

RF Exposure Compliance for Simultaneous Operations

Configurations for Simultaneous Operations

Configuration 1: BT + WLAN 2.4GHz Chain 0 or 1

Configuration 2: BT + WLAN 2.4GHz MIMO

Configuration 3: BT + WLAN 5GHz Chain 0 or 1

Configuration 4: BT + WLAN 5GHz MIMO

RF Function	BT	WLAN Chain_0	WLAN HT20 MIMO	WLAN Chain_0	WLAN HT20 MIMO	Σ of MPE ratios
Frequency Band	2.4GHz	2.4GHz	2.4GHz	5GHz	5GHz	
Output Power (dBm)	8.65	18.4	18.24	19.31	19.31	
Antenna Gain (dBi)	4.58	4.5	7.51	4.48	7.49	
Duty Cycle	0.764	0.987	0.926	0.93	0.93	
Power Density (mW/cm ²)	0.00320	0.03830	0.06920	0.04430	0.08860	0.042
Requirement (mW/cm ²)	1.00	1.00	1.00	1.00	1.00	
MPE ratio (Power Density/Requirement)	0.003	0.038	0.069	0.044	0.089	
Configuration 1 (MPE Ratio)	0.003	0.038				
Configuration 2 (MPE Ratio)	0.003		0.069			
Configuration 3 (MPE Ratio)	0.003			0.044		0.048
Configuration 4 (MPE Ratio)	0.003				0.089	0.092

Requirement: Σ of MPE ratios ≤ 1