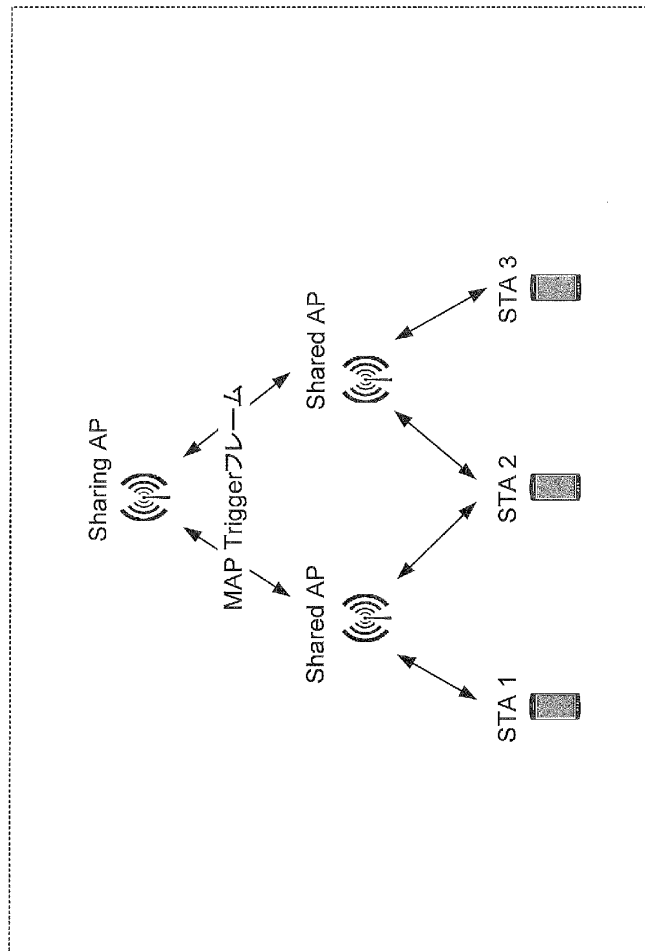


[図1]

Frame Control	Duration	RA	TA	Common Info	Per AP Info		Per AP Info	Padding	FCS
------------------	----------	----	----	----------------	----------------	-------	----------------	---------	-----

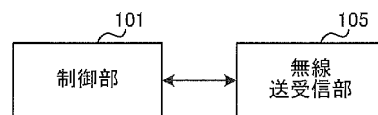
[図2]



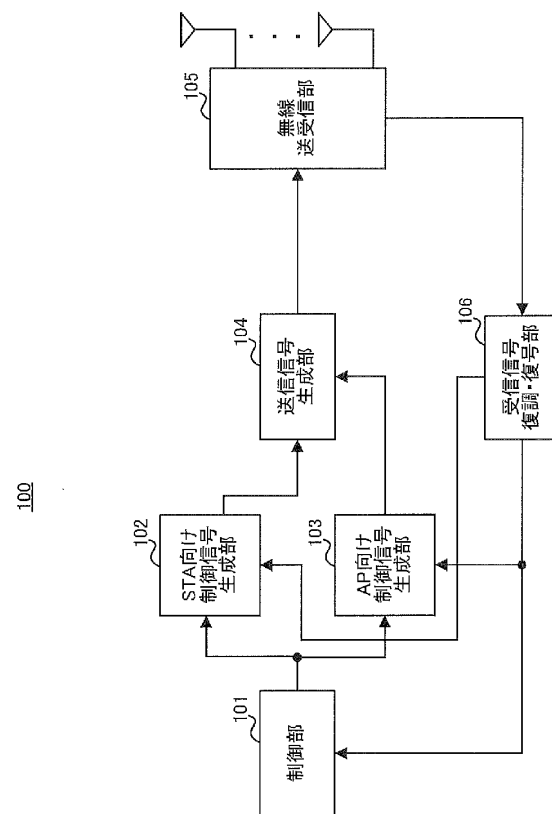
[図3]

