


Appendix 2: 5GHz FCC RF output power

FCC 5GHz Power Table-Radio 1												
Standard:	FCC Part 15.407	Test Date:	2020.04.07	Temperature:	25°C	Humidity:	55%RH					
Project No. :	2032034R			Product Name:	Wireless Access Point	Model Name:	AP460SC	Test Site:	TR8			
Antenna Gain(dBi)	Ant 4	6.46										
Test Eng:	Pawn											
Antenna Technology:	SISO											
Mode:	802.11a	Data Rate:	6Mbps	Conducted power								
				SISO mode								
Test Conditions		Channel	Frequency (MHz)	Ant 4 Reading Level			Total Power Ant 4		Limit			
				Avg. (dBm)			Avg. (dBm)		Avg. (dBm) Pass/Fail			
Tnom (25 °C)	Vnom (120V)	36	5180	16,04			16,04		29,54 Pass			
		40	5200	16,13			16,13		29,54 Pass			
		44	5220	16,14			16,14		29,54 Pass			
		48	5240	16,17			16,17		29,54 Pass			
		149	5745	19,63			19,63		29,54 Pass			
		157	5785	19,59			19,59		29,54 Pass			
		165	5825	19,39			19,39		29,54 Pass			
Mode:	802.11n(20MHz)	Data Rate:	MCS0	Conducted power								
				SISO mode								
Test Conditions		Channel	Frequency (MHz)	Ant 4 Reading Level			Total Power Ant 4		Limit			
				Avg. (dBm)			Avg. (dBm)		Avg. (dBm) Pass/Fail			
Tnom (25 °C)	Vnom (120V)	36	5180	16,02			16,02		29,54 Pass			
		40	5200	16,11			16,11		29,54 Pass			
		44	5220	16,23			16,23		29,54 Pass			
		48	5240	16,12			16,12		29,54 Pass			
		149	5745	19,71			19,71		29,54 Pass			
		157	5785	19,54			19,54		29,54 Pass			
		165	5825	19,43			19,43		29,54 Pass			
Mode:	802.11n(40MHz)	Data Rate:	MCS0	Conducted power								
				SISO mode								
Test Conditions		Channel	Frequency (MHz)	Ant 4 Reading Level			Total Power Ant 4		Limit			
				Avg. (dBm)			Avg. (dBm)		Avg. (dBm) Pass/Fail			
Tnom (25 °C)	Vnom (120V)	38	5190	15,98			15,98		29,54 Pass			
		46	5230	15,84			15,84		29,54 Pass			
		151	5755	19,66			19,66		29,54 Pass			
		159	5795	19,64			19,64		29,54 Pass			
Mode:	802.11ac(20MHz)	Data Rate:	MCS0NSS1	Conducted power								
				SISO mode								
Test Conditions		Channel	Frequency (MHz)	Ant 4 Reading Level			Total Power Ant 4		Limit			
				Avg. (dBm)			Avg. (dBm)		Avg. (dBm) Pass/Fail			

Test Conditions		Channel	(MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Pass/Fail
Tnom (25 °C)	Vnom (120V)	36	5180	16.17	16.17	29.54	Pass
		40	5200	16.21	16.21	29.54	Pass
		44	5220	16.25	16.25	29.54	Pass
		48	5240	16.08	16.08	23.54	Pass
		149	5745	19.59	19.59	29.54	Pass
		157	5785	19.42	19.42	29.54	Pass
		165	5825	19.35	19.35	29.54	Pass
Mode:	802.11ac(40MHz)	Data Rate:	MCS0NSS1	Conducted power SISO mode			
Test Conditions		Channel	Frequency (MHz)	Ant 4 Reading Level	Total Power Ant 4	Limit	
Tnom (25 °C)	Vnom (120V)	38	5190	15.96	15.96	29.54	Pass
		46	5230	15.85	15.85	29.54	Pass
		151	5755	19.55	19.55	29.54	Pass
		159	5795	19.62	19.62	29.54	Pass
Mode:	802.11ac(80MHz)	Data Rate:	MCS0NSS1	Conducted power SISO mode			
Test Conditions		Channel	Frequency (MHz)	Ant 4 Reading Level	Total Power Ant 4	Limit	
Tnom (25 °C)	Vnom (120V)	42	5210	16.15	16.15	29.54	Pass
		155	5775	19.83	19.83	29.54	Pass
Mode:	802.11ax(20MHz)	Data Rate:	HE0NSS1	Conducted power SISO mode			
Test Conditions		Channel	Frequency (MHz)	Ant 4 Reading Level	Total Power Ant 4	Limit	
Tnom (25 °C)	Vnom (120V)	36	5180	16.13	16.13	29.54	Pass
		40	5200	16.18	16.18	29.54	Pass
		44	5220	16.30	16.30	29.54	Pass
		48	5240	16.07	16.07	29.54	Pass
		149	5745	19.61	19.61	29.54	Pass
		157	5785	19.43	19.43	29.54	Pass
		165	5825	19.42	19.42	29.54	Pass
Mode:	802.11ax(40MHz)	Data Rate:	HE0NSS1	Conducted power SISO mode			
Test Conditions		Channel	Frequency (MHz)	Ant 4 Reading Level	Total Power Ant 4	Limit	
Tnom (25 °C)	Vnom (120V)	38	5190	15.89	15.89	29.54	Pass
		46	5230	15.91	15.91	29.54	Pass
		151	5755	19.63	19.63	29.54	Pass
		159	5795	19.60	19.60	29.54	Pass
Mode:	802.11ax(80MHz)	Data Rate:	HE0NSS1	Conducted power SISO mode			
Test Conditions		Channel	Frequency (MHz)	Ant 4 Reading Level	Total Power Ant 4	Limit	
Test Conditions		Channel	Frequency (MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Pass/Fail

Tnom (25 °C)	Vnom (120V)	42	5210	16.22	16.22	29.54	Pass
		155	5775	19.76	19.76	29.54	Pass

FCC 5GHz Power Table-Radio 2



Standard:	FCC Part 15.407	Test Date:	2020.04.07	Temperature:	25°C	Humidity:	55%RH
Project No.:	2032034R	Product Name:	Wireless Access Point	Model Name:	AP460SC	Test Site:	TR8
Antenna Gain(dBi)	Ant 1	7.77	Ant 2	7.79			
2*2 CDD-Directional Gain-Power(dBi)	7.79	2*2 BF-Directional Gain-Power(dBi)	10.80				

Antenna Technology:		SISO											
Mode:		Data Rate:		Conducted power SISO mode									
Test Conditions		Channel	Frequency (MHz)	Ant 1 Reading Level Avg. (dBm)	Ant 2 Reading Level Avg. (dBm)	Total Power		Limit					
						Ant 1 Avg. (dBm)	Ant 2 Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Pass/Fail		
Mode:	802.11a	Data Rate:	6Mbps										
Tnom (25°C)	Vnom (120V)	36	5180	14,60	14,86	14,60	14,86	28,21		Pass			
		40	5200	14,82	14,98	14,82	14,98	28,21		Pass			
		44	5220	14,74	15,07	14,74	15,07	28,21		Pass			
		48	5240	14,58	14,93	14,58	14,93	28,21		Pass			
Mode:	802.11n(20MHz)	Data Rate:	MCS0										
Tnom (25°C)	Vnom (120V)	36	5180	14,53	14,89	14,53	14,89	28,21		Pass			
		40	5200	14,80	14,94	14,80	14,94	28,21		Pass			
		44	5220	14,85	15,01	14,85	15,01	28,21		Pass			
		48	5240	14,59	14,87	14,59	14,87	28,21		Pass			
Mode:	802.11n(40MHz)	Data Rate:	MCS0										
Tnom (25°C)	Vnom (120V)	38	5190	14,39	14,73	14,39	14,73	28,21		Pass			
		46	5230	14,78	15,04	14,78	15,04	28,21		Pass			
Mode:	802.11ac(20MHz)	Data Rate:	MCS0NSS1										
Tnom (25°C)	Vnom (120V)	36	5180	14,56	14,85	14,56	14,85	28,21		Pass			
		40	5200	14,76	14,93	14,76	14,93	28,21		Pass			
		44	5220	14,82	15,02	14,82	15,02	28,21		Pass			
		48	5240	14,52	14,80	14,52	14,80	28,21		Pass			
Mode:	802.11ac(40MHz)	Data Rate:	MCS0NSS1										
Tnom (25°C)	Vnom (120V)	38	5190	14,44	14,69	14,44	14,69	28,21		Pass			
		46	5230	14,77	14,98	14,77	14,98	28,21		Pass			
Mode:	802.11ac(80MHz)	Data Rate:	MCS0NSS1										
				Ant 1	Ant 2	Total Power		Limit					

