



WNC

Antenna Report

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2025/12/29

WNC Wistron NeWeb Corp.

☐ Normal ☐ Internal Use ☒ Confidential ☐ Restricted Confidential

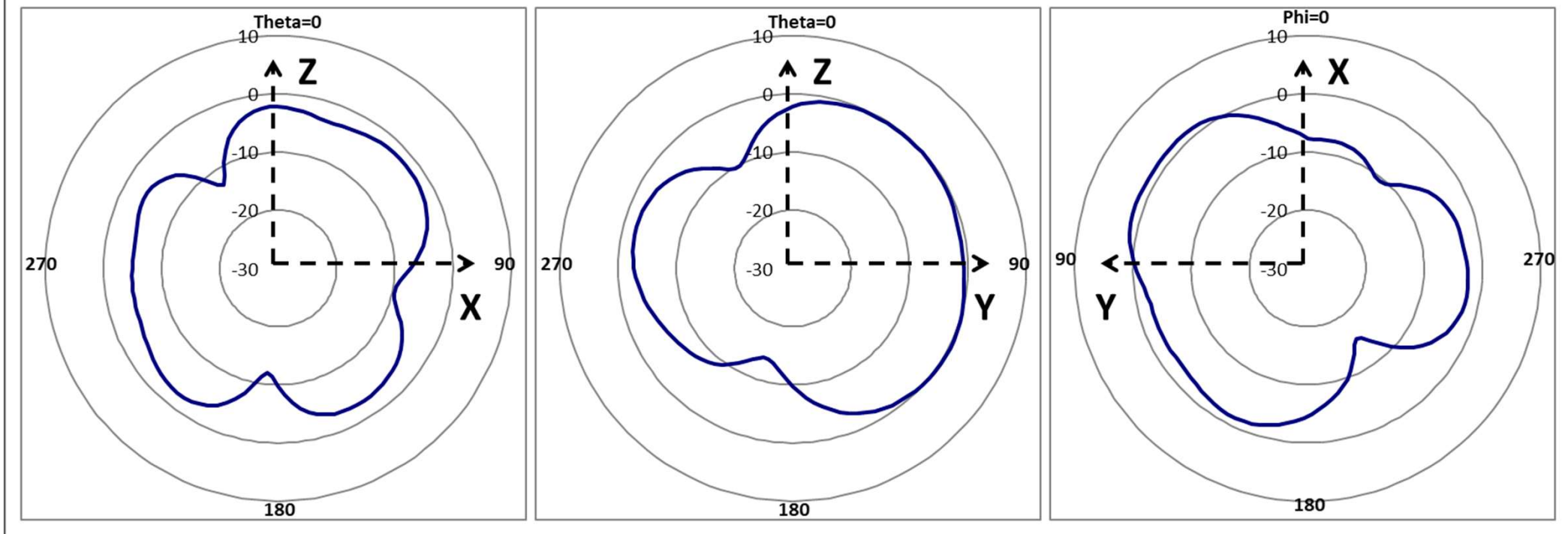
Performance Table

Frequency(MHz)		2412	2450	2484	5150	5500	5850	5925	6525	7125
Wi-Fi L	Efficiency (%)	60%	57%	56%	54%	50%	52%	50%	53%	47%
	Avg. Gain (dB)	-2.22	-2.42	-2.54	-2.68	-2.98	-2.81	-3.02	-2.76	-3.25
	Peak Gain (dBi)	2.73	3.36	3.81	2.92	3.08	3.48	2.90	3.30	2.92
Wi-Fi R	Efficiency (%)	50%	47%	51%	56%	51%	51%	52%	49%	47%
	Avg. Gain (dB)	-3.01	-3.25	-2.93	-2.51	-2.89	-2.92	-2.83	-3.09	-3.30
	Peak Gain (dBi)	3.95	3.77	4.27	3.64	2.81	3.45	2.95	3.36	4.86
BT	Efficiency (%)	33%	32%	29%						
	Avg. Gain (dB)	-4.82	-4.95	-5.33						
	Peak Gain (dBi)	2.30	1.62	0.77						

