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## Antenna Specifications - cAPGi-5HaxD2HaxD

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## Antenna System Description

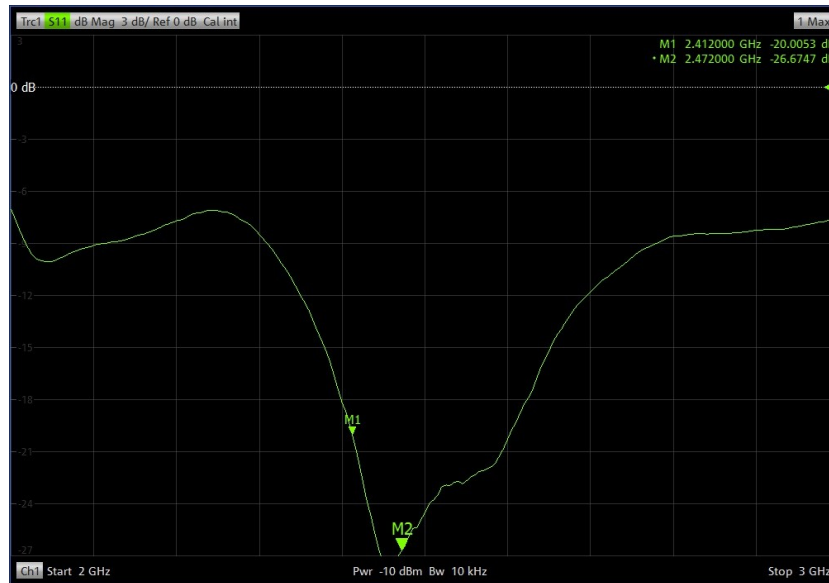
<i>Frequency range</i>	2400~2500 MHz / 5150~5850 MHz
<i>Impedance</i>	50 Ohm Nominal
<i>Radiation</i>	Semi-directional Antenna System
<i>Beamwidth</i>	~180°

## Antenna Peak Gain information

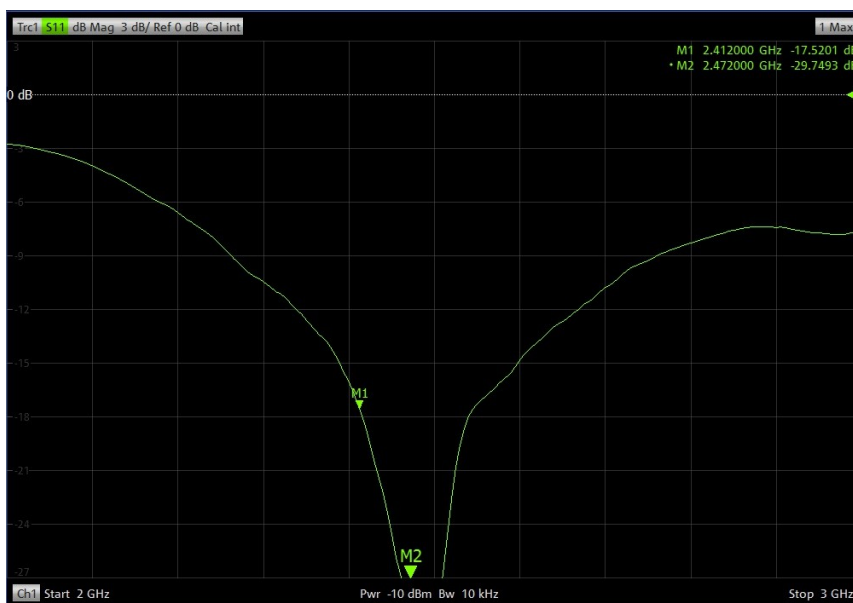
<i>Frequency Band (MHz)</i>	<i>Ant 1, dbi</i>	<i>Ant 2, dbi</i>	<i>Ant 3, dbi</i>	<i>Ant 4, dbi</i>
	<i>2.4 GHz / ch0</i>	<i>2.4 GHz / ch1</i>	<i>5 GHz / ch0</i>	<i>5 GHz / ch1</i>
2400~2500	5.9	5.9	-	-
5150~5250	-	-	5.45	5.45
5250~5350	-	-	5.35	5.35
5470~5725	-	-	6.2	6.2
5725~5850	-	-	6	6
5850~5895	-	-	5.6	5.6

## Return Loss Results

Antenna 1 (2.4 GHz / ch0)



