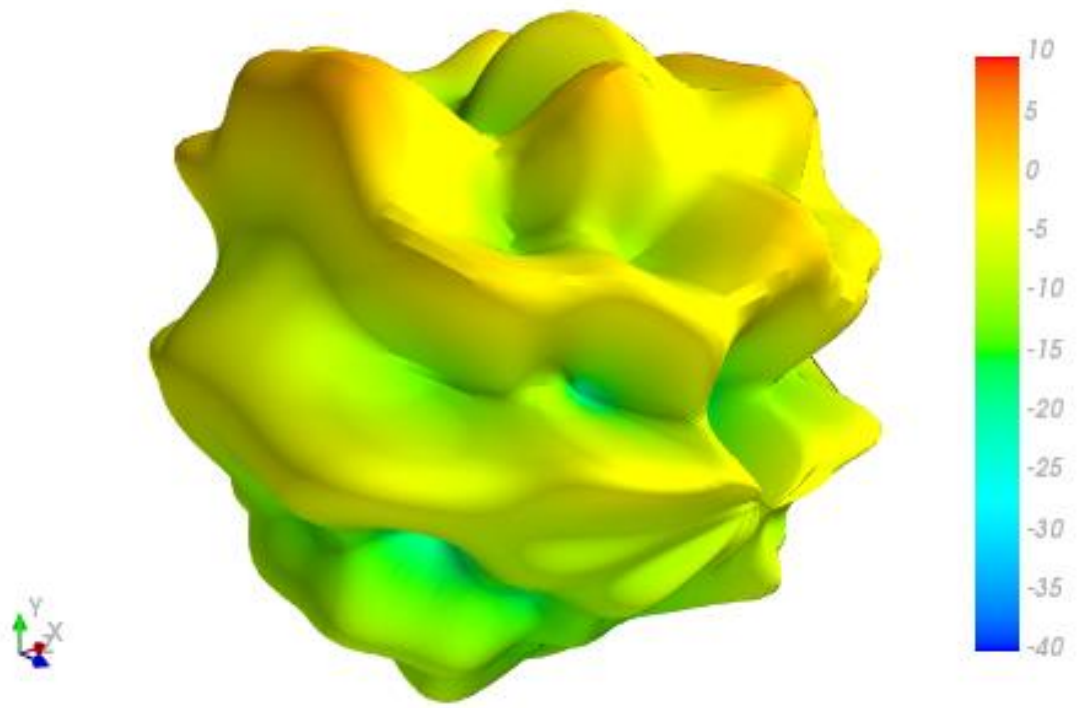
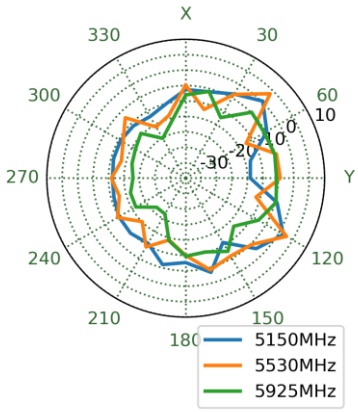
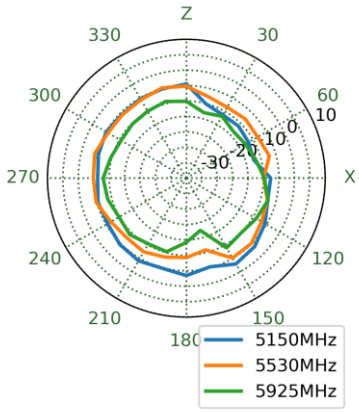
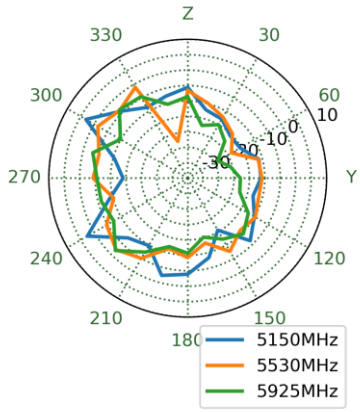
5530MHz



