

FCC 5GHz Power Table-Radio 1



Standard:	FCC Part 15.407	Test Date:	2019.10.21	Temperature:	25°C	Humidity:	55%RH
Project No.:	1992128R	Product Name:	Wireless Access point	Model Name:	AP410C	Test Site:	TR8
Antenna Gain(dBi)	Ant 4	3.30					
Operating temperature range:	Low	0°C	Nor	25°C	High	40°C	Test Engineer: Pavn

Test Eng:		Pavn							
Antenna Technology:		SISO							
Mode:	802.11a	Data Rate:	6Mbps		Conducted power SISO mode		Power Index		
Test Conditions	Channel	Frequency (MHz)	Ant 4 Reading Level Avg. (dBm)		Total Power Ant 4 Avg. (dBm)		Limit Avg. (dBm) Pass/Fail		
Tnom (25°C)	Vnom (120V)	36	5180	17.21	17.21	30.00	Pass 72		
		40	5220	18.95	18.95	30.00	Pass 80		
		44	5220	18.93	18.93	30.00	Pass 80		
		48	5240	18.75	18.75	30.00	Pass 80		
		149	5745	20.18	20.18	30.00	Pass 80		
		157	5785	19.57	19.57	30.00	Pass 80		
		165	5825	19.49	19.49	30.00	Pass 80		
Tnom (25°C)	Vnom (120V)	36	5180	17.44	17.44	30.00	Pass 72		
		40	5220	19.08	19.08	30.00	Pass 80		
		44	5220	19.07	19.07	30.00	Pass 80		
		48	5240	18.89	18.89	30.00	Pass 80		
		149	5745	20.40	20.40	30.00	Pass 80		
		157	5785	19.77	19.77	30.00	Pass 80		
		165	5825	19.69	19.69	30.00	Pass 80		
Tnom (25°C)	Vnom (120V)	38	5190	15.78	15.78	30.00	Pass 66		
		46	5230	18.77	18.77	30.00	Pass 80		
		151	5755	19.58	19.58	30.00	Pass 78		
		159	5795	19.12	19.12	30.00	Pass 78		
		Tnom (25°C)	Vnom (120V)	36	5180	17.30	17.30	30.00	Pass 72
				40	5220	18.95	18.95	30.00	Pass 80
				44	5220	18.77	18.77	30.00	Pass 80
48	5240			18.75	18.75	30.00	Pass 80		
149	5745			20.29	20.29	30.00	Pass 80		
157	5785			19.56	19.56	30.00	Pass 80		
165	5825			19.54	19.54	30.00	Pass 80		
Tnom (25°C)	Vnom (120V)	38	5190	15.90	15.90	30.00	Pass 66		
		46	5230	18.97	18.97	30.00	Pass 80		
		151	5755	19.72	19.72	30.00	Pass 78		
		159	5795	19.28	19.28	30.00	Pass 78		
		Tnom (25°C)	Vnom (120V)	42	5210	17.57	17.57	30.00	Pass 70
				155	5775	18.97	18.97	30.00	Pass 76
				Tnom (25°C)	Vnom (120V)	36	5180	17.54	17.54
40	5220					19.25	19.25	30.00	Pass 80
44	5220					19.02	19.02	30.00	Pass 80
48	5240					19.05	19.05	30.00	Pass 80
149	5745					20.46	20.46	30.00	Pass 80
157	5785	19.84	19.84			30.00	Pass 80		
165	5825	19.79	19.79			30.00	Pass 80		
Tnom (25°C)	Vnom (120V)	38	5190	15.78	15.78	30.00	Pass 66		
		46	5230	18.77	18.77	30.00	Pass 80		
		151	5755	19.50	19.50	30.00	Pass 78		
		159	5795	19.05	19.05	30.00	Pass 78		
		Tnom (25°C)	Vnom (120V)	42	5210	17.41	17.41	30.00	Pass 70
				155	5775	18.87	18.87	30.00	Pass 76

