

FCC 5GHz Power Table-Radio 1										
Standard:	FCC Part 15.407	Test Date:	2020.04.07	Temperature:	25℃		Humidity:	55%RH		
Project No. :	19A2144R			Product Name:	Wireless Access point		Model Name:	AP460C	Test Site:	TR8
Antenna Gain(dBi)		Ant 4	3.42							
Operating temperature range:		Low	-40℃	Nor	25℃	High	60℃	Test Engineer	Pawn	
Test Eng:	Pawn									
Antenna Technology:	SISO									
Mode:	802.11a	Data Rate:	6Mbps	Conducted power						Power Index
Test Conditions		Channel	Frequency	SISO mode		Total Power		Limit		
				Ant 4 Reading Level		Ant 4				
			(MHz)	Avg. (dBm)		Avg. (dBm)		Avg. (dBm)	Pass/Fail	Ant 4
Tnom (25℃)	Vnom (120V)	36	5180	16.53		16.53		30.00	Pass	70
		40	5200	17.29		17.29		30.00	Pass	74
		44	5220	17.35		17.35		30.00	Pass	74
		48	5240	17.27		17.27		30.00	Pass	74
		52	5260	19.22		19.22		24.00	Pass	80
		60	5300	19.03		19.03		24.00	Pass	80
		64	5320	17.52		17.52		24.00	Pass	75
		100	5500	18.95		18.95		24.00	Pass	80
		104	5520	18.92		18.92		24.00	Pass	80
		116	5580	18.97		18.97		24.00	Pass	80
		140	5700	19.41		19.41		24.00	Pass	80
		149	5745	19.93		19.93		30.00	Pass	80
		157	5785	19.65		19.65		30.00	Pass	80
		165	5825	19.52		19.52		30.00	Pass	80
Mode:	802.11n(20MHz)	Data Rate:	MCS0	Conducted power						Power Index
Test Conditions		Channel	Frequency	SISO mode		Total Power		Limit		
				Ant 4 Reading Level		Ant 4				
			(MHz)	Avg. (dBm)		Avg. (dBm)		Avg. (dBm)	Pass/Fail	Ant 4
Tnom (25℃)	Vnom (120V)	36	5180	16.55		16.55		30.00	Pass	70
		40	5200	17.50		17.50		30.00	Pass	74
		44	5220	17.39		17.39		30.00	Pass	74
		48	5240	17.33		17.33		30.00	Pass	74
		52	5260	19.18		19.18		24.00	Pass	80
		60	5300	19.01		19.01		24.00	Pass	80
		64	5320	17.21		17.21		24.00	Pass	74
		100	5500	18.92		18.92		24.00	Pass	80
		104	5520	18.91		18.91		24.00	Pass	80
		116	5580	18.87		18.87		24.00	Pass	80
		140	5700	19.31		19.31		24.00	Pass	80
		149	5745	19.99		19.99		30.00	Pass	80
		157	5785	19.90		19.90		30.00	Pass	80
		165	5825	19.85		19.85		30.00	Pass	80
Mode:	802.11n(40MHz)	Data Rate:	MCS0	Conducted power						Power Index
Test Conditions		Channel	Frequency	SISO mode		Total Power		Limit		
				Ant 4 Reading Level		Ant 4				
			(MHz)	Avg. (dBm)		Avg. (dBm)		Avg. (dBm)	Pass/Fail	Ant 4
Tnom (25℃)	Vnom (120V)	38	5190	15.22		15.22		30.00	Pass	64
		46	5230	17.36		17.36		30.00	Pass	74
		52	5270	18.79		18.79		24.00	Pass	80
		60	5310	16.49		16.49		24.00	Pass	71
		102	5510	18.23		18.23		24.00	Pass	79
		110	5550	19.24		19.24		24.00	Pass	80
		134	5670	19.44		19.44		24.00	Pass	80
		151	5755	19.68		19.68		30.00	Pass	78
		159	5795	19.18		19.18		30.00	Pass	78
Mode:	802.11ac(20MHz)	Data Rate:	MCS0NSS1	Conducted power						Power Index
Test Conditions		Channel	Frequency	SISO mode		Total Power		Limit		
				Ant 4 Reading Level		Ant 4				

Test Conditions		Channel	(MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Pass/Fail	Ant 4
Tnom (25 °C)	Vnom (120V)	36	5180	16.94	16.94	30.00	Pass	70
		40	5200	17.53	17.53	30.00	Pass	70
		44	5220	17.51	17.51	30.00	Pass	74
		48	5240	17.43	17.43	24.00	Pass	74
		52	5260	19.15	19.15	24.00	Pass	74
		60	5300	18.90	18.90	24.00	Pass	80
		64	5320	17.35	17.35	24.00	Pass	80
		100	5500	18.95	18.95	24.00	Pass	74
		104	5520	18.78	18.78	24.00	Pass	80
		116	5580	18.89	18.89	24.00	Pass	80
		140	5700	19.30	19.30	30.00	Pass	80
		149	5745	19.78	19.78	30.00	Pass	80
		157	5785	19.73	19.73	30.00	Pass	80
		165	5825	19.67	19.67	30.00	Pass	80
Mode:	802.11ac(40MHz)	Data Rate:	MCS0NSS1	Conducted power				Power Index
				SISO mode				
Test Conditions		Channel	Frequency	Ant 4		Limit		
				Reading Level		Ant 4		
			(MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Pass/Fail	Ant 4
Tnom (25 °C)	Vnom (120V)	38	5190	15.52	15.52	30.00	Pass	64
		46	5230	17.42	17.42	30.00	Pass	74
		52	5270	18.77	18.77	24.00	Pass	80
		60	5310	16.37	16.37	24.00	Pass	71
		102	5510	18.21	18.21	24.00	Pass	79
		110	5550	19.19	19.19	24.00	Pass	80
		134	5670	19.42	19.42	24.00	Pass	80
		151	5755	19.80	19.80	30.00	Pass	78
		159	5795	19.34	19.34	30.00	Pass	78
Mode:	802.11ac(80MHz)	Data Rate:	MCS0NSS1	Conducted power				Power Index
				SISO mode				
Test Conditions		Channel	Frequency	Ant 4		Limit		
				Reading Level		Ant 4		
			(MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Pass/Fail	Ant 4
Tnom (25 °C)	Vnom (120V)	42	5210	16.57	16.57	30.00	Pass	66
		58	5290	16.78	16.78	24.00	Pass	68
		106	5530	18.13	18.13	24.00	Pass	74
		122	5610	19.65	19.65	24.00	Pass	80
		155	5775	18.39	18.39	30.00	Pass	74
Mode:	802.11ax(20MHz)	Data Rate:	HE0NSS1	Conducted power				Power Index
				SISO mode				
Test Conditions		Channel	Frequency	Ant 4		Limit		
				Reading Level		Ant 4		
			(MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Pass/Fail	Ant 4
Tnom (25 °C)	Vnom (120V)	36	5180	16.96	16.96	30.00	Pass	70
		40	5200	17.41	17.41	30.00	Pass	74
		44	5220	17.44	17.44	30.00	Pass	74
		48	5240	17.47	17.47	30.00	Pass	74
		52	5260	19.08	19.08	24.00	Pass	80
		60	5300	18.92	18.92	24.00	Pass	80
		64	5320	17.38	17.38	24.00	Pass	74
		100	5500	18.80	18.80	24.00	Pass	80
		104	5520	18.83	18.83	24.00	Pass	80
		116	5580	18.92	18.92	24.00	Pass	80
		140	5700	19.25	19.25	24.00	Pass	80
		149	5745	19.93	19.93	30.00	Pass	80
		157	5785	19.98	19.98	30.00	Pass	80
		165	5825	19.82	19.82	30.00	Pass	80
Mode:	802.11ax(40MHz)	Data Rate:	HE0NSS1	Conducted power				Power Index
				SISO mode				
Test Conditions		Channel	Frequency	Ant 4		Limit		
				Reading Level		Ant 4		
			(MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Pass/Fail	Ant 4
Tnom (25 °C)	Vnom (120V)	38	5190	15.56	15.56	30.00	Pass	64
		46	5230	17.39	17.39	30.00	Pass	74
		52	5270	18.68	18.68	24.00	Pass	80
		60	5310	16.30	16.30	24.00	Pass	71
		102	5510	18.11	18.11	24.00	Pass	79
		110	5550	19.08	19.08	24.00	Pass	80

		134	5670	19.38		19.38		24.00	Pass	80
		151	5755	19.59		19.59		30.00	Pass	78
		159	5795	19.09		19.09		30.00	Pass	78
Mode:	802.11ax(80MHz)	Data Rate:	HE0NSS1	Conducted power						Power Index
				SISO mode						
				Ant 4		Total Power		Limit		
Test Conditions		Channel	Frequency	Reading Level		Ant 4				Ant 4
			(MHz)	Avg. (dBm)		Avg. (dBm)		Avg. (dBm)	Pass/Fail	
Tnom (25 °C)	Vnom (120V)	42	5210	16.51						66
		58	5290	16.71						68
		106	5530	18.02						74
		122	5610	19.47						80
		155	5775	18.36						74

FCC 5GHz Power Table-Radio 2															
Standard:	FCC Part 15.407	Test Date:	2020.04.07	Temperature:	25℃		Humidity:	55%RH							
Project No. :	19A2144R			Product Name:	Wireless Access point		Model Name:	AP460C	Test Site:	TR8					
Antenna Gain(dBi)		Ant 1	3.56	Ant 2	3.51										
2*2 CDD-Directional Gain-Power(dBi)		3.56		2*2 BF-Directional Gain-Power(dBi)		6.57									
Operating temperature range:		Low	-40℃	Nor	25℃	High	60℃	Test Engineer	Pawn						
Test Eng:	Pawn														
Antenna Technology:	SISO														
Mode:	802.11a	Data Rate:	6Mbps	Conducted power SISO mode						Power Index					
				Ant 1		Ant 2		Total Power				Limit			
Test Conditions		Channel	Frequency (MHz)	Reading Level		Reading Level		Ant 1		Ant 2		Avg. (dBm)	Pass/Fail	Ant 1	Ant 2
				Avg. (dBm)		Avg. (dBm)		Avg. (dBm)		Avg. (dBm)					
Tnom (25℃)	Vnom (120V)	36	5180	17.97		17.66		17.97		17.66		30.00	Pass	75	75
		40	5200	18.81		17.72		18.81		17.72		30.00	Pass	80	80
		44	5220	18.66		17.52		18.66		17.52		30.00	Pass	80	80
		48	5240	18.59		17.59		18.59		17.59		30.00	Pass	80	80
		52	5260	19.56		19.42		19.56		19.42		24.00	Pass	80	80
		60	5300	19.39		19.25		19.39		19.25		24.00	Pass	80	80
		64	5320	17.18		17.06		17.18		17.06		24.00	Pass	71	71
Mode:	802.11n(20MHz)	Data Rate:	MCS0	Conducted power SISO mode						Power Index					
				Ant 1		Ant 2		Total Power				Limit			
Test Conditions		Channel	Frequency (MHz)	Reading Level		Reading Level		Ant 1		Ant 2		Avg. (dBm)	Pass/Fail	Ant 1	Ant 2
				Avg. (dBm)		Avg. (dBm)		Avg. (dBm)		Avg. (dBm)					
Tnom (25℃)	Vnom (120V)	36	5180	18.07		17.63		18.07		17.63		30.00	Pass	75	75
		40	5200	18.52		17.49		18.52		17.49		30.00	Pass	76	76
		44	5220	18.45		17.44		18.45		17.44		30.00	Pass	76	76
		48	5240	18.56		17.73		18.56		17.73		30.00	Pass	76	76
		52	5260	19.54		19.24		19.54		19.24		24.00	Pass	80	80
		60	5300	19.31		19.23		19.31		19.23		24.00	Pass	80	80
		64	5320	17.05		17.02		17.05		17.02		24.00	Pass	70	70
Mode:	802.11n(40MHz)	Data Rate:	MCS0	Conducted power SISO mode						Power Index					
				Ant 1		Ant 2		Total Power				Limit			
Test Conditions		Channel	Frequency (MHz)	Reading Level		Reading Level		Ant 1		Ant 2		Avg. (dBm)	Pass/Fail	Ant 1	Ant 2
				Avg. (dBm)		Avg. (dBm)		Avg. (dBm)		Avg. (dBm)					
Tnom (25℃)	Vnom (120V)	38	5190	15.64		15.46		15.64		15.46		30.00	Pass	66	66
		46	5230	18.65		17.55		18.65		17.55		30.00	Pass	78	78
		54	5270	19.13		19.02		19.13		19.02		24.00	Pass	80	80
		62	5310	15.71		15.56		15.71		15.56		24.00	Pass	66	66
Mode:	802.11ac(20MHz)	Data Rate:	MCS0NSS1	Conducted power SISO mode						Power Index					
				Ant 1		Ant 2		Total Power				Limit			
Test Conditions		Channel	Frequency (MHz)	Reading Level		Reading Level		Ant 1		Ant 2		Avg. (dBm)	Pass/Fail	Ant 1	Ant 2
				Avg. (dBm)		Avg. (dBm)		Avg. (dBm)		Avg. (dBm)					
Tnom (25℃)	Vnom (120V)	36	5180	18.12		17.13		18.12		17.13		30.00	Pass	75	75
		40	5200	18.51		17.54		18.51		17.54		30.00	Pass	76	76
		44	5220	18.54		17.47		18.54		17.47		30.00	Pass	76	76
		48	5240	18.56		17.56		18.56		17.56		30.00	Pass	76	76
		52	5260	19.50		19.39		19.50		19.39		24.00	Pass	80	80
		60	5300	19.32		19.21		19.32		19.21		24.00	Pass	80	80
		64	5320	17.03		16.89		17.03		16.89		24.00	Pass	70	70
Mode:	802.11ac(40MHz)	Data Rate:	MCS0NSS1	Conducted power SISO mode						Power Index					
				Ant 1		Ant 2		Total Power				Limit			
				Reading Level		Reading Level		Ant 1		Ant 2					



Test Conditions		Channel	(MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Pass/Fail	Ant 1	Ant 2						
Tnom (25 °C)	Vnom (120V)	38	5190	15.68	15.49	15.68	15.49	30.00	Pass	66	66						
		46	5230	18.58	17.43	18.58	17.43	30.00	Pass	78	78						
		54	5270	18.94	18.82	18.94	18.82	24.00	Pass	80	80						
		62	5310	15.62	15.54	15.62	15.54	24.00	Pass	66	66						
Mode:	802.11ac(80MHz)	Data Rate:	MCS0NSS1	Conducted power SISO mode						Power Index							
Test Conditions		Channel	Frequency	Ant 1		Ant 2		Total Power				Limit					
			(MHz)	Reading Level		Reading Level		Ant 1				Ant 2		Avg. (dBm)		Pass/Fail	
Tnom (25 °C)	Vnom (120V)	42	5210	16.51	16.39	16.51	16.39	30.00	Pass	68	68						
		58	5290	15.29	15.21	15.29	15.21	24.00	Pass	64	64						
Mode:	802.11ax(20MHz)	Data Rate:	HE0NSS1	Conducted power SISO mode						Power Index							
Test Conditions		Channel	Frequency	Ant 1		Ant 2		Total Power				Limit					
			(MHz)	Reading Level		Reading Level		Ant 1				Ant 2		Avg. (dBm)		Pass/Fail	
Tnom (25 °C)	Vnom (120V)	36	5180	18.08	17.24	18.08	17.24	30.00	Pass	75	75						
		40	5200	18.75	17.52	18.75	17.52	30.00	Pass	76	73						
		44	5220	18.55	17.58	18.55	17.58	30.00	Pass	76	73						
		48	5240	18.50	17.62	18.50	17.62	30.00	Pass	76	73						
		52	5260	19.51	19.21	19.51	19.21	24.00	Pass	80	80						
		60	5300	19.18	19.06	19.18	19.06	24.00	Pass	80	80						
		64	5320	17.13	17.05	17.13	17.05	24.00	Pass	70	70						
Mode:	802.11ax(40MHz)	Data Rate:	HE0NSS1	Conducted power SISO mode						Power Index							
Test Conditions		Channel	Frequency	Ant 1		Ant 2		Total Power				Limit					
			(MHz)	Reading Level		Reading Level		Ant 1				Ant 2		Avg. (dBm)		Pass/Fail	
Tnom (25 °C)	Vnom (120V)	38	5190	15.70	15.45	15.70	15.45	30.00	Pass	66	66						
		46	5230	18.53	17.42	18.53	17.42	30.00	Pass	78	76						
		54	5270	19.10	18.86	19.10	18.86	24.00	Pass	80	80						
		62	5310	15.62	15.42	15.62	15.42	24.00	Pass	66	66						
Mode:	802.11ax(80MHz)	Data Rate:	HE0NSS1	Conducted power SISO mode						Power Index							
Test Conditions		Channel	Frequency	Ant 1		Ant 2		Total Power				Limit					
			(MHz)	Reading Level		Reading Level		Ant 1				Ant 2		Avg. (dBm)		Pass/Fail	
Tnom (25 °C)	Vnom (120V)	42	5210	16.42	16.22	16.42	16.22	30.00	Pass	68	68						
		58	5290	15.32	15.25	15.32	15.25	24.00	Pass	64	64						
Antenna Technology:		CDD 2*2															
Mode:	802.11a	Data Rate:	6Mbps	Conducted power MIMO Mode(2TX+2RX)						Power Index							
Test Conditions		Channel	Frequency	Ant 1+2		Total Power		Limit									
			(MHz)	Reading Level		Avg. (dBm)											
Tnom (25 °C)	Vnom (120V)	36	5180	13.11	12.92	16.03	30.00	Pass	56	56							
		40	5200	13.03	12.87	15.96	30.00	Pass	56	56							
		44	5220	13.19	12.93	16.07	30.00	Pass	56	56							
		48	5240	12.81	12.63	15.73	30.00	Pass	56	56							
		52	5260	17.53	17.33	20.44	24.00	Pass	72	72							
		60	5300	17.29	17.14	20.23	24.00	Pass	72	72							
		64	5320	17.15	16.95	20.06	24.00	Pass	71	71							
Mode:	802.11n(20MHz)	Data Rate:	MCS0	Conducted power MIMO Mode(2TX+2RX)						Power Index							
Test Conditions		Channel	Frequency	Ant 1+2		Total Power		Limit									
			(MHz)	Reading Level		Avg. (dBm)											
				Ant 1		Ant 2		Avg. (dBm)		Avg. (dBm)		Pass/Fail		Ant 1		Ant 2	

Tnom (25 °C)	Vnom (120V)	36	5180		12.90		12.79		15.86		30.00	Pass	56	56
		40	5200		12.88		12.65		15.78		30.00	Pass	56	56
		44	5220		12.50		13.09		15.82		30.00	Pass	56	56
		48	5240		13.04		12.80		15.93		30.00	Pass	56	56
		52	5260		17.34		17.21		20.29		24.00	Pass	72	72
		60	5300		17.11		17.08		20.11		24.00	Pass	72	72
		64	5320		16.92		16.79		19.87		24.00	Pass	70	70
Mode:	802.11n(40MHz)	Data Rate:	MCS0	Conducted power								Power Index		
				MIMO Mode(2TX+2RX)										
Test Conditions		Channel	Frequency	Ant 1+2				Total Power		Limit				
			Reading Level											
			Avg. (dBm)											
			(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		12.72		13.11		15.93		30.00	Pass	56	56
		46	5230		12.81		12.60		15.72		30.00	Pass	56	56
		54	5270		17.46		17.35		20.42		24.00	Pass	74	74
		62	5310		15.26		15.03		18.16		24.00	Pass	64	64
Mode:	802.11ac(20MHz)	Data Rate:	MCS0NSS1	Conducted power								Power Index		
				MIMO Mode(2TX+2RX)										
Test Conditions		Channel	Frequency	Ant 1+2				Total Power		Limit				
			Reading Level											
			Avg. (dBm)											
			(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		12.93		12.75		15.85		30.00	Pass	56	56
		40	5200		12.94		12.61		15.79		30.00	Pass	56	56
		44	5220		12.76		13.12		15.95		30.00	Pass	56	56
		48	5240		13.00		12.76		15.89		30.00	Pass	56	56
		52	5260		17.49		17.19		20.35		24.00	Pass	72	72
		60	5300		17.17		17.00		20.10		24.00	Pass	72	72
		64	5320		17.15		16.79		19.98		24.00	Pass	70	70
Mode:	802.11ac(40MHz)	Data Rate:	MCS0NSS1	Conducted power								Power Index		
				MIMO Mode(2TX+2RX)										
Test Conditions		Channel	Frequency	Ant 1+2				Total Power		Limit				
			Reading Level											
			Avg. (dBm)											
			(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		12.99		12.65		15.83		30.00	Pass	56	56
		46	5230		13.01		12.88		15.96		30.00	Pass	56	56
		54	5270		17.33		17.17		20.26		24.00	Pass	74	74
		62	5310		15.09		15.03		18.07		24.00	Pass	64	64
Mode:	802.11ac(80MHz)	Data Rate:	MCS0NSS1	Conducted power								Power Index		
				MIMO Mode(2TX+2RX)										
Test Conditions		Channel	Frequency	Ant 1+2				Total Power		Limit				
			Reading Level											
			Avg. (dBm)											
			(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		13.06		12.87		15.98		30.00	Pass	56	56
		58	5290		15.09		15.03		18.07		24.00	Pass	63	63
Mode:	802.11ax(20MHz)	Data Rate:	HE0NSS1	Conducted power								Power Index		
				MIMO Mode(2TX+2RX)										
Test Conditions		Channel	Frequency	Ant 1+2				Total Power		Limit				
			Reading Level											
			Avg. (dBm)											
			(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		12.91		12.79		15.86		30.00	Pass	56	56
		40	5200		12.92		12.73		15.84		30.00	Pass	56	56
		44	5220		12.70		13.09		15.91		30.00	Pass	56	56
		48	5240		13.01		12.86		15.95		30.00	Pass	56	56
		52	5260		17.38		17.18		20.29		24.00	Pass	72	72
		60	5300		17.28		17.09		20.20		24.00	Pass	72	72
		64	5320		16.99		16.82		19.92		24.00	Pass	70	70
Mode:	802.11ax(40MHz)	Data Rate:	HE0NSS1	Conducted power								Power Index		
				MIMO Mode(2TX+2RX)										
			Frequency	Ant 1+2				Total Power		Limit				
Reading Level														

Test Conditions		Channel		Avg. (dBm)								
			(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	12.71	12.83	15.78		30.00	Pass	56	56	
		46	5230	12.91	12.70	15.82		30.00	Pass	56	56	
		54	5270	17.40	17.35	20.39		24.00	Pass	74	74	
		62	5310	15.17	15.01	18.10		24.00	Pass	64	64	
Mode:	802.11ax(80MHz)	Data Rate:	HE0NSS1	Conducted power							Power Index	
				MIMO Mode(2TX+2RX)								
Test Conditions		Channel	Frequency	Ant 1+2		Total Power		Limit				
			Reading Level									
			Avg. (dBm)									
			(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	12.96	12.78	15.88		30.00	Pass	56	56	
		58	5290	15.12	15.06	18.10		24.00	Pass	63	63	

Antenna Technology:		Beamforming 2*2											
Mode:		802.11n(20MHz)	Data Rate:	MCS0	Conducted power MIMO Mode(2TX+2RX)							Power Index	
Test Conditions		Channel	Frequency	Ant 1+2		Total Power		Limit					
			Reading Level										
			Avg. (dBm)										
			(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	10.13	10.03	13.09		29.43	Pass	47	47		
		40	5200	10.15	10.22	13.20		29.43	Pass	47	47		
		44	5220	10.20	10.13	13.18		29.43	Pass	47	47		
		48	5240	10.05	10.09	13.08		29.43	Pass	47	47		
		52	5260	17.21	17.06	20.15		23.43	Pass	71	71		
		60	5300	17.12	16.92	20.03		23.43	Pass	71	71		
		64	5320	16.92	16.69	19.82		23.43	Pass	70	70		
Mode:		802.11n(40MHz)	Data Rate:	MCS0	Conducted power MIMO Mode(2TX+2RX)							Power Index	
Test Conditions		Channel	Frequency	Ant 1+2		Total Power		Limit					
			Reading Level										
			Avg. (dBm)										
			(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	10.00	10.17	13.10		29.43	Pass	47	47		
		46	5230	10.01	10.29	13.16		29.43	Pass	47	47		
		54	5270	17.21	17.06	20.15		23.43	Pass	73	73		
		62	5310	15.12	15.09	18.12		23.43	Pass	64	64		
Mode:		802.11ac(20MHz)	Data Rate:	MCS0NSS1	Conducted power MIMO Mode(2TX+2RX)							Power Index	
Test Conditions		Channel	Frequency	Ant 1+2		Total Power		Limit					
			Reading Level										
			Avg. (dBm)										
			(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	10.18	10.00	13.10		29.43	Pass	47	47		
		40	5200	10.20	10.12	13.17		29.43	Pass	47	47		
		44	5220	10.14	10.11	13.14		29.43	Pass	47	47		
		48	5240	10.30	10.08	13.20		29.43	Pass	47	47		
		52	5260	17.23	17.04	20.15		23.43	Pass	71	71		
		60	5300	17.21	16.82	20.03		23.43	Pass	71	71		
		64	5320	17.00	16.71	19.87		23.43	Pass	70	70		
Mode:		802.11ac(40MHz)	Data Rate:	MCS0NSS1	Conducted power MIMO Mode(2TX+2RX)							Power Index	
Test Conditions		Channel	Frequency	Ant 1+2		Total Power		Limit					
			Reading Level										
			Avg. (dBm)										
			(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	10.15	10.02	13.10		29.43	Pass	47	47		
		46	5230	10.22	10.13	13.19		29.43	Pass	47	47		
		54	5270	17.13	17.15	20.15		23.43	Pass	73	73		

		62	5310	15.08		15.11		18.11		23.43	Pass	64	64
Mode:	802.11ac(80MHz)	Data Rate:	MCS0NSS1	Conducted power								Power Index	
				MIMO Mode(2TX+2RX)									
Test Conditions		Channel	Frequency	Ant 1+2				Total Power		Limit			
			Reading Level										
			Avg. (dBm)										
Tnom (25 °C)	Vnom (120V)		(MHz)	Ant 1		Ant 2		Avg. (dBm (Ant 1+2))		Avg. (dBm)	Pass/Fail	Ant 1	Ant 2
		42	5210	9.88		10.16		13.03		29.43	Pass	47	47
		58	5290	15.03		14.92		17.99		23.43	Pass	63	63
Mode:	802.11ax(20MHz)	Data Rate:	HE0NSS1	Conducted power								Power Index	
				MIMO Mode(2TX+2RX)									
Test Conditions		Channel	Frequency	Ant 1+2				Total Power		Limit			
			Reading Level										
			Avg. (dBm)										
Tnom (25 °C)	Vnom (120V)		(MHz)	Ant 1		Ant 2		Avg. (dBm (Ant 1+2))		Avg. (dBm)	Pass/Fail	Ant 1	Ant 2
		36	5180	10.10		10.01		13.07		29.43	Pass	47	47
		40	5200	10.06		9.92		13.00		29.43	Pass	47	47
		44	5220	10.14		9.87		13.02		29.43	Pass	47	47
		48	5240	10.20		10.17		13.20		29.43	Pass	47	47
		52	5260	17.24		17.09		20.18		23.43	Pass	71	71
		60	5300	17.13		16.89		20.02		23.43	Pass	71	71
		64	5320	16.84		16.68		19.77		23.43	Pass	70	70
Mode:	802.11ax(40MHz)	Data Rate:	HE0NSS1	Conducted power								Power Index	
				MIMO Mode(2TX+2RX)									
Test Conditions		Channel	Frequency	Ant 1+2				Total Power		Limit			
			Reading Level										
			Avg. (dBm)										
Tnom (25 °C)	Vnom (120V)		(MHz)	Ant 1		Ant 2		Avg. (dBm (Ant 1+2))		Avg. (dBm)	Pass/Fail	Ant 1	Ant 2
		38	5190	9.96		10.11		13.05		29.43	Pass	47	47
		46	5230	10.02		9.99		13.02		29.43	Pass	47	47
		54	5270	17.24		17.11		20.19		23.43	Pass	73	73
		62	5310	15.04		14.98		18.02		23.43	Pass	64	64
Mode:	802.11ax(80MHz)	Data Rate:	HE0NSS1	Conducted power								Power Index	
				MIMO Mode(2TX+2RX)									
Test Conditions		Channel	Frequency	Ant 1+2				Total Power		Limit			
			Reading Level										
			Avg. (dBm)										
Tnom (25 °C)	Vnom (120V)		(MHz)	Ant 1		Ant 2		Avg. (dBm (Ant 1+2))		Avg. (dBm)	Pass/Fail	Ant 1	Ant 2
		42	5210	9.69		10.08		12.90		29.43	Pass	47	47
		58	5290	15.13		14.98		18.07		23.43	Pass	63	63

