

FCC 5GHz Power Table-Radio 1



Standard:	FCC Part 15.407	Test Date:	2019.10.21	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: Pavn

Test Eng:		Pavn		Antenna Technology:		SISO		Conducted power		SISO mode		Total Power		Limit		Power Index										
Mode:	802.11a	Data Rate:	6Mbps	Channel	Frequency (MHz)	Reading Level	Avg. (dBm)	Ant 4	Avg. (dBm)	Avg. (dBm)	Pass/Fail	Ant 4	Pass/Fail	Ant 4	Pass/Fail	Ant 4	Pass/Fail									
Tnom (25°C)	Vnom (120V)			36	5180	16.53	16.53	16.53	16.53	30.00	Pass	70		70		70										
				40	5200	17.29	17.29	17.29	30.00	Pass	74		74		74		74									
				44	5220	17.35	17.35	17.35	30.00	Pass	74		74		74		74									
				48	5240	17.27	17.27	17.27	30.00	Pass	74		74		74		74									
				149	5745	19.93	19.93	19.93	30.00	Pass	80		80		80		80									
				157	5785	19.85	19.85	19.85	30.00	Pass	80		80		80		80									
				165	5825	19.52	19.52	19.52	30.00	Pass	80		80		80		80									
				Tnom (25°C)	Vnom (120V)			36	5180	16.55	16.55	16.55	16.55	30.00	Pass	70		70		70						
								40	5200	17.50	17.50	17.50	30.00	Pass	74		74		74		74					
								44	5220	17.39	17.39	17.39	30.00	Pass	74		74		74		74					
48	5240	17.33	17.33					17.33	30.00	Pass	74		74		74		74									
149	5745	19.99	19.99					19.99	30.00	Pass	80		80		80		80									
157	5785	19.90	19.90					19.90	30.00	Pass	80		80		80		80									
165	5825	19.85	19.85					19.85	30.00	Pass	80		80		80		80									
Tnom (25°C)	Vnom (120V)							38	5190	15.22	15.22	15.22	15.22	30.00	Pass	64		64		64						
								46	5230	17.36	17.36	17.36	30.00	Pass	74		74		74		74					
								151	5755	19.88	19.88	19.88	30.00	Pass	78		78		78		78					
				159	5795	19.18	19.18	19.18	30.00	Pass	78		78		78		78									
				Tnom (25°C)	Vnom (120V)			36	5180	16.94	16.94	16.94	16.94	30.00	Pass	70		70		70						
								40	5200	17.53	17.53	17.53	30.00	Pass	74		74		74		74					
								44	5220	17.51	17.51	17.51	30.00	Pass	74		74		74		74					
								48	5240	17.43	17.43	17.43	30.00	Pass	74		74		74		74					
								149	5745	19.78	19.78	19.78	30.00	Pass	80		80		80		80					
								157	5785	19.73	19.73	19.73	30.00	Pass	80		80		80		80					
165	5825	19.67	19.67					19.67	30.00	Pass	80		80		80		80									
Tnom (25°C)	Vnom (120V)							38	5190	15.52	15.52	15.52	15.52	30.00	Pass	64		64		64						
								46	5230	17.42	17.42	17.42	30.00	Pass	74		74		74		74					
								151	5755	19.80	19.80	19.80	30.00	Pass	78		78		78		78					
				159	5795	19.34	19.34	19.34	30.00	Pass	78		78		78		78									
				Tnom (25°C)	Vnom (120V)			42	5210	16.57	16.57	16.57	16.57	30.00	Pass	66		66		66						
								155	5775	18.39	18.39	18.39	30.00	Pass	74		74		74		74					
								Tnom (25°C)	Vnom (120V)			36	5180	16.96	16.96	16.96	16.96	30.00	Pass	70		70		70		
												40	5200	17.41	17.41	17.41	30.00	Pass	74		74		74		74	
												44	5220	17.44	17.44	17.44	30.00	Pass	74		74		74		74	
												48	5240	17.47	17.47	17.47	30.00	Pass	74		74		74		74	
149	5745	19.93	19.93									19.93	30.00	Pass	80		80		80		80					
157	5785	19.98	19.98									19.98	30.00	Pass	80		80		80		80					
165	5825	19.82	19.82									19.82	30.00	Pass	80		80		80		80					
Tnom (25°C)	Vnom (120V)											38	5190	15.56	15.56	15.56	15.56	30.00	Pass	64		64		64		
				46	5230	17.39	17.39					17.39	30.00	Pass	74		74		74		74					
				151	5755	19.59	19.59					19.59	30.00	Pass	78		78		78		78					
				159	5795	19.09	19.09	19.09	30.00	Pass	78		78		78		78									

FCC 5GHz Power Table-Radio 2



Standard:	FCC Part 15.407	Test Date:	2019.10.21	Temperature:	25°C	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)		6.57		
Operating temperature range:	Low: -40°C	Nor: 25°C	High: 60°C	Test Engineer:	Pawn		