Radiation Pattern – Wi-Fi L @ 2.45GHz

2450 MHz Radiation Pattern

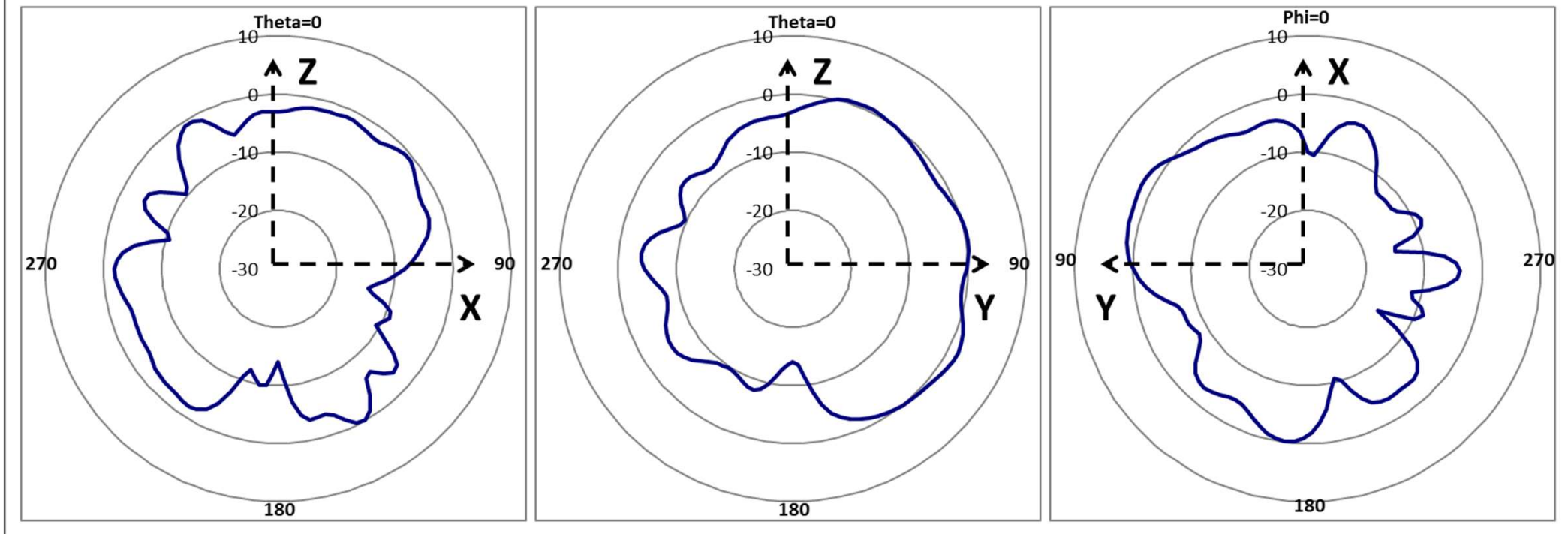
— WiFi_L



Radiation Pattern – Wi-Fi L @ 5.5GHz

5500 MHz Radiation Pattern

— WiFi_L

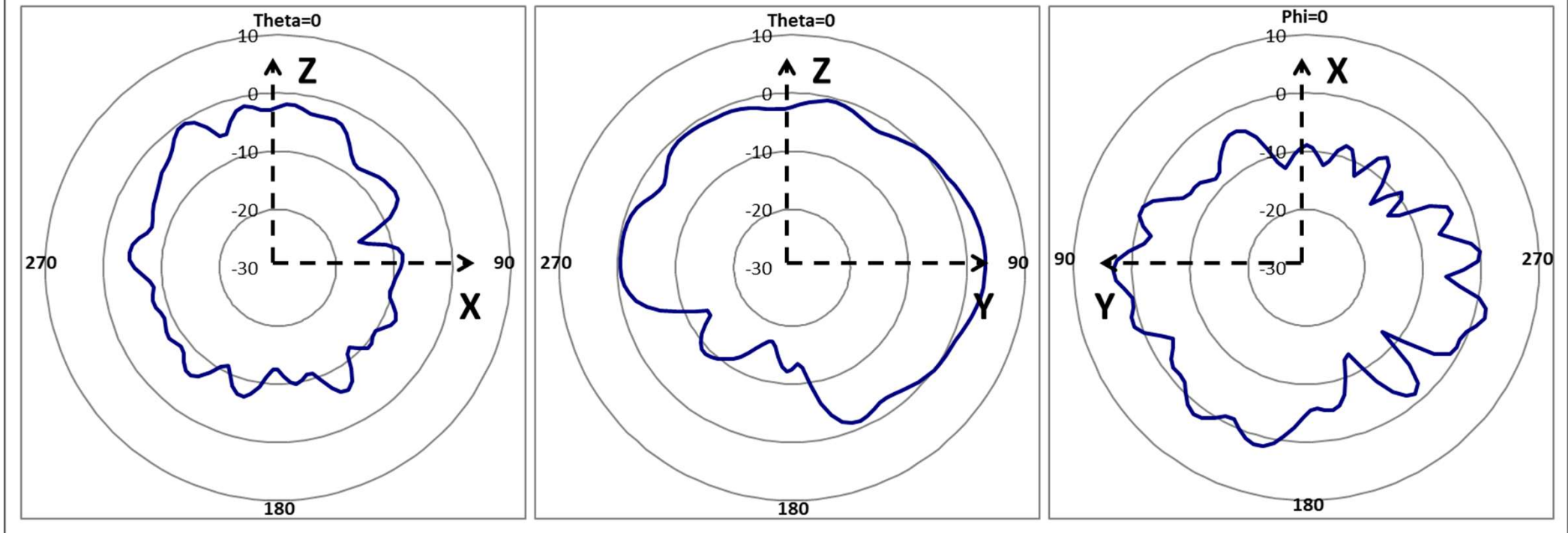


