

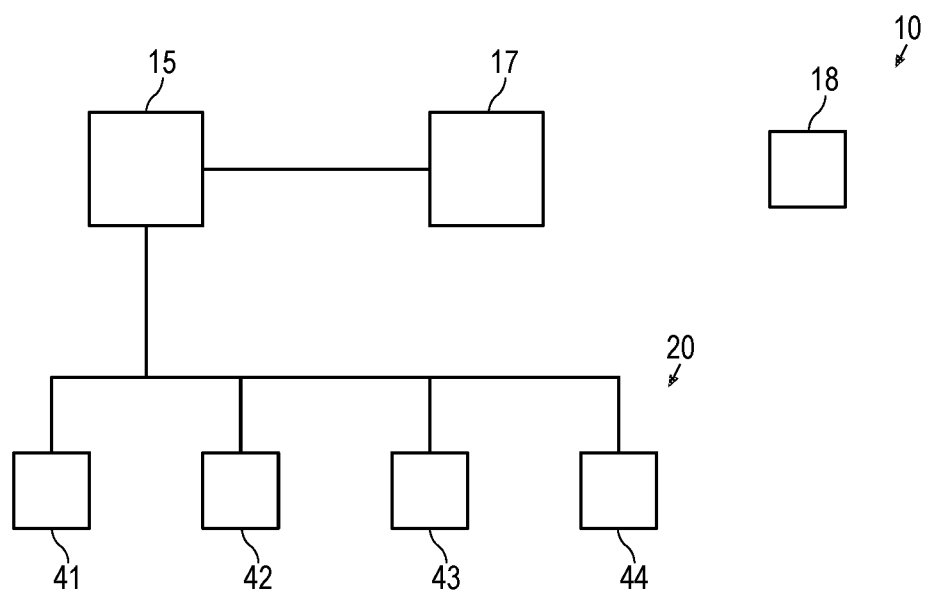


FIG. 1

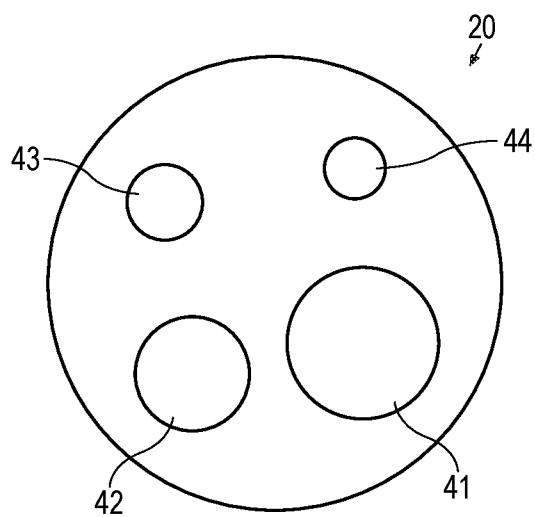


