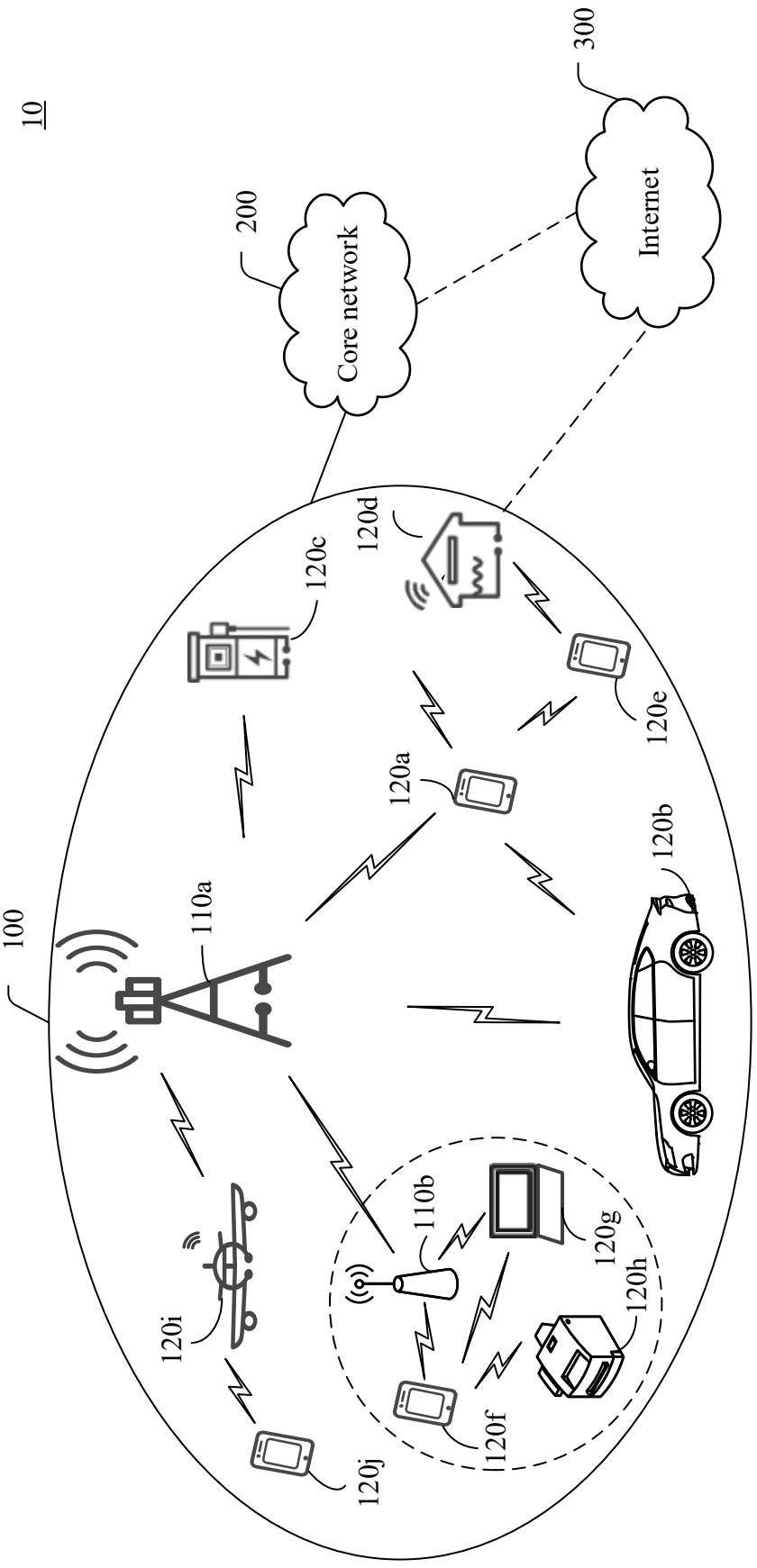

10
300
Internet
200
Core network
100
110a
120c
120d
120a
120e
120b
110b
120g
120h
120i
120f
120j

