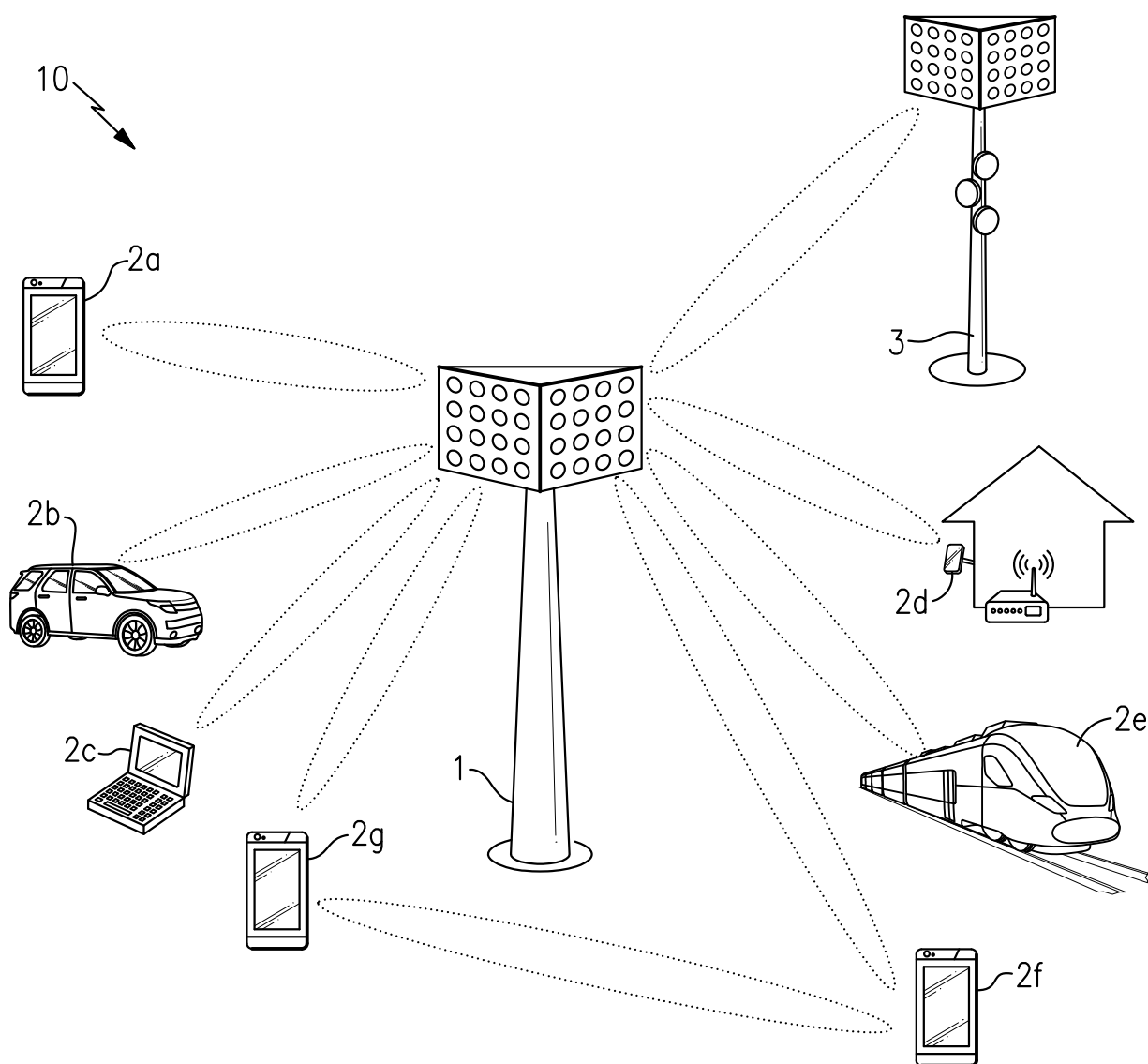
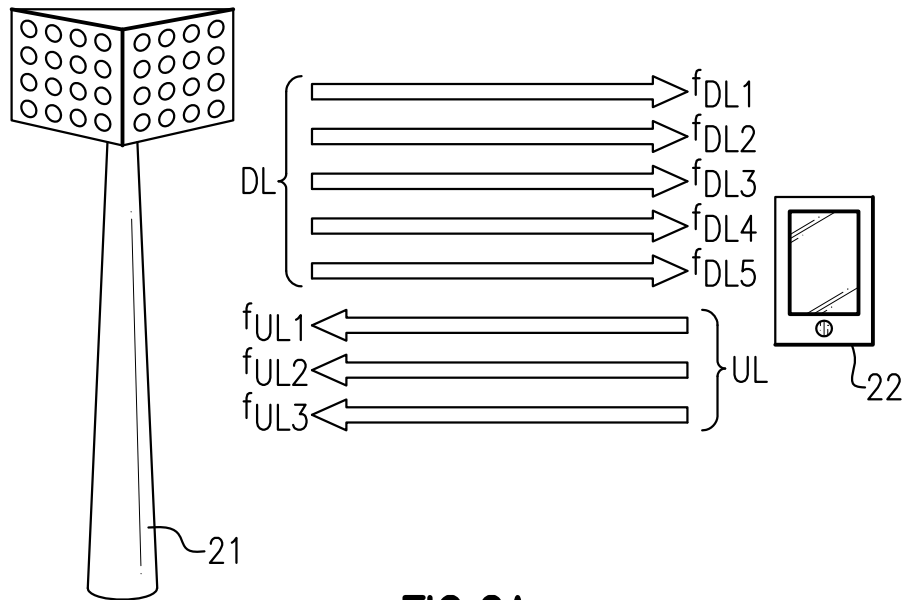
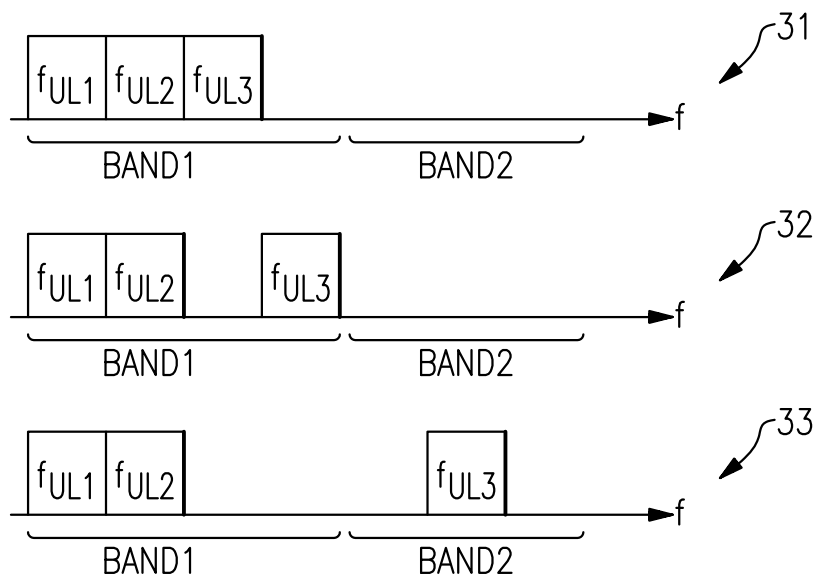
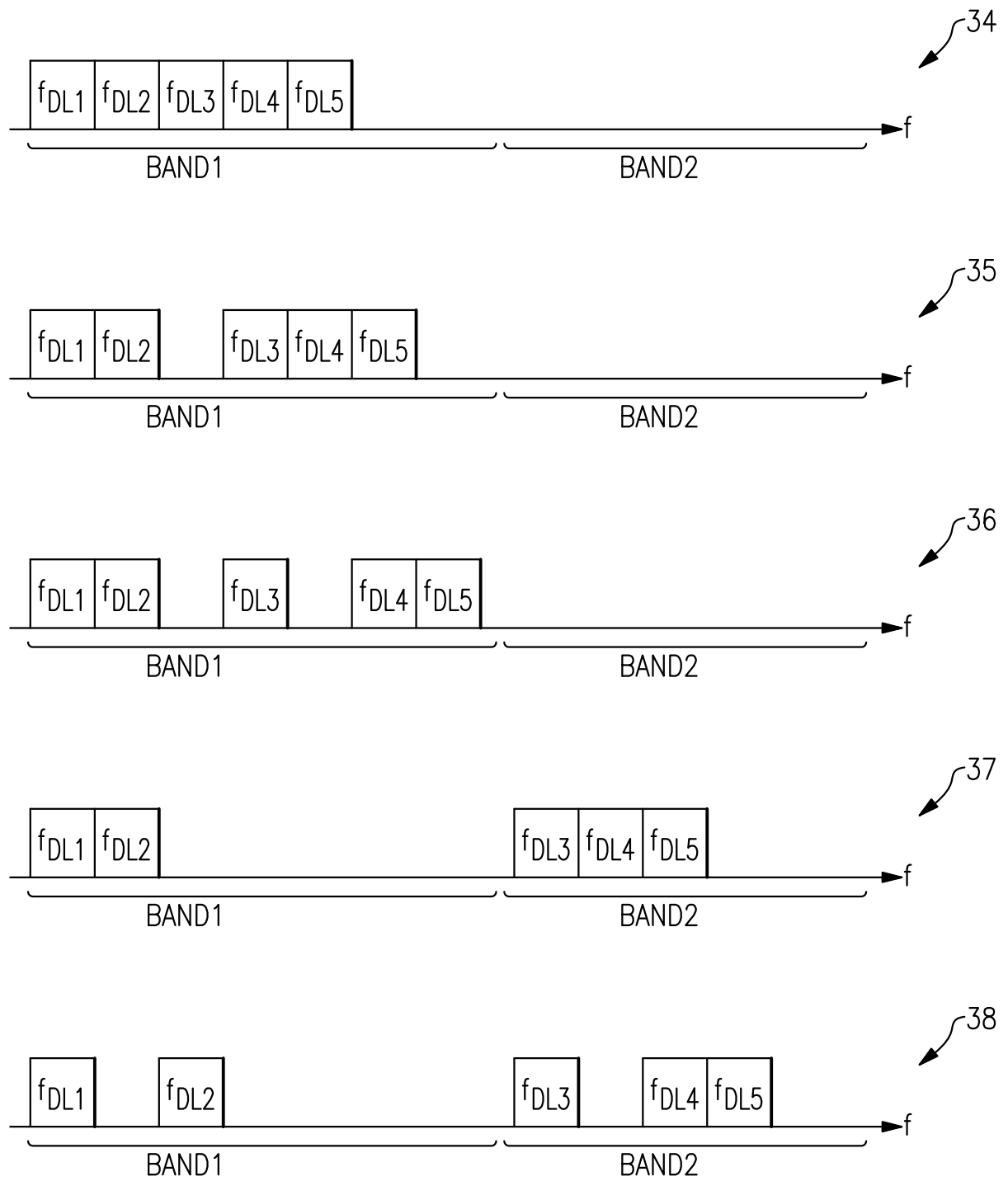
