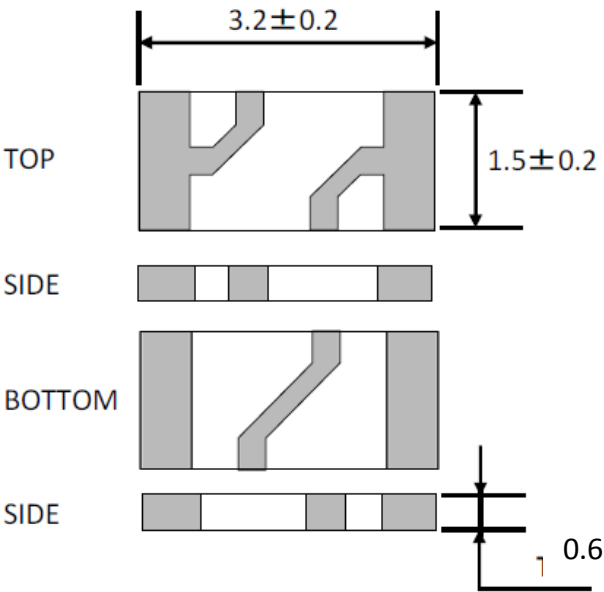


Chip Antenna

2.4G / 915MHz / 433MHz

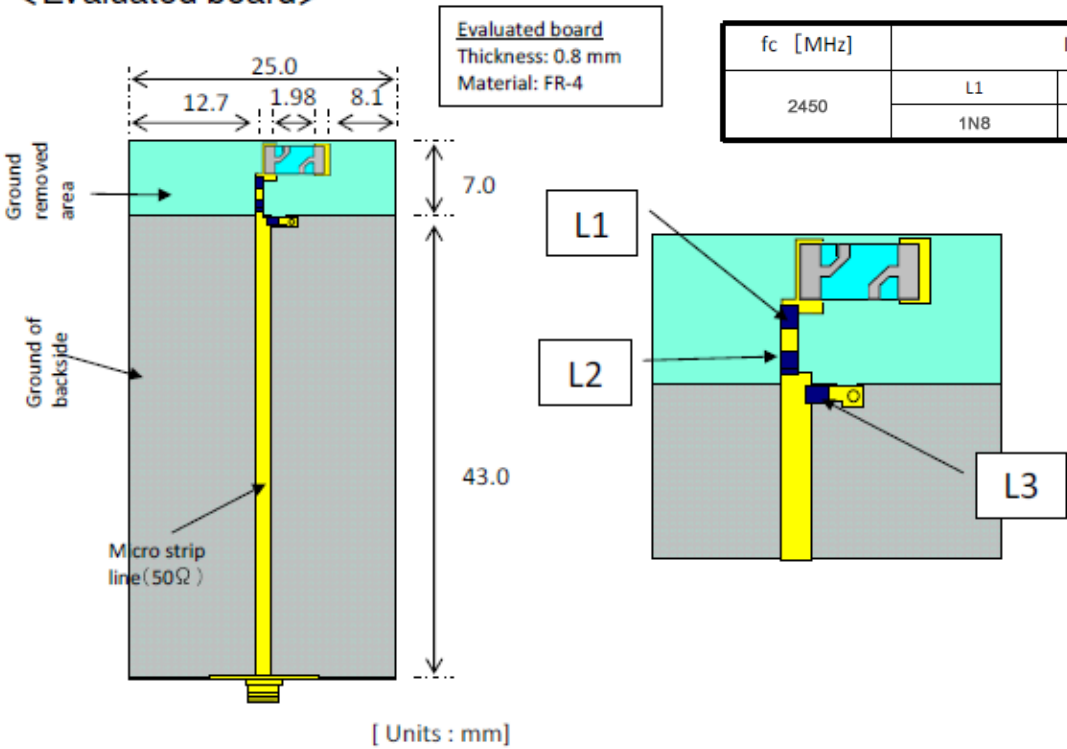
Frequency range: 2.4G
Model:WS-ANTSMD2G4

