

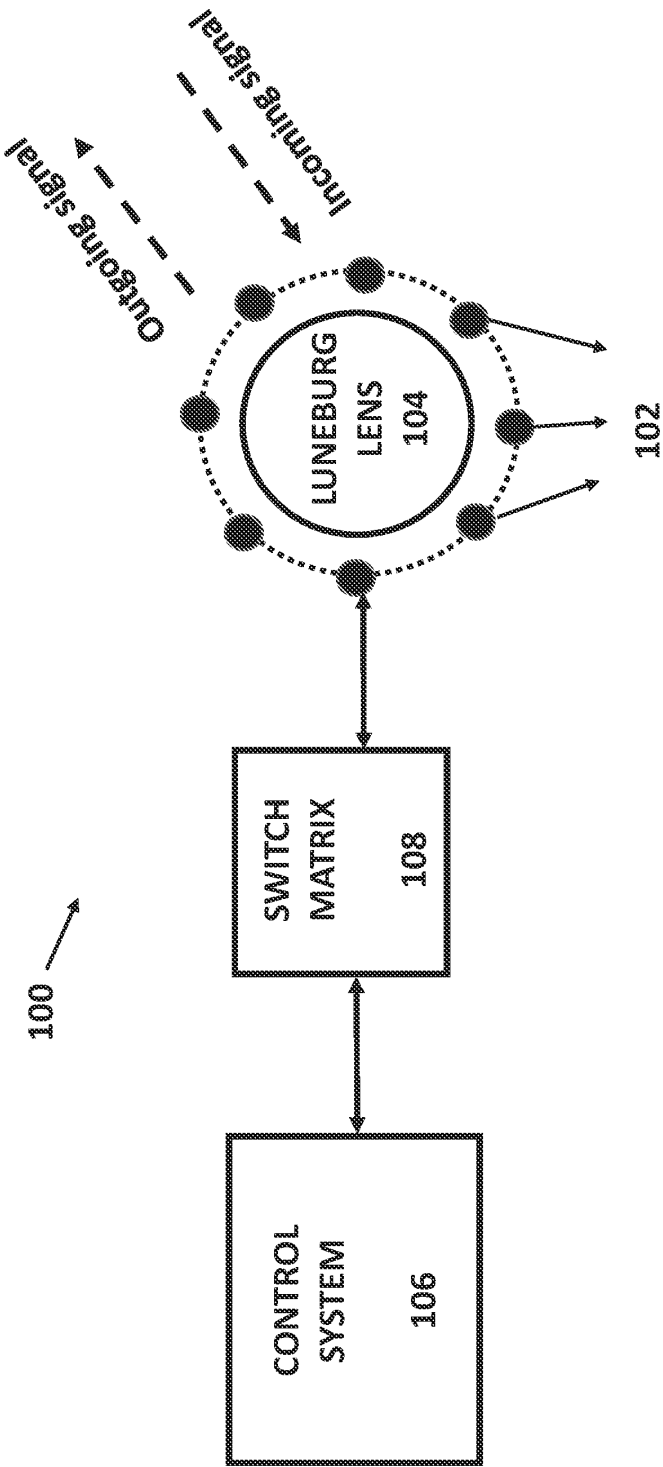


FIG. 1

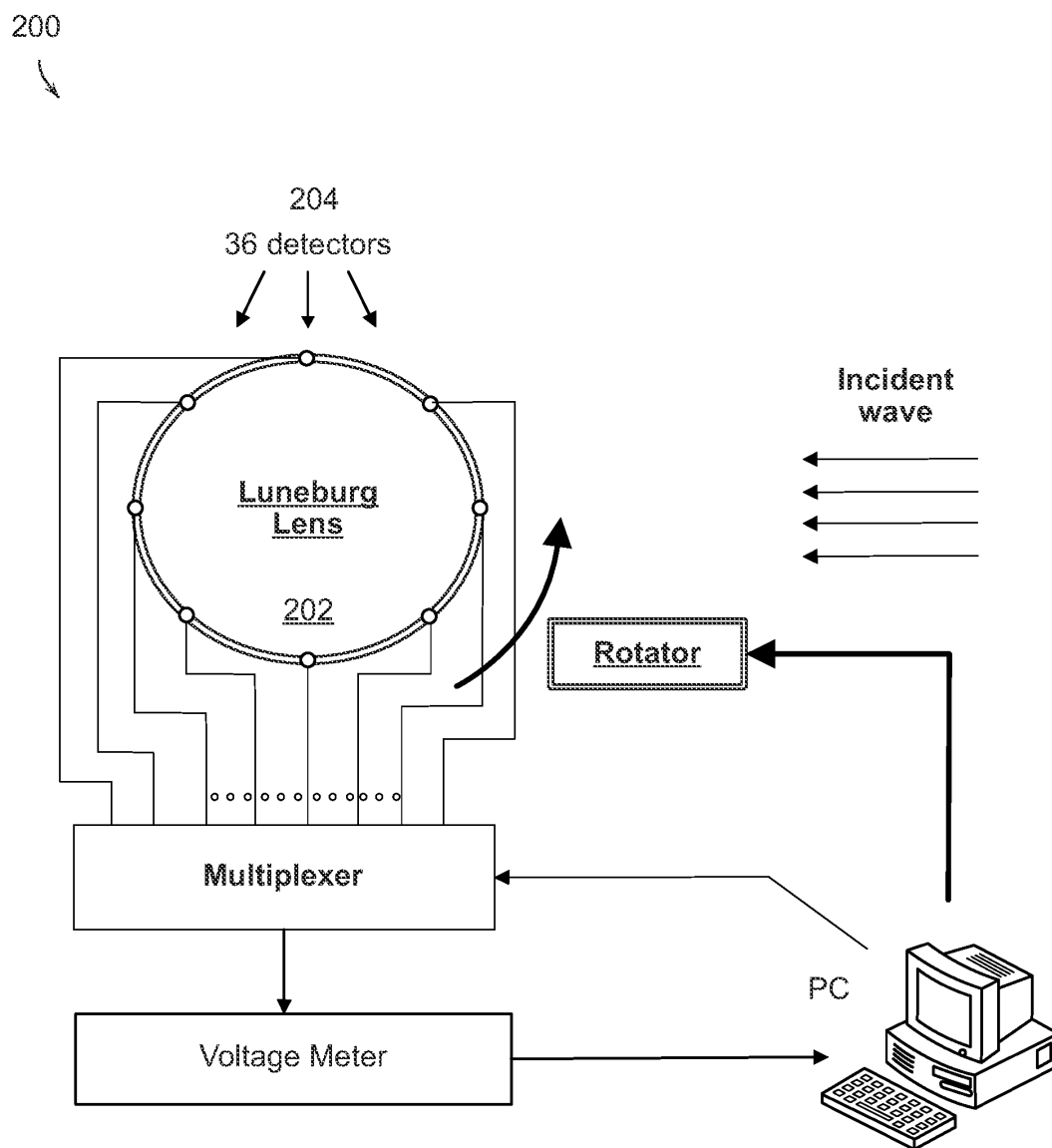


FIG. 2

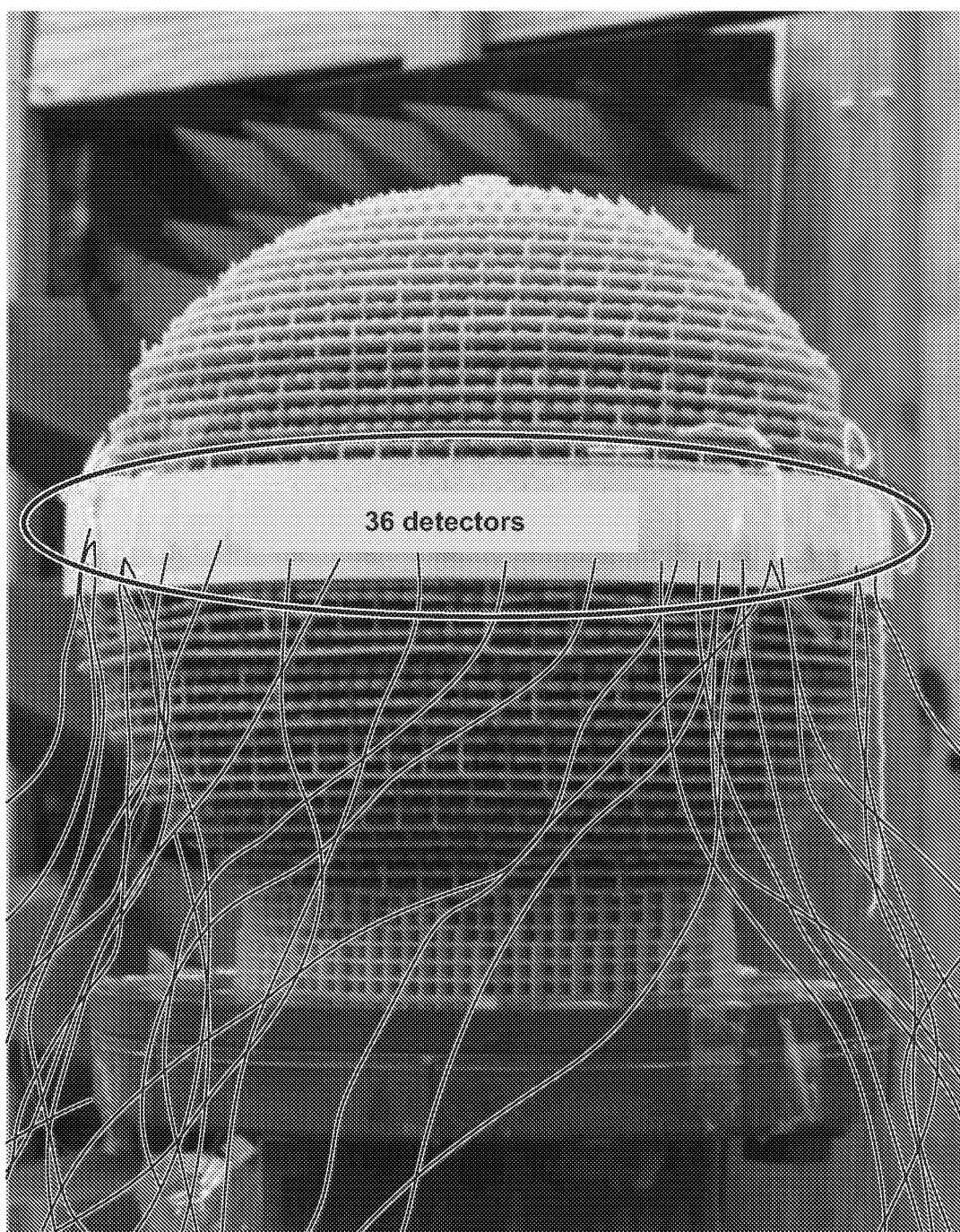


FIG. 3

4/23

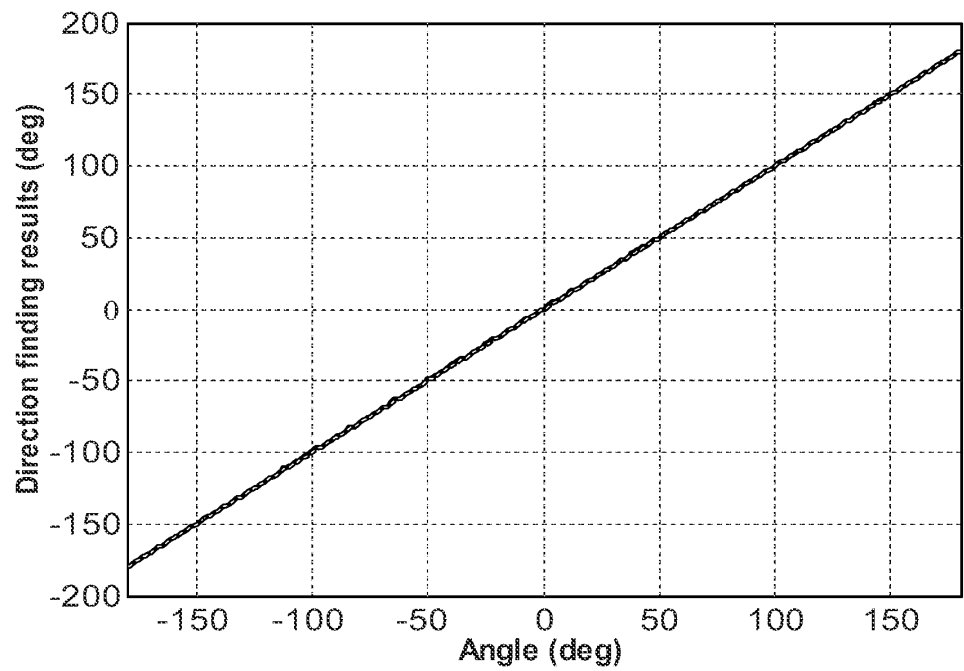


FIG. 4A

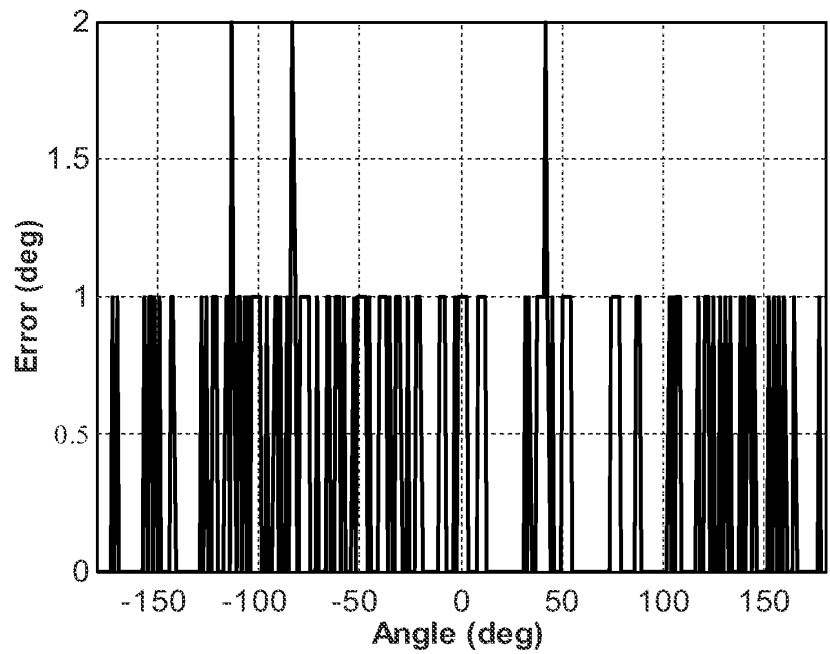


FIG. 4B

