

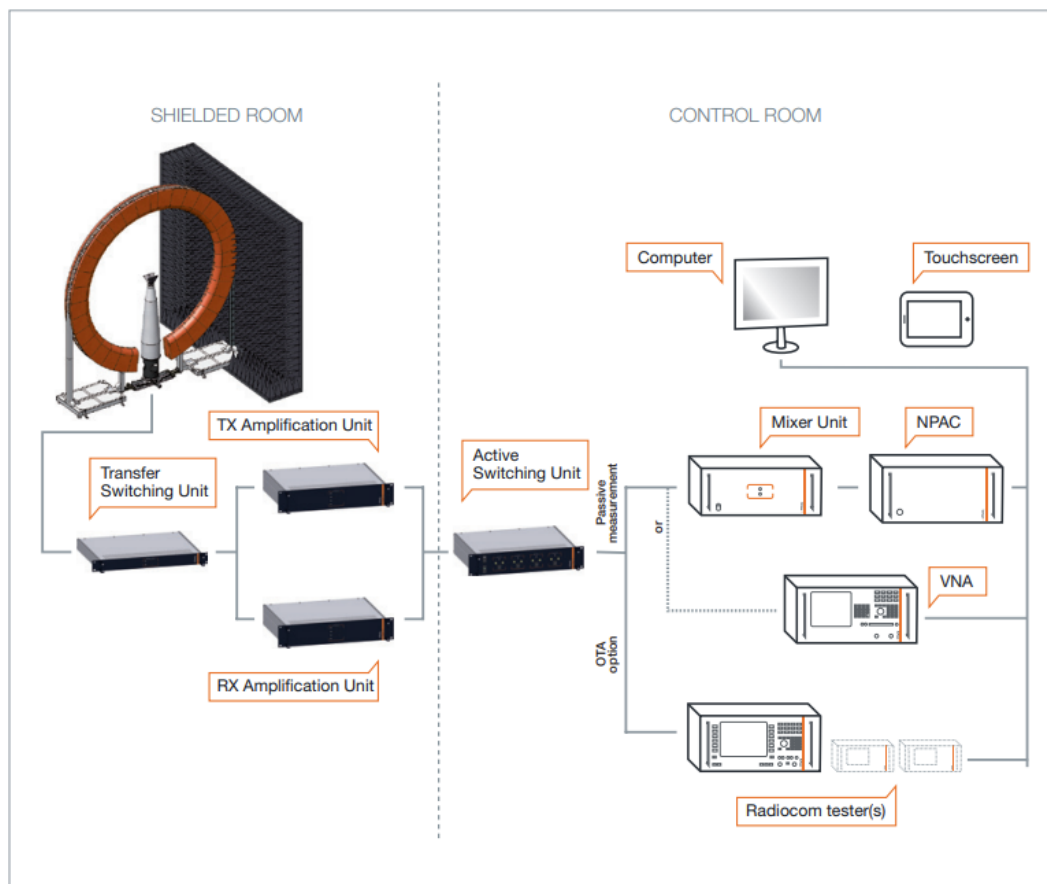
# 6G BN Antenna Test Report

Model: G1BN6ASI002

For Tarana Part Number: 31-0163-200

## 1. Antenna Test Lab Information

- Lab Name: MVG, Inc.
- Address: 450 Franklin Gateway, Suite 100, Marietta, GA, 30067.
- Certification: MVG is ISO 9001 and 17025 certified, and A2LA accredited, and offers NIST traceable antenna measurements. MVG is also a CTIA Authorized Test Laboratory (CATL) for Over the Air (OTA) active measurements.
- Test system: SG 64-S spherical near-field measurement system
- Frequency measurement range: SG64 frequency range of operation is from 400MHz to 6.0 GHz. The frequency range from 6.0 to 18.0 GHz is covered via an indoor far-field chamber.
- EUT measurement method: Gain-transfer or Substitution Method.
- For more detailed information about the test system, please refer to this [link](#).
- Equipment List / System Overview:





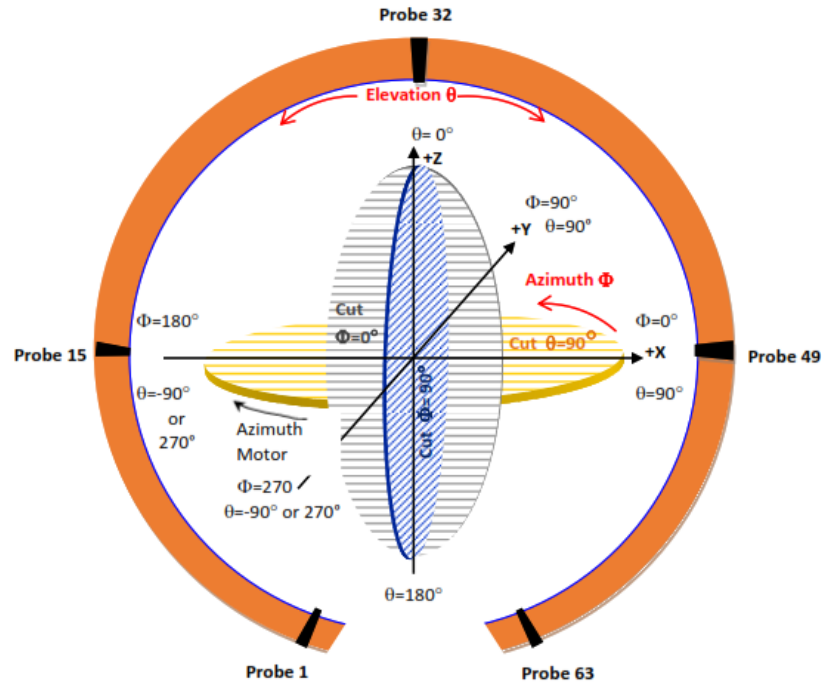
## 2. Equipment/System Calibration and Test Information