Antenna Technology:		SISO										Power Index					
Mode:		Conducted power SISO mode															
Test Conditions		Channel		Ant 1 Reading Level		Ant 2 Reading Level		Total Power		Limit							
		Frequency (MHz)	Avg. (dBm)	Frequency (MHz)	Avg. (dBm)	Ant 1 Avg. (dBm)	Ant 2 Avg. (dBm)	Ant 1 Avg. (dBm)	Ant 2 Avg. (dBm)	Avg. (dBm)	Pass/Fail	Ant 1	Ant 2				
Mode:	802.11a	Data Rate:	6Mbps														
Tnom (25°C)	Vnom (120V)	36	5180	17.97	17.66	17.97	17.66	17.72	18.81	17.72	30.00	Pass	75	75			
		40	5200	18.81	17.72	18.81	17.72	18.81	17.72	17.72	30.00	Pass	80	80			
		44	5220	18.86	17.52	18.86	17.52	18.86	17.52	17.52	30.00	Pass	80	80			
		48	5240	18.59	17.59	18.59	17.59	18.59	17.59	30.00	Pass	80	80				
Mode:	802.11n(20MHz)	Data Rate:	MCS0														
Tnom (25°C)	Vnom (120V)	36	5180	18.07	17.63	18.07	17.63	18.07	17.63	30.00	Pass	75	75				
		40	5200	18.52	17.49	18.52	17.49	18.52	17.49	30.00	Pass	76	76				
		44	5220	18.45	17.44	18.45	17.44	18.45	17.44	30.00	Pass	76	76				
		48	5240	18.56	17.73	18.56	17.73	18.56	17.73	30.00	Pass	76	76				
Mode:	802.11n(40MHz)	Data Rate:	MCS0														
Tnom (25°C)	Vnom (120V)	36	5190	15.64	15.46	15.64	15.46	15.64	15.46	30.00	Pass	66	66				
		40	5230	18.65	17.65	18.65	17.65	18.65	17.65	30.00	Pass	78	78				
		Mode:	802.11ac(20MHz)	Data Rate:	MCS0NSS1												
		Tnom (25°C)	Vnom (120V)	36	5180	18.12	17.13	18.12	17.13	18.12	17.13	30.00	Pass	75	75		
40	5200			18.51	17.54	18.51	17.54	18.51	17.54	30.00	Pass	76	76				
44	5220			18.54	17.47	18.54	17.47	18.54	17.47	30.00	Pass	76	76				
48	5240			18.56	17.56	18.56	17.56	18.56	17.56	30.00	Pass	76	76				
Mode:	802.11ac(40MHz)	Data Rate:	MCS0NSS1														
Tnom (25°C)	Vnom (120V)	36	5190	15.68	15.49	15.68	15.49	15.68	15.49	30.00	Pass	66	66				
		40	5230	18.58	17.43	18.58	17.43	18.58	17.43	30.00	Pass	78	78				
		Mode:	802.11ac(80MHz)	Data Rate:	MCS0NSS1												
		Tnom (25°C)	Vnom (120V)	42	5210	16.51	16.39	16.51	16.39	16.51	16.39	30.00	Pass	68	68		
Mode:	802.11ax(20MHz)			Data Rate:	HE0NSS1												
Tnom (25°C)	Vnom (120V)			36	5180	18.08	17.24	18.08	17.24	18.08	17.24	30.00	Pass	75	75		
				40	5200	18.75	17.52	18.75	17.52	18.75	17.52	30.00	Pass	76	73		
		44	5220	18.55	17.58	18.55	17.58	18.55	17.58	30.00	Pass	76	73				
		48	5240	18.50	17.62	18.50	17.62	18.50	17.62	30.00	Pass	76	73				
Mode:	802.11ax(40MHz)	Data Rate:	HE0NSS1														
Tnom (25°C)	Vnom (120V)	36	5190	15.70	15.45	15.70	15.45	15.70	15.45	30.00	Pass	66	66				
		40	5230	18.53	17.42	18.53	17.42	18.53	17.42	30.00	Pass	78	76				
		Mode:	802.11ax(80MHz)	Data Rate:	HE0NSS1												
		Tnom (25°C)	Vnom (120V)	42	5210	16.42	16.22	16.42	16.22	16.42	16.22	30.00	Pass	68	68		
Antenna Technology:	CDD 2'2																
Mode:	802.11a			Data Rate:	6Mbps	Conducted power MIMO Mode(2TX+2RX)										Power Index	
Tnom (25°C)	Vnom (120V)			Channel		Ant 1+2 Reading Level Avg. (dBm)		Ant 1		Ant 2		Total Power Avg. (dBm) (Ant 1+2)		Limit			
		Frequency (MHz)	Avg. (dBm)	Ant 1 Avg. (dBm)	Ant 2 Avg. (dBm)	Ant 1 Avg. (dBm)	Ant 2 Avg. (dBm)	Avg. (dBm)	Pass/Fail	Ant 1	Ant 2						
		36	5180	13.11	12.92	13.11	12.92	13.11	12.92	30.00	Pass	56	56				
		40	5200	13.03	12.87	13.03	12.87	13.03	12.87	30.00	Pass	56	56				
44	5220	13.19	12.93	13.19	12.93	13.19	12.93	30.00	Pass	56	56						
48	5240	12.81	12.63	12.81	12.63	12.81	12.63	30.00	Pass	56	56						
Mode:	802.11n(20MHz)	Data Rate:	MCS0	Conducted power MIMO Mode(2TX+2RX)										Power Index			
Tnom (25°C)	Vnom (120V)	Channel		Ant 1+2 Reading Level Avg. (dBm)		Ant 1		Ant 2		Total Power Avg. (dBm) (Ant 1+2)		Limit					
		Frequency (MHz)	Avg. (dBm)	Ant 1 Avg. (dBm)	Ant 2 Avg. (dBm)	Ant 1 Avg. (dBm)	Ant 2 Avg. (dBm)	Avg. (dBm)	Pass/Fail	Ant 1	Ant 2						
		36	5180	12.90	12.79	12.90	12.79	12.90	12.79	30.00	Pass	56	56				
		40	5200	12.88	12.65	12.88	12.65	12.88	12.65	30.00	Pass	56	56				
44	5220	12.50	13.09	12.50	13.09	12.50	13.09	30.00	Pass	56	56						
48	5240	13.04	12.80	13.04	12.80	13.04	12.80	30.00	Pass	56	56						
Mode:	802.11n(40MHz)	Data Rate:	MCS0	Conducted power MIMO Mode(2TX+2RX)										Power Index			
Tnom (25°C)	Vnom (120V)	Channel		Ant 1+2 Reading Level Avg. (dBm)		Ant 1		Ant 2		Total Power Avg. (dBm) (Ant 1+2)		Limit					
		Frequency (MHz)	Avg. (dBm)	Ant 1 Avg. (dBm)	Ant 2 Avg. (dBm)	Ant 1 Avg. (dBm)	Ant 2 Avg. (dBm)	Avg. (dBm)	Pass/Fail	Ant 1	Ant 2						
		36	5190	12.72	13.11	12.72	13.11	12.72	13.11	30.00	Pass	56	56				
		40	5230	12.81	12.60	12.81	12.60	12.81	12.60	30.00	Pass	56	56				
Mode:	802.11ac(20MHz)	Data Rate:	MCS0NSS1	Conducted power MIMO Mode(2TX+2RX)										Power Index			
Tnom (25°C)	Vnom (120V)	Channel		Ant 1+2 Reading Level Avg. (dBm)		Ant 1		Ant 2		Total Power Avg. (dBm) (Ant 1+2)		Limit					
		Frequency (MHz)	Avg. (dBm)	Ant 1 Avg. (dBm)	Ant 2 Avg. (dBm)	Ant 1 Avg. (dBm)	Ant 2 Avg. (dBm)	Avg. (dBm)	Pass/Fail	Ant 1	Ant 2						
		36	5180	12.93	12.75	12.93	12.75	12.93	12.75	30.00	Pass	56	56				
		40	5200	12.94	12.61	12.94	12.61	12.94	12.61	30.00	Pass	56	56				
44	5220	12.76	13.12	12.76	13.12	12.76	13.12	30.00	Pass	56	56						
48	5240	13.00	12.78	13.00	12.78	13.00	12.78	30.00	Pass	56	56						
Mode:	802.11ac(40MHz)	Data Rate:	MCS0NSS1	Conducted power MIMO Mode(2TX+2RX)										Power Index			
Tnom (25°C)	Vnom (120V)	Channel		Ant 1+2 Reading Level Avg. (dBm)		Ant 1		Ant 2		Total Power Avg. (dBm) (Ant 1+2)		Limit					
		Frequency (MHz)	Avg. (dBm)	Ant 1 Avg. (dBm)	Ant 2 Avg. (dBm)	Ant 1 Avg. (dBm)	Ant 2 Avg. (dBm)	Avg. (dBm)	Pass/Fail	Ant 1	Ant 2						
		36	5190	12.99	12.65	12.99	12.65	12.99	12.65	30.00	Pass	56	56				
		40	5230	13.01	12.88	13.01	12.88	13.01	12.88	30.00	Pass	56	56				
Mode:	802.11ac(80MHz)	Data Rate:	MCS0NSS1	Conducted power MIMO Mode(2TX+2RX)										Power Index			
Tnom (25°C)	Vnom (120V)	Channel		Ant 1+2 Reading Level Avg. (dBm)		Ant 1		Ant 2		Total Power Avg. (dBm) (Ant 1+2)		Limit					
		Frequency (MHz)	Avg. (dBm)	Ant 1 Avg. (dBm)	Ant 2 Avg. (dBm)	Ant 1 Avg. (dBm)	Ant 2 Avg. (dBm)	Avg. (dBm)	Pass/Fail	Ant 1	Ant 2						
		42	5210	13.06	12.87	13.06	12.87	13.06	12.87	30.00	Pass	56	56				
		Mode:	802.11ax(20MHz)	Data Rate:	HE0NSS1	Conducted power MIMO Mode(2TX+2RX)										Power Index	
Tnom (25°C)	Vnom (120V)	Channel		Ant 1+2 Reading Level Avg. (dBm)		Ant 1		Ant 2		Total Power Avg. (dBm) (Ant 1+2)		Limit					
		Frequency (MHz)	Avg. (dBm)	Ant 1 Avg. (dBm)	Ant 2 Avg. (dBm)	Ant 1 Avg. (dBm)	Ant 2 Avg. (dBm)	Avg. (dBm)	Pass/Fail	Ant 1	Ant 2						
		36	5180	12.91	12.79	12.91	12.79	12.91	12.79	30.00	Pass	56	56				