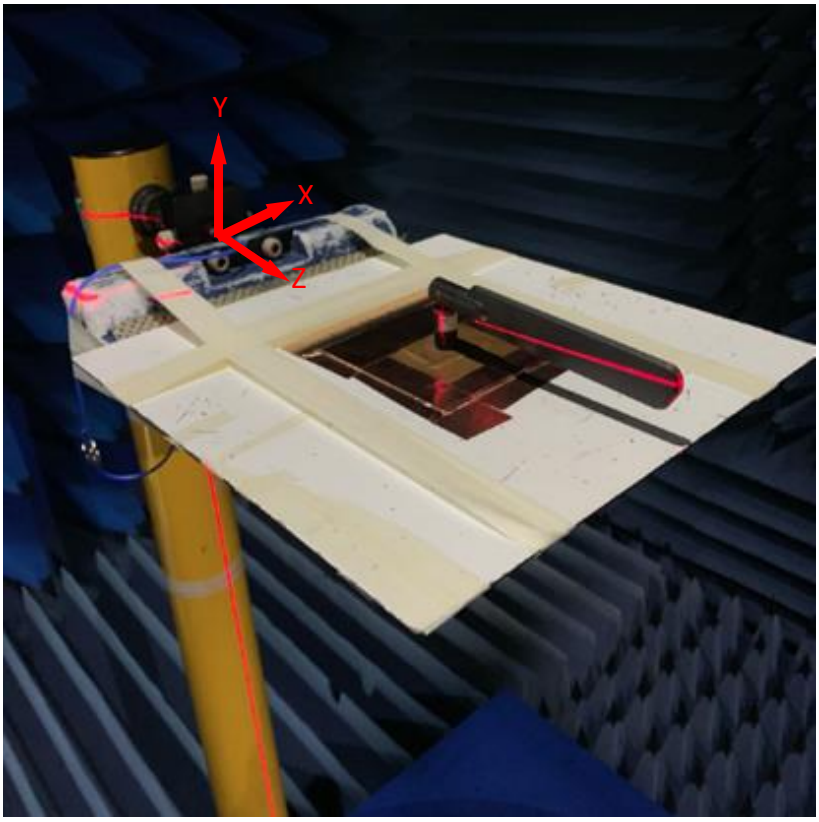
XY Plane	XZ Plane	YZ Plane







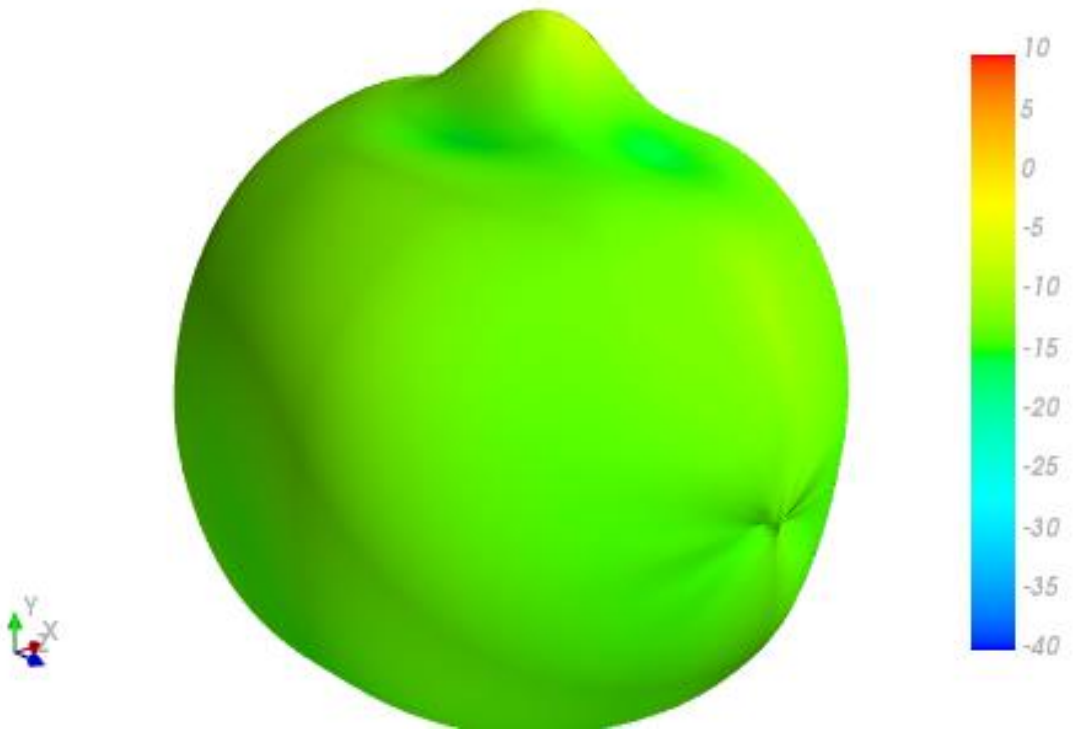
4.11 Test Setup



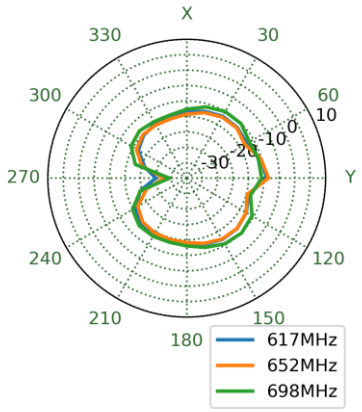
Bent 30x30cm Ground Plane Centre

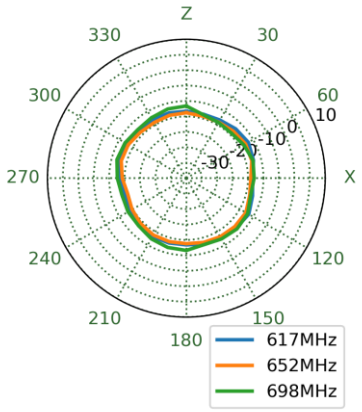
4.12 Bent 30x30cm Ground Plane Centre 2D & 3D Radiation Patterns

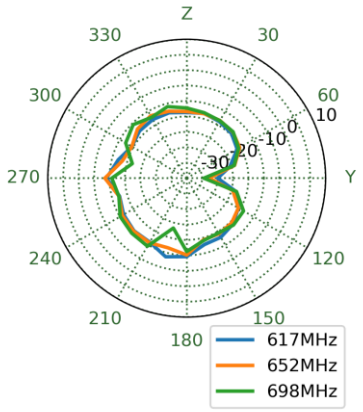
652MHz



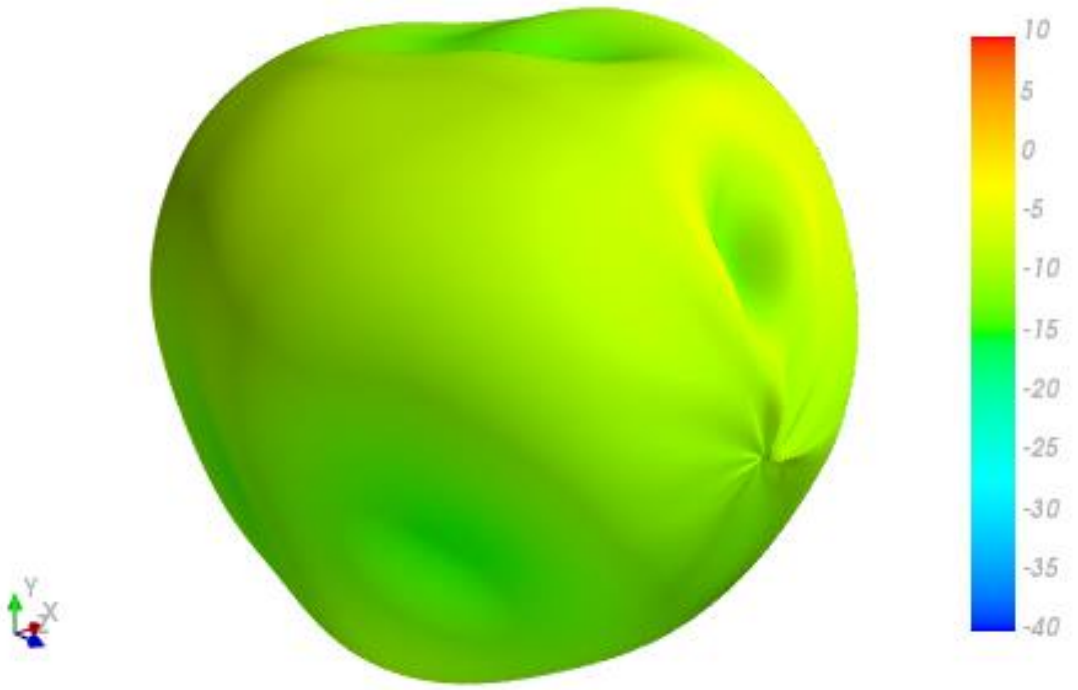
XY Plane	XZ Plane	YZ Plane



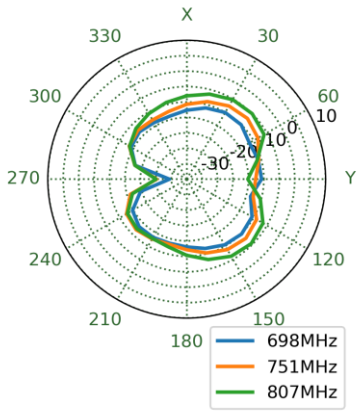


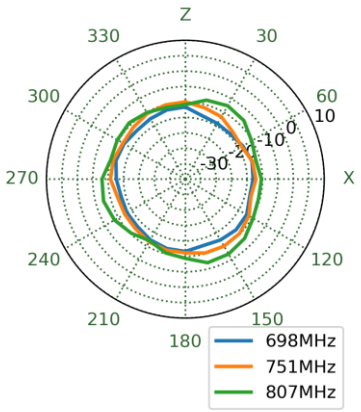


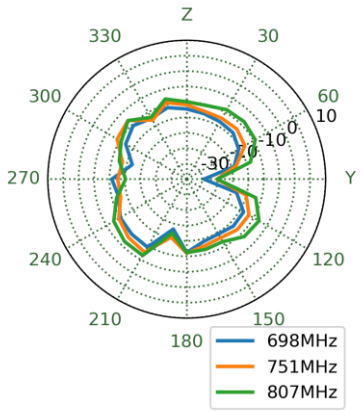
751MHz



XY Plane	XZ Plane	YZ Plane







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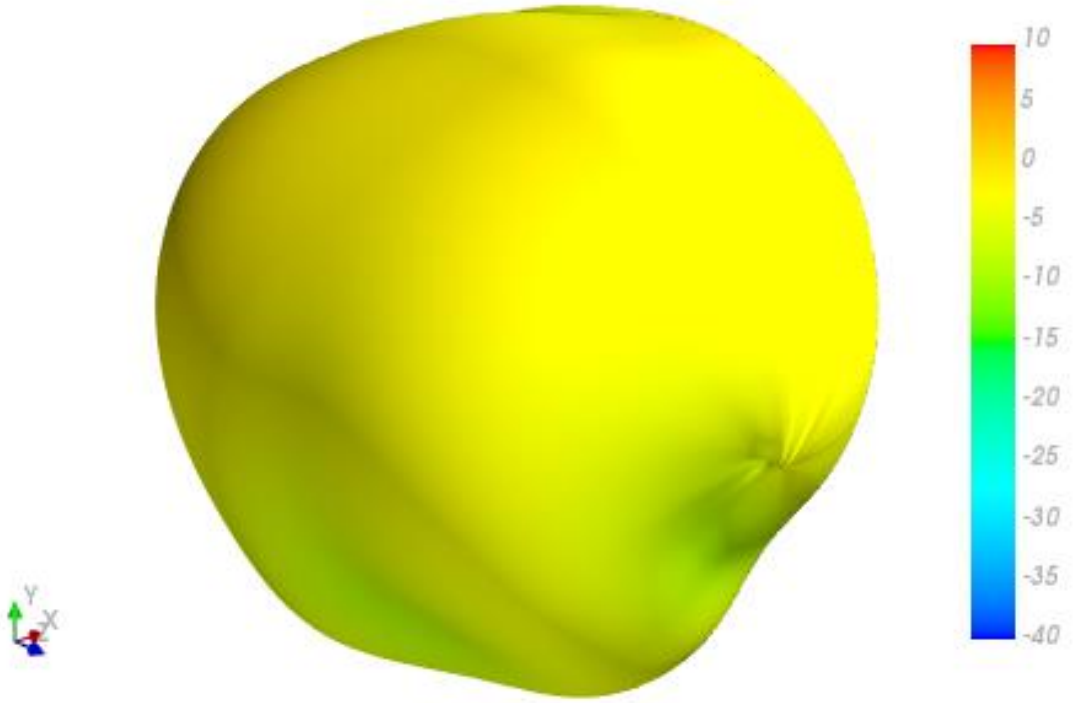
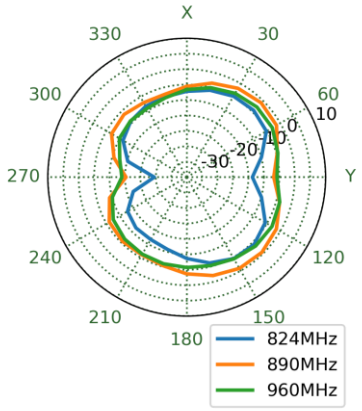
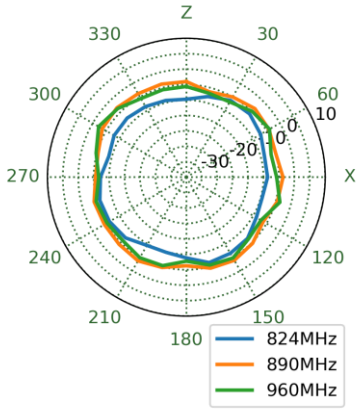
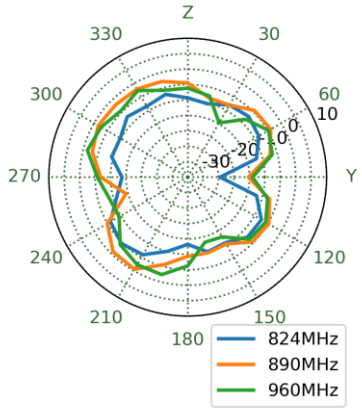