	Sharing AP Tx Power	Sharing AP Acceptable Maximum Interference Level	Shared AP Maximum Tx Power	Shared AP Interference Level	Transmission Parameter (MCS, Sequence Number,...)	STA ID to Suppress	STA Resource Allocation Info to Suppress
C-SR	●	●	●	●	-	-	-
C-OFDMA	-	-	-	-	-	-	-
JT	-	-	-	-	●	-	-
D-MIMO	-	-	-	-	●	-	-
CBF	-	-	-	-	-	●	●

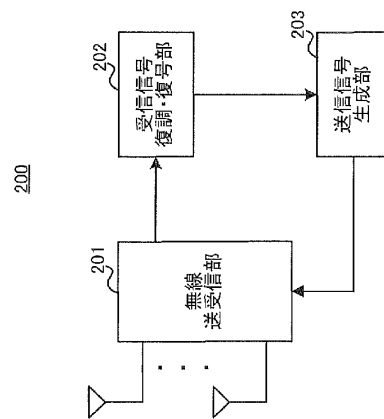
[図4]

100

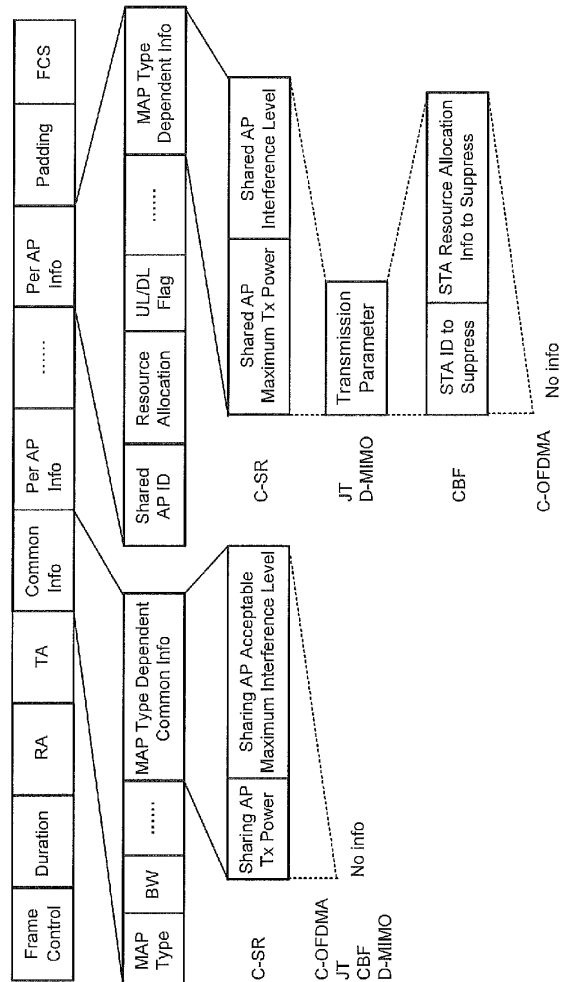
[図5]



[図6]



[図7]



[図8]

Type value B3 B2	Type description	Subtype value B7 B6 B5 B4	Subtype description
01	Control	0000-9994	Reserved
01	Control	0001	MAP Trigger
01	Control	0010	Trigger
01	Control	0011	TACK
01	Control	0100	Beamforming Report Poll
01	Control	0101	VHT/HE NDP Announcement
01	Control	0110	Control Frame Extension
01	Control	0111	Control Wrapper
01	Control	1000	Block Ack Request (BlockAckReq)
01	Control	1001	Block Ack (BlockAck)
01	Control	1010	PS-Poll
01	Control	1011	RTS
01	Control	1100	CTS
01	Control	1101	Ack
01	Control	1110	CF-End
01	Control	1111	Reserved

