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3.1 Maximum Conducted Output Power

802.11a mode							
Frequency (MHz)	Conducted Output Power (dBm)				Limit (dBm)	Result	
	Ant.1	Ant.2	Ant.3	Ant.4			
5180	12.86	11.93	12.21	13.56	24.00	Pass	
5200	12.78	12.19	12.06	13.80	24.00	Pass	
5240	13.27	12.41	12.40	14.06	24.00	Pass	
5260	13.38	12.64	12.95	14.63	24.00	Pass	
5300	12.86	12.35	12.19	14.24	24.00	Pass	
5320	13.16	12.37	11.90	14.23	24.00	Pass	
5500	13.14	12.41	12.40	15.06	24.00	Pass	
5580	12.78	12.87	11.78	14.53	24.00	Pass	
5600	12.62	12.66	11.78	14.57	24.00	Pass	
5700	11.34	11.91	9.73	11.65	24.00	Pass	
5745	12.35	13.24	11.01	12.80	30.00	Pass	
5785	11.84	12.42	10.77	12.70	30.00	Pass	
5825	12.25	12.09	10.97	12.68	30.00	Pass	
802.11 n20 mode							
Frequency (MHz)	Conducted Output Power (dBm)					Limit (dBm)	
	Ant.1	Ant.2	Ant.3	Ant.4	Total		
5180	3.56	2.98	4.17	5.22	10.08	20.00	Pass
5200	3.47	3.28	3.79	4.77	9.89	20.00	Pass
5240	3.97	3.63	4.10	5.51	10.39	20.00	Pass
5260	12.48	11.88	12.02	12.96	18.38	19.57	Pass
5300	12.39	11.78	11.33	12.86	18.15	19.58	Pass
5320	12.05	11.50	11.05	12.99	17.98	19.58	Pass
5500	12.40	12.36	11.54	13.57	18.55	19.56	Pass
5580	11.93	12.22	10.88	13.60	18.29	19.58	Pass
5600	11.91	11.80	10.84	12.98	17.97	20.00	Pass
5700	9.87	12.46	9.18	11.33	16.92	19.55	Pass
5745	10.73	12.55	11.14	12.62	17.86	26.00	Pass
5785	10.50	12.43	10.94	12.47	17.69	26.00	Pass
5825	9.96	12.20	9.63	12.41	17.25	26.00	Pass
802.11 n40 mode							
Frequency (MHz)	Conducted Output Power (dBm)					Limit (dBm)	
	Ant.1	Ant.2	Ant.3	Ant.4	Total		
5190	6.49	5.12	5.62	5.79	11.80	20.00	Pass
5230	6.74	5.48	5.35	6.18	11.99	20.00	Pass
5270	12.80	12.27	12.51	13.81	18.91	20.00	Pass
5310	12.42	11.58	12.11	13.12	18.36	20.00	Pass
5510	12.79	13.63	12.49	12.95	19.01	20.00	Pass
5550	12.68	13.49	12.14	12.52	18.76	20.00	Pass
5590	12.68	13.47	11.86	12.43	18.67	20.00	Pass
5670	11.52	12.48	10.66	12.28	17.81	20.00	Pass
5755	11.39	14.00	10.81	12.06	18.26	26.00	Pass
5795	11.02	13.75	10.53	12.87	18.26	26.00	Pass

