Mode 8: Transmit by 802.11ax(40MHz) with CDD by ant0+1						
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1			
CH38	5190	17.27	17.32	17.27	30.00	Pass
CH46	5230	17.12	16.94	17.12	30.00	Pass
CH54	5270	15.77	15.60	18.70	24.00	Pass
CH62	5310	16.30	15.95	19.14	24.00	Pass
CH102	5510	18.70	18.61	21.67	24.00	Pass
CH110	5550	18.50	18.10	21.31	24.00	Pass
CH134	5670	18.99	18.76	21.89	24.00	Pass
CH142	5710	18.73	18.78	21.77	24.00	Pass
CH151	5755	21.13	20.81	21.13	30.00	Pass
CH159	5795	20.93	20.71	20.93	30.00	Pass

Mode 8: Transmit by 802.11ax(40MHz) with CDD by ant0+1							
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1				
54	5270	15.27	15.10	5.5	23.70	30.00	Pass
62	5310	15.80	15.45	5.5	24.14	30.00	Pass
102	5510	18.20	18.11	5.5	26.67	30.00	Pass
110	5550	18.00	17.60	5.5	26.31	30.00	Pass
134	5670	18.49	18.26	5.5	26.89	30.00	Pass
142	5710	15.27	15.10	5.5	23.70	30.00	Pass

Mode 8: Transmit by 802.11ax(40MHz) with CDD by ant0+1+2+3								
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3			
CH38	5190	12.97	12.28	13.19	12.52	18.78	30.00	Pass
CH46	5230	12.63	12.24	13.00	13.16	18.79	30.00	Pass
CH54	5270	13.06	11.77	12.35	12.83	18.55	24.00	Pass
CH62	5310	13.08	12.20	12.41	12.82	18.66	24.00	Pass
CH102	5510	14.06	13.70	13.07	11.70	19.24	24.00	Pass
CH110	5550	14.16	13.75	13.73	12.28	19.56	24.00	Pass
CH134	5670	14.08	13.60	13.95	13.68	19.85	24.00	Pass
CH142	5710	14.29	13.69	13.76	13.37	19.81	24.00	Pass
CH151	5755	18.44	18.68	19.39	18.79	24.86	30.00	Pass
CH159	5795	19.38	19.13	20.38	18.95	25.52	30.00	Pass

Mode 8: Transmit by 802.11ax(40MHz) with CDD by ant0+1+2+3									
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3				
54	5270	13.06	11.77	12.35	12.83	5.5	24.05	30.00	Pass
62	5310	13.08	12.20	12.41	12.82	5.5	24.16	30.00	Pass
102	5510	14.06	13.70	13.07	11.70	5.5	24.74	30.00	Pass
110	5550	14.16	13.75	13.73	12.28	5.5	25.06	30.00	Pass
134	5670	14.08	13.60	13.95	13.68	5.5	25.35	30.00	Pass
142	5710	14.29	13.69	13.76	13.37	5.5	25.31	30.00	Pass

Mode 9: Transmit by 802.11ax(80MHz) with CDD by ant0+1						
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1			
CH42	5210	17.33	17.12	17.33	30.00	Pass
CH58	5290	16.06	16.02	19.05	24.00	Pass
CH106	5530	15.21	15.53	18.38	24.00	Pass
CH138	5690	15.60	15.17	18.40	24.00	Pass
CH155	5775	19.39	19.41	19.39	30.00	Pass

Mode 9: Transmit by 802.11ax(80MHz) with CDD by ant0+1							
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1				
58	5290	16.06	16.02	5.5	24.55	30.00	Pass
106	5530	15.21	15.53	5.5	23.88	30.00	Pass
138	5690	15.60	15.17	5.5	23.90	30.00	Pass

Mode 9: Transmit by 802.11ax(80MHz) with CDD by ant0+1+2+3								
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3			
CH42	5210	11.36	11.78	12.28	11.58	17.78	30.00	Pass
CH58	5290	11.82	11.03	11.70	11.99	17.67	24.00	Pass
CH106	5530	12.61	11.87	12.12	10.30	17.83	24.00	Pass
CH138	5690	13.10	11.50	12.12	10.59	17.94	24.00	Pass
CH155	5775	15.33	14.82	14.21	14.58	20.77	30.00	Pass

