









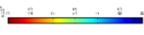
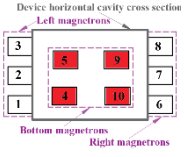















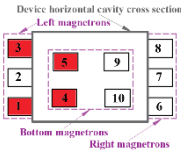















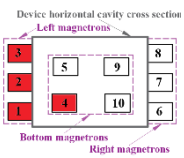

















TABLE 1. Temperature and electric field distributions of SiC bed surface heated by the four 1 kW magnetrons at different positions.

		Temperature and electric field distributions of SiC bed surface				
		105 °C	205 °C	305 °C	405 °C	500 °C
Position of four working magnetrons	^a Ts-IR Camera					
		100 ~ 150 °C	200 ~ 250 °C	300 ~ 350 °C	400 ~ 450 °C	500 ~ 550 °C
	^b Ts-Simulated					
		100 ~ 150 °C	200 ~ 250 °C	300 ~ 350 °C	400 ~ 450 °C	500 ~ 550 °C
						
		0 ~ 3000V/m				
 (4, 5, 9, 10)	^d T-IR Camera					
	^e T-Simulated					
	^f E-Simulated					
 (1, 3, 4, 5)	T-IR Camera					
	T-Simulated					
	E-Simulated					
 (1, 2, 3, 4)	T-IR Camera					
	T-Simulated					
	E-Simulated					

^aTs-IR Camera is temperature scale from IR thermal camera; ^bTs-Simulated is temperature scale from simulation; ^cEs-Simulated is electric field scale from simulation; ^dT-IR Camera is temperature distribution of SiC bed surface measured by IR thermal camera; ^eT-Simulated is temperature distribution of SiC bed surface from simulation; ^fE-Simulated is electric field distribution of SiC bed surface from simulation.