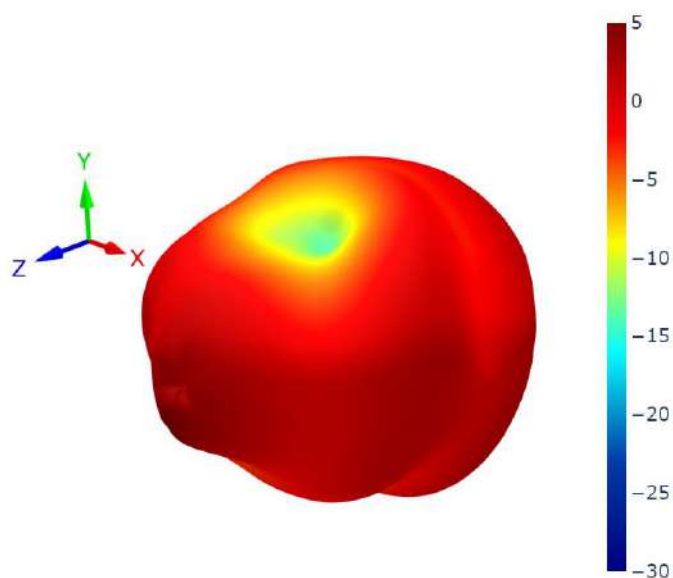
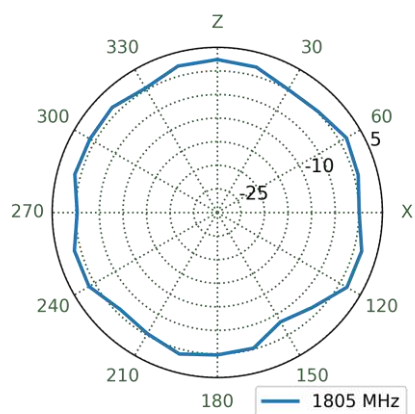


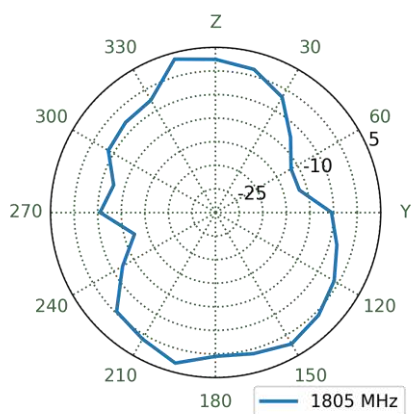
4.22 Bent in Free Space Patterns at 1805 MHz



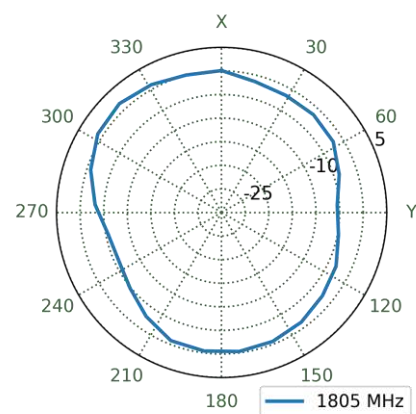
XZ Plane



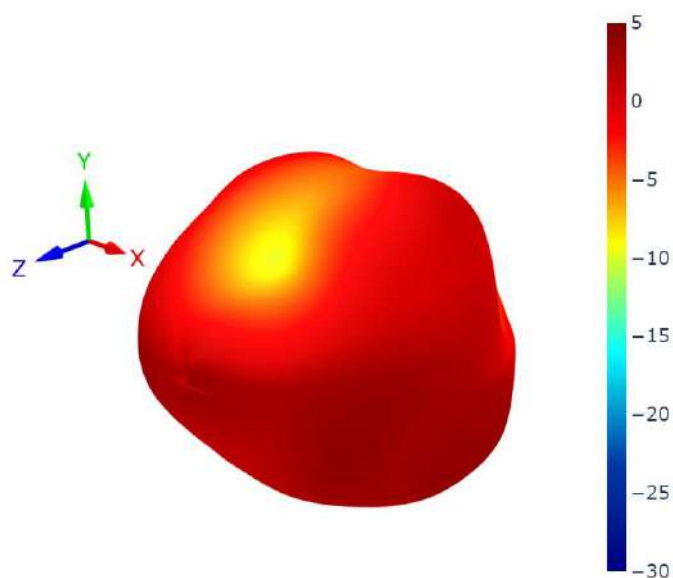
YZ Plane



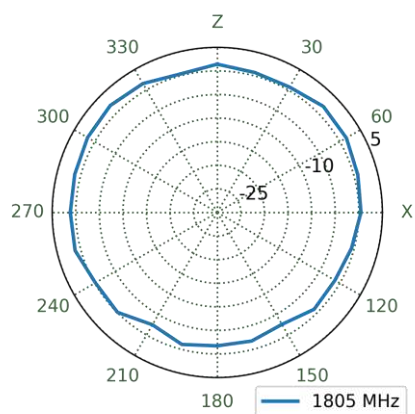
XY Plane



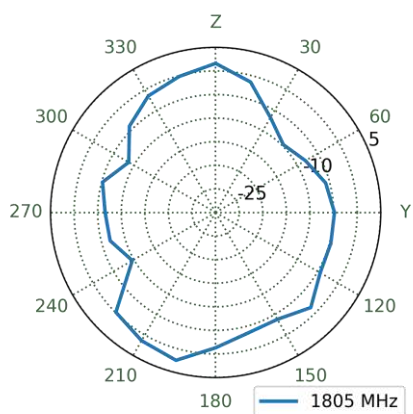
4.23 Bent on a 9x15cm Ground Plane Patterns at 1805 MHz



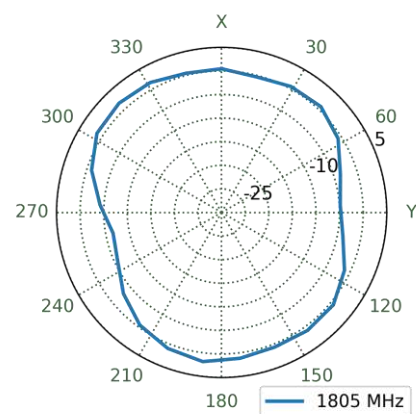
XZ Plane



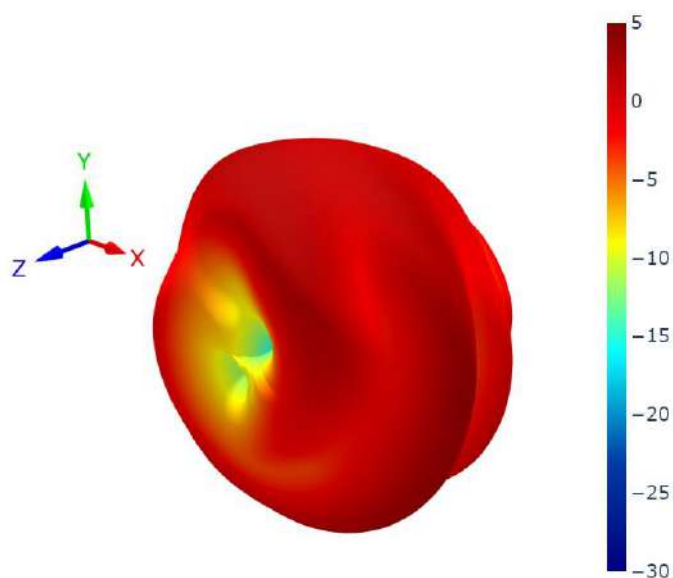
YZ Plane



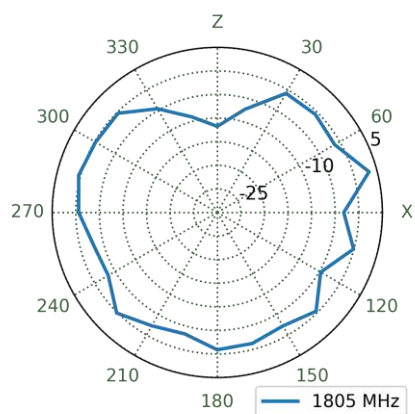
XY Plane



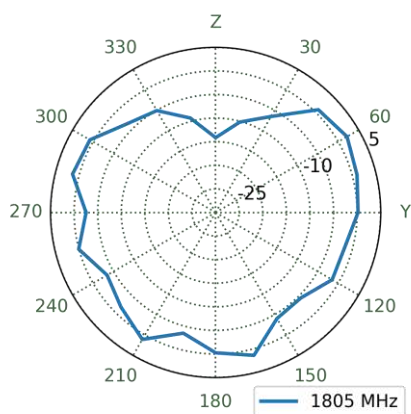
4.24 Straight in Free Space Patterns at 1805 MHz