XY Plane	XZ Plane	YZ Plane







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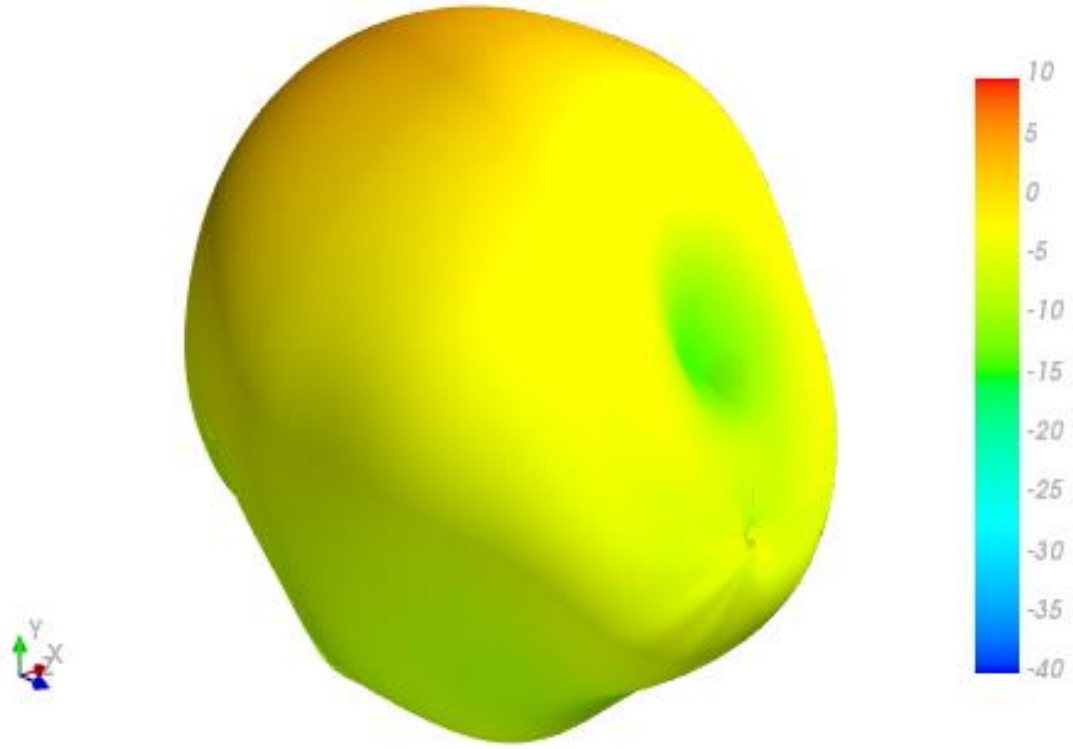
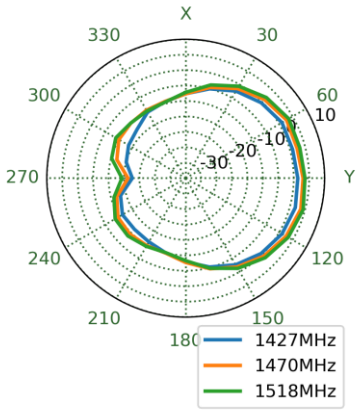
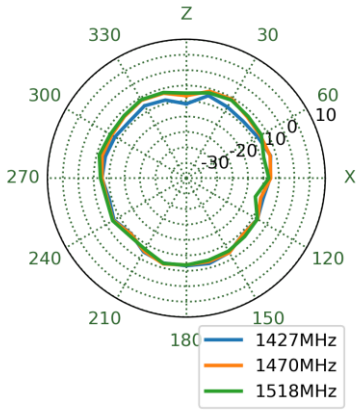
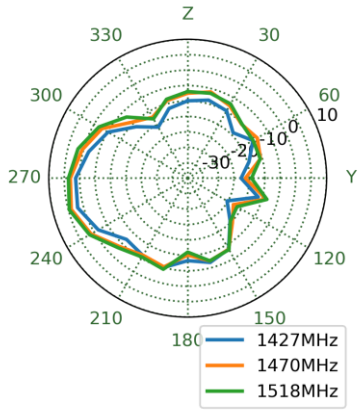


