

Band	Mode (802.11)	Ch. #	Freq. (MHz)	Amphenol Average Power per Chain*			Molex Average Power per Chain*			Amphenol** 1-g SAR (W/kg)			Molex 1-g SAR (W/kg)		
				Chain 0	Chain 1	Chain 2	Chain 0	Chain 1	Chain 2	Chain 0	Chain 1	Chain 2	Chain 0	Chain 1	Chain 2
2.4GHz	11b (1 Tx)	6	2437	16.5			16.5			0.845			0.667		
		6	2437		15.0			15.0			0.854			0.715	
		6	2437			16.5			16.5			0.804			0.685
5.2GHz	Legacy (1 Tx)	46	5230	14.0			14.0			0.669			0.514		
		46	5230		14.0			14.0			0.894			0.522	
		46	5230			14.0			14.0			0.430			0.266
5.3GHz	Legacy (1 Tx)	52	5260	14.0			14.0			0.691			0.686		
		52	5260		14.5			14.5			0.941			0.773	
		52	5260			16.0			16.0			0.687			0.635
5.5GHz	Legacy (1 Tx)	104	5520	15.0			15.0			0.720			0.678		
		104	5520		14.5			14.5			1.000			0.765	
		104	5520			17.0			17.0			0.893			0.829
5.8GHz	Legacy (1 Tx)	149	5745	17.0			17.0			0.962			0.789		
		149	5745		14.0			14.0			0.727			0.519	
		149	5745			17.0			17.0			0.642			0.589

* All preliminary SAR measurements were performed at Typical Average Power Levels, which are about 1dB lower than the Target Average Power Level for this Radio.

* Based upon KDB 616217 D03, "Antenna gain is a far field parameter. It is generally not directly related to near-field exposure conditions, which can be highly dependent on the RF current distribution characteristics of the individual transmitter, antennas and host computer configurations. Without taking into consideration the near-field exposure characteristics and parameters it would be inappropriate to assume that lower gain antennas always result in lower SAR; therefore, antenna gain is generally not used to assess the SAR evaluation requirements of devices operating at close proximity to users"

* Based upon antenna specification provided, Amphenol and Molex are designed with identical structures from two antenna vendors. In order to minimize number of SAR evaluations, preliminary SAR measurements were made to select the antenna vendor which demonstrate higher SAR distribution.

** Based upon preliminary SAR measurements, Amphenol antenna vendor demonstrated higher SAR distribution; Amphenol antenna was chosen for final SAR evaluation