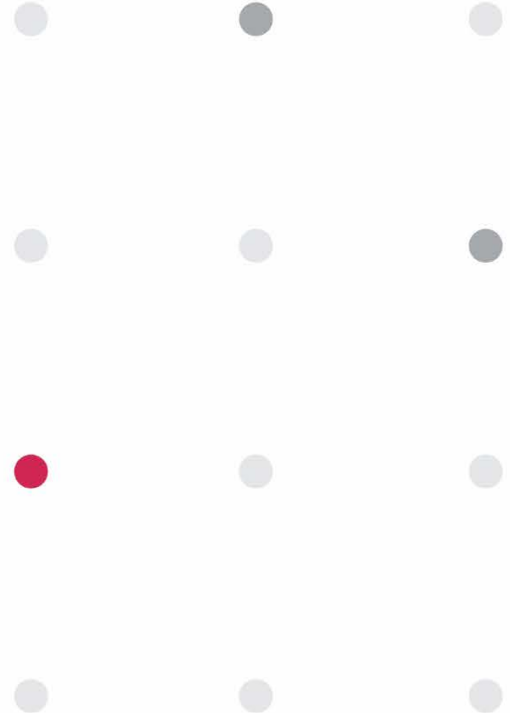
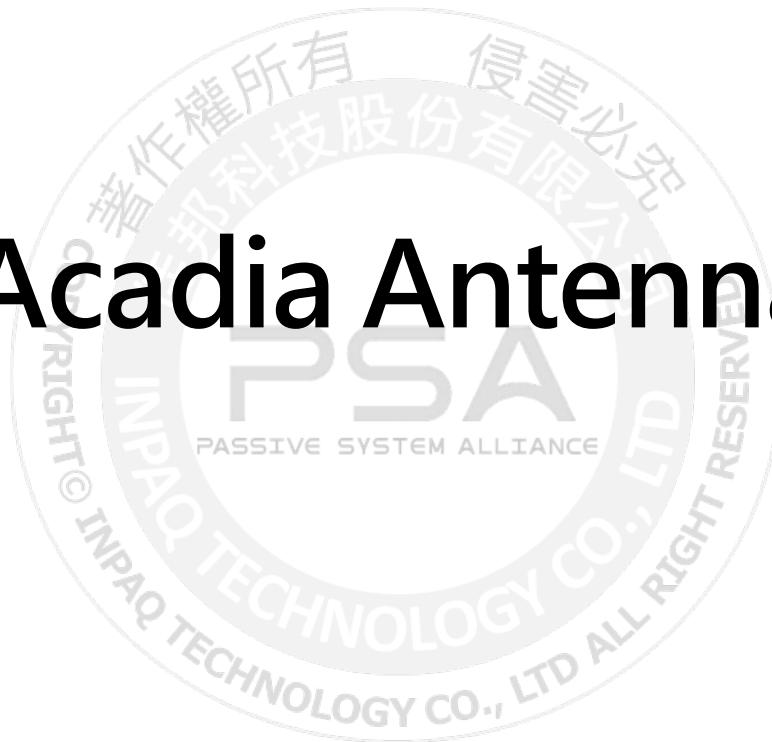


PSA

PASSIVE SYSTEM ALLIANCE
INPAQ TECHNOLOGY CO., LTD.



Acadia Antenna



OUTLINE

1. Agenda

2. Antenna Characteristics

2.1 Peak Gain

2.2 Radiation Patterns

1. Agenda

- Antenna Design

- Radiation Pattern
- Peak gain table
- Antenna manufacture name
INPAQ TECHNOLOGY CO., LTD
- Antenna manufacture address

326103 No. 566-1 Gaoshi Road, Yangmei District, Taoyuan City



2. Antenna Characteristics

2.1 Peak Gain

	BT/Zigbee	6G1	6G2
Frequency (MHz)	Peak gain (dBi)	Peak gain (dBi)	Peak gain (dBi)
2400	5.6		
2450	5.19		
2500	5.48		
5925		5.29	5.69
6500		5.95	5.8
7125		5.3	5.45