5/23

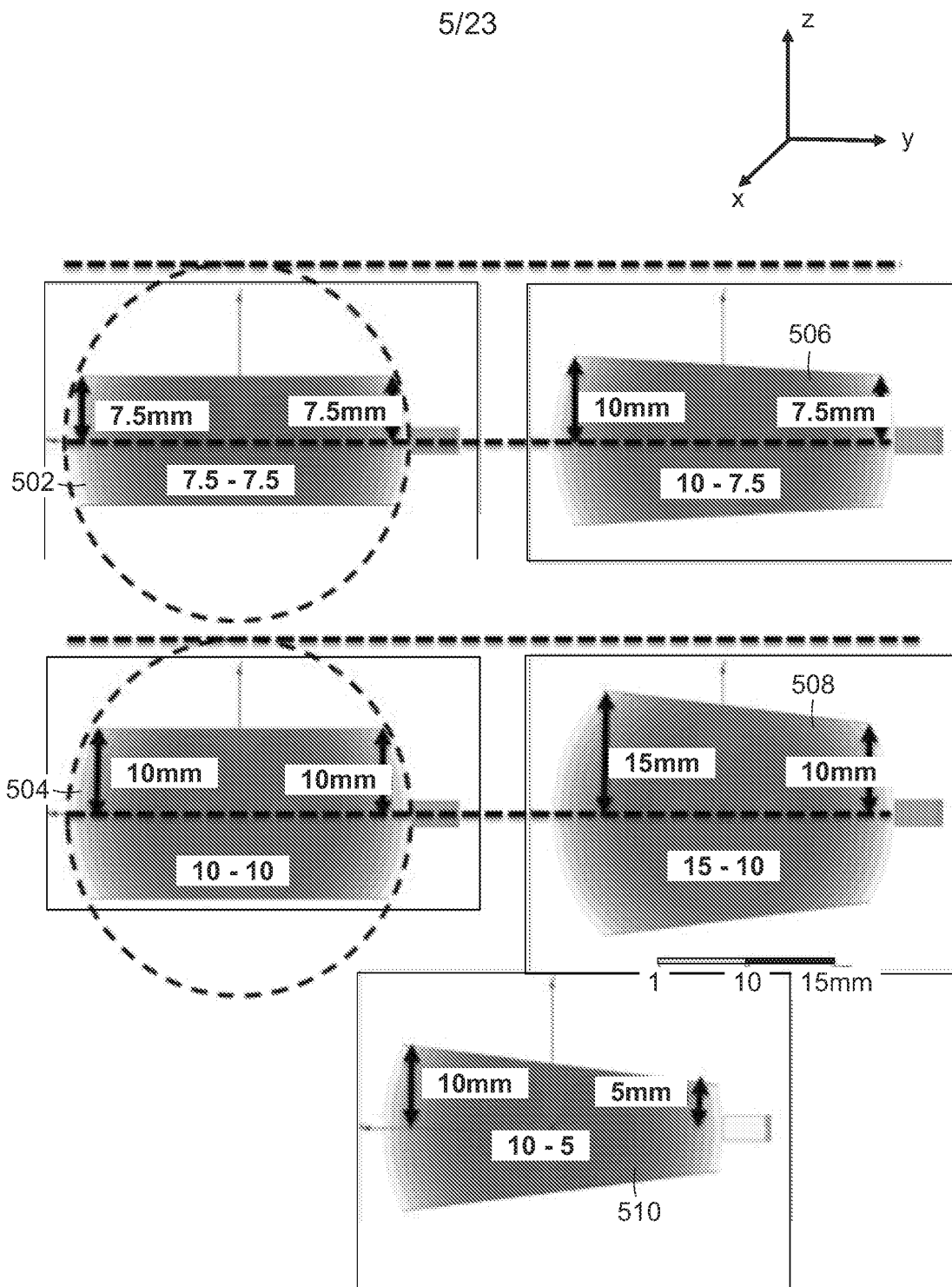


FIG. 5A

6/23

Elevation pattern
76GHz vertical radiation patterns

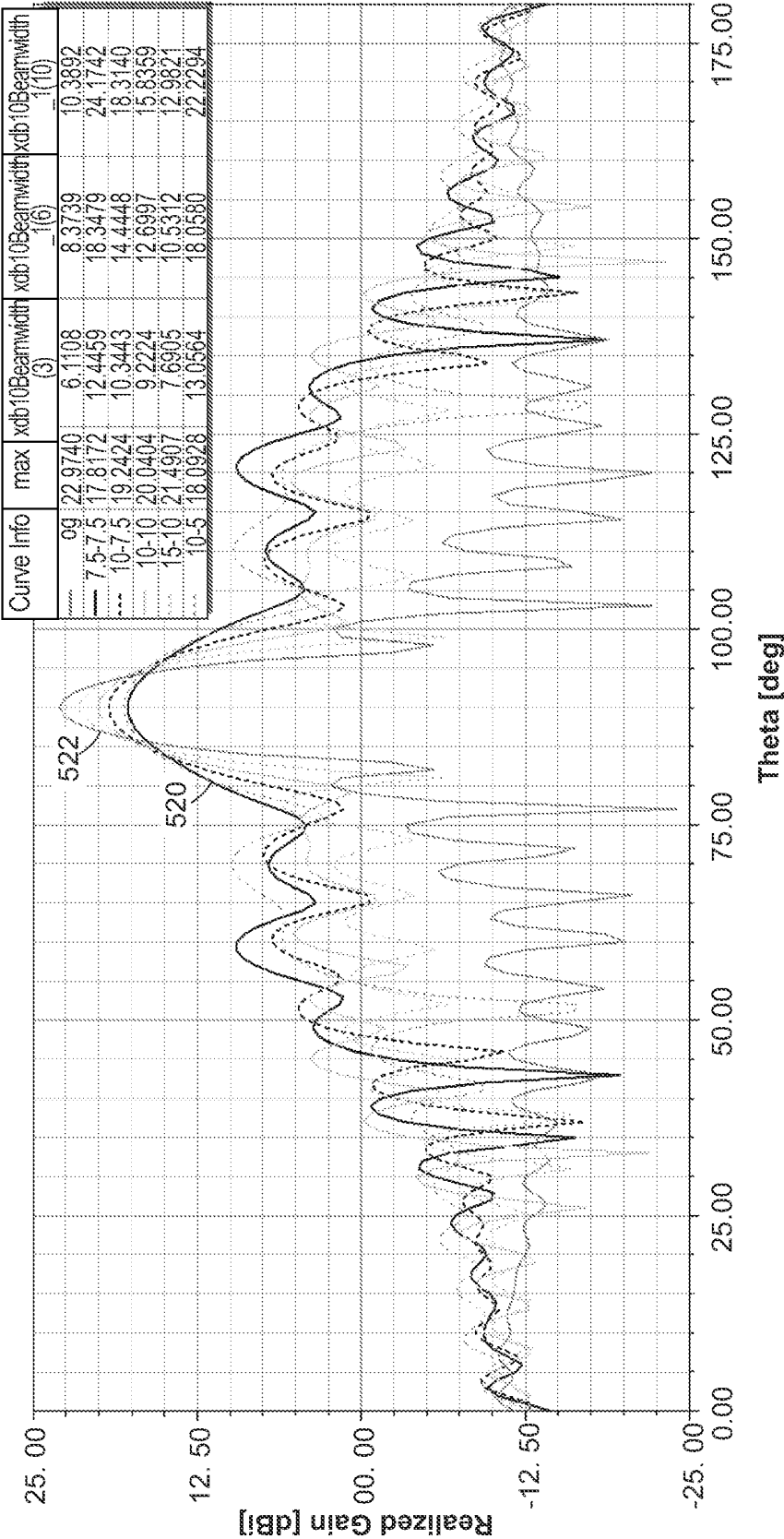


FIG. 5B

7/23

Horizontal pattern
76GHz Horizontal radiation patterns

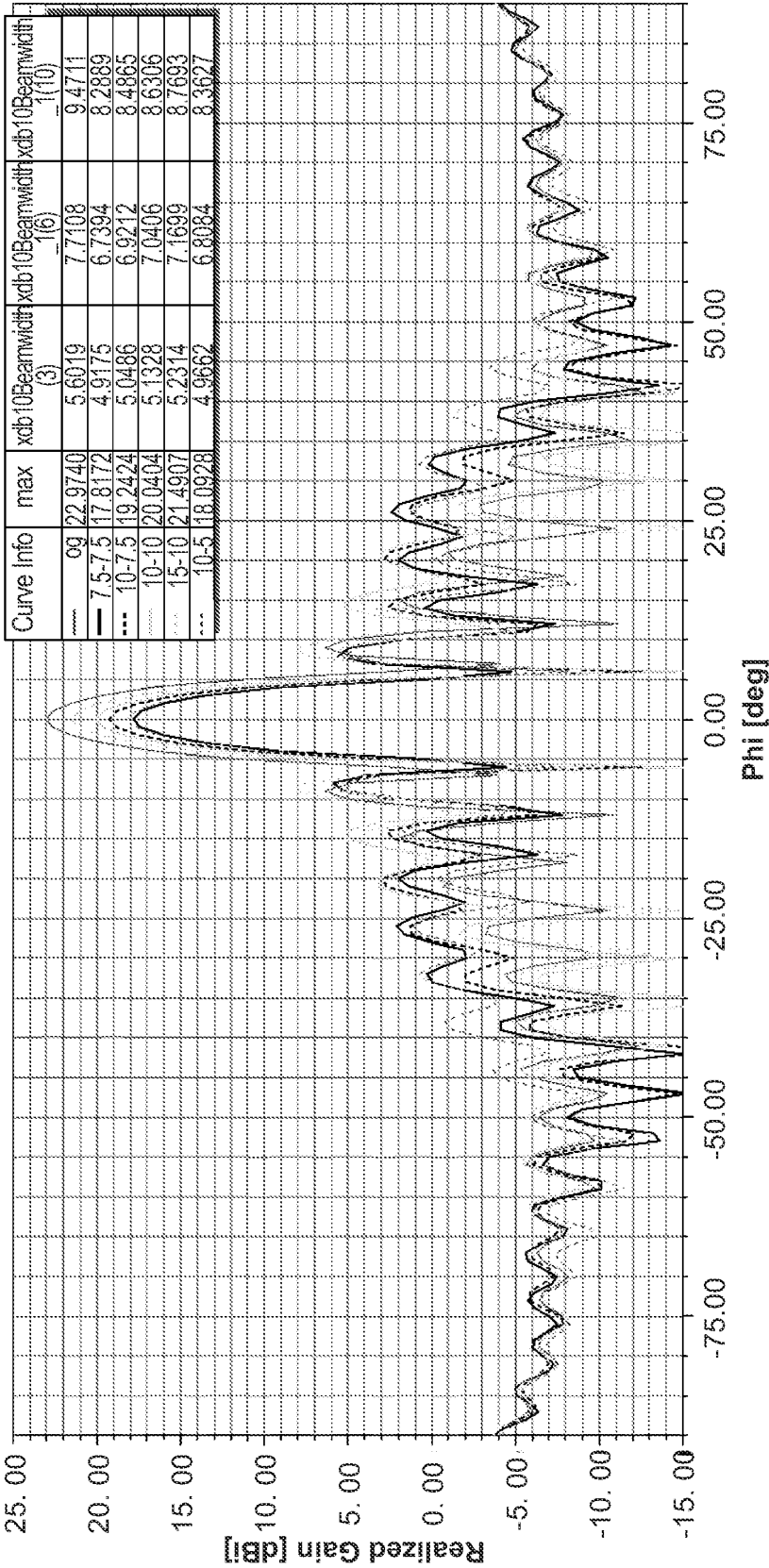


