

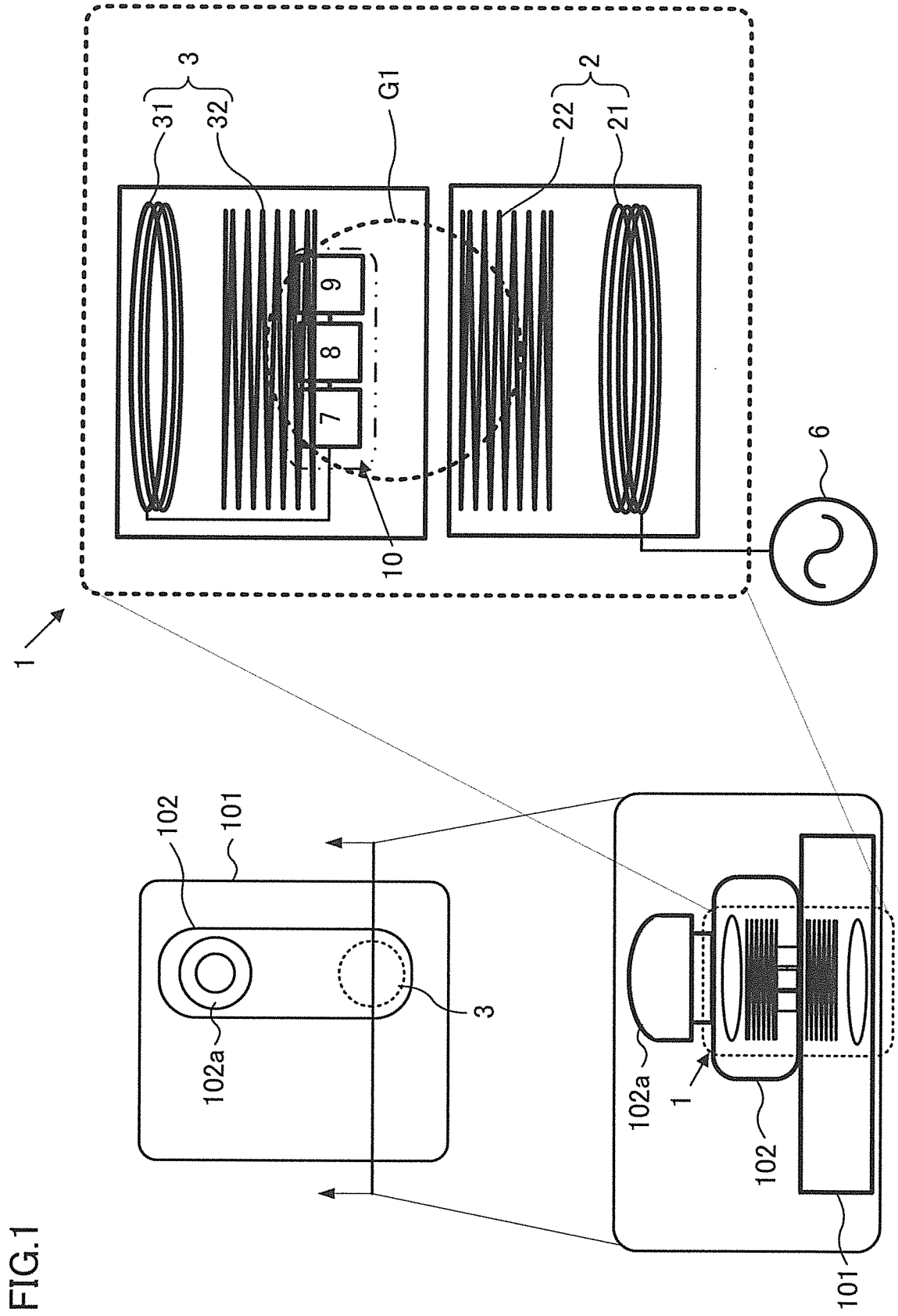


FIG.2

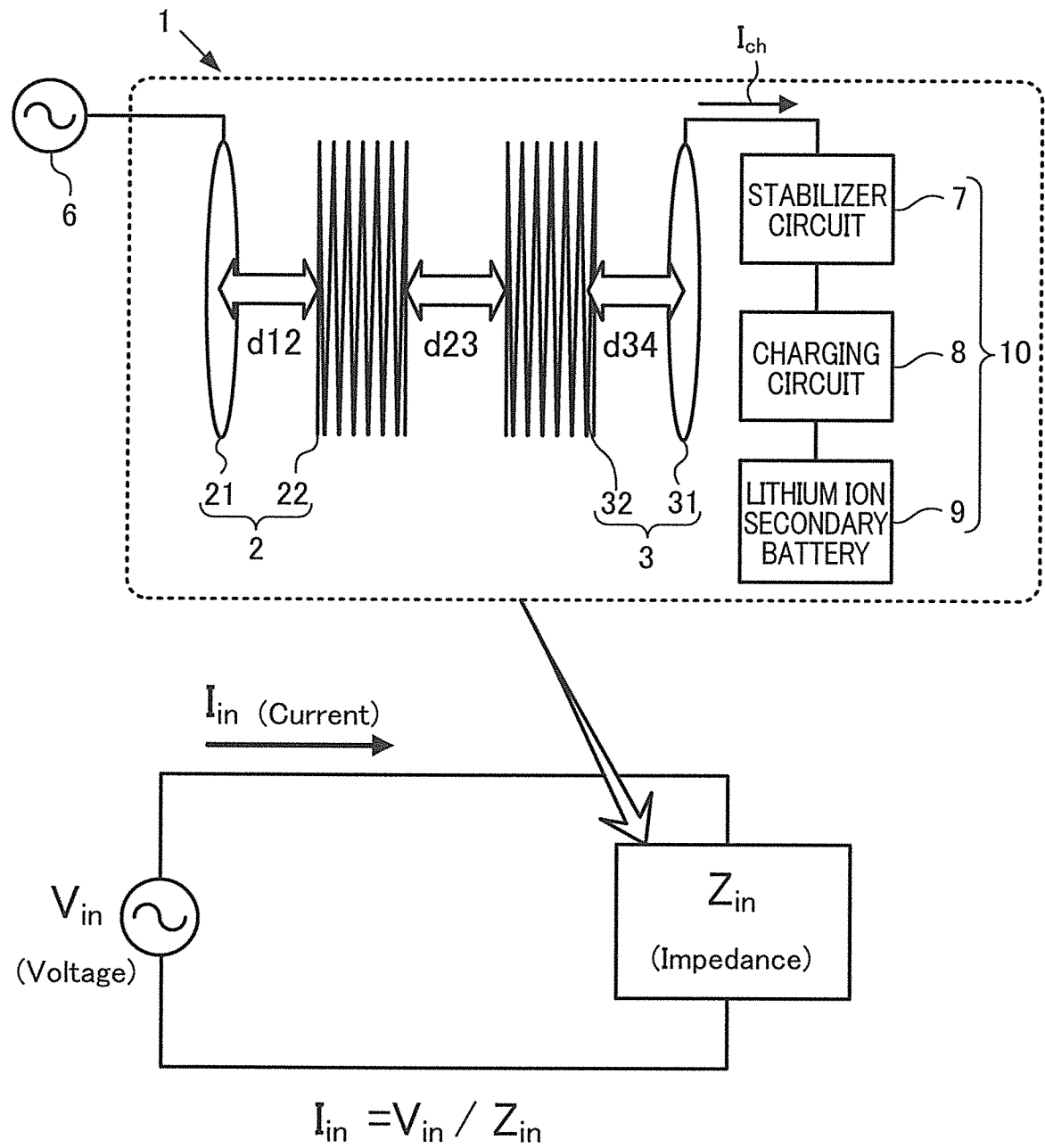


FIG.3

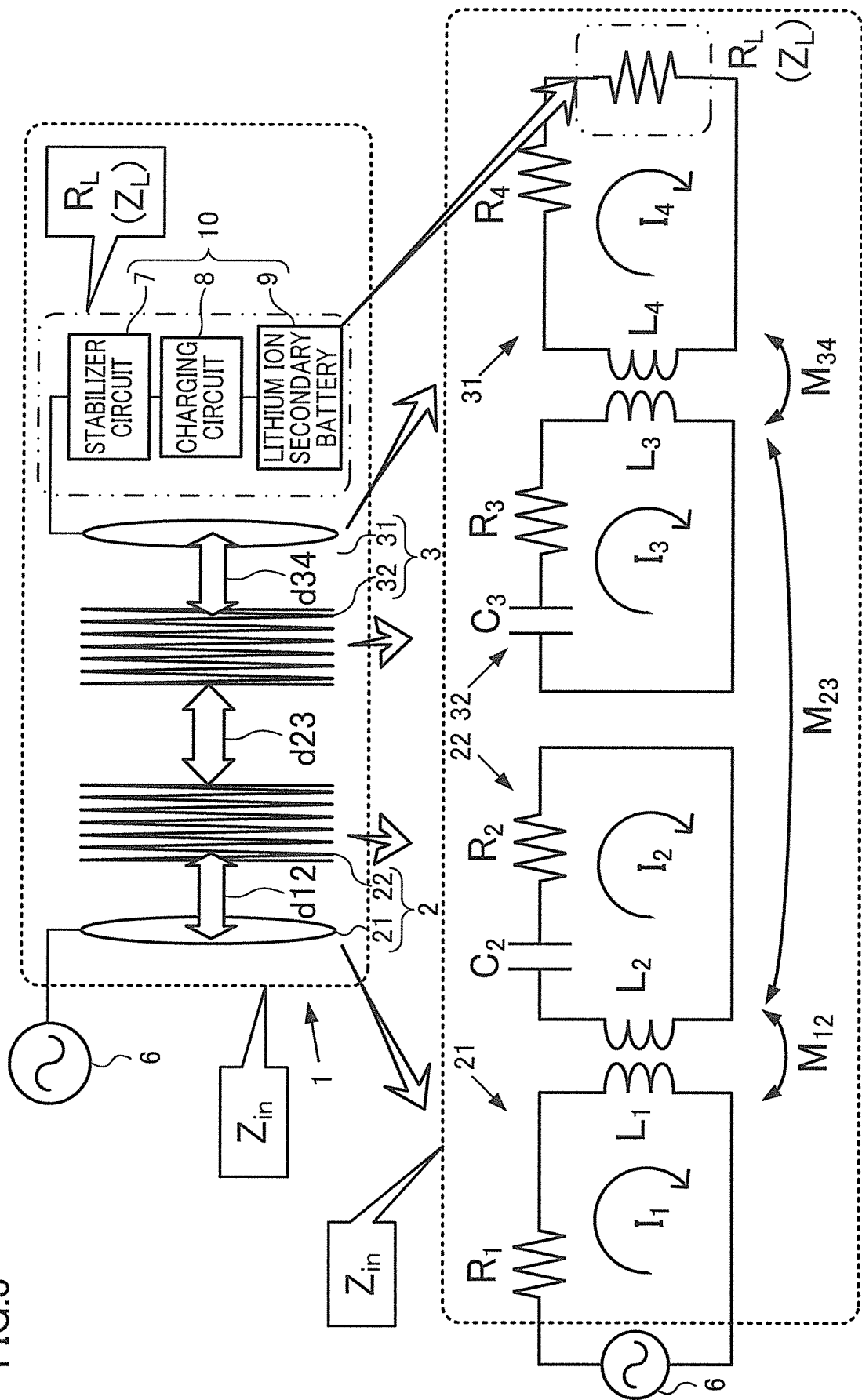


FIG.4

