

TEST REPORT

EUT Description	RF antenna
Brand Name	WRF LAB
Date of Test Start/End	2022-08-02 / 2022-08-02

Test Report identification	220802-01.TR01
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1. Test samples

Sample	Control #	Description	Model	Serial #	Date of receipt	Manufacturer
#01	200611-03.S23	Antenna 6-7 GHz	WRF-BR-PIFA-V3.2	NA	2020-07-20	WRF LAB

2. Equipment list

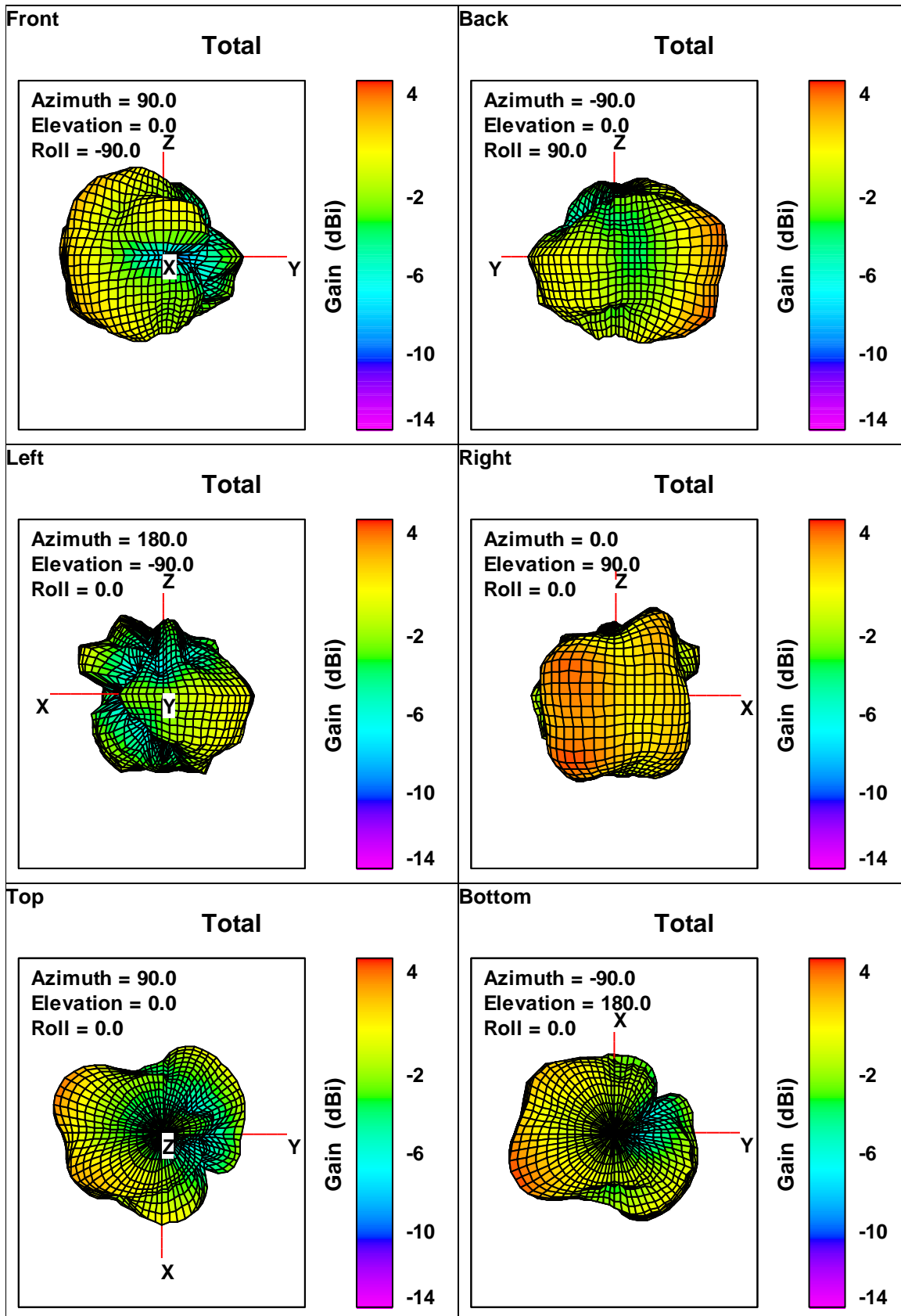
ID#	Device	Type/Model	Serial #	Manufacturer	Cal. Date	Cal. Due Date
129-000	Signal generator 100kHz-20GHz	SMB100A	178212	Rohde & Schwarz	2022-01-03	2024-01-03
263-000	Signal Analyzer 9kHz-6GHz	FSL6	102064	Rohde & Schwarz	2022-03-30	2024-03-30
013-000	SISO anechoic chamber	AMS-8923-150	5719	ETS-Lindgren	2021-05-05	2023-05-05

