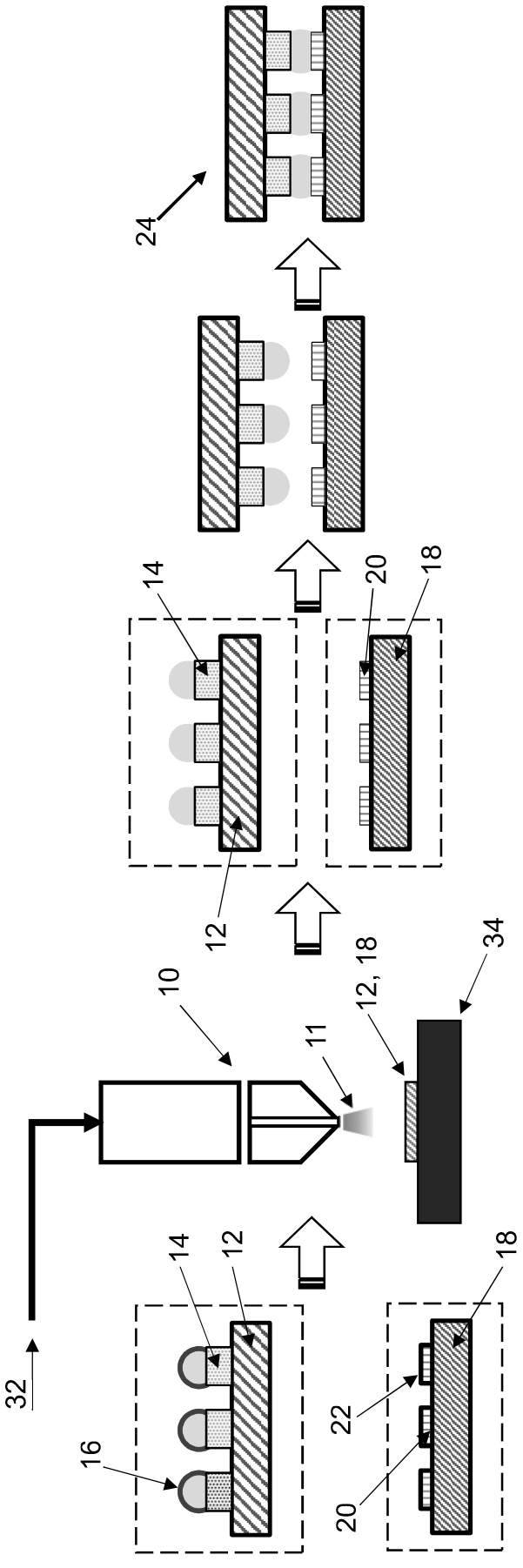


FIG. 1

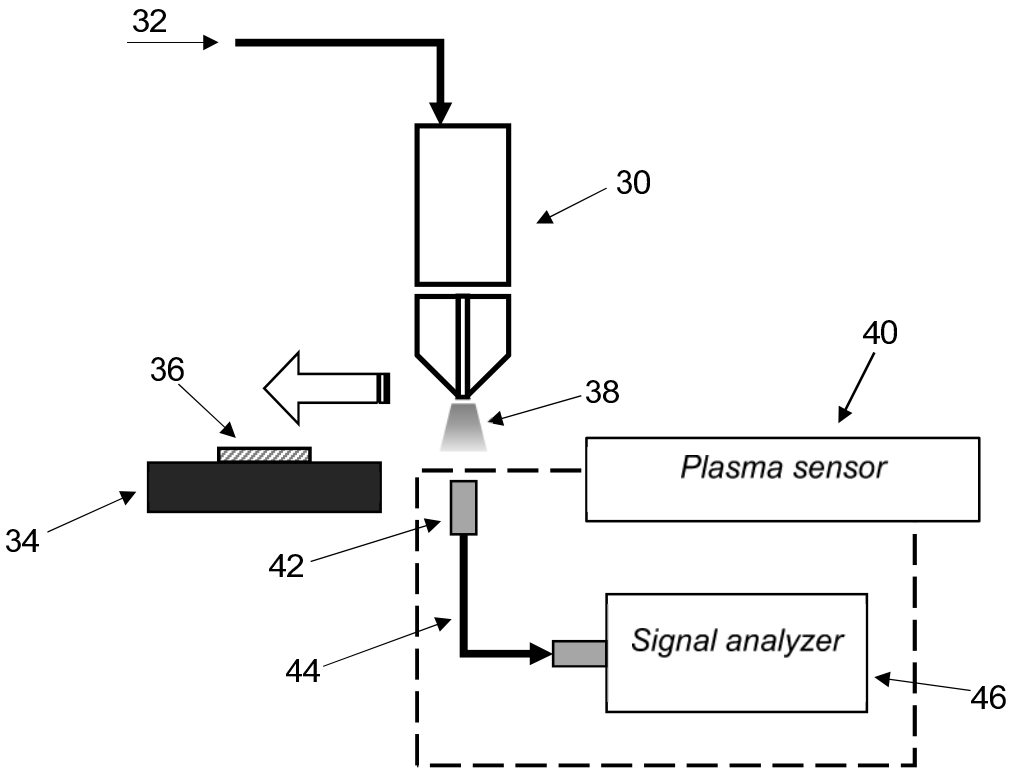

32
30
40
36
38
Plasma sensor
34
42
44
Signal analyzer
46