Equipment Name	Mode	Manufacturer	Calibration Date	Calibration Due Date
SG-64 Measurement System	Spherical Near Field Measurement	MVG, Inc	September 2022	September 2023

Test Personnel	Gunar Gray
Test Date	February 8th, 2023

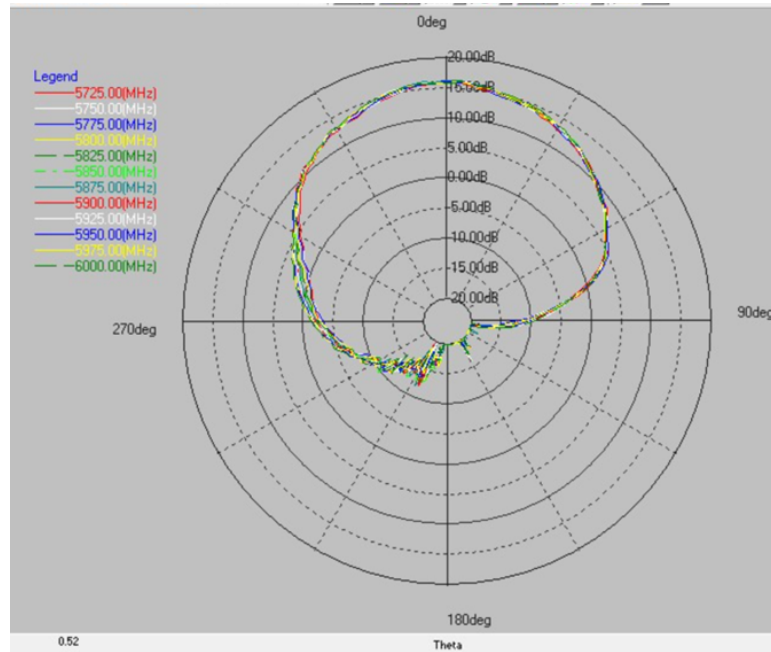
## 4. Measurement setting – MVG SG64 Coordinate System

