

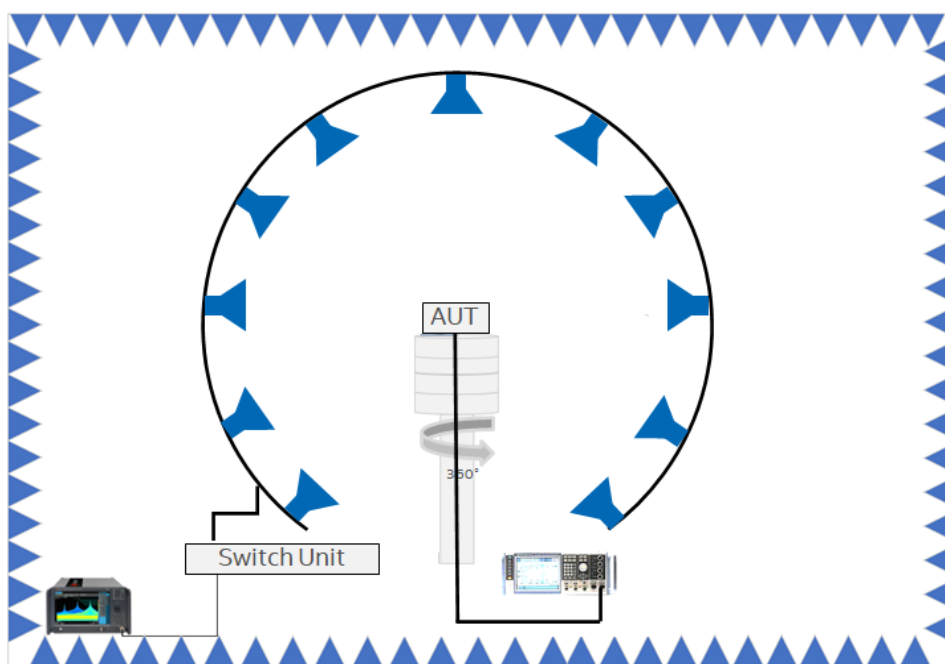
Antenna Datasheet

1. Measurement Method and System

3D spherical measurement using distributed axis system.

2. Test Setup & Equipment List

2.1. Test Setup



2.2. Equipment List Setup

ID#	Device	Type/Model	Serial #	Manufacturer
013-000	Spherical full anechoic chamber	AMS-8923-150	5719	ETS-Lindgren
013-011	Measurement Software	EMQuest v 1.14 build 31654	1404	ETS-Lindgren
013-001	Switch & Positioning Control Platform	EMCenter	00159758	ETS-Lindgren
013-003	System Amplifier Module (0.5 - 6 GHz)	SAM-01	-	ETS-Lindgren
271-000	Signal Analyzer 9kHz – 6GHz	FSL6	102143	Rohde & Schwarz
130-000	Signal generator	SMB 100A	178217	Rohde & Schwarz

3. Antenna Specification

3.1. Antenna information

Manufacturer	Type	Antenna part number	Frequency range (MHz)	Peak gain (dBi)
Intel WRF Lab	Monopole	ANT24-M624-00	2400 - 2484	6.11

