

QUALIFICATION TEST REPORT

DG PN LTW10-915

LTW/WiFi ANTENNA

DAYTON-GRANGER, INC.


3299 SW 9th Avenue
Fort Lauderdale, FL 33315
(954) 463-3451
sales@daytongranger.com

PREPARED BY



Daniel Marti
Electrical Engineer

REVIEWED BY

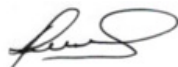


Rachel Pineda
QA Manager

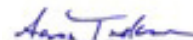
APPROVED BY



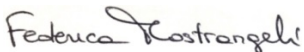
Phil Abramson
Engineering Manager



Dariel Pulido
Principal Mechanical Engineer



Aaron Ticknor
Senior Mechanical Engineer



Federica Mastrangeli
Principal Antenna Engineer

APPENDIX A.3 – ANTENNA GAIN TEST DATA

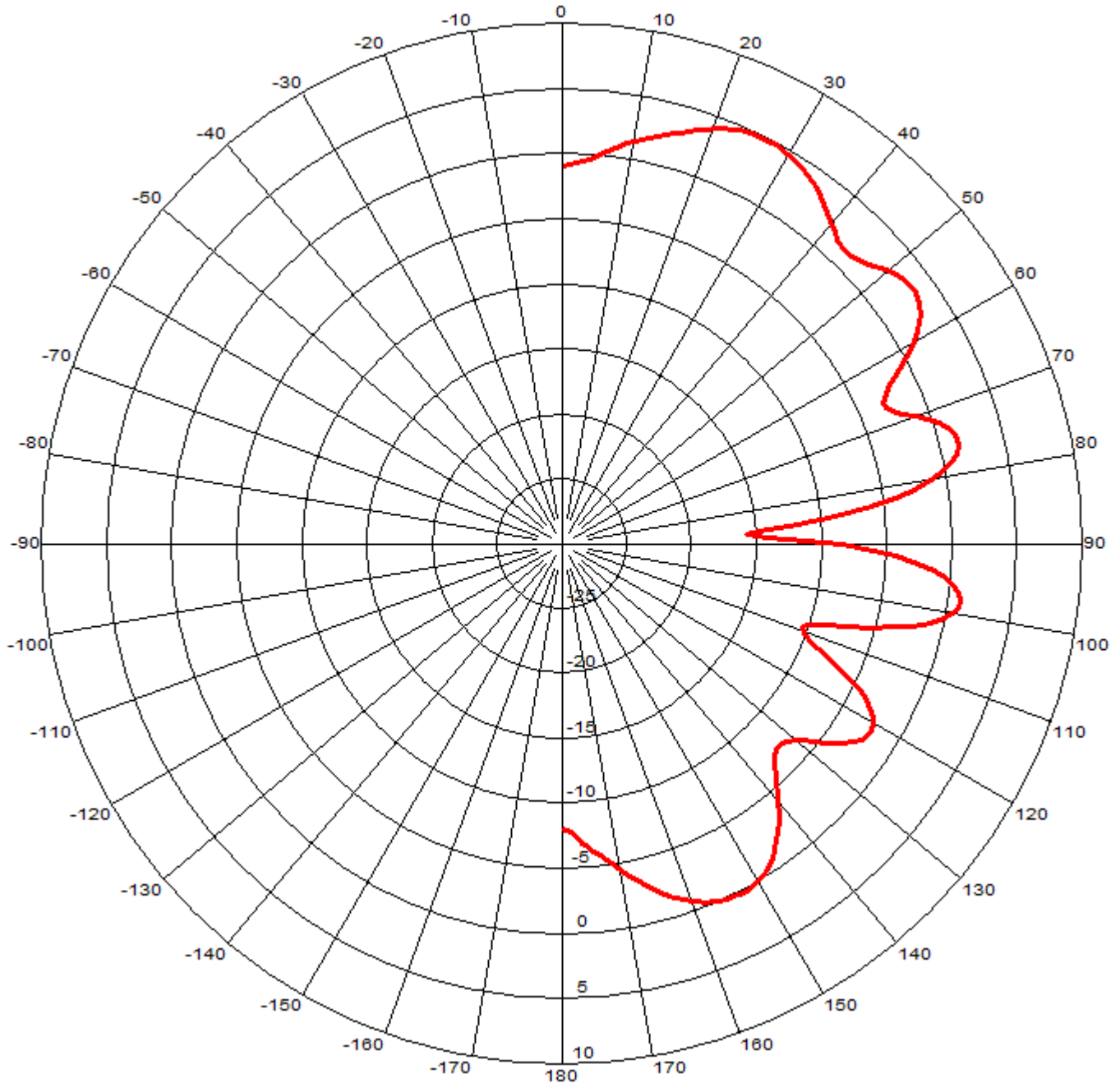
DIVERSITY PORT DATA

PN LTW10-915 (SN 0015)
MAGNITUDE dBi Vs AZIMUTH