FCC 5GHz Power Table-Radio 2



Standard:		FCC Part 15.407	Test Date:	2019.10.21	Temperature:	25°C	Humidity:	55%RH				
Project No.:		1992128R		Product Name:	Wireless Access point		Model Name:	AP410C	Test Site:	TR8		
Antenna Gain(dBi)		Ant 1	4.50	Ant 2	4.70							
2/2 CDD-Directional Gain-Power(dBi)		4.70		2/2 BF-Directional Gain-Power(dBi)		7.71						
Operating temperature range:		Low	0°C	Nor	25°C	High	40°C	Test Engineer	Pawn			
Test Eng:		Pawn										
Antenna Technology:		SISO										
Mode:		802.11a	Data Rate:	6Mbps	Conducted power SISO mode					Power Index		
Test Conditions		Channel	Frequency (MHz)	Ant 1 Reading Level Avg. (dBm)	Ant 2 Reading Level Avg. (dBm)	Total Power Avg. (dBm)		Limit Avg. (dBm)	Pass/Fail	Ant 1	Ant 2	
Tnom (25°C)	Vnom (120V)	36	5180	18.31	18.24	18.31		18.24	30.00	Pass	77	77
		40	5200	19.46	19.25	19.46		19.25	30.00	Pass	80	80
		44	5220	19.24	19.11	19.24		19.11	30.00	Pass	80	80
		48	5240	18.83	18.57	18.83		18.57	30.00	Pass	80	80
Mode:		802.11n(20MHz)	Data Rate:	MCS0	Conducted power SISO mode					Power Index		
Test Conditions		Channel	Frequency (MHz)	Ant 1 Reading Level Avg. (dBm)	Ant 2 Reading Level Avg. (dBm)	Total Power Avg. (dBm)		Limit Avg. (dBm)	Pass/Fail	Ant 1	Ant 2	
Tnom (25°C)	Vnom (120V)	36	5180	18.51	18.45	18.51		18.45	30.00	Pass	77	77
		40	5200	19.68	19.39	19.68		19.39	30.00	Pass	80	80
		44	5220	19.41	19.32	19.41		19.32	30.00	Pass	80	80
		48	5240	18.97	18.76	18.97		18.76	30.00	Pass	80	80
Mode:		802.11n(40MHz)	Data Rate:	MCS0	Conducted power SISO mode					Power Index		
Test Conditions		Channel	Frequency (MHz)	Ant 1 Reading Level Avg. (dBm)	Ant 2 Reading Level Avg. (dBm)	Total Power Avg. (dBm)		Limit Avg. (dBm)	Pass/Fail	Ant 1	Ant 2	
Tnom (25°C)	Vnom (120V)	36	5180	16.26	16.45	16.26		16.45	30.00	Pass	70	70
		40	5200	18.32	18.13	18.32		18.13	30.00	Pass	80	80
		44	5220	19.16	19.11	19.16		19.11	30.00	Pass	80	80
		48	5240	18.73	18.52	18.73		18.52	30.00	Pass	80	80
Mode:		802.11ac(20MHz)	Data Rate:	MCS0NSS1	Conducted power SISO mode					Power Index		
Test Conditions		Channel	Frequency (MHz)	Ant 1 Reading Level Avg. (dBm)	Ant 2 Reading Level Avg. (dBm)	Total Power Avg. (dBm)		Limit Avg. (dBm)	Pass/Fail	Ant 1	Ant 2	
Tnom (25°C)	Vnom (120V)	36	5180	18.36	18.34	18.36		18.34	30.00	Pass	77	77
		40	5200	19.57	19.25	19.57		19.25	30.00	Pass	80	80
		44	5220	19.16	19.11	19.16		19.11	30.00	Pass	80	80
		48	5240	18.73	18.52	18.73		18.52	30.00	Pass	80	80
Mode:		802.11ac(40MHz)	Data Rate:	MCS0NSS1	Conducted power SISO mode					Power Index		
Test Conditions		Channel	Frequency (MHz)	Ant 1 Reading Level Avg. (dBm)	Ant 2 Reading Level Avg. (dBm)	Total Power Avg. (dBm)		Limit Avg. (dBm)	Pass/Fail	Ant 1	Ant 2	
Tnom (25°C)	Vnom (120V)	36	5180	16.41	16.57	16.41		16.57	30.00	Pass	70	70
		40	5200	18.44	18.24	18.44		18.24	30.00	Pass	80	80
		44	5220	19.69	16.41	19.69		16.41	30.00	Pass	68	68
		48	5240	18.89	18.89	18.89		18.89	30.00	Pass	80	80
Mode:		802.11ax(20MHz)	Data Rate:	HE0NSS1	Conducted power SISO mode					Power Index		
Test Conditions		Channel	Frequency (MHz)	Ant 1 Reading Level Avg. (dBm)	Ant 2 Reading Level Avg. (dBm)	Total Power Avg. (dBm)		Limit Avg. (dBm)	Pass/Fail	Ant 1	Ant 2	
Tnom (25°C)	Vnom (120V)	36	5180	18.60	18.49	18.60		18.49	30.00	Pass	77	77
		40	5200	19.74	19.46	19.74		19.46	30.00	Pass	80	80
		44	5220	19.38	19.25	19.38		19.25	30.00	Pass	80	80
		48	5240	18.89	18.89	18.89		18.89	30.00	Pass	80	80
Mode:		802.11ax(40MHz)	Data Rate:	HE0NSS1	Conducted power SISO mode					Power Index		
Test Conditions		Channel	Frequency (MHz)	Ant 1 Reading Level Avg. (dBm)	Ant 2 Reading Level Avg. (dBm)	Total Power Avg. (dBm)		Limit Avg. (dBm)	Pass/Fail	Ant 1	Ant 2	
Tnom (25°C)	Vnom (120V)	36	5180	18.26	18.38	18.26		18.38	30.00	Pass	70	70
		40	5200	19.20	18.20	19.20		18.20	30.00	Pass	80	80
		44	5220	19.45	16.20	19.45		16.20	30.00	Pass	68	68
		48	5240	18.45	18.45	18.45		18.45	30.00	Pass	80	80
Mode:		802.11ax(80MHz)	Data Rate:	HE0NSS1	Conducted power SISO mode					Power Index		