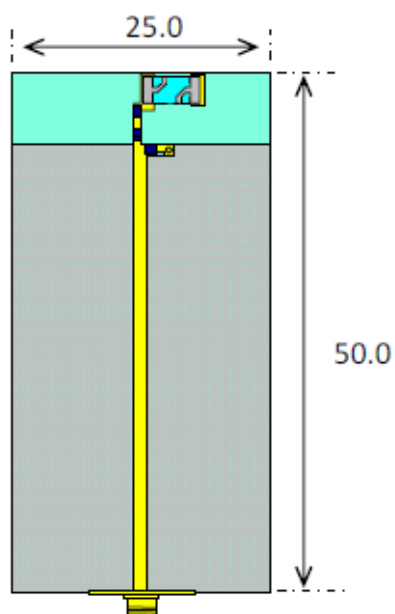


- < Feature >
- 2400~2500MHz
 - Impedance 50Ω
 - Very small (3.2×1.5×0.6mm)
 - High gain
 - Omni-directional

- < Applications >
- Bluetooth device, IEEE802.11b/g device, ZigBee device

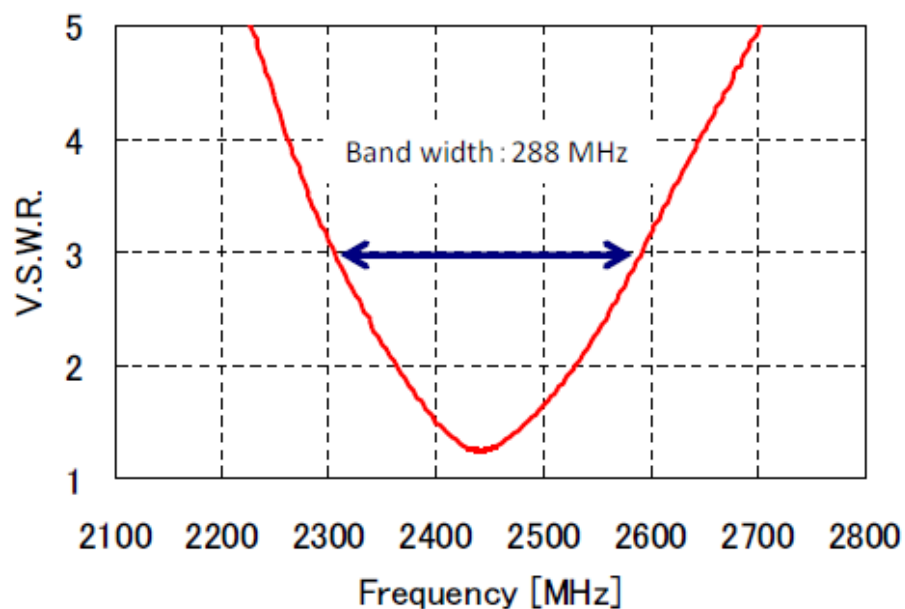
< Evaluated board >



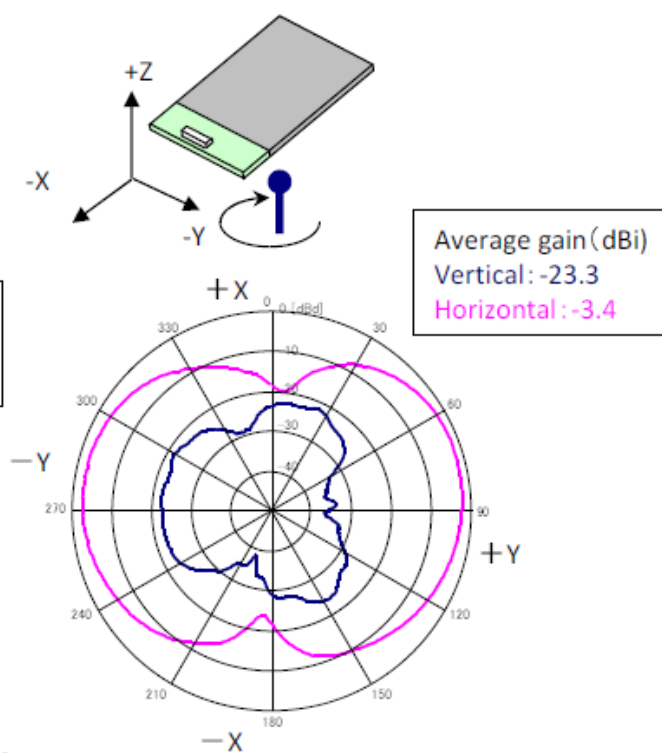
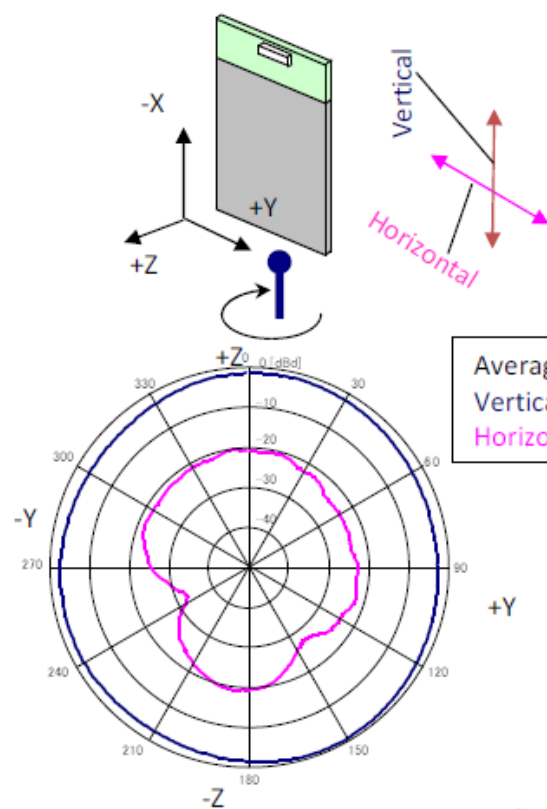