Test Conditions		Channel	Frequency (MHz)	Reading Level Avg. (dBm)	Reading Level Avg. (dBm)	Ant 1 Avg. (dBm)	Ant 2 Avg. (dBm)	Avg. (dBm)	Pass/Fail	
Tnom (25°C)	Vnom (120V)	42	5210	14,77	14,96	14,77	14,96	28,21	Pass	
Mode:	802.11ax(20MHz)	Data Rate:	HE0NSS1	Conducted power SISO mode						
Test Conditions		Channel	Frequency (MHz)	Reading Level Avg. (dBm)	Reading Level Avg. (dBm)	Ant 1 Avg. (dBm)	Ant 2 Avg. (dBm)	Total Power Avg. (dBm)	Limit	
Tnom (25°C)	Vnom (120V)		36	5180	14,50	14,76	14,50	14,76	28,21	Pass
			40	5200	14,80	15,04	14,80	15,04	28,21	Pass
			44	5220	14,70	15,10	14,70	15,10	28,21	Pass
			48	5240	14,59	14,93	14,59	14,93	28,21	Pass
Mode:	802.11ax(40MHz)	Data Rate:	HE0NSS1	Conducted power SISO mode						
Test Conditions		Channel	Frequency (MHz)	Reading Level Avg. (dBm)	Reading Level Avg. (dBm)	Ant 1 Avg. (dBm)	Ant 2 Avg. (dBm)	Total Power Avg. (dBm)	Limit	
Tnom (25°C)	Vnom (120V)		38	5190	14,37	14,73	14,37	14,73	28,21	Pass
			46	5230	14,76	14,97	14,76	14,97	28,21	Pass
Mode:	802.11ax(80MHz)	Data Rate:	HE0NSS1	Conducted power SISO mode						
Test Conditions		Channel	Frequency (MHz)	Reading Level Avg. (dBm)	Reading Level Avg. (dBm)	Ant 1 Avg. (dBm)	Ant 2 Avg. (dBm)	Total Power Avg. (dBm)	Limit	
Tnom (25°C)	Vnom (120V)	42	5210	14,73	14,92	14,73	14,92	28,21	Pass	

Antenna Technology:		CDD 2*2								
Mode:	802.11a	Data Rate:	6Mbps	Conducted power MIMO Mode(2TX+2RX)						
Test Conditions		Channel	Frequency (MHz)	Ant 1+2 Reading Level Avg. (dBm)		Total Power Avg. (dBm)		Limit		
Tnom (25°C)	Vnom (120V)		36	5180	11,45	11,21	14,34	28,21	Pass	
			40	5200	11,72	11,53	14,64	28,21	Pass	
			44	5220	11,96	11,51	14,75	28,21	Pass	
			48	5240	11,58	11,20	14,40	28,21	Pass	
Mode:	802.11n(20MHz)	Data Rate:	MCS0	Conducted power MIMO Mode(2TX+2RX)						
Test Conditions		Channel	Frequency (MHz)	Ant 1+2 Reading Level Avg. (dBm)		Total Power Avg. (dBm)		Limit		
Tnom (25°C)	Vnom (120V)		36	5180	11,41	11,17	14,30	28,21	Pass	
			40	5200	11,68	11,56	14,63	28,21	Pass	
			44	5220	11,91	11,59	14,76	28,21	Pass	
			48	5240	11,49	11,26	14,39	28,21	Pass	
Mode:	802.11n(40MHz)	Data Rate:	MCS0	Conducted power MIMO Mode(2TX+2RX)						
Test Conditions		Channel	Frequency (MHz)	Ant 1+2 Reading Level Avg. (dBm)		Total Power Avg. (dBm)		Limit		
Tnom (25°C)	Vnom (120V)	42	5210	14,73	14,92	14,73	14,92	28,21	Pass	

Tnom (25 °C)	Vnom (120V)	38	5190	11,70	11,51	14,62	28,21	Pass			
		46	5230	11,92	11,59	14,77	28,21	Pass			
Mode:	802.11ac(20MHz)	Data Rate:	Conducted power								
			MIMO Mode(2TX+2RX)								
Test Conditions	Channel	Frequency (MHz)	Ant 1+2		Total Power	Limit	Pass/Fail				
			Reading Level								
			Avg. (dBm)								
Tnom (25 °C)	Vnom (120V)	36	5180	11,51	11,30	14,42	28,21	Pass			
		40	5200	11,81	11,51	14,67	28,21	Pass			
		44	5220	11,85	11,54	14,71	28,21	Pass			
		48	5240	11,45	11,37	14,42	28,21	Pass			
Mode:	802.11ac(40MHz)	Data Rate:	Conducted power								
			MIMO Mode(2TX+2RX)								
Test Conditions	Channel	Frequency (MHz)	Ant 1+2		Total Power	Limit	Pass/Fail				
			Reading Level								
			Avg. (dBm)								
Tnom (25 °C)	Vnom (120V)	38	5190	11,57	11,38	14,49	28,21	Pass			
		46	5230	11,89	11,65	14,78	28,21	Pass			
		Mode:	802.11ac(80MHz)	Data Rate:	Conducted power						
					MIMO Mode(2TX+2RX)						
Test Conditions	Channel	Frequency (MHz)	Ant 1+2		Total Power	Limit	Pass/Fail				
			Reading Level								
			Avg. (dBm)								
Tnom (25 °C)	Vnom (120V)	42	5210	11,63	11,43	14,54	28,21	Pass			
		Mode:	802.11ax(20MHz)	Data Rate:	Conducted power						
					MIMO Mode(2TX+2RX)						
		Test Conditions	Channel	Frequency (MHz)	Ant 1+2		Total Power	Limit	Pass/Fail		
Reading Level											
Avg. (dBm)											
Tnom (25 °C)	Vnom (120V)	36	5180	11,53	11,24	14,40	28,21	Pass			
		40	5200	11,70	11,45	14,59	28,21	Pass			
		44	5220	11,91	11,55	14,74	28,21	Pass			
		48	5240	11,57	11,36	14,48	28,21	Pass			
Mode:	802.11ax(40MHz)	Data Rate:	Conducted power								
			MIMO Mode(2TX+2RX)								
Test Conditions	Channel	Frequency (MHz)	Ant 1+2		Total Power	Limit	Pass/Fail				
			Reading Level								
			Avg. (dBm)								
Tnom (25 °C)	Vnom (120V)	38	5190	11,57	11,40	14,50	28,21	Pass			
		46	5230	11,94	11,62	14,79	28,21	Pass			
		Mode:	802.11ax(80MHz)	Data Rate:	Conducted power						
					MIMO Mode(2TX+2RX)						
Test Conditions	Channel	Frequency (MHz)	Ant 1+2		Total Power	Limit	Pass/Fail				
			Reading Level								
			Avg. (dBm)								
Tnom (25 °C)	Vnom (120V)	42	5210	11,61	11,49	14,56	28,21	Pass			

