



Shure SV6MW, SV7MW

**Measurements of Shure
Midway (SV6MW, SV7MW)
For Regulatory Approval
BLE (2402–2480 MHz)**

Shure Incorporated
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Prepared by
Mark Kenkel, Ph.D.



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1. SV6MW, SV7MW Microphone

1.1 SV6MW, SV7MW Dipole 3D patterns

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- SV6MW, SV7MW Dipole Antenna
- Test frequency = 2402 MHz
- Maximum gain = 2.2 dBi

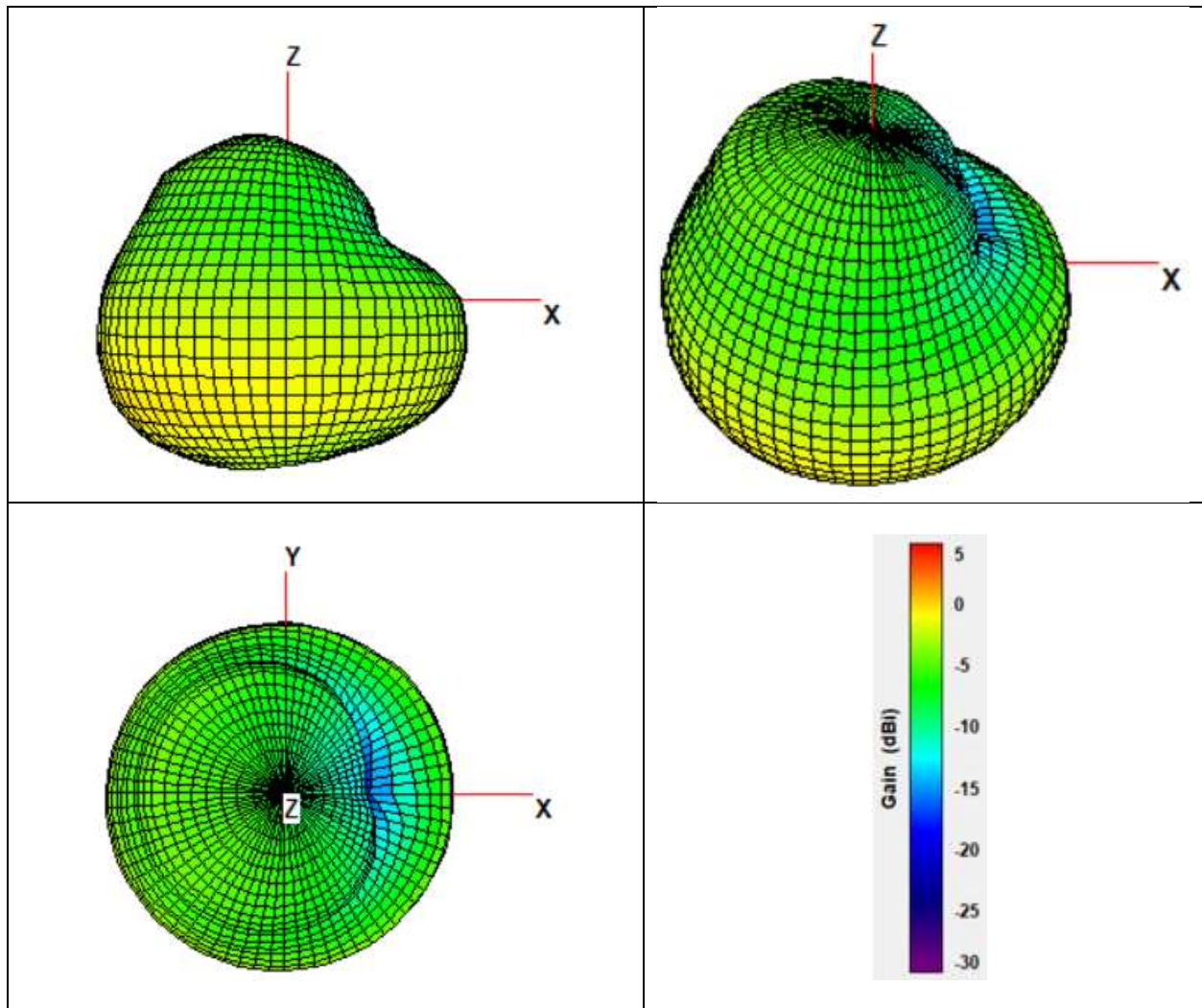


Figure 1 – SV6MW, SV7MW (2402 MHz) 3D radiation patterns and scale

- SV6MW, SV7MW Dipole Antenna
- Test frequency = 2440 MHz
- Maximum gain = 1.8 dBi