[Units : mm]

Evaluated board



V.S.W.R.



Radiation pattern $f_c=2442\text{MHz}$

Frequency range: 915MHz

Model:WS-ANTSMD915

< Feature >

900~930MHz

Impedance 50Ω

Very small (10.5×3.0×0.6mm)

High gain

Omni-directional

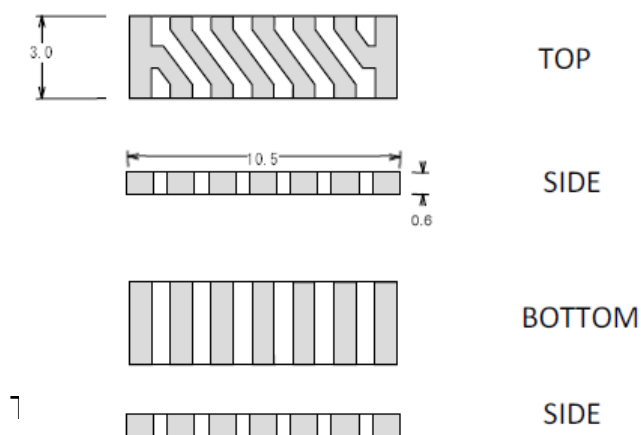
< Applications >

Telemeter(Industrial & medical use)

Data communication, Keyless

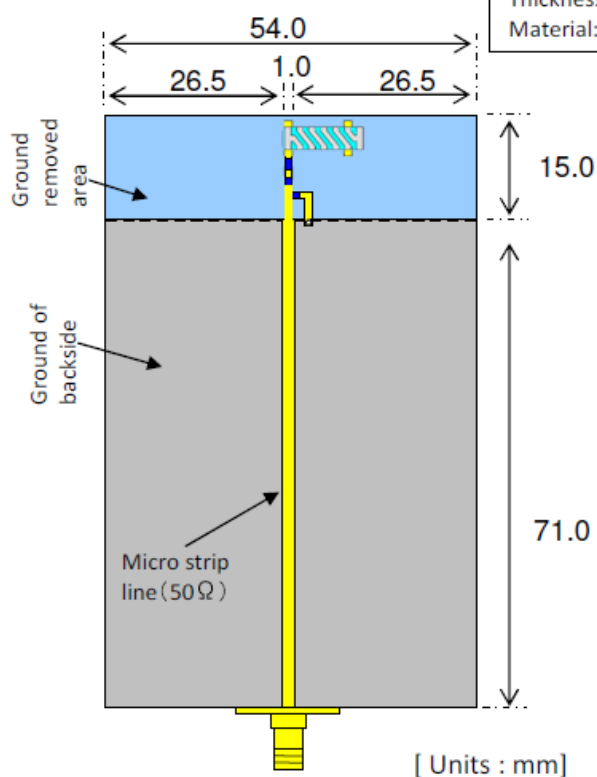
entry system, Immobilizer system, Voice

communication terminal, ZigBee



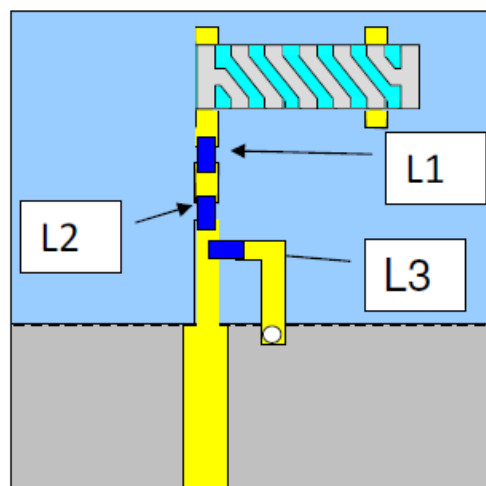
[Units : mm]