Mode 9: Transmit by 802.11ax(80MHz) with CDD by ant0+1+2+3									
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3				
58	5290	11.82	11.03	11.70	11.99	5.5	23.17	30.00	Pass
106	5530	12.61	11.87	12.12	10.30	5.5	23.33	30.00	Pass
138	5690	13.10	11.50	12.12	10.59	5.5	23.44	30.00	Pass

Mode 10: Transmit by 802.11ax(160MHz) with CDD by ant0+1						
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1			
CH50	5250	15.21	15.15	18.19	24.00	Pass
CH144	5570	15.79	15.69	18.75	24.00	Pass

Mode 10: Transmit by 802.11ax(160MHz) with CDD by ant0+1							
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1				
50	5250	15.21	15.15	5.5	23.69	24	Pass
114	5570	15.79	15.69	5.5	24.25	30	Pass

Mode 10: Transmit by 802.11ax(160MHz) with CDD by ant0+1+2+3								
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3			
CH50	5250	12.11	11.57	11.85	11.36	17.75	24.00	Pass
CH144	5570	11.16	10.77	11.78	10.70	17.14	24.00	Pass

Mode 10: Transmit by 802.11ax(160MHz) with CDD by ant0+1+2+3									
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3				
50	5250	12.11	11.57	11.85	11.36	5.5	23.25	24	Pass
114	5570	11.16	10.77	11.78	10.70	5.5	22.64	30	Pass

Mode 11: Transmit by 802.11a with Beam-forming by ant0+1						
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1			
CH36	5180	18.28	17.36	20.85	27.5	Pass
CH44	5200	17.86	17.61	20.75	27.5	Pass
CH48	5240	18.18	17.95	21.08	27.5	Pass
CH52	5260	14.65	14.38	17.53	21.5	Pass
CH60	5300	14.87	14.93	17.91	21.5	Pass
CH64	5320	15.01	14.39	17.72	21.5	Pass
CH100	5500	15.15	14.92	18.05	21.5	Pass
CH116	5580	14.94	14.65	17.81	21.5	Pass
CH140	5700	14.96	15.09	18.04	21.5	Pass
CH144	5720	14.94	14.57	17.77	21.5	Pass
CH149	5745	20.16	20.04	23.11	27.5	Pass
CH157	5785	20.07	20.45	23.27	27.5	Pass
CH165	5825	20.18	20.22	23.21	27.5	Pass

Mode 11: Transmit by 802.11a with Beam-forming by ant0+1							
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1				
52	5260	14.65	14.38	8.5	26.03	30.00	Pass
60	5300	14.87	14.93	8.5	26.41	30.00	Pass
64	5320	15.01	14.39	8.5	26.22	30.00	Pass
100	5500	15.15	14.92	8.5	26.55	30.00	Pass
116	5580	14.94	14.65	8.5	26.31	30.00	Pass
140	5700	14.96	15.09	8.5	26.54	30.00	Pass
144	5720	14.94	14.57	8.5	26.27	30.00	Pass

Mode 11: Transmit by 802.11a with Beam-forming by ant0+1+2+3								
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3			
CH36	5180	15.75	15.18	15.45	14.83	21.34	24.5	Pass
CH44	5200	15.32	15.51	15.38	15.48	21.44	24.5	Pass
CH48	5240	15.22	15.75	15.52	15.34	21.48	24.5	Pass
CH52	5260	8.97	8.6	9.42	9.29	15.10	18.5	Pass
CH60	5300	8.85	8.44	9.28	8.96	14.91	18.5	Pass
CH64	5320	9.07	8.57	8.75	9.11	14.90	18.5	Pass
CH100	5500	8.35	8.27	8.69	9.56	14.77	18.5	Pass
CH116	5580	7.21	7.58	8.58	9.71	14.40	18.5	Pass
CH140	5700	8.51	8.44	9.52	8.99	14.91	18.5	Pass
CH144	5720	8.36	8.58	9.31	9.51	14.99	18.5	Pass
CH149	5745	18.26	17.83	17.90	17.90	24.00	24.5	Pass
CH157	5785	17.82	17.90	17.98	18.08	23.97	24.5	Pass
CH165	5825	18.12	17.84	17.76	17.99	23.95	24.5	Pass

