



WLAN/Bluetooth Power

2.4GHz WLAN			Art 6		
Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	18.88	17.00	98.29
	6	2437	16.10	17.00	
	11	2462	16.58	17.00	
	1	2412	14.91	16.00	
802.11g 18Mbps	6	2437	14.40	16.00	99.45
	11	2462	14.00	16.00	
	1	2412	14.91	16.00	
	6	2437	14.40	16.00	
802.11nHT20 MCS0	1	2412	14.18	15.00	100.00
	6	2437	14.03	15.00	
	11	2462	14.56	15.00	
	3	2422	14.35	15.00	
802.11nHT40 MCS0	6	2437	14.42	15.00	100.00
	9	2452	14.50	15.00	
	1	2412	14.18	15.00	
	6	2437	14.03	15.00	
802.11nHE20 MCS0	11	2462	11.94	12.00	100.00
	3	2422	11.36	12.00	
	6	2437	11.58	12.00	
	9	2452	11.53	12.00	

Art 1						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	16.69	17.00	98.28
		6	2437	16.39	17.00	
		11	2462	16.03	17.00	
	802.11g 18Mbps	1	2412	15.72	16.00	99.11
		6	2437	15.50	16.00	
		11	2462	15.41	16.00	
	802.11nHT20 MCS0	1	2412	14.65	15.00	100.00
		6	2437	14.72	15.00	
		11	2462	14.63	15.00	
		3	2422	14.81	15.00	
		6	2437	14.89	15.00	
	802.11nHT40 MCS0	9	2452	14.90	15.00	100.00
1		2412	11.96	12.00		
6		2437	11.71	12.00		
802.11nHE40 MCS0	11	2462	11.83	12.00	100.00	
	3	2422	11.94	12.00		
	6	2437	11.79	12.00		
802.11nHE40 MCS0	9	2452	11.65	12.00	100.00	

Art 0-1						
Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Duty Cycle %	
2.4GHz WLAN	802.11b 1Mbps	1	2412	19.74	20.00	98.29
		6	2437	19.26	20.00	
		11	2462	19.32	20.00	
	802.11g 18Mbps	6	2437	18.34	19.00	99.45
		11	2462	18.03	19.00	
		1	2412	18.17	19.00	
	802.11nHT20 MCS0	1	2412	17.43	18.00	100.00
		6	2437	17.40	18.00	
		11	2462	17.61	18.00	
		3	2422	17.60	18.00	
		6	2437	17.67	18.00	
	802.11nHT40 MCS0	9	2452	17.71	18.00	100.00
1		2412	14.76	15.00		
6		2437	14.53	15.00		
802.11nHE40 MCS0	11	2462	14.85	15.00	100.00	
	3	2422	14.67	15.00		
	6	2437	14.76	15.00		
802.11nHE40 MCS0	9	2452	14.76	15.00	100.00	
	1	2412	14.76	15.00		
	3	2422	14.76	15.00		

5.2GHz WLAN				Art 0	
Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Duty Cycle %
802.11a 6Mbps	36	5180	10.46	11.00	99.31
	40	5200	10.59	11.00	
	44	5220	10.71	11.00	
	48	5240	10.70	11.00	
802.11nHT20 MCS0	36	5180	10.52	11.00	100.00
	40	5200	10.66	11.00	
	44	5220	10.80	11.00	
	48	5240	10.79	11.00	
802.11nHT40 MCS0	38	5190	14.09	15.00	100.00
	46	5230	14.28	15.00	
	36	5180	9.26	10.00	
	40	5200	9.37	10.00	
802.11ac-VHT20 MCS0	44	5220	9.32	10.00	100.00
	48	5240	9.34	10.00	
	38	5190	8.97	10.00	
	46	5230	8.97	10.00	
802.11ac-VHT80 MCS0	42	5210	9.33	10.00	100.00
	36	5180	9.35	10.00	
	40	5200	9.44	10.00	
	44	5220	9.37	10.00	
802.11aHE30 MCS0	48	5240	9.43	10.00	100.00
	38	5190	8.94	10.00	
	46	5230	9.05	10.00	
	42	5210	9.09	10.00	
802.11aHE80 MCS0	42	5210	9.09	10.00	100.00
	38	5190	8.94	10.00	
	46	5230	9.05	10.00	
	42	5210	9.09	10.00	