Antenna Technology:		Beamforming 2*2						
Mode:	802.11n(20MHz)	Data Rate:	MCS0	Conducted power MIMO Mode(2TX+2RX)				
Test Conditions	Channel	Frequency (MHz)	Ant 1+2 Reading Level Avg. (dBm)		Total Power	Limit		
			Ant 1	Ant 2	Avg. (dBm (Ant 1+2))	Avg. (dBm)	Pass/Fail	
Tnom (25 °C)	Vnom (120V)	36	5180	8,60	8,36	11,49	25,20	Pass
		40	5200	9,00	8,66	11,84	25,20	Pass
		44	5220	9,24	8,73	12,00	25,20	Pass
		48	5240	8,78	8,38	11,59	25,20	Pass
				Conducted power MIMO Mode(2TX+2RX)				
Mode:	802.11n(40MHz)	Data Rate:	MCS0	Conducted power MIMO Mode(2TX+2RX)				
Test Conditions	Channel	Frequency (MHz)	Ant 1+2 Reading Level Avg. (dBm)		Total Power	Limit		
			Ant 1	Ant 2	Avg. (dBm (Ant 1+2))	Avg. (dBm)	Pass/Fail	
Tnom (25 °C)	Vnom (120V)	38	5190	8,81	8,49	11,66	25,20	Pass
		46	5230	9,12	8,86	12,00	25,20	Pass
				Conducted power MIMO Mode(2TX+2RX)				
Mode:	802.11ac(20MHz)	Data Rate:	MCS0NSS1	Conducted power MIMO Mode(2TX+2RX)				
Test Conditions	Channel	Frequency (MHz)	Ant 1+2 Reading Level Avg. (dBm)		Total Power	Limit		
			Ant 1	Ant 2	Avg. (dBm (Ant 1+2))	Avg. (dBm)	Pass/Fail	
Tnom (25 °C)	Vnom (120V)	36	5180	8,65	8,44	11,56	25,20	Pass
		40	5200	9,00	8,78	11,90	25,20	Pass
		44	5220	9,11	8,62	11,88	25,20	Pass
		48	5240	8,67	8,38	11,64	25,20	Pass
				Conducted power MIMO Mode(2TX+2RX)				
Mode:	802.11ac(40MHz)	Data Rate:	MCS0NSS1	Conducted power MIMO Mode(2TX+2RX)				
Test Conditions	Channel	Frequency (MHz)	Ant 1+2 Reading Level Avg. (dBm)		Total Power	Limit		
			Ant 1	Ant 2	Avg. (dBm (Ant 1+2))	Avg. (dBm)	Pass/Fail	
Tnom (25 °C)	Vnom (120V)	38	5190	8,65	8,55	11,61	25,20	Pass
		46	5230	9,13	8,79	11,97	25,20	Pass
				Conducted power MIMO Mode(2TX+2RX)				
Mode:	802.11ac(80MHz)	Data Rate:	MCS0NSS1	Conducted power MIMO Mode(2TX+2RX)				
Test Conditions	Channel	Frequency (MHz)	Ant 1+2 Reading Level Avg. (dBm)		Total Power	Limit		
			Ant 1	Ant 2	Avg. (dBm (Ant 1+2))	Avg. (dBm)	Pass/Fail	
Tnom (25 °C)	Vnom (120V)	42	5210	8,89	8,75	11,83	25,20	Pass
				Conducted power MIMO Mode(2TX+2RX)				
Mode:	802.11ax(20MHz)	Data Rate:	HE0NSS1	Conducted power MIMO Mode(2TX+2RX)				
Test Conditions	Channel	Frequency (MHz)	Ant 1+2 Reading Level Avg. (dBm)		Total Power	Limit		
			Ant 1	Ant 2	Avg. (dBm (Ant 1+2))	Avg. (dBm)	Pass/Fail	
Tnom (25 °C)	Vnom (120V)	36	5180	8,71	8,34	11,54	25,20	Pass
		40	5200	8,89	8,62	11,87	25,20	Pass
		44	5220	9,18	8,67	11,94	25,20	Pass
		48	5240	8,79	8,29	11,56	25,20	Pass
				Conducted power				

Mode:	802.11ax(40MHz)	Data Rate:	HE0NSS1	MIMO Mode(2TX+2RX)					
Test Conditions		Channel	Frequency	Ant 1+2		Total Power	Limit		
			(MHz)	Reading Level	Avg. (dBm)		Avg. (dBm)	Pass/Fail	
Tnom (25°C)	Vnom (120V)	38	5190	8,65	8,66	11,67	25,20	Pass	
		46	5230	9,17	8,82	12,01	25,20	Pass	
Conducted power									
Mode:	802.11ax(80MHz)	Data Rate:	HE0NSS1	MIMO Mode(2TX+2RX)					
Test Conditions		Channel	Frequency	Ant 1+2		Total Power	Limit		
			(MHz)	Reading Level	Avg. (dBm)		Avg. (dBm)	Pass/Fail	
Tnom (25°C)	Vnom (120V)	42	5210	8,83	8,61	11,73	25,20	Pass	

FCC 5GHz Power Table-Radio 3(5G Full band mode)



Standard:	FCC Part 15.407	Test Date:	2020.04.07	Temperature:	25°C		Humidity:	55%RH		
Project No. :	2032034R			Product Name:	Wireless Access Point		Model Name:	AP460SC	Test Site:	TR8
Antenna Gain(dBi)	Ant 3	7.84	Ant 5	8.06	Ant 6	7.91	Ant 7	7.65		
2*2 CDD-Directional Gain-Power(dBi)	8.06		2*2 BF-Directional Gain-Power(dBi)	11.07						
4*4 CDD-Directional Gain-Power(dBi)	8.06		4*4 BF-Directional Gain-Power(dBi)	14.08						
Test Eng:	Pawn									
Antenna Technology:	CDD 2'2									
Mode:	802.11a	Data Rate:	6Mbps	Conducted power						
				MIMO Mode(2TX+2RX)						
Test Conditions	Channel	Frequency		Ant 3+5		Reading Level		Total Power		Limit
		Avg. (dBm)								
		(MHz)	Ant3	Ant5			Avg. (dBm (Ant 3+5))		Avg. (dBm)	Pass/Fail
Tnom (25 °C)	Vnom (120V)	36	5180	12.44	12.76	15.61		27.94	Pass	
		40	5200	12.40	12.91	15.67		27.94	Pass	
		44	5220	12.50	13.11	15.83		27.94	Pass	
		48	5240	12.41	13.06	15.76		27.94	Pass	
		149	5745	22.04	22.43	25.25		27.94	Pass	
		157	5785	21.97	22.00	25.00		27.94	Pass	
		165	5825	21.91	21.78	24.86		27.94	Pass	
Mode:	802.11n(20MHz)	Data Rate:	MCS0	Conducted power						
				MIMO Mode(2TX+2RX)						
Test Conditions	Channel	Frequency		Ant 3+5		Reading Level		Total Power		Limit
		Avg. (dBm)								
		(MHz)	Ant3	Ant5			Avg. (dBm (Ant 3+5))		Avg. (dBm)	Pass/Fail
Tnom (25 °C)	Vnom (120V)	36	5180	12.33	12.86	15.61		27.94	Pass	
		40	5200	12.38	13.04	15.73		27.94	Pass	
		44	5220	12.54	13.10	15.84		27.94	Pass	
		48	5240	12.38	13.04	15.73		27.94	Pass	
		149	5745	22.01	22.45	25.25		27.94	Pass	
		157	5785	21.97	22.08	25.04		27.94	Pass	
		165	5825	21.88	21.78	24.84		27.94	Pass	
Mode:	802.11n(40MHz)	Data Rate:	MCS0	Conducted power						
				MIMO Mode(2TX+2RX)						
Test Conditions	Channel	Frequency		Ant 3+5		Reading Level		Total Power		Limit
		Avg. (dBm)								
		(MHz)	Ant3	Ant5			Avg. (dBm (Ant 3+5))		Avg. (dBm)	Pass/Fail
Tnom (25 °C)	Vnom (120V)	38	5190	12.44	13.07	15.78		27.94	Pass	
		46	5230	12.43	13.10	15.79		27.94	Pass	
		151	5755	22.15	22.40	25.29		27.94	Pass	
		159	5795	21.89	22.06	24.99		27.94	Pass	
Mode:	802.11ac(20MHz)	Data Rate:	MCS0NSS1	Conducted power						
				MIMO Mode(2TX+2RX)						
				Ant 3+5						

Test Conditions		Channel	Frequency	Reading Level Avg. (dBm)		Total Power	Limit	
			(MHz)	Ant3	Ant5	Avg. (dBm) (Ant 3+5)	Avg. (dBm)	Pass/Fail
Tnom (25 °C)	Vnom (120V)	36	5180	12.42	12.72	15.58	27.94	Pass
		40	5200	12.25	13.01	15.66	27.94	Pass
		44	5220	12.44	12.97	15.72	27.94	Pass
		48	5240	12.32	13.00	15.68	27.94	Pass
		149	5745	22.01	22.41	25.22	27.94	Pass
		157	5785	21.96	22.06	25.02	27.94	Pass
165	5825	21.91	21.80	24.87	27.94	Pass		
Mode:	802.11ac(40MHz)	Data Rate:	Conducted power MIMO Mode(2TX+2RX)					
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
Tnom (25 °C)	Vnom (120V)	38	5190	12.42	13.08	15.77	27.94	Pass
		46	5230	12.58	13.17	15.90	27.94	Pass
		151	5755	22.11	22.39	25.26	27.94	Pass
		159	5795	21.86	22.05	24.97	27.94	Pass
Mode:	802.11ac(80MHz)	Data Rate:	Conducted power MIMO Mode(2TX+2RX)					
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
Tnom (25 °C)	Vnom (120V)	42	5210	12.27	12.65	15.47	27.94	Pass
		155	5775	15.93	16.21	19.08	27.94	Pass
Mode:	802.11ax(20MHz)	Data Rate:	Conducted power MIMO Mode(2TX+2RX)					
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
Tnom (25 °C)	Vnom (120V)	36	5180	12.40	12.73	15.58	27.94	Pass
		40	5200	12.39	12.98	15.71	27.94	Pass
		44	5220	12.44	13.13	15.81	27.94	Pass
		48	5240	12.31	13.09	15.73	27.94	Pass
		149	5745	22.04	22.43	25.25	27.94	Pass
		157	5785	21.95	22.00	24.99	27.94	Pass
165	5825	21.92	21.79	24.87	27.94	Pass		
Mode:	802.11ax(40MHz)	Data Rate:	Conducted power MIMO Mode(2TX+2RX)					
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
Tnom (25 °C)	Vnom (120V)	38	5190	12.44	12.92	15.70	27.94	Pass
		46	5230	12.60	13.15	15.89	27.94	Pass
		151	5755	22.11	22.42	25.28	27.94	Pass
		159	5795	21.89	22.05	24.98	27.94	Pass

