



Antenna Report

Model Name :	2QBB100	Date:	2022 / 11 /23
Project Manager:	Caesar Kao	Author	Alvin_yu

Countersign:

Alvin_yu / CY Lin



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Antenna Vende/PN

Antenna Vender:	AWAN
AWAN Address:	Rm. B2-F, No. 207-1, Sec. 3, Beixin Rd., Xindian Dist., New Taipei City 231 , Taiwan (R.O.C.)
AWAN P/N :	Ant0: ABF5N-100001 Ant1 ABF5N-100002 Ant2 ABF5N-100003
Antenna type:	Ant0: Dipole Ant1 :Dipole Ant2 :PIFA

Antenna Test Results

1. Passive Gains

- Ant0

Freq. (MHz)	2412	2442	2472
Peak Gain (dBi)	0.41	-0.37	-1.33
Freq. (MHz)	5180	5500	5805
Peak Gain (dBi)	2.56	2.83	2.68
Freq. (MHz)	5955	6455	7015
Peak Gain (dBi)	2.18	-0.41	-0.47

- Ant1

Freq. (MHz)	2412	2442	2472
Peak Gain (dBi)	-1.57	1.65	0.47
Freq. (MHz)	5180	5500	5805
Peak Gain (dBi)	2.08	-0.48	-0.36
Freq. (MHz)	5955	6455	7015
Peak Gain (dBi)	1.50	1.32	1.97

