

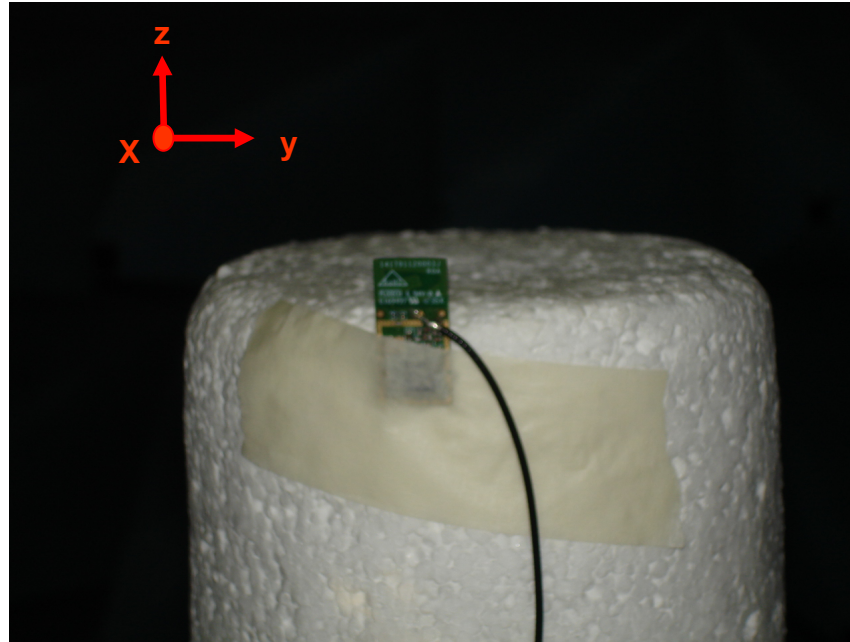


**Antenna Report \_Version 1.0  
\_for WN7911B-ZZ-R0A  
\_3-cut plane**

Tom & John  
Sep 20, 2012

- Measurement Setup.
- Antenna VSWR.
- Antenna Radiation Pattern.
- Antenna Radiation Gain List.

