



New connection on: : 08-06-2018 : 16:21:40 - Last disconnection on: : 07-06-2018 : 16:19:37

V 4.0.0.44358(LP,U,linux) (Rev:43856 2017-04-27 09:03:29 +0200#(D201802)) (RPM D201802)

Welcome to EPOQUE Rebuild under the Production Environment

[No database/cluster active] ..fi

Select a database: ..FI ALLOYS

 Database: ALLOYS

[ALLOYS: SS 1] ..fi

Select a database: ..FI EPODOC

 Database: EPODOC

[EPODOC: SS 1] wireless and communication

Results in EPODOC 354.506

[SS 2] interference and (measure or measuring)

Results in EPODOC 29.165

[SS 3] 1 and 2

Results in EPODOC 1.112

[SS 4] 3 and channel

Results in EPODOC 405

[SS 5] 4 and feedback

Results in EPODOC 36

[SS 6] 5 and correlation

Results in EPODOC 26

[SS 7] 6 and method

Results in EPODOC 26

[SS 8] 7 and device

Results in EPODOC 24

[SS 9] 8 and message

Results in EPODOC 24

[SS 10] 9 and time

Results in EPODOC 24

[SS 11] 10 and frequency

Results in EPODOC 24

[SS 12] 11 and identifying

Results in EPODOC 0

[SS 13] 11 and transmit

Results in EPODOC 0

[SS 14] 11 and transmitting

Results in EPODOC 0

[SS 15] 11 and interfering

Results in EPODOC 24

[SS 16] 15 and (period OR periodicity)

Results in EPODOC 0

[SS 17] 15 and threshold

Results in EPODOC 0

[SS 18] 15 and decode

Results in EPODOC 0

[SS 19] 15

Results in EPODOC 24

[SS 20] 15 and decoding

Results in EPODOC 0

[SS 21] 15 and signal

Results in EPODOC 0

[SS 22] 15

Results in EPODOC 24

[SS 23] ..v



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PN - [MX2017000826](#) A 20180223

PR - US201462027623P 20140722; US201414567887 20141211; WO2015US40485 20150715

AP - MX20170000826 20150715

DT - I

CCI - [H04W24/10](#)

CUI - [H04L5/0058](#) ; [H04W24/02](#)

PA - QUALCOMM INC [US]

TI - ULTRA RELIABLE LINK DESIGN.

AB - Techniques are described for **wireless communication**. A first **method** includes **measuring**, by a first **device**, a condition of a **wireless channel**; and generating at least one **channel** side information **feedback message** based on the measured condition of the **wireless channel**. The at least one **channel** side information **feedback message** provides information on a relationship of a set of parameters, including a data rate parameter, an error probability parameter, and at least one of a deadline parameter or a transmission link parameter. A second **method** includes **measuring**, by a first **device**, **interference** on a **wireless channel**; identifying an **interfering device** for the **wireless channel** based on the measurement; and generating a **channel** side information **feedback message** based on the measured **interference** on the **wireless channel**. The **channel** side information **feedback message** indicates the **interfering device** for the **wireless channel** and a **correlation** of **interference** from the **interfering device** with **time** or **frequency**.

PN

- [MX2017000957](#) A 20170501

PR

- US201462027623P 20140722; US201414567989 20141211; WO2015US40488 20150715

AP

- MX20170000957 20150715

DT

- I

CCI

- [H04W24/10](#)

CUI

- [H04W24/08](#) ; [H04W72/08](#)

PA

- QUALCOMM INC [US]

TI

- ULTRA RELIABLE LINK DESIGN.

AB

Techniques are described for **wireless communication**. A first **method** includes **measuring**, by a first **device**, a condition of a **wireless channel**; and generating at least one **channel side information feedback message** based on the measured condition of the **wireless channel**. The at least one **channel side information feedback message** provides information on a relationship of a set of parameters, including a data rate parameter, an error probability parameter, and at least one of a deadline parameter or a transmission link parameter. A second **method** includes **measuring**, by a first **device**, **interference** on a **wireless channel**; identifying an **interfering device** for the **wireless channel** based on the measurement; and generating a **channel side information feedback message** based on the measured **interference** on the **wireless channel**. The **channel side information feedback message** indicates the **interfering device** for the **wireless channel** and a **correlation of interference** from the **interfering device** with **time** or **frequency**.