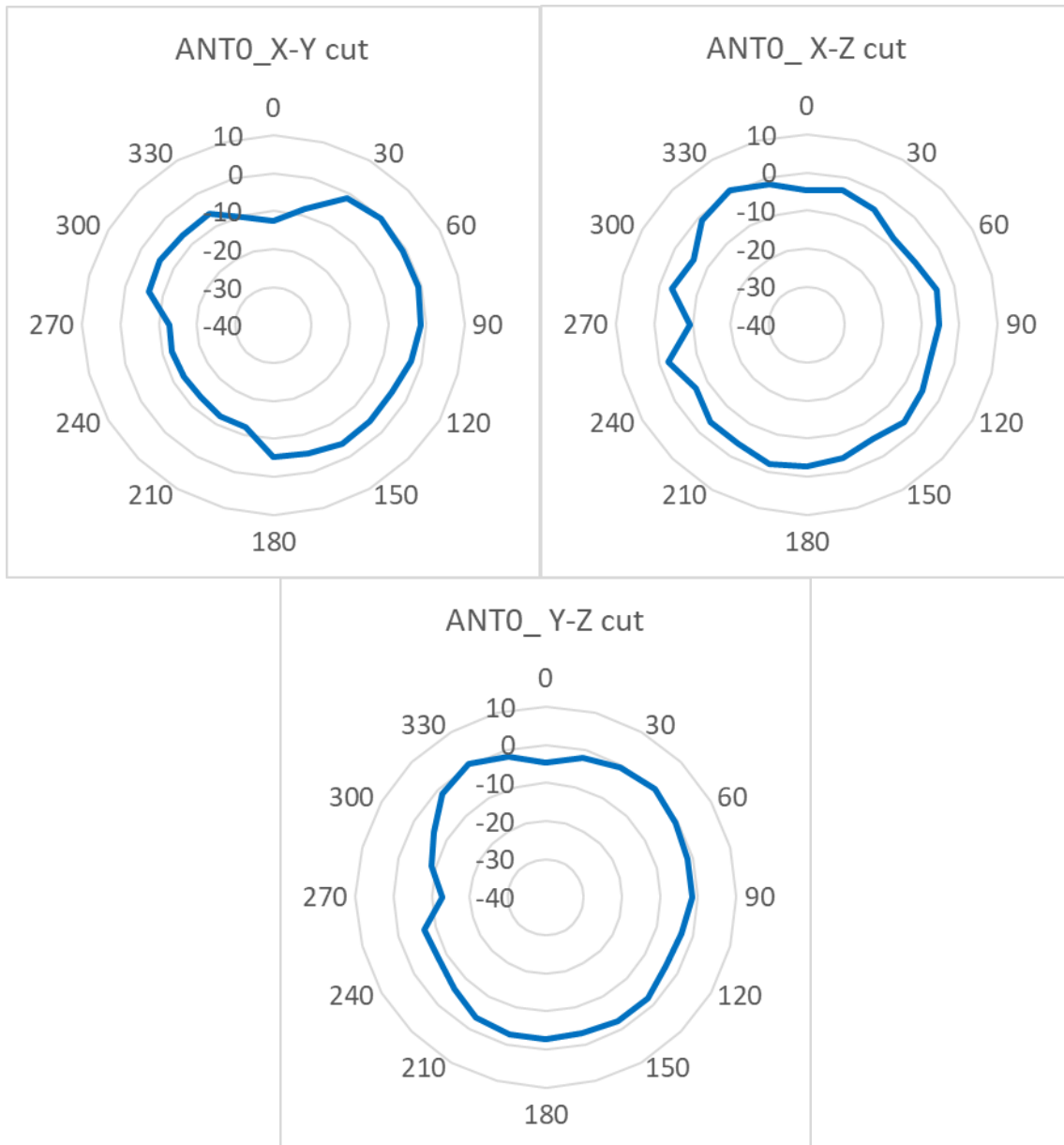
- Ant2

Freq. (MHz)	2400	2450	2480
Peak Gain (dBi)	0.86	-0.07	-1.0

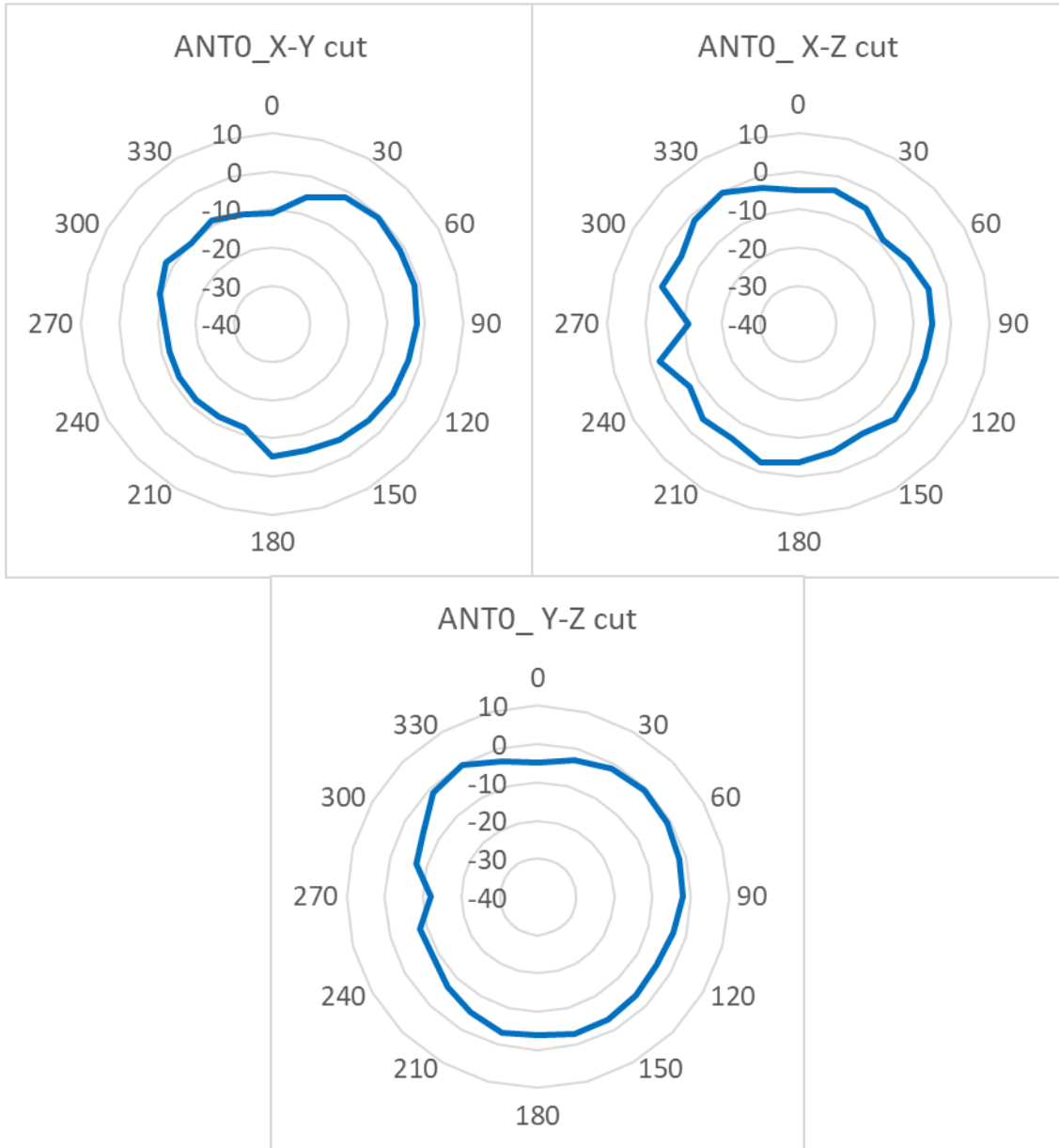
2. 2D Antenna Pattern