Test Conditions		Channel	Frequency (MHz)	Ant 1 Reading Level Avg. (dBm)	Ant 2 Reading Level Avg. (dBm)	Total Power Avg. (dBm)		Limit Avg. (dBm)	Pass/Fail	Ant 1	Ant 2	
Tnom (25°C)	Vnom (120V)	42	5210	16.69	16.41	16.69		16.41	30.00	Pass	68	68
		44	5220	18.60	18.60	18.60		18.60	30.00	Pass	77	77
		46	5230	19.74	19.46	19.74		19.46	30.00	Pass	80	80
		48	5240	18.89	18.89	18.89		18.89	30.00	Pass	80	80
Mode:		802.11ax(80MHz)	Data Rate:	HE0NSS1	Conducted power SISO mode					Power Index		
Test Conditions		Channel	Frequency (MHz)	Ant 1 Reading Level Avg. (dBm)	Ant 2 Reading Level Avg. (dBm)	Total Power Avg. (dBm)		Limit Avg. (dBm)	Pass/Fail	Ant 1	Ant 2	
Tnom (25°C)	Vnom (120V)	36	5180	18.26	18.38	18.26		18.38	30.00	Pass	70	70
		40	5200	19.20	18.20	19.20		18.20	30.00	Pass	80	80
		44	5220	19.45	16.20	19.45		16.20	30.00	Pass	68	68
		48	5240	18.45	18.45	18.45		18.45	30.00	Pass	80	80
Antenna Technology:		CDD 2/2										
Mode:		802.11a	Data Rate:	6Mbps	Conducted power MIMO Mode(2TX+2RX)					Power Index		
Test Conditions		Channel	Frequency (MHz)	Ant 1+2 Reading Level Avg. (dBm)	Total Power Avg. (dBm (Ant 1+2))		Limit Avg. (dBm)	Pass/Fail	Ant 1	Ant 2		
Tnom (25°C)	Vnom (120V)	36	5180	14.94	14.67		17.62	30.00	Pass	66	66	
		40	5200	18.32	18.17		21.26	30.00	Pass	80	80	
		44	5220	18.87	18.54		21.72	30.00	Pass	80	80	
		48	5240	18.48	18.25		21.38	30.00	Pass	80	80	
Mode:		802.11n(20MHz)	Data Rate:	MCS0	Conducted power MIMO Mode(2TX+2RX)					Power Index		
Test Conditions		Channel	Frequency (MHz)	Ant 1+2 Reading Level Avg. (dBm)	Total Power Avg. (dBm (Ant 1+2))		Limit Avg. (dBm)	Pass/Fail	Ant 1	Ant 2		
Tnom (25°C)	Vnom (120V)	36	5180	15.08	14.55		17.58	30.00	Pass	66	66	
		40	5200	18.54	18.28		21.42	30.00	Pass	80	80	
		44	5220	19.11	18.71		21.92	30.00	Pass	80	80	
		48	5240	18.64	18.41		21.54	30.00	Pass	80	80	
Mode:		802.11n(40MHz)	Data Rate:	MCS0	Conducted power MIMO Mode(2TX+2RX)					Power Index		
Test Conditions		Channel	Frequency (MHz)	Ant 1+2 Reading Level Avg. (dBm)	Total Power Avg. (dBm (Ant 1+2))		Limit Avg. (dBm)	Pass/Fail	Ant 1	Ant 2		
Tnom (25°C)	Vnom (120V)	36	5180	14.33	14.08		17.22	30.00	Pass	61	61	
		40	5200	18.37	18.23		21.51	30.00	Pass	80	80	
		44	5220	19.11	18.71		21.92	30.00	Pass	80	80	
		48	5240	18.52	18.23		21.38	30.00	Pass	80	80	
Mode:		802.11ac(20MHz)	Data Rate:	MCS0NSS1	Conducted power MIMO Mode(2TX+2RX)					Power Index		
Test Conditions		Channel	Frequency (MHz)	Ant 1+2 Reading Level Avg. (dBm)	Total Power Avg. (dBm (Ant 1+2))		Limit Avg. (dBm)	Pass/Fail	Ant 1	Ant 2		
Tnom (25°C)	Vnom (120V)	36	5180	14.96	14.60		17.73	30.00	Pass	66	66	
		40	5200	18.29	18.03		21.17	30.00	Pass	80	80	
		44	5220	18.92	18.49		21.72	30.00	Pass	80	80	
		48	5240	18.52	18.23		21.38	30.00	Pass	80	80	
Mode:		802.11ac(40MHz)	Data Rate:	MCS0NSS1	Conducted power MIMO Mode(2TX+2RX)					Power Index		
Test Conditions		Channel	Frequency (MHz)	Ant 1+2 Reading Level Avg. (dBm)	Total Power Avg. (dBm (Ant 1+2))		Limit Avg. (dBm)	Pass/Fail	Ant 1	Ant 2		
Tnom (25°C)	Vnom (120V)	36	5180	14.58	14.27		17.44	30.00	Pass	61	61	
		40	5200	18.57	18.47		21.53	30.00	Pass	80	80	
		44	5220	19.11	18.71		21.92	30.00	Pass	80	80	
		48	5240	18.52	18.23		21.38	30.00	Pass	80	80	
Mode:		802.11ac(80MHz)	Data Rate:	HE0NSS1	Conducted power MIMO Mode(2TX+2RX)					Power Index		
Test Conditions		Channel	Frequency (MHz)	Ant 1+2 Reading Level Avg. (dBm)	Total Power Avg. (dBm (Ant 1+2))		Limit Avg. (dBm)	Pass/Fail	Ant 1	Ant 2		
Tnom (25°C)	Vnom (120V)	42	5210	14.49	14.76		17.64	30.00	Pass	61	61	
		44	5220	18.60	18.60		18.60	30.00	Pass	77	77	
		46	5230	19.74	19.46		19.46	30.00	Pass	80	80	
		48	5240	18.89	18.89		18.89	30.00	Pass	80	80	
Mode:		802.11ax(20MHz)	Data Rate:	HE0NSS1	Conducted power MIMO Mode(2TX+2RX)					Power Index		
Test Conditions		Channel	Frequency (MHz)	Ant 1+2 Reading Level Avg. (dBm)	Total Power Avg. (dBm (Ant 1+2))		Limit Avg. (dBm)	Pass/Fail	Ant 1	Ant 2		
Tnom (25°C)	Vnom (120V)	36	5180	15.14	14.83		18.00	30.00	Pass	66	66	