3. Antenna measurement results

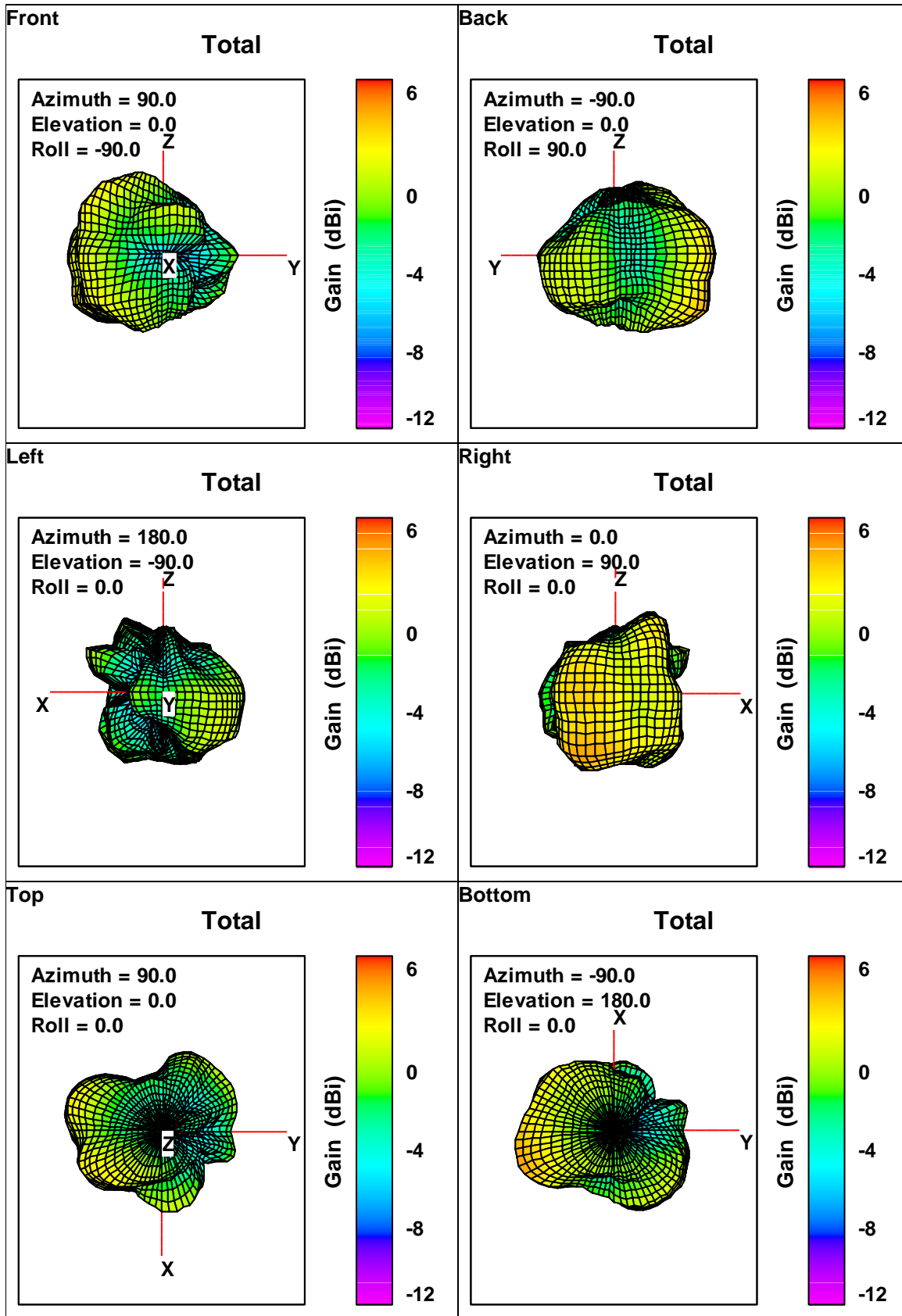
Frequency Range (MHz)	Frequency (MHz)	Peak Gain		
		Vertical (Theta) (dBi)	Horizontal (Phi) (dBi)	Peak Gain (dBi)
5850-5925	5850	0.86	3.02	3.96
	5895	1.67	3.73	4.72
	5925	1.55	4.05	5.00