### MVG SG64 Coordinate System

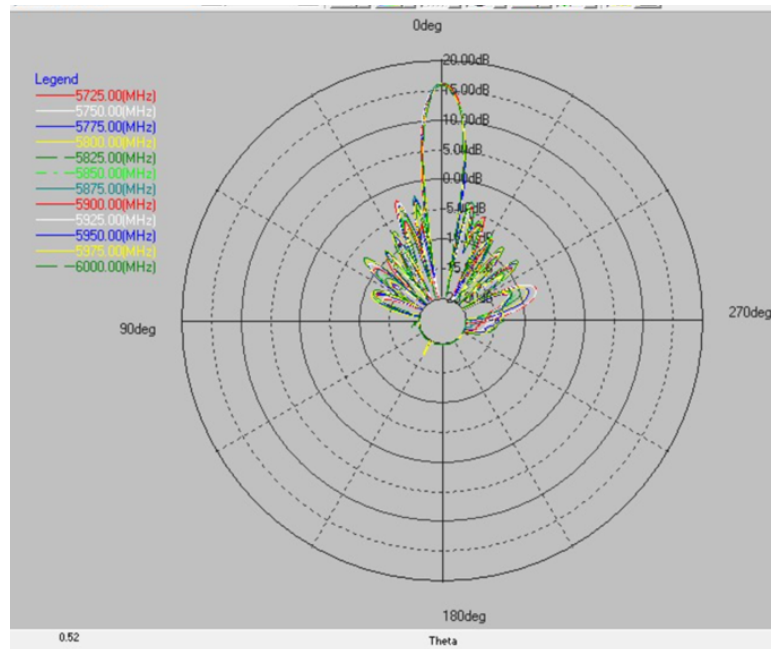


## 5. 2D Patterns

### 5.1. Antenna 0H Azimuth and Elevation Patterns, 5.725GHz to 6GHz

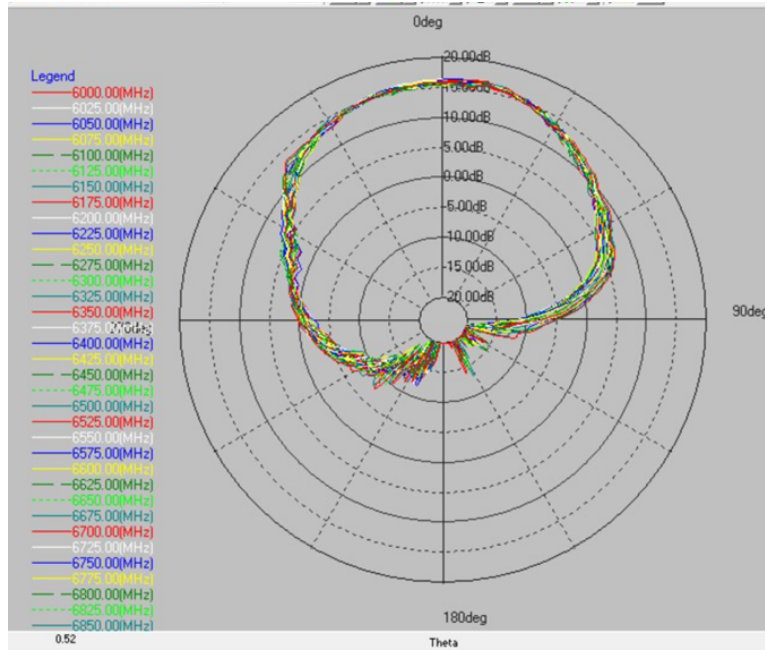


Azimuth Patterns

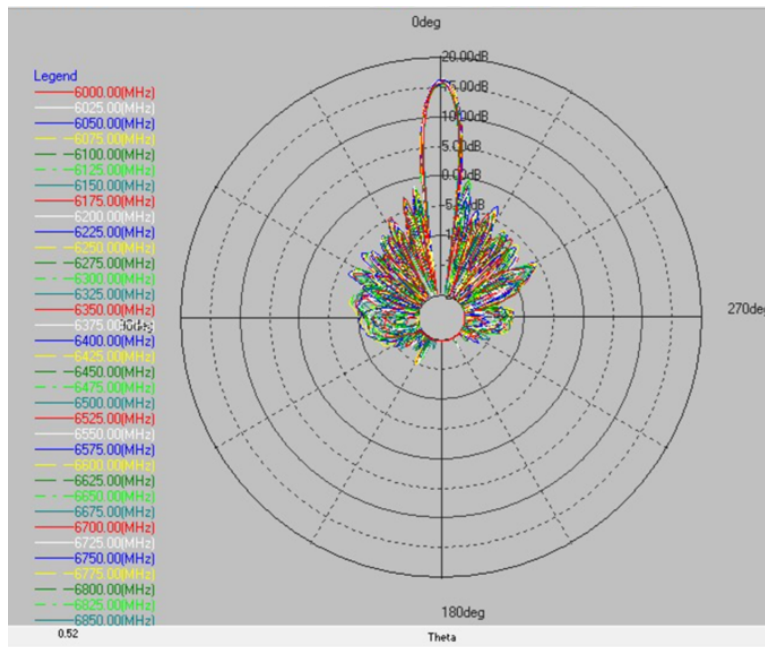


Elevation Patterns

## 5.2. Antenna 0H Azimuth and Elevation Patterns, 6GHz to 6.85GHz

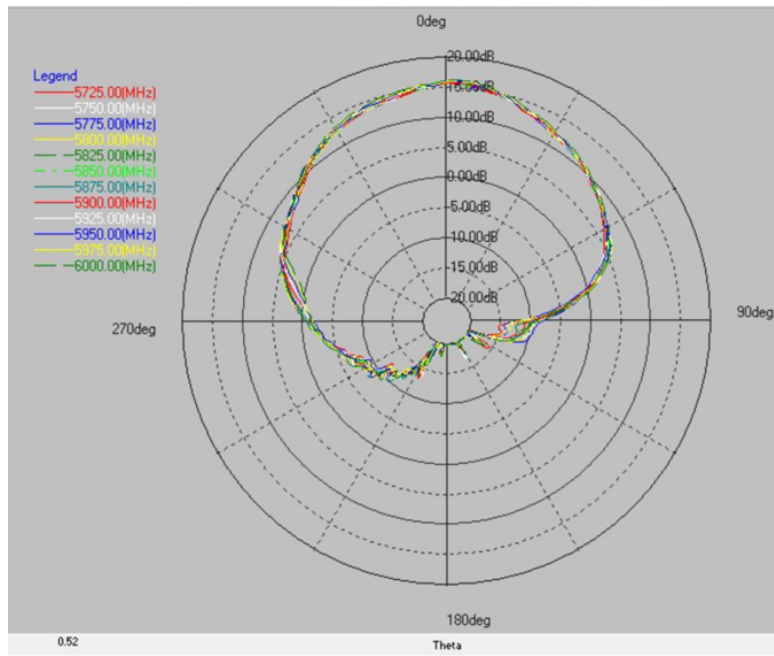