Radiation Pattern – Wi-Fi L @ 6.535GHz

6525 MHz

Radiation Pattern

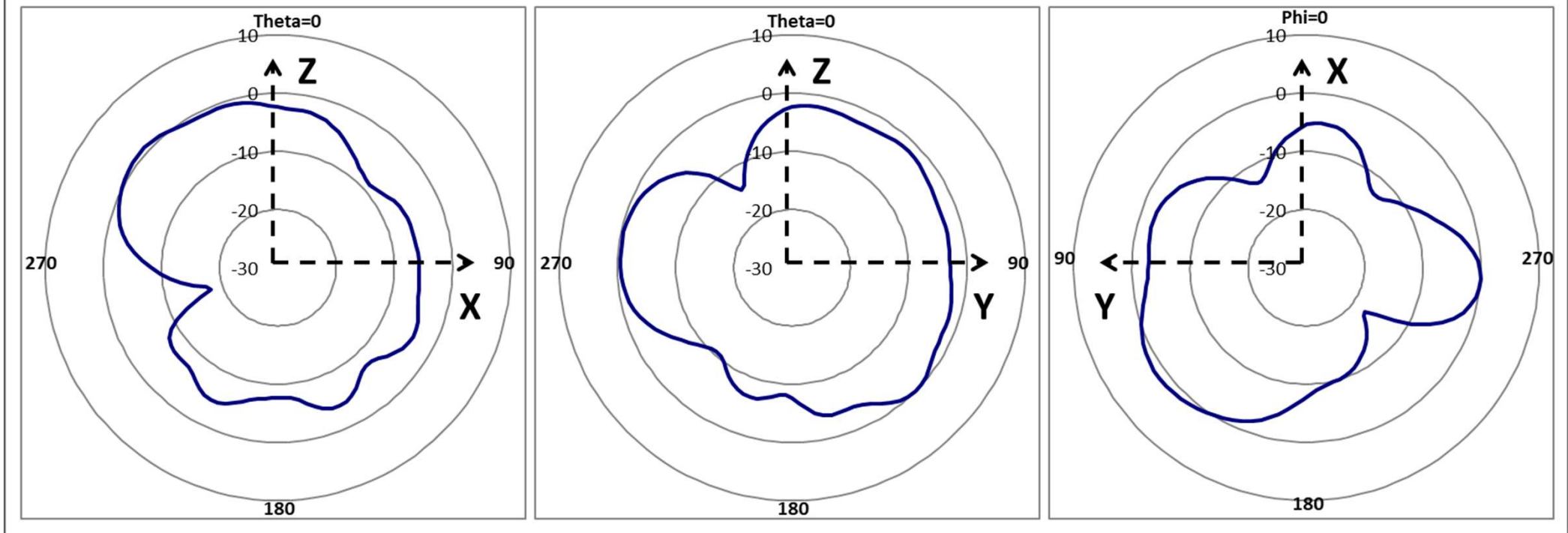
— WiFi_L



Radiation Pattern – Wi-Fi R @ 2.45GHz

2450 MHz Radiation Pattern

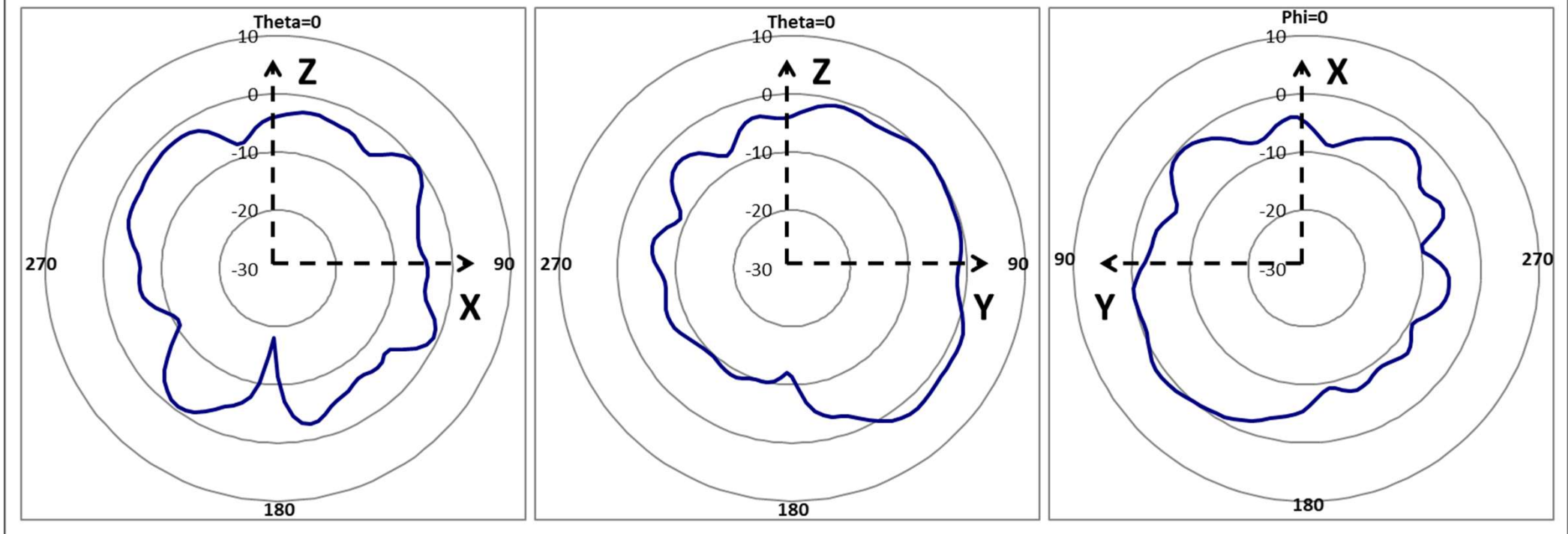
— WiFi_R



Radiation Pattern – Wi-Fi R @ 5.5GHz

