



Antenna Isotropic Peak Gain Pattern HUB Lie

DOCUMENT NUMBER:

TG20240611-1

ISSUE LEVEL:

01

Antenna gain

Test equipment used:

Category	Mark	Type	Calibration due date
Anechoic Test Site	Sensata		
Spectrum analyser	ANRITSU	MS2830A	20/09/2023
Coaxial cable		RG214U 50 Ohm 11m	
Open Boundary Quad-Ridged Horns antenna	ETS Lindgren	3164-06	

Conditions:

The test is performed in anechoic test site. The EUT is placed on a rotating table in continuous wave (CW).



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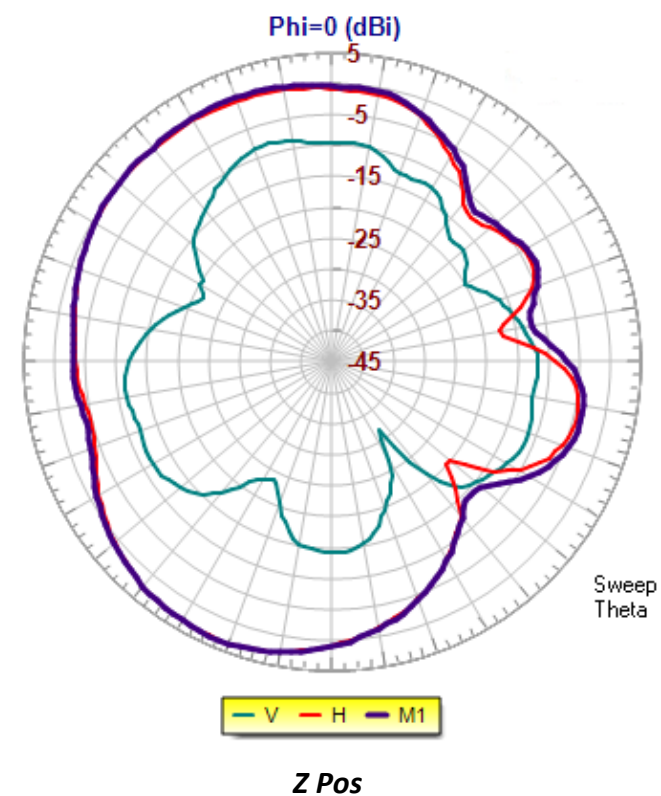
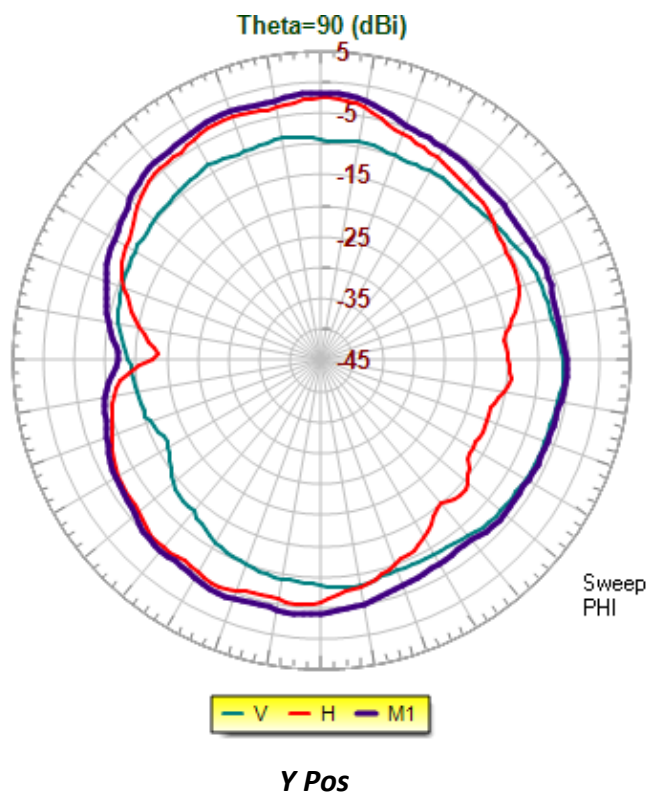
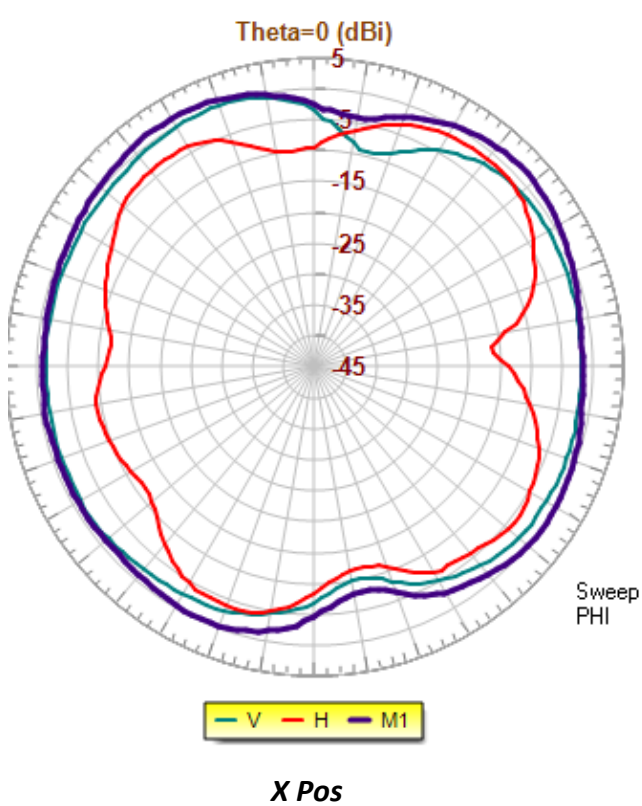
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Peak antenna gain 3.8dBi **WiFi PIFA Meander Trace antenna**