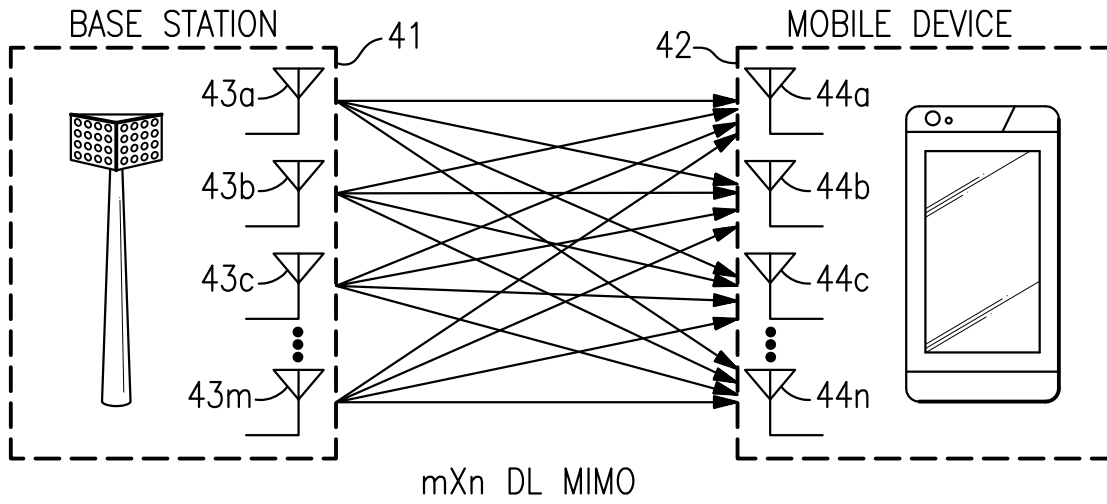
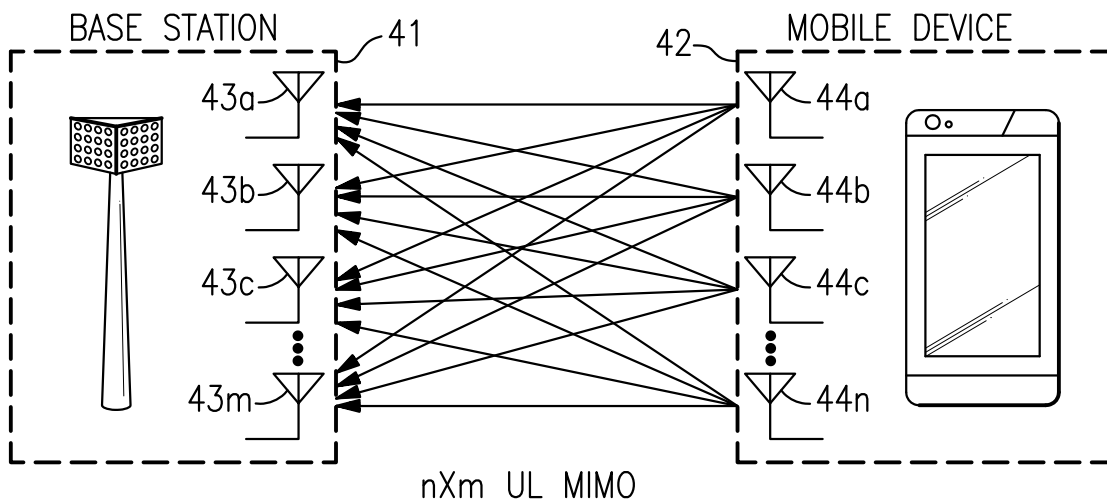
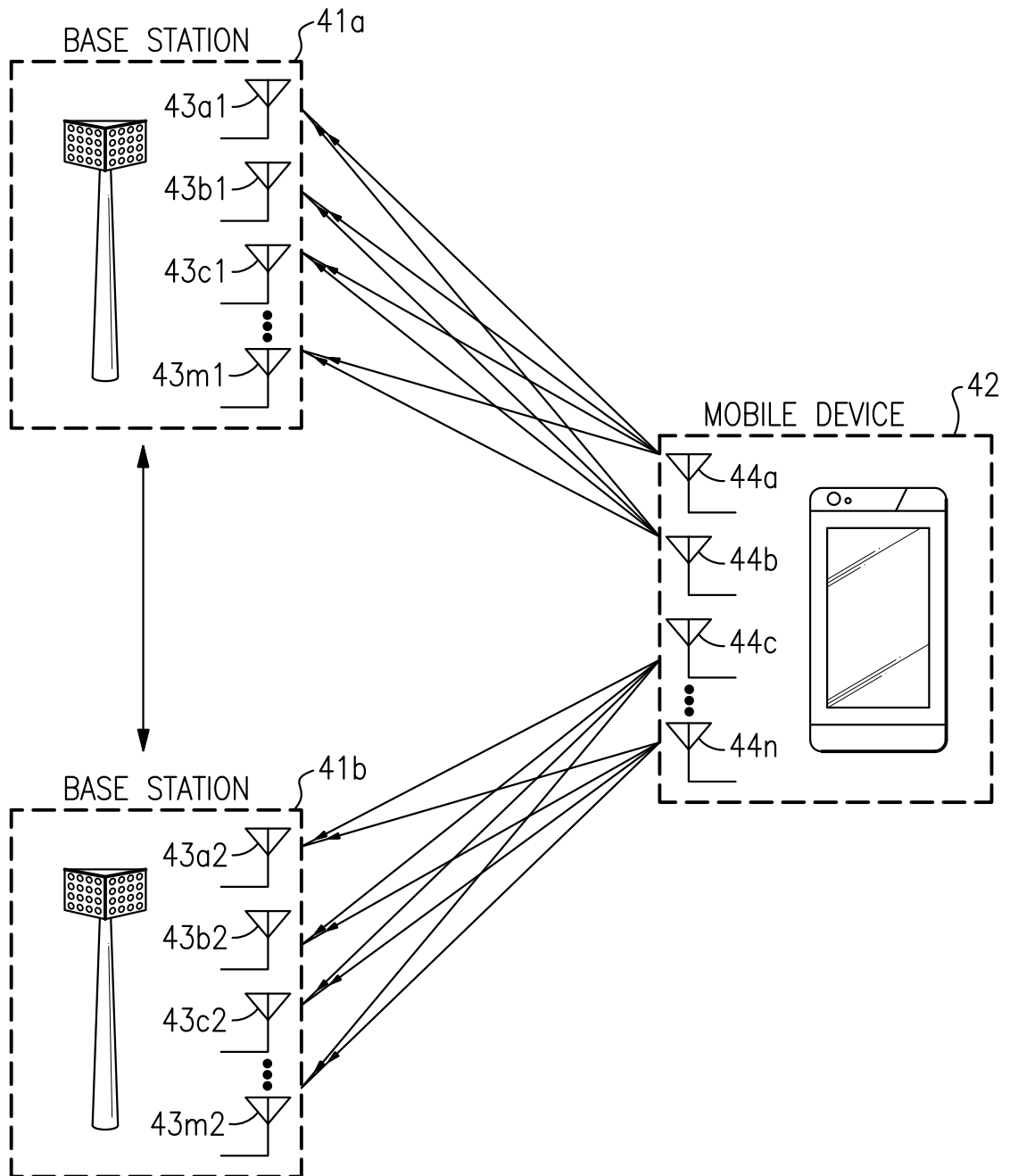