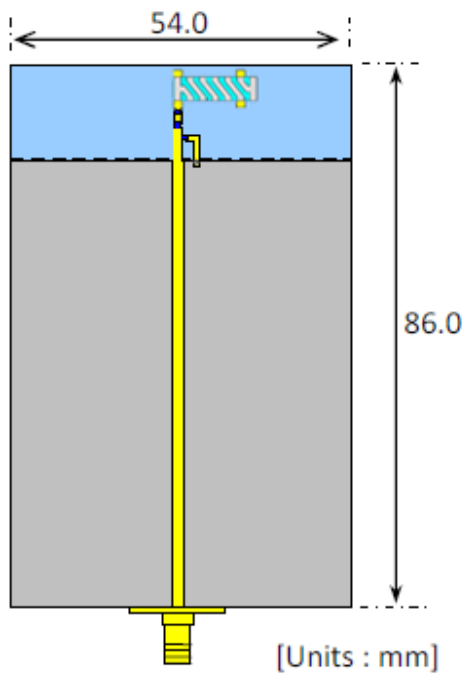
< Evaluated board >



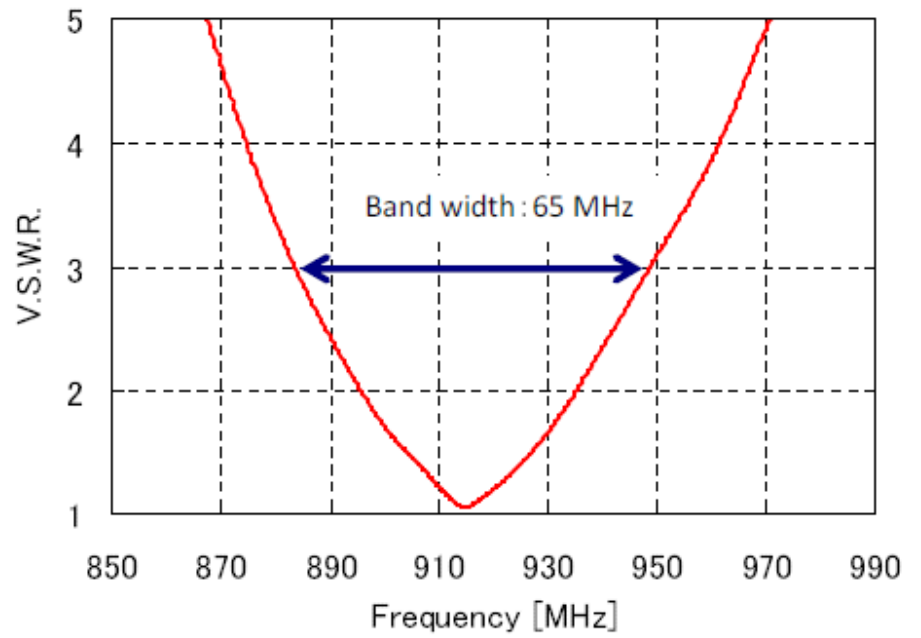
Evaluated board
Thickness: 0.8 mm
Material: FR-4

fc [MHz]	Inductance [nH]		
	L1	L2	L3
868	4.3	47	8.2
915	3N9	30N	6N8
950	11	33	6.8