FCC 5GHz Power Table-Radio 3(Dual 2.4G+5G mode)													
Standard:	FCC Part 15.407	Test Date:	2020.04.07	Temperature:	25℃		Humidity:	55%RH					
Project No. :	19A2144R			Product Name:	Wireless Access point		Model Name:	AP460C	Test Site:	TR8			
Antenna Gain(dBi)		Ant 3	4.19	Ant 5	3.22	Ant 6	3.96	Ant 7	4.21				
2*2 CDD-Directional Gain-Power(dBi)		4.21		2*2 BF-Directional Gain-Power(dBi)		7.22							
4*4 CDD-Directional Gain-Power(dBi)		4.21		4*4 BF-Directional Gain-Power(dBi)		10.23							
Operating temperature range:		Low	-40℃	Nor	25℃	High	60℃	Test Engineer	Pawn				
Test Eng:	Pawn												
Antenna Technology:	CDD 2*2												
Mode:	802.11a	Data Rate:	6Mbps	Conducted power MIMO Mode(2TX+2RX)							Power Index		
Test Conditions	Channel	Frequency	Ant 3+5 Reading Level Avg. (dBm)				Total Power		Limit				
		(MHz)	Ant3		Ant5		Avg. (dBm (Ant 3+5)		Avg. (dBm)	Pass/Fail			Ant 3
		36	5180	13.53		13.61		16.58		30.00	Pass	55	55
Tnom (25 °C)	Vnom (120V)	40	5200	13.79		13.66		16.74		30.00	Pass	55	55
		44	5220	13.99		13.62		16.82		30.00	Pass	55	55
		48	5240	13.59		14.17		16.90		30.00	Pass	55	55
		52	5260	17.39		17.46		20.44		24.00	Pass	82	82
		60	5300	17.25		17.22		20.25		24.00	Pass	82	82
		64	5320	17.16		17.23		20.21		24.00	Pass	82	82
		100	5500	17.23		17.26		20.26		24.00	Pass	82	82
		104	5520	17.11		17.19		20.16		24.00	Pass	82	82
		116	5580	17.13		17.15		20.15		24.00	Pass	82	82
		140	5700	17.20		17.35		20.29		24.00	Pass	82	82
		149	5745	22.94		23.11		26.04		30.00	Pass	110	110
		157	5785	22.56		22.79		25.69		30.00	Pass	110	110
		165	5825	22.76		22.96		25.87		30.00	Pass	110	110
		Mode:	802.11n(20MHz)	Data Rate:	MCS0	Conducted power MIMO Mode(2TX+2RX)							Power Index
Test Conditions	Channel	Frequency	Ant 3+5 Reading Level Avg. (dBm)				Total Power		Limit				
		(MHz)	Ant3		Ant5		Avg. (dBm (Ant 3+5)		Avg. (dBm)	Pass/Fail	Ant 3	Ant 5	
		36	5180	13.69		13.78		16.75		30.00	Pass	55	55
Tnom (25 °C)	Vnom (120V)	40	5200	13.67		13.54		16.62		30.00	Pass	55	55
		44	5220	13.38		13.76		16.58		30.00	Pass	55	55
		48	5240	13.73		13.73		16.74		30.00	Pass	55	55
		52	5260	17.38		17.35		20.38		24.00	Pass	82	82
		60	5300	17.09		17.22		20.17		24.00	Pass	82	82
		64	5320	17.15		17.20		20.19		24.00	Pass	82	82
		100	5500	17.10		17.14		20.13		24.00	Pass	82	82
		104	5520	16.99		17.03		20.02		24.00	Pass	82	82
		116	5580	16.97		17.04		20.02		24.00	Pass	82	82
		140	5700	17.14		17.25		20.21		24.00	Pass	82	82
		149	5745	23.07		23.21		26.15		30.00	Pass	110	110
		157	5785	22.65		22.95		25.81		30.00	Pass	110	110
		165	5825	22.90		23.04		25.98		30.00	Pass	110	110
		Mode:	802.11n(40MHz)	Data Rate:	MCS0	Conducted power MIMO Mode(2TX+2RX)							Power Index
Test Conditions	Channel	Frequency	Ant 3+5 Reading Level Avg. (dBm)				Total Power		Limit				
		(MHz)	Ant3		Ant5		Avg. (dBm (Ant 3+5)		Avg. (dBm)	Pass/Fail	Ant 3	Ant 5	
		38	5190	13.98		13.81		16.91		30.00	Pass	52	52
		46	5230	13.71		13.59		16.66		30.00	Pass	52	52
		52	5270	17.28		17.19		20.25		24.00	Pass	82	82
		60	5310	15.43		15.36		18.41		24.00	Pass	76	76



Tnom (25 °C)	Vnom (120V)	102	5510	17.15	17.01	20.09	24.00	Pass	82	82	
		110	5550	17.16	17.23	20.21	24.00	Pass	82	82	
		134	5670	17.06	17.28	20.18	24.00	Pass	82	82	
		151	5755	22.82	23.35	26.10	30.00	Pass	110	110	
		159	5795	22.73	22.96	25.86	30.00	Pass	110	110	
Mode:	802.11ac(20MHz)	Data Rate:	MCS0NSS1	Conducted power					Power Index		
				MIMO Mode(2TX+2RX)							
Test Conditions		Channel	Frequency	Ant 3+5		Total Power		Limit			
			Reading Level								
			Avg. (dBm)								
		(MHz)	Ant3	Ant5	Avg. (dBm (Ant 3+5))		Avg. (dBm)	Pass/Fail	Ant 3	Ant 5	
Tnom (25 °C)	Vnom (120V)	36	5180	13.57	13.51	16.55	30.00	Pass	55	55	
		40	5200	13.78	13.61	16.71	30.00	Pass	55	55	
		44	5220	14.00	14.08	17.05	30.00	Pass	55	55	
		48	5240	13.93	13.91	16.93	30.00	Pass	55	55	
		52	5260	17.25	17.39	20.33	24.00	Pass	82	82	
		60	5300	17.23	17.12	20.19	24.00	Pass	82	82	
		64	5320	17.02	17.16	20.10	24.00	Pass	82	82	
		100	5500	17.14	17.10	20.13	24.00	Pass	82	82	
		104	5520	17.04	17.18	20.12	24.00	Pass	82	82	
		116	5580	17.11	17.00	20.07	24.00	Pass	82	82	
		140	5700	17.13	17.20	20.18	24.00	Pass	82	82	
		149	5745	22.96	23.26	26.12	30.00	Pass	110	110	
		157	5785	22.67	22.93	25.81	30.00	Pass	110	110	
		165	5825	22.91	23.10	26.02	30.00	Pass	110	110	
Mode:	802.11ac(40MHz)	Data Rate:	MCS0NSS1	Conducted power					Power Index		
				MIMO Mode(2TX+2RX)							
Test Conditions		Channel	Frequency	Ant 3+5		Total Power		Limit			
			Reading Level								
			Avg. (dBm)								
		(MHz)	Ant3	Ant5	Avg. (dBm (Ant 3+5))		Avg. (dBm)	Pass/Fail	Ant 3	Ant 5	
Tnom (25 °C)	Vnom (120V)	38	5190	13.22	13.74	16.50	30.00	Pass	52	52	
		46	5230	13.96	13.65	16.82	30.00	Pass	52	52	
		52	5270	17.25	17.11	20.19	24.00	Pass	82	82	
		60	5310	15.42	15.51	18.48	24.00	Pass	76	76	
		102	5510	17.08	16.96	20.03	24.00	Pass	82	82	
		110	5550	17.13	17.11	20.13	24.00	Pass	82	82	
		134	5670	17.19	17.19	20.20	24.00	Pass	82	82	
		151	5755	23.00	23.50	26.27	30.00	Pass	110	110	
		159	5795	22.87	23.14	26.02	30.00	Pass	110	110	
Mode:	802.11ac(80MHz)	Data Rate:	MCS0NSS1	Conducted power					Power Index		
				MIMO Mode(2TX+2RX)							
Test Conditions		Channel	Frequency	Ant 3+5		Total Power		Limit			
			Reading Level								
			Avg. (dBm)								
		(MHz)	Ant3	Ant5	Avg. (dBm (Ant 3+5))		Avg. (dBm)	Pass/Fail	Ant 3	Ant 5	
Tnom (25 °C)	Vnom (120V)	42	5210	13.65	13.52	16.60	30.00	Pass	50	50	
		58	5290	14.57	14.69	17.64	24.00	Pass	72	72	
		106	5530	15.86	15.97	18.93	24.00	Pass	77	77	
		122	5610	17.53	17.46	20.51	24.00	Pass	82	82	
		155	5775	18.59	18.43	21.52	30.00	Pass	87	87	
Mode:	802.11ax(20MHz)	Data Rate:	HE0NSS1	Conducted power					Power Index		
				MIMO Mode(2TX+2RX)							
Test Conditions		Channel	Frequency	Ant 3+5		Total Power		Limit			
			Reading Level								
			Avg. (dBm)								
		(MHz)	Ant3	Ant5	Avg. (dBm (Ant 3+5))		Avg. (dBm)	Pass/Fail	Ant 3	Ant 5	
Tnom (25 °C)	Vnom (120V)	36	5180	13.67	13.68	16.69	30.00	Pass	55	55	
		40	5200	13.87	13.79	16.84	30.00	Pass	55	55	
		44	5220	13.62	13.25	16.45	30.00	Pass	55	55	
		48	5240	13.71	13.26	16.50	30.00	Pass	55	55	
		52	5260	17.68	17.63	20.67	24.00	Pass	82	82	
		60	5300	17.51	17.50	20.52	24.00	Pass	82	82	
		64	5320	17.34	17.47	20.42	24.00	Pass	82	82	
		100	5500	17.52	17.41	20.48	24.00	Pass	82	82	
		104	5520	17.38	17.44	20.42	24.00	Pass	82	82	
		116	5580	17.40	17.29	20.36	24.00	Pass	82	82	

			140	5700	17.37	17.54	20.47	24.00	Pass	82	82		
			149	5745	23.08	23.14	26.12	30.00	Pass	110	110		
			157	5785	22.58	22.89	25.75	30.00	Pass	110	110		
			165	5825	22.90	23.11	26.02	30.00	Pass	110	110		
Mode:	802.11ax(40MHz)	Data Rate:	HE0NSS1	Conducted power						Power Index			
				MIMO Mode(2TX+2RX)									
Test Conditions	Channel	Frequency	Ant 3+5			Total Power		Limit					
		Reading Level											
			Avg. (dBm)										
		(MHz)	Ant3			Ant5		Avg. (dBm (Ant 3+5))	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5	
Tnom (25 °C)	Vnom (120V)	38	5190	13.59		14.16		16.89		30.00	Pass	52	52
		46	5230	13.87		13.77		16.83		30.00	Pass	52	52
		52	5270	17.30		17.20		20.26		24.00	Pass	82	82
		60	5310	15.49		15.32		18.42		24.00	Pass	76	76
		102	5510	17.19		17.06		20.14		24.00	Pass	82	82
		110	5550	17.10		17.24		20.18		24.00	Pass	82	82
		134	5670	17.18		17.16		20.18		24.00	Pass	82	82
		151	5755	22.96		23.47		26.23		30.00	Pass	110	110
		159	5795	22.74		22.97		25.87		30.00	Pass	110	110
Mode:	802.11ax(80MHz)	Data Rate:	HE0NSS1	Conducted power						Power Index			
				MIMO Mode(2TX+2RX)									
Test Conditions	Channel	Frequency	Ant 3+5			Total Power		Limit					
		Reading Level											
			Avg. (dBm)										
		(MHz)	Ant3			Ant5		Avg. (dBm (Ant 3+5))	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5	
Tnom (25 °C)	Vnom (120V)	42	5210	13.81		13.50		16.67		30.00	Pass	50	50
		58	5290	14.52		14.63		17.59		24.00	Pass	72	72
		106	5530	15.72		15.91		18.83		24.00	Pass	77	77
		122	5610	17.44		17.46		20.46		24.00	Pass	82	82
		155	5775	18.72		18.66		21.70		30.00	Pass	87	87
Mode:	802.11ax(160MHz)	Data Rate:	HE0NSS1	Conducted power						Power Index			
				MIMO Mode(2TX+2RX)									
Test Conditions	Channel	Frequency	Ant 3+5			Total Power		Limit					
		Reading Level											
			Avg. (dBm)										
		(MHz)	Ant3			Ant5		Avg. (dBm (Ant 3+5))	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5	
Tnom (25 °C)	Vnom (120V)	50	5250	13.52		13.77		16.66		24.00	Pass	68	68
		114	5570	14.06		14.23		17.16		24.00	Pass	70	70

Antenna Technology:		CDD 4*4														
Mode:		802.11a	Data Rate:	6Mbps	Conducted power MIMO Mode(4TX+4RX)							Power Index				
Test Conditions		Channel	Frequency	Ant 3+5+6+7				Total Power		Limit						
			Ant3	Ant5	Ant6		Ant7									
				Reading Level	Reading Level	Reading Level		Reading Level					Ant 3	Ant 5	Ant 6	Ant 7
			(MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)		Avg. (dBm)	Avg. (dBm (Ant 3+5+6+7))		Avg. (dBm)	Pass/Fail				
Tnom (25 °C)	Vnom (120V)	36	5180	10.74	10.85	10.33		10.45	16.62		30.00	Pass	46	46	46	46
		40	5200	10.72	10.34	10.24		10.30	16.42		30.00	Pass	46	46	46	46
		44	5220	10.86	10.78	10.38		10.53	16.66		30.00	Pass	46	46	46	46
		48	5240	10.83	10.71	10.26		10.50	16.60		30.00	Pass	46	46	46	46
		52	5260	11.23	11.17	11.33		10.92	17.19		24.00	Pass	56	56	56	56
		60	5300	11.02	11.05	11.03		10.87	17.01		24.00	Pass	56	56	56	56
		64	5320	10.86	10.96	11.07		10.96	16.98		24.00	Pass	56	56	56	56
		100	5500	11.05	11.02	11.13		10.89	17.04		24.00	Pass	56	56	56	56
		104	5520	10.93	10.93	11.10		10.79	16.96		24.00	Pass	56	56	56	56
		116	5580	10.92	10.84	11.00		10.96	16.95		24.00	Pass	56	56	56	56
		140	5700	10.98	11.05	11.09		10.98	17.05		24.00	Pass	56	56	56	56
		149	5745	22.97	23.03	23.46		22.77	29.09		30.00	Pass	110	110	110	110
		157	5785	22.62	22.84	23.40		22.75	28.93		30.00	Pass	110	110	110	110
		165	5825	22.87	22.79	23.35		22.72	28.96		30.00	Pass	110	110	110	110
Mode:		802.11n(20MHz)	Data Rate:	MCS0	Conducted power MIMO Mode(4TX+4RX)							Power Index				
Test Conditions		Channel	Frequency	Ant 3+5+6+7				Total Power		Limit						
			Ant3	Ant5	Ant6		Ant7									
				Reading Level	Reading Level	Reading Level		Reading Level								

Test Conditions		Channel	(MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	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	10.90	10.95	10.26	10.59	16.70	30.00	Pass	46	46	46	46		
		40	5200	10.74	10.81	10.63	10.35	16.66	30.00	Pass	46	46	46	46		
		44	5220	10.62	10.91	10.47	10.47	16.64	30.00	Pass	46	46	46	46		
		48	5240	10.86	10.83	10.51	10.78	16.77	30.00	Pass	46	46	46	46		
		52	5260	11.22	11.24	11.27	10.95	17.19	24.00	Pass	56	56	56	56		
		60	5300	11.05	10.92	11.07	10.82	16.99	24.00	Pass	56	56	56	56		
		64	5320	10.90	10.93	11.08	10.87	16.97	24.00	Pass	56	56	56	56		
		100	5500	10.94	10.96	10.98	10.84	16.95	24.00	Pass	56	56	56	56		
		104	5520	10.85	11.01	11.10	10.83	16.97	24.00	Pass	56	56	56	56		
		116	5580	10.84	10.87	11.10	10.93	16.96	24.00	Pass	56	56	56	56		
		140	5700	11.02	11.15	11.09	10.93	17.07	24.00	Pass	56	56	56	56		
		149	5745	23.11	23.07	23.52	22.91	29.18	30.00	Pass	110	110	110	110		
		157	5785	22.69	22.88	23.48	22.87	29.01	30.00	Pass	110	110	110	110		
		165	5825	22.91	22.83	23.50	22.91	29.07	30.00	Pass	110	110	110	110		
Mode:	802.11n(40MHz)	Data Rate:	MCS0	Conducted power MIMO Mode(4TX+4RX)							Power Index					
				Ant 3+5+6+7				Total Power		Limit						
Test Conditions		Channel	Frequency	Ant3	Ant5	Ant6	Ant7	Total Power		Limit						
			Reading Level													
			(MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)						Avg. (dBm) (Ant 3+5+6+7)	Avg. (dBm)	Pass/Fail	Ant 3
Tnom (25 °C)	Vnom (120V)	38	5190	10.61	10.97	10.66	11.17	16.88	30.00	Pass	44	44	44	44		
		46	5230	10.66	10.77	10.39	10.55	16.62	30.00	Pass	44	44	44	44		
		52	5270	13.73	13.46	13.44	13.44	19.61	24.00	Pass	68	68	68	68		
		60	5310	13.53	13.39	13.62	13.58	19.55	24.00	Pass	68	68	68	68		
		102	5510	13.43	13.29	13.72	13.36	19.47	24.00	Pass	68	68	68	68		
		110	5550	13.49	13.55	13.70	13.34	19.54	24.00	Pass	68	68	68	68		
		134	5670	13.37	13.49	13.70	13.39	19.51	24.00	Pass	68	68	68	68		
		151	5755	22.93	23.36	24.01	23.27	29.43	30.00	Pass	110	110	110	110		
		159	5795	22.64	22.95	23.59	22.96	29.07	30.00	Pass	110	110	110	110		
Mode:	802.11ac(20MHz)	Data Rate:	MCS0NSS1	Conducted power MIMO Mode(4TX+4RX)							Power Index					
				Ant 3+5+6+7				Total Power		Limit						
Test Conditions		Channel	Frequency	Ant3	Ant5	Ant6	Ant7	Total Power		Limit						
			Reading Level													
			(MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)						Avg. (dBm) (Ant 3+5+6+7)	Avg. (dBm)	Pass/Fail	Ant 3
Tnom (25 °C)	Vnom (120V)	36	5180	10.69	10.48	10.88	10.69	16.71	30.00	Pass	46	46	46	46		
		40	5200	10.57	10.86	10.41	10.27	16.55	30.00	Pass	46	46	46	46		
		44	5220	10.58	10.91	10.72	10.43	16.68	30.00	Pass	46	46	46	46		
		48	5240	10.63	10.73	10.47	10.56	16.62	30.00	Pass	46	46	46	46		
		52	5260	11.11	11.23	11.27	10.96	17.16	24.00	Pass	56	56	56	56		
		60	5300	10.99	10.93	11.01	10.76	16.94	24.00	Pass	56	56	56	56		
		64	5320	10.90	11.00	11.14	10.97	17.02	24.00	Pass	56	56	56	56		
		100	5500	11.00	11.08	11.08	10.86	17.03	24.00	Pass	56	56	56	56		
		104	5520	10.87	10.94	11.07	10.78	16.94	24.00	Pass	56	56	56	56		
		116	5580	10.85	10.91	11.04	10.89	16.94	24.00	Pass	56	56	56	56		
		140	5700	10.94	11.08	11.19	10.95	17.06	24.00	Pass	56	56	56	56		
		149	5745	23.15	23.04	23.49	22.79	29.15	30.00	Pass	110	110	110	110		
		157	5785	22.80	22.86	23.57	22.84	29.05	30.00	Pass	110	110	110	110		
		165	5825	22.92	22.92	23.36	22.76	29.02	30.00	Pass	110	110	110	110		
Mode:	802.11ac(40MHz)	Data Rate:	MCS0NSS1	Conducted power MIMO Mode(4TX+4RX)							Power Index					
				Ant 3+5+6+7				Total Power		Limit						
Test Conditions		Channel	Frequency	Ant3	Ant5	Ant6	Ant7	Total Power		Limit						
			Reading Level													
			(MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)						Avg. (dBm) (Ant 3+5+6+7)	Avg. (dBm)	Pass/Fail	Ant 3
Tnom (25 °C)	Vnom (120V)	38	5190	10.76	10.53	10.96	10.38	16.68	30.00	Pass	44	44	44	44		
		46	5230	10.69	10.84	10.67	10.55	16.71	30.00	Pass	44	44	44	44		
		52	5270	13.65	13.53	13.63	13.44	19.58	24.00	Pass	68	68	68	68		
		60	5310	13.26	13.37	13.54	13.43	19.42	24.00	Pass	68	68	68	68		
		102	5510	13.47	13.33	13.68	13.31	19.47	24.00	Pass	68	68	68	68		
		110	5550	13.52	13.59	13.71	13.43	19.58	24.00	Pass	68	68	68	68		
		134	5670	13.50	13.62	13.63	13.35	19.55	24.00	Pass	68	68	68	68		
		151	5755	22.88	23.38	23.99	23.31	29.43	30.00	Pass	110	110	110	110		
		159	5795	22.71	22.90	23.73	23.00	29.12	30.00	Pass	110	110	110	110		
Mode:	802.11ac(80MHz)	Data Rate:	MCS0NSS1	Conducted power MIMO Mode(4TX+4RX)							Power Index					
				Ant 3+5+6+7				Total Power		Limit						

				Ant 3+5+6+7				Total Power		Limit		Power Index			
Test Conditions		Channel	Frequency	Ant3	Ant5	Ant6	Ant7								
			(MHz)	Reading Level	Reading Level	Reading Level	Reading Level	Avg. (dBm) (Ant 3+5+6+7)	Avg. (dBm)	Pass/Fail	Ant 3				
Tnom (25 °C)	Vnom (120V)	42	5210	11.06	10.98	10.69	10.55	16.85	30.00	Pass	47	47	47	47	
		58	5290	13.10	13.32	13.28	13.09	19.22	24.00	Pass	66	66	66	66	
		106	5530	14.06	14.32	14.36	14.21	20.26	24.00	Pass	70	70	70	70	
		122	5610	14.81	14.76	14.67	14.70	20.76	24.00	Pass	72	72	72	72	
		155	5775	17.32	17.16	17.13	17.28	23.24	30.00	Pass	81	81	81	81	
Mode:	802.11ax(20MHz)	Data Rate:	HE0NSS1	Conducted power				Total Power		Limit		Power Index			
MIMO Mode(4TX+4RX)															
Test Conditions		Channel	Frequency	Ant3	Ant5	Ant6	Ant7	Avg. (dBm) (Ant 3+5+6+7)	Avg. (dBm)	Pass/Fail	Ant 3				
			(MHz)	Reading Level	Reading Level	Reading Level	Reading Level								
Tnom (25 °C)	Vnom (120V)	36	5180	10.95	10.73	10.59	10.43	16.70	30.00	Pass	46	46	46	46	
		40	5200	10.77	10.91	10.45	10.41	16.66	30.00	Pass	46	46	46	46	
		44	5220	10.72	10.61	10.61	10.70	16.68	30.00	Pass	46	46	46	46	
		48	5240	10.50	10.62	10.38	10.65	16.56	30.00	Pass	46	46	46	46	
		52	5260	11.15	11.22	11.22	11.00	17.17	24.00	Pass	56	56	56	56	
		60	5300	10.94	11.04	11.02	10.80	16.97	24.00	Pass	56	56	56	56	
		64	5320	10.88	10.96	11.07	10.98	16.99	24.00	Pass	56	56	56	56	
		100	5500	10.98	10.94	11.07	10.82	16.97	24.00	Pass	56	56	56	56	
		104	5520	10.87	11.02	11.15	10.86	17.00	24.00	Pass	56	56	56	56	
		116	5580	10.87	10.90	11.06	10.91	16.96	24.00	Pass	56	56	56	56	
		140	5700	11.02	11.11	11.14	10.93	17.07	24.00	Pass	56	56	56	56	
		149	5745	23.05	23.05	23.53	22.87	29.15	30.00	Pass	110	110	110	110	
		157	5785	22.80	22.90	23.44	22.78	29.01	30.00	Pass	110	110	110	110	
		165	5825	22.94	22.96	23.55	22.66	29.06	30.00	Pass	110	110	110	110	
Mode:	802.11ax(40MHz)	Data Rate:	HE0NSS1	Conducted power				Total Power		Limit		Power Index			
MIMO Mode(4TX+4RX)															
Test Conditions		Channel	Frequency	Ant3	Ant5	Ant6	Ant7	Avg. (dBm) (Ant 3+5+6+7)	Avg. (dBm)	Pass/Fail	Ant 3				
			(MHz)	Reading Level	Reading Level	Reading Level	Reading Level								
Tnom (25 °C)	Vnom (120V)	38	5190	10.60	11.07	10.86	10.71	16.83	30.00	Pass	44	44	44	44	
		46	5230	10.40	10.87	10.65	10.48	16.62	30.00	Pass	44	44	44	44	
		52	5270	13.63	13.57	13.58	13.42	19.57	24.00	Pass	68	68	68	68	
		60	5310	13.46	13.43	13.62	13.35	19.49	24.00	Pass	68	68	68	68	
		102	5510	13.49	13.30	13.68	13.35	19.48	24.00	Pass	68	68	68	68	
		110	5550	13.54	13.44	13.49	13.36	19.48	24.00	Pass	68	68	68	68	
		134	5670	14.53	14.63	13.67	13.41	20.11	24.00	Pass	68	68	68	68	
		151	5755	22.90	23.35	24.15	23.16	29.44	30.00	Pass	110	110	110	110	
		159	5795	22.65	22.95	23.55	22.94	29.06	30.00	Pass	110	110	110	110	
Mode:	802.11ax(80MHz)	Data Rate:	HE0NSS1	Conducted power				Total Power		Limit		Power Index			
MIMO Mode(4TX+4RX)															
Test Conditions		Channel	Frequency	Ant3	Ant5	Ant6	Ant7	Avg. (dBm) (Ant 3+5+6+7)	Avg. (dBm)	Pass/Fail	Ant 3				
			(MHz)	Reading Level	Reading Level	Reading Level	Reading Level								
Tnom (25 °C)	Vnom (120V)	42	5210	10.76	10.85	10.66	10.42	16.70	30.00	Pass	47	47	47	47	
		58	5290	13.19	13.11	13.19	13.10	19.17	24.00	Pass	66	66	66	66	
		106	5530	14.02	14.31	14.41	14.39	20.31	24.00	Pass	70	70	70	70	
		122	5610	14.81	14.79	14.58	14.71	20.74	24.00	Pass	72	72	72	72	
		155	5775	17.26	17.03	17.12	17.19	23.17	30.00	Pass	81	81	81	81	
Mode:	802.11ax(160MHz)	Data Rate:	HE0NSS1	Conducted power				Total Power		Limit		Power Index			
MIMO Mode(4TX+4RX)															
Test Conditions		Channel	Frequency	Ant3	Ant5	Ant6	Ant7	Avg. (dBm) (Ant 3+5+6+7)	Avg. (dBm)	Pass/Fail	Ant 3				
			(MHz)	Reading Level	Reading Level	Reading Level	Reading Level								
Tnom (25 °C)	Vnom (120V)	50	5250	10.96	10.85	10.98	10.74	16.90	24.00	Pass	58	58	58	58	
		114	5570	12.51	12.67	12.65	12.53	18.61	30.00	Pass	64	64	64	64	