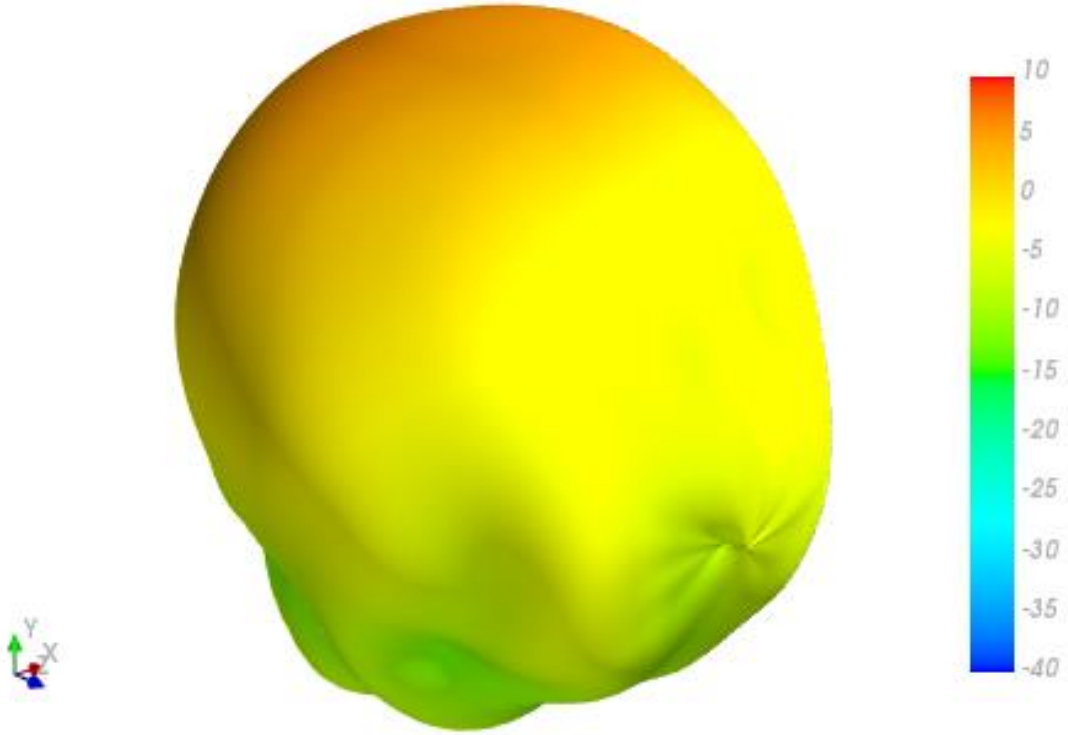
XY Plane	XZ Plane	YZ Plane



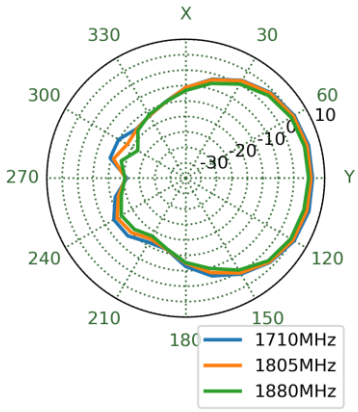


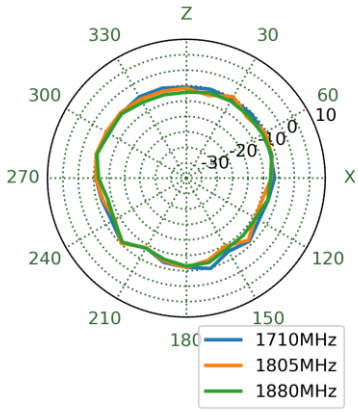


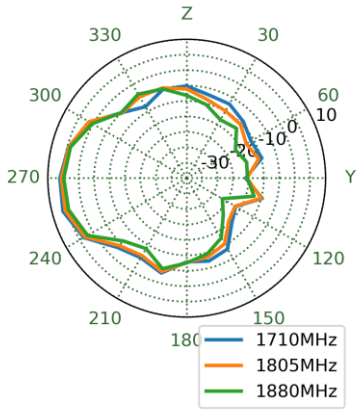
1805MHz



XY Plane	XZ Plane	YZ Plane







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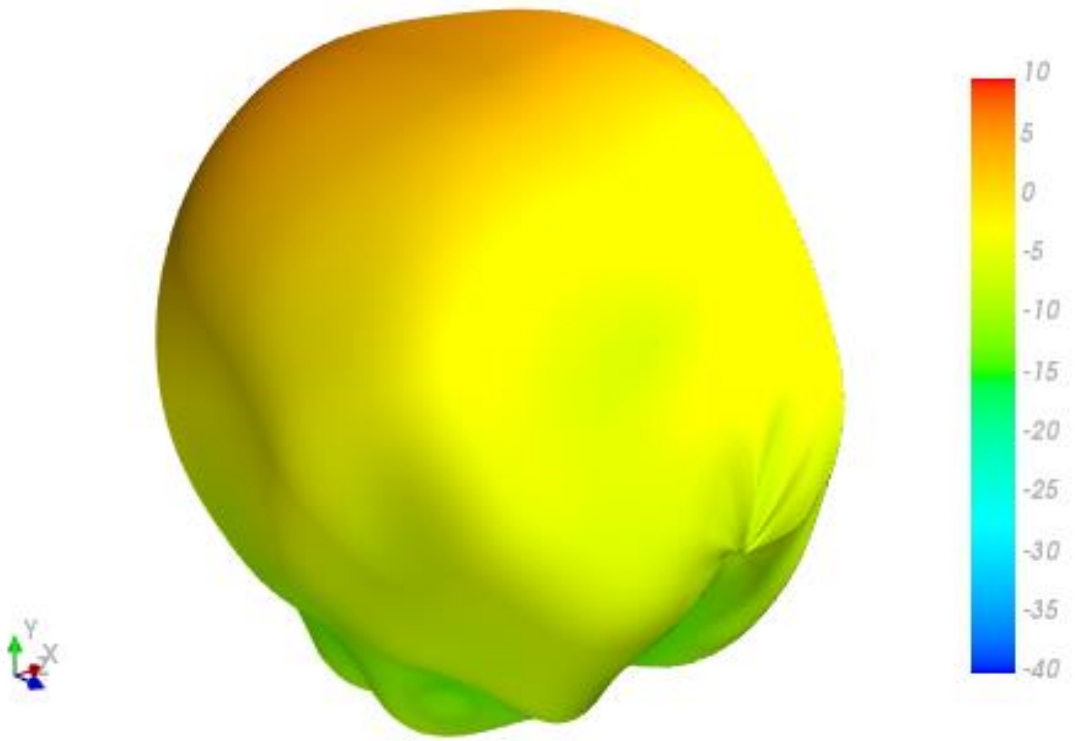
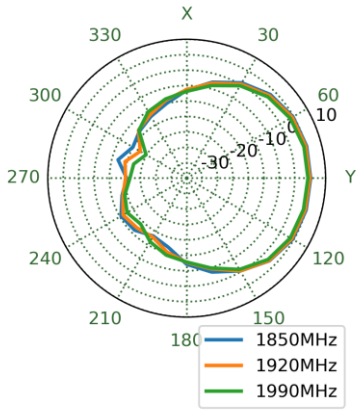
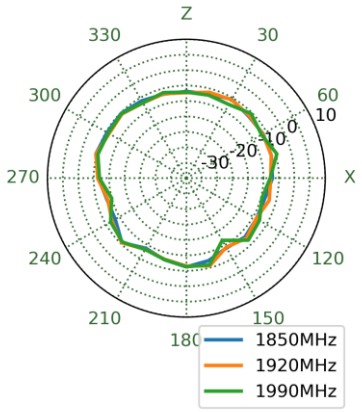
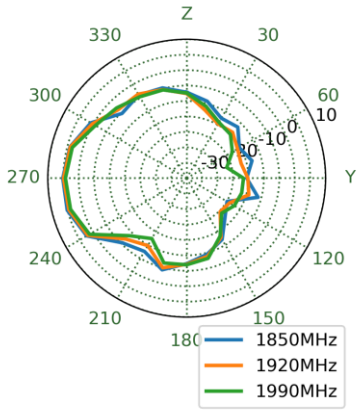


XY Plane	XZ Plane	YZ Plane







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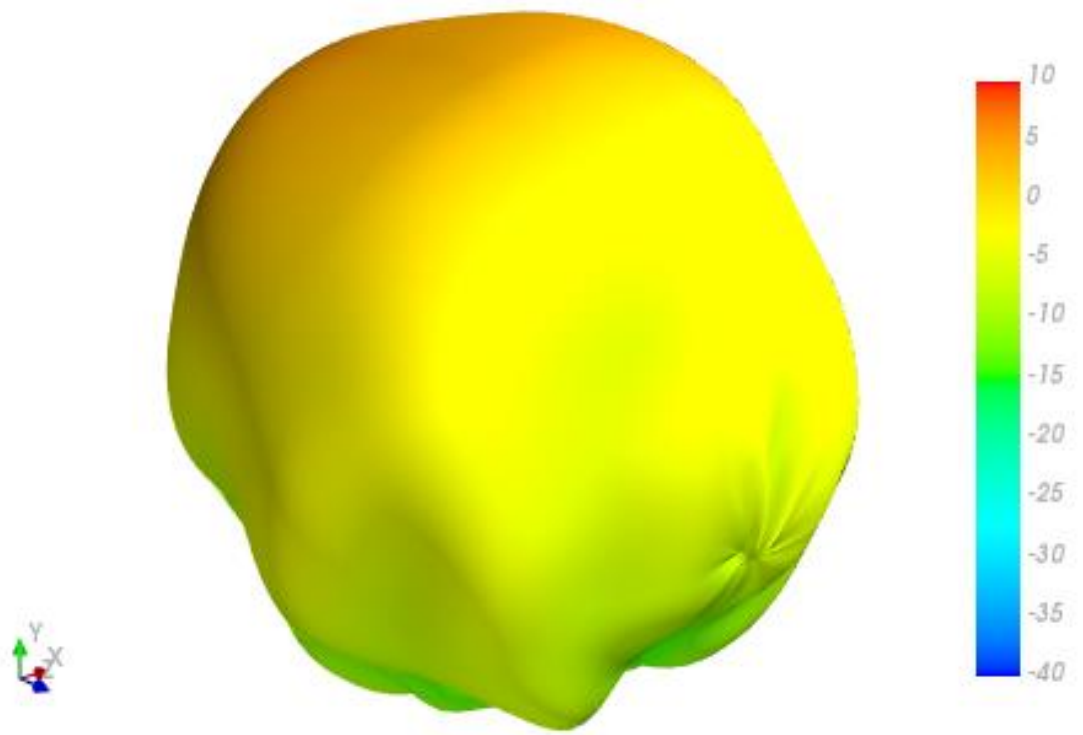
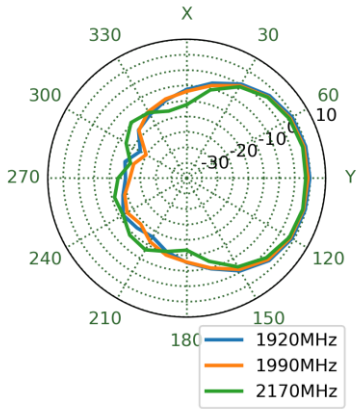
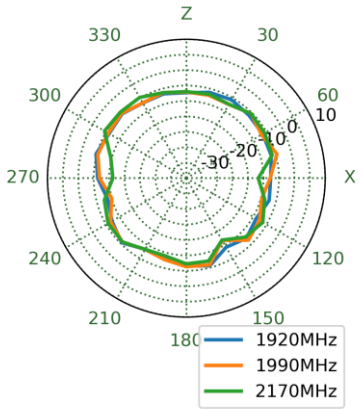
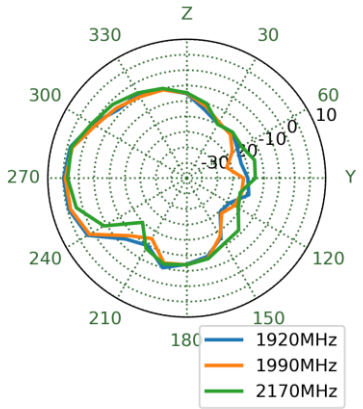