5500 MHz Radiation Pattern

— WiFi_R

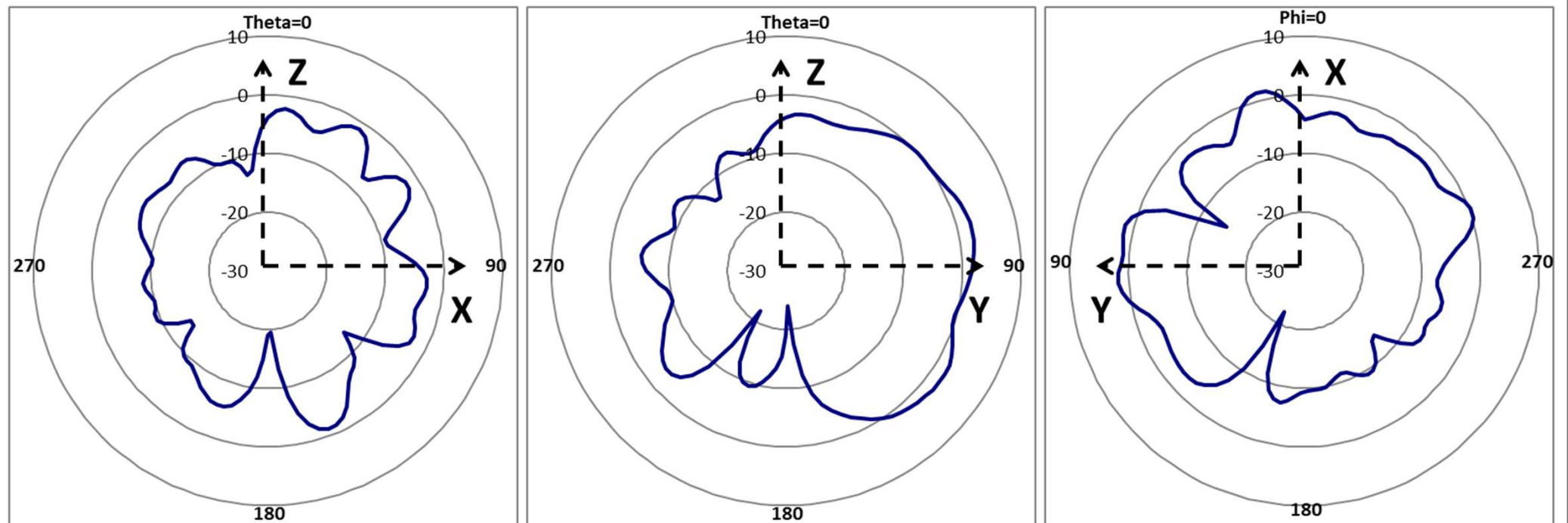


Radiation Pattern – Wi-Fi R @ 6.535GHz

6525 MHz

Radiation Pattern

— WiFi_R

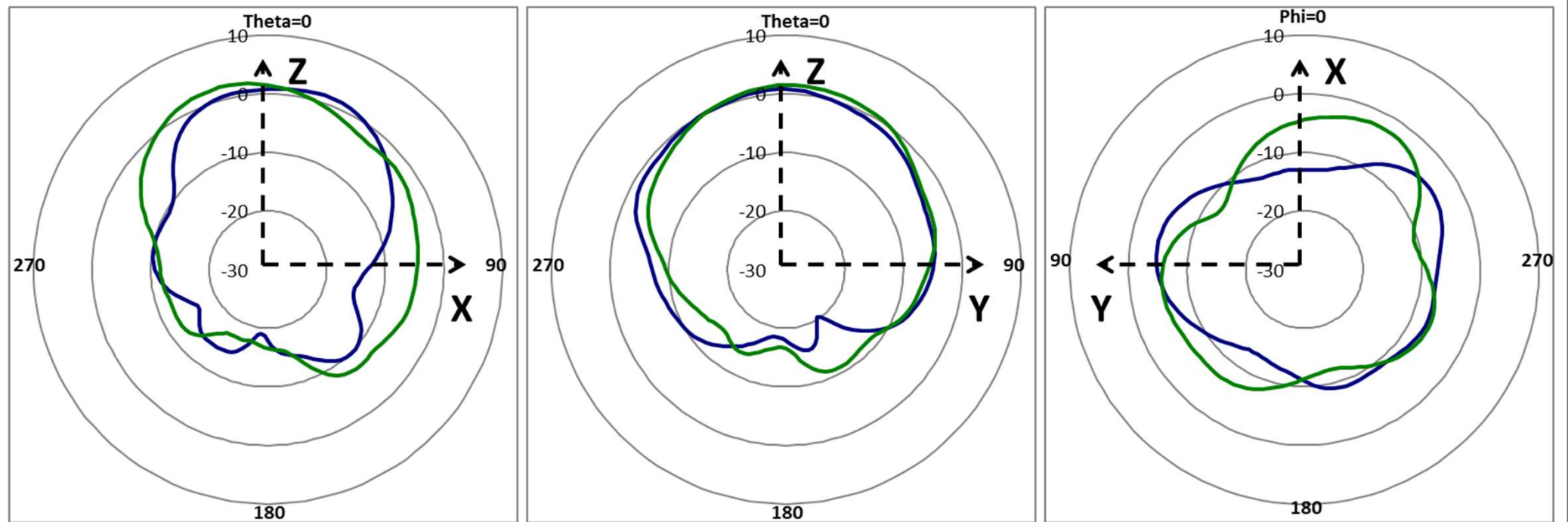


Radiation Pattern – BT @ 2.412GHz

2412 MHz

