Figure 3-8 Humphrey 24-2 automated static perimetry report, with reliability indices, gray-scale map, probability plots, and statistical analysis. *(Courtesy of Zoë R. Williams, MD.)*

and different methods of addressing localized defects (eg, pattern standard deviation, corrected pattern deviation, loss variance).

The reliability of perimetry test results is assessed by identifying the following patient-response characteristics:

- *false-positive response rate:* how frequently the patient signals when no target is displayed (an acceptable rate is typically <25% on threshold testing and <15% on Swedish Interactive Threshold Algorithm [SITA] testing)
- *false-negative response rate:* how often the patient fails to signal when a target brighter than the previously determined threshold for that location is displayed (an