FILENAME: LTW10-915_Pitch
FREQ: 700.00 MHz
POLARIZATION: Vertical

DATE: 06/05/2023

AZ = 0 Degrees

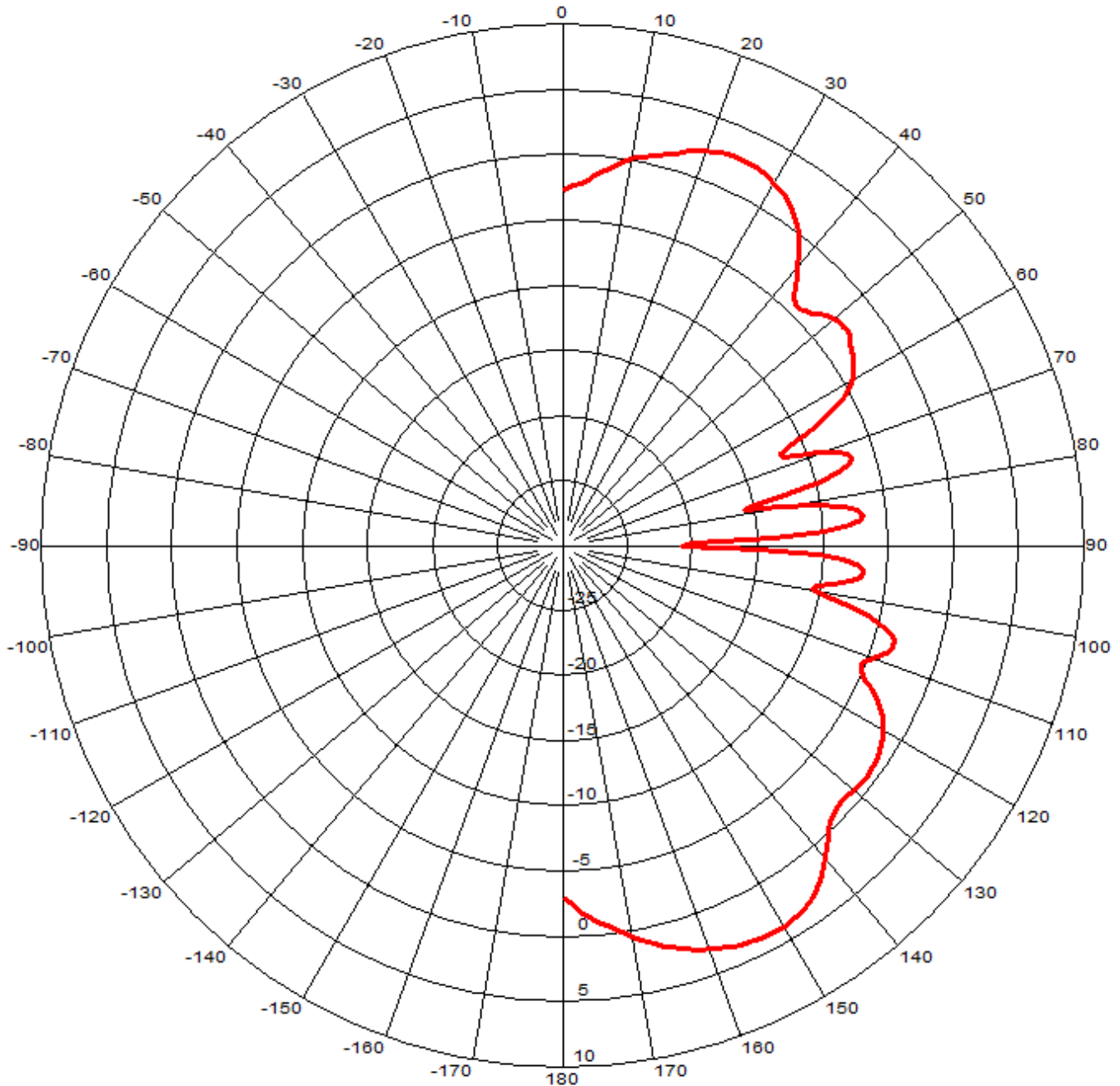


PN LTW10-915 (SN 0015)
MAGNITUDE dBi Vs AZIMUTH

FILENAME: LTW10-915_Roll
FREQ: 700.00 MHz
POLARIZATION: Vertical

DATE: 06/05/2023

AZ = 90 Degrees

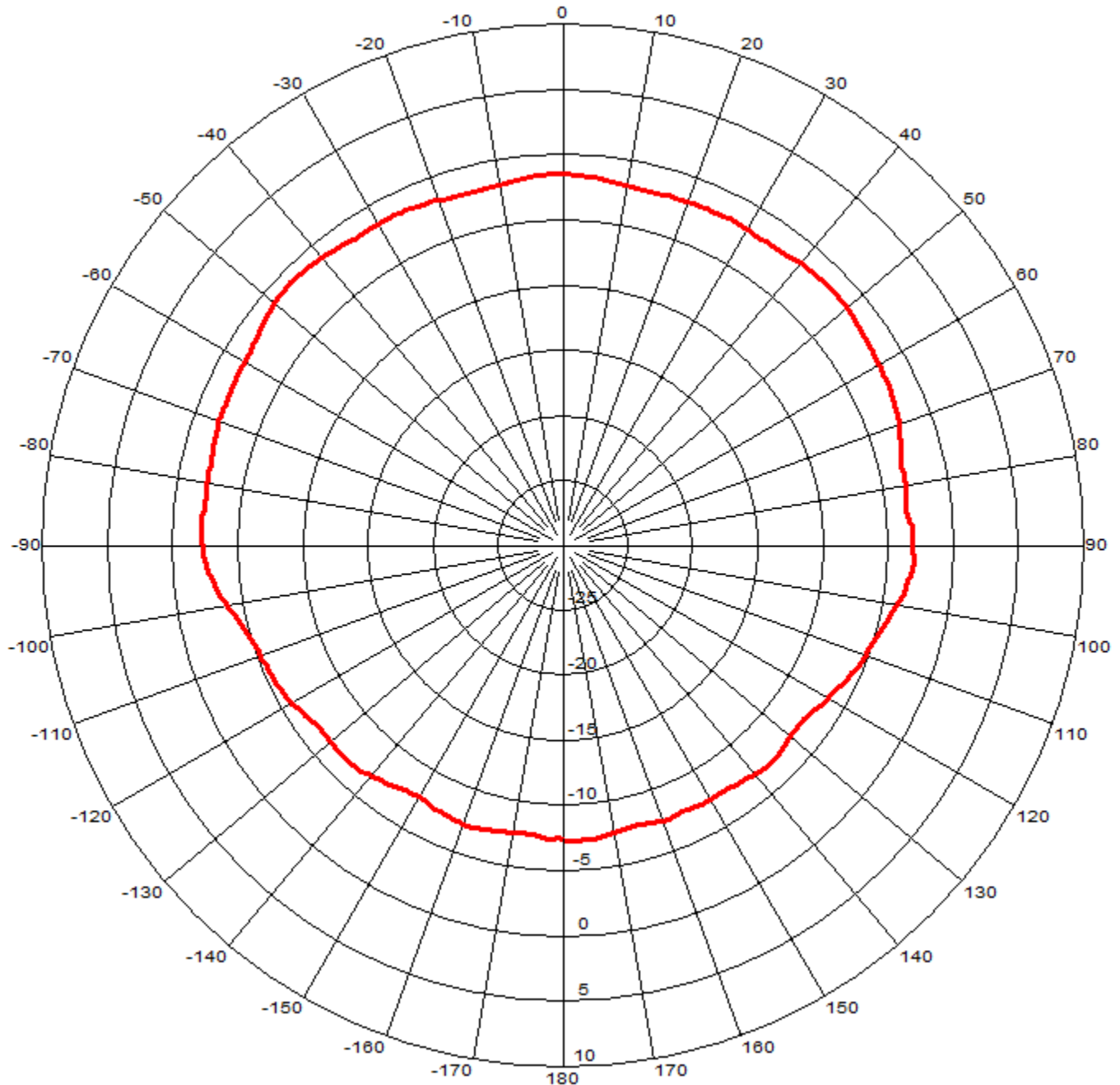


PN LTW10-915 (SN 0015)
MAGNITUDE dBi Vs AZIMUTH

FILENAME: LTW10-915_Yaw
FREQ: 700.00 MHz
POLARIZATION: Vertical

DATE: 06/05/2023

EL = 0 Degrees

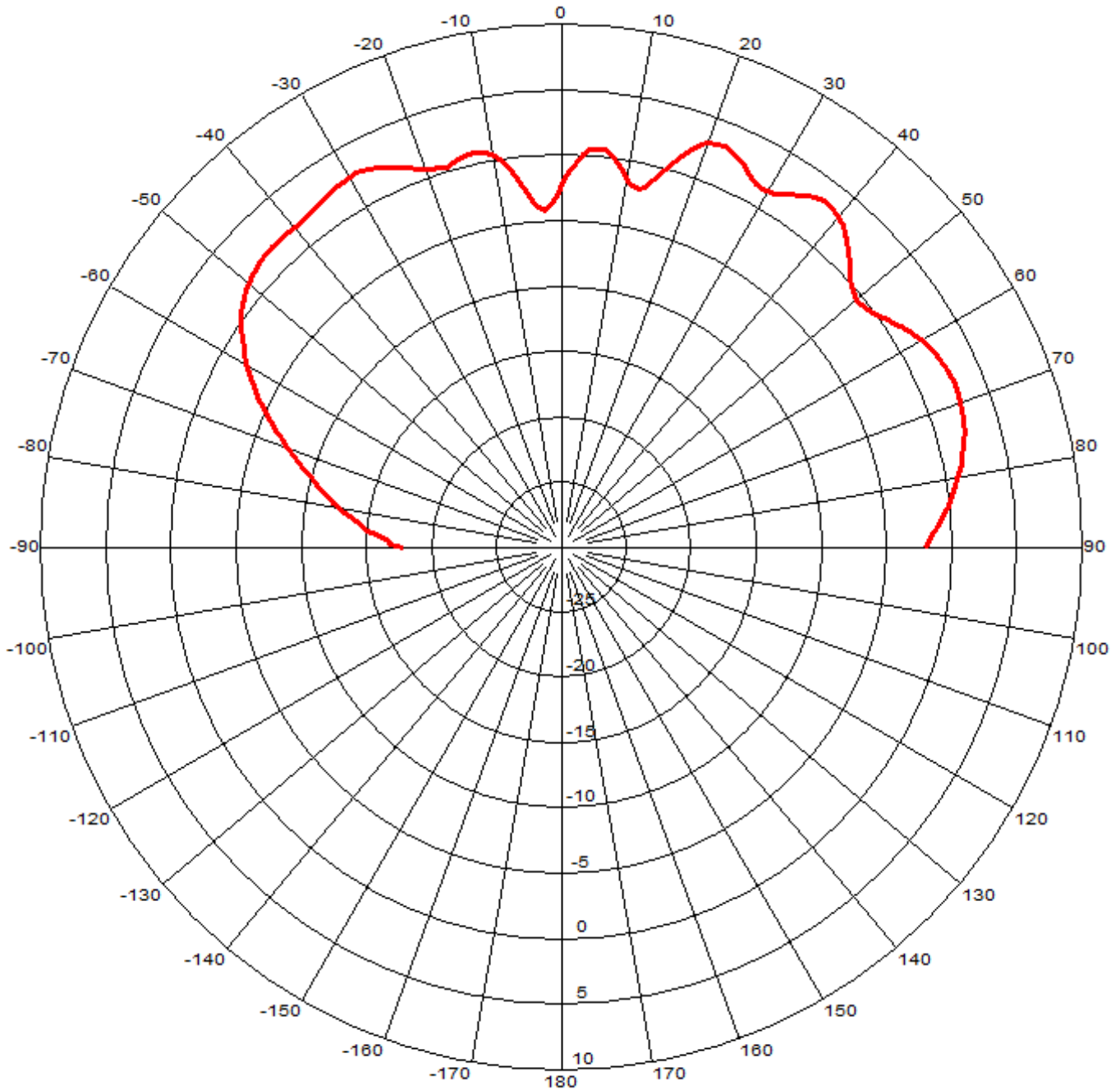


PN LTW10-915 (SN 0015)
MAGNITUDE dBi Vs AZIMUTH

FILENAME: LTW10-915_Pitch
FREQ: 1700.00 MHz
POLARIZATION: Vertical

DATE: 06/05/2023

AZ = 0 Degrees

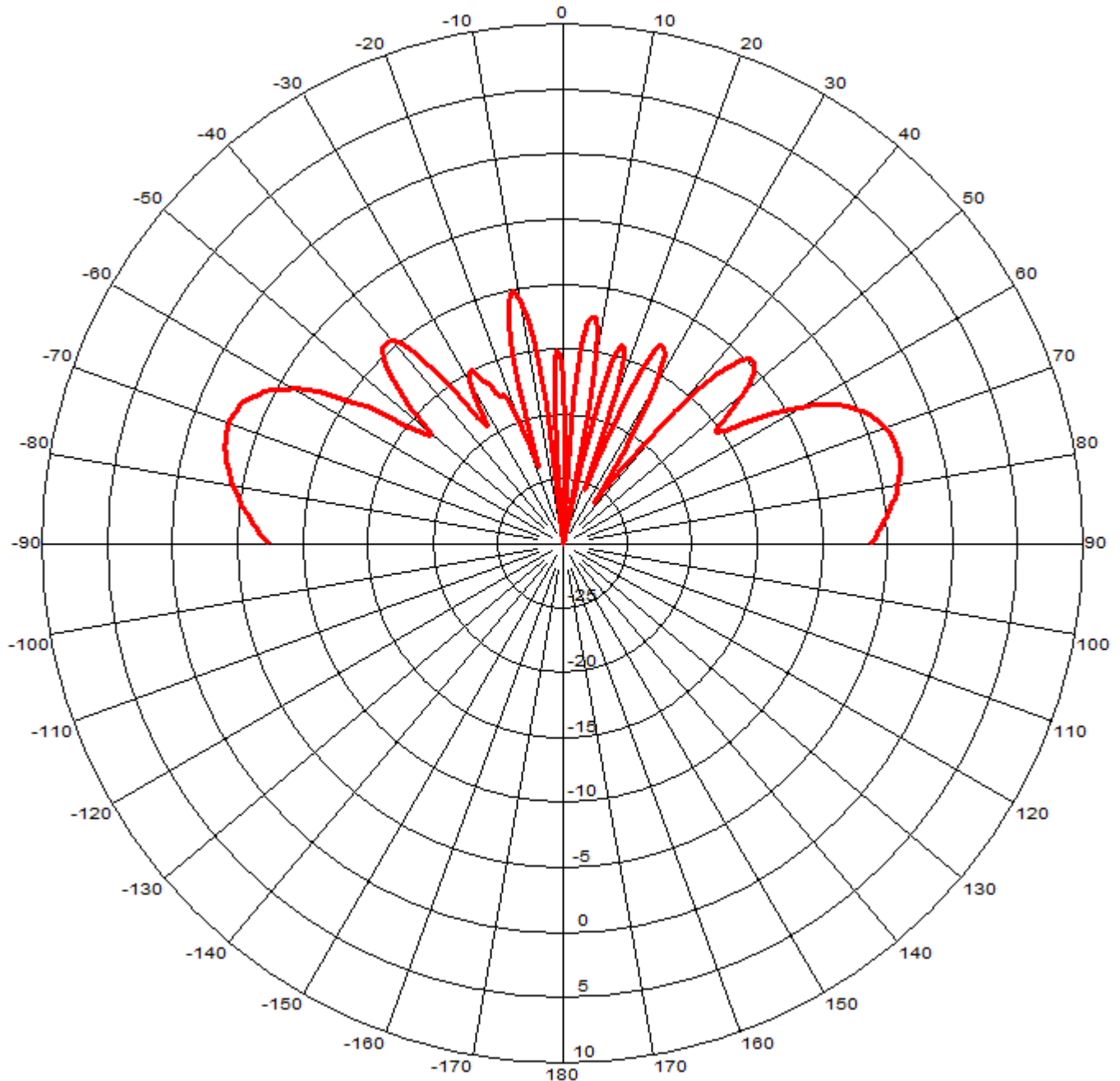


PN LTW10-915 (SN 0015)
