

Antenna Gain and Pattern measurement Report

Model Name: PROSIXMED

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Test Report Revision History				
Revision	Prepared By	Reviewed and Approved By:	Revision Detail	Release Date
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1. Test Methodology

The 3D Passive antenna pattern is measured using Two-Axis Dual-Polarization Pattern Measurement setup, with the step size for both axes to 15° and the axis measurement mode set to "stepped".

2. Test and Measurement Equipment

Description	Manufacturer	Model	Serial No.	Calibration Date
Vector Network Analyzer	Anritsu	MS46522B	1903101	08/03/2026
OTA Test Chamber	ETS-Lindgren	AMS8050		09/04/2026
OTA Test Software	ETS-Lindgren	EMQuest V1.16 Build 24230		

3. Device Under Test Information

- Model name: PROSIXMED
- Test Frequency (MHz): 2405, 2445, 2475
- Antenna type: Printed PCB antenna
 - Only one antenna on the device

4. Result Summary

PROSIXMED Antenna	Frequency		
	2405 MHz	2445 MHz	2475 MHz
Efficiency (dB)	-5.05	-4.48	-4.23
Efficiency (%)	31.25	35.64	37.79
Gain (dBi)	-0.59	-0.18	-0.10

5. Plots

5.1 2405 MHz 3D Passive

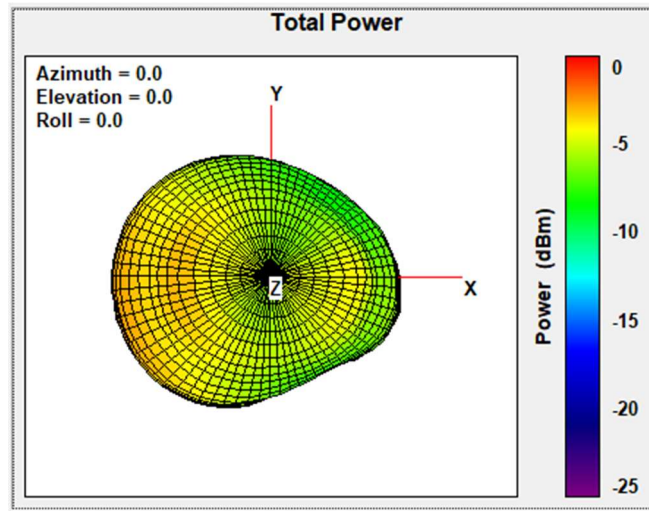


Figure 1. PROSIXMED 2405 MHz Front View

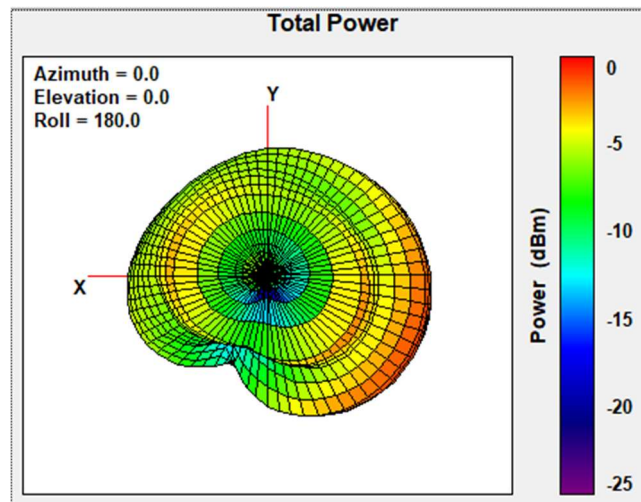


Figure 2. PROSIXMED 2405 MHz Back View

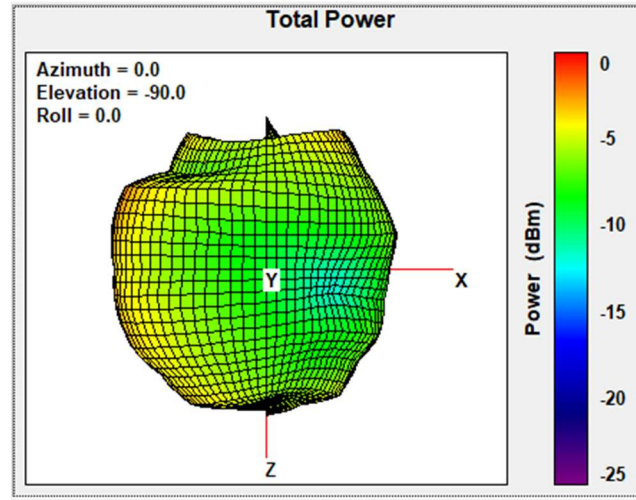


Figure 3. PROSIXMED 2405 MHz Top View

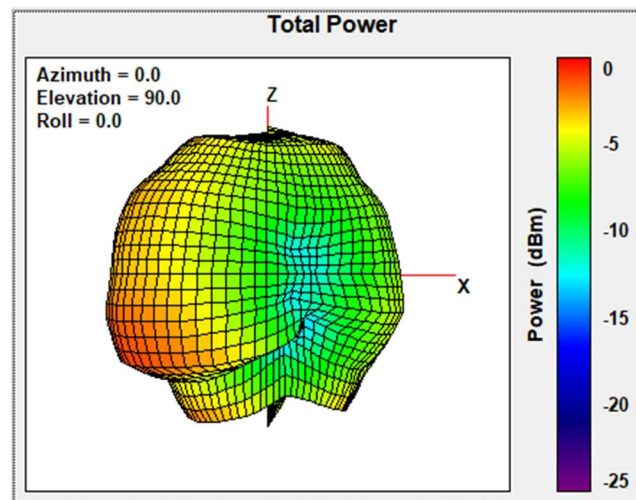


Figure 4. PROSIXMED 2405 MHz Bottom View

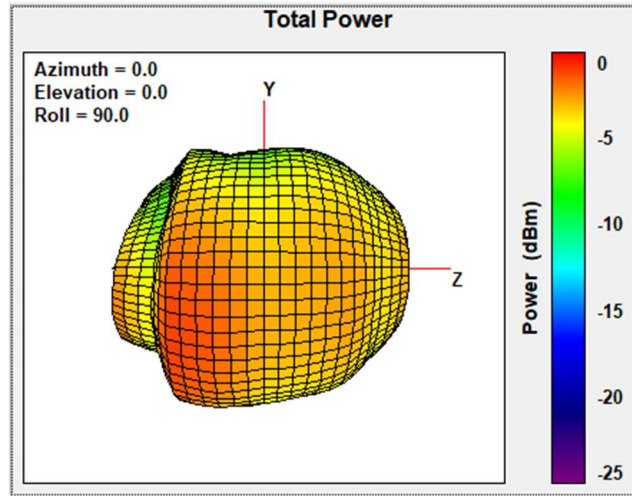


Figure 5. PROSIXMED 2405 MHz Left Side View

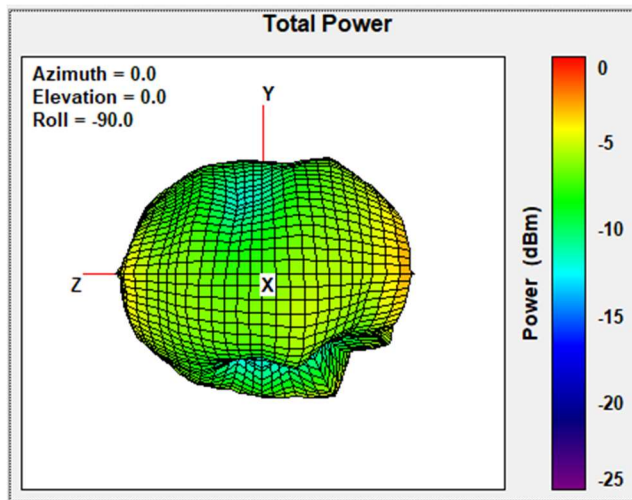


Figure 6. PROSIXMED 2405 MHz Right Side View

