

Bluetooth/WLAN Power

		Ant 2 Full power Both power Stations Extremity Standstion						Ant 4 Full power Both power Stations Extremity Standstion						Ant 24 Full power Both power Stations Extremity Standstion						Ant 2 Head Standstion				Ant 4 Head Standstion				Ant 24 Head Standstion				Ant 2 Htstop				Ant 4 Htstop				Ant 24 Htstop			
Mode	Channel	Frequency (MHz)	Average power (dBm)	Time Up Limit	Average power (dBm)	Time Up Limit	Average power (dBm)	Time Up Limit	Average power (dBm)	Time Up Limit	Average power (dBm)	Time Up Limit	Average power (dBm)	Time Up Limit	Average power (dBm)	Time Up Limit	Average power (dBm)	Time Up Limit	Average power (dBm)	Time Up Limit	Average power (dBm)	Time Up Limit	Average power (dBm)	Time Up Limit	Average power (dBm)	Time Up Limit	Average power (dBm)	Time Up Limit	Average power (dBm)	Time Up Limit	Duty Cycle %												
802.11n MIMO	1	-2412	19.51	21.00	16.11	16.00	27.53	22.50	17.72	19.00	16.57	16.50	19.34	21.00	16.90	17.80	12.53	14.50	17.54	19.00	100																						

5.2GHz WLAN		Ant 3 Full power Peak Spectral Density Bottom-up Stationless Extremity Stationless				Ant 4 Full power Peak Spectral Density Bottom-up Stationless Extremity Stationless				Ant 2-4 Full power Peak Spectral Density Bottom-up Stationless Extremity Stationless				Ant 3 Hotspot		Ant 4 Hotspot		Ant 2-4 Hotspot	
		Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a-6Mbps	36	5180	Not Required	19.00	Not Required	14.00	Not Required	20.00		18.00		11.00		17.00				93.32
		40	5200	18.10	20.00	13.25	15.00	18.33	21.00	18.00		11.00		17.00					
		44	5220		20.00		14.50		21.00	18.00		11.00		17.00					
		48	5240		20.00		14.50		21.00	18.00		11.00		17.00					
	802.11a-H20 MCS0	36	5180		18.00		13.50		19.00	16.00		11.00		17.00					100
		40	5200		18.50		14.00		20.00	17.00		11.00		17.00					
		44	5220		18.50		14.00		20.00	17.00		11.00		17.00					
		48	5240		18.50		14.00		20.00	17.00		11.00		17.00					
	802.11a-H40 MCS0	36	5180		18.00		13.50		19.00	Not Required	16.00		Not Required		Not Required				100
		40	5200		18.50		14.00		20.00	Not Required	17.00		Not Required		Not Required				
		44	5220		18.50		14.00		20.00	Not Required	17.00		Not Required		Not Required				
		48	5240		18.50		14.00		20.00	Not Required	17.00		Not Required		Not Required				
	802.11a-H20 MCS0	36	5180		18.00		13.50		19.00		18.00		11.00		17.00				100
		40	5200		18.50		14.00		20.00		18.00		11.00		17.00				
		44	5220		18.50		14.00		20.00		18.00		11.00		17.00				
		48	5240		18.50		14.00		20.00		18.00		11.00		17.00				
802.11a-H40 MCS0	36	5180	Not Required	18.00	Not Required	13.50	19.00	Not Required	19.00		18.00		11.00		17.00			100	
	40	5200		18.50		14.00		20.00		18.00		11.00		17.00					
	44	5220		18.50		14.00		20.00		18.00		11.00		17.00					
	48	5240		18.50		14.00		20.00		18.00		11.00		17.00					
802.11a-H20 MCS0	36	5180		18.00		13.50		19.00		18.00		11.00		17.00				100	
	40	5200		18.50		14.00		20.00		18.00		11.00		17.00					
	44	5220		18.50		14.00		20.00		18.00		11.00		17.00					
	48	5240		18.50		14.00		20.00		18.00		11.00		17.00					
802.11a-H40 MCS0	36	5180		18.00		13.50		19.00		18.00		11.00		17.00				100	
	40	5200		18.50		14.00		20.00		18.00		11.00		17.00					
	44	5220		18.50		14.00		20.00		18.00		11.00		17.00					
	48	5240		18.50		14.00		20.00		18.00		11.00		17.00					
802.11a-H20 MCS0	36	5180		18.00		13.50		19.00		18.00		11.00		17.00				100	
	40	5200		18.50		14.00		20.00		18.00		11.00		17.00					