Tnom (25°C)	Vnom (120V)	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		15.55	30.00	Pass	56	56	
Mode: 802.11ax(40MHz)	Data Rate: HE0NSS1	Conducted power MIMO Mode(2TX+2RX)											
		Test Conditions	Channel	Ant 1+2 Reading Level Avg. (dBm)				Total Power	Limit		Power Index		
				(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	
Mode: 802.11ax(80MHz)	Data Rate: HE0NSS1	Conducted power MIMO Mode(2TX+2RX)											
		Test Conditions	Channel	Ant 1+2 Reading Level Avg. (dBm)				Total Power	Limit		Power Index		
				(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	

Antenna Technology:	Beamforming 2T2												
Mode: 802.11n(20MHz)	Data Rate: MCS0	Conducted power MIMO Mode(2TX+2RX)											
		Test Conditions	Channel	Ant 1+2 Reading Level Avg. (dBm)				Total Power	Limit		Power Index		
				(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	
Mode: 802.11n(40MHz)	Data Rate: MCS0	Conducted power MIMO Mode(2TX+2RX)											
		Test Conditions	Channel	Ant 1+2 Reading Level Avg. (dBm)				Total Power	Limit		Power Index		
				(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	
Mode: 802.11ac(20MHz)	Data Rate: MCS0NSS1	Conducted power MIMO Mode(2TX+2RX)											
		Test Conditions	Channel	Ant 1+2 Reading Level Avg. (dBm)				Total Power	Limit		Power Index		
				(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	
Mode: 802.11ac(40MHz)	Data Rate: MCS0NSS1	Conducted power MIMO Mode(2TX+2RX)											
		Test Conditions	Channel	Ant 1+2 Reading Level Avg. (dBm)				Total Power	Limit		Power Index		
				(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	
Mode: 802.11ac(80MHz)	Data Rate: MCS0NSS1	Conducted power MIMO Mode(2TX+2RX)											
		Test Conditions	Channel	Ant 1+2 Reading Level Avg. (dBm)				Total Power	Limit		Power Index		
				(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	9.88		10.16		13.03	29.43	Pass	47	47	
Mode: 802.11ax(20MHz)	Data Rate: HE0NSS1	Conducted power MIMO Mode(2TX+2RX)											
		Test Conditions	Channel	Ant 1+2 Reading Level Avg. (dBm)				Total Power	Limit		Power Index		
				(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	10.10		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	
Mode: 802.11ax(40MHz)	Data Rate: HE0NSS1	Conducted power MIMO Mode(2TX+2RX)											
		Test Conditions	Channel	Ant 1+2 Reading Level Avg. (dBm)				Total Power	Limit		Power Index		
				(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	9.96		10.11		13.05	29.43	Pass	47	47	
		46	5230	10.02		9.99		13.02	29.43	Pass	47	47	
Mode: 802.11ax(80MHz)	Data Rate: HE0NSS1	Conducted power MIMO Mode(2TX+2RX)											
		Test Conditions	Channel	Ant 1+2 Reading Level Avg. (dBm)				Total Power	Limit		Power Index		
				(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	9.69		10.08		12.90	29.43	Pass	47	47	

FCC 5GHz Power Table-Radio 3(Dual 2.4G+5G mode)



Standard:	FCC Part 15.407	Test Date:	2019.10.21	Temperature:	25°C	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°C	Nor	25°C	High	60°C	Test Engineer:	Pawn

Test Eng:		Pawn												
Antenna Technology:		CDD 2*2												
Mode:	802.11a	Data Rate:	6Mbps											
Test Conditions		Channel	Ant 3		Ant 5		Total Power		Limit		Power Index			
		(MHz)	Reading Level		Reading Level		Avg. (dBm)		Avg. (dBm)		Pass/Fail			
			Avg. (dBm)		Avg. (dBm)									
Tnom (25°C)	Vnom (120V)	36	5180	13.53	13.61	16.58	30.00	Pass	55	55				
		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	13.59	16.80	30.00	Pass	55	55				
		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											
Test Conditions		Channel	Ant 3		Ant 5		Total Power		Limit		Power Index			
		(MHz)	Reading Level		Reading Level		Avg. (dBm)		Avg. (dBm)		Pass/Fail			
			Avg. (dBm)		Avg. (dBm)									
Tnom (25°C)	Vnom (120V)	36	5180	13.69	13.78	16.75	30.00	Pass	55	55				
		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				
		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											
Test Conditions		Channel	Ant 3		Ant 5		Total Power		Limit		Power Index			
		(MHz)	Reading Level		Reading Level		Avg. (dBm)		Avg. (dBm)		Pass/Fail			
			Avg. (dBm)		Avg. (dBm)									
Tnom (25°C)	Vnom (120V)	38	5190	13.98	13.81	16.81	30.00	Pass	52	52				
		46	5230	13.71	13.59	16.68	30.00	Pass	52	52				
		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									
		Test Conditions		Channel	Ant 3		Ant 5		Total Power		Limit		Power Index	
				(MHz)	Reading Level		Reading Level		Avg. (dBm)		Avg. (dBm)		Pass/Fail	
			Avg. (dBm)		Avg. (dBm)									
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				
		149	5745	22.96	23.26	26.12	30.00	Pass	110	110				
		157	5785	22.67	22.98	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											
Test Conditions		Channel	Ant 3		Ant 5		Total Power		Limit		Power Index			
		(MHz)	Reading Level		Reading Level		Avg. (dBm)		Avg. (dBm)		Pass/Fail			
			Avg. (dBm)		Avg. (dBm)									
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				
		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									
		Test Conditions		Channel	Ant 3		Ant 5		Total Power		Limit		Power Index	
				(MHz)	Reading Level		Reading Level		Avg. (dBm)		Avg. (dBm)		Pass/Fail	
			Avg. (dBm)		Avg. (dBm)									
Tnom (25°C)	Vnom (120V)	42	5210	13.65	13.52	16.60	30.00	Pass	50	50				
		155	5775	18.59	18.43	21.52	30.00	Pass	87	87				
		Mode:	802.11ax(20MHz)	Data Rate:	HE0NSS1									
		Test Conditions		Channel	Ant 3		Ant 5		Total Power		Limit		Power Index	
				(MHz)	Reading Level		Reading Level		Avg. (dBm)		Avg. (dBm)		Pass/Fail	
					Avg. (dBm)		Avg. (dBm)							
		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			13.92	13.25	16.45	30.00	Pass	55	55				
48	5240			13.71	13.26	16.50	30.00	Pass	55	55				
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											
Test Conditions		Channel	Ant 3		Ant 5		Total Power		Limit		Power Index			
		(MHz)	Reading Level		Reading Level		Avg. (dBm)		Avg. (dBm)		Pass/Fail			
			Avg. (dBm)		Avg. (dBm)									
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				
		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									
		Test Conditions		Channel	Ant 3		Ant 5		Total Power		Limit		Power Index	
				(MHz)	Reading Level		Reading Level		Avg. (dBm)		Avg. (dBm)		Pass/Fail	
			Avg. (dBm)		Avg. (dBm)									
Tnom (25°C)	Vnom (120V)	42	5210	13.81	13.50	16.67	30.00	Pass	50	50				
		155	5775	18.72	18.66	21.70	30.00	Pass	87	87				