MAGNITUDE dBi Vs AZIMUTH

FILENAME: LTW10-915_Roll
FREQ: 1700.00 MHz
POLARIZATION: Vertical

DATE: 06/05/2023

AZ = 90 Degrees

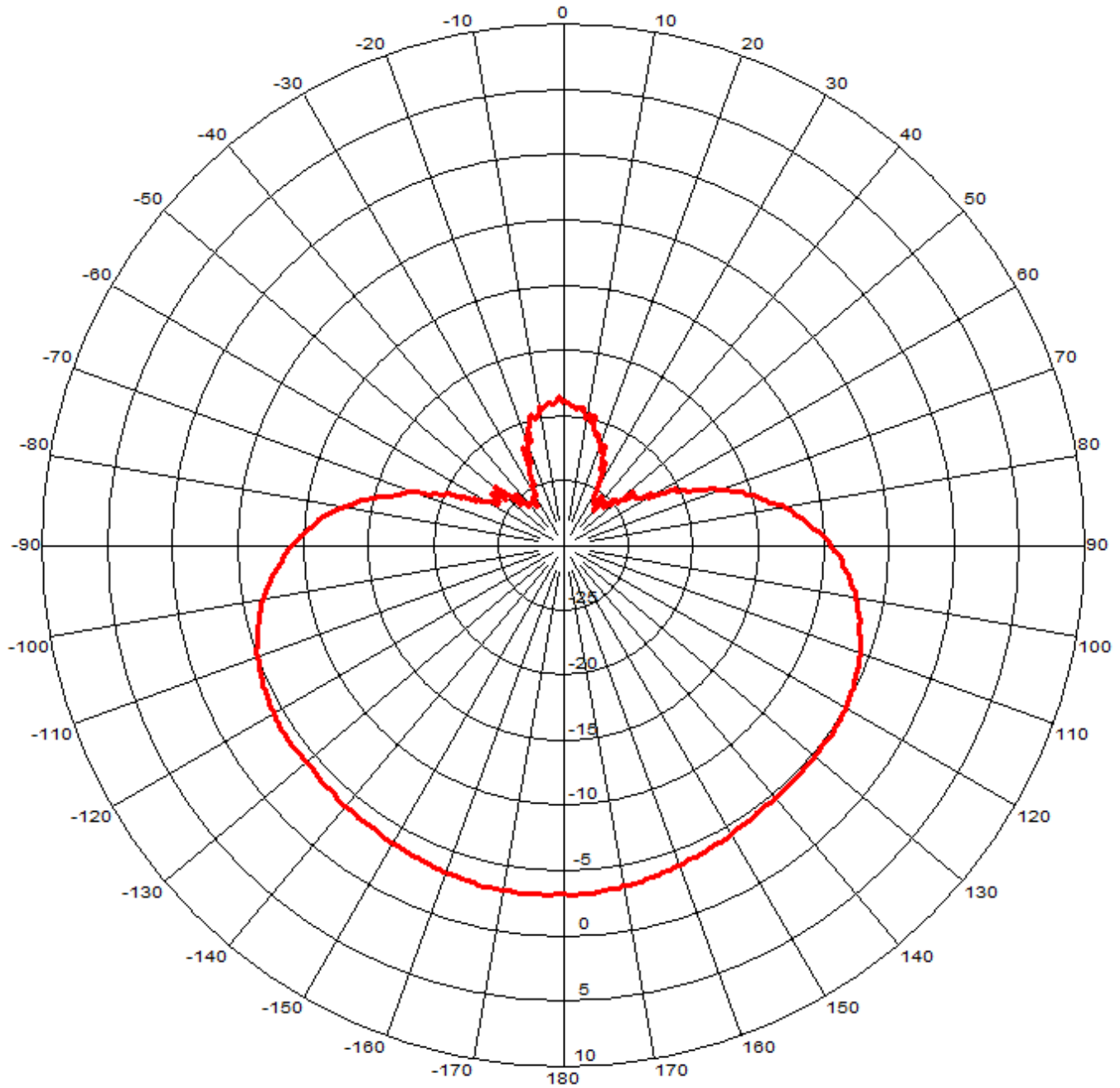


PN LTW10-915 (SN 0015)
MAGNITUDE dBi Vs AZIMUTH

FILENAME: LTW10-915_Yaw
FREQ: 1700.00 MHz
POLARIZATION: Vertical

DATE: 06/05/2023

EL = 0 Degrees

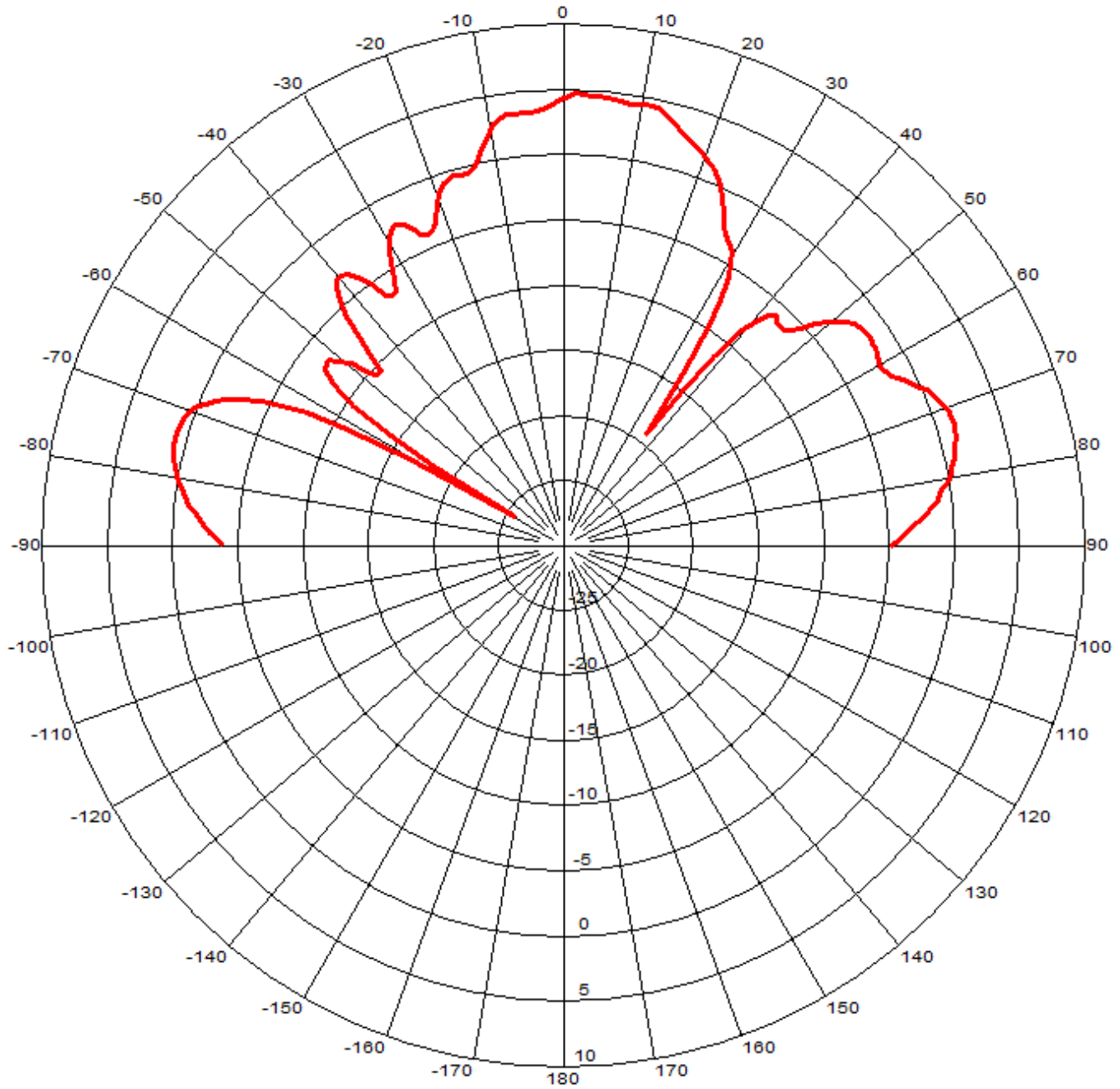


PN LTW10-915 (SN 0015)
MAGNITUDE dBi Vs AZIMUTH

FILENAME: LTW10-915_Pitch
FREQ: 2700.00 MHz
POLARIZATION: Vertical

DATE: 06/05/2023

AZ = 0 Degrees

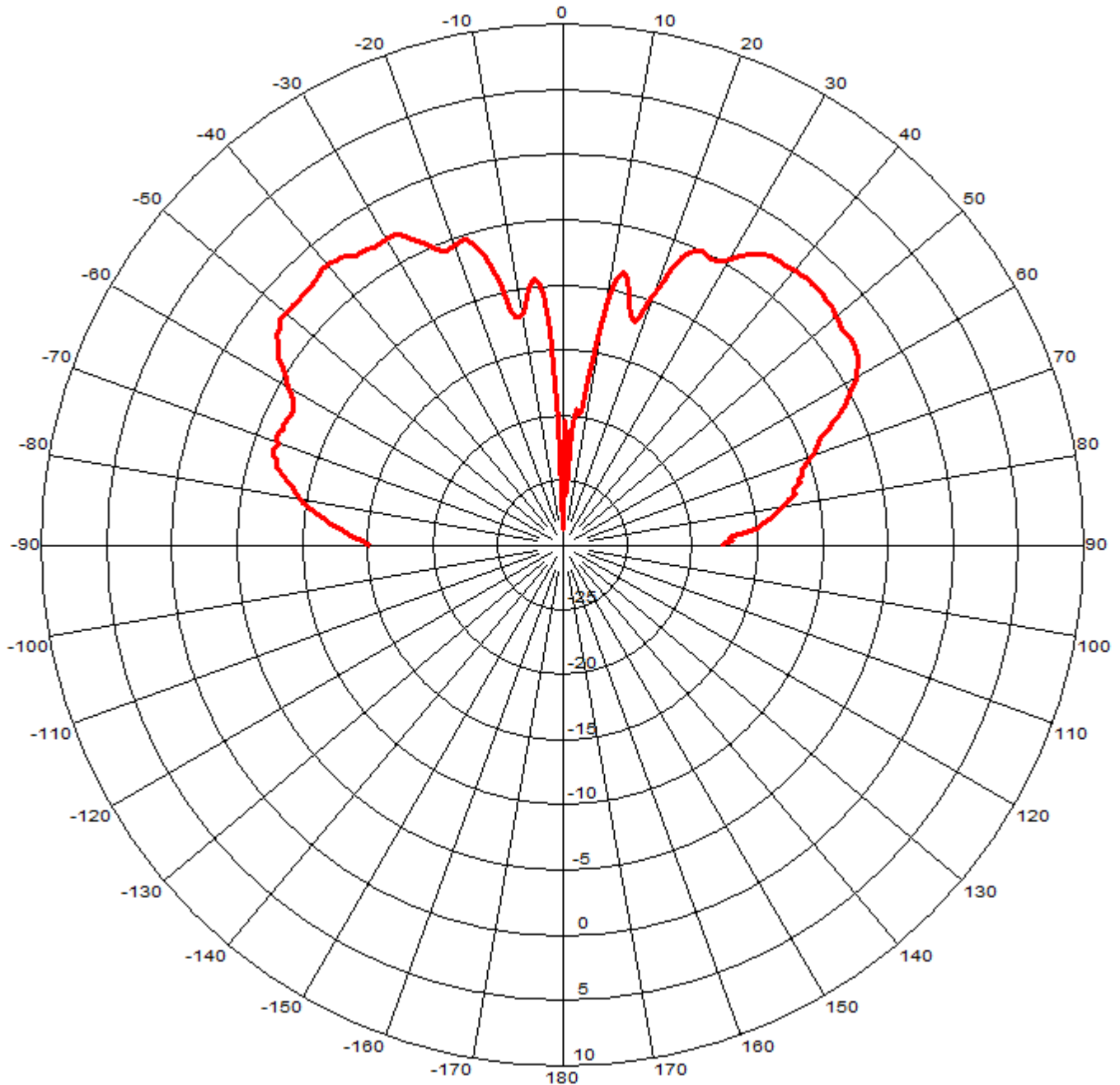


PN LTW10-915 (SN 0015)
MAGNITUDE dBi Vs AZIMUTH

FILENAME: LTW10-915_Roll
FREQ: 2700.00 MHz
POLARIZATION: Vertical

DATE: 06/05/2023

AZ = 90 Degrees

