

CLAIMS

1. A terminal, comprising:

a control section that generates Capability information including ~~UE Capability for a~~
Power Class of a terminal; and

a transmission section that transmits the Capability information, wherein

~~the Power Class is specified by four items of Max Total Radiated Power (TRP), Max~~
~~peak Equivalent Isotropic Radiated Power (EIRP), Min peak EIRP, and Spherical coverage~~
~~EIRP~~ Peak Effective Isotropic Sensitivity (EIS) and an EIS spherical coverage are specified for
each of a plurality of the Power Classes, and

~~an Inter-band Carrier Aggregation (CA) specified value of at least one of the Max peak~~
~~EIRP and the Min peak EIRP for Inter-band CA in which a plurality of bands are used is defined~~
~~by a method different from a method for a non-Inter-band CA specified value~~ in at least one of
the plurality of Power Classes, a specified value of at least one of the Peak EIS and the EIS
spherical coverage is determined by a method different between Inter-band Carrier Aggregation
(CA) using a plurality of bands and a case other than the Inter-band CA.

2. The terminal according to claim 1, wherein

~~the Inter-band CA specified value is defined by total power of an EIRP of a beam in a~~
~~first band and an EIRP of a beam in a second band, the beams being set in same directions, the~~
~~total power being in each of the same directions~~ the specified value of the Peak EIS for a first
band and the specified value of the Peak EIS for a second band in the Inter-band CA are
determined independently of each other.

3. The terminal according to claim 1, wherein

~~the Inter-band CA specified value is defined by total power of a maximum value of EIRP~~
~~for a first band and a maximum value of EIRP for a second band, the maximum values of EIRP~~

~~being ones among EIRPs at respective measurement points in respective beam directions~~the specified value of the EIS spherical coverage for a first band and the specified value of the EIS spherical coverage for a second band in the Inter-band CA are determined independently of each other in a same beam direction in two of the first and the second bands.

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4. ~~The terminal according to claim 1, wherein~~
~~the Inter-band CA specified value is defined by each of a maximum value of EIRP for a first band and a maximum value of EIRP for a second band, the maximum values of EIRP being~~
~~ones among EIRPs at respective measurement points in respective beam directions.~~

10 A system, comprising:

a terminal that generates Capability information including a Power Class of the terminal, and transmits the Capability information; and

a base station that receives the Capability information, wherein

Peak Effective Isotropic Sensitivity (EIS) and an EIS spherical coverage are specified

15 for each of a plurality of the Power Classes, and

in at least one of the plurality of Power Classes, a specified value of at least one of the Peak EIS and the EIS spherical coverage is determined by a method different between Inter-band Carrier Aggregation (CA) using a plurality of bands and a case other than the Inter-band CA.

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5. ~~The terminal according to claim 1, wherein~~

~~the Inter-band CA specified value is defined by total power of an EIRP of a beam in a first band and an EIRP of a beam in a second band, the beams being set in same directions, the total power being in each of the same directions, and by an EIRP for the first band and an EIRP for the second band in a beam direction in which the total power is the greatest.~~

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65. A communication method, comprising steps performed by a terminal of:
generating Capability information including ~~UE Capability for a Power Class~~; and
transmitting the Capability information, wherein

~~the Power Class is specified by four items of Max Total Radiated Power (TRP), Max~~
5 ~~peak Equivalent Isotropic Radiated Power (EIRP), Min peak EIRP, and Spherical coverage~~
~~EIRP~~ Peak Effective Isotropic Sensitivity (EIS) and an EIS spherical coverage are specified for
each of a plurality of the Power Classes, and

~~an Inter-band Carrier Aggregation (CA) specified value of at least one of the Max peak~~
~~EIRP and the Min peak EIRP for Inter-band CA in which a plurality of bands are used is defined~~
10 ~~by a method different from a method for a non-Inter-band CA specified value~~ in at least one of
the plurality of Power Classes, a specified value of at least one of the Peak EIS and the EIS
spherical coverage is determined by a method different between Inter-band Carrier Aggregation
(CA) using a plurality of bands and a case other than the Inter-band CA.