Mode:	802.11ax(80MHz)	Data Rate:	HE0NSS1	Conducted power							
				MIMO Mode(2TX+2RX)					Total Power	Limit	
				Ant 3+5	Reading Level		Ant5			Avg. (dBm)	Avg. (dBm)
Test Conditions		Channel	Frequency (MHz)	Avg. (dBm)		Avg. (dBm)		Avg. (dBm)		Pass/Fail	
Tnom (25 °C)	Vnom (120V)	42	5210	12.21		12.59		15.41		27.94	Pass
		155	5775	15.96		16.18		19.08		27.94	Pass

Antenna Technology:		CDD 4*4													
Mode:	802.11a	Data Rate:	6Mbps	Conducted power											
				MIMO Mode(4TX+4RX)							Total Power	Limit			
				Ant3	Ant5		Ant6		Ant7			Avg. (dBm)	Avg. (dBm)	Pass/Fail	
Test Conditions		Channel	Frequency (MHz)	Reading Level		Reading Level		Reading Level		Reading Level		Avg. (dBm)		Avg. (dBm)	Pass/Fail
Tnom (25 °C)	Vnom (120V)	36	5180	9.41		9.81		9.27		9.56		15.54		27.94	Pass
		40	5200	9.25		10.05		9.34		9.84		15.65		27.94	Pass
		44	5220	9.58		9.96		9.60		9.98		15.80		27.94	Pass
		48	5240	9.40		10.00		9.42		9.82		15.69		27.94	Pass
		149	5745	21.04		21.48		21.58		21.51		27.43		27.94	Pass
		157	5785	20.97		21.11		21.31		21.17		27.16		27.94	Pass
		165	5825	20.93		20.88		20.91		20.81		26.90		27.94	Pass

Mode:	802.11n(20MHz)	Data Rate:	MCS0	Conducted power											
				MIMO Mode(4TX+4RX)							Total Power	Limit			
				Ant3	Ant5		Ant6		Ant7			Avg. (dBm)	Avg. (dBm)	Pass/Fail	
Test Conditions		Channel	Frequency (MHz)	Reading Level		Reading Level		Reading Level		Reading Level		Avg. (dBm)		Avg. (dBm)	Pass/Fail
Tnom (25 °C)	Vnom (120V)	36	5180	9.47		9.73		9.37		9.62		15.57		27.94	Pass
		40	5200	9.28		9.98		9.35		9.91		15.66		27.94	Pass
		44	5220	9.58		10.15		9.48		10.07		15.85		27.94	Pass
		48	5240	9.32		10.00		9.35		9.77		15.64		27.94	Pass
		149	5745	21.10		21.51		21.60		21.52		27.46		27.94	Pass
		157	5785	20.98		21.09		21.30		21.16		27.15		27.94	Pass
		165	5825	20.91		20.90		20.99		20.79		26.92		27.94	Pass

Mode:	802.11n(40MHz)	Data Rate:	MCS0	Conducted power											
				MIMO Mode(4TX+4RX)							Total Power	Limit			
				Ant3	Ant5		Ant6		Ant7			Avg. (dBm)	Avg. (dBm)	Pass/Fail	
Test Conditions		Channel	Frequency (MHz)	Reading Level		Reading Level		Reading Level		Reading Level		Avg. (dBm)		Avg. (dBm)	Pass/Fail
Tnom (25 °C)	Vnom (120V)	38	5190	9.54		10.07		9.88		10.14		15.93		27.94	Pass
		46	5230	9.60		10.12		10.04		10.13		16.00		27.94	Pass
		151	5755	21.22		21.53		21.68		21.55		27.52		27.94	Pass
		159	5795	20.91		21.12		21.22		21.17		27.13		27.94	Pass

Mode:	802.11ac(20MHz)	Data Rate:	MCS0NSS1	Conducted power											
				MIMO Mode(4TX+4RX)					Total Power	Limit					
				Ant3	Ant5		Ant6			Ant7		Avg. (dBm)	Avg. (dBm)	Pass/Fail	
Test Conditions		Channel	Frequency (MHz)	Reading Level		Reading Level		Reading Level		Reading Level		Avg. (dBm)		Avg. (dBm)	Pass/Fail

Test Conditions		Channel	Reading Level	Reading Level	Reading Level	Reading Level	Avg. (dBm)		Avg. (dBm)	Pass/Fail
			(MHz)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	(Ant 3+5+6+7)	
Tnom (25 °C)	Vnom (120V)	36	5180	9.40	9.73	9.34	9.51	15.52	27.94	Pass
		40	5200	9.39	10.02	9.46	9.94	15.73	27.94	Pass
		44	5220	9.54	10.11	9.67	9.91	15.83	27.94	Pass
		48	5240	9.24	10.07	9.36	9.68	15.62	27.94	Pass
		149	5745	21.11	21.57	21.59	21.49	27.46	27.94	Pass
		157	5785	21.02	21.14	21.32	21.18	27.19	27.94	Pass
165	5825	20.99	20.95	20.89	20.90	26.95	27.94	Pass		
Mode:	802.11ac(40MHz)	Data Rate:	Conducted power MIMO Mode(4TX+4RX)							
Test Conditions		Channel	Frequency	Ant3	Ant5	Ant6	Ant7	Total Power	Limit	
			(MHz)	Reading Level	Reading Level	Reading Level	Reading Level	Avg. (dBm)	Avg. (dBm)	Pass/Fail
				Ant 3+5+6+7						
Tnom (25 °C)	Vnom (120V)	36	5190	9.46	9.97	9.84	10.23	15.90	27.94	Pass
		46	5230	9.49	10.09	10.05	10.10	15.96	27.94	Pass
		151	5755	21.15	21.51	21.68	21.45	27.47	27.94	Pass
		159	5795	20.96	21.16	21.22	21.09	27.13	27.94	Pass
Mode:	802.11ac(80MHz)	Data Rate:	Conducted power MIMO Mode(4TX+4RX)							
Test Conditions		Channel	Frequency	Ant3	Ant5	Ant6	Ant7	Total Power	Limit	
			(MHz)	Reading Level	Reading Level	Reading Level	Reading Level	Avg. (dBm)	Avg. (dBm)	Pass/Fail
				Ant 3+5+6+7						
Tnom (25 °C)	Vnom (120V)	42	5210	9.03	9.52	9.46	9.61	15.43	27.94	Pass
		155	5775	14.52	14.68	14.56	15.01	20.72	27.94	Pass
Mode:	802.11ax(20MHz)	Data Rate:	Conducted power MIMO Mode(4TX+4RX)							
Test Conditions		Channel	Frequency	Ant3	Ant5	Ant6	Ant7	Total Power	Limit	
			(MHz)	Reading Level	Reading Level	Reading Level	Reading Level	Avg. (dBm)	Avg. (dBm)	Pass/Fail
				Ant 3+5+6+7						
Tnom (25 °C)	Vnom (120V)	36	5180	9.32	9.87	9.40	9.57	15.57	27.94	Pass
		40	5200	9.37	10.02	9.46	9.95	15.73	27.94	Pass
		44	5220	9.46	10.11	9.60	10.07	15.84	27.94	Pass
		48	5240	9.31	9.91	9.36	9.75	15.61	27.94	Pass
		149	5745	21.05	21.52	21.59	21.56	27.46	27.94	Pass
		157	5785	21.07	21.09	21.31	21.18	27.18	27.94	Pass
165	5825	20.91	20.97	20.91	20.91	26.95	27.94	Pass		
Mode:	802.11ax(40MHz)	Data Rate:	Conducted power MIMO Mode(4TX+4RX)							
Test Conditions		Channel	Frequency	Ant3	Ant5	Ant6	Ant7	Total Power	Limit	
			(MHz)	Reading Level	Reading Level	Reading Level	Reading Level	Avg. (dBm)	Avg. (dBm)	Pass/Fail
				Ant 3+5+6+7						
Tnom (25 °C)	Vnom (120V)	36	5190	9.55	9.93	9.81	10.23	15.91	27.94	Pass
		46	5230	9.48	10.22	9.91	10.20	15.98	27.94	Pass
		151	5755	21.23	21.50	21.60	21.46	27.47	27.94	Pass
		159	5795	20.92	21.07	21.21	21.10	27.10	27.94	Pass
				Ant 3+5+6+7						