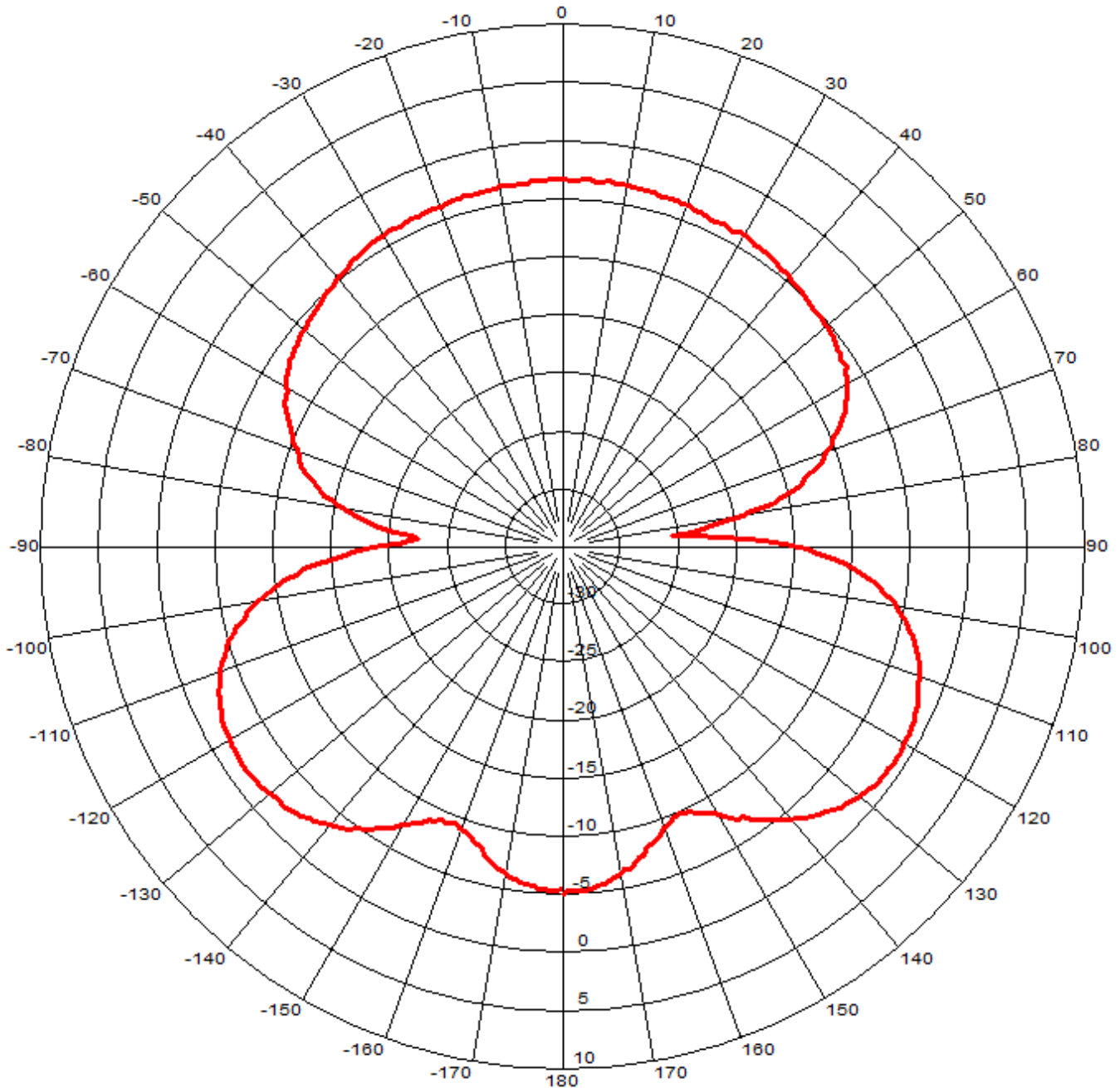


PN LTW10-915 (SN 0015)
MAGNITUDE dBi Vs AZIMUTH

FILENAME: LTW10-915_Yaw
FREQ: 2700.00 MHz
POLARIZATION: Vertical

DATE: 06/05/2023

EL = 0 Degrees



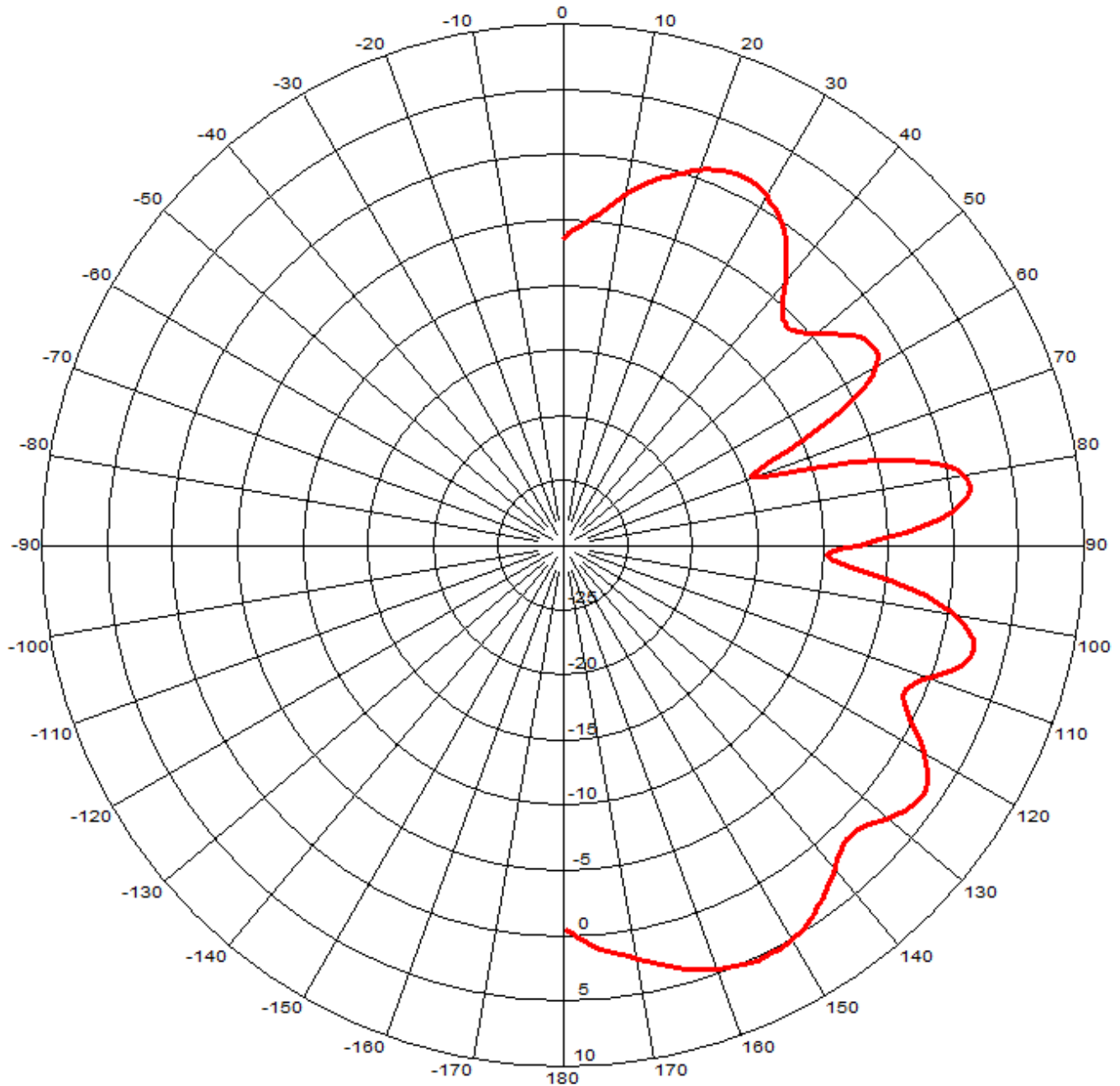
PRIMARY PORT DATA

PN LTW10-915 (SN 0015)
MAGNITUDE dBi Vs AZIMUTH

FILENAME: LTW10-915_Pitch
FREQ: 700.00 MHz
POLARIZATION: Vertical

DATE: 06/05/2023

AZ = 0 Degrees

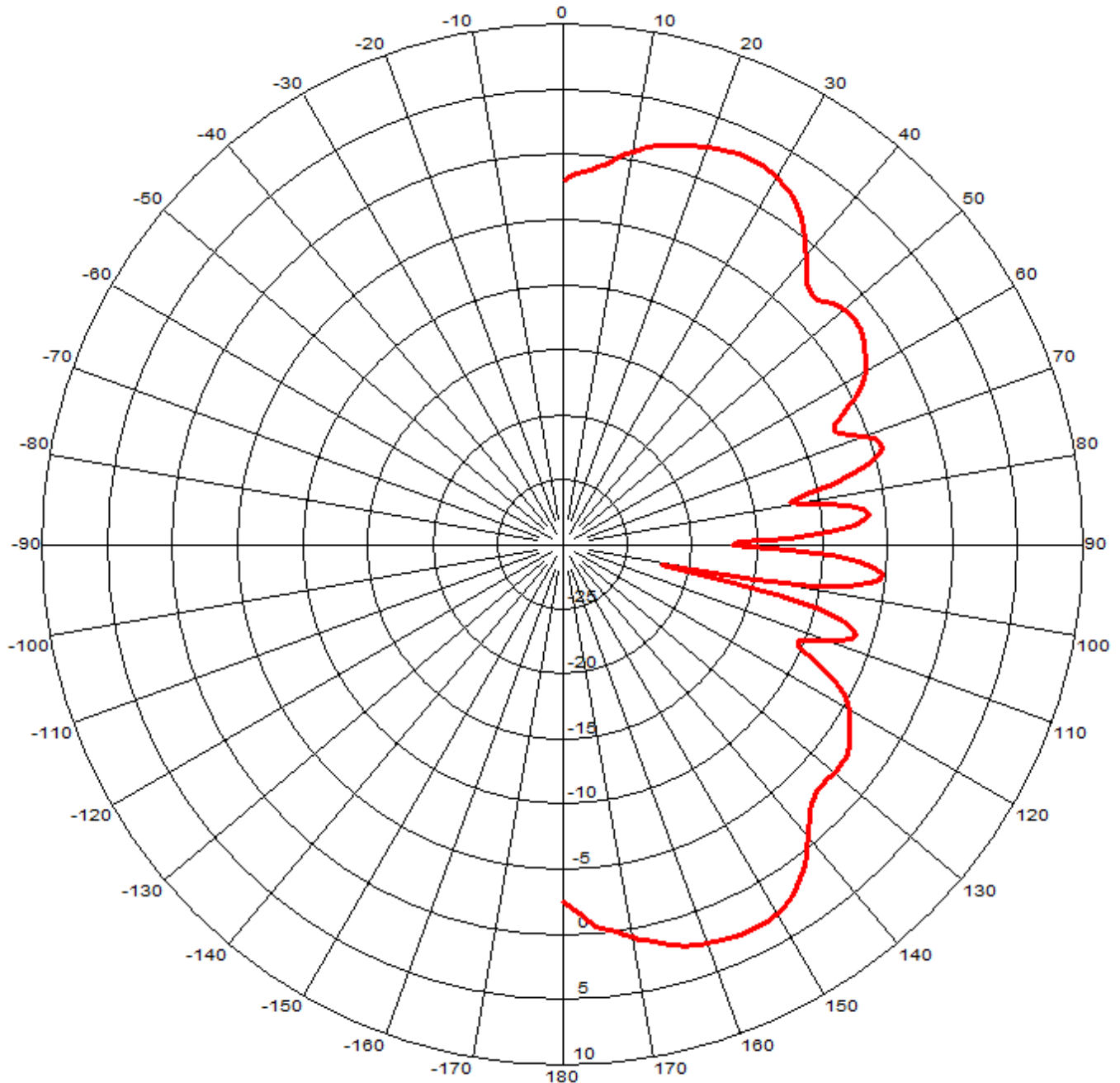


PN LTW10-915 (SN 0015)
MAGNITUDE dBi Vs AZIMUTH

FILENAME: LTW10-915_Roll
FREQ: 700.00 MHz
POLARIZATION: Vertical

DATE: 06/05/2023

AZ = 90 Degrees

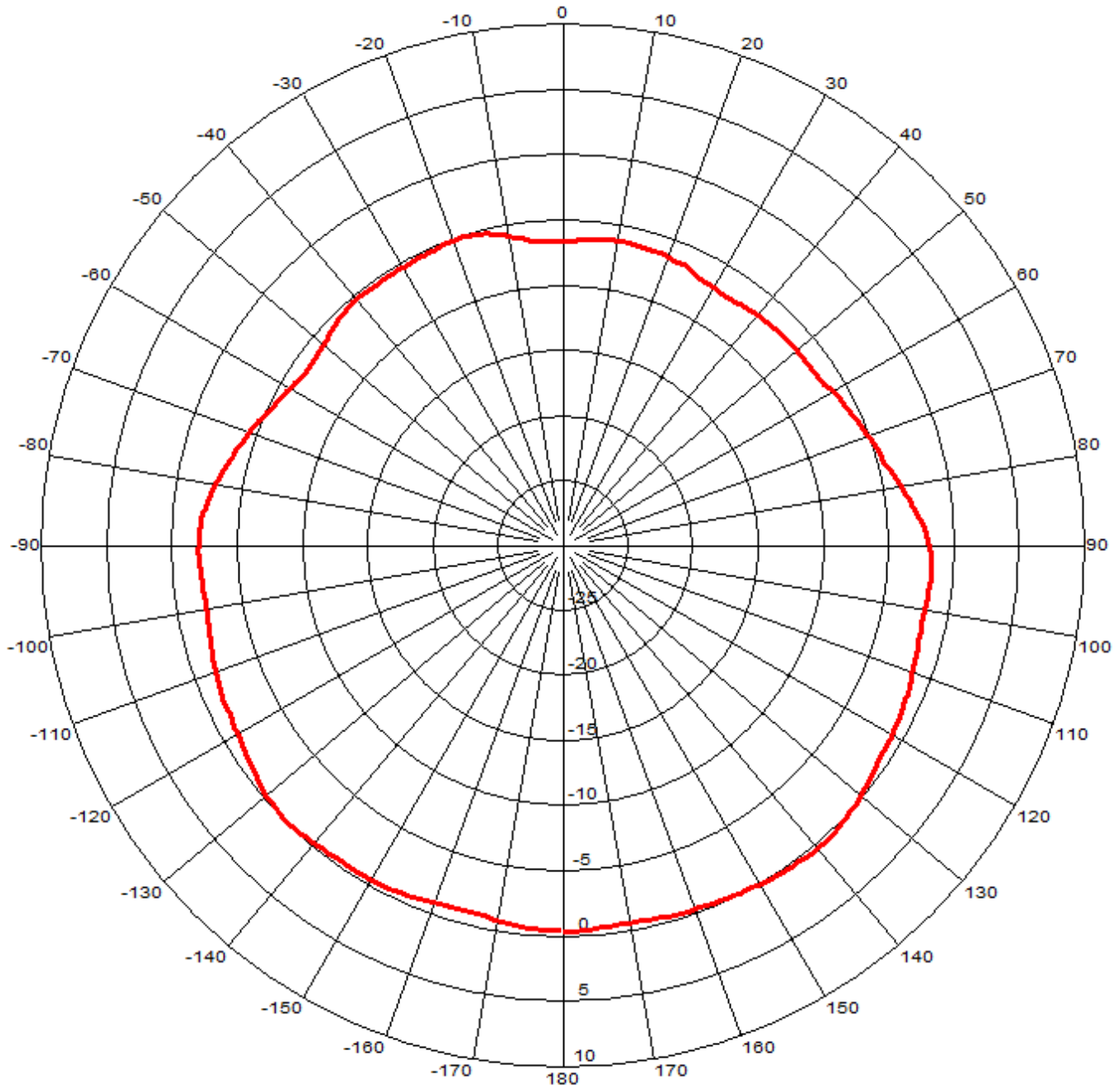


PN LTW10-915 (SN 0015)
MAGNITUDE dBi Vs AZIMUTH

FILENAME: LTW10-915_Yaw
FREQ: 700.00 MHz