FIG. 5C

8/23

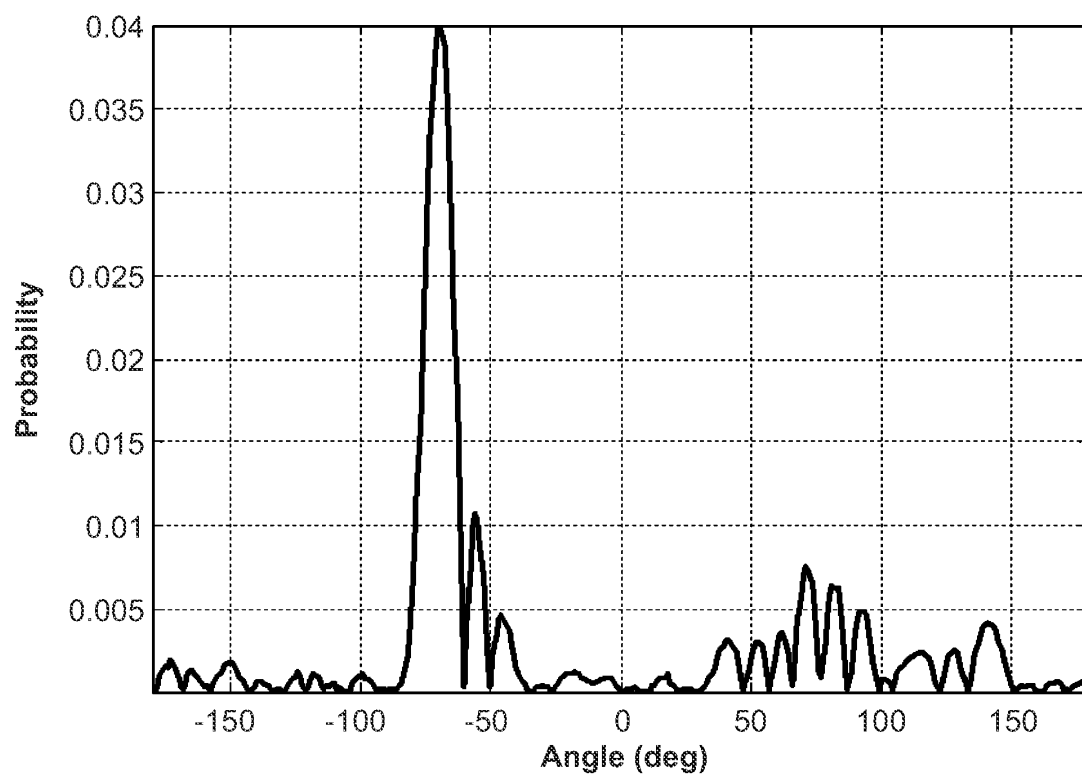


FIG. 6A

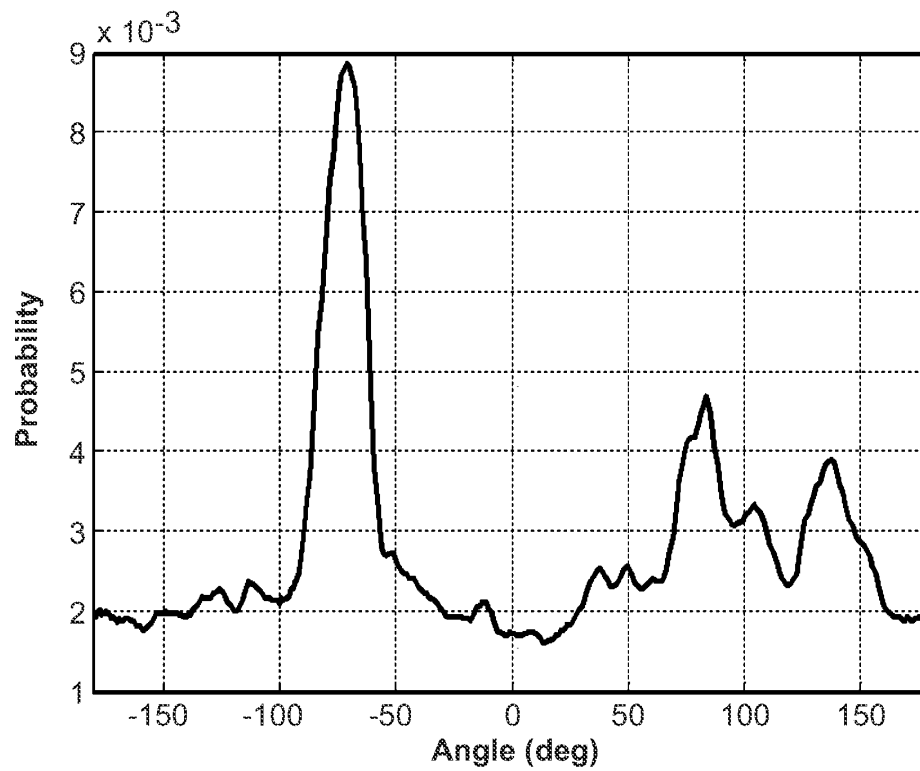


FIG. 6B

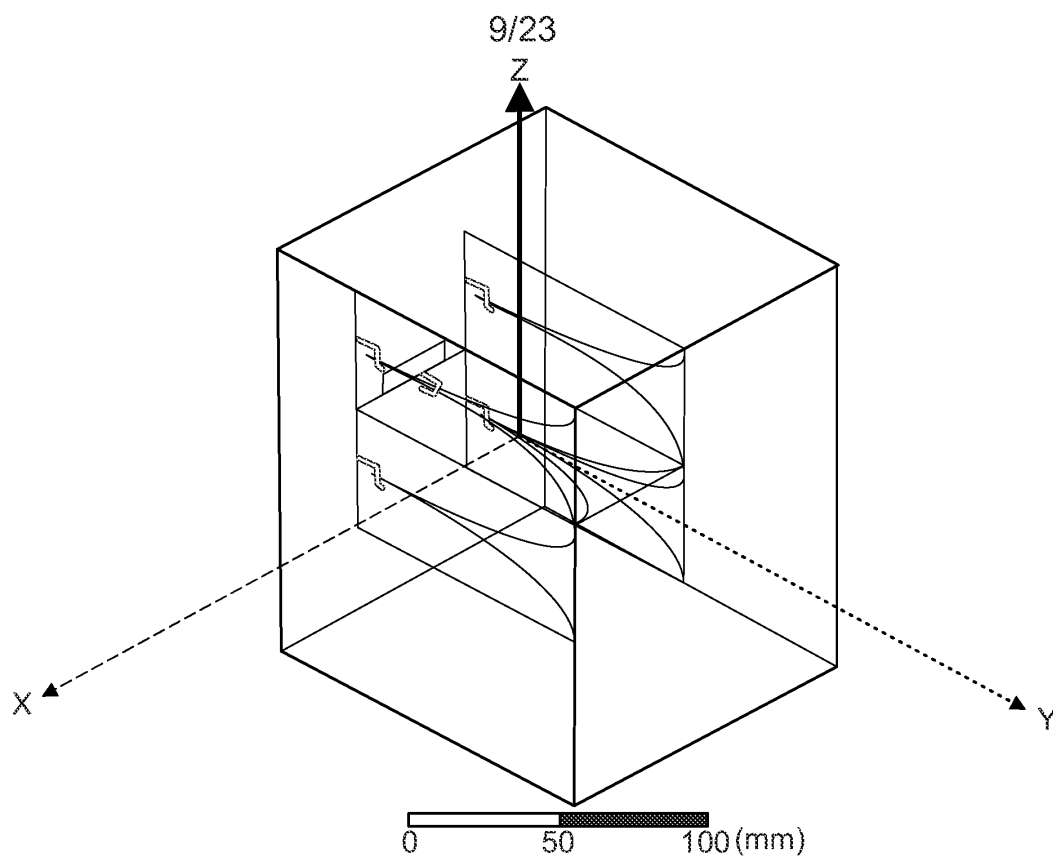


FIG. 7A

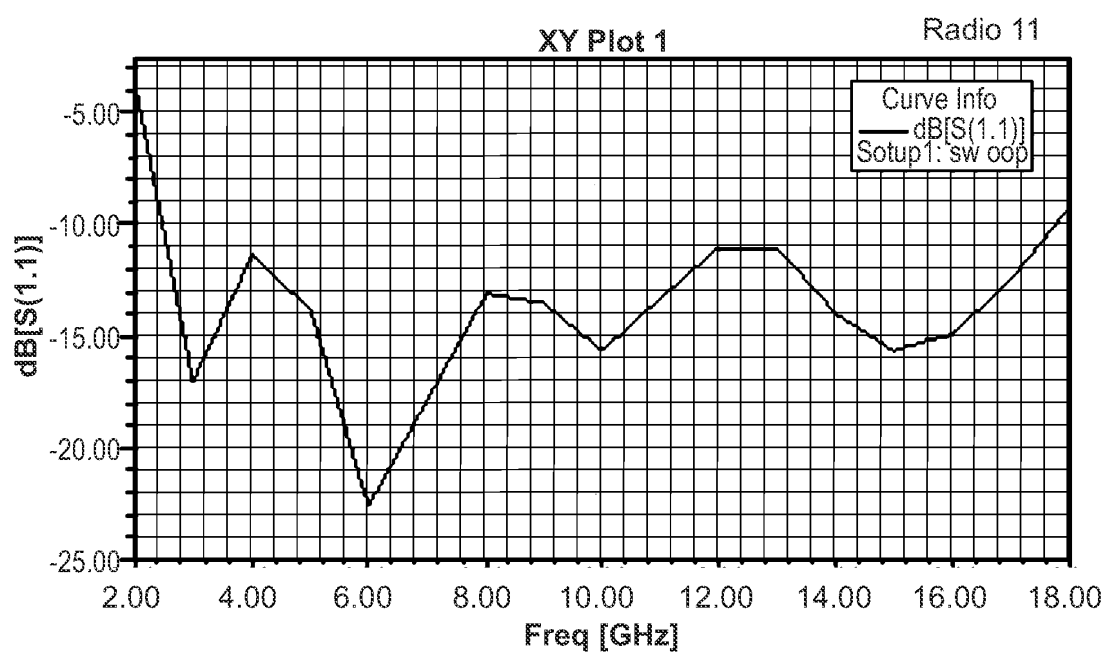
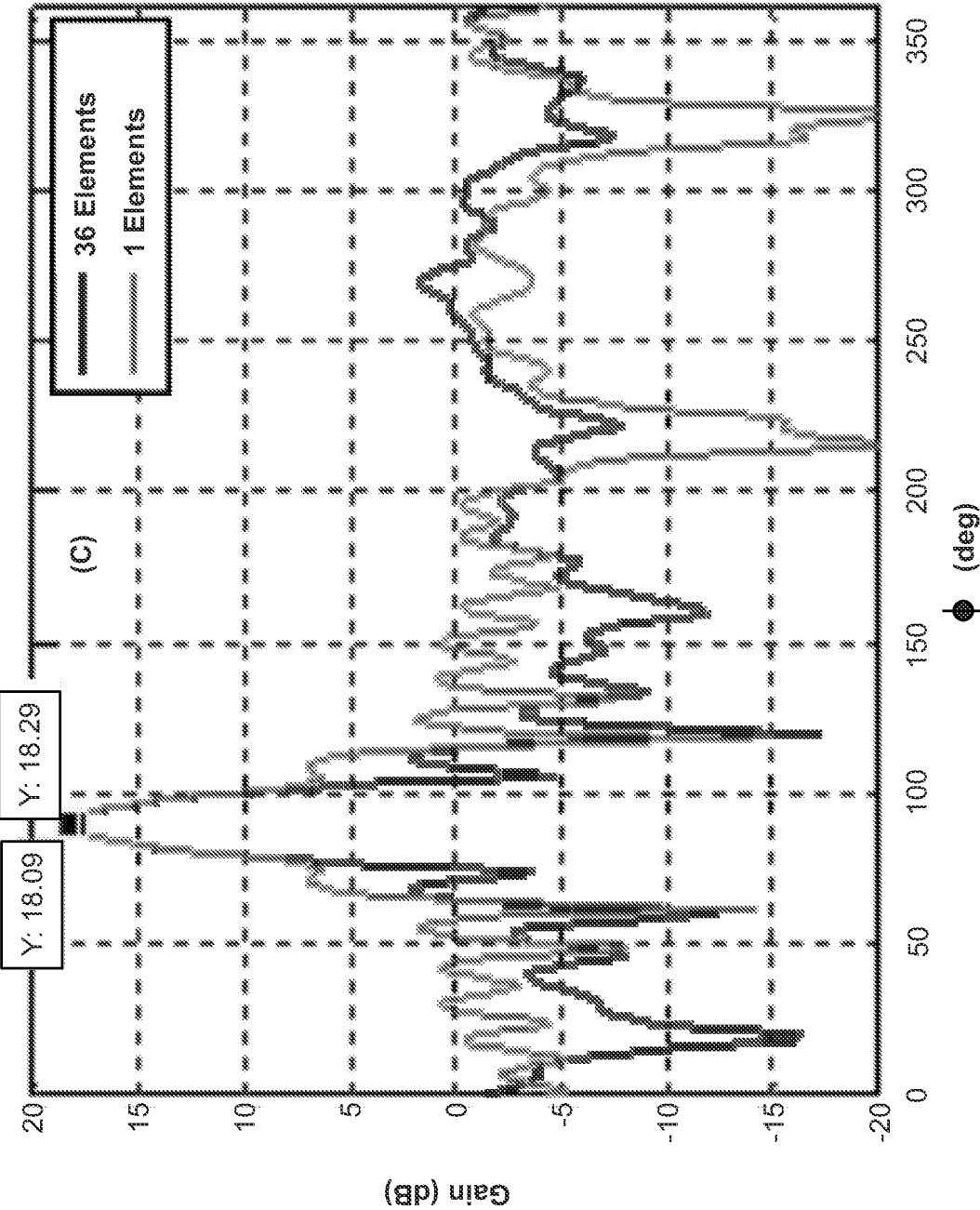


