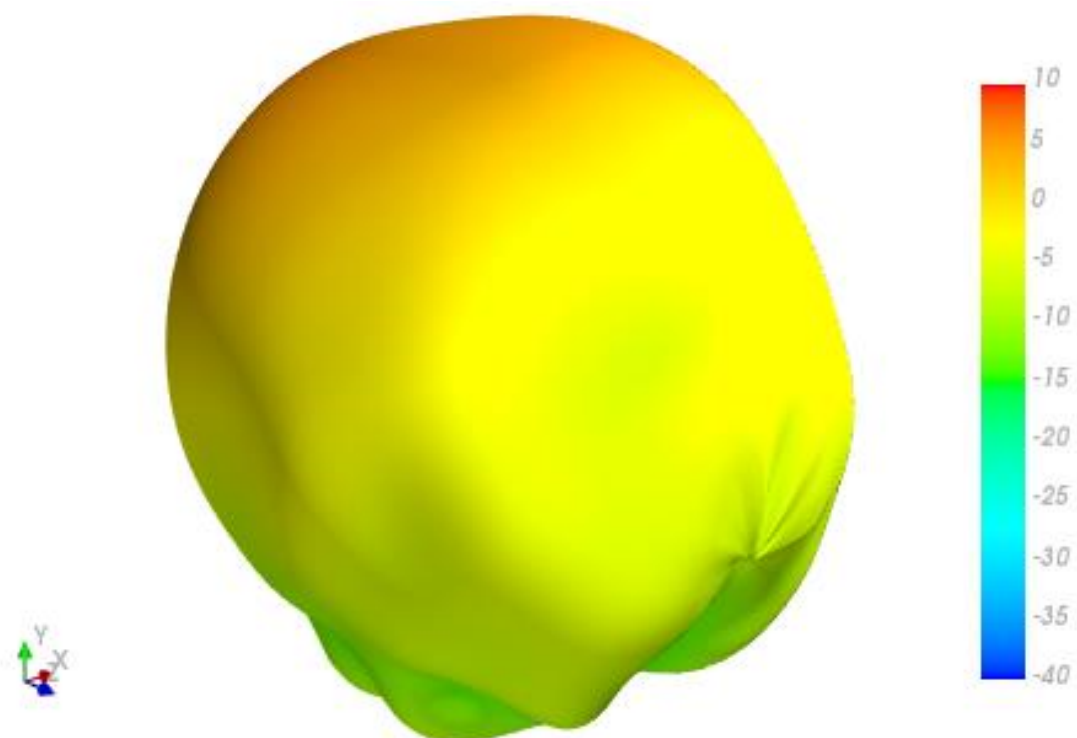
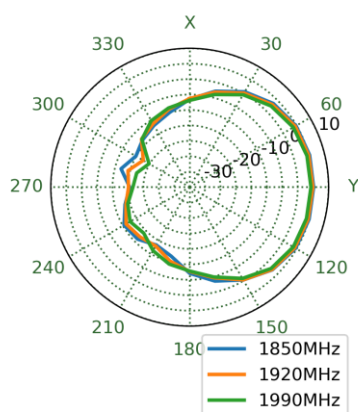