XY Plane	XZ Plane	YZ Plane







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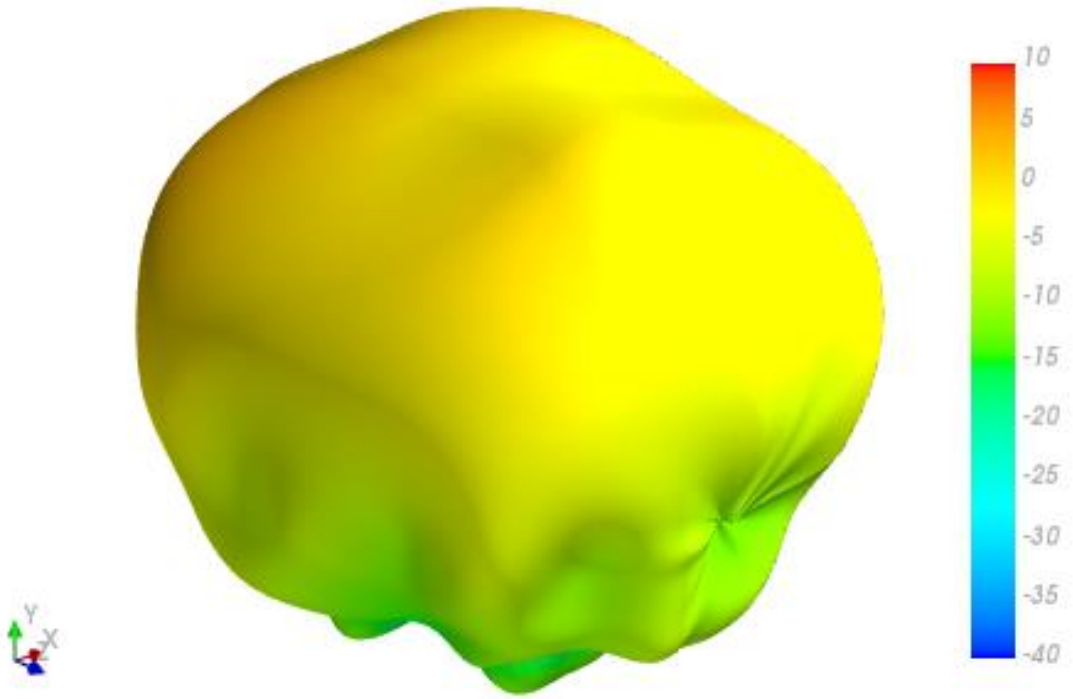
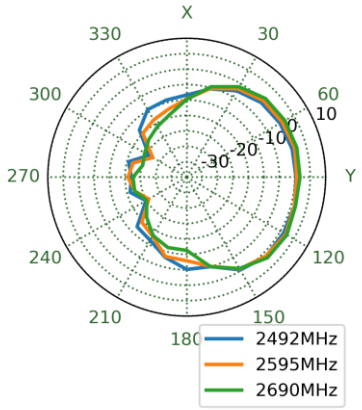
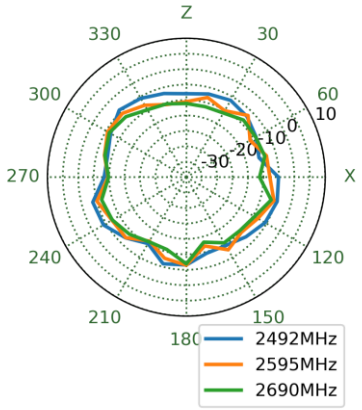
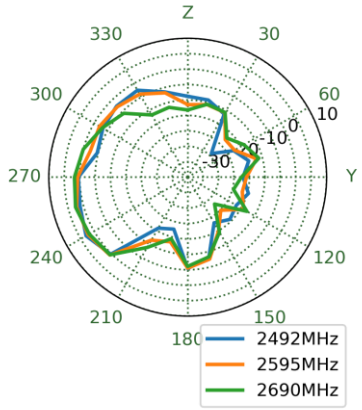


XY Plane	XZ Plane	YZ Plane







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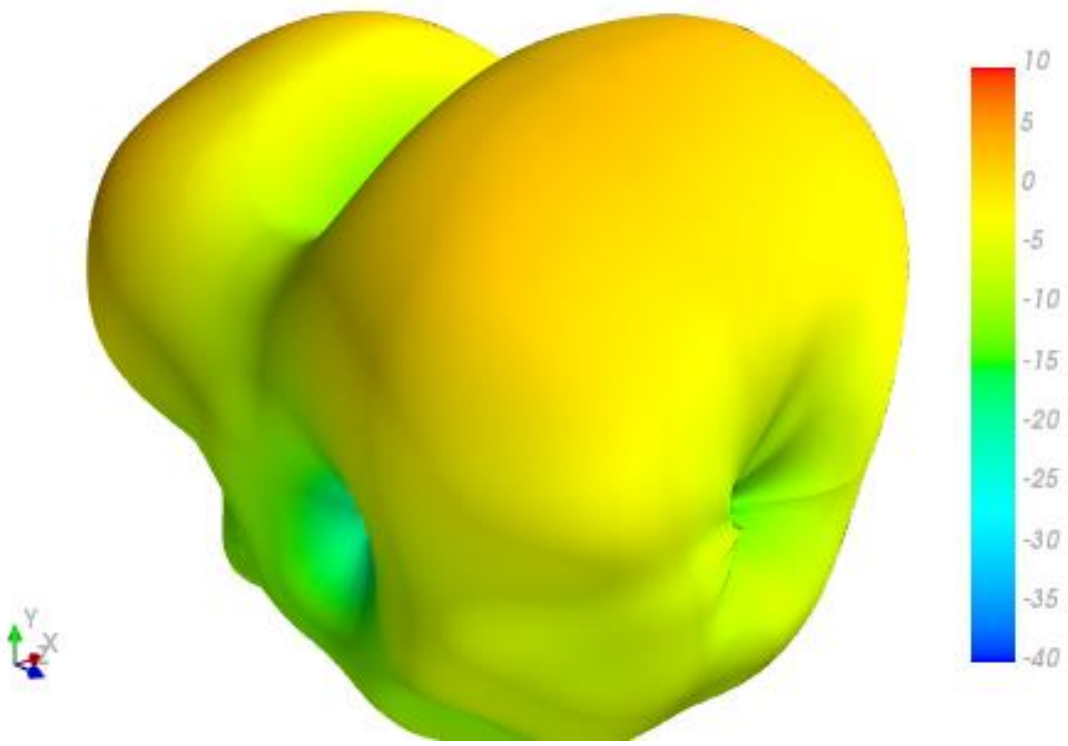
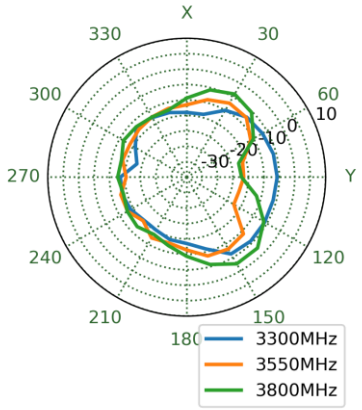
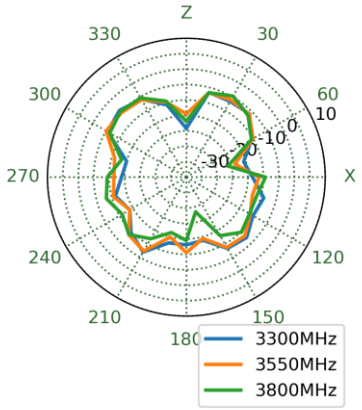
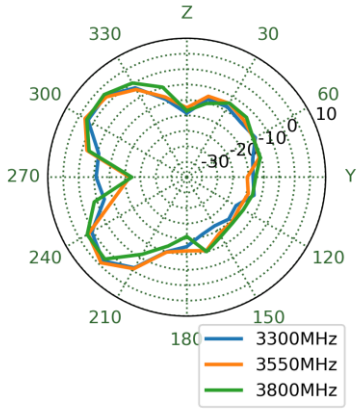