Mode 11: Transmit by 802.11a with Beam-forming by ant0+1+2+3									
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3				
52	5260	8.97	8.6	9.42	9.29	11.5	26.60	30.00	Pass
60	5300	8.85	8.44	9.28	8.96	11.5	26.41	30.00	Pass
64	5320	9.07	8.57	8.75	9.11	11.5	26.40	30.00	Pass
100	5500	8.35	8.27	8.69	9.56	11.5	26.27	30.00	Pass
116	5580	7.21	7.58	8.58	9.71	11.5	25.90	30.00	Pass
140	5700	8.51	8.44	9.52	8.99	11.5	26.41	30.00	Pass
144	5720	8.36	8.58	9.31	9.51	11.5	26.49	30.00	Pass

Mode 12: Transmit by 802.11n(20MHz) with Beam-forming by ant0+1						
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1			
CH36	5180	18.22	17.95	21.10	27.5	Pass
CH44	5220	18.05	18.05	21.06	27.5	Pass
CH48	5240	18.22	18.09	21.17	27.5	Pass
CH52	5260	14.84	14.51	17.69	21.5	Pass
CH60	5300	15.16	14.60	17.90	21.5	Pass
CH64	5320	15.11	15.09	18.11	21.5	Pass
CH100	5500	15.01	15.09	18.06	21.5	Pass
CH116	5580	14.74	14.71	17.74	21.5	Pass
CH140	5700	15.05	14.97	18.02	21.5	Pass
CH144	5720	14.94	14.87	17.92	21.5	Pass
CH149	5745	20.28	20.40	23.35	27.5	Pass
CH157	5785	20.47	20.28	23.39	27.5	Pass
CH165	5825	20.33	20.13	23.24	27.5	Pass

Mode 12: Transmit by 802.11n(20MHz) with Beam-forming by ant0+1							
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1				
52	5260	14.84	14.51	8.5	26.19	30	Pass
60	5300	15.16	14.60	8.5	26.40	30	Pass
64	5320	15.11	15.09	8.5	26.61	30	Pass
100	5500	15.01	15.09	8.5	26.56	30	Pass
116	5580	14.74	14.71	8.5	26.24	30	Pass
140	5700	15.05	14.97	8.5	26.52	30	Pass
144	5720	14.94	14.87	8.5	26.42	30	Pass

Mode 12: Transmit by 802.11n(20MHz) with Beam-forming by ant0+1+2+3								
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3			
CH36	5180	15.43	14.40	15.33	15.04	21.09	24.5	Pass
CH44	5200	15.33	14.47	15.45	15.57	21.25	24.5	Pass
CH48	5240	15.23	14.39	15.82	15.33	21.24	24.5	Pass
CH52	5260	8.98	9.08	8.79	8.83	14.94	18.5	Pass
CH60	5300	8.53	8.77	8.51	8.43	14.58	18.5	Pass
CH64	5320	9.02	9.26	9.13	9.52	15.26	18.5	Pass
CH100	5500	8.40	8.31	8.41	9.25	14.63	18.5	Pass
CH116	5580	8.28	8.01	8.65	9.01	14.52	18.5	Pass
CH140	5700	9.02	8.79	9.87	9.21	15.26	18.5	Pass
CH144	5720	9.15	8.80	9.49	9.08	15.16	18.5	Pass
CH149	5745	17.96	17.94	18.27	18.27	24.13	24.5	Pass
CH157	5785	17.86	17.80	18.08	17.65	23.87	24.5	Pass
CH165	5825	17.74	18.25	18.31	17.32	23.94	24.5	Pass