POLARIZATION: Vertical

DATE: 06/05/2023

EL = 0 Degrees

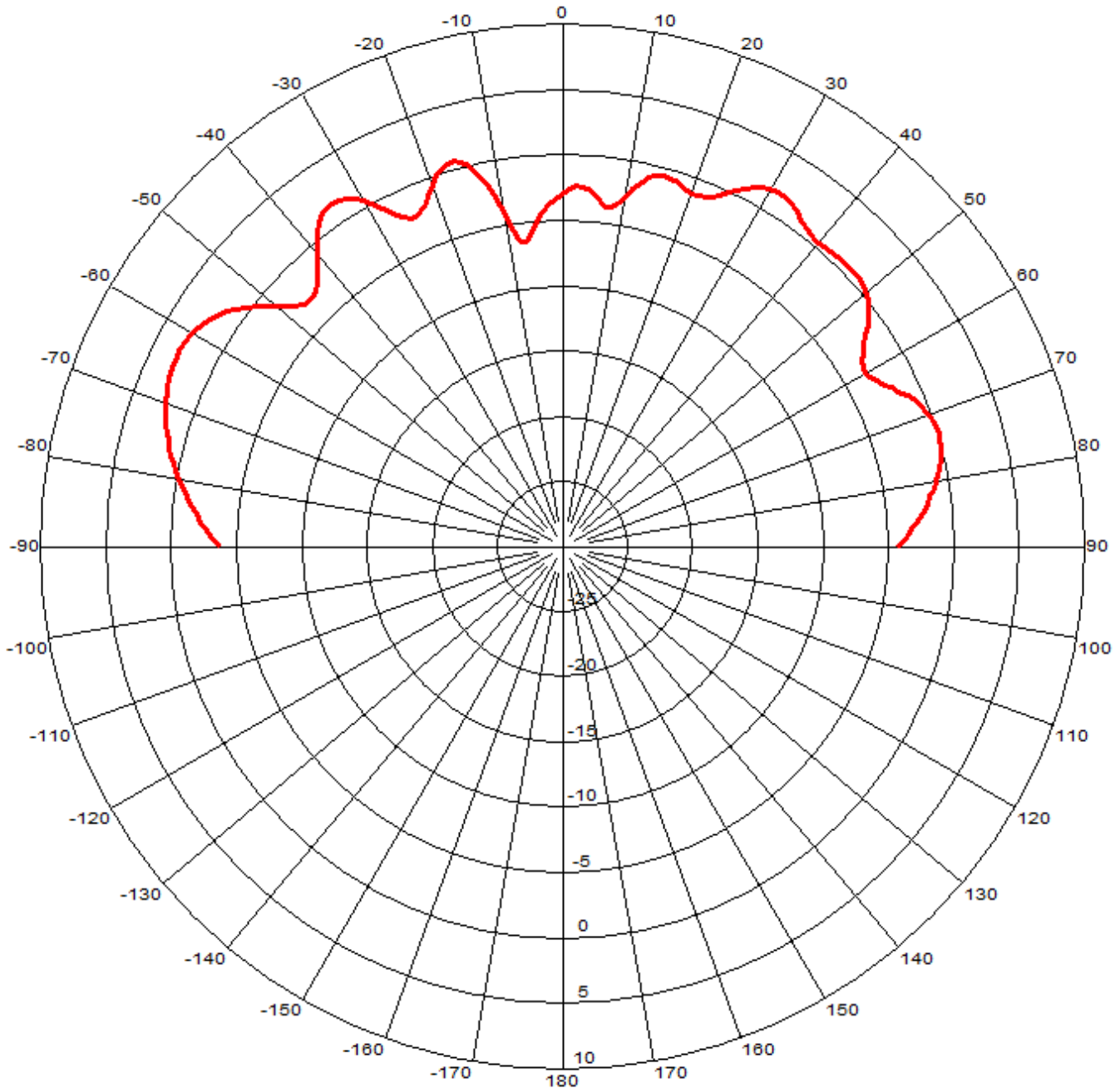


PN LTW10-915 (SN 0015)
MAGNITUDE dBi Vs AZIMUTH

FILENAME: LTW10-915_Pitch
FREQ: 1700.00 MHz
POLARIZATION: Vertical

DATE: 06/05/2023

AZ = 0 Degrees

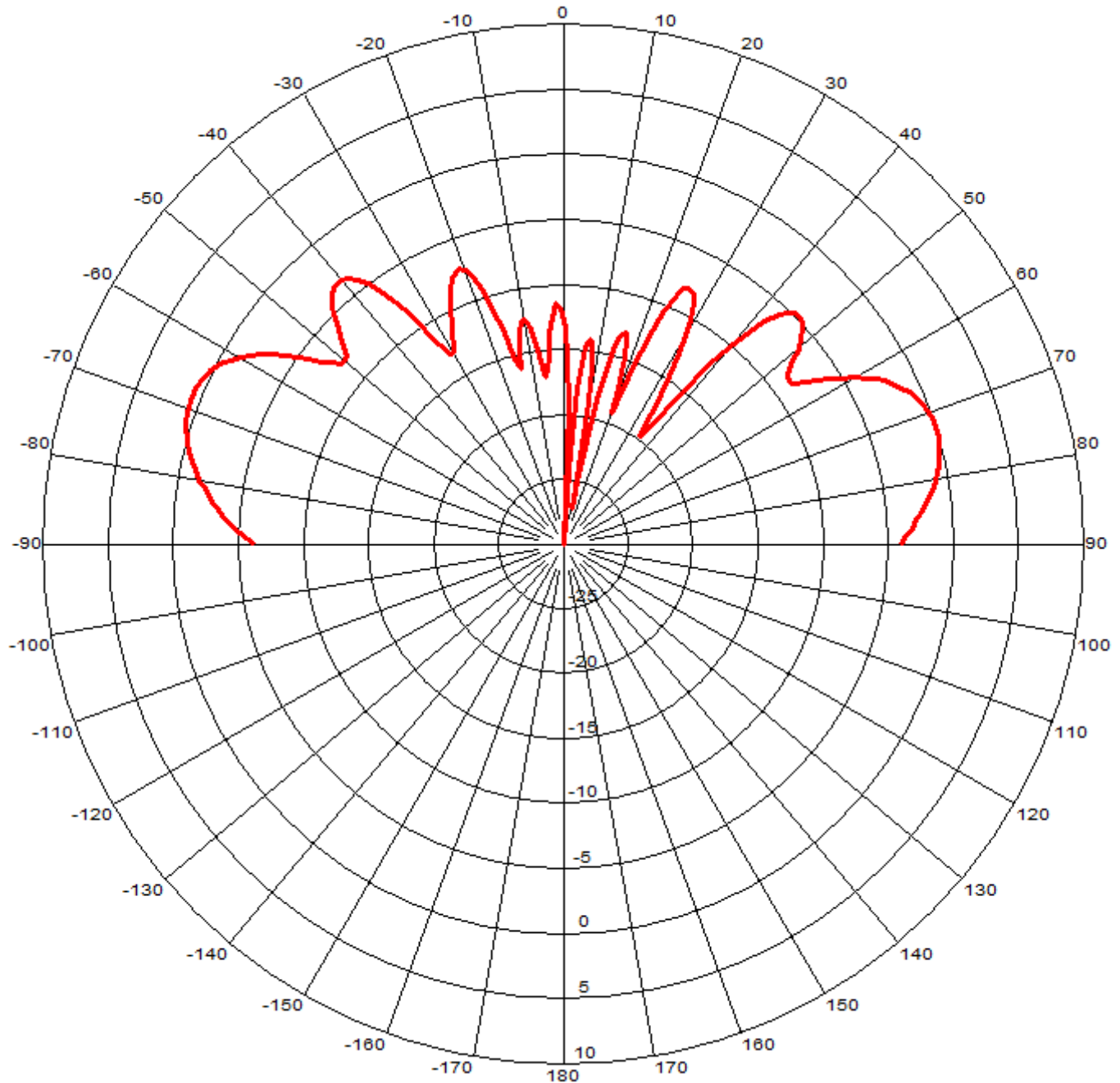


PN LTW10-915 (SN 0015)
MAGNITUDE dBi Vs AZIMUTH

FILENAME: LTW10-915_Roll
FREQ: 1700.00 MHz
POLARIZATION: Vertical

DATE: 06/05/2023

AZ = 90 Degrees

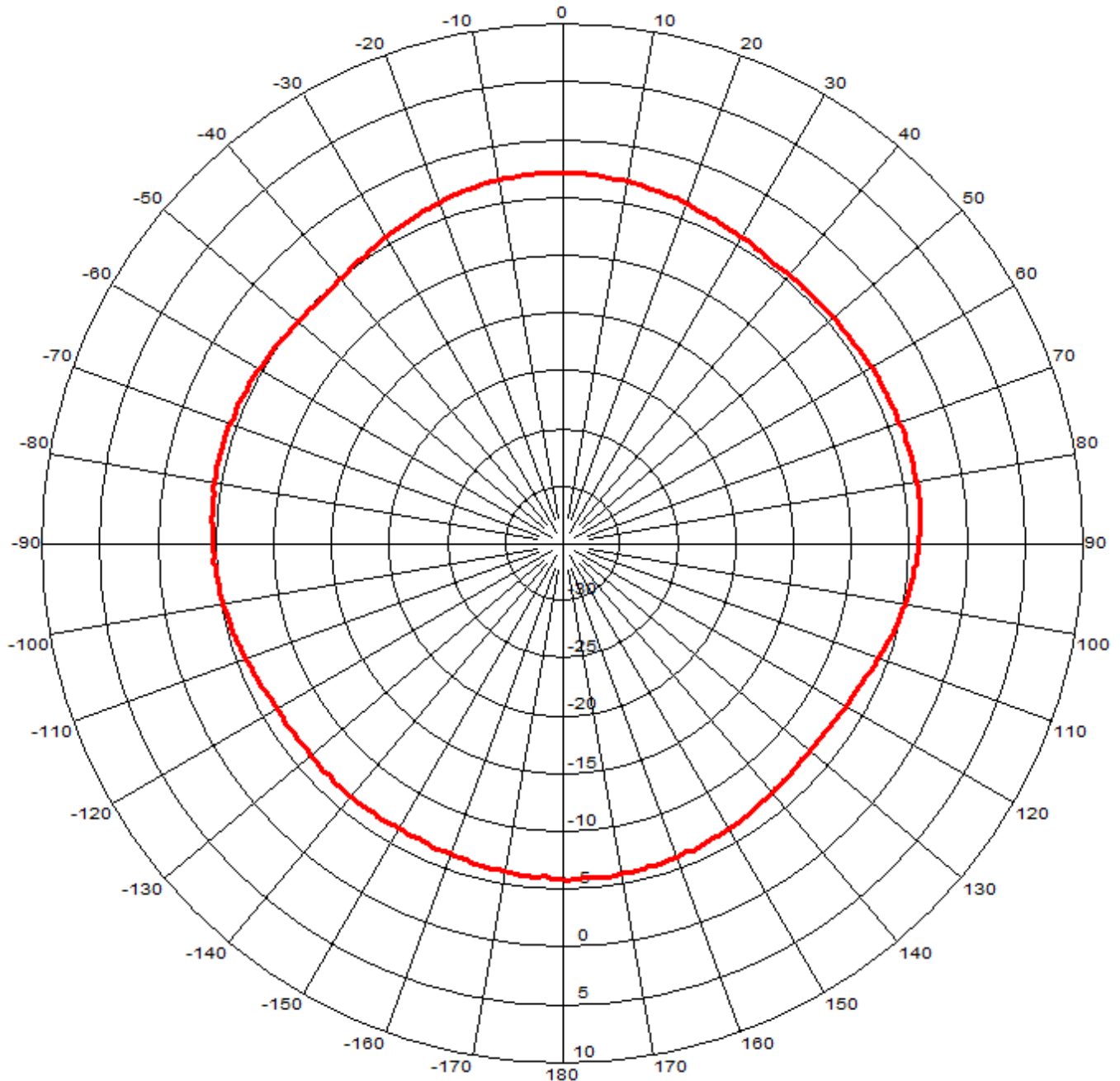


PN LTW10-915 (SN 0015)
MAGNITUDE dBi Vs AZIMUTH

FILENAME: LTW10-915_Yaw
FREQ: 1700.00 MHz
POLARIZATION: Vertical

DATE: 06/05/2023

EL = 0 Degrees

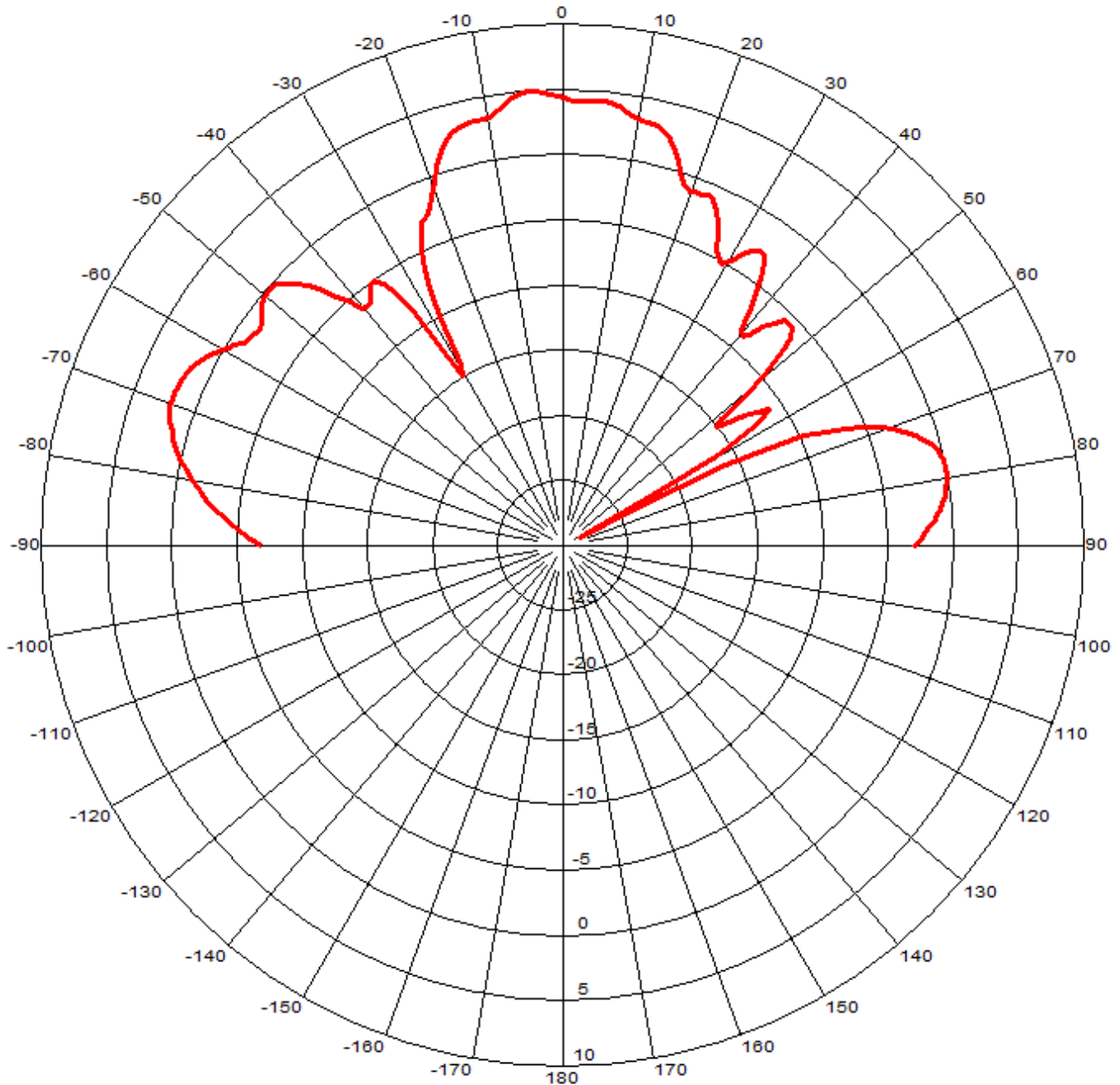


PN LTW10-915 (SN 0015)
MAGNITUDE dBi Vs AZIMUTH