FIG. 2

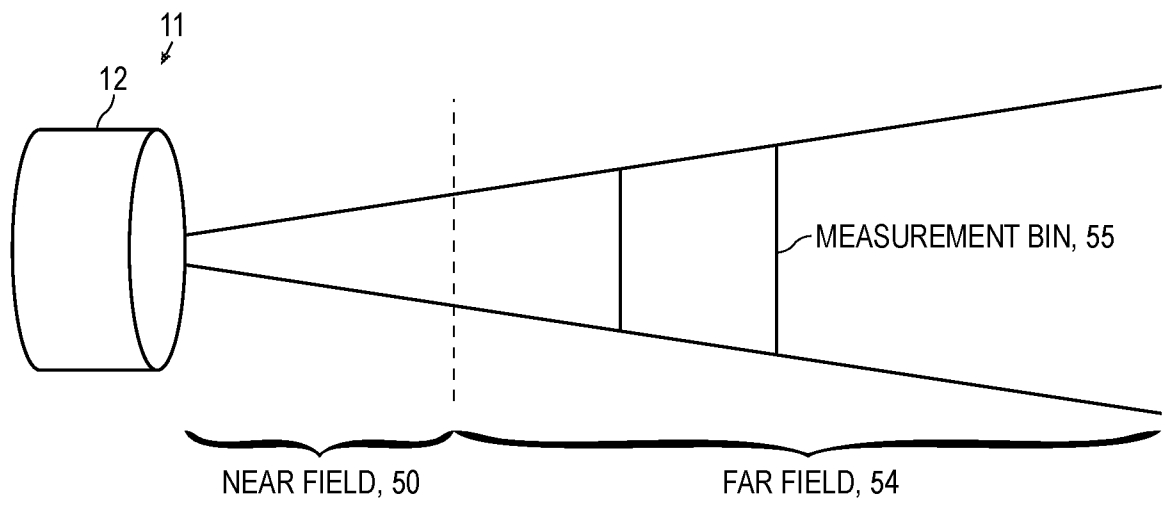