Azimuth Patterns

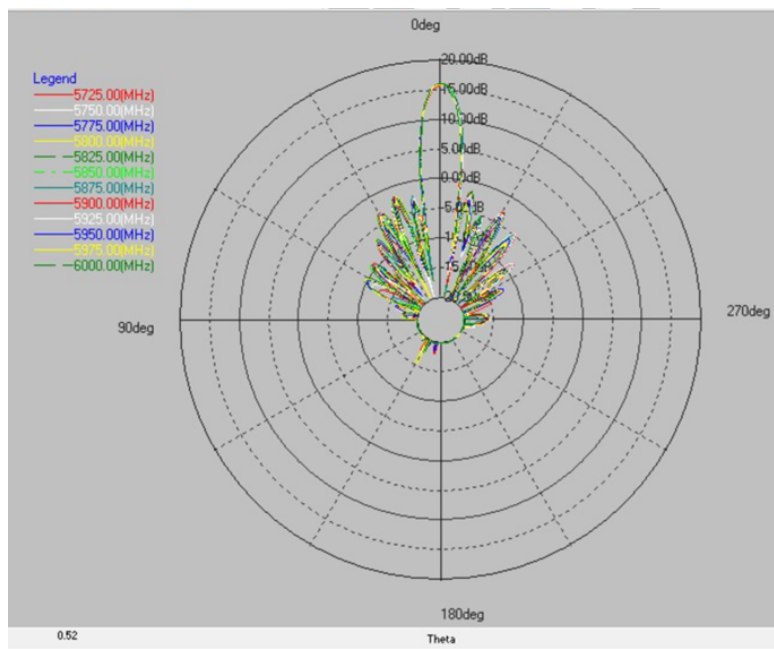


Elevation Patterns

### 5.3. Antenna 1V Azimuth and Elevation Patterns, 5.725GHz to 6GHz

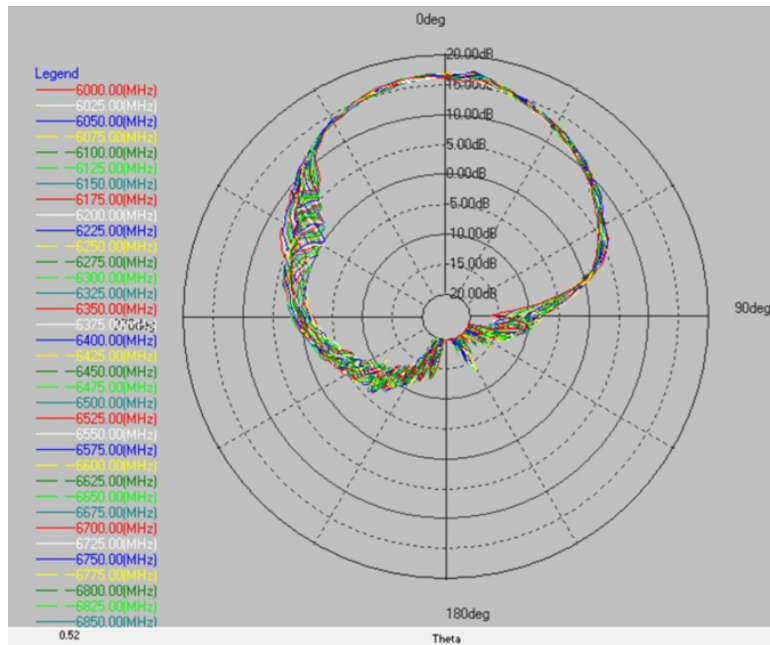


Azimuth Patterns

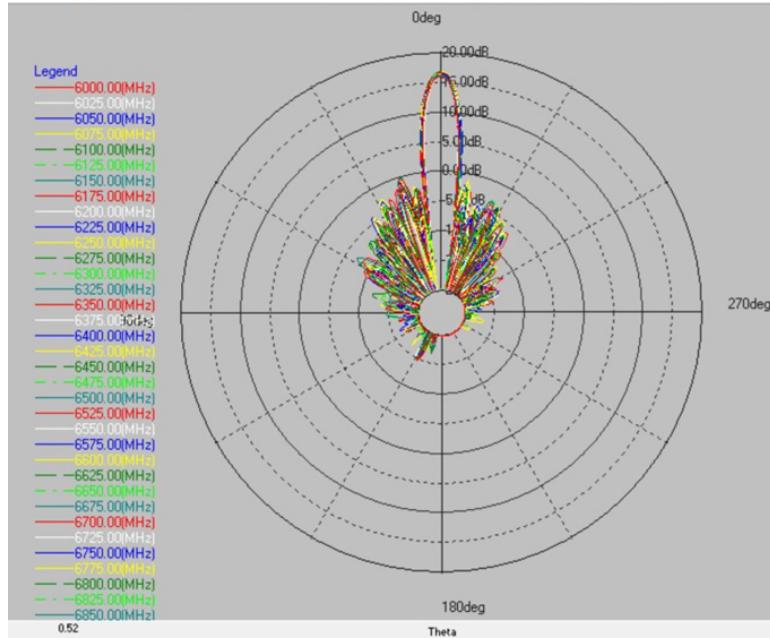


Elevation Patterns