FILENAME: LTW10-915_Pitch
FREQ: 2700.00 MHz
POLARIZATION: Vertical

DATE: 06/05/2023

AZ = 0 Degrees

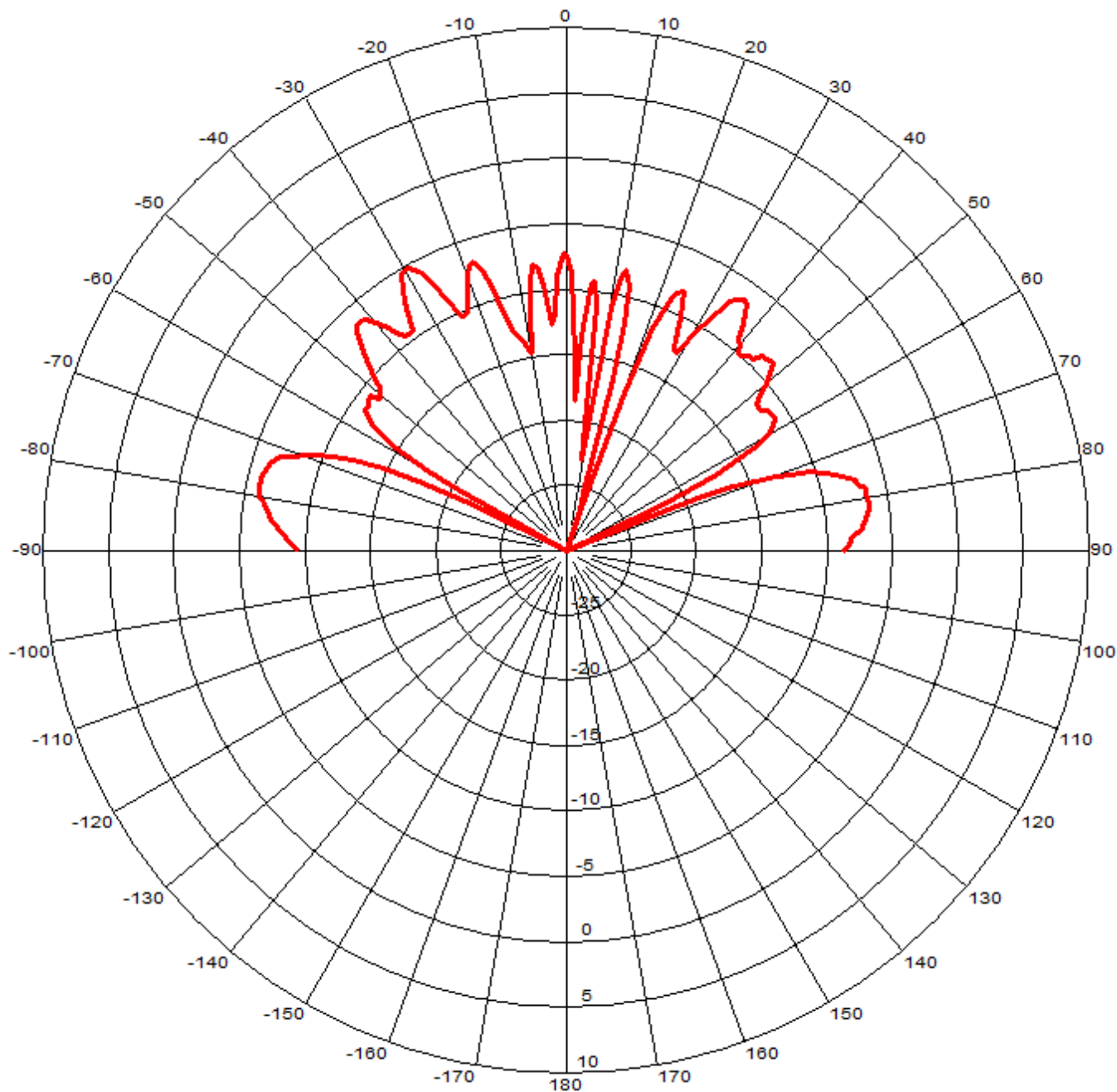


PN LTW10-915 (SN 0015)
MAGNITUDE dBi Vs AZIMUTH

FILENAME: LTW10-915_Roll
FREQ: 2700.00 MHz
POLARIZATION: Vertical

DATE: 06/05/2023

AZ = 90 Degrees

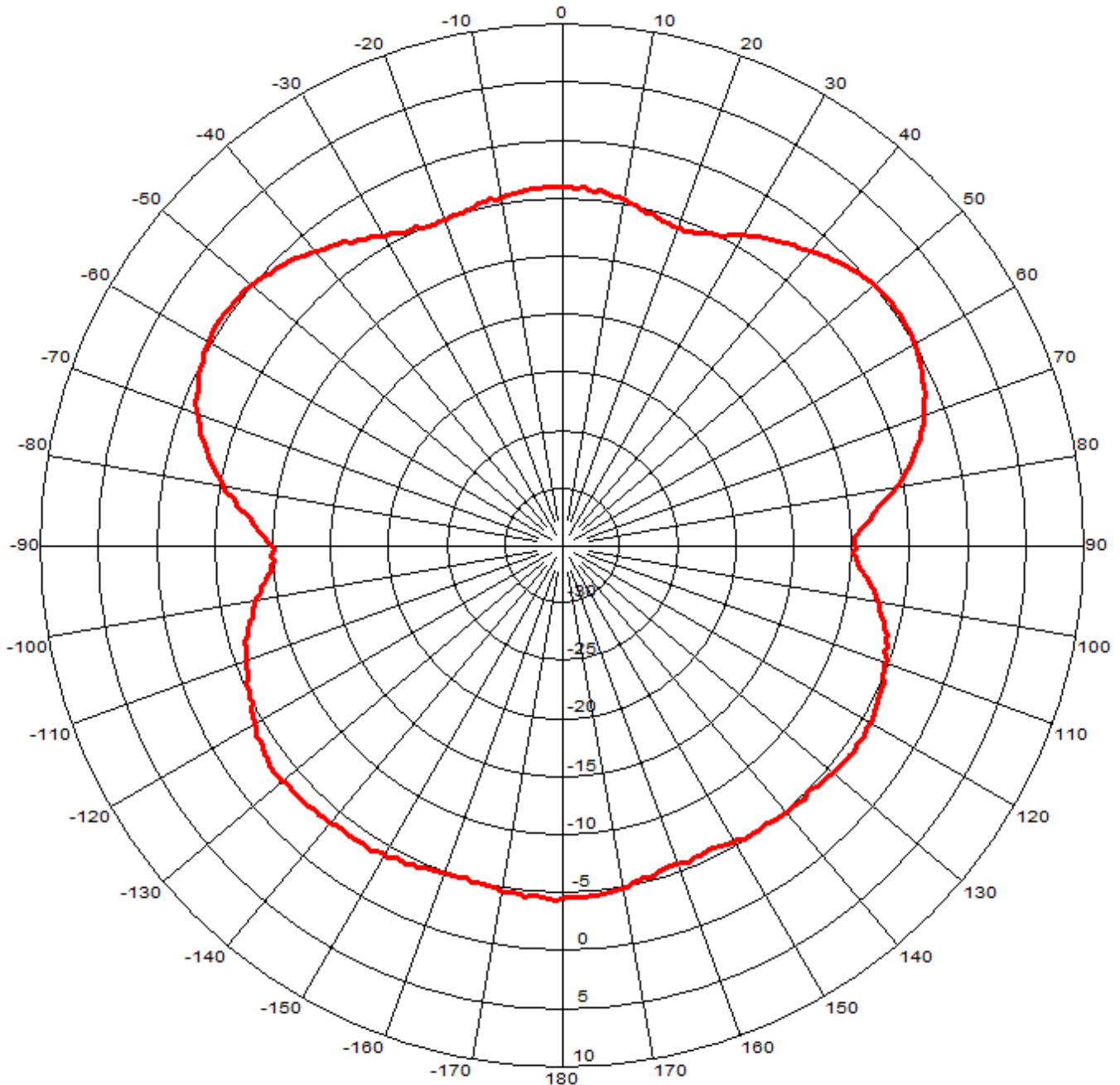


PN LTW10-915 (SN 0015)
MAGNITUDE dBi Vs AZIMUTH

FILENAME: LTW10-915_Yaw
FREQ: 2700.00 MHz
POLARIZATION: Vertical

DATE: 06/05/2023

EL = 0 Degrees



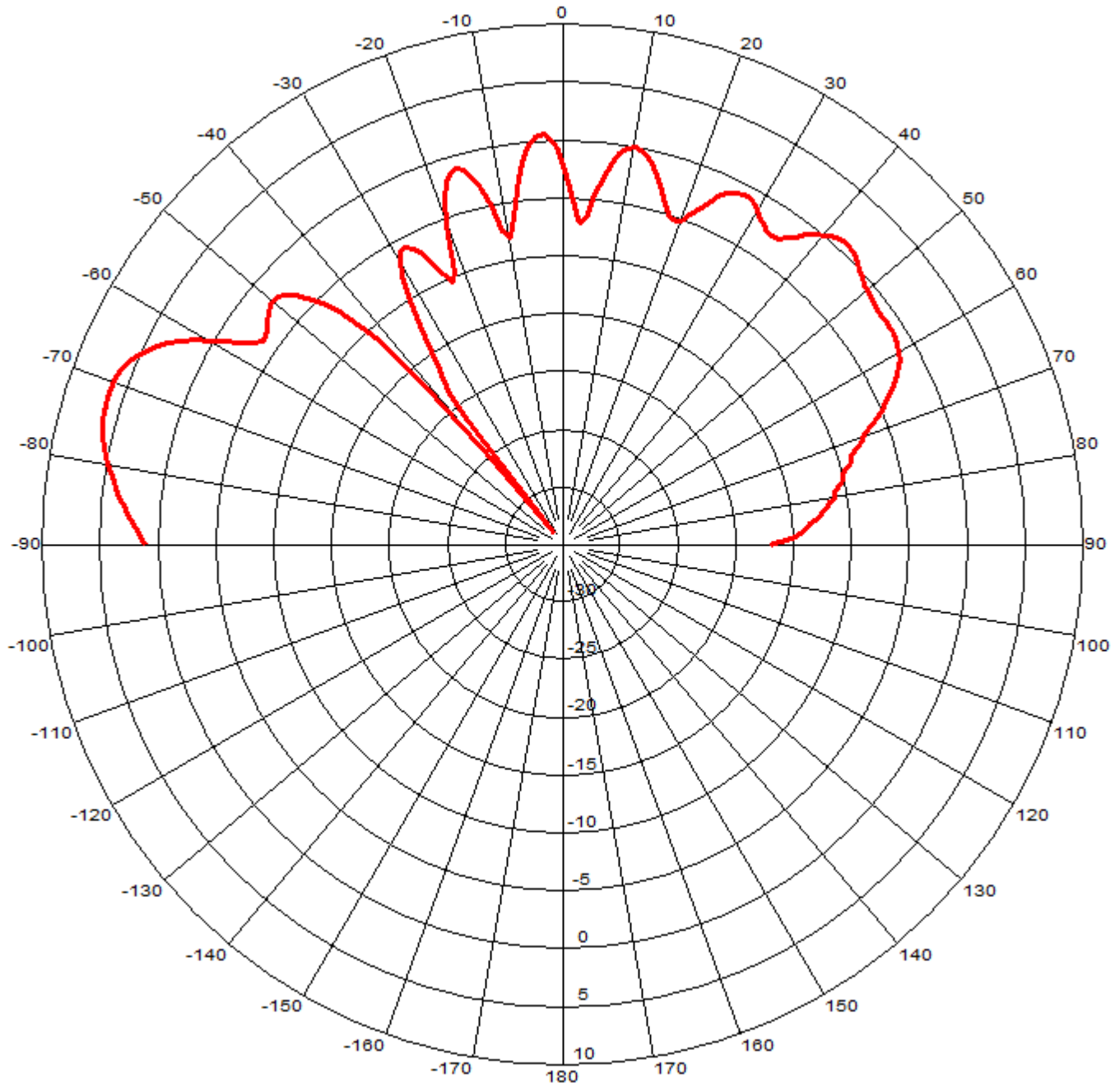
WiFi PORT DATA

PN LTW10-915 (SN 0015)
MAGNITUDE dBi Vs AZIMUTH

FILENAME: LTW10-915_Pitch
FREQ: 2400.00 MHz
POLARIZATION: Vertical

DATE: 06/05/2023

AZ = 0 Degrees

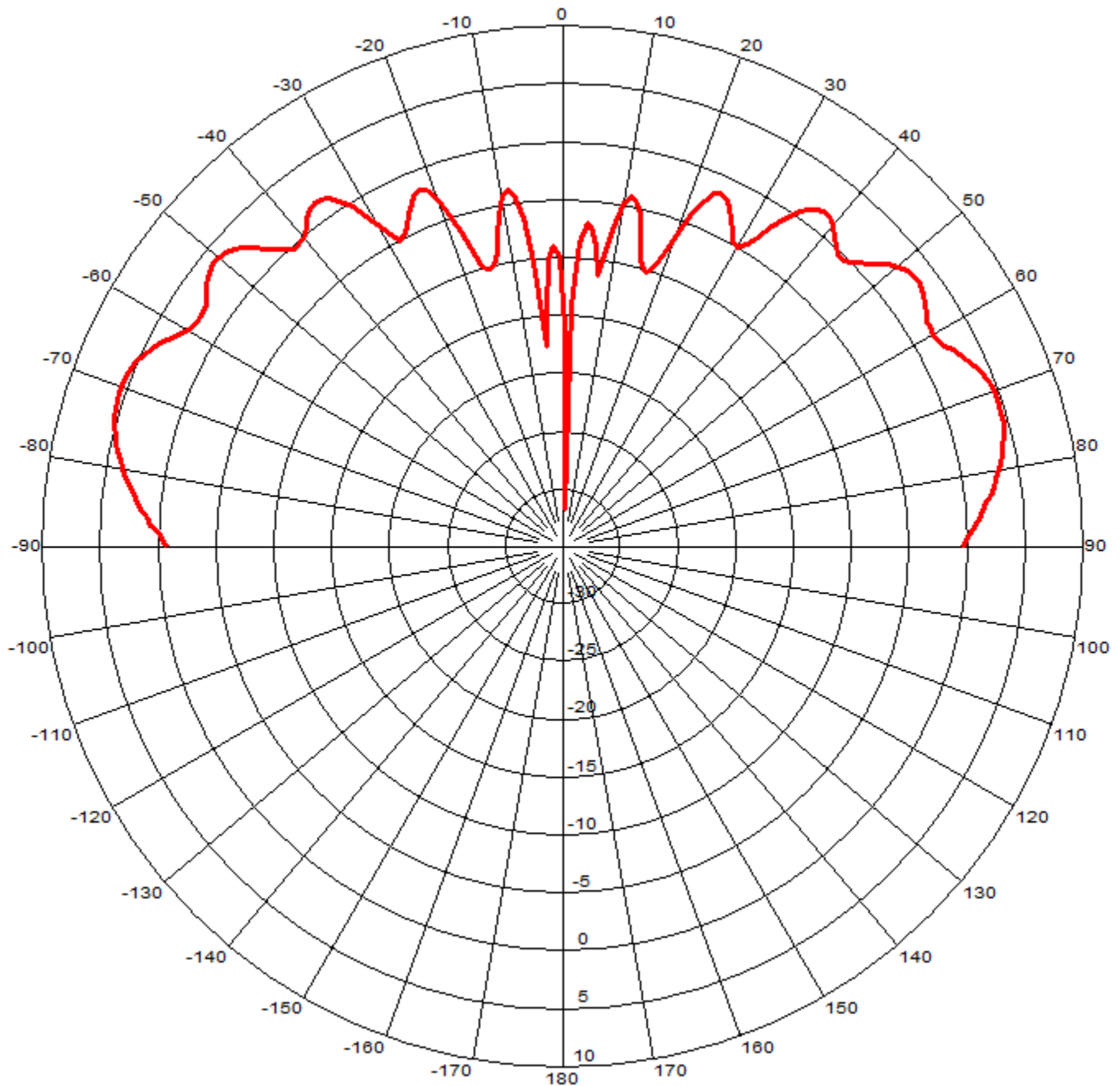


