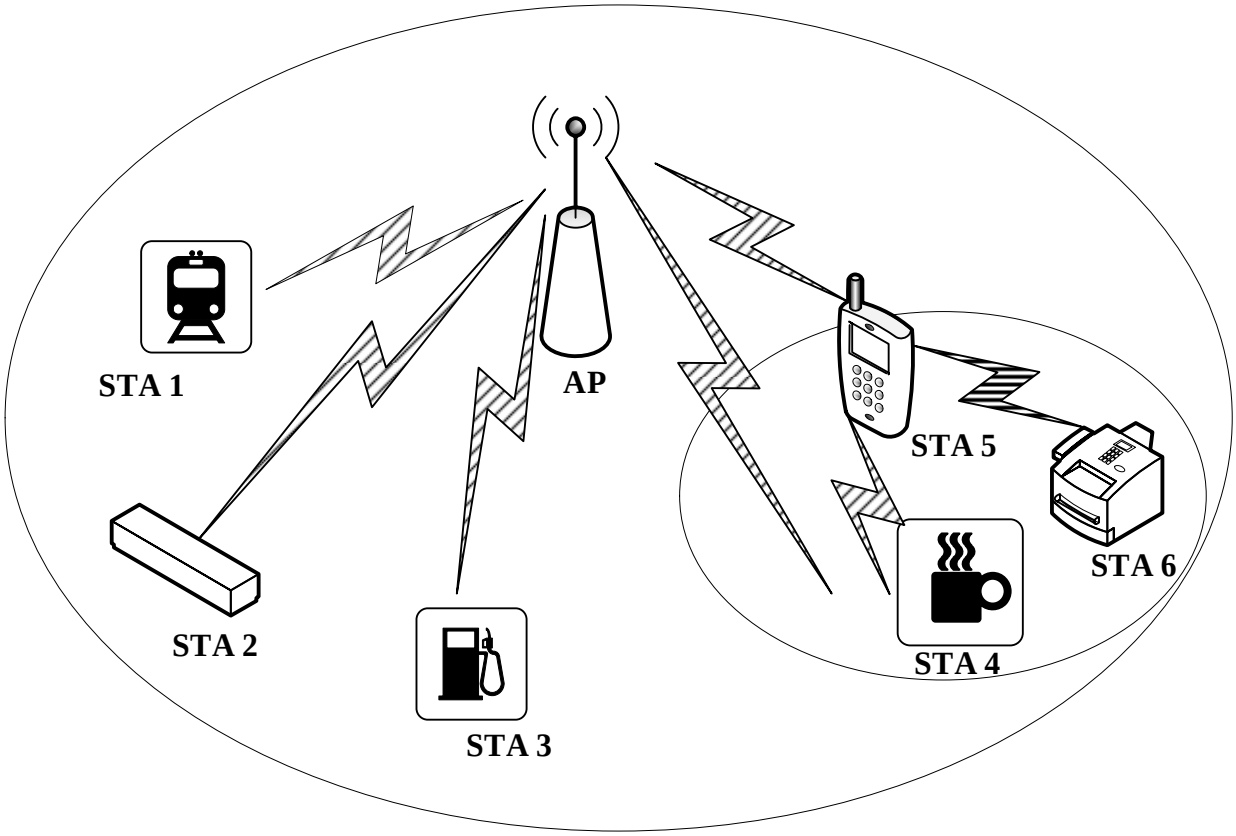


FIG. 1

L-STF	L-LTF	L-SIG	BPSK-Mark1	BPSK-Mark2	WUR-Sync	WUR-Data

FIG. 2

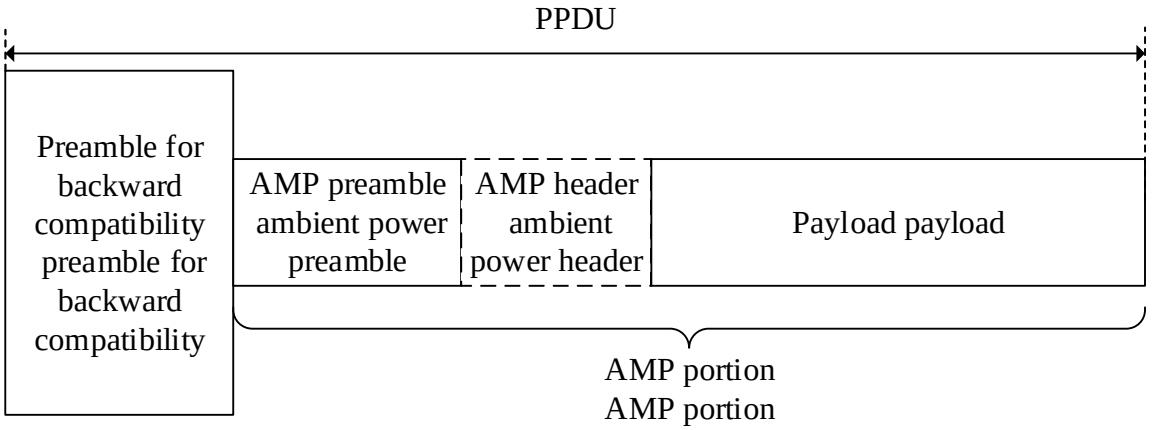

PPDU
Preamble for backward compatibility preamble for backward compatibility
AMP preamble ambient power preamble