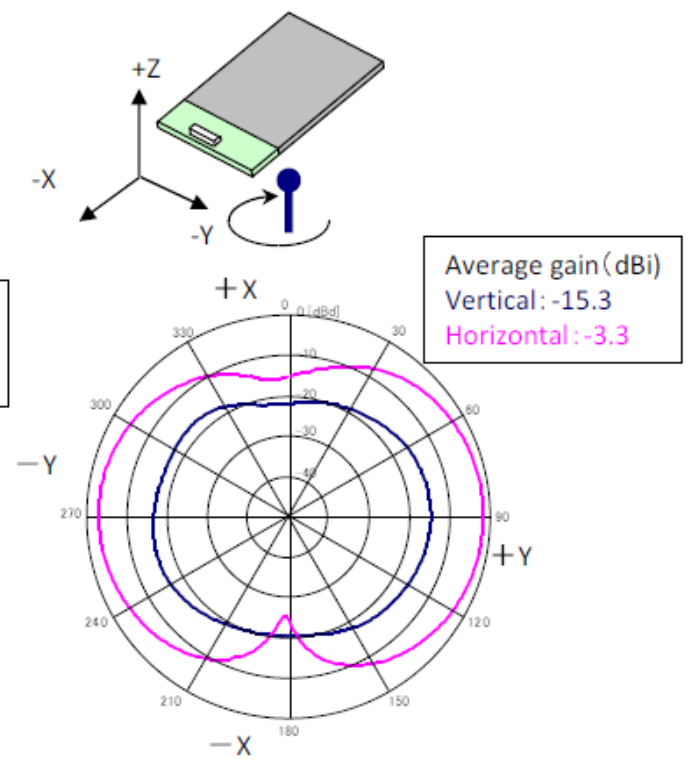
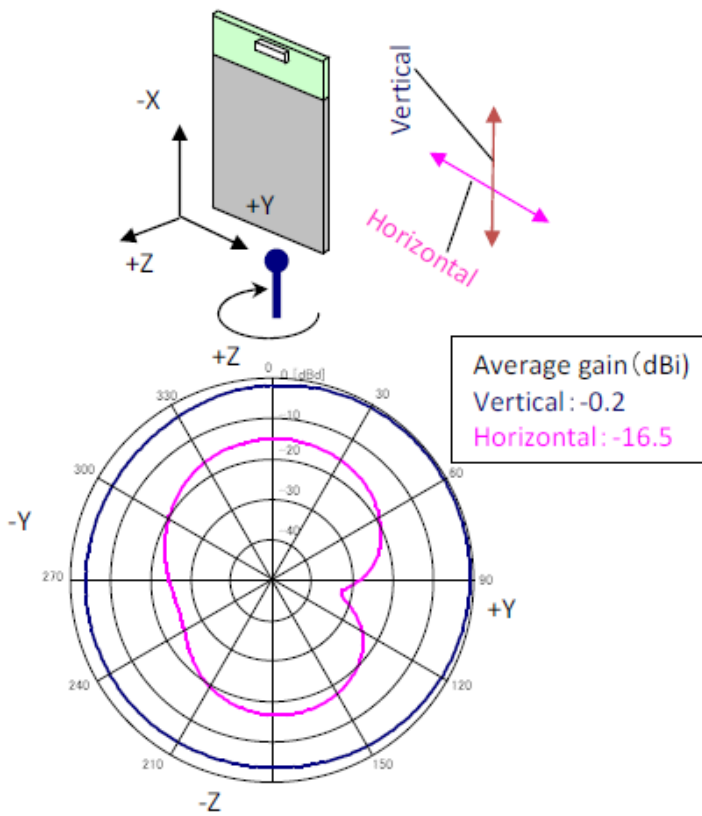




Evaluated board



V.S.W.R.



Radiation pattern: $f_c=915\text{MHz}$

Frequency range: 433MHz

Model:WS-ANTSMD433

< Feature >

428~438MHz

Impedance 50Ω

Very small (15.1×3.0×0.6mm)

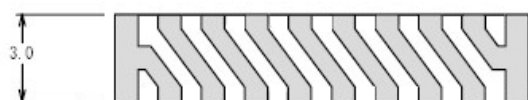
High gain

Omni-directional

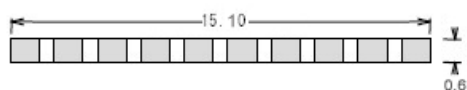
< Applications >

Telemeter(Industrial & medical use)

Data communication, Keyless entry system, Immobilizer system, Voice communication terminal, ZigBee