5.2GHz WLAN						
Art 1						
Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Duty Cycle %	
802.11a 6Mbps	36	5180	10.00	11.00	99.97	
	40	5200	10.01	11.00		
	44	5220	10.40	11.00		
	48	5240	10.31	11.00		
	802.11nHT20 MCS0	36	5180	10.11	11.00	100.00
		40	5200	10.18	11.00	
		44	5220	10.52	11.00	
		48	5240	10.54	11.00	
	802.11nHT40 MCS0	38	5190	14.18	15.00	100.00
		46	5230	14.32	15.00	
		36	5180	8.84	10.00	
		40	5200	8.79	10.00	
802.11ac-VHT20 MCS0	44	5220	9.21	10.00	100.00	
	48	5240	9.14	10.00		
	38	5190	9.11	10.00		
	46	5230	9.31	10.00		
802.11ac-VHT80 MCS0	42	5210	9.57	10.00	100.00	
	36	5180	8.96	10.00		
	40	5200	8.84	10.00		
	44	5220	9.26	10.00		
802.11aHE30 MCS0	48	5240	9.17	10.00	100.00	
	38	5190	8.34	10.00		
	46	5230	8.27	10.00		
	42	5210	8.62	10.00		
802.11aHE80 MCS0	42	5210	8.62	10.00	100.00	
	38	5190	8.34	10.00		
	46	5230	8.27	10.00		
	42	5210	8.62	10.00		

Art 0-1					
Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Duty Cycle %
802.11a 6Mbps	36	5180	13.25	14.00	99.31
	40	5200	13.32	14.00	
	44	5220	13.63	14.00	
	48	5240	13.62	14.00	
802.11nHT20 MCS0	36	5180	13.33	14.00	100.00
	40	5200	13.44	14.00	
	44	5220	13.67	14.00	
	48	5240	13.68	14.00	
802.11nHT40 MCS0	38	5190	17.15	18.00	100.00
	46	5230	17.30	18.00	
	36	5180	12.13	13.00	
	40	5200	12.10	13.00	
802.11ac-VHT20 MCS0	44	5220	12.28	13.00	100.00
	48	5240	12.25	13.00	
	38	5190	11.86	13.00	
	46	5230	11.87	13.00	
802.11ac-VHT80 MCS0	42	5210	11.92	13.00	100.00
	36	5180	12.16	13.00	
	40	5200	12.16	13.00	
	44	5220	12.33	13.00	
802.11aHE30 MCS0	48	5240	12.31	13.00	100.00
	38	5190	11.79	13.00	
	46	5230	11.71	13.00	
	42	5210	11.96	13.00	
802.11aHE80 MCS0	42	5210	11.96	13.00	100.00
	38	5190	11.79	13.00	
	46	5230	11.71	13.00	
	42	5210	11.96	13.00	

5.8GHz WLAN					Art 0
Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Duty Cycle %
802.11a 6Mbps	52	5280	14.79	15.50	99.3
	56	5280	15.04	15.50	
	60	5300	15.18	15.50	
	64	5320	14.96	15.50	
802.11nHT20 MCS0	52	5280	13.91	14.50	100.00
	56	5280	13.93	14.50	
	60	5300	14.08	14.50	
	64	5320	13.76	14.50	
802.11nHT40 MCS0	54	5270	15.12	15.50	100.00
	52	5310	15.09	15.50	
	52	5300	9.54	10.00	
	56	5320	9.33	10.00	
802.11ac VHT20 MCS0	60	5300	9.36	10.00	100.00
	64	5320	9.32	10.00	
	54	5270	8.65	10.00	
	52	5320	8.33	10.00	
802.11ac VHT40 MCS0	58	5290	9.99	10.00	100.00
	56	5280	9.41	10.00	
	60	5300	8.63	9.00	
	52	5280	9.41	10.00	
802.11ac VHT80 MCS0	56	5280	8.44	10.00	100.00
	60	5300	8.42	10.00	
	52	5300	9.39	10.00	
	54	5270	9.07	10.00	
802.11ac VHT160 MCS0	52	5310	9.07	10.00	100.00
	58	5290	9.14	10.00	
802.11ac VHT160 MCS0	50	5250	8.67	9.00	100.00