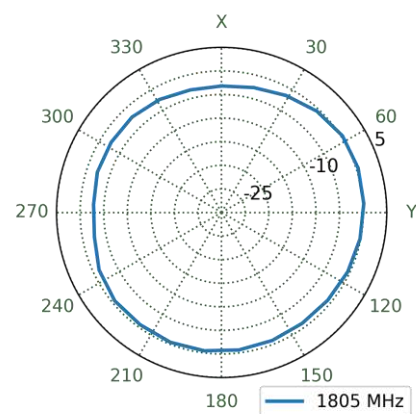
XZ Plane



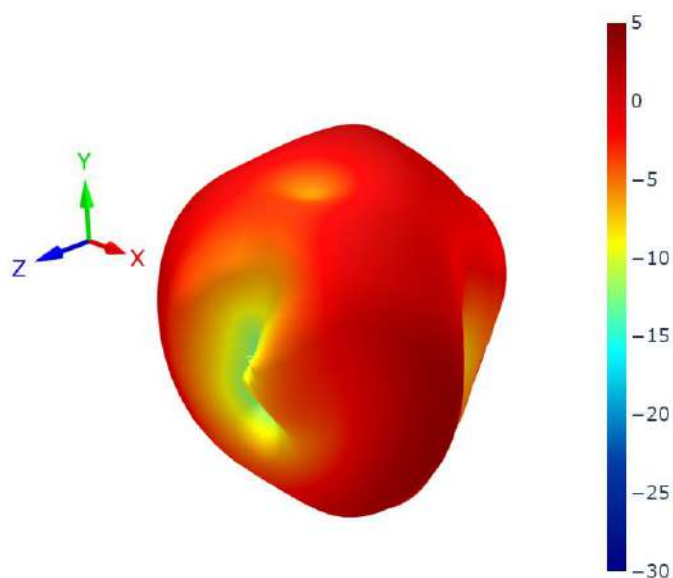
YZ Plane



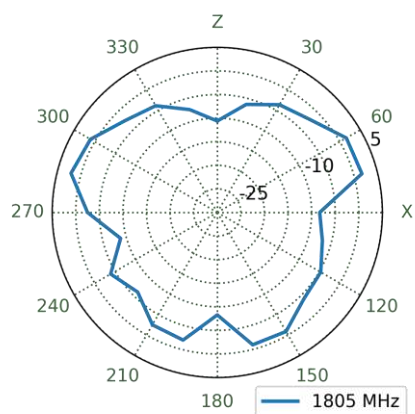
XY Plane



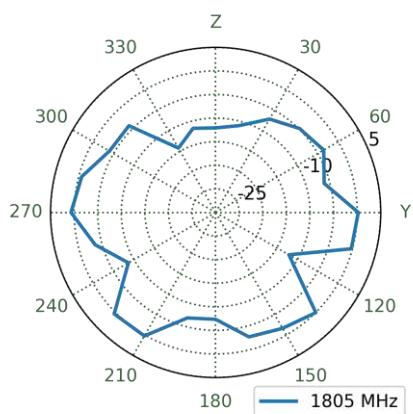
4.25 Straight on a 9x15cm Ground Plane Patterns at 1805 MHz



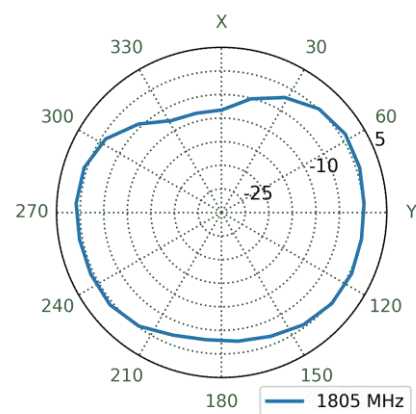
XZ Plane



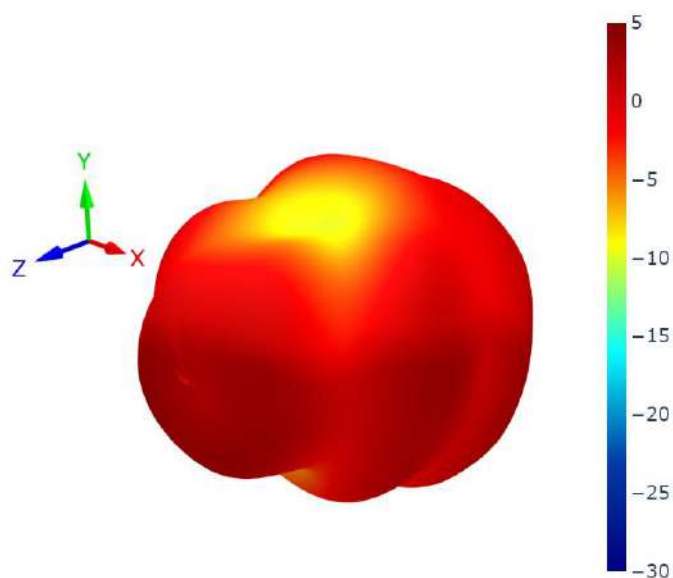
YZ Plane



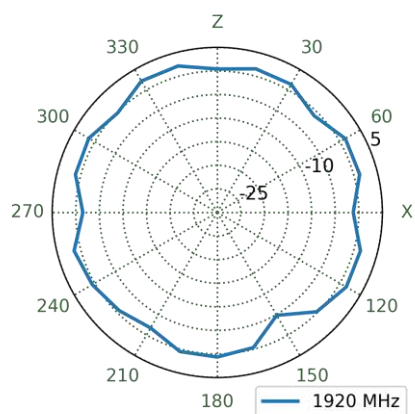
XY Plane



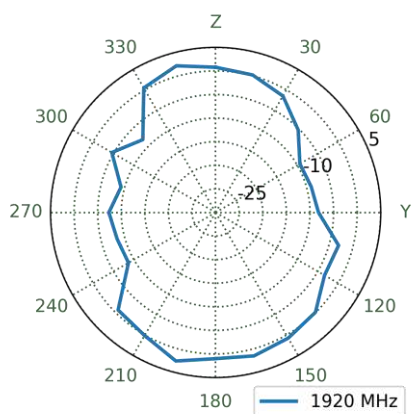
4.26 Bent in Free Space Patterns at 1920 MHz



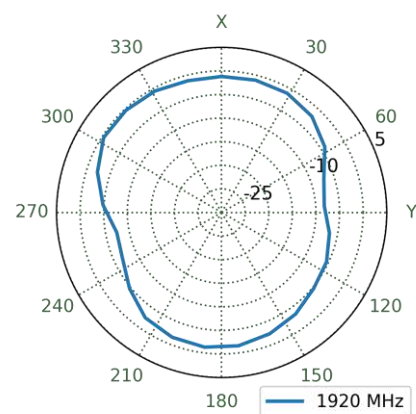
XZ Plane



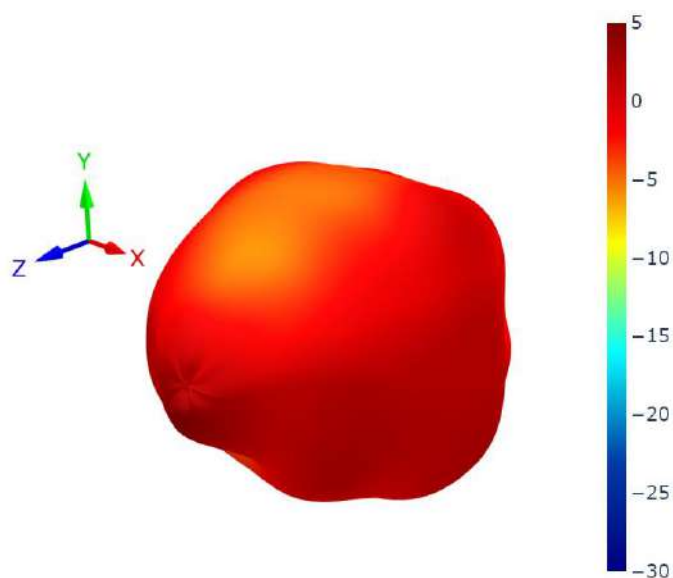
YZ Plane



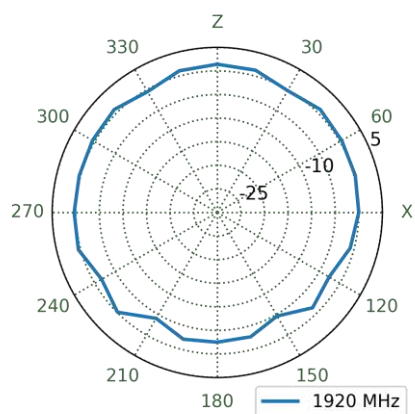
XY Plane



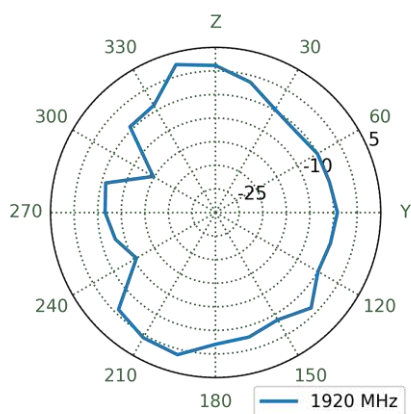
4.27 Bent on a 9x15cm Ground Plane Patterns at 1920 MHz



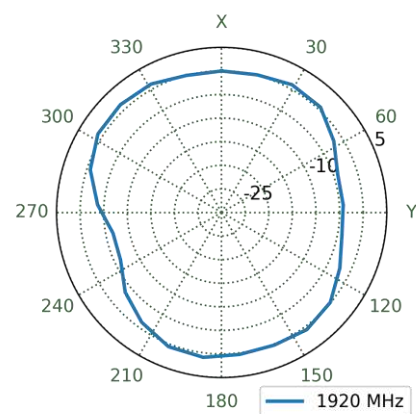
XZ Plane



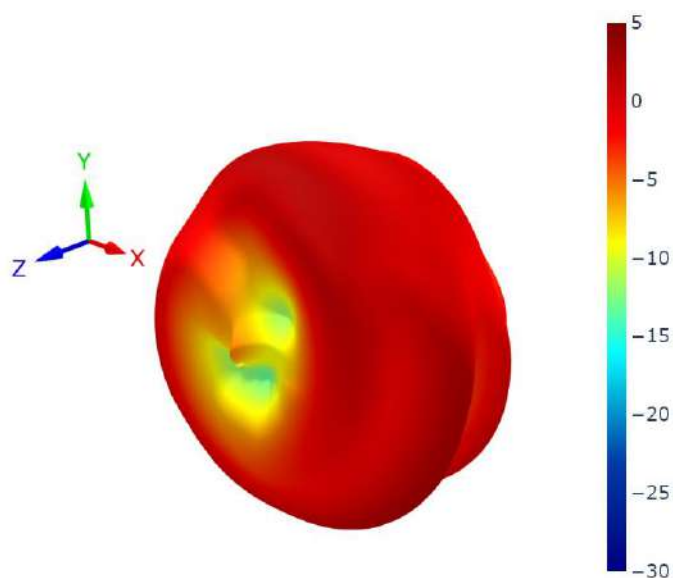
YZ Plane



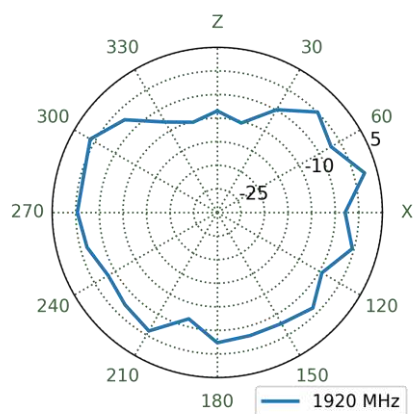
XY Plane



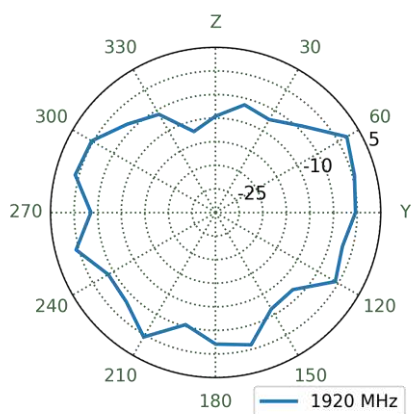
4.28 Straight in Free Space Patterns at 1920 MHz



