

**FIT Hon Teng Limited**  
鴻騰六零八八精密科技股份有限公司

# Outdoor camera Evaluation

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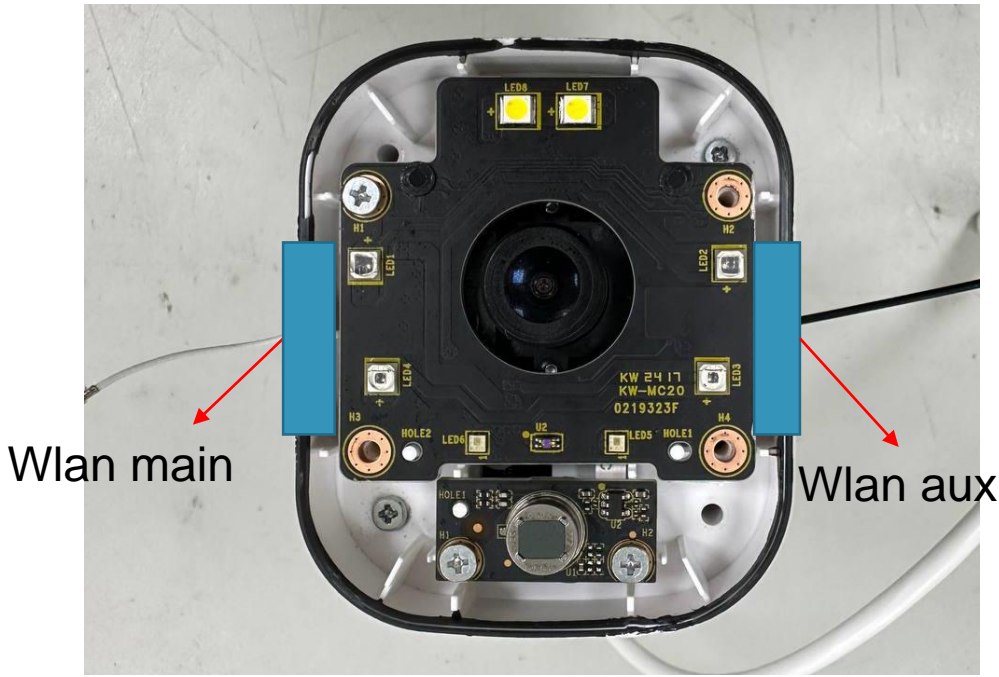
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# Antenna Specification

Antenna Electrical Properties		
	Wlan-Main	Wlan-Aux
Part No.	ANTP2M1-CZZ27-EH	ANTP2M1-CZZ28-EH
Antenna Type	PIFA	PIFA
Frequency Range	2.4+5GHz	2.4+5GHz
Efficiency(%)	30%	30%
Peak Gain(dBi)	4	4
Average Gain(dB)	-5	-5
VSWR	3.5	3.5
Polarization	Liner	
Impedance	50Ω	