FIG. 2

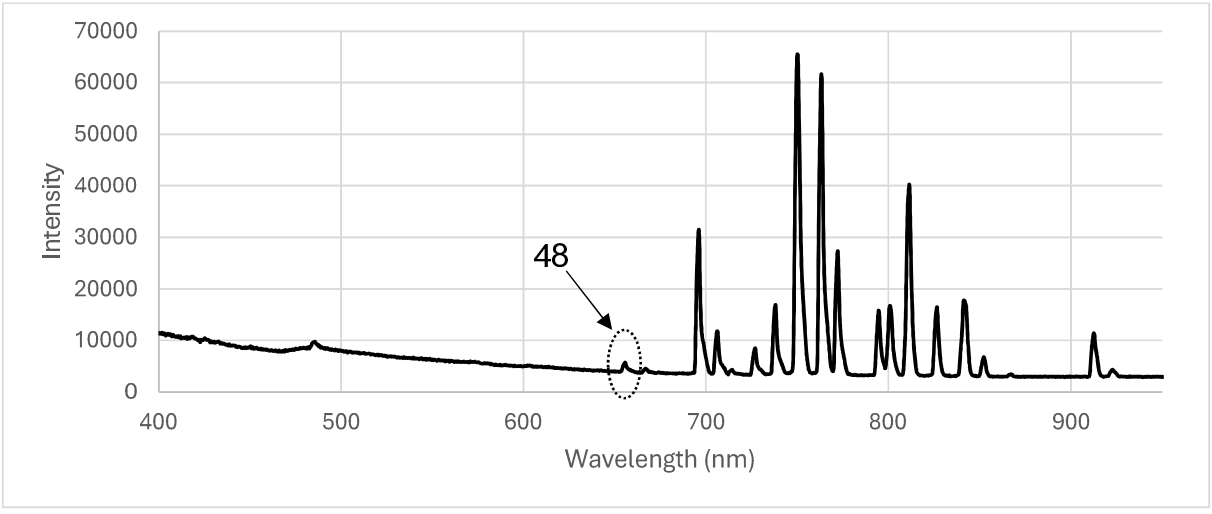

70000
60000
50000
40000
30000
20000
10000
0
Intensity
48
400
500
600
700
800
900
Wavelength (nm)