Antenna Technology:		CDD 4*4														
Mode:	802.11a	Data Rate:	6Mbps													
Test Conditions		Channel	Ant3		Ant5		Ant6		Ant7		Total Power		Limit		Power Index	
		(MHz)	Reading Level		Reading Level		Reading Level		Reading Level		Avg. (dBm)		Avg. (dBm)		Pass/Fail	
			Avg. (dBm)		Avg. (dBm)		Avg. (dBm)		Avg. (dBm)							
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	10.28	10.50	16.60	30.00	Pass	46	46	46	46		
		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													
Test Conditions		Channel	Ant3		Ant5		Ant6		Ant7		Total Power		Limit		Power Index	
		(MHz)	Reading Level		Reading Level		Reading Level		Reading Level		Avg. (dBm)		Avg. (dBm)		Pass/Fail	
			Avg. (dBm)		Avg. (dBm)		Avg. (dBm)		Avg. (dBm)							
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		
		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													
Test Conditions		Channel	Ant3		Ant5		Ant6		Ant7		Total Power		Limit		Power Index	
		(MHz)	Reading Level		Reading Level		Reading Level		Reading Level		Avg. (dBm)		Avg. (dBm)		Pass/Fail	
			Avg. (dBm)		Avg. (dBm)		Avg. (dBm)		Avg. (dBm)							
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		

Mode	Bandwidth	Data Rate	MCS	Channel	Frequency (MHz)	Ant3 Reading Level (dBm)	Ant5 Reading Level (dBm)	Ant6 Reading Level (dBm)	Ant7 Reading Level (dBm)	Total Power (dBm)	Limit (dBm)	Pass/Fail	Ant 3	Ant 5	Ant 6	Ant 7																				
802.11ac(20MHz)	20MHz	MCS0NSS1	MIMO Mode(4TX+4RX)	Channel	Ant 3+5+6+7				Total Power	Limit	Pass	110	110	110	110	110	110	110																		
					Frequency	Reading Level	Reading Level	Reading Level											Reading Level	Avg. (dBm)	Avg. (dBm)															
					36	5180	10.69	10.43	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											
					149	5745	23.15	23.04	24.49	22.79									29.15	30.00	Pass	110	110	110	110											
					157	5785	22.80	22.86	23.57	22.54									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											
					802.11ac(40MHz)	40MHz	MCS0NSS1	MIMO Mode(4TX+4RX)	Channel	Ant 3+5+6+7									Total Power	Limit	Pass	110	110	110	110	110	110									
Frequency	Reading Level	Reading Level	Reading Level	Reading Level						Avg. (dBm)	Avg. (dBm)																									
38	5190	10.76	10.53	10.96						10.38	16.68	30.00	Pass	44	44	44	44																			
46	5230	10.89	10.84	10.87						10.85	16.71	30.00	Pass	44	44	44	44																			
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																			
802.11ac(80MHz)	80MHz	MCS0NSS1	MIMO Mode(4TX+4RX)	Channel						Ant 3+5+6+7				Total Power	Limit	Pass	110	110	110	110								110	110							
										Frequency	Reading Level	Reading Level	Reading Level																	Reading Level	Avg. (dBm)	Avg. (dBm)				
										42	5210	11.06	10.98	10.69	10.55															16.85	30.00	Pass	47	47	47	47
										155	5775	17.32	17.16	17.13	17.28															23.24	30.00	Pass	81	81	81	81
					802.11ax(20MHz)	20MHz	HE0NSS1	MIMO Mode(4TX+4RX)	Channel	Ant 3+5+6+7				Total Power	Limit						Pass	110	110	110	110	110	110									
										Frequency	Reading Level	Reading Level	Reading Level																	Reading Level	Avg. (dBm)	Avg. (dBm)				
										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	10.70	10.61	10.81	10.70															16.68	30.00	Pass	46	46	46	46
										48	5240	10.52	10.62	10.66	10.65															16.56	30.00	Pass	46	46	46	46
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																			
802.11ax(40MHz)	40MHz	HE0NSS1	MIMO Mode(4TX+4RX)	Channel						Ant 3+5+6+7				Total Power	Limit	Pass	110	110	110	110								110	110							
					Frequency	Reading Level	Reading Level	Reading Level	Reading Level	Avg. (dBm)	Avg. (dBm)																									
					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														
					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														
					802.11ax(80MHz)	80MHz	HE0NSS1	MIMO Mode(4TX+4RX)	Channel	Ant 3+5+6+7				Total Power	Limit						Pass	110	110	110	110	110	110									
										Frequency	Reading Level	Reading Level	Reading Level																	Reading Level	Avg. (dBm)	Avg. (dBm)				
										42	5210	10.76	10.85	10.66	10.42															16.70	30.00	Pass	47	47	47	47
										155	5775	17.26	17.03	17.12	17.19															23.17	30.00	Pass	81	81	81	81