Mode:	802.11ax(80MHz)	Data Rate:	HEONSS1	MIMO Mode(4TX+4RX)						
Test Conditions	Channel	Frequency (MHz)	Ant 3+5+6+7				Total Power	Limit		
			Ant3 Reading Level Avg. (dBm)	Ant5 Reading Level Avg. (dBm)	Ant6 Reading Level Avg. (dBm)	Ant7 Reading Level Avg. (dBm)		Avg. (dBm (Ant 3+5+6+7)	Avg. (dBm)	Pass/Fail
			Tnom (25 °C)	Vnom (120V)	42	5210	9.01	9.52	9.49	9.56
		155	5775	14.54	14.66	14.59	14.97	20.71	27.94	Pass

Antenna Technology:	Beamforming 2*2									
Mode:	802.11n(20MHz)	Data Rate:	MCS0	Conducted power MIMO Mode(2TX+2RX)						
Test Conditions	Channel	Frequency (MHz)	Ant 3+5		Total Power	Limit				
			Ant3 Reading Level Avg. (dBm)	Ant5 Reading Level Avg. (dBm)		Avg. (dBm (Ant 3+5)	Avg. (dBm)	Pass/Fail		
			Tnom (25 °C)	Vnom (120V)	36	5180	9.50	9.73	12.53	24.93
		40	5200	9.39	9.65	12.64	24.93	Pass		
		44	5220	9.45	10.07	12.78	24.93	Pass		
		48	5240	9.43	9.99	12.73	24.93	Pass		
		149	5745	21.42	21.85	24.65	24.93	Pass		
		157	5785	21.36	21.41	24.40	24.93	Pass		
		165	5825	21.32	21.24	24.29	24.93	Pass		
Mode:	802.11n(40MHz)	Data Rate:	MCS0	Conducted power MIMO Mode(2TX+2RX)						
Test Conditions	Channel	Frequency (MHz)	Ant 3+5		Total Power	Limit				
			Ant3 Reading Level Avg. (dBm)	Ant5 Reading Level Avg. (dBm)		Avg. (dBm (Ant 3+5)	Avg. (dBm)	Pass/Fail		
			Tnom (25 °C)	Vnom (120V)	38	5190	9.45	10.01	12.75	24.93
		46	5230	9.53	10.12	12.85	24.93	Pass		
		151	5755	21.55	21.80	24.69	24.93	Pass		
		159	5795	21.32	21.52	24.43	24.93	Pass		
Mode:	802.11ac(20MHz)	Data Rate:	MCS0NSS1	Conducted power MIMO Mode(2TX+2RX)						
Test Conditions	Channel	Frequency (MHz)	Ant 3+5		Total Power	Limit				
			Ant3 Reading Level Avg. (dBm)	Ant5 Reading Level Avg. (dBm)		Avg. (dBm (Ant 3+5)	Avg. (dBm)	Pass/Fail		
			Tnom (25 °C)	Vnom (120V)	36	5180	9.43	9.70	12.58	24.93
		40	5200	9.45	9.65	12.66	24.93	Pass		
		44	5220	9.53	10.05	12.81	24.93	Pass		
		48	5240	9.36	10.01	12.71	24.93	Pass		
		149	5745	21.52	21.78	24.66	24.93	Pass		
		157	5785	21.42	21.41	24.43	24.93	Pass		
		165	5825	21.30	21.26	24.29	24.93	Pass		
Mode:	802.11ac(40MHz)	Data Rate:	MCS0NSS1	Conducted power MIMO Mode(2TX+2RX)						
Test Conditions	Channel	Frequency (MHz)	Ant 3+5		Total Power	Limit				
			Ant3 Reading Level Avg. (dBm)	Ant5 Reading Level Avg. (dBm)		Avg. (dBm (Ant 3+5)	Avg. (dBm)	Pass/Fail		

Test Conditions		Channel	(MHz)	Ant3	Ant5	Avg. (dBm (Ant 3+5))	Avg. (dBm)	Pass/Fail	
Tnom (25 °C)	Vnom (120V)	38	5190	9.35	10.06	12.73	24.93	Pass	
		46	5230	9.64	10.24	12.96	24.93	Pass	
		151	5755	21.51	21.80	24.67	24.93	Pass	
		159	5795	21.33	21.41	24.38	24.93	Pass	
Mode:	802.11ac(80MHz)	Data Rate:	Conducted power MIMO Mode(2TX+2RX)						
Test Conditions	Channel	Frequency	Ant 3+5 Reading Level		Total Power	Limit			
			Avg. (dBm)						
		(MHz)	Ant3	Ant5			Avg. (dBm (Ant 3+5))	Avg. (dBm)	Pass/Fail
Tnom (25 °C)	Vnom (120V)	42	5210	9.83	10.08	12.97	24.93	Pass	
		155	5775	15.89	16.13	19.02	24.93	Pass	
Mode:	802.11ax(20MHz)	Data Rate:	Conducted power MIMO Mode(2TX+2RX)						
Test Conditions	Channel	Frequency	Ant 3+5 Reading Level		Total Power	Limit			
			Avg. (dBm)						
		(MHz)	Ant3	Ant5			Avg. (dBm (Ant 3+5))	Avg. (dBm)	Pass/Fail
Tnom (25 °C)	Vnom (120V)	36	5180	9.38	9.82	12.62	24.93	Pass	
		40	5200	9.43	9.66	12.66	24.93	Pass	
		44	5220	9.50	10.18	12.86	24.93	Pass	
		48	5240	9.40	10.13	12.79	24.93	Pass	
		149	5745	21.42	21.79	24.62	24.93	Pass	
		157	5785	21.37	21.46	24.43	24.93	Pass	
		165	5825	21.28	21.23	24.27	24.93	Pass	
Mode:	802.11ax(40MHz)	Data Rate:	Conducted power MIMO Mode(2TX+2RX)						
Test Conditions	Channel	Frequency	Ant 3+5 Reading Level		Total Power	Limit			
			Avg. (dBm)						
		(MHz)	Ant3	Ant5			Avg. (dBm (Ant 3+5))	Avg. (dBm)	Pass/Fail
Tnom (25 °C)	Vnom (120V)	38	5190	9.39	10.02	12.73	24.93	Pass	
		46	5230	9.56	10.13	12.86	24.93	Pass	
		151	5755	21.54	21.78	24.67	24.93	Pass	
		159	5795	21.22	21.52	24.38	24.93	Pass	
Mode:	802.11ax(80MHz)	Data Rate:	Conducted power MIMO Mode(2TX+2RX)						
Test Conditions	Channel	Frequency	Ant 3+5 Reading Level		Total Power	Limit			
			Avg. (dBm)						
		(MHz)	Ant3	Ant5			Avg. (dBm (Ant 3+5))	Avg. (dBm)	Pass/Fail
Tnom (25 °C)	Vnom (120V)	42	5210	9.77	10.15	12.97	24.93	Pass	
		155	5775	15.90	16.15	19.04	24.93	Pass	

Antenna Technology:	Beamforming 4*4								
Mode:	802.11n(20MHz)	Data Rate:	MCS0	Conducted power MIMO Mode(4TX+4RX)					
				Ant 3+5+6+7					

