

पेटेंट कार्यालय
शासकीय जर्नल

**OFFICIAL JOURNAL
OF
THE PATENT OFFICE**

निर्गमन सं. 05/2022
ISSUE NO. 05/2022

शुक्रवार
FRIDAY

दिनांक: 04/02/2022
DATE: 04/02/2022

पेटेंट कार्यालय का एक प्रकाशन
PUBLICATION OF THE PATENT OFFICE

(12) PATENT APPLICATION PUBLICATION

(21) Application No. **202241003819 A**

(19) INDIA

(22) Date of filing of Application : **24/01/2022**

(43) Publication Date : **04/02/2022**

(54) Title of the invention : **PARAMETER OPTIMIZATION FOR 5G TRANSMISSION**

(51) International classification :G01S0005020000, H04B0007100000, H04B0017240000,
H04W0004060000, H04B0001500000
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :

The present invention a parameter optimization for 5G transmission comprising of a receiver calculating a number of radio frequency chains that a transmitter and the receiver need to use, according to received signals powers for using different numbers of radio frequency chains and a total power consumption for using the different numbers of radio frequency chains, wherein the power of the received signal for using radio frequency chains. The receiver sends the number of radiofrequency chains to the transmitter and the transmitter uses the number of radiofrequency chains to transmit signals, the receiver uses the number of radiofrequency chains to receive signals.

No. of Pages : 10 No. of Claims : 1

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