- Ant0

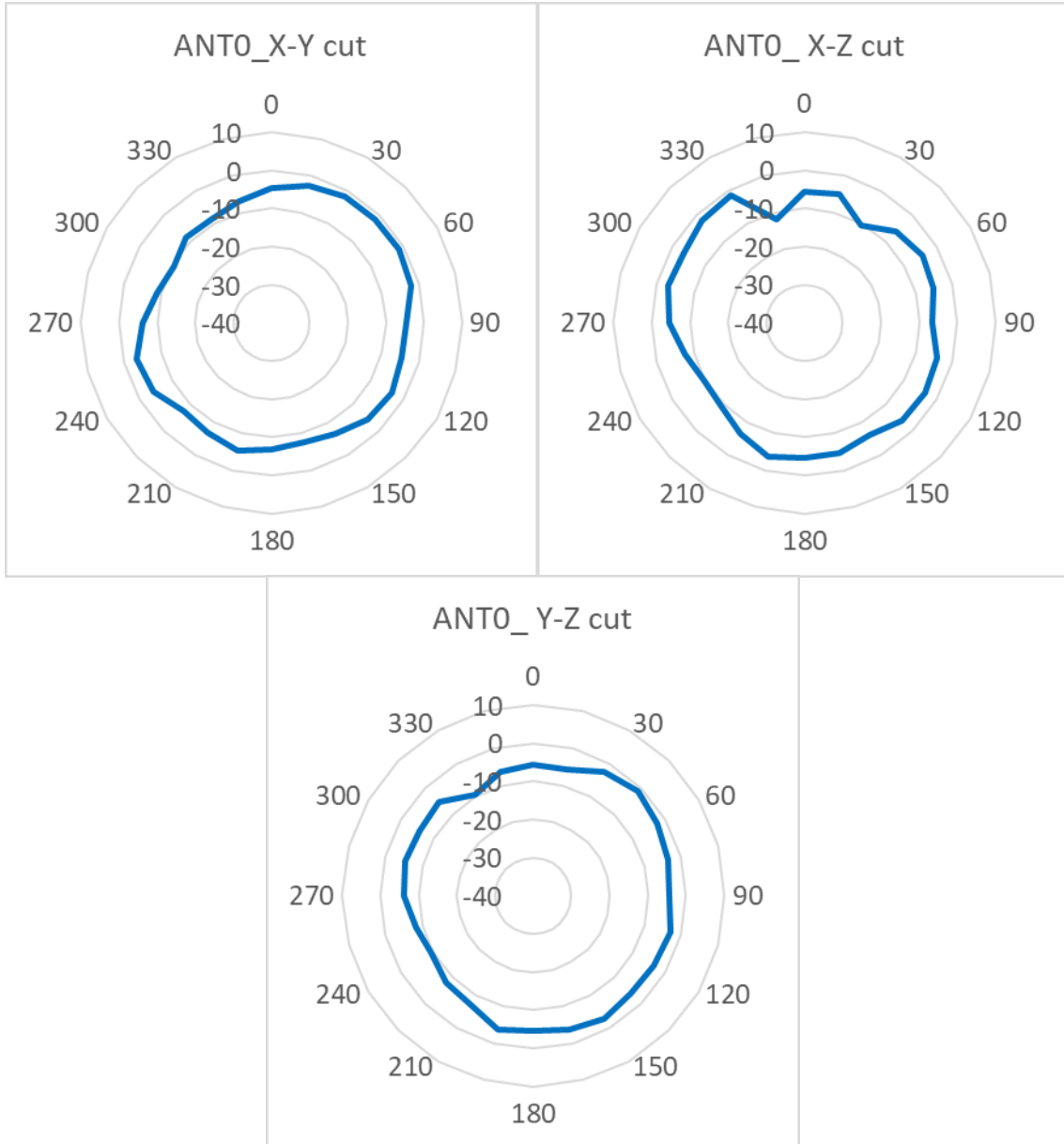
2412 MHz



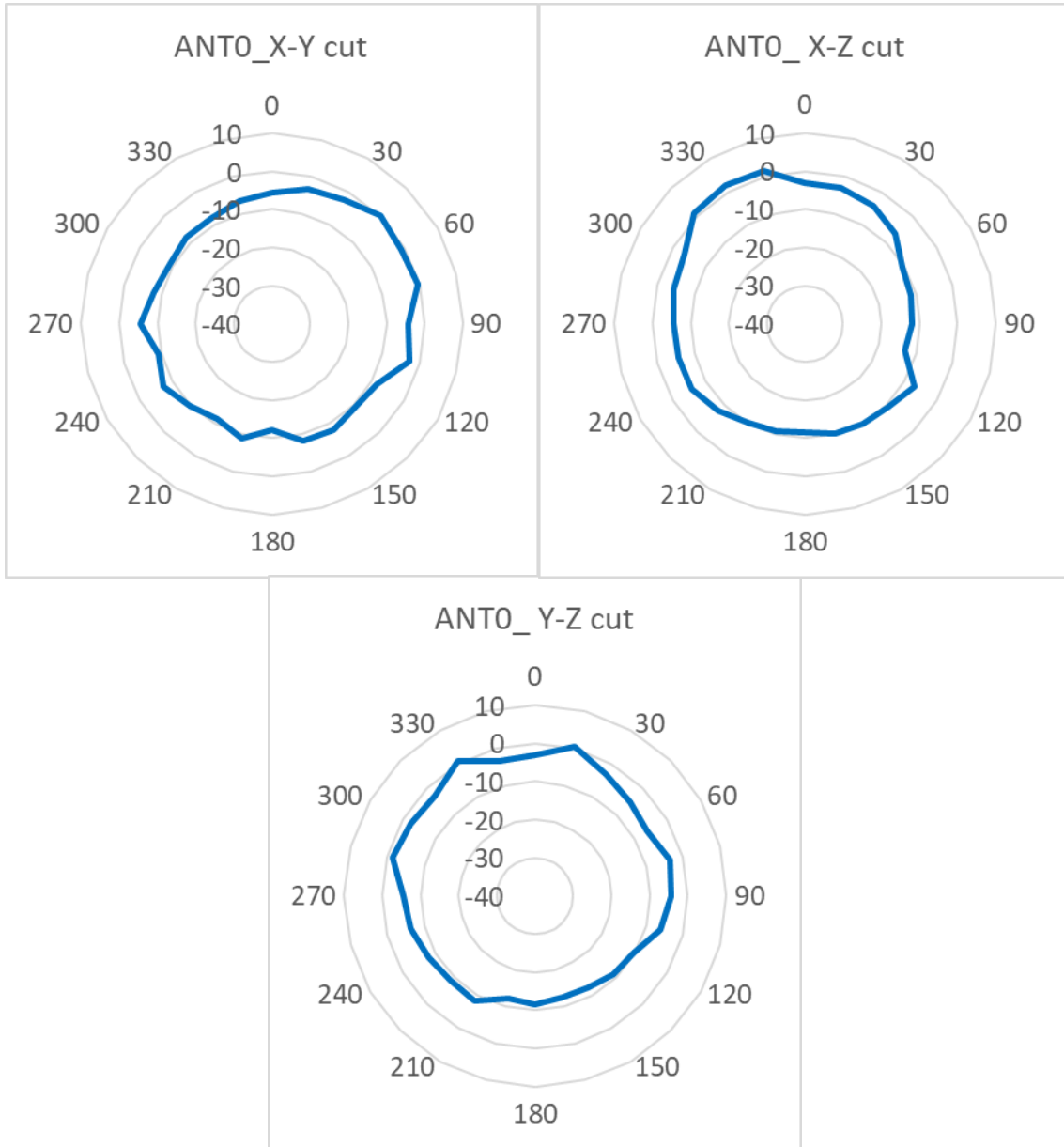
2442 MHz



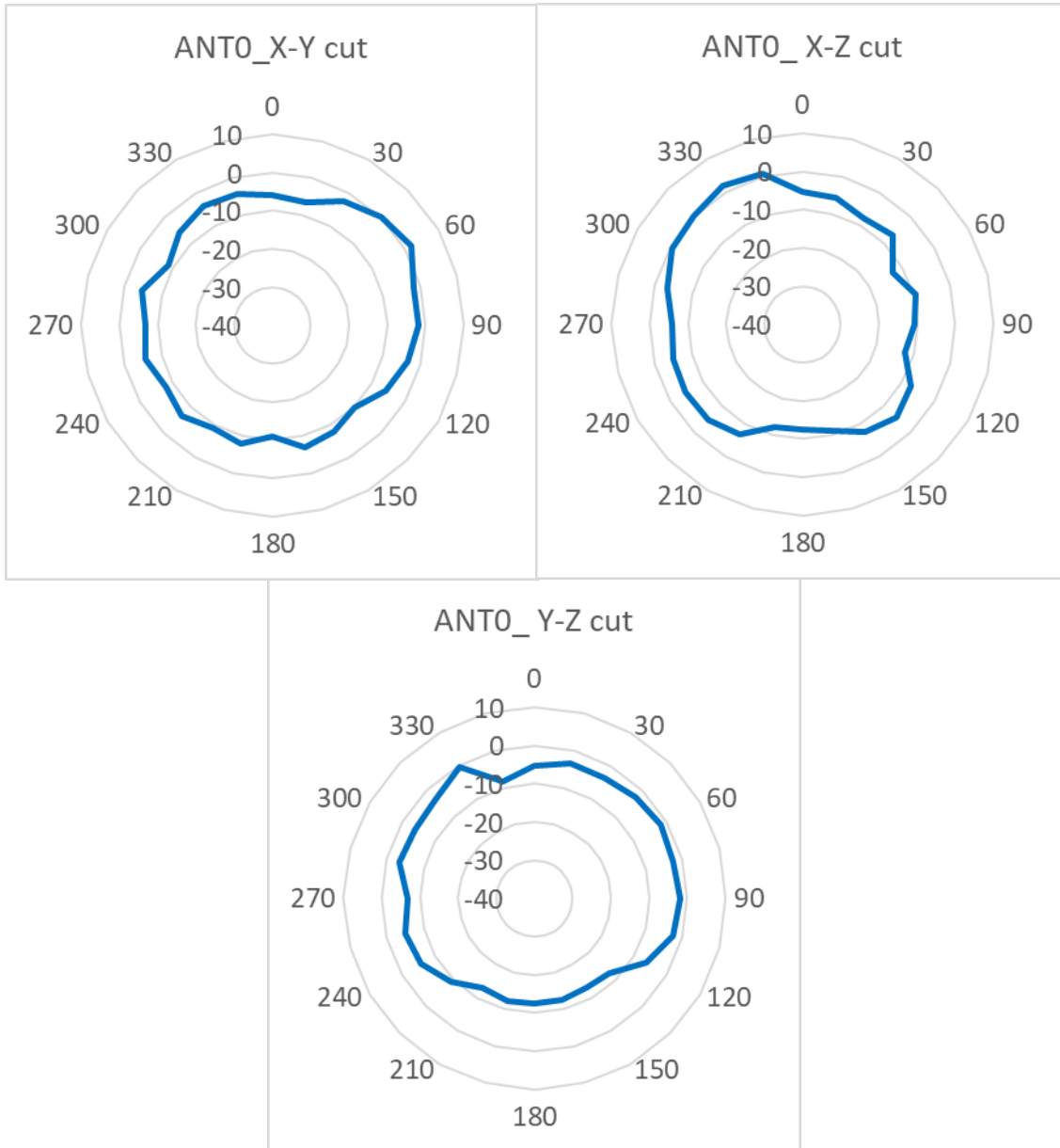
2472 MHz