(GRAPH WHERE TRANSMISSION CHARACTERISTIC
“S21” BETWEEN RESONATORS EXHIBITS TWO PEAKS)

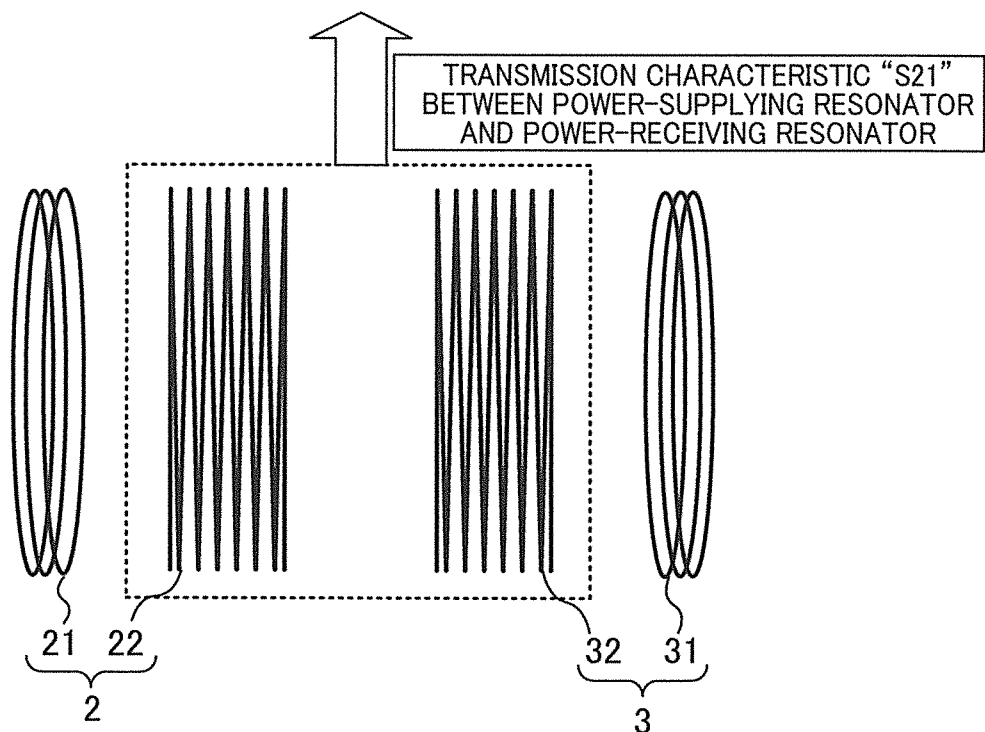
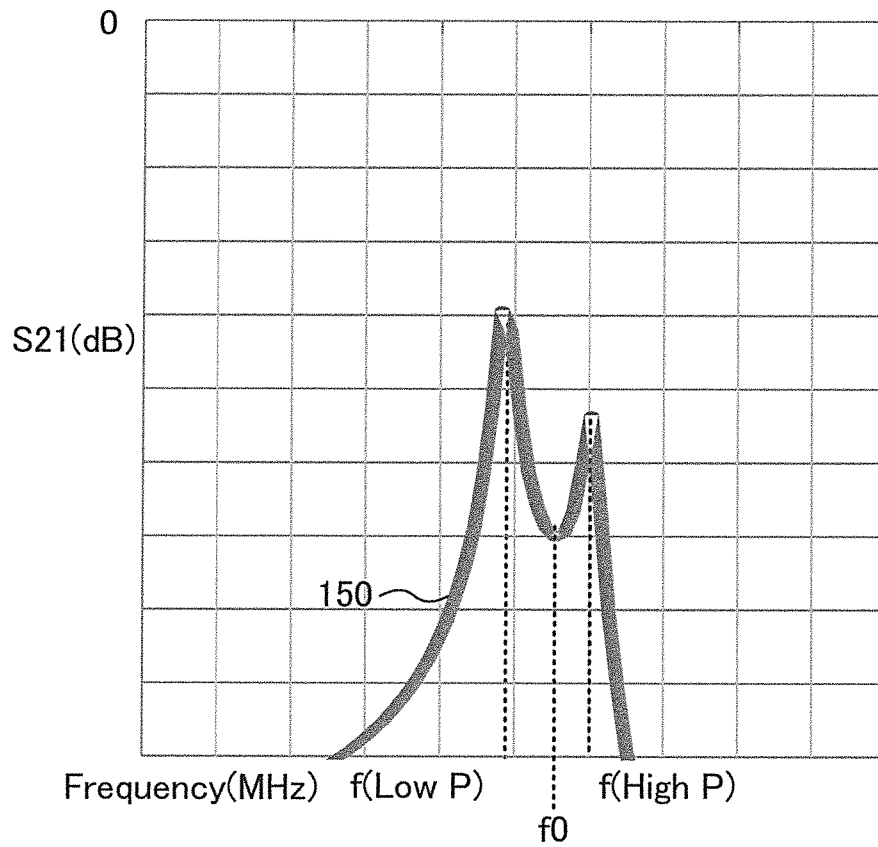