FIG. 3

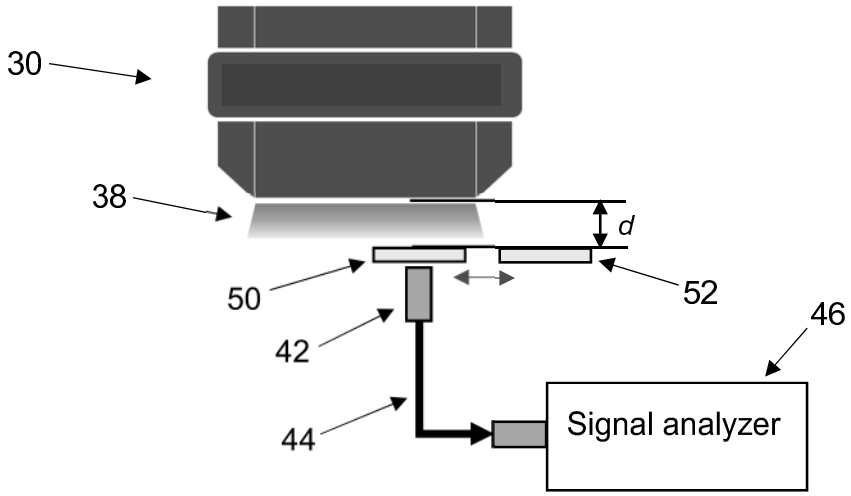

30
38
d
50
52
42
46
44
Signal analyzer

FIG. 4

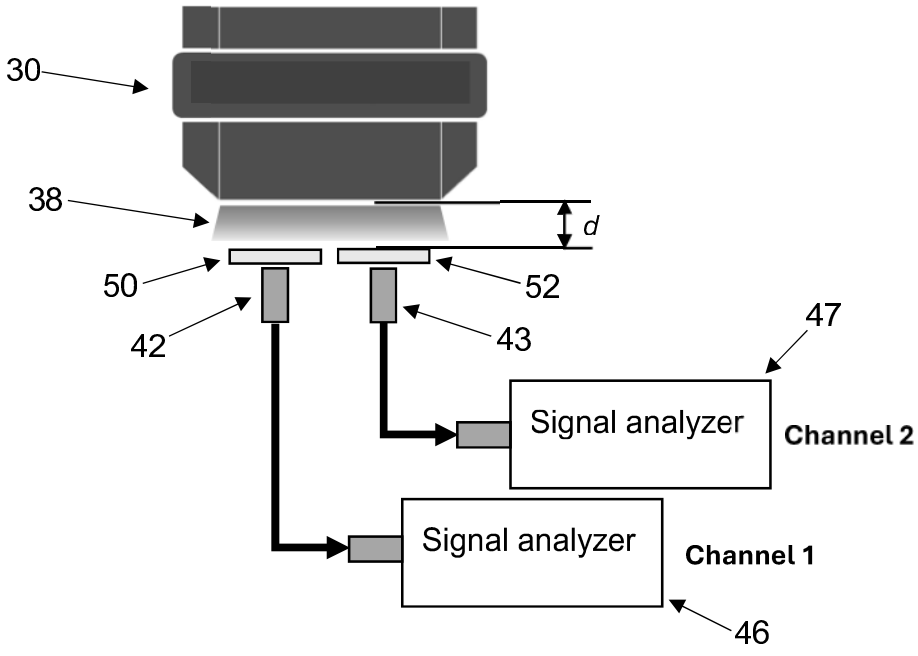

30
38
d
50
52
42
43
47
Signal analyzer