Radiation Pattern

— BT_DTA Fan
— BT_HYM Fan

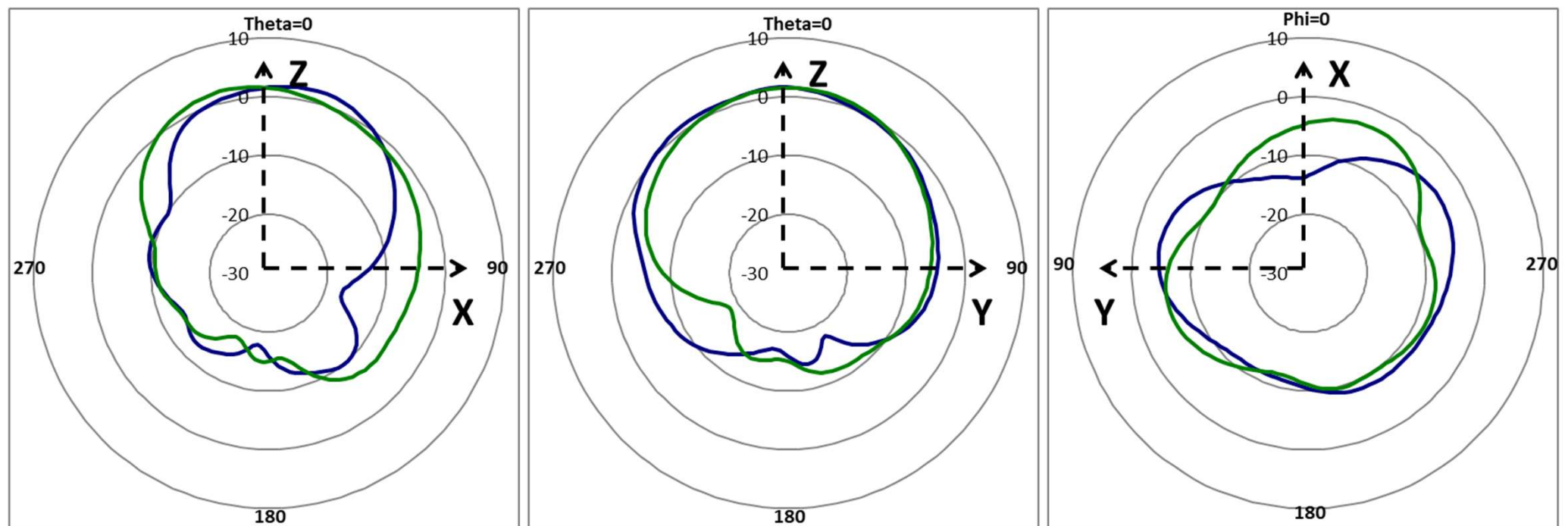


Radiation Pattern – BT @ 2.442GHz

2442 MHz

Radiation Pattern

— BT_DTA Fan
— BT_HYM Fan

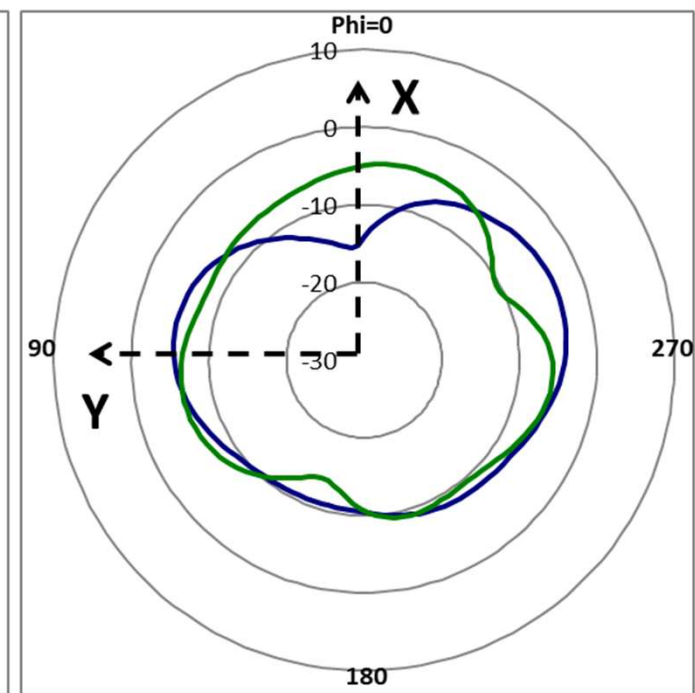
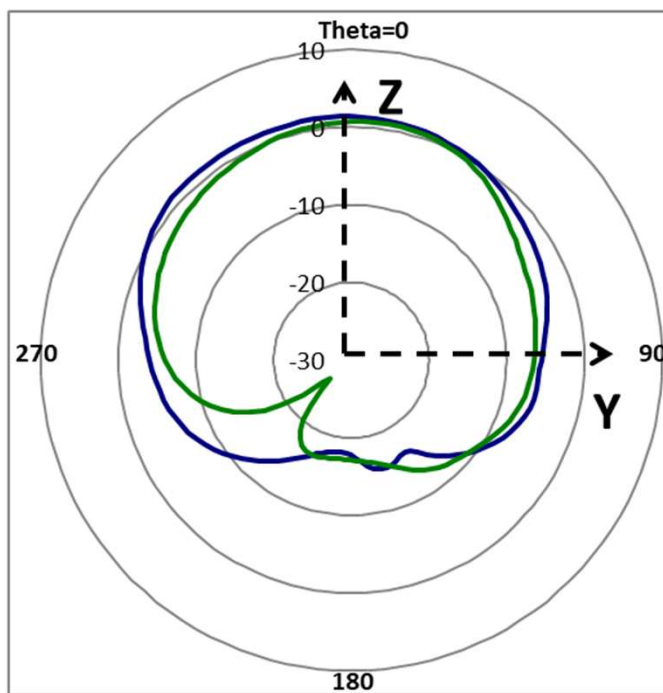