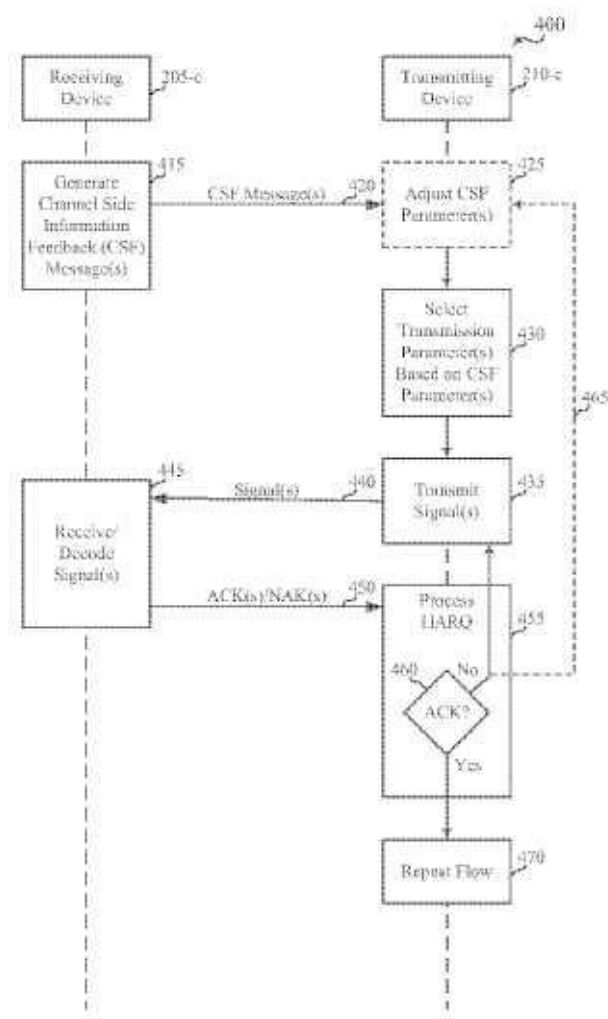


FIG. 4

PN

- [MX2017000830](#) A 20170501

PR

- US201462027623P 20140722; US201414567914 20141211; WO2015US40487 20150715

AP

- MX20170000830 20150715

DT

- I

CCI

- [H04W24/10](#)

CUI - [H04W24/08](#) ; [H04W72/082](#)

PA - QUALCOMM INC [US]

TI - ULTRA RELIABLE LINK DESIGN.

AB - Techniques are described for **wireless communication**. A first **method** includes **measuring**, by a first **device**, a condition of a **wireless channel**; and generating at least one **channel** side information **feedback message** based on the measured condition of the **wireless channel**. The at least one **channel** side information **feedback message** provides information on a relationship of a set of parameters, including a data rate parameter, an error probability parameter, and at least one of a deadline parameter or a transmission link parameter. A second **method** includes **measuring**, by a first **device**, **interference** on a **wireless channel**; identifying an **interfering device** for the **wireless channel** based on the measurement; and generating a **channel** side information **feedback message** based on the measured **interference** on the **wireless channel**. The **channel** side information **feedback message** indicates the **interfering device** for the **wireless channel** and a **correlation** of **interference** from the **interfering device** with **time** or **frequency**.

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PN - [PH12017500128](#) A1 20170529

PR - US201414567989 20141211; US201462027623P 20140722; WO2015US40488 20150715

AP - PH12017500128 20170120

DT - I

CCI - [H04W24/10](#)

CUI - [H04W24/08](#) ; [H04W72/08](#)

PA - QUALCOMM INC [US]

TI - ULTRA RELIABLE LINK DESIGN

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PN

- [PH12017500127](#) A1 20170529

PR

- US201414567914
20141211; US201462027623P
20140722; WO2015US40487
20150715

AP

- PH12017500127 20170120

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CCI

- [H04W24/10](#)

CUI

- [H04W24/08](#) ; [H04W72/082](#)

PA

- QUALCOMM INC [US]

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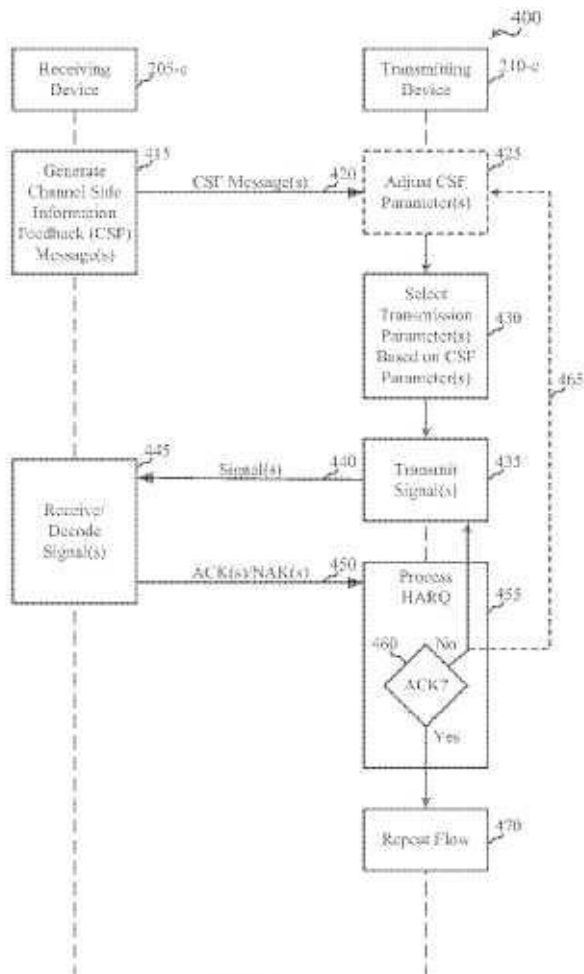


FIG. 4

PN

- [PH12017500126](#) A1 20170529

PR

- US201414567887
20141211; US201462027623P
20140722; WO2015US40485
20150715

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- PH12017500126 20170120

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- [H04W24/10](#)

CUI

- [H04L5/0058](#) ; [H04W24/02](#)

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- QUALCOMM INC [US]

TI

- ULTRA RELIABLE LINK DESIGN

AB

Techniques are described for **wireless communication**. A first **method** includes **measuring**, by a first **device**, a condition of a **wireless channel**; and generating at least one **channel side information feedback message** based on the measured condition of the **wireless channel**. The at least one **channel side information feedback message** provides information on a relationship of a set of parameters, including a data rate parameter, an error probability parameter, and at least one of a deadline parameter or a transmission link parameter. A second **method** includes **measuring**, by a first **device**, **interference** on a **wireless channel**; identifying an **interfering device** for the **wireless channel** based on the measurement; and generating a **channel side information feedback message** based on the measured **interference** on the **wireless channel**. The **channel side information feedback message** indicates the **interfering device** for the **wireless channel** and a **correlation of interference** from the **interfering device** with **time** or **frequency**.

