Suggested Metrology Guideline
Module containing contact structures (regions in white are contacts)

0.15 μm contact arrays (contact space > 0.5 μm)

0.16 μm contact arrays (contact space > 0.5 μm)

0.14 μm contact arrays (contact space > 0.5 μm)

0.16μm contact arrays with variable size, space and density
Variable size, density arrays
(contact size = 0.16 um, except for the structures marked)

Array size: ~50 um x 87 um
Snapshot of array with 0.18 um contact space (X direction)
Contact density: ~7.1%

Layout of WLR3
WLR3 row 5

Contact array for erosion measurement.
Size: 200 um x 200 um

Column 4

0.15 um contact array in col 4
Contact density: 5.1%
Layout of MEM_PCM2

Contact array for erosion measurement
Size: 146 um x 1166 um

Contact arrays for erosion measurement (same as top array with cells rotated 90 degrees)
Snap shot of MEM_PCM2 contact arrays
Contact density: 11.4%