



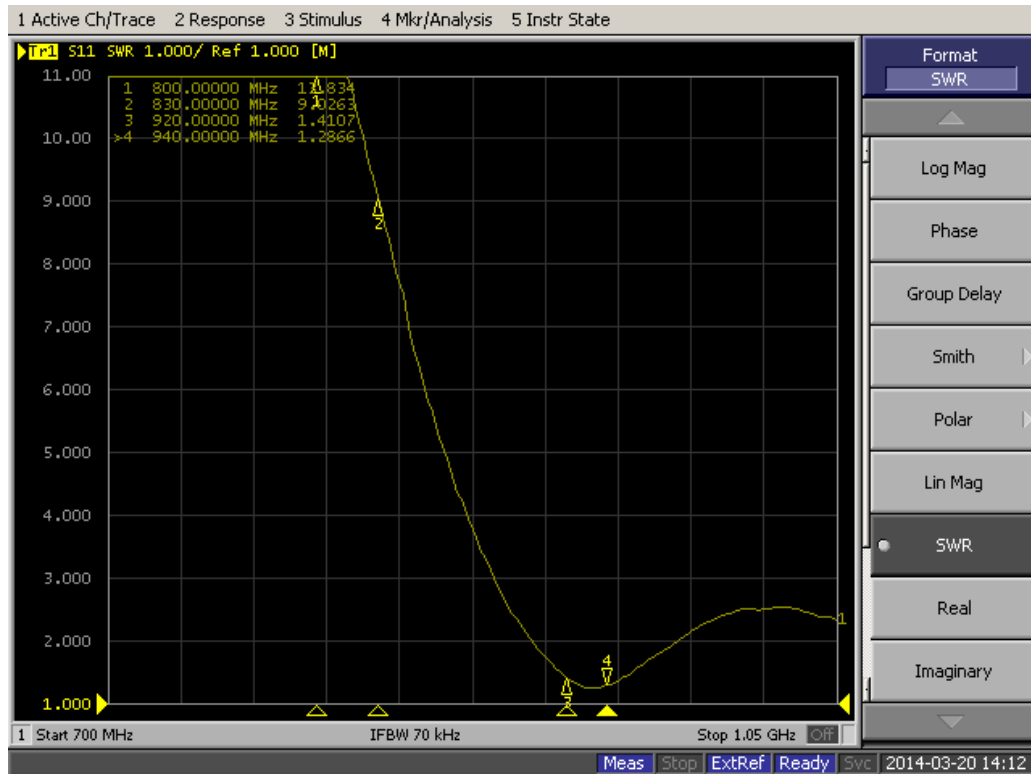
# Specifications Sheet

|                                |                                                       |                          |                  |      |        |
|--------------------------------|-------------------------------------------------------|--------------------------|------------------|------|--------|
| Object                         | External Antenna                                      | Rev.                     | IR               | Page | 1 of 1 |
| Model name                     | CTA 920/0/WR/SM/W1                                    | Date                     | January 16, 2014 |      |        |
| System                         |                                                       | Written by               |                  |      |        |
| Electrical Specifications      |                                                       |                          |                  |      |        |
| Frequency                      |                                                       | 920 MHz ± 20 MHz         |                  |      |        |
| Bandwidth                      |                                                       | 40 (MHz)                 |                  |      |        |
| V.S.W.R                        |                                                       | 1.9 : 1 Max.             |                  |      |        |
| Gain (max)                     |                                                       | 0 ± 1 (dBi)              |                  |      |        |
| Input Impedance                |                                                       | 50 (Ω)                   |                  |      |        |
| Polarization/ Directional      |                                                       | Linear/ Omni-directional |                  |      |        |
| Mechanical Specifications      |                                                       |                          |                  |      |        |
|                                |                                                       |                          |                  |      |        |
| Connector                      |                                                       | SMA Male                 |                  |      |        |
| Dimensions (Length x Diameter) |                                                       | 124 mm x 10 mm           |                  |      |        |
| Radiator Material              |                                                       | Copper                   |                  |      |        |
| Operation Temperature          |                                                       | -20 ~ 70 (℃)             |                  |      |        |
| Operation Humidity             |                                                       | 10 ~ 90 (%)              |                  |      |        |
| Option                         |                                                       |                          |                  |      |        |
| Others                         | Specifications subject to change without any notice ! |                          |                  |      |        |

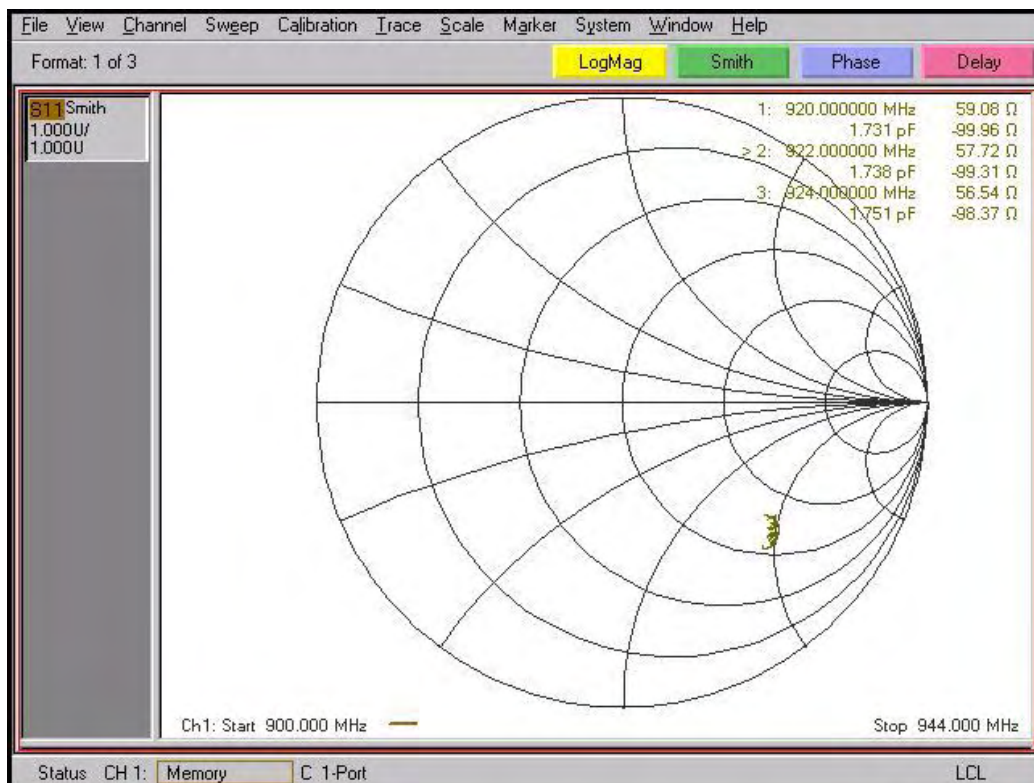
**Fig 1. V.S.W.R**



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**Fig 2. Smith Chart**



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