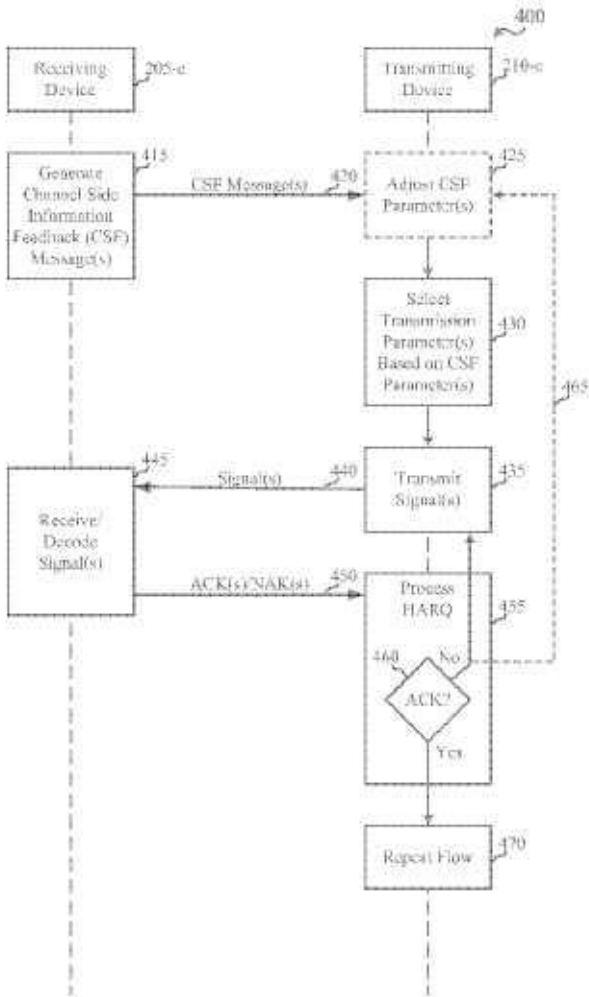


FIG. 4

PN

- [CN106664589](#) A 20170510

PR

- US201462027623P
20140722; US201414567914
20141211; WO2015US40487
20150715

AP

- CN2015839848 20150715

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- [H04W24/10](#)

CUI

- [H04W24/08](#) ; [H04W72/082](#)

PA

- QUALCOMM INC

TI

- Ultra reliable link design

AB

- Techniques are described for **wireless communication**. A first **method** includes **measuring**, by a first **device**, a condition of a **wireless channel**; and generating at least one **channel side information feedback message** based on the measured condition of the **wireless channel**. The at least one **channel side information feedback message** provides information on a relationship of a set of parameters, including a data rate parameter, an error probability parameter, and at least one of a deadline parameter or a transmission link parameter. A second **method** includes **measuring**, by a first **device**, **interference** on a **wireless channel**; identifying an **interfering device** for the **wireless channel** based on the measurement; and generating a **channel side information feedback message** based on the measured **interference** on the **wireless channel**. The **channel side information feedback message** indicates the **interfering device** for the **wireless channel** and a **correlation of interference** from the **interfering device** with **time** or **frequency**.

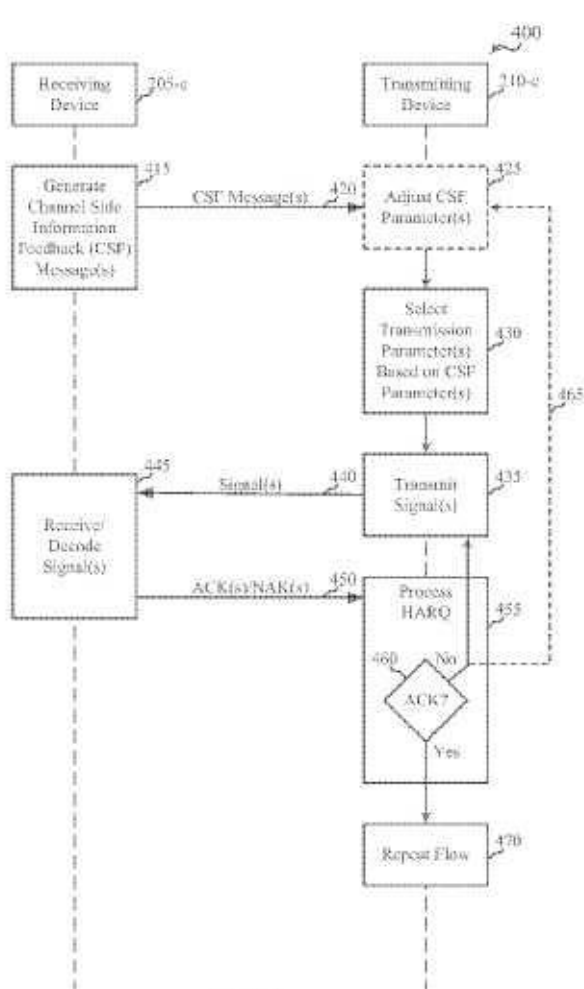


FIG. 4

PN

- [CN106537976](#) A 20170322

PR

- US201462027623P
20140722; US201414567887
20141211; WO2015US40485
20150715

AP

- CN2015839682 20150715

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- I

CCI

- [H04W24/10](#)