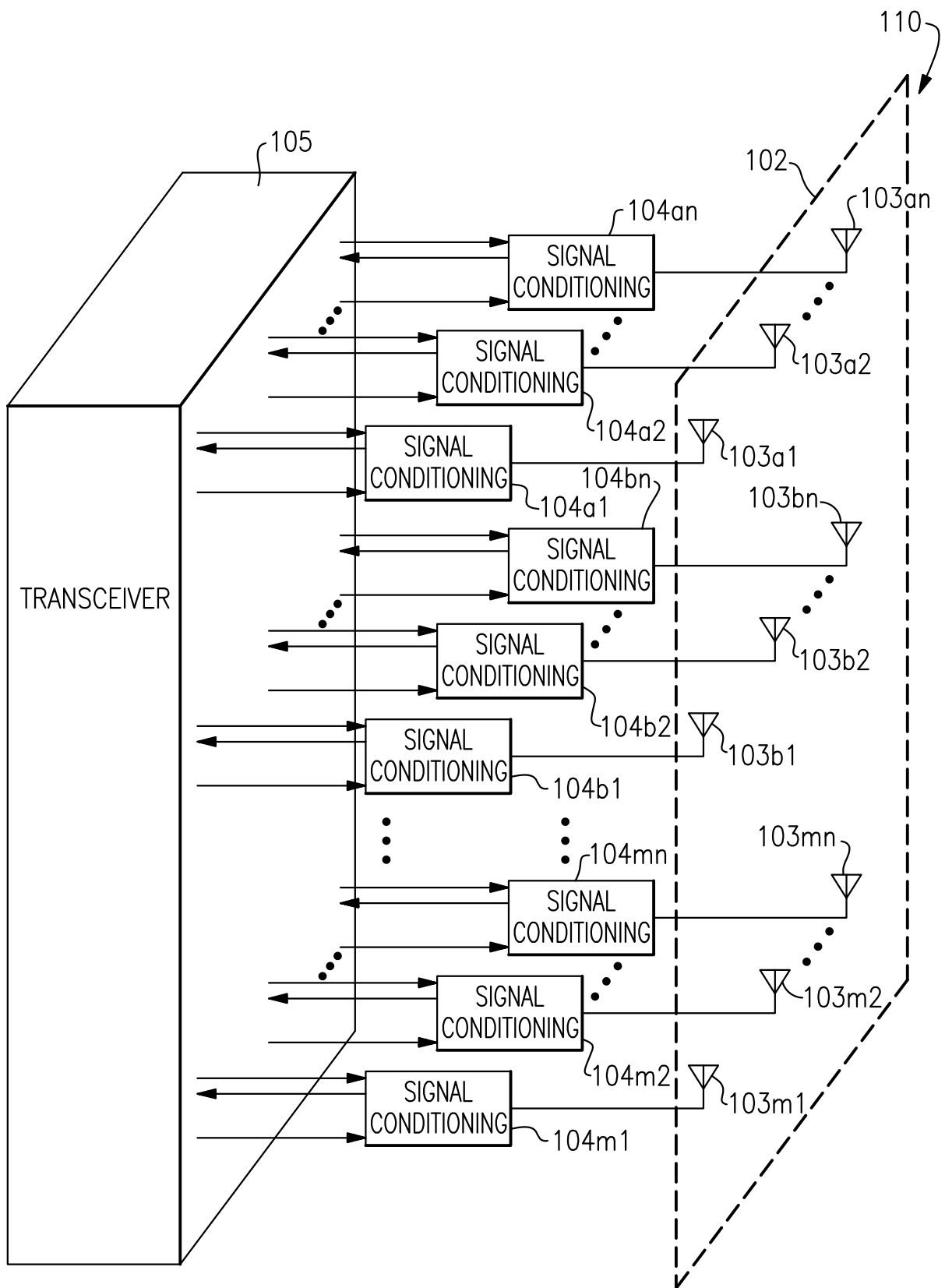
**FIG.1**

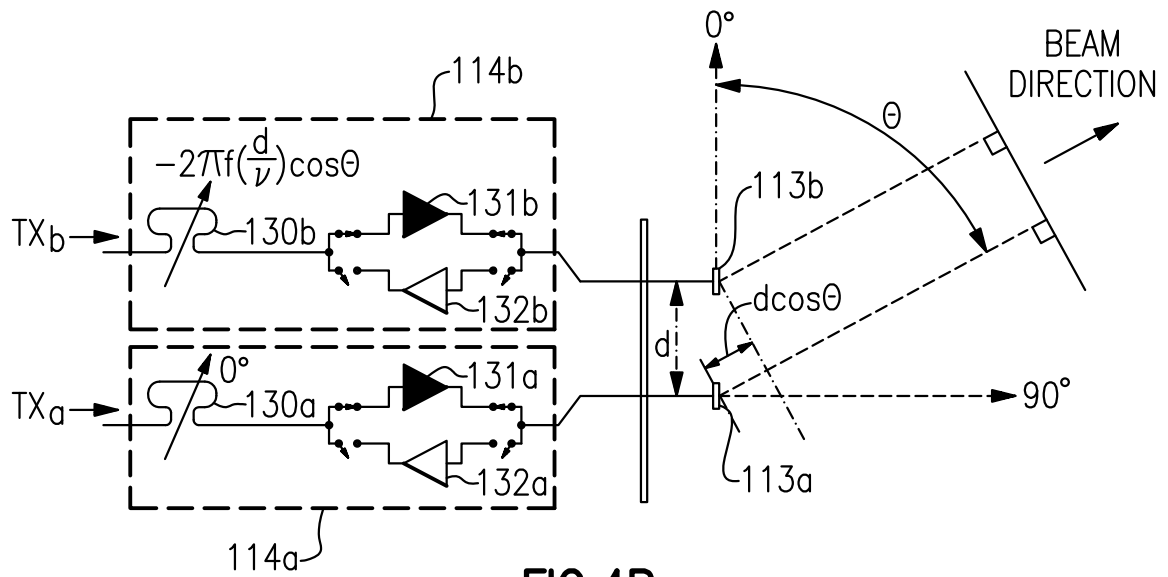
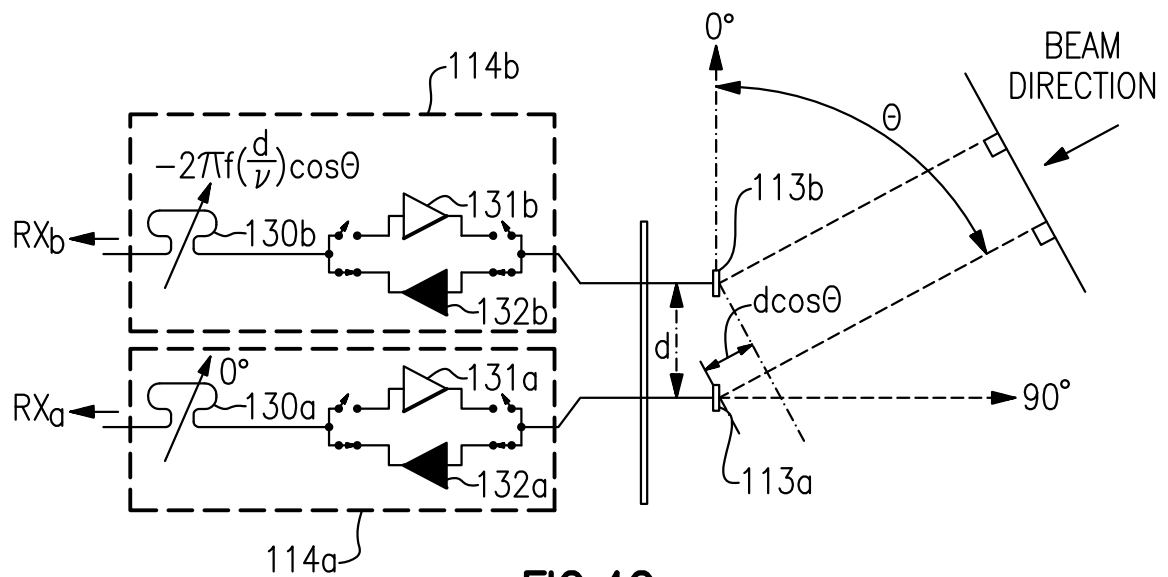
**FIG.2A****FIG.2B**

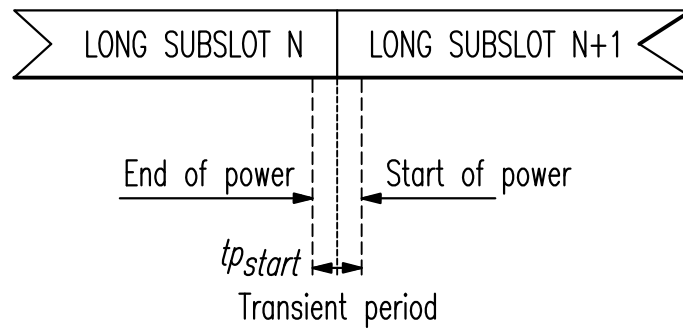
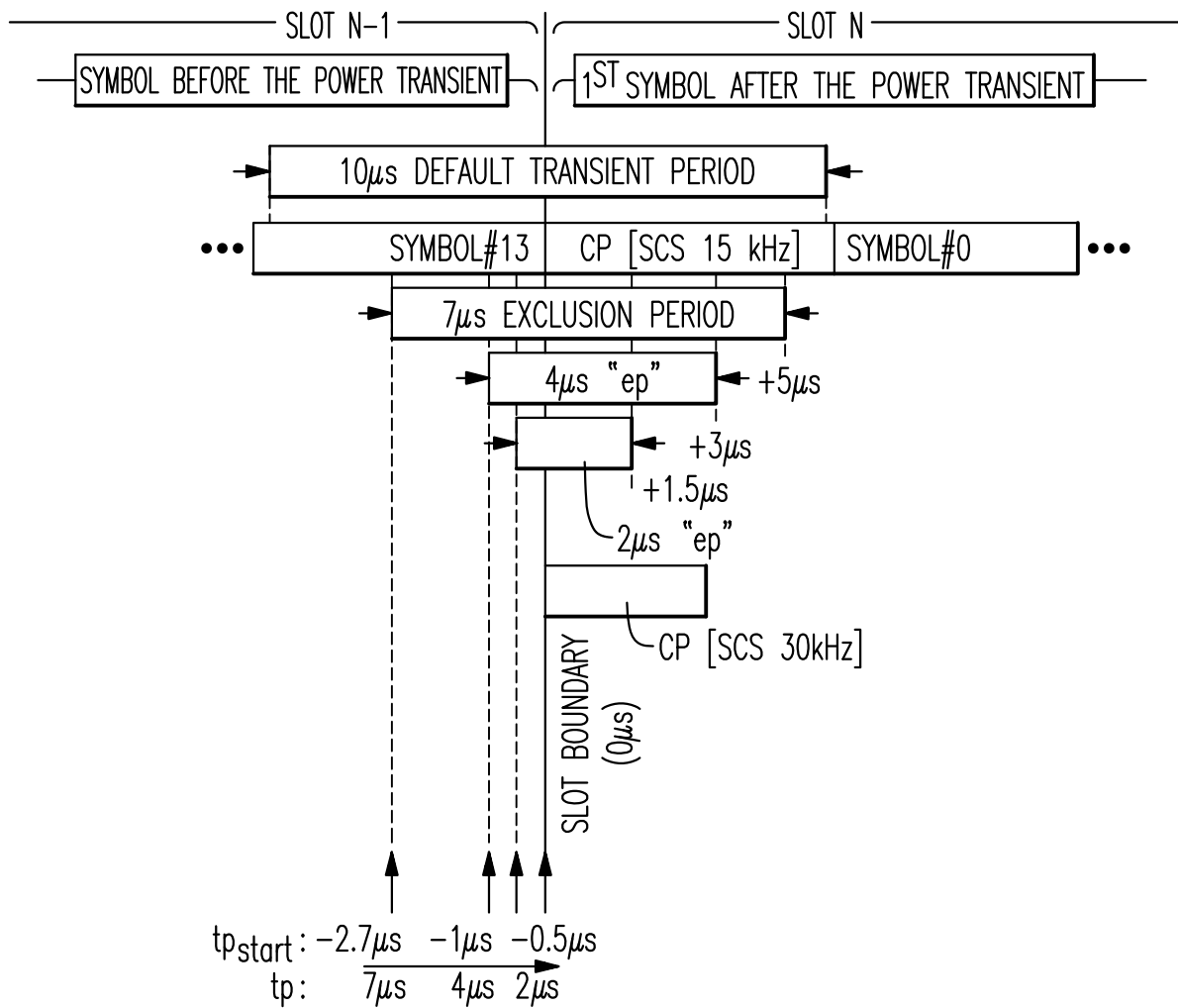
**FIG.2C**

**FIG.3A****FIG.3B**

FIG.3C

**FIG.4A**

**FIG. 4B****FIG. 4C**

**FIG.5A****FIG.5B**

SCS (kHz)	$t_p=7\mu s$ $t_{p\text{ start}}=-2.7\mu s$	$t_p=4\mu s$ $t_{p\text{ start}}=-1.0\mu s$	$t_p=2\mu s$ $t_{p\text{ start}}=-0.5\mu s$
15	✓	✓	✓
30	×	×	✓
60	×	×	✓