Tnom (25°C)	Vnom (120V)	40	5200	18.46		18.20		21.34	30.00	Pass	80	80
		44	5220	19.05		18.65		21.86	30.00	Pass	80	80
		48	5240	18.95		18.53		21.50	30.00	Pass	80	80
Mode: 802.11ax(40MHz)	Data Rate: HE0NSS1	Conducted power MIMO Mode(2TX+2RX)										
		Test Conditions	Channel	Ant 1+2		Total Power		Limit		Power Index		
				Reading Level	Avg. (dBm)	Avg. (dBm) (Ant 1+2)	Avg. (dBm)	Pass/Fail				
(MHz)	Ant 1	Ant 2	Avg. (dBm) (Ant 1+2)	Avg. (dBm)	Pass/Fail	Ant 1	Ant 2					
Tnom (25°C)	Vnom (120V)	38	5190	14.39		14.11		17.26	30.00	Pass	61	61
		46	5230	18.46		18.36		21.42	30.00	Pass	80	80
Mode: 802.11ax(80MHz)	Data Rate: HE0NSS1	Conducted power MIMO Mode(2TX+2RX)										
		Test Conditions	Channel	Ant 1+2		Total Power		Limit		Power Index		
				Reading Level	Avg. (dBm)	Avg. (dBm) (Ant 1+2)	Avg. (dBm)	Pass/Fail				
(MHz)	Ant 1	Ant 2	Avg. (dBm) (Ant 1+2)	Avg. (dBm)	Pass/Fail	Ant 1	Ant 2					
Tnom (25°C)	Vnom (120V)	42	5210	14.36		14.61		17.50	30.00	Pass	61	61