CUI

- [H04L5/0058](#) ; [H04W24/02](#)

PA

- QUALCOMM INC

TI

- Ultra reliable link design

AB

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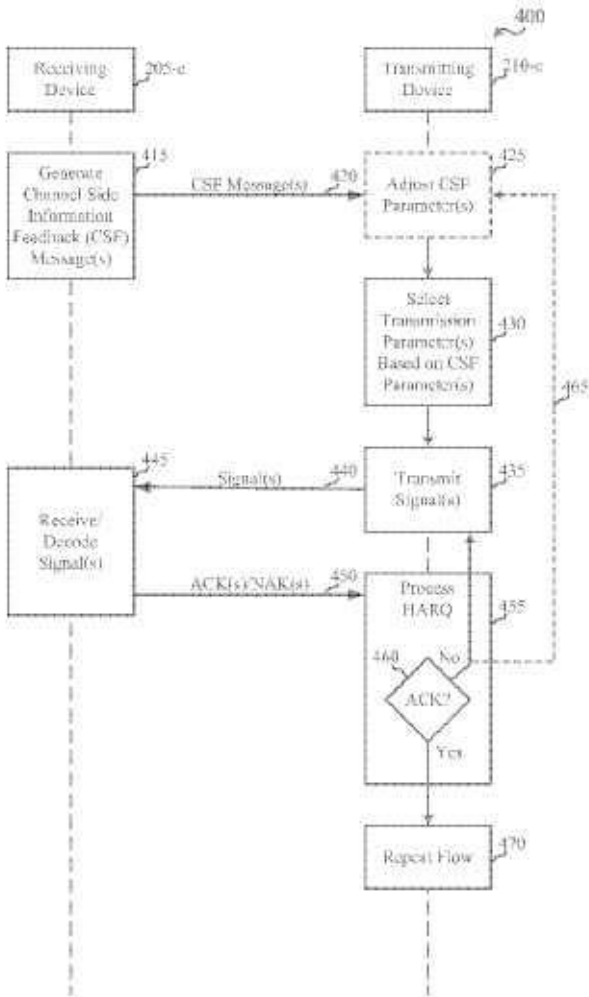


FIG. 4

PN

- [CN106537977](#) A 20170322

PR

- US201462027623P
20140722; US201414567989
20141211; WO2015US40488
20150715

AP

- CN2015839734 20150715

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- [H04W24/10](#)

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- [H04W24/08](#) ; [H04W72/08](#)

PA

- QUALCOMM INC

TI

- Ultra reliable link design

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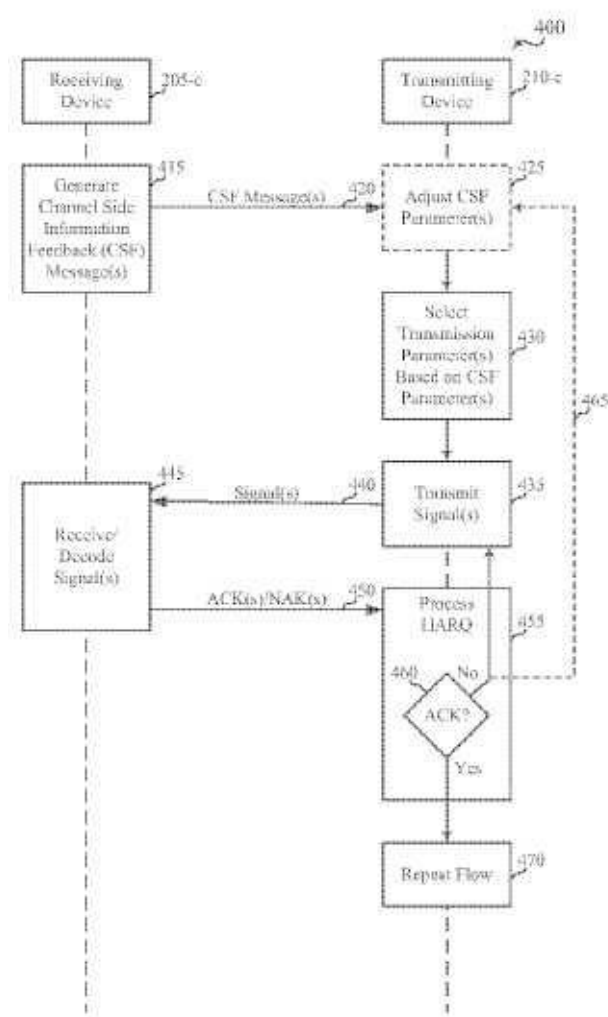


FIG. 4

PN

- [CA2952833](#) A1 20160128

PR

- US201462027623P 20140722; US201414567887 20141211; WO2015US40485 20150715

AP

- CA20152952833 20150715

DT

- I

CCI

- [H04W24/10](#)

CUI

- [H04L5/0058](#) ; [H04W24/02](#)

PA

- QUALCOMM INC [US]

TI

- ULTRA RELIABLE LINK DESIGN

AB

Techniques are described for **wireless communication**. A first **method** includes **measuring**, by a first **device**, a condition of a **wireless channel**; and generating at least one **channel side information feedback message** based on the measured condition of the **wireless channel**. The at least one **channel side information feedback message** provides information on a relationship of a set of parameters, including a data rate parameter, an error probability parameter, and at least one of a deadline parameter or a transmission link parameter. A second **method** includes **measuring**, by a first **device**, **interference** on a **wireless channel**; identifying an **interfering device** for the **wireless channel** based on the measurement; and generating a **channel side information feedback message** based on the measured **interference** on the **wireless channel**. The **channel side information feedback message** indicates the **interfering device** for the **wireless channel** and a **correlation of interference** from the **interfering device** with **time** or **frequency**.