FIG.5

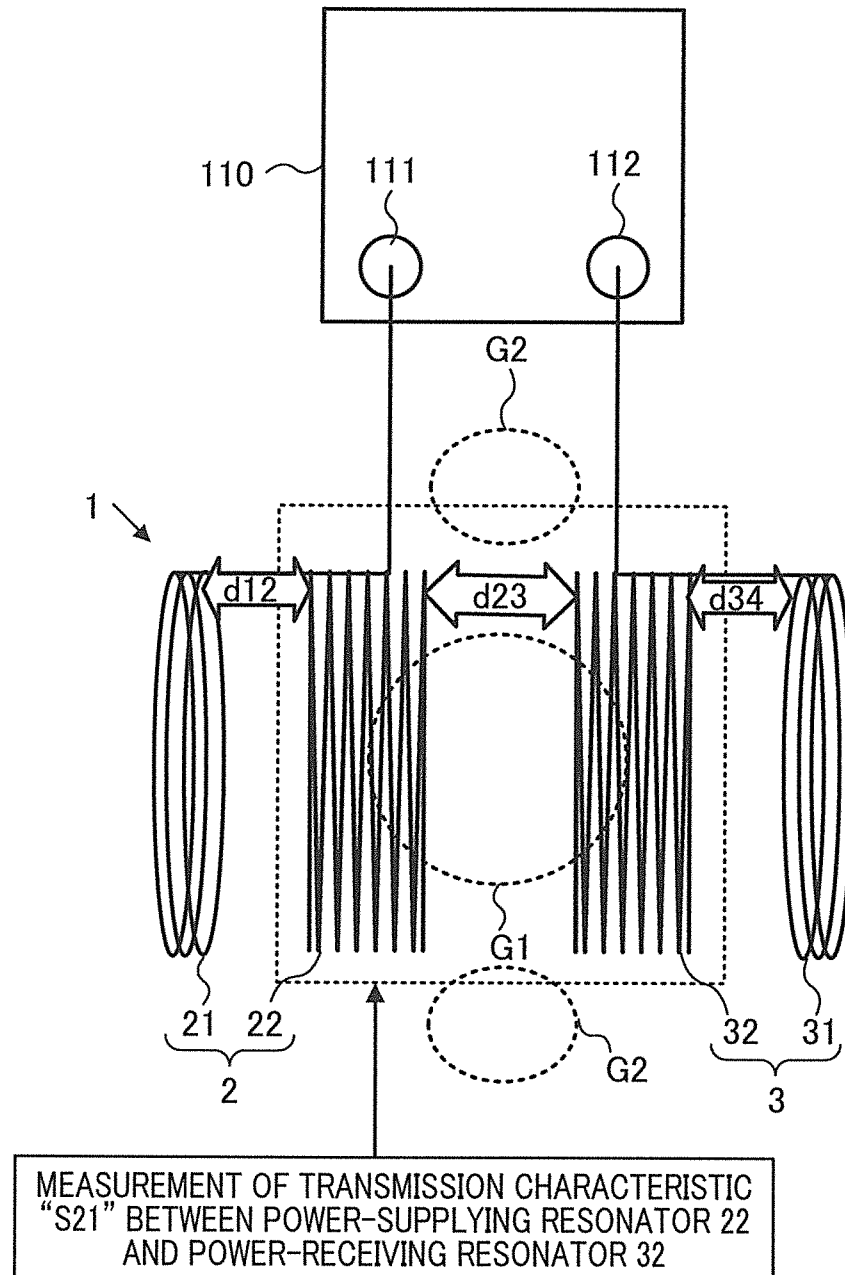


FIG.6

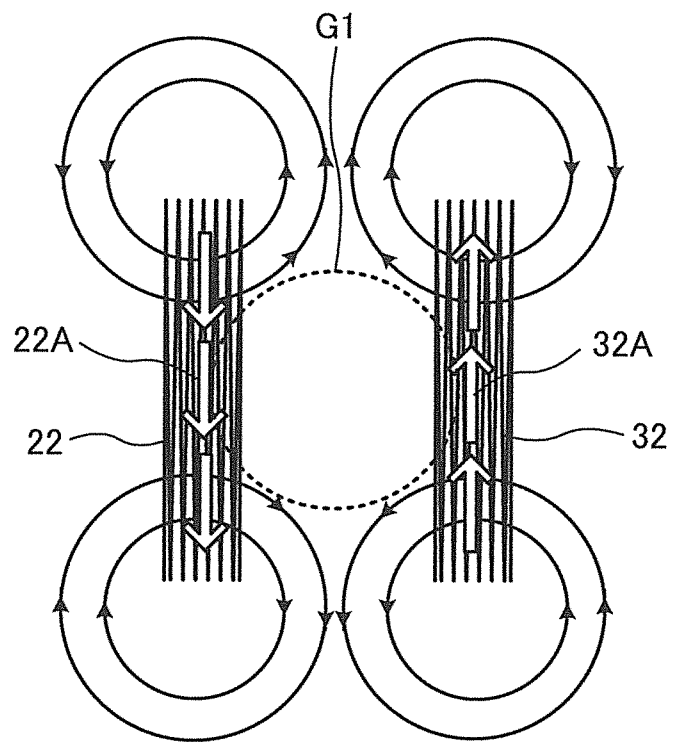


FIG. 7

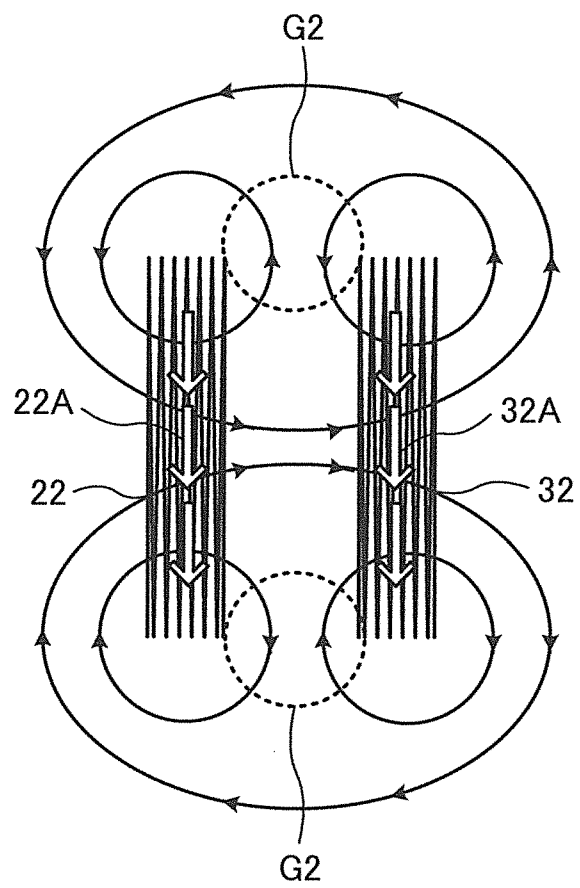


FIG.8A

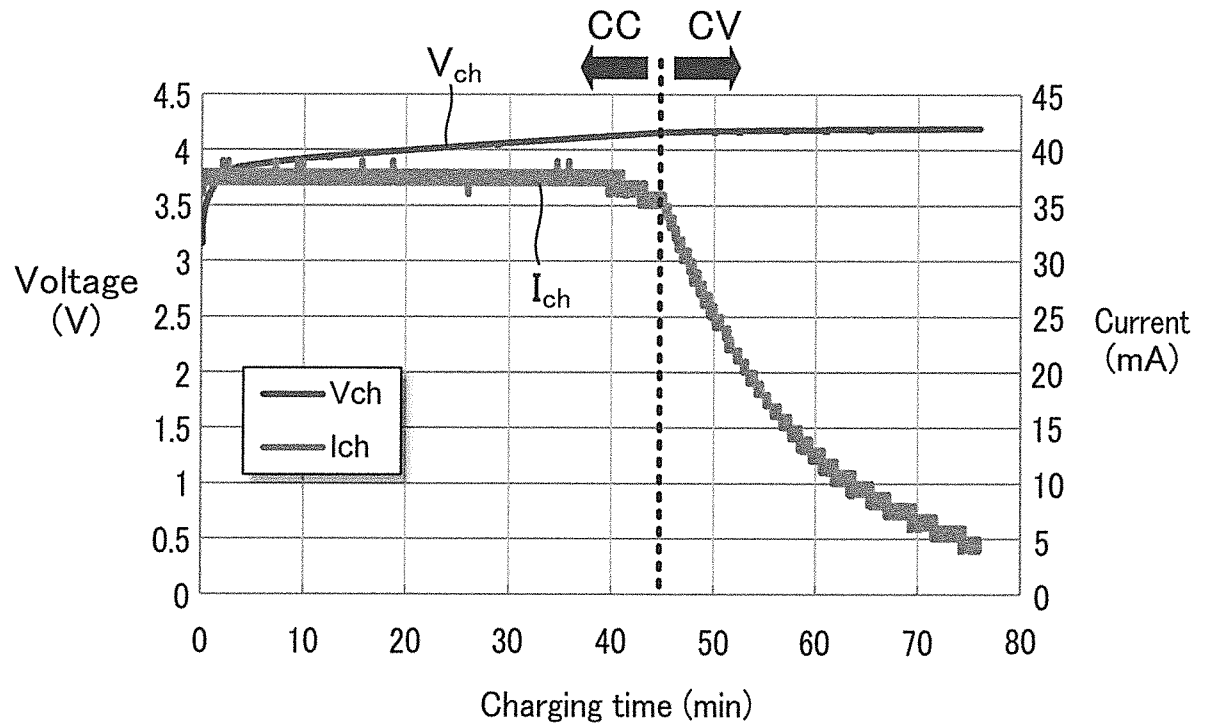


FIG.8B

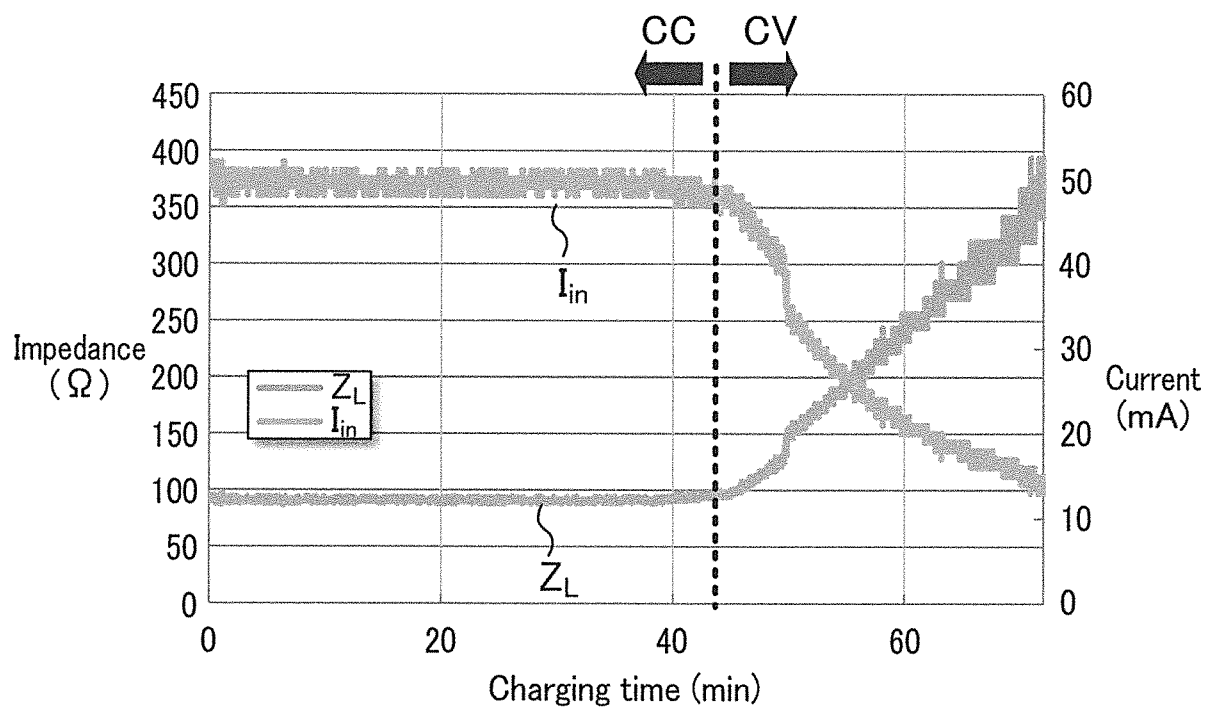