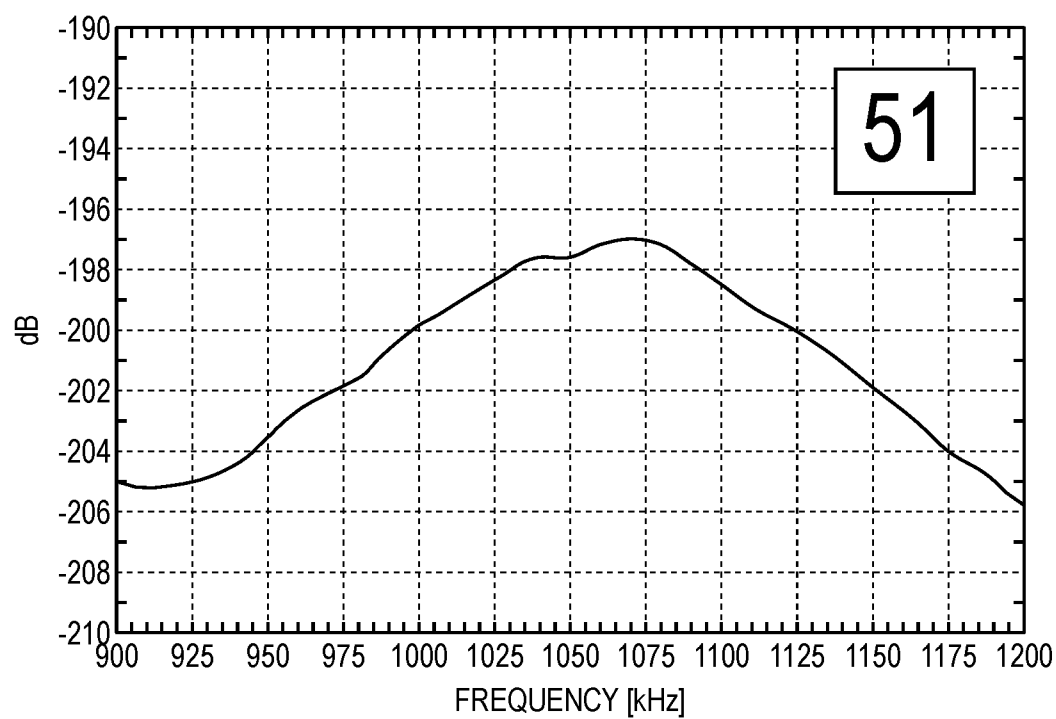
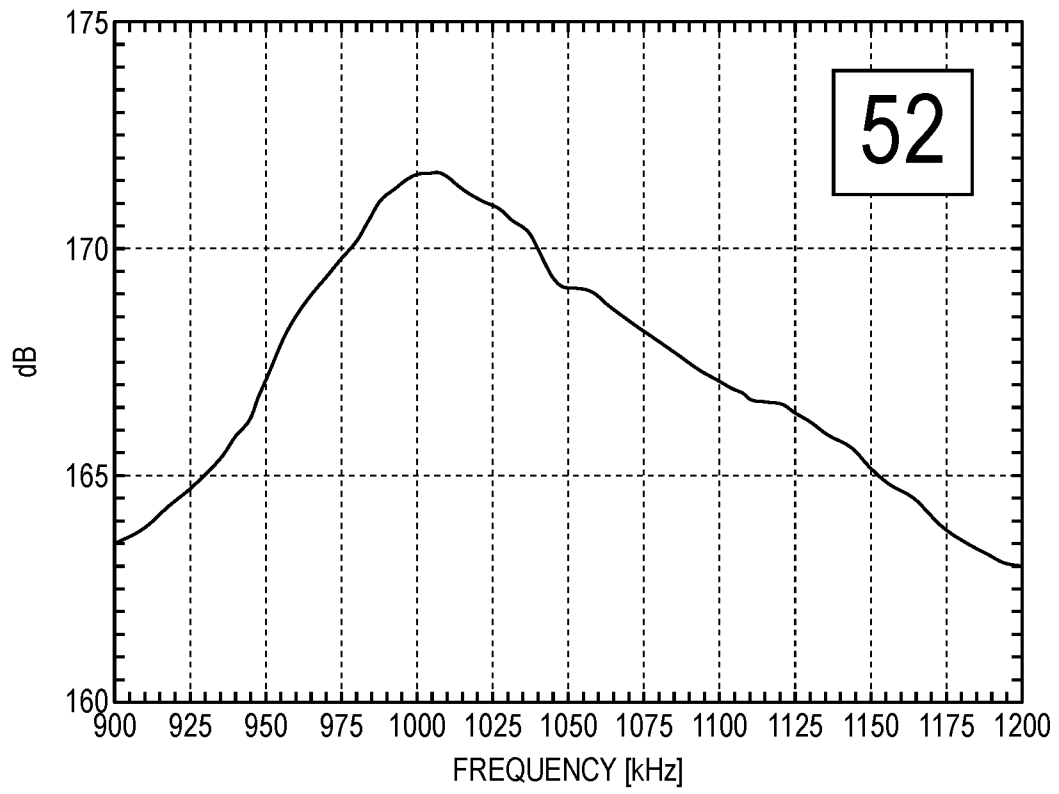