Antenna Technology												
Beamforming 2/2												
Mode: 802.11n(20MHz)	Data Rate: MCS0	Conducted power MIMO Mode(2TX+2RX)										
		Test Conditions	Channel	Ant 1+2		Total Power		Limit		Power Index		
				Reading Level	Avg. (dBm)	Avg. (dBm) (Ant 1+2)	Avg. (dBm)	Pass/Fail				
(MHz)	Ant 1	Ant 2	Avg. (dBm) (Ant 1+2)	Avg. (dBm)	Pass/Fail	Ant 1	Ant 2					
Tnom (25°C)	Vnom (120V)	36	5180	14.44		14.31		17.39	28.29	Pass	64	64
		40	5200	17.98		17.67		20.84	28.29	Pass	78	78
		44	5220	18.51		18.10		21.32	28.29	Pass	78	78
		48	5240	18.00		17.87		20.95	28.29	Pass	78	78
Mode: 802.11n(40MHz)	Data Rate: MCS0	Conducted power MIMO Mode(2TX+2RX)										
		Test Conditions	Channel	Ant 1+2		Total Power		Limit		Power Index		
				Reading Level	Avg. (dBm)	Avg. (dBm) (Ant 1+2)	Avg. (dBm)	Pass/Fail				
(MHz)	Ant 1	Ant 2	Avg. (dBm) (Ant 1+2)	Avg. (dBm)	Pass/Fail	Ant 1	Ant 2					
Tnom (25°C)	Vnom (120V)	38	5190	13.70		13.55		16.64	28.29	Pass	59	59
		46	5230	17.73		17.66		20.71	28.29	Pass	78	78
Mode: 802.11ac(20MHz)	Data Rate: MCS0NSS1	Conducted power MIMO Mode(2TX+2RX)										
		Test Conditions	Channel	Ant 1+2		Total Power		Limit		Power Index		
				Reading Level	Avg. (dBm)	Avg. (dBm) (Ant 1+2)	Avg. (dBm)	Pass/Fail				
(MHz)	Ant 1	Ant 2	Avg. (dBm) (Ant 1+2)	Avg. (dBm)	Pass/Fail	Ant 1	Ant 2					
Tnom (25°C)	Vnom (120V)	36	5180	14.34		14.06		17.21	28.29	Pass	64	64
		40	5200	17.71		17.41		20.57	28.29	Pass	78	78
		44	5220	18.36		17.87		21.18	28.29	Pass	78	78
		48	5240	17.87		17.67		20.75	28.29	Pass	78	78
Mode: 802.11ac(40MHz)	Data Rate: MCS0NSS1	Conducted power MIMO Mode(2TX+2RX)										
		Test Conditions	Channel	Ant 1+2		Total Power		Limit		Power Index		
				Reading Level	Avg. (dBm)	Avg. (dBm) (Ant 1+2)	Avg. (dBm)	Pass/Fail				
(MHz)	Ant 1	Ant 2	Avg. (dBm) (Ant 1+2)	Avg. (dBm)	Pass/Fail	Ant 1	Ant 2					
Tnom (25°C)	Vnom (120V)	38	5190	14.03		13.69		16.87	28.29	Pass	59	59
		46	5230	17.99		17.91		20.96	28.29	Pass	78	78
Mode: 802.11ac(80MHz)	Data Rate: MCS0NSS1	Conducted power MIMO Mode(2TX+2RX)										
		Test Conditions	Channel	Ant 1+2		Total Power		Limit		Power Index		
				Reading Level	Avg. (dBm)	Avg. (dBm) (Ant 1+2)	Avg. (dBm)	Pass/Fail				
(MHz)	Ant 1	Ant 2	Avg. (dBm) (Ant 1+2)	Avg. (dBm)	Pass/Fail	Ant 1	Ant 2					
Tnom (25°C)	Vnom (120V)	42	5210	13.96		14.21		17.10	28.29	Pass	59	59
Mode: 802.11ax(20MHz)	Data Rate: HE0NSS1	Conducted power MIMO Mode(2TX+2RX)										
		Test Conditions	Channel	Ant 1+2		Total Power		Limit		Power Index		
				Reading Level	Avg. (dBm)	Avg. (dBm) (Ant 1+2)	Avg. (dBm)	Pass/Fail				
(MHz)	Ant 1	Ant 2	Avg. (dBm) (Ant 1+2)	Avg. (dBm)	Pass/Fail	Ant 1	Ant 2					
Tnom (25°C)	Vnom (120V)	36	5180	14.49		14.24		17.38	28.29	Pass	64	64
		40	5200	17.85		17.67		20.77	28.29	Pass	78	78
		44	5220	18.50		18.08		21.31	28.29	Pass	78	78
		48	5240	18.03		17.68		20.87	28.29	Pass	78	78
Mode: 802.11ax(40MHz)	Data Rate: HE0NSS1	Conducted power MIMO Mode(2TX+2RX)										
		Test Conditions	Channel	Ant 1+2		Total Power		Limit		Power Index		
				Reading Level	Avg. (dBm)	Avg. (dBm) (Ant 1+2)	Avg. (dBm)	Pass/Fail				
(MHz)	Ant 1	Ant 2	Avg. (dBm) (Ant 1+2)	Avg. (dBm)	Pass/Fail	Ant 1	Ant 2					
Tnom (25°C)	Vnom (120V)	38	5190	13.83		13.57		16.71	28.29	Pass	59	59
		46	5230	17.90		17.82		20.87	28.29	Pass	78	78
Mode: 802.11ax(80MHz)	Data Rate: HE0NSS1	Conducted power MIMO Mode(2TX+2RX)										
		Test Conditions	Channel	Ant 1+2		Total Power		Limit		Power Index		
				Reading Level	Avg. (dBm)	Avg. (dBm) (Ant 1+2)	Avg. (dBm)	Pass/Fail				
(MHz)	Ant 1	Ant 2	Avg. (dBm) (Ant 1+2)	Avg. (dBm)	Pass/Fail	Ant 1	Ant 2					
Tnom (25°C)	Vnom (120V)	42	5210	13.83		14.10		16.58	28.29	Pass	59	59