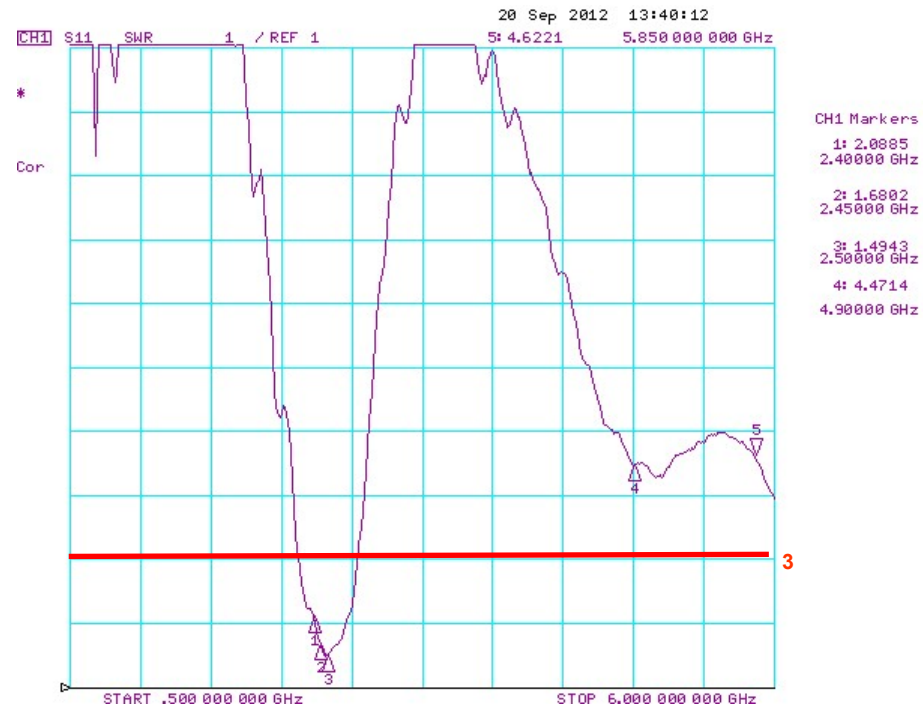
## ■ Setup



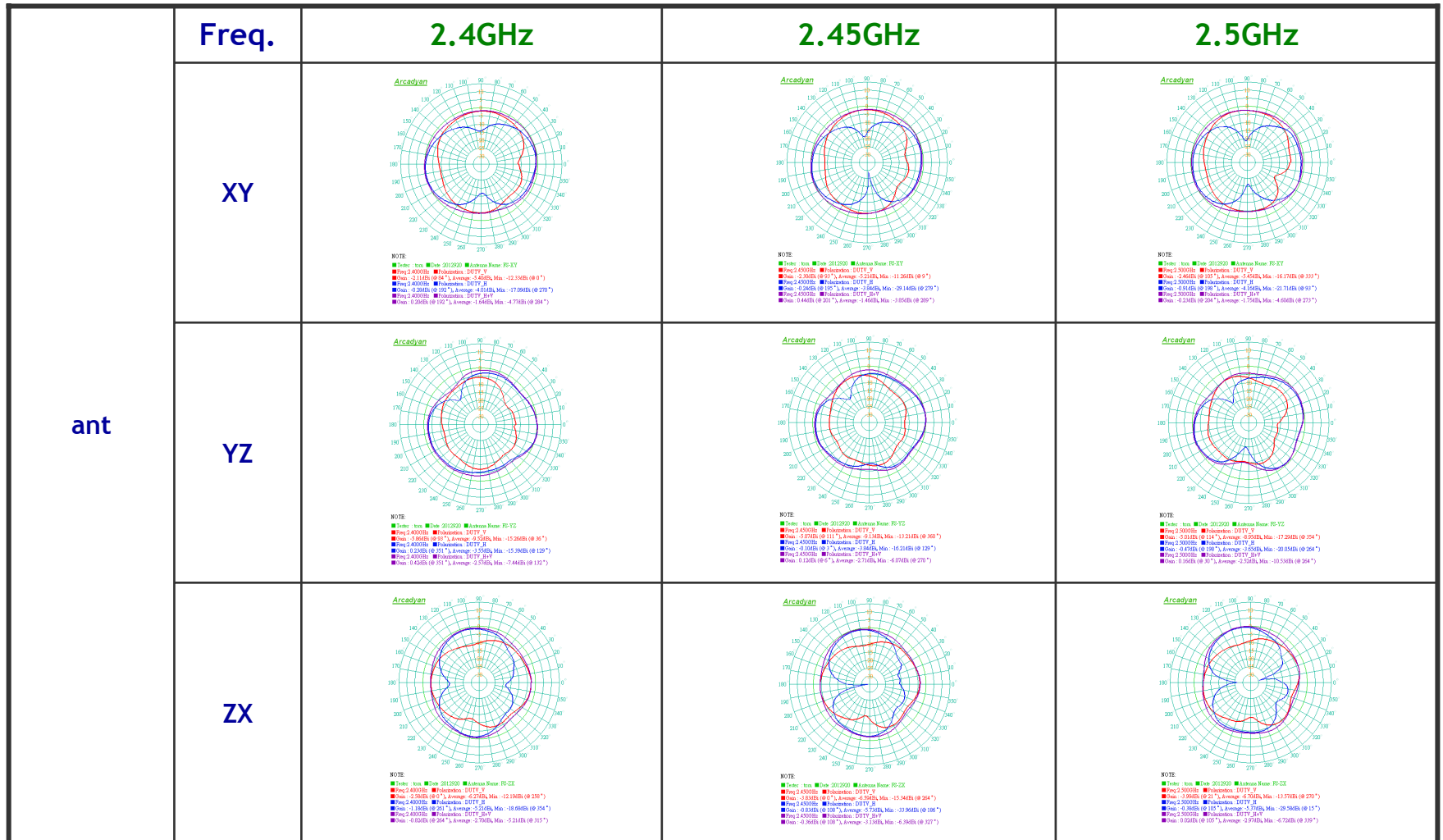
- Antenna Type : PCB Antenna.
- Cable Type : 1.37 + I-PEX Connector.

ant

b/g



## Antenna Radiation Pattern



## ■ Antenna Radiation Average Gain List

| H+V Gain |    | Freq. (GHz)       | 2.4   | 2.45  | 2.5   |
|----------|----|-------------------|-------|-------|-------|
| ant      | XY | Peak Gain ( dBi ) | 0.20  | 0.44  | -0.23 |
|          |    | Avg. Gain ( dBi ) | -1.64 | -1.46 | -1.75 |
|          | YZ | Peak Gain ( dBi ) | 0.42  | 0.12  | 0.16  |
|          |    | Avg. Gain ( dBi ) | -2.57 | -2.71 | -2.52 |
|          | ZX | Peak Gain ( dBi ) | -0.82 | -0.36 | 0.02  |
|          |    | Avg. Gain ( dBi ) | -2.70 | -3.13 | -2.97 |