FIG. 3

*FIG. 4*

*FIG. 5*

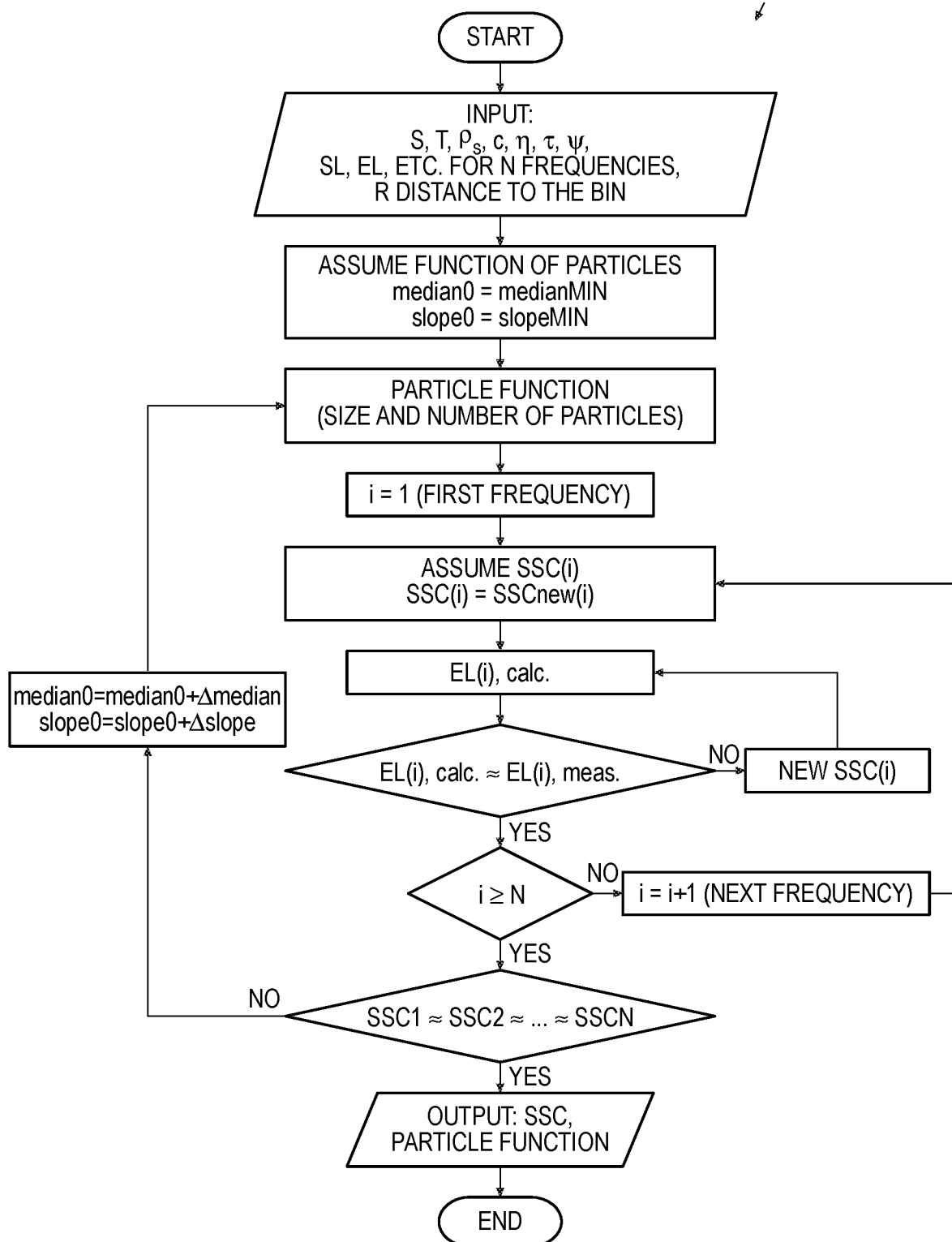
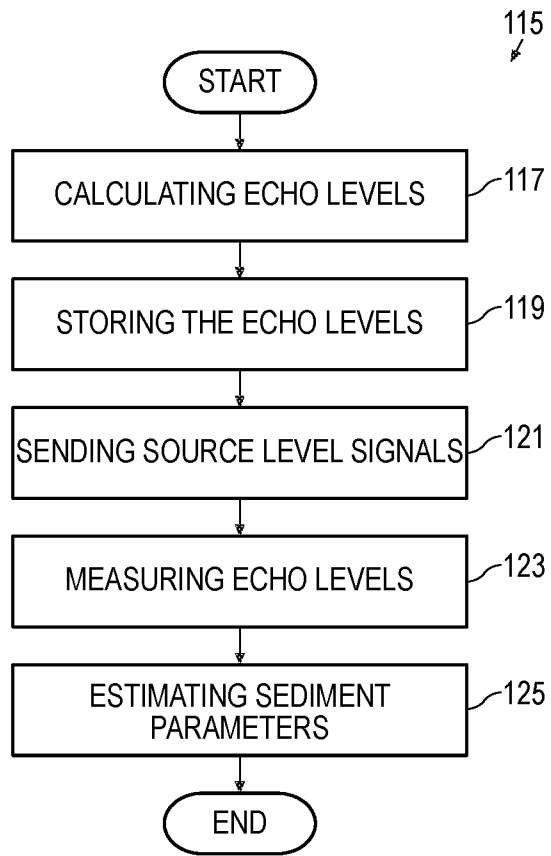