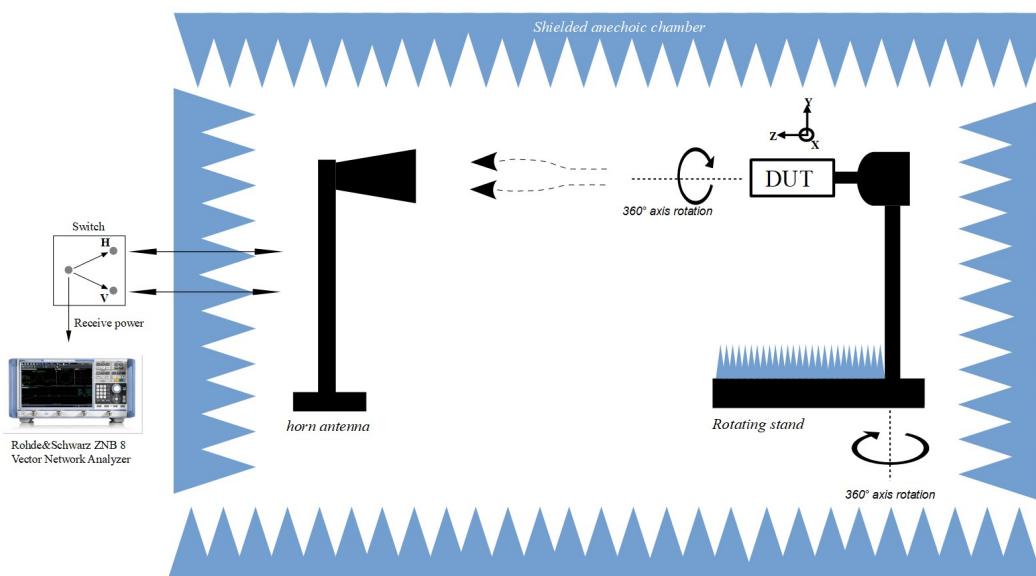
Antenna 2 (2.4 GHz / ch1)