802.11ac 20 mode							
Frequency (MHz)	Conducted Output Power (dBm)					Limit (dBm)	Result
	Ant.1	Ant.2	Ant.3	Ant.4	Total		
5180	3.50	4.54	4.12	3.90	10.05	20.00	Pass
5200	4.55	2.68	4.44	4.44	10.11	20.00	Pass
5240	5.06	3.42	4.30	4.48	10.37	20.00	Pass
5260	13.78	11.46	11.77	13.43	18.75	19.58	Pass
5300	13.61	11.23	11.45	13.27	18.54	19.57	Pass
5320	13.44	11.16	11.34	12.82	18.32	19.57	Pass
5500	13.39	12.78	11.59	12.72	18.69	19.54	Pass
5580	12.77	12.44	10.39	11.96	18.00	19.57	Pass
5600	12.47	12.17	10.24	13.11	18.14	20.00	Pass
5700	11.16	11.32	10.10	11.13	16.97	19.55	Pass
5745	12.52	12.73	10.25	11.91	17.97	26.00	Pass
5785	11.97	12.62	9.88	12.34	17.85	26.00	Pass
5825	12.17	12.59	9.91	12.59	17.96	26.00	Pass
802.11ac 40 mode							
Frequency (MHz)	Conducted Output Power (dBm)					Limit (dBm)	Result
	Ant.1	Ant.2	Ant.3	Ant.4	Total		
5190	6.81	5.47	5.84	5.58	11.98	20.00	Pass
5230	7.52	6.74	6.18	6.14	12.70	20.00	Pass
5270	7.77	12.37	12.24	12.97	17.77	20.00	Pass
5310	12.50	12.21	12.22	13.01	18.52	20.00	Pass
5510	13.03	13.86	12.70	13.72	19.37	20.00	Pass
5550	12.82	13.48	12.25	13.33	19.02	20.00	Pass
5590	12.71	13.48	11.54	13.37	18.86	20.00	Pass
5670	11.41	12.70	10.58	12.47	17.89	20.00	Pass
5755	11.03	14.18	10.42	12.65	18.34	26.00	Pass
5795	10.72	13.86	10.18	12.23	18.01	26.00	Pass
802.11ac 80 mode							
Frequency (MHz)	Conducted Output Power (dBm)					Limit (dBm)	Result
	Ant.1	Ant.2	Ant.3	Ant.4	Total		
5210	6.86	6.11	6.29	6.50	12.47	20.00	Pass
5290	12.96	12.51	12.60	13.24	18.86	20.00	Pass
5530	13.10	13.62	12.38	13.54	19.21	20.00	Pass
5610	12.46	13.51	11.69	13.12	18.77	20.00	Pass
5775	10.86	13.38	10.55	11.88	17.83	26.00	Pass

3.2 E.I.R.P.

802.11a mode							
Frequency (MHz)	E.I.R.P. (dBm)				Limit (dBm)	Result	
	Ant.1	Ant.2	Ant.3	Ant.4			