FIG. 6

**FIG. 7**

FIXED TEMPERATURE T = 25 DEGREE CELSIUS, SALINITY S = 10 PSU,
DISTANCE R = 0.325 m, BIN SIZE = 0.03 m

SSC [kg/m3]	MEDIAN [µm]	SLOPE	f1 [dB]	f2 [dB]	f3 [dB]	f4 [dB]
			0.5 [MHz]	1.2 [MHz]	2.5 [MHz]	5.0 [MHz]
0.05 - 0.06	53-55	0.0161 - 0.0162	133.7 - 134.6	144.1 - 145.0	143.4 - 144.2	133.2 - 134.0
0.06 - 0.07	53-55	0.0161 - 0.0162	134.5 - 135.3	144.9 - 145.6	144.1 - 144.9	134.0 - 134.7
0.07 - 0.08	53-55	0.0161 - 0.0162	135.1 - 135.8	145.5 - 146.2	144.8 - 145.5	134.6 - 135.2
0.08 - 0.09	53-55	0.0161 - 0.0162	135.7 - 136.4	146.1 - 146.7	145.4 - 146.0	135.2 - 135.7
0.09 - 0.1	53-55	0.0161 - 0.0162	136.2 - 136.8	146.6 - 147.2	145.9 - 146.4	135.7 - 136.1
...						
1.0 - 1.1	53-55	0.0161 - 0.0162	146.7 - 147.2	156.9 - 157.4	155.6 - 156.0	143.9 - 144.1
1.1 - 1.2	53-55	0.0161 - 0.0162	147.1 - 147.6	157.3 - 157.8	155.9 - 156.3	144.1 - 144.2
1.2 - 1.3	53-55	0.0161 - 0.0162	147.5 - 147.9	157.7 - 158.1	156.2 - 156.5	144.2 - 144.3

FIG. 8

f1 [dB]	f2 [dB]	f3 [dB]	f4 [dB]
0.5 [MHz]	1.2 [MHz]	2.5 [MHz]	5.0 [MHz]
146.7 - 147.2	156.9 - 157.4	155.6 - 156.0	143.9 - 144.1

FIG. 9

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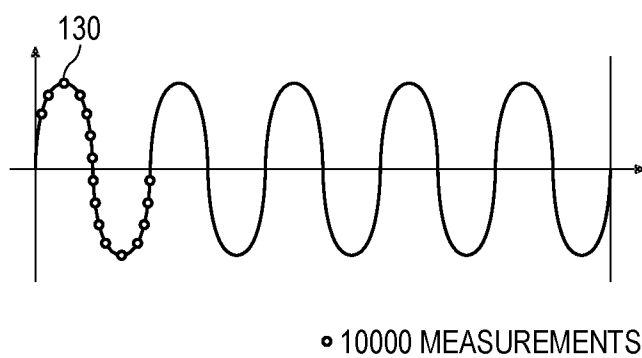
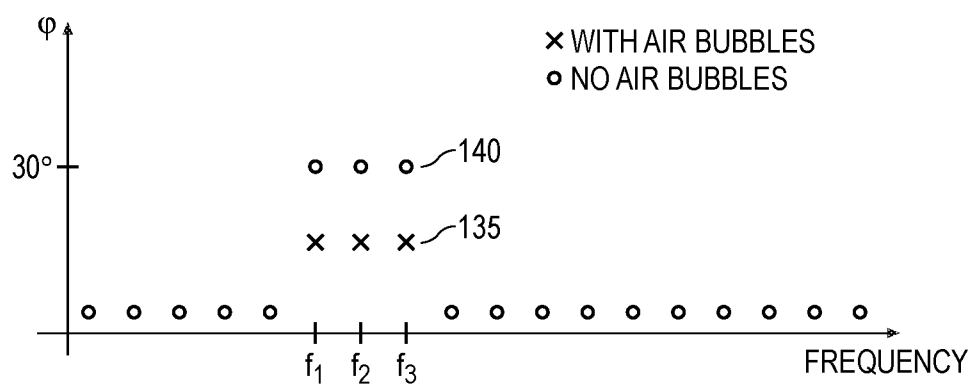