FIG.9

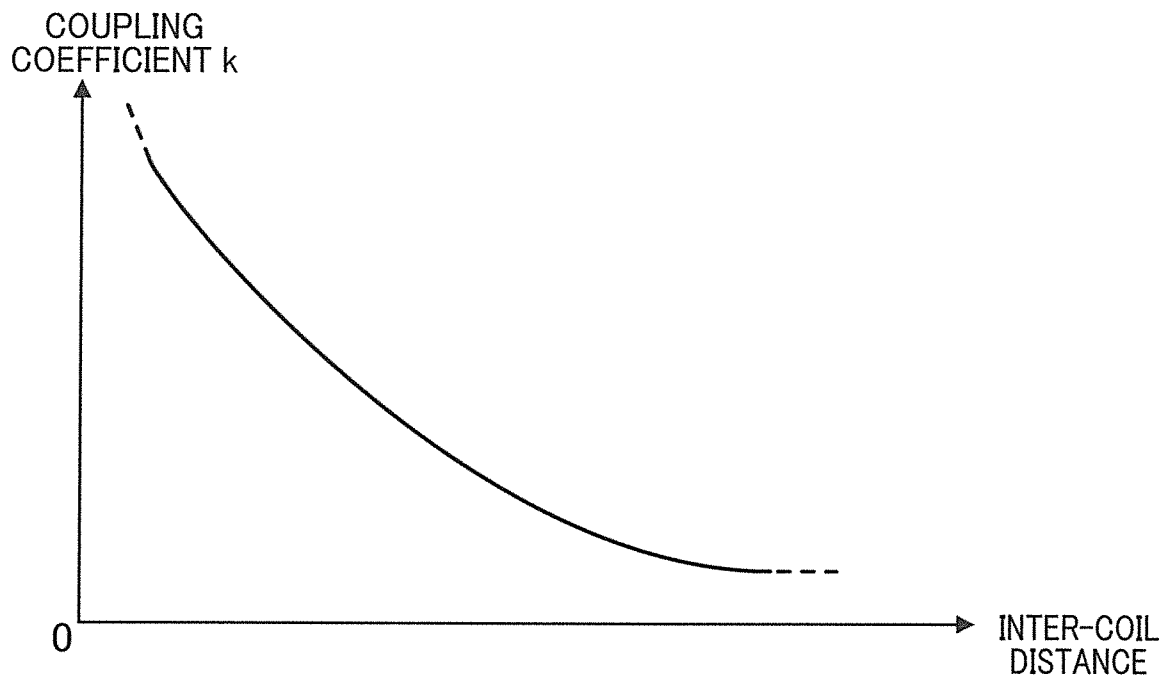


FIG.10A

(EXAMPLE 1)

(MEASUREMENT RESULT OF "S21")

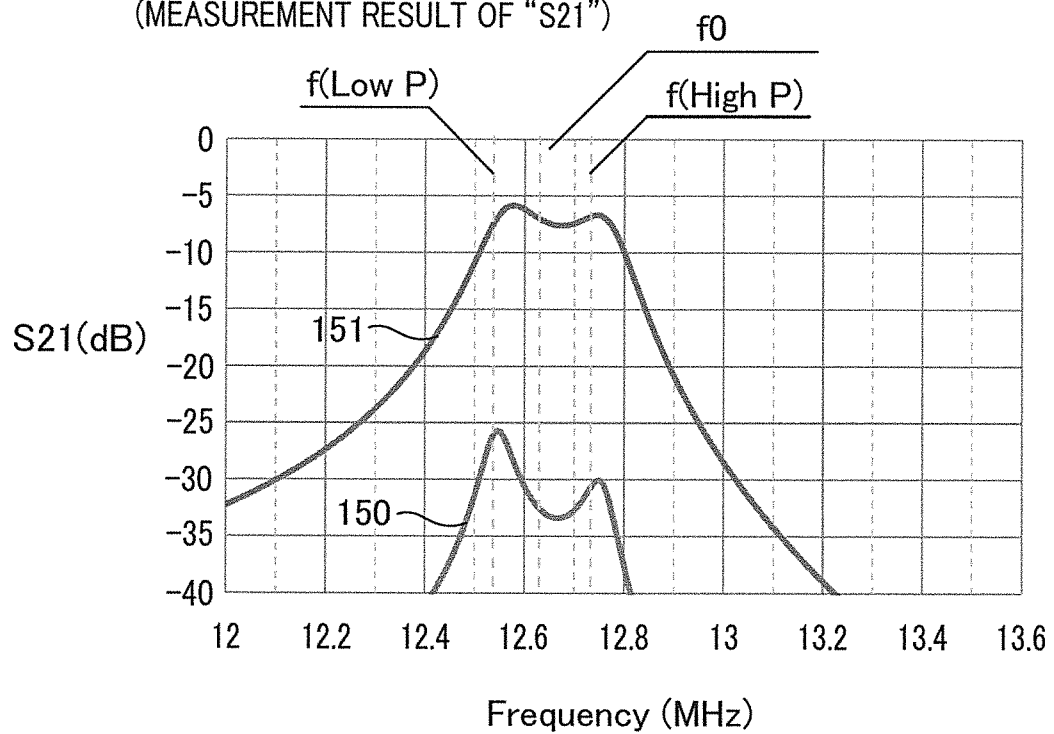


FIG.10B

(INPUT IMPEDANCE WITH RESPECT TO POWER-SOURCE FREQUENCY)

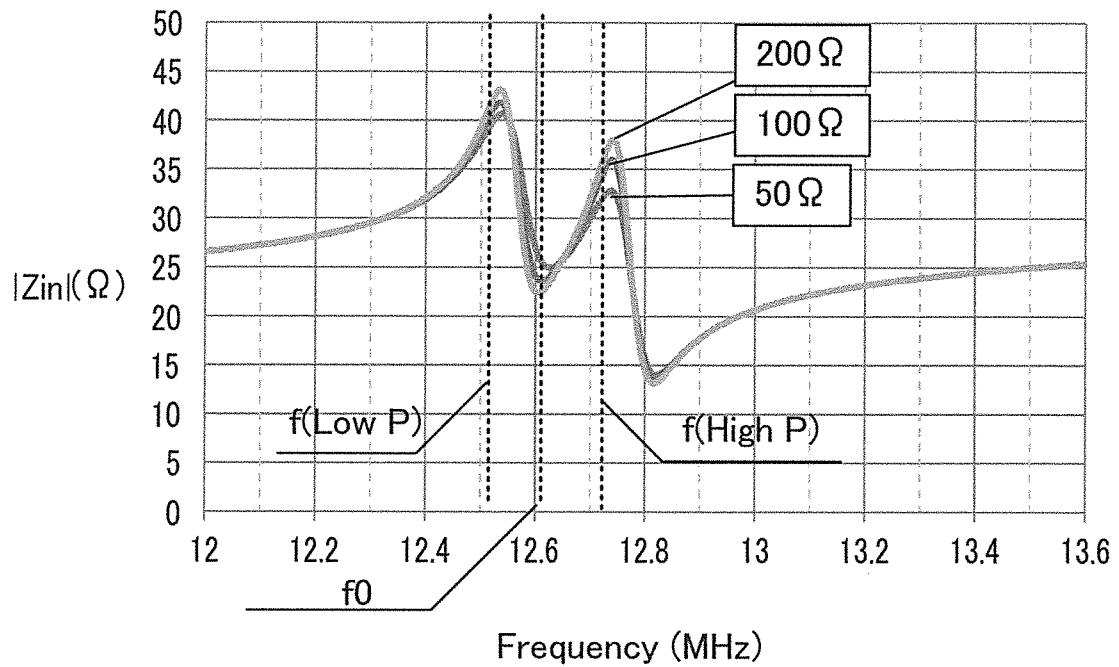


FIG.10C

	Z _{in} (TERMINATION LOAD)			
POWER-SOURCE FREQUENCY	R _L =50 Ω	R _L =100 Ω	R _L =200 Ω	TENDENCY
f(Low P) =12.53 MHz	40.6 Ω	41.8 Ω	43.1 Ω	↗
f ₀ =12.63 MHz	25.0 Ω	24.4 Ω	23.9 Ω	↘
f(High P) =12.73 MHz	32.7 Ω	35.6 Ω	37.3 Ω	↗