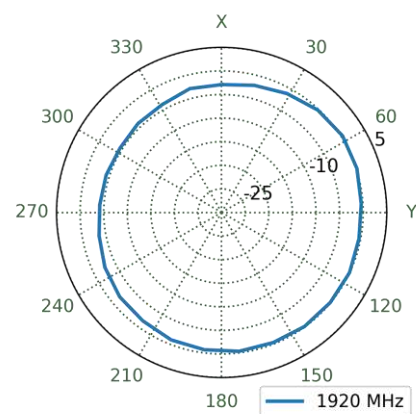
XZ Plane



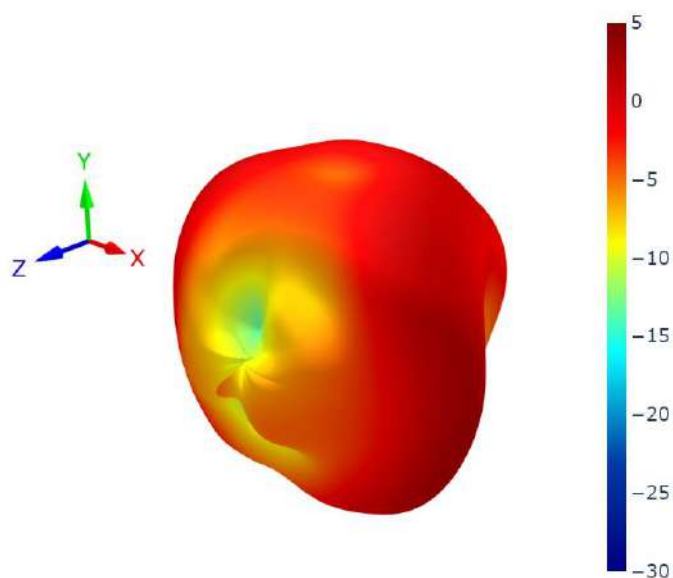
YZ Plane



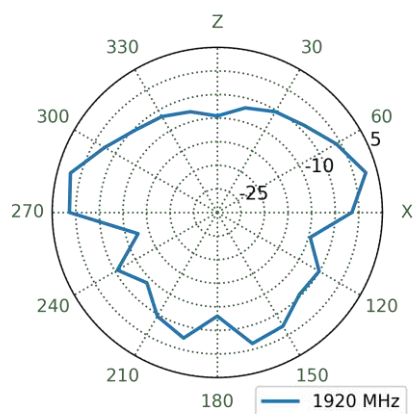
XY Plane



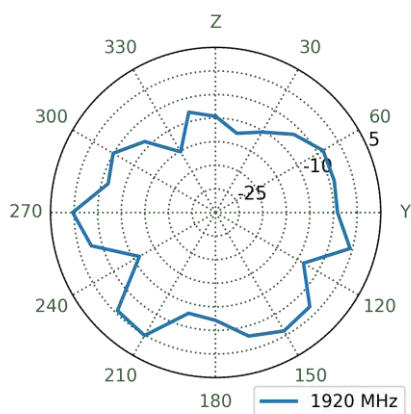
4.29 Straight on a 9x15cm Ground Plane Patterns at 1920 MHz



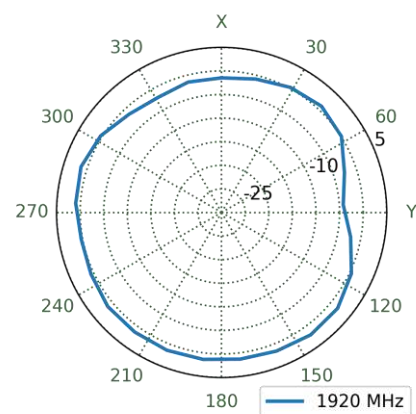
XZ Plane



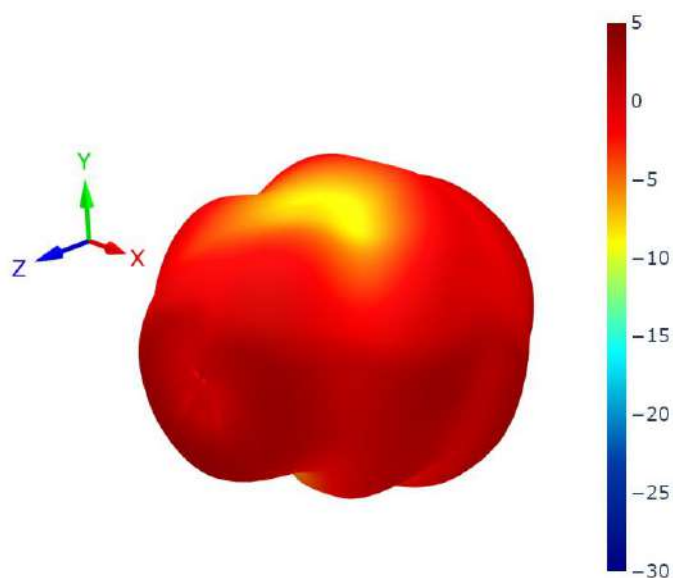
YZ Plane



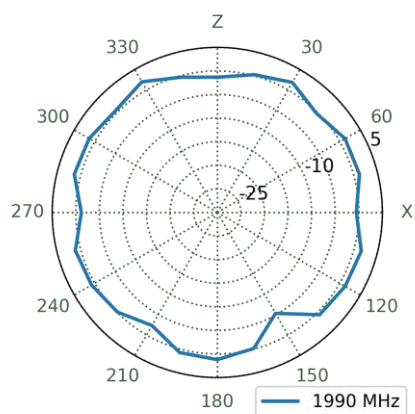
XY Plane



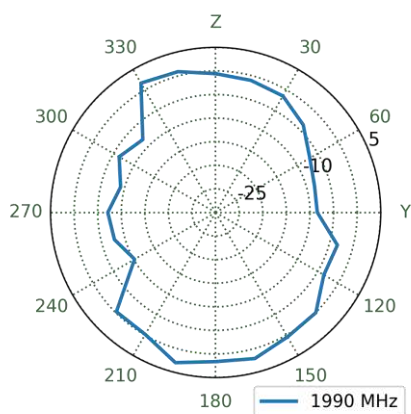
4.30 Bent in Free Space Patterns at 1990 MHz



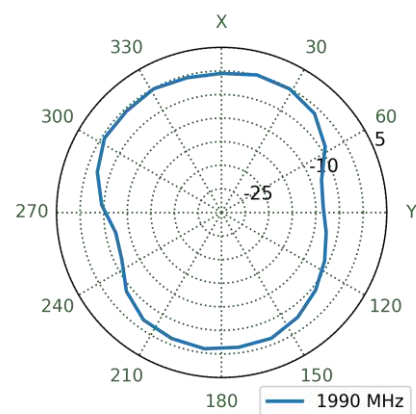
XZ Plane



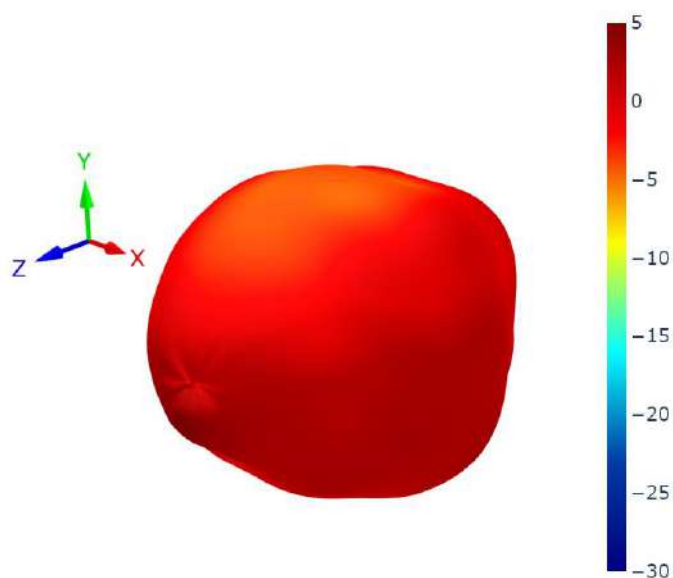
YZ Plane



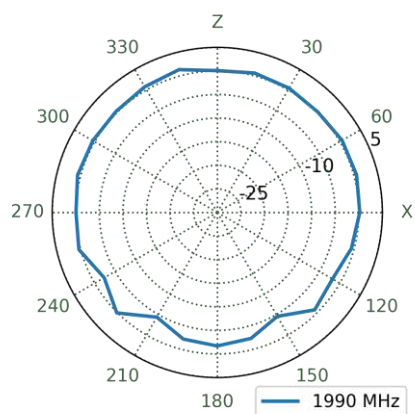
XY Plane



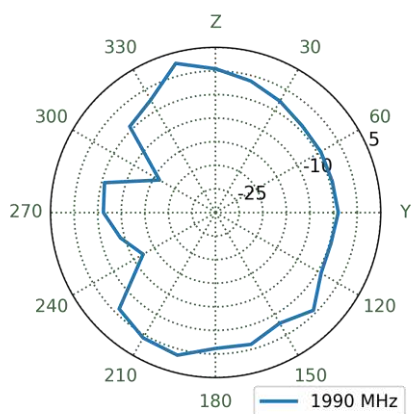
4.31 Bent on a 9x15cm Ground Plane Patterns at 1990 MHz