Antenna Technology	Mode	Bandwidth	Data Rate	MCS	Channel	Frequency (MHz)	Ant3 Reading Level (dBm)	Ant5 Reading Level (dBm)	Ant6 Reading Level (dBm)	Ant7 Reading Level (dBm)	Total Power (dBm)	Limit (dBm)	Pass/Fail	Ant 3	Ant 5	Ant 6	Ant 7																			
802.11n(20MHz)	20MHz	MCS0	MIMO Mode(2TX+2RX)	Channel	Ant 3+5				Total Power	Limit	Pass	110	110	110	110	110	110																			
					Frequency	Reading Level	Reading Level	Reading Level										Reading Level	Avg. (dBm)	Avg. (dBm)																
					36	5180	11.04	10.73	10.73	10.60								13.60	28.78	Pass	42	42	42	42												
					40	5200	10.82	10.62	10.62	10.47								13.73	28.78	Pass	42	42	42	42												
					44	5220	10.95	10.52	10.48	10.48								13.55	28.78	Pass	42	42	42	42												
					48	5240	10.56	10.52	10.66	10.52								13.54	28.78	Pass	41	41	41	41												
					149	5745	22.96	23.29	23.29	23.29								28.14	28.78	Pass	110	110	110	110												
					157	5785	22.74	22.54	22.54	22.54								28.55	28.78	Pass	110	110	110	110												
					165	5825	22.83	23.02	23.02	23.02								28.78	28.78	Pass	110	110	110	110												
					802.11n(40MHz)	40MHz	MCS0	MIMO Mode(2TX+2RX)	Channel	Ant 3+5								Total Power	Limit	Pass	110	110	110	110	110	110										
Frequency	Reading Level	Reading Level	Reading Level	Reading Level						Avg. (dBm)	Avg. (dBm)																									
38	5190	10.61	10.91	10.81						10.71	13.77	28.78	Pass	41	41	41	41																			
46	5230	10.39	10.67	10.67						10.67	13.54	28.78	Pass	41	41	41	41																			
151	5755	22.08	23.54	23.54						23.54	28.33	28.78	Pass	110	110	110	110																			
159	5795	22.89	23.30	23.30						23.30	28.61	28.78	Pass	110	110	110	110																			
802.11ac(20MHz)	20MHz	MCS0NSS1	MIMO Mode(2TX+2RX)	Channel						Ant 3+5				Total Power	Limit	Pass	110	110	110								110	110	110							
										Frequency	Reading Level	Reading Level	Reading Level																	Reading Level	Avg. (dBm)	Avg. (dBm)				
										36	5180	10.76	10.50	10.50	10.50															13.64	28.78	Pass	42	42	42	42
										40	5200	10.54	10.62	10.62	10.62															13.59	28.78	Pass	42	42	42	42
					44	5220	10.79	10.49	10.49	10.49	13.65	28.78	Pass	42	42					42	42															
					48	5240	10.93	10.68	10.68	10.68	13.82	28.78	Pass	42	42					42	42															
					149	5745	23.07	23.31	23.31	23.31	26.20	28.78	Pass	110	110					110	110															
					157	5785	22.84	22.97	22.97	22.97	26.02	28.78	Pass	110	110					110	110															
					165	5825	22.93	23.19	23.19	23.19	26.07	28.78	Pass	110	110					110	110															
					802.11ac(40MHz)	40MHz	MCS0NSS1	MIMO Mode(2TX+2RX)	Channel	Ant 3+5				Total Power	Limit					Pass	110	110	110	110	110	110										
Frequency	Reading Level	Reading Level	Reading Level	Reading Level						Avg. (dBm)	Avg. (dBm)																									
38	5190	10.77	10.65	10.65						10.65	13.72	28.78	Pass	41	41	41	41																			
46	5230	11.01	10.68	10.68						10.68	13.86	28.78	Pass	41	41	41	41																			
151	5755	23.25	23.52	23.52						23.52	26.40	28.78	Pass	110	110	110	110																			
159	5795	22.94	23.36	23.36						23.36	26.17	28.78	Pass	110	110	110	110																			
802.11ac(80MHz)	80MHz	MCS0NSS1	MIMO Mode(2TX+2RX)	Channel						Ant 3+5				Total Power	Limit	Pass	110	110	110								110	110	110							
										Frequency	Reading Level	Reading Level	Reading Level																	Reading Level	Avg. (dBm)	Avg. (dBm)				
										42	5210	10.62	10.96	10.96	10.96															13.80	28.78	Pass	43	43	43	43
										155	5775	18.35	18.22	18.22	18.22															21.30	28.78	Pass	87	87	87	87
					802.11ax(20MHz)	20MHz	HE0NSS1	MIMO Mode(2TX+2RX)	Channel	Ant 3+5				Total Power	Limit					Pass	110	110	110	110	110	110										
										Frequency	Reading Level	Reading Level	Reading Level																	Reading Level	Avg. (dBm)	Avg. (dBm)				
										36	5180	10.35	10.79	10.79	10.79															13.59	28.78	Pass	42	42	42	42
										40	5200	10.75	10.58	10.58	10.58															13.67	28.78	Pass	42	42	42	42
										44	5220	10.36	10.68	10.68	10.68															13.53	28.78	Pass	42	42	42	42
										48	5240	10.51	10.89	10.89	10.89															13.71	28.78	Pass	42	42	42	42
149	5745	22.96	23.31	23.31						23.31	26.15	28.78	Pass	110	110	110	110																			
157	5785	22.90	23.12	23.12						23.12	26.03	28.78	Pass	110	110	110	110																			
165	5825	22.90	23.12	23.12						23.12	26.02	28.78	Pass	110	110	110	110																			
802.11ax(40MHz)	40MHz	HE0NSS1	MIMO Mode(2TX+2RX)	Channel						Ant 3+5				Total Power	Limit	Pass	110	110	110								110	110	110							
					Frequency	Reading Level	Reading Level	Reading Level	Reading Level	Avg. (dBm)	Avg. (dBm)																									
					38	5190	10.62	10.66	10.66	10.66	13.65	28.78	Pass	41	41					41	41															
					46	5230	10.81	10.63	10.63	10.63	13.73	28.78	Pass	41	41					41	41															
					151	5755	23.26	23.57	23.57	23.57	26.43	28.78	Pass	110	110					110	110															
					159	5795	22.94	23.53	23.53	23.53	26.26	28.78	Pass	110	110					110	110															
					802.11ax(80MHz)	80MHz	HE0NSS1	MIMO Mode(2TX+2RX)	Channel	Ant 3+5				Total Power	Limit					Pass	110	110	110	110	110	110										
										Frequency	Reading Level	Reading Level	Reading																							

Tnom (25°C)	Vnom (120V)	42	5210	10.89	10.66	13.79	28.78	Pass	43	43
		155	5775	18.23	18.11	21.18	28.78	Pass	87	87