FIG.11A

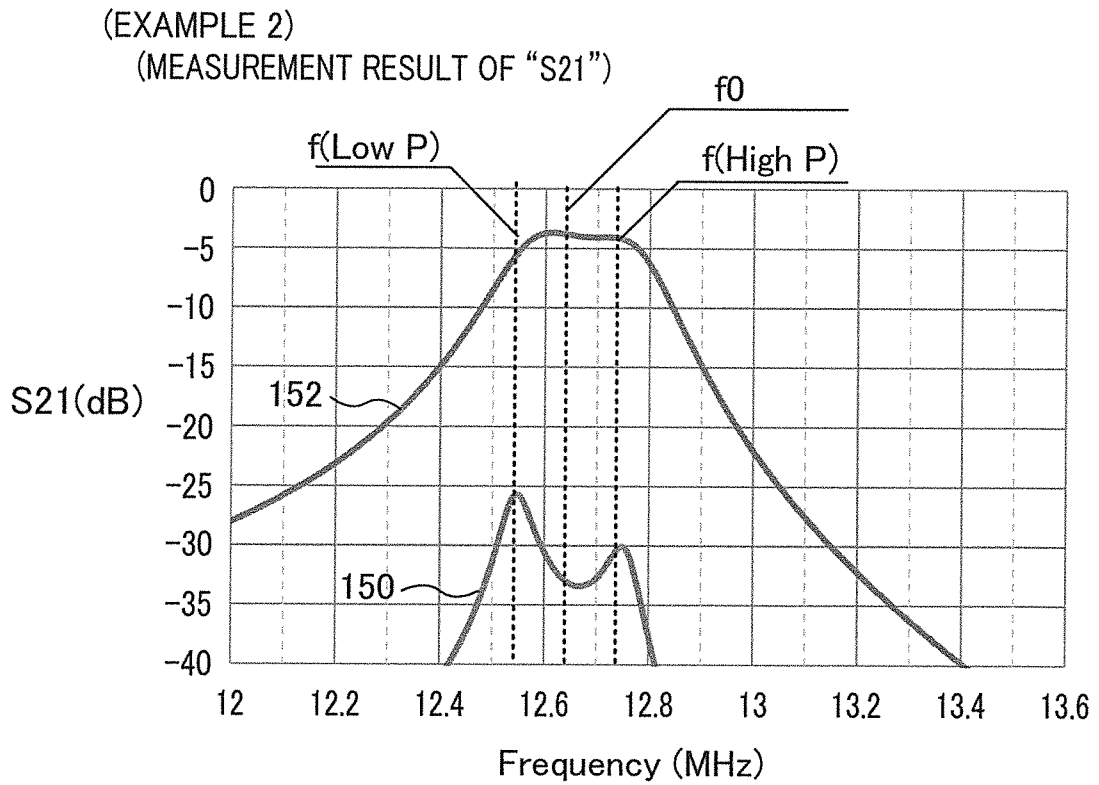


FIG.11B

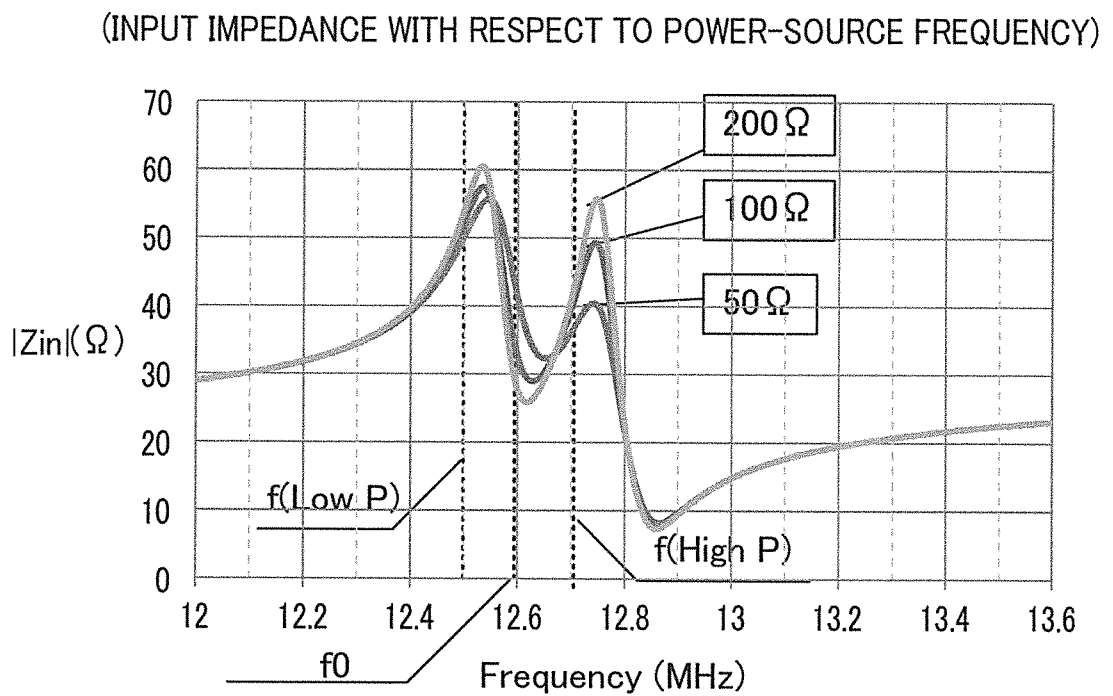


FIG.11C

	Z _{in} (TERMINATION LOAD)			
POWER-SOURCE FREQUENCY	R _L =50 Ω	R _L =100 Ω	R _L =200 Ω	TENDENCY
f(Low P) =12.53 MHz	55.2 Ω	57.5 Ω	60.4 Ω	↗
f ₀ =12.63 MHz	33.5 Ω	29.0 Ω	26.7 Ω	↘
f(High P) =12.73 MHz	40.0 Ω	47.4 Ω	52.4 Ω	↗