#### 5.4. Antenna 1V Azimuth and Elevation Patterns, 6GHz to 6.85GHz



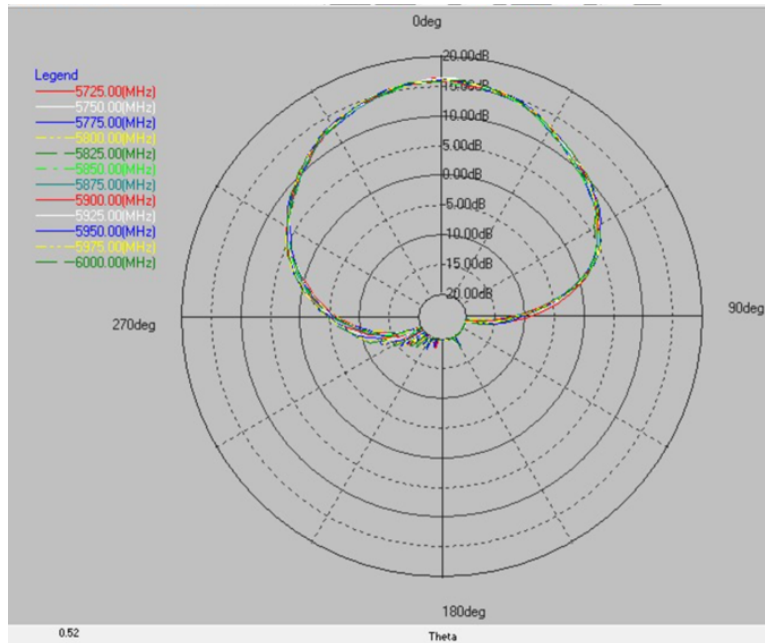
Azimuth Patterns



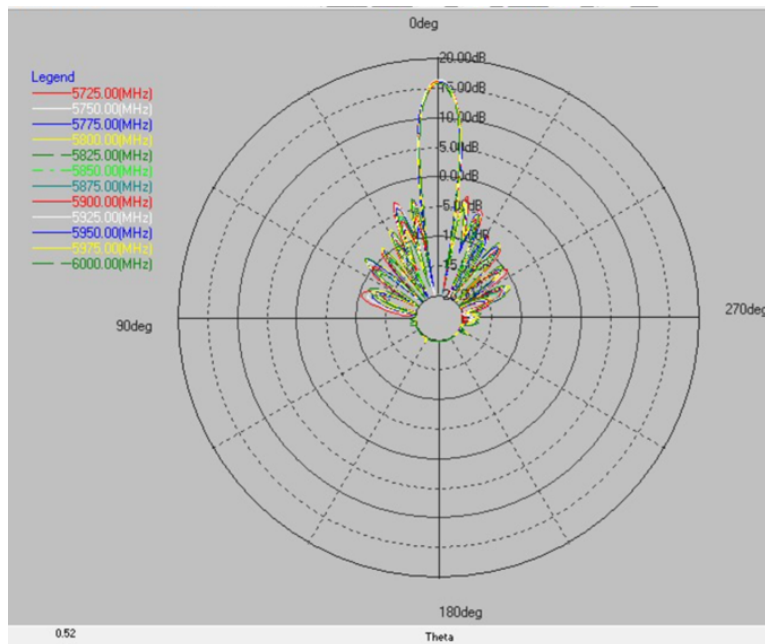
Elevation Patterns



### 5.5. Antenna 2H Azimuth and Elevation Patterns, 5.725GHz to 6GHz

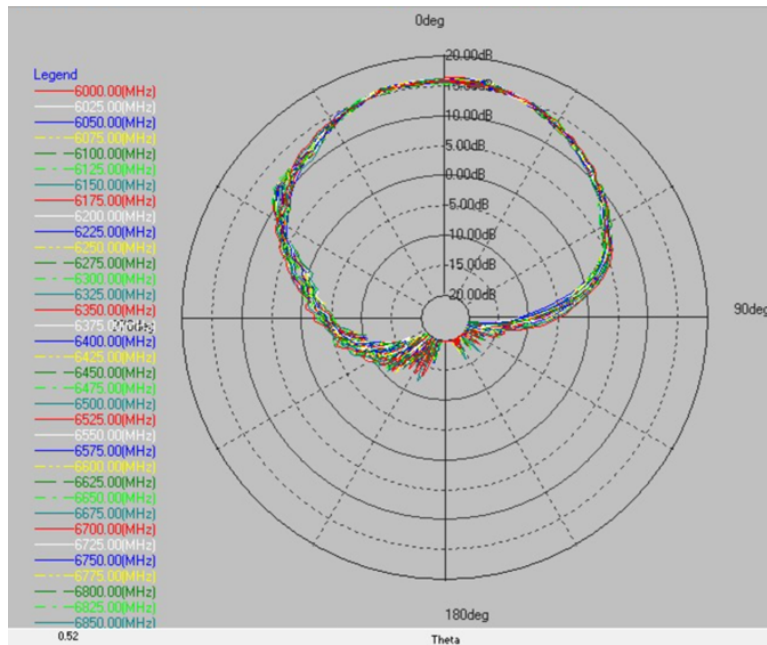


Azimuth Patterns

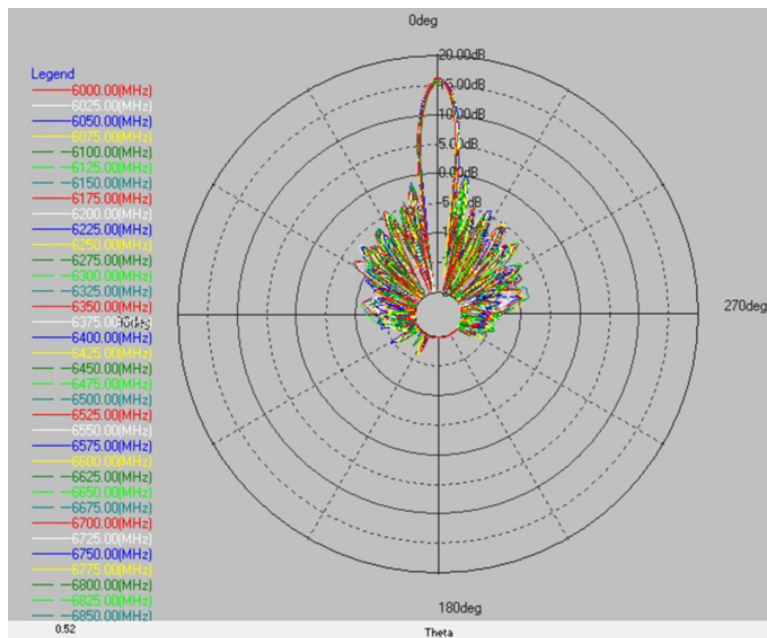


Elevation Patterns