Mode 12: Transmit by 802.11n(20MHz) with Beam-forming by ant0+1+2+3									
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3				
52	5260	8.98	9.08	8.79	8.83	11.5	26.44	30	Pass
60	5300	8.53	8.77	8.51	8.43	11.5	26.08	30	Pass
64	5320	9.02	9.26	9.13	9.52	11.5	26.76	30	Pass
100	5500	8.40	8.31	8.41	9.25	11.5	26.13	30	Pass
116	5580	8.28	8.01	8.65	9.01	11.5	26.02	30	Pass
140	5700	9.02	8.79	9.87	9.21	11.5	26.76	30	Pass
144	5720	9.15	8.80	9.49	9.08	11.5	26.66	30	Pass

Mode 13: Transmit by 802.11n(40MHz) with Beam-forming by ant0+1						
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1			
CH38	5190	16.47	16.46	19.48	27.5	Pass
CH46	5230	16.45	16.57	19.52	27.5	Pass
CH54	5270	12.68	12.20	15.46	21.5	Pass
CH62	5310	12.79	12.29	15.56	21.5	Pass
CH102	5510	14.73	14.56	17.66	21.5	Pass
CH110	5550	14.62	14.72	17.68	21.5	Pass
CH134	5670	15.00	15.05	18.04	21.5	Pass
CH142	5710	14.99	15.00	18.01	21.5	Pass
CH151	5755	20.23	19.88	23.07	27.5	Pass
CH159	5795	19.89	19.95	22.93	27.5	Pass

Mode 13: Transmit by 802.11n(40MHz) with Beam-forming by ant0+1							
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1				
54	5270	12.68	12.20	8.5	23.96	30	Pass
62	5310	12.79	12.29	8.5	24.06	30	Pass
102	5510	14.73	14.56	8.5	26.16	30	Pass
110	5550	14.62	14.72	8.5	26.18	30	Pass
134	5670	15.00	15.05	8.5	26.54	30	Pass
142	5710	14.99	15.00	8.5	26.51	30	Pass

Mode 13: Transmit by 802.11n(40MHz) with Beam-forming by ant0+1+2+3								
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3			
CH38	5190	18.13	17.74	18.30	18.14	24.10	24.5	Pass
CH46	5230	17.91	17.60	18.06	17.62	23.82	24.5	Pass
CH54	5270	9.01	9.09	9.32	8.04	14.91	18.5	Pass
CH62	5310	9.71	8.46	9.12	9.56	15.26	18.5	Pass
CH102	5510	9.11	8.91	9.38	9.30	15.20	18.5	Pass
CH110	5550	9.11	8.90	9.17	9.35	15.16	18.5	Pass
CH134	5670	9.51	8.62	9.00	9.01	15.07	18.5	Pass
CH142	5710	9.08	8.85	9.06	8.54	14.91	18.5	Pass
CH151	5755	18.22	17.60	17.97	18.22	24.03	24.5	Pass
CH159	5795	17.93	17.91	18.37	18.34	24.16	24.5	Pass

Mode 13: Transmit by 802.11n(40MHz) with Beam-forming by ant0+1+2+3									
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3				
54	5270	9.01	9.09	9.32	8.04	11.5	26.41	30	Pass
62	5310	9.71	8.46	9.12	9.56	11.5	26.76	30	Pass
102	5510	9.11	8.91	9.38	9.30	11.5	26.70	30	Pass
110	5550	9.11	8.90	9.17	9.35	11.5	26.66	30	Pass
134	5670	9.51	8.62	9.00	9.01	11.5	26.57	30	Pass
142	5710	9.08	8.85	9.06	8.54	11.5	26.41	30	Pass

Mode 14: Transmit by 802.11ac(20MHz) with Beam-forming by ant0+1						
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1			
CH36	5180	17.91	18.00	20.97	27.5	Pass
CH44	5200	18.19	17.83	21.02	27.5	Pass
CH48	5240	18.04	18.21	21.14	27.5	Pass
CH52	5260	14.75	14.88	17.83	21.5	Pass
CH60	5300	14.71	14.90	17.82	21.5	Pass
CH64	5320	14.91	14.46	17.70	21.5	Pass
CH100	5500	14.79	14.78	17.80	21.5	Pass
CH116	5580	14.90	14.44	17.69	21.5	Pass
CH140	5700	14.95	14.95	17.96	21.5	Pass
CH144	5720	14.66	15.25	17.98	21.5	Pass
CH149	5745	20.20	20.28	23.25	27.5	Pass
CH157	5785	20.16	20.66	23.43	27.5	Pass
CH165	5825	20.88	20.62	23.76	27.5	Pass