FIG. 10

*FIG. 11*

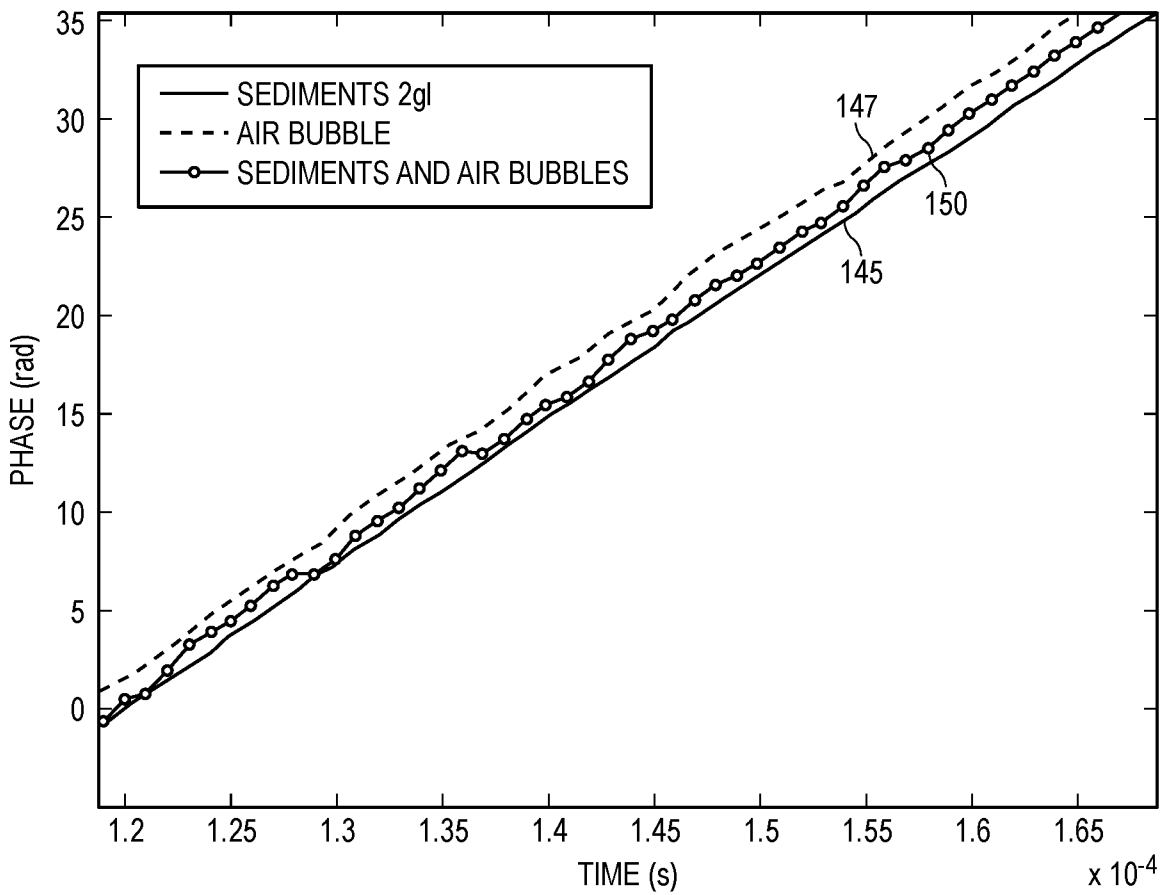