Mode: HEONS1			MIMO Mode(4TX+4RX)				Power Index							
Test Conditions	Channel	Ant 3+5+6+7					Total Power	Limit	Power Index					
		Freq. (MHz)	Ant3 Reading Level (Avg. dBm)	Ant5 Reading Level (Avg. dBm)	Ant6 Reading Level (Avg. dBm)	Ant7 Reading Level (Avg. dBm)			Avg. (dBm) (Ant 3+5+6+7)	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5	Ant 6
Tnom (25°C)	Vnom (120V)	42	5210	10.16	9.97	9.73	9.90	15.96	30.00	Pass	43	43	43	43
		155	5775	14.88	14.84	14.68	14.78	20.82	30.00	Pass	60	60	60	60

Mode: 802.11n(20MHz)			MIMO Mode(2TX+2RX)				Power Index			
Test Conditions	Channel	Ant 3+5					Total Power	Limit	Power Index	
		Freq. (MHz)	Ant3 Reading Level (Avg. dBm)	Ant5 Reading Level (Avg. dBm)	Avg. (dBm) (Ant 3+5)	Avg. (dBm)			Pass/Fail	Ant 3
Tnom (25°C)	Vnom (120V)	36	5180	14.02	14.05	17.05	28.29	Pass	60	60
		40	5200	15.91	15.89	18.81	28.28	Pass	77	77
		44	5220	16.17	16.10	19.15	28.29	Pass	77	77
		48	5240	16.04	16.21	19.14	28.29	Pass	77	77
		149	5745	17.55	17.08	20.33	28.29	Pass	76	76
		157	5785	16.77	16.65	19.72	28.29	Pass	76	76
		165	5825	16.88	16.86	19.89	28.29	Pass	76	76

Mode: 802.11n(40MHz)			MIMO Mode(2TX+2RX)				Power Index			
Test Conditions	Channel	Ant 3+5					Total Power	Limit	Power Index	
		Freq. (MHz)	Ant3 Reading Level (Avg. dBm)	Ant5 Reading Level (Avg. dBm)	Avg. (dBm) (Ant 3+5)	Avg. (dBm)			Pass/Fail	Ant 3
Tnom (25°C)	Vnom (120V)	38	5190	12.44	12.41	15.44	28.29	Pass	51	51
		46	5230	16.09	15.79	18.95	28.29	Pass	70	70
		151	5755	17.49	17.41	20.46	28.29	Pass	74	74
		159	5795	17.66	17.51	20.60	28.29	Pass	74	74

Mode: 802.11ac(20MHz)			MIMO Mode(2TX+2RX)				Power Index			
Test Conditions	Channel	Ant 3+5					Total Power	Limit	Power Index	
		Freq. (MHz)	Ant3 Reading Level (Avg. dBm)	Ant5 Reading Level (Avg. dBm)	Avg. (dBm) (Ant 3+5)	Avg. (dBm)			Pass/Fail	Ant 3
Tnom (25°C)	Vnom (120V)	36	5180	13.85	13.76	16.82	28.29	Pass	60	60
		40	5200	15.73	15.52	18.64	28.29	Pass	77	77
		44	5220	15.87	16.01	18.95	28.29	Pass	77	77
		48	5240	15.89	15.78	18.65	28.29	Pass	77	77
		149	5745	17.27	16.81	20.06	28.29	Pass	76	76
		157	5785	16.63	16.53	19.59	28.29	Pass	76	76
		165	5825	16.76	16.60	19.69	28.29	Pass	76	76

Mode: 802.11ac(40MHz)			MIMO Mode(2TX+2RX)				Power Index			
Test Conditions	Channel	Ant 3+5					Total Power	Limit	Power Index	
		Freq. (MHz)	Ant3 Reading Level (Avg. dBm)	Ant5 Reading Level (Avg. dBm)	Avg. (dBm) (Ant 3+5)	Avg. (dBm)			Pass/Fail	Ant 3
Tnom (25°C)	Vnom (120V)	38	5190	12.63	12.70	15.68	28.29	Pass	51	51
		46	5230	15.41	14.94	18.19	28.29	Pass	70	70
		151	5755	17.58	17.83	20.72	28.29	Pass	74	74
		159	5795	17.87	17.75	20.82	28.29	Pass	74	74

Mode: 802.11ac(80MHz)			MIMO Mode(2TX+2RX)				Power Index			
Test Conditions	Channel	Ant 3+5					Total Power	Limit	Power Index	
		Freq. (MHz)	Ant3 Reading Level (Avg. dBm)	Ant5 Reading Level (Avg. dBm)	Avg. (dBm) (Ant 3+5)	Avg. (dBm)			Pass/Fail	Ant 3
Tnom (25°C)	Vnom (120V)	42	5210	12.21	11.83	15.08	28.29	Pass	53	53
		155	5775	16.92	16.94	19.94	28.29	Pass	70	70