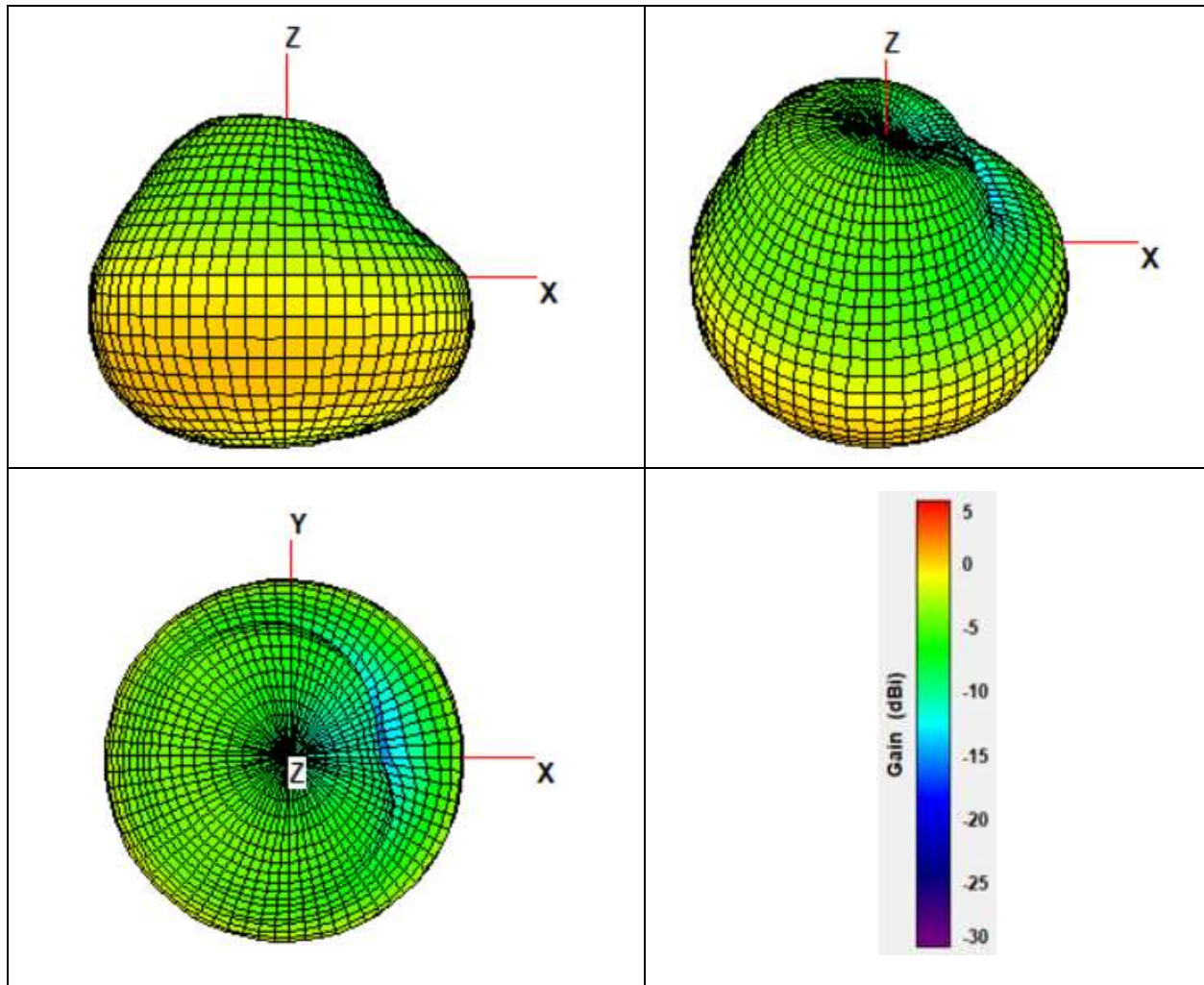


Figure 2 – SV6MW, SV7MW (2440 MHz) 3D radiation patterns and scale

- Test frequency = 2480 MHz
- Maximum gain = 2.2dBi

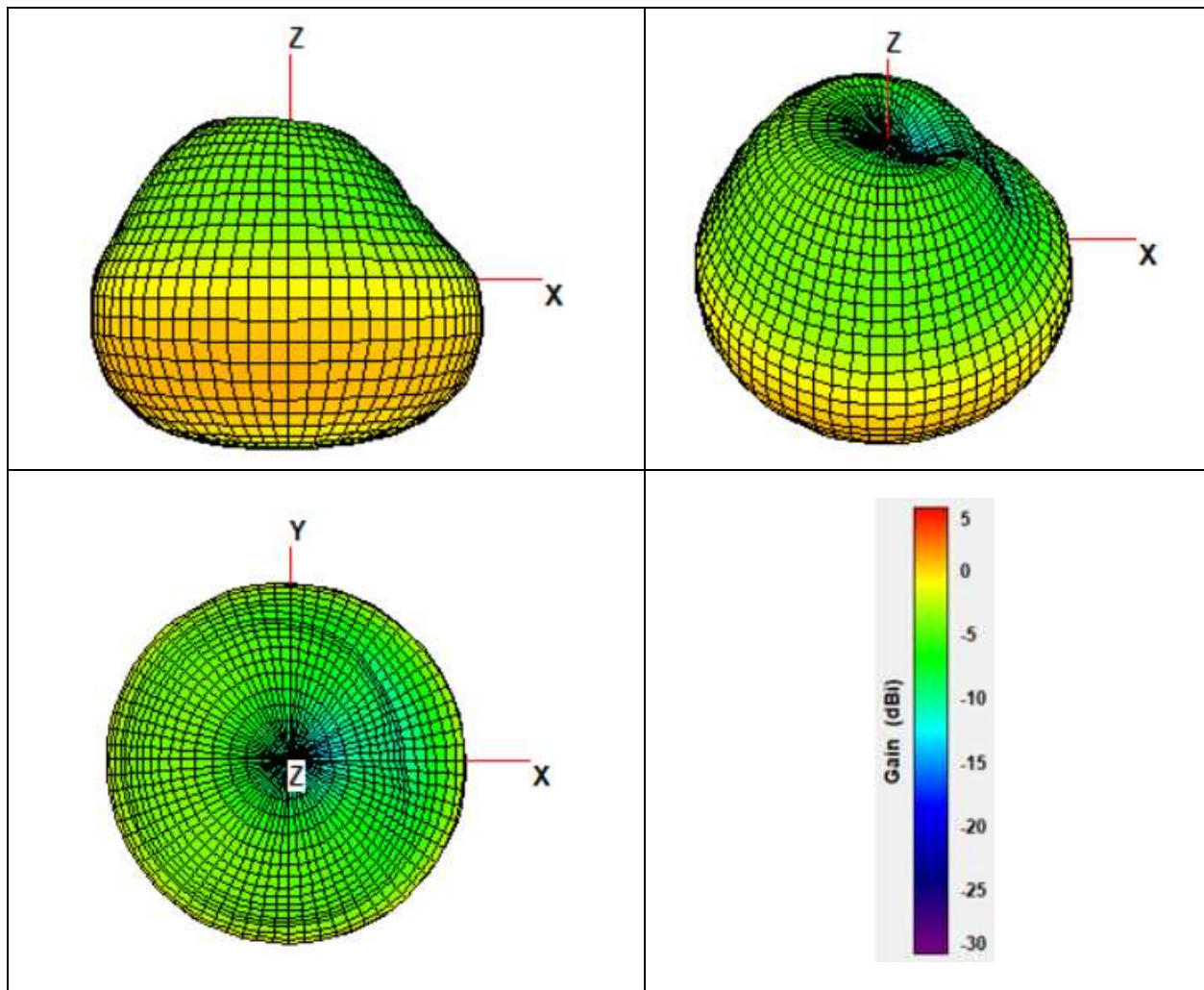


Figure 3 – SV6MW, SV7MW (2480 MHz) 3D radiation patterns and scale