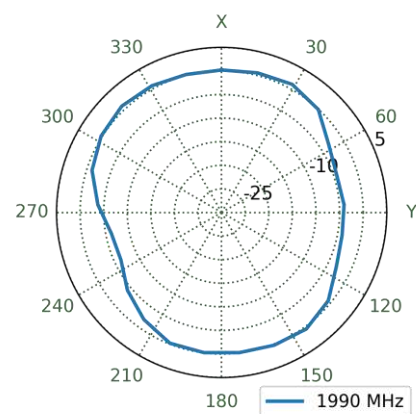
XZ Plane



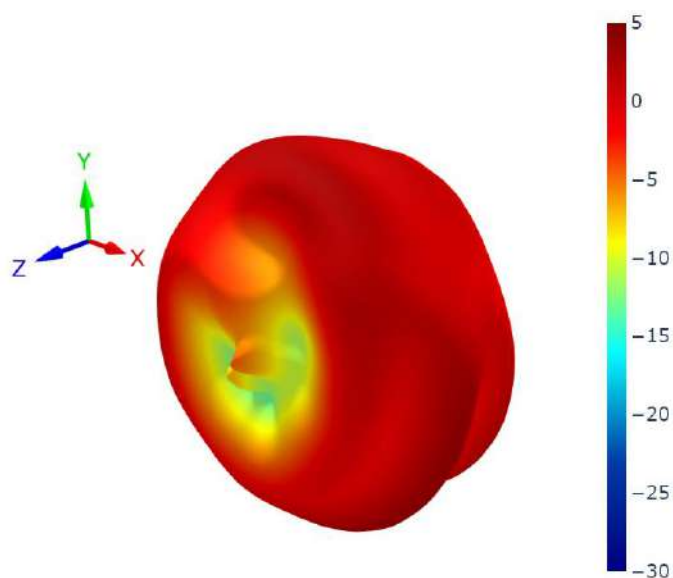
YZ Plane



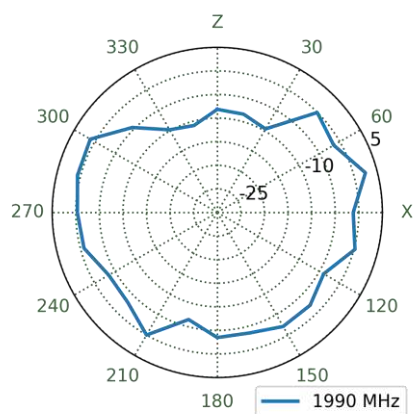
XY Plane



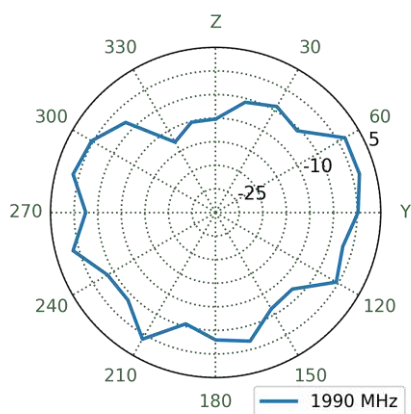
4.32 Straight in Free Space Patterns at 1990 MHz



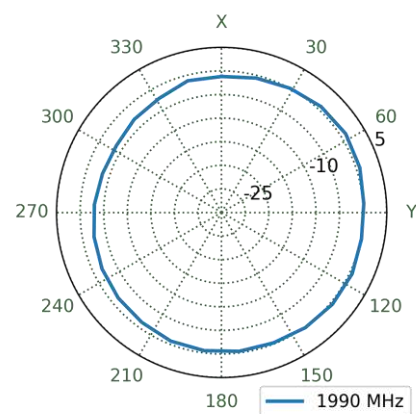
XZ Plane



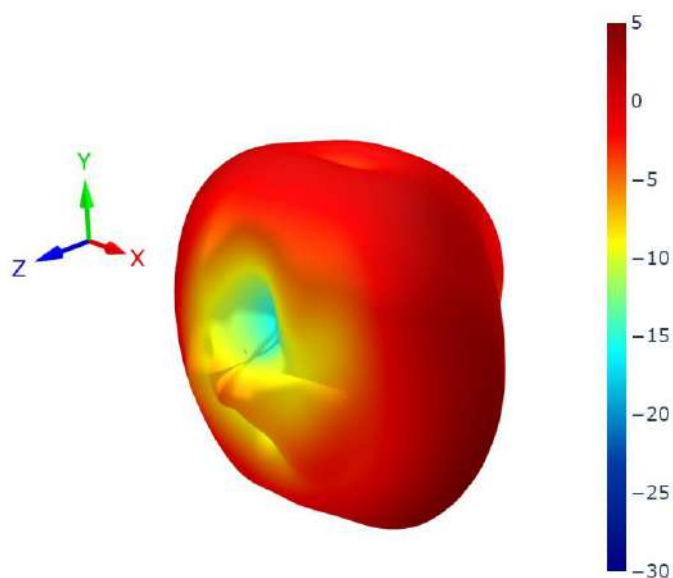
YZ Plane



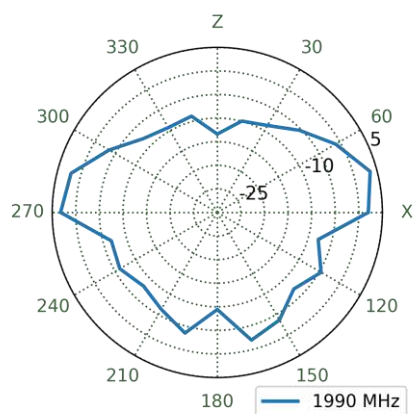
XY Plane



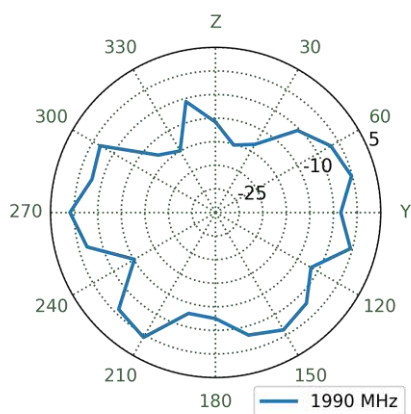
4.33 Straight on a 9x15cm Ground Plane Patterns at 1990 MHz



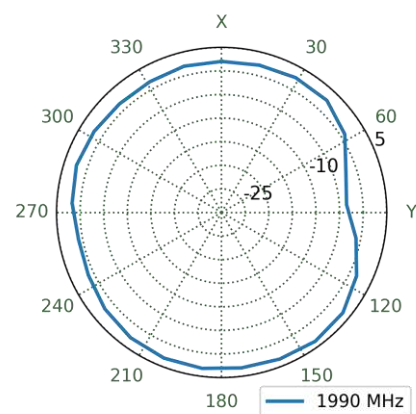
XZ Plane



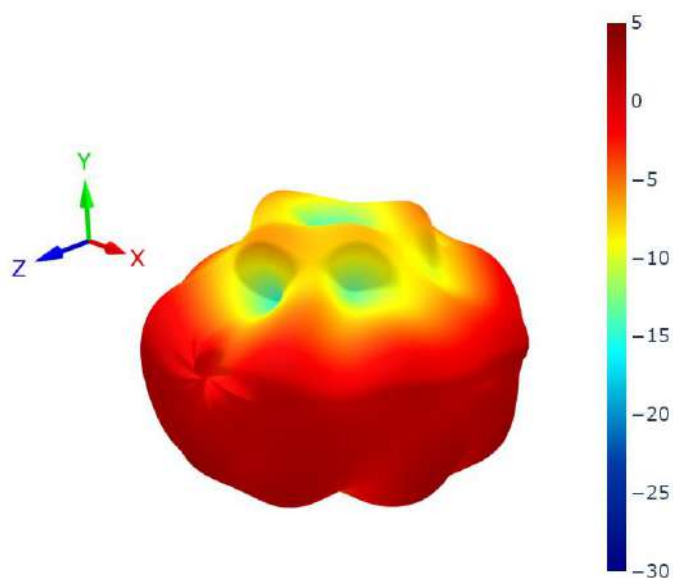
YZ Plane



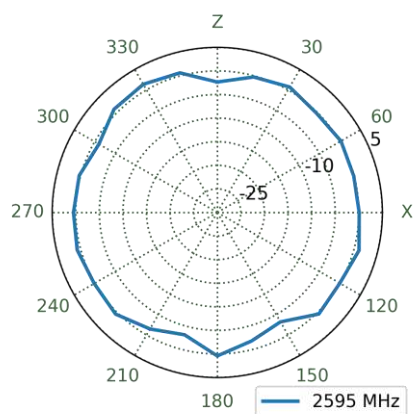
XY Plane



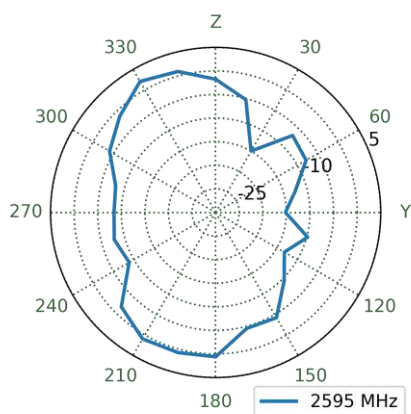
4.34 Bent in Free Space Patterns at 2595 MHz