WIFI 6E				Aix 9		
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
802.11a 6Mbps	1	5955	0.94	1.00	99.31	
	57	6235	-0.69	0.00		
	113	6515	1.26	2.00		
	173	6815	0.39	1.00		
	229	7095	0.40	1.00		
	1	5955	1.49	2.00		
	57	6235	0.16	0.00		
	113	6515	1.66	2.00		
	173	6815	1.02	1.00		
	229	7095	1.25	1.00		
	3	5985	3.87	4.00		
	59	6245	4.41	5.00		
802.11a+HE20 MCS0	107	6485	4.70	5.00	100.00	
	1	5955	1.49	2.00		
	57	6235	0.16	0.00		
	113	6515	1.66	2.00		
	173	6815	1.02	1.00		
	229	7095	1.25	1.00		
	3	5985	3.87	4.00		
	59	6245	4.41	5.00		
	107	6485	4.70	5.00		
	171	6805	4.02	5.00		
	227	7085	2.53	4.00		
	7	5985	6.97	7.50		
802.11a+HE40 MCS0	71	6365	2.37	2.50	100.00	
	119	6545	0.04	0.00		
	167	6785	7.18	7.00		
	215	7025	6.61	7.00		
	15	6025	6.72	7.00		
	47	6185	7.86	8.00		
	111	6505	0.44	10.00		
	175	6825	8.05	9.00		
	207	6985	8.83	9.00		
	1	5955	1.49	2.00		
	57	6235	0.16	0.00		
	113	6515	1.66	2.00		

Aix 1					
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	1	5955	-0.63	0.00	99.31
	57	6235	-1.23	-1.00	
	113	6515	-0.08	0.00	
	173	6815	-1.11	0.00	
	229	7095	-1.54	-0.00	
	1	5955	0.14	0.00	
	57	6235	-0.06	0.00	
	113	6515	-0.05	0.00	
	173	6815	-0.42	0.00	
	229	7095	-0.85	0.00	
	3	5985	2.38	3.00	
	59	6245	3.34	3.00	
802.11a+HE20 MCS0	107	6485	3.26	4.00	100.00
	1	5955	1.49	2.00	
	57	6235	0.16	0.00	
	113	6515	1.66	2.00	
	173	6815	1.02	1.00	
	229	7095	1.25	1.00	
	3	5985	3.87	4.00	
	59	6245	4.41	5.00	
	107	6485	3.26	4.00	
	171	6805	2.79	4.00	
	227	7085	1.19	3.00	
	7	5985	5.42	6.00	
802.11a+HE40 MCS0	71	6365	6.21	6.00	100.00
	119	6545	4.36	5.00	
	167	6785	6.99	7.50	
	215	7025	6.36	7.00	
	15	6025	6.51	7.00	
	47	6185	6.47	8.00	
	111	6505	9.73	10.00	
	175	6825	8.58	9.00	
	207	6985	8.12	9.00	
	1	5955	1.49	2.00	
	57	6235	0.16	0.00	
	113	6515	1.66	2.00	

Aix 0+1					
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	1	5955	3.24	3.00	99.31
	57	6235	2.09	2.00	
	113	6515	3.42	4.00	
	173	6815	2.71	4.00	
	229	7095	2.65	3.00	
	1	5955	3.88	4.00	
	57	6235	2.63	3.00	
	113	6515	3.90	4.00	
	173	6815	3.37	4.00	
	229	7095	3.34	4.00	
	3	5985	6.19	6.00	
	59	6245	6.92	7.00	
802.11a+HE20 MCS0	107	6485	7.10	7.00	100.00
	1	5955	1.49	2.00	
	57	6235	0.16	0.00	
	113	6515	1.66	2.00	
	173	6815	1.02	1.00	
	229	7095	1.25	1.00	
	3	5985	3.87	4.00	
	59	6245	4.41	5.00	
	107	6485	7.10	7.00	
	171	6805	6.48	7.00	
	227	7085	4.62	7.00	
	7	5985	9.27	10.00	
802.11a+HE40 MCS0	71	6365	9.64	10.00	100.00
	119	6545	8.20	9.00	
	167	6785	10.10	10.00	
	215	7025	9.60	10.00	
	15	6025	9.08	10.00	
	47	6185	10.22	11.00	
	111	6505	12.60	13.00	
	175	6825	11.58	12.00	
	207	6985	11.60	12.00	
	1	5955	1.49	2.00	
	57	6235	0.16	0.00	
	113	6515	1.66	2.00	

ANT0 BT BR/EDR

Mode	Channel	Frequency (MHz)	Average power (dBm)			Time-up Limit
			1 Mbps	2 Mbps	3 Mbps	
BR / EDR	CH00	2402	11.10	9.48	9.30	10.00
	CH10	2441	12.05	10.28	10.43	13.00
	CH18	2480	10.98	9.40	9.33	12.00

BLE_1M

Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-up Limit
LE	CH00	2402	7.33	8.50
	CH10	2440	8.02	8.50
	CH30	2480	6.42	7.50

BLE_2M

Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-up Limit
LE	CH00	2402	7.33	8.50
	CH10	2440	8.23	8.50
	CH30	2480	6.56	7.50

Nordic BLE Ant

BLE_1M

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH00	2402	3.96
	CH10	2440	4.33
	CH30	2480	4.08
Time-up Limit			5.00