Test Conditions		Channel	Frequency	Ant3	Ant5	Ant6	Ant7	Total Power	Limit	
			(MHz)	Reading Level	Reading Level	Reading Level	Reading Level	Avg. (dBm) (Ant 3+5+6+7)	Avg. (dBm)	Pass/Fail
				Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)			
Tnom (25 °C)	Vnom (120V)	36	5180	3.40	3.82	3.21	3.53	9.52	21.92	Pass
		40	5200	3.17	4.05	3.35	3.73	9.61	21.92	Pass
		44	5220	3.45	3.97	3.50	3.98	9.75	21.92	Pass
		48	5240	3.33	3.97	3.35	3.84	9.65	21.92	Pass
		149	5745	14.98	15.46	15.54	15.51	21.40	21.92	Pass
		157	5785	14.89	15.08	15.31	15.17	21.14	21.92	Pass
		165	5825	14.96	14.91	14.87	14.85	20.92	21.92	Pass
Mode:	802.11n(40MHz)	Data Rate:	Conducted power MIMO Mode(4TX+4RX)							
Test Conditions		Channel	Frequency	Ant3	Ant5	Ant6	Ant7	Total Power	Limit	
			(MHz)	Reading Level	Reading Level	Reading Level	Reading Level	Avg. (dBm) (Ant 3+5+6+7)	Avg. (dBm)	Pass/Fail
			Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)				
Tnom (25 °C)	Vnom (120V)	38	5190	3.44	3.86	3.72	4.11	9.81	21.92	Pass
		46	5230	3.43	4.10	3.90	4.13	9.92	21.92	Pass
		151	5755	15.22	15.54	15.60	15.52	21.49	21.92	Pass
		159	5795	14.93	15.10	15.19	15.11	21.10	21.92	Pass
		Mode:	802.11ac(20MHz)	Data Rate:	Conducted power MIMO Mode(4TX+4RX)					
Test Conditions		Channel	Frequency	Ant3	Ant5	Ant6	Ant7	Total Power	Limit	
			(MHz)	Reading Level	Reading Level	Reading Level	Reading Level	Avg. (dBm) (Ant 3+5+6+7)	Avg. (dBm)	Pass/Fail
			Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)				
Tnom (25 °C)	Vnom (120V)	36	5180	3.37	3.79	3.21	3.43	9.48	21.92	Pass
		40	5200	3.19	3.97	3.26	3.76	9.58	21.92	Pass
		44	5220	3.58	3.91	3.57	3.88	9.76	21.92	Pass
		48	5240	3.32	4.00	3.43	3.70	9.64	21.92	Pass
		149	5745	14.97	15.50	15.54	15.45	21.39	21.92	Pass
		157	5785	14.93	15.13	15.24	15.17	21.14	21.92	Pass
		165	5825	14.85	14.86	14.87	14.79	20.86	21.92	Pass
Mode:	802.11ac(40MHz)	Data Rate:	Conducted power MIMO Mode(4TX+4RX)							
Test Conditions		Channel	Frequency	Ant3	Ant5	Ant6	Ant7	Total Power	Limit	
			(MHz)	Reading Level	Reading Level	Reading Level	Reading Level	Avg. (dBm) (Ant 3+5+6+7)	Avg. (dBm)	Pass/Fail
			Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)				
Tnom (25 °C)	Vnom (120V)	38	5190	3.43	3.82	3.71	4.25	9.83	21.92	Pass
		46	5230	3.45	4.15	3.81	4.08	9.90	21.92	Pass
		151	5755	15.15	15.49	15.60	15.55	21.47	21.92	Pass
		159	5795	14.90	15.10	15.15	15.10	21.08	21.92	Pass
		Mode:	802.11ac(80MHz)	Data Rate:	Conducted power MIMO Mode(4TX+4RX)					
Test Conditions		Channel	Frequency	Ant3	Ant5	Ant6	Ant7	Total Power	Limit	
			(MHz)	Reading Level	Reading Level	Reading Level	Reading Level	Avg. (dBm) (Ant 3+5+6+7)	Avg. (dBm)	Pass/Fail
			Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)				
Tnom (25 °C)	Vnom (120V)	42	5210	3.68	4.22	3.92	4.07	10.00	21.92	Pass
		155	5775	14.51	14.59	14.61	14.92	20.68	21.92	Pass

Mode:	802.11ax(20MHz)	Data Rate:	HE0NSS1	Conducted power MIMO Mode(4TX+4RX)							Total Power	Limit	
				Ant 3+5+6+7						Avg. (dBm)		Avg. (dBm)	Pass/Fail
Test Conditions	Channel	Frequency (MHz)	Ant3	Ant5	Ant6	Ant7			Avg. (dBm) (Ant 3+5+6+7)	Avg. (dBm)	Pass/Fail		
			Reading Level Avg. (dBm)	Reading Level Avg. (dBm)	Reading Level Avg. (dBm)	Reading Level Avg. (dBm)							
Tnom (25 °C)	Vnom (120V)	36	5180	3.39	3.78	3.21	3.50		9.50	21.92	Pass		
		40	5200	3.16	3.98	3.20	3.71		9.55	21.92	Pass		
		44	5220	3.45	3.83	3.49	3.99		9.72	21.92	Pass		
		48	5240	3.27	3.91	3.28	3.78		9.59	21.92	Pass		
		149	5745	15.03	15.47	15.60	15.48		21.42	21.92	Pass		
		157	5785	14.96	15.10	15.25	15.14		21.13	21.92	Pass		
165	5825	14.86	14.80	14.86	14.83		20.86	21.92	Pass				
Mode:	802.11ax(40MHz)	Data Rate:	HE0NSS1	Conducted power MIMO Mode(4TX+4RX)							Total Power	Limit	
Ant 3+5+6+7						Avg. (dBm)	Avg. (dBm)	Pass/Fail					
Test Conditions	Channel	Frequency (MHz)	Ant3	Ant5	Ant6	Ant7			Avg. (dBm) (Ant 3+5+6+7)	Avg. (dBm)	Pass/Fail		
			Reading Level Avg. (dBm)	Reading Level Avg. (dBm)	Reading Level Avg. (dBm)	Reading Level Avg. (dBm)							
Tnom (25 °C)	Vnom (120V)	38	5190	3.48	3.83	3.74	4.22		9.85	21.92	Pass		
		46	5230	3.34	4.21	3.80	4.20		9.92	21.92	Pass		
		151	5755	15.20	15.53	15.66	15.49		21.49	21.92	Pass		
		159	5795	14.86	15.04	15.18	15.18		21.09	21.92	Pass		
Mode:	802.11ax(80MHz)	Data Rate:	HE0NSS1	Conducted power MIMO Mode(4TX+4RX)							Total Power	Limit	
Ant 3+5+6+7						Avg. (dBm)	Avg. (dBm)	Pass/Fail					
Test Conditions	Channel	Frequency (MHz)	Ant3	Ant5	Ant6	Ant7			Avg. (dBm) (Ant 3+5+6+7)	Avg. (dBm)	Pass/Fail		
			Reading Level Avg. (dBm)	Reading Level Avg. (dBm)	Reading Level Avg. (dBm)	Reading Level Avg. (dBm)							
Tnom (25 °C)	Vnom (120V)	42	5210	3.61	4.16	3.92	4.21		10.00	21.92	Pass		
		155	5775	14.53	14.56	14.64	14.94		20.69	21.92	Pass		

FCC 5GHz Power Table-Radio 3(5G High band mode)



Standard:	FCC Part 15.407	Test Date:	2020.04.07	Temperature:	25°C	Humidity:	55%RH		
Project No.:	2032034R			Product Name:	Wireless Access Point	Model Name:	AP460SC	Test Site:	TR8
Antenna Gain(dBi)	Ant 3	7.84	Ant 5	8.06	Ant 6	7.91	Ant 7	7.65	
2*2 CDD-Directional Gain-Power(dBi)	8.06			2*2 BF-Directional Gain-Power(dBi)	11.07				
4*4 CDD-Directional Gain-Power(dBi)	8.06			4*4 BF-Directional Gain-Power(dBi)	14.08				