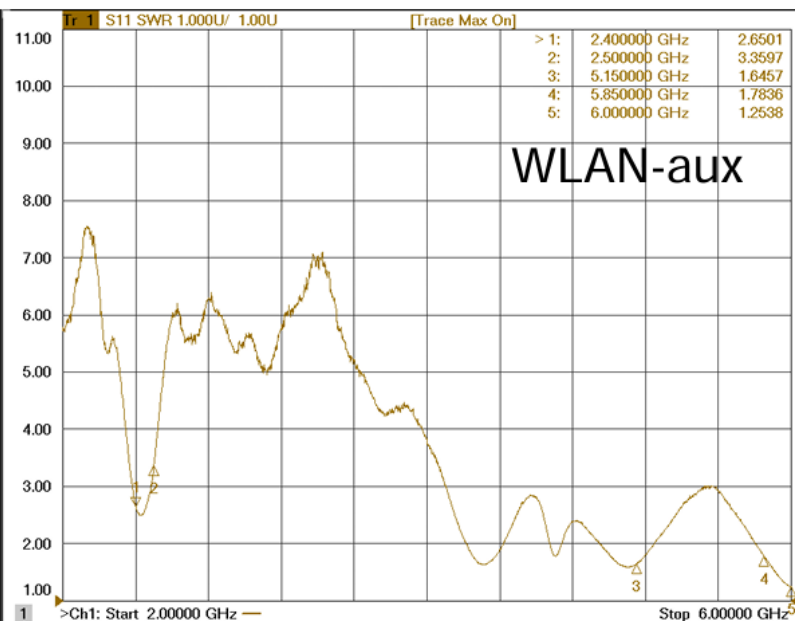
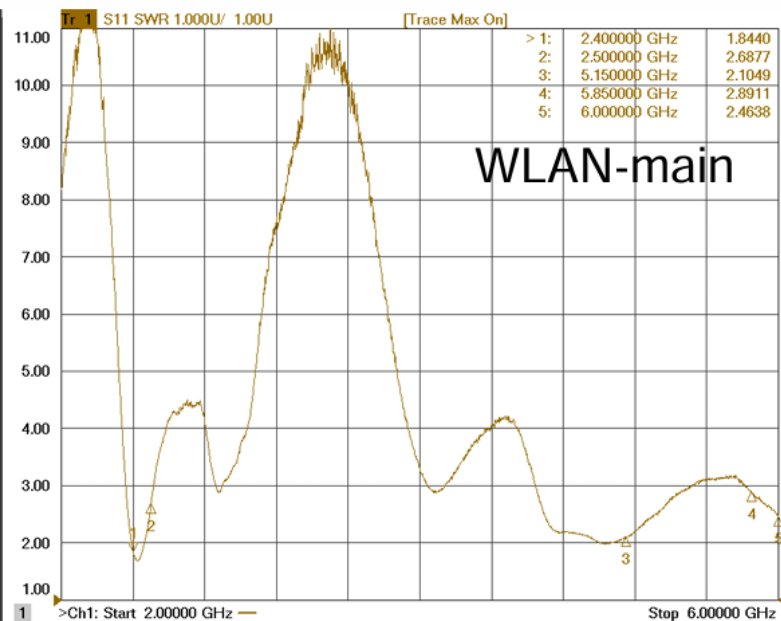
# Antenna Model