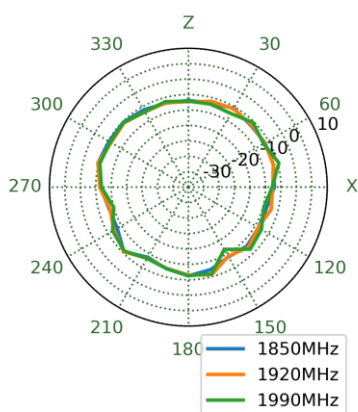
1920MHz



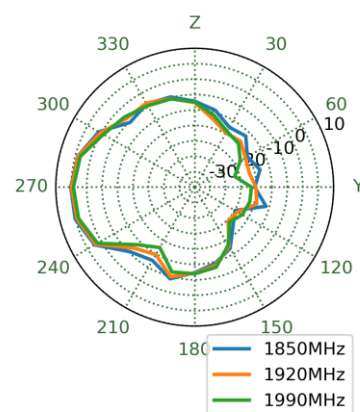
XY Plane



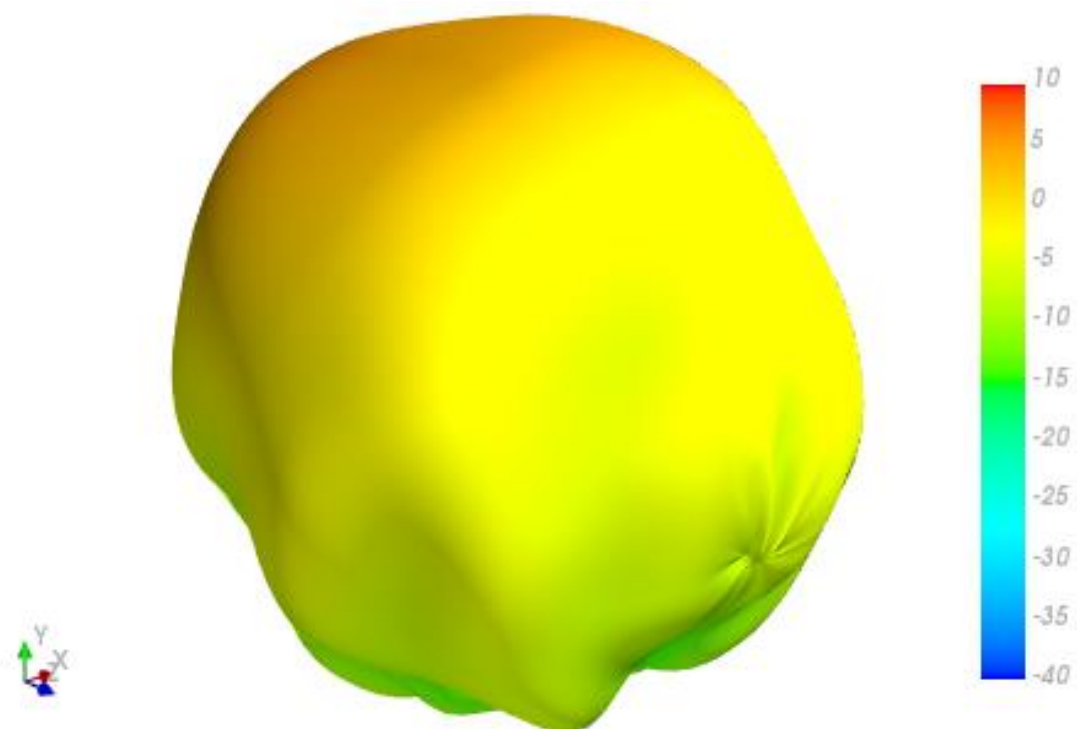
XZ Plane



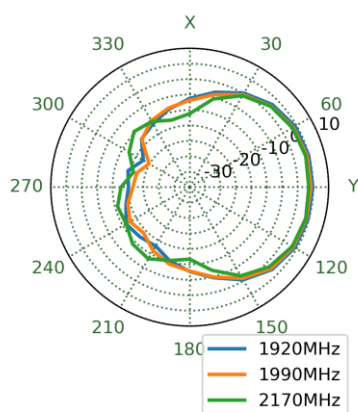
YZ Plane



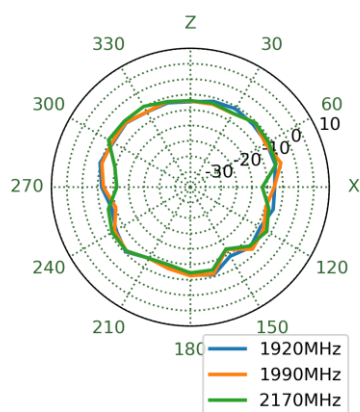
1990MHz



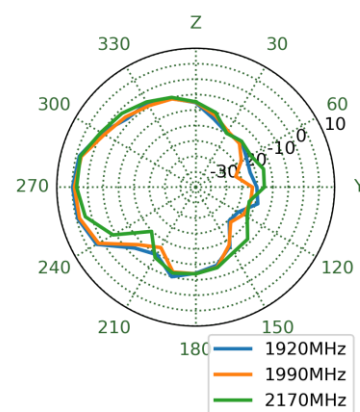