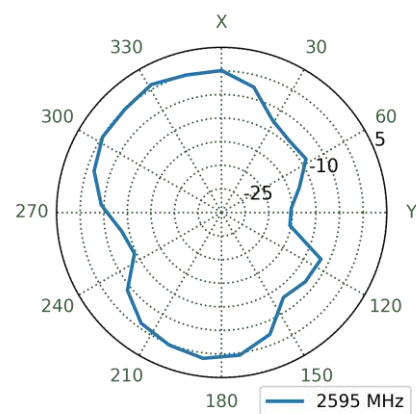
XZ Plane



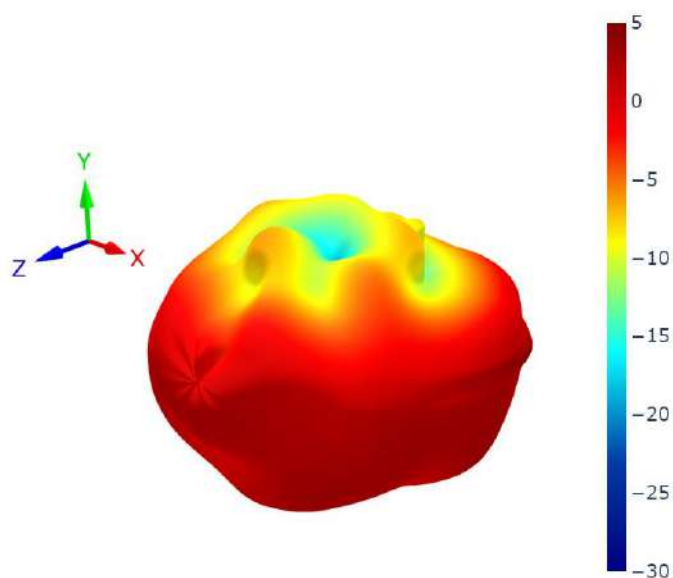
YZ Plane



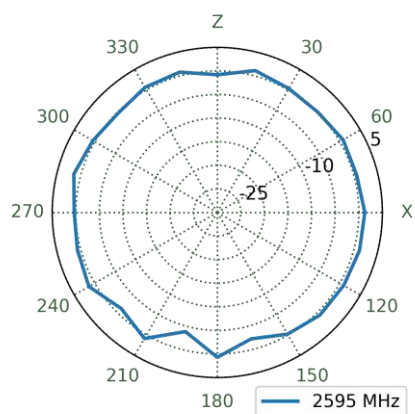
XY Plane



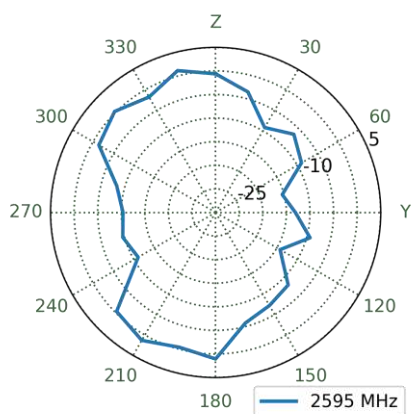
4.35 Bent on a 9x15cm Ground Plane Patterns at 2595 MHz



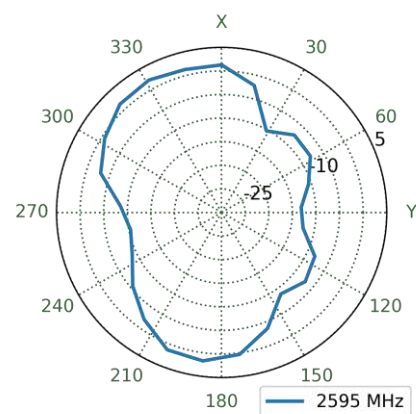
XZ Plane



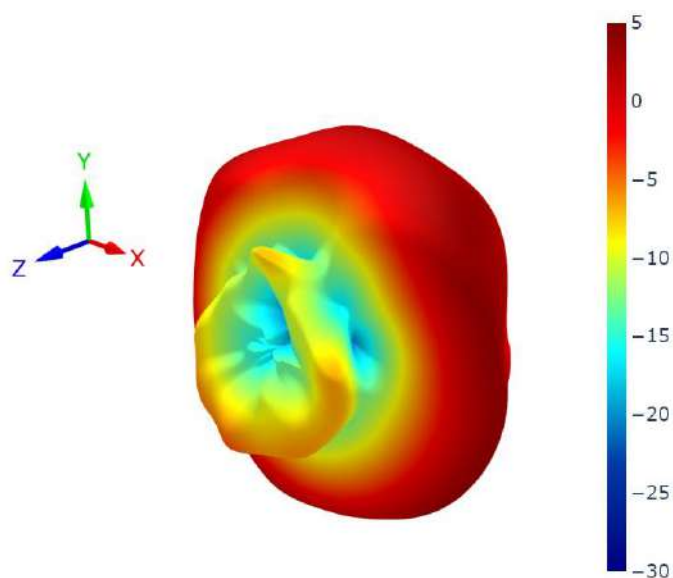
YZ Plane



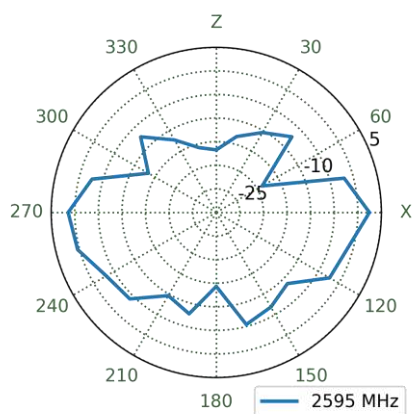
XY Plane



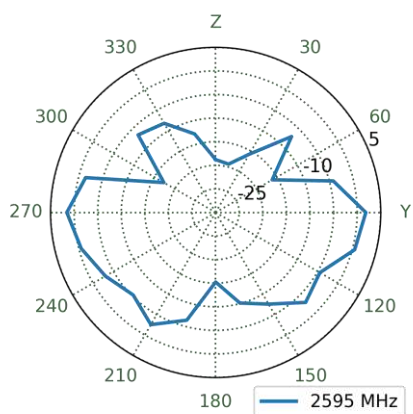
4.36 Straight in Free Space Patterns at 2595 MHz



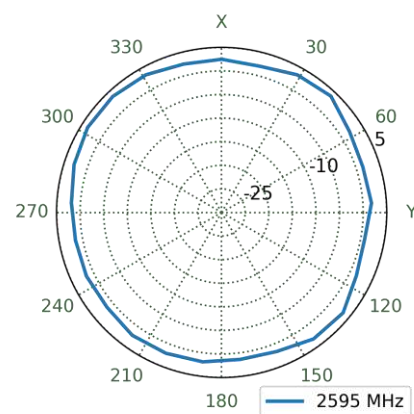
XZ Plane



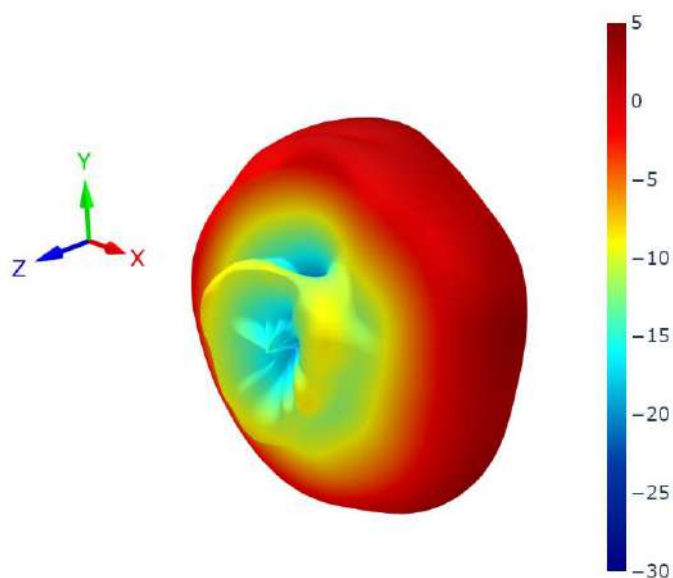
YZ Plane



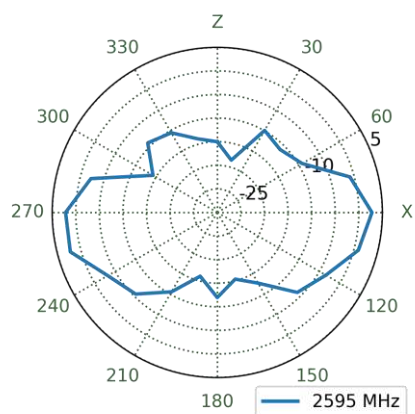
XY Plane



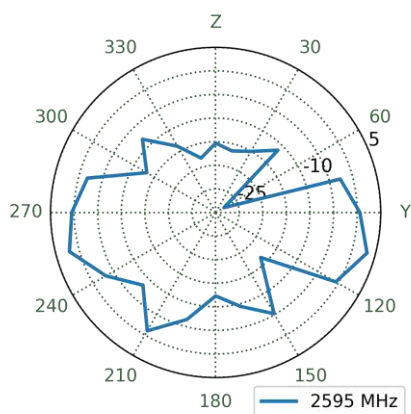
4.37 Straight on a 9x15cm Ground Plane Patterns at 2595 MHz



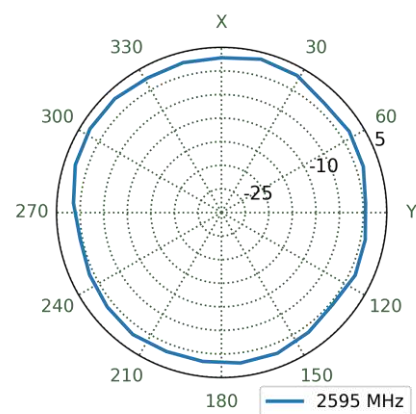
XZ Plane



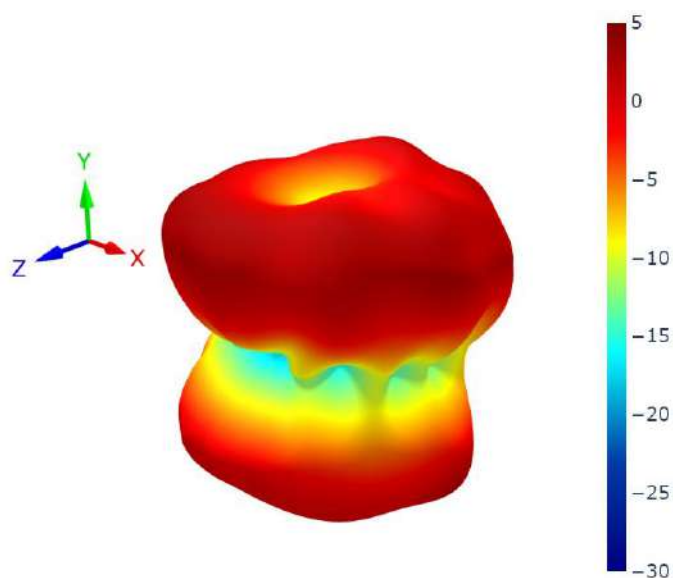
YZ Plane



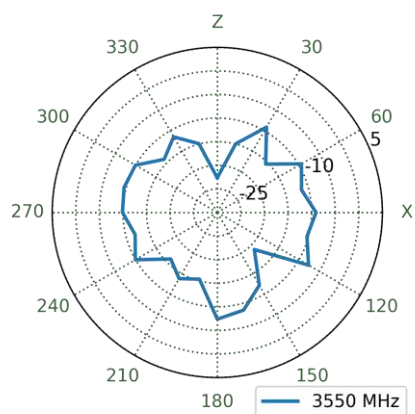
XY Plane



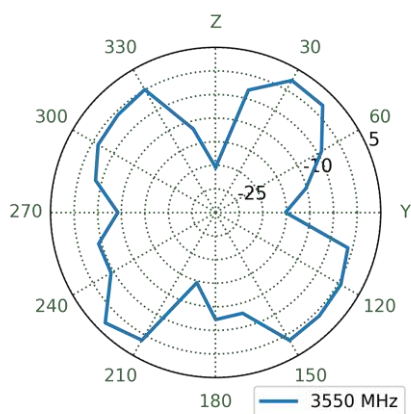
4.38 Bent in Free Space Patterns at 3550 MHz