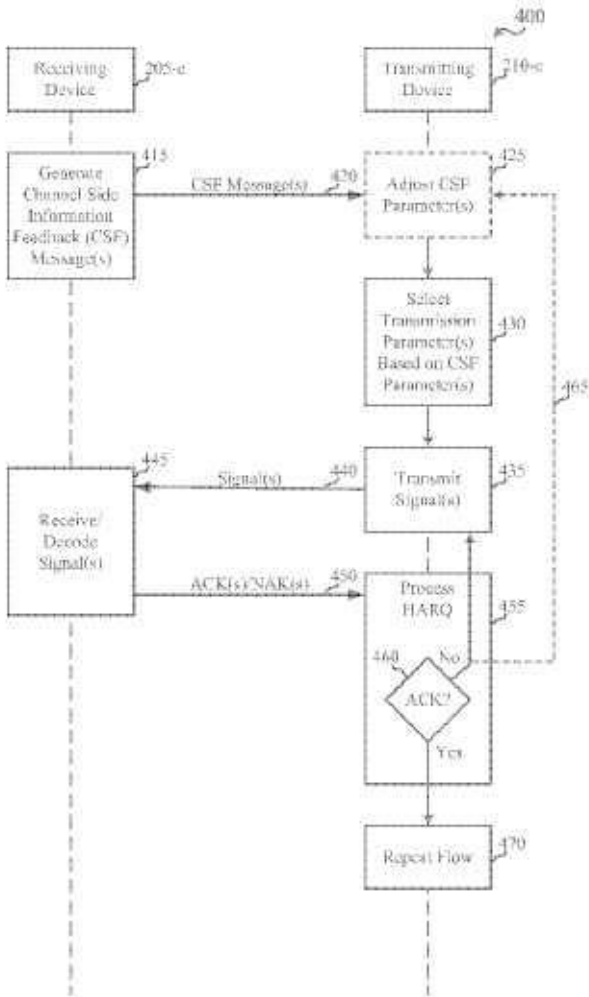


FIG. 4

CUI - [H04W24/08](#) ; [H04W72/08](#)
PA - QUALCOMM INC [US]
TI - ULTRA RELIABLE LINK DESIGN
AB - Techniques are described for **wireless communication**. A first **method** includes **measuring**, by a first **device**, a condition of a **wireless channel**; and generating at least one **channel** side information **feedback message** based on the measured condition of the **wireless channel**. The at least one **channel** side information **feedback message** provides information on a relationship of a set of parameters, including a data rate parameter, an error probability parameter, and at least one of a deadline parameter or a transmission link parameter. A second **method** includes **measuring**, by a first **device**, **interference** on a **wireless channel**; identifying an **interfering device** for the **wireless channel** based on the measurement; and generating a **channel** side information **feedback message** based on the measured **interference** on the **wireless channel**. The **channel** side information **feedback message** indicates the **interfering device** for the **wireless channel** and a **correlation** of **interference** from the **interfering device** with **time** or **frequency**.

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PN - [CA2952635](#) A1 20160128
PR - US201462027623P 20140722; US201414567914 20141211; WO2015US40487 20150715
AP - CA20152952635 20150715
DT - I
CCI - [H04W24/10](#)
CUI - [H04W24/08](#) ; [H04W72/082](#)
PA - QUALCOMM INC [US]
TI - ULTRA RELIABLE LINK DESIGN
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PN - [AU2015294419](#) A1 20170119
PR - US201414567914 20141211; US201462027623P 20140722; WO2015US40487 20150715
AP - AU20150294419 20150715
DT - I
CCI - [H04W24/10](#)
CUI - [H04W24/08](#) ; [H04W72/082](#)
PA - QUALCOMM INC
TI - Ultra reliable link design
AB - Techniques are described for **wireless communication**. A first **method** includes **measuring**, by a first **device**, a condition of a **wireless channel**; and generating at least one **channel** side information **feedback message** based on the measured condition of the **wireless channel**. The at least one **channel** side information **feedback**

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- PN - [AU2015294418](#) A1 20170119
- PR - US201414567887 20141211; US201462027623P 20140722; WO2015US40485 20150715
- AP - AU20150294418 20150715
- DT - I
- CCI - [H04W24/10](#)
- CUI - [H04L5/0058](#) ; [H04W24/02](#)
- PA - QUALCOMM INC
- TI - Ultra reliable link design
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- PN - [AU2015294420](#) A1 20170119
- PR - US201414567989 20141211; US201462027623P 20140722; WO2015US40488 20150715
- AP - AU20150294420 20150715
- DT - I
- CCI - [H04W24/10](#)
- CUI - [H04W24/08](#) ; [H04W72/08](#)
- PA - QUALCOMM INC
- TI - Ultra reliable link design
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device with time or frequency.