Channel 2
Signal analyzer
Channel 1
46

FIG. 5

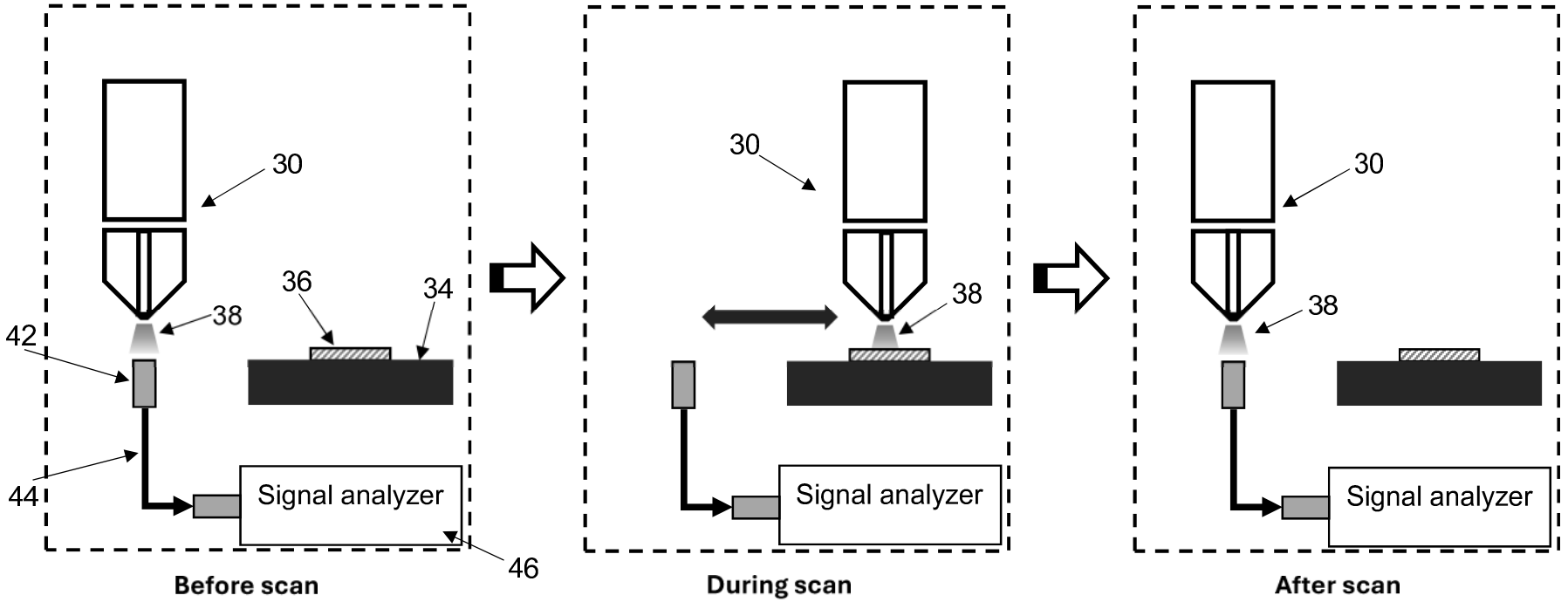


FIG. 6A

FIG. 6B

FIG. 6C

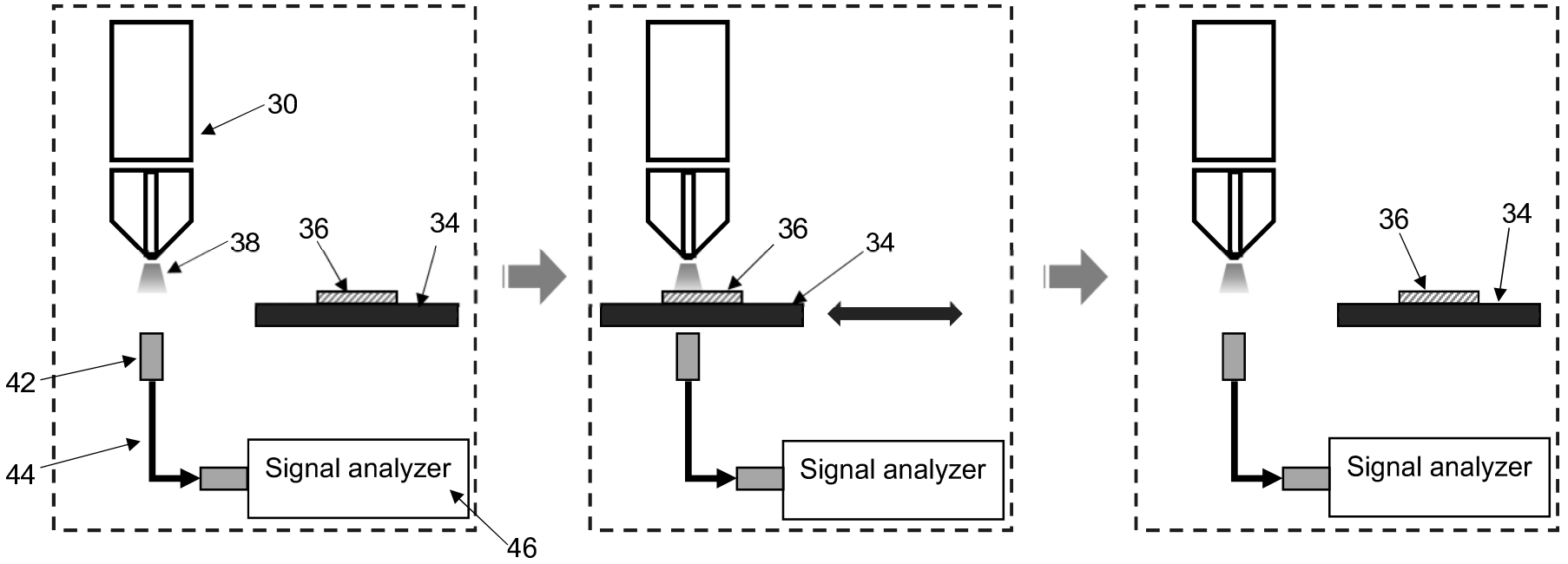


FIG. 7A