AMP header ambient power header
Payload payload
AMP portion
AMP portion

FIG. 3

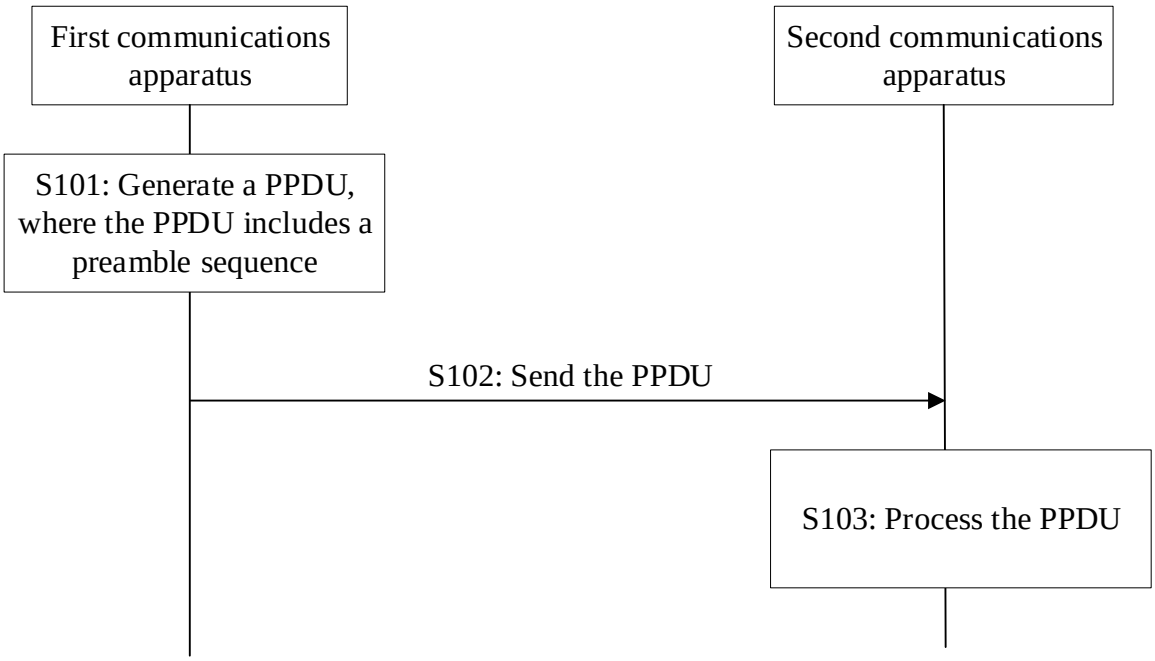

First communications apparatus
Second communications apparatus
S101: Generate a PPDU, where the PPDU includes a preamble sequence
S102: Send the PPDU
S103: Process the PPDU