Mode 14: Transmit by 802.11ac(20MHz) with Beam-forming by ant0+1							
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1				
52	5260	14.75	14.88	8.5	26.33	30	Pass
60	5300	14.71	14.90	8.5	26.32	30	Pass
64	5320	14.91	14.46	8.5	26.20	30	Pass
100	5500	14.79	14.78	8.5	26.30	30	Pass
116	5580	14.90	14.44	8.5	26.19	30	Pass
140	5700	14.95	14.95	8.5	26.46	30	Pass
144	5720	14.66	15.25	8.5	26.48	30	Pass

Mode 14: Transmit by 802.11ac(20MHz) with Beam-forming by ant0+1+2+3								
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3			
CH36	5180	15.60	14.74	15.57	14.95	21.25	24.5	Pass
CH44	5200	14.90	14.41	15.44	15.04	20.98	24.5	Pass
CH48	5240	15.07	14.82	15.12	15.36	21.12	24.5	Pass
CH52	5260	9.33	8.96	9.75	9.40	15.39	18.5	Pass
CH60	5300	8.97	8.67	9.57	9.17	15.13	18.5	Pass
CH64	5320	8.97	8.80	9.56	9.42	15.22	18.5	Pass
CH100	5500	9.01	8.11	9.28	9.82	15.12	18.5	Pass
CH116	5580	9.01	-1.29	10.27	9.43	14.49	18.5	Pass
CH140	5700	8.92	8.70	9.37	9.57	15.17	18.5	Pass
CH144	5720	9.17	8.79	9.29	9.37	15.18	18.5	Pass
CH149	5745	18.28	18.30	18.01	18.38	24.27	24.5	Pass
CH157	5785	18.25	18.43	18.03	17.37	24.06	24.5	Pass
CH165	5825	18.73	18.10	18.50	17.98	24.36	24.5	Pass

Mode 14: Transmit by 802.11ac(20MHz) with Beam-forming by ant0+1+2+3									
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3				
52	5260	9.33	8.96	9.75	9.40	11.5	26.89	30	Pass
60	5300	8.97	8.67	9.57	9.17	11.5	26.63	30	Pass
64	5320	8.97	8.80	9.56	9.42	11.5	26.72	30	Pass
100	5500	9.01	8.11	9.28	9.82	11.5	26.62	30	Pass
116	5580	9.01	-1.29	10.27	9.43	11.5	25.99	30	Pass
140	5700	8.92	8.70	9.37	9.57	11.5	26.67	30	Pass
144	5720	9.17	8.79	9.29	9.37	11.5	26.68	30	Pass

Mode 15: Transmit by 802.11ac(40MHz) with Beam-forming by ant0+1						
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1			
CH38	5190	16.78	16.28	19.55	27.5	Pass
CH46	5230	16.79	16.99	19.90	27.5	Pass
CH54	5270	15.13	15.33	18.24	21.5	Pass
CH62	5310	16.06	15.59	18.84	21.5	Pass
CH102	5510	18.02	18.14	21.09	21.5	Pass
CH110	5550	18.09	17.75	20.93	21.5	Pass
CH134	5670	18.43	17.82	21.15	21.5	Pass
CH142	5710	18.15	17.95	21.06	21.5	Pass
CH151	5755	20.17	20.08	23.14	27.5	Pass
CH159	5795	20.61	19.88	23.27	27.5	Pass

Mode 15: Transmit by 802.11ac(40MHz) with Beam-forming by ant0+1							
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1				
54	5270	15.13	15.33	8.5	26.31	30	Pass
62	5310	16.06	15.59	8.5	26.74	30	Pass
102	5510	18.02	18.14	8.5	26.58	30	Pass
110	5550	18.09	17.75	8.5	26.34	30	Pass
134	5670	18.43	17.82	8.5	26.77	30	Pass
142	5710	18.15	17.95	8.5	26.51	30	Pass