Antenna Technology:		Beamforming 4T4										Power Index												
Mode:	Data Rate:	Conducted power MIMO Mode(4TX+4RX)										Power Index												
		Channel	Ant3		Ant5		Ant6		Ant7		Total Power					Limit								
			Frequency (MHz)	Reading Level	Reading Level	Reading Level	Reading Level	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)							Avg. (dBm)							
Tnom (25°C)	Vnom (120V)	MCS0																						
		Ant 3+5+6+7																						
		36	5180	4.96	5.02	4.92	4.78	10.94	25.77	Pass	24					24	24	24						
		40	5200	4.76	5.00	4.44	4.59	10.61	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						
		149	5745	19.36	19.54	19.82	19.22	25.81	25.77	Pass	96					96	96	96						
		157	5755	19.01	19.26	19.65	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						
		Tnom (25°C)	Vnom (120V)	MCS0SS1																				
Ant 3+5+6+7																								
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										
151	5755			19.30	19.82	19.46	19.62	25.67	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										
Tnom (25°C)	Vnom (120V)			MCS0SS1																				
				Ant 3+5+6+7																				
				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	4.59	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						
		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						
		Tnom (25°C)	Vnom (120V)	MCS0SS1																				
Ant 3+5+6+7																								
38	5190			4.92	4.84	4.48	4.21	10.67	25.77	Pass	20	20	20	20										
46	5230			4.89	4.41	4.52	4.30	10.58	25.77	Pass	20	20	20	20										
151	5755			19.40	19.22	20.09	19.61	25.61	25.77	Pass	96	96	96	96										
159	5795			19.02	19.39	20.01	19.41	25.49	25.77	Pass	96	96	96	96										
Tnom (25°C)	Vnom (120V)			HE0NS1																				
				Ant 3+5+6+7																				
				42	5210	4.53	4.74	4.49	4.82	10.67	25.77	Pass	21									21	21	21
				155	5775	18.39	17.78	17.72	17.69	23.93	25.77	Pass	81									81	81	81
		Tnom (25°C)	Vnom (120V)	HE0NS1																				
				Ant 3+5+6+7																				
				36	5180	4.30	4.87	4.83	4.44	10.64	25.77	Pass	24									24	24	24
				40	5200	4.24	4.58	4.79	4.62	10.58	25.77	Pass	24									24	24	24
				44	5220	4.10	4.52	4.63	4.58	10.47	25.77	Pass	24									24	24	24
				48	5240	4.45	5.02	4.80	4.58	10.74	25.77	Pass	24									24	24	24
149	5745			19.43	19.39	19.87	19.15	25.49	25.77	Pass	96	96	96	96										
157	5785			19.04	19.23	19.72	19.23	25.33	25.77	Pass	96	96	96	96										
165	5825			19.13	19.26	19.68	19.06	25.31	25.77	Pass	96	96	96	96										
Tnom (25°C)	Vnom (120V)			HE0NS1																				
		Ant 3+5+6+7																						
		38	5190	4.96	4.77	4.57	4.33	10.63	25.77	Pass	20	20	20					20						
		46	5230	4.88	4.52	4.42	4.43	10.59	25.77	Pass	20	20	20					20						
		151	5755	19.29	19.51	20.03	19.52	25.62	25.77	Pass	96	96	96					96						
		159	5795	19.06	19.44	19.91	19.44	25.49	25.77	Pass	96	96	96					96						
		Tnom (25°C)	Vnom (120V)	HE0NS1																				
				Ant 3+5+6+7																				
				42	5210	4.75	4.89	4.62	4.55	10.67	25.77	Pass	21									21	21	21
				155	5775	18.29	18.13	17.98	18.16	24.16	25.77	Pass	81									81	81	81

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)		Total Power	Limit		
Test Conditions		Channel	Frequency	Reading Level			Avg. (dBm)	Avg. (dBm)	Pass/Fail
			(MHz)	Ant1	Ant2				
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)		Total Power	Limit		
Test Conditions		Channel	Frequency	Reading Level			Avg. (dBm)	Avg. (dBm)	Pass/Fail
			(MHz)	Ant1	Ant2				
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)		Total Power	Limit		
Test Conditions		Channel	Frequency	Reading Level			Avg. (dBm)	Avg. (dBm)	Pass/Fail
			(MHz)	Ant1	Ant2				
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
		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)		Total Power	Limit		
Test Conditions		Channel	Frequency	Reading Level			Avg. (dBm)	Avg. (dBm)	Pass/Fail
			(MHz)	Ant1	Ant2				
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)		Total Power	Limit		
Test Conditions		Channel	Frequency	Reading Level			Avg. (dBm)	Avg. (dBm)	Pass/Fail
			(MHz)	Ant1	Ant2				
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)		Total Power	Limit		
Test Conditions		Channel	Frequency	Reading Level			Avg. (dBm)	Avg. (dBm)	Pass/Fail
			(MHz)	Ant1	Ant2				
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)		Total Power	Limit		
Test Conditions		Channel	Frequency	Reading Level			Avg. (dBm)	Avg. (dBm)	Pass/Fail
			(MHz)	Ant1	Ant2				
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)		Total Power	Limit		
Test Conditions		Channel	Frequency	Reading Level			Avg. (dBm)	Avg. (dBm)	Pass/Fail
			(MHz)	Ant1	Ant2				
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		
Test Conditions		Channel	Frequency	Reading Level			Avg. (dBm)	Avg. (dBm)	Pass/Fail
			(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		
Test Conditions		Channel	Frequency	Reading Level			Avg. (dBm)	Avg. (dBm)	Pass/Fail
			(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	10.00	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			
Test Conditions		Channel	Frequency	Ant 1+2 Reading Level Avg. (dBm)		Total Power	Limit		
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			
Test Conditions		Channel	Frequency	Ant 1+2 Reading Level Avg. (dBm)		Total Power	Limit		
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			
Test Conditions		Channel	Frequency	Ant 1+2 Reading Level Avg. (dBm)		Total Power	Limit		
Tnom (25 °C)	Vnom (120V)	42	5210	9.88	10.16	19.18	21.00	Pass	47
		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(20MHz)	Data Rate:	HE0NSS1	Conducted power		EIRP			
Test Conditions		Channel	Frequency	Ant 1+2 Reading Level Avg. (dBm)		Total Power	Limit		
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
		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			
Test Conditions		Channel	Frequency	Ant 1+2 Reading Level Avg. (dBm)		Total Power	Limit		
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			
Test Conditions		Channel	Frequency	Ant 1+2 Reading Level Avg. (dBm)		Total Power	Limit		
Tnom (25 °C)	Vnom (120V)	42	5210	9.69	10.08	19.05	21.00	Pass	47

ISED 5GHz Power Table-Radio 3(> 30° 5150-5250MHz Power)



Standard:	FCC Part 15.407	Test Date:	2019.10.21	Temperature:	25°C	Humidity:	55%RH	
Project No.:		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°C	Nor	25°C	High	60°C	Test Engineer	Pawn

Antenna Technology:		CDD 2*2													
Mode:	802.11a	Data Rate:	6Mbps	Conducted power				EIRP				Power Index			
				MIMO Mode(2TX+2RX)				MIMO Mode(2TX+2RX)							
Test Conditions	Channel	Frequency (MHz)	Ant 3+5		Ant 5		Total Power		Limit		Ant 3	Ant 5			
			Reading Level	Avg. (dBm)	Reading Level	Avg. (dBm)	Avg. (dBm) (Ant 3+5)	Avg. (dBm)	Pass/Fail						
Tnom (25°C)	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			
				MIMO Mode(2TX+2RX)				MIMO Mode(2TX+2RX)							
Test Conditions	Channel	Frequency (MHz)	Ant 3+5		Ant 5		Total Power		Limit		Ant 3	Ant 5			
			Reading Level	Avg. (dBm)	Reading Level	Avg. (dBm)	Avg. (dBm) (Ant 3+5)	Avg. (dBm)	Pass/Fail						
Tnom (25°C)	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	20.66	21.00	Pass	55	55					
Mode:	802.11n(40MHz)	Data Rate:	MCS0	Conducted power				EIRP				Power Index			
				MIMO Mode(2TX+2RX)				MIMO Mode(2TX+2RX)							
Test Conditions	Channel	Frequency (MHz)	Ant 3+5		Ant 5		Total Power		Limit		Ant 3	Ant 5			
			Reading Level	Avg. (dBm)	Reading Level	Avg. (dBm)	Avg. (dBm) (Ant 3+5)	Avg. (dBm)	Pass/Fail						
Tnom (25°C)	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	
						MIMO Mode(2TX+2RX)				MIMO Mode(2TX+2RX)					
Test Conditions	Channel	Frequency (MHz)	Ant 3+5		Ant 5		Total Power		Limit		Ant 3	Ant 5			
			Reading Level	Avg. (dBm)	Reading Level	Avg. (dBm)	Avg. (dBm) (Ant 3+5)	Avg. (dBm)	Pass/Fail						
Tnom (25°C)	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			
				MIMO Mode(2TX+2RX)				MIMO Mode(2TX+2RX)							
Test Conditions	Channel	Frequency (MHz)	Ant 3+5		Ant 5		Total Power		Limit		Ant 3	Ant 5			
			Reading Level	Avg. (dBm)	Reading Level	Avg. (dBm)	Avg. (dBm) (Ant 3+5)	Avg. (dBm)	Pass/Fail						
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)				MIMO Mode(2TX+2RX)					
Test Conditions	Channel	Frequency (MHz)	Ant 3+5		Ant 5		Total Power		Limit		Ant 3	Ant 5			
			Reading Level	Avg. (dBm)	Reading Level	Avg. (dBm)	Avg. (dBm) (Ant 3+5)	Avg. (dBm)	Pass/Fail						
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)				MIMO Mode(2TX+2RX)					
		Test Conditions	Channel	Frequency (MHz)	Ant 3+5		Ant 5		Total Power		Limit		Ant 3	Ant 5	
Reading Level	Avg. (dBm)				Reading Level	Avg. (dBm)	Avg. (dBm) (Ant 3+5)	Avg. (dBm)	Pass/Fail						
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)				MIMO Mode(2TX+2RX)							
Test Conditions	Channel	Frequency (MHz)	Ant 3+5		Ant 5		Total Power		Limit		Ant 3	Ant 5			
			Reading Level	Avg. (dBm)	Reading Level	Avg. (dBm)	Avg. (dBm) (Ant 3+5)	Avg. (dBm)	Pass/Fail						
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)				MIMO Mode(2TX+2RX)					
Test Conditions	Channel	Frequency (MHz)	Ant 3+5		Ant 5		Total Power		Limit		Ant 3	Ant 5			
			Reading Level	Avg. (dBm)	Reading Level	Avg. (dBm)	Avg. (dBm) (Ant 3+5)	Avg. (dBm)	Pass/Fail						
Tnom (25°C)	Vnom (120V)	42	5210	13.81	13.50	20.58	21.00	Pass	50	50					