XY Plane



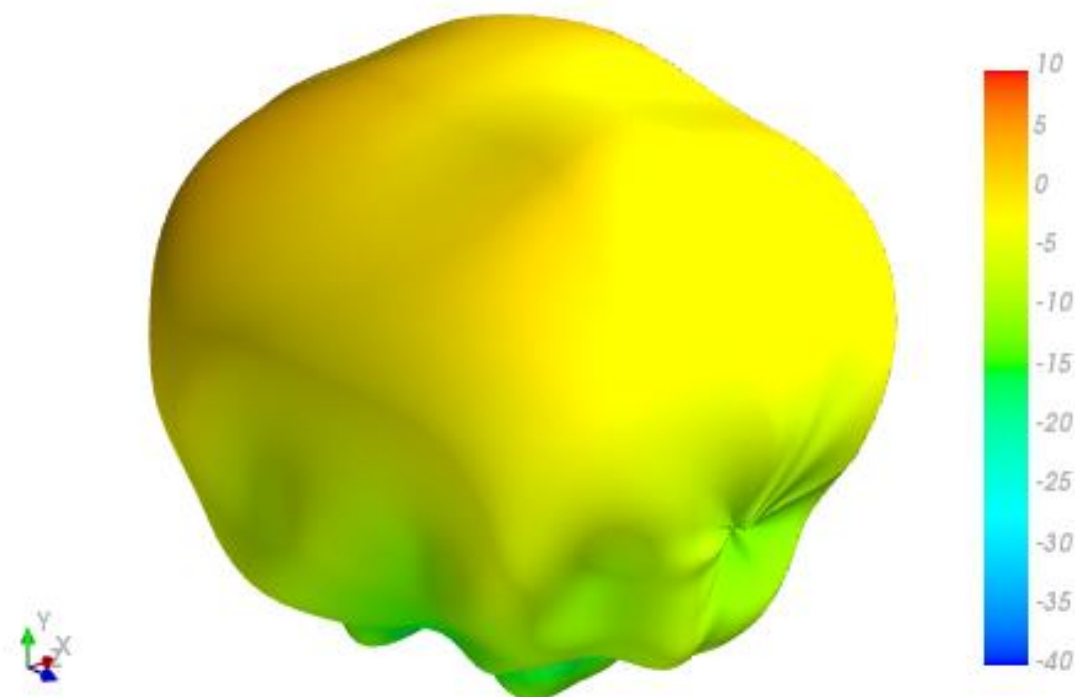
XZ Plane



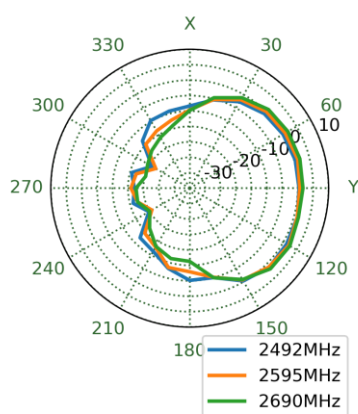
YZ Plane



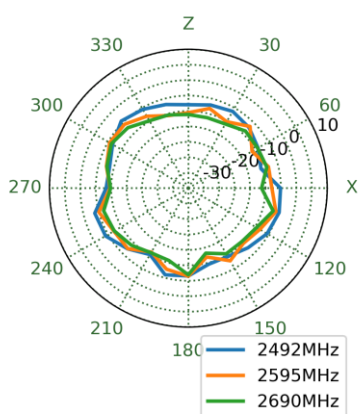
2595MHz



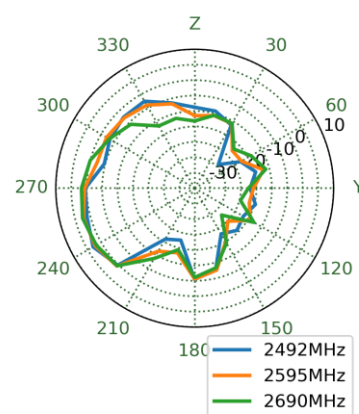
XY Plane



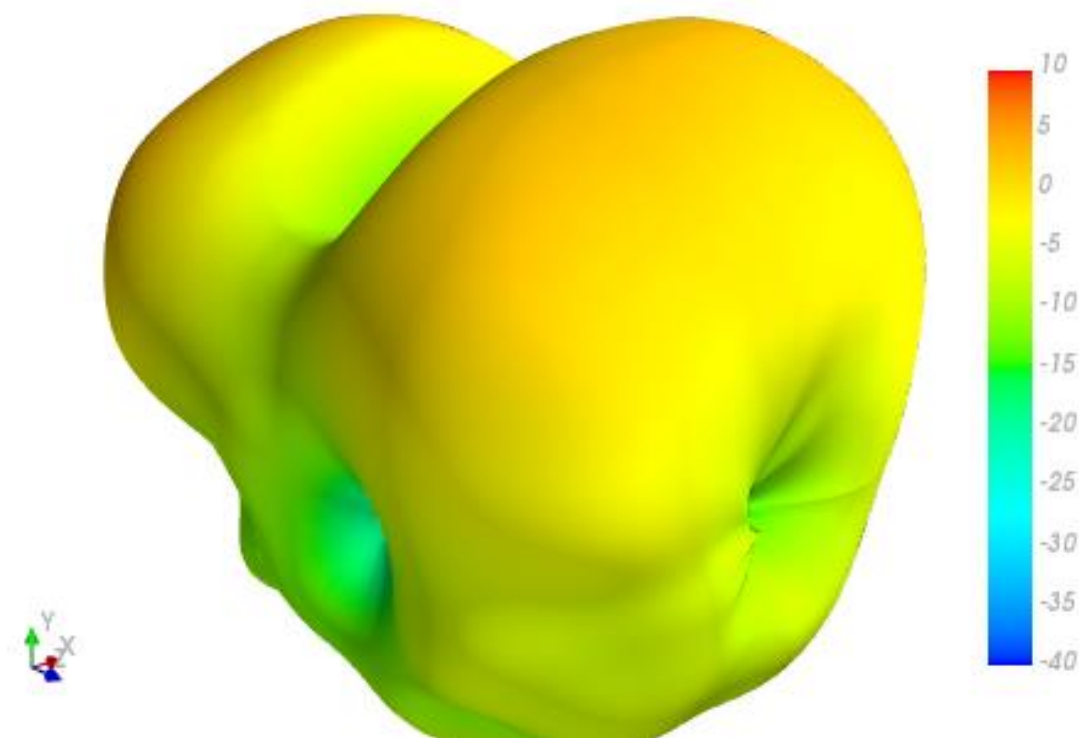
XZ Plane



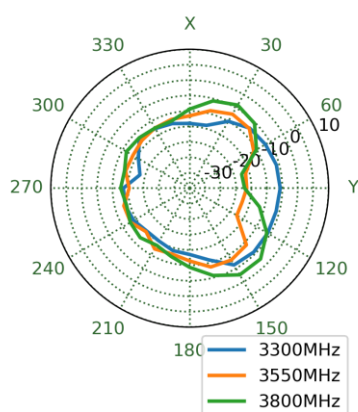