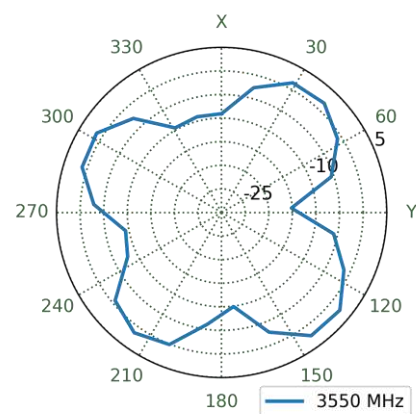
XZ Plane



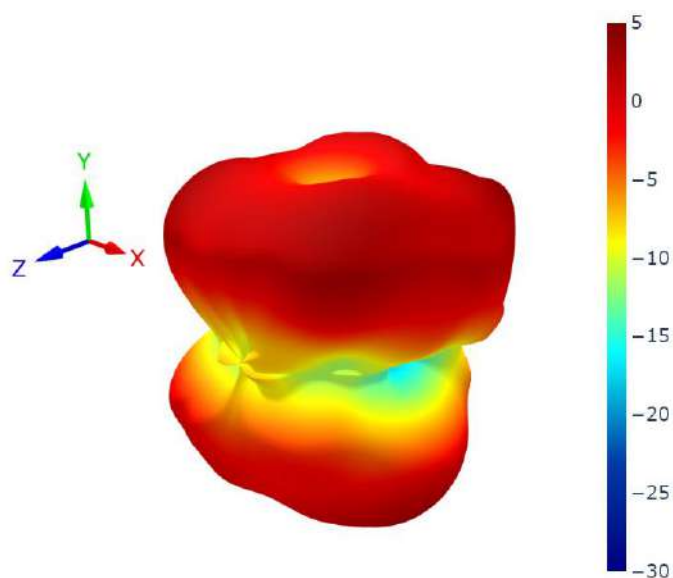
YZ Plane



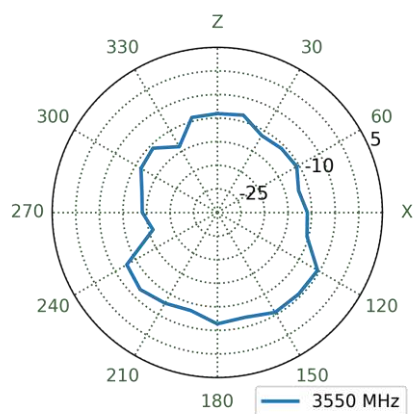
XY Plane



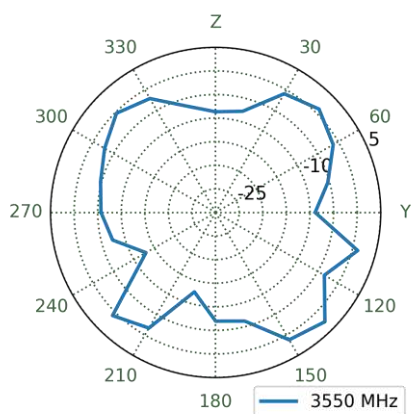
4.39 Bent on a 9x15cm Ground Plane Patterns at 3550 MHz



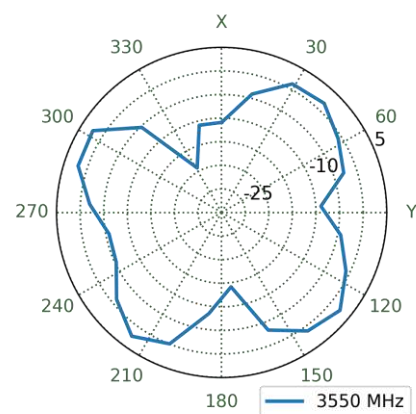
XZ Plane



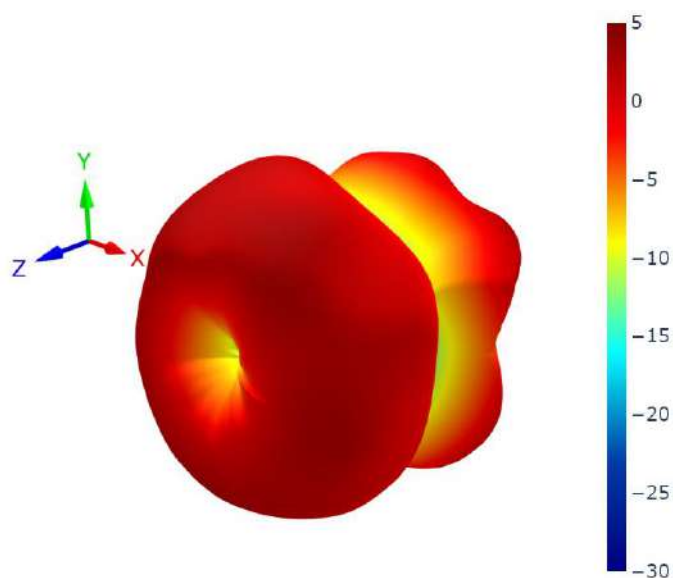
YZ Plane



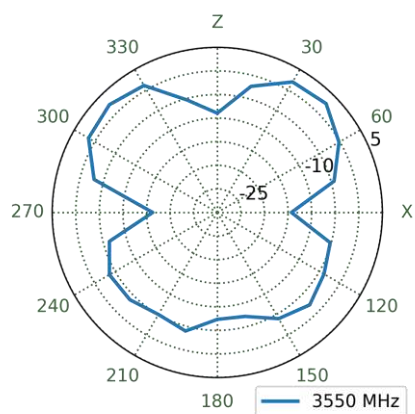
XY Plane



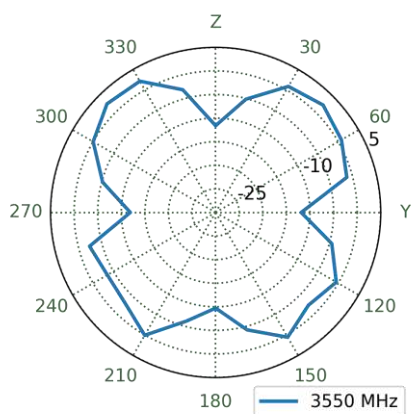
4.40 Straight in Free Space Patterns at 3550 MHz



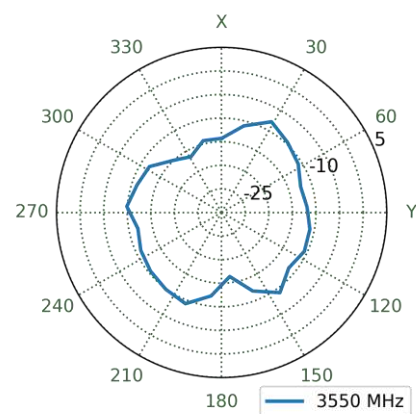
XZ Plane



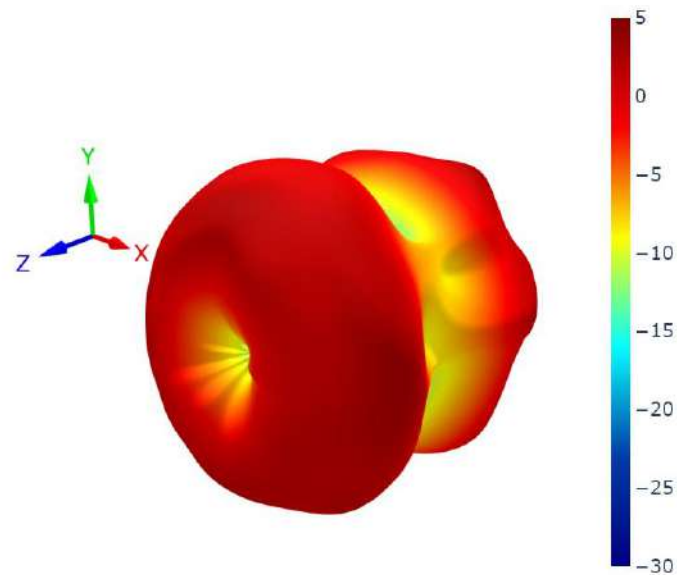
YZ Plane



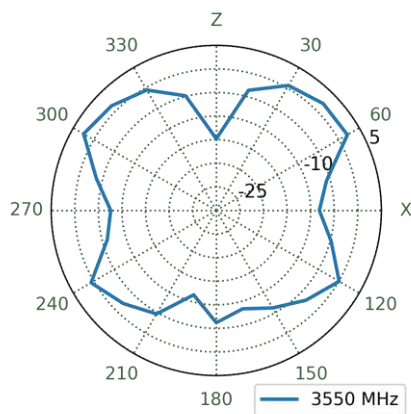
XY Plane



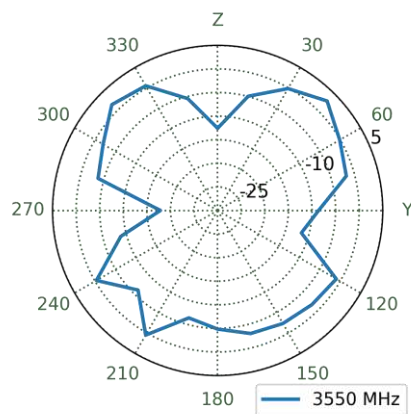
4.41 Straight on a 9x15cm Ground Plane Patterns at 3550 MHz



