

Spectral Test Sample Report

Optical Dome Transmittance Spectral Test Report

Test Item: AR Coated Sapphire Hemispherical Dome Test Equipment:
UV-VIS-NIR Spectrometer Test Wavelength Range: 400nm - 1700nm (LiDAR
dual band)

Test Result Data

1. Visible band 450–650nm average transmittance: $\geq 98.2\%$
2. Near-infrared band 905–1550nm average transmittance: $\geq 98.5\%$
3. Single surface reflectance: $\leq 0.8\%$ after multi-layer AR coating
4. No obvious absorption peak in target working spectrum range Surface roughness test:
Ra=0.18nm, no polishing scratch, bubble or inclusion inside substrate. Inspector:
Senior Optical Engineer Batch No.: Sample-Dome-001

Date: 2026