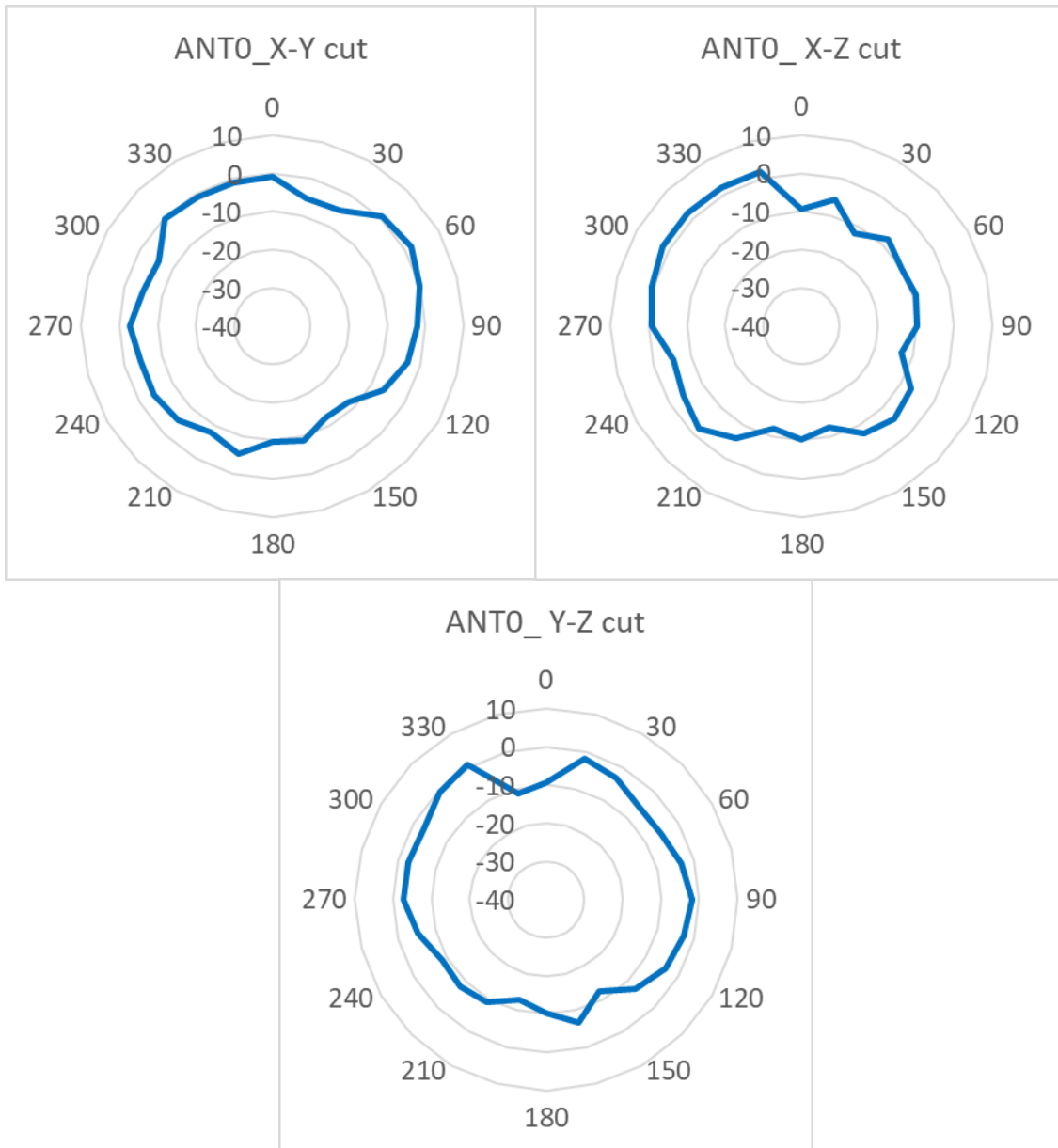
5180 MHz



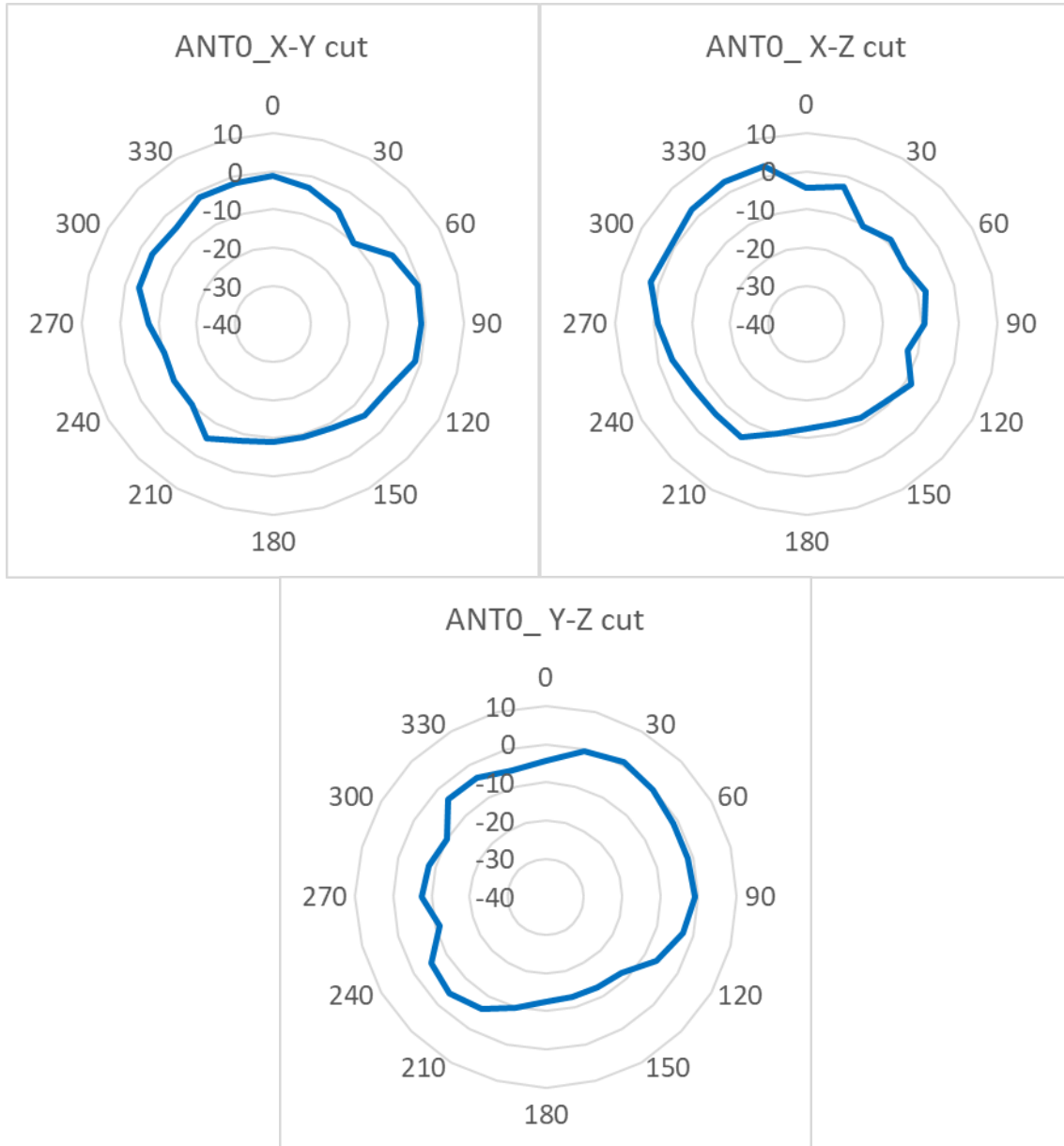
5500 MHz



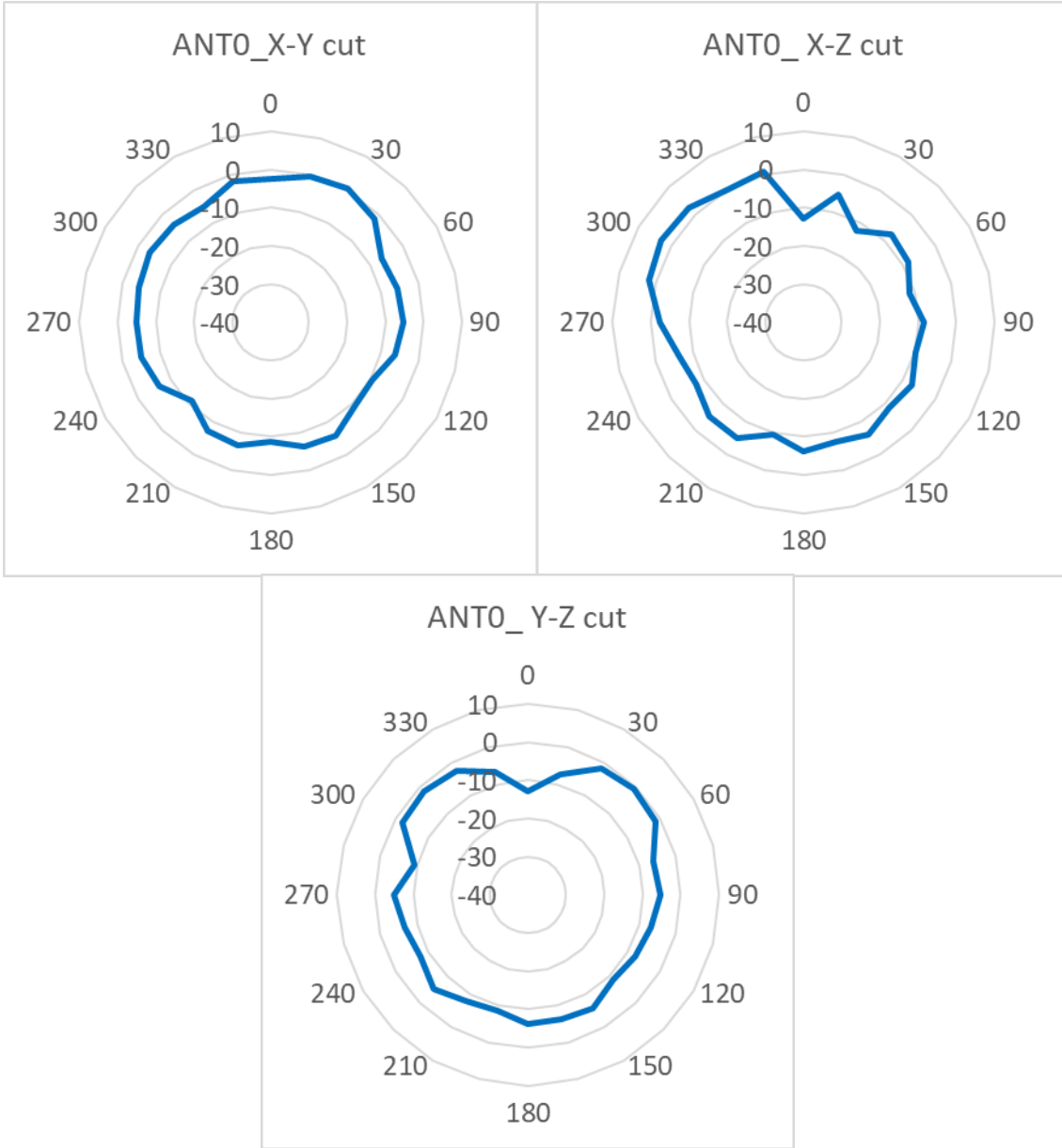
5805 MHz