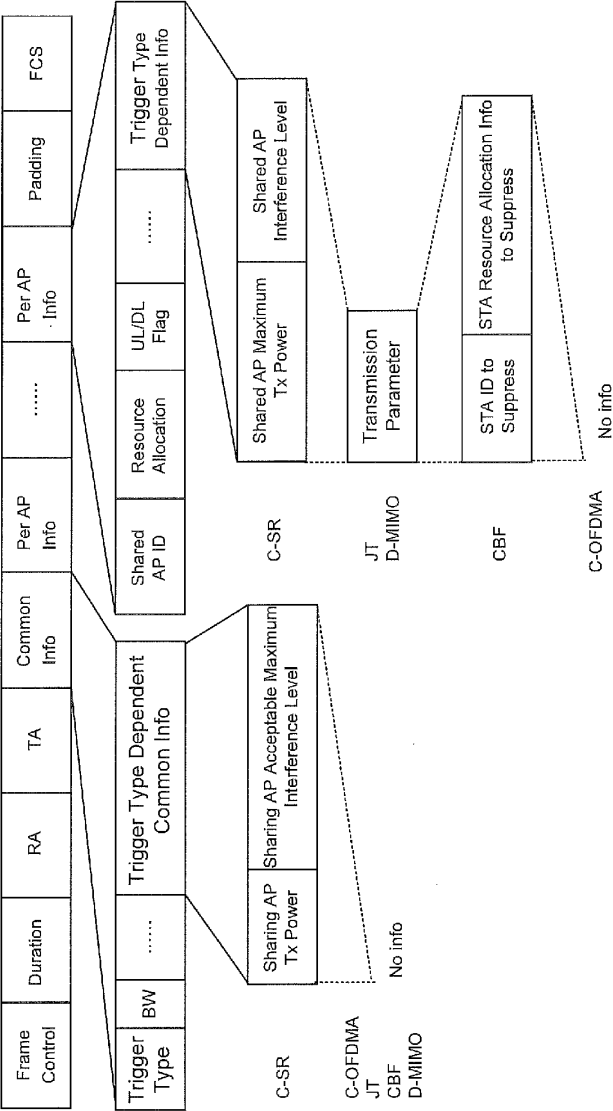
[図9]

index	MAP type
0	C-SR
1	C-OFDMA
2	JT
3	D-MIMO
4	CBF
.	.
.	.

[図10]

index	MAP type
0	C-SR
1	C-OFDMA
2	JT, D-MIMO
3	CBF
.	.
.	.

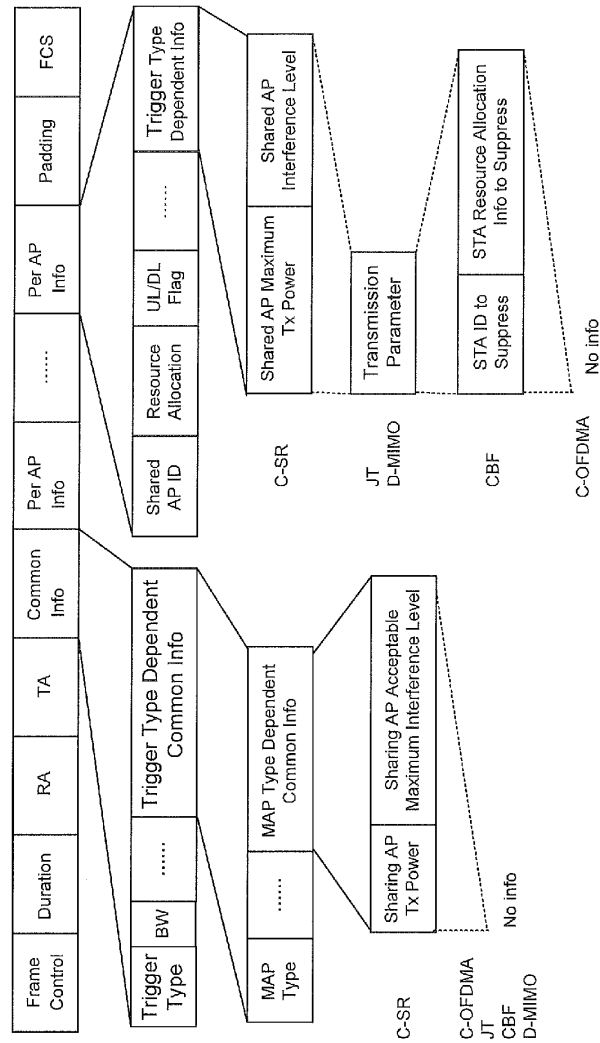
[図11]