FIG.12A

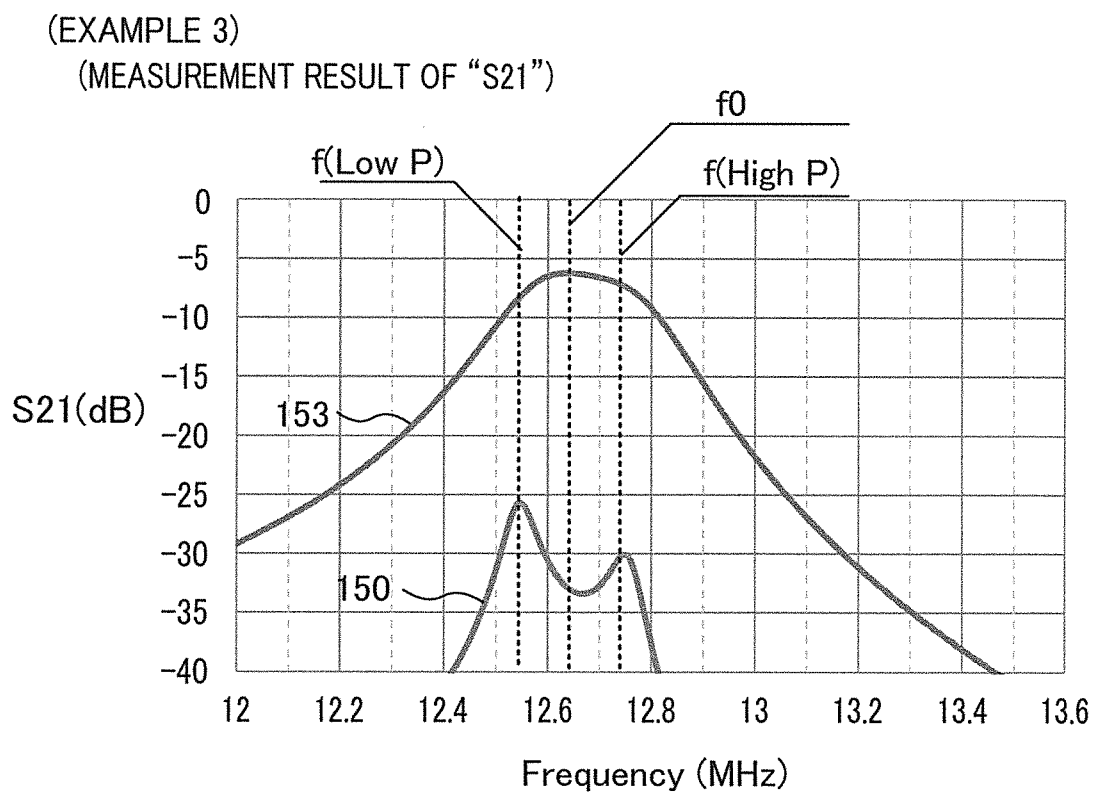


FIG.12B

(INPUT IMPEDANCE WITH RESPECT TO POWER-SOURCE FREQUENCY)

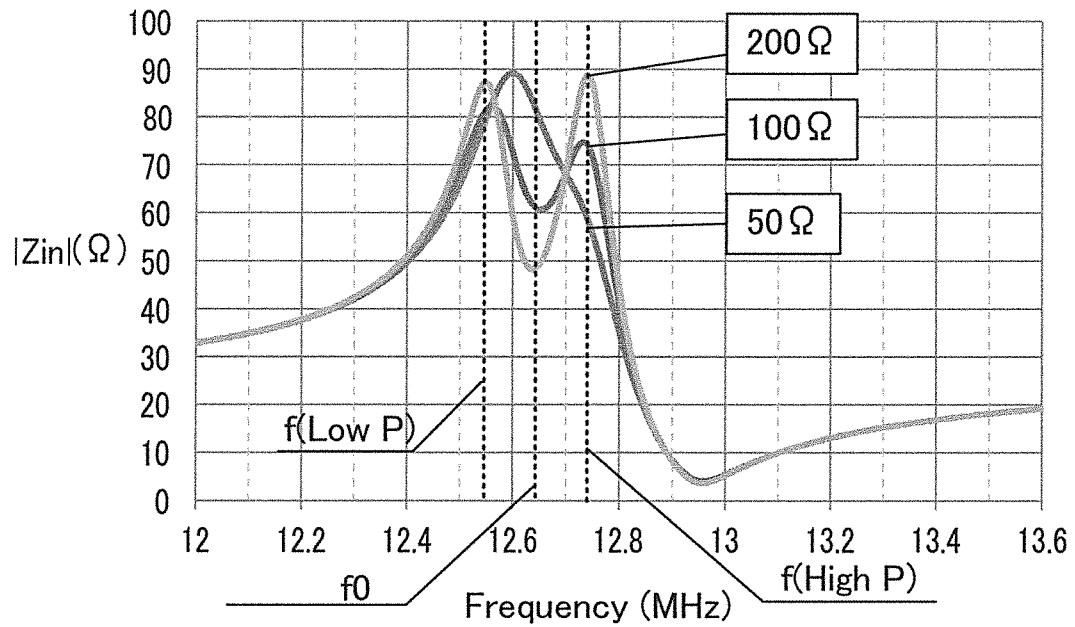


FIG.12C

	Z _{in} (TERMINATION LOAD)			
POWER-SOURCE FREQUENCY	R _L =50 Ω	R _L =100 Ω	R _L =200 Ω	TENDENCY
f(Low P) =12.53 MHz	74.3 Ω	77.7 Ω	84.1 Ω	↗
f ₀ =12.63 MHz	84.8 Ω	63.0 Ω	48.5 Ω	↘
f(High P) =12.73 MHz	61.3 Ω	74.7 Ω	87.0 Ω	↗

FIG.13A

(EXAMPLE 4)

(MEASUREMENT RESULT OF "S21")

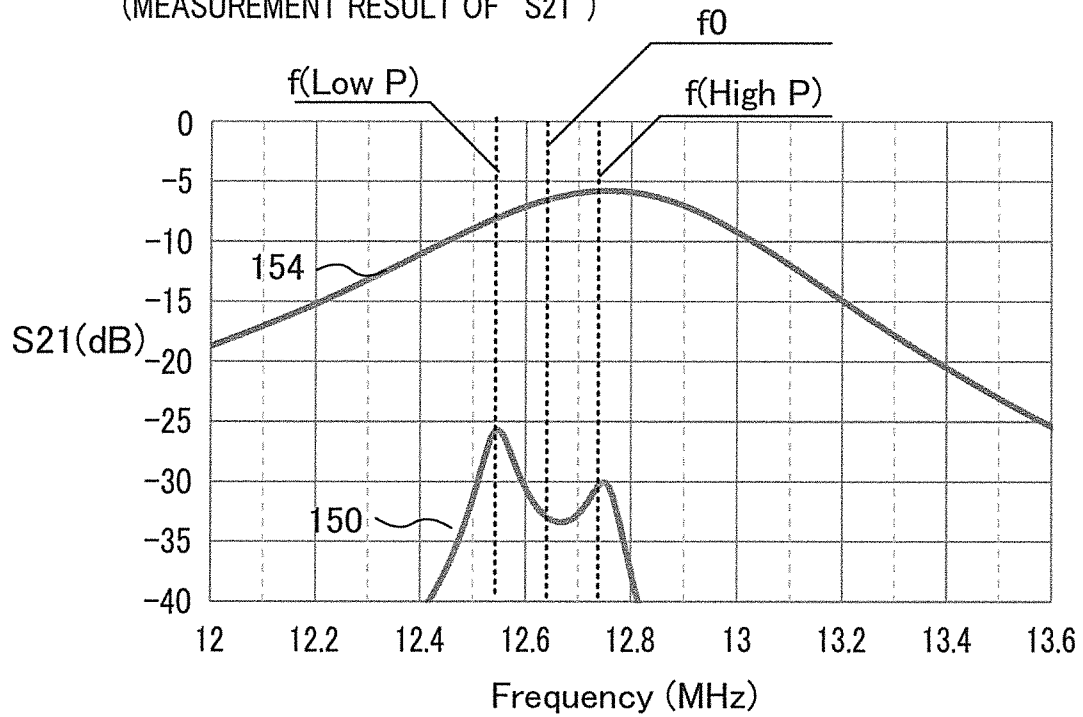


FIG.13B

(INPUT IMPEDANCE WITH RESPECT TO POWER-SOURCE FREQUENCY)