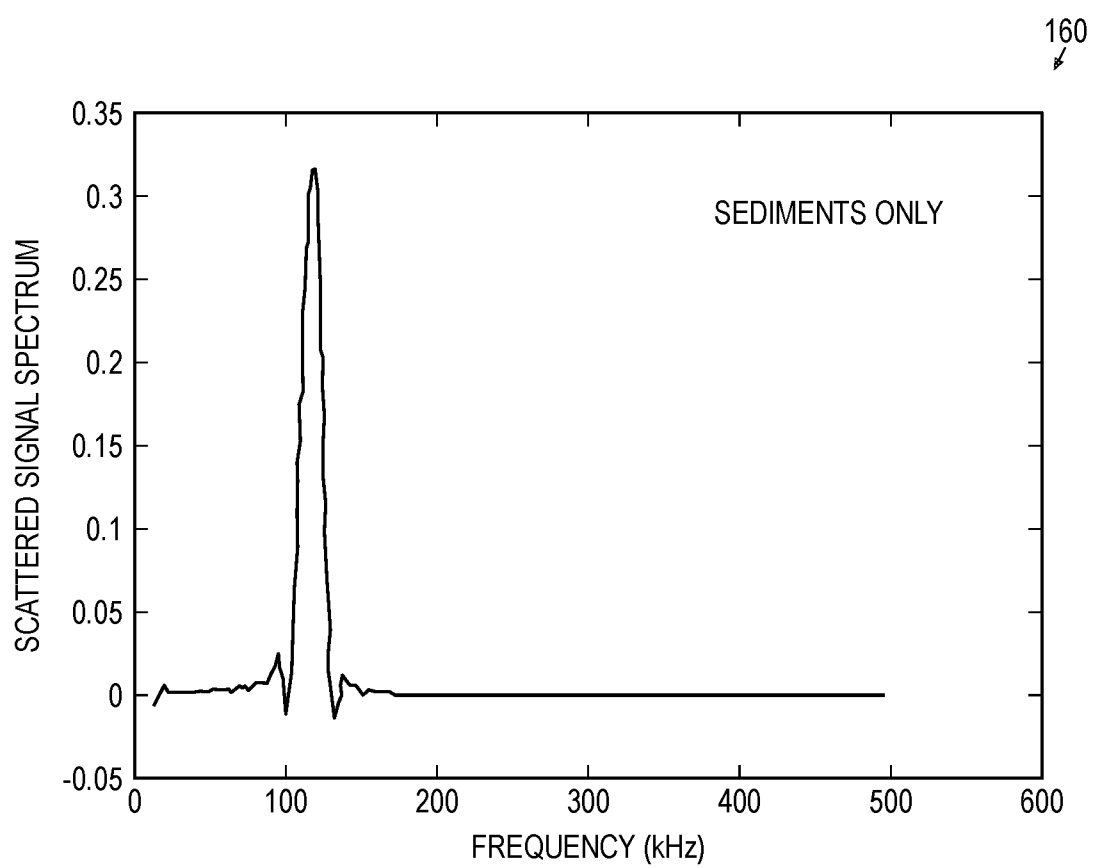
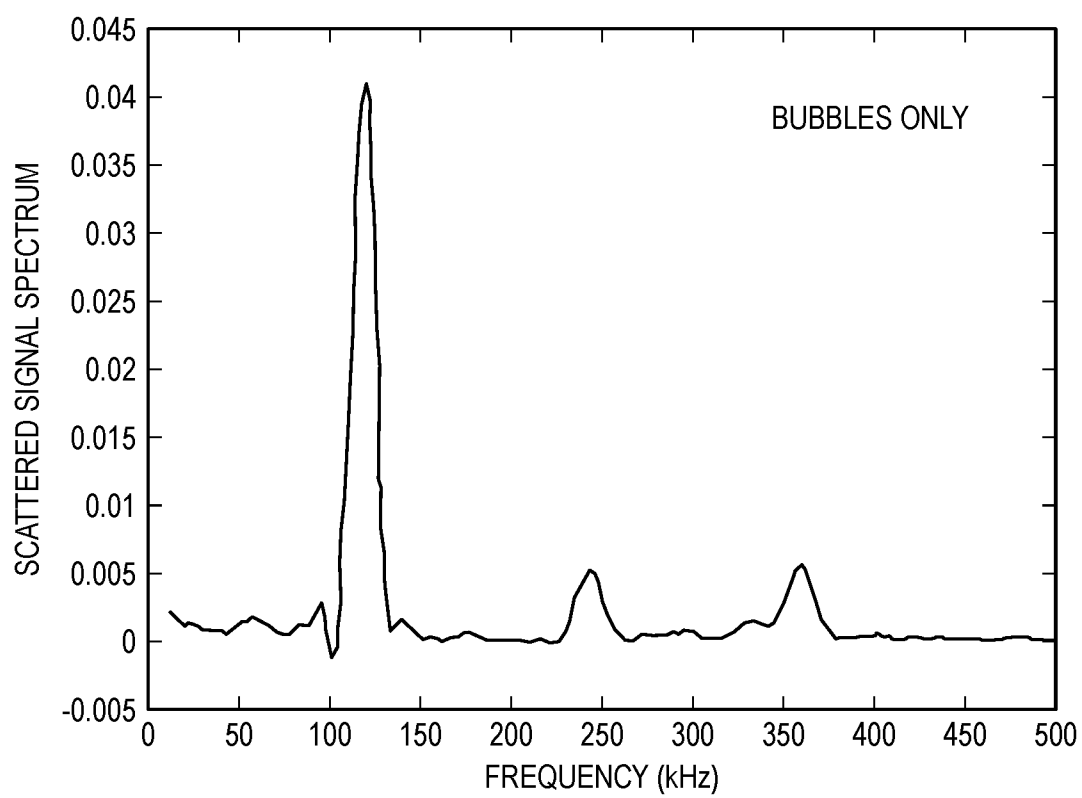