4. Antenna Radiation Patterns 5850 - 5925 MHz

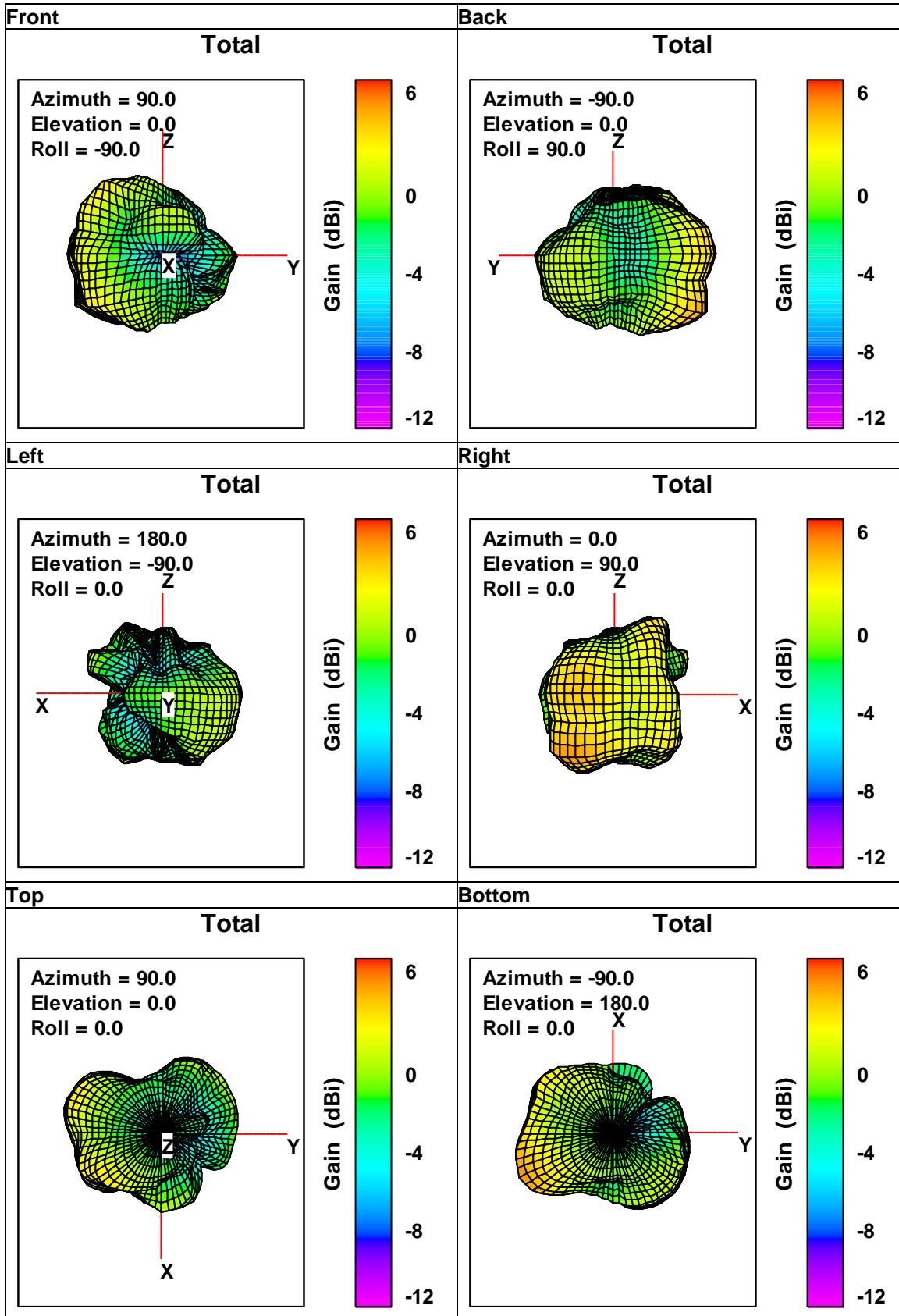
4.1. Pattern @ 5850 MHz