Antenna Technology:	Beamforming 2*2
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Mode:	802.11n(20MHz)	Data Rate:	MCS0	Conducted power						Power Index			
				MIMO Mode(2TX+2RX)									
Test Conditions		Channel	Frequency	Ant 3+5		Total Power		Limit					
			Reading Level		Avg. (dBm)								
			(MHz)					Avg. (dBm (Ant 3+5))	Avg. (dBm)			Pass/Fail	Ant 3
Tnom (25 °C)	Vnom (120V)	36	5180	11.04		10.73		13.90		28.78	Pass	42	42
		40	5200	10.82		10.62		13.73		28.78	Pass	42	42
		44	5220	10.95		10.47		13.73		28.78	Pass	42	42
		48	5240	10.56		10.52		13.55		28.78	Pass	42	42
		52	5260	16.38		16.37		19.39		22.78	Pass	78	78
		60	5300	16.23		16.21		19.23		22.78	Pass	78	78
		64	5320	16.15		16.25		19.21		22.78	Pass	78	78
		100	5500	16.26		16.16		19.22		22.78	Pass	78	78
		104	5520	16.08		16.13		19.12		22.78	Pass	78	78
		116	5580	16.17		16.19		19.19		22.78	Pass	78	78
		140	5700	16.19		16.26		19.24		22.78	Pass	78	78
		149	5745	22.96		23.29		26.14		28.78	Pass	110	110
		157	5785	22.74		22.94		25.85		28.78	Pass	110	110
		165	5825	22.83		23.02		25.94		28.78	Pass	110	110
Mode:	802.11n(40MHz)	Data Rate:	MCS0	Conducted power						Power Index			
				MIMO Mode(2TX+2RX)									
Test Conditions		Channel	Frequency	Ant 3+5		Total Power		Limit					
			Reading Level		Avg. (dBm)								
			(MHz)					Avg. (dBm (Ant 3+5))	Avg. (dBm)			Pass/Fail	Ant 3
Tnom (25 °C)	Vnom (120V)	38	5190	10.61		10.91		13.77		28.78	Pass	41	41
		46	5230	10.39		10.67		13.54		28.78	Pass	41	41
		52	5270	16.29		16.13		19.22		22.78	Pass	78	78
		60	5310	15.39		15.56		18.49		22.78	Pass	76	76
		102	5510	16.06		15.89		18.99		22.78	Pass	78	78
		110	5550	16.07		16.06		19.08		22.78	Pass	78	78
		134	5670	16.13		16.13		19.14		22.78	Pass	78	78
		151	5755	23.08		23.54		26.33		28.78	Pass	110	110
		159	5795	22.89		23.30		26.11		28.78	Pass	110	110
Mode:	802.11ac(20MHz)	Data Rate:	MCS0NSS1	Conducted power						Power Index			
				MIMO Mode(2TX+2RX)									
Test Conditions		Channel	Frequency	Ant 3+5		Total Power		Limit					
			Reading Level		Avg. (dBm)								
			(MHz)					Avg. (dBm (Ant 3+5))	Avg. (dBm)			Pass/Fail	Ant 3
Tnom (25 °C)	Vnom (120V)	36	5180	10.76		10.50		13.64		28.78	Pass	42	42
		40	5200	10.54		10.62		13.59		28.78	Pass	42	42
		44	5220	10.79		10.49		13.65		28.78	Pass	42	42
		48	5240	10.93		10.68		13.82		28.78	Pass	42	42
		52	5260	16.36		16.47		19.43		22.78	Pass	78	78
		60	5300	16.18		16.24		19.22		22.78	Pass	78	78
		64	5320	16.18		16.25		19.23		22.78	Pass	78	78
		100	5500	16.27		16.18		19.24		22.78	Pass	78	78
		104	5520	16.11		16.08		19.11		22.78	Pass	78	78
		116	5580	16.12		16.10		19.12		22.78	Pass	78	78
		140	5700	16.22		16.27		19.26		22.78	Pass	78	78
		149	5745	23.07		23.31		26.20		28.78	Pass	110	110
		157	5785	22.84		22.97		25.92		28.78	Pass	110	110
		165	5825	22.93		23.19		26.07		28.78	Pass	110	110
Mode:	802.11ac(40MHz)	Data Rate:	MCS0NSS1	Conducted power						Power Index			
				MIMO Mode(2TX+2RX)									
Test Conditions		Channel	Frequency	Ant 3+5		Total Power		Limit					
			Reading Level		Avg. (dBm)								
			(MHz)					Avg. (dBm (Ant 3+5))	Avg. (dBm)			Pass/Fail	Ant 3
Tnom (25 °C)	Vnom (120V)	38	5190	10.77		10.65		13.72		28.78	Pass	41	41
		46	5230	11.01		10.68		13.86		28.78	Pass	41	41
		52	5270	16.29		16.05		19.18		22.78	Pass	78	78
		60	5310	15.33		15.44		18.40		22.78	Pass	76	76
		102	5510	15.98		15.83		18.92		22.78	Pass	78	78
		110	5550	15.97		15.91		18.95		22.78	Pass	78	78
		134	5670	16.02		16.01		19.03		22.78	Pass	78	78

		151	5755		23.25		23.52		26.40		28.78	Pass	110	110
		159	5795		22.94		23.36		26.17		28.78	Pass	110	110
Mode:	802.11ac(80MHz)	Data Rate:	MCS0NSS1	Conducted power								Power Index		
				MIMO Mode(2TX+2RX)										
Test Conditions		Channel	Ant 3+5						Total Power		Limit			
			Reading Level											
			Frequency		Avg. (dBm)									
		(MHz)	Ant3		Ant5		Avg. (dBm (Ant 3+5))		Avg. (dBm)	Pass/Fail	Ant 3	Ant 5		
Tnom (25 °C)	Vnom (120V)	42	5210	10.62		10.96		13.80		28.78	Pass	43	43	
		58	5290	14.43		14.58		17.52		22.78	Pass	72	72	
		106	5530	15.64		15.79		18.73		22.78	Pass	77	77	
		122	5610	16.21		16.18		19.21		22.78	Pass	78	78	
		155	5775	18.35		18.22		21.30		28.78	Pass	87	87	
Mode:	802.11ax(20MHz)	Data Rate:	HE0NSS1	Conducted power								Power Index		
				MIMO Mode(2TX+2RX)										
Test Conditions		Channel	Ant 3+5						Total Power		Limit			
			Reading Level											
			Frequency		Avg. (dBm)									
		(MHz)	Ant3		Ant5		Avg. (dBm (Ant 3+5))		Avg. (dBm)	Pass/Fail	Ant 3	Ant 5		
Tnom (25 °C)	Vnom (120V)	36	5180	10.35		10.79		13.59		28.78	Pass	42	42	
		40	5200	10.75		10.56		13.67		28.78	Pass	42	42	
		44	5220	10.36		10.68		13.53		28.78	Pass	42	42	
		48	5240	10.51		10.89		13.71		28.78	Pass	42	42	
		52	5260	16.33		16.41		19.38		22.78	Pass	78	78	
		60	5300	16.21		16.20		19.22		22.78	Pass	78	78	
		64	5320	16.15		16.15		19.16		22.78	Pass	78	78	
		100	5500	16.22		16.17		19.21		22.78	Pass	78	78	
		104	5520	16.12		16.09		19.12		22.78	Pass	78	78	
		116	5580	16.07		16.13		19.11		22.78	Pass	78	78	
		140	5700	16.09		16.38		19.25		22.78	Pass	78	78	
		149	5745	22.96		23.31		26.15		28.78	Pass	110	110	
		157	5785	22.92		23.12		26.03		28.78	Pass	110	110	
		165	5825	22.90		23.12		26.02		28.78	Pass	110	110	
Mode:	802.11ax(40MHz)	Data Rate:	HE0NSS1	Conducted power								Power Index		
				MIMO Mode(2TX+2RX)										
Test Conditions		Channel	Ant 3+5						Total Power		Limit			
			Reading Level											
			Frequency		Avg. (dBm)									
		(MHz)	Ant3		Ant5		Avg. (dBm (Ant 3+5))		Avg. (dBm)	Pass/Fail	Ant 3	Ant 5		
Tnom (25 °C)	Vnom (120V)	38	5190	10.62		10.66		13.65		28.78	Pass	41	41	
		46	5230	10.81		10.63		13.73		28.78	Pass	41	41	
		52	5270	16.23		16.09		19.17		22.78	Pass	78	78	
		60	5310	15.35		15.43		18.40		22.78	Pass	76	76	
		102	5510	15.95		15.81		18.89		22.78	Pass	78	78	
		110	5550	15.90		16.03		18.98		22.78	Pass	78	78	
		134	5670	16.01		16.12		19.08		22.78	Pass	78	78	
		151	5755	23.26		23.57		26.43		28.78	Pass	110	110	
		159	5795	22.94		23.53		26.26		28.78	Pass	110	110	
Mode:	802.11ax(80MHz)	Data Rate:	HE0NSS1	Conducted power								Power Index		
				MIMO Mode(2TX+2RX)										
Test Conditions		Channel	Ant 3+5						Total Power		Limit			
			Reading Level											
			Frequency		Avg. (dBm)									
		(MHz)	Ant3		Ant5		Avg. (dBm (Ant 3+5))		Avg. (dBm)	Pass/Fail	Ant 3	Ant 5		
Tnom (25 °C)	Vnom (120V)	42	5210	10.89		10.66		13.79		28.78	Pass	43	43	
		58	5290	14.40		14.63		17.53		22.78	Pass	72	72	
		106	5530	15.69		15.81		18.76		22.78	Pass	77	77	
		122	5610	16.17		13.24		17.96		22.78	Pass	78	78	
		155	5775	18.23		18.11		21.18		28.78	Pass	87	87	
Mode:	802.11ax(160MHz)	Data Rate:	HE0NSS1	Conducted power								Power Index		
				MIMO Mode(2TX+2RX)										
Test Conditions		Channel	Ant 3+5						Total Power		Limit			
			Reading Level											
			Frequency		Avg. (dBm)									
		(MHz)	Ant3		Ant5		Avg. (dBm (Ant 3+5))		Avg. (dBm)	Pass/Fail	Ant 3	Ant 5		
Tnom (25 °C)	Vnom (120V)	50	5250	10.51		10.79		13.66		28.78	Pass	56	56	

Tnom (25 °C)	Vnom (120V)	114	5570	13.95	14.21	17.09	28.78	Pass	70	70
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Antenna Technology:		Beamforming 4*4													
Mode:	802.11n(20MHz)	Data Rate:	MCS0	Conducted power								Power Index			
				MIMO Mode(4TX+4RX)											
Test Conditions	Channel	Frequency	Ant3	Ant5	Ant6	Ant7	Total Power		Limit						
		Reading Level	Reading Level	Reading Level	Reading Level										
		(MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5	Ant 6	Ant 7
Tnom (25 °C)	Vnom (120V)	36	5180	4.96	5.02	4.92	4.76	10.94	25.77	Pass	24	24	24	24	
		40	5200	4.76	5.00	4.44	4.94	10.81	25.77	Pass	24	24	24	24	
		44	5220	4.27	4.59	4.89	4.59	10.61	25.77	Pass	24	24	24	24	
		48	5240	4.20	4.67	4.82	4.42	10.55	25.77	Pass	24	24	24	24	
		52	5260	10.69	10.62	10.72	10.42	16.63	19.77	Pass	56	56	56	56	
		60	5300	10.53	10.53	10.52	10.29	16.49	19.77	Pass	56	56	56	56	
		64	5320	10.37	10.50	10.59	10.40	16.49	19.77	Pass	56	56	56	56	
		100	5500	10.55	10.42	10.58	10.39	16.51	19.77	Pass	56	56	56	56	
		104	5520	10.38	10.44	10.63	10.35	16.47	19.77	Pass	56	56	56	56	
		116	5580	10.33	10.43	10.62	10.41	16.47	19.77	Pass	56	56	56	56	
		140	5700	10.47	10.56	10.59	10.41	16.53	19.77	Pass	56	56	56	56	
		149	5745	19.36	19.44	19.92	19.22	25.51	25.77	Pass	96	96	96	96	
		157	5785	19.01	19.28	19.85	19.20	25.37	25.77	Pass	96	96	96	96	
		165	5825	19.12	19.27	19.68	19.21	25.35	25.77	Pass	96	96	96	96	
Mode:	802.11n(40MHz)	Data Rate:	MCS0	Conducted power								Power Index			
				MIMO Mode(4TX+4RX)											
Test Conditions	Channel	Frequency	Ant3	Ant5	Ant6	Ant7	Total Power		Limit						
		Reading Level	Reading Level	Reading Level	Reading Level										
		(MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5	Ant 6	Ant 7
Tnom (25 °C)	Vnom (120V)	38	5190	4.59	4.50	4.57	4.40	10.54	25.77	Pass	20	20	20	20	
		46	5230	4.45	4.35	4.35	4.57	10.45	25.77	Pass	20	20	20	20	
		52	5270	10.63	10.59	10.64	10.44	16.60	19.77	Pass	56	56	56	56	
		60	5310	10.46	10.42	10.70	10.39	16.51	19.77	Pass	56	56	56	56	
		102	5510	10.48	10.32	10.77	10.41	16.52	19.77	Pass	56	56	56	56	
		110	5550	10.55	10.48	10.71	10.33	16.54	19.77	Pass	56	56	56	56	
		134	5670	10.38	10.54	10.61	10.43	16.51	19.77	Pass	56	56	56	56	
		151	5755	19.30	19.82	19.46	19.62	25.57	25.77	Pass	96	96	96	96	
		159	5795	19.10	19.35	19.87	19.24	25.42	25.77	Pass	96	96	96	96	
Mode:	802.11ac(20MHz)	Data Rate:	MCS0NSS1	Conducted power								Power Index			
				MIMO Mode(4TX+4RX)											
Test Conditions	Channel	Frequency	Ant3	Ant5	Ant6	Ant7	Total Power		Limit						
		Reading Level	Reading Level	Reading Level	Reading Level										
		(MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5	Ant 6	Ant 7
Tnom (25 °C)	Vnom (120V)	36	5180	4.87	4.36	4.35	4.54	10.56	25.77	Pass	24	24	24	24	
		40	5200	4.70	4.54	4.81	4.56	10.67	25.77	Pass	24	24	24	24	
		44	5220	4.51	4.63	4.30	4.58	10.53	25.77	Pass	24	24	24	24	
		48	5240	4.58	4.41	4.46	4.63	10.54	25.77	Pass	24	24	24	24	
		52	5260	10.59	10.74	10.74	10.41	16.64	19.77	Pass	56	56	56	56	
		60	5300	10.51	10.50	10.63	10.33	16.51	19.77	Pass	56	56	56	56	
		64	5320	10.34	10.46	10.62	10.34	16.46	19.77	Pass	56	56	56	56	
		100	5500	10.49	10.46	10.52	10.36	16.48	19.77	Pass	56	56	56	56	
		104	5520	10.40	10.37	10.59	10.35	16.45	19.77	Pass	56	56	56	56	
		116	5580	10.41	10.31	10.61	10.47	16.47	19.77	Pass	56	56	56	56	
		140	5700	10.49	10.57	10.56	10.44	16.54	19.77	Pass	56	56	56	56	
		149	5745	19.35	19.53	19.78	19.23	25.50	25.77	Pass	96	96	96	96	
		157	5785	19.05	19.16	19.71	19.20	25.31	25.77	Pass	96	96	96	96	
		165	5825	19.32	19.12	19.84	19.20	25.40	25.77	Pass	96	96	96	96	
Mode:	802.11ac(40MHz)	Data Rate:	MCS0NSS1	Conducted power								Power Index			
				MIMO Mode(4TX+4RX)											
Test Conditions	Channel	Frequency	Ant3	Ant5	Ant6	Ant7	Total Power		Limit						
		Reading Level	Reading Level	Reading Level	Reading Level										
		(MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5	Ant 6	Ant 7
		38	5190	4.92	4.84	4.48	4.21	10.64	25.77	Pass	20	20	20	20	
		46	5230	4.89	4.41	4.52	4.39	10.58	25.77	Pass	20	20	20	20	

Test Conditions		Channel	Frequency	Ant3	Ant5	Ant6	Ant7	Total Power	Limit		Pass/Fail			
				Reading Level	Reading Level	Reading Level	Reading Level							
			(MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	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)	50	5250	4.92	4.81	4.97	4.71	10.87	19.28	Pass	34	34	34	34
		114	5570	10.64	10.67	10.69	10.47	16.64	19.28	Pass	56	56	56	56

FCC 5GHz Power Table-Radio 1(> 30° 5150~5250MHz Power)



Standard:	FCC Part 15.407	Test Date:	2019.10.21	Temperature:	25℃		Humidity:	55%RH		
Project No. :	19A2144R			Product Name:	Wireless Access point		Model Name:	AP460C	Test Site:	TR8
Antenna Gain(dBi)		Ant 4	3.34							
Operating temperature range:		Low	-40℃	Nor	25℃	High	60℃	Test Engineer	Pawn	

Test Eng:	Pawn										
Antenna Technology:	SISO										
Mode:	802.11a	Data Rate:	6Mbps	Conducted power		EIRP		Power Index			
				SISO mode							
				Ant4		Total Power	Limit				
Test Conditions		Channel	Frequency	Reading Level		Ant4		Ant 3			
			(MHz)	Avg. (dBm)		Avg. (dBm)	Avg. (dBm)		Pass/Fail		
Tnom (25 °C)	Vnom (120V)	36	5180	16.53		19.87		21.00	Pass	70	
		40	5200	17.29		20.63		21.00		Pass	74
		44	5220	17.35		20.69		21.00		Pass	74
		48	5240	17.27		20.61		21.00		Pass	74
Mode:	802.11n(20MHz)	Data Rate:	MCS0	Conducted power		EIRP		Power Index			
				SISO mode							
				Ant4		Total Power	Limit				
Test Conditions		Channel	Frequency	Reading Level		Ant4		Ant 3			
			(MHz)	Avg. (dBm)		Avg. (dBm)	Avg. (dBm)		Pass/Fail		
Tnom (25 °C)	Vnom (120V)	36	5180	16.55		19.89		21.00	Pass	70	
		40	5200	17.50		20.84		21.00		Pass	74
		44	5220	17.39		20.73		21.00		Pass	74
		48	5240	17.33		20.67		21.00		Pass	74
Mode:	802.11n(40MHz)	Data Rate:	MCS0	Conducted power		EIRP		Power Index			
				SISO mode							
				Ant4		Total Power	Limit				
Test Conditions		Channel	Frequency	Reading Level		Ant4		Ant 3			
			(MHz)	Avg. (dBm)		Avg. (dBm)	Avg. (dBm)		Pass/Fail		
Tnom (25 °C)	Vnom (120V)	38	5190	15.22		18.56		21.00	Pass	64	
		46	5230	17.36		20.70		21.00		Pass	74
Mode:	802.11ac(20MHz)	Data Rate:	MCS0NSS1	Conducted power		EIRP		Power			
				SISO mode							

				Ant4	Total Power	Limit		Index			
Test Conditions		Channel	Frequency	Reading Level		Ant4		Ant 3			
			(MHz)	Avg. (dBm)		Avg. (dBm)	Avg. (dBm)		Pass/Fail		
Tnom (25 °C)	Vnom (120V)	36	5180	16.94		20.28		21.00	Pass	70	
		40	5200	17.53		20.87		21.00		Pass	74
		44	5220	17.51		20.85		21.00		Pass	74
		48	5240	17.43		20.77		21.00		Pass	74
Mode:	802.11ac(40MHz)	Data Rate:	MCS0NSS1	Conducted power		EIRP				Power Index	
				SISO mode							
Test Conditions		Channel	Frequency	Reading Level		Ant4		Limit		Ant 3	
			(MHz)	Avg. (dBm)		Avg. (dBm)		Avg. (dBm)	Pass/Fail		
Tnom (25 °C)	Vnom (120V)	38	5190	15.52		18.86		21.00		Pass	66
		46	5230	17.42		20.76		21.00		Pass	74
Mode:	802.11ac(80MHz)	Data Rate:	MCS0NSS1	Conducted power		EIRP				Power Index	
				SISO mode							
Test Conditions		Channel	Frequency	Reading Level		Ant4		Limit		Ant 3	
			(MHz)	Avg. (dBm)		Avg. (dBm)		Avg. (dBm)	Pass/Fail		
Tnom (25 °C)	Vnom (120V)	42	5210	16.57		19.91		21.00		Pass	66
Mode:	802.11ax(20MHz)	Data Rate:	HE0NSS1	Conducted power		EIRP				Power Index	
				SISO mode							
Test Conditions		Channel	Frequency	Reading Level		Ant4		Limit		Ant 3	
			(MHz)	Avg. (dBm)		Avg. (dBm)		Avg. (dBm)	Pass/Fail		
Tnom (25 °C)	Vnom (120V)	36	5180	16.96		20.30		21.00		Pass	70
		40	5200	17.41		20.75		21.00		Pass	74
		44	5220	17.44		20.78		21.00		Pass	74
		48	5240	17.47		20.81		21.00		Pass	74
Mode:	802.11ax(40MHz)	Data Rate:	HE0NSS1	Conducted power		EIRP				Power Index	
				SISO mode							
Test Conditions		Channel	Frequency	Reading Level		Ant4		Limit		Ant 3	
			(MHz)	Avg. (dBm)		Avg. (dBm)		Avg. (dBm)	Pass/Fail		
Tnom (25 °C)	Vnom (120V)	38	5190	15.56		18.90		21.00		Pass	66
		46	5230	17.39		20.73		21.00		Pass	74
Mode:	802.11ax(80MHz)	Data Rate:	HE0NSS1	Conducted power		EIRP				Power Index	
				SISO mode							
Test Conditions		Channel	Frequency	Reading Level		Ant4		Limit		Ant 3	
			(MHz)	Avg. (dBm)		Avg. (dBm)		Avg. (dBm)	Pass/Fail		

Test Conditions		Channel	Frequency	Reading Level	Ant4			
			(MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Pass/Fail	Ant 3
Tnom (25 °C)	Vnom (120V)	42	5210	16.51	19.85	21.00	Pass	66

FCC 5GHz Power Table-Radio 2(>30° 5150~5250MHz Power)



Standard:	FCC Part 15.407	Test Date:	2019.10.21	Temperature:	25℃	Humidity:	55%RH						
Project No. :	19A2144R			Product Name:	Wireless Access point	Model Name:	AP460C	Test Site:	TR8				
Antenna Gain(dBi)		Ant 1	2.09	Ant 2	3.14								
2*2 CDD-Directional Gain-Power(dBi)		3.14		2*2 BF-Directional Gain-Power(dBi)		6.15		Test Engineer	Pawn				
Operating temperature range:		Low	-40℃	Nor	25℃	High	60℃						
Test Eng:	Pawn												
Antenna Technology:	SISO												
Mode:	802.11a	Data Rate:	6Mbps	Conducted power			EIRP			Power Index			
				SISO mode									
				Ant1		Ant2		Total Power				Limit	
Test Conditions		Channel	Frequency	Reading Level		Reading Level		Ant1	Ant2				
			(MHz)	Avg. (dBm)		Avg. (dBm)		Avg. (dBm)		Avg. (dBm)	Pass/Fail	Ant 1	Ant2
Tnom (25 °C)	Vnom (120V)	36	5180	17.97		17.66		20.06	20.80	21.00	Pass	75	75
		40	5200	18.81		17.72		20.90	20.86	21.00	Pass	77	74
		44	5220	18.66		17.52		20.75	20.66	21.00	Pass	77	74
		48	5240	18.59		17.59		20.68	20.73	21.00	Pass	77	74
Mode:	802.11n(20MHz)	Data Rate:	MCS0	Conducted power			EIRP			Power Index			
				SISO mode									
				Ant1		Ant2		Total Power				Limit	
Test Conditions		Channel	Frequency	Reading Level		Reading Level		Ant1	Ant2				
			(MHz)	Avg. (dBm)		Avg. (dBm)		Avg. (dBm)		Avg. (dBm)	Pass/Fail	Ant 1	Ant2
Tnom (25 °C)	Vnom (120V)	36	5180	18.07		17.63		20.16	20.77	21.00	Pass	75	75
		40	5200	18.52		17.49		20.61	20.63	21.00	Pass	76	73
		44	5220	18.45		17.44		20.54	20.58	21.00	Pass	76	73
		48	5240	18.56		17.73		20.65	20.87	21.00	Pass	76	73
Mode:	802.11n(40MHz)	Data Rate:	MCS0	Conducted power			EIRP			Power Index			
				SISO mode									
				Ant1		Ant2		Total Power				Limit	
Test Conditions		Channel	Frequency	Reading Level		Reading Level		Ant1	Ant2				
			(MHz)	Avg. (dBm)		Avg. (dBm)		Avg. (dBm)		Avg. (dBm)	Pass/Fail	Ant 1	Ant2
Tnom (25 °C)	Vnom (120V)	38	5190	15.64		15.46		17.73	18.60	21.00	Pass	66	66
		46	5230	18.65		17.55		20.74	20.69	21.00	Pass	78	76
Mode:	802.11ac(20MHz)	Data Rate:	MCS0NSS1	Conducted power			EIRP			Power Index			
				SISO mode									
				Ant1		Ant2		Total Power				Limit	
			Frequency	Reading Level		Reading Level		Ant1	Ant2				



Test Conditions		Channel	(MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)		Avg. (dBm)	Pass/Fail	Ant 1	Ant2	
Tnom (25 °C)	Vnom (120V)	36	5180	18.12	17.13	20.21	20.27	21.00	Pass	75	75	
		40	5200	18.51	17.54	20.60	20.68	21.00	Pass	76	73	
		44	5220	18.54	17.47	20.63	20.61	21.00	Pass	76	73	
		48	5240	18.56	17.56	20.65	20.70	21.00	Pass	76	73	
Mode:	802.11ac(40MHz)	Data Rate:	MCS0NSS1	Conducted power		EIRP				Power Index		
				SISO mode								
				Ant1		Ant2		Total Power				Limit
Test Conditions		Channel	Frequency	Reading Level		Reading Level		Ant1	Ant2			
			(MHz)	Avg. (dBm)		Avg. (dBm)		Avg. (dBm)		Avg. (dBm)	Pass/Fail	Ant 1
Tnom (25 °C)	Vnom (120V)	38	5190	15.68	15.49	17.77	18.63	21.00	Pass	66	66	
		46	5230	18.58	17.43	20.67	20.57	21.00	Pass	78	76	
Mode:	802.11ac(80MHz)	Data Rate:	MCS0NSS1	Conducted power		EIRP				Power Index		
				SISO mode								
				Ant1		Ant2		Total Power				Limit
Test Conditions		Channel	Frequency	Reading Level		Reading Level		Ant1	Ant2			
			(MHz)	Avg. (dBm)		Avg. (dBm)		Avg. (dBm)		Avg. (dBm)	Pass/Fail	Ant 1
Tnom (25 °C)	Vnom (120V)	42	5210	16.51	16.39	18.60	19.53	21.00	Pass	68	68	
Mode:	802.11ax(20MHz)	Data Rate:	HE0NSS1	Conducted power		EIRP				Power Index		
				SISO mode								
				Ant1		Ant2		Total Power				Limit
Test Conditions		Channel	Frequency	Reading Level		Reading Level		Ant1	Ant2			
			(MHz)	Avg. (dBm)		Avg. (dBm)		Avg. (dBm)		Avg. (dBm)	Pass/Fail	Ant 1
Tnom (25 °C)	Vnom (120V)	36	5180	18.08	17.24	20.17	20.38	21.00	Pass	75	75	
		40	5200	18.75	17.52	20.84	20.66	21.00	Pass	76	73	
		44	5220	18.55	17.58	20.64	20.72	21.00	Pass	76	73	
		48	5240	18.50	17.62	20.59	20.76	21.00	Pass	76	73	
Mode:	802.11ax(40MHz)	Data Rate:	HE0NSS1	Conducted power		EIRP				Power Index		
				SISO mode								
				Ant1		Ant2		Total Power				Limit
Test Conditions		Channel	Frequency	Reading Level		Reading Level		Ant1	Ant2			
			(MHz)	Avg. (dBm)		Avg. (dBm)		Avg. (dBm)		Avg. (dBm)	Pass/Fail	Ant 1
Tnom (25 °C)	Vnom (120V)	38	5190	15.70	15.45	17.79	18.59	21.00	Pass	66	66	
		46	5230	18.53	17.42	20.62	20.56	21.00	Pass	78	76	
Mode:	802.11ax(80MHz)	Data Rate:	HE0NSS1	Conducted power		EIRP				Power Index		
				SISO mode								
				Ant1		Ant2		Total Power				Limit
Test Conditions		Channel	Frequency	Reading Level		Reading Level		Ant1	Ant2			
			(MHz)	Avg. (dBm)		Avg. (dBm)		Avg. (dBm)		Avg. (dBm)	Pass/Fail	Ant 1