YZ Plane



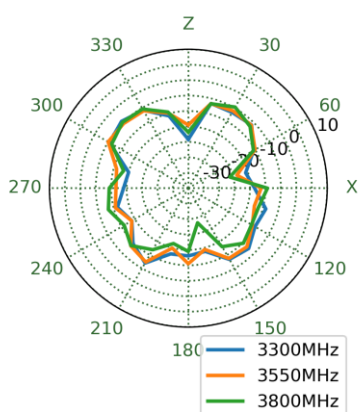
3550MHz



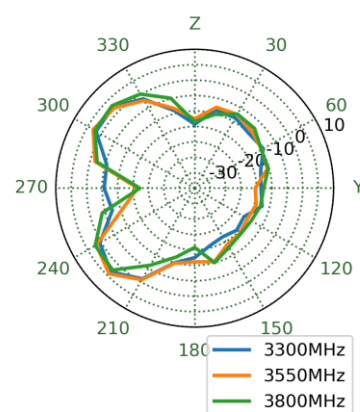
XY Plane



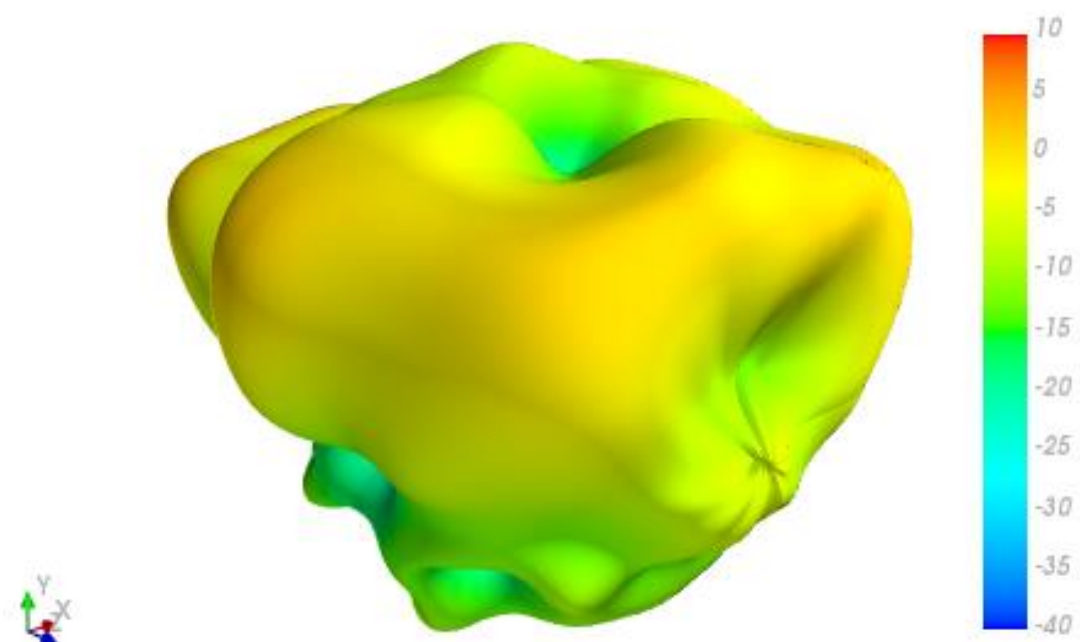
XZ Plane



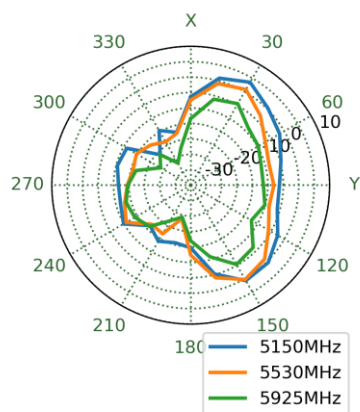
YZ Plane



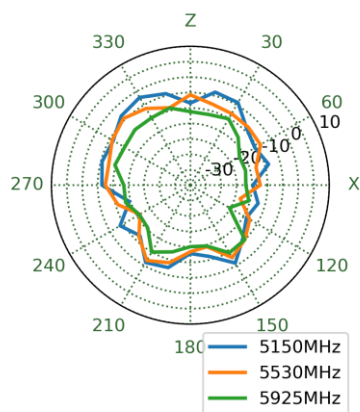
5530MHz



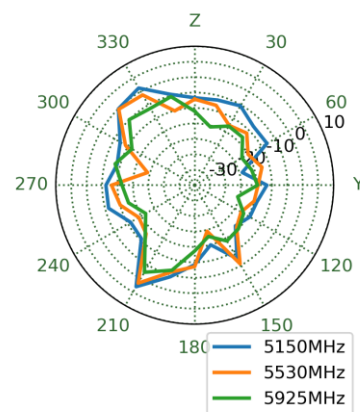