2. Appendix

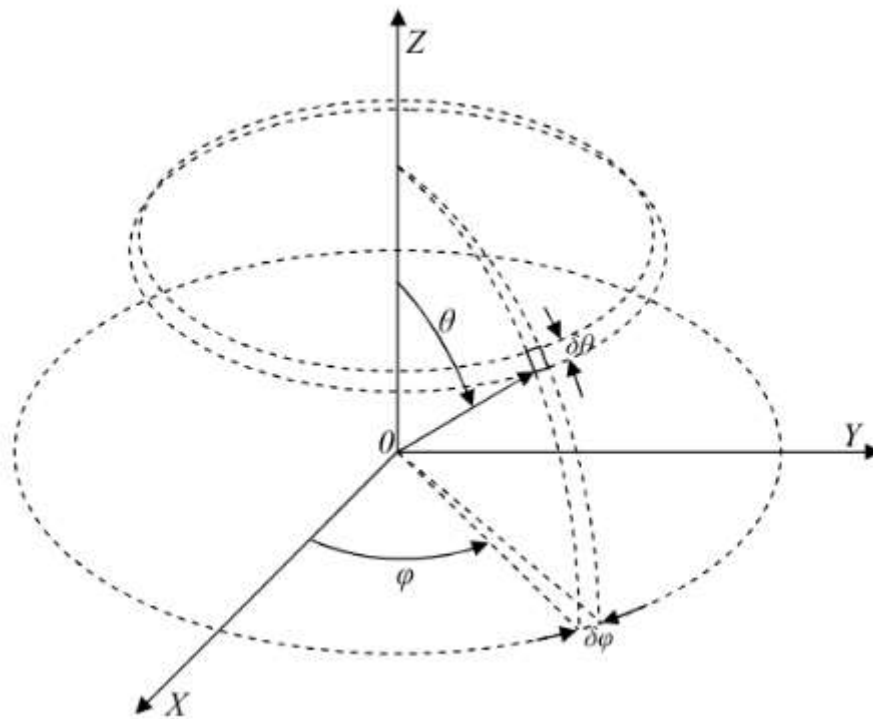
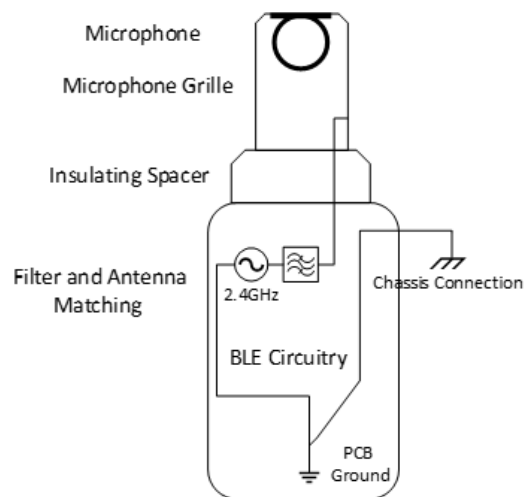


Figure 4 - Antenna reference angles

Dipole Antenna Structure





Shure SV6MW, SV7MW

Figure 5 – SV6MW, SV7MW Dipole Antenna and RF Connection Block Diagram

- Antenna shape and dimension

The SV6MW, SV7MW Antenna is a cylindrical offset dipole shape using the mic grille and mic chassis as antenna elements. The Grille element is (35mm long with 18mm diameter) and the Chassis element is (50mm long with 28mm diameter).