PN LTW10-915 (SN 0015)
MAGNITUDE dBi Vs AZIMUTH

FILENAME: LTW10-915_Roll
FREQ: 2400.00 MHz
POLARIZATION: Vertical

DATE: 06/05/2023

AZ = 90 Degrees

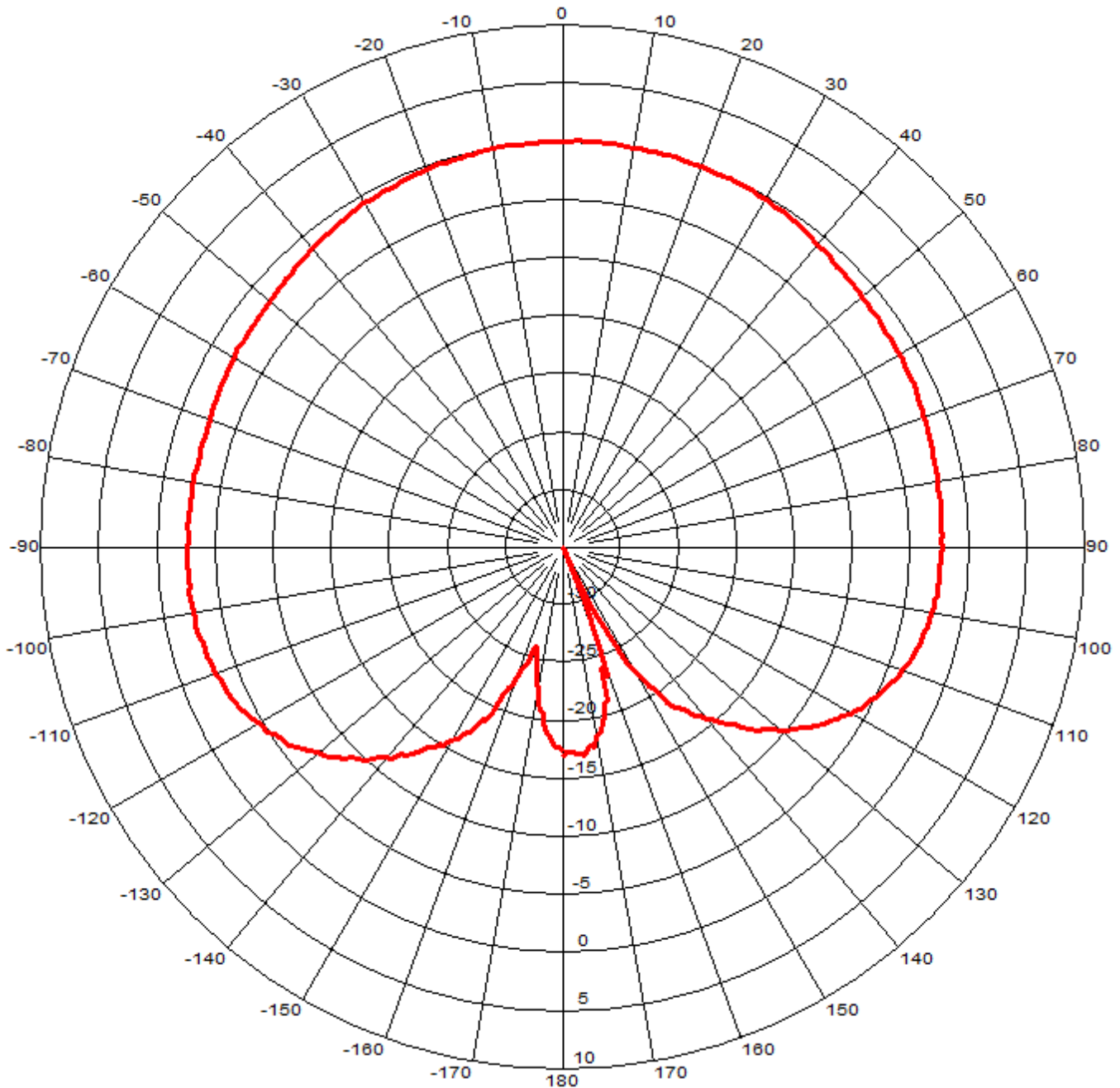


PN LTW10-915 (SN 0015)
MAGNITUDE dBi Vs AZIMUTH

FILENAME: LTW10-915_Yaw
FREQ: 2400.00 MHz
POLARIZATION: Vertical

DATE: 06/05/2023

EL = 0 Degrees

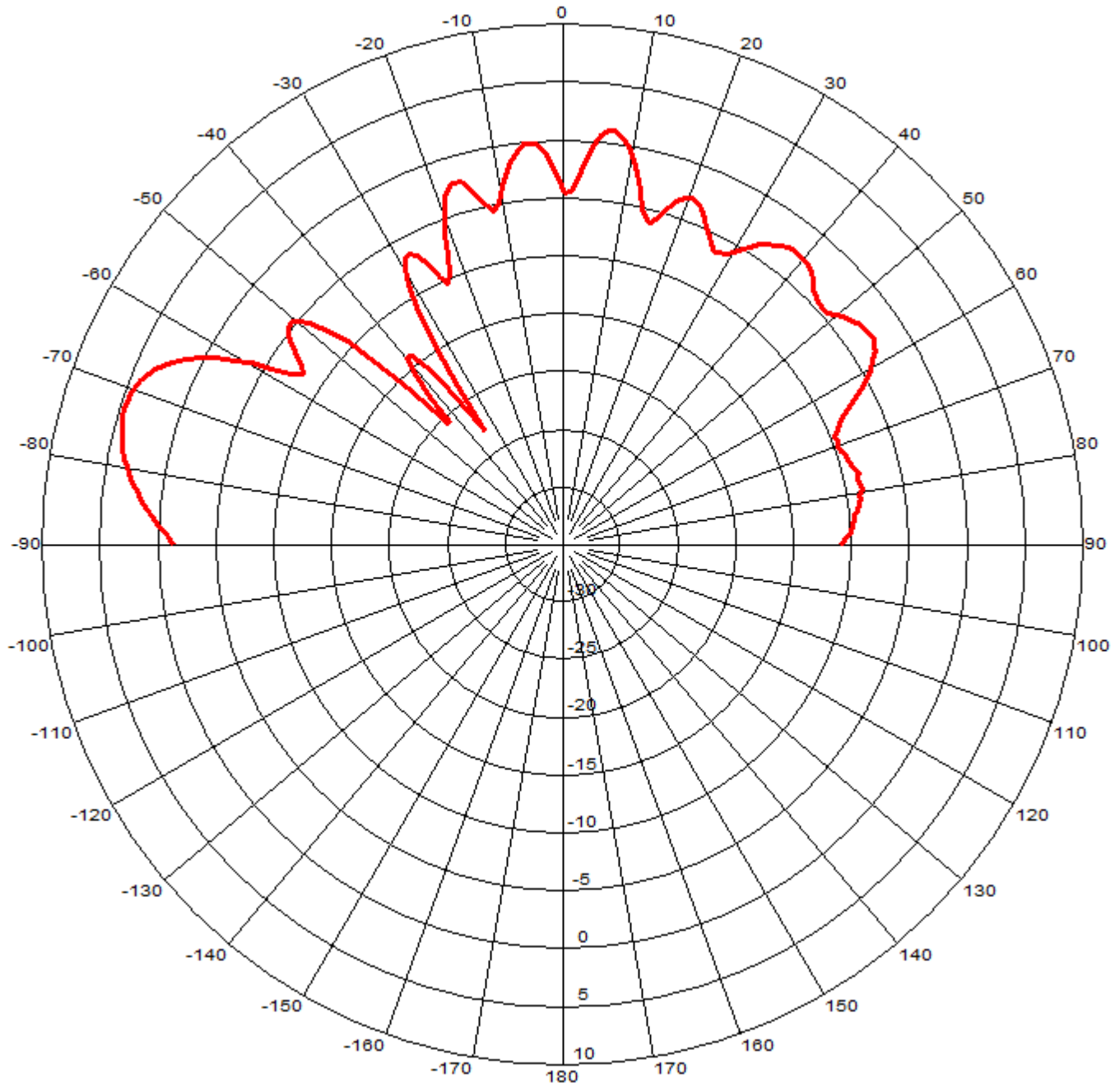


PN LTW10-915 (SN 0015)
MAGNITUDE dBi Vs AZIMUTH

FILENAME: LTW10-915_Pitch
FREQ: 2500.00 MHz
POLARIZATION: Vertical

DATE: 06/05/2023

AZ = 0 Degrees

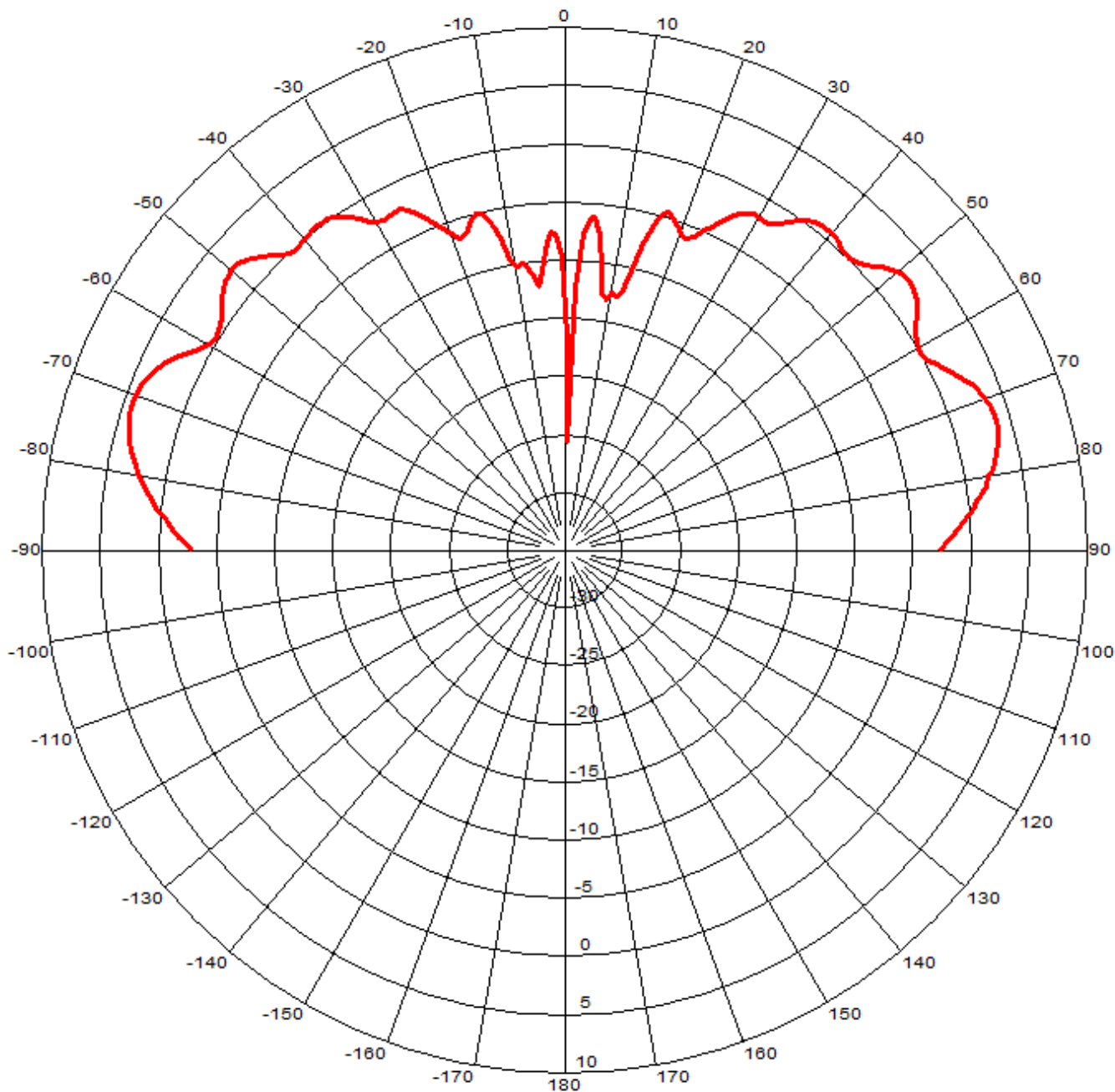


PN LTW10-915 (SN 0015)
MAGNITUDE dBi Vs AZIMUTH

FILENAME: LTW10-915_Roll
FREQ: 2500.00 MHz
POLARIZATION: Vertical

DATE: 06/05/2023

AZ = 90 Degrees