THE CASE is a antenna model:3010001479GD

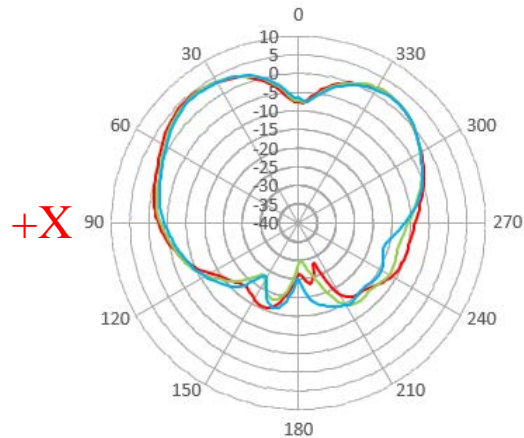
Antenna Number	Brand Name	Ant. Type	Connector	Support	Max Peak Gain	Does the antenna gain include cable loss?
6G1	INPAQ	PIFA	IPEX-1	6G	5.95 dBi	antenna gain include cable loss
6G2	INPAQ	PIFA	IPEX-1	6G	5.8 dBi	antenna gain include cable loss
BT/Zigbee	INPAQ	Dipole	IPEX-1	BT/Zigbee	5.6 dBi	antenna gain include cable loss

2. Antenna Characteristics

BT/Zigbee

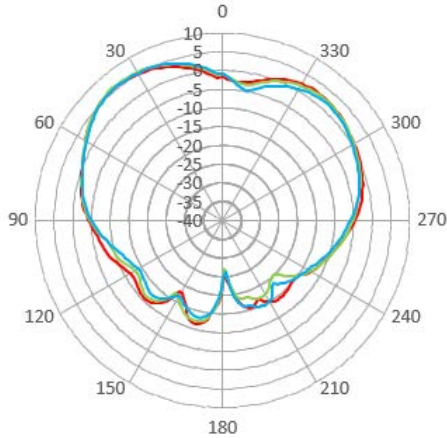
2.2 Radiation Patterns

+Z



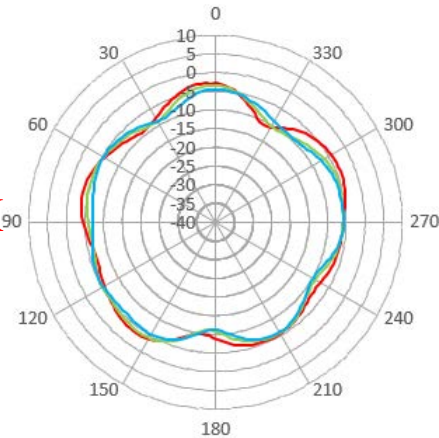
+Z

+Y



+Y

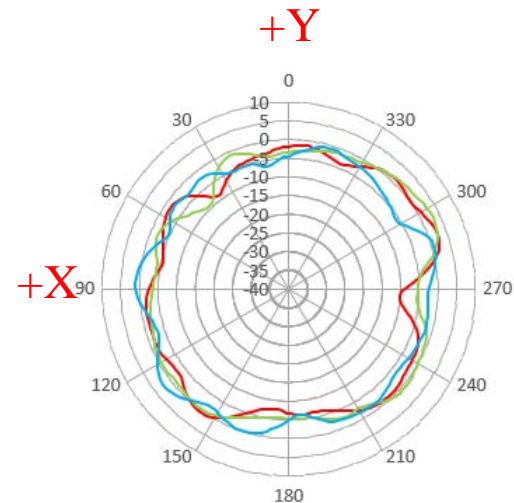
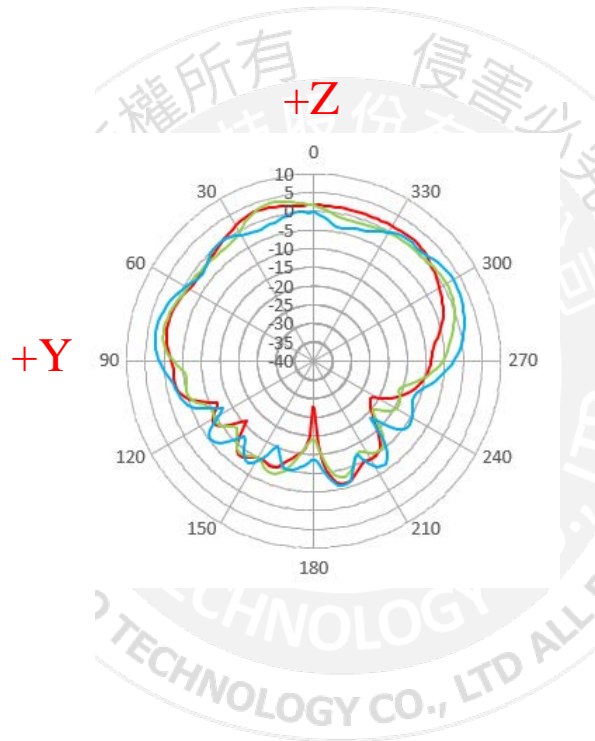
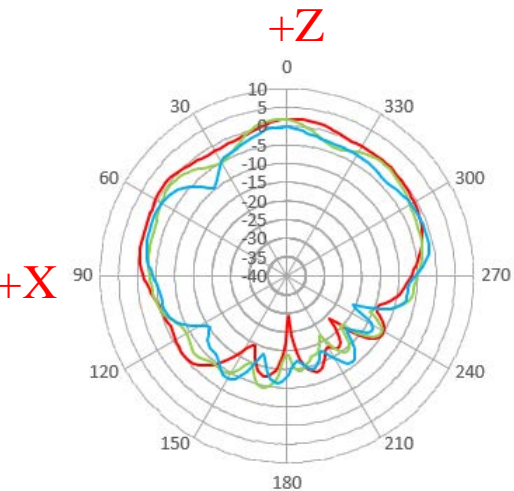
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2. Antenna Characteristics