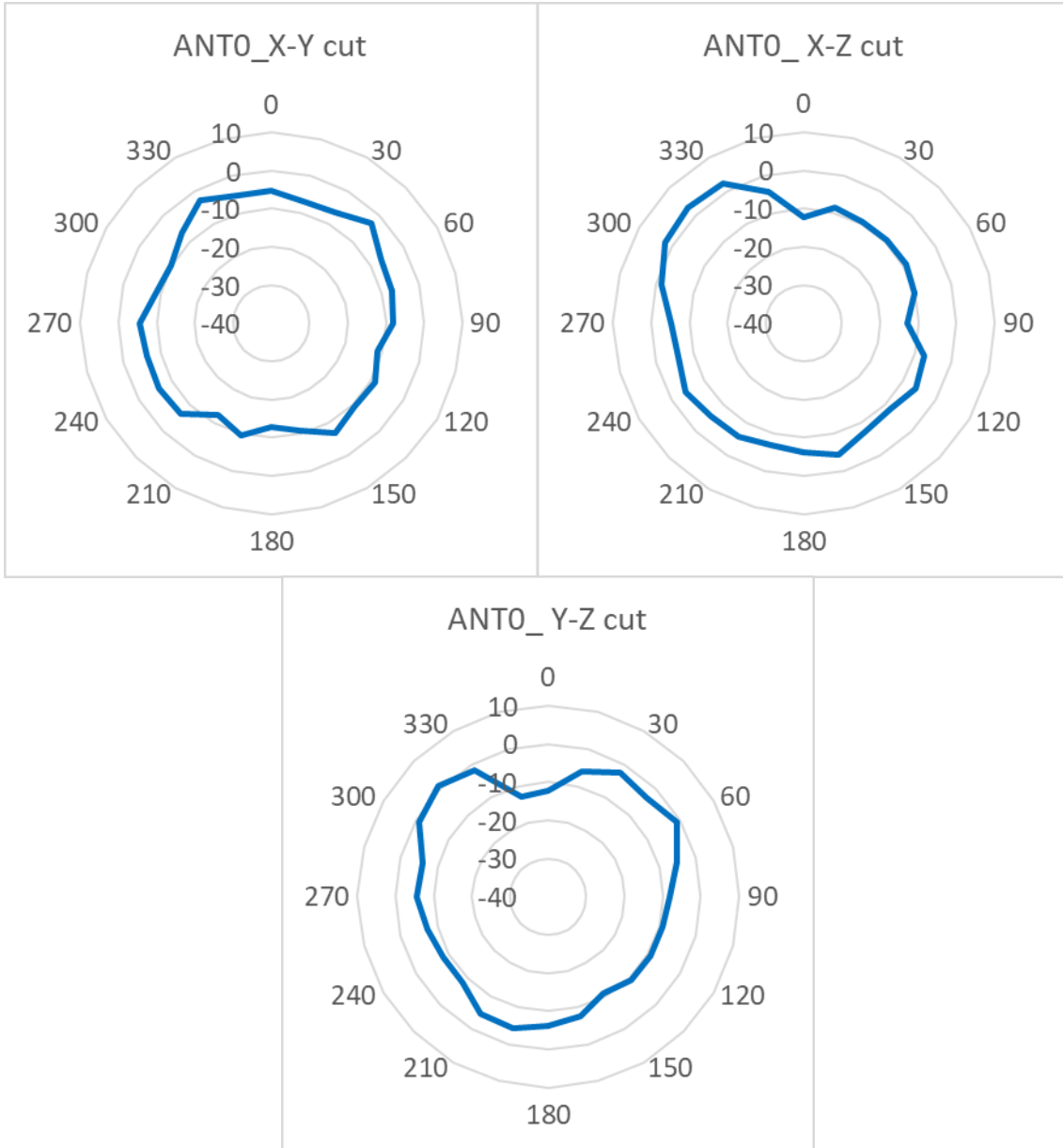
- 5955 MHz



- 6455 MHz

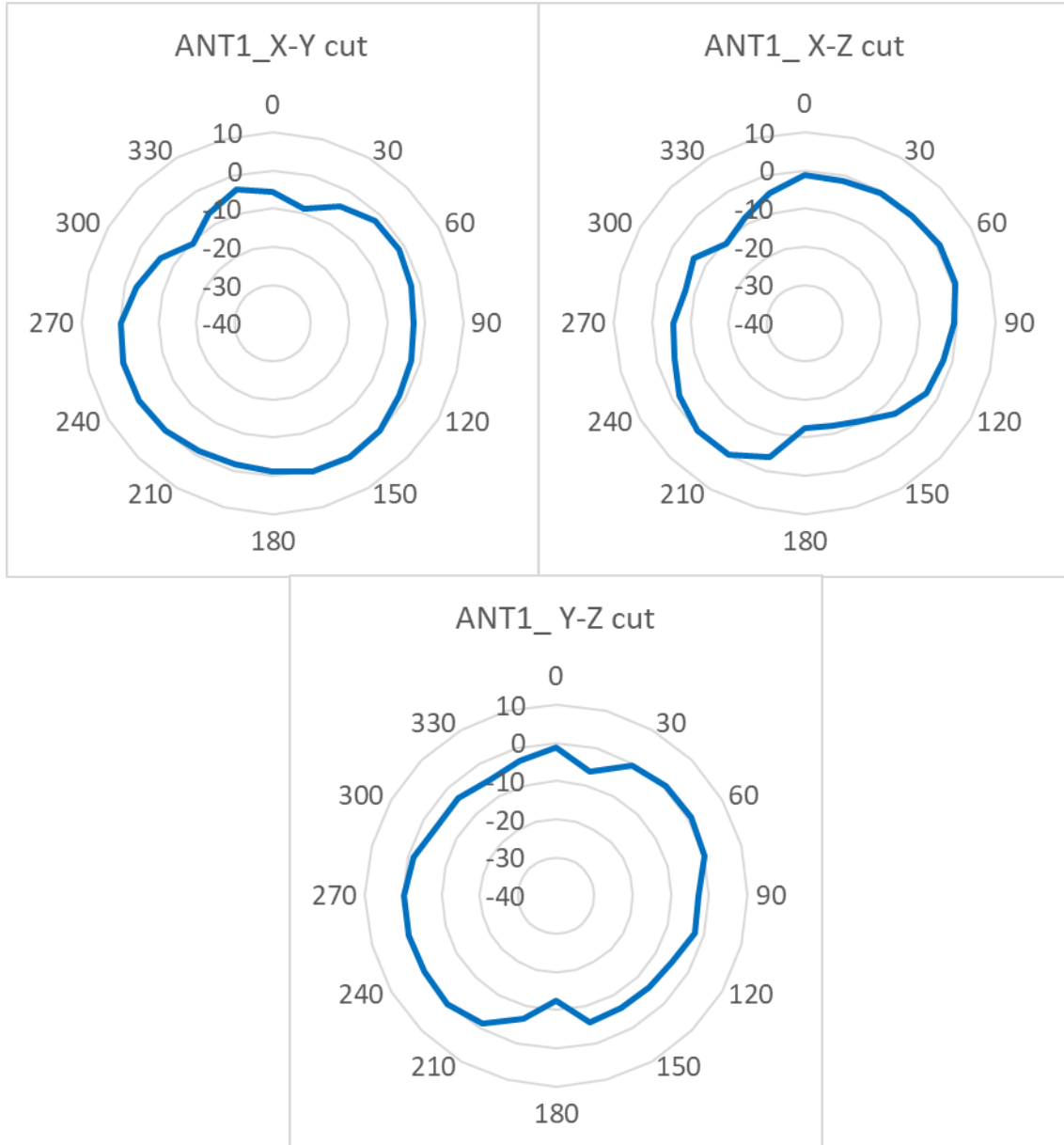


- 7015 MHz

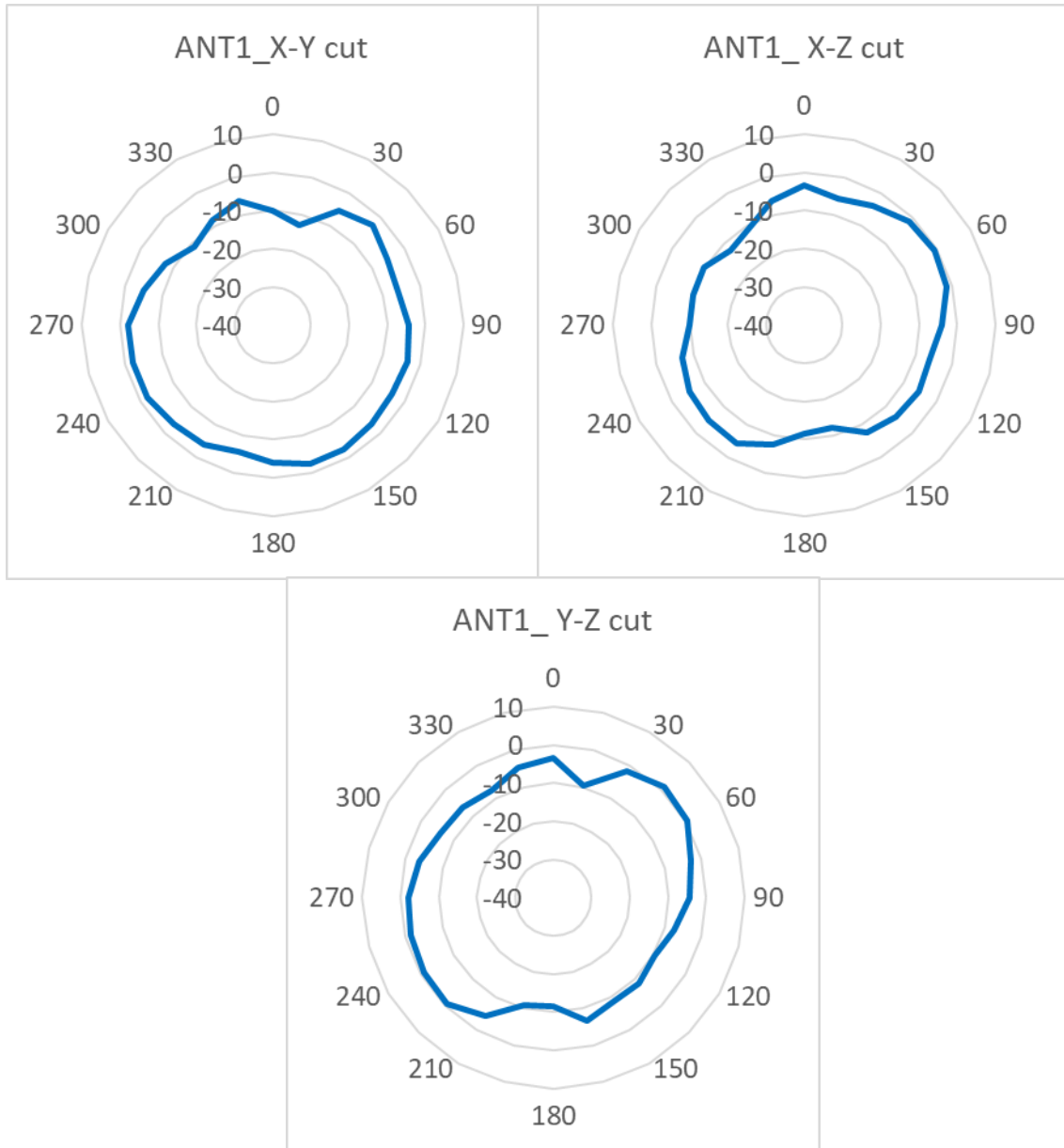


- Ant1

