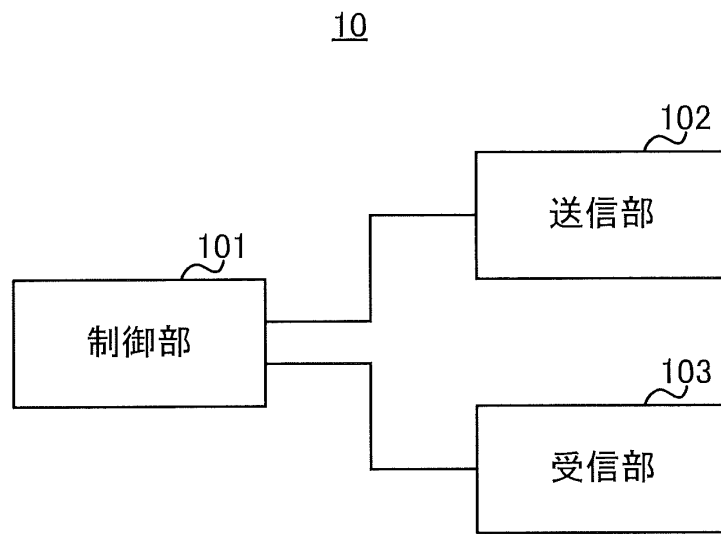
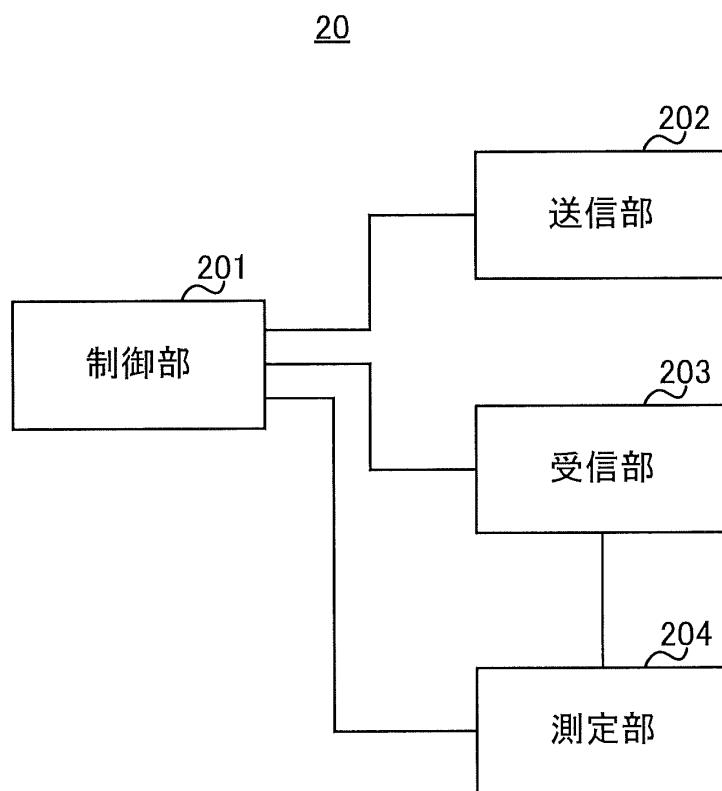


[図1]



[図2]



[図3]

n257, n258, n261 (28GHz帯)

Power Class	Max TRP (dBm)	Max peak EIRP (dBm)	Min peak EIRP (dBm)	Spherical coverage EIRP (dBm, %-tile CDF)
1	35	55	40	(32, 85)
2	23	43	29	(18, 60)
3	23	43	22.4	(11.5, 50)
4	23	43	34	(25, 20)

n260 (38GHz帯)

Power Class	Max TRP (dBm)	Max peak EIRP (dBm)	Min peak EIRP (dBm)	Spherical coverage EIRP (dBm, %-tile CDF)
1	35	55	40	32
2	N/A	N/A	N/A	N/A
3	23	43	20.6	(8, 50)
4	23	43	31	(19, 20)

[図4]

案	概要	28GHz		38GHz		Sum of EIRP(dBm)	
		TRP(dBm)	EIRP(dBm)	TRP(dBm)	EIRP(dBm)	Spherical EIRP(dBm)	Spherical EIRP(dBm)
A	28GHzと38GHzで同じTRP	20.0	19.4	20.0	17.6	5	21.6
B	28GHzと38GHzで同じEIRP	19.0	18.4	20.8	18.4	5.8	21.4
C	38GHzが大きいEIRP	17.0	16.4	21.7	19.3	6.7	21.1

[図5]

For inter-band carrier aggregation, the UE shall support the minimum EIRP, the maximum EIRP, the maximum TRP, and the spherical EIRP for carrier aggregation, as specified in the following equation;

$$\begin{aligned} \Delta P_{\text{powerclass}, e} &= P_{\text{powerclass}, e} - P_{\text{powerclass}, e_CA} \\ \Delta \text{TRP}_{\text{max}, e} &= \text{TRP}_{\text{max}, e} - \text{TRP}_{\text{max}, e_CA} \\ \Delta P_{\text{powerclass}, e} &= \Delta \text{TRP}_{\text{max}, e} \\ \sum \text{trp}_{\text{max}, e_CA} &= \text{MIN}\{\text{trp}_{\text{max}, e}\} \end{aligned}$$

where

- $P_{\text{powerclass}, e}$ is the minimum EIRP as specified in sub-clause 6.2.1 for serving cell e ($j=1 \dots m$);
- $\text{TRP}_{\text{max}, e}$ is the maximum TRP as specified in sub-clause 6.2.1 for serving cell e ($j=1 \dots m$);
- $P_{\text{powerclass}, e_CA}$ and $\text{TRP}_{\text{max}, e_CA}$ are the minimum EIRP and maximum TRP that the UE shall meet for inter-band carrier aggregation, respectively;
- $\Delta P_{\text{powerclass}, e_CA}$ and $\Delta \text{TRP}_{\text{max}, e_CA}$ are the degradation between $P_{\text{powerclass}, e}$ and $P_{\text{powerclass}, e_CA}$ and the degradation between $\text{TRP}_{\text{max}, e}$ and $\text{TRP}_{\text{max}, e_CA}$ respectively;
- $\text{trp}_{\text{max}, e}$ is the linear value of $\text{TRP}_{\text{max}, e}$;
- $\text{trp}_{\text{max}, e_CA}$ is the linear value of $\text{TRP}_{\text{max}, e_CA}$

案A) : $\text{TRP}_{\text{max}, e_CA}$ is specified as same $\text{TRP}_{\text{max}, CA}$ for all serving cell

案B) : $P_{\text{powerclass}, e_CA}$ is specified as same $P_{\text{powerclass}, CA}$ for all serving cell

案C) : $P_{\text{powerclass}, e_CA}$ is specified as $P_{\text{powerclass}, i_CA} = P_{\text{powerclass}, k_CA} + \Delta \text{LB}$ for serving cell i and k for ($j=1 \dots i \dots k \dots m$), where ΔLB is the difference of propagation loss due to the difference of the carrier frequency for serving cells.

【図6】