FIG.5C

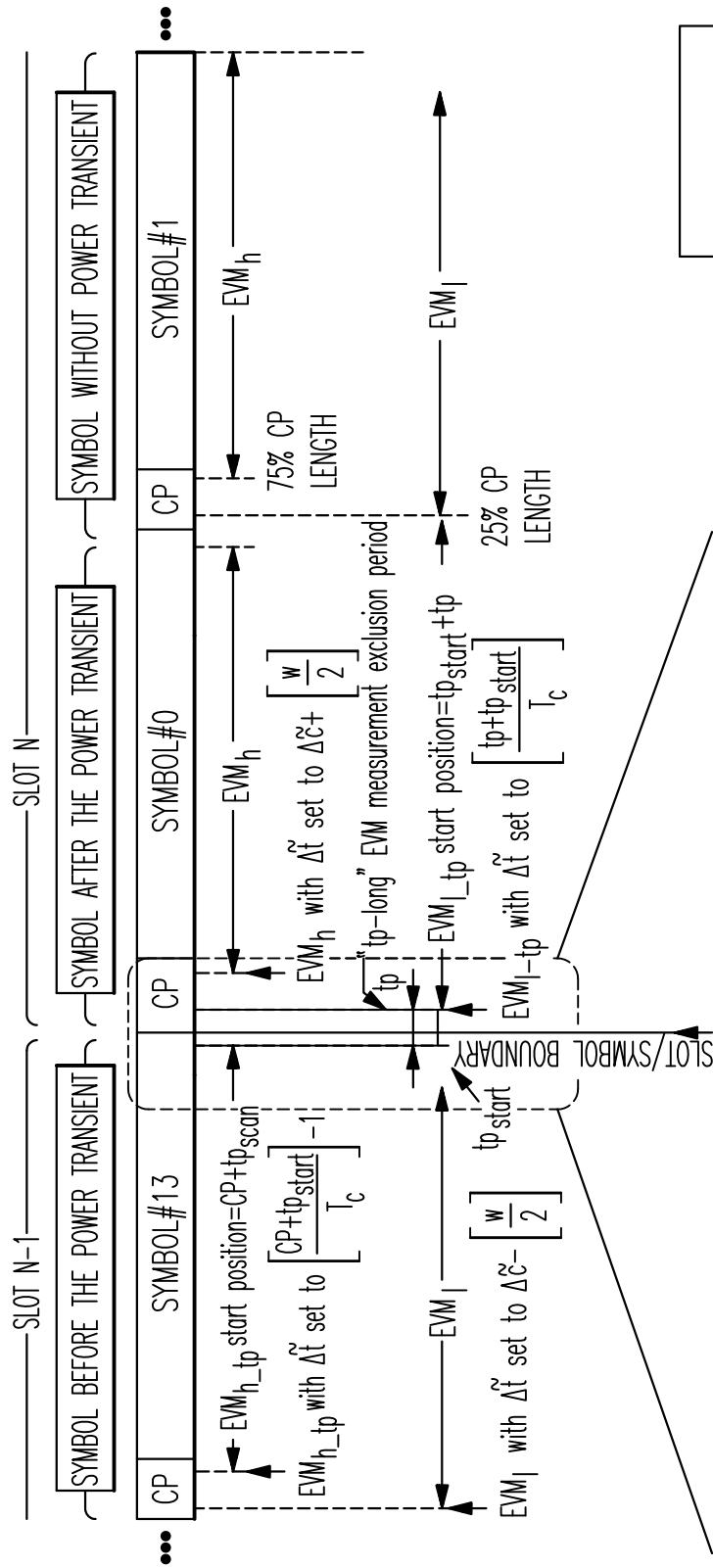


FIG.5D-1

FIG.5D-2

FIG.5D

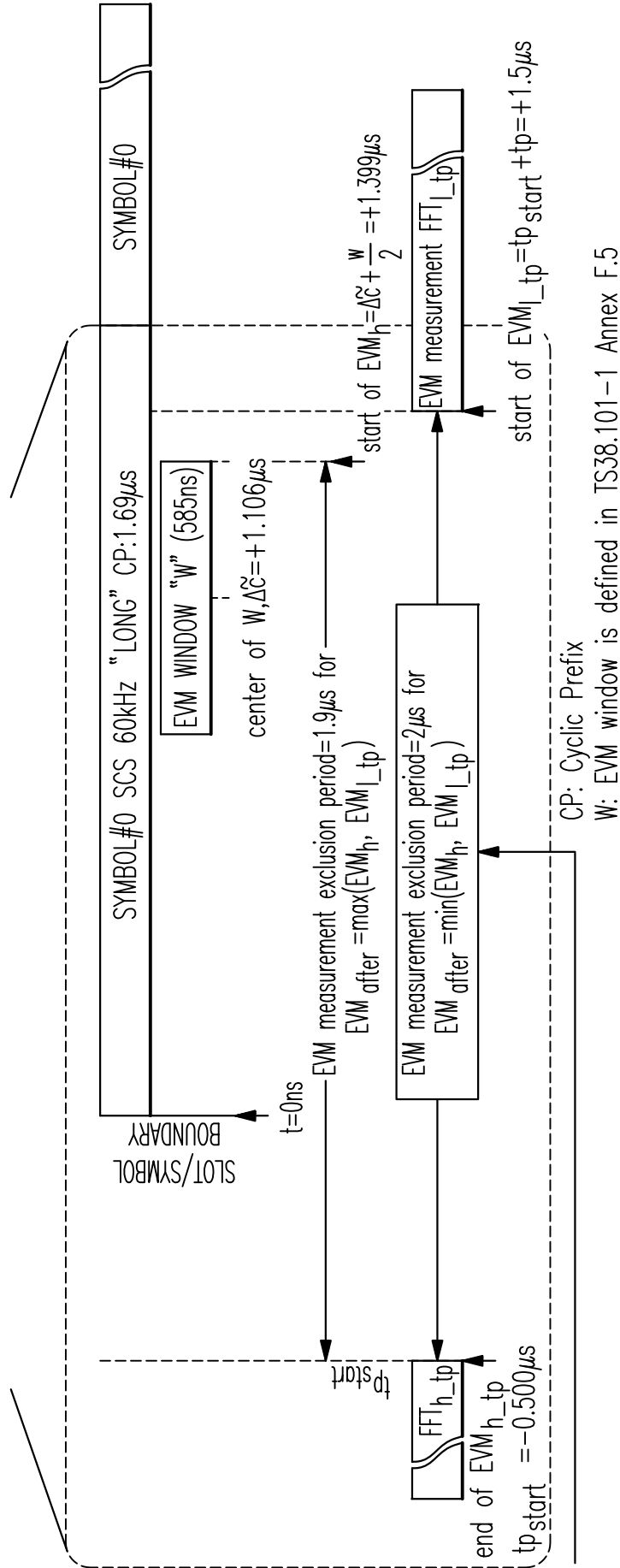


FIG.5D-2

Reported transient capability (μs)	EVM definition	$t_{p_start}(\mu s)$	SCS
2	$EVM_{after} = \min(\overline{EVM_{l_tp}}, \overline{EVM_h})$ $EVM_{before} = \max(\overline{EVM_l}, \overline{EVM_{h_tp}})$	-0.5	60kHz