TOP



SIDE



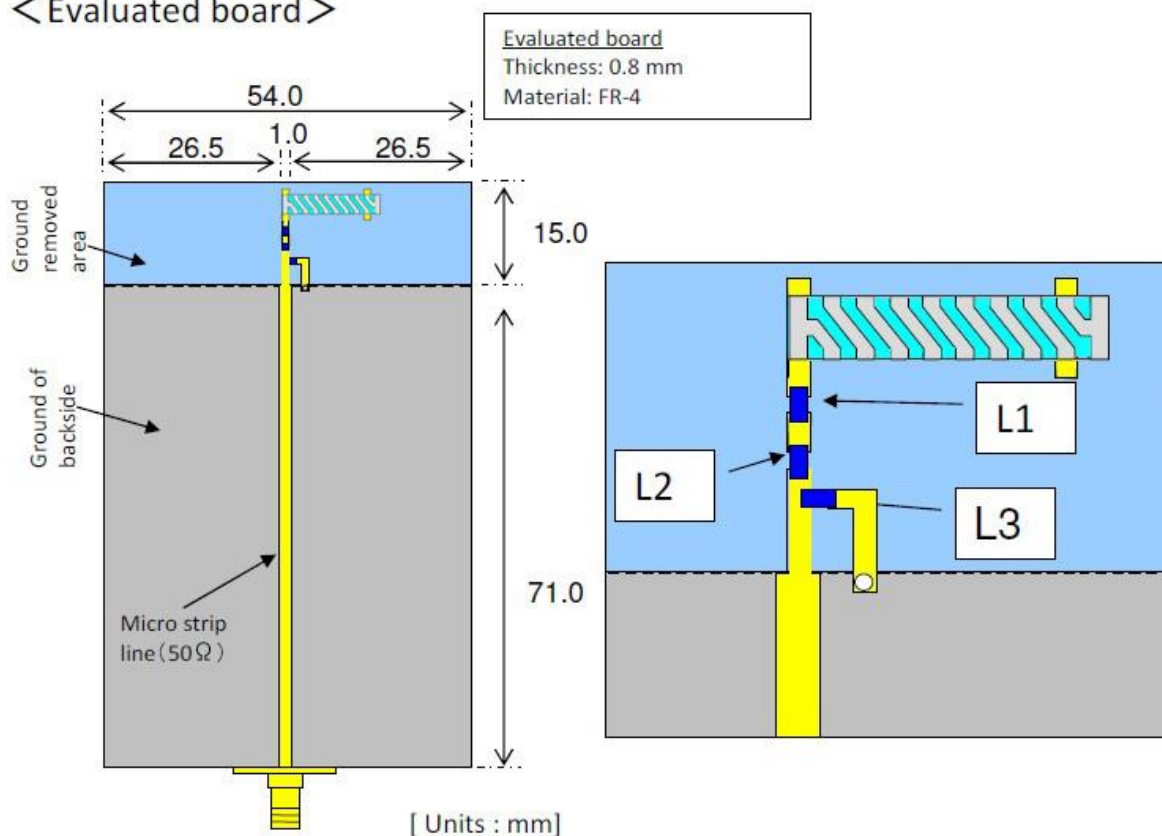
BOTTOM



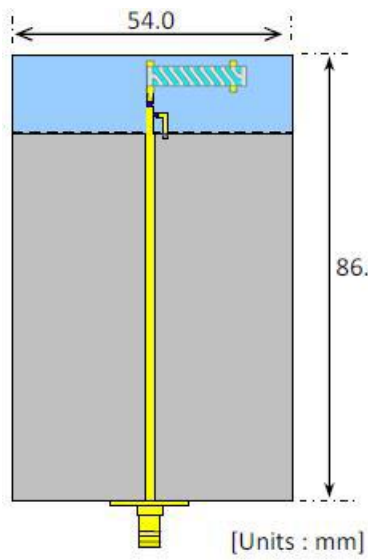
SIDE

[Units : mm]