FIG. 1

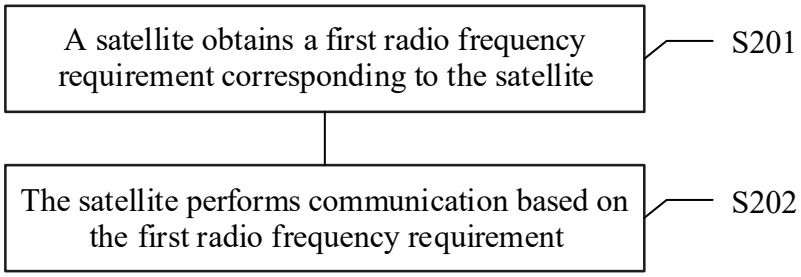

A satellite obtains a first radio frequency requirement corresponding to the satellite
S201
The satellite performs communication based on the first radio frequency requirement
S202

FIG. 2

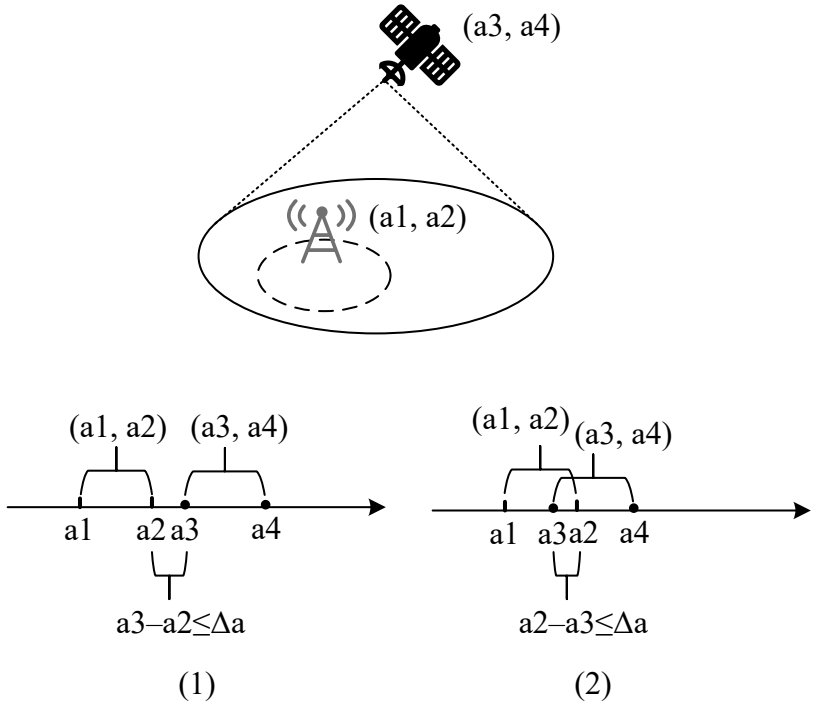

(a3, a4)
(a1, a2)
(a1, a2)
(a3, a4)
a1
a2
a3
a4
a3–a2≤Δa
(1)
(a1, a2)
(a3, a4)
a1
a3
a2
a4
a2–a3≤Δa
(2)