XY Plane



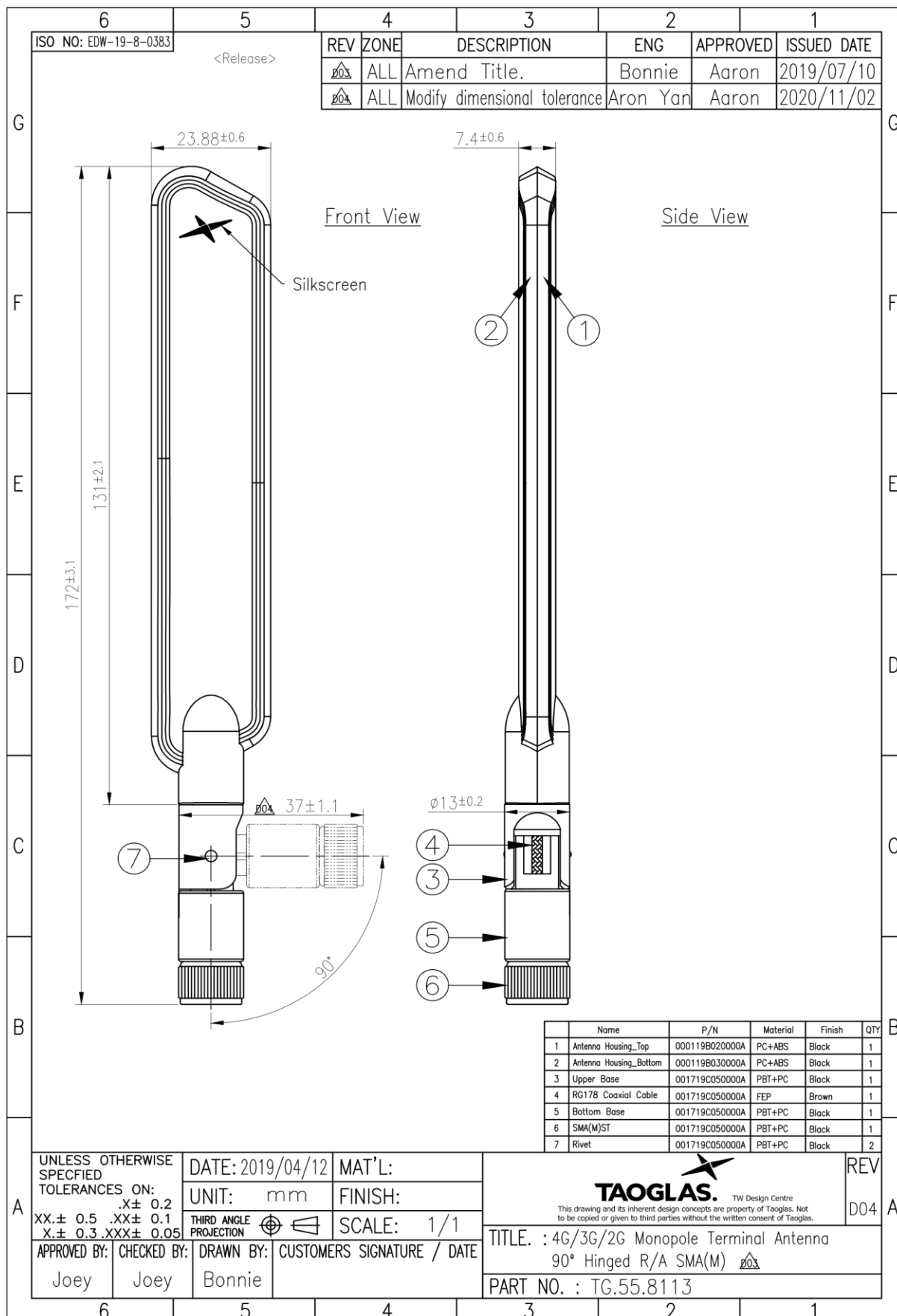
XZ Plane



YZ Plane

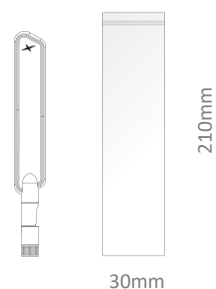


## 5. Mechanical Drawing (Units: mm)



## 6. Packaging

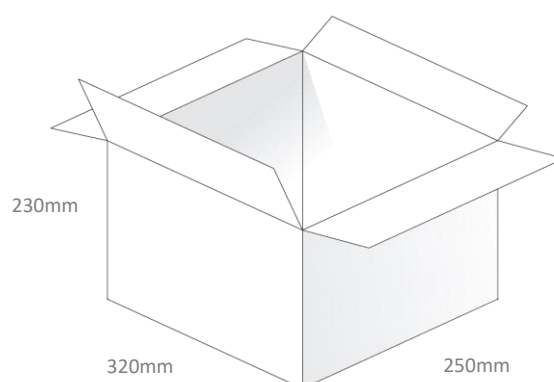
1pc TG.55.8113 per Small PE Bag  
Dimensions: 30\*210mm  
Weight: 31g