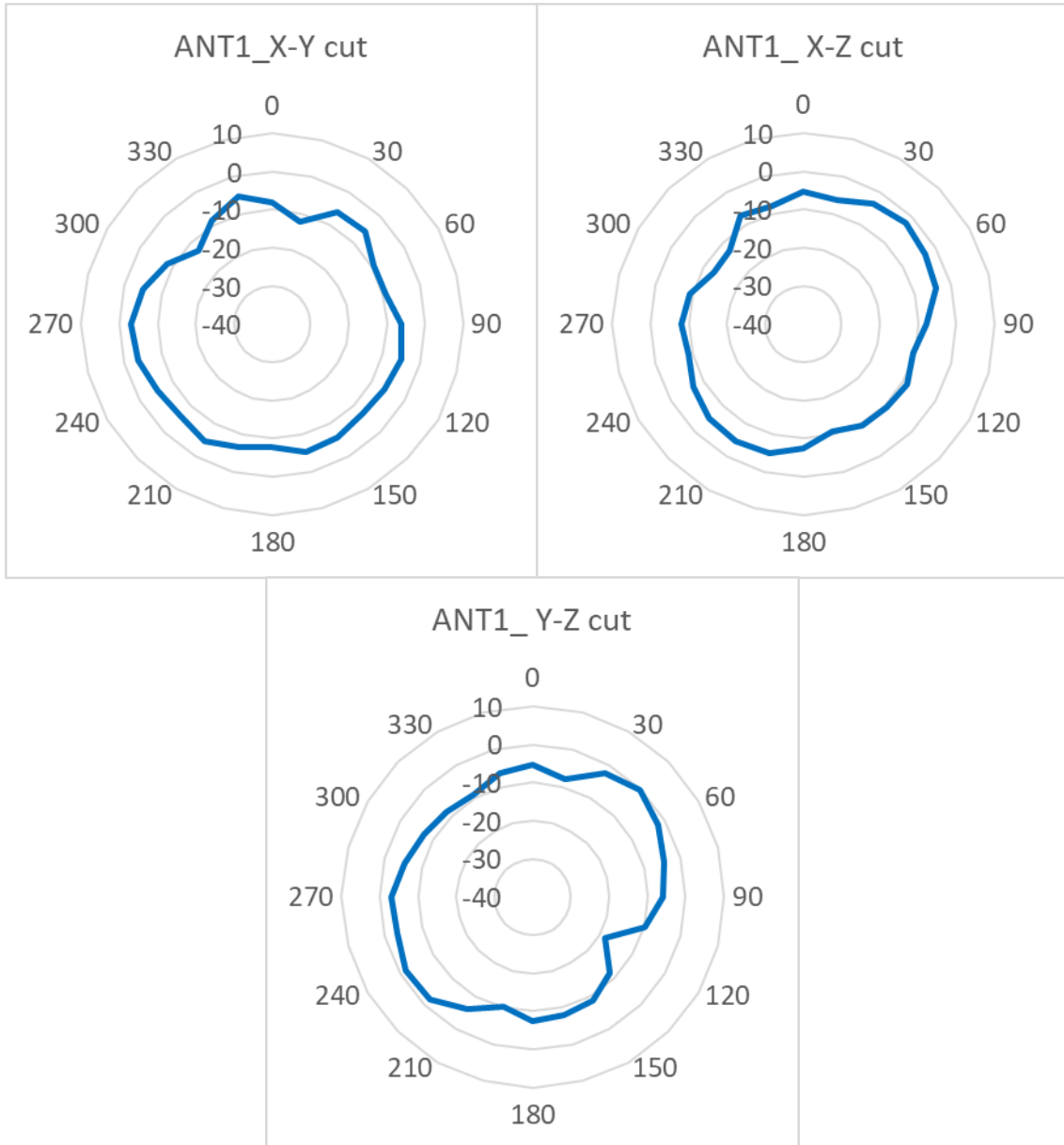
2412 MHz



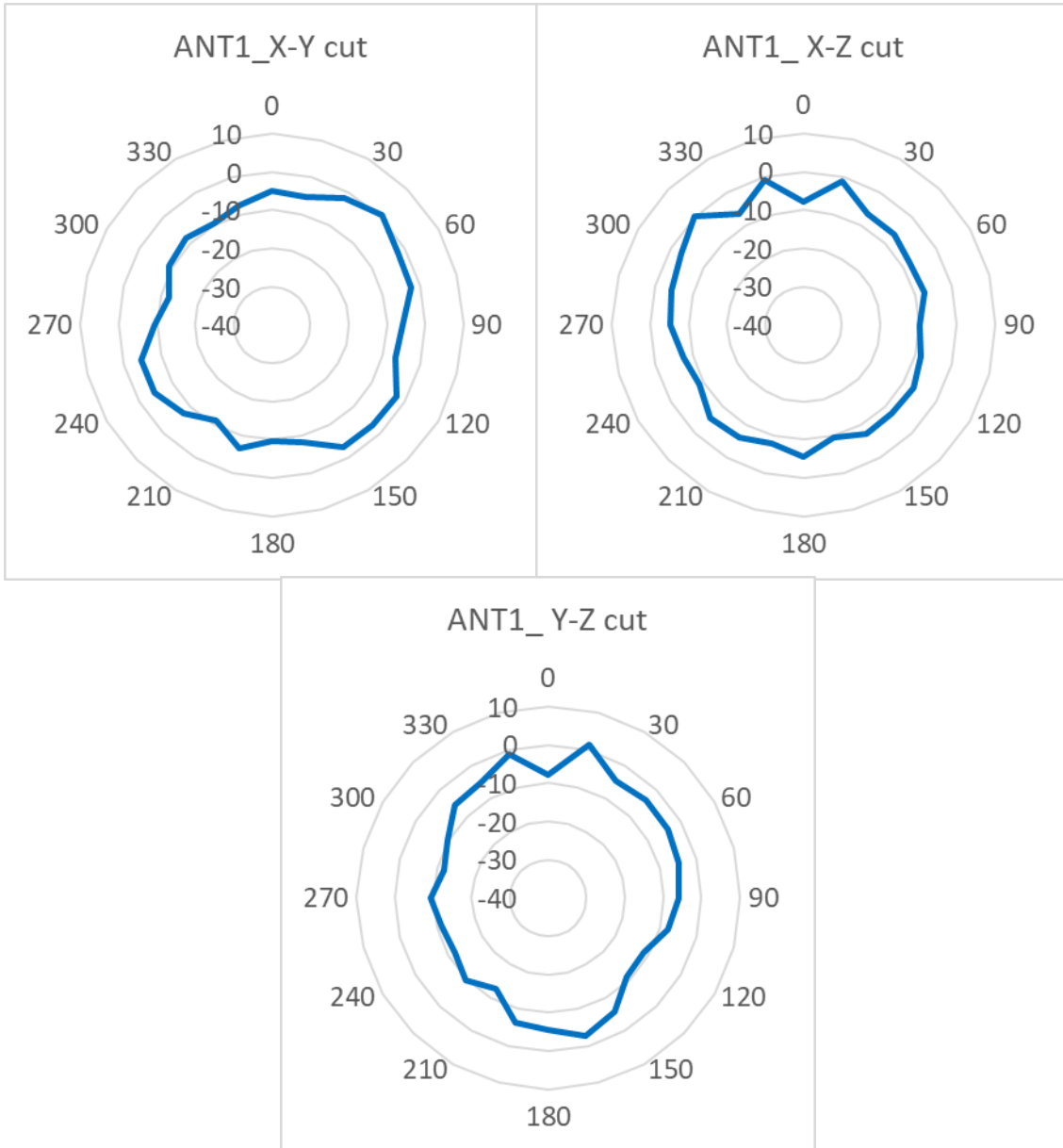
2442 MHz



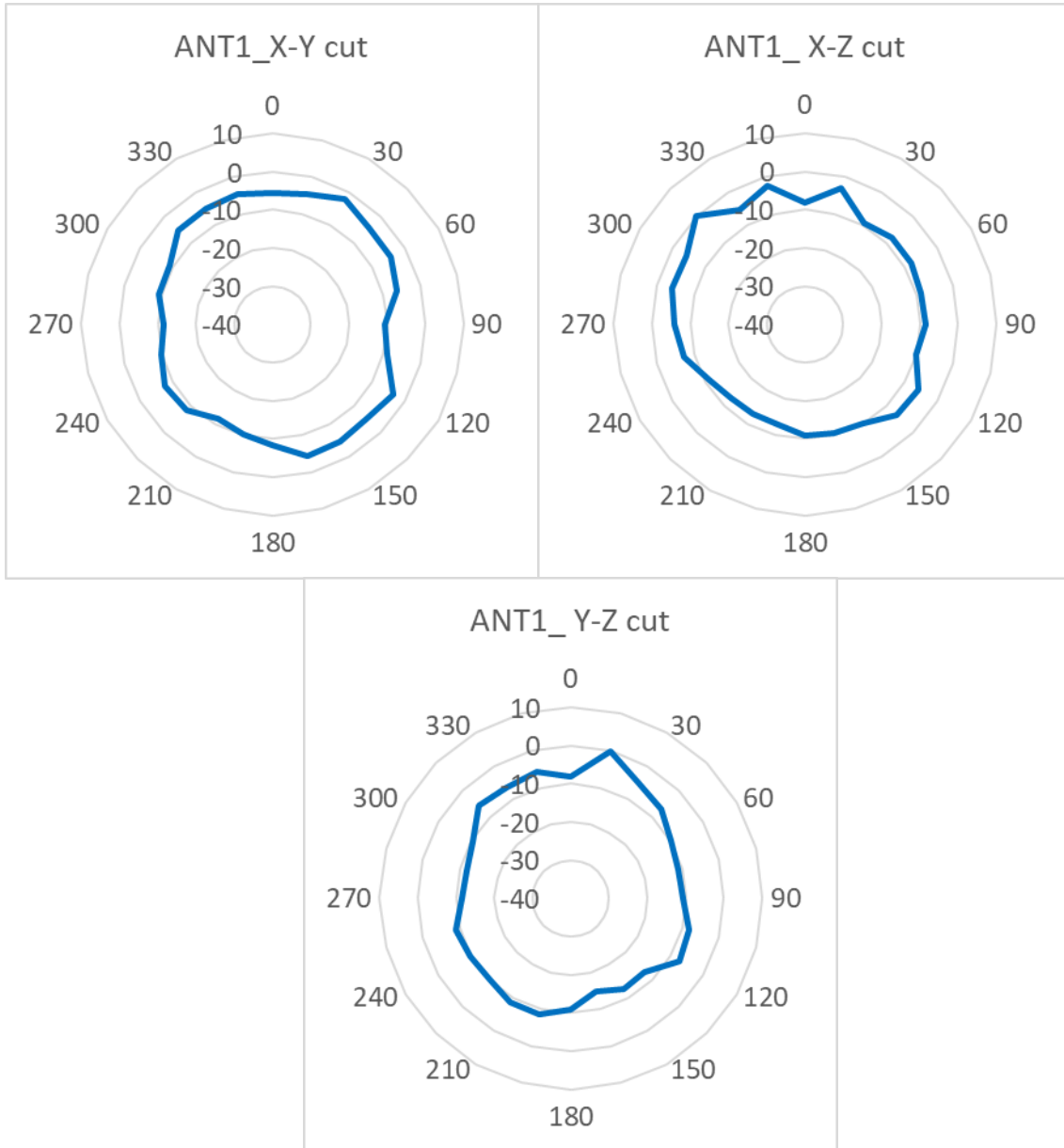
2472 MHz



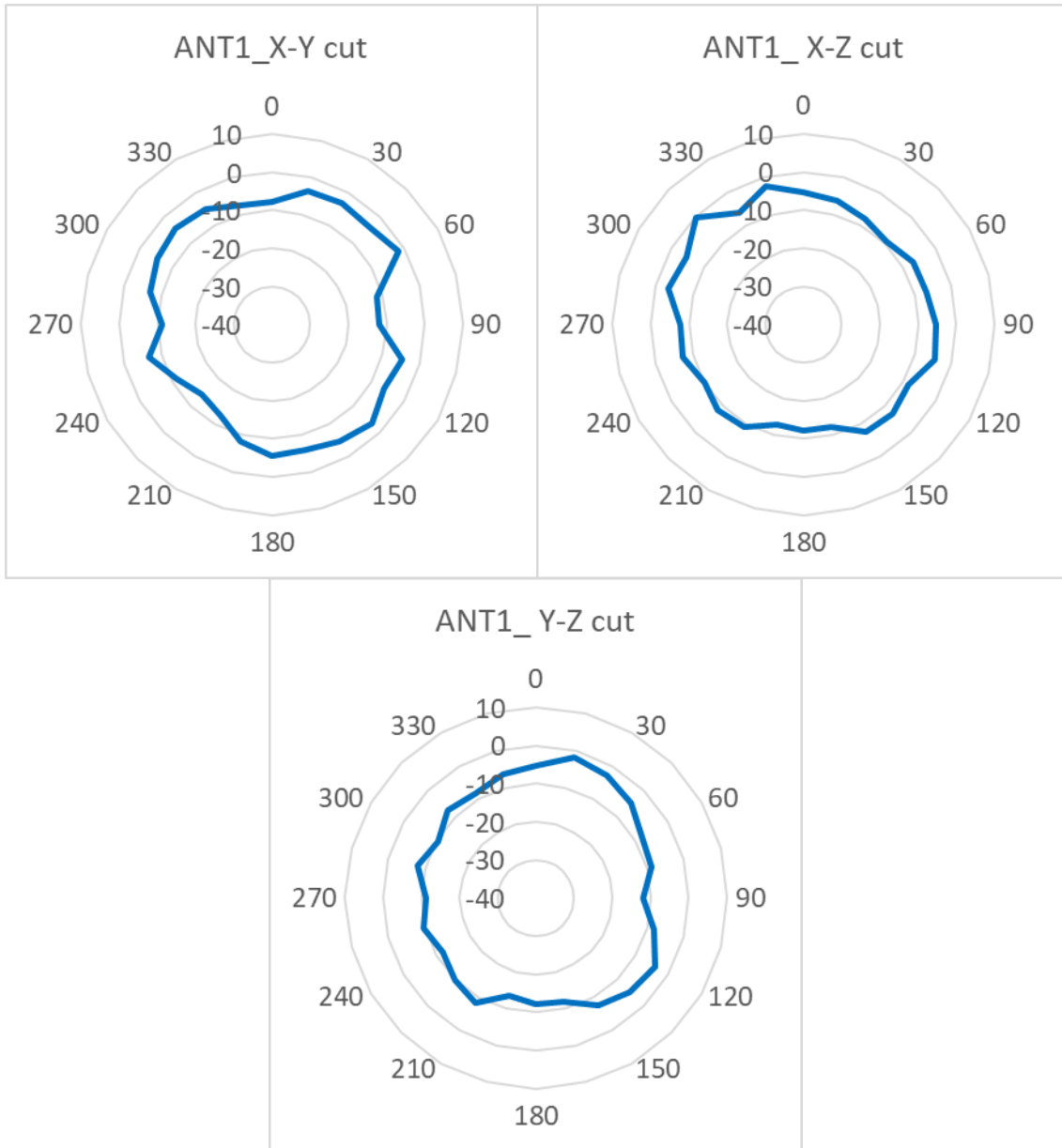