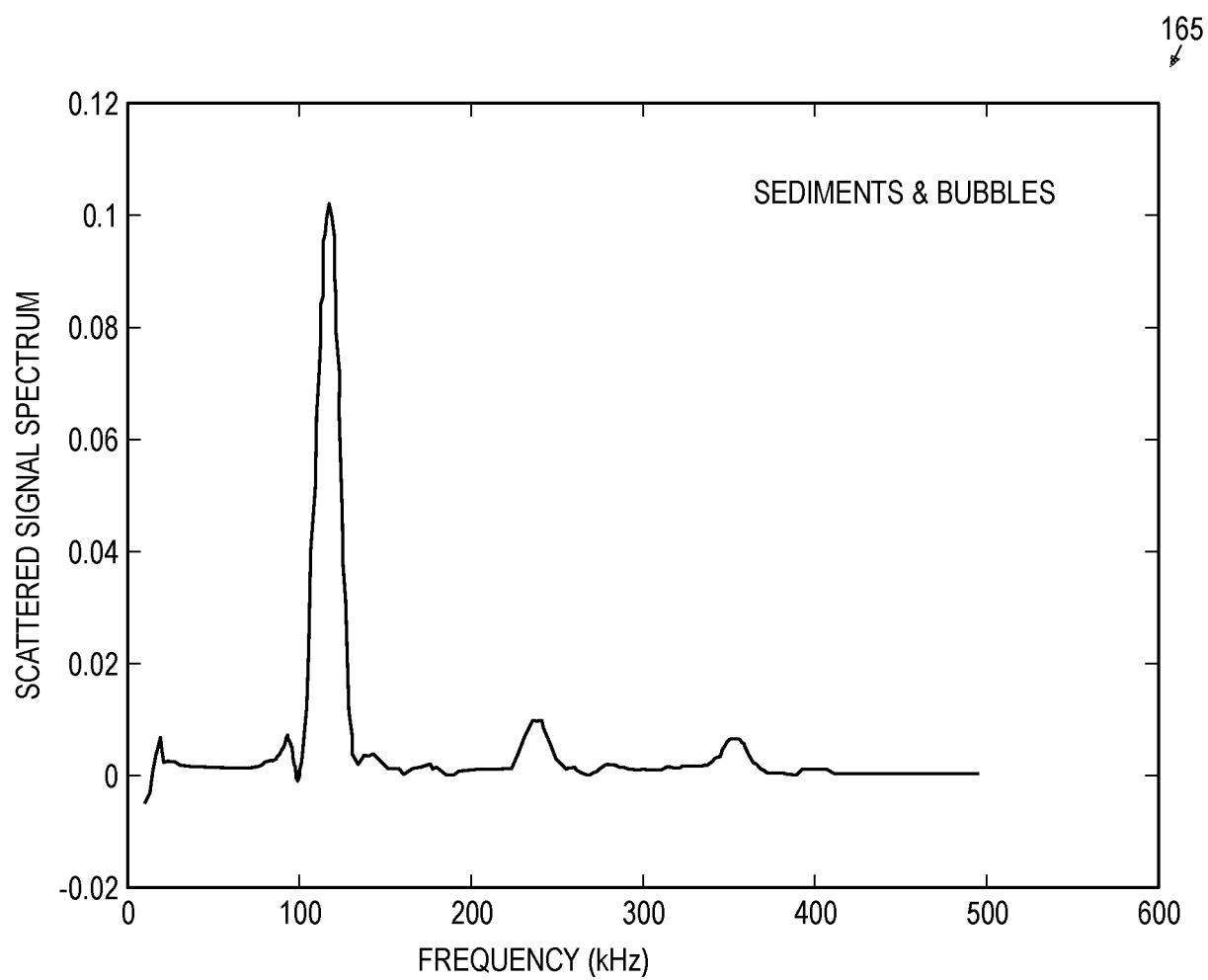


FIG. 12

*FIG. 13*

***FIG. 14***

*FIG. 15*