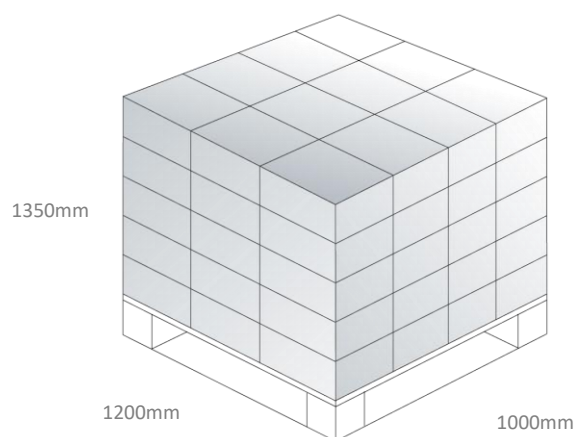
20pcs per Large PE Bag  
Dimensions: 180\*265mm  
Weight: 620g



400pcs TG.55.8113 per Carton  
Carton Dimensions: 320\*250\*230mm  
Weight: 13Kg

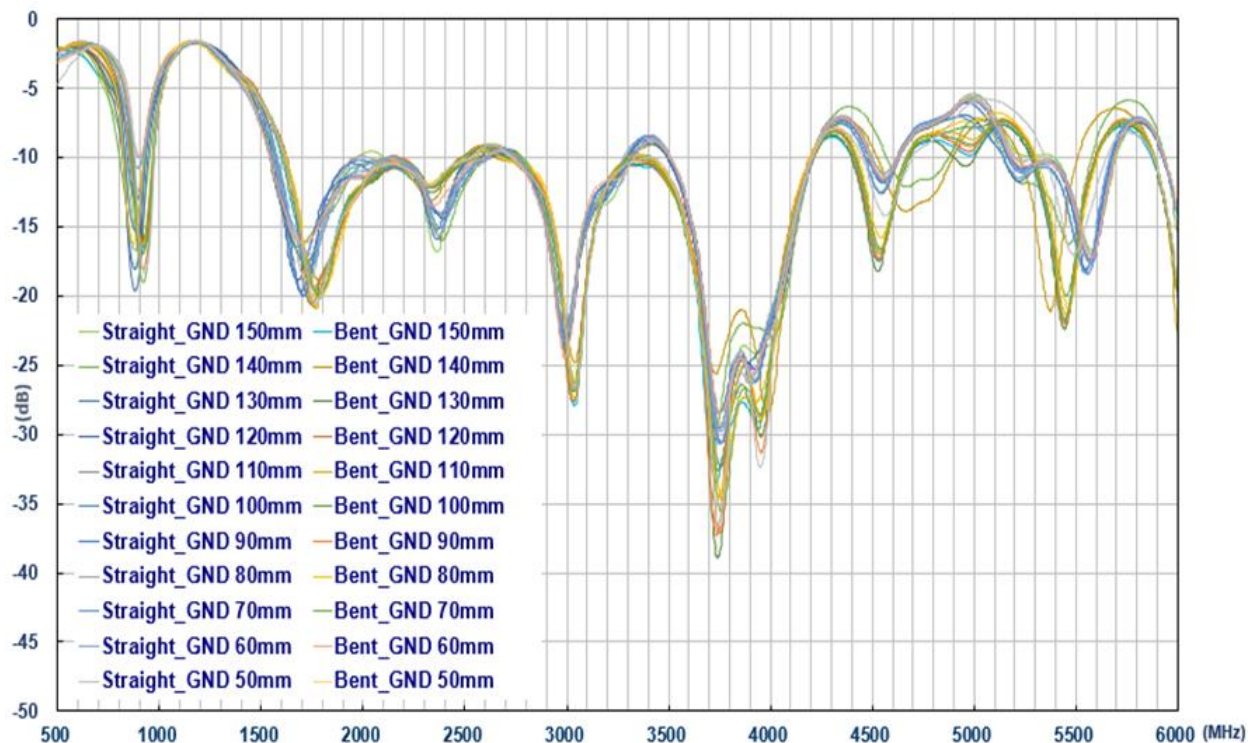


Pallet Dimensions:  
1200\*1000\*1350mm  
60 Cartons per Pallet  
12 Cartons per layer, 5 Layers