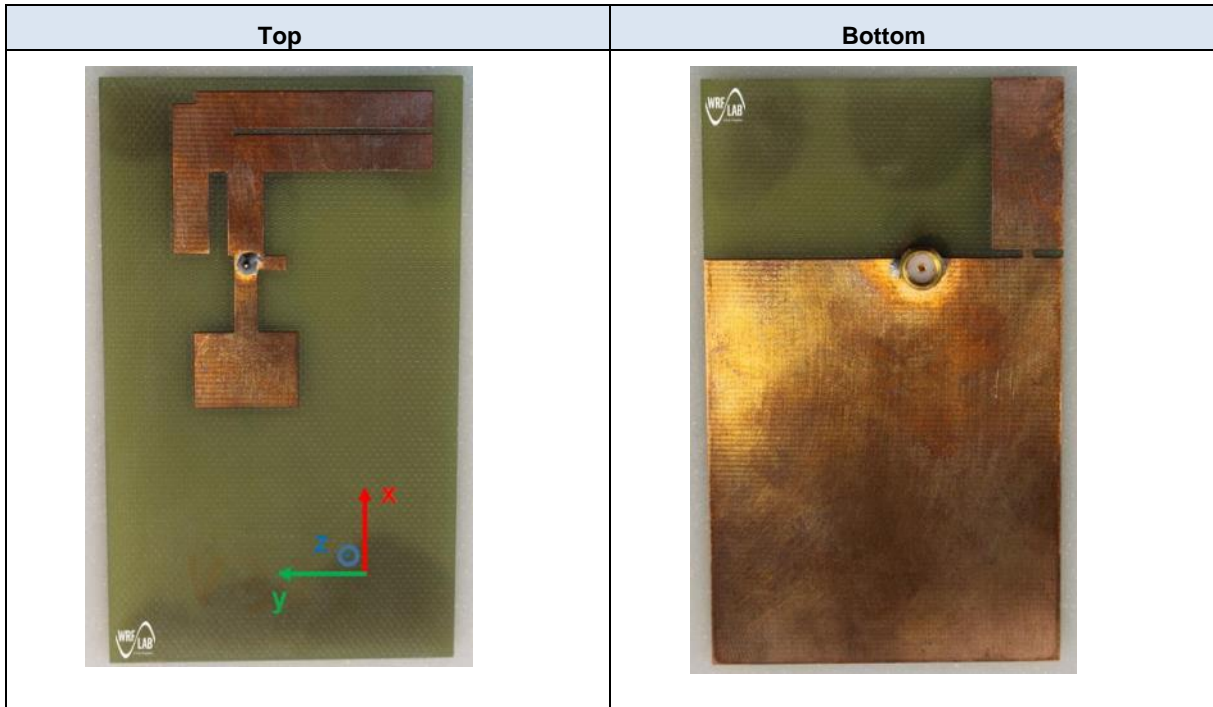
4.2. Pattern @ 5895 MHz



4.3. Pattern @5925 MHz



5. Antenna photo



6. Antenna Measurement test Setup