Mode 15: Transmit by 802.11ac(40MHz) with Beam-forming by ant0+1+2+3								
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3			
CH38	5190	12.16	11.46	12.95	11.93	18.18	24.5	Pass
CH46	5230	11.94	11.51	12.47	12.34	18.10	24.5	Pass
CH54	5270	8.98	8.48	9.12	9.29	15.00	18.5	Pass
CH62	5310	9.53	8.88	9.20	9.61	15.34	18.5	Pass
CH102	5510	8.73	8.56	9.24	9.75	15.12	18.5	Pass
CH110	5550	8.71	8.24	9.37	8.90	14.84	18.5	Pass
CH134	5670	8.94	8.49	9.73	9.25	15.15	18.5	Pass
CH142	5710	9.33	8.56	9.73	9.44	15.31	18.5	Pass
CH151	5755	18.09	17.89	18.41	18.30	24.20	24.5	Pass
CH159	5795	18.06	17.07	18.91	18.15	24.12	24.5	Pass

Mode 15: Transmit by 802.11ac(40MHz) with Beam-forming by ant0+1+2+3									
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3				
54	5270	8.98	8.48	9.12	9.29	11.5	26.50	30	Pass
62	5310	9.53	8.88	9.20	9.61	11.5	26.84	30	Pass
102	5510	8.73	8.56	9.24	9.75	11.5	26.62	30	Pass
110	5550	8.71	8.24	9.37	8.90	11.5	26.34	30	Pass
134	5670	8.94	8.49	9.73	9.25	11.5	26.65	30	Pass
142	5710	9.33	8.56	9.73	9.44	11.5	26.81	30	Pass

Mode 16: Transmit by 802.11ac(80MHz) with Beam-forming by ant0+1						
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1			
CH42	5210	16.29	16.33	19.32	27.5	Pass
CH58	5290	15.65	14.83	18.27	21.5	Pass
CH106	5530	14.32	14.57	17.46	21.5	Pass
CH138	5690	14.39	15.32	17.89	21.5	Pass
CH155	5775	18.73	18.16	21.46	27.5	Pass

Mode 16: Transmit by 802.11ac(80MHz) with Beam-forming by ant0+1							
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1				
58	5290	15.65	14.83	8.5	26.77	30	Pass
106	5530	14.32	14.57	8.5	25.96	30	Pass
138	5690	14.39	15.32	8.5	26.39	30	Pass

Mode 16: Transmit by 802.11ac(80MHz) with Beam-forming by ant0+1+2+3								
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3			
CH42	5210	12.17	11.58	11.99	11.62	17.87	24.5	Pass
CH58	5290	8.18	7.49	7.58	7.88	13.81	18.5	Pass
CH106	5530	8.99	7.58	8.49	6.99	14.10	18.5	Pass
CH138	5690	8.90	7.45	8.27	8.12	14.24	18.5	Pass
CH155	5775	15.48	14.43	15.92	14.28	21.10	24.5	Pass

Mode 16: Transmit by 802.11ac(80MHz) with Beam-forming by ant0+1+2+3									
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3				
58	5290	8.18	7.49	7.58	7.88	11.5	26.43	30	Pass
106	5530	8.99	7.58	8.49	6.99	11.5	26.05	30	Pass
138	5690	8.90	7.45	8.27	8.12	11.5	26.10	30	Pass

Mode 17: Transmit by 802.11ax(20MHz) with Beam-forming by ant0+1						
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1			
CH36	5180	17.51	17.07	20.31	27.5	Pass
CH44	5200	17.91	17.31	20.63	27.5	Pass
CH48	5240	17.97	17.99	20.99	27.5	Pass
CH52	5260	14.60	14.51	17.57	21.5	Pass
CH60	5300	14.24	14.69	17.48	21.5	Pass
CH64	5320	14.70	14.58	17.65	21.5	Pass
CH100	5500	14.82	15.09	17.97	21.5	Pass
CH116	5580	14.98	14.55	17.78	21.5	Pass
CH140	5700	14.88	15.09	18.00	21.5	Pass
CH144	5720	14.90	15.04	17.98	21.5	Pass
CH149	5745	20.54	20.57	23.57	27.5	Pass
CH157	5785	20.46	20.02	23.26	27.5	Pass
CH165	5825	20.06	20.41	23.25	27.5	Pass