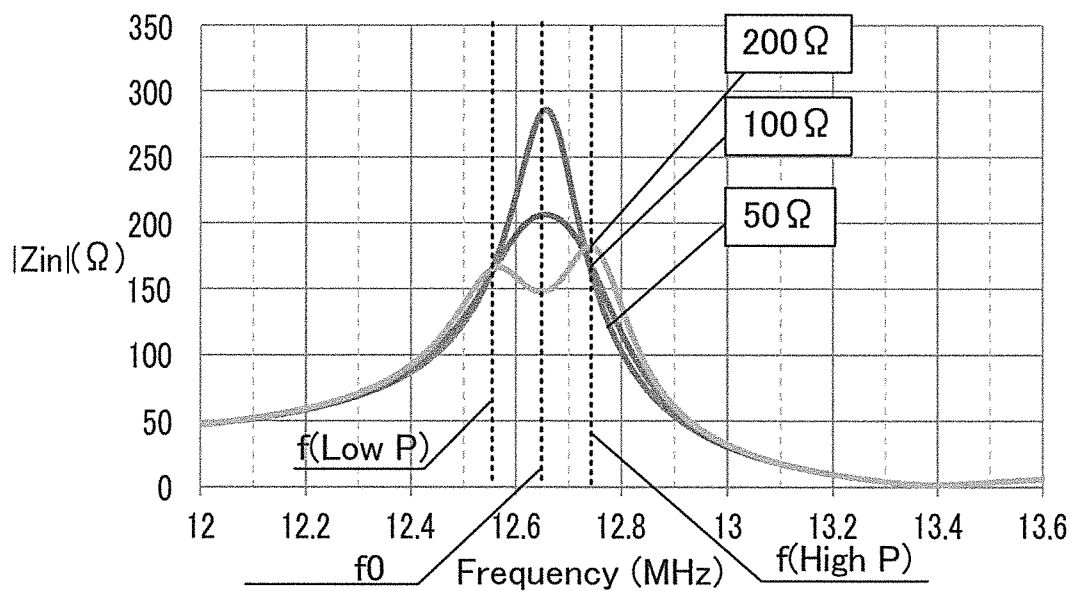


FIG.13C

	Z _{in} (TERMINATION LOAD)			
POWER-SOURCE FREQUENCY	R _L =50 Ω	R _L =100 Ω	R _L =200 Ω	TENDENCY
f(Low P) =12.53 MHz	144.1 Ω	146.5 Ω	156.4 Ω	↗
f ₀ =12.63 MHz	267.4 Ω	203.5 Ω	149.5 Ω	↘
f(High P) =12.73 MHz	170.5 Ω	172.2 Ω	181.9 Ω	↗

FIG.14A

(COMPARATIVE EXAMPLE)

(MEASUREMENT RESULT OF “S21”)

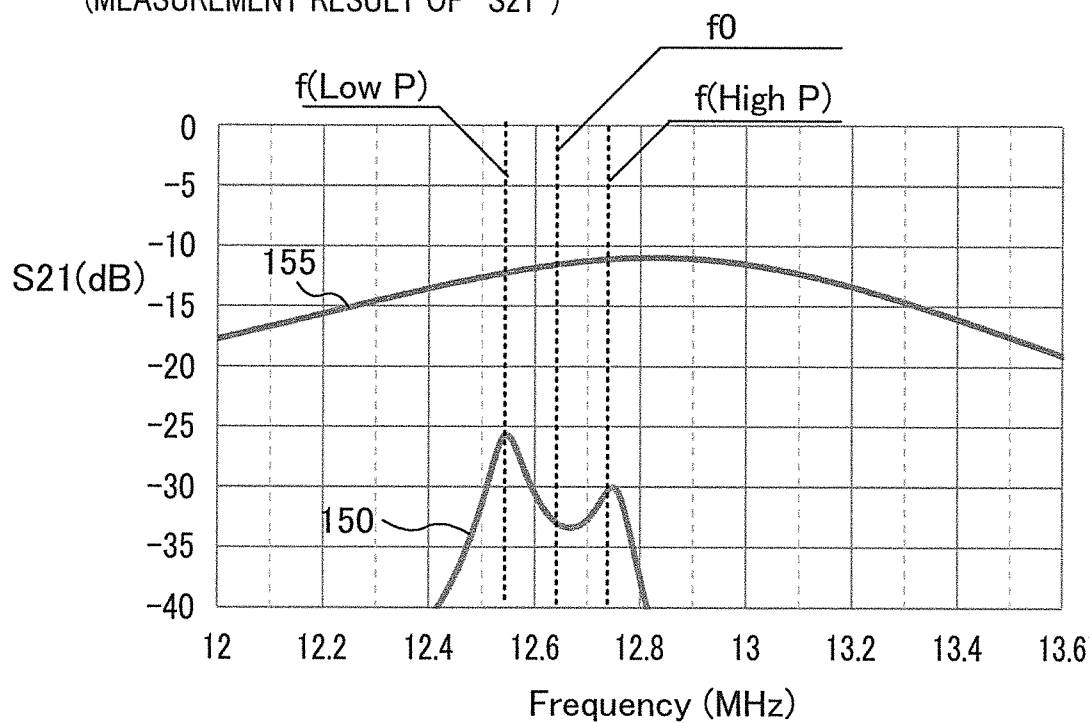


FIG.14B

(INPUT IMPEDANCE WITH RESPECT TO POWER-SOURCE FREQUENCY)

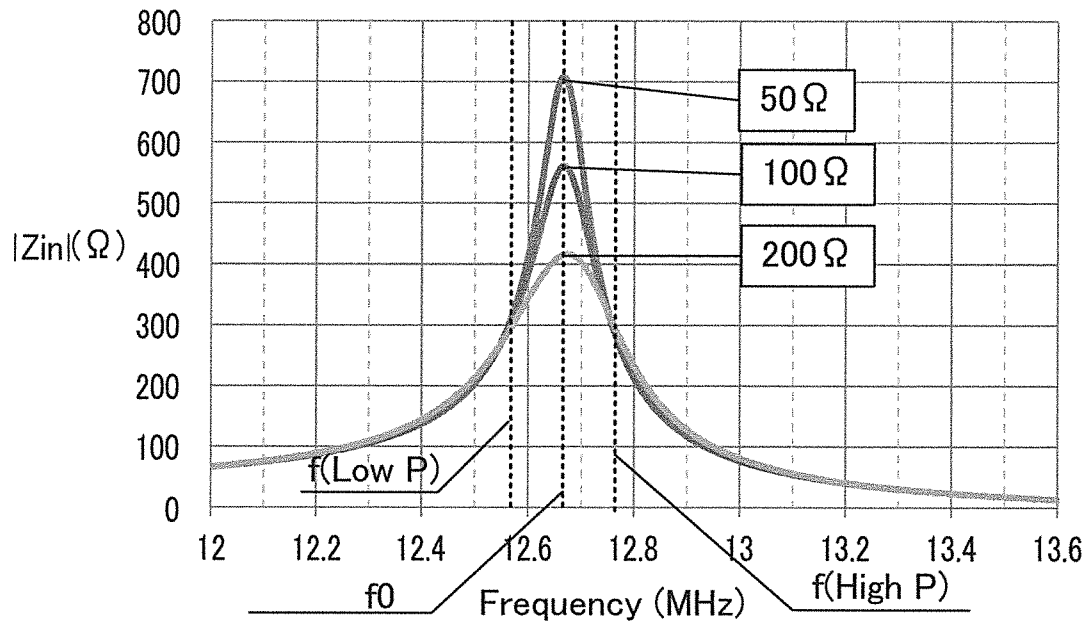


FIG.14C

	Z _{in} (TERMINATION LOAD)			
POWER-SOURCE FREQUENCY	R _L =50 Ω	R _L =100 Ω	R _L =200 Ω	TENDENCY
f(Low P) =12.53 MHz	241.7 Ω	241.6 Ω	247.1 Ω	→
f ₀ =12.63 MHz	565.5 Ω	485.9 Ω	387.1 Ω	↘
f(High P) =12.73 MHz	347.3 Ω	338.0 Ω	333.6 Ω	→

FIG.15

