

**Measurements of Shure SLXD3
with VP89M Microphone
For Regulatory Approval
A-variant (470 – 523 MHz)**

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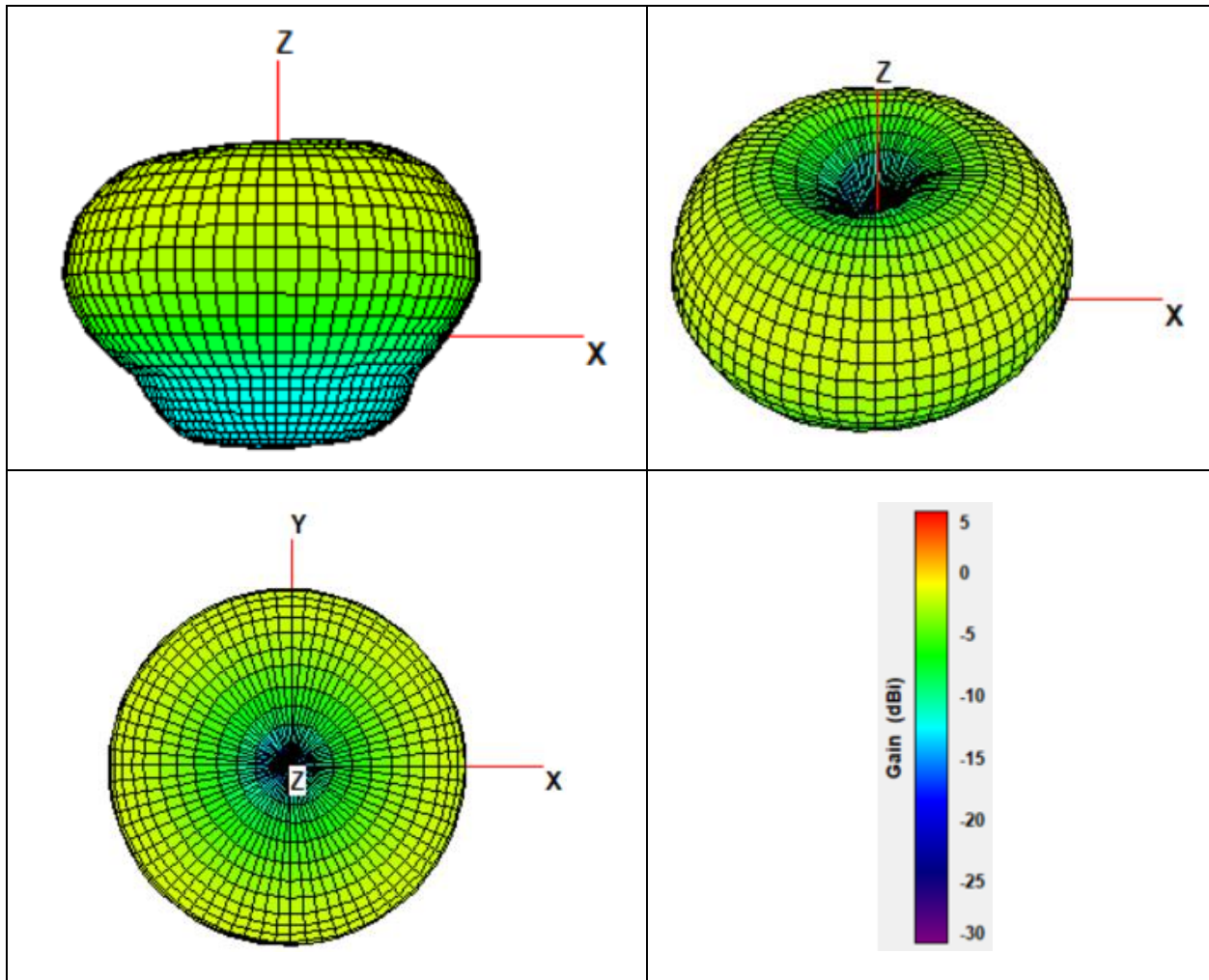
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1. SLXD3 – Plug-on Transmitter

1.1 SLXD3 – with VP89M microphone

Antenna 3D patterns for:

- Test frequency = 470.125 MHz
- Maximum gain = -0.6 dBi



- Test frequency = 496.500 MHz
- Maximum gain = 1.1 dBi

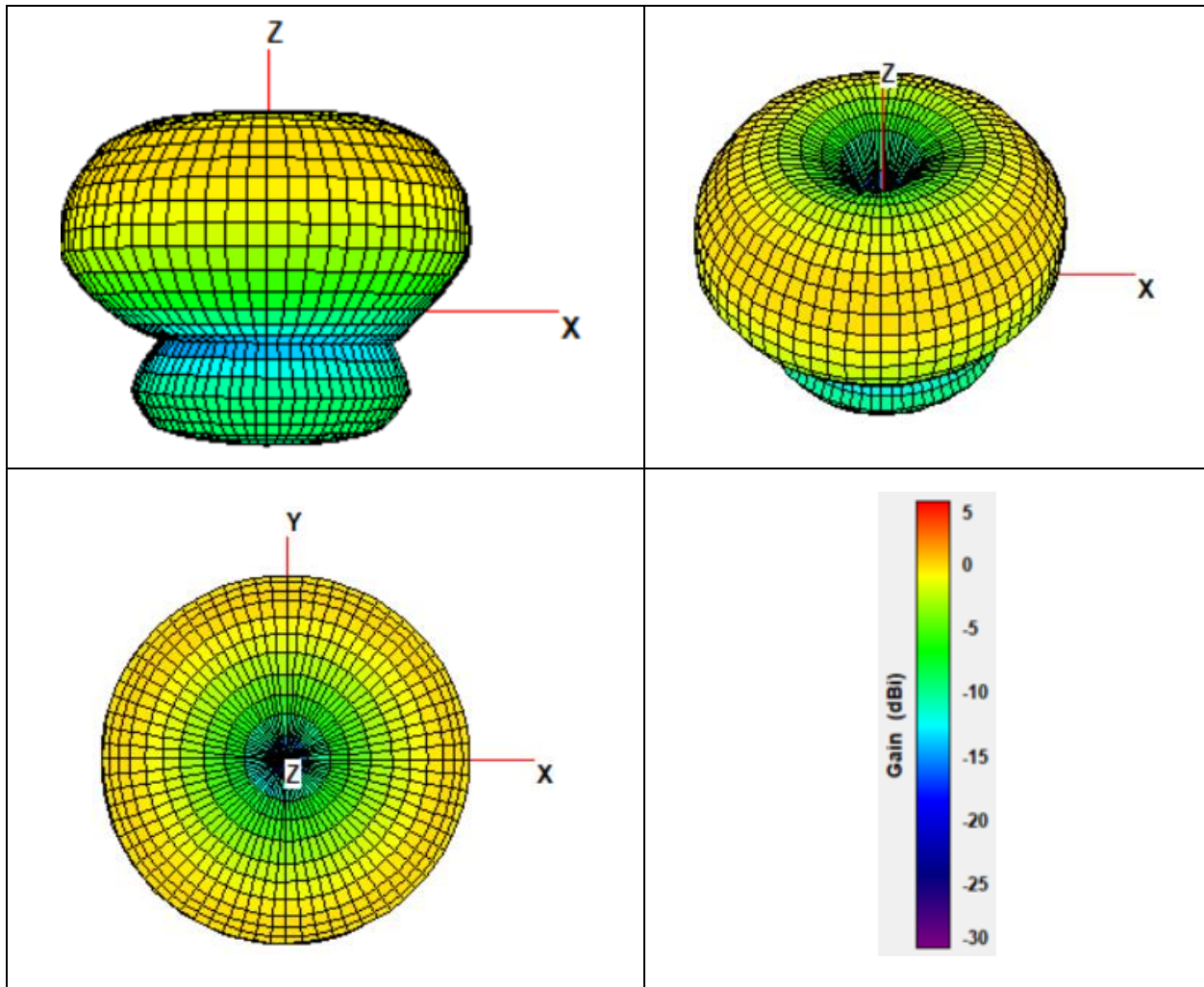


Figure 2 – SLXD3 A-variant (496.500 MHz) 3D radiation patterns and scale