Test Eng:	Pawn									
Antenna Technology:	CDD 2*2									
Mode:	802.11a	Data Rate:	6Mbps	Conducted power MIMO Mode(2TX+2RX)						
Test Conditions	Channel	Frequency (MHz)	Ant 3+5 Reading Level Avg. (dBm)			Total Power		Limit		
			Ant3	Ant5	Avg. (dBm)	Avg. (dBm)	Pass/Fail			
Tnom (25 °C)	Vnom (120V)	149	5745	21.58	21.91	24.76	27.94	Pass		
		157	5785	21.47	21.48	24.49	27.94	Pass		
		165	5825	21.36	21.24	24.31	27.94	Pass		
Mode:	802.11n(20MHz)	Data Rate:	MCS0	Conducted power MIMO Mode(2TX+2RX)						
Test Conditions	Channel	Frequency (MHz)	Ant 3+5 Reading Level Avg. (dBm)			Total Power		Limit		
			Ant3	Ant5	Avg. (dBm)	Avg. (dBm)	Pass/Fail			
Tnom (25 °C)	Vnom (120V)	149	5745	21.47	21.92	24.71	27.94	Pass		
		157	5785	21.40	21.62	24.52	27.94	Pass		
		165	5825	21.38	21.22	24.31	27.94	Pass		
Mode:	802.11n(40MHz)	Data Rate:	MCS0	Conducted power MIMO Mode(2TX+2RX)						
Test Conditions	Channel	Frequency (MHz)	Ant 3+5 Reading Level Avg. (dBm)			Total Power		Limit		
			Ant3	Ant5	Avg. (dBm)	Avg. (dBm)	Pass/Fail			
Tnom (25 °C)	Vnom (120V)	151	5755	21.64	21.91	24.79	27.94	Pass		
		159	5795	21.41	21.57	24.50	27.94	Pass		
Mode:	802.11ac(20MHz)	Data Rate:	MCS0NSS1	Conducted power MIMO Mode(2TX+2RX)						
Test Conditions	Channel	Frequency (MHz)	Ant 3+5 Reading Level Avg. (dBm)			Total Power		Limit		
			Ant3	Ant5	Avg. (dBm)	Avg. (dBm)	Pass/Fail			
Tnom (25 °C)	Vnom (120V)	149	5745	21.47	21.85	24.67	27.94	Pass		
		157	5785	21.49	21.52	24.52	27.94	Pass		
		165	5825	21.36	21.33	24.36	27.94	Pass		
Mode:	802.11ac(40MHz)	Data Rate:	MCS0NSS1	Conducted power MIMO Mode(2TX+2RX)						
Test Conditions	Channel	Frequency (MHz)	Ant 3+5 Reading Level Avg. (dBm)			Total Power		Limit		
			Ant3	Ant5	Avg. (dBm)	Avg. (dBm)	Pass/Fail			
Tnom (25 °C)	Vnom (120V)	151	5755	21.62	21.85	24.75	27.94	Pass		

THRU (25 °C)	Vnom (120V)	159	5795	21.31	21.58	24.46	27.94	Pass	
Mode:	802.11ac(80MHz)	Data Rate:	MCS0NSS1	Conducted power					
				MIMO Mode(2TX+2RX)					
Test Conditions		Channel	Frequency	Ant 3+5		Total Power	Limit		
				Reading Level	Avg. (dBm)				
			(MHz)	Ant3	Ant5	Avg. (dBm)	Avg. (dBm)	Pass/Fail	
Tnom (25 °C)	Vnom (120V)	155	5775	15.96	16.22	19.10	27.94	Pass	
Mode:	802.11ax(20MHz)	Data Rate:	HE0NSS1	Conducted power					
				MIMO Mode(2TX+2RX)					
Test Conditions		Channel	Frequency	Ant 3+5		Total Power	Limit		
				Reading Level	Avg. (dBm)				
			(MHz)	Ant3	Ant5	Avg. (dBm)	Avg. (dBm)	Pass/Fail	
Tnom (25 °C)	Vnom (120V)	149	5745	21.50	21.95	24.74	27.94	Pass	
		157	5785	21.44	21.43	24.45	27.94	Pass	
		165	5825	21.35	21.27	24.32	27.94	Pass	
Mode:	802.11ax(40MHz)	Data Rate:	HE0NSS1	Conducted power					
				MIMO Mode(2TX+2RX)					
Test Conditions		Channel	Frequency	Ant 3+5		Total Power	Limit		
				Reading Level	Avg. (dBm)				
			(MHz)	Ant3	Ant5	Avg. (dBm)	Avg. (dBm)	Pass/Fail	
Tnom (25 °C)	Vnom (120V)	151	5755	21.58	21.91	24.76	27.94	Pass	
		159	5795	21.37	21.56	24.48	27.94	Pass	
Mode:	802.11ax(80MHz)	Data Rate:	HE0NSS1	Conducted power					
				MIMO Mode(2TX+2RX)					
Test Conditions		Channel	Frequency	Ant 3+5		Total Power	Limit		
				Reading Level	Avg. (dBm)				
			(MHz)	Ant3	Ant5	Avg. (dBm)	Avg. (dBm)	Pass/Fail	
Tnom (25 °C)	Vnom (120V)	155	5775	15.91	16.19	19.06	27.94	Pass	

Antenna Technology:		ODD 4*4							
Mode:	802.11a	Data Rate:	6Mbps	Conducted power					
				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)	Pass/Fail
Tnom (25 °C)	Vnom (120V)	149	5745	20.76	21.30	21.52	21.42	27.28	27.94
		157	5785	20.79	21.06	21.31	20.96	27.05	27.94
		165	5825	20.80	20.82	20.81	20.77	26.82	27.94
Mode:	802.11n(20MHz)	Data Rate:	MCS0	Conducted power					
				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)	Pass/Fail
Tnom (25 °C)	Vnom (120V)	149	5745	21.09	21.32	21.35	21.39	27.31	27.94
		157	5785	20.92	20.92	21.18	21.01	27.03	27.94
		165	5825	20.86	20.61	20.95	20.70	26.80	27.94
Mode:	802.11n(40MHz)	Data Rate:	MCS0	Conducted power					
				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)	Pass/Fail	
Tnom (25 °C)	Vnom (120V)	151	5755	20.99	21.52	21.48	21.45	27.39	27.94	Pass
		159	5795	20.82	21.07	21.11	20.97	27.01	27.94	Pass
Mode:	802.11ac(20MHz)	Data Rate:	MCS0NSS1	Conducted power						
				MIMO Mode(4TX+4RX)						
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)	Avg. (dBm)	Pass/Fail	
Tnom (25 °C)	Vnom (120V)	149	5745	21.03	21.37	21.36	21.22	27.27	27.94	Pass
		157	5785	21.01	20.86	21.13	20.98	27.02	27.94	Pass
		165	5825	20.75	20.72	20.61	20.85	26.75	27.94	Pass
Mode:	802.11ac(40MHz)	Data Rate:	MCS0NSS1	Conducted power						
				MIMO Mode(4TX+4RX)						
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)	Avg. (dBm)	Pass/Fail	
Tnom (25 °C)	Vnom (120V)	151	5755	20.91	21.27	21.39	21.37	27.26	27.94	Pass
		159	5795	20.86	21.02	21.18	20.96	27.03	27.94	Pass
Mode:	802.11ac(80MHz)	Data Rate:	MCS0NSS1	Conducted power						
				MIMO Mode(4TX+4RX)						
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)	Avg. (dBm)	Pass/Fail	
Tnom (25 °C)	Vnom (120V)	155	5775	14.32	14.58	14.31	14.85	20.54	27.94	Pass
Mode:	802.11ax(20MHz)	Data Rate:	HE0NSS1	Conducted power						
				MIMO Mode(4TX+4RX)						
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)	Avg. (dBm)	Pass/Fail	
Tnom (25 °C)	Vnom (120V)	149	5745	20.99	21.36	21.46	21.31	27.30	27.94	Pass
		157	5785	20.97	20.95	21.19	20.95	27.04	27.94	Pass
		165	5825	20.62	20.95	20.86	20.81	26.83	27.94	Pass
Mode:	802.11ax(40MHz)	Data Rate:	HE0NSS1	Conducted power						
				MIMO Mode(4TX+4RX)						
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)	Avg. (dBm)	Pass/Fail	
Tnom (25 °C)	Vnom (120V)	151	5755	21.18	21.48	21.58	21.30	27.41	27.94	Pass
		159	5795	20.64	20.88	21.01	20.94	26.89	27.94	Pass
Mode:	802.11ax(80MHz)	Data Rate:	HE0NSS1	Conducted power						
				MIMO Mode(4TX+4RX)						
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)	Avg. (dBm)	Pass/Fail	
Tnom (25 °C)	Vnom (120V)	155	5775	14.46	14.63	14.49	14.91	20.65	27.94	Pass
Antenna Technology:	Beamforming 2'2									
Mode:	802.11n(20MHz)	Data Rate:	MCS0	Conducted power						
				MIMO Mode(2TX+2RX)						
				Ant 3+5						