FIG. 3

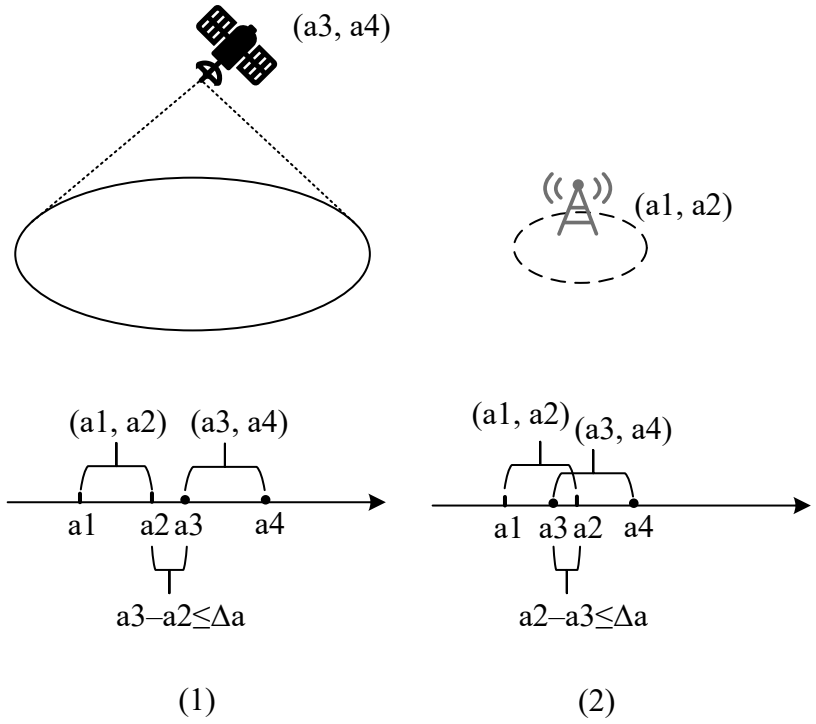

(a3, a4)
(a1, a2)
(a1, a2)
(a3, a4)
a1
a2
a3
a4
a3–a2≤Δa
(a1, a2)
(a3, a4)
a1
a3
a2
a4
a2–a3≤Δa
(1)
(2)

FIG. 4

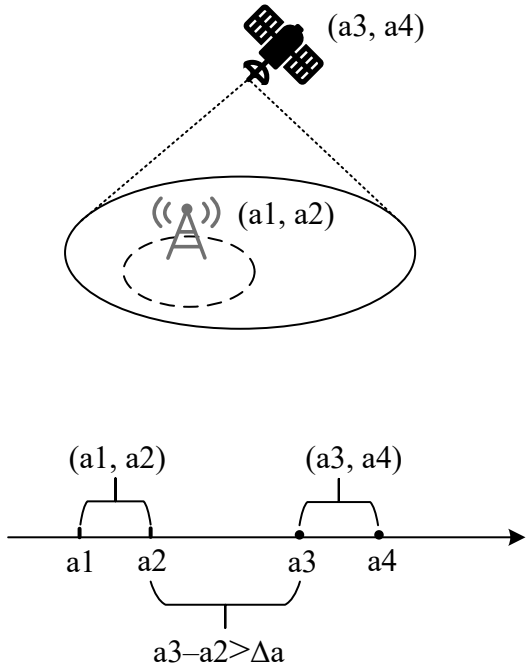

(a3, a4)
(a1, a2)
(a1, a2)
(a3, a4)
a1
a2
a3
a4
a3–a2>Δa

FIG. 5

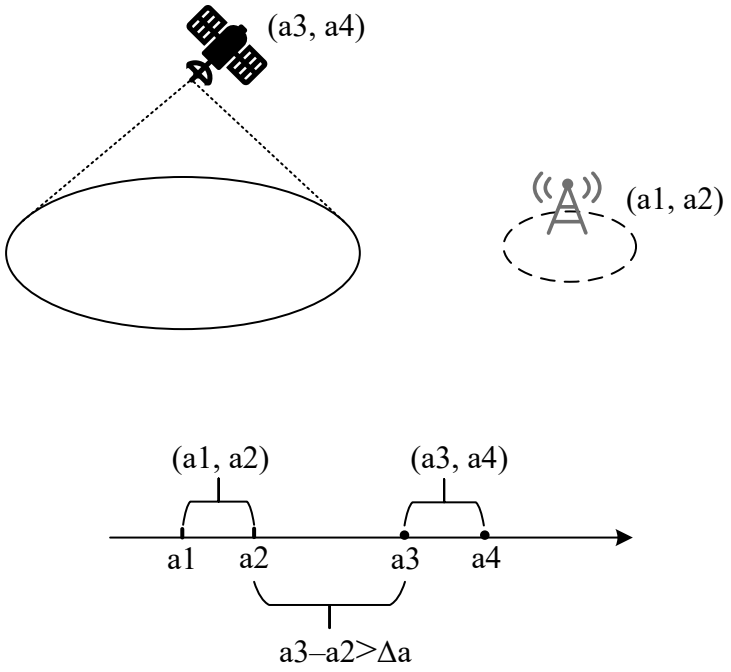


FIG. 6

NR-NTN			Values
Satellite	ACLR	First satellite capability category	V1
		Second satellite capability category	V2
	ACS	First satellite capability category	U1
		Second satellite capability category	U2

FIG. 7

NR-NTN			Values
Satellite	First satellite capability category	ACLR	V1
		ACS	U1
		EIRP density	W1
	Second satellite capability category	ACLR	V2
		ACS	U2