FIG. 7B

10/23

FIG. 8A



11/23

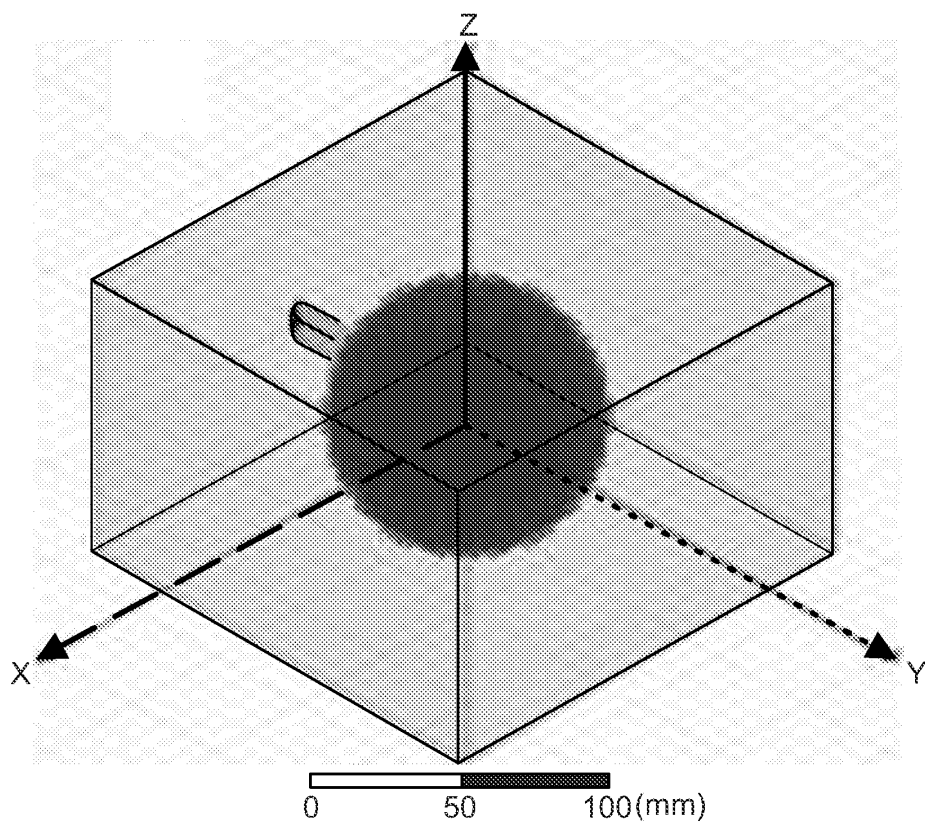


FIG. 8B

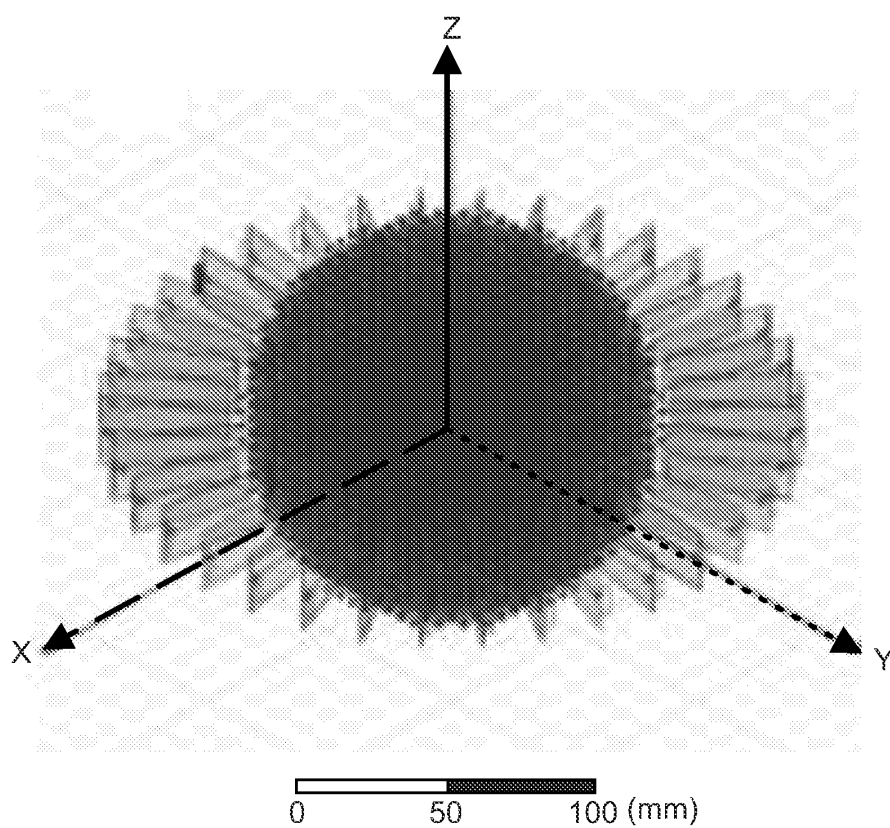


FIG. 8C

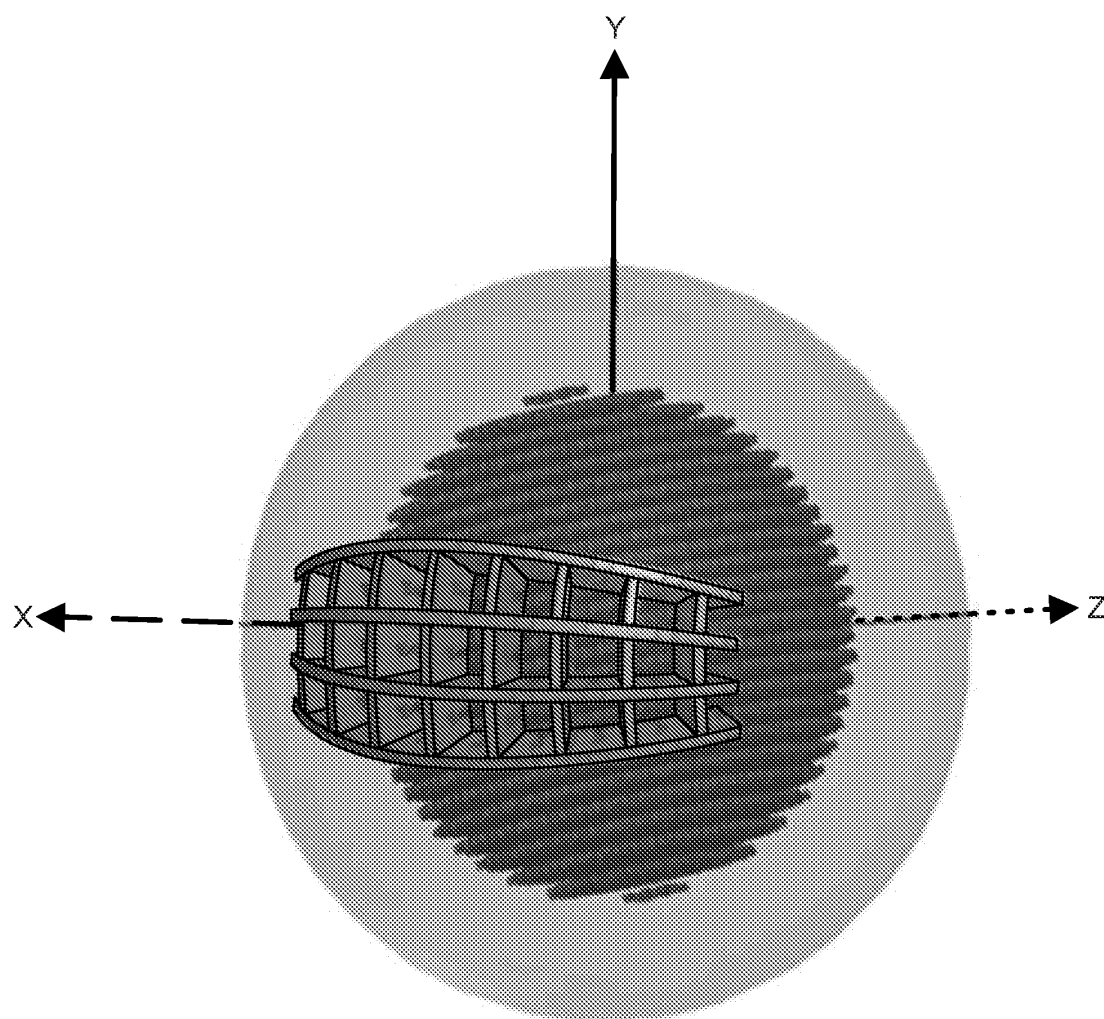
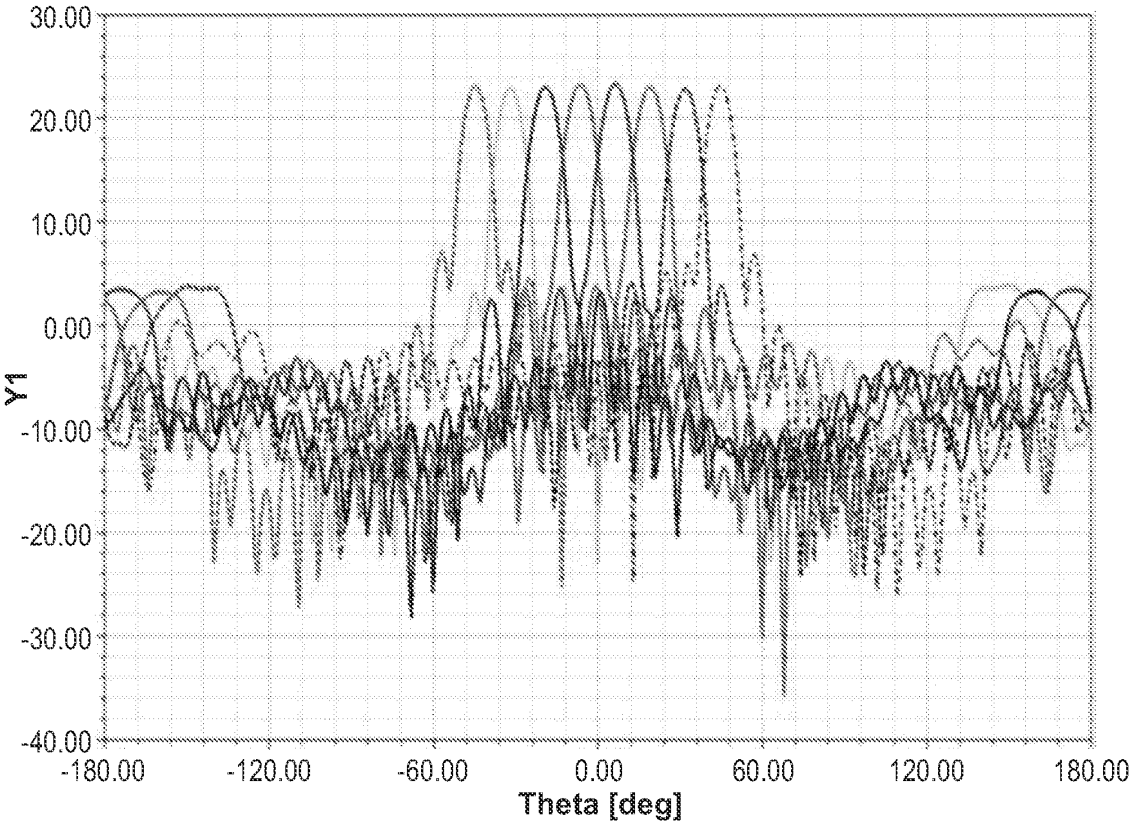


FIG. 9

Curve Info	max	xdb10Beamwidth(3)
*** dB(RealizedGainTotal) Setup1: Sweep Freq='6GHz'Phi='180deg'	23.0412	7.7079
----- dB(RealizedGainTotal)_1 Imported Freq='6GHz'Phi='180deg'	23.2759	8.5236
----- dB(RealizedGainTotal)_2 Imported Freq='6GHz'Phi='180deg'	23.2294	8.4983
----- dB(RealizedGainTotal)_3 Imported Freq='6GHz'Phi='180deg'	23.0027	8.4655
----- dB(RealizedGainTotal)_4 Imported Freq='6GHz'Phi='180deg'	22.8500	8.1328
----- dB(RealizedGainTotal)_5 Imported Freq='6GHz'Phi='180deg'	23.0286	7.7024
----- dB(RealizedGainTotal)_6 Imported Freq='6GHz'Phi='180deg'	22.9884	8.4606
----- dB(RealizedGainTotal)_7 Imported Freq='6GHz'Phi='180deg'	22.8415	8.1482