Test Conditions		Channel	Frequency	Reading Level		Total Power		Limit			
			(MHz)	Avg. (dBm)		Avg. (dBm)		Pass/Fail			
Tnom (25 °C)	Vnom (120V)	149	5745	21.16	21.71	24.45	24.93	Pass			
		157	5785	21.22	21.17	24.21	24.93	Pass			
		165	5825	21.10	21.22	24.17	24.93	Pass			
Mode:	802.11n(40MHz)	Data Rate:	MCS0	Conducted power MIMO Mode(2TX+2RX)							
				Ant 3+5							
Test Conditions		Channel	Frequency	Reading Level		Total Power		Limit			
			(MHz)	Avg. (dBm)		Avg. (dBm)		Pass/Fail			
Tnom (25 °C)	Vnom (120V)	151	5755	21.36	21.78	24.59	24.93	Pass			
		159	5795	21.12	21.47	24.31	24.93	Pass			
Mode:	802.11ac(20MHz)	Data Rate:	MCS0NSS1	Conducted power MIMO Mode(2TX+2RX)							
				Ant 3+5							
Test Conditions		Channel	Frequency	Reading Level		Total Power		Limit			
			(MHz)	Avg. (dBm)		Avg. (dBm)		Pass/Fail			
Tnom (25 °C)	Vnom (120V)	149	5745	21.49	21.64	24.58	24.93	Pass			
		157	5785	21.25	21.41	24.34	24.93	Pass			
		165	5825	21.05	21.17	24.12	24.93	Pass			
Mode:	802.11ac(40MHz)	Data Rate:	MCS0NSS1	Conducted power MIMO Mode(2TX+2RX)							
				Ant 3+5							
Test Conditions		Channel	Frequency	Reading Level		Total Power		Limit			
			(MHz)	Avg. (dBm)		Avg. (dBm)		Pass/Fail			
Tnom (25 °C)	Vnom (120V)	151	5755	21.50	21.60	24.56	24.93	Pass			
		159	5795	21.10	21.22	24.17	24.93	Pass			
Mode:	802.11ac(80MHz)	Data Rate:	MCS0NSS1	Conducted power MIMO Mode(2TX+2RX)							
				Ant 3+5							
Test Conditions		Channel	Frequency	Reading Level		Total Power		Limit			
			(MHz)	Avg. (dBm)		Avg. (dBm)		Pass/Fail			
Tnom (25 °C)	Vnom (120V)	155	5775	15.64	18.02	18.84	24.93	Pass			
Mode:	802.11ax(20MHz)	Data Rate:	HE0NSS1	Conducted power MIMO Mode(2TX+2RX)							
				Ant 3+5							
Test Conditions		Channel	Frequency	Reading Level		Total Power		Limit			
			(MHz)	Avg. (dBm)		Avg. (dBm)		Pass/Fail			
Tnom (25 °C)	Vnom (120V)	149	5745	21.13	21.75	24.46	24.93	Pass			
		157	5785	21.14	21.44	24.30	24.93	Pass			
		165	5825	21.07	21.07	24.08	24.93	Pass			
Mode:	802.11ax(40MHz)	Data Rate:	HE0NSS1	Conducted power MIMO Mode(2TX+2RX)							
				Ant 3+5							
Test Conditions		Channel	Frequency	Reading Level		Total Power		Limit			
			(MHz)	Avg. (dBm)		Avg. (dBm)		Pass/Fail			
Tnom (25 °C)	Vnom (120V)	151	5755	21.50	21.52	24.52	24.93	Pass			
		159	5795	20.97	21.35	24.17	24.93	Pass			
Mode:	802.11ax(80MHz)	Data Rate:	HE0NSS1	Conducted power MIMO Mode(2TX+2RX)							
				Ant 3+5							

Test Conditions		Channel	Frequency	Reading Level		Total Power	Limit	
			(MHz)	Avg. (dBm)				
				Ant3		Ant5	Avg. (dBm)	Avg. (dBm) Pass/Fail
Tnom (25 °C)	Vnom (120V)	155	5775	15.63		15.90	18.78	24.93 Pass

Antenna Technology:		Beamforming 4*4									
Mode:		Conducted power									
802.11n(20MHz)		Data Rate:	MIMO Mode(4TX*4RX)								
		Ant 3+5+6+7									
Test Conditions		Channel	Frequency	Ant3	Ant5	Ant6	Ant7	Total Power	Limit		
			(MHz)	Reading Level	Reading Level	Reading Level	Reading Level				
				Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Pass/Fail	
Tnom (25 °C)	Vnom (120V)	149	5745	14.87	15.23	15.30	15.31	21.20	21.92	Pass	
		157	5785	14.86	14.93	15.11	14.89	20.97	21.92	Pass	
		165	5825	14.81	14.87	14.77	14.82	20.84	21.92	Pass	
Mode:		Conducted power									
802.11n(40MHz)		Data Rate:	MIMO Mode(4TX*4RX)								
		Ant 3+5+6+7									
Test Conditions		Channel	Frequency	Ant3	Ant5	Ant6	Ant7	Total Power	Limit		
			(MHz)	Reading Level	Reading Level	Reading Level	Reading Level				
				Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Pass/Fail	
Tnom (25 °C)	Vnom (120V)	151	5755	14.98	15.44	15.54	15.27	21.33	21.92	Pass	
		159	5795	14.79	14.84	14.92	14.84	20.87	21.92	Pass	
Mode:		Conducted power									
802.11ac(20MHz)		Data Rate:	MIMO Mode(4TX*4RX)								
		Ant 3+5+6+7									
Test Conditions		Channel	Frequency	Ant3	Ant5	Ant6	Ant7	Total Power	Limit		
			(MHz)	Reading Level	Reading Level	Reading Level	Reading Level				
				Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Pass/Fail	
Tnom (25 °C)	Vnom (120V)	149	5745	14.74	15.28	15.53	15.25	21.23	21.92	Pass	
		157	5785	14.92	14.87	15.01	15.10	21.00	21.92	Pass	
		165	5825	14.74	14.75	14.76	14.73	20.77	21.92	Pass	
Mode:		Conducted power									
802.11ac(40MHz)		Data Rate:	MIMO Mode(4TX*4RX)								
		Ant 3+5+6+7									
Test Conditions		Channel	Frequency	Ant3	Ant5	Ant6	Ant7	Total Power	Limit		
			(MHz)	Reading Level	Reading Level	Reading Level	Reading Level				
				Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Pass/Fail	
Tnom (25 °C)	Vnom (120V)	151	5755	15.07	15.31	15.35	15.30	21.28	21.92	Pass	
		159	5795	14.89	15.04	14.88	14.85	20.94	21.92	Pass	
Mode:		Conducted power									
802.11ac(80MHz)		Data Rate:	MIMO Mode(4TX*4RX)								
		Ant 3+5+6+7									
Test Conditions		Channel	Frequency	Ant3	Ant5	Ant6	Ant7	Total Power	Limit		
			(MHz)	Reading Level	Reading Level	Reading Level	Reading Level				
				Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Pass/Fail	
Tnom (25 °C)	Vnom (120V)	155	5775	14.45	14.52	14.46	14.79	20.58	21.92	Pass	
Mode:		Conducted power									
802.11ax(20MHz)		Data Rate:	MIMO Mode(4TX*4RX)								
		Ant 3+5+6+7									
Test Conditions		Channel	Frequency	Ant3	Ant5	Ant6	Ant7	Total Power	Limit		
			(MHz)	Reading Level	Reading Level	Reading Level	Reading Level				
				Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Pass/Fail	
Tnom (25 °C)	Vnom (120V)	149	5745	14.98	15.45	15.41	15.23	21.29	21.92	Pass	
		157	5785	14.93	15.04	15.13	15.01	21.05	21.92	Pass	
		165	5825	14.78	14.79	14.77	14.61	20.76	21.92	Pass	
		Conducted power									

Mode:	802.11ax(40MHz)	Data Rate:	HE0NSS1	MIMO Mode(4TX+4RX)						
Test Conditions	Channel	Frequency (MHz)	Ant 3+5+6+7				Total Power Avg. (dBm)	Limit		
			Ant3 Reading Level Avg. (dBm)	Ant5 Reading Level Avg. (dBm)	Ant6 Reading Level Avg. (dBm)	Ant7 Reading Level Avg. (dBm)		Avg. (dBm)	Pass/Fail	
			Tnom (25 °C)	Vnom (120V)	151	5755				15,03
		159	5795	14,60	14,94	14,90	15,14	20,92	21,92	Pass
Conducted power										
Mode:	802.11ax(80MHz)	Data Rate:	HE0NSS1	MIMO Mode(4TX+4RX)						
Test Conditions	Channel	Frequency (MHz)	Ant 3+5+6+7				Total Power Avg. (dBm)	Limit		
			Ant3 Reading Level Avg. (dBm)	Ant5 Reading Level Avg. (dBm)	Ant6 Reading Level Avg. (dBm)	Ant7 Reading Level Avg. (dBm)		Avg. (dBm)	Pass/Fail	
			Tnom (25 °C)	Vnom (120V)	155	5775				14,37