FIG. 4

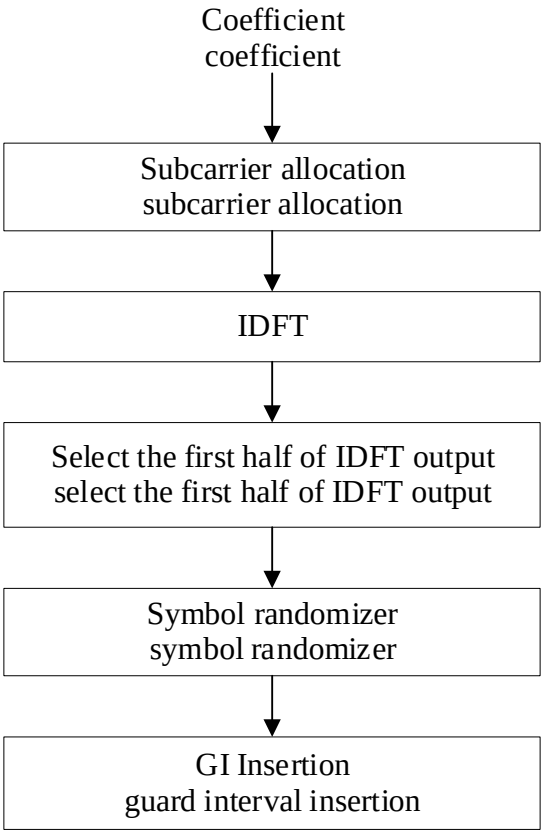
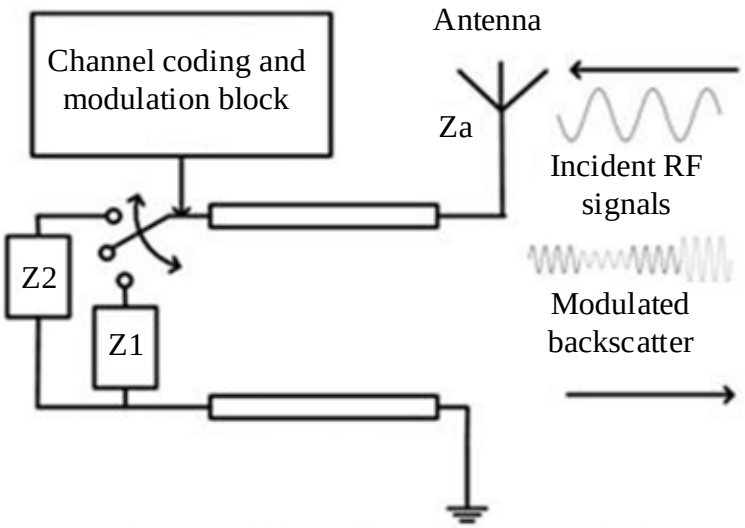

Coefficient
coefficient
Subcarrier allocation
subcarrier allocation
IDFT
Select the first half of IDFT output
select the first half of IDFT output
Symbol randomizer
symbol randomizer
GI Insertion
guard interval insertion

FIG. 5



Antenna: antenna Incident RF signals: incident radio frequency signals
Channel coding and modulation block: channel coding and modulation block
Modulated backscatter: modulated backscatter