Mode: 802.11ax(20MHz)			MIMO Mode(2TX+2RX)				Power Index			
Test Conditions	Channel	Ant 3+5					Total Power	Limit	Power Index	
		Freq. (MHz)	Ant3 Reading Level (Avg. dBm)	Ant5 Reading Level (Avg. dBm)	Avg. (dBm) (Ant 3+5)	Avg. (dBm)			Pass/Fail	Ant 3
Tnom (25°C)	Vnom (120V)	36	5180	13.99	14.20	17.11	28.29	Pass	60	60
		40	5200	15.89	15.66	18.79	28.29	Pass	77	77
		44	5220	16.24	16.22	19.24	28.29	Pass	77	77
		48	5240	15.92	16.08	19.01	28.29	Pass	77	77
		149	5745	17.57	16.99	20.30	28.29	Pass	76	76
		157	5785	16.93	16.61	19.78	28.29	Pass	76	76
		165	5825	16.84	16.70	19.78	28.29	Pass	76	76

Mode: 802.11ax(40MHz)			MIMO Mode(2TX+2RX)				Power Index			
Test Conditions	Channel	Ant 3+5					Total Power	Limit	Power Index	
		Freq. (MHz)	Ant3 Reading Level (Avg. dBm)	Ant5 Reading Level (Avg. dBm)	Avg. (dBm) (Ant 3+5)	Avg. (dBm)			Pass/Fail	Ant 3
Tnom (25°C)	Vnom (120V)	38	5190	12.72	12.68	15.70	28.29	Pass	51	51
		46	5230	13.27	15.16	18.23	28.29	Pass	70	70
		151	5755	17.66	17.88	20.78	28.29	Pass	74	74
		159	5795	17.88	17.72	20.81	28.29	Pass	74	74

Mode: 802.11ax(80MHz)			MIMO Mode(2TX+2RX)				Power Index			
Test Conditions	Channel	Ant 3+5					Total Power	Limit	Power Index	
		Freq. (MHz)	Ant3 Reading Level (Avg. dBm)	Ant5 Reading Level (Avg. dBm)	Avg. (dBm) (Ant 3+5)	Avg. (dBm)			Pass/Fail	Ant 3
Tnom (25°C)	Vnom (120V)	42	5210	12.28	12.05	15.18	28.29	Pass	53	53
		155	5775	17.16	17.02	20.10	28.29	Pass	70	70

Mode: 802.11n(20MHz)			MIMO Mode(4TX+4RX)				Power Index							
Test Conditions	Channel	Ant 3+5+6+7							Power Index					
		Freq. (MHz)	Ant3 Reading Level (Avg. dBm)	Ant5 Reading Level (Avg. dBm)	Ant6 Reading Level (Avg. dBm)	Ant7 Reading Level (Avg. dBm)	Avg. (dBm) (Ant 3+5+6+7)	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5	Ant 6	Ant 7	
Tnom (25°C)	Vnom (120V)	36	5180	11.21	11.24	10.76	10.99	17.07	28.28	Pass	48	48	48	48
		40	5200	13.26	13.01	12.88	12.89	19.03	28.28	Pass	58	58	58	58
		44	5220	13.26	13.46	12.92	13.05	19.20	28.28	Pass	58	58	58	58
		48	5240	13.36	13.34	12.96	13.09	19.22	28.28	Pass	58	58	58	58
		149	5745	17.50	17.23	17.00	17.14	22.64	28.28	Pass	74	74	74	74
		157	5785	17.11	17.06	16.71	16.93	22.98	28.28	Pass	74	74	74	74
		165	5825	17.14	17.00	16.82	16.86	22.98	28.28	Pass	74	74	74	74

Mode: 802.11n(40MHz)			MIMO Mode(4TX+4RX)				Power Index							
Test Conditions	Channel	Ant 3+5+6+7							Power Index					
		Freq. (MHz)	Ant3 Reading Level (Avg. dBm)	Ant5 Reading Level (Avg. dBm)	Ant6 Reading Level (Avg. dBm)	Ant7 Reading Level (Avg. dBm)	Avg. (dBm) (Ant 3+5+6+7)	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5	Ant 6	Ant 7	
Tnom (25°C)	Vnom (120V)	38	5190	9.73	9.66	9.56	9.47	15.63	28.28	Pass	39	39	39	39
		46	5230	13.27	13.11	12.97	12.96	19.10	28.28	Pass	54	54	54	54
		151	5755	16.71	16.70	16.45	16.45	22.60	28.28	Pass	72	72	72	72
		159	5795	16.88	16.70	16.68	16.49	22.71	28.28	Pass	72	72	72	72

Mode: 802.11ac(20MHz)			MIMO Mode(4TX+4RX)				Power Index							
Test Conditions	Channel	Ant 3+5+6+7							Power Index					
		Freq. (MHz)	Ant3 Reading Level (Avg. dBm)	Ant5 Reading Level (Avg. dBm)	Ant6 Reading Level (Avg. dBm)	Ant7 Reading Level (Avg. dBm)	Avg. (dBm) (Ant 3+5+6+7)	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5	Ant 6	Ant 7	
Tnom (25°C)	Vnom (120V)	36	5180	11.13	11.08	10.45	10.61	16.85	28.28	Pass	48	48	48	48
		40	5200	12.90	12.77	12.72	12.71	18.80	28.28	Pass	58	58	58	58
		44	5220	13.21	13.23	12.57	12.66	19.02	28.28	Pass	58	58	58	58
		48	5240	13.06	13.15	12.62	12.99	18.98	28.28	Pass	58	58	58	58
		149	5745	17.33	17.05	16.71	16.95	23.04	28.28	Pass	74	74	74	74
		157	5785	16.94	16.85	16.44	16.80	22.66	28.28	Pass	74	74	74	74
		165	5825	16.86	16.62	16.36	16.68	22.66	28.28	Pass	74	74	74	74