FIG.5E

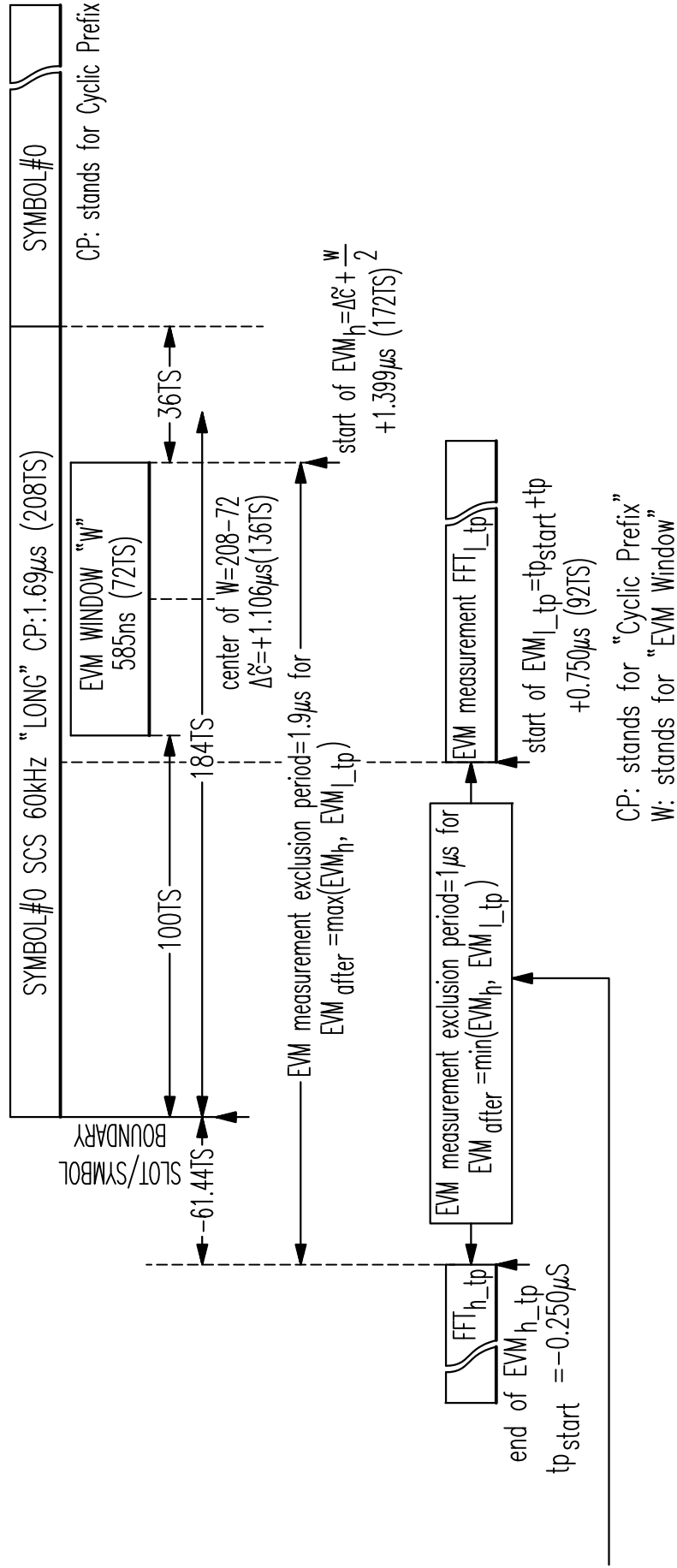


FIG.5F

Reported transient capability (μs)	EVM definition	$t_{p_start}(\mu s)$	SCS
1	$EVM_{after} = \max(\overline{EVM_{l_tp}}, \overline{EVM_h})$ $EVM_{before} = \max(\overline{EVM_l}, \overline{EVM_{h_tp}})$	-0.25	60kHz

FIG.5G

Reported transient capability (μ s)	EVM definition	tp start (μ s)	SCS	256QAM EVM symbol #13	256QAM EVM symbol #0	64QAM EVM symbol #13	64QAM EVM symbol #0
4	$\text{EVM}_{\text{after}} = \max(\overline{\text{EVM}_{\text{I_tp}}}, \overline{\text{EVM}_{\text{h}}})$ $\text{EVM}_{\text{before}} = \max(\overline{\text{EVM}_{\text{I}}}, \overline{\text{EVM}_{\text{h_tp}}})$	-1.0	30kHz	8%	10%	5%	7%

FIG.5I

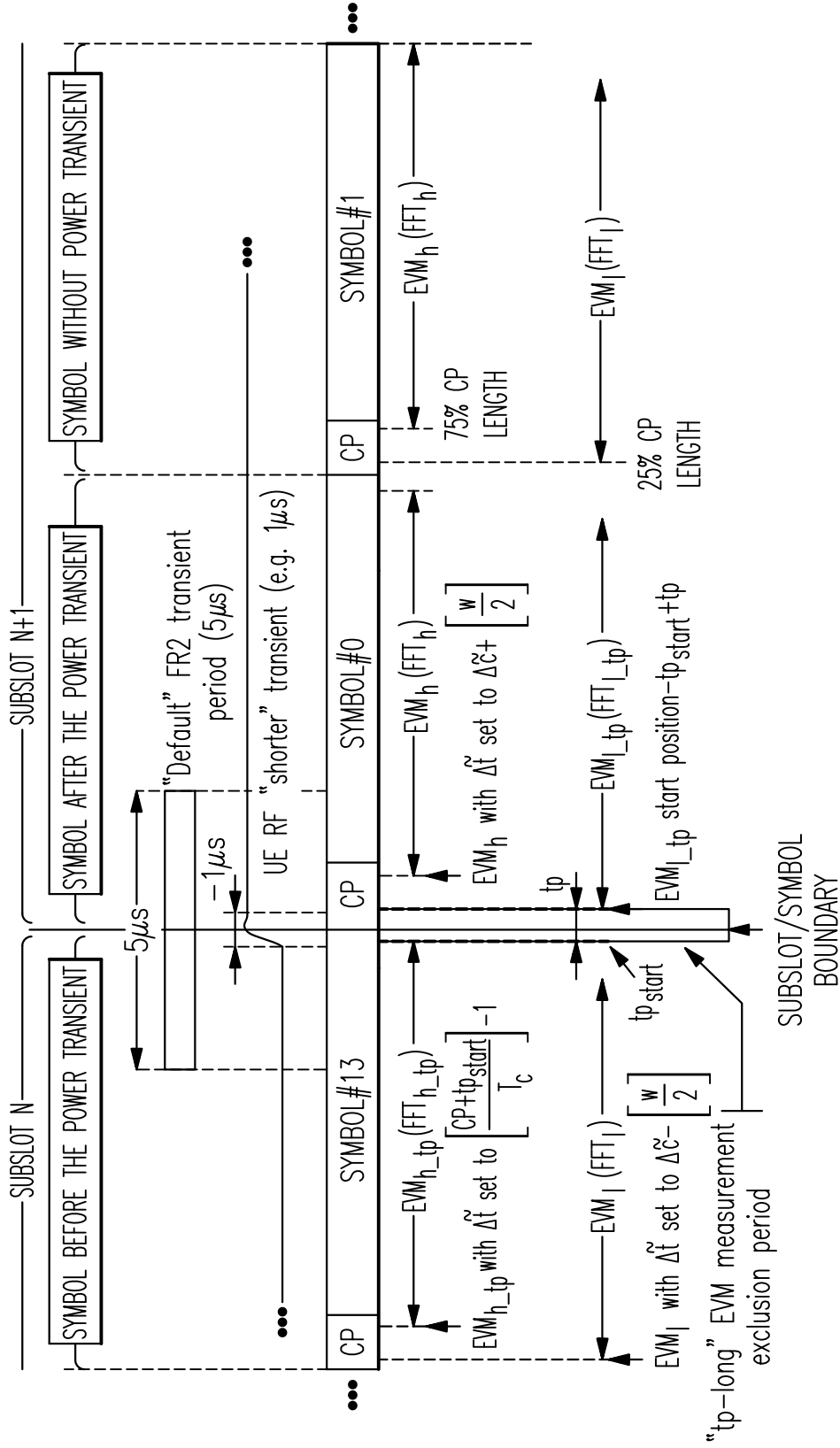


FIG.5J

Reported transient capability (μs)	EVM definition	$tp_{start}(\mu s)$	SCS
2	$EVM_{after} = \min(\overline{EVM}_{l_{tp}}, \overline{EVM}_h)$ $EVM_{before} = \max(\overline{EVM}_l, \overline{EVM}_{h_{tp}})$	-0.5	60kHz
1	$EVM_{after} = \max(\overline{EVM}_{l_{tp}}, \overline{EVM}_h)$ $EVM_{before} = \max(\overline{EVM}_l, \overline{EVM}_{h_{tp}})$	-0.25	120kHz
0.5	$EVM_{after} = \max(\overline{EVM}_{l_{tp}}, \overline{EVM}_h)$ $EVM_{before} = \max(\overline{EVM}_l, \overline{EVM}_{h_{tp}})$	-0.125	480kHz
0.5	$EVM_{after} = \max(\overline{EVM}_{l_{tp}}, \overline{EVM}_h)$ $EVM_{before} = \max(\overline{EVM}_l, \overline{EVM}_{h_{tp}})$	-0.125	960kHz
0.25	$EVM_{after} = \max(\overline{EVM}_{l_{tp}}, \overline{EVM}_h)$ $EVM_{before} = \max(\overline{EVM}_l, \overline{EVM}_{h_{tp}})$	-0.0625	480KHz
0.125	$EVM_{after} = \max(\overline{EVM}_{l_{tp}}, \overline{EVM}_h)$ $EVM_{before} = \max(\overline{EVM}_l, \overline{EVM}_{h_{tp}})$	-0.03125	960kHz