## 5.6. Antenna 2H Azimuth and Elevation Patterns, 6GHz to 6.85GHz

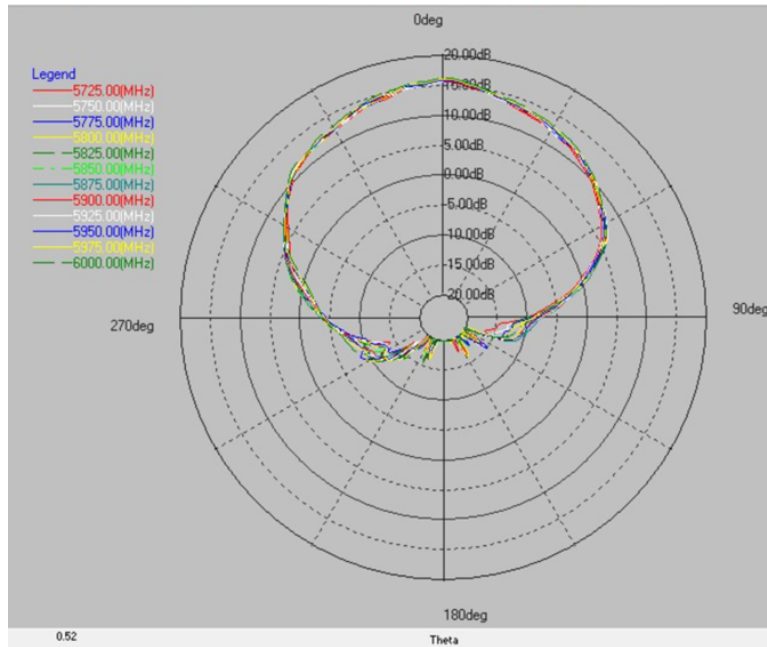


Azimuth Patterns

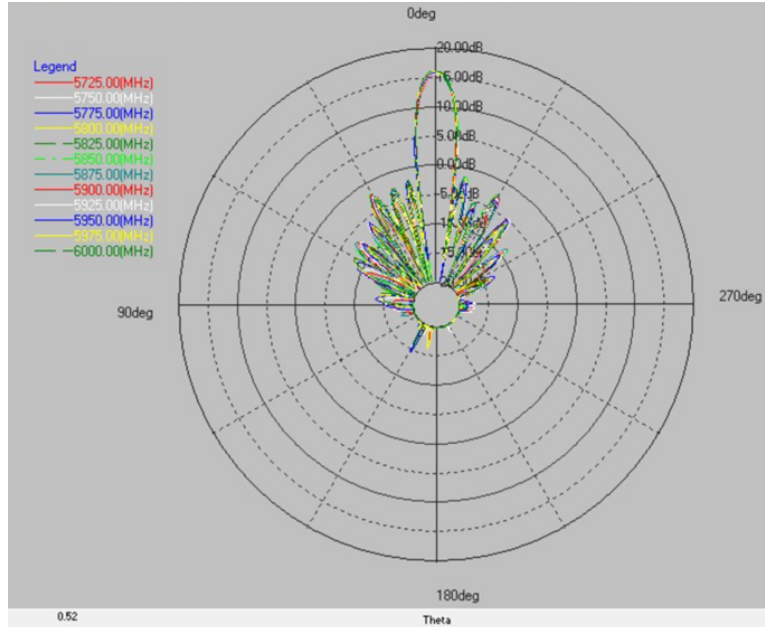


Elevation Patterns

## 5.7. Antenna 3V Azimuth and Elevation Patterns, 5.725GHz to 6GHz

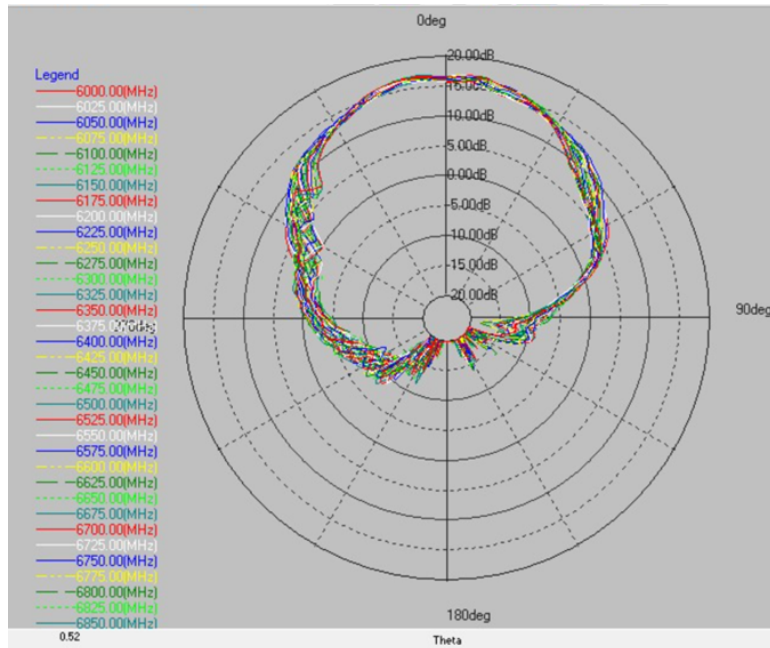


Azimuth Patterns

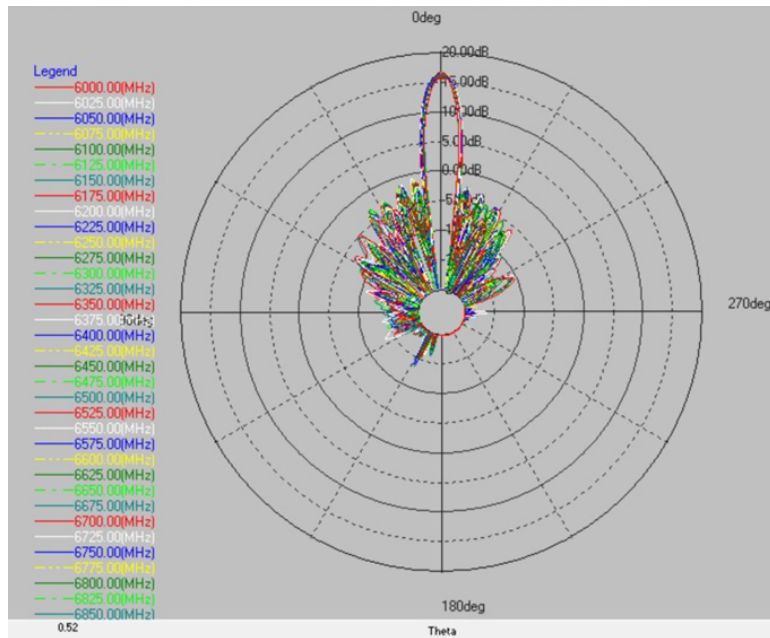