FIG. 10



14/23

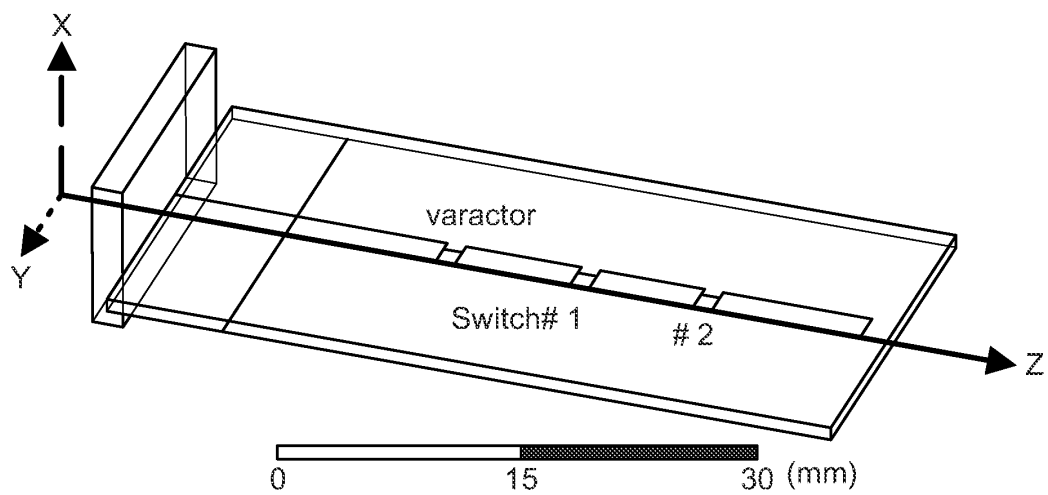


FIG. 11A

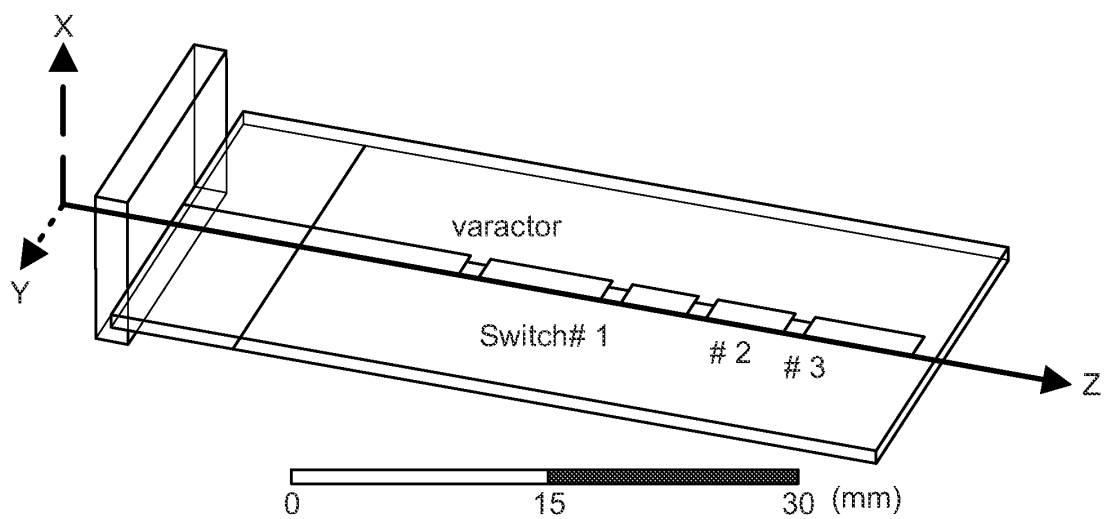


FIG. 11B

15/23

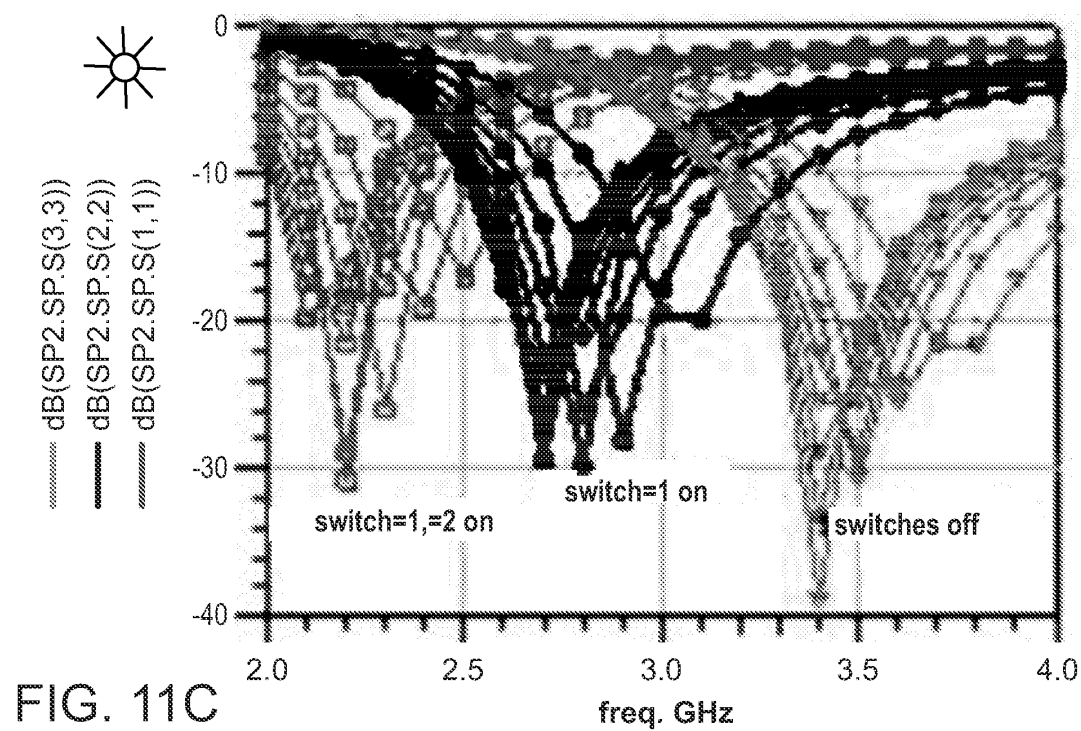


FIG. 11C

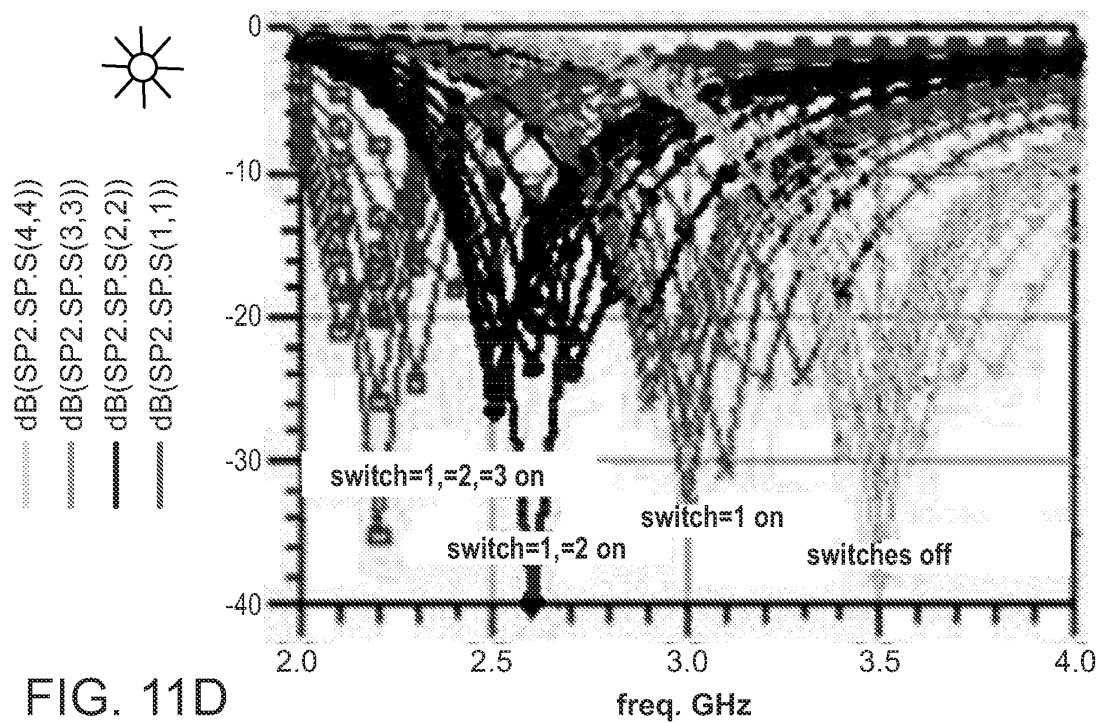


FIG. 11D