Antenna Technology:		CDD 4*4																			
Mode:	802.11a	Data Rate:	6Mbps	Conducted power								EIRP				Power Index					
				MIMO Mode(4TX+4RX)								MIMO Mode(4TX+4RX)									
Test Conditions	Channel	Frequency (MHz)	Ant 3		Ant 5		Ant 6		Ant 7		Total Power		Limit		Ant 3	Ant 5	Ant 6	Ant 7			
			Reading Level	Avg. (dBm)	Reading Level	Avg. (dBm)	Reading Level	Avg. (dBm)	Reading Level	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	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)								MIMO Mode(4TX+4RX)									
Test Conditions	Channel	Frequency (MHz)	Ant 3		Ant 5		Ant 6		Ant 7		Total Power		Limit		Ant 3	Ant 5	Ant 6	Ant 7			
			Reading Level	Avg. (dBm)	Reading Level	Avg. (dBm)	Reading Level	Avg. (dBm)	Reading Level	Avg. (dBm)	Avg. (dBm) (Ant 3+5+6+7)	Avg. (dBm)	Pass/Fail								
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)								MIMO Mode(4TX+4RX)									
Test Conditions	Channel	Frequency (MHz)	Ant 3		Ant 5		Ant 6		Ant 7		Total Power		Limit		Ant 3	Ant 5	Ant 6	Ant 7			
			Reading Level	Avg. (dBm)	Reading Level	Avg. (dBm)	Reading Level	Avg. (dBm)	Reading Level	Avg. (dBm)	Avg. (dBm) (Ant 3+5+6+7)	Avg. (dBm)	Pass/Fail								
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)								MIMO Mode(4TX+4RX)							
Test Conditions	Channel	Frequency (MHz)	Ant 3		Ant 5		Ant 6		Ant 7		Total Power		Limit		Ant 3	Ant 5	Ant 6	Ant 7			
			Reading Level	Avg. (dBm)	Reading Level	Avg. (dBm)	Reading Level	Avg. (dBm)	Reading Level	Avg. (dBm)	Avg. (dBm) (Ant 3+5+6+7)	Avg. (dBm)	Pass/Fail								
Tnom (25°C)	Vnom (120V)	36	5180	10.69	10.48	10.88	10.69	20.61	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)								MIMO Mode(4TX+4RX)									
Test Conditions	Channel	Frequency (MHz)	Ant 3		Ant 5		Ant 6		Ant 7		Total Power		Limit		Ant 3	Ant 5	Ant 6	Ant 7			
			Reading Level	Avg. (dBm)	Reading Level	Avg. (dBm)	Reading Level	Avg. (dBm)	Reading Level	Avg. (dBm)	Avg. (dBm) (Ant 3+5+6+7)	Avg. (dBm)	Pass/Fail								

Test Conditions	Channel	Reading Level				Avg. (dBm) (Ant 3+5+6+7)	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5	Ant 6	Ant 7		
		(MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)								Avg. (dBm)	
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: 802.11ax(80MHz)	Data Rate: MCS0NSS1	Conducted power				MIMO Mode(4TX+4RX)				EIRP				
		Frequency	Ant3	Ant5	Ant6	Ant7	Total Power	Limit	Power Index					
Test Conditions	Channel	(MHz)	Reading Level	Reading Level	Reading Level	Reading Level	Avg. (dBm) (Ant 3+5+6+7)	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5	Ant 6	Ant 7	
		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)	42	5210	11.06	10.98	10.69	10.55	20.76	21.00	Pass	47	47	47	47
		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				MIMO Mode(4TX+4RX)				EIRP				
		Frequency	Ant3	Ant5	Ant6	Ant7	Total Power	Limit	Power Index					
Test Conditions	Channel	(MHz)	Reading Level	Reading Level	Reading Level	Reading Level	Avg. (dBm) (Ant 3+5+6+7)	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5	Ant 6	Ant 7	
		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	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
Mode: 802.11ax(80MHz)	Data Rate: MCS0NSS1	Conducted power				MIMO Mode(4TX+4RX)				EIRP				
		Frequency	Ant3	Ant5	Ant6	Ant7	Total Power	Limit	Power Index					
Test Conditions	Channel	(MHz)	Reading Level	Reading Level	Reading Level	Reading Level	Avg. (dBm) (Ant 3+5+6+7)	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5	Ant 6	Ant 7	
		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	10.60	11.07	10.88	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				MIMO Mode(4TX+4RX)				EIRP				
		Frequency	Ant3	Ant5	Ant6	Ant7	Total Power	Limit	Power Index					
Test Conditions	Channel	(MHz)	Reading Level	Reading Level	Reading Level	Reading Level	Avg. (dBm) (Ant 3+5+6+7)	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5	Ant 6	Ant 7	
		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)	42	5210	10.76	10.85	10.66	10.42	20.61	21.00	Pass	47	47	47	47