5180 MHz



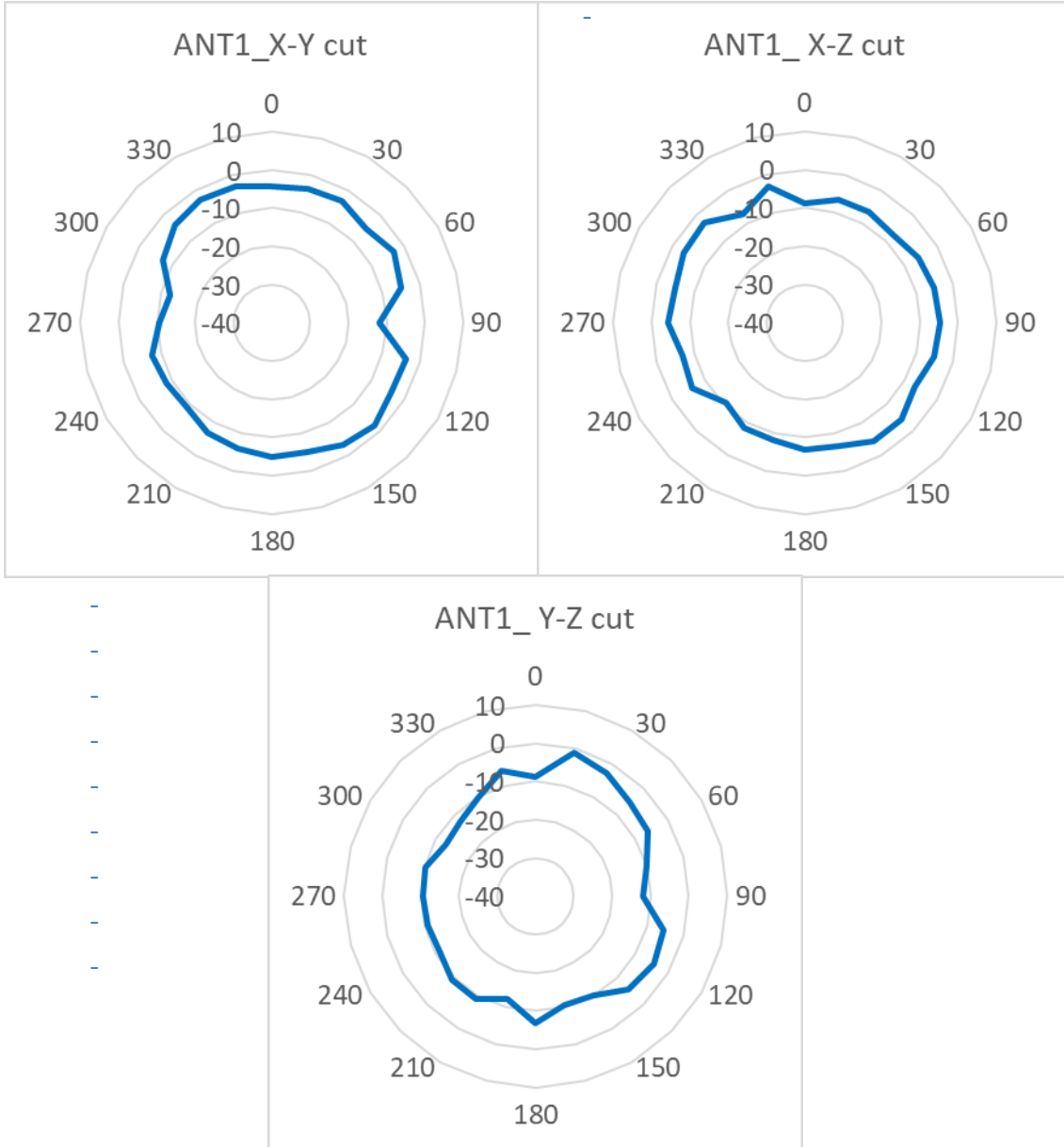
5500 MHz



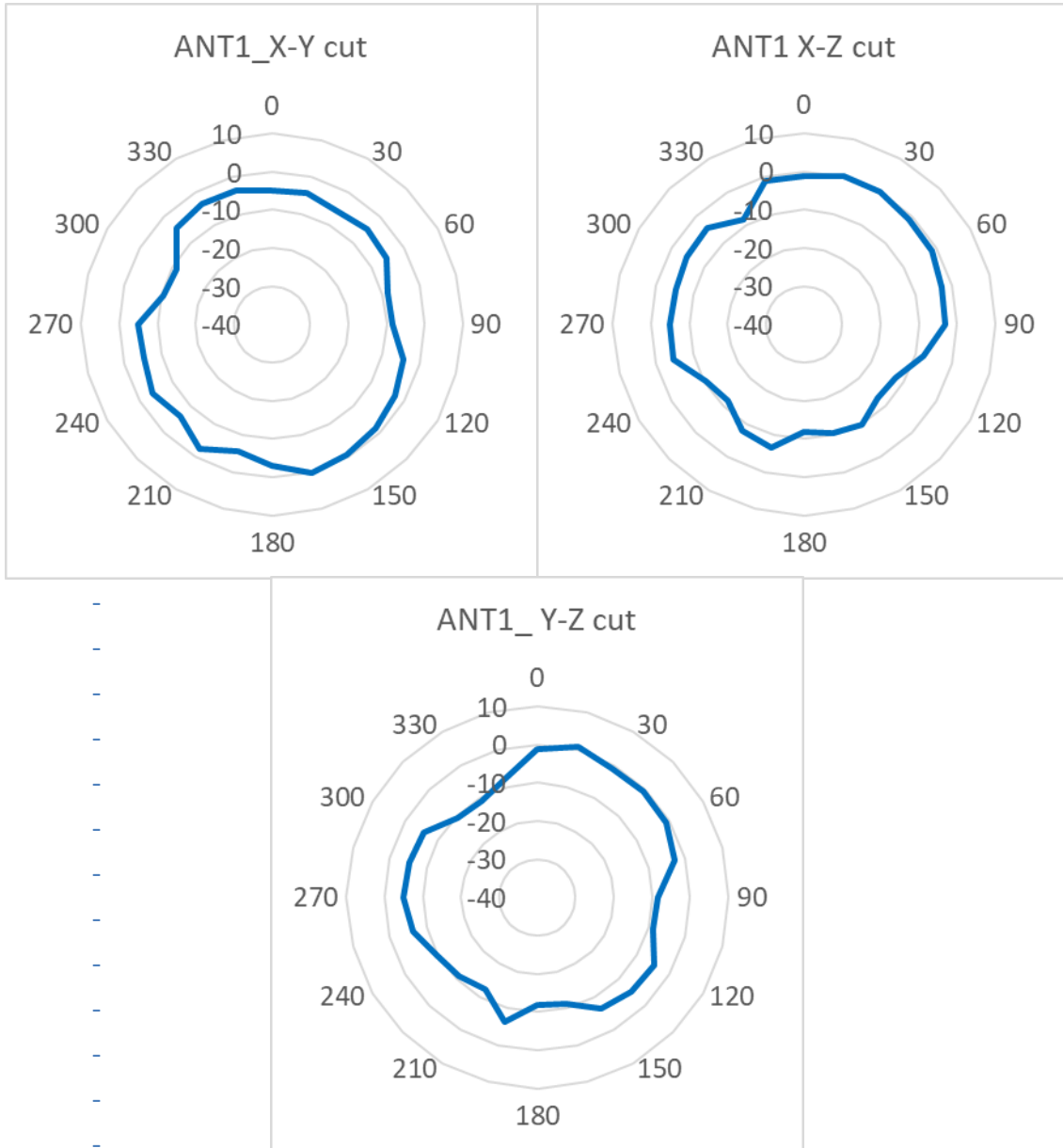
5805 MHz



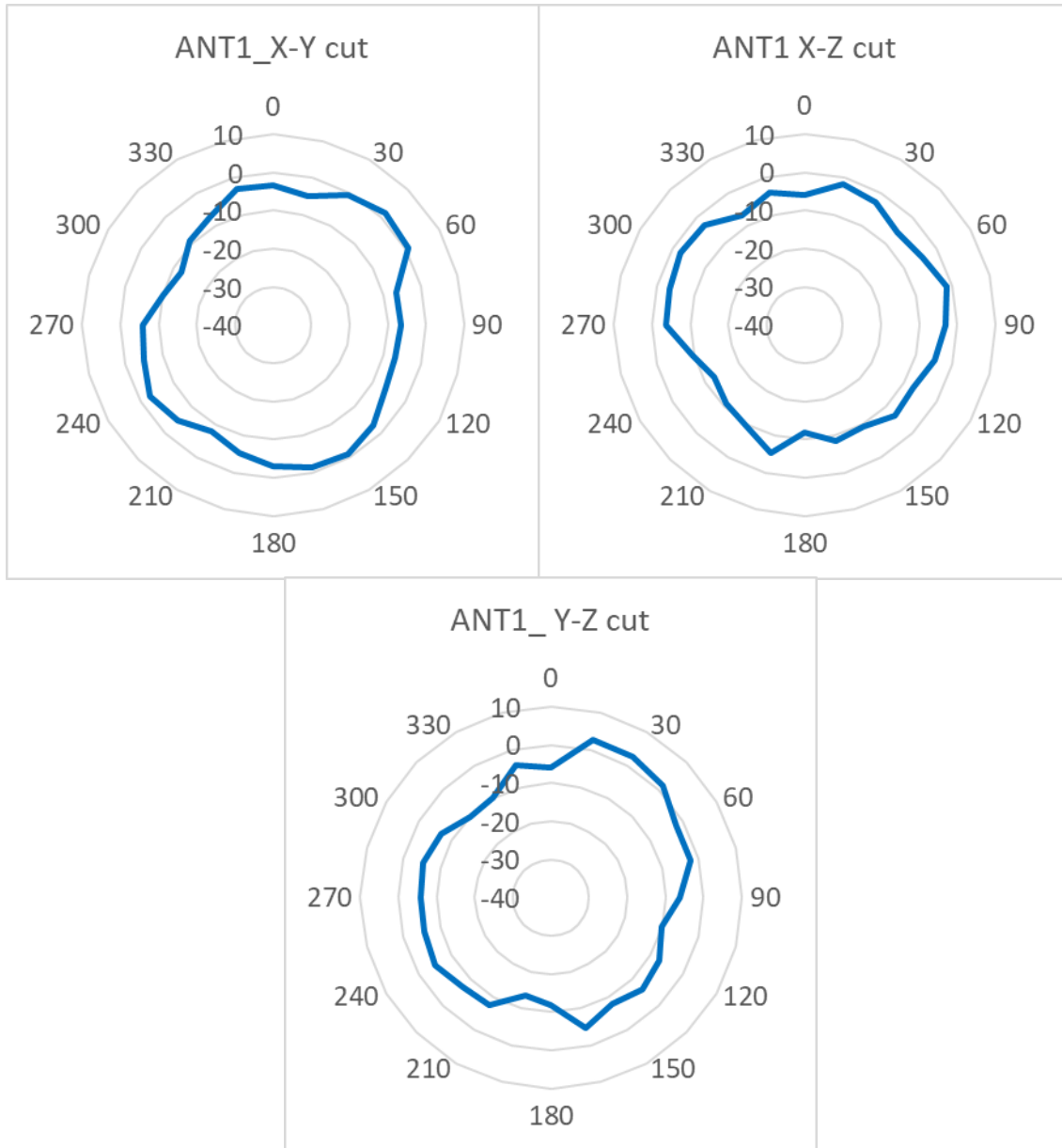