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PN - [TW201608909](#) A 20160301

PR - US201462027623P
20140722; US201414567989
20141211

AP - TW20150122948 20150715

DT - I

CCI - [H04W24/10](#)

CUI - [H04W24/08](#) ; [H04W72/08](#)

PA - QUALCOMM INC [US]

TI - Ultra reliable link design

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PN - [TW201607338](#) A 20160216

PR - US201462027623P
20140722; US201414567914
20141211

AP - TW20150122946 20150715
DT - I
CCI - [H04W24/10](#)
CUI - [H04W24/08](#) ; [H04W72/082](#)
PA - QUALCOMM INC [US]
TI - Ultra reliable link design (2)
AB - Techniques are described for **wireless communication**. A first **method** includes **measuring**, by a first **device**, a condition of a **wireless channel**; and generating at least one **channel** side information **feedback message** based on the measured condition of the **wireless channel**. The at least one **channel** side information **feedback message** provides information on a relationship of a set of parameters, including a data rate parameter, an error probability parameter, and at least one of a deadline parameter or a transmission link parameter. A second **method** includes **measuring**, by a first **device**, **interference** on a **wireless channel**; identifying an **interfering device** for the **wireless channel** based on the measurement; and generating a **channel** side information **feedback message** based on the measured **interference** on the **wireless channel**. The **channel** side information **feedback message** indicates the **interfering device** for the **wireless channel** and a **correlation** of **interference** from the **interfering device** with **time** or **frequency**.

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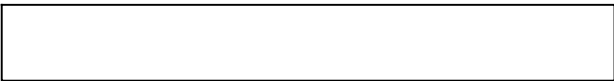
PN - [TW201607337](#) A 20160216
PR - US201462027623P
20140722; US201414567887
20141211
AP - TW20150122943 20150715
DT - I
CCI - [H04W24/10](#)
CUI - [H04L5/0058](#) ; [H04W24/02](#)
PA - QUALCOMM INC [US]
TI - Ultra reliable link design (1)



AB - Techniques are described for **wireless communication**. A first **method** includes **measuring**, by a first **device**, a condition of a **wireless channel**; and generating at least one **channel side information feedback message** based on the measured condition of the **wireless channel**. The at least one **channel side information feedback message** provides information on a relationship of a set of parameters, including a data rate parameter, an error probability parameter, and at least one of a deadline parameter or a transmission link parameter. A second **method** includes **measuring**, by a first **device**, **interference** on a **wireless channel**; identifying an **interfering device** for the **wireless channel** based on the measurement; and generating a **channel side information feedback message** based on the measured **interference** on the **wireless channel**. The **channel side information feedback message** indicates the **interfering device** for the **wireless channel** and a **correlation of interference** from the **interfering device** with **time** or **frequency**.

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PN	- US2016029394 A1 20160128
PNFP	- US9591657 B2 20170307
PR	- US201414567914 20141211; US201462027623P 20140722
AP	- US201414567914 20141211
DT	- **
CT	- R141 (A1) US2010304753 A1 20101202 [] (FURUYA TAKEHIRO [JP]); US2010303183 A1 20101202 [] (DESAI PRASANNA [US]); US2013295976 A1 20131107 [] (PATIL SHAILESH [US], et al); US2013003591 A1 20130103 [] (NOVAK ROBERT [CA], et al); US2010325521 A1 20101223 [] (KHISTI ASHISH [CA], et al);



	US2013301432 A1 20131114 [] (HAMMARWALL DAVID [SE], et al) - STSE (B2) US2010303183 A1 20101202 [] (DESAI PRASANNA [US]); US2010304753 A1 20101202 [] (FURUYA TAKEHIRO [JP]); US2010325521 A1 20101223 [] (KHISTI ASHISH [CA], et al); US2013003591 A1 20130103 [] (NOVAK ROBERT [CA], et al); US2013295976 A1 20131107 [] (PATIL SHAILESH [US], et al); US2013301432 A1 20131114 [] (HAMMARWALL DAVID [SE], et al)
CCI	- H04W24/10
CUI	- H04W24/08 ; H04W72/082
PA	- (A1 B2) QUALCOMM INC [US]
TI	- (A1) ULTRA RELIABLE LINK DESIGN
	- (B2) Ultra reliable link design
AB	- (A1 B2) Techniques are described for wireless communication . A first method includes measuring , by a first device , a condition of a wireless channel ; and generating at least one channel side information feedback message based on the measured condition of the wireless channel . The at least one channel side information feedback message provides information on a relationship of a set of parameters, including a data rate parameter, an error probability parameter, and at least one of a deadline parameter or a transmission link parameter. A second method includes measuring , by a first device , interference on a wireless channel ; identifying an interfering device for the wireless channel based on the measurement; and generating a channel side information feedback message based on the measured interference on the wireless channel . The channel side information feedback message indicates

the **interfering device** for
the **wireless channel** and
a **correlation** of **interference**
from the **interfering device**
with **time** or **frequency**.