- Test frequency = 523.000 MHz
- Maximum gain = 0.5 dBi

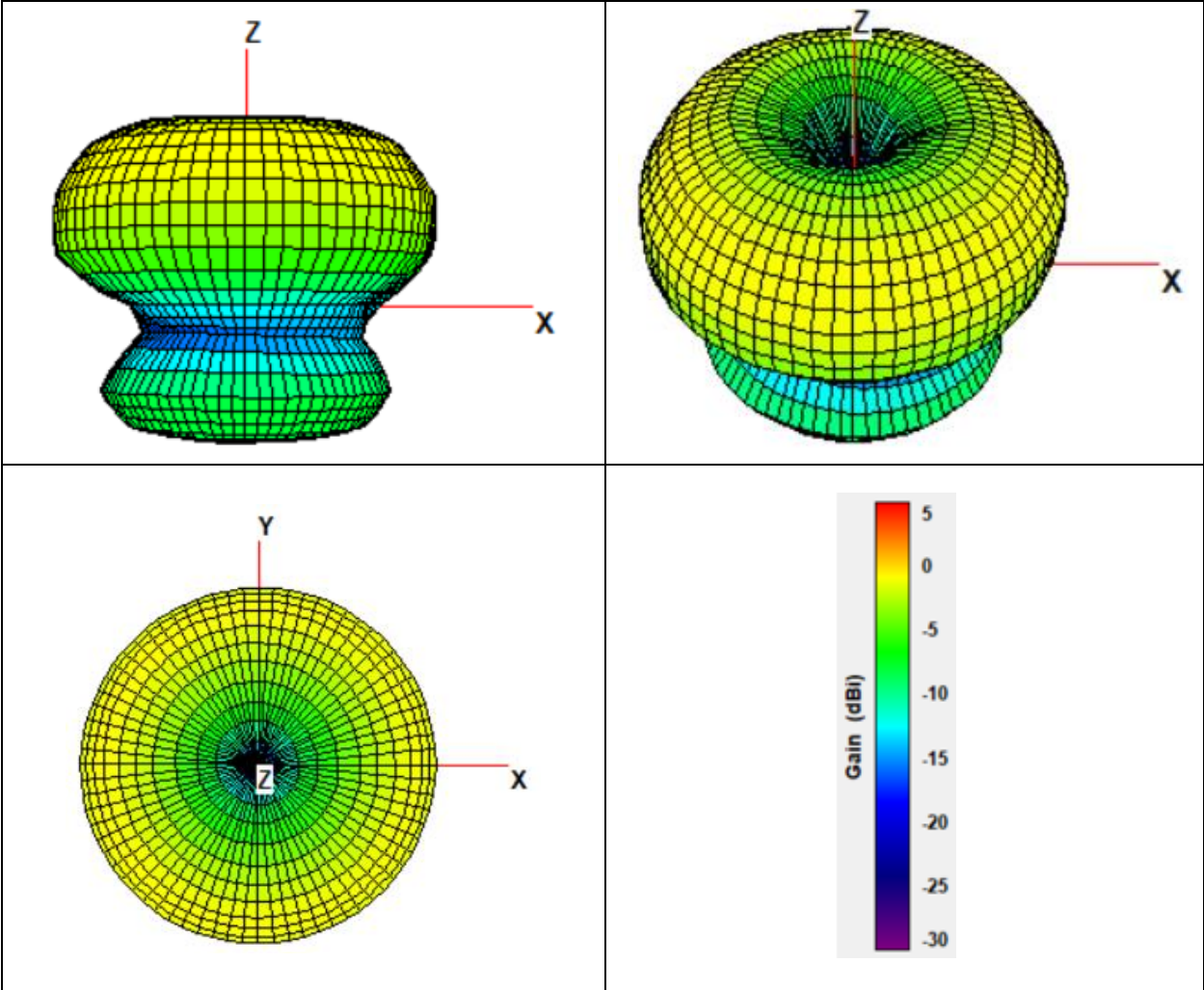


Figure 3 – SLXD3 A-variant (523.000 MHz) 3D radiation patterns and scale

2. Appendix