2.2 Radiation Patterns

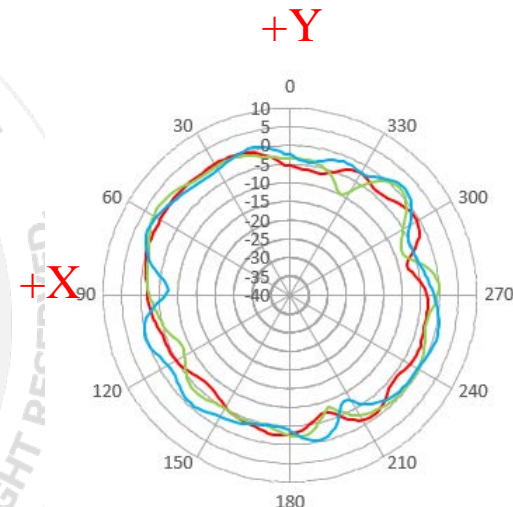
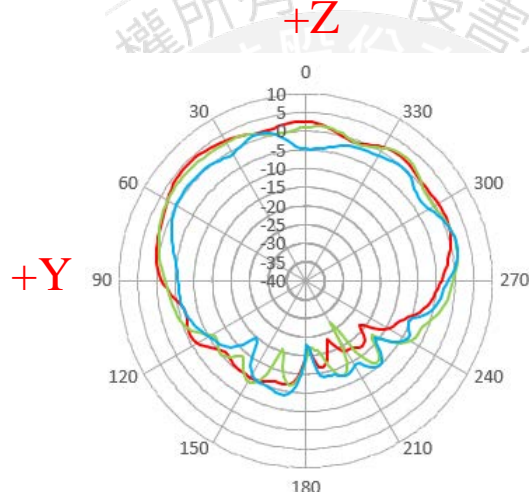
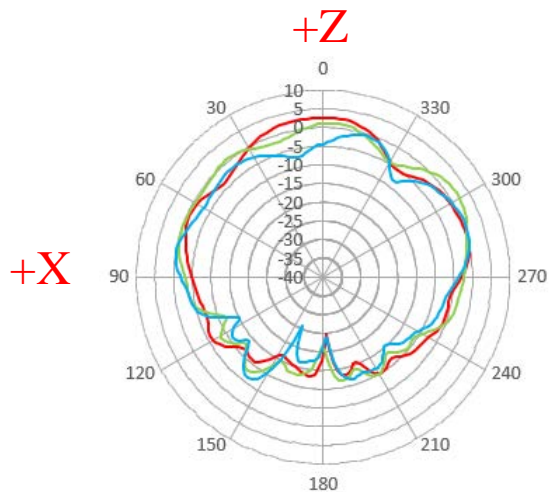
6G1



2. Antenna Characteristics

6G2

2.2 Radiation Patterns



Thank you