FIG. 6

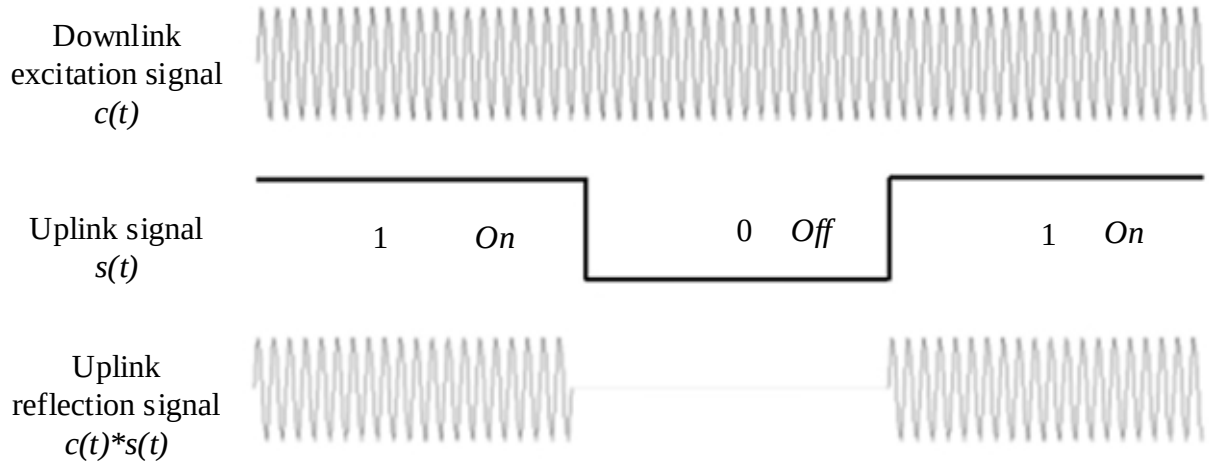


FIG. 7

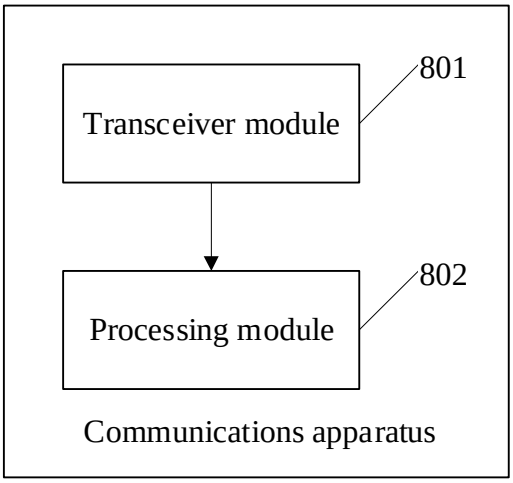

Transceiver module
801
Processing module
802
Communications apparatus

FIG. 8

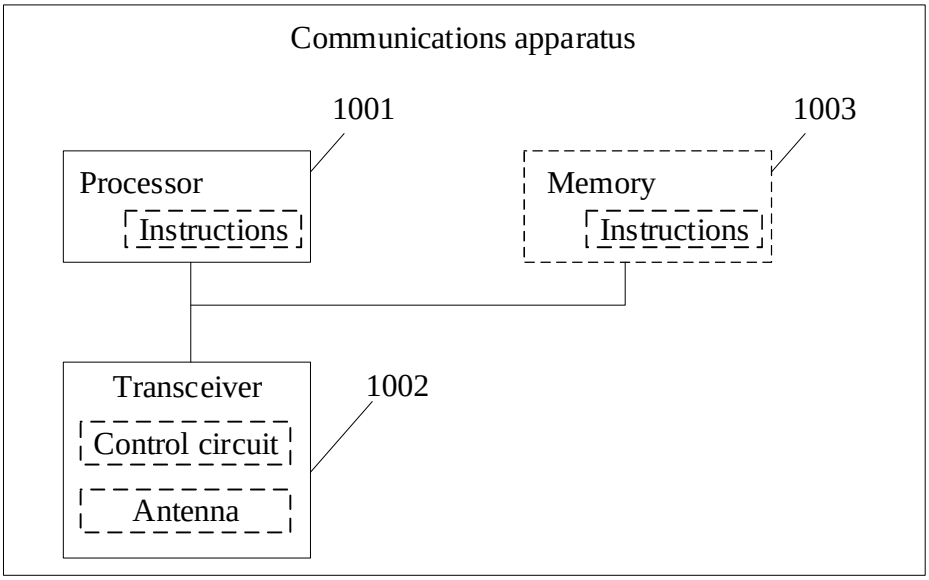

Communications apparatus
1001
Processor
Instructions
1003
Memory
Instructions
Transceiver
1002
Control circuit
Antenna

FIG. 9

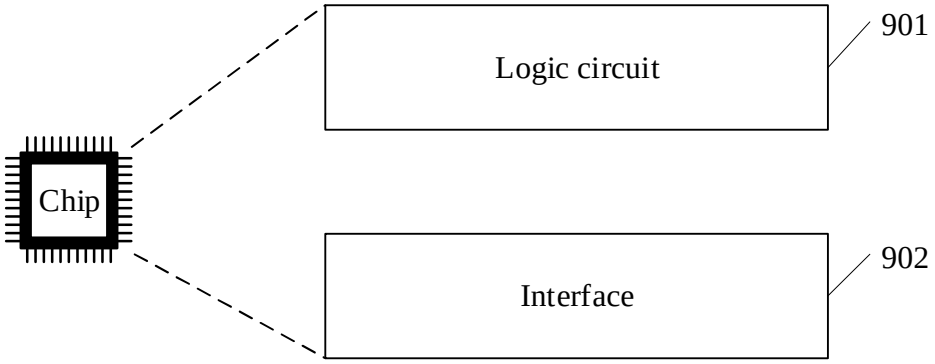


FIG. 10