5180	16.86	15.93	16.21	17.56	22.32	Pass	
5200	16.78	16.19	16.06	17.80	22.31	Pass	
5240	17.27	16.41	16.40	18.06	22.31	Pass	
5260	17.38	16.64	16.95	18.63	29.31	Pass	
5300	16.86	16.35	16.19	18.24	29.31	Pass	
5320	17.16	16.37	15.90	18.23	29.31	Pass	
5500	17.14	16.41	16.40	19.06	29.31	Pass	
5580	16.78	16.87	15.78	18.53	29.32	Pass	
5700	15.34	15.91	13.73	15.65	29.31	Pass	
802.11 n20 mode							
Frequency (MHz)	E.I.R.P. (dBm)					Result	
	Ant.1	Ant.2	Ant.3	Ant.4	Total		
5180	7.56	6.98	8.17	9.22	20.08	22.64	Pass
5200	7.47	7.28	7.79	8.77	19.89	22.64	Pass
5240	7.97	7.63	8.10	9.51	20.39	22.63	Pass
5260	16.48	15.88	16.02	16.96	28.38	29.57	Pass
5300	16.39	15.78	15.33	16.86	28.15	29.58	Pass
5320	16.05	15.50	15.05	16.99	27.98	29.58	Pass
5500	16.40	16.36	15.54	17.57	28.55	29.56	Pass
5580	15.93	16.22	14.88	17.60	28.29	29.58	Pass
5700	13.87	16.46	13.18	15.33	26.92	29.55	Pass
802.11 n40 mode							
Frequency (MHz)	E.I.R.P. (dBm)					Result	
	Ant.1	Ant.2	Ant.3	Ant.4	Total		
5190	10.49	9.12	9.62	9.79	21.80	23.00	Pass
5230	10.74	9.48	9.35	10.18	21.99	23.00	Pass
5270	16.80	16.27	16.51	17.81	28.91	30.00	Pass
5310	16.42	15.58	16.11	17.12	28.36	30.00	Pass
5510	16.79	17.63	16.49	16.95	29.01	30.00	Pass
5550	16.68	17.49	16.14	16.52	28.76	30.00	Pass
5670	15.52	16.48	14.66	16.28	27.81	30.00	Pass
802.11ac 20 mode							
Frequency (MHz)	E.I.R.P. (dBm)					Result	
	Ant.1	Ant.2	Ant.3	Ant.4	Total		
5180	7.50	8.54	8.12	7.90	20.05	22.63	Pass
5200	8.55	6.68	8.44	8.44	20.11	22.64	Pass
5240	9.06	7.42	8.30	8.48	20.37	22.63	Pass
5260	17.78	15.46	15.77	17.43	28.75	29.58	Pass
5300	17.61	15.23	15.45	17.27	28.54	29.57	Pass
5320	17.44	15.16	15.34	16.82	28.32	29.57	Pass
5500	17.39	16.78	15.59	16.72	28.69	29.54	Pass
5580	16.77	16.44	14.39	15.96	28.00	29.57	Pass
5700	15.16	15.32	14.10	15.13	26.97	29.55	Pass