FIG.5K

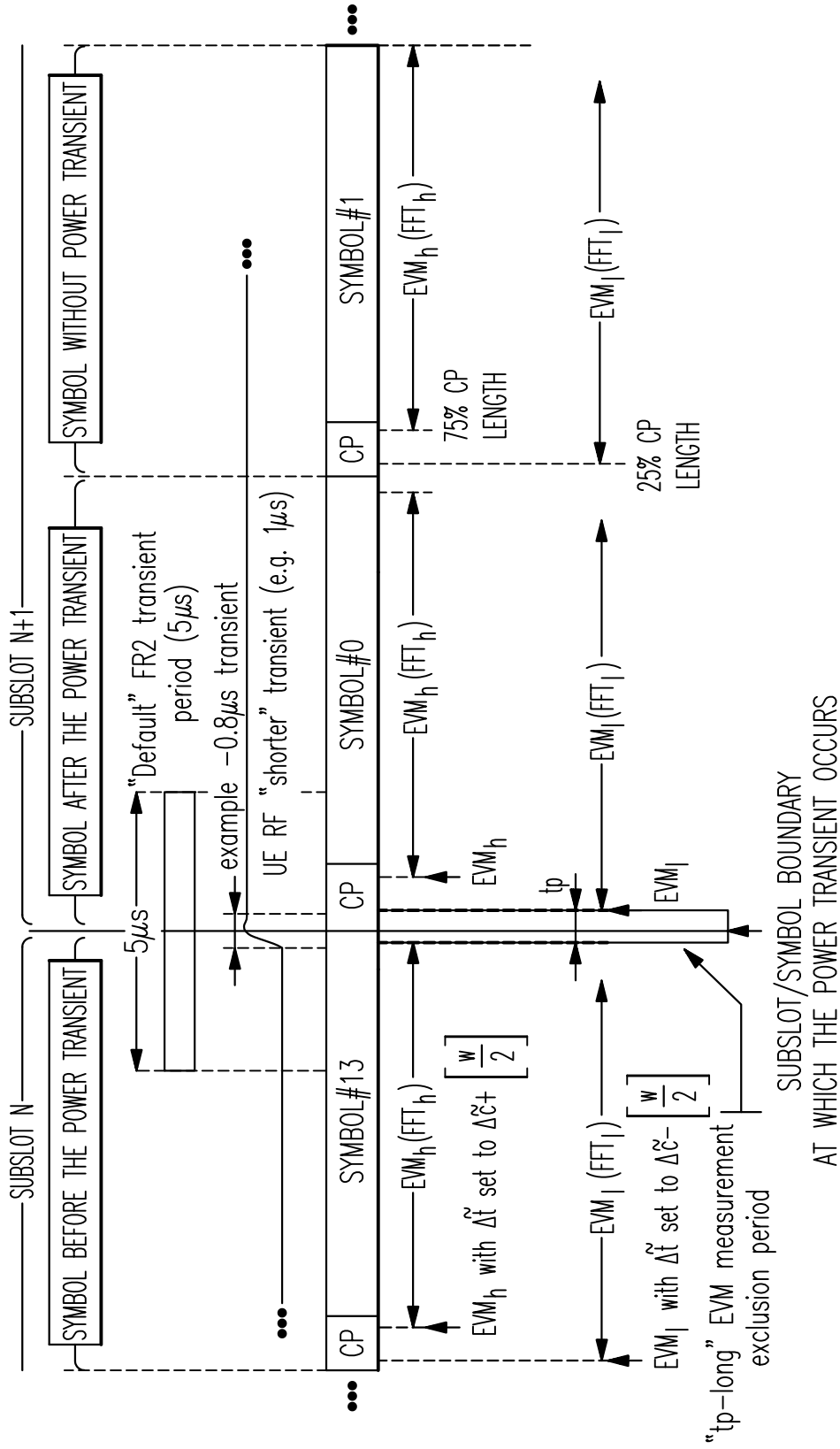
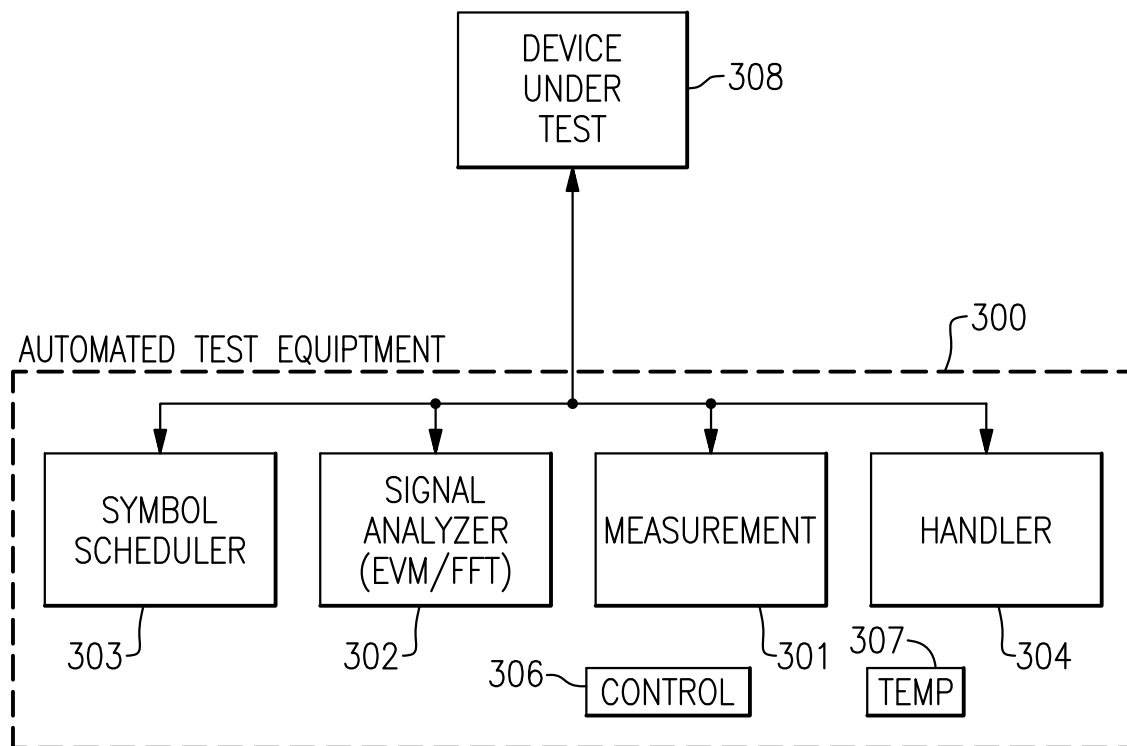


FIG.5L

SCS [kHz]	EVM definition	tp [μ s]
60	$\text{EVM}_{\text{after}} = \min(\overline{\text{EVM}}_l, \overline{\text{EVM}}_h)$ $\text{EVM}_{\text{before}} = \max(\overline{\text{EVM}}_l, \overline{\text{EVM}}_h)$	1.7
120	$\text{EVM}_{\text{after}} = \max(\overline{\text{EVM}}_l, \overline{\text{EVM}}_h)$ $\text{EVM}_{\text{before}} = \max(\overline{\text{EVM}}_l, \overline{\text{EVM}}_h)$	0.8
480	$\text{EVM}_{\text{after}} = \max(\overline{\text{EVM}}_l, \overline{\text{EVM}}_h)$ $\text{EVM}_{\text{before}} = \max(\overline{\text{EVM}}_l, \overline{\text{EVM}}_h)$	0.6
960	$\text{EVM}_{\text{after}} = \max(\overline{\text{EVM}}_l, \overline{\text{EVM}}_h)$ $\text{EVM}_{\text{before}} = \max(\overline{\text{EVM}}_l, \overline{\text{EVM}}_h)$	0.5