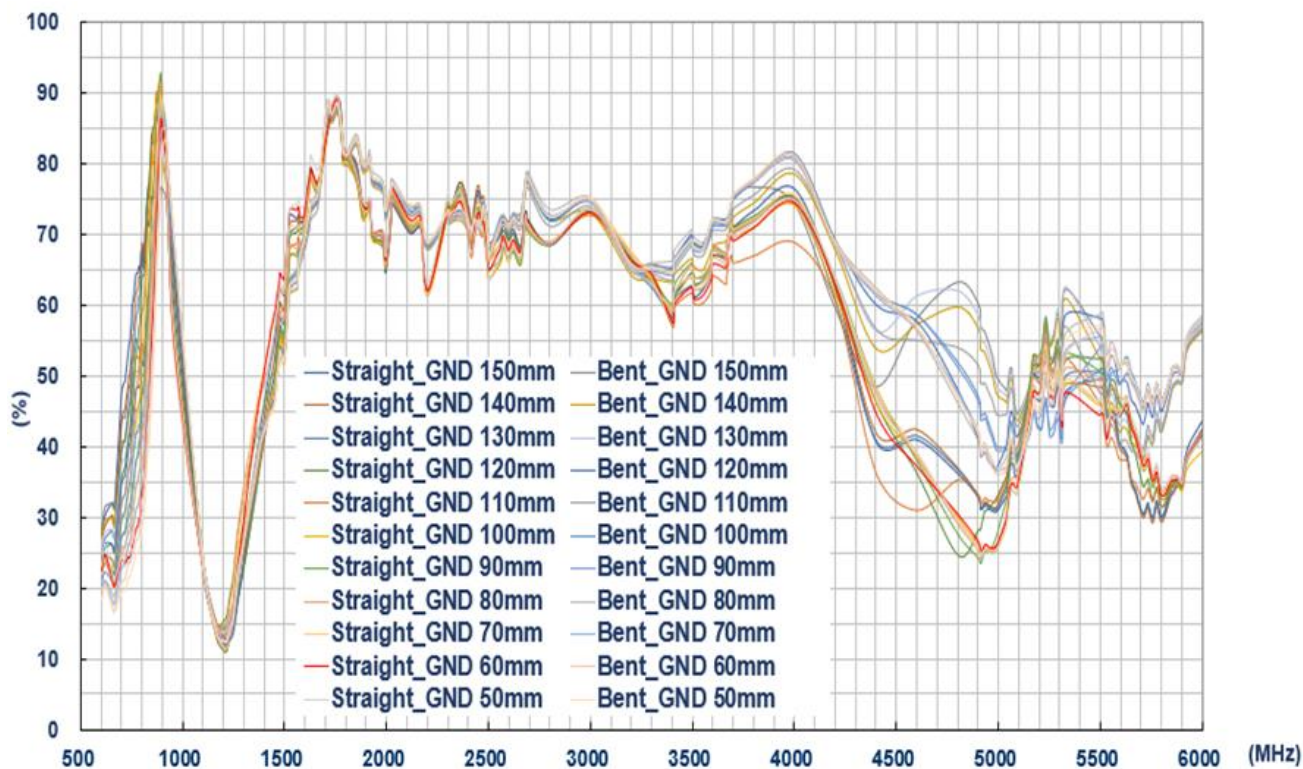


## 7. Application Note

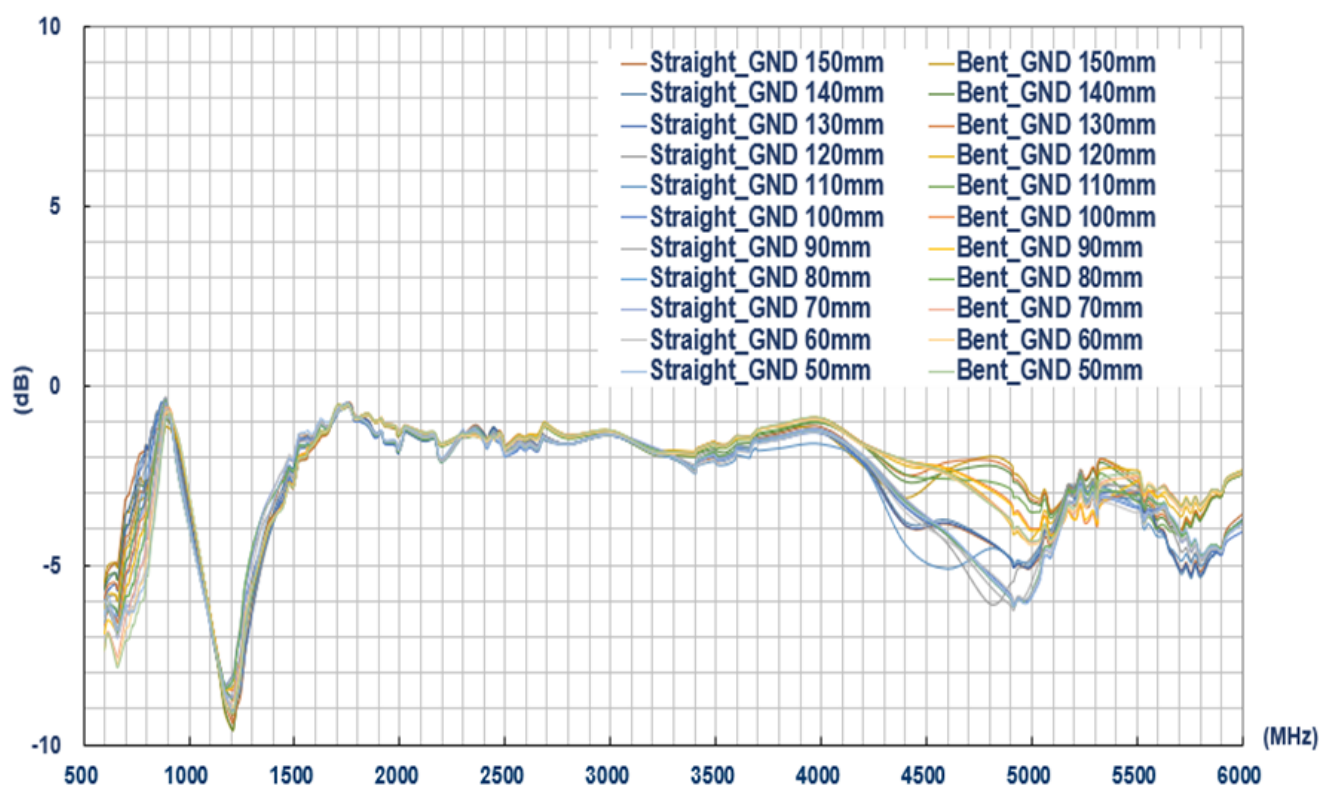
### 3.1 Return Loss



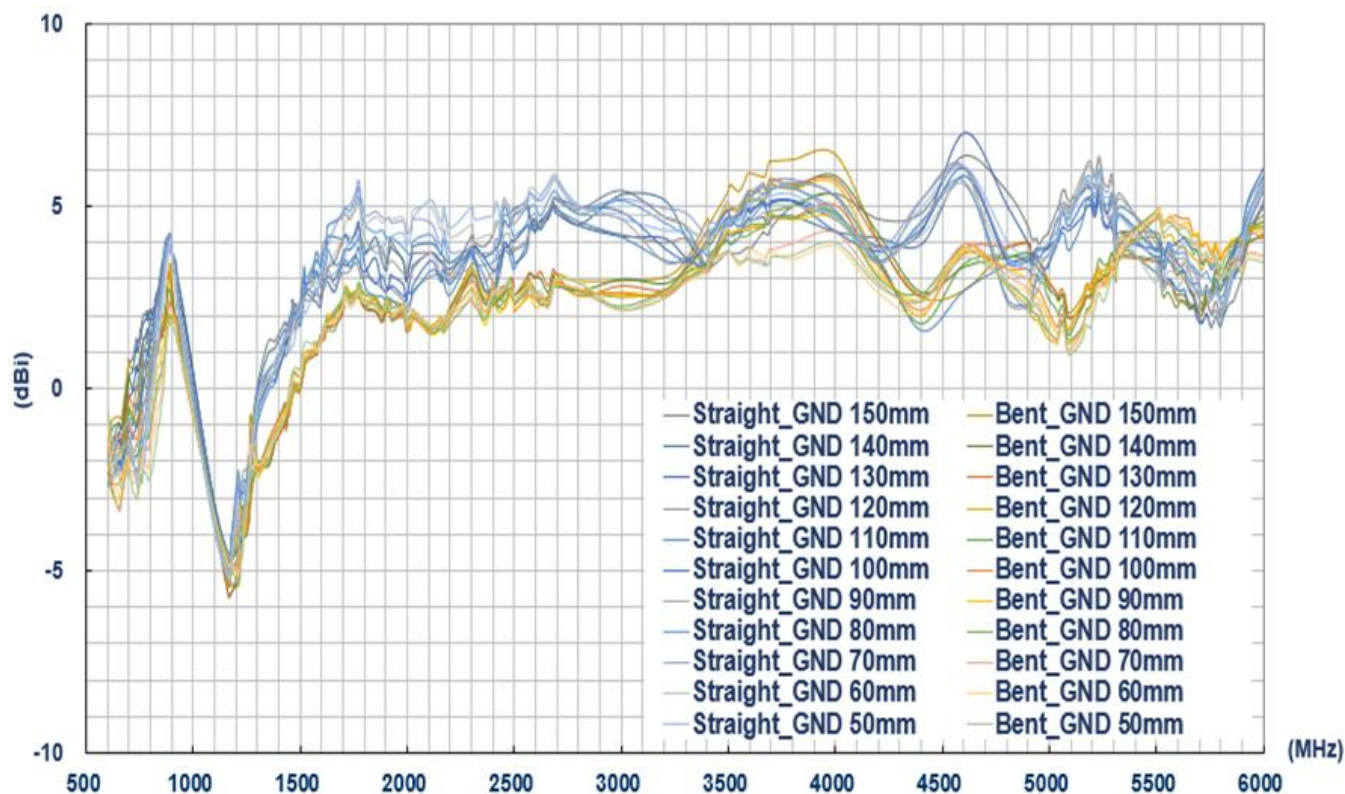
### 3.2 Efficiency



### 3.3 Average Gain



### 3.4 Peak Gain



## Changelog for the datasheet

### SPE-19-8-061 – TG.55.8113

#### Revision: D (Current Version)

|                  |                 |
|------------------|-----------------|
| Date:            | 2020-11-10      |
| Changes:         | Updated drawing |
| Changes Made by: | Jack Conroy     |

#### Previous Revisions

##### Revision: C

|                  |                                           |
|------------------|-------------------------------------------|
| Date:            | 2019-10-16                                |
| Changes:         | Updated data to include new ground planes |
| Changes Made by: | Jack Conroy                               |

##### Revision: B

|                  |                     |
|------------------|---------------------|
| Date:            | 2019-08-29          |
| Changes:         | Updated description |
| Changes Made by: | David Connolly      |

##### Revision: A (Initial Launch)

|                  |                               |
|------------------|-------------------------------|
| Date:            | 2019-05-22                    |
| Changes:         | Initial Specification Release |
| Changes Made by: | Jack Conroy                   |



# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Taoglas:](#)

[TG.55.8113](#)