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<p>[29D] wherein at least one of said receiver or transceiver for signal or data reception and said transmitter or transceiver for signal or data transmission either or both transmit and receive at an instantaneous or overall occupied bandwidth of 100 MHz or more or have a data transmission rate of 100 Megabits per second or more,</p>	<p>See claim element [1E] above.</p>
<p>[29E] wherein said repeater or relay employs MIMO or adaptive antenna technology,</p>	<p>See claim [17] above.</p>
<p>[29F] wherein said broadband wireless repeater or relay is used to support connectivity and/or position location capabilities for one or more mobile or portable devices, and</p>	<p>See claim element [1G] above.</p>
<p>[29G] wherein said controller is configured or configurable to perform or for performing at least one of: a) ignore or filter out at least some signal or data transmissions from one or more</p>	<p>See claim element [1H] above.</p>

<p>undesired transmitters, users, networks, data sources, or noise sources; and</p> <p>b) instruct one or more devices or networks to ignore or disregard at least some signal or data transmissions of one or more undesired transmitters, undesired users, undesired networks, or noise sources.</p>	
<p style="text-align: center;"><b>Claim 30</b></p>	<p style="text-align: center;"><b>Accused RAN Instrumentalities</b></p>
<p>30. The broadband wireless repeater or relay of claim 29, wherein said controller is configured or configurable to perform a).</p>	<p>See claim [6] above.</p>
<p style="text-align: center;"><b>Claim 32</b></p>	<p style="text-align: center;"><b>Accused RAN Instrumentalities</b></p>
<p>32. The broadband wireless repeater or relay of claim 29, wherein said controller is configured or configurable to perform network provisioning or monitoring.</p>	<p>See claim [8] above.</p>
<p style="text-align: center;"><b>Claim 33</b></p>	<p style="text-align: center;"><b>Accused RAN Instrumentalities</b></p>
<p>33. The broadband wireless repeater or relay of claim 32, wherein the network provisioning or monitoring includes one or more of:</p> <p>i) bandwidth or delay provisioning of repeated or relayed transmissions,</p> <p>ii) application prioritization,</p>	<p>See claim [9] above.</p>

<p>iii) prioritizing, delaying or altering of data transmissions, traffic, or bandwidth, and</p> <p>iv) monitoring or measuring traffic from one or more devices, users or networks.</p>	
<p align="center"><b>Claim 35</b></p>	<p align="center"><b>Accused RAN Instrumentalities</b></p>
<p>35. The broadband wireless repeater or relay of claim 29, wherein said at least one receiver or transceiver for receiving signals or data and said at least one transmitter or transceiver for transmitting signals or data operate in half duplex.</p>	<p>See claim [11] above.</p>
<p align="center"><b>Claim 48</b></p>	<p align="center"><b>Accused RAN Instrumentalities</b></p>
<p>48. The broadband wireless repeater or relay of claim 29, wherein one or more of said receiver or transceiver for signal or data reception, said transmitter or transceiver for signal or data transmission, and said controller is embedded in one or more integrated circuit chips.</p>	<p>The controller, transmitter, receiver, and/or transceiver of the Accused RAN Instrumentalities are embedded in one or more integrated circuit chips.</p> <p>For Example, the Accused RAN Instrumentalities use an RFIC for a 5G transceiver comprising a 5G modem SoC and digital front end.</p> <div data-bbox="785 1000 1898 1117" style="border: 1px solid black; padding: 5px;"> <p><small>SEOUL, Korea – June 22, 2021 – Samsung Electronics. Co., Ltd. today unveiled a range of new chipsets that will be embedded into the company's next generation 5G solutions. The new 3GPP Rel.16 compliant chipsets consist of a third generation mmWave Radio Frequency Integrated Circuit (RFIC) chip, a second generation 5G modem System-on-Chip (SoC), and a Digital Front End (DFE)-RFIC integrated chip. The company's latest chips will power Samsung's next-generation products for 5G build out, including the next generation 5G Compact Macro, Massive MIMO radios, and baseband units, which will all be commercially available in 2022.</small></p> </div> <p>See <a href="http://www.samsung.com/global/business/networks/insights/press-release/0621-samsung-unveils-new-chipsets-to-enhance-next-generation-5g-ran-portfolio/">www.samsung.com/global/business/networks/insights/press-release/0621-samsung-unveils-new-chipsets-to-enhance-next-generation-5g-ran-portfolio/</a></p> <p>An integrated circuit package (e.g., 5G system-on-a-chip) may comprise a plurality of functionalities within a single IC package such as signal encoding/decoding by a modem, frequency tuning by a front-end module, and/or transmitter/receiver by a transceiver. The IC is in communication with one or more antennas or an antenna array to wirelessly transmit and receive wireless data over a cellular network.</p>

	See elements [1A] and [1C] above.
<b>Claim 49</b>	<b>Accused RAN Instrumentalities</b>
49. The broadband wireless repeater or relay of claim 29, wherein said broadband wireless repeater or relay is configured or configurable for monitoring or measuring traffic passed through, received by or transmitted by said broadband wireless repeater or relay.	See claim [26] above.