FIG.5M

**FIG.6**

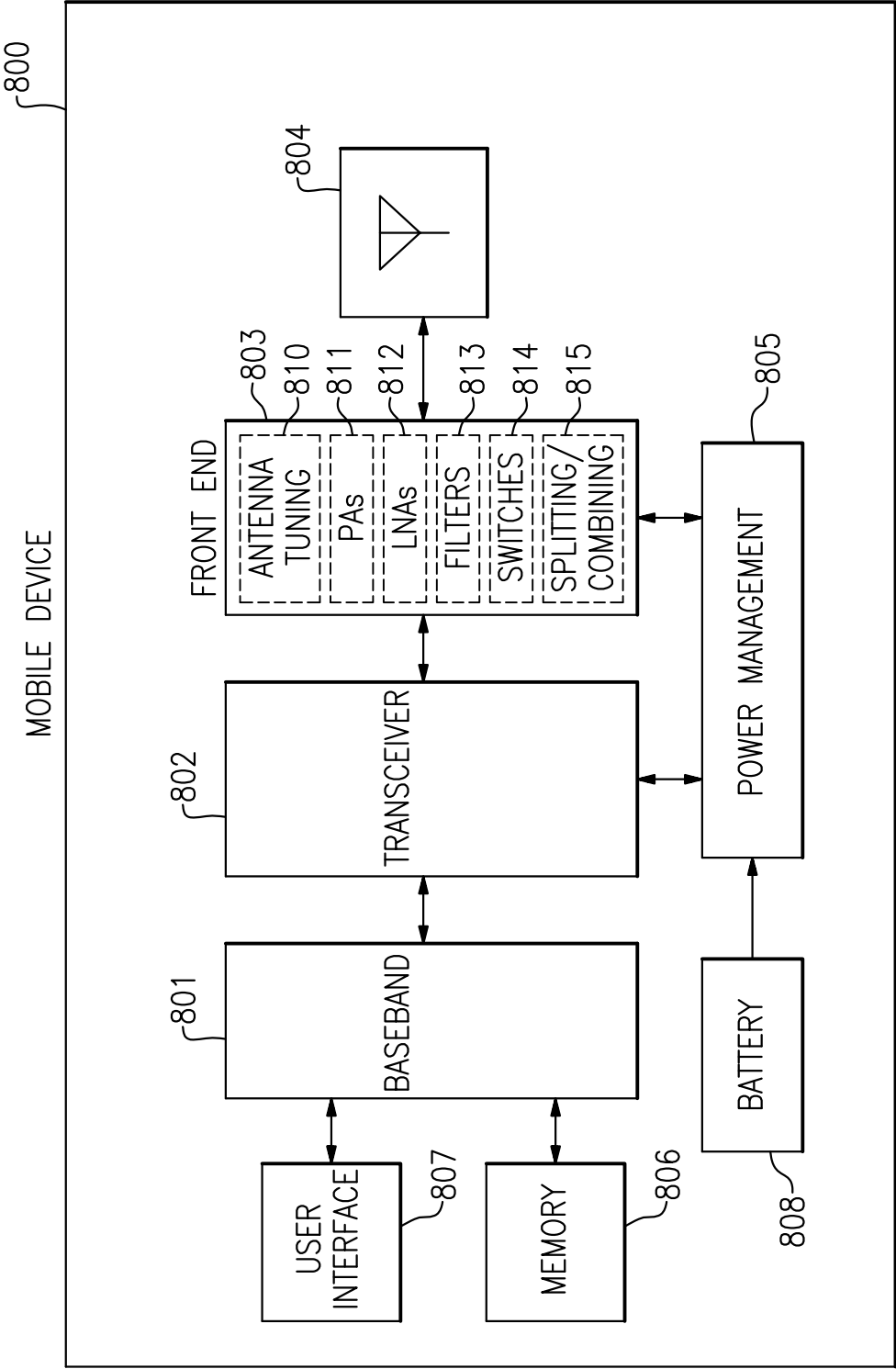


FIG.7

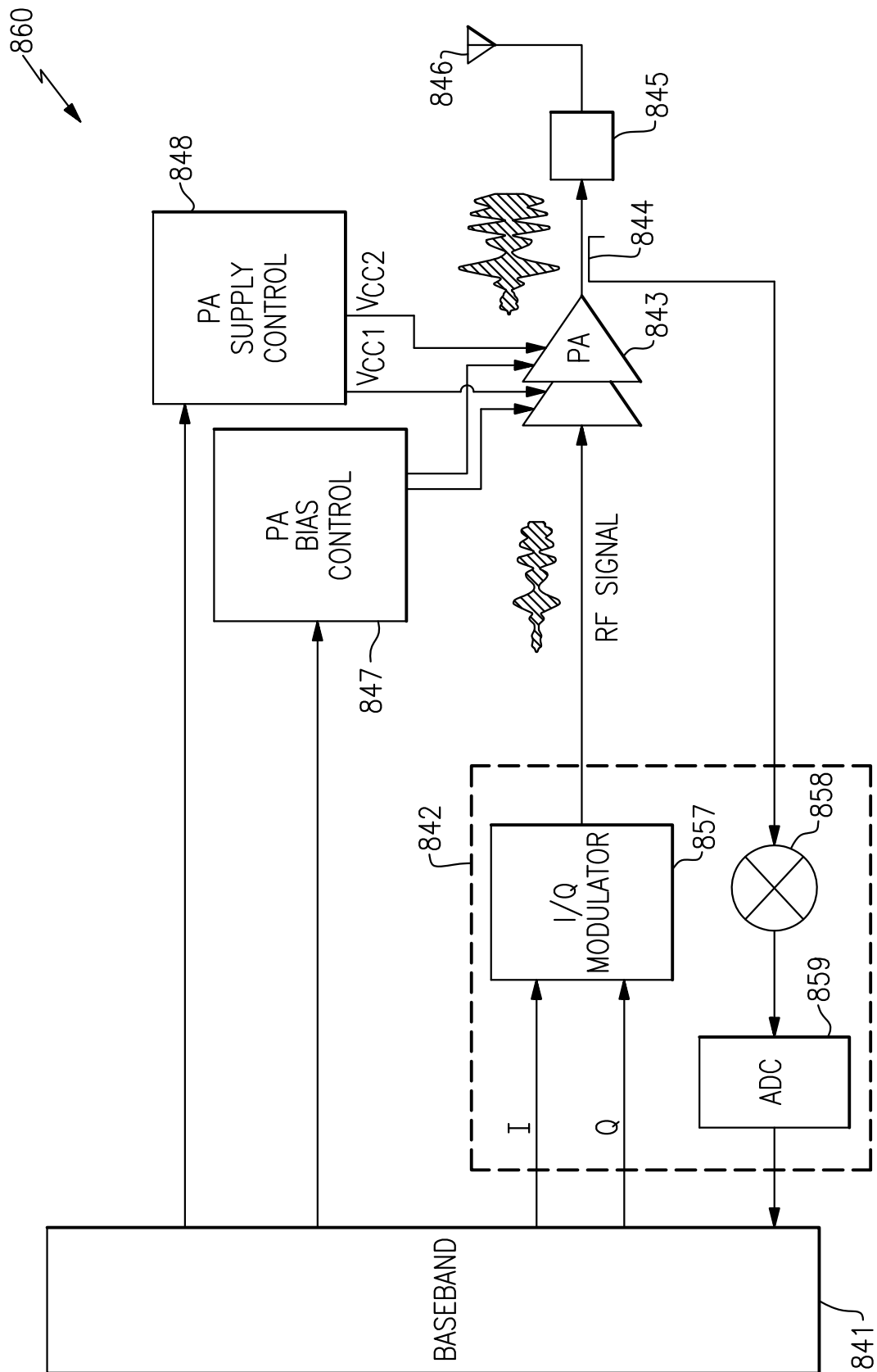


FIG. 8