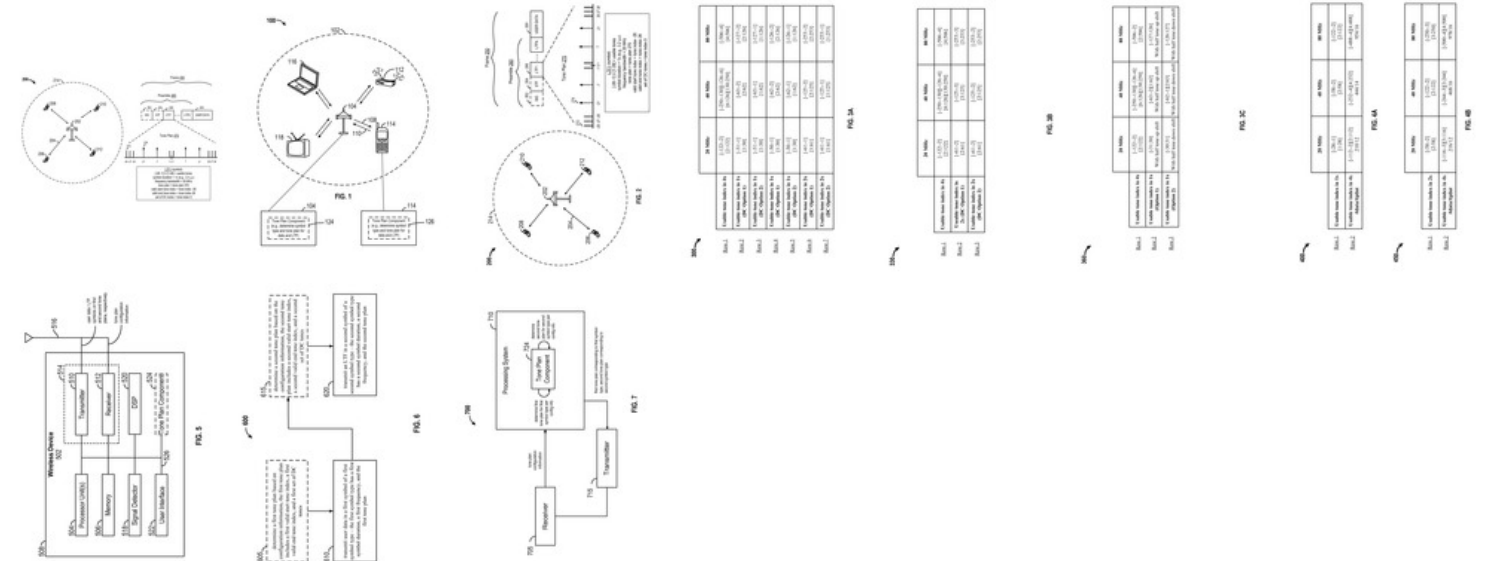
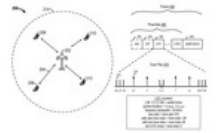


3 results for (tone+ and symbol+ and dc and guard tone+ and ltf)/TI/CLMS - Collection: FAMPAT