Mode: 802.11ac(40MHz)			MIMO Mode(4TX+4RX)				Power Index							
Test Conditions	Channel	Ant 3+5+6+7							Power Index					
		Freq. (MHz)	Ant3 Reading Level (Avg. dBm)	Ant5 Reading Level (Avg. dBm)	Ant6 Reading Level (Avg. dBm)	Ant7 Reading Level (Avg. dBm)	Avg. (dBm) (Ant 3+5+6+7)	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5	Ant 6	Ant 7	
Tnom (25°C)	Vnom (120V)	38	5190	9.87	9.83	9.81	9.67	15.82	28.28	Pass	39	39	39	39
		46	5230	12.44	12.21	12.20	12.23	18.29	28.28	Pass	54	54	54	54
		151	5755	16.93	16.82	16.67	16.51	22.76	28.28	Pass	72	72	72	72
		159	5795	16.89	16.93	16.91	16.68	22.67	28.28	Pass	72	72	72	72

Mode: 802.11ax(80MHz)			MIMO Mode(4TX+4RX)				Power Index					
Test Conditions	Channel	Ant 3+5+6+7							Power Index			
		Freq. (MHz)	Ant3 Reading Level (Avg. dBm)	Ant5 Reading Level (Avg. dBm)	Ant6 Reading Level (Avg. dBm)	Ant7 Reading Level (Avg. dBm)	Avg. (dBm) (Ant 3+5+6+7)	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5	Ant 6

Tnom (25°C)	Vnom (120V)	42	5210	9.40	9.29	9.06	8.99	15.21	25.28	Pass	41	41	41	41
		155	5775	14.24	14.08	13.90	14.04	20.09	25.28	Pass	58	58	58	58
Mode:	802.11ax(20MHz)	Data Rate:	HEONSS1	Conducted power MIMO Mode(4TX+4RX)										
Test Conditions	Channel	Ant 3+5+6+7				Total Power	Limit	Power Index						
		Frequency	Ant3	Ant5	Ant6							Ant7		
		(MHz)	Reading Level	Reading Level	Reading Level	Reading Level	Avg. (dBm)	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5	Ant 6	Ant 7	
Tnom (25°C)	Vnom (120V)	36	5180	11.27	11.34	10.78	10.88	17.69	25.28	Pass	48	48	48	48
		40	5200	13.14	13.03	12.98	12.82	19.01	25.28	Pass	58	58	58	58
		44	5220	13.34	13.43	12.70	13.16	19.19	25.28	Pass	58	58	58	58
		48	5240	13.29	13.25	12.89	13.19	18.18	25.28	Pass	58	58	58	58
		149	5745	17.61	17.15	16.99	17.17	23.26	25.28	Pass	74	74	74	74
		157	5785	17.08	16.84	16.70	16.95	22.92	25.28	Pass	74	74	74	74
		165	5825	16.86	16.98	16.81	16.81	22.84	25.28	Pass	74	74	74	74
Mode:	802.11ax(40MHz)	Data Rate:	HEONSS1	Conducted power MIMO Mode(4TX+4RX)										
Test Conditions	Channel	Ant 3+5+6+7				Total Power	Limit	Power Index						
		Frequency	Ant3	Ant5	Ant6							Ant7		
		(MHz)	Reading Level	Reading Level	Reading Level	Reading Level	Avg. (dBm)	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5	Ant 6	Ant 7	
Tnom (25°C)	Vnom (120V)	38	5190	9.85	9.80	9.66	9.61	15.75	25.28	Pass	39	39	39	39
		46	5230	12.57	12.30	12.08	12.12	18.29	25.28	Pass	54	54	54	54
		151	5755	16.87	16.94	16.88	16.59	22.79	25.28	Pass	72	72	72	72
		159	5795	17.15	17.07	16.79	16.73	22.96	25.28	Pass	72	72	72	72
Mode:	802.11ax(80MHz)	Data Rate:	HEONSS1	Conducted power MIMO Mode(4TX+4RX)										
Test Conditions	Channel	Ant 3+5+6+7				Total Power	Limit	Power Index						
		Frequency	Ant3	Ant5	Ant6							Ant7		
		(MHz)	Reading Level	Reading Level	Reading Level	Reading Level	Avg. (dBm)	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5	Ant 6	Ant 7	
Tnom (25°C)	Vnom (120V)	42	5210	9.58	9.45	9.20	9.27	15.40	25.28	Pass	41	41	41	41
		155	5775	14.28	14.20	14.14	14.15	20.21	25.28	Pass	58	58	58	58