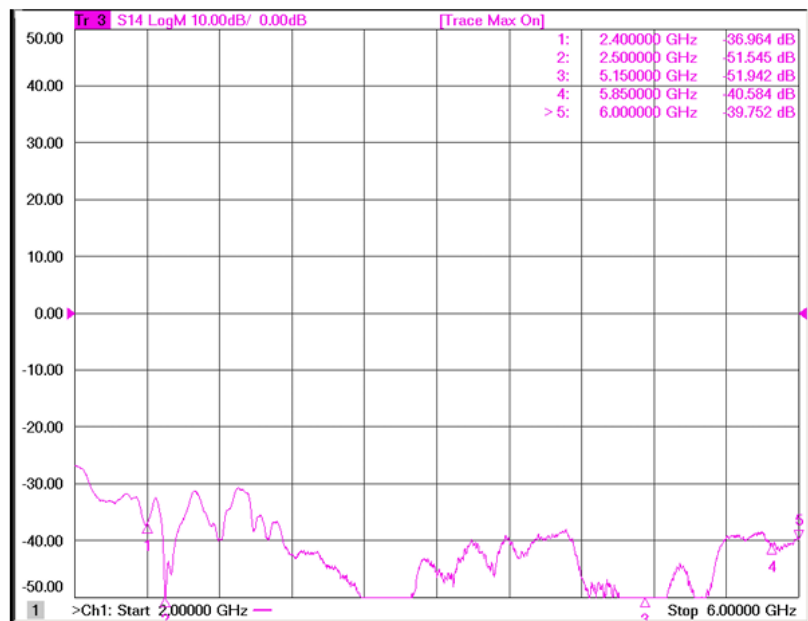
# Antenna Performance

# Antenna Test Result

## VSWR



## Isolation



## Efficiency

WLAN-main

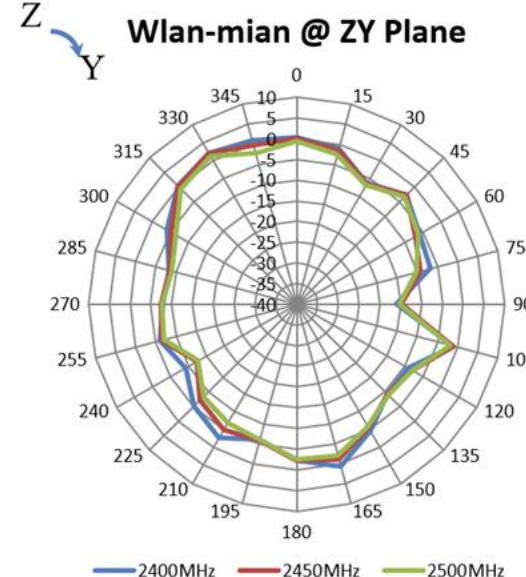
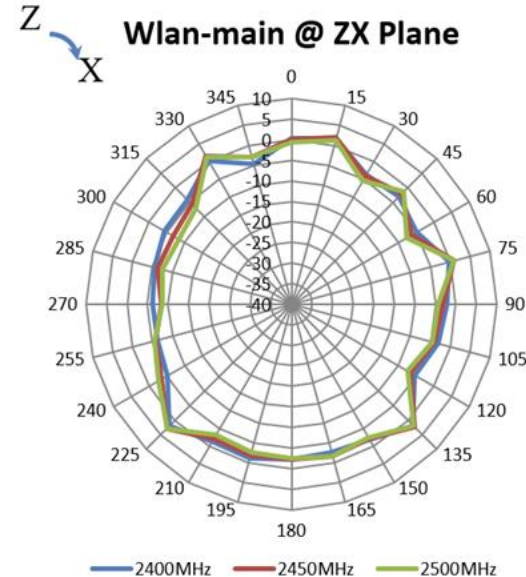
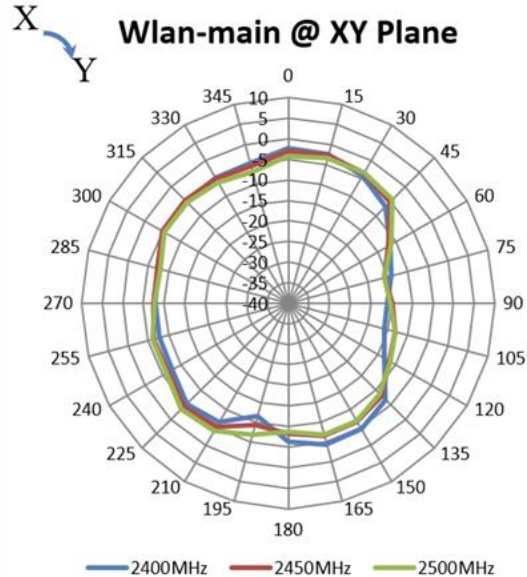
Frequency	2400	2450	2500	5150	5250	5350	5470	5600	5725	5785	5850
Peak Gain (dBi)	3.06	3.35	3.24	3.45	3.67	3.32	3.90	3.39	3.33	3.55	3.17
Efficiency (%)	45.93	44.70	40.69	51.08	51.03	47.71	47.50	46.95	41.69	42.13	44.42
Average Gain (dB)	-3.38	-3.50	-3.90	-2.92	-2.92	-3.21	-3.23	-3.28	-3.80	-3.75	-3.52