XY Plane	XZ Plane	YZ Plane







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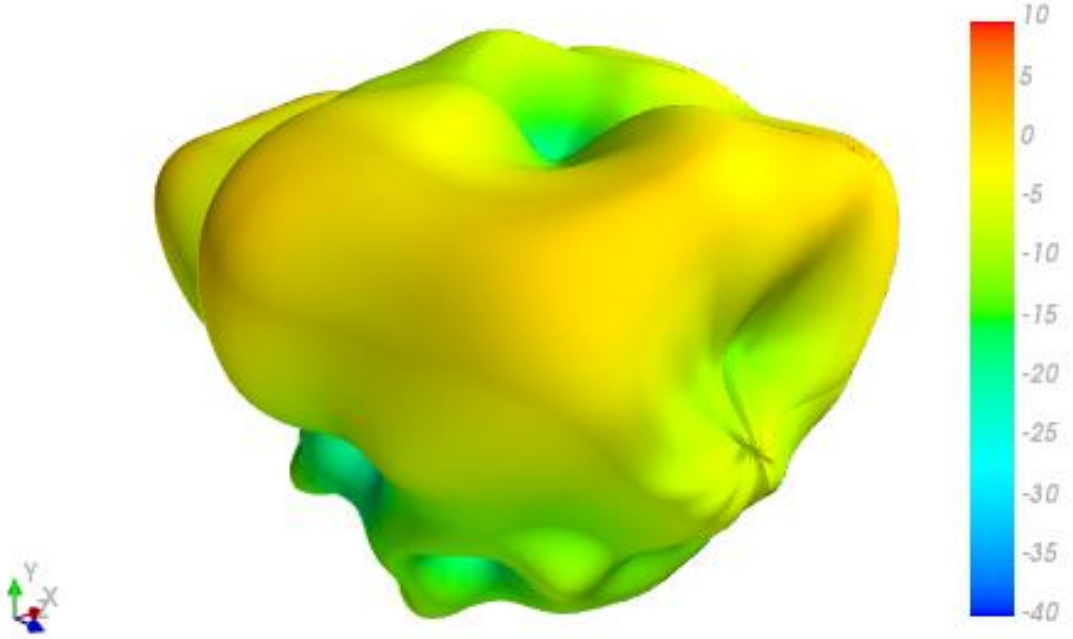
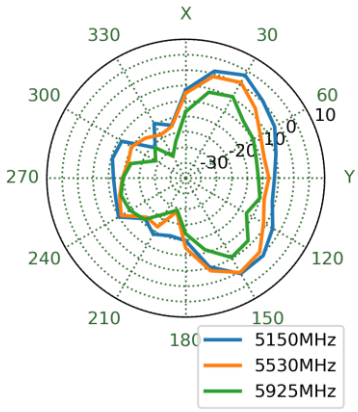
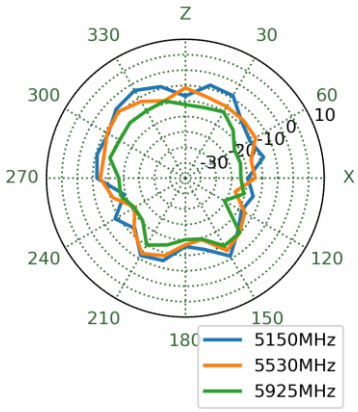
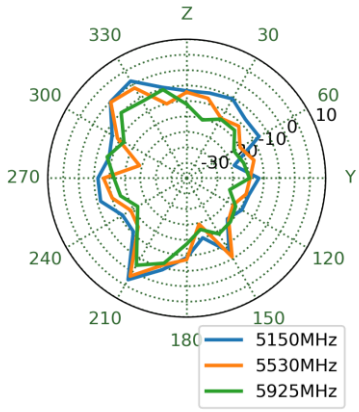