Tnom (25 °C)	Vnom (120V)	42	5210	16.42	16.22	18.51	19.36	21.00	Pass	68	68	
Antenna Technology:	CDD 2*2											
Mode:	802.11a	Data Rate:	6Mbps	Conducted power		EIRP			Power Index			
				MIMO Mode(2TX+2RX)								
Test Conditions		Channel	Frequency	Reading Level		Total Power		Limit				
			Avg. (dBm)									
			(MHz)	Ant1	Ant2	Avg. (dBm (Ant 1+2)	Avg. (dBm)	Pass/Fail	Ant 1+2			
Tnom (25 °C)	Vnom (120V)	36	5180	13.11	12.92	19.17	21.00	Pass	56			
		40	5200	13.03	12.87	19.10	21.00	Pass	56			
		44	5220	13.19	12.93	19.21	21.00	Pass	56			
		48	5240	12.81	12.63	18.87	21.00	Pass	56			
Mode:	802.11n(20MHz)	Data Rate:	MCS0	Conducted power		EIRP			Power Index			
				MIMO Mode(2TX+2RX)								
Test Conditions		Channel	Frequency	Reading Level		Total Power		Limit				
			Avg. (dBm)									
			(MHz)	Ant1	Ant2	Avg. (dBm (Ant 1+2)	Avg. (dBm)	Pass/Fail	Ant 1+2			
Tnom (25 °C)	Vnom (120V)	36	5180	12.90	12.79	19.00	21.00	Pass	56			
		40	5200	12.88	12.65	18.92	21.00	Pass	56			
		44	5220	12.50	13.09	18.96	21.00	Pass	56			
		48	5240	13.04	12.80	19.07	21.00	Pass	56			
Mode:	802.11n(40MHz)	Data Rate:	MCS0	Conducted power		EIRP			Power Index			
				MIMO Mode(2TX+2RX)								
Test Conditions		Channel	Frequency	Reading Level		Total Power		Limit				
			Avg. (dBm)									
			(MHz)	Ant1	Ant2	Avg. (dBm (Ant 1+2)	Avg. (dBm)	Pass/Fail	Ant 1+2			
Tnom (25 °C)	Vnom (120V)	38	5190	12.72	13.11	19.07	21.00	Pass	56			
		46	5230	12.81	12.60	18.86	21.00	Pass	56			
Mode:	802.11ac(20MHz)	Data Rate:	MCS0NSS1	Conducted power		EIRP			Power Index			
				MIMO Mode(2TX+2RX)								
Test Conditions		Channel	Frequency	Reading Level		Total Power		Limit				
			Avg. (dBm)									
			(MHz)	Ant1	Ant2	Avg. (dBm (Ant 1+2)	Avg. (dBm)	Pass/Fail	Ant 1+2			
Tnom (25 °C)	Vnom (120V)	36	5180	12.93	12.75	18.99	21.00	Pass	56			
		40	5200	12.94	12.61	18.93	21.00	Pass	56			

Tnom (25 °C)	Vnom (120V)	44	5220	12.76	13.12	19.09	21.00	Pass	56
		48	5240	13.00	12.76	19.03	21.00	Pass	56
Mode:	802.11ac(40MHz)	Data Rate:	MCS0NSS1	Conducted power		EIRP			Power Index
				MIMO Mode(2TX+2RX)					
Test Conditions		Channel	Frequency	Reading Level		Total Power	Limit		
				Avg. (dBm)					
			(MHz)	Ant1	Ant2	Avg. (dBm (Ant 1+2)	Avg. (dBm)	Pass/Fail	Ant 1+2
Tnom (25 °C)	Vnom (120V)	38	5190	12.99	12.65	18.97	21.00	Pass	56
		46	5230	13.01	12.88	19.10	21.00	Pass	56
Mode:	802.11ac(80MHz)	Data Rate:	MCS0NSS1	Conducted power		EIRP			Power Index
				MIMO Mode(2TX+2RX)					
Test Conditions		Channel	Frequency	Reading Level		Total Power	Limit		
				Avg. (dBm)					
			(MHz)	Ant1	Ant2	Avg. (dBm (Ant 1+2)	Avg. (dBm)	Pass/Fail	Ant 1+2
Tnom (25 °C)	Vnom (120V)	42	5210	13.06	12.87	19.12	21.00	Pass	56
Mode:	802.11ax(20MHz)	Data Rate:	HE0NSS1	Conducted power		EIRP			Power Index
				MIMO Mode(2TX+2RX)					
Test Conditions		Channel	Frequency	Reading Level		Total Power	Limit		
				Avg. (dBm)					
			(MHz)	Ant1	Ant2	Avg. (dBm (Ant 1+2)	Avg. (dBm)	Pass/Fail	Ant 1+2
Tnom (25 °C)	Vnom (120V)	36	5180	12.91	12.79	19.00	21.00	Pass	56
		40	5200	12.92	12.73	18.98	21.00	Pass	56
		44	5220	12.70	13.09	19.05	21.00	Pass	56
		48	5240	13.01	12.86	19.09	21.00	Pass	56
Mode:	802.11ax(40MHz)	Data Rate:	HE0NSS1	Conducted power		EIRP			Power Index
				MIMO Mode(2TX+2RX)					
Test Conditions		Channel	Frequency	Reading Level		Total Power	Limit		
				Avg. (dBm)					
			(MHz)	Ant1	Ant2	Avg. (dBm (Ant 1+2)	Avg. (dBm)	Pass/Fail	Ant 1+2
Tnom (25 °C)	Vnom (120V)	38	5190	12.71	12.83	18.92	21.00	Pass	56
		46	5230	12.91	12.70	18.96	21.00	Pass	56
Mode:	802.11ax(80MHz)	Data Rate:	HE0NSS1	Conducted power		EIRP			Power Index
				MIMO Mode(2TX+2RX)					
Test Conditions		Channel	Frequency	Reading Level		Total Power	Limit		
				Avg. (dBm)					
			(MHz)	Ant1	Ant2	Avg. (dBm (Ant 1+2)	Avg. (dBm)	Pass/Fail	Ant 1+2

Test Conditions		Channel	(MHz)	Ant1	Ant2	Avg. (dBm (Ant 1+2)	Avg. (dBm)	Pass/Fail	Ant 1+2
Tnom (25 °C)	Vnom (120V)	42	5210	12.96	12.78	19.02	21.00	Pass	56

Antenna Technology:		Beamforming 2*2							
Mode:	802.11n(20MHz)	Data Rate:	MCS0	Conducted power		EIRP			Power Index
				MIMO Mode(2TX+2RX)		Total Power	Limit		
				Ant 1+2					
Test Conditions		Channel	Frequency	Reading Level		Avg. (dBm (Ant 1+2)	Avg. (dBm)	Pass/Fail	Ant 1+2
			Avg. (dBm)						
			(MHz)	Ant1	Ant2				
Tnom (25 °C)	Vnom (120V)	36	5180	10.13	10.03	19.24	21.00	Pass	47
		40	5200	10.15	10.22	19.35	21.00	Pass	47
		44	5220	10.20	10.13	19.33	21.00	Pass	47
		48	5240	10.05	10.09	19.23	21.00	Pass	47
Mode:	802.11n(40MHz)	Data Rate:	MCS0	Conducted power		EIRP			Power Index
				MIMO Mode(2TX+2RX)		Total Power	Limit		
				Ant 1+2					
Test Conditions		Channel	Frequency	Reading Level		Avg. (dBm (Ant 1+2)	Avg. (dBm)	Pass/Fail	Ant 1+2
			Avg. (dBm)						
			(MHz)	Ant1	Ant2				
Tnom (25 °C)	Vnom (120V)	38	5190	10.00	10.17	19.25	21.00	Pass	47
		46	5230	10.01	10.29	19.31	21.00	Pass	47
Mode:	802.11ac(20MHz)	Data Rate:	MCS0NSS1	Conducted power		EIRP			Power Index
				MIMO Mode(2TX+2RX)		Total Power	Limit		
				Ant 1+2					
Test Conditions		Channel	Frequency	Reading Level		Avg. (dBm (Ant 1+2)	Avg. (dBm)	Pass/Fail	Ant 1+2
			Avg. (dBm)						
			(MHz)	Ant1	Ant2				
Tnom (25 °C)	Vnom (120V)	36	5180	10.18	10.00	19.25	21.00	Pass	47
		40	5200	10.20	10.12	19.32	21.00	Pass	47
		44	5220	10.14	10.11	19.29	21.00	Pass	47
		48	5240	10.30	10.08	19.35	21.00	Pass	47
Mode:	802.11ac(40MHz)	Data Rate:	MCS0NSS1	Conducted power		EIRP			Power Index
				MIMO Mode(2TX+2RX)		Total Power	Limit		
				Ant 1+2					
Test Conditions		Channel	Frequency	Reading Level		Avg. (dBm (Ant 1+2)	Avg. (dBm)	Pass/Fail	Ant 1+2
			Avg. (dBm)						
			(MHz)	Ant1	Ant2				

Test Conditions		Channel	(MHz)	Ant1	Ant2	Avg. (dBm (Ant 1+2)	Avg. (dBm)	Pass/Fail	Ant 1+2
Tnom (25 °C)	Vnom (120V)	38	5190	10.15	10.02	19.25	21.00	Pass	47
		46	5230	10.22	10.13	19.34	23.00	Pass	47
Mode:	802.11ac(80MHz)	Data Rate:	MCS0NSS1	Conducted power		EIRP			Power Index
				MIMO Mode(2TX+2RX)					
Test Conditions		Channel	Frequency	Reading Level		Total Power	Limit		
			Avg. (dBm)						
			(MHz)	Ant1	Ant2	Avg. (dBm (Ant 1+2)	Avg. (dBm)	Pass/Fail	
Tnom (25 °C)	Vnom (120V)	42	5210	9.88	10.16	19.18	21.00	Pass	47
Mode:	802.11ax(20MHz)	Data Rate:	HE0NSS1	Conducted power		EIRP			Power Index
				MIMO Mode(2TX+2RX)					
Test Conditions		Channel	Frequency	Reading Level		Total Power	Limit		
			Avg. (dBm)						
			(MHz)	Ant1	Ant2	Avg. (dBm (Ant 1+2)	Avg. (dBm)	Pass/Fail	
Tnom (25 °C)	Vnom (120V)	36	5180	10.10	10.01	19.22	21.00	Pass	47
		40	5200	10.06	9.92	19.15	21.00	Pass	47
		44	5220	10.14	9.87	19.17	21.00	Pass	47
		48	5240	10.20	10.17	19.35	21.00	Pass	47
Mode:	802.11ax(40MHz)	Data Rate:	HE0NSS1	Conducted power		EIRP			Power Index
				MIMO Mode(2TX+2RX)					
Test Conditions		Channel	Frequency	Reading Level		Total Power	Limit		
			Avg. (dBm)						
			(MHz)	Ant1	Ant2	Avg. (dBm (Ant 1+2)	Avg. (dBm)	Pass/Fail	
Tnom (25 °C)	Vnom (120V)	38	5190	9.96	10.11	19.20	21.00	Pass	47
		46	5230	10.02	9.99	19.17	21.00	Pass	47
Mode:	802.11ax(80MHz)	Data Rate:	HE0NSS1	Conducted power		EIRP			Power Index
				MIMO Mode(2TX+2RX)					
Test Conditions		Channel	Frequency	Reading Level		Total Power	Limit		
			Avg. (dBm)						
			(MHz)	Ant1	Ant2	Avg. (dBm (Ant 1+2)	Avg. (dBm)	Pass/Fail	
Tnom (25 °C)	Vnom (120V)	42	5210	9.69	10.08	19.05	21.00	Pass	47

FCC 5GHz Power Table-Radio 3(> 30° 5150~5250MHz Power)																
Standard:	FCC Part 15.407	Test Date:	2019.10.21	Temperature:	25℃		Humidity:	55%RH								
Project No. :	19A2144R			Product Name:	Wireless Access point		Model Name:	AP460C	Test Site:			TR8				
Antenna Gain(dBi)		Ant 3	2.52	Ant 5	3.10	Ant 6	3.91	Ant 7	2.30							
2*2 CDD-Directional Gain-Power(dBi)		3.91		2*2 BF-Directional Gain-Power(dBi)		6.92										
4*4 CDD-Directional Gain-Power(dBi)		3.91		4*4 BF-Directional Gain-Power(dBi)		9.93										
Operating temperature range:		Low	-40℃	Nor	25℃	High	60℃	Test Engineer	Pawn							
Test Eng:	Pawn															
Antenna Technology:	CDD 2*2															
Mode:	802.11a	Data Rate:	6Mbps	Conducted power					EIRP			Power Index				
Test Conditions		Channel	Frequency	MIMO Mode(2TX+2RX)					Total Power		Limit					
				Ant 3+5												
				Reading Level												
				Avg. (dBm)												
			(MHz)	Ant3			Ant5			Avg. (dBm (Ant 3+5))		Avg. (dBm)		Pass/Fail	Ant 3	Ant 5
Tnom (25℃)	Vnom (120V)	36	5180	13.53			13.61			20.49		21.00		Pass	55	55
		40	5200	13.79			13.66			20.65		21.00		Pass	55	55
		44	5220	13.99			13.62			20.73		21.00		Pass	55	55
		48	5240	13.59			14.17			20.81		21.00		Pass	55	55
Mode:	802.11n(20MHz)	Data Rate:	MCS0	Conducted power					EIRP			Power Index				
Test Conditions		Channel	Frequency	MIMO Mode(2TX+2RX)					Total Power		Limit					
				Ant 3+5												
				Reading Level												
				Avg. (dBm)												
			(MHz)	Ant3			Ant5			Avg. (dBm (Ant 3+5))		Avg. (dBm)		Pass/Fail	Ant 3	Ant 5
Tnom (25℃)	Vnom (120V)	36	5180	13.69			13.78			20.66		21.00		Pass	55	55
		40	5200	13.67			13.54			20.53		21.00		Pass	55	55
		44	5220	13.38			13.76			20.49		21.00		Pass	55	55
		48	5240	13.73			13.73			20.65		21.00		Pass	55	55
Mode:	802.11n(40MHz)	Data Rate:	MCS0	Conducted power					EIRP			Power Index				
Test Conditions		Channel	Frequency	MIMO Mode(2TX+2RX)					Total Power		Limit					
				Ant 3+5												
				Reading Level												
				Avg. (dBm)												
			(MHz)	Ant3			Ant5			Avg. (dBm (Ant 3+5))		Avg. (dBm)		Pass/Fail	Ant 3	Ant 5
Tnom (25℃)	Vnom (120V)	38	5190	13.98			13.81			20.82		21.00		Pass	52	52
		46	5230	13.71			13.59			20.57		21.00		Pass	52	52
Mode:	802.11ac(20MHz)	Data Rate:	MCS0NSS1	Conducted power					EIRP			Power Index				
Test Conditions		Channel	Frequency	MIMO Mode(2TX+2RX)					Total Power		Limit					
				Ant 3+5												
				Reading Level												
				Avg. (dBm)												
			(MHz)	Ant3			Ant5			Avg. (dBm (Ant 3+5))		Avg. (dBm)		Pass/Fail	Ant 3	Ant 5
Tnom (25℃)	Vnom (120V)	36	5180	13.57			13.51			20.46		21.00		Pass	55	55
		40	5200	13.78			13.61			20.62		21.00		Pass	55	55
		44	5220	14.00			14.08			20.96		21.00		Pass	55	55
		48	5240	13.93			13.91			20.84		21.00		Pass	55	55
Mode:	802.11ac(40MHz)	Data Rate:	MCS0NSS1	Conducted power					EIRP			Power Index				
Test Conditions		Channel	Frequency	MIMO Mode(2TX+2RX)					Total Power		Limit					
				Ant 3+5												
				Reading Level												
				Avg. (dBm)												



Test Conditions		Channel	(MHz)	Ant3	Ant5	Avg. (dBm (Ant 3+5)	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5
Tnom (25 °C)	Vnom (120V)	38	5190	13.22	13.74	20.41	21.00	Pass	52	52
		46	5230	13.96	13.65	20.73	21.00	Pass	52	52
Mode:	802.11ac(80MHz)	Data Rate:	MCS0NSS1	Conducted power		EIRP			Power Index	
				MIMO Mode(2TX+2RX)						
Test Conditions	Channel	Frequency	Ant 3+5		Total Power	Limit				
			Reading Level							
			Avg. (dBm)							
		(MHz)	Ant3	Ant5	Avg. (dBm (Ant 3+5)	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5	
Tnom (25 °C)	Vnom (120V)	42	5210	13.65	13.52	20.51	21.00	Pass	50	50
Mode:	802.11ax(20MHz)	Data Rate:	HE0NSS1	Conducted power		EIRP			Power Index	
				MIMO Mode(2TX+2RX)						
Test Conditions	Channel	Frequency	Ant 3+5		Total Power	Limit				
			Reading Level							
			Avg. (dBm)							
		(MHz)	Ant3	Ant5	Avg. (dBm (Ant 3+5)	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5	
Tnom (25 °C)	Vnom (120V)	36	5180	13.67	13.68	20.60	21.00	Pass	55	55
		40	5200	13.87	13.79	20.75	21.00	Pass	55	55
		44	5220	13.62	13.25	20.36	21.00	Pass	55	55
		48	5240	13.71	13.26	20.41	21.00	Pass	55	55
Mode:	802.11ax(40MHz)	Data Rate:	HE0NSS1	Conducted power		EIRP			Power Index	
				MIMO Mode(2TX+2RX)						
Test Conditions	Channel	Frequency	Ant 3+5		Total Power	Limit				
			Reading Level							
			Avg. (dBm)							
		(MHz)	Ant3	Ant5	Avg. (dBm (Ant 3+5)	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5	
Tnom (25 °C)	Vnom (120V)	38	5190	13.59	14.16	20.80	21.00	Pass	52	52
		46	5230	13.87	13.77	20.74	21.00	Pass	52	52
Mode:	802.11ax(80MHz)	Data Rate:	HE0NSS1	Conducted power		EIRP			Power Index	
				MIMO Mode(2TX+2RX)						
Test Conditions	Channel	Frequency	Ant 3+5		Total Power	Limit				
			Reading Level							
			Avg. (dBm)							
		(MHz)	Ant3	Ant5	Avg. (dBm (Ant 3+5)	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5	
Tnom (25 °C)	Vnom (120V)	42	5210	13.81	13.50	20.58	21.00	Pass	50	50
Mode:	802.11ax(160MHz)	Data Rate:	HE0NSS1	Conducted power		EIRP			Power Index	
				MIMO Mode(2TX+2RX)						
Test Conditions	Channel	Frequency	Ant 3+5		Total Power	Limit				
			Reading Level							
			Avg. (dBm)							
		(MHz)	Ant3	Ant5	Avg. (dBm (Ant 3+5)	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5	
Tnom (25 °C)	Vnom (120V)	50	5250	13.52	13.77	20.57	21.00	Pass	68	68

Antenna Technology:		CDD 4*4																	
Mode:	802.11a	Data Rate:	6Mbps	Conducted power				EIRP			Power Index								
				MIMO Mode(4TX+4RX)															
Test Conditions		Channel	Frequency	Ant3		Ant5		Ant6		Ant7					Total Power		Limit		
				Reading Level		Reading Level		Reading Level		Reading Level									
			(MHz)	Avg. (dBm)		Avg. (dBm)		Avg. (dBm)		Avg. (dBm)		Avg. (dBm) (Ant 3+5+6+7)		Avg. (dBm)		Pass/Fail	Ant 3	Ant 5	Ant 6
Tnom (25 °C)	Vnom (120V)	36	5180	10.74		10.85		10.33		10.45		20.53		21.00	Pass	46	46	46	46
		40	5200	10.72		10.34		10.24		10.30		20.33		21.00	Pass	46	46	46	46
		44	5220	10.86		10.78		10.38		10.53		20.57		21.00	Pass	46	46	46	46
		48	5240	10.83		10.71		10.26		10.50		20.51		21.00	Pass	46	46	46	46
Mode:	802.11n(20MHz)	Data Rate:	MCS0	Conducted power				EIRP			Power Index								
				MIMO Mode(4TX+4RX)															
				Ant 3+5+6+7															

Test Conditions		Channel	Frequency	Ant3	Ant5	Ant6	Ant7	Total Power	Limit			Index			
				Reading Level	Reading Level	Reading Level	Reading Level								
			(MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	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	10.90	10.95	10.26	10.59	20.61	21.00	Pass	46	46	46	46	
		40	5200	10.74	10.81	10.63	10.35	20.57	21.00	Pass	46	46	46	46	
		44	5220	10.62	10.91	10.47	10.47	20.55	21.00	Pass	46	46	46	46	
		48	5240	10.86	10.83	10.51	10.78	20.68	21.00	Pass	46	46	46	46	
Mode:	802.11n(40MHz)	Data Rate:	MCS0	Conducted power				EIRP			Power Index				
				MIMO Mode(4TX+4RX)											
Test Conditions		Channel	Frequency	Ant3	Ant5	Ant6	Ant7	Total Power	Limit			Power Index			
				Reading Level	Reading Level	Reading Level	Reading Level								
			(MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm) (Ant 3+5+6+7)	Avg. (dBm)	Pass/Fail	Ant 3				
Tnom (25 °C)	Vnom (120V)	38	5190	10.61	10.97	10.66	11.17	20.79	21.00	Pass	44	44	44	44	
		46	5230	10.66	10.77	10.39	10.55	20.53	21.00	Pass	44	44	44	44	
Mode:	802.11ac(20MHz)	Data Rate:	MCS0NSS1	Conducted power				EIRP			Power Index				
				MIMO Mode(4TX+4RX)											
Test Conditions		Channel	Frequency	Ant3	Ant5	Ant6	Ant7	Total Power	Limit			Power Index			
				Reading Level	Reading Level	Reading Level	Reading Level								
			(MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm) (Ant 3+5+6+7)	Avg. (dBm)	Pass/Fail	Ant 3				
Tnom (25 °C)	Vnom (120V)	36	5180	10.69	10.48	10.88	10.69	20.62	21.00	Pass	46	46	46	46	
		40	5200	10.57	10.86	10.41	10.27	20.46	21.00	Pass	46	46	46	46	
		44	5220	10.58	10.91	10.72	10.43	20.59	21.00	Pass	46	46	46	46	
		48	5240	10.63	10.73	10.47	10.56	20.53	21.00	Pass	46	46	46	46	
Mode:	802.11ac(40MHz)	Data Rate:	MCS0NSS1	Conducted power				EIRP			Power Index				
				MIMO Mode(4TX+4RX)											
Test Conditions		Channel	Frequency	Ant3	Ant5	Ant6	Ant7	Total Power	Limit			Power Index			
				Reading Level	Reading Level	Reading Level	Reading Level								
			(MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm) (Ant 3+5+6+7)	Avg. (dBm)	Pass/Fail	Ant 3				
Tnom (25 °C)	Vnom (120V)	38	5190	10.76	10.53	10.96	10.38	20.59	21.00	Pass	44	44	44	44	
		46	5230	10.69	10.84	10.67	10.55	20.62	21.00	Pass	44	44	44	44	
Mode:	802.11ac(80MHz)	Data Rate:	MCS0NSS1	Conducted power				EIRP			Power Index				
				MIMO Mode(4TX+4RX)											
Test Conditions		Channel	Frequency	Ant3	Ant5	Ant6	Ant7	Total Power	Limit			Power Index			
				Reading Level	Reading Level	Reading Level	Reading Level								
			(MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm) (Ant 3+5+6+7)	Avg. (dBm)	Pass/Fail	Ant 3				
Tnom (25 °C)	Vnom (120V)	42	5210	11.06	10.98	10.69	10.55	20.76	21.00	Pass	47	47	47	47	
Mode:	802.11ax(20MHz)	Data Rate:	HE0NSS1	Conducted power				EIRP			Power Index				
				MIMO Mode(4TX+4RX)											
Test Conditions		Channel	Frequency	Ant3	Ant5	Ant6	Ant7	Total Power	Limit			Power Index			
				Reading Level	Reading Level	Reading Level	Reading Level								
			(MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm) (Ant 3+5+6+7)	Avg. (dBm)	Pass/Fail	Ant 3				
Tnom (25 °C)	Vnom (120V)	36	5180	10.95	10.73	10.59	10.43	20.61	21.00	Pass	46	46	46	46	
		40	5200	10.77	10.91	10.45	10.41	20.57	21.00	Pass	46	46	46	46	
		44	5220	10.72	10.61	10.61	10.70	20.59	21.00	Pass	46	46	46	46	
		48	5240	10.50	10.62	10.38	10.65	20.47	21.00	Pass	46	46	46	46	
Mode:	802.11ax(40MHz)	Data Rate:	HE0NSS1	Conducted power				EIRP			Power Index				
				MIMO Mode(4TX+4RX)											
Test Conditions		Channel	Frequency	Ant3	Ant5	Ant6	Ant7	Total Power	Limit			Power Index			
				Reading Level	Reading Level	Reading Level	Reading Level								
			(MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm) (Ant 3+5+6+7)	Avg. (dBm)	Pass/Fail	Ant 3				
Tnom (25 °C)	Vnom (120V)	38	5190	10.60	11.07	10.86	10.71	20.74	21.00	Pass	44	44	44	44	
		46	5230	10.40	10.87	10.65	10.48	20.53	21.00	Pass	44	44	44	44	

Mode:	802.11ax(80MHz)	Data Rate:	HE0NSS1	Conducted power				EIRP			Power Index				
				MIMO Mode(4TX+4RX)											
				Ant 3+5+6+7											
Test Conditions		Channel	Frequency	Ant3	Ant5	Ant6	Ant7	Total Power		Limit					
			Reading Level	Reading Level	Reading Level	Reading Level									
			(MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm (Ant 3+5+6+7))	Avg. (dBm)	Pass/Fail					
Tnom (25 °C)	Vnom (120V)	42	5210	10.76	10.85	10.66	10.42	20.61	21.00	Pass	47	47	47	47	
Mode:	802.11ax(160MHz)	Data Rate:	HE0NSS1	Conducted power				EIRP			Power Index				
				MIMO Mode(4TX+4RX)											
				Ant 3+5+6+7											
Test Conditions		Channel	Frequency	Ant3	Ant5	Ant6	Ant7	Total Power		Limit					
			Reading Level	Reading Level	Reading Level	Reading Level									
			(MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm (Ant 3+5+6+7))	Avg. (dBm)	Pass/Fail					
Tnom (25 °C)	Vnom (120V)	50	5250	10.96	10.85	10.98	10.74	20.81	21.00	Pass	58	58	58	58	

Antenna Technology:		Beamforming 2*2													
Mode:	802.11n(20MHz)	Data Rate:	MCS0	Conducted power				EIRP			Power Index				
				MIMO Mode(2TX+2RX)											
Test Conditions		Channel	Frequency	Ant 3+5				Total Power		Limit					
			Reading Level												
			(MHz)	Avg. (dBm)											
Tnom (25 °C)	Vnom (120V)			Ant3		Ant5		Avg. (dBm (Ant 3+5)	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5			
		36	5180	11.04		10.73		20.82	21.00	Pass	42	42			
		40	5200	10.82		10.62		20.65	21.00	Pass	42	42			
		44	5220	10.95		10.47		20.65	21.00	Pass	42	42			
		48	5240	10.56		10.52		20.47	21.00	Pass	42	42			
Mode:	802.11n(40MHz)	Data Rate:	MCS0	Conducted power				EIRP			Power Index				
				MIMO Mode(2TX+2RX)											
Test Conditions		Channel	Frequency	Ant 3+5				Total Power		Limit					
			Reading Level												
			(MHz)	Avg. (dBm)											
Tnom (25 °C)	Vnom (120V)			Ant3		Ant5		Avg. (dBm (Ant 3+5)	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5			
		38	5190	10.61		10.91		20.69	21.00	Pass	41	41			
		46	5230	10.39		10.67		20.46	21.00	Pass	41	41			
Mode:	802.11ac(20MHz)	Data Rate:	MCS0NSS1	Conducted power				EIRP			Power Index				
				MIMO Mode(2TX+2RX)											
Test Conditions		Channel	Frequency	Ant 3+5				Total Power		Limit					
			Reading Level												
			(MHz)	Avg. (dBm)											
Tnom (25 °C)	Vnom (120V)			Ant3		Ant5		Avg. (dBm (Ant 3+5)	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5			
		36	5180	10.76		10.50		20.56	21.00	Pass	42	42			
		40	5200	10.54		10.62		20.51	21.00	Pass	42	42			
		44	5220	10.79		10.49		20.57	21.00	Pass	42	42			
		48	5240	10.93		10.68		20.74	21.00	Pass	42	42			
Mode:	802.11ac(40MHz)	Data Rate:	MCS0NSS1	Conducted power				EIRP			Power Index				
				MIMO Mode(2TX+2RX)											
Test Conditions		Channel	Frequency	Ant 3+5				Total Power		Limit					
			Reading Level												
			(MHz)	Avg. (dBm)											
Tnom (25 °C)	Vnom (120V)			Ant3		Ant5		Avg. (dBm (Ant 3+5)	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5			
		38	5190	10.77		10.65		20.64	21.00	Pass	41	41			
		46	5230	11.01		10.68		20.78	21.00	Pass	41	41			
Mode:	802.11ac(80MHz)	Data Rate:	MCS0NSS1	Conducted power				EIRP			Power Index				
				MIMO Mode(2TX+2RX)											
Test Conditions		Channel	Frequency	Ant 3+5				Total Power		Limit					
			Reading Level												
			(MHz)	Avg. (dBm)											

