CLAIMS

1. A method of wireless communication, comprising:

determining a transmission configuration for demodulation reference signals (DMRS) in a subframe of each of a plurality of served user equipments (UEs), wherein the transmission configuration includes a combination of at least a cyclic shift, an orthogonal cover code (OCC), and a comb value; and

dynamically signaling the transmission configuration to each of the plurality of served UEs, wherein at least one of the transmission configurations assigns a first comb value for a first slot of the subframe and a second comb value for a second slot of the subframe that is different than the first comb value.

2. The method of claim 1, wherein the dynamic signaling includes:

dynamically transmitting the transmission configuration in an uplink grant to each of the plurality of UEs.

3. The method of claim 3, wherein the transmission configuration is signaled via a joint coding of the cyclic shift, the OCC, and the comb value.

4. The method of claim 3, wherein the at least one of the transmission configuration assigning the first comb value for the first slot and the second comb value for the second slot includes assignment of a different OCC for layer 1 to 4.

5. The method of claim 4, wherein another transmission configuration assigning a same comb value to the first and second slot includes assignment of a same OCC for layer 1 to 4.

6. The method of any combination of claims 1-5.

7. A method of wireless communication, comprising:

receiving a transmission configuration from a serving base station for transmission of demodulation reference signals (DMRS) in a subframe, wherein the transmission configuration includes a combination of at least a cyclic shift, an orthogonal cover code (OCC), and a comb value;

preparing a retransmission of the DMRS, wherein the retransmission is counted by a current transmit counter;

selecting a transmission comb value for the retransmission, wherein the transmission comb value is selected based on a current number in the current transmit counter, and wherein the transmission comb value is different than an original comb value used in transmission of the DMRS; and

transmitting the retransmission using the transmission comb value.

8. The method of claim 7, wherein the selecting of the transmission comb value is configured to select a first transmission comb value when the current transmit counter is an odd number, and to select a second transmission comb value different from the first transmission comb value when the current transmit counter is an even number.

9. An apparatus configured for wireless communication, comprising:

means for determining a transmission configuration for demodulation reference signals (DMRS) in a subframe of each of a plurality of served user equipments (UEs), wherein the transmission configuration includes a combination of at least a cyclic shift, an orthogonal cover code (OCC), and a comb value; and

dynamically signaling the transmission configuration to each of the plurality of served UEs, wherein at least one of the transmission configurations assigns a first comb value for a first slot of the subframe and a second comb value for a second slot of the subframe that is different than the first comb value.

10. The apparatus of claim 9, wherein the means for dynamic signaling includes:

means for dynamically transmitting the transmission configuration in an uplink grant to each of the plurality of UEs.

11. The apparatus of claim 10, wherein the transmission configuration is signaled via a joint coding of the cyclic shift, the OCC, and the comb value.

12. The apparatus of claim 11, wherein the at least one of the transmission configuration assigning the first comb value for the first slot and the second comb value for the second slot includes assignment of a different OCC for layer 1 to 4.

13. The apparatus of claim 12, wherein another transmission configuration assigning a same comb value to the first and second slot includes assignment of a same OCC for layer 1 to 4.

14. The apparatus of any combination of claims 9-13.

15. An apparatus configured for wireless communication, comprising:

means for receiving a transmission configuration from a serving base station for transmission of demodulation reference signals (DMRS) in a subframe, wherein the transmission configuration includes a combination of at least a cyclic shift, an orthogonal cover code (OCC), and a comb value;

means for preparing a retransmission of the DMRS, wherein the retransmission is counted by a current transmit counter;

means for selecting a transmission comb value for the retransmission, wherein the transmission comb value is selected based on a current number in the current transmit counter, and wherein the transmission comb value is different than an original comb value used in transmission of the DMRS; and

means for transmitting the retransmission using the transmission comb value.

16. The apparatus of claim 15 wherein the means for selecting of the transmission comb value is configured to select a first transmission comb value when the current transmit counter is an odd number, and to select a second transmission comb value different from the first transmission comb value when the current transmit counter is an even number.