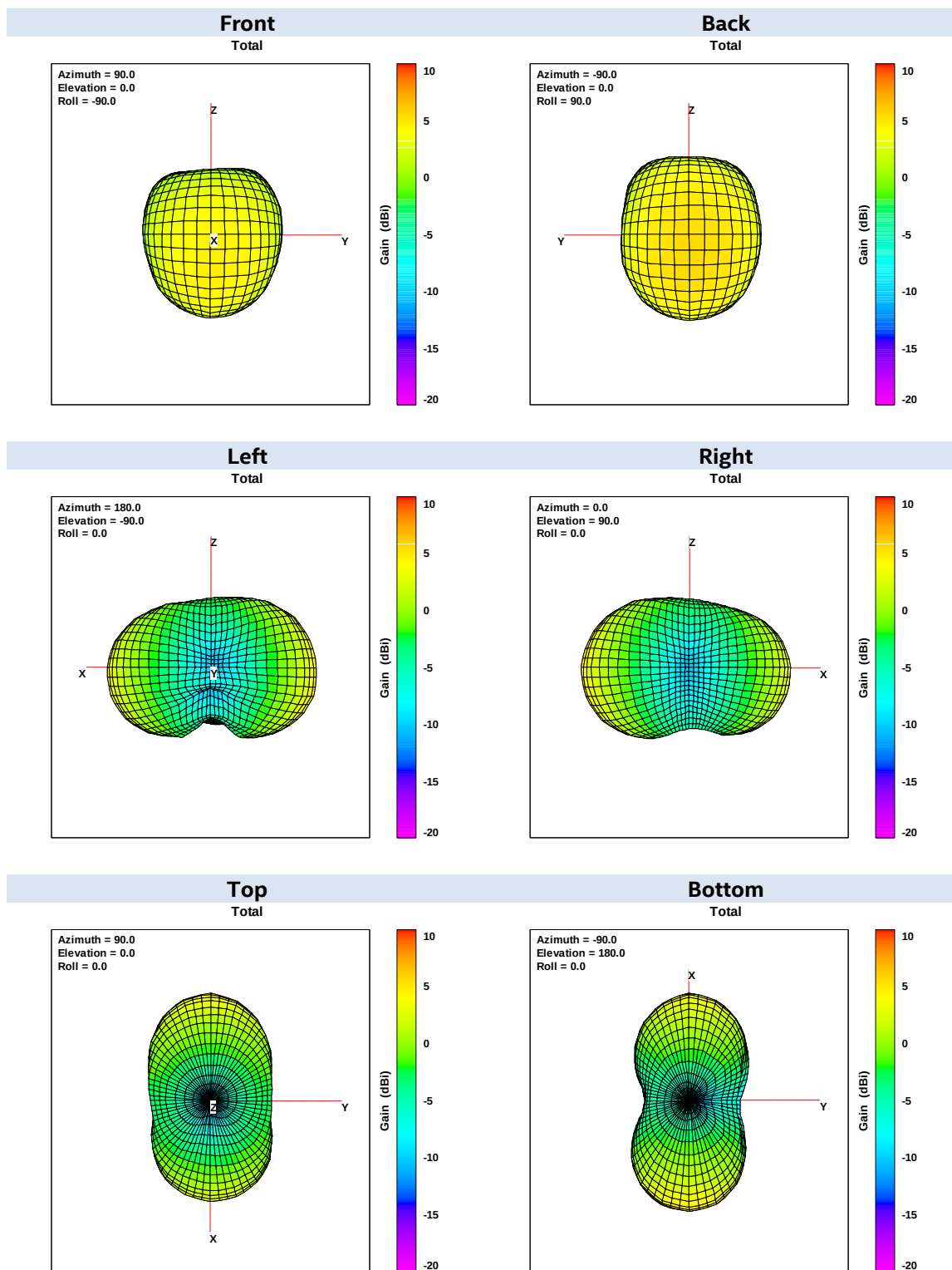
3.2. Antenna Peak Gain Table

Frequency (MHz)	Peak gain
	(dBi)
2400	5.70
2450	6.11
2483	5.87

4. Antenna Radiation Patterns

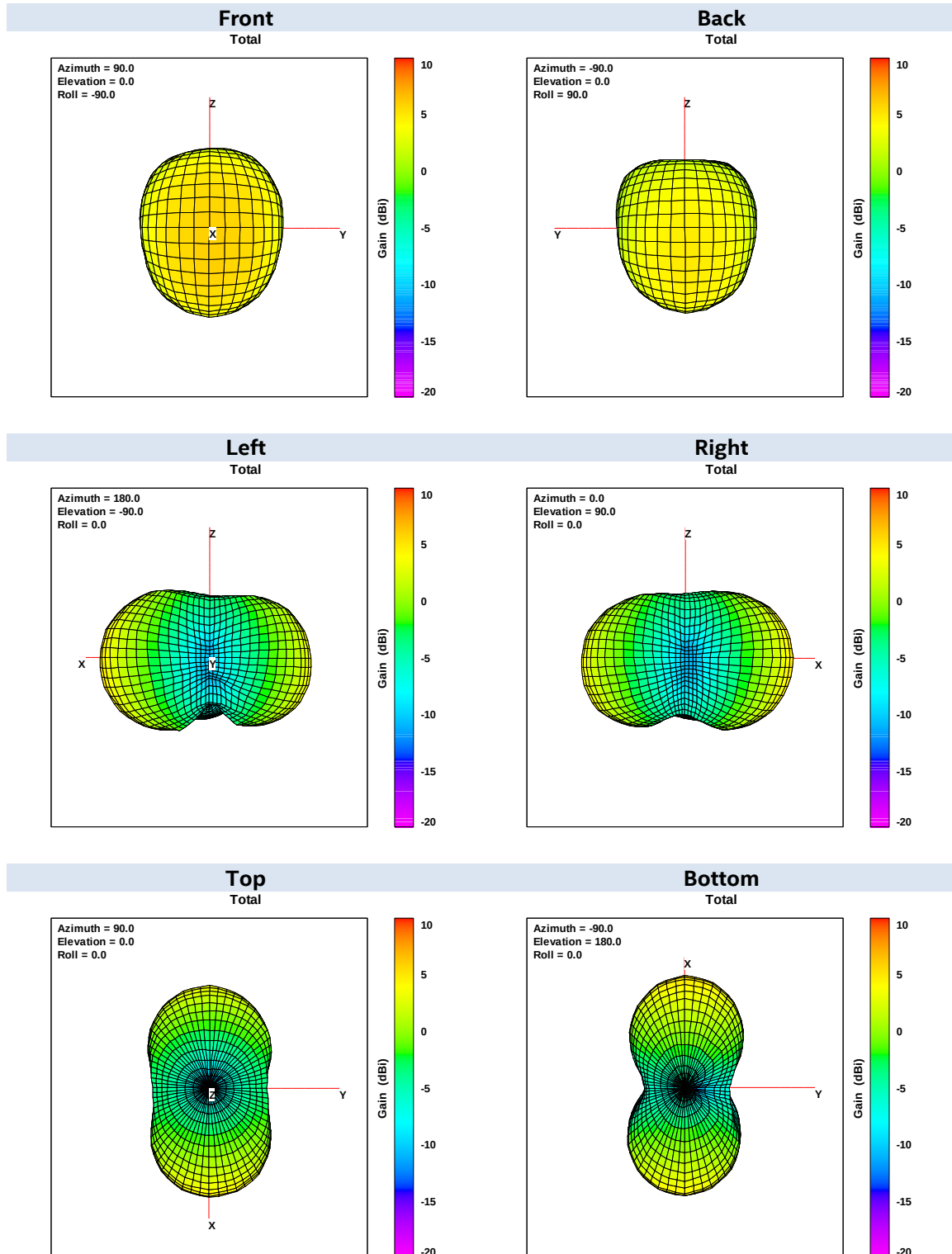
4.1. Pattern @ 2400 MHz

Frequency (MHz)	Peak gain
	(dBi)
2400	5.70



4.2. Pattern @ 2450 MHz

Frequency (MHz)	Peak gain
	(dBi)
2450	6.11



4.3. Pattern @ 2483 MHz

Frequency (MHz)	Peak gain
	(dBi)
2483	5.87