Test Conditions		Channel	(MHz)	Ant3	Ant5	Avg. (dBm (Ant 3+5)	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5
Tnom (25 °C)	Vnom (120V)	42	5210	10.62	10.96	20.72	21.00	Pass	43	43
Mode:	802.11ax(20MHz)	Data Rate:	HE0NSS1	Conducted power		EIRP			Power Index	
				MIMO Mode(2TX+2RX)						
Test Conditions		Channel	Frequency	Reading Level		Total Power	Limit			
			Avg. (dBm)							
			(MHz)	Ant3	Ant5	Avg. (dBm (Ant 3+5)	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5
Tnom (25 °C)	Vnom (120V)	36	5180	10.35	10.79	20.51	21.00	Pass	42	42
		40	5200	10.75	10.56	20.59	21.00	Pass	42	42
		44	5220	10.36	10.68	20.45	21.00	Pass	42	42
		48	5240	10.51	10.89	20.63	21.00	Pass	42	42
Mode:	802.11ax(40MHz)	Data Rate:	HE0NSS1	Conducted power		EIRP			Power Index	
				MIMO Mode(2TX+2RX)						
Test Conditions		Channel	Frequency	Reading Level		Total Power	Limit			
			Avg. (dBm)							
			(MHz)	Ant3	Ant5	Avg. (dBm (Ant 3+5)	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5
Tnom (25 °C)	Vnom (120V)	38	5190	10.62	10.66	20.57	21.00	Pass	41	41
		46	5230	10.81	10.63	20.65	21.00	Pass	41	41
Mode:	802.11ax(80MHz)	Data Rate:	HE0NSS1	Conducted power		EIRP			Power Index	
				MIMO Mode(2TX+2RX)						
Test Conditions		Channel	Frequency	Reading Level		Total Power	Limit			
			Avg. (dBm)							
			(MHz)	Ant3	Ant5	Avg. (dBm (Ant 3+5)	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5
Tnom (25 °C)	Vnom (120V)	42	5210	10.89	10.66	20.71	21.00	Pass	43	43
Mode:	802.11ax(160MHz)	Data Rate:	HE0NSS1	Conducted power		EIRP			Power Index	
				MIMO Mode(2TX+2RX)						
Test Conditions		Channel	Frequency	Reading Level		Total Power	Limit			
			Avg. (dBm)							
			(MHz)	Ant3	Ant5	Avg. (dBm (Ant 3+5)	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5
Tnom (25 °C)	Vnom (120V)	50	5250	10.51	10.79	20.58	21.00	Pass	56	56

Antenna Technology:		Beamforming 4*4													
Mode:	802.11n(20MHz)	Data Rate:	MCS0	Conducted power				EIRP			Power Index				
				MIMO Mode(4TX+4RX)											
Test Conditions		Channel	Frequency	Ant3	Ant5	Ant6	Ant7	Total Power		Limit					
			Reading Level	Reading Level	Reading Level	Reading Level									
			(MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	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	4.96	5.02	4.92	4.76	20.87	21.00	Pass	24	24	24	24	
		40	5200	4.76	5.00	4.44	4.94	20.74	21.00	Pass	24	24	24	24	
		44	5220	4.27	4.59	4.89	4.59	20.54	21.00	Pass	24	24	24	24	
		48	5240	4.20	4.67	4.82	4.42	20.49	21.00	Pass	24	24	24	24	
Mode:	802.11n(40MHz)	Data Rate:	MCS0	Conducted power				EIRP			Power Index				
				MIMO Mode(4TX+4RX)											
Test Conditions		Channel	Frequency	Ant3	Ant5	Ant6	Ant7	Total Power		Limit					
			Reading Level	Reading Level	Reading Level	Reading Level									
			(MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	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	4.59	4.50	4.57	4.40	20.47	21.00	Pass	20	20	20	20	
		46	5230	4.45	4.35	4.35	4.57	20.38	21.00	Pass	20	20	20	20	
Mode:	802.11ac(20MHz)	Data Rate:	MCS0NSS1	Conducted power				EIRP			Power Index				
				MIMO Mode(4TX+4RX)											
Test Conditions		Channel	Frequency	Ant3	Ant5	Ant6	Ant7	Total Power		Limit					
			Reading Level	Reading Level	Reading Level	Reading Level									
			(MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm (Ant 3+5+6+7))	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5	Ant 6	Ant 7	

Test Conditions		Channel	Frequency	Ant3	Ant5	Ant6	Ant7	Total Power	Limit		Index			
				Reading Level	Reading Level	Reading Level	Reading Level							
			(MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	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	4.87	4.36	4.35	4.54	20.49	21.00	Pass	24	24	24	24
		40	5200	4.70	4.54	4.81	4.56	20.61	21.00	Pass	24	24	24	24
		44	5220	4.51	4.63	4.30	4.58	20.46	21.00	Pass	24	24	24	24
		48	5240	4.58	4.41	4.46	4.63	20.47	21.00	Pass	24	24	24	24
Mode:	802.11ac(40MHz)	Data Rate:	MCS0NSS1	Conducted power				EIRP			Power Index			
				MIMO Mode(4TX+4RX)										
Test Conditions		Channel	Frequency	Ant3	Ant5	Ant6	Ant7	Total Power	Limit					
				Reading Level	Reading Level	Reading Level	Reading Level							
			(MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	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	4.92	4.84	4.48	4.21	20.57	21.00	Pass	20	20	20	20
		46	5230	4.89	4.41	4.52	4.39	20.51	21.00	Pass	20	20	20	20
Mode:	802.11ac(80MHz)	Data Rate:	MCS0NSS1	Conducted power				EIRP			Power Index			
				MIMO Mode(4TX+4RX)										
Test Conditions		Channel	Frequency	Ant3	Ant5	Ant6	Ant7	Total Power	Limit					
				Reading Level	Reading Level	Reading Level	Reading Level							
			(MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	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)	42	5210	4.53	4.74	4.49	4.82	20.60	21.00	Pass	21	21	21	21
Mode:	802.11ax(20MHz)	Data Rate:	HE0NSS1	Conducted power				EIRP			Power Index			
				MIMO Mode(4TX+4RX)										
Test Conditions		Channel	Frequency	Ant3	Ant5	Ant6	Ant7	Total Power	Limit					
				Reading Level	Reading Level	Reading Level	Reading Level							
			(MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	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	4.30	4.87	4.83	4.44	20.57	21.00	Pass	24	24	24	24
		40	5200	4.24	4.58	4.79	4.62	20.51	21.00	Pass	24	24	24	24
		44	5220	4.10	4.52	4.63	4.52	20.40	21.00	Pass	24	24	24	24
		48	5240	4.45	5.02	4.80	4.58	20.67	21.00	Pass	24	24	24	24
Mode:	802.11ax(40MHz)	Data Rate:	HE0NSS1	Conducted power				EIRP			Power Index			
				MIMO Mode(4TX+4RX)										
Test Conditions		Channel	Frequency	Ant3	Ant5	Ant6	Ant7	Total Power	Limit					
				Reading Level	Reading Level	Reading Level	Reading Level							
			(MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	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	4.96	4.77	4.57	4.33	20.61	21.00	Pass	20	20	20	20
		46	5230	4.88	4.52	4.42	4.43	20.52	21.00	Pass	20	20	20	20
Mode:	802.11ax(80MHz)	Data Rate:	HE0NSS1	Conducted power				EIRP			Power Index			
				MIMO Mode(4TX+4RX)										
Test Conditions		Channel	Frequency	Ant3	Ant5	Ant6	Ant7	Total Power	Limit					
				Reading Level	Reading Level	Reading Level	Reading Level							
			(MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	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)	42	5210	4.75	4.69	4.62	4.55	20.60	21.00	Pass	21	21	21	21
Mode:	802.11ax(160MHz)	Data Rate:	HE0NSS1	Conducted power				EIRP			Power Index			
				MIMO Mode(4TX+4RX)										
Test Conditions		Channel	Frequency	Ant3	Ant5	Ant6	Ant7	Total Power	Limit					
				Reading Level	Reading Level	Reading Level	Reading Level							
			(MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	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)	50	5250	4.92	4.81	4.97	4.71	20.80	21.00	Pass	34	34	34	34

FCC 5GHz Power Table-Radio 3(Dual 5G mode)															
Standard:	FCC Part 15.407	Test Date:	2020.04.07	Temperature:	25℃		Humidity:	55%RH							
Project No. :	1992128R			Product Name:	Wireless Access point		Model Name:	AP410C	Test Site:	TR8					
Antenna Gain(dBi)		Ant 3	4.19	Ant 5	3.22	Ant 6	3.96	Ant 7	4.21						
2*2 CDD-Directional Gain-Power(dBi)		4.21		2*2 BF-Directional Gain-Power(dBi)		7.22									
4*4 CDD-Directional Gain-Power(dBi)		4.21		4*4 BF-Directional Gain-Power(dBi)		10.23									
Operating temperature range:		Low	-40℃	Nor	25℃	High	60℃	Test Engineer	Pawn						
Test Eng:	Pawn														
Antenna Technology:	CDD 2*2														
Mode:	802.11a	Data Rate:	6Mbps	Conducted power MIMO Mode(2TX+2RX)							Power Index				
Test Conditions		Channel	Frequency	Ant 3+5 Reading Level			Total Power		Limit						
			(MHz)	Avg. (dBm)											
Tnom (25℃)	Vnom (120V)	100	5500	17.20			17.23			20.23		Avg. (dBm)	Pass/Fail	Ant 3	Ant 5
		104	5520	17.03			17.14			20.10		24.00	Pass	88	88
		116	5580	16.97			17.14			20.07		24.00	Pass	88	88
		140	5700	17.09			17.20			20.16		24.00	Pass	88	88
		149	5745	21.51			21.81			24.67		30.00	Pass	110	110
		157	5785	21.23			21.40			24.33		30.00	Pass	110	110
		165	5825	21.43			21.57			24.51		30.00	Pass	110	110
Mode:	802.11n(20MHz)	Data Rate:	MCS0	Conducted power MIMO Mode(2TX+2RX)							Power Index				
Test Conditions		Channel	Frequency	Ant 3+5 Reading Level			Total Power		Limit						
			(MHz)	Avg. (dBm)											
Tnom (25℃)	Vnom (120V)	100	5500	16.93			17.09			20.02		Avg. (dBm)	Pass	88	88
		104	5520	16.95			16.92			19.95		24.00	Pass	88	88
		116	5580	16.85			16.92			19.90		24.00	Pass	88	88
		140	5700	16.93			17.04			20.00		24.00	Pass	88	88
		149	5745	21.77			21.78			24.79		30.00	Pass	110	110
		157	5785	21.21			21.61			24.42		30.00	Pass	110	110
		165	5825	21.56			21.69			24.64		30.00	Pass	110	110
Mode:	802.11n(40MHz)	Data Rate:	MCS0	Conducted power MIMO Mode(2TX+2RX)							Power Index				
Test Conditions		Channel	Frequency	Ant 3+5 Reading Level			Total Power		Limit						
			(MHz)	Avg. (dBm)											
Tnom (25℃)	Vnom (120V)	102	5510	17.05			16.84			19.96		Avg. (dBm)	Pass	88	88
		110	5550	17.12			17.16			20.15		24.00	Pass	88	88
		134	5670	16.89			17.15			20.03		24.00	Pass	88	88
		151	5755	21.46			21.98			24.74		30.00	Pass	110	110
		159	5795	21.44			21.63			24.55		30.00	Pass	110	110
Mode:	802.11ac(20MHz)	Data Rate:	MCS0NSS1	Conducted power MIMO Mode(2TX+2RX)							Power Index				
Test Conditions		Channel	Frequency	Ant 3+5 Reading Level			Total Power		Limit						
			(MHz)	Avg. (dBm)											
Tnom (25℃)	Vnom (120V)	100	5500	17.06			17.05			20.07		Avg. (dBm)	Pass	88	88
		104	5520	17.00			17.09			20.06		24.00	Pass	88	88
		116	5580	17.09			16.90			20.01		24.00	Pass	88	88
		140	5700	16.99			17.11			20.06		24.00	Pass	88	88
		149	5745	21.52			21.84			24.69		30.00	Pass	110	110



		157	5785	21.27	21.43	24.36	30.00	Pass	110	110	
		165	5825	21.51	21.74	24.64	30.00	Pass	110	110	
Mode:	802.11ac(40MHz)	Data Rate:	MCS0NSS1	Conducted power					Power Index		
				MIMO Mode(2TX+2RX)							
Test Conditions		Channel	Frequency	Ant 3+5		Total Power		Limit			
			Reading Level								
			Avg. (dBm)								
		(MHz)	Ant3	Ant5	Avg. (dBm (Ant 3+5)	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5		
Tnom (25 °C)	Vnom (120V)	102	5510	16.90	16.93	19.93	24.00	Pass	88	88	
		110	5550	17.07	16.98	20.04	24.00	Pass	88	88	
		134	5670	17.17	17.14	20.17	24.00	Pass	88	88	
		151	5755	21.60	22.06	24.85	30.00	Pass	110	110	
		159	5795	21.46	21.79	24.64	30.00	Pass	110	110	
Mode:	802.11ac(80MHz)	Data Rate:	MCS0NSS1	Conducted power					Power Index		
				MIMO Mode(2TX+2RX)							
Test Conditions		Channel	Frequency	Ant 3+5		Total Power		Limit			
			Reading Level								
			Avg. (dBm)								
		(MHz)	Ant3	Ant5	Avg. (dBm (Ant 3+5)	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5		
Tnom (25 °C)	Vnom (120V)	106	5530	15.69	15.85	18.78	24.00	Pass	83	83	
		122	5610	17.38	17.39	20.40	24.00	Pass	88	88	
		155	5775	18.50	18.30	21.41	30.00	Pass	93	93	
Mode:	802.11ax(20MHz)	Data Rate:	HE0NSS1	Conducted power					Power Index		
				MIMO Mode(2TX+2RX)							
Test Conditions		Channel	Frequency	Ant 3+5		Total Power		Limit			
			Reading Level								
			Avg. (dBm)								
		(MHz)	Ant3	Ant5	Avg. (dBm (Ant 3+5)	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5		
Tnom (25 °C)	Vnom (120V)	100	5500	17.50	17.35	20.44	24.00	Pass	88	88	
		104	5520	17.28	17.26	20.28	24.00	Pass	88	88	
		116	5580	17.30	17.15	20.24	24.00	Pass	88	88	
		140	5700	17.24	17.47	20.37	24.00	Pass	88	88	
		149	5745	21.63	21.82	24.74	30.00	Pass	110	110	
		157	5785	21.19	21.54	24.38	30.00	Pass	110	110	
		165	5825	21.43	21.66	24.56	30.00	Pass	110	110	
Mode:	802.11ax(40MHz)	Data Rate:	HE0NSS1	Conducted power					Power Index		
				MIMO Mode(2TX+2RX)							
Test Conditions		Channel	Frequency	Ant 3+5		Total Power		Limit			
			Reading Level								
			Avg. (dBm)								
		(MHz)	Ant3	Ant5	Avg. (dBm (Ant 3+5)	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5		
Tnom (25 °C)	Vnom (120V)	102	5510	17.01	16.91	19.97	24.00	Pass	88	88	
		110	5550	16.95	17.19	20.08	24.00	Pass	88	88	
		134	5670	17.03	17.14	20.10	24.00	Pass	88	88	
		151	5755	21.57	22.08	24.84	30.00	Pass	110	110	
		159	5795	21.44	21.63	24.55	30.00	Pass	110	110	
Mode:	802.11ax(80MHz)	Data Rate:	HE0NSS1	Conducted power					Power Index		
				MIMO Mode(2TX+2RX)							
Test Conditions		Channel	Frequency	Ant 3+5		Total Power		Limit			
			Reading Level								
			Avg. (dBm)								
		(MHz)	Ant3	Ant5	Avg. (dBm (Ant 3+5)	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5		
Tnom (25 °C)	Vnom (120V)	106	5530	15.52	15.74	18.64	24.00	Pass	83	83	
		122	5610	17.32	17.29	20.32	24.00	Pass	88	88	
		155	5775	18.57	18.65	21.62	30.00	Pass	93	93	
Mode:	802.11ax(160MHz)	Data Rate:	HE0NSS1	Conducted power					Power Index		
				MIMO Mode(2TX+2RX)							
Test Conditions		Channel	Frequency	Ant 3+5		Total Power		Limit			
			Reading Level								
			Avg. (dBm)								
		(MHz)	Ant3	Ant5	Avg. (dBm (Ant 3+5)	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5		
Tnom (25 °C)	Vnom (120V)	114	5570	13.96	14.15	17.07	24.00	Pass	76	76	

Antenna Technology:		CDD 4*4													
Mode:	802.11a	Data Rate:	6Mbps	Conducted power MIMO Mode(4TX+4RX)								Power Index			
Test Conditions	Channel	Frequency	Ant 3+5+6+7				Total Power	Limit							
			Ant3	Ant5	Ant6	Ant7									
			Reading Level	Reading Level	Reading Level	Reading Level									
			(MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	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)	100	5500	10.91	11.00	10.99	10.77	16.94	24.00	Pass	62	62	62	62	
		104	5520	10.79	10.74	11.10	10.71	16.86	24.00	Pass	62	62	62	62	
		116	5580	10.80	10.78	10.98	10.95	16.90	24.00	Pass	62	62	62	62	
		140	5700	10.84	10.89	10.90	10.96	16.92	24.00	Pass	62	62	62	62	
		149	5745	21.52	21.55	22.01	21.30	27.62	30.00	Pass	110	110	110	110	
		157	5785	21.23	21.37	21.97	21.38	27.52	30.00	Pass	110	110	110	110	
		165	5825	21.58	21.47	21.91	21.32	27.60	30.00	Pass	110	110	110	110	
Mode:	802.11n(20MHz)	Data Rate:	MCS0	Conducted power MIMO Mode(4TX+4RX)								Power Index			
Test Conditions	Channel	Frequency	Ant 3+5+6+7				Total Power	Limit							
			Ant3	Ant5	Ant6	Ant7									
			Reading Level	Reading Level	Reading Level	Reading Level									
			(MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	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)	100	5500	10.86	10.86	10.86	10.67	16.83	24.00	Pass	62	62	62	62	
		104	5520	10.71	10.94	11.08	10.78	16.90	24.00	Pass	62	62	62	62	
		116	5580	10.78	10.87	10.97	10.75	16.86	24.00	Pass	62	62	62	62	
		140	5700	10.99	11.08	11.02	10.92	17.02	24.00	Pass	62	62	62	62	
		149	5745	21.76	21.67	22.19	21.54	27.82	30.00	Pass	110	110	110	110	
		157	5785	21.19	21.57	22.14	21.40	27.61	30.00	Pass	110	110	110	110	
		165	5825	21.50	21.36	22.20	21.51	27.68	30.00	Pass	110	110	110	110	
Mode:	802.11n(40MHz)	Data Rate:	MCS0	Conducted power MIMO Mode(4TX+4RX)								Power Index			
Test Conditions	Channel	Frequency	Ant 3+5+6+7				Total Power	Limit							
			Ant3	Ant5	Ant6	Ant7									
			Reading Level	Reading Level	Reading Level	Reading Level									
			(MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	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)	102	5510	13.34	13.23	13.61	13.31	19.40	24.00	Pass	74	74	74	74	
		110	5550	13.49	13.50	13.60	13.22	19.48	24.00	Pass	74	74	74	74	
		134	5670	13.20	13.48	13.59	13.33	19.42	24.00	Pass	74	74	74	74	
		151	5755	21.52	21.96	22.71	21.99	28.09	30.00	Pass	110	110	110	110	
		159	5795	21.29	21.69	22.31	21.58	27.75	30.00	Pass	110	110	110	110	
Mode:	802.11ac(20MHz)	Data Rate:	MCS0NSS1	Conducted power MIMO Mode(4TX+4RX)								Power Index			
Test Conditions	Channel	Frequency	Ant 3+5+6+7				Total Power	Limit							
			Ant3	Ant5	Ant6	Ant7									
			Reading Level	Reading Level	Reading Level	Reading Level									
			(MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	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)	100	5500	10.89	10.94	10.92	10.70	16.88	24.00	Pass	62	62	62	62	
		104	5520	10.68	10.81	10.96	10.65	16.80	24.00	Pass	62	62	62	62	
		116	5580	10.76	10.90	10.87	10.70	16.83	24.00	Pass	62	62	62	62	
		140	5700	10.91	11.07	11.17	10.79	17.01	24.00	Pass	62	62	62	62	
		149	5745	21.76	21.75	22.10	21.36	27.77	30.00	Pass	110	110	110	110	
		157	5785	21.38	21.56	22.10	21.54	27.67	30.00	Pass	110	110	110	110	
		165	5825	21.43	21.46	22.03	21.42	27.61	30.00	Pass	110	110	110	110	
Mode:	802.11ac(40MHz)	Data Rate:	MCS0NSS1	Conducted power MIMO Mode(4TX+4RX)								Power Index			
Test Conditions	Channel	Frequency	Ant 3+5+6+7				Total Power	Limit							
			Ant3	Ant5	Ant6	Ant7									
			Reading Level	Reading Level	Reading Level	Reading Level									
			(MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	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)	102	5510	13.43	13.19	13.54	13.15	19.35	24.00	Pass	74	74	74	74	
		110	5550	13.40	13.51	13.59	13.30	19.47	24.00	Pass	74	74	74	74	
		134	5670	13.45	13.48	13.44	13.29	19.44	24.00	Pass	74	74	74	74	
		151	5755	21.51	21.97	22.57	22.06	28.06	30.00	Pass	110	110	110	110	
		159	5795	21.28	21.58	22.45	21.73	27.80	30.00	Pass	110	110	110	110	
Mode:	802.11ac(80MHz)	Data Rate:	MCS0NSS1	Conducted power MIMO Mode(4TX+4RX)								Power			

				Ant 3+5+6+7				Total Power	Limit		Power Index				
Test Conditions		Channel	Frequency	Ant3	Ant5	Ant6	Ant7								
			(MHz)	Reading Level	Reading Level	Reading Level	Reading Level								
				Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	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)	106	5530	13.90	14.17	14.34	14.12	20.16	24.00	Pass	76	76	76	76	
		122	5610	14.79	14.73	14.51	14.66	20.69	24.00	Pass	78	78	78	78	
		155	5775	17.17	17.02	16.98	17.10	23.09	30.00	Pass	87	87	87	87	
Mode:	802.11ax(20MHz)	Data Rate:	HE0NSS1	Conducted power MIMO Mode(4TX+4RX)				Total Power		Limit		Power Index			
Test Conditions		Channel	Frequency	Ant3	Ant5	Ant6	Ant7								
			(MHz)	Reading Level	Reading Level	Reading Level	Reading Level								
				Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	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)	100	5500	10.93	10.93	11.00	10.72	16.92	24.00	Pass	62	62	62	62	
		104	5520	10.85	10.95	11.07	10.74	16.92	24.00	Pass	62	62	62	62	
		116	5580	10.85	10.84	11.01	10.77	16.89	24.00	Pass	62	62	62	62	
		140	5700	10.83	10.97	11.03	10.89	16.95	24.00	Pass	62	62	62	62	
		149	5745	21.72	21.58	22.05	21.40	27.71	30.00	Pass	110	110	110	110	
		157	5785	21.50	21.47	22.12	21.31	27.63	30.00	Pass	110	110	110	110	
		165	5825	21.57	21.62	22.05	21.34	27.67	30.00	Pass	110	110	110	110	
Mode:	802.11ax(40MHz)	Data Rate:	HE0NSS1	Conducted power MIMO Mode(4TX+4RX)				Total Power		Limit		Power Index			
Test Conditions		Channel	Frequency	Ant3	Ant5	Ant6	Ant7								
			(MHz)	Reading Level	Reading Level	Reading Level	Reading Level								
				Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	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)	102	5510	13.47	13.21	13.49	13.18	19.36	24.00	Pass	74	74	74	74	
		110	5550	13.35	13.30	13.46	13.30	19.37	24.00	Pass	74	74	74	74	
		134	5670	14.48	14.55	13.55	13.34	20.03	24.00	Pass	74	74	74	74	
		151	5755	21.53	22.08	22.80	21.83	28.11	30.00	Pass	110	110	110	110	
		159	5795	21.31	21.57	22.20	21.64	27.71	30.00	Pass	110	110	110	110	
Mode:	802.11ax(80MHz)	Data Rate:	HE0NSS1	Conducted power MIMO Mode(4TX+4RX)				Total Power		Limit		Power Index			
Test Conditions		Channel	Frequency	Ant3	Ant5	Ant6	Ant7								
			(MHz)	Reading Level	Reading Level	Reading Level	Reading Level								
				Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	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)	106	5530	13.83	14.22	14.34	14.30	20.20	24.00	Pass	76	76	76	76	
		122	5610	14.72	14.68	14.44	14.56	20.62	24.00	Pass	78	78	78	78	
		155	5775	17.23	16.89	17.10	17.16	23.12	30.00	Pass	87	87	87	87	
Mode:	802.11ax(160MHz)	Data Rate:	HE0NSS1	Conducted power MIMO Mode(4TX+4RX)				Total Power		Limit		Power Index			
Test Conditions		Channel	Frequency	Ant3	Ant5	Ant6	Ant7								
			(MHz)	Reading Level	Reading Level	Reading Level	Reading Level								
				Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	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)	114	5570	12.53	12.66	12.59	12.45	18.58	30.00	Pass	70	70	70	70	

Antenna Technology:		Beamforming 2*2											
Mode:	802.11n(20MHz)	Data Rate:	MCS0	Conducted power							Power Index		
				MIMO Mode(2TX+2RX)									
Test Conditions		Channel	Frequency	Ant 3+5			Total Power		Limit				
			Reading Level										
			(MHz)	Avg. (dBm)			Avg. (dBm)	Pass/Fail	Ant 3	Ant 5			
Tnom (25 °C)	Vnom (120V)	100	5500	16.14			15.98	19.07	22.78	Pass	84	84	
		104	5520	15.92			16.10	19.02	22.78	Pass	84	84	
		116	5580	16.02			16.05	19.05	22.78	Pass	84	84	
		140	5700	16.03			16.11	19.08	22.78	Pass	84	84	
		149	5745	21.63			21.94	24.80	28.78	Pass	110	110	
		157	5785	21.37			21.63	24.51	28.78	Pass	110	110	
		165	5825	21.40			21.69	24.56	28.78	Pass	110	110	
				Conducted power									