FIG. 7B

FIG. 7C

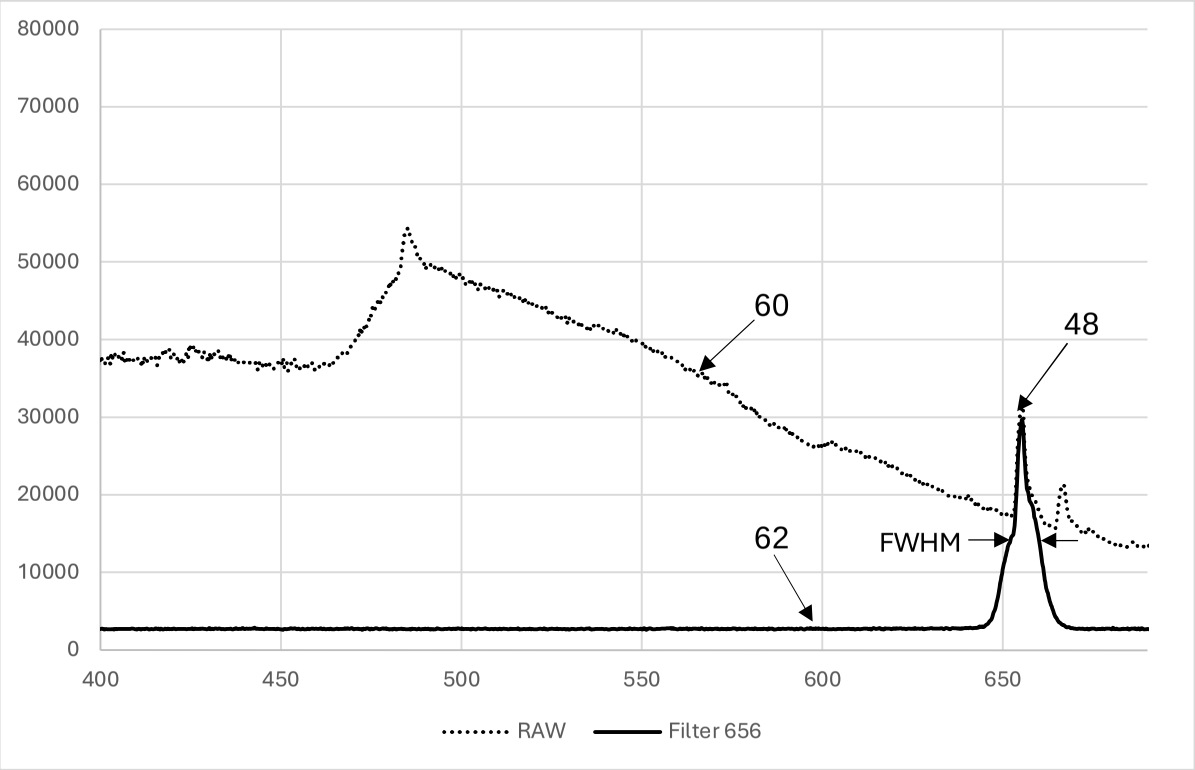

80000
70000
60000
50000
40000
30000
20000
10000
0
400
450
500
550
600
650
60
48
62
FWHM
RAW
Filter 656

FIG. 8