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Frequency (MHz)	802.11ac 40 mode					Limit (dBm)	Result
	Ant.1	Ant.2	Ant.3	Ant.4	Total		
5190	10.81	9.47	9.84	9.58	21.98	23.00	Pass
5230	11.52	10.74	10.18	10.14	22.70	23.00	Pass
5270	11.77	16.37	16.24	16.97	27.77	30.00	Pass
5310	16.50	16.21	16.22	17.01	28.52	30.00	Pass
5510	17.03	17.86	16.70	17.72	29.37	30.00	Pass
5550	16.82	17.48	16.25	17.33	29.02	30.00	Pass
5670	15.41	16.70	14.58	16.47	27.89	30.00	Pass

Frequency (MHz)	802.11ac 80 mode					Limit (dBm)	Result
	Ant.1	Ant.2	Ant.3	Ant.4	Total		
5210	10.86	10.11	10.29	10.50	22.47	23.00	Pass
5290	16.96	16.51	16.60	17.24	28.86	30.00	Pass
5530	17.10	17.62	16.38	17.54	29.21	30.00	Pass

4. Maximum Power Spectral Density

4.1 Maximum conducted power spectral density

802.11a mode							
Frequency (MHz)	PSD				Limit	Result	
	Ant.1	Ant.2	Ant.3	Ant.4			
5180	1.57	0.73	0.99	2.63	11 dBm/MHz	Pass	
5200	1.57	0.83	1.01	2.87	11 dBm/MHz	Pass	
5240	2.16	1.15	1.19	2.94	11 dBm/MHz	Pass	
5260	2.31	1.33	1.66	3.42	11 dBm/MHz	Pass	
5300	2.44	1.52	0.84	3.02	11 dBm/MHz	Pass	
5320	1.78	1.07	0.58	2.97	11 dBm/MHz	Pass	
5500	1.74	1.19	1.17	3.96	11 dBm/MHz	Pass	
5580	1.36	1.52	0.49	3.23	11 dBm/MHz	Pass	
5600	1.42	1.48	0.45	3.29	11 dBm/MHz	Pass	
5700	0.03	0.63	-1.42	0.48	11 dBm/MHz	Pass	
5745	-0.62	0.48	-1.92	-0.19	30 dBm/500kHz	Pass	
5785	-0.90	-0.19	-2.17	-0.23	30 dBm/500kHz	Pass	
5825	-0.54	-0.61	-2.11	-0.26	30 dBm/500kHz	Pass	
802.11 n20 mode							
Frequency (MHz)	PSD				Limit	Result	
	Ant.1	Ant.2	Ant.3	Ant.4	Total		
5180	-7.45	-7.25	-6.53	-6.39	-0.86	7 dBm/MHz	Pass
5200	-7.57	-6.92	-6.61	-6.10	-0.75	7 dBm/MHz	Pass
5240	-7.06	-6.61	-6.36	-6.84	-0.69	7 dBm/MHz	Pass
5260	-0.08	-0.50	-0.41	-0.69	5.61	7 dBm/MHz	Pass
5300	-0.31	-0.78	-0.63	-1.23	5.30	7 dBm/MHz	Pass
5320	-0.18	-1.13	-0.61	-1.02	5.30	7 dBm/MHz	Pass
5500	0.14	-0.25	-0.16	-0.30	5.88	7 dBm/MHz	Pass
5580	-0.16	-1.67	-1.03	-1.11	5.06	7 dBm/MHz	Pass
5600	0.80	-0.99	-1.27	-0.93	5.50	7 dBm/MHz	Pass
5700	-1.00	-1.77	-1.89	-1.08	4.60	7 dBm/MHz	Pass
5745	-1.05	-0.12	-1.25	-0.17	5.40	26 dBm/500kHz	Pass
5785	-1.78	-0.08	-1.57	0.05	5.26	26 dBm/500kHz	Pass
5825	-1.94	-0.27	-3.10	0.48	5.03	26 dBm/500kHz	Pass
802.11 n40 mode							
Frequency (MHz)	PSD				Limit	Result	
	Ant.1	Ant.2	Ant.3	Ant.4	Total		
5190	-7.28	-8.19	-8.23	-7.95	-1.87	7 dBm/MHz	Pass
5230	-6.95	-7.72	-8.30	-7.60	-1.60	7 dBm/MHz	Pass
5270	-1.24	-1.11	-1.32	-0.16	5.09	7 dBm/MHz	Pass
5310	-1.46	-1.47	-1.79	-0.98	4.61	7 dBm/MHz	Pass
5510	0.17	-0.07	-0.45	-0.75	5.76	7 dBm/MHz	Pass
5550	-0.73	-0.18	-0.95	-1.06	5.30	7 dBm/MHz	Pass
5590	-0.62	-0.13	-1.46	-1.16	5.21	7 dBm/MHz	Pass
5670	-1.88	-1.29	-3.14	-1.58	4.10	7 dBm/MHz	Pass
5755	-3.90	-1.66	-4.45	-2.73	2.97	26 dBm/500kHz	Pass
5795	-4.35	-1.85	-4.98	-2.13	2.90	26 dBm/500kHz	Pass



