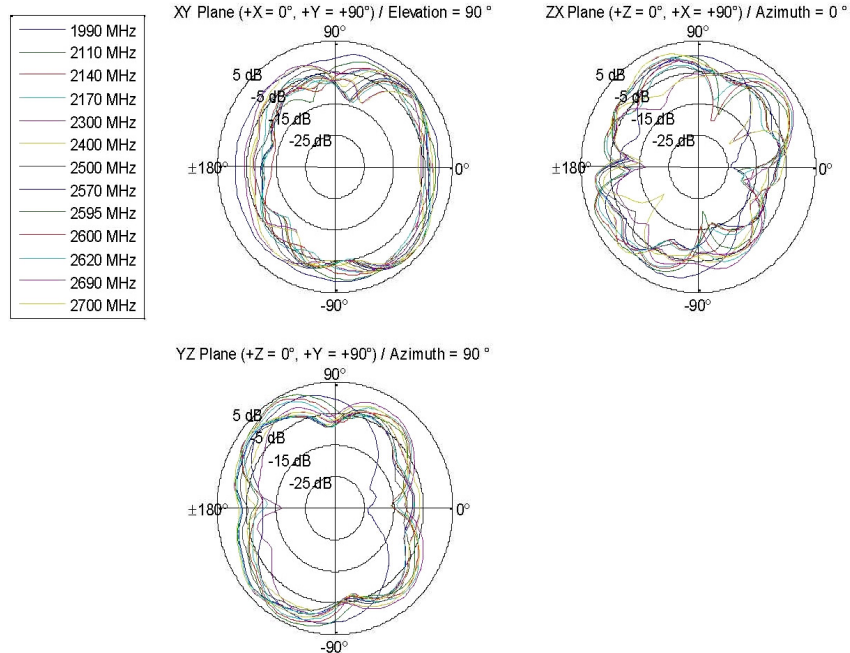
3977-C57-L Band = 698 - 960 MHz % LTE-L Band



3977-C57-H1 Band = 1710 - 1980 MHz % LTE-H1 Band



3977-C57-H2 Band = 1990 - 2700 MHz % LTE-H2 Band



2. Mechanical Specifications

2.1 Mechanical Data

Item	Specification	Item	Specification
Weight	22 grams max.	Material	ABS
Size	13.5x (176.6±2mm / 150.4±2mm)	Operation Temp.	-10°~+55°
Color	Black	Connector	SMA male

2.2 Dimensions