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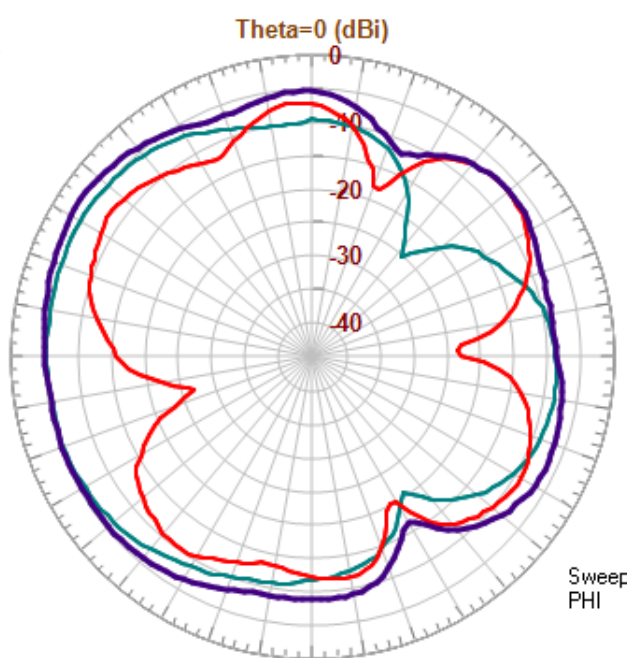
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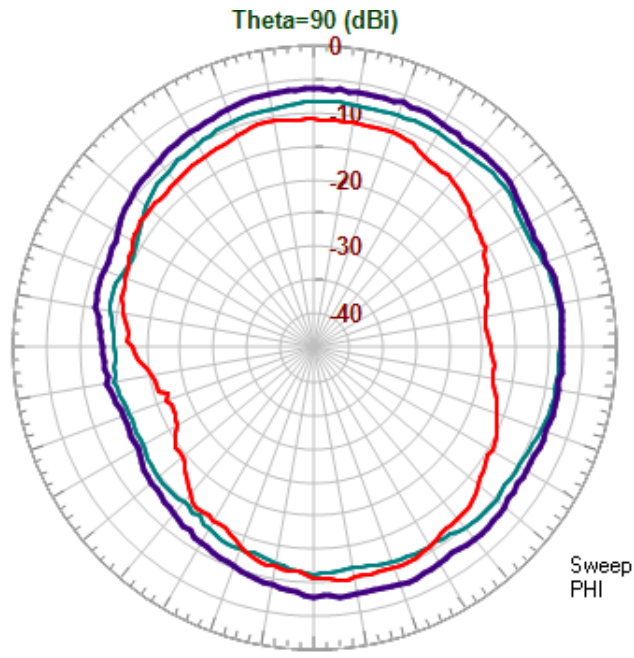
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Peak antenna gain -1.9dBi **WiFi Internal Loop Trace antenna**



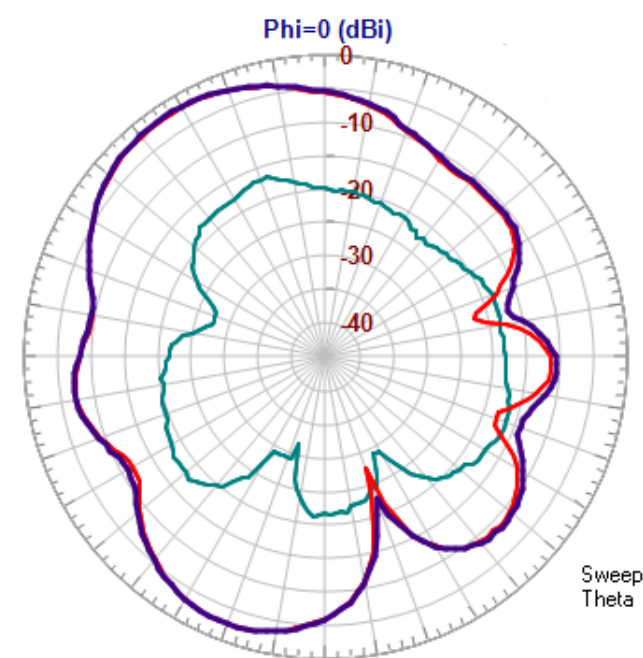
V H M1

X Pos



V H M1

Y Pos



V H M1

Z Pos