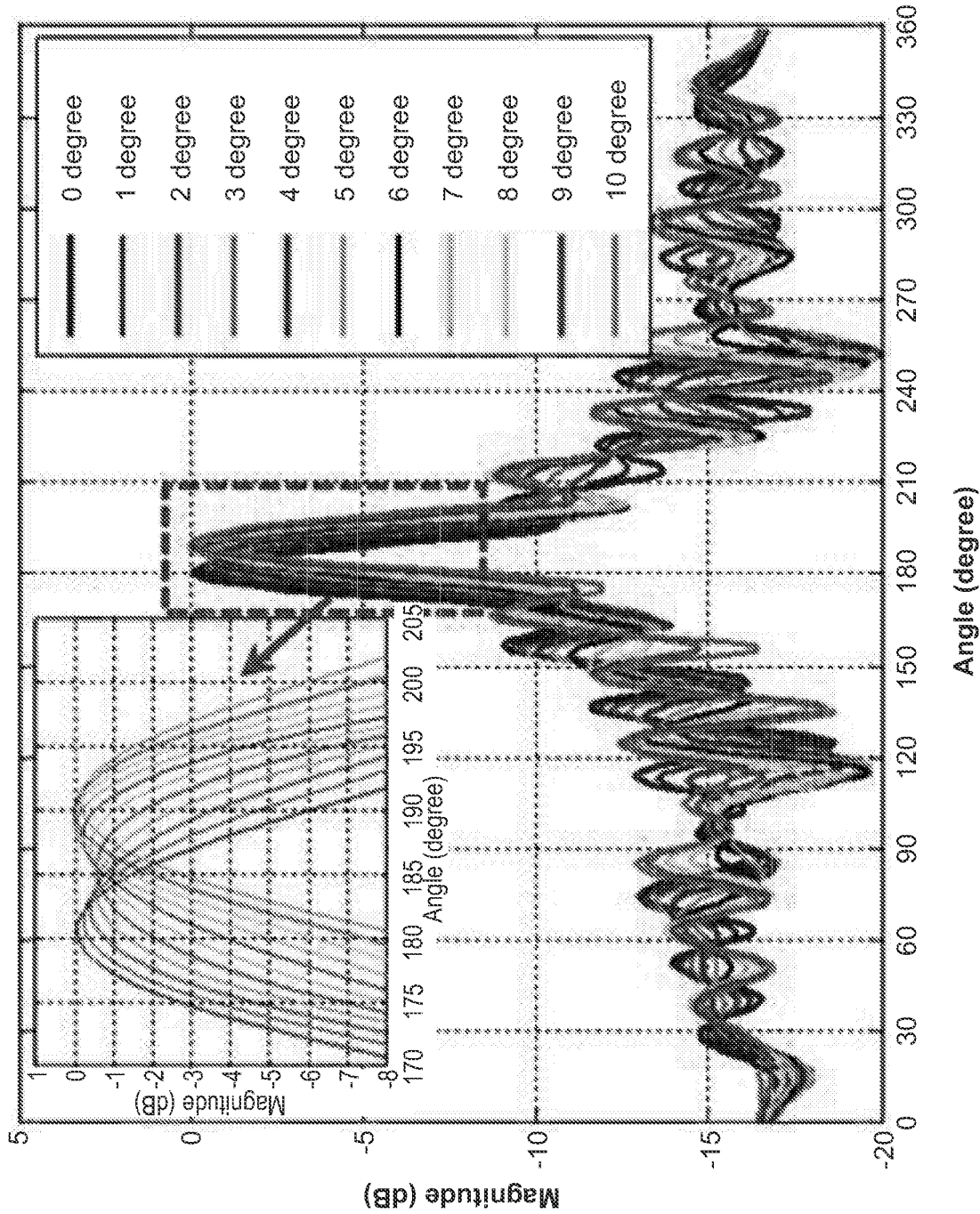


FIG. 12

17/23

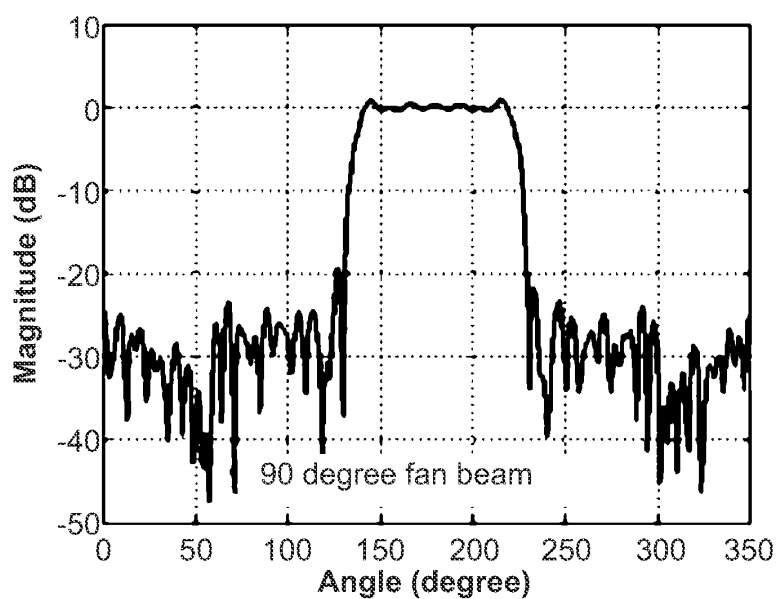


FIG. 13A

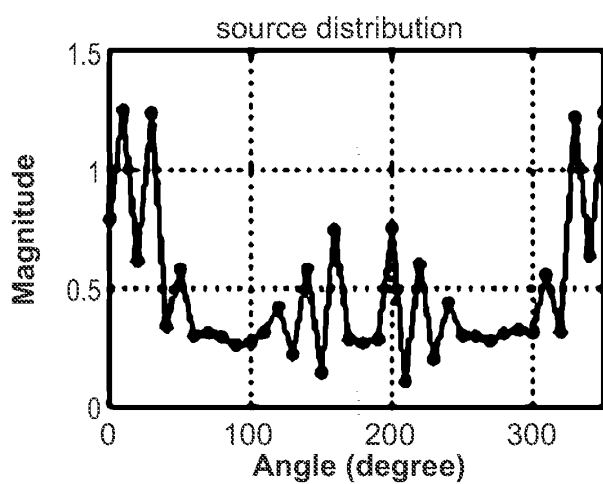


FIG. 13B

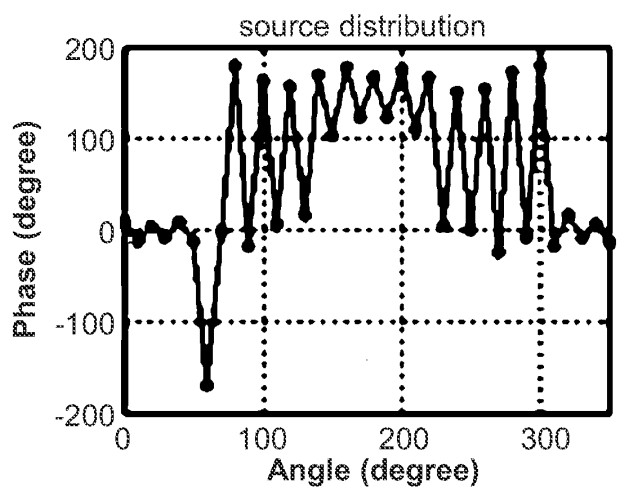


FIG. 13C

18/23

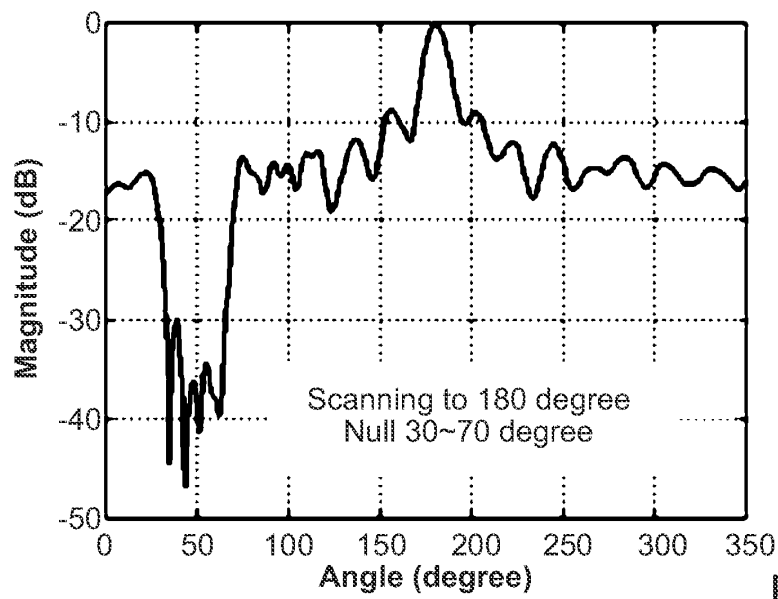


