

Antenna specification

Model name	CA468
Manufacturer	SHARP CORPORATION
Address	1 Takumi cho, Sakai ku, Sakai City, Osaka 590 8522, Japan

1. Type of antenna

Type of antenna: PIFA

Printed antenna using the microstrip format on PCB

2. Maximum antenna gain

Bluetooth antenna:

Band (MHz)	BT Antenna
2402-2480	-3.4 dBi

3. Antenna location drawing

See the following documents:

- 25_Antenna Drawing_APYHRO00340.pdf

4. Working principle of multiple antennas

2.1 Antenna Diversity: None.

2.2 Power Mode: None.

5. Maximum beamforming gain

Not use beamforming technology.

6. The state of antenna simultaneous transmission

None antenna simultaneous transmission

7.1 Antenna Gain

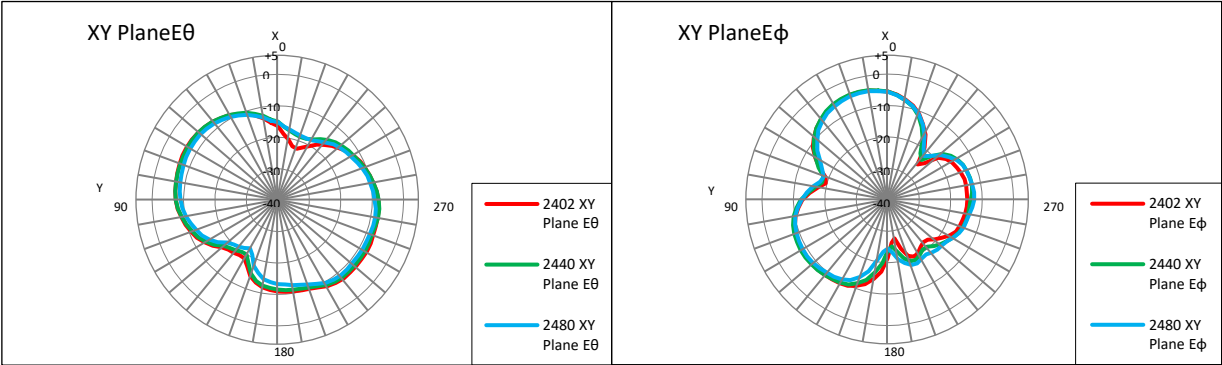
BT Antenna				
Frequency	Plane	2402	2440	2480
Peak Gain	XY	-3.6	-3.4	-4.0
	YZ	-3.4	-3.5	-4.4
	XZ	-3.4	-3.5	-3.4
Avg. Gain	XY	-7.2	-7.2	-7.9
	YZ	-6.7	-6.6	-7.4
	XZ	-6.3	-6.3	-6.8

Unit [dBi]

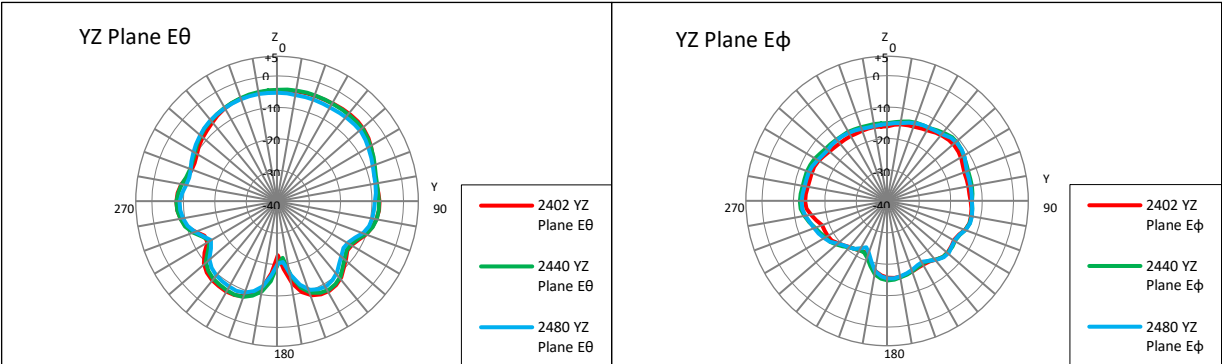
7.2 Antenna Pattern

BT Antenna (2402-2480MHz)

XY Plane



YZ Plane



XZ Plane