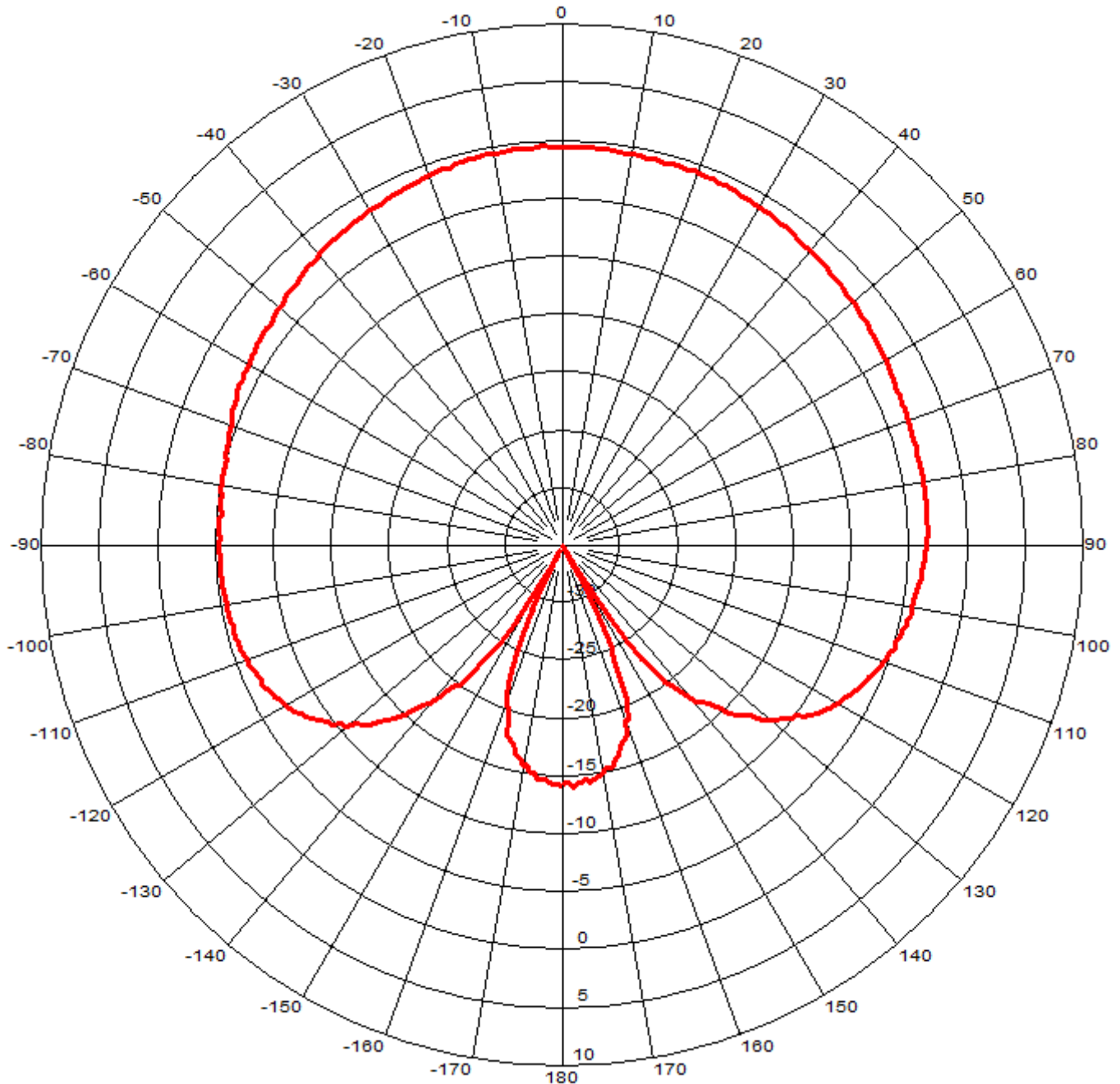


PN LTW10-915 (SN 0015)
MAGNITUDE dBi Vs AZIMUTH

FILENAME: LTW10-915_Yaw
FREQ: 2500.00 MHz
POLARIZATION: Vertical

DATE: 06/05/2023

EL = 0 Degrees

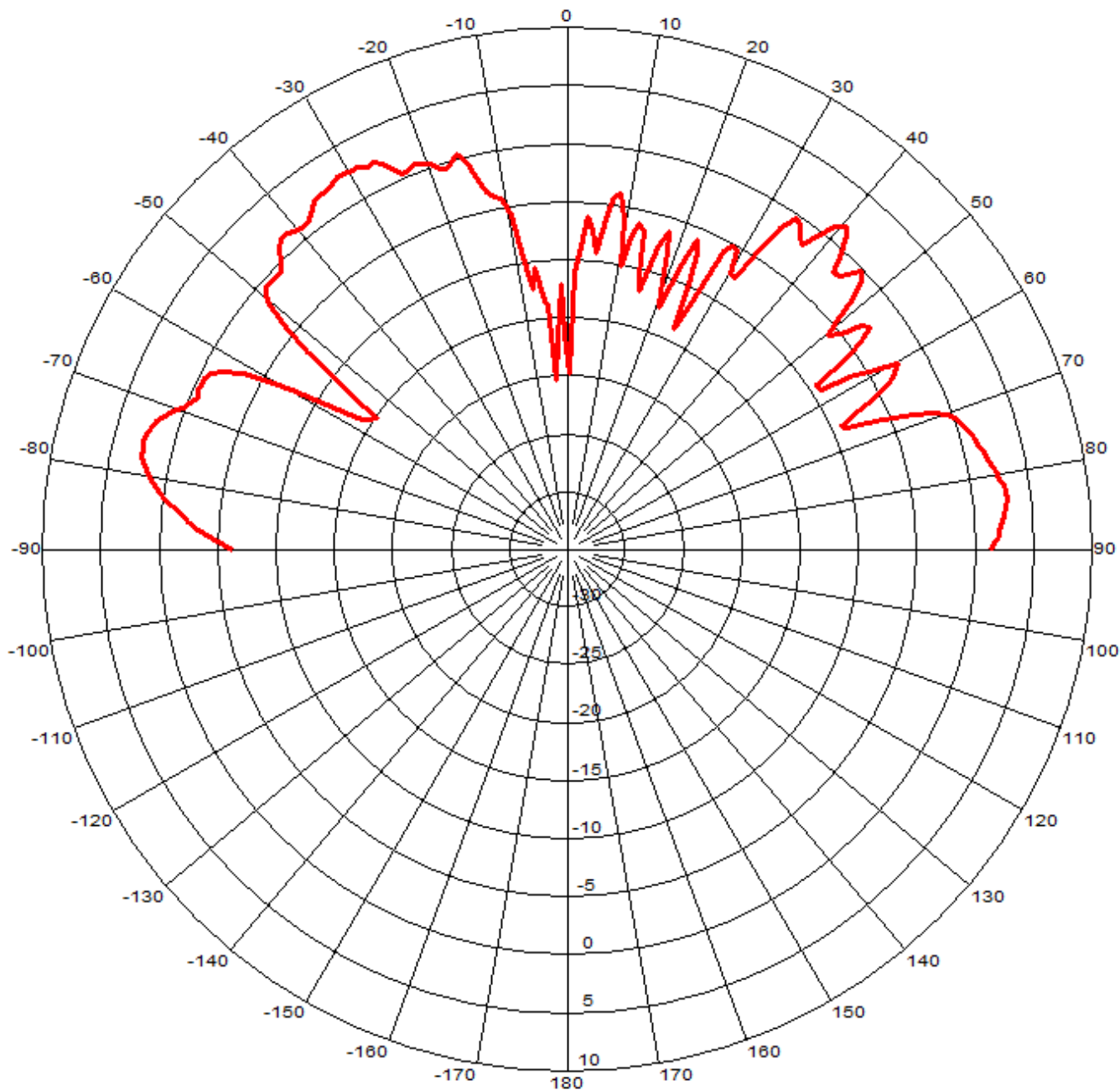


PN LTW10-915 (SN 0015)
MAGNITUDE dBi Vs AZIMUTH

FILENAME: LTW10-915_Pitch
FREQ: 5500.00 MHz
POLARIZATION: Vertical

DATE: 06/05/2023

AZ = 0 Degrees

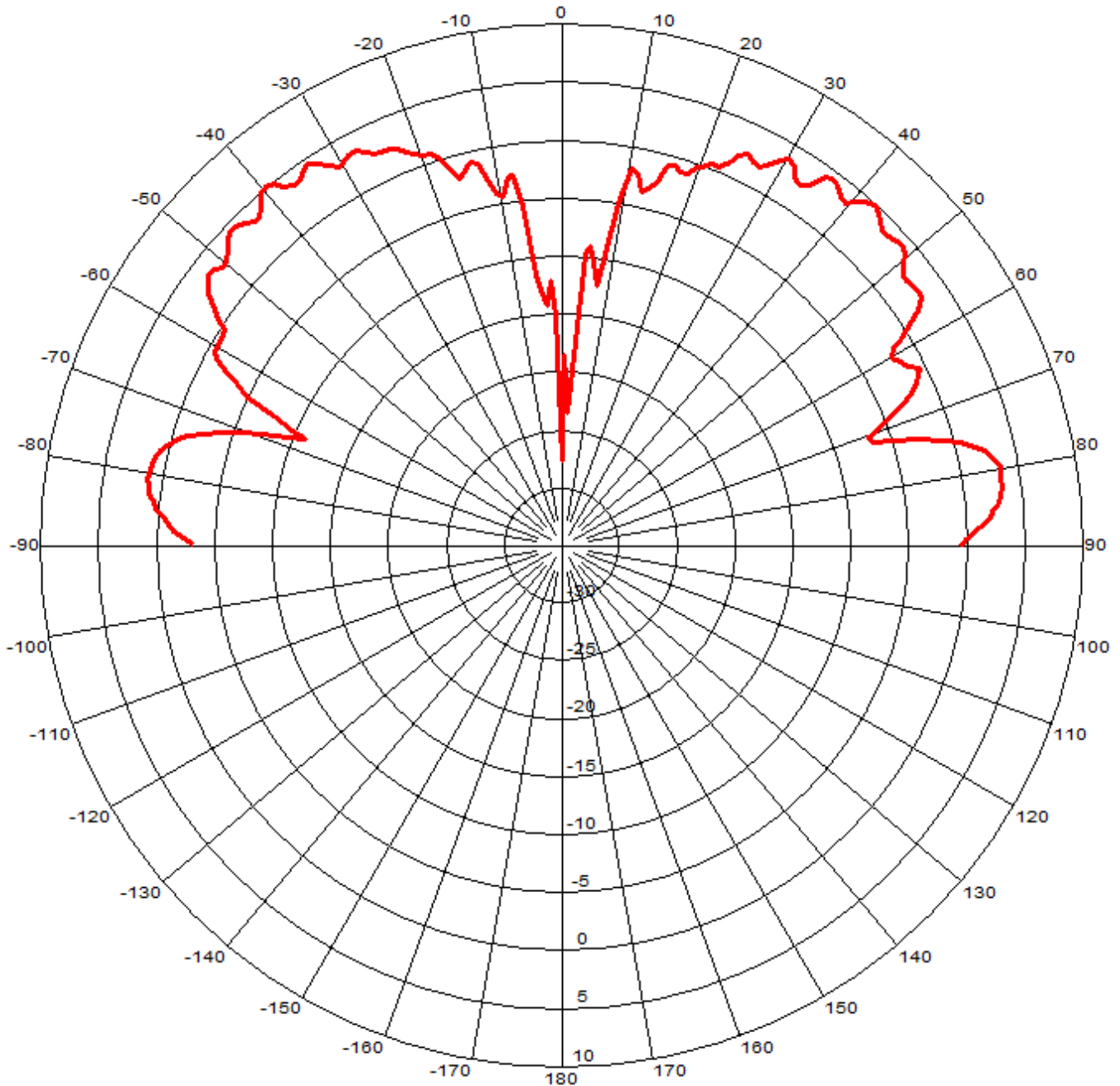


PN LTW10-915 (SN 0015)
MAGNITUDE dBi Vs AZIMUTH

FILENAME: LTW10-915_Roll
FREQ: 5500.00 MHz
POLARIZATION: Vertical

DATE: 06/05/2023

AZ = 90 Degrees



PN LTW10-915 (SN 0015)
MAGNITUDE dBi Vs AZIMUTH

FILENAME: LTW10-915_Yaw
FREQ: 5500.00 MHz
POLARIZATION: Vertical

DATE: 06/05/2023

EL = 0 Degrees

