

## Antenna for Wireless E84 (WDCD-3310, WDCU-3310)

### □ Manufacture

• Company:  
Sakuma Antenna

• Address:  
304 Kannai Capital Building, 2-25 Benten-dori, Naka-ku, Yokohama City, Kanagawa Prefecture

### □ Product

Model Name		JUM2458PO_W1	
Frequency Range		2GHz:	2400 ~ 2500 MHz
		5GHz:	5725 ~ 5895 MHz
Antenna Type		Type-H board antenna	
Connector Type		SMAJ	
Cable	Length	40 cm	
	Loss (worst)	2.4GHz:	-0.6 dB
		5GHz:	-1.0 dB
	Connector Type	SMA-P	

### □ Antenna Gain

Note: Antenna gain values do not include cable loss.

#### ▶ 2GHz

Max Peak Gain

No.	Polarization plane	2400MHz	2450MHz	2500MHz
		p-p [dBi]	p-p [dBi]	p-p [dBi]
1	V <sub>XY</sub>	+6.2	+6.4	+5.5
2	H <sub>XY</sub>	-12.6	-10.1	-7.0
3	V <sub>YZ</sub>	-11.5	-10.9	-11.2
4	H <sub>YZ</sub>	+3.9	+4.1	+3.6
5	V <sub>ZX</sub>	< -20	< -20	< -20
6	H <sub>ZX</sub>	+5.3	+6.1	+5.7

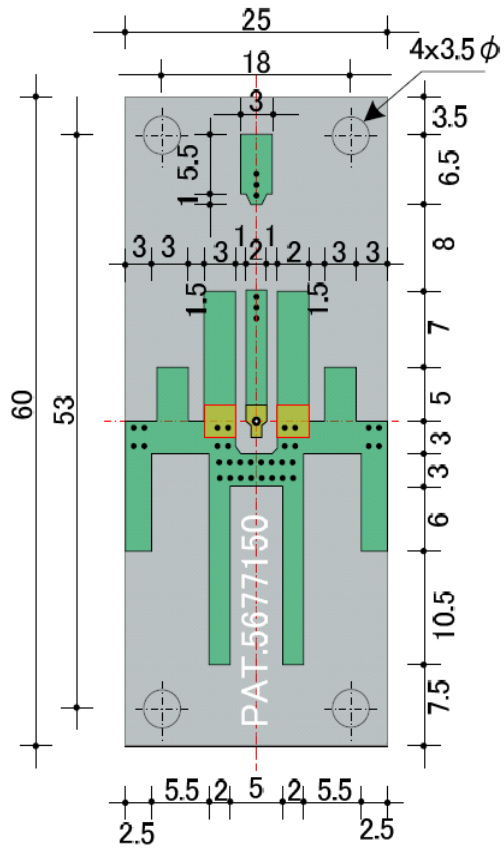
#### ▶ 5GHz

Max Peak Gain

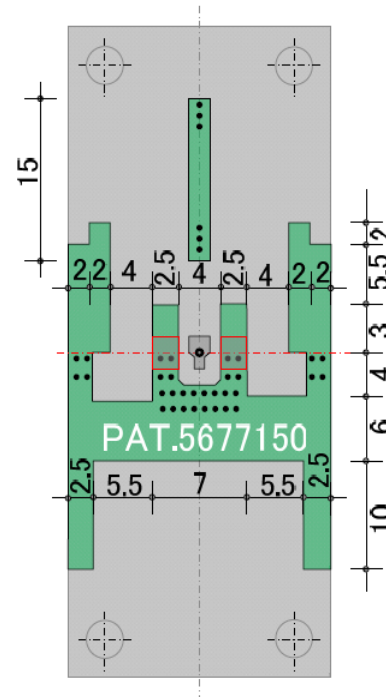
No.	Polarization plane	5725MHz	5775MHz	5825MHz	5850MHz	5875MHz	5885MHz	5895MHz
		p-p [dBi]	p-p [dBi]	p-p [dBi]	p-p [dBi]	p-p [dBi]	p-p [dBi]	p-p [dBi]
1	V <sub>XY</sub>	-6.7	-7.3	-5.4	-4.6	-4.6	-3.9	-4.3
2	H <sub>XY</sub>	-2.7	-2.1	-0.9	± 0.0	+0.6	+0.9	+0.9
3	V <sub>YZ</sub>	< -20	< -20	< -20	< -20	< -20	< -20	< -20
4	H <sub>YZ</sub>	+1.9	+0.2	-2.2	-2.5	-3.1	-2.7	-3.0
5	V <sub>ZX</sub>	-6.8	-7.3	-9.7	-10.1	-10.5	-10.3	-11.4
6	H <sub>ZX</sub>	+1.6	+0.8	-0.3	-0.2	-0.7	-0.4	-1.3

□ PCB Drawing

< 1st Layer >



< 2nd Layer >



□ External View