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PN	- US2016029237 A1 20160128
PNFP	- US9832673 B2 20171128
PR	- US201414567887 20141211; US201462027623P 20140722
AP	- US201414567887 20141211
DT	- **
CT	- R141 (A1) US2016029394 A1 20160128 [] (JI TINGFANG [US], et al); US2016029232 A1 20160128 [] (JI TINGFANG [US], et al) - STSE (B2) US2016029232 A1 20160128 [] (JI TINGFANG [US], et al); US2016029394 A1 20160128 [] (JI TINGFANG [US], et al)
CCI	- H04W24/10
CUI	- H04L5/0058 ; H04W24/02
PA	- (A1 B2) QUALCOMM INC [US]
TI	- (A1) ULTRA RELIABLE LINK DESIGN - (B2) Ultra reliable link design
AB	- (A1 B2) Techniques are described for wireless communication . A first method includes measuring , by a first device , a condition of a wireless channel ; and generating at least one channel side information feedback message based on the measured condition of the wireless channel . The at least one channel side information feedback message provides information on a relationship of a set of parameters, including a data rate parameter, an error probability parameter, and at least one of a deadline parameter or a transmission link parameter. A second method includes measuring , by a first device , interference on a wireless channel ; identifying an interfering device for



the **wireless channel** based on the measurement; and generating a **channel** side information **feedback message** based on the measured **interference** on the **wireless channel**. The **channel** side information **feedback message** indicates the **interfering device** for the **wireless channel** and a **correlation of interference** from the **interfering device** with **time** or **frequency**.

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PN	- US2016029232 A1 20160128	
PR	- US201414567989 20141211; US201462027623P 20140722	
AP	- US201414567989 20141211	
DT	- **	
CT	- R141 (A1) EP2337235 B1 20130417 [] (FUJITSU LTD [JP]); US2008013610 A1 20080117 [] (VARADARAJAN BADRI [US], et al); US2009285169 A1 20091119 [] (YANG WEIDONG [US], et al); US2010093287 A1 20100415 [] (HIGUCHI KENICHI [JP], et al)	
CCI	- H04W24/10	
CUI	- H04W24/08 ; H04W72/08	
PA	- QUALCOMM INC [US]	
TI	- ULTRA RELIABLE LINK DESIGN	
AB	- Techniques are described for wireless communication . A first method includes measuring , by a first device , a condition of a wireless channel ; and generating at least one channel side information feedback message based on the measured condition of the wireless channel . The at least one channel side information feedback message provides information on a relationship of a set of parameters, including a data rate parameter, an error probability parameter, and at least one of a deadline parameter or a transmission link parameter. A second method includes measuring , by a first device , interference on	

a **wireless channel**; identifying an **interfering device** for the **wireless channel** based on the measurement; and generating a **channel** side information **feedback message** based on the measured **interference** on the **wireless channel**. The **channel** side information **feedback message** indicates the **interfering device** for the **wireless channel** and a **correlation of interference** from the **interfering device** with **time** or **frequency**.

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PN - [WO2016014305](#) A1 20160128

PR - US201462027623P
20140722; US201414567914
20141211

AP - WO2015US40487 20150715

DT - *; Rep

CT - |EP| ISR (A1)
[US2013114656](#) A1 20130509
[I] (SAYANA KRISHNA KAMAL [US],
et al)
[I] 1-46
* abstract *
* paragraphs [0006] - [0008] *;
[EP2416619](#) A1 20120208
[I] (HUAWEI TECH CO LTD [CN])
[I] 1-46
* abstract *
* paragraphs [0009] , [0026] -
[0030] *;
[US2013203398](#) A1 20130808
[A] (CALLARD AARON [CA], et al)
[A] 1-46
* abstract *
* paragraphs [0041] , [0042] ,
[0043] , [0083] - [0089] *;
[US2012176925](#) A1 20120712
[A] (HWANG CHIEN-HWA [TW])
[A] 1-46
* abstract *
* paragraph [0001] *
* paragraph [0003] *
* paragraph [0006] -
paragraph [0012] *
* paragraph [0024] -
paragraph [0027] *
* paragraph [0029] -
paragraph [0030] *
* paragraph [0039] -
paragraph [0050] *
* claims 1-27 *;
[US2012218913](#) A1 20120830



[A] (PARK KYOUNGMIN [KR], et al)
[A] 1-46
* abstract *
* paragraph [0003] -
paragraph [0022] *
* paragraph [0036] -
paragraph [0037] *
* paragraph [0045] -
paragraph [0062] *
* paragraph [0087] -
paragraph [0123] *
* claims 1-16 *;

[US2013301450](#) A1 20131114

[A] (GEIRHOFER STEFAN [US], et al)
[A] 1-46
* abstract *
* paragraph [0003] *
* paragraph [0008] -
paragraph [0012] *
* paragraph [0013] -
paragraph [0019] *
* paragraph [0069] -
paragraph [0092] *
* paragraph [0128] -
paragraph [0132] *
* claims 1-54 *

- CCI - [H04W24/10](#)
- CUI - [H04W24/08](#) ; [H04W72/082](#)
- PA - QUALCOMM INC [US]
- TI - ULTRA RELIABLE LINK DESIGN
- AB - Techniques are described for **wireless communication**. A first **method** includes **measuring**, by a first **device**, a condition of a **wireless channel**; and generating at least one **channel** side information **feedback message** based on the measured condition of the **wireless channel**. The at least one **channel** side information **feedback message** provides information on a relationship of a set of parameters, including a data rate parameter, an error probability parameter, and at least one of a deadline parameter or a transmission link parameter. A second **method** includes **measuring**, by a first **device**, **interference** on a **wireless channel**; identifying an **interfering device** for the **wireless channel** based on the measurement; and generating a **channel** side information **feedback message**

based on the
measured **interference** on
the **wireless channel**. The **channel**
side information **feedback**
message indicates
the **interfering device** for
the **wireless channel** and
a **correlation of interference**
from the **interfering device**
with **time** or **frequency**.