Elevation Patterns

## 5.8. Antenna 3V Azimuth and Elevation Patterns, 6GHz to 6.85GHz

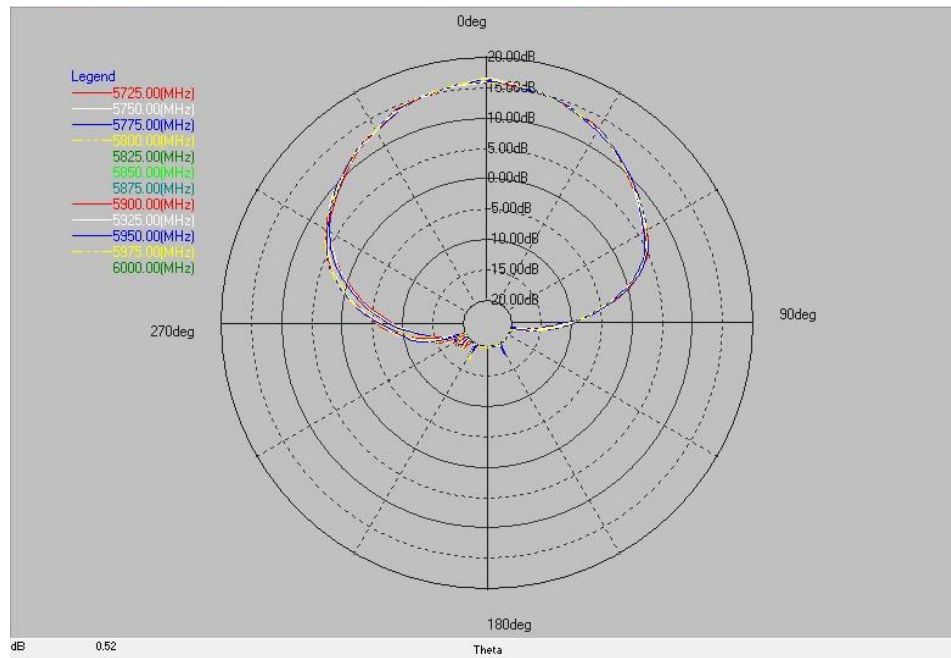


Azimuth Patterns

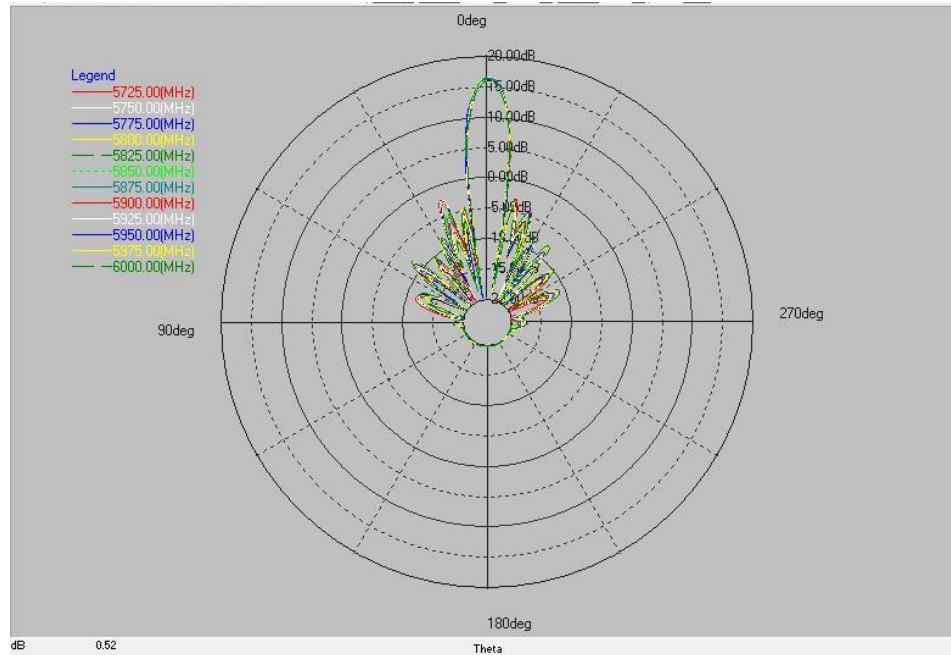


Elevation Patterns

## 5.9. Antenna 4H Azimuth and Elevation Patterns, 5.725GHz to 6GHz



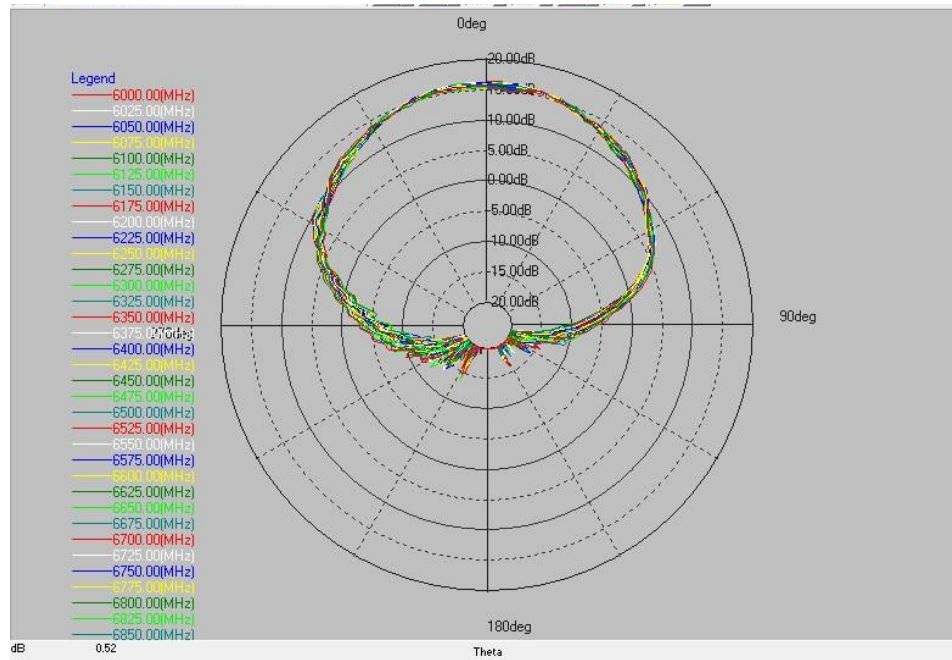
Azimuth Patterns