Antenna Technology		Beamforming 2'2											
Mode: 802.11n(20MHz)	Data Rate: MCS0	Conducted power				MIMO Mode(2TX+2RX)				EIRP			
		Frequency	Ant 3+5	Reading Level		Reading Level		Reading Level		Total Power	Limit	Power Index	
Test Conditions	Channel	(MHz)	Ant3	Ant5	Ant3	Ant5	Avg. (dBm) (Ant 3+5)	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5		
		Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5			
Tnom (25°C)	Vnom (120V)	36	5180	11.04	10.73	10.82	20.82	21.00	Pass	42	42		
		40	5200	10.82	10.62	20.65	21.00	Pass	42	42			
Mode: 802.11n(40MHz)	Data Rate: MCS0	Conducted power				MIMO Mode(2TX+2RX)				EIRP			
		Frequency	Ant 3+5	Reading Level		Reading Level		Reading Level		Total Power	Limit	Power Index	
Test Conditions	Channel	(MHz)	Ant3	Ant5	Ant3	Ant5	Avg. (dBm) (Ant 3+5)	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5		
		Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5			
Tnom (25°C)	Vnom (120V)	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(80MHz)	Data Rate: MCS0NSS1	Conducted power				MIMO Mode(2TX+2RX)				EIRP			
		Frequency	Ant 3+5	Reading Level		Reading Level		Reading Level		Total Power	Limit	Power Index	
Test Conditions	Channel	(MHz)	Ant3	Ant5	Ant3	Ant5	Avg. (dBm) (Ant 3+5)	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5		
		Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5			
Tnom (25°C)	Vnom (120V)	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			
Mode: 802.11ac(40MHz)	Data Rate: MCS0NSS1	Conducted power				MIMO Mode(2TX+2RX)				EIRP			
		Frequency	Ant 3+5	Reading Level		Reading Level		Reading Level		Total Power	Limit	Power Index	
Test Conditions	Channel	(MHz)	Ant3	Ant5	Ant3	Ant5	Avg. (dBm) (Ant 3+5)	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5		
		Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5			
Tnom (25°C)	Vnom (120V)	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				MIMO Mode(2TX+2RX)				EIRP			
		Frequency	Ant 3+5	Reading Level		Reading Level		Reading Level		Total Power	Limit	Power Index	
Test Conditions	Channel	(MHz)	Ant3	Ant5	Ant3	Ant5	Avg. (dBm) (Ant 3+5)	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5		
		Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	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			
		48	5240	10.51	10.89	20.63	21.00	Pass	42	42			
Mode: 802.11ax(20MHz)	Data Rate: HE0NSS1	Conducted power				MIMO Mode(2TX+2RX)				EIRP			
		Frequency	Ant 3+5	Reading Level		Reading Level		Reading Level		Total Power	Limit	Power Index	
Test Conditions	Channel	(MHz)	Ant3	Ant5	Ant3	Ant5	Avg. (dBm) (Ant 3+5)	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5		
		Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	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			
Mode: 802.11ax(40MHz)	Data Rate: HE0NSS1	Conducted power				MIMO Mode(2TX+2RX)				EIRP			
		Frequency	Ant 3+5	Reading Level		Reading Level		Reading Level		Total Power	Limit	Power Index	
Test Conditions	Channel	(MHz)	Ant3	Ant5	Ant3	Ant5	Avg. (dBm) (Ant 3+5)	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5		
		Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	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				MIMO Mode(2TX+2RX)				EIRP			
		Frequency	Ant 3+5	Reading Level		Reading Level		Reading Level		Total Power	Limit	Power Index	
Test Conditions	Channel	(MHz)	Ant3	Ant5	Ant3	Ant5	Avg. (dBm) (Ant 3+5)	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5		
		Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	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			

Antenna Technology		Beamforming 4'4												
Mode: 802.11n(20MHz)	Data Rate: MCS0	Conducted power				MIMO Mode(4TX+4RX)				EIRP				
		Frequency	Ant3	Ant5	Ant6	Ant7	Total Power	Limit	Power Index					
Test Conditions	Channel	(MHz)	Reading Level	Reading Level	Reading Level	Reading Level	Avg. (dBm) (Ant 3+5+6+7)	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5	Ant 6	Ant 7	
		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	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
Mode: 802.11n(40MHz)	Data Rate: MCS0	Conducted power				MIMO Mode(4TX+4RX)				EIRP				
		Frequency	Ant3	Ant5	Ant6	Ant7	Total Power	Limit	Power Index					
Test Conditions	Channel	(MHz)	Reading Level	Reading Level	Reading Level	Reading Level	Avg. (dBm) (Ant 3+5+6+7)	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5	Ant 6	Ant 7	
		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	20.47	21.00	Pass	20	20	20	20
		46	5230	4.27	4.35	4.59	4.57	20.54	21.00	Pass	20	20	20	20
Mode: 802.11ac(20MHz)	Data Rate: MCS0NSS1	Conducted power				MIMO Mode(4TX+4RX)				EIRP				
		Frequency	Ant3	Ant5	Ant6	Ant7	Total Power	Limit	Power Index					
Test Conditions	Channel	(MHz)	Reading Level	Reading Level	Reading Level	Reading Level	Avg. (dBm) (Ant 3+5+6+7)	Avg. (dBm)	Pass/Fail	Ant 3	Ant 5	Ant 6	Ant 7	
		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	20.49	21.00	Pass	24	24	24	24
		40	5200	4.70	4.54	4.81	4.58	20.61	21.00	Pass	24	24	24	24

TH01 (LED U)	TH01 (LED V)	44	5220	4.51	4.63	4.30	4.58	20.46	21.00	Pass	24	24	24	24	
Mode:	802.11ac(40MHz)	Data Rate:		MCS0NSS1	Conducted power				EIRP			Power Index			
		Frequency		Ant 3+5+6+7				MIMO Mode(4TX+4RX)		Total Power		Limit			
Test Conditions	Channel	Reading Level		Ant3	Ant5	Ant6	Ant7	Avg. (dBm)		Pass/Fail	Ant 3	Ant 5	Ant 6	Ant 7	
		(MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)							
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			
		Frequency		Ant 3+5+6+7				MIMO Mode(4TX+4RX)		Total Power		Limit			
Test Conditions	Channel	Reading Level		Ant3	Ant5	Ant6	Ant7	Avg. (dBm)		Pass/Fail	Ant 3	Ant 5	Ant 6	Ant 7	
		(MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)							
Tnom (25°C)	Vnom (120V)	42	5210	4.53	4.74	4.49	4.82	20.60	21.00	Pass	21	21	21	21	
		Data Rate:		HE0NSS1	Conducted power				EIRP			Power Index			
Test Conditions	Channel	Reading Level		Ant3	Ant5	Ant6	Ant7	Avg. (dBm)		Pass/Fail	Ant 3	Ant 5	Ant 6	Ant 7	
		(MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)							
Tnom (25°C)	Vnom (120V)	36	5190	4.30	4.87	4.93	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			
		Frequency		Ant 3+5+6+7				MIMO Mode(4TX+4RX)		Total Power		Limit			
Test Conditions	Channel	Reading Level		Ant3	Ant5	Ant6	Ant7	Avg. (dBm)		Pass/Fail	Ant 3	Ant 5	Ant 6	Ant 7	
		(MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)							
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			
		Frequency		Ant 3+5+6+7				MIMO Mode(4TX+4RX)		Total Power		Limit			
Test Conditions	Channel	Reading Level		Ant3	Ant5	Ant6	Ant7	Avg. (dBm)		Pass/Fail	Ant 3	Ant 5	Ant 6	Ant 7	
		(MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)							
Tnom (25°C)	Vnom (120V)	42	5210	4.75	4.69	4.62	4.55	21.60	21.00	Pass	21	21	21	21	