Mode:	802.11n(40MHz)	Data Rate:	MCS0	MIMO Mode(2TX+2RX)						Power Index		
Test Conditions		Channel	Frequency	Ant 3+5		Total Power		Limit				
			Reading Level									
			Avg. (dBm)									
			(MHz)	Ant3	Ant5	Avg. (dBm (Ant 3+5))		Avg. (dBm)	Pass/Fail	Ant 3	Ant 5	
Tnom (25 °C)	Vnom (120V)	102	5510	15.89	15.73	18.82		22.78	Pass	84	84	
		110	5550	15.90	15.90	18.91		22.78	Pass	84	84	
		134	5670	15.95	16.10	19.04		22.78	Pass	84	84	
		151	5755	21.81	22.23	25.04		28.78	Pass	110	110	
		159	5795	21.55	21.99	24.79		28.78	Pass	110	110	
Mode:	802.11ac(20MHz)	Data Rate:	MCS0NSS1	Conducted power						Power Index		
Test Conditions		Channel	Ant 3+5		Total Power		Limit					
			MIMO Mode(2TX+2RX)									
			Reading Level									
			(MHz)	Ant3	Ant5	Avg. (dBm (Ant 3+5))		Avg. (dBm)	Pass/Fail	Ant 3	Ant 5	
Tnom (25 °C)	Vnom (120V)	100	5500	16.21	16.13	19.18		22.78	Pass	84	84	
		104	5520	15.94	16.06	19.01		22.78	Pass	84	84	
		116	5580	16.03	16.06	19.06		22.78	Pass	84	84	
		140	5700	16.10	16.22	19.17		22.78	Pass	84	84	
		149	5745	21.69	21.93	24.82		28.78	Pass	110	110	
		157	5785	21.48	21.58	24.54		28.78	Pass	110	110	
		165	5825	21.63	21.90	24.78		28.78	Pass	110	110	
		Mode:	802.11ac(40MHz)	Data Rate:	MCS0NSS1	Conducted power						Power Index
Test Conditions		Channel	Ant 3+5		Total Power		Limit					
			MIMO Mode(2TX+2RX)									
			Reading Level									
			(MHz)	Ant3	Ant5	Avg. (dBm (Ant 3+5))		Avg. (dBm)	Pass/Fail	Ant 3	Ant 5	
Tnom (25 °C)	Vnom (120V)	102	5510	15.97	15.79	18.89		22.78	Pass	84	84	
		110	5550	15.89	15.72	18.82		22.78	Pass	84	84	
		134	5670	15.92	15.85	18.90		22.78	Pass	84	84	
		151	5755	21.98	22.11	25.06		28.78	Pass	110	110	
		159	5795	21.48	21.89	24.70		28.78	Pass	110	110	
Mode:	802.11ac(80MHz)	Data Rate:	MCS0NSS1	Conducted power						Power Index		
Test Conditions		Channel	Ant 3+5		Total Power		Limit					
			MIMO Mode(2TX+2RX)									
			Reading Level									
			(MHz)	Ant3	Ant5	Avg. (dBm (Ant 3+5))		Avg. (dBm)	Pass/Fail	Ant 3	Ant 5	
Tnom (25 °C)	Vnom (120V)	106	5530	15.57	15.65	18.62		22.78	Pass	83	83	
		122	5610	16.08	16.11	19.11		22.78	Pass	84	84	
		155	5775	18.25	18.19	21.23		28.78	Pass	93	93	
Mode:	802.11ax(20MHz)	Data Rate:	HE0NSS1	Conducted power						Power Index		
Test Conditions		Channel	Ant 3+5		Total Power		Limit					
			MIMO Mode(2TX+2RX)									
			Reading Level									
			(MHz)	Ant3	Ant5	Avg. (dBm (Ant 3+5))		Avg. (dBm)	Pass/Fail	Ant 3	Ant 5	
Tnom (25 °C)	Vnom (120V)	100	5500	16.09	16.11	19.11		22.78	Pass	84	84	
		104	5520	16.12	15.97	19.06		22.78	Pass	84	84	
		116	5580	15.90	16.11	19.02		22.78	Pass	84	84	
		140	5700	15.90	16.20	19.06		22.78	Pass	84	84	
		149	5745	21.51	21.88	24.71		28.78	Pass	110	110	
		157	5785	21.61	21.75	24.69		28.78	Pass	110	110	
		165	5825	21.47	21.67	24.58		28.78	Pass	110	110	
Mode:	802.11ax(40MHz)	Data Rate:	HE0NSS1	Conducted power						Power Index		
Test Conditions		Channel	Ant 3+5		Total Power		Limit					
			MIMO Mode(2TX+2RX)									
			Reading Level									
			(MHz)	Ant3	Ant5	Avg. (dBm (Ant 3+5))		Avg. (dBm)	Pass/Fail	Ant 3	Ant 5	
		102	5510	15.77	15.69	18.74		22.78	Pass	84	84	
		110	5550	15.79	15.86	18.84		22.78	Pass	84	84	

Tnom (25 °C)	Vnom (120V)	134	5670	15.98	16.08	19.04	22.78	Pass	84	84	
		151	5755	21.81	22.25	25.05	28.78	Pass	110	110	
		159	5795	21.62	22.23	24.95	28.78	Pass	110	110	
Mode:	802.11ax(80MHz)	Data Rate:	HE0NSS1	Conducted power						Power Index	
				MIMO Mode(2TX+2RX)							
Test Conditions	Channel	Frequency	Ant 3+5			Total Power	Limit				
			Reading Level								
			Avg. (dBm)								
		(MHz)	Ant3	Ant5	Avg. (dBm (Ant 3+5)	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5		
Tnom (25 °C)	Vnom (120V)	106	5530	15.61	15.74	18.69	22.78	Pass	83	83	
		122	5610	16.17	13.11	17.91	22.78	Pass	84	84	
		155	5775	18.10	17.96	21.04	28.78	Pass	93	93	
Mode:	802.11ax(160MHz)	Data Rate:	HE0NSS1	Conducted power						Power Index	
				MIMO Mode(2TX+2RX)							
Test Conditions	Channel	Frequency	Ant 3+5			Total Power	Limit				
			Reading Level								
			Avg. (dBm)								
		(MHz)	Ant3	Ant5	Avg. (dBm (Ant 3+5)	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5		
Tnom (25 °C)	Vnom (120V)	114	5570	13.91	14.09	17.01	28.78	Pass	76	76	

Test Conditions		Channel	(MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	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)	102	5510	10.39	10.41	10.79	10.30	16.50	19.77	Pass	62	62	62	62								
		110	5550	10.31	10.40	10.59	10.14	16.38	19.77	Pass	62	62	62	62								
		134	5670	10.35	10.40	10.60	10.18	16.41	19.77	Pass	62	62	62	62								
		151	5755	19.35	19.08	20.05	19.41	25.51	25.77	Pass	102	102	102	102								
		159	5795	18.94	19.39	20.00	19.37	25.46	25.77	Pass	102	102	102	102								
Mode:	802.11ac(80MHz)	Data Rate:	MCS0NSS1	Conducted power							Power Index											
				MIMO Mode(4TX+4RX)																		
Test Conditions		Channel	Frequency	Ant3		Ant5		Ant6		Total Power		Limit										
			Reading Level		Reading Level		Reading Level		Reading Level													
			(MHz)	Avg. (dBm)		Avg. (dBm)		Avg. (dBm)		Avg. (dBm)		Avg. (dBm) (Ant 3+5+6+7)	Avg. (dBm)					Pass/Fail	Ant 3	Ant 5	Ant 6	Ant 7
			106	5530	10.43	10.83	10.60	10.71	16.67	19.77	Pass	62	62					62	62			
Tnom (25 °C)	Vnom (120V)	122	5610	10.80	10.63	10.63	10.57	16.68	19.77	Pass	62	62	62	62								
		155	5775	18.38	17.59	17.54	17.59	23.81	25.77	Pass	87	87	87	87								
Mode:	802.11ax(20MHz)	Data Rate:	HE0NSS1	Conducted power							Power Index											
				MIMO Mode(4TX+4RX)																		
Test Conditions		Channel	Frequency	Ant3		Ant5		Ant6		Total Power		Limit										
			Reading Level		Reading Level		Reading Level		Reading Level													
			(MHz)	Avg. (dBm)		Avg. (dBm)		Avg. (dBm)		Avg. (dBm)		Avg. (dBm) (Ant 3+5+6+7)	Avg. (dBm)					Pass/Fail	Ant 3	Ant 5	Ant 6	Ant 7
			100	5500	10.39	10.32	10.47	10.28	16.39	19.77	Pass	62	62					62	62			
Tnom (25 °C)	Vnom (120V)	104	5520	10.37	10.32	10.34	10.21	16.33	19.77	Pass	62	62	62	62								
		116	5580	10.26	10.14	10.51	10.26	16.32	19.77	Pass	62	62	62	62								
		140	5700	10.19	10.59	10.47	10.49	16.46	19.77	Pass	62	62	62	62								
		149	5745	19.27	19.28	19.68	19.03	25.34	25.77	Pass	102	102	102	102								
		157	5785	18.97	19.16	19.57	19.19	25.25	25.77	Pass	102	102	102	102								
		165	5825	19.13	19.11	19.47	18.88	25.17	25.77	Pass	102	102	102	102								
		Mode:	802.11ax(40MHz)	Data Rate:	HE0NSS1	Conducted power							Power Index									
						MIMO Mode(4TX+4RX)																
Test Conditions		Channel	Frequency	Ant3		Ant5		Ant6		Total Power		Limit										
			Reading Level		Reading Level		Reading Level		Reading Level													
			(MHz)	Avg. (dBm)		Avg. (dBm)		Avg. (dBm)		Avg. (dBm)		Avg. (dBm) (Ant 3+5+6+7)	Avg. (dBm)					Pass/Fail	Ant 3	Ant 5	Ant 6	Ant 7
			102	5510	10.42	10.28	10.74	10.21	16.44	19.77	Pass	62	62					62	62			
Tnom (25 °C)	Vnom (120V)	110	5550	10.44	10.48	10.61	10.33	16.49	19.77	Pass	62	62	62	62								
		134	5670	10.41	10.38	10.65	10.26	16.45	19.77	Pass	62	62	62	62								
		151	5755	19.17	19.43	19.95	19.41	25.52	25.77	Pass	102	102	102	102								
		159	5795	18.97	19.34	19.90	19.27	25.40	25.77	Pass	102	102	102	102								
		Mode:	802.11ax(80MHz)	Data Rate:	HE0NSS1	Conducted power							Power Index									
MIMO Mode(4TX+4RX)																						
Test Conditions		Channel	Frequency	Ant3		Ant5		Ant6		Total Power		Limit										
			Reading Level		Reading Level		Reading Level		Reading Level													
			(MHz)	Avg. (dBm)		Avg. (dBm)		Avg. (dBm)		Avg. (dBm)		Avg. (dBm) (Ant 3+5+6+7)	Avg. (dBm)					Pass/Fail	Ant 3	Ant 5	Ant 6	Ant 7
			106	5530	10.44	10.67	10.76	10.57	16.63	19.77	Pass	62	62					62	62			
Tnom (25 °C)	Vnom (120V)	122	5610	10.66	10.58	10.58	10.62	16.63	19.77	Pass	62	62	62	62								
		155	5775	18.23	18.08	17.92	18.10	24.10	25.77	Pass	87	87	87	87								
Mode:	802.11ax(160MHz)	Data Rate:	HE0NSS1	Conducted power							Power Index											
				MIMO Mode(4TX+4RX)																		
Test Conditions		Channel	Frequency	Ant3		Ant5		Ant6		Total Power		Limit										
			Reading Level		Reading Level		Reading Level		Reading Level													
			(MHz)	Avg. (dBm)		Avg. (dBm)		Avg. (dBm)		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)	114	5570	10.61	10.73	10.65	10.43	16.63	19.28	Pass					62	62	62	62	

ISED 5GHz Power Table-Radio 1									
Standard:	RSS 247	Test Date:	2020.04.07	Temperature:	25°C	Humidity:	55%RH		
Project No. :	19A2144R			Product Name:	Wireless Access point	Model Name:	AP460C	Test Site:	TR8
Antenna Gain(dBi)		Ant 4	3.42						
Operating temperature range:		Low	-40°C	Nor	25°C	High	60°C	Test Engineer	Pawn



Test Eng: Antenna Technology	Pawn																	
Mode:	802.11a	Data Rate:	6Mbps	SISO							Power Index							
				Conducted power SISO mode														
				Ant 4 Reading Level			Total Conducted Power Ant 4		Conducted Power limit			Total EIRP Power Ant 4		EIRP limit				
Test Conditions		Channel	Frequency (MHz)	Avg. (dBm)			Avg. (dBm)		Avg. (dBm)		Pass/Fail	Avg. (dBm)		Avg. (dBm)		Pass/Fail	Ant 4	
Tnom (25 °C)	Vnom (120V)	36	5180	17.46			N/A		N/A		N/A		20.88		23.00		Pass	69
		40	5200	17.59			N/A		N/A		N/A		21.01		23.00		Pass	69
		44	5220	17.42			N/A		N/A		N/A		20.84		23.00		Pass	69
		48	5240	17.54			N/A		N/A		N/A		20.96		23.00		Pass	69
		52	5260	19.22			19.22		24.00		Pass		22.64		30.00		Pass	80
		60	5300	19.03			19.03		24.00		Pass		22.45		30.00		Pass	80
		64	5320	17.52			17.52		24.00		Pass		20.94		30.00		Pass	75
		100	5500	18.95			18.95		24.00		Pass		22.37		30.00		Pass	80
		104	5520	18.92			18.92		24.00		Pass		22.34		30.00		Pass	80
		116	5580	18.97			18.97		24.00		Pass		22.39		30.00		Pass	80
		140	5700	19.41			19.41		24.00		Pass		22.83		30.00		Pass	80
		149	5745	19.93			19.93		30.00		Pass		23.35		36.00		Pass	80
		157	5785	19.65			19.65		30.00		Pass		23.07		36.00		Pass	80
		165	5825	19.52			19.52		30.00		Pass		22.94		36.00		Pass	80
Mode:	802.11n(20MHz)	Data Rate:	MCS0	Conducted power SISO mode							Power Index							
Test Conditions	Channel	Frequency (MHz)	Ant 4 Reading Level			Total Conducted Power Ant 4		Conducted Power limit		Total EIRP Power Ant 4		EIRP limit						
			Avg. (dBm)			Avg. (dBm)		Avg. (dBm)		Pass/Fail		Avg. (dBm)		Avg. (dBm)		Pass/Fail	Ant 4	
Tnom (25 °C)	Vnom (120V)	36	5180	17.33			N/A		N/A		N/A		20.75		23.00		Pass	69
		40	5200	17.46			N/A		N/A		N/A		20.88		23.00		Pass	69
		44	5220	17.36			N/A		N/A		N/A		20.78		23.00		Pass	69
		48	5240	17.4			N/A		N/A		N/A		20.82		23.00		Pass	69
		52	5260	19.18			19.18		24.00		Pass		22.60		30.00		Pass	80
		60	5300	19.01			19.01		24.00		Pass		22.43		30.00		Pass	80
		64	5320	17.21			17.21		24.00		Pass		20.63		30.00		Pass	74
		100	5500	18.92			18.92		24.00		Pass		22.34		30.00		Pass	80
		104	5520	18.91			18.91		24.00		Pass		22.33		30.00		Pass	80
		116	5580	18.87			18.87		24.00		Pass		22.29		30.00		Pass	80
		140	5700	19.31			19.31		24.00		Pass		22.73		30.00		Pass	80
		149	5745	19.99			19.99		30.00		Pass		23.41		36.00		Pass	80
		157	5785	19.90			19.90		30.00		Pass		23.32		36.00		Pass	80
		165	5825	19.85			19.85		30.00		Pass		23.27		36.00		Pass	80
Mode:	802.11n(40MHz)	Data Rate:	MCS0	Conducted power SISO mode							Power Index							
Test Conditions	Channel	Frequency (MHz)	Ant 4 Reading Level			Total Conducted Power Ant 4		Conducted Power limit		Total EIRP Power Ant 4		EIRP limit						
			Avg. (dBm)			Avg. (dBm)		Avg. (dBm)		Pass/Fail		Avg. (dBm)		Avg. (dBm)		Pass/Fail	Ant 4	
Tnom (25 °C)	Vnom (120V)	38	5190	18.52			N/A		N/A		N/A		21.94		23.00		Pass	75
		46	5230	18.59			N/A		N/A		N/A		22.01		23.00		Pass	75
		52	5270	18.79			18.79		24.00		Pass		22.21		30.00		Pass	80
		60	5310	16.49			16.49		24.00		Pass		19.91		30.00		Pass	71
		102	5510	18.23			18.23		24.00		Pass		21.65		30.00		Pass	79
		110	5550	19.24			19.24		24.00		Pass		22.66		30.00		Pass	80
		134	5670	19.44			19.44		24.00		Pass		22.86		30.00		Pass	80
		151	5755	19.68			19.68		30.00		Pass		23.10		36.00		Pass	78
		159	5795	19.18			19.18		30.00		Pass		22.60		36.00		Pass	78
Mode:	802.11ac(20MHz)	Data Rate:	MCS0NSS 1	Conducted power SISO mode							Power Index							
Test Conditions	Channel	Frequency (MHz)	Ant 4 Reading Level			Total Conducted Power Ant 4		Conducted Power limit		Total EIRP Power Ant 4		EIRP limit						
			Avg. (dBm)			Avg. (dBm)		Avg. (dBm)		Pass/Fail		Avg. (dBm)		Avg. (dBm)		Pass/Fail	Ant 4	
Tnom (25 °C)	Vnom (120V)	36	5180	17.37			N/A		N/A		N/A		20.79		23.00		Pass	69
		40	5200	17.57			N/A		N/A		N/A		20.99		23.00		Pass	69
		44	5220	17.36			N/A		N/A		N/A		20.78		23.00		Pass	69
		48	5240	17.39			N/A		N/A		N/A		20.81		23.00		Pass	69
		52	5260	19.15			19.15		24.00		Pass		22.57		30.00		Pass	74
		60	5300	18.90			18.90		24.00		Pass		22.32		30.00		Pass	80
		64	5320	17.35			17.35		24.00		Pass		20.77		30.00		Pass	80
		100	5500	18.95			18.95		24.00		Pass		22.37		30.00		Pass	74
		104	5520	18.78			18.78		24.00		Pass		22.20		30.00		Pass	80

		116	5580	18.89	18.89	24.00	Pass	22.31	30.00	Pass	80
		140	5700	19.30	19.30	24.00	Pass	22.72	30.00	Pass	80
		149	5745	19.78	19.78	30.00	Pass	23.20	36.00	Pass	80
		157	5785	19.73	19.73	30.00	Pass	23.15	36.00	Pass	80
		165	5825	19.67	19.67	30.00	Pass	23.09	36.00	Pass	80
Mode:	802.11ac(40MH z)	Data Rate:	MCS0NSS 1	Conducted power SISO mode							Power Index
				Ant 4 Reading Level	Total Conducted Power Ant 4	Couducted Power limit		Total EIRP Power Ant 4	EIRP limit		
Test Conditions		Channel	Frequency (MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Pass/Fail	Avg. (dBm)	Avg. (dBm)	Pass/Fail	Ant 4
Tnom (25 °C)	Vnom (120V)	38	5190	18.39	N/A	N/A	N/A	21.81	23.00	Pass	75
		46	5230	18.52	N/A	N/A	N/A	21.94	23.00	Pass	75
		52	5270	18.77	18.77	24.00	Pass	22.19	30.00	Pass	80
		60	5310	16.37	16.37	24.00	Pass	19.79	30.00	Pass	71
		102	5510	18.21	18.21	24.00	Pass	21.63	30.00	Pass	79
		110	5550	19.19	19.19	24.00	Pass	22.61	30.00	Pass	80
		134	5670	19.42	19.42	24.00	Pass	22.84	30.00	Pass	80
		151	5755	19.80	19.80	30.00	Pass	23.22	36.00	Pass	78
		159	5795	19.34	19.34	30.00	Pass	22.76	36.00	Pass	78
Mode:	802.11ac(80MH z)	Data Rate:	MCS0NSS 1	Conducted power SISO mode							Power Index
				Ant 4 Reading Level	Total Conducted Power Ant 4	Couducted Power limit		Total EIRP Power Ant 4	EIRP limit		
Test Conditions		Channel	Frequency (MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Pass/Fail	Avg. (dBm)	Avg. (dBm)	Pass/Fail	Ant 4
Tnom (25 °C)	Vnom (120V)	42	5210	18.62	N/A	N/A	N/A	22.04	23.00	Pass	75
		58	5290	16.78	16.78	24.00	Pass	20.20	30.00	Pass	68
		106	5530	18.13	18.13	24.00	Pass	21.55	30.00	Pass	74
		155	5775	18.39	18.39	30.00	Pass	21.81	36.00	Pass	74
Mode:	802.11ax(20MH z)	Data Rate:	HE0NSS1	Conducted power SISO mode							Power Index
				Ant 4 Reading Level	Total Conducted Power Ant 4	Couducted Power limit		Total EIRP Power Ant 4	EIRP limit		
Test Conditions		Channel	Frequency (MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Pass/Fail	Avg. (dBm)	Avg. (dBm)	Pass/Fail	Ant 4
Tnom (25 °C)	Vnom (120V)	36	5180	17.37	N/A	N/A	N/A	20.79	23.00	Pass	69
		40	5200	17.45	N/A	N/A	N/A	20.87	23.00	Pass	69
		44	5220	17.36	N/A	N/A	N/A	20.78	23.00	Pass	69
		48	5240	17.32	N/A	N/A	N/A	20.74	23.00	Pass	69
		52	5260	19.08	19.08	24.00	Pass	22.50	30.00	Pass	80
		60	5300	18.92	18.92	24.00	Pass	22.34	30.00	Pass	80
		64	5320	17.38	17.38	24.00	Pass	20.80	30.00	Pass	74
		100	5500	18.80	18.80	24.00	Pass	22.22	30.00	Pass	80
		104	5520	18.83	18.83	24.00	Pass	22.25	30.00	Pass	80
		116	5580	18.92	18.92	24.00	Pass	22.34	30.00	Pass	80
		140	5700	19.25	19.25	24.00	Pass	22.67	30.00	Pass	80
		149	5745	19.93	19.93	30.00	Pass	23.35	36.00	Pass	80
		157	5785	19.98	19.98	30.00	Pass	23.40	36.00	Pass	80
		165	5825	19.82	19.82	30.00	Pass	23.24	36.00	Pass	80
Mode:	802.11ax(40MH z)	Data Rate:	HE0NSS1	Conducted power SISO mode							Power Index
				Ant 4 Reading Level	Total Conducted Power Ant 4	Couducted Power limit		Total EIRP Power Ant 4	EIRP limit		
Test Conditions		Channel	Frequency (MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Pass/Fail	Avg. (dBm)	Avg. (dBm)	Pass/Fail	Ant 4
Tnom (25 °C)	Vnom (120V)	38	5190	18.37	N/A	N/A	N/A	21.79	23.00	Pass	75
		46	5230	18.63	N/A	N/A	N/A	22.05	23.00	Pass	75
		52	5270	18.68	18.68	24.00	Pass	22.10	30.00	Pass	80
		60	5310	16.30	16.30	24.00	Pass	19.72	30.00	Pass	71
		102	5510	18.11	18.11	24.00	Pass	21.53	30.00	Pass	79
		110	5550	19.08	19.08	24.00	Pass	22.50	30.00	Pass	80
		134	5670	19.38	19.38	24.00	Pass	22.80	30.00	Pass	80
		151	5755	19.59	19.59	30.00	Pass	23.01	36.00	Pass	78
		159	5795	19.09	19.09	30.00	Pass	22.51	36.00	Pass	78
Mode:	802.11ax(80MH z)	Data Rate:	HE0NSS1	Conducted power SISO mode							Power Index
				Ant 4 Reading Level	Total Conducted Power Ant 4	Couducted Power limit		Total EIRP Power Ant 4	EIRP limit		
Test Conditions		Channel	Frequency (MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Pass/Fail	Avg. (dBm)	Avg. (dBm)	Pass/Fail	Ant 4
Tnom (25 °C)	Vnom (120V)	42	5210	18.51	N/A	N/A	N/A	21.93	23.00	Pass	75
		58	5290	16.71	16.71	24.00	Pass	20.13	30.00	Pass	68
		106	5530	18.02	18.02	24.00	Pass	21.44	30.00	Pass	74
		155	5775	18.36	18.36	30.00	Pass	21.78	36.00	Pass	74

ISED 5GHz Power Table-Radio 2																							
Standard:	RSS 247	Test Date:	2020.04.07	Temperature:	25°C	Humidity:	55%RH																
4.00	19A2144R			Product Name:	Wireless Access point	Model Name:	AP460C	Test Site:	TR8														
Antenna Gain(dBi)	Ant 1	3.56	Ant 2	3.51																			
2*2 CDD-Directional Gain-Power(dBi)	3.56			2*2 BF-Directional Gain-Power(dBi)	6.57																		
Operating temperature range:	Low	-40°C	Nor	25°C	High	60°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		Ant 2 Reading Level		Total Conducted Power		Conducted Power Limit		Total EIRP Power		EIRP Limit										
			Avg. (dBm)		Avg. (dBm)		Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Pass/Fail	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Pass/Fail									
Tnom (25 °C)	Vnom (120V)	36	5180	16.95	17.06	N/A	N/A	N/A	N/A	N/A	20.51	20.57	23.00	Pass									
		40	5200	16.89	17.11	N/A	N/A	N/A	N/A	N/A	20.45	20.62	23.00	Pass									
		44	5220	17.21	17.31	N/A	N/A	N/A	N/A	N/A	20.77	20.82	23.00	Pass									
		48	5240	17.03	17.26	N/A	N/A	N/A	N/A	N/A	20.59	20.77	23.00	Pass									
		52	5260	19.26	19.12	19.26	19.12	24.00	Pass	22.82	22.63	30.00	Pass	79									
		60	5300	19.39	19.25	19.39	19.25	24.00	Pass	22.95	22.76	30.00	Pass	80									
		64	5320	17.18	17.06	17.18	17.06	24.00	Pass	20.74	20.57	30.00	Pass	71									
Mode:	802.11n(20MHz)	Data Rate:	MCS0	Conducted power SISO mode									Power Index										
Test Conditions	Channel	Frequency (MHz)	Ant 1 Reading Level		Ant 2 Reading Level		Total Conducted Power		Conducted Power Limit		Total EIRP Power		EIRP Limit										
			Avg. (dBm)		Avg. (dBm)		Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Pass/Fail	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Pass/Fail									
Tnom (25 °C)	Vnom (120V)	36	5180	16.89	16.89	N/A	N/A	N/A	N/A	N/A	20.45	20.40	23.00	Pass									
		40	5200	16.71	16.97	N/A	N/A	N/A	N/A	N/A	20.27	20.48	23.00	Pass									
		44	5220	17.20	17.30	N/A	N/A	N/A	N/A	N/A	20.76	20.81	23.00	Pass									
		48	5240	17.03	17.22	N/A	N/A	N/A	N/A	N/A	20.59	20.73	23.00	Pass									
		52	5260	19.24	19.03	19.24	19.03	24.00	Pass	22.80	22.54	30.00	Pass	79									
		60	5300	19.31	19.23	19.31	19.23	24.00	Pass	22.87	22.74	30.00	Pass	80									
		64	5320	17.05	17.02	17.05	17.02	24.00	Pass	20.61	20.53	30.00	Pass	70									
Mode:	802.11n(40MHz)	Data Rate:	MCS0	Conducted power SISO mode									Power Index										
Test Conditions	Channel	Frequency (MHz)	Ant 1 Reading Level		Ant 2 Reading Level		Total Conducted Power		Conducted Power Limit		Total EIRP Power		EIRP Limit										
			Avg. (dBm)		Avg. (dBm)		Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Pass/Fail	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Pass/Fail									
Tnom (25 °C)	Vnom (120V)	38	5190	17.75	17.96	N/A	N/A	N/A	N/A	N/A	21.31	21.47	23.00	Pass									
		46	5230	17.92	18.12	N/A	N/A	N/A	N/A	N/A	21.48	21.63	23.00	Pass									
		54	5270	19.13	19.02	19.13	19.02	24.00	Pass	22.69	22.53	30.00	Pass	80									
		62	5310	15.71	15.56	15.71	15.56	24.00	Pass	19.27	19.07	30.00	Pass	66									
Mode:	802.11ac(20MHz)	Data Rate:	MCS0NSS1	Conducted power SISO mode									Power Index										
Test Conditions	Channel	Frequency (MHz)	Ant 1 Reading Level		Ant 2 Reading Level		Total Conducted Power		Conducted Power Limit		Total EIRP Power		EIRP Limit										
			Avg. (dBm)		Avg. (dBm)		Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Pass/Fail	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Pass/Fail									
Tnom (25 °C)	Vnom (120V)	36	5180	16.92	16.89	N/A	N/A	N/A	N/A	N/A	20.48	20.40	23.00	Pass									
		40	5200	16.79	17.04	N/A	N/A	N/A	N/A	N/A	20.35	20.55	23.00	Pass									
		44	5220	17.10	17.15	N/A	N/A	N/A	N/A	N/A	20.66	20.66	23.00	Pass									
		48	5240	16.94	17.12	N/A	N/A	N/A	N/A	N/A	20.50	20.63	23.00	Pass									
		52	5260	19.42	19.39	19.42	19.39	24.00	Pass	22.98	22.90	30.00	Pass	80									
		60	5300	19.32	19.21	19.32	19.21	24.00	Pass	22.88	22.72	30.00	Pass	80									
		64	5320	17.03	16.89	17.03	16.89	30.00	Pass	20.59	20.40	30.00	Pass	70									
Mode:	802.11ac(40MHz)	Data Rate:	MCS0NSS1	Conducted power SISO mode									Power Index										
Test Conditions	Channel	Frequency (MHz)	Ant 1 Reading Level		Ant 2 Reading Level		Total Conducted Power		Conducted Power Limit		Total EIRP Power		EIRP Limit										
			Avg. (dBm)		Avg. (dBm)		Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Pass/Fail	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Pass/Fail									
Tnom (25 °C)	Vnom (120V)	38	5190	17.71	17.84	N/A	N/A	N/A	N/A	N/A	21.27	21.35	23.00	Pass									
		46	5230	17.89	18.07	N/A	N/A	N/A	N/A	N/A	21.45	21.58	23.00	Pass									
		54	5270	18.94	18.82	18.94	18.82	24.00	Pass	22.50	22.33	30.00	Pass	80									
		62	5310	15.62	15.54	15.62	15.54	24.00	Pass	19.18	19.05	30.00	Pass	66									
Mode:	802.11ac(80MHz)	Data Rate:	MCS0NSS1	Conducted power SISO mode									Power Index										
Test Conditions	Channel	Frequency (MHz)	Ant 1 Reading Level		Ant 2 Reading Level		Total Conducted Power		Conducted Power Limit		Total EIRP Power		EIRP Limit										
			Avg. (dBm)		Avg. (dBm)		Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Pass/Fail	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Pass/Fail									
Tnom (25 °C)	Vnom (120V)	42	5210	17.79	17.98	N/A	N/A	N/A	N/A	N/A	21.35	21.49	23.00	Pass									
		58	5290	15.29	15.21	15.29	15.21	24.00	Pass	18.85	18.72	30.00	Pass	64									
Mode:	802.11ax(20MHz)	Data Rate:	HE0NSS1	Conducted power SISO mode									Power										