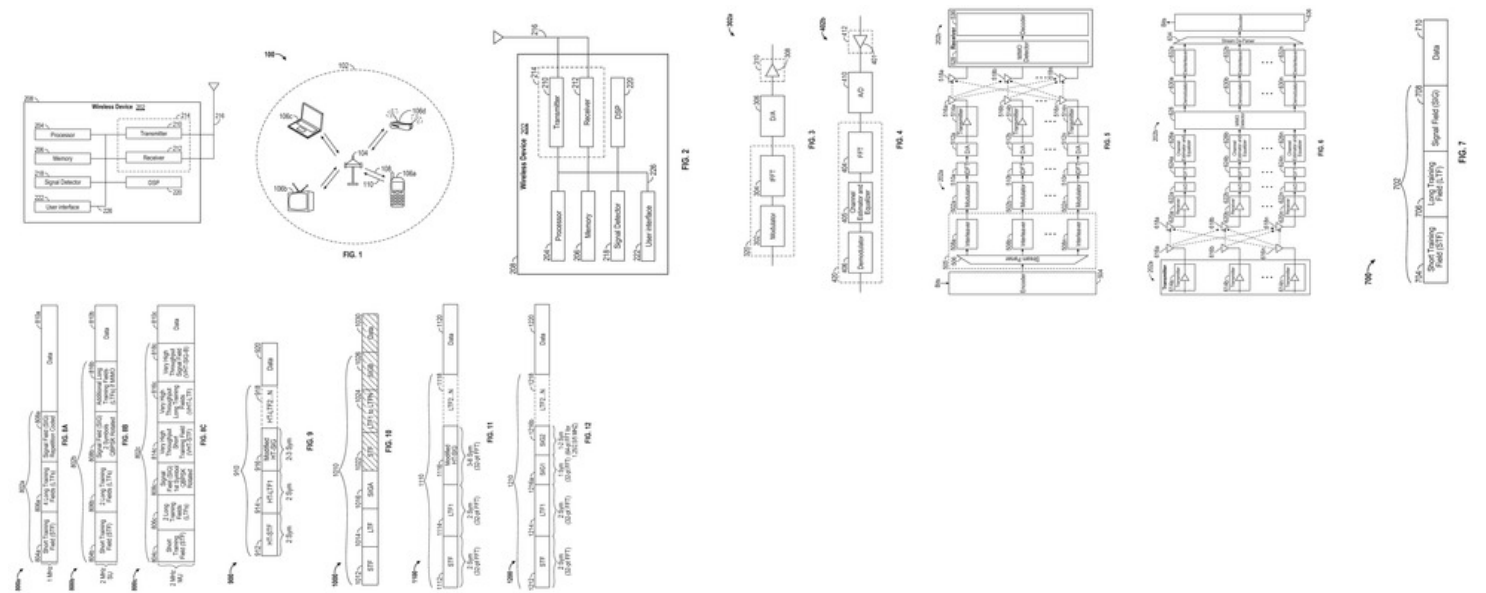
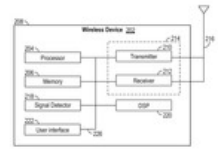
#	 Title	Publication number	1st App. date	Applicant/Assignee	1st Publ. date	Publ. date
1.	 Tone plan for ltf compression and transmission in wireless communication systems	CA2957039	2015-09-02	QUALCOMM*	2016-03-10	2016-03-10

A method, an apparatus, and a computer program product for wireless communication are provided. In one aspect, an apparatus is configured to transmit user data in a first **symbol** of a first **symbol** type. The first **symbol** type has a first **symbol** duration, a first frequency bandwidth, and a first **tone** plan. The first **tone** plan includes a first valid start **tone** index, a first valid end **tone** index, and a first set of **DC tones**. The apparatus is further configured to transmit an **LTF** in a second **symbol** of a second **symbol** type. The second **symbol** type has a second **symbol** duration, a second frequency bandwidth, and a second **tone** plan. The second **tone** plan includes a second valid start **tone** index, a second valid end **tone** index, and a second set of **DC tones**.



2.	 Systems and methods for wireless communication in sub gigahertz bands	WO2012122119	2012-03-02	QUALCOMM*	2012-09-13	2012-09-13
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Systems, methods, and devices for wireless communication. In one aspect, an apparatus for wireless communication is provided. The apparatus includes a receiver configured to receive a wireless signal comprising a packet. At least a portion of the wireless signal is configured to be received over a bandwidth lower than or equal to 1.25 MHz. The packet is formed from at least one orthogonal frequency-division multiplexing (OFDM) **symbol** comprising thirty-two **tones**. The thirty-two **tones** correspond to frequency subcarriers within the bandwidth. The thirty-two **tones** of the at least one OFDM **symbol** are allocated as: twenty-four data **tones**, two pilot **tones**, five **guard tones**, and one direct current (DC) **tone**. The apparatus includes a processor configured to evaluate the wireless signal. The processor includes a transform module configured to convert the at least one OFDM **symbol** into a frequency domain signal using a thirty-two point mode.



2015-10-15 2015-10-15

```

graph TD
    S211[Generate L-STF, L-LTF, L-SIG and DATA of legacy frame format] --> S212[Set some subcarriers which are not set to data subcarriers in legacy frame format to additional data subcarriers]
    S212 --> S213[Allocate information to additional data subcarriers]
    S213 --> S214[Transmit frame]
  
```

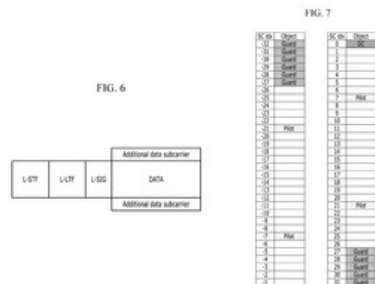
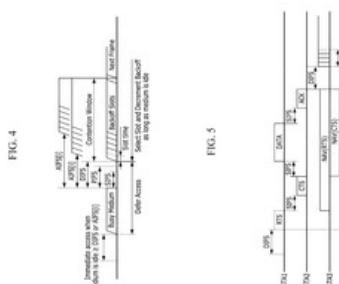


FIG. 11

