CLAIMS

1. A method, in a wireless device, for performing beam measurements, the method comprising:

receiving measurement reporting parameters configuring the wireless device for reporting measurements; and,

for each of one or more frequencies, in response to determining that one of the measurement reporting parameters associated with the frequency indicates a maximum number of beam measurements to be reported per cell and another one of the measurement reporting parameters associated with the frequency indicates a quantity to be reported, maintaining at least one measurement per beam for the frequency, for reporting.

2. The method of claim 1, wherein the at least one beam measurement to be maintained comprises a Reference Signal Received Power, RSRP, measurement and a Reference Signal Received Quality, RSRQ, measurement.

3. The method of claim 1 or 2, wherein said determining is performed separately for each of two or more reference signal types.

4. The method (400) of claim 3, wherein the two or more reference signal types include a channel state-information reference symbol, CSI-RS, type and a synchronization signal/physical broadcast channel, PBCH, type.

5. A wireless device configured to perform beam measurements, the wireless device comprising:

transceiver circuitry; and

processing circuitry operatively associated with the transceiver circuitry and configured to:

receive measurement reporting parameters configuring the wireless device for reporting measurements;

for each of one or more frequencies, in response to determining that one of the measurement reporting parameters associated with the frequency indicates a maximum number of beam measurements to be reported per cell and another one of the measurement reporting parameters associated with the frequency indicates a quantity to be reported,

maintain at least one measurement per beam for the frequency, for reporting.

6. The wireless device of claim 5, wherein the at least one beam measurement to be maintained comprises a Reference Signal Received Power, RSRP, measurement and a Reference Signal Received Quality, RSRQ, measurement.

7. The wireless device of claim 5 or 6, wherein the processing circuitry is configured to determine whether the one of the measurement reporting parameters indicates the maximum number of beam measurements to be reported per cell and the other one of the measurement reporting parameters indicates the quantity to be reported, separately for each of two or more reference signal types.

8. The wireless device of claim 7, wherein the two or more reference signal types include a channel-state-information reference symbol, CSI-RS, type and a synchronization signal/physical broadcast channel, PBCH, type.

9. A non-transitory computer readable storage medium storing a computer program comprising program instructions that, when executed on at least one processing circuit of a wireless device configured to perform beam measurements, configures the wireless device to:

receive measurement reporting parameters configuring the wireless device for reporting measurements; and,

for each of one or more frequencies, in response to determining that one of the measurement reporting parameters associated with the frequency indicates a maximum number of beam measurements to be reported per cell and another one of the measurement reporting parameters associated with the frequency indicates a quantity to be reported, maintain at least one measurement per beam for the frequency, for reporting.

10. A computer program product, comprising instructions that, when executed on at least one processing circuit, cause the at least one processing circuit to carry out a method according to any one of claims 1-4.

11. A carrier containing the computer program product of claim 10, wherein the carrier is one of an electronic signal, optical signal, radio signal, or computer readable storage medium.