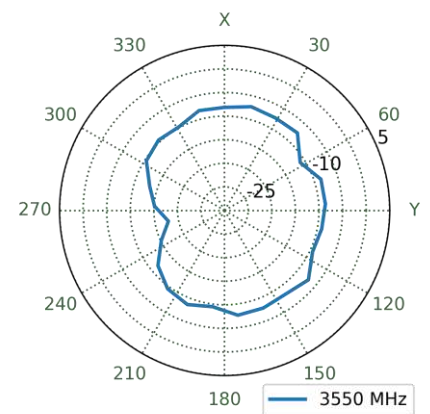
XZ Plane



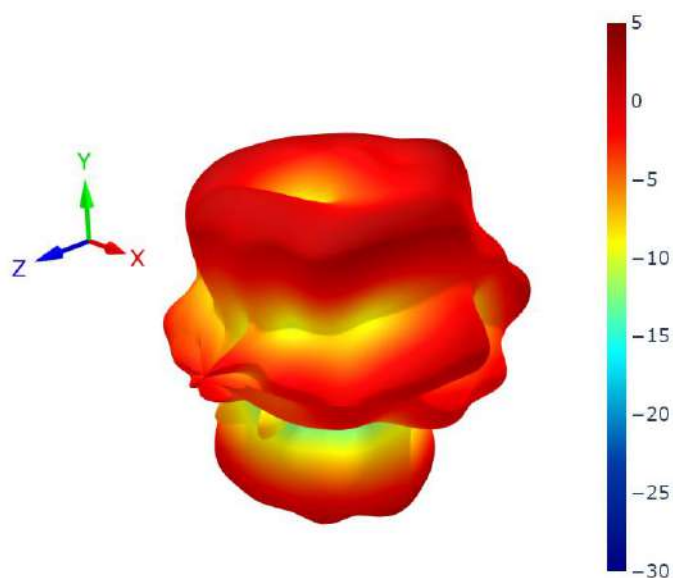
YZ Plane



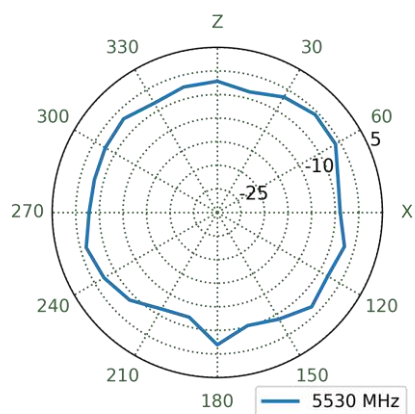
XY Plane



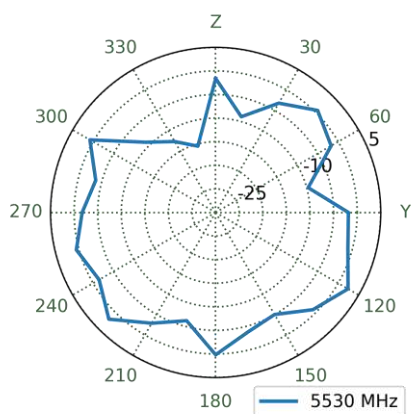
4.42 Bent in Free Space Patterns at 5530 MHz



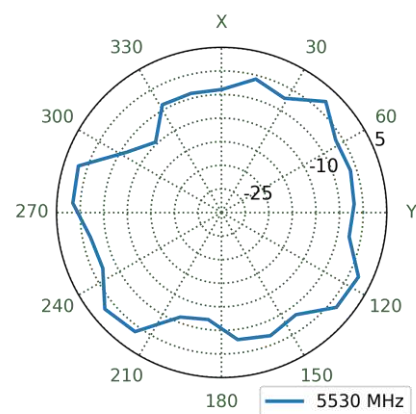
XZ Plane



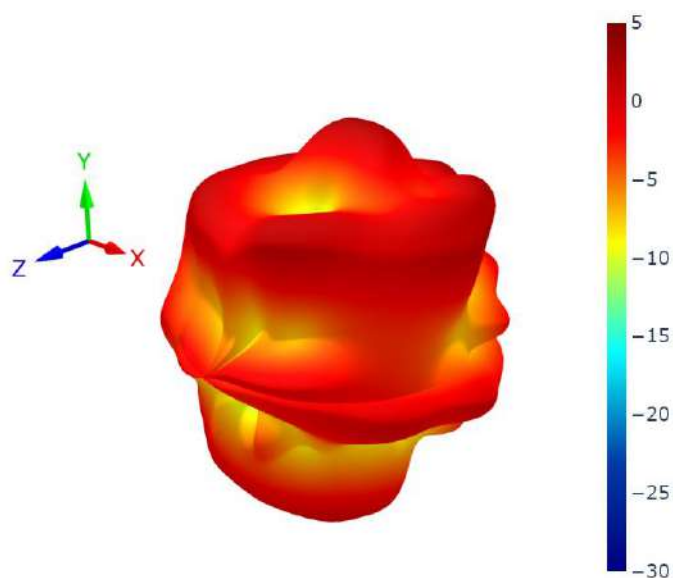
YZ Plane



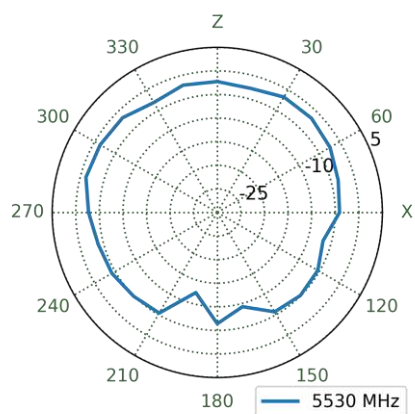
XY Plane



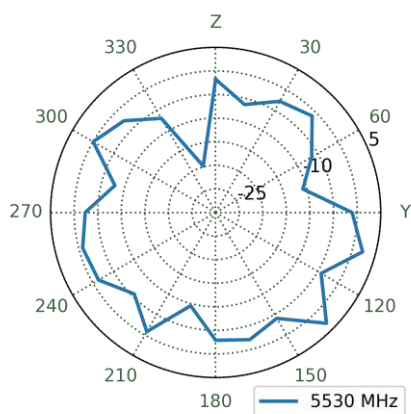
4.43 Bent on a 9x15cm Ground Plane Patterns at 5530 MHz



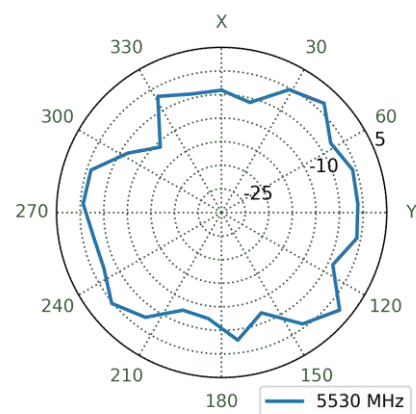
XZ Plane



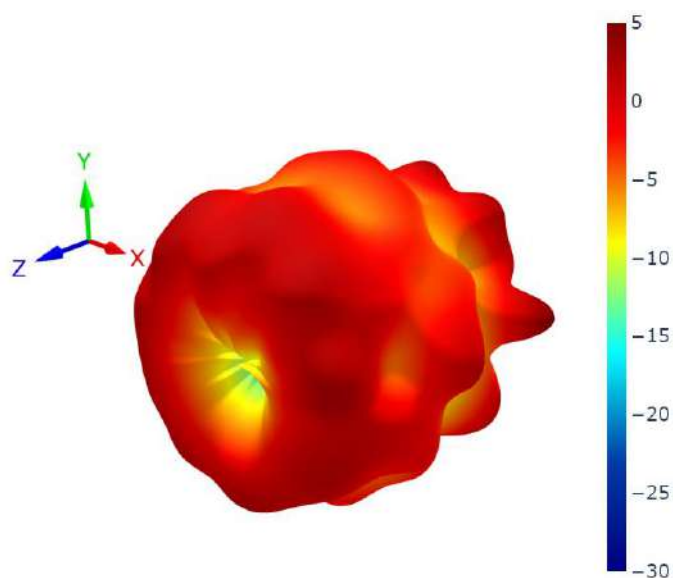
YZ Plane



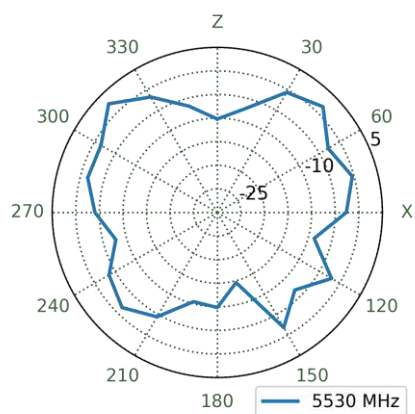
XY Plane



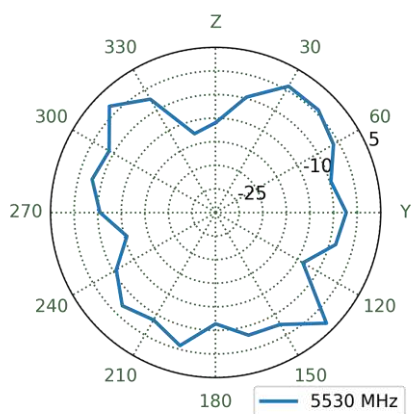
4.44 Straight in Free Space Patterns at 5530 MHz