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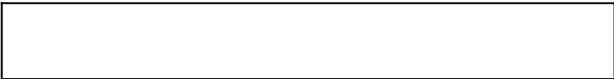
PN - [WO2016014304](#) A1 20160128

PR - US201462027623P
20140722; US201414567887
20141211

AP - WO2015US40485 20150715

DT - *; Rep

CT - |EP| ISR (A1)
[US8675794](#) B1 20140318
[I] (PERETS YONA [IL], et al)
[I] 1-87
* abstract *
* column 1, lines 16-26 *
* column 4, lines 11-26 *
* column 5, line 36 - column 6,
line 16 *
* column 7, lines 9-49 *
* column 8, lines 11-25 *
* column 8, lines 45-59 *
* column 13, lines 9-16 *
* column 13, line 50 -
column 14, line 30 *
* column 14, lines 46-60 *
* figures 1,7,8 *;
[US2012307922](#) A1 20121206
[I] (SIMONSSON ARNE [SE], et al)
[I] 1-87
* abstract *
* paragraphs [0008] , [0009] ,
[0024] , [0027] - [0029] - [0043] *
* figures 3,6 *;
[US2012176925](#) A1 20120712
[A] (HWANG CHIEN-HWA [TW])
[A] 1-87
* abstract *
* paragraph [0029] -
paragraph [0039] *
* paragraph [0007] -
paragraph [0009] *;
[US2013114656](#) A1 20130509
[A] (SAYANA KRISHNA KAMAL
[US], et al)
[A] 1-87
* abstract *
* paragraphs [0006] - [0008] *
* paragraph [0011] *
* paragraph [0027] -
paragraph [0028] *;



[WO2013068282](#) A1 20130516
[A] (ERICSSON TELEFON AB L M
[SE])
[A] 1-87
* abstract *
* page 1, lines 6-12 *
* page 6, lines 5-25 *
* page 10, line 19 - page 11,
line 2 *
* column 13, line 10 -
column 16, line 22 *
* claims 1-38 *

CCI - [H04W24/10](#)
CUI - [H04L5/0058](#) ; [H04W24/02](#)
PA - QUALCOMM INC [US]
TI - ULTRA RELIABLE LINK DESIGN
AB - Techniques are described
for **wireless communication**. A
first **method**
includes **measuring**, by a
first **device**, a condition of
a **wireless channel**; and
generating at least one **channel**
side information **feedback**
message based on the measured
condition of the **wireless**
channel. The at least one **channel**
side information **feedback**
message provides information
on a relationship of a set of
parameters, including a data
rate parameter, an error
probability parameter, and at
least one of a deadline
parameter or a transmission link
parameter. A second **method**
includes **measuring**, by a
first **device**, **interference** on
a **wireless channel**; identifying
an **interfering device** for
the **wireless channel** based on
the measurement; and generating
a **channel** side
information **feedback message**
based on the
measured **interference** on
the **wireless channel**. The **channel**
side information **feedback**
message indicates
the **interfering device** for
the **wireless channel** and
a **correlation** of **interference**
from the **interfering device**
with **time** or **frequency**.



20140722; US201414567989
20141211

AP - WO2015US40488 20150715

DT - *; Rep

CT - |EP| ISR (A1)
[CN102780547](#) A 20121114
[I] (ZTE CORP)
[I] 1-20
* the whole document *;
[WO2012152135](#) A1 20121115
[] (ZTE CORP [CN], et al)
[]
* abstract *;
[EP2337235](#) A1 20110622
[I] (FUJITSU LTD [JP])
[I] 1-20
* abstract *
* paragraphs [0033] , [0034] ,
[0043] , [0044] , [0045] , [0046] ,
[0047] , [0048] , [0049] , [0057] ,
[0058] , [0059] *
* claims 1,2,11,12 *;
[WO2012130313](#) A1 20121004
[A] (ERICSSON TELEFON AB L M
[SE], et al)
[A] 1-20
* abstract *
* page 1, line 1 - page 1,
line 24 *
* claims 1-6,18-22 *;
[WO2005008831](#) A2 20050127
[A] (ZYRAY WIRELESS INC [US], et
al)
[A] 1-20
* abstract *
* page 1, lines 1-11 *
* page 20, line 10 - page 20,
line 30 *;
[EP2416619](#) A1 20120208
[A] (HUAWEI TECH CO LTD [CN])
[A] 1-20
* abstract *
* paragraphs [0026] - [0029] *;
[EP2475126](#) A1 20120711
[A] (HUAWEI TECH CO LTD [CN])
[A] 1-20
* abstract *
* paragraphs [0002] , [0008] ,
[0010] *
* claim 11 *

CCI - [H04W24/10](#)

CUI - [H04W24/08](#) ; [H04W72/08](#)

PA - QUALCOMM INC [US]

TI - ULTRA RELIABLE LINK DESIGN

AB - Techniques are described
for **wireless communication**. A
first **method**
includes **measuring**, by a

first **device**, a condition of a **wireless channel**; and generating at least one **channel side information feedback message** based on the measured condition of the **wireless channel**. The at least one **channel side information feedback message** provides information on a relationship of a set of parameters, including a data rate parameter, an error probability parameter, and at least one of a deadline parameter or a transmission link parameter. A second **method** includes **measuring**, by a first **device**, **interference** on a **wireless channel**; identifying an **interfering device** for the **wireless channel** based on the measurement; and generating a **channel side information feedback message** based on the measured **interference** on the **wireless channel**. The **channel side information feedback message** indicates the **interfering device** for the **wireless channel** and a **correlation of interference** from the **interfering device** with **time** or **frequency**.