5.2 2445 MHz 3D Passive

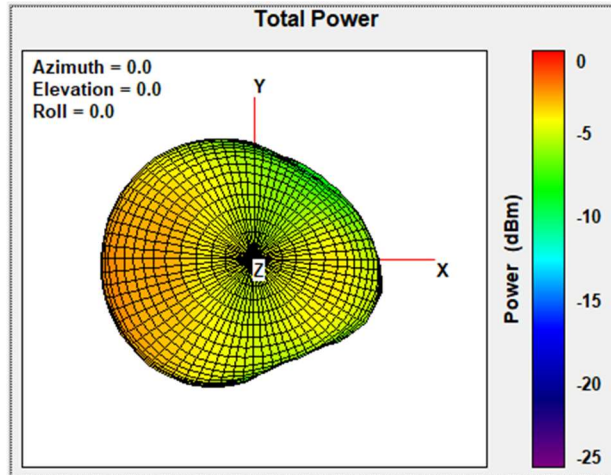


Figure 7. PROSIXMED 2445 MHz Front View

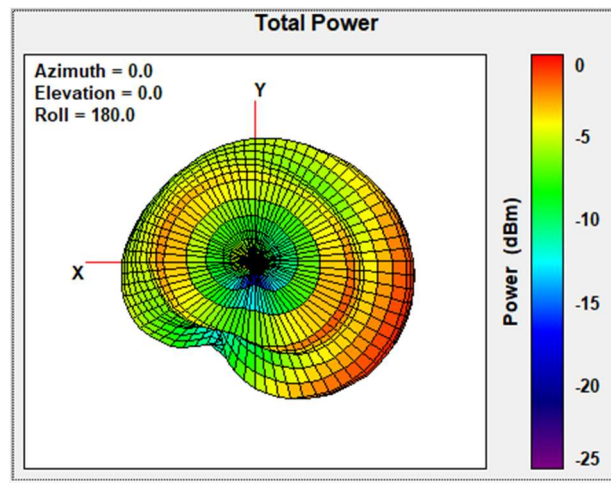


Figure 8. PROSIXMED 2445 MHz Back View

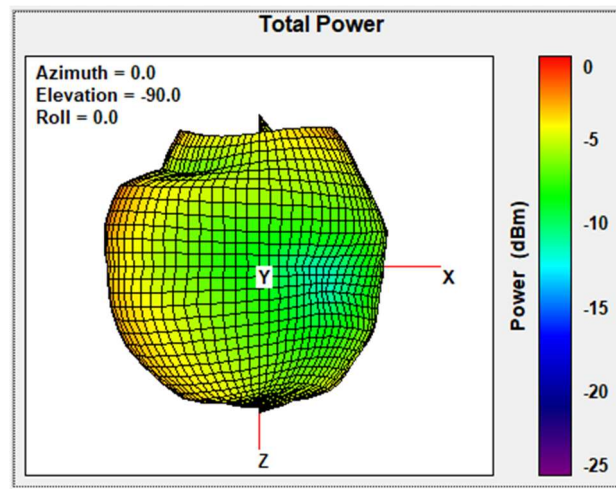


Figure 9. PROSIXMED 2445 MHz Top View

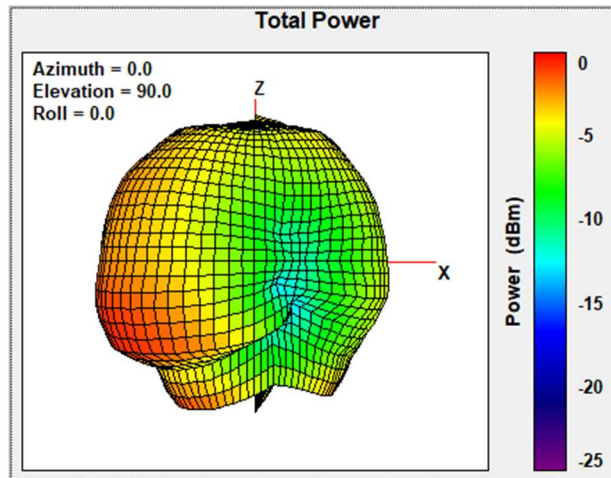


Figure 10. PROSIXMED 2445 MHz Bottom View

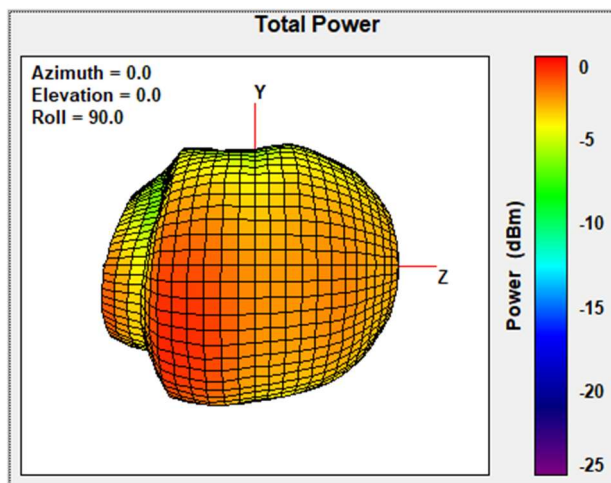


Figure 11. PROSIXMED 2445 MHz Left View

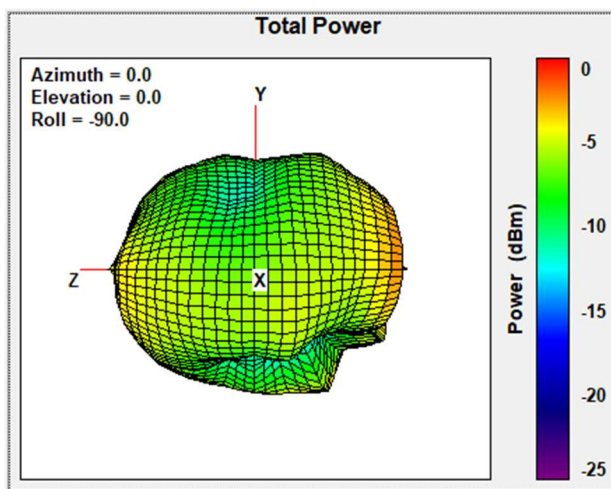


Figure 12. PROSIXMED 2445 MHz Right View