WLAN-aux

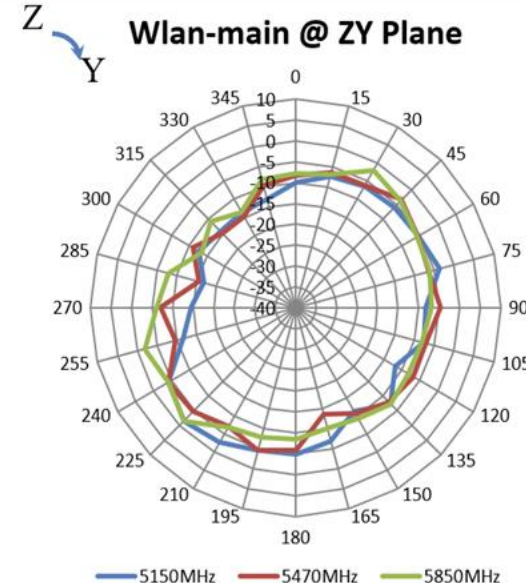
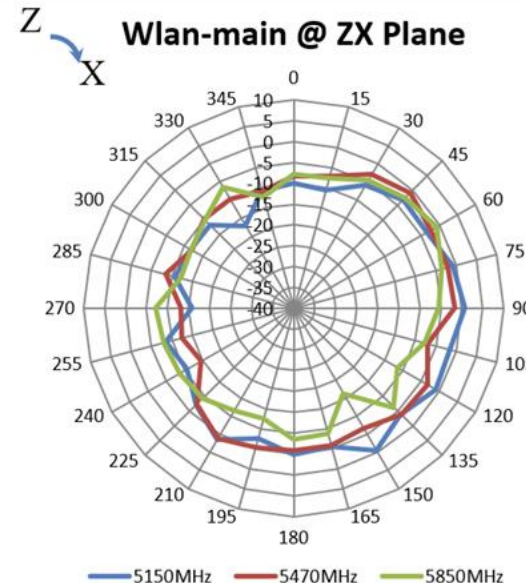
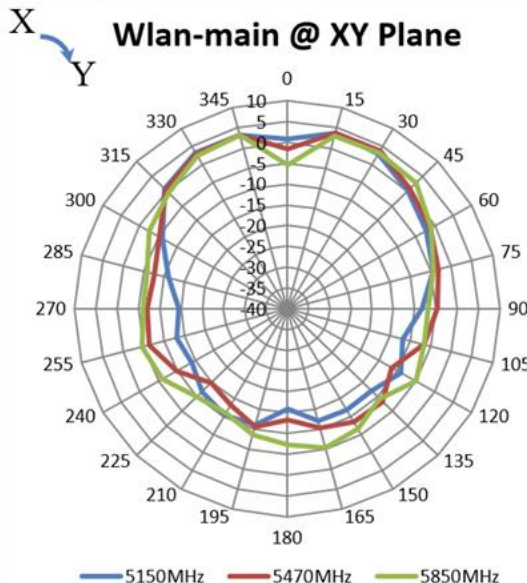
Frequency	2400	2450	2500	5150	5250	5350	5470	5600	5725	5785	5850
Peak Gain (dBi)	3.63	3.27	2.00	3.36	3.61	3.80	3.94	3.07	3.37	3.07	3.91
Efficiency (%)	39.95	39.24	34.94	55.96	54.45	48.67	45.62	46.09	45.29	50.31	54.93
Average Gain (dB)	-3.98	-4.06	-4.57	-2.52	-2.64	-3.13	-3.41	-3.36	-3.44	-2.98	-2.60

# Antenna Test Result\_Wlan main

## Radiation pattern(2400 ~ 2500MHz)

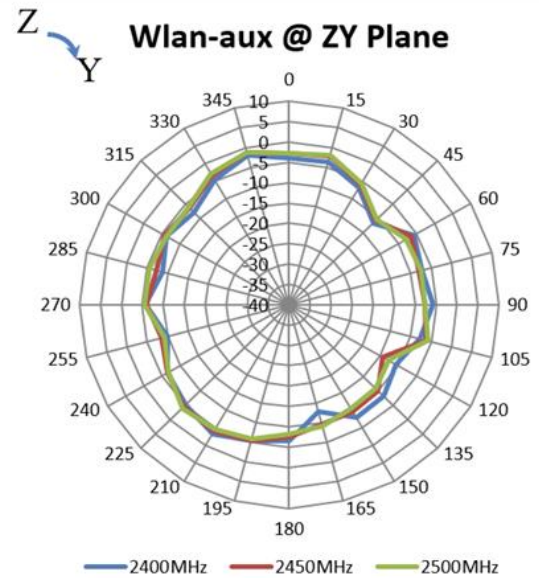
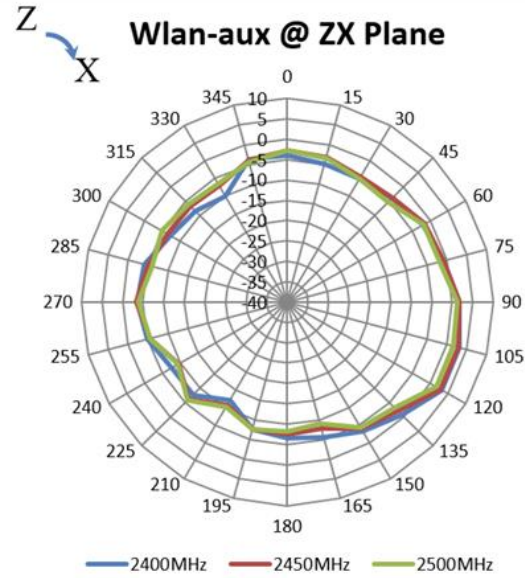
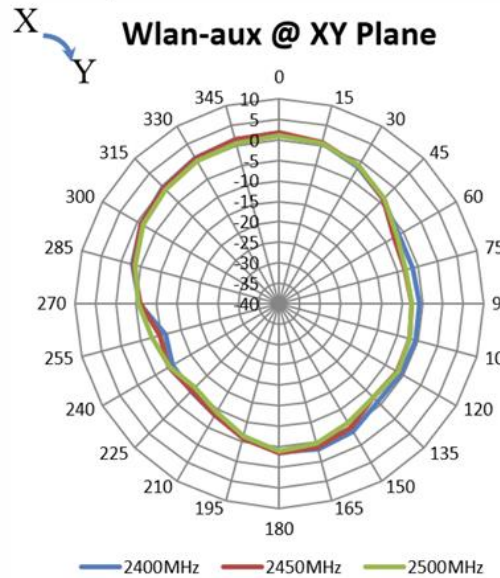