Mode 17: Transmit by 802.11ax(20MHz) with Beam-forming by ant0+1							
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1				
52	5260	14.60	14.51	8.5	26.07	30	Pass
60	5300	14.24	14.69	8.5	25.98	30	Pass
64	5320	14.70	14.58	8.5	26.15	30	Pass
100	5500	14.82	15.09	8.5	26.47	30	Pass
116	5580	14.98	14.55	8.5	26.28	30	Pass
140	5700	14.88	15.09	8.5	26.50	30	Pass
144	5720	14.90	15.04	8.5	26.48	30	Pass

Mode 17: Transmit by 802.11ax(20MHz) with Beam-forming by ant0+1+2+3								
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3			
CH36	5180	14.49	14.96	15.26	14.51	20.84	24.5	Pass
CH44	5200	14.66	14.65	15.12	15.01	20.89	24.5	Pass
CH48	5240	14.20	14.52	15.30	15.12	20.83	24.5	Pass
CH52	5260	8.63	8.91	9.63	9.54	15.22	18.5	Pass
CH60	5300	8.78	8.74	9.36	9.91	15.24	18.5	Pass
CH64	5320	8.96	8.92	9.43	9.73	15.29	18.5	Pass
CH100	5500	9.13	7.96	9.19	10.12	15.19	18.5	Pass
CH116	5580	8.78	8.00	9.35	10.05	15.13	18.5	Pass
CH140	5700	8.77	8.69	9.56	9.18	15.08	18.5	Pass
CH144	5720	8.89	9.33	9.16	9.10	15.14	18.5	Pass
CH149	5745	17.99	18.14	18.18	18.03	24.11	24.5	Pass
CH157	5785	18.15	17.65	18.47	17.67	24.02	24.5	Pass
CH165	5825	17.11	17.25	18.35	17.52	23.61	24.5	Pass

Mode 17: Transmit by 802.11ax(20MHz) with Beam-forming by ant0+1+2+3									
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3				
52	5260	8.63	8.91	9.63	9.54	11.5	26.72	30	Pass
60	5300	8.78	8.74	9.36	9.91	11.5	26.74	30	Pass
64	5320	8.96	8.92	9.43	9.73	11.5	26.79	30	Pass
100	5500	9.13	7.96	9.19	10.12	11.5	26.69	30	Pass
116	5580	8.78	8.00	9.35	10.05	11.5	26.63	30	Pass
140	5700	8.77	8.69	9.56	9.18	11.5	26.58	30	Pass
144	5720	8.89	9.33	9.16	9.10	11.5	26.64	30	Pass

Mode 18: Transmit by 802.11ax(40MHz) with Beam-forming by ant0+1						
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1			
CH38	5190	16.35	16.16	19.27	27.5	Pass
CH46	5230	15.82	16.21	19.03	27.5	Pass
CH54	5270	15.09	15.21	18.16	21.5	Pass
CH62	5310	15.31	15.10	18.22	21.5	Pass
CH102	5510	14.67	14.94	17.82	21.5	Pass
CH110	5550	14.26	14.67	17.48	21.5	Pass
CH134	5670	15.32	15.04	18.19	21.5	Pass
CH142	5710	15.44	14.84	18.16	21.5	Pass
CH151	5755	20.29	19.78	23.05	27.5	Pass
CH159	5795	20.27	19.60	22.96	27.5	Pass

Mode 18: Transmit by 802.11ax(40MHz) with Beam-forming by ant0+1							
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1				
54	5270	15.09	15.21	8.5	26.66	30	Pass
62	5310	15.31	15.10	8.5	26.72	30	Pass
102	5510	14.67	14.94	8.5	26.32	30	Pass
110	5550	14.26	14.67	8.5	25.98	30	Pass
134	5670	15.32	15.04	8.5	26.69	30	Pass
142	5710	15.44	14.84	8.5	26.66	30	Pass