[図12]

Trigger Type subfield value	Trigger frame variant
0	Basic
1	Beamforming Report Poll (BFRP)
2	MU-BAR
3	MU-RTS
4	Buffer Status Report Poll (BSRP)
5	GCR MU-BAR
6	Bandwidth Query Report Poll (BQRP)
7	NDP Feedback Report Poll (NFRP)
8	Multi-AP C-SR
9	Multi-AP C-OFDMA
10	Multi-AP JT
11	Multi-AP D-MIMO
12	Multi-AP CBF
13-15	Reserved

[図13]



[図14]

Trigger Type subfield value	Trigger frame variant
0	Basic
1	Beamforming Report Poll (BFRP)
2	MU-BAR
3	MU-RTS
4	Buffer Status Report Poll (BSRP)
5	GCR MU-BAR
6	Bandwidth Query Report Poll (BQRP)
7	NDP Feedback Report Poll (NFRP)
8	Multi-AP
9-15	Reserved

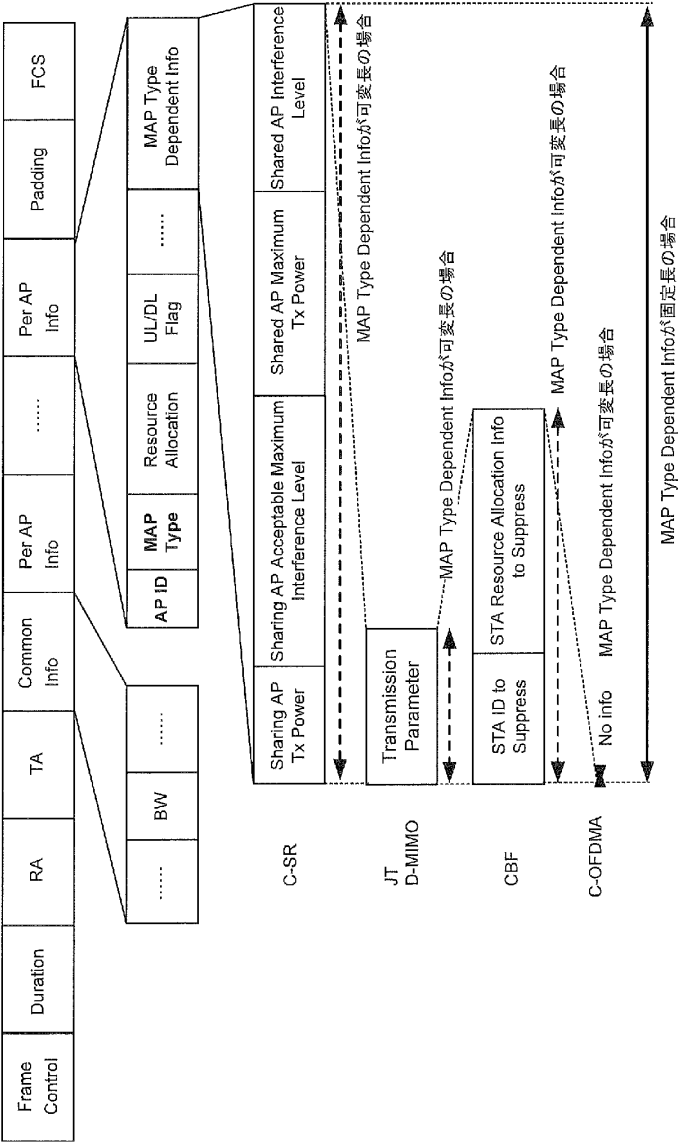
Figure 1 illustrates the structure of a frame, showing various fields and their sub-fields. The frame structure is as follows:

- Frame Control
- Duration
- RA
- TA
- Common Info
 - MAP Type Dependent Common Info
 - MAP Type
 - BW
 - AP#1
 - AP#2
- Per AP Info
 - Shared AP ID
 - Resource Allocation
 - UL/DL Flag
 - MAP Type Dependent Info
-
- Per AP Info
 - Shared AP Maximum Tx Power
 - Shared AP Interference Level
- Padding
- FCS

The diagram also shows the mapping of these fields to different transmission parameters and resource allocation information:

- Shared AP Maximum Tx Power and Shared AP Interference Level are mapped to C-SR (Cognitive Spectrum Resource).
- Shared AP ID and Resource Allocation are mapped to JT (Joint Transmission) and D-MIMO (Distributed Multiple Input Multiple Output).
- UL/DL Flag and MAP Type Dependent Info are mapped to CBF (Cognitive Beamforming).
- MAP Type and MAP Type Dependent Common Info are mapped to C-OFDMA (Cognitive Orthogonal Frequency Division Multiple Access).

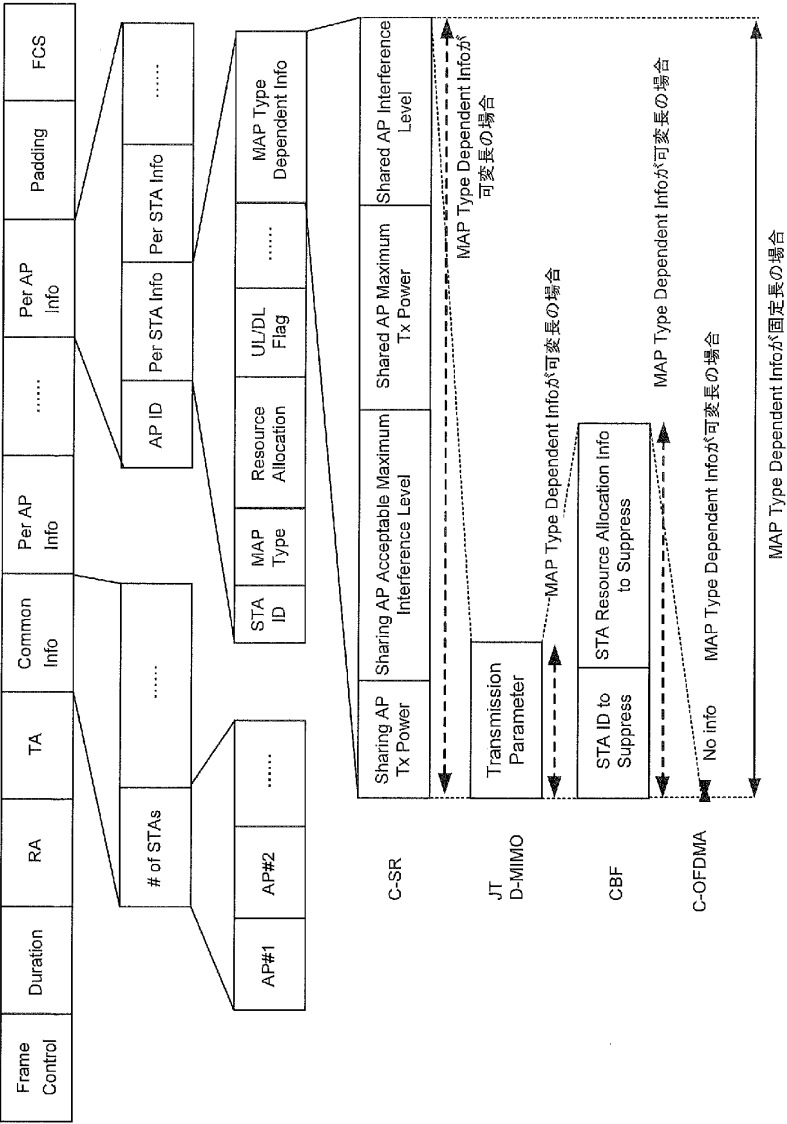
[図16]