5.3 2475 MHz 3D Passive

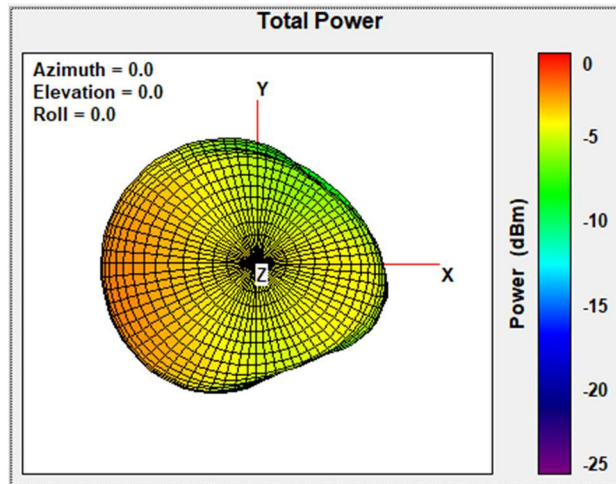


Figure 13. PROSIXMED 2475 MHz Front View

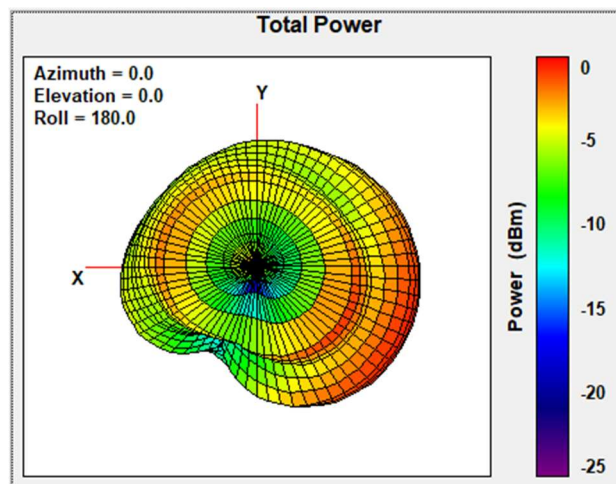


Figure 14. PROSIXMED 2475 MHz Back View

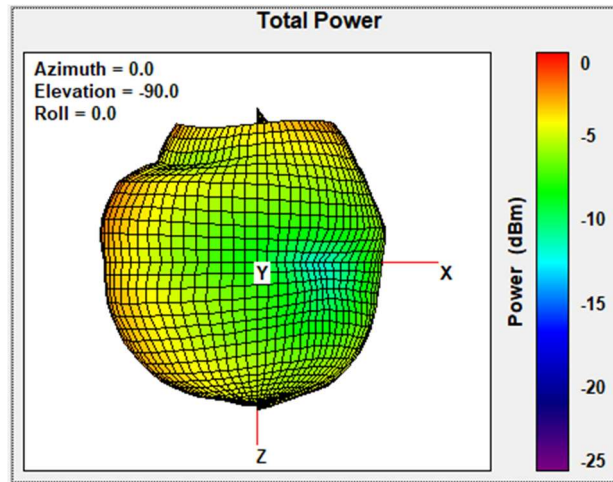


Figure 15. PROSIXMED 2475 MHz Top View

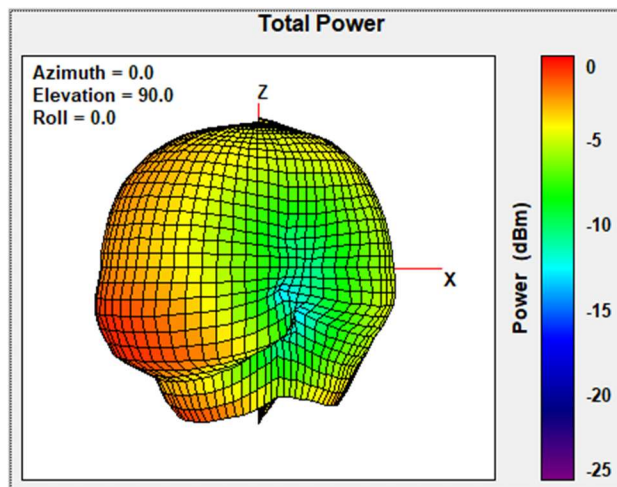


Figure 16. PROSIXMED 2475 MHz Bottom View

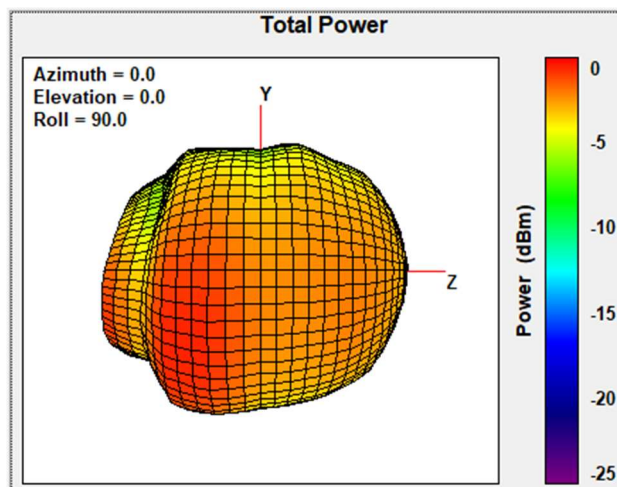


Figure 17. PROSIXMED 2475 MHz Left View

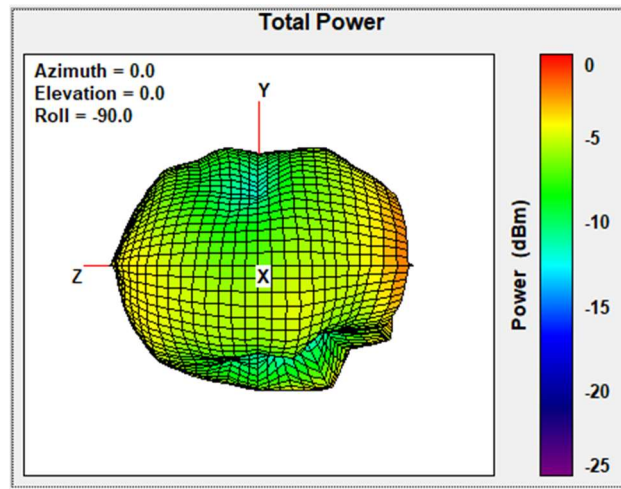


Figure 18. PROSIXMED 2475 MHz Right View

6. Test Setup