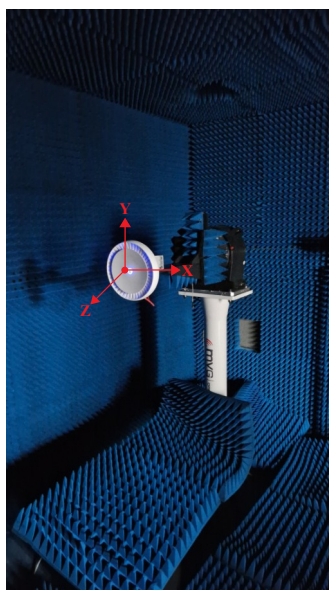


## Test Setup for Radiation Pattern Measurement

*System diagram*

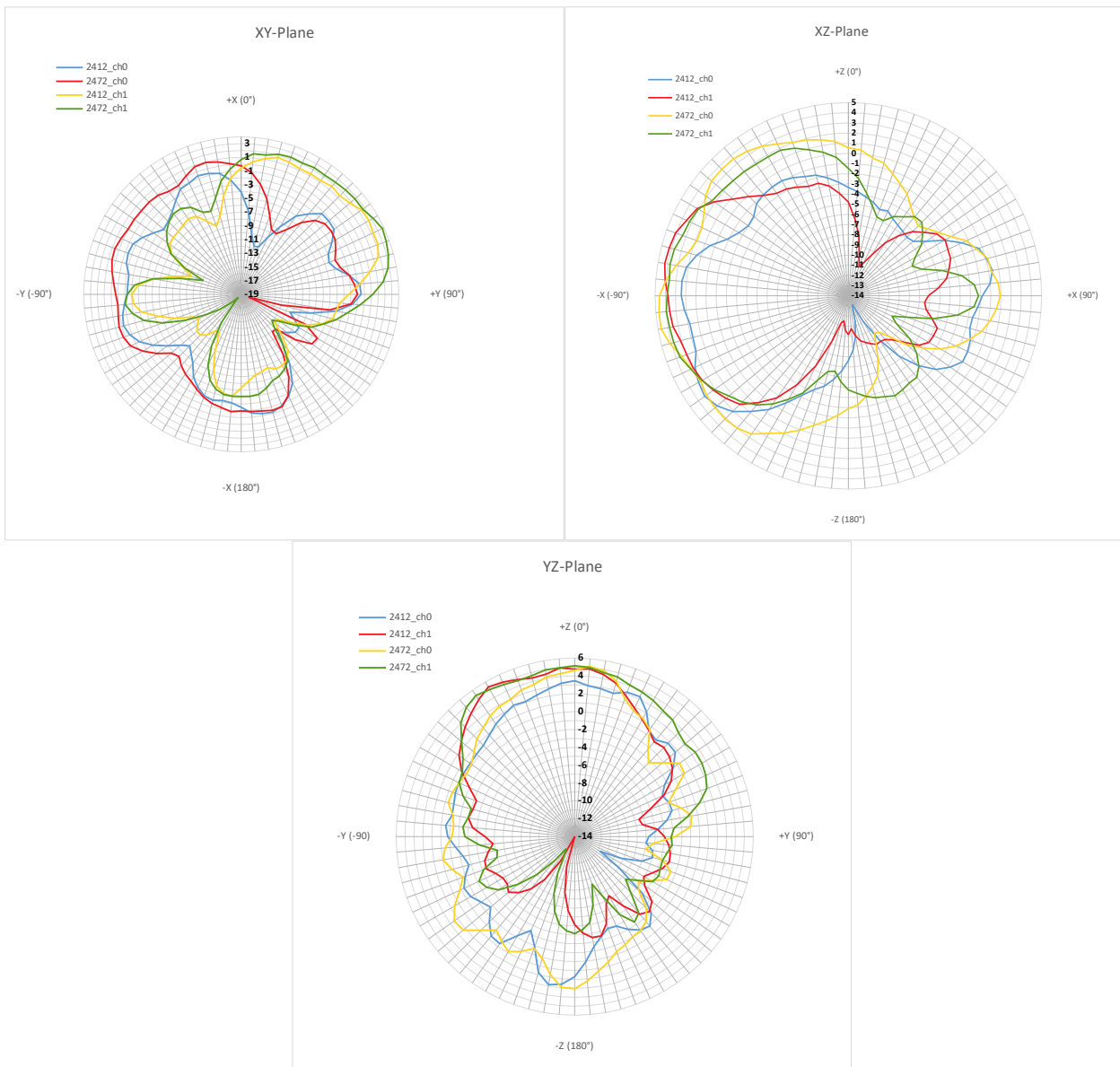


*Test setup picture*

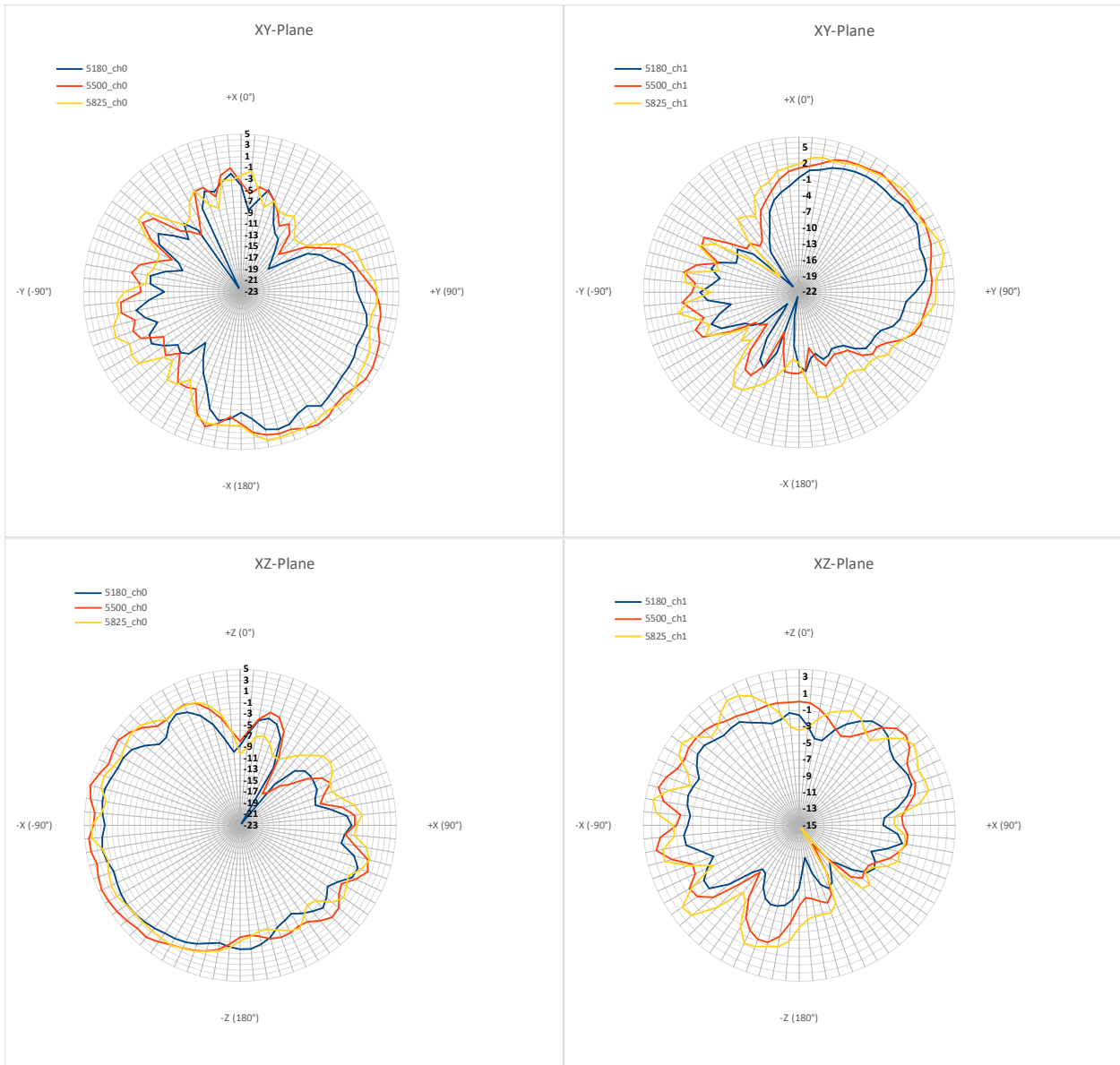


