

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	

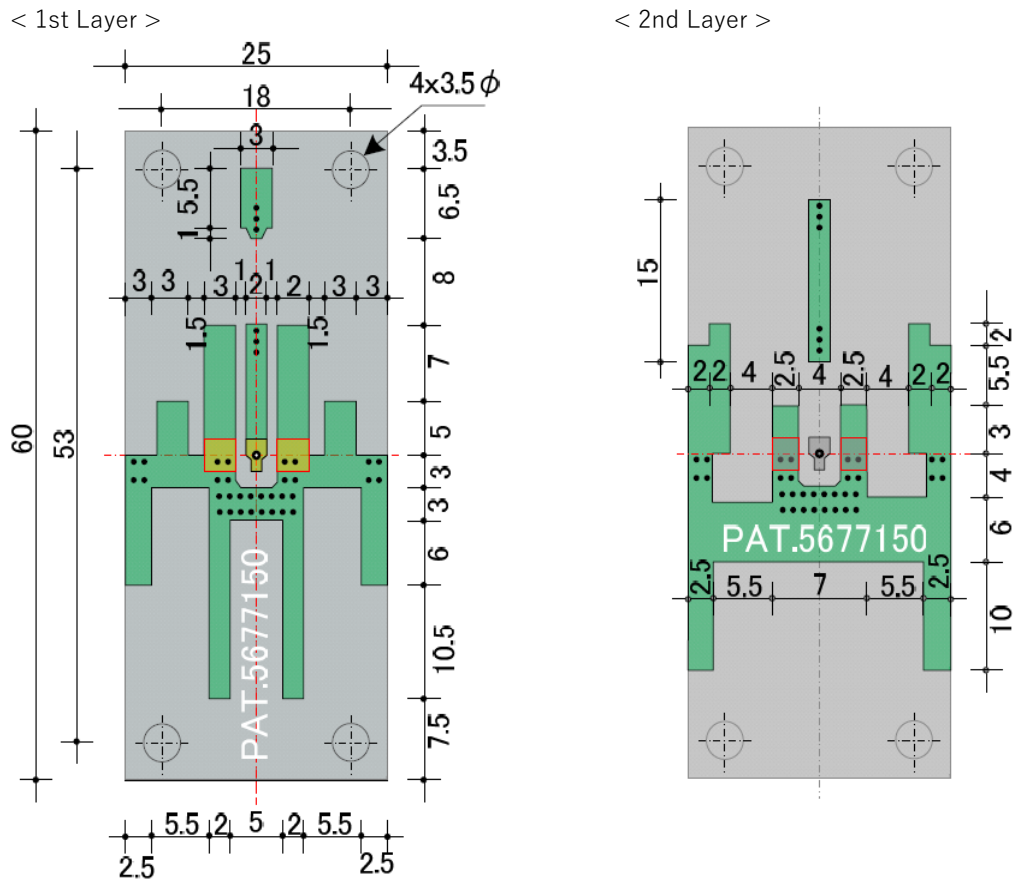
❑ Antenna Gain

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 _{XY}	+6.2	+6.4	+5.5
2	H _{XY}	-12.6	-10.1	-7.0
3	V _{YZ}	-11.5	-10.9	-11.2
4	H _{YZ}	+3.9	+4.1	+3.6
5	V _{ZX}	< -20	< -20	< -20
6	H _{ZX}	+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 _{XY}	-6.7	-7.3	-5.4	-4.6	-4.6	-3.9	-4.3
2	H _{XY}	-2.7	-2.1	-0.9	± 0.0	+0.6	+0.9	+0.9
3	V _{YZ}	< -20	< -20	< -20	< -20	< -20	< -20	< -20
4	H _{YZ}	+1.9	+0.2	-2.2	-2.5	-3.1	-2.7	-3.0
5	V _{ZX}	-6.8	-7.3	-9.7	-10.1	-10.5	-10.3	-11.4
6	H _{ZX}	+1.6	+0.8	-0.3	-0.2	-0.7	-0.4	-1.3

PCB Drawing



External View