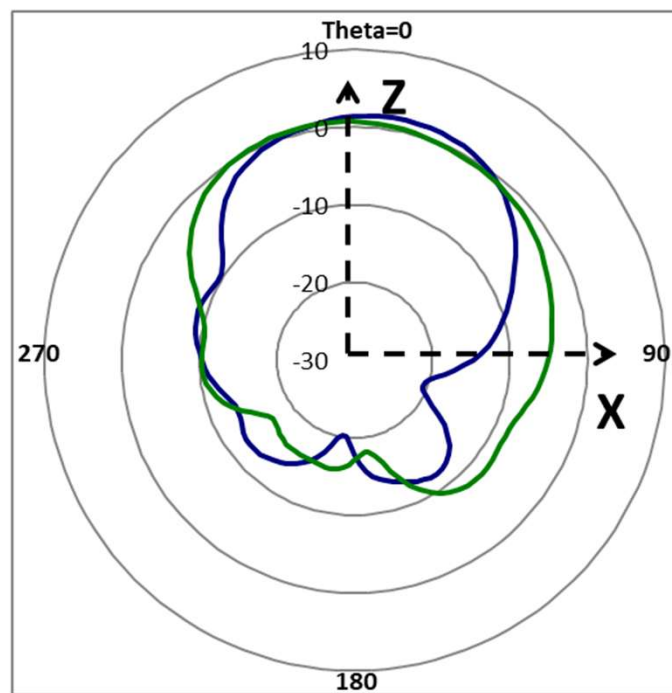


Radiation Pattern – BT @ 2.484GHz

2484 MHz

Radiation Pattern

— BT_DTA Fan
— BT_HYM Fan



The background of the slide features a low-angle shot of a modern, multi-story office building with a glass facade. The building is partially obscured by bright green leaves in the foreground on the left. The sky is clear and blue. The WNC logo is superimposed on the upper left portion of the image.

WNC

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Thank You!