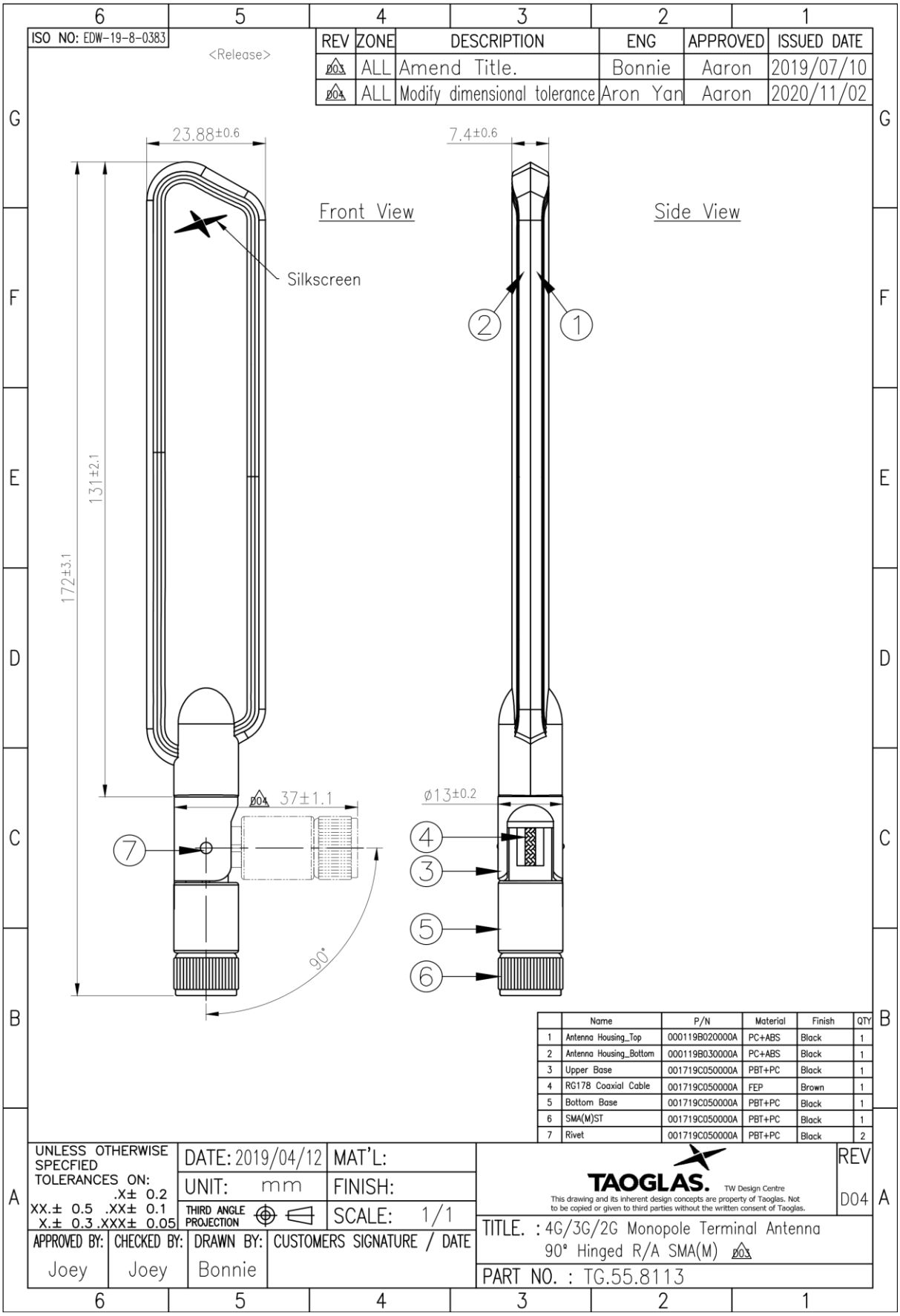
XY Plane	XZ Plane	YZ Plane





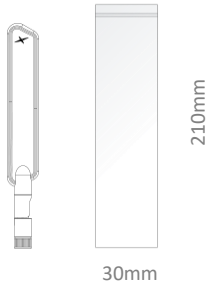


5. Mechanical Drawing (Units: mm)



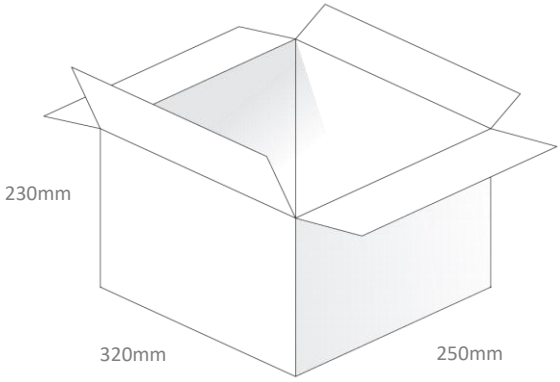
6. Packaging

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

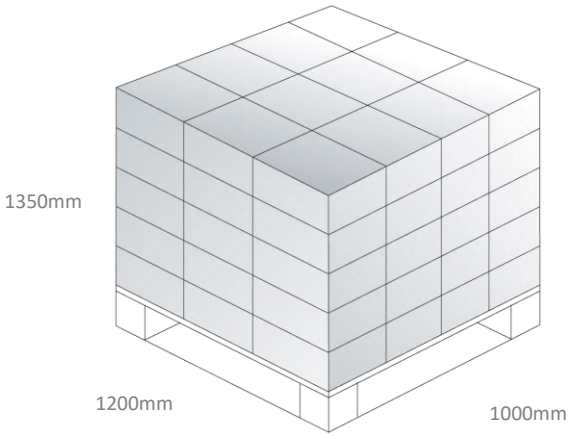


20pcs per Large PE Bag
Dimensions: 180*265mm
Weight: 620g

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

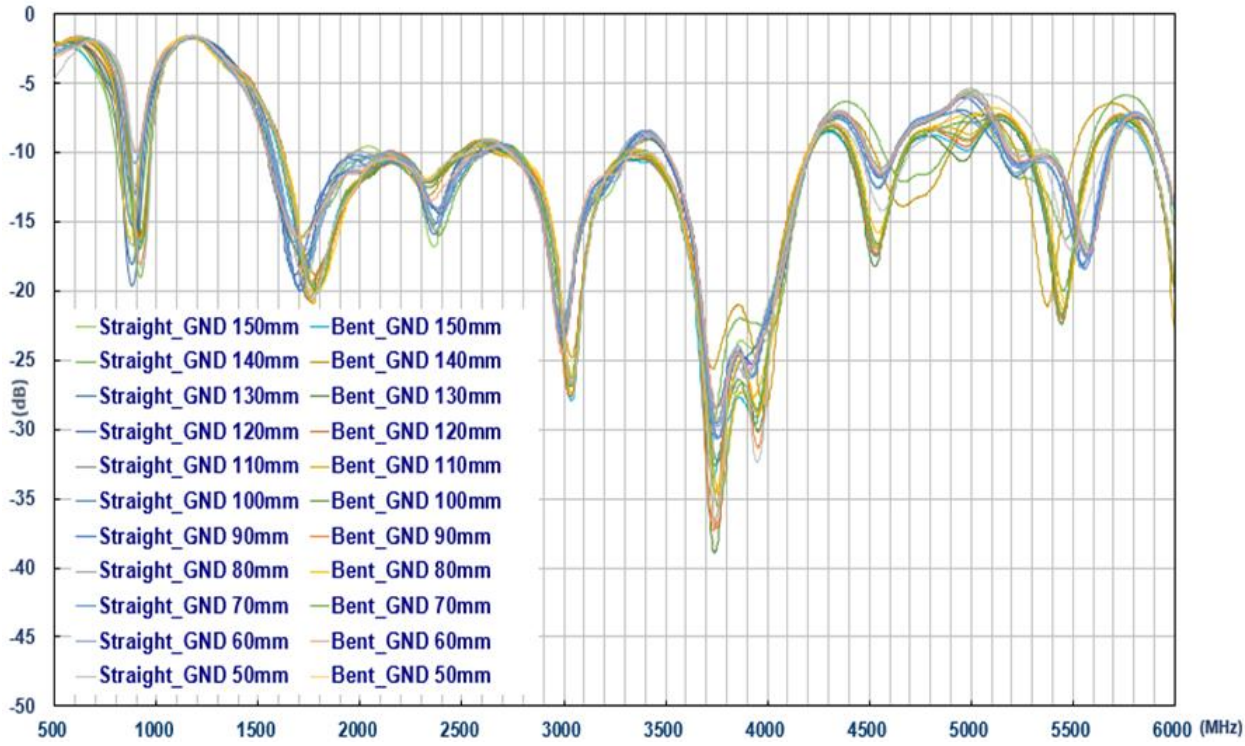


Pallet Dimensions:
1200*1000*1350mm
60 Cartons per Pallet
12 Cartons per layer, 5 Layers

