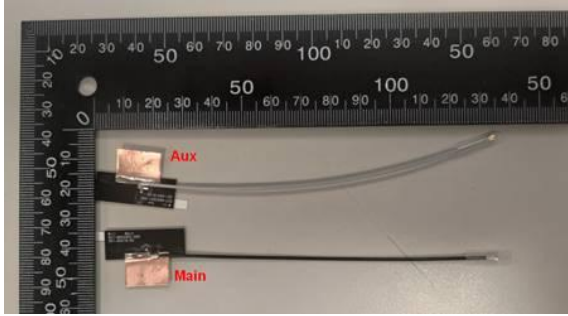


Antenna Report

Antenna model	OS7-ND62002-000 OS7-ND62001-000
Antenna Material	FR4 PCB
Antenna Information	
Frequency range	As below table
VSWR	≤ 10
Isolation	≤ 20
Gain	$5 \pm 0.5 \text{ dB}$
Efficiency	$> 60\%$
Impedance	50 Ohm Nominal
Return Loss	-10 dB Max
Radiation	Omni-directional
Manufacturer	Taiwan Anjie Electronic Co., Ltd
Address	1F, No.236, Sec. 3, Huanbei Rd., Jubei City, Hsinchu County, 30265, Taiwan

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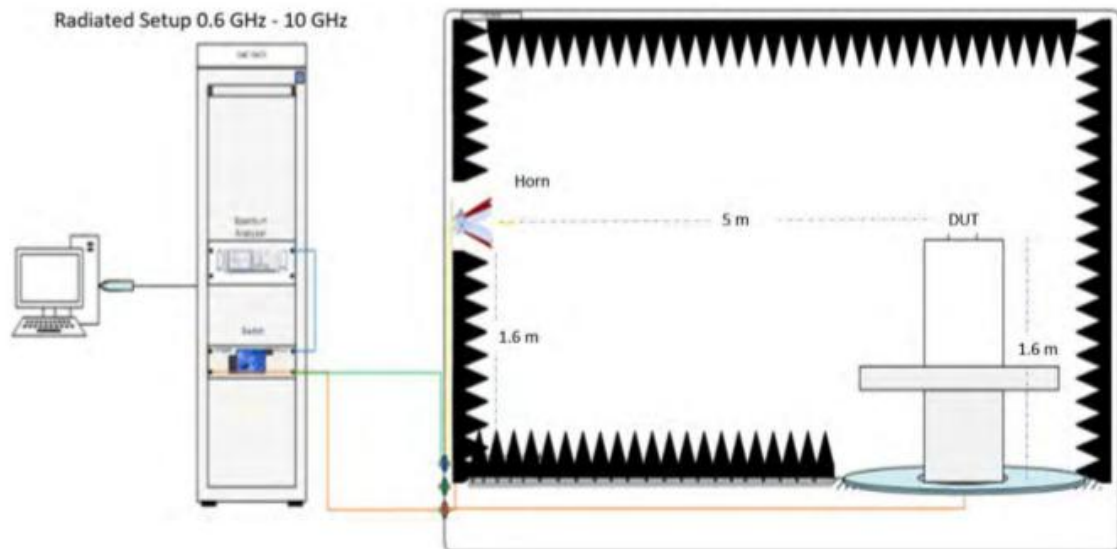
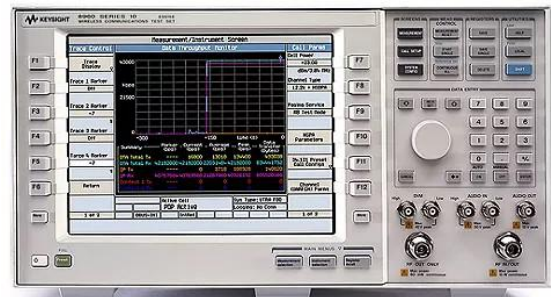
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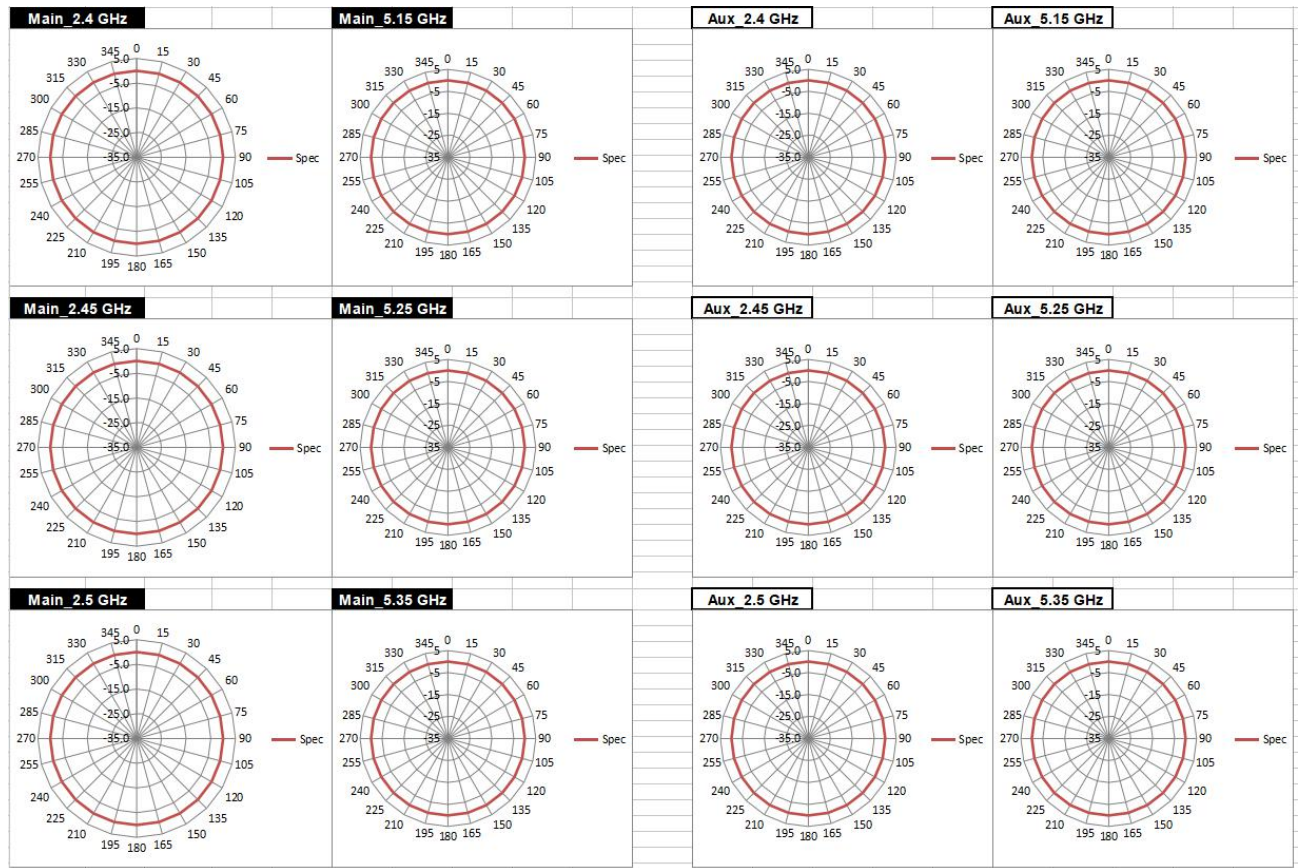
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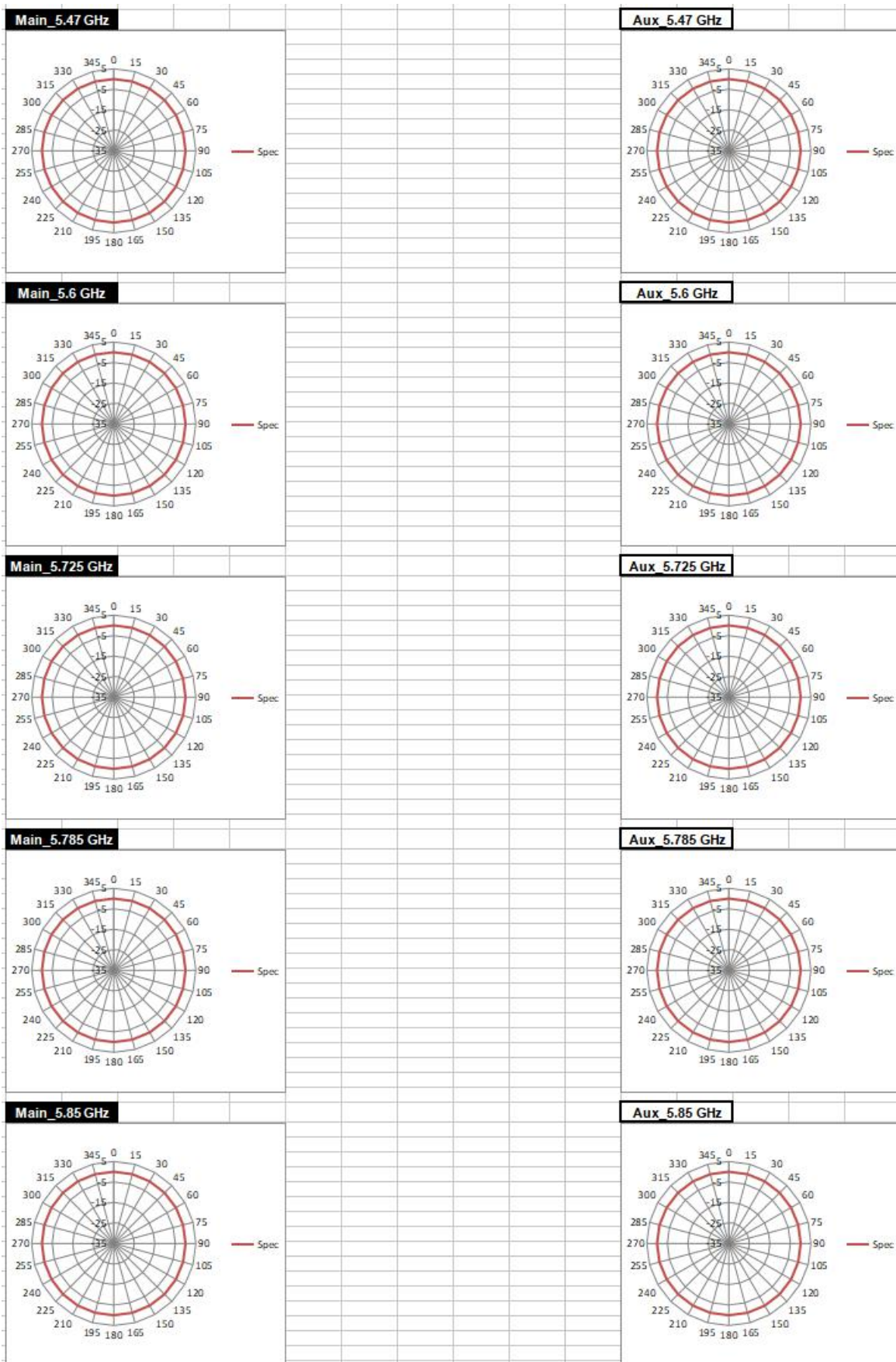
1. Parameter Test