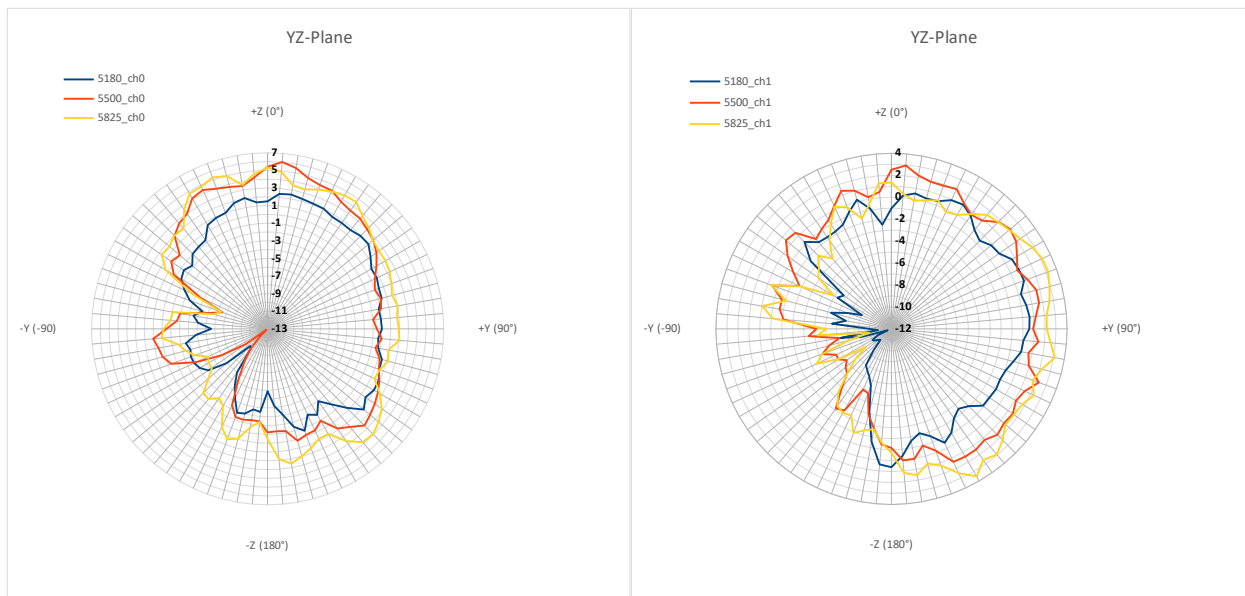
## Radiation Pattern Results

### *Antenna 1 (ch0), Antenna 2 (ch1)*



*Antenna 3 (ch0), Antenna 4 (ch1)*





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