## Radiation pattern(5150 ~ 5850MHz)

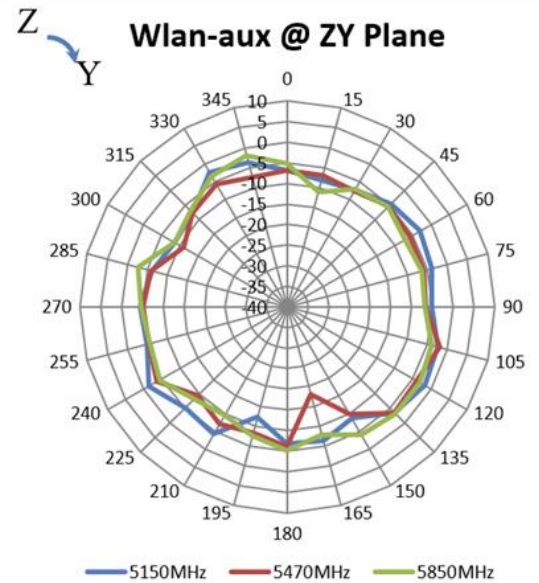
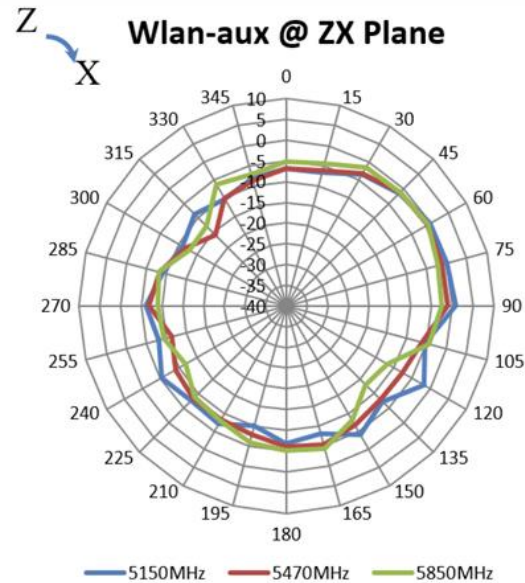
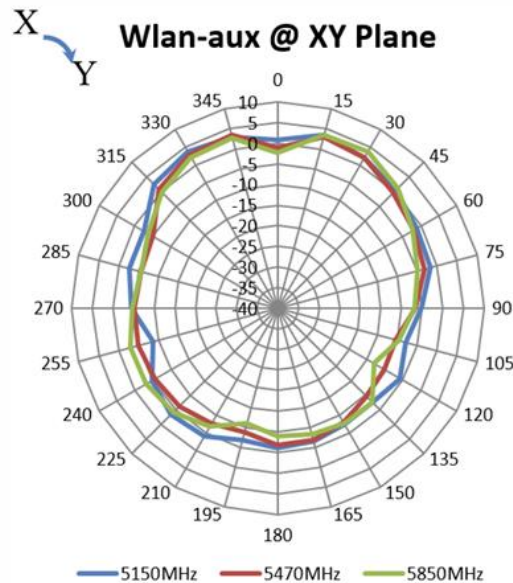


# Antenna Test Result\_Wlan aux

## Radiation pattern(2400 ~ 2500MHz)



## Radiation pattern(5150 ~ 5850MHz)



# Thank you



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Foxconn Interconnect Technology Limited (Incorporated in the Cayman Islands and carrying on business in Hong Kong as FIT Hon Teng Limited)

鴻騰精密科技股份有限公司 (於開曼群島成立，並以鴻騰六零八八精密科技股份有限公司於香港經營業務)