		Avg 3 Full power Peak Densities Eighty-seven Stations Eighty Stations				Avg 4 Full power Peak Densities Eighty-seven Stations Eighty Stations				Avg 2+4 Full power Peak Densities Eighty-seven Stations Eighty Stations			
5.0GHz WLAN													
Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Loss	Average power (dBm)	Time-Loss	Average power (dBm)	Time-Loss	Duty Cycle %				
5.0GHz WLAN	802.11a-16Mbps	52	5200	18.84	20.00	19.20	14.50	16.85	21.00	99.32			
		56	5200	18.84	20.00	14.50	21.00						
		60	5300	18.84	20.00	14.50	21.00						
		64	5300	18.84	20.00	14.50	21.00						
	802.11a-HT20 MCS0	52	5200	18.84	18.50	13.50	20.00		100				
		56	5200	18.84	18.50	13.50	20.00						
		60	5300	18.84	18.50	13.50	20.00						
		64	5300	18.84	18.50	13.50	20.00						
	802.11a-HT40 MCS0	54	5270	18.84	18.50	13.50	20.00		100				
		62	5310	18.84	18.50	13.50	19.50						
		52	5200	18.84	18.50	13.50	20.00						
		56	5200	18.84	18.50	13.50	20.00						
	802.11a-VHT20 MCS0	56	5200	18.84	18.00	13.00	20.00		100				
		60	5300	18.84	18.00	13.00	20.00						
		64	5300	18.84	18.00	13.00	20.00						
		54	5270	18.84	18.00	13.00	20.00						
802.11a-VHT40 MCS0	54	5270	Not Required	18.00	Not Required	13.00	Not Required	19.50	100				
	62	5310	Not Required	18.00	Not Required	13.00	19.50						
	52	5200	18.84	18.00	13.00	20.00							
	56	5200	18.84	18.00	13.00	20.00							
802.11a-VHT80 MCS0	56	5200	18.84	18.00	13.00	19.00		100					
	60	5300	18.84	18.00	13.00	19.00							
	52	5200	18.84	18.00	13.00	19.00							
	56	5200	18.84	18.00	13.00	19.00							
802.11a-H20 MCS0	56	5200	18.84	18.50	13.50	20.00		100					
	60	5300	18.84	18.50	13.50	20.00							
	64	5300	18.84	18.50	13.50	20.00							
	54	5270	18.84	18.50	13.50	20.00							
802.11a-H40 MCS0	54	5270	18.84	18.50	13.50	20.00		100					
	62	5310	18.84	18.50	13.50	19.50							
	52	5200	18.84	18.50	13.50	20.00							
	56	5200	18.84	18.50	13.50	20.00							
802.11a-H80 MCS0	56	5200	18.84	18.00	13.00	19.50		100					
	60	5300	18.84	18.00	13.00	19.50							
	52	5200	18.84	18.00	13.00	19.50							
	56	5200	18.84	18.00	13.00	17.50							

		Ant 3 Full power Both uplink Stations Extremity Stations				Ant 4 Full power Both uplink Stations Extremity Stations				Ant 24 Full power Both uplink Stations Extremity Stations				Ant 2 Hand Stations				Ant 4 Hand Stations				Ant 34 Hand Stations			
Mode		Channel	Frequency	Average power (dBm)	Time-Up Link	Average power (dBm)	Time-Up Link	Average power (dBm)	Time-Up Link	Average power (dBm)	Time-Up Link	Average power (dBm)	Time-Up Link	Average power (dBm)	Time-Up Link	Average power (dBm)	Time-Up Link	Average power (dBm)	Time-Up Link	Average power (dBm)	Time-Up Link	Average power (dBm)	Time-Up Link	duty Cycle %	
5.5GHz WLAN	B22 11a 40Mbps	100	5500	18.41	19.50	12.18	14.00	16.16	20.50															95.0	
		118	5580		19.50		14.00		20.50	18.00			13.00		19.50				19.50						
		124	5620		19.50		14.00		20.50	18.50			13.50		19.50				19.50						
		132	5660		19.50		14.00		20.50	18.50			13.50		19.50				19.50						
		140	5700		19.50		13.50		19.50	18.00			13.00		19.50				19.50						
		144	5720		19.50		13.00		20.50	18.00			13.00		19.50				19.50						
		150	5590		19.50		13.00		19.50	18.50			13.00		19.50				19.50						
		158	5630		19.50		13.00		19.50	18.50			13.00		19.50				19.50						
		164	5710		19.50		13.00		20.50	18.00			13.00		19.50				19.50						
		170	5570		19.50		13.00		19.50	18.00			13.00		19.50				19.50						
5.5GHz WLAN	B22 11a VHT20 MCS9	100	5590		19.50		13.00		19.50	18.50			13.00		19.50				19.50					100	
		118	5580		19.50		13.00		19.50	18.50			13.00		19.50				19.50						
		124	5620		19.50		13.00		19.50	18.50			13.00		19.50				19.50						
		132	5660		19.50		13.00		19.50	18.50			13.00		19.50				19.50						
		140	5700		19.50		13.00		19.50	18.00			13.00		19.50				19.50						
		144	5720		19.50		13.00		19.50	18.00			13.00		19.50				19.50						
		150	5590		19.50		13.00		19.50	18.50			13.00		19.50				19.50						
		158	5630		19.50		13.00		19.50	18.50			13.00		19.50				19.50						
		164	5710		19.50		13.00		19.50	18.00			13.00		19.50				19.50						
		170	5570		19.50		13.00		19.50	18.00			13.00		19.50				19.50						
5.5GHz WLAN	B22 11a VHT40 MCS9	100	5590		19.50		13.00		19.50	Not Required															