FIG. 14A

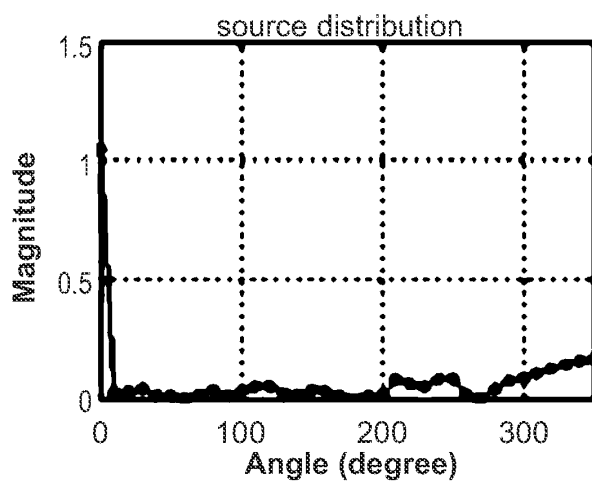


FIG. 14B

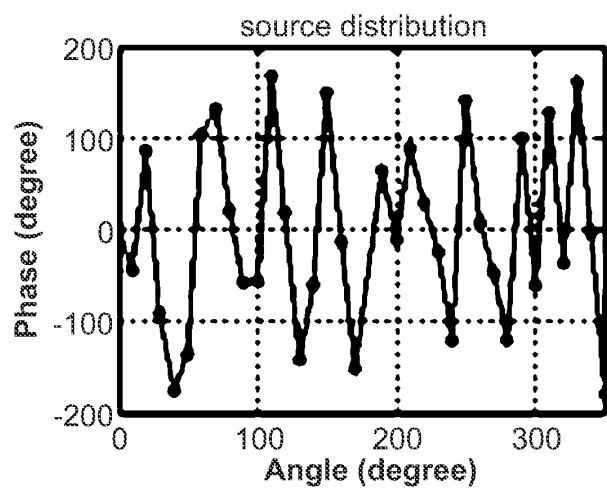


FIG. 14C

19/23

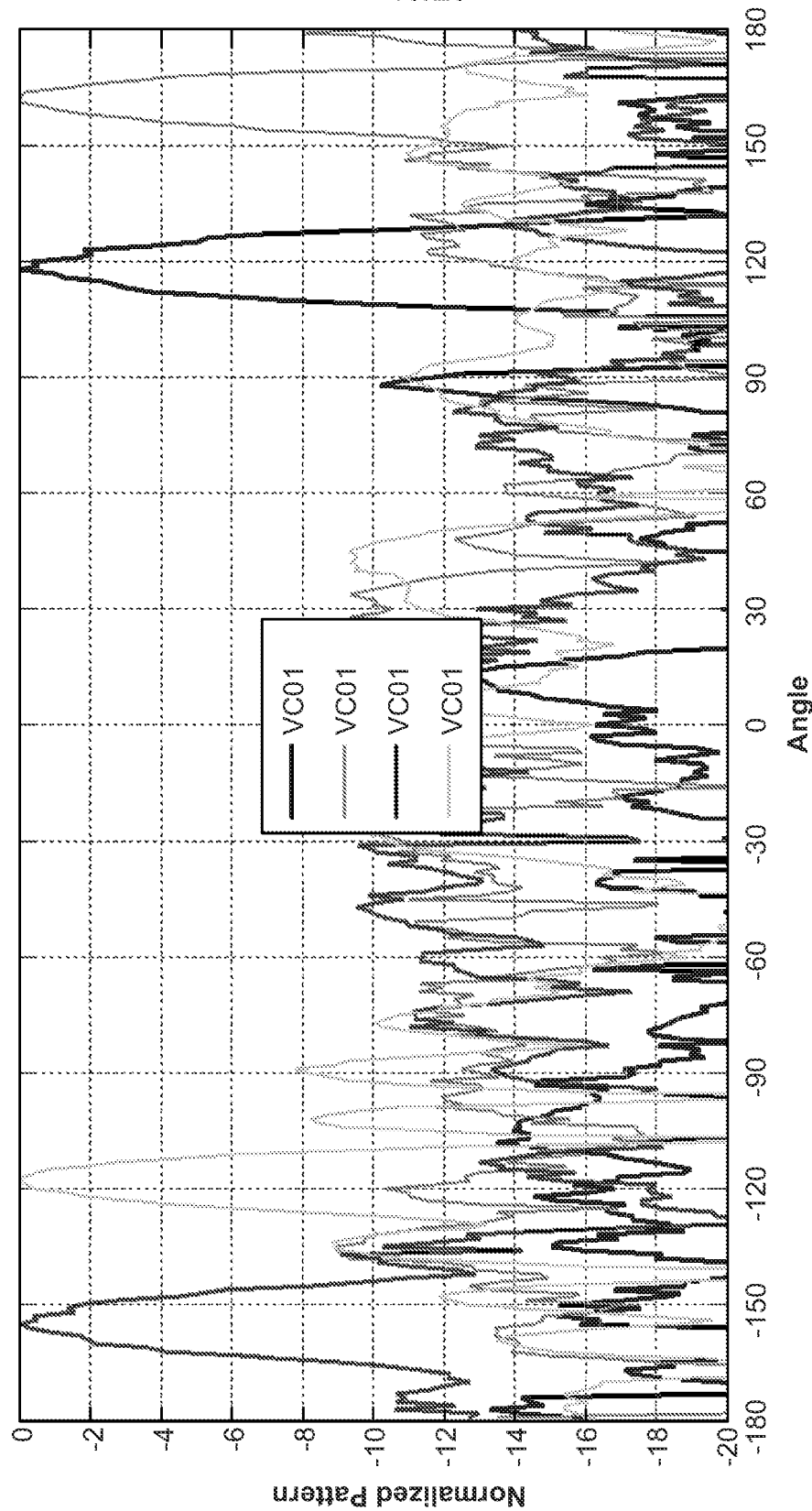


FIG. 15

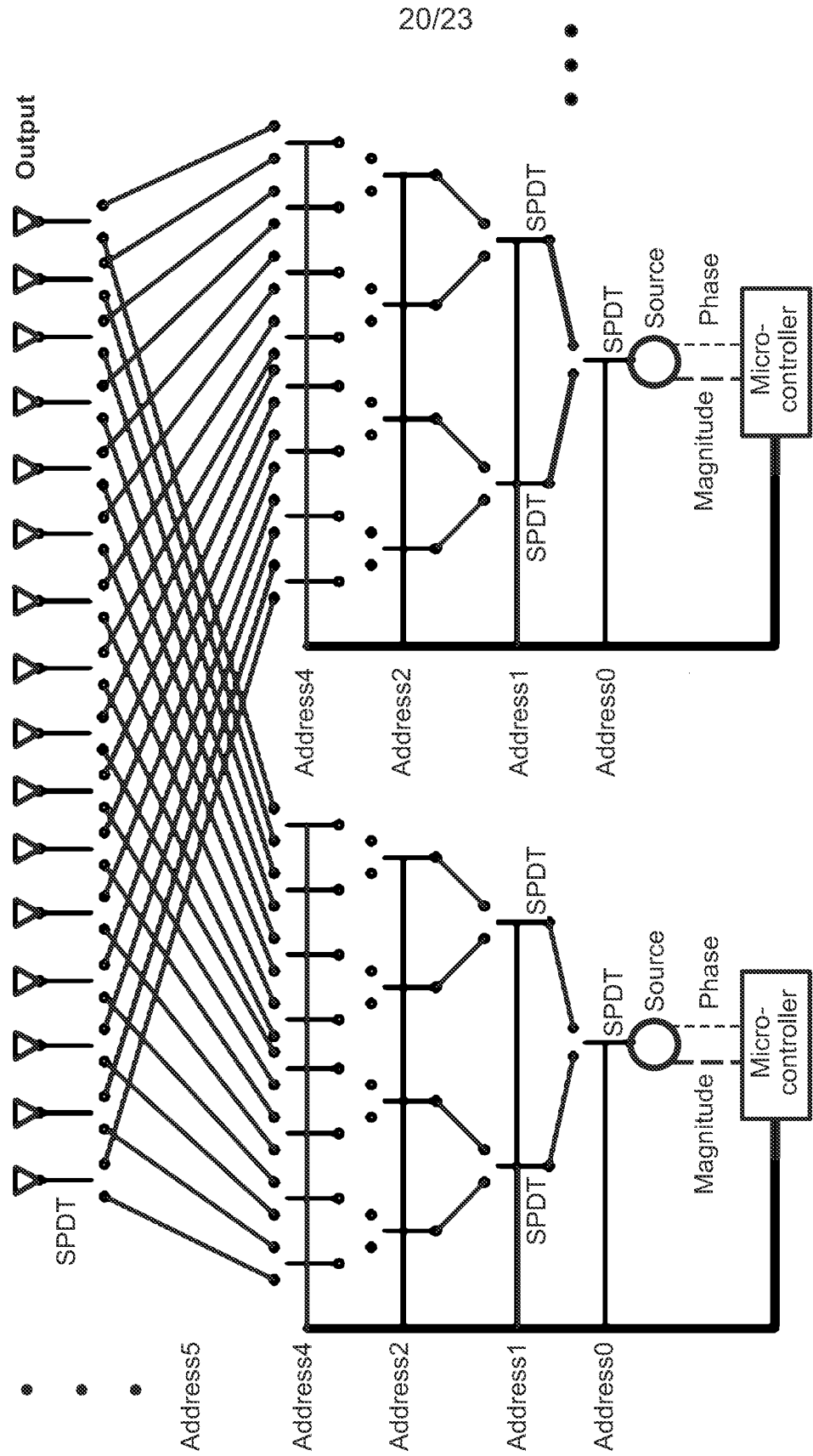
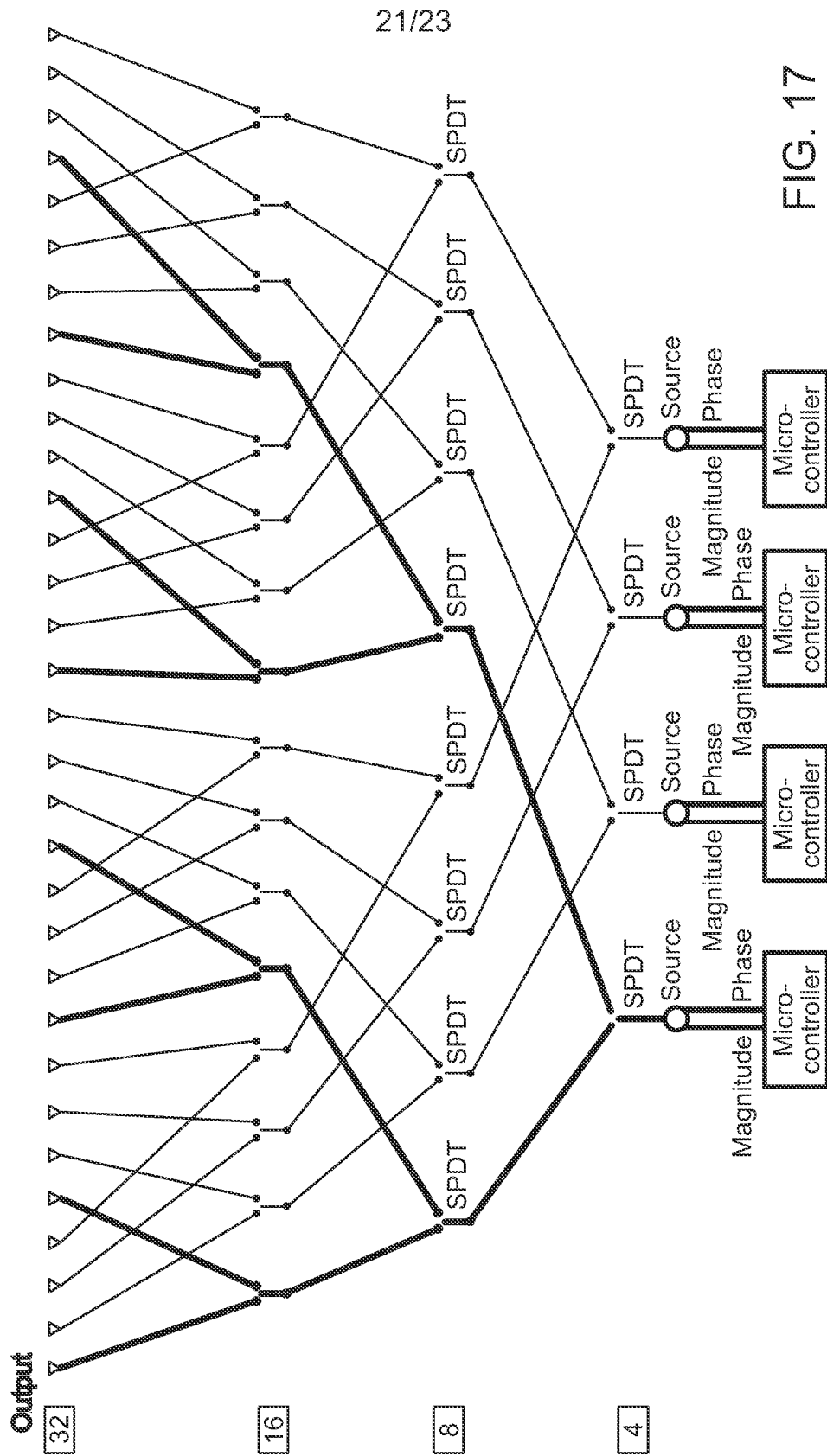