				Ant 1	Ant 2	Total Conducted Power	Conducted Power Limit	Total EIRP Power	EIRP Limit	Index
Test Conditions	Channel	Frequency	Reading Level	Reading Level	Ant 1	Ant 2	Limit	Ant 1	Ant 2	
		(MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Pass/Fail	Avg. (dBm)	Avg. (dBm)	Pass/Fail
Tnom (25 °C)	Vnom (120V)	36	5180	16.78	16.96	N/A	N/A	20.34	20.47	23.00
		40	5200	16.88	16.97	N/A	N/A	20.44	20.48	23.00
		40	5200	17.02	17.16	N/A	N/A	20.58	20.67	23.00
		44	5220	17.02	17.21	N/A	N/A	20.58	20.72	23.00
		48	5240	19.21	19.03	24.00	Pass	22.77	22.54	30.00
		44	5220	19.18	19.06	24.00	Pass	22.74	22.57	30.00
		48	5240	17.13	17.05	24.00	Pass	20.69	20.56	30.00
Mode:	802.11ax(40MHz)	Data Rate:	HE0NSS1	Conducted power	SISO mode					Power Index
Test Conditions	Channel	Frequency	Reading Level	Reading Level	Ant 1	Ant 2	Limit	Ant 1	Ant 2	
		(MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Pass/Fail	Avg. (dBm)	Avg. (dBm)	Pass/Fail
Tnom (25 °C)	Vnom (120V)	38	5190	17.73	17.86	N/A	N/A	21.29	21.37	23.00
		46	5230	17.92	18.00	N/A	N/A	21.48	21.51	23.00
		54	5270	19.10	18.86	24.00	Pass	22.66	22.37	30.00
		62	5310	15.62	15.42	24.00	Pass	19.18	18.93	30.00
Mode:	802.11ax(80MHz)	Data Rate:	HE0NSS1	Conducted power	SISO mode					Power Index
Test Conditions	Channel	Frequency	Reading Level	Reading Level	Ant 1	Ant 2	Limit	Ant 1	Ant 2	
		(MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Pass/Fail	Avg. (dBm)	Avg. (dBm)	Pass/Fail
Tnom (25 °C)	Vnom (120V)	42	5210	17.75	17.96	N/A	N/A	21.31	21.47	23.00
		58	5290	15.32	15.25	24.00	Pass	18.88	18.76	30.00
Antenna Technology:	CDD 2*2									
Mode:	802.11a	Data Rate:	6Mbps	Conducted power	MIMO Mode(2TX+2RX)					Power Index
Test Conditions	Channel	Frequency	Reading Level	Reading Level	Total Conducted Power	Conducted Power Limit	Total EIRP Power	EIRP Limit		
		(MHz)	Ant 1	Ant 2	Avg. (dBm (Ant 1+2))	Avg. (dBm)	Pass/Fail	Avg. (dBm (Ant 1+2))	Avg. (dBm)	Pass/Fail
Tnom (25 °C)	Vnom (120V)	36	5180	10.64	10.84	N/A	N/A	17.31	23.00	Pass
		40	5200	10.63	10.87	N/A	N/A	17.32	23.00	Pass
		44	5220	10.95	11.06	N/A	N/A	17.58	23.00	Pass
		48	5240	10.79	11.03	N/A	N/A	17.48	23.00	Pass
		52	5260	16.40	16.28	19.35	24.00	22.91	30.00	Pass
		60	5300	16.24	16.01	19.14	24.00	22.70	30.00	Pass
		64	5320	16.21	16.20	19.22	24.00	22.78	30.00	Pass
Mode:	802.11n(20MHz)	Data Rate:	MCS0	Conducted power	MIMO Mode(2TX+2RX)					Power Index
Test Conditions	Channel	Frequency	Reading Level	Reading Level	Total Conducted Power	Conducted Power Limit	Total EIRP Power	EIRP Limit		
		(MHz)	Ant 1	Ant 2	Avg. (dBm (Ant 1+2))	Avg. (dBm)	Pass/Fail	Avg. (dBm (Ant 1+2))	Avg. (dBm)	Pass/Fail
Tnom (25 °C)	Vnom (120V)	36	5180	10.70	10.80	N/A	N/A	17.32	23.00	Pass
		40	5200	10.57	10.88	N/A	N/A	17.30	23.00	Pass
		44	5220	10.93	11.02	N/A	N/A	17.55	23.00	Pass
		48	5240	10.72	10.97	N/A	N/A	17.42	23.00	Pass
		52	5260	16.23	16.14	19.20	24.00	22.76	30.00	Pass
		60	5300	15.98	16.06	19.03	24.00	22.59	30.00	Pass
		64	5320	16.39	16.11	19.26	24.00	22.82	30.00	Pass
Mode:	802.11n(40MHz)	Data Rate:	MCS0	Conducted power	MIMO Mode(2TX+2RX)					Power Index
Test Conditions	Channel	Frequency	Reading Level	Reading Level	Total Conducted Power	Conducted Power Limit	Total EIRP Power	EIRP Limit		
		(MHz)	Ant 1	Ant 2	Avg. (dBm (Ant 1+2))	Avg. (dBm)	Pass/Fail	Avg. (dBm (Ant 1+2))	Avg. (dBm)	Pass/Fail
Tnom (25 °C)	Vnom (120V)	38	5190	13.73	13.87	N/A	N/A	20.37	23.00	Pass
		46	5230	13.80	14.06	N/A	N/A	20.50	23.00	Pass
		54	5270	16.42	16.33	19.39	24.00	22.95	30.00	Pass
		62	5310	15.26	15.03	18.16	24.00	21.72	30.00	Pass
Mode:	802.11ac(20MHz)	Data Rate:	MCS0NSS1	Conducted power	MIMO Mode(2TX+2RX)					Power Index
Test Conditions	Channel	Frequency	Reading Level	Reading Level	Total Conducted Power	Conducted Power Limit	Total EIRP Power	EIRP Limit		
		(MHz)	Ant 1	Ant 2	Avg. (dBm (Ant 1+2))	Avg. (dBm)	Pass/Fail	Avg. (dBm (Ant 1+2))	Avg. (dBm)	Pass/Fail
Tnom (25 °C)	Vnom (120V)	36	5180	10.71	10.76	N/A	N/A	17.31	23.00	Pass
		40	5200	10.67	10.82	N/A	N/A	17.32	23.00	Pass
		44	5220	10.89	11.02	N/A	N/A	17.53	23.00	Pass
		48	5240	10.75	11.03	N/A	N/A	17.46	23.00	Pass
		52	5260	16.31	16.16	19.25	24.00	22.81	30.00	Pass
		60	5300	15.99	15.80	18.91	24.00	22.47	30.00	Pass

		64	5320	16.53		16.29		19.42		24.00	Pass	22.98		30.00	Pass	68	68
Mode:	802.11ac(40MHz)	Data Rate:	MCS0NSS1	Conducted power MIMO Mode(2TX+2RX)										Power Index			
				Ant 1+2 Reading Level Avg. (dBm)				Total Conducted Power	Conducted Power Limit		Total EIRP Power		EIRP Limit				
Test Conditions		Channel	Frequency														
			(MHz)	Ant 1		Ant 2		Avg. (dBm (Ant 1+2))		Avg. (dBm)	Pass/Fail	Avg. (dBm (Ant 1+2))		Avg. (dBm)	Pass/Fail	Ant 1	Ant 2
Tnom (25 °C)	Vnom (120V)	38	5190	13.66		13.92		N/A		N/A	N/A	20.36		23.00	Pass	56	56
		46	5230	13.83		14.05		N/A		N/A	N/A	20.51		23.00	Pass	56	56
		54	5270	16.29		16.13		19.22		24.00	Pass	22.78		30.00	Pass	70	70
		62	5310	15.09		15.03		18.07		24.00	Pass	21.63		30.00	Pass	64	64
Mode:	802.11ac(80MHz)	Data Rate:	MCS0NSS1	Conducted power MIMO Mode(2TX+2RX)										Power Index			
				Ant 1+2 Reading Level Avg. (dBm)				Total Conducted Power	Conducted Power Limit		Total EIRP Power		EIRP Limit				
Test Conditions		Channel	Frequency														
			(MHz)	Ant 1		Ant 2		Avg. (dBm (Ant 1+2))		Avg. (dBm)	Pass/Fail	Avg. (dBm (Ant 1+2))		Avg. (dBm)	Pass/Fail	Ant 1	Ant 2
Tnom (25 °C)	Vnom (120V)	42	5210	14.21		14.49		N/A		N/A	N/A	20.92		23.00	Pass	58	58
		58	5290	15.09		15.03		18.07		24.00	Pass	21.63		30.00	Pass	63	63
Mode:	802.11ax(20MHz)	Data Rate:	HE0NSS1	Conducted power MIMO Mode(2TX+2RX)										Power Index			
				Ant 1+2 Reading Level Avg. (dBm)				Total Conducted Power	Conducted Power Limit		Total EIRP Power		EIRP Limit				
Test Conditions		Channel	Frequency														
			(MHz)	Ant 1		Ant 2		Avg. (dBm (Ant 1+2))		Avg. (dBm)	Pass/Fail	Avg. (dBm (Ant 1+2))		Avg. (dBm)	Pass/Fail	Ant 1	Ant 2
Tnom (25 °C)	Vnom (120V)	36	5180	10.67		10.80		N/A		N/A	N/A	17.31		23.00	Pass	45	45
		40	5200	10.60		10.88		N/A		N/A	N/A	17.31		23.00	Pass	45	45
		44	5220	10.91		11.08		N/A		N/A	N/A	17.57		23.00	Pass	45	45
		48	5240	10.78		11.03		N/A		N/A	N/A	17.48		23.00	Pass	45	45
		52	5260	16.27		16.04		19.17		24.00	Pass	22.73		30.00	Pass	68	68
		60	5300	16.26		15.90		19.09		24.00	Pass	22.65		30.00	Pass	68	68
		64	5320	16.46		16.25		19.37		24.00	Pass	22.93		30.00	Pass	68	68
Mode:	802.11ax(40MHz)	Data Rate:	HE0NSS1	Conducted power MIMO Mode(2TX+2RX)										Power Index			
				Ant 1+2 Reading Level Avg. (dBm)				Total Conducted Power	Conducted Power Limit		Total EIRP Power		EIRP Limit				
Test Conditions		Channel	Frequency														
			(MHz)	Ant 1		Ant 2		Avg. (dBm (Ant 1+2))		Avg. (dBm)	Pass/Fail	Avg. (dBm (Ant 1+2))		Avg. (dBm)	Pass/Fail	Ant 1	Ant 2
Tnom (25 °C)	Vnom (120V)	38	5190	13.68		13.92		N/A		N/A	N/A	20.37		23.00	Pass	56	56
		46	5230	13.83		14.09		N/A		N/A	N/A	20.53		23.00	Pass	56	56
		54	5270	16.33		16.25		19.30		24.00	Pass	22.86		30.00	Pass	70	70
		62	5310	15.17		15.01		18.10		24.00	Pass	21.66		30.00	Pass	64	64
Mode:	802.11ax(80MHz)	Data Rate:	HE0NSS1	Conducted power MIMO Mode(2TX+2RX)										Power Index			
				Ant 1+2 Reading Level Avg. (dBm)				Total Conducted Power	Conducted Power Limit		Total EIRP Power		EIRP Limit				
Test Conditions		Channel	Frequency														
			(MHz)	Ant 1		Ant 2		Avg. (dBm (Ant 1+2))		Avg. (dBm)	Pass/Fail	Avg. (dBm (Ant 1+2))		Avg. (dBm)	Pass/Fail	Ant 1	Ant 2
Tnom (25 °C)	Vnom (120V)	42	5210	14.17		14.32		N/A		N/A	N/A	20.82		23.00	Pass	58	58
		58	5290	15.12		15.06		18.10		24.00	Pass	21.66		30.00	Pass	63	63

Antenna Technology:	Beamforming 2*2													
Mode:	802.11n(20MHz)	Data Rate:	MCS0	Conducted power MIMO Mode(2TX+2RX)									Power Index	
Test Conditions	Channel	Frequency	Ant 1+2 Reading Level Avg. (dBm)		Total Conducted Power	Conducted Power Limit		Total EIRP Power		EIRP Limit				
		(MHz)	Ant 1	Ant 2		Avg. (dBm (Ant 1+2)	Avg. (dBm) Pass/Fail	Avg. (dBm (Ant 1+2)	Avg. (dBm) Pass/Fail	Ant 1	Ant 2			
Tnom (25 °C)	Vnom (120V)	36	5180	10.69	10.85	N/A	N/A	N/A	20.35	23.00	Pass	45	45	
		40	5200	10.72	10.98	N/A	N/A	N/A	20.43	23.00	Pass	45	45	
		44	5220	11.04	11.11	N/A	N/A	N/A	20.66	23.00	Pass	45	45	
		48	5240	10.80	11.12	N/A	N/A	N/A	20.54	23.00	Pass	45	45	
		52	5260	13.15	13.13	16.15	24.00	Pass	22.72	30.00	Pass	56	56	
		60	5300	13.11	12.94	16.04	24.00	Pass	22.61	30.00	Pass	56	56	
64	5320	12.94	12.76	15.86	24.00	Pass	22.43	30.00	Pass	56	56			
Mode:	802.11n(40MHz)	Data Rate:	MCS0	Conducted power MIMO Mode(2TX+2RX)									Power Index	
Test Conditions	Channel	Frequency	Ant 1+2 Reading Level Avg. (dBm)		Total Conducted Power	Conducted Power Limit		Total EIRP Power		EIRP Limit				
		(MHz)	Ant 1	Ant 2		Avg. (dBm (Ant 1+2)	Avg. (dBm) Pass/Fail	Avg. (dBm (Ant 1+2)	Avg. (dBm) Pass/Fail	Ant 1	Ant 2			
Tnom (25 °C)	Vnom (120V)	38	5190	11.20	11.33	N/A	N/A	N/A	20.85	23.00	Pass	47	47	
		46	5230	11.26	11.53	N/A	N/A	N/A	20.98	23.00	Pass	47	47	
		54	5270	13.28	13.10	16.20	24.00	Pass	22.77	30.00	Pass	56	56	
		62	5310	13.07	13.16	16.13	24.00	Pass	22.70	30.00	Pass	56	56	

Mode:	802.11ac(20MHz)	Data Rate:	MCS0NSS1	Conducted power										Power Index			
				MIMO Mode(2TX+2RX)													
Test Conditions		Channel	Frequency	Ant 1+2		Total Conducted Power	Conducted Power Limit		Total EIRP Power	EIRP Limit							
			Reading Level		Avg. (dBm)												
			(MHz)	Ant 1	Ant 2	Avg. (dBm (Ant 1+2))	Avg. (dBm)	Pass/Fail	Avg. (dBm (Ant 1+2))	Avg. (dBm)	Pass/Fail	Ant 1	Ant 2				
Tnom (25 °C)	Vnom (120V)	36	5180	10.75	10.85	N/A	N/A	N/A	20.38	23.00	Pass	45	45				
		40	5200	10.67	10.99	N/A	N/A	N/A	20.41	23.00	Pass	45	45				
		44	5220	11.02	11.09	N/A	N/A	N/A	20.64	23.00	Pass	45	45				
		48	5240	10.90	11.12	N/A	N/A	N/A	20.59	23.00	Pass	45	45				
		52	5260	13.25	13.07	16.17	24.00	Pass	22.74	30.00	Pass	56	56				
		60	5300	13.22	12.75	16.00	24.00	Pass	22.57	30.00	Pass	56	56				
		64	5320	12.94	12.70	15.83	24.00	Pass	22.40	30.00	Pass	56	56				
Mode:	802.11ac(40MHz)	Data Rate:	MCS0NSS1	Conducted power										Power Index			
				MIMO Mode(2TX+2RX)													
Test Conditions		Channel	Frequency	Ant 1+2		Total Conducted Power	Conducted Power Limit		Total EIRP Power	EIRP Limit							
			Reading Level		Avg. (dBm)												
			(MHz)	Ant 1	Ant 2	Avg. (dBm (Ant 1+2))	Avg. (dBm)	Pass/Fail	Avg. (dBm (Ant 1+2))	Avg. (dBm)	Pass/Fail	Ant 1	Ant 2				
Tnom (25 °C)	Vnom (120V)	38	5190	11.20	11.39	N/A	N/A	N/A	20.88	23.00	Pass	47	47				
		46	5230	11.18	11.32	N/A	N/A	N/A	20.83	23.00	Pass	47	47				
		54	5270	13.14	13.21	16.19	24.00	Pass	22.76	30.00	Pass	56	56				
		62	5310	13.05	13.07	16.07	24.00	Pass	22.64	30.00	Pass	56	56				
Mode:	802.11ac(80MHz)	Data Rate:	MCS0NSS1	Conducted power										Power Index			
				MIMO Mode(2TX+2RX)													
Test Conditions		Channel	Frequency	Ant 1+2		Total Conducted Power	Conducted Power Limit		Total EIRP Power	EIRP Limit							
			Reading Level		Avg. (dBm)												
			(MHz)	Ant 1	Ant 2	Avg. (dBm (Ant 1+2))	Avg. (dBm)	Pass/Fail	Avg. (dBm (Ant 1+2))	Avg. (dBm)	Pass/Fail	Ant 1	Ant 2				
Tnom (25 °C)	Vnom (120V)	42	5210	11.19	11.31	N/A	N/A	N/A	20.83	23.00	Pass	47	47				
		58	5290	13.03	12.90	15.98	24.00	Pass	22.55	30.00	Pass	56	56				
		Mode:	802.11ax(20MHz)	Data Rate:	HE0NSS1	Conducted power										Power Index	
						MIMO Mode(2TX+2RX)											
Test Conditions		Channel	Frequency	Ant 1+2		Total Conducted Power	Conducted Power Limit		Total EIRP Power	EIRP Limit							
			Reading Level		Avg. (dBm)												
			(MHz)	Ant 1	Ant 2	Avg. (dBm (Ant 1+2))	Avg. (dBm)	Pass/Fail	Avg. (dBm (Ant 1+2))	Avg. (dBm)	Pass/Fail	Ant 1	Ant 2				
Tnom (25 °C)	Vnom (120V)	36	5180	10.66	10.89	N/A	N/A	N/A	20.36	23.00	Pass	45	45				
		40	5200	10.67	10.92	N/A	N/A	N/A	20.38	23.00	Pass	45	45				
		44	5220	11.06	11.08	N/A	N/A	N/A	20.65	23.00	Pass	45	45				
		48	5240	10.79	11.13	N/A	N/A	N/A	20.54	23.00	Pass	45	45				
		52	5260	13.20	13.11	16.17	24.00	Pass	22.74	30.00	Pass	56	56				
		60	5300	13.17	12.83	16.01	24.00	Pass	22.58	30.00	Pass	56	56				
		64	5320	12.79	12.74	15.78	24.00	Pass	22.35	30.00	Pass	56	56				
Mode:	802.11ax(40MHz)	Data Rate:	HE0NSS1	Conducted power										Power Index			
				MIMO Mode(2TX+2RX)													
Test Conditions		Channel	Frequency	Ant 1+2		Total Conducted Power	Conducted Power Limit		Total EIRP Power	EIRP Limit							
			Reading Level		Avg. (dBm)												
			(MHz)	Ant 1	Ant 2	Avg. (dBm (Ant 1+2))	Avg. (dBm)	Pass/Fail	Avg. (dBm (Ant 1+2))	Avg. (dBm)	Pass/Fail	Ant 1	Ant 2				
Tnom (25 °C)	Vnom (120V)	38	5190	11.26	11.36	N/A	N/A	N/A	20.89	23.00	Pass	47	47				
		46	5230	11.21	11.35	N/A	N/A	N/A	20.86	23.00	Pass	47	47				
		54	5270	13.21	13.07	16.15	24.00	Pass	22.72	30.00	Pass	56	56				
		62	5310	12.99	13.00	16.01	24.00	Pass	22.58	30.00	Pass	56	56				
Mode:	802.11ax(80MHz)	Data Rate:	HE0NSS1	Conducted power										Power Index			
				MIMO Mode(2TX+2RX)													
Test Conditions		Channel	Frequency	Ant 1+2		Total Conducted Power	Conducted Power Limit		Total EIRP Power	EIRP Limit							
			Reading Level		Avg. (dBm)												
			(MHz)	Ant 1	Ant 2	Avg. (dBm (Ant 1+2))	Avg. (dBm)	Pass/Fail	Avg. (dBm (Ant 1+2))	Avg. (dBm)	Pass/Fail	Ant 1	Ant 2				
Tnom (25 °C)	Vnom (120V)	42	5210	11.21	11.26	N/A	N/A	N/A	20.82	23.00	Pass	47	47				
		58	5290	13.07	12.92	16.01	24.00	Pass	22.58	30.00	Pass	56	56				

ISED 5GHz Power Table-Radio 3(Dual 2.4G+5G mode)									
Standard:	RSS 247	Test Date:	2020.04.07	Temperature:	25℃	Humidity:	55%RH		
Project No. :	19A2144R			Product Name:	Wireless Access point	Model Name:	AP460C	Test Site:	TR8
Antenna Gain(dBi)	Ant 3	4.19	Ant 5	3.22	Ant 6	3.96	Ant 7	4.21	
2*2 CDD-Directional Gain-Power(dBi)	4.21			2*2 BF-Directional Gain-Power(dBi)	7.22				
4*4 CDD-Directional Gain-Power(dBi)	4.21			4*4 BF-Directional Gain-Power(dBi)	10.23				
Operating temperature range:	Low	-40℃	Nor	25℃	High	60℃	Test Engineer	Pawn	



Test Eng:	Pawn												
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 3+5 Reading Level Avg. (dBm)		Total Conducted Power		Conducted Power Limit		Total EIRP Power		EIRP Limit		
			Ant3	Ant5	Avg. (dBm (Ant 3+5))	Avg. (dBm)	Pass/Fail		Avg. (dBm (Ant 3+5))	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5
Tnom (25 °C)	Vnom (120V)	36	5180	10.44	10.25	N/A	N/A	N/A	17.57	23.00	Pass	56	56
		40	5200	10.29	10.13	N/A	N/A	N/A	17.43	23.00	Pass	56	56
		44	5220	10.26	10.24	N/A	N/A	N/A	17.47	23.00	Pass	56	56
		48	5240	10.34	10.25	N/A	N/A	N/A	17.52	23.00	Pass	56	56
		52	5260	15.32	15.47	18.41	24.00	Pass	22.62	30.00	Pass	76	76
		60	5300	15.33	15.19	18.27	24.00	Pass	22.48	30.00	Pass	76	76
		64	5320	15.22	15.16	18.20	24.00	Pass	22.41	30.00	Pass	76	76
		100	5500	17.23	17.26	20.26	24.00	Pass	24.47	30.00	Pass	82	82
		104	5520	17.11	17.19	20.16	24.00	Pass	24.37	30.00	Pass	82	82
		116	5580	17.13	17.15	20.15	24.00	Pass	24.36	30.00	Pass	82	82
		140	5700	17.20	17.35	20.29	24.00	Pass	24.50	30.00	Pass	82	82
		149	5745	22.94	23.11	26.04	30.00	Pass	30.25	36.00	Pass	110	110
		157	5785	22.56	22.79	25.69	30.00	Pass	29.90	36.00	Pass	110	110
		165	5825	22.76	22.96	25.87	30.00	Pass	30.08	36.00	Pass	110	110
Mode:	802.11n(20MHz)	Data Rate:	MCS0	Conducted power MIMO Mode(2TX+2RX)								Power Index	
Test Conditions	Channel	Frequency (MHz)	Ant 3+5 Reading Level Avg. (dBm)		Total Conducted Power		Conducted Power Limit		Total EIRP Power		EIRP Limit		
			Ant3	Ant5	Avg. (dBm (Ant 3+5))	Avg. (dBm)	Pass/Fail		Avg. (dBm (Ant 3+5))	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5
Tnom (25 °C)	Vnom (120V)	36	5180	10.46	10.22	N/A	N/A	N/A	17.56	23.00	Pass	56	56
		40	5200	10.33	10.19	N/A	N/A	N/A	17.48	23.00	Pass	56	56
		44	5220	10.25	10.20	N/A	N/A	N/A	17.45	23.00	Pass	56	56
		48	5240	10.31	10.29	N/A	N/A	N/A	17.52	23.00	Pass	56	56
		52	5260	15.38	15.29	18.35	24.00	Pass	22.56	30.00	Pass	76	76
		60	5300	15.09	15.15	18.13	24.00	Pass	22.34	30.00	Pass	76	76
		64	5320	15.20	15.16	18.19	24.00	Pass	22.40	30.00	Pass	76	76
		100	5500	17.10	17.14	20.13	24.00	Pass	24.34	30.00	Pass	82	82
		104	5520	16.99	17.03	20.02	24.00	Pass	24.23	30.00	Pass	82	82
		116	5580	16.97	17.04	20.02	24.00	Pass	24.23	30.00	Pass	82	82
		140	5700	17.14	17.25	20.21	24.00	Pass	24.42	30.00	Pass	82	82
		149	5745	23.07	23.21	26.15	30.00	Pass	30.36	36.00	Pass	110	110
		157	5785	22.65	22.95	25.81	30.00	Pass	30.02	36.00	Pass	110	110
		165	5825	22.90	23.04	25.98	30.00	Pass	30.19	36.00	Pass	110	110
Mode:	802.11n(40MHz)	Data Rate:	MCS0	Conducted power MIMO Mode(2TX+2RX)								Power Index	
Test Conditions	Channel	Frequency (MHz)	Ant 3+5 Reading Level Avg. (dBm)		Total Conducted Power		Conducted Power Limit		Total EIRP Power		EIRP Limit		
			Ant3	Ant5	Avg. (dBm (Ant 3+5))	Avg. (dBm)	Pass/Fail		Avg. (dBm (Ant 3+5))	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5
Tnom (25 °C)	Vnom (120V)	38	5190	13.05	13.10	N/A	N/A	N/A	20.30	23.00	Pass	65	65
		46	5230	13.02	13.33	N/A	N/A	N/A	20.40	23.00	Pass	65	65
		52	5270	15.24	15.14	18.20	24.00	Pass	22.41	30.00	Pass	76	76
		60	5310	15.43	15.36	18.41	24.00	Pass	22.62	30.00	Pass	76	76
		102	5510	17.15	17.01	20.09	24.00	Pass	24.30	30.00	Pass	82	82
		110	5550	17.16	17.23	20.21	24.00	Pass	24.42	30.00	Pass	82	82
		134	5670	17.06	17.28	20.18	24.00	Pass	24.39	30.00	Pass	82	82
		151	5755	22.82	23.35	26.10	30.00	Pass	30.31	36.00	Pass	110	110
		159	5795	22.73	22.96	25.86	30.00	Pass	30.07	36.00	Pass	110	110
Mode:	802.11ac(20MHz)	Data Rate:	MCS0NSS1	Conducted power MIMO Mode(2TX+2RX)								Power Index	
Test Conditions	Channel	Frequency (MHz)	Ant 3+5 Reading Level Avg. (dBm)		Total Conducted Power		Conducted Power Limit		Total EIRP Power		EIRP Limit		
			Ant3	Ant5	Avg. (dBm (Ant 3+5))	Avg. (dBm)	Pass/Fail		Avg. (dBm (Ant 3+5))	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5
		36	5180	10.46	10.26	N/A	N/A	N/A	17.58	23.00	Pass	56	56
		40	5200	10.32	10.20	N/A	N/A	N/A	17.48	23.00	Pass	56	56
		44	5220	10.26	10.26	N/A	N/A	N/A	17.48	23.00	Pass	56	56