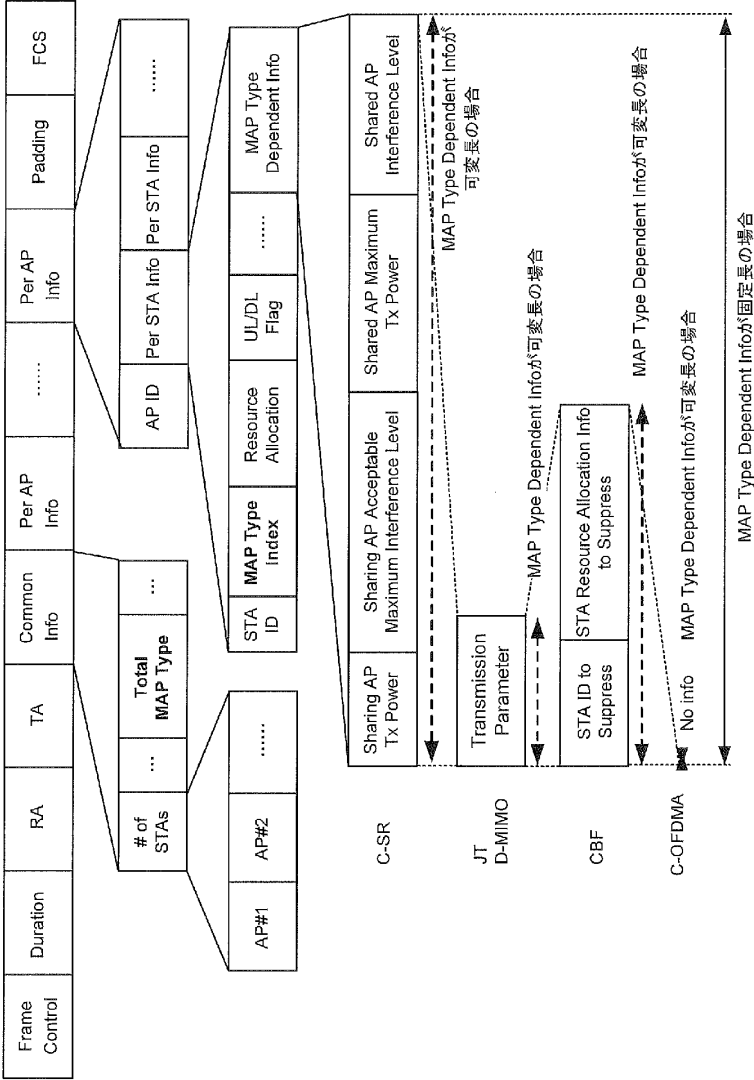
[図17]

方式		処理の複雑さ	シグナリング量
実施の形態 4: フィールド長	可変	中	中
実施の形態 5: フィールド長	固定	低	大
実施の形態 5: フィールド長	可変	高	小