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802.11ac 20 mode							
Frequency (MHz)	PSD					Limit	Result
	Ant.1	Ant.2	Ant.3	Ant.4	Total		
5180	-7.76	-6.55	-6.58	-6.83	-0.88	7 dBm/MHz	Pass
5200	-6.74	-8.25	-6.69	-6.17	-0.88	7 dBm/MHz	Pass
5240	-6.32	-7.61	-6.21	-6.16	-0.52	7 dBm/MHz	Pass
5260	0.20	-0.15	-0.15	-0.45	5.89	7 dBm/MHz	Pass
5300	0.65	-0.20	-0.34	-0.82	5.88	7 dBm/MHz	Pass
5320	0.54	0.14	-0.40	-0.71	5.94	7 dBm/MHz	Pass
5500	0.15	0.27	-0.35	-0.54	5.92	7 dBm/MHz	Pass
5580	0.34	-0.46	-0.92	-0.59	5.64	7 dBm/MHz	Pass
5600	-0.22	-1.09	0.16	-0.80	5.56	7 dBm/MHz	Pass
5700	-0.83	-0.53	-0.88	-1.08	5.20	7 dBm/MHz	Pass
5745	-0.43	-0.09	-2.09	-0.68	5.26	26 dBm/500kHz	Pass
5785	-0.90	-0.08	-2.76	0.21	5.28	26 dBm/500kHz	Pass
5825	-0.67	-0.01	-2.90	0.39	5.39	26 dBm/500kHz	Pass
802.11ac 40 mode							
Frequency (MHz)	PSD					Limit	Result
	Ant.1	Ant.2	Ant.3	Ant.4	Total		
5190	-6.99	-7.72	-7.89	-6.55	-1.23	7 dBm/MHz	Pass
5230	-6.63	-5.30	-7.28	-7.62	-0.59	7 dBm/MHz	Pass
5270	-0.88	-1.04	-1.26	-0.82	5.02	7 dBm/MHz	Pass
5310	-1.35	-1.44	-1.42	-0.86	4.76	7 dBm/MHz	Pass
5510	0.13	0.30	-0.17	0.04	6.10	7 dBm/MHz	Pass
5550	-0.57	-0.05	-0.81	-0.35	5.58	7 dBm/MHz	Pass
5590	-0.57	-0.24	-1.48	-0.32	5.40	7 dBm/MHz	Pass
5670	-2.14	-1.35	-3.16	-1.25	4.11	7 dBm/MHz	Pass
5755	-4.34	-1.64	-4.76	-2.51	2.90	26 dBm/500kHz	Pass
5795	-4.49	-1.91	-5.41	-2.81	2.58	26 dBm/500kHz	Pass
802.11ac 80 mode							
Frequency (MHz)	PSD					Limit	Result
	Ant.1	Ant.2	Ant.3	Ant.4	Total		
5210	-9.10	-10.25	-10.00	-9.53	-3.68	7 dBm/MHz	Pass
5290	-3.43	-3.83	-4.29	-3.35	2.31	7 dBm/MHz	Pass
5530	-2.86	-2.70	-3.86	-3.10	2.91	7 dBm/MHz	Pass
5610	-4.03	-3.10	-4.92	-3.19	2.27	7 dBm/MHz	Pass
5775	-6.94	-5.13	-7.48	-5.32	-0.08	26 dBm/500kHz	Pass

4.1 Maximum e.i.r.p. spectral density for Band 1

802.11a mode						
Frequency (MHz)	PSD				Limit	Result
	Ant.1	Ant.2	Ant.3	Ant.4		
5180	5.57	4.73	4.99	6.63	10 dBm/MHz	Pass
5200	5.57	4.83	5.01	6.87	10 dBm/MHz	Pass
5240	6.16	5.15	5.19	6.94	10 dBm/MHz	Pass
802.11 n20 mode						
Frequency (MHz)	PSD					Result
	Ant.1	Ant.2	Ant.3	Ant.4	Total	
5180	-3.45	-3.25	-2.53	-2.39	9.14	10 dBm/MHz
5200	-3.57	-2.92	-2.61	-2.10	9.25	10 dBm/MHz
5240	-3.06	-2.61	-2.36	-2.84	9.31	10 dBm/MHz
802.11 n40 mode						
Frequency (MHz)	PSD					Result
	Ant.1	Ant.2	Ant.3	Ant.4	Total	
5190	-3.28	-4.19	-4.23	-3.95	8.13	10 dBm/MHz
5230	-2.95	-3.72	-4.30	-3.60	8.40	10 dBm/MHz
802.11ac 20 mode						
Frequency (MHz)	PSD					Result
	Ant.1	Ant.2	Ant.3	Ant.4	Total	
5180	-3.76	-2.55	-2.58	-2.83	9.12	10 dBm/MHz
5200	-2.74	-4.25	-2.69	-2.17	9.12	10 dBm/MHz
5240	-2.32	-3.61	-2.21	-2.16	9.48	10 dBm/MHz
802.11ac 40 mode						
Frequency (MHz)	PSD					Result
	Ant.1	Ant.2	Ant.3	Ant.4	Total	
5190	-2.99	-3.72	-3.89	-2.55	8.77	10 dBm/MHz
5230	-2.63	-1.30	-3.28	-3.62	9.41	10 dBm/MHz
802.11ac 80 mode						
Frequency (MHz)	PSD					Result
	Ant.1	Ant.2	Ant.3	Ant.4	Total	
5210	-5.10	-6.25	-6.00	-5.53	6.32	10 dBm/MHz













