FIG. 8

NR-NTN			Values	
			Region of a coexistence type	Region of a non-coexistence type
Satellite	First satellite capability category	ACLR	V11	V12
		ACS	U11	U12
		EIRP density	W11	–
	Second satellite capability category	ACLR	V21	V22
		ACS	U21	U22

FIG. 9

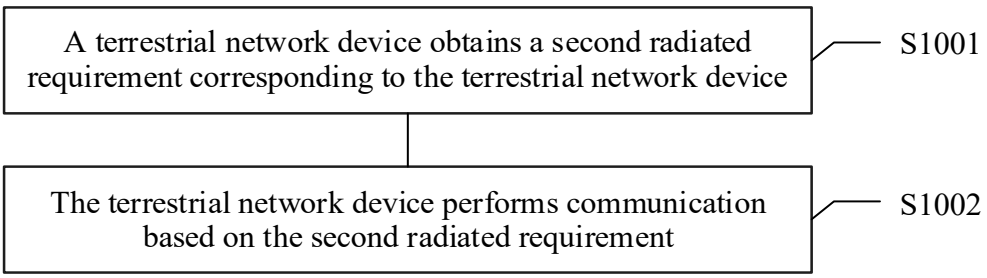


FIG. 10

NR-TN			Values
Terrestrial network device	ACLR	First satellite capability category	X1
		Second satellite capability category	X2
	ACS	First satellite capability category	Y1
		Second satellite capability category	Y2

FIG. 11

NR-TN			Values
Terrestrial network device	First satellite capability category	ACLR	X1
		ACS	Y1
		EIRP density	Z1
	Second satellite capability category	ACLR	X2
		ACS	Y2

FIG. 12

NR-TN			Values	
			Region of a coexistence type	Region of a non-coexistence type
Terrestrial network device	First satellite capability category	ACLR	X11	X3
		ACS	Y11	Y3
		EIRP density	Z11	–
	Second satellite capability category	ACLR	X21	X3
		ACS	Y21	Y3

FIG. 13

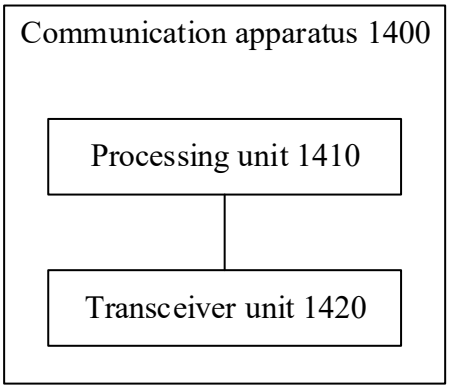

Communication apparatus 1400
Processing unit 1410
Transceiver unit 1420

FIG. 14

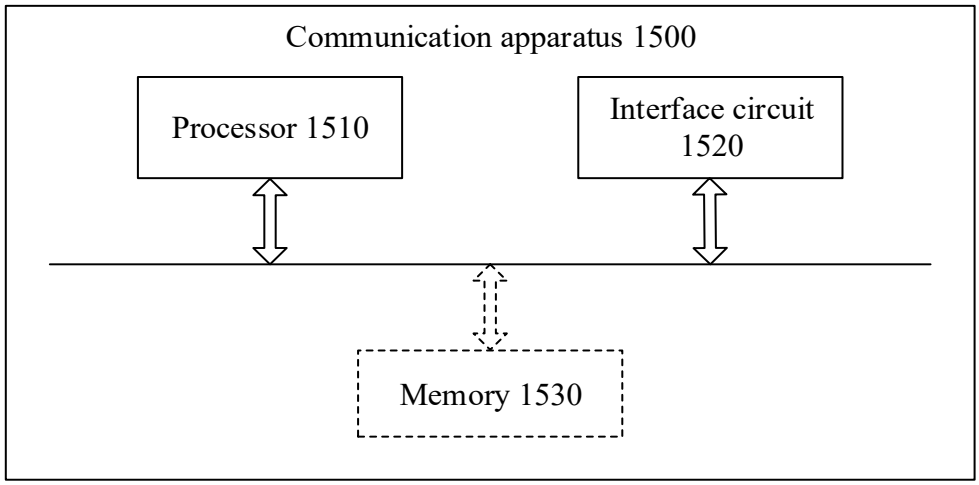

Communication apparatus 1500
Processor 1510
Interface circuit 1520
Memory 1530

FIG. 15