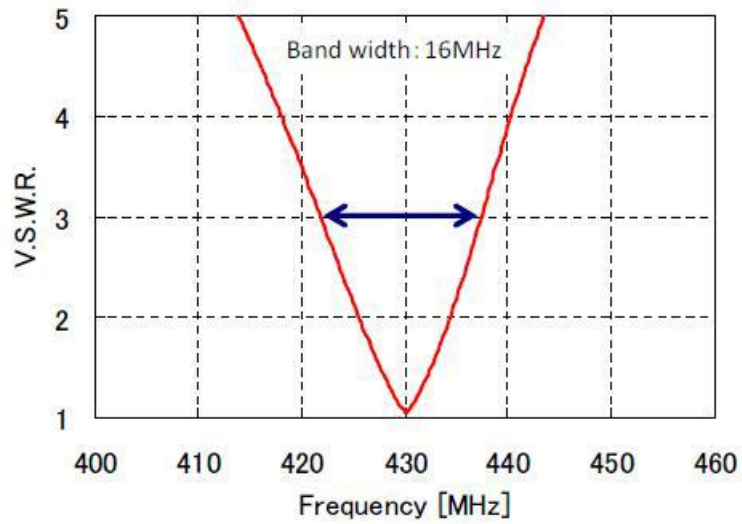
< Evaluated board >



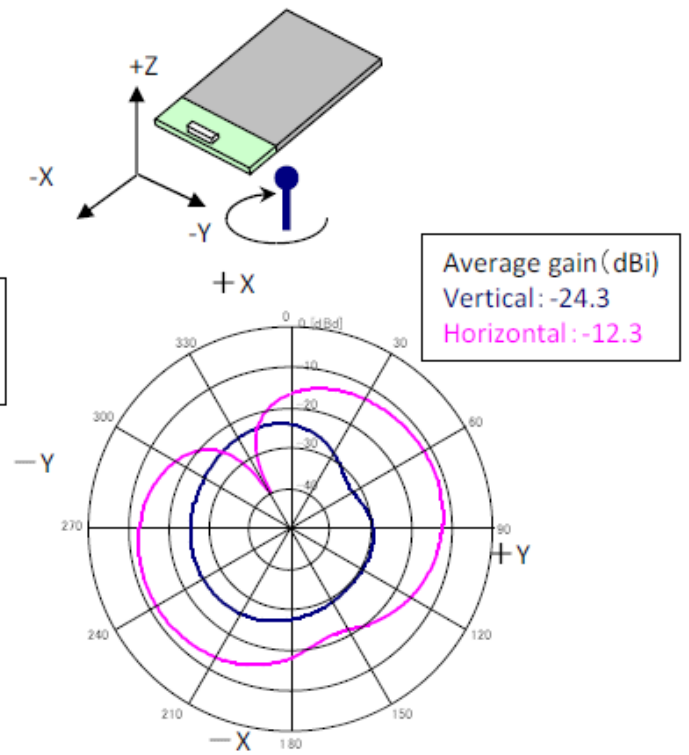
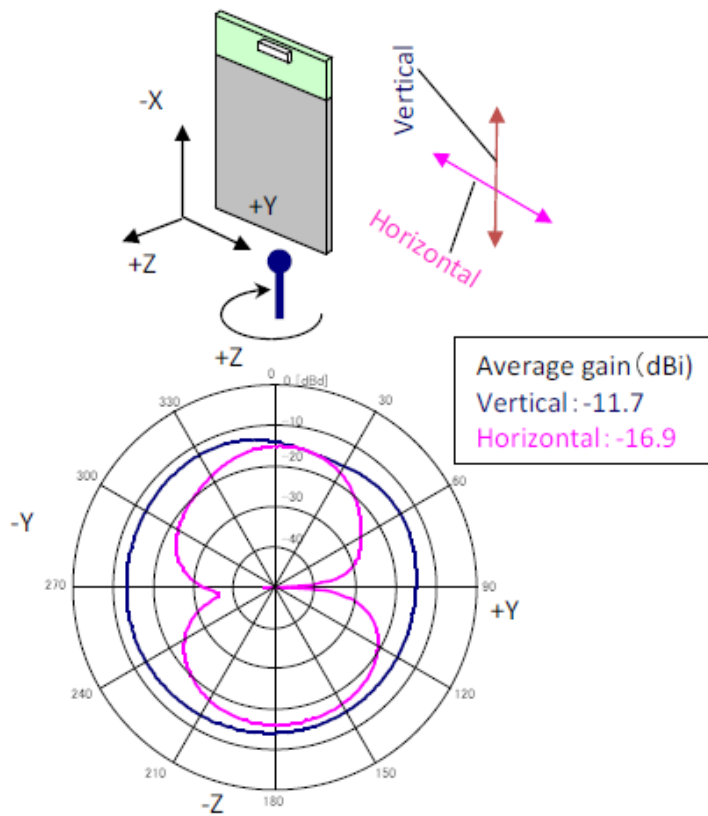
fc [MHz]	Inductance [nH]		
	L1	L2	L3
315	88	390	33
430	47N	120N	56N



Evaluated board



V.S.W.R.



Radiation Pattern:fc=430MHz