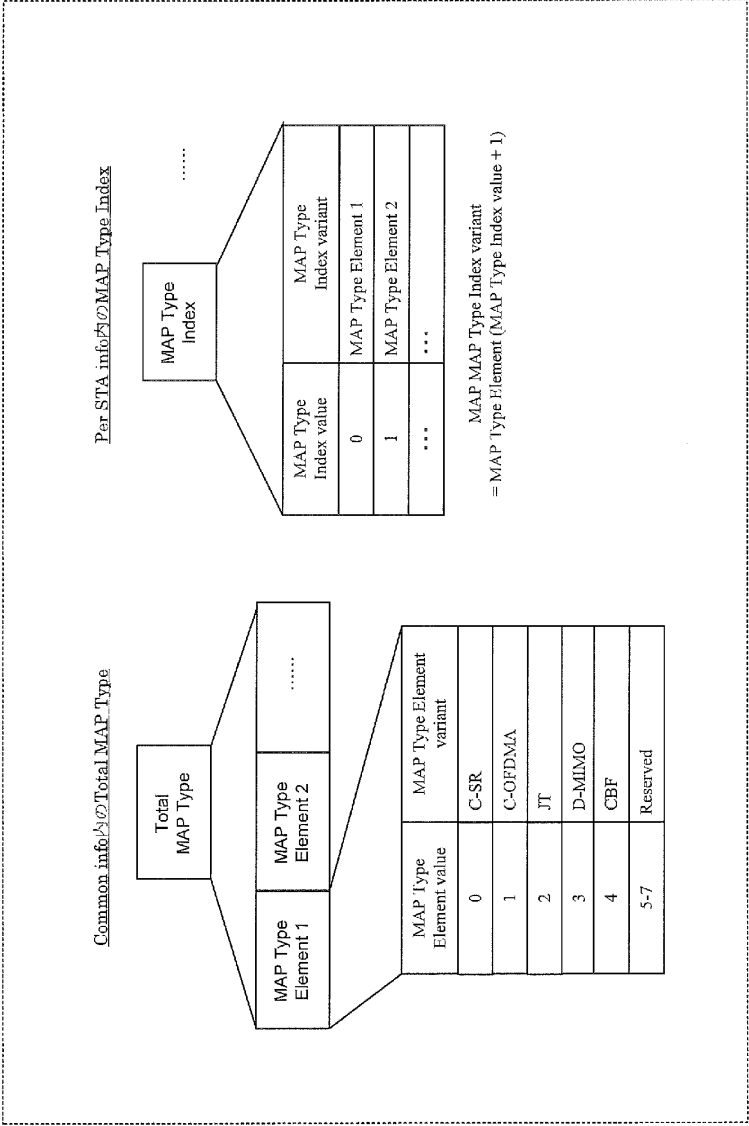
[図18]



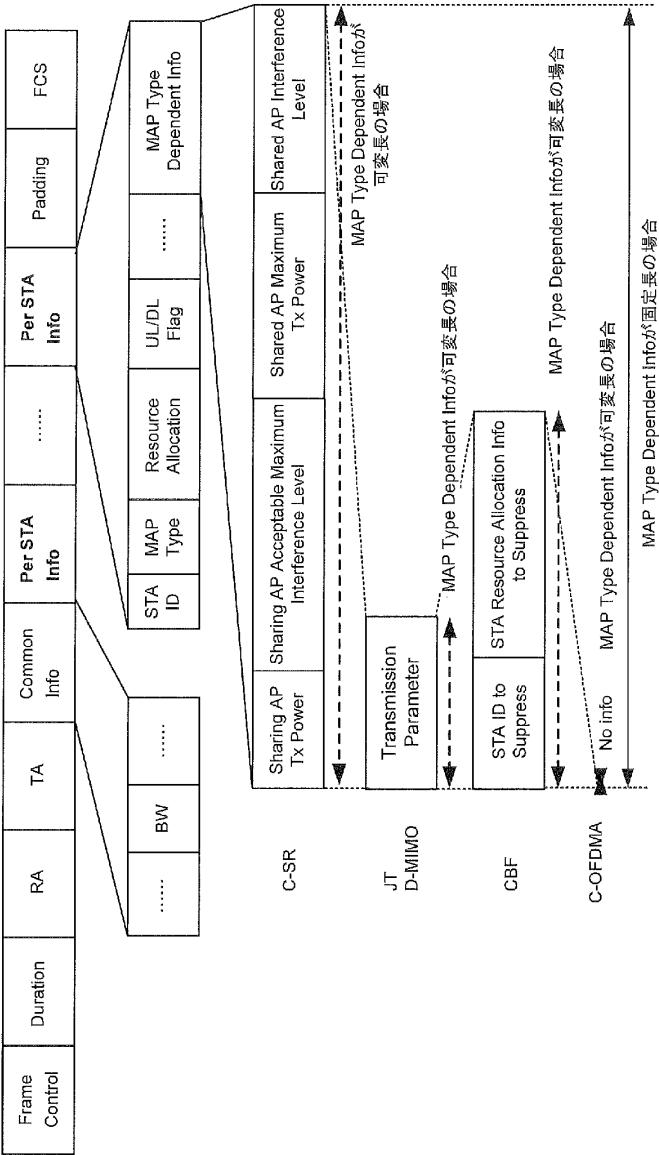
[図19]