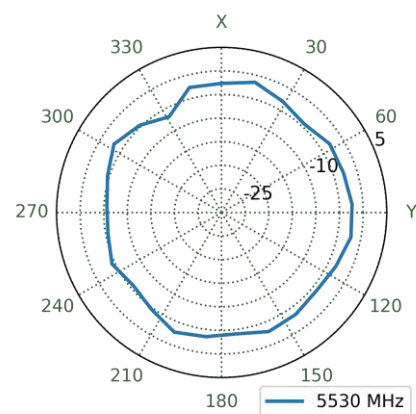
XZ Plane



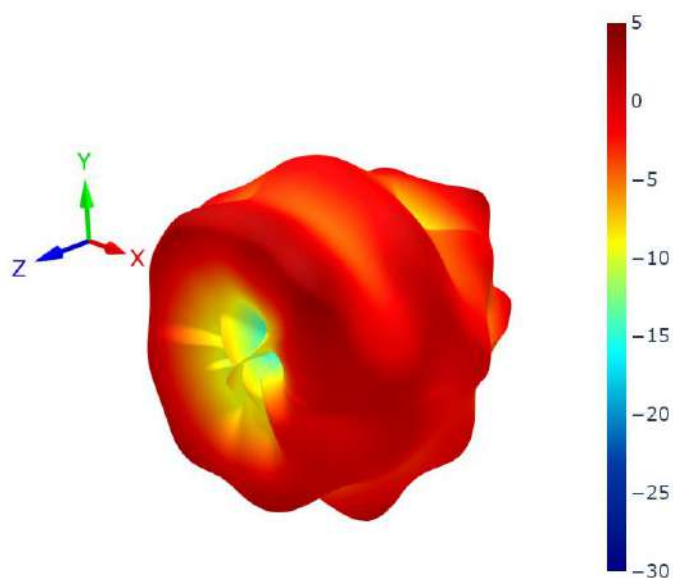
YZ Plane



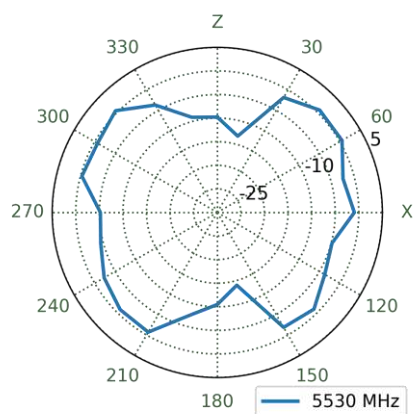
XY Plane



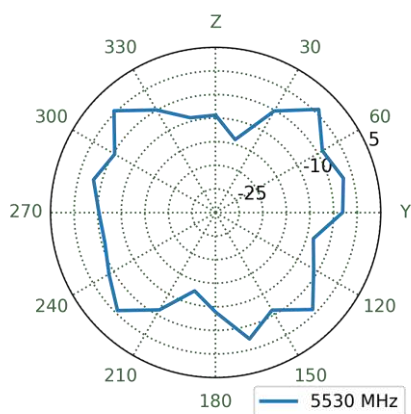
4.45 Straight on a 9x15cm Ground Plane Patterns at 5530 MHz



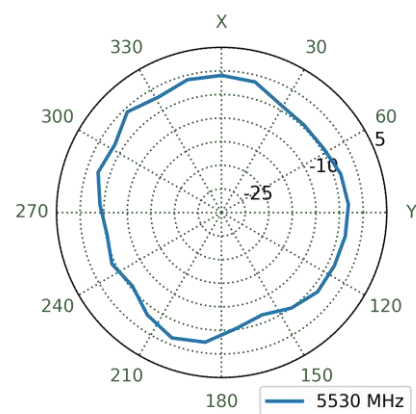
XZ Plane



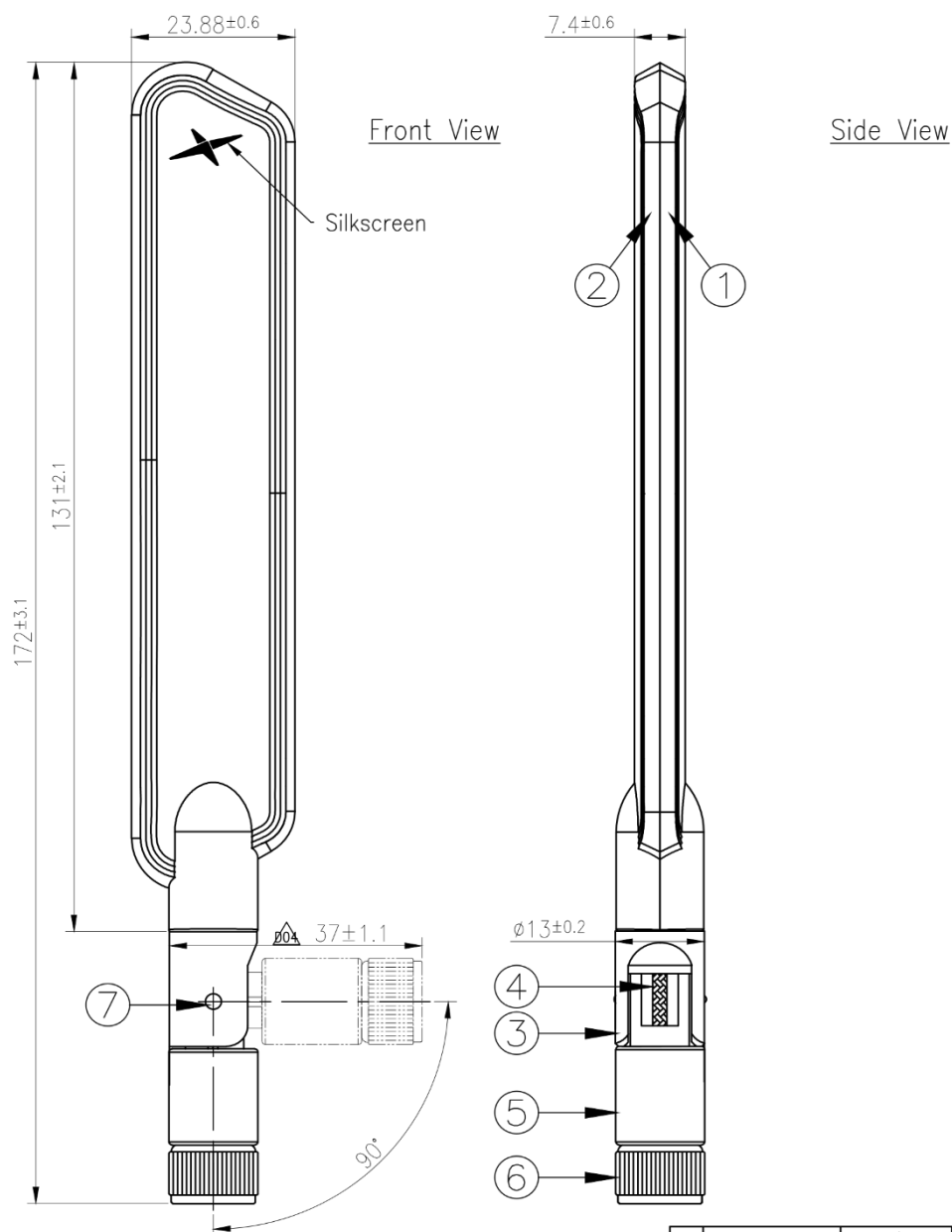
YZ Plane



XY Plane



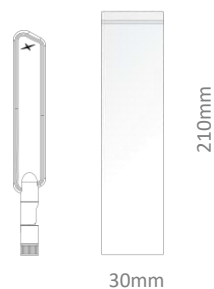
5. Mechanical Drawing



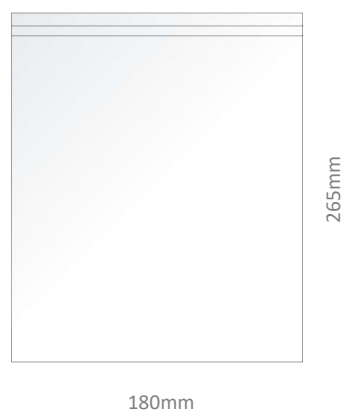
	Name	P/N	Material	Finish	QTY
1	Antenna Housing_Top	000119B020000A	PC+ABS	Black	1
2	Antenna Housing_Bottom	000119B030000A	PC+ABS	Black	1
3	Upper Base	001719C050000A	PBT+PC	Black	1
4	RG178 Coaxial Cable	001719C050000A	FEP	Brown	1
5	Bottom Base	001719C050000A	PBT+PC	Black	1
6	SMA(M)ST	001719C050000A	PBT+PC	Black	1
7	Rivet	001719C050000A	PBT+PC	Black	2

6. Packaging

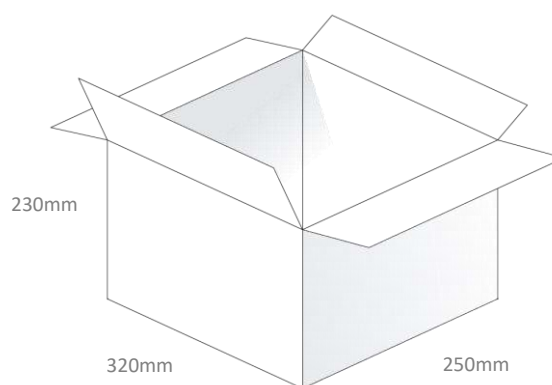
1pc TG.55 per Small PE Bag
Dimensions: 30*210mm
Weight: 31g



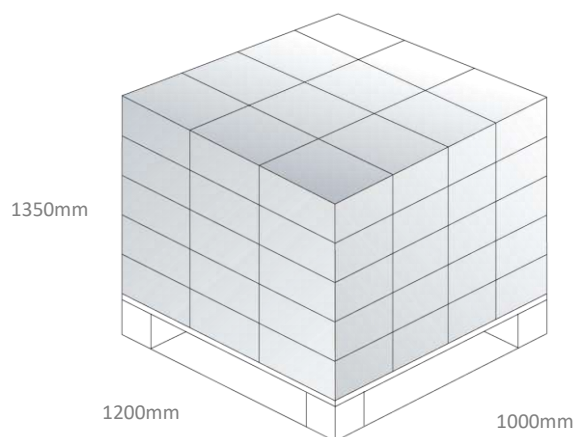
20pcs per Large PE Bag
Dimensions: 180*265mm
Weight: 620g



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



Changelog for the datasheet

SPE-19-8-061 – TG.55.8113

Revision: F (Current Version)

Date:	2024-02-14
Changes:	Retested antenna and included GPS band extended coverage 1559-1610MHz.
Changes Made by:	Gary West

Previous Revisions

Revision: E

Date:	2022-07-05
Changes:	Updated drawing
Changes Made by:	Jack Conroy

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 (Original First Release)

Date:	2019-05-22
Notes:	Initial Specification Release
Author:	Jack Conroy



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