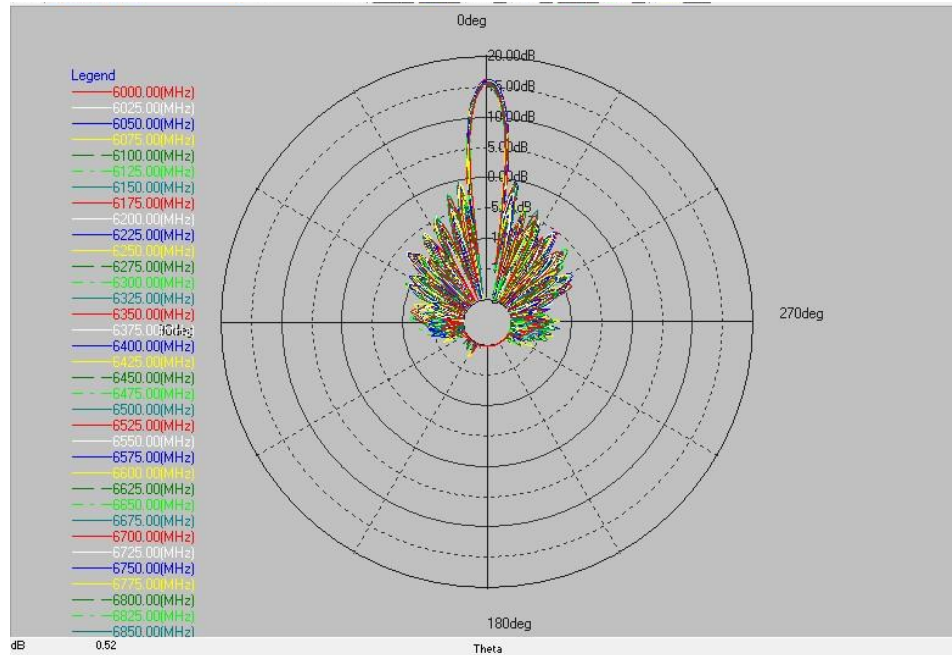
Elevation Patterns



## 5.10. Antenna 4H Azimuth and Elevation Patterns, 6GHz to 6.85GHz

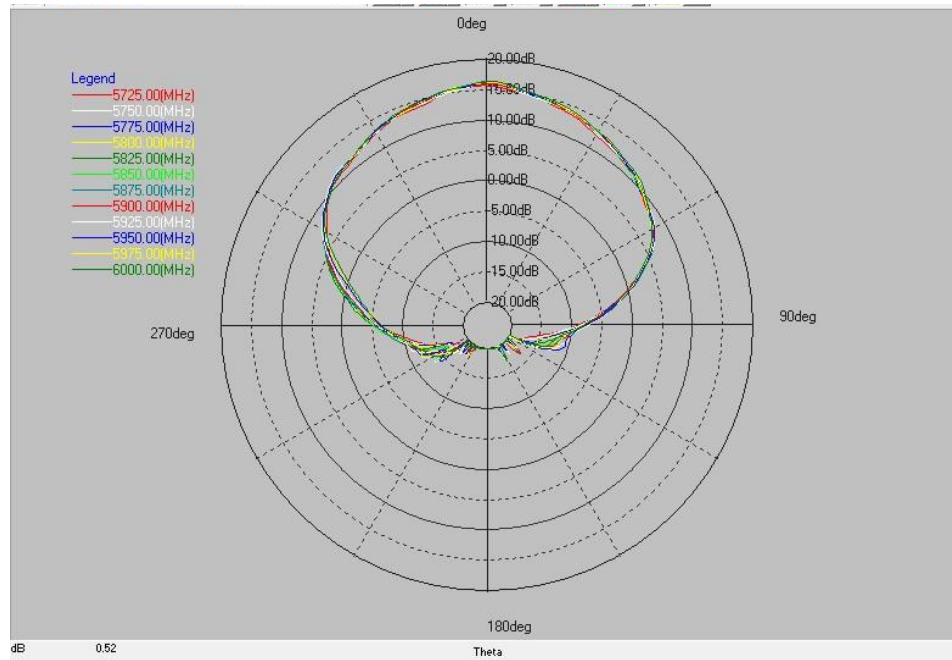


Azimuth Patterns

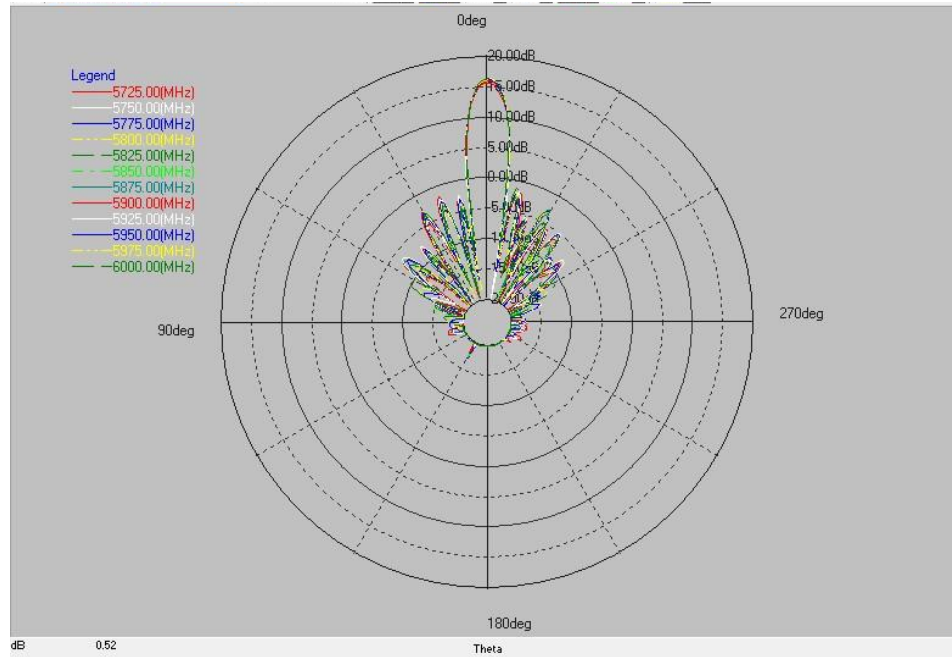


Elevation Patterns

# 5.11. Antenna 5V Azimuth and Elevation Patterns, 5.725GHz to 6GHz



Azimuth Patterns



Elevation Patterns