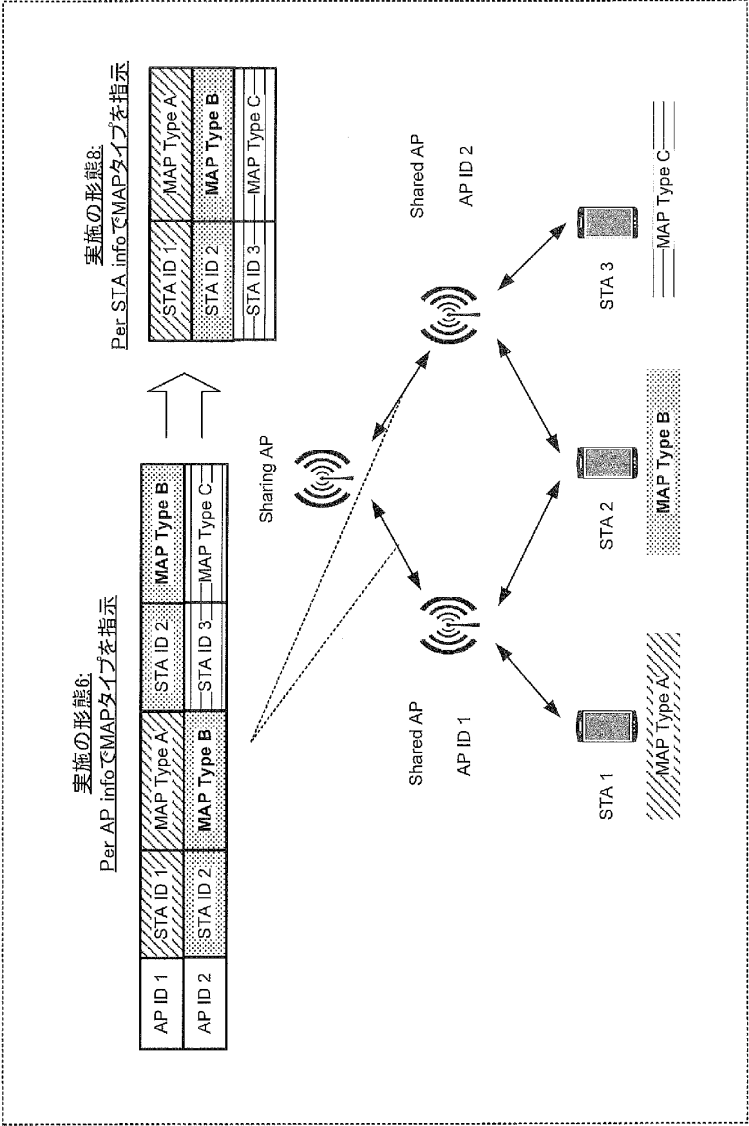
[図20]



[図22]



[図23]



[図24]

方式	処理の複雑さ	シグナリング量
実施の形態 6	中	大
実施の形態 7	低	中
実施の形態 8	高	小

[図25]