FIG. 16



715

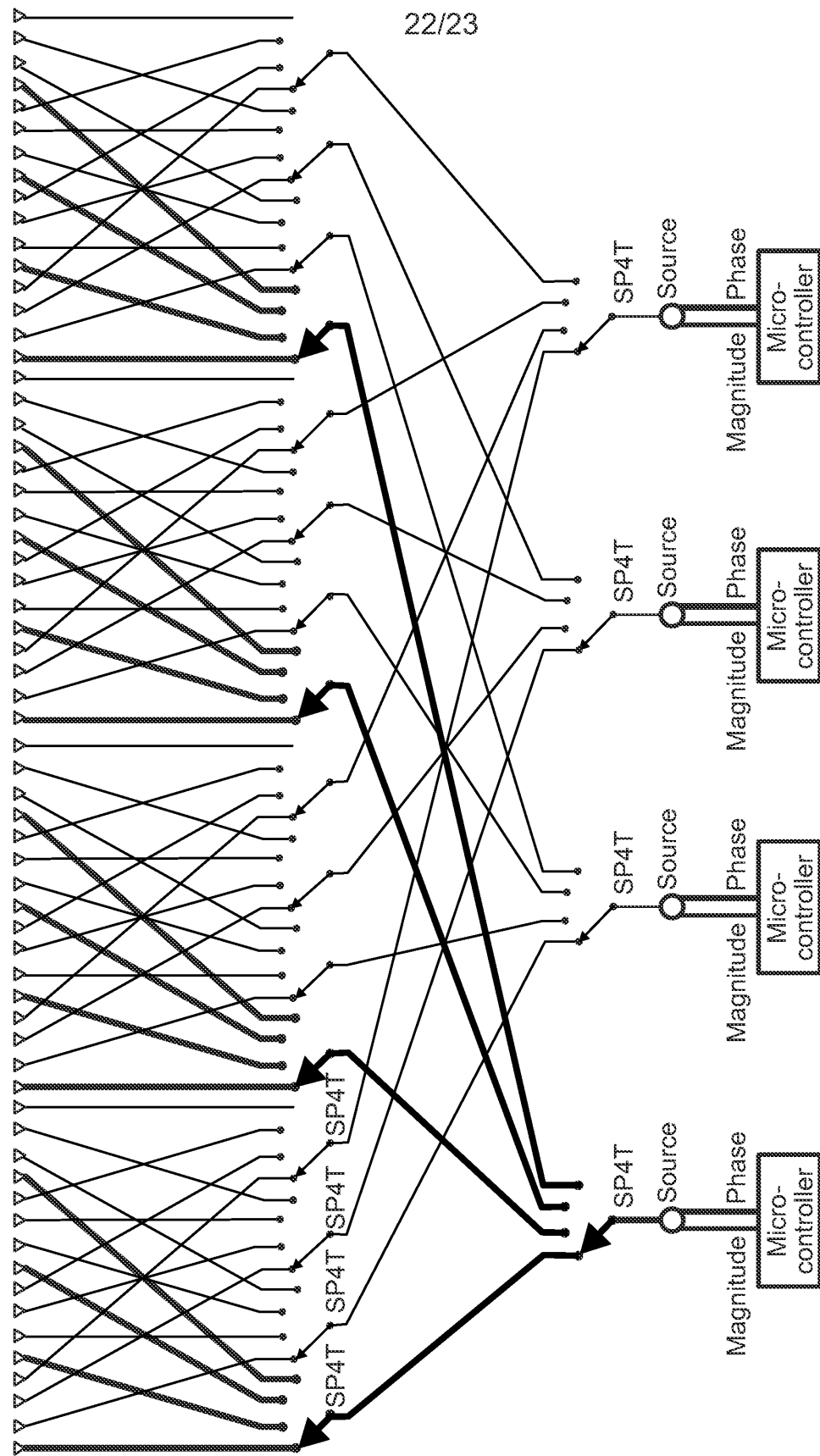


FIG. 18

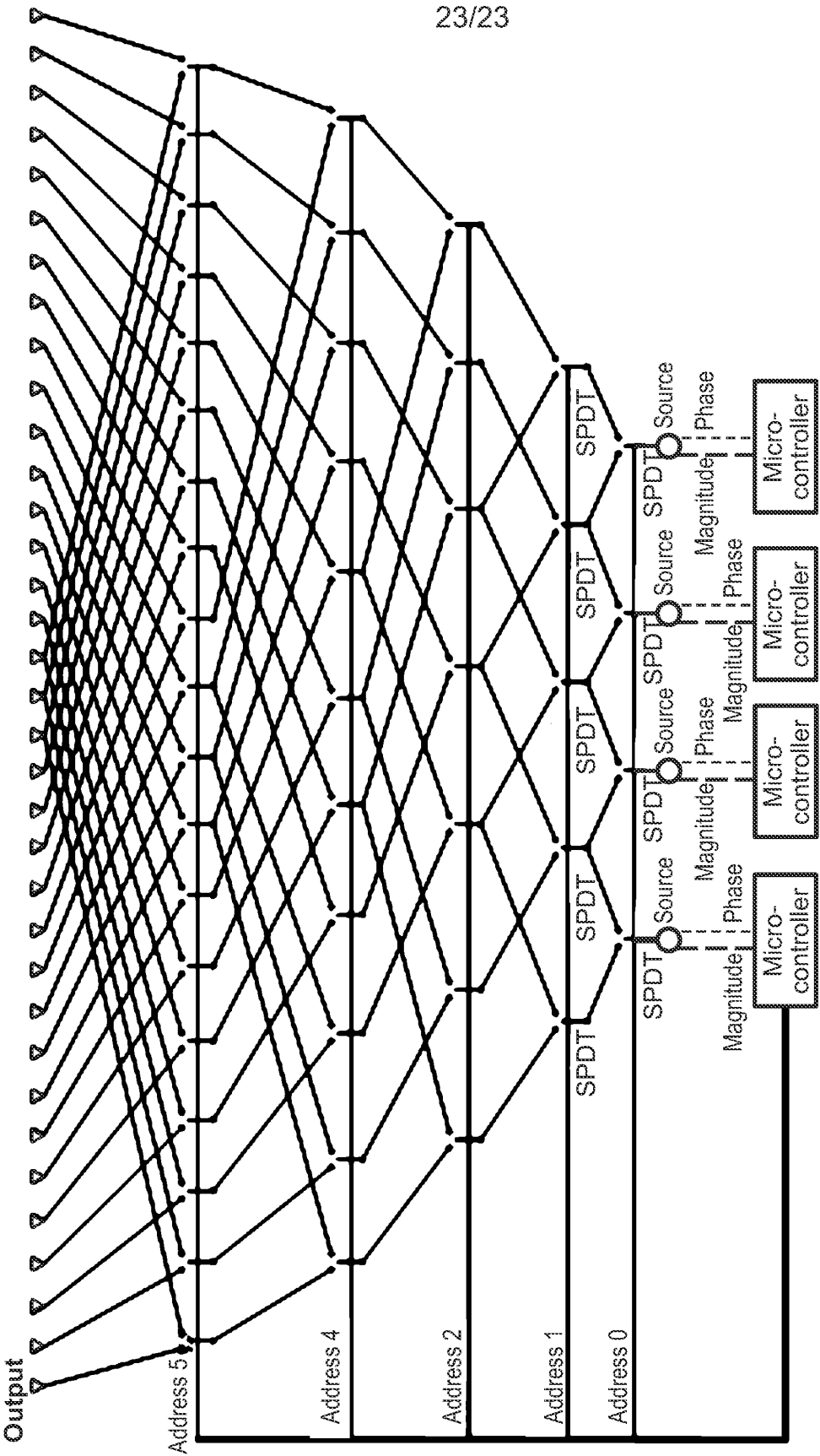


FIG. 19