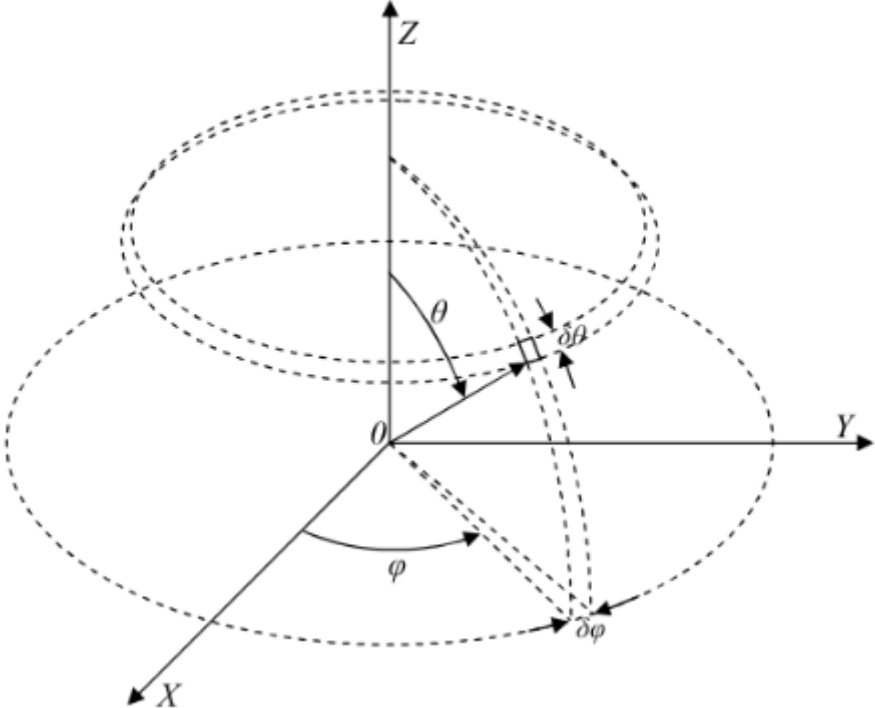


Figure 4 - Antenna reference angles

SLXD3 Dipole Antenna Structure

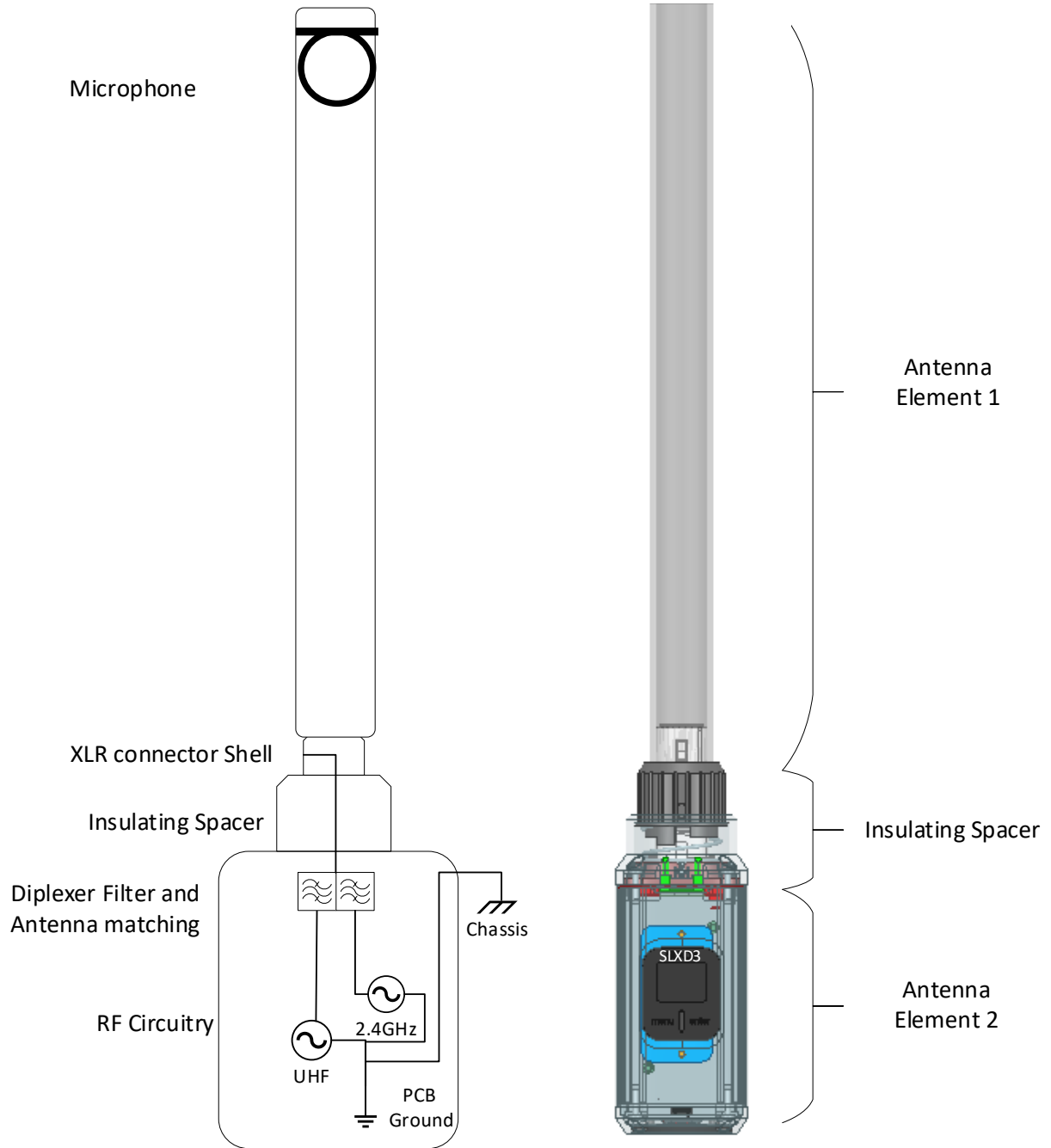


Figure 5 - SLXD3 Dipole Antenna and RF Connection Block Diagram