2. Test Data

WLAN Antenna Peak Gain spec.				Measured Data	
Wi-Fi_6E		Freq	Peak Gain (dBi)		Peak Gain (dBi)
		(MHz)	Main	Aux	Main Aux
WLAN	802.11 b/g	2400	3.00	3.00	2.50 2.65
		2450	3.00	3.00	2.90 2.50
		2500	3.00	3.00	2.70 2.30
	802.11a / ac	5150	3.64	3.64	2.13 1.71
		5250	3.64	3.64	2.87 1.98
		5350	3.73	3.73	3.40 2.00
		5470	4.77	4.77	3.80 4.01
		5600	4.77	4.77	2.98 3.73
		5650	4.77	4.77	2.88 3.78
		5725	4.77	4.77	2.77 3.87
		5785	4.97	4.97	3.80 4.90
		5850	4.97	4.97	3.19 4.49
	WIFI_6E	5865	4.83	4.83	1.80 3.45
		5885	4.83	4.83	1.24 3.26
		5905	4.83	4.83	1.58 3.13
		5925	4.83	4.83	1.40 2.89
		6000	4.83	4.83	1.08 3.33
		6125	4.83	4.83	0.61 2.17
		6225	4.83	4.83	(0.03) 1.97
		6325	4.83	4.83	0.50 3.05
		6425	4.83	4.83	(0.60) 2.76
		6525	4.30	4.30	(1.70) 3.10
		6625	5.00	5.00	(0.57) 2.71
		6725	5.00	5.00	(0.62) 2.51
		6875	5.00	5.00	0.77 2.66
		6925	5.00	5.00	0.62 2.21
		7000	5.00	5.00	1.22 1.68
		7125	5.00	5.00	2.22 1.64





3. EUT Photo and test setup

Please see the appendix file 'Antenna Test Setup Photos'.

----- The End -----