- 5955 MHz



- 6455 MHz

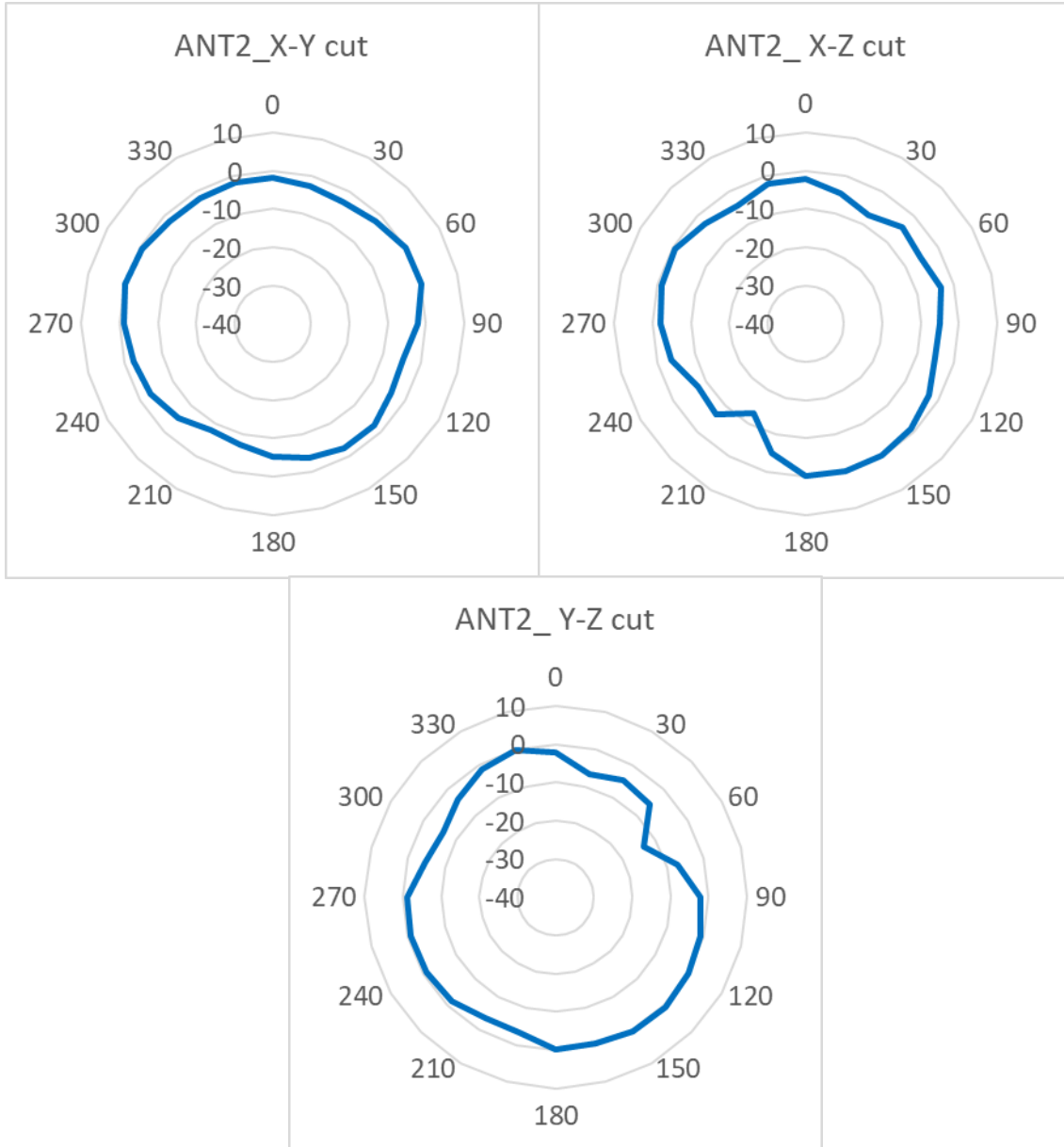


7015 MHz

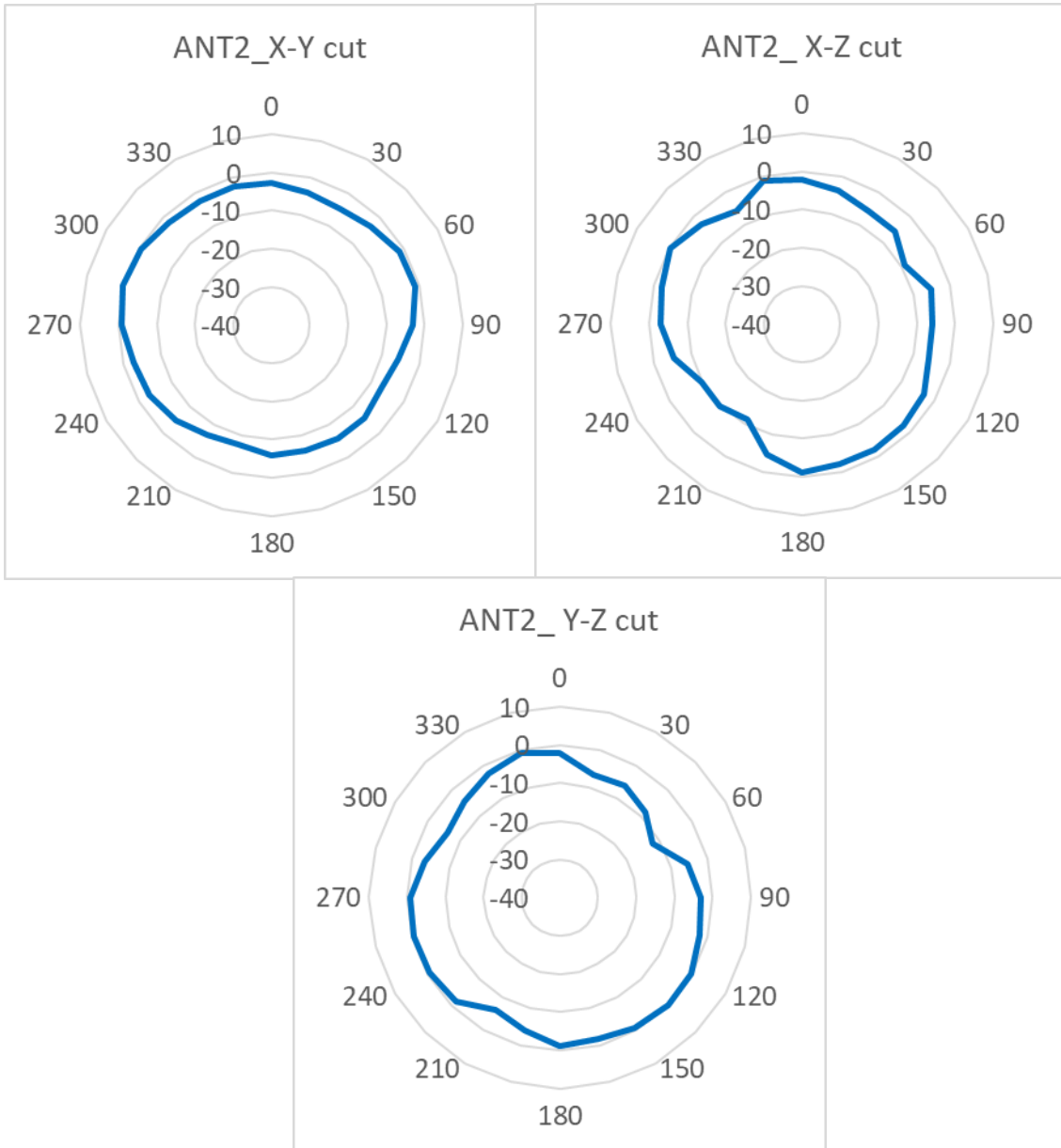


- Ant2

2402 MHz



2440 MHz



2480 MHz

