WLAN and Bluetooth Maximum Power Document
FCC ID: A3LSMA266U

1. The power levels listed in this document are maximum average power levels set at the time of production. The device will not operate at a power greater than the maximum allowed power. There is, additionally, no required minimum power for this transmitter. All transmissions of a given mode/configuration from this transmitter are required by design to be less than or equal to the maximum power + tolerance for that mode/configuration.

2. **WLAN Single Transmission Chain** Maximum Conducted Output Power in Conducted Mode

   a. Maximum Power

Mode	Band	SISO (dBm)				
		a	b	g	n	ac
2.4 GHz	2.45GHz		19	17 11ch : 15	17 11ch : 15	
5 GHz (20MHz)	UNII-1	17			17	17
	UNII-2A	17			17	17
	UNII-2C	17			17	17
	UNII-3	17			17	17
	UNII-4	17			17	17
5 GHz (40MHz)	UNII-1				14	14
	UNII-2A				14 62ch : 13	14 62ch : 13
	UNII-2C				14	14
	UNII-3				14	14
	UNII-4				14	14
5 GHz (80MHz)	UNII-1					12
	UNII-2A					12 58ch : 11
	UNII-2C					12
	UNII-3					12
	UNII-4					12

(Upper Tolerance: target +1.0 dB)

*Note: The above maximum levels are for average output power, not peak output power. The maximum achievable powers listed above are for each band listed. The power in each band may vary lower in other channels and not be flat across the entire band. Power that may be lower on other channels is not an intentional lowering of the power for any compliance reason and is inherent to the circuitry design.

b. Plimit: Reduced Power – Body SAR (RSI=0)

Mode	Band	SISO (dBm)				
		a	b	g	n	ac
2.4 GHz	2.45GHz		14	14	14	
5 GHz (20MHz)	UNII-1	13			13	13
	UNII-2A	13			13	13
	UNII-2C	13			13	13
	UNII-3	13			13	13
	UNII-4	13			13	13
5 GHz (40MHz)	UNII-1				13	13
	UNII-2A				13	13
	UNII-2C				13	13
	UNII-3				13	13
	UNII-4				13	13
5 GHz (80MHz)	UNII-1					12
	UNII-2A					12 58ch : 11
	UNII-2C					12
	UNII-3					12
	UNII-4					12

(Upper Tolerance: target +1.0 dB)

*Note: The above maximum levels are for average output power, not peak output power. The maximum achievable powers listed above are for each band listed. The power in each band may vary lower in other channels and not be flat across the entire band. Power that may be lower on other channels is not an intentional lowering of the power for any compliance reason and is inherent to the circuitry design.

c. Plimit: Reduced Power – RCV On (Head, RSI=1)

Mode	Band	SISO (dBm)				
		a	b	g	n	ac
2.4 GHz	2.45GHz		16	16	16	
5 GHz (20MHz)	UNII-1	13			13	13
	UNII-2A	13			13	13
	UNII-2C	13			13	13
	UNII-3	13			13	13
	UNII-4	13			13	13
5 GHz (40MHz)	UNII-1				13	13
	UNII-2A				13	13
	UNII-2C				13	13
	UNII-3				13	13
	UNII-4				13	13
5 GHz (80MHz)	UNII-1					12
	UNII-2A					12 58ch : 11
	UNII-2C					12
	UNII-3					12
	UNII-4					12

(Upper Tolerance: target +1.0 dB)

*Note: The above maximum levels are for average output power, not peak output power. The maximum achievable powers listed above are for each band listed. The power in each band may vary lower in other channels and not be flat across the entire band. Power that may be lower on other channels is not an intentional lowering of the power for any compliance reason and is inherent to the circuitry design.

3. **Bluetooth** Maximum and Reduced Conducted Output Power in Conducted Mode

Mode	Max (dBm)
BDR	12
EDR	8
BLE	12

(Tolerance target: Upper +1.0dB)

*Note: The above maximum levels are for average output power, not peak output power. The maximum achievable powers listed above are for each band listed. The power in each band may vary lower in other channels and not be flat across the entire band. Power that may be lower on other channels is not an intentional lowering of the power for any compliance reason and is inherent to the circuitry design.