		Ant 3 Full power Back-spread Stations Extending Stations				Ant 3A Full power Back-spread Stations Extending Stations				Ant 3B Full power Back-spread Stations Extending Stations				Ant 3 Head Stations		Ant 4 Head Stations		Ant 2A Head Stations		Ant 3 Helipoint		Ant 4 Helipoint		Ant 2A Helipoint			
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Daily Cycle	
S-GRN WLAN	B02.11a-MBMs	149	5745	17.95	18.00	12.95	13.00	16.91	20.00	18.00	13.00	13.00	19.00	13.00	13.00	13.00	13.00	8.00	14.00							90-32	
		157	5745	18.00	18.00	13.00	13.00	20.00	20.00	18.00	13.00	13.00	19.00	13.00	13.00	13.00	13.00	8.00	14.00								
		155	5825	18.20	18.00	12.95	13.00	19.20	20.00	18.00	13.00	13.00	19.00	13.00	13.00	13.00	13.00	8.00	14.00								
		149	5745	18.00	18.00	13.00	13.00	19.00	19.00	18.00	13.00	13.00	19.00	13.00	13.00	13.00	13.00	8.00	14.00								
	B02.11a-H20 MCS0	157	5750	18.00	18.00	13.00	13.00	18.00	18.00	18.00	13.00	13.00	18.00	13.00	13.00	13.00	13.00	8.00	14.00								100
		155	5825	18.00	18.00	13.00	13.00	18.00	18.00	18.00	13.00	13.00	18.00	13.00	13.00	13.00	13.00	8.00	14.00								
		151	5735	18.00	18.00	13.00	13.00	Not Required	18.00	Not Required	13.00	Not Required	18.00	Not Required	13.00	Not Required	13.00	8.00	Not Required	14.00							100
		159	5795	18.00	18.00	13.00	13.00	Not Required	18.00	Not Required	13.00	Not Required	18.00	Not Required	13.00	13.00	13.00	8.00	14.00								
	B02.11a-VHT20 MCS0	149	5745	18.00	18.00	13.00	13.00	18.00	18.00	18.00	13.00	13.00	18.00	13.00	13.00	13.00	13.00	8.00	14.00								100
		157	5750	18.00	18.00	13.00	13.00	18.00	18.00	18.00	13.00	13.00	18.00	13.00	13.00	13.00	13.00	8.00	14.00								
		155	5825	18.00	18.00	13.00	13.00	18.00	18.00	18.00	13.00	13.00	18.00	13.00	13.00	13.00	13.00	8.00	14.00								
		151	5735	18.00	18.00	13.00	13.00	Not Required	18.00	Not Required	13.00	Not Required	18.00	Not Required	13.00	13.00	13.00	8.00	Not Required	14.00							
S-GRN WLAN	B02.11a-VHT20 MCS0	159	5795	18.00	18.00	13.00	13.00	Not Required	18.00	Not Required	13.00	Not Required	18.00	Not Required	13.00	13.00	13.00	8.00	14.00								100
		149	5745	18.00	18.00	13.00	13.00	Not Required	18.00	Not Required	13.00	Not Required	18.00	Not Required	13.00	13.00	13.00	8.00	14.00								
		157	5750	18.00	18.00	13.00	13.00	Not Required	18.00	Not Required	13.00	Not Required	18.00	Not Required	13.00	13.00	13.00	8.00	14.00								

BR / EDR		Ant2	Average power (dBm)
Mode	Channel	Frequency (MHz)	1Mbps
BR / EDR	CH 39	2441	8.49
Tune-up Limit			7



<6GHz WLAN>

				Ant 3 Full power Head Standalone Body-worn Standalone Standalone		Ant 4 Full power Head Standalone Body-worn Standalone Extremity Standalone		Ant 3+4 Full power Head Standalone Body-worn Standalone Extremity Standalone		
WIFI 6E	Mode	Channel	Frequency (Mhz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
802.11ax+HE80 MCS0		7	5985	11.56	13.00	6.23	8.00	12.77	14.50	100
		71	6305	11.51	13.00	6.79	8.50	12.73	14.50	
		119	6345	12.13	14.00	7.85	9.50	13.68	15.50	
		167	6785	15.93	17.50	11.39	13.00	17.31	19.00	
		215	7025	16.41	18.00	11.09	12.50	17.52	19.00	