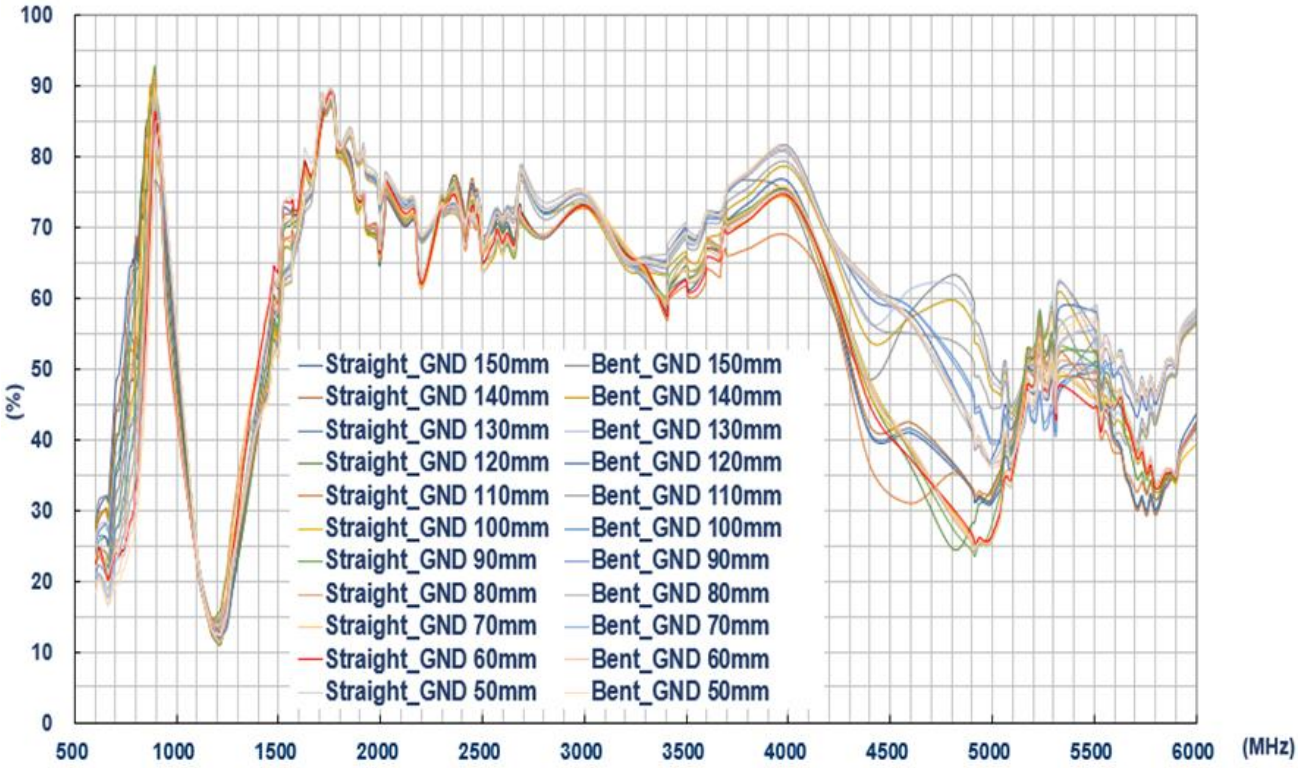


7. Application Note

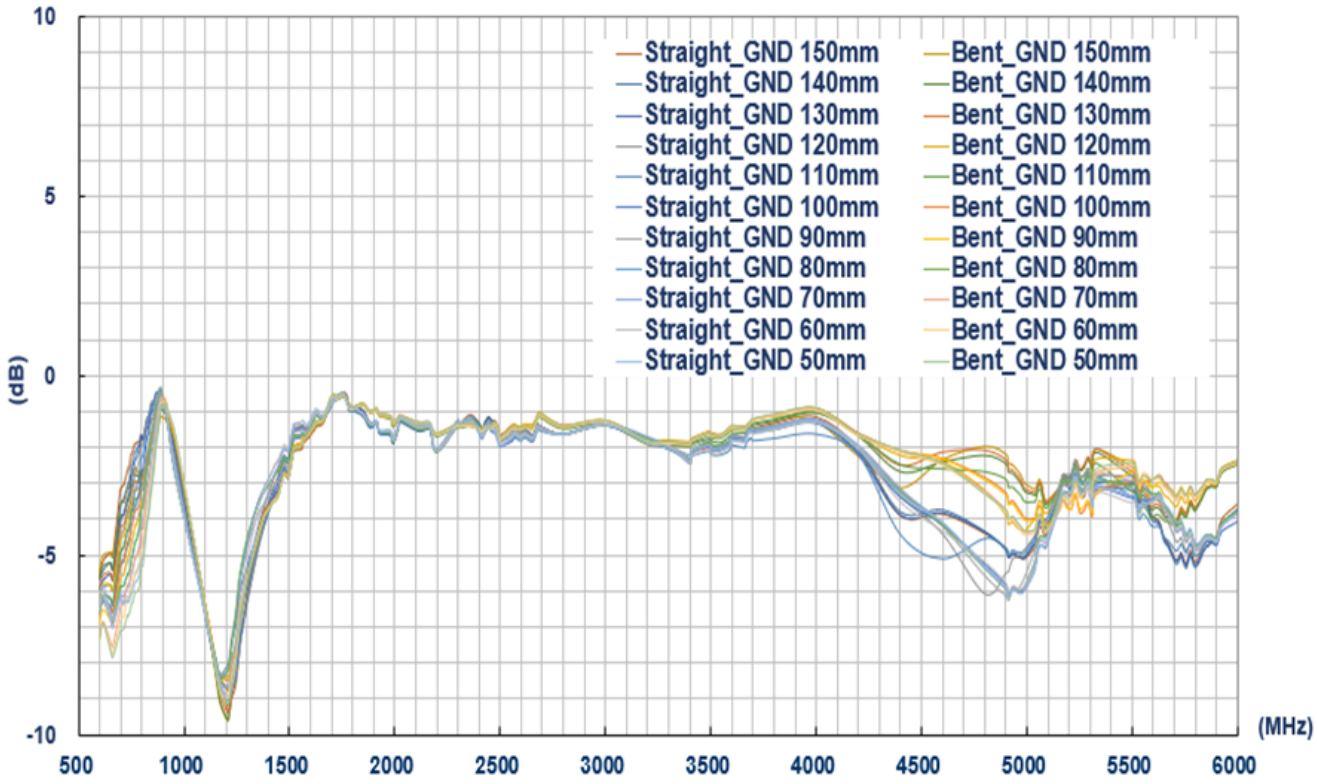
3.1 Return Loss



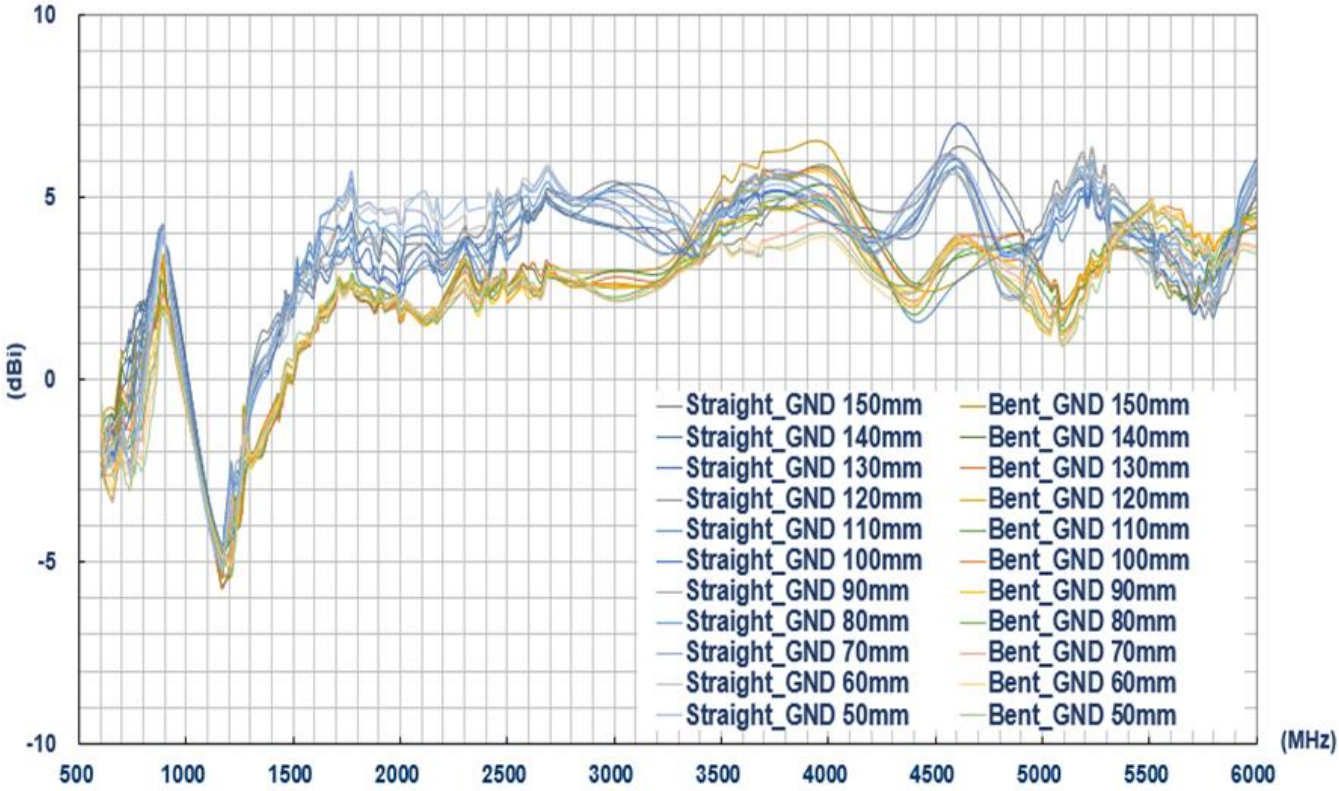
3.2 Efficiency



3.3 Average Gain



3.4 Peak Gain



Changelog for the datasheet

SPE-19-8-061 – TG.55.8113

Revision: E (Current Version)	
Date:	2022-07-05
Changes:	Updatd drawing
Changes Made by:	Jack Conroy

Previous Revisions

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

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

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