

RF Exposure Compliance for Simultaneous Operations

Configurations for Simultaneous Operations

Configuration 1: WLAN 802.11b/g/n + Zigbee + ZWave + WCDMA850

Configuration 2: WLAN 802.11b/g/n + Zigbee + ZWave + WCDMA1900

RF Function	WLAN	Zigbee	ZWave	WCDMA		Σ of MPE ratios
Frequency Band	2.4GHz	2.4GHz	908 MHz	850	1900	
Power Density (mW/cm ²)	0.00755	0.00404	0.00050	0.00755	0.06291	
Requirement (mW/cm ²)	1.00	1.00	0.61	0.54	1.00	
MPE ratio (Power Density/Requirement)	0.008	0.004	0.001	0.014	0.063	
Configuration 1 (MPE Ratio)	0.008	0.004	0.001	0.014	0.063	0.026
Configuration 2 (MPE Ratio)	0.008	0.004	0.001	0.014	0.063	0.075

Requirement: Σ of MPE ratios \leq 1