Test Conditions	Channel	(MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm (Ant 3+5+6+7)	Avg. (dBm)	Pass/Fail	Avg. (dBm (Ant 3+5+6+7)	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5	Ant 6	Ant 7
Tnom (25 °C) Vnom (120V)	50	5250	10.96	10.85	10.98	10.74	N/A	N/A	N/A	21.11	23.00	Pass	58	58	58	58

Antenna Technology:	Beamforming 2'2															
Mode:	802.11n(20MHz)	Data Rate:	MCS0	Conducted power MIMO Mode(2TX+2RX)											Power Index	
Test Conditions	Channel	Frequency	Ant 3+5 Reading Level Avg. (dBm)				Total Conducted Power	Conducted Power Limit		Total EIRP Power		EIRP Limit				
		(MHz)	Ant3		Ant5		Avg. (dBm (Ant 3+5)	Avg. (dBm)	Pass/Fail	Avg. (dBm (Ant 3+5)	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5		
Tnom (25 °C)	Vnom (120V)	36	5180	10.89		10.73		N/A	N/A	N/A	21.04	23.00	Pass	57	57	
		40	5200	10.73		10.57		N/A	N/A	N/A	20.88	23.00	Pass	57	57	
		44	5220	10.71		10.69		N/A	N/A	N/A	20.93	23.00	Pass	57	57	
		48	5240	10.79		10.64		N/A	N/A	N/A	20.95	23.00	Pass	57	57	
		52	5260	12.42		12.28		15.36	24.00	Pass	22.58	30.00	Pass	62	62	
		60	5300	12.25		12.23		15.25	24.00	Pass	22.47	30.00	Pass	62	62	
		64	5320	12.14		12.20		15.18	24.00	Pass	22.40	30.00	Pass	62	62	
		100	5500	16.26		16.16		19.22	24.00	Pass	26.44	30.00	Pass	78	78	
		104	5520	16.08		16.13		19.12	24.00	Pass	26.34	30.00	Pass	78	78	
		116	5580	16.17		16.19		19.19	24.00	Pass	26.41	30.00	Pass	78	78	
		140	5700	16.19		16.26		19.24	24.00	Pass	26.46	30.00	Pass	78	78	
		149	5745	22.96		23.29		26.14	30.00	Pass	33.36	36.00	Pass	110	110	
		157	5785	22.74		22.94		25.85	30.00	Pass	33.07	36.00	Pass	110	110	
		165	5825	22.83		23.02		25.94	30.00	Pass	33.16	36.00	Pass	110	110	
Mode:	802.11n(40MHz)	Data Rate:	MCS0	Conducted power MIMO Mode(2TX+2RX)											Power Index	
Test Conditions	Channel	Frequency	Ant 3+5 Reading Level Avg. (dBm)				Total Conducted Power	Conducted Power Limit		Total EIRP Power		EIRP Limit				
		(MHz)	Ant3		Ant5		Avg. (dBm (Ant 3+5)	Avg. (dBm)	Pass/Fail	Avg. (dBm (Ant 3+5)	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5		
Tnom (25 °C)	Vnom (120V)	38	5190	11.53		11.64		N/A	N/A	N/A	21.82	23.00	Pass	60	60	
		46	5230	11.54		11.86		N/A	N/A	N/A	21.93	23.00	Pass	60	60	
		52	5270	12.24		12.04		15.15	24.00	Pass	22.37	30.00	Pass	62	62	
		60	5310	12.05		12.14		15.11	24.00	Pass	22.33	30.00	Pass	62	62	
		102	5510	16.06		15.89		18.99	24.00	Pass	26.21	30.00	Pass	78	78	
		110	5550	16.07		16.06		19.08	24.00	Pass	26.30	30.00	Pass	78	78	
		134	5670	16.13		16.13		19.14	24.00	Pass	26.36	30.00	Pass	78	78	
		151	5755	23.08		23.54		26.33	30.00	Pass	33.55	36.00	Pass	110	110	
		159	5795	22.89		23.30		26.11	30.00	Pass	33.33	36.00	Pass	110	110	
Mode:	802.11ac(20MHz z)	Data Rate:	MCS0NSS 1	Conducted power MIMO Mode(2TX+2RX)											Power Index	
Test Conditions	Channel	Frequency	Ant 3+5 Reading Level Avg. (dBm)				Total Conducted Power	Conducted Power Limit		Total EIRP Power		EIRP Limit				
		(MHz)	Ant3		Ant5		Avg. (dBm (Ant 3+5)	Avg. (dBm)	Pass/Fail	Avg. (dBm (Ant 3+5)	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5		
Tnom (25 °C)	Vnom (120V)	36	5180	10.83		10.67		N/A	N/A	N/A	20.98	23.00	Pass	57	57	
		40	5200	10.77		10.58		N/A	N/A	N/A	20.91	23.00	Pass	57	57	
		44	5220	10.74		10.66		N/A	N/A	N/A	20.94	23.00	Pass	57	57	
		48	5240	10.79		10.66		N/A	N/A	N/A	20.96	23.00	Pass	57	57	
		52	5260	12.45		12.43		15.45	24.00	Pass	22.67	30.00	Pass	62	62	
		60	5300	12.16		12.30		15.24	24.00	Pass	22.46	30.00	Pass	62	62	
		64	5320	12.13		12.35		15.25	24.00	Pass	22.47	30.00	Pass	62	62	
		100	5500	16.27		16.18		19.24	24.00	Pass	26.46	30.00	Pass	78	78	
		104	5520	16.11		16.08		19.11	24.00	Pass	26.33	30.00	Pass	78	78	
		116	5580	16.12		16.10		19.12	24.00	Pass	26.34	30.00	Pass	78	78	
		140	5700	16.22		16.27		19.26	24.00	Pass	26.48	30.00	Pass	78	78	
		149	5745	23.07		23.31		26.20	30.00	Pass	33.42	36.00	Pass	110	110	
		157	5785	22.84		22.97		25.92	30.00	Pass	33.14	36.00	Pass	110	110	
		165	5825	22.93		23.19		26.07	30.00	Pass	33.29	36.00	Pass	110	110	
Mode:	802.11ac(40MHz z)	Data Rate:	MCS0NSS 1	Conducted power MIMO Mode(2TX+2RX)											Power Index	
Test Conditions	Channel	Frequency	Ant 3+5 Reading Level Avg. (dBm)				Total Conducted Power	Conducted Power Limit		Total EIRP Power		EIRP Limit				
		(MHz)	Ant3		Ant5		Avg. (dBm (Ant 3+5)	Avg. (dBm)	Pass/Fail	Avg. (dBm (Ant 3+5)	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5		
Tnom (25 °C)	Vnom (120V)	38	5190	11.47		11.58		N/A	N/A	N/A	21.76	23.00	Pass	60	60	
		46	5230	11.51		11.77		N/A	N/A	N/A	21.87	23.00	Pass	60	60	
		52	5270	12.26		12.08		15.18	24.00	Pass	22.40	30.00	Pass	62	62	
		60	5310	12.14		12.12		15.14	24.00	Pass	22.36	30.00	Pass	62	62	
		102	5510	15.98		15.83		18.92	24.00	Pass	26.14	30.00	Pass	78	78	
		110	5550	15.97		15.91		18.95	24.00	Pass	26.17	30.00	Pass	78	78	
		134	5670	16.02		16.01		19.03	24.00	Pass	26.25	30.00	Pass	78	78	
		151	5755	23.25		23.52		26.40	30.00	Pass	33.62	36.00	Pass	110	110	
159	5795	22.94		23.36		26.17	30.00	Pass	33.39	36.00	Pass	110	110			
Mode:	802.11ac(80MHz z)	Data Rate:	MCS0NSS 1	Conducted power MIMO Mode(2TX+2RX)											Power Index	
Test Conditions	Channel	Frequency	Ant 3+5 Reading Level Avg. (dBm)				Total Conducted Power	Conducted Power Limit		Total EIRP Power		EIRP Limit				
		(MHz)	Ant3		Ant5		Avg. (dBm (Ant 3+5)	Avg. (dBm)	Pass/Fail	Avg. (dBm (Ant 3+5)	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5		

		165	5825	19.13	19.26	19.68	19.06	25.31	30.00	Pass	35.54	36.00	Pass	96	96	96	96										
Mode:	802.11ax(40MHz)	Data Rate:	HEONSS1	Conducted power										Power Index													
				MIMO Mode(4TX+4RX)																							
Test Conditions		Channel	Frequency	Ant3		Ant5		Ant6		Ant7		Total Conducted Power		Conducted Power Limit		Total EIRP Power		EIRP Limit									
			Reading Level	Reading Level		Reading Level		Reading Level																			
			(MHz)	Avg. (dBm)		Avg. (dBm)		Avg. (dBm)		Avg. (dBm)		Avg. (dBm (Ant 3+5+6+7))		Avg. (dBm)		Pass/Fail		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	5.70	5.77	5.64	5.72	N/A		N/A		N/A		21.96	23.00	Pass	36	36	36	36							
		46	5230	5.74	5.93	5.55	5.47	N/A		N/A		N/A		21.93	23.00	Pass	36	36	36	36							
		52	5270	6.52	6.54	6.44	6.39	12.49	24.00	Pass	22.72	30.00	Pass	40	40	40	40										
		60	5310	6.45	6.44	6.65	6.34	12.49	24.00	Pass	22.72	30.00	Pass	40	40	40	40										
		102	5510	10.46	10.34	10.81	10.40	16.53	24.00	Pass	26.76	30.00	Pass	56	56	56	56										
		110	5550	10.47	10.53	10.70	10.35	16.53	24.00	Pass	26.77	30.00	Pass	56	56	56	56										
		134	5670	10.52	10.57	10.65	10.33	16.54	24.00	Pass	26.77	30.00	Pass	56	56	56	56										
		151	5755	19.29	19.51	20.03	19.52	25.62	30.00	Pass	35.85	36.00	Pass	96	96	96	96										
		159	5795	19.06	19.44	19.91	19.44	25.49	30.00	Pass	35.72	36.00	Pass	96	96	96	96										
Mode:	802.11ax(80MHz)	Data Rate:	HEONSS1	Conducted power										Power Index													
				MIMO Mode(4TX+4RX)																							
Test Conditions		Channel	Frequency	Ant3		Ant5		Ant6		Ant7		Total Conducted Power		Conducted Power Limit		Total EIRP Power		EIRP Limit									
			Reading Level	Reading Level		Reading Level		Reading Level																			
			(MHz)	Avg. (dBm)		Avg. (dBm)		Avg. (dBm)		Avg. (dBm)		Avg. (dBm (Ant 3+5+6+7))		Avg. (dBm)		Pass/Fail		Avg. (dBm (Ant 3+5+6+7))		Avg. (dBm)		Pass/Fail		Ant 3	Ant 5	Ant 6	Ant 7
Tnom (25 °C)	Vnom (120V)	42	5210	5.66	5.69	5.72	5.92	N/A		N/A		N/A		22.00	23.00	Pass	38	38	38	38							
		58	5290	6.54	6.51	6.52	6.53	12.55	24.00	Pass	22.78	30.00	Pass	40	40	40	40										
		106	5530	10.55	10.75	10.93	10.66	16.75	24.00	Pass	26.98	30.00	Pass	56	56	56	56										
		155	5775	18.29	18.13	17.98	18.16	24.16	30.00	Pass	34.39	36.00	Pass	81	81	81	81										
Mode:	802.11ax(160MHz)	Data Rate:	HEONSS1	Conducted power										Power Index													
				MIMO Mode(4TX+4RX)																							
Test Conditions		Channel	Frequency	Ant3		Ant5		Ant6		Ant7		Total Conducted Power		Conducted Power Limit		Total EIRP Power		EIRP Limit									
			Reading Level	Reading Level		Reading Level		Reading Level																			
			(MHz)	Avg. (dBm)		Avg. (dBm)		Avg. (dBm)		Avg. (dBm)		Avg. (dBm (Ant 3+5+6+7))		Avg. (dBm)		Pass/Fail		Avg. (dBm (Ant 3+5+6+7))		Avg. (dBm)		Pass/Fail		Ant 3	Ant 5	Ant 6	Ant 7
Tnom (25 °C)	Vnom (120V)	50	5250	4.92	4.81	4.97	4.71	N/A		N/A		N/A		21.10	23.00	Pass	34	34	34	34							

ISED 5GHz Power Table-Radio 3(Dual 5G mode)

Standard:	RSS 247	Test Date:	2020.04.07	Temperature:	25℃		Humidity:	55% RH		
Project No. :	1992128R			Product Name:	Wireless Access point		Model Name:	AP410C	Test Site:	TR8
Antenna Gain(dBi)	Ant 3	4.19	Ant 5	3.22	Ant 6	3.96	Ant 7	4.21		
2*2 CDD-Directional Gain-Power(dBi)	4.21		2*2 BF-Directional Gain-Power(dBi)	7.22						
4*4 CDD-Directional Gain-Power(dBi)	4.21		4*4 BF-Directional Gain-Power(dBi)	10.23						
Operating temperature range:	Low	-40℃	Nor	25℃	High	60℃	Test Engineer	Pawn		



Test Eng:	Pawn												
Antenna Technology:	CDD 2*2												
Mode:	802.11a	Data Rate:	6Mbps	Conducted power	MIMO Mode(2TX+2RX)	Power Index							
Test Conditions	Channel	Frequency	Reading Level	Avg. (dBm)	Total Conducted Power	Conducted Power Limit	Total EIRP Power	EIRP Limit	Ant 3	Ant 5			
	(MHz)				Avg. (dBm) (Ant 3+5)	Avg. (dBm) Pass/Fail	Avg. (dBm) (Ant 3+5)	Avg. (dBm) Pass/Fail					
Tnom (25°C)	Vnom (120V)	100	5500	17.14	17.25	20.21	24.00	Pass	24.42	30.00	Pass	88	88
		104	5520	16.96	16.99	19.99	24.00	Pass	24.20	30.00	Pass	88	88
		116	5580	16.99	16.97	19.99	24.00	Pass	24.20	30.00	Pass	88	88
		140	5700	17.00	17.23	20.13	24.00	Pass	24.34	30.00	Pass	88	88
		149	5745	21.52	21.77	24.66	30.00	Pass	28.87	36.00	Pass	110	110
		157	5785	21.16	21.34	24.26	30.00	Pass	28.47	36.00	Pass	110	110
		165	5825	21.32	21.59	24.47	30.00	Pass	28.68	36.00	Pass	110	110
Mode:	802.11n(20MHz)	Data Rate:	MCS0	Conducted power	MIMO Mode(2TX+2RX)	Power Index							
Test Conditions	Channel	Frequency	Reading Level	Avg. (dBm)	Total Conducted Power	Conducted Power Limit	Total EIRP Power	EIRP Limit	Ant 3	Ant 5			
	(MHz)				Avg. (dBm) (Ant 3+5)	Avg. (dBm) Pass/Fail	Avg. (dBm) (Ant 3+5)	Avg. (dBm) Pass/Fail					
Tnom (25°C)	Vnom (120V)	100	5500	17.03	17.00	20.03	24.00	Pass	24.24	30.00	Pass	88	88
		104	5520	16.93	16.96	19.96	24.00	Pass	24.17	30.00	Pass	88	88
		116	5580	16.89	17.02	19.97	24.00	Pass	24.18	30.00	Pass	88	88
		140	5700	17.04	17.10	20.08	24.00	Pass	24.29	30.00	Pass	88	88
		149	5745	21.57	21.83	24.71	30.00	Pass	28.92	36.00	Pass	110	110
		157	5785	21.30	21.61	24.47	30.00	Pass	28.68	36.00	Pass	110	110
		165	5825	21.46	21.67	24.58	30.00	Pass	28.79	36.00	Pass	110	110
Mode:	802.11n(40MHz)	Data Rate:	MCS0	Conducted power	MIMO Mode(2TX+2RX)	Power Index							
Test Conditions	Channel	Frequency	Reading Level	Avg. (dBm)	Total Conducted Power	Conducted Power Limit	Total EIRP Power	EIRP Limit	Ant 3	Ant 5			
	(MHz)				Avg. (dBm) (Ant 3+5)	Avg. (dBm) Pass/Fail	Avg. (dBm) (Ant 3+5)	Avg. (dBm) Pass/Fail					
Tnom (25°C)	Vnom (120V)	102	5510	16.97	16.86	19.93	24.00	Pass	24.14	30.00	Pass	88	88
		110	5550	17.11	17.13	20.13	24.00	Pass	24.34	30.00	Pass	88	88
		134	5670	16.92	17.26	20.10	24.00	Pass	24.31	30.00	Pass	88	88
		151	5755	22.67	23.17	25.94	30.00	Pass	30.15	36.00	Pass	110	110
		159	5795	21.42	21.58	24.51	30.00	Pass	28.72	36.00	Pass	110	110
Mode:	802.11ac(20MHz)	Data Rate:	MCS0NSS1	Conducted power	MIMO Mode(2TX+2RX)	Power Index							
Test Conditions	Channel	Frequency	Reading Level	Avg. (dBm)	Total Conducted Power	Conducted Power Limit	Total EIRP Power	EIRP Limit	Ant 3	Ant 5			
	(MHz)				Avg. (dBm) (Ant 3+5)	Avg. (dBm) Pass/Fail	Avg. (dBm) (Ant 3+5)	Avg. (dBm) Pass/Fail					
Tnom (25°C)	Vnom (120V)	100	5500	17.10	17.01	20.07	24.00	Pass	24.28	30.00	Pass	88	88
		104	5520	16.87	17.04	19.97	24.00	Pass	24.18	30.00	Pass	88	88
		116	5580	17.08	16.80	19.95	24.00	Pass	24.16	30.00	Pass	88	88
		140	5700	17.04	17.00	20.03	24.00	Pass	24.24	30.00	Pass	88	88
		149	5745	21.59	21.97	24.79	30.00	Pass	28.00	36.00	Pass	110	110
		157	5785	21.20	21.48	24.35	30.00	Pass	28.56	36.00	Pass	110	110
		165	5825	21.51	21.73	24.63	30.00	Pass	28.84	36.00	Pass	110	110
Mode:	802.11ac(40MHz)	Data Rate:	MCS0NSS1	Conducted power	MIMO Mode(2TX+2RX)	Power Index							
Test Conditions	Channel	Frequency	Reading Level	Avg. (dBm)	Total Conducted Power	Conducted Power Limit	Total EIRP Power	EIRP Limit	Ant 3	Ant 5			
	(MHz)				Avg. (dBm) (Ant 3+5)	Avg. (dBm) Pass/Fail	Avg. (dBm) (Ant 3+5)	Avg. (dBm) Pass/Fail					
Tnom (25°C)	Vnom (120V)	102	5510	16.90	16.86	19.89	24.00	Pass	24.10	30.00	Pass	88	88
		110	5550	16.99	17.10	20.06	24.00	Pass	24.27	30.00	Pass	88	88
		134	5670	17.17	17.11	20.15	24.00	Pass	24.36	30.00	Pass	88	88
		151	5755	22.97	23.42	26.21	30.00	Pass	30.42	36.00	Pass	110	110
		159	5795	21.52	21.70	24.62	30.00	Pass	28.83	36.00	Pass	110	110
Mode:	802.11ac(80MHz)	Data Rate:	MCS0NSS1	Conducted power	MIMO Mode(2TX+2RX)	Power Index							
Test Conditions	Channel	Frequency	Reading Level	Avg. (dBm)	Total Conducted Power	Conducted Power Limit	Total EIRP Power	EIRP Limit	Ant 3	Ant 5			
	(MHz)				Avg. (dBm) (Ant 3+5)	Avg. (dBm) Pass/Fail	Avg. (dBm) (Ant 3+5)	Avg. (dBm) Pass/Fail					
Tnom (25°C)	Vnom (120V)	106	5530	15.77	15.89	18.84	24.00	Pass	23.05	30.00	Pass	83	83
		155	5775	18.43	18.30	21.38	30.00	Pass	25.59	36.00	Pass	93	93

Test Conditions		Channel	Frequency	Ant3	Ant5	Ant6	Ant7	Total Conducted Power		Conducted Power Limit		Total EIRP Power		EIRP Limit		Power Index						
			Reading Level	Reading Level	Reading Level	Reading Level	Avg. (dBm)		Avg. (dBm)		Avg. (dBm)		Avg. (dBm)									
			(MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	(Ant 3+5+6+7)		(Ant 3+5+6+7)		(Ant 3+5+6+7)		(Ant 3+5+6+7)		Ant 3	Ant 5	Ant 6	Ant 7			
Tnom (25 °C)	Vnom (120V)	100	5500	10.35	10.34	10.41	10.35	16.38		24.00	Pass	26.61		30.00	Pass	62	62	62	62			
		104	5520	10.22	10.26	10.43	10.27	16.32		24.00	Pass	26.55		30.00	Pass	62	62	62	62			
		116	5580	10.34	10.21	10.60	10.40	16.41		24.00	Pass	26.64		30.00	Pass	62	62	62	62			
		140	5700	10.39	10.49	10.45	10.29	16.43		24.00	Pass	26.66		30.00	Pass	62	62	62	62			
		149	5745	19.17	19.47	19.76	19.10	25.40		30.00	Pass	35.63		36.00	Pass	102	102	102	102			
		157	5785	18.93	19.14	19.58	19.18	25.23		30.00	Pass	35.47		36.00	Pass	102	102	102	102			
		165	5825	19.14	18.95	19.80	19.16	25.30		30.00	Pass	35.53		36.00	Pass	102	102	102	102			
Mode:	802.11ac(40MHz)	Data Rate:	MCS0NSS1	Conducted power MIMO Mode(4TX+4RX)														Power Index				
Test Conditions	Channel	Frequency	Ant3		Ant5		Ant6		Ant7		Total Conducted Power		Conducted Power Limit		Total EIRP Power		EIRP Limit					
		Reading Level	Reading Level	Reading Level	Reading Level	Reading Level	Reading Level	Avg. (dBm)		Avg. (dBm)		Avg. (dBm)		Avg. (dBm)		Avg. (dBm)						
		(MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	(Ant 3+5+6+7)		(Ant 3+5+6+7)		(Ant 3+5+6+7)		(Ant 3+5+6+7)		Ant 3	Ant 5	Ant 6	Ant 7			
Tnom (25 °C)	Vnom (120V)	102	5510	10.49	10.28	10.70	10.26	16.46		24.00	Pass	26.69		30.00	Pass	62	62	62	62			
		110	5550	10.39	10.50	10.61	10.11	16.43		24.00	Pass	26.66		30.00	Pass	62	62	62	62			
		134	5670	10.35	10.42	10.52	10.31	16.42		24.00	Pass	26.65		30.00	Pass	62	62	62	62			
		151	5755	19.27	19.14	19.91	19.42	25.47		30.00	Pass	35.70		36.00	Pass	102	102	102	102			
		159	5795	18.85	19.30	19.87	19.39	25.39		30.00	Pass	35.62		36.00	Pass	102	102	102	102			
Mode:	802.11ac(80MHz)	Data Rate:	MCS0NSS1	Conducted power MIMO Mode(4TX+4RX)														Power Index				
Test Conditions	Channel	Frequency	Ant3		Ant5		Ant6		Ant7		Total Conducted Power		Conducted Power Limit		Total EIRP Power		EIRP Limit					
		Reading Level	Reading Level	Reading Level	Reading Level	Reading Level	Reading Level	Avg. (dBm)		Avg. (dBm)		Avg. (dBm)		Avg. (dBm)		Avg. (dBm)						
		(MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	(Ant 3+5+6+7)		(Ant 3+5+6+7)		(Ant 3+5+6+7)		(Ant 3+5+6+7)		Ant 3	Ant 5	Ant 6	Ant 7			
Tnom (25 °C)	Vnom (120V)	106	5530	10.33	10.81	10.77	10.58	16.65		24.00	Pass	26.88		30.00	Pass	62	62	62	62			
		155	5775	18.37	17.66	17.62	17.65	23.86		30.00	Pass	34.09		36.00	Pass	87	87	87	87			
Mode:	802.11ax(20MHz)	Data Rate:	HE0NSS1	Conducted power MIMO Mode(4TX+4RX)														Power Index				
Test Conditions	Channel	Frequency	Ant3		Ant5		Ant6		Ant7		Total Conducted Power		Conducted Power Limit		Total EIRP Power		EIRP Limit					
		Reading Level	Reading Level	Reading Level	Reading Level	Reading Level	Reading Level	Avg. (dBm)		Avg. (dBm)		Avg. (dBm)		Avg. (dBm)		Avg. (dBm)						
		(MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	(Ant 3+5+6+7)		(Ant 3+5+6+7)		(Ant 3+5+6+7)		(Ant 3+5+6+7)		Ant 3	Ant 5	Ant 6	Ant 7			
Tnom (25 °C)	Vnom (120V)	100	5500	10.35	10.36	10.47	10.39	16.41		24.00	Pass	26.64		30.00	Pass	62	62	62	62			
		104	5520	10.32	10.29	10.53	10.26	16.37		24.00	Pass	26.60		30.00	Pass	62	62	62	62			
		116	5580	10.24	10.15	10.48	10.24	16.30		24.00	Pass	26.53		30.00	Pass	62	62	62	62			
		140	5700	10.29	10.50	10.55	10.37	16.45		24.00	Pass	26.68		30.00	Pass	62	62	62	62			
		149	5745	19.39	19.27	19.76	18.99	25.38		30.00	Pass	35.61		36.00	Pass	102	102	102	102			
		157	5785	18.91	19.04	19.67	19.10	25.21		30.00	Pass	35.44		36.00	Pass	102	102	102	102			
		165	5825	19.07	19.12	19.53	18.95	25.19		30.00	Pass	35.42		36.00	Pass	102	102	102	102			
Mode:	802.11ax(40MHz)	Data Rate:	HE0NSS1	Conducted power MIMO Mode(4TX+4RX)														Power Index				
Test Conditions	Channel	Frequency	Ant3		Ant5		Ant6		Ant7		Total Conducted Power		Conducted Power Limit		Total EIRP Power		EIRP Limit					
		Reading Level	Reading Level	Reading Level	Reading Level	Reading Level	Reading Level	Avg. (dBm)		Avg. (dBm)		Avg. (dBm)		Avg. (dBm)		Avg. (dBm)						
		(MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	(Ant 3+5+6+7)		(Ant 3+5+6+7)		(Ant 3+5+6+7)		(Ant 3+5+6+7)		Ant 3	Ant 5	Ant 6	Ant 7			
Tnom (25 °C)	Vnom (120V)	102	5510	10.42	10.23	10.62	10.35	16.43		24.00	Pass	26.66		30.00	Pass	62	62	62	62			
		110	5550	10.41	10.45	10.60	10.32	16.47		24.00	Pass	26.70		30.00	Pass	62	62	62	62			
		134	5670	10.42	10.51	10.47	10.32	16.45		24.00	Pass	26.68		30.00	Pass	62	62	62	62			
		151	5755	19.26	19.40	20.02	19.49	25.57		30.00	Pass	35.80		36.00	Pass	102	102	102	102			
		159	5795	18.89	19.44	19.72	19.29	25.37		30.00	Pass	35.60		36.00	Pass	102	102	102	102			
Mode:	802.11ax(80MHz)	Data Rate:	HE0NSS1	Conducted power MIMO Mode(4TX+4RX)														Power Index				
Test Conditions	Channel	Frequency	Ant3		Ant5		Ant6		Ant7		Total Conducted Power		Conducted Power Limit		Total EIRP Power		EIRP Limit					
		Reading Level	Reading Level	Reading Level	Reading Level	Reading Level	Reading Level	Avg. (dBm)		Avg. (dBm)		Avg. (dBm)		Avg. (dBm)		Avg. (dBm)						
		(MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	(Ant 3+5+6+7)		(Ant 3+5+6+7)		(Ant 3+5+6+7)		(Ant 3+5+6+7)		Ant 3	Ant 5	Ant 6	Ant 7			
Tnom (25 °C)	Vnom (120V)	106	5530	10.50	10.63	10.90	10.64	16.69		24.00	Pass	26.92		30.00	Pass	62	62	62	62			
		155	5775	18.11	17.97	17.91	17.99	24.02		30.00	Pass	34.25		36.00	Pass	87	87	87	87			