Mode 18: Transmit by 802.11ax(40MHz) with Beam-forming by ant0+1+2+3								
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3			
CH38	5190	12.60	11.85	13.31	12.96	18.73	24.5	Pass
CH46	5230	12.36	11.92	12.56	13.21	18.56	24.5	Pass
CH54	5270	9.04	8.54	8.68	8.96	14.83	18.5	Pass
CH62	5310	8.90	7.48	8.13	8.49	14.30	18.5	Pass
CH102	5510	8.71	8.55	9.18	8.99	14.88	18.5	Pass
CH110	5550	8.95	8.56	9.04	9.06	14.93	18.5	Pass
CH134	5670	9.38	8.63	8.74	8.89	14.94	18.5	Pass
CH142	5710	8.89	8.56	8.77	8.33	14.66	18.5	Pass
CH151	5755	17.88	17.90	18.31	18.21	24.10	24.5	Pass
CH159	5795	18.10	17.63	18.36	18.22	24.11	24.5	Pass

Mode 18: Transmit by 802.11ax(40MHz) with Beam-forming by ant0+1+2+3									
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3				
54	5270	9.04	8.54	8.68	8.96	11.5	26.33	30	Pass
62	5310	8.90	7.48	8.13	8.49	11.5	25.80	30	Pass
102	5510	8.71	8.55	9.18	8.99	11.5	26.38	30	Pass
110	5550	8.95	8.56	9.04	9.06	11.5	26.43	30	Pass
134	5670	9.38	8.63	8.74	8.89	11.5	26.44	30	Pass
142	5710	8.89	8.56	8.77	8.33	11.5	26.16	30	Pass

Mode 19: Transmit by 802.11ax(80MHz) with Beam-forming by ant0+1						
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1			
CH42	5210	16.13	16.56	19.36	27.5	Pass
CH58	5290	14.94	15.15	18.06	21.5	Pass
CH106	5530	14.47	14.50	17.50	21.5	Pass
CH138	5690	14.39	14.73	17.57	21.5	Pass
CH155	5775	18.53	18.17	21.36	27.5	Pass

Mode 19: Transmit by 802.11ax(80MHz) with Beam-forming by ant0+1							
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1				
58	5290	14.94	15.15	8.5	26.56	30	Pass
106	5530	14.47	14.50	8.5	26.00	30	Pass
138	5690	14.39	14.73	8.5	26.07	30	Pass

Mode 19: Transmit by 802.11ax(80MHz) with Beam-forming by ant0+1+2+3								
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3			
CH42	5210	11.32	11.12	12.43	11.48	17.64	24.5	Pass
CH58	5290	8.43	8.14	8.36	8.21	14.31	18.5	Pass
CH106	5530	9.34	8.30	9.24	8.67	14.93	18.5	Pass
CH138	5690	9.34	8.63	8.92	8.95	14.99	18.5	Pass
CH155	5775	14.97	14.42	14.76	14.51	20.69	24.5	Pass

Mode 19: Transmit by 802.11ax(80MHz) with Beam-forming by ant0+1+2+3									
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3				
58	5290	8.43	8.14	8.36	8.21	11.5	25.81	30	Pass
106	5530	9.34	8.30	9.24	8.67	11.5	26.43	30	Pass
138	5690	9.34	8.63	8.92	8.95	11.5	26.49	30	Pass

Mode 20: Transmit by 802.11ax(160MHz) with Beam-forming by ant0+1						
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1			
CH50	5250	14.50	14.50	17.51	21.5	Pass
CH144	5570	14.68	15.03	17.87	21.5	Pass

Mode 20: Transmit by 802.11ax(160MHz) with Beam-forming by ant0+1							
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1				
50	5250	14.50	14.50	8.5	26.01	30	Pass
114	5570	14.68	15.03	8.5	26.37	30	Pass

Mode 20: Transmit by 802.11ax(160MHz) with Beam-forming by ant0+1+2+3								
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3			
CH50	5250	9.06	8.71	8.47	8.64	14.75	18.5	Pass
CH144	5570	8.47	8.25	8.24	8.37	14.35	18.5	Pass

Mode 20: Transmit by 802.11ax(160MHz) with Beam-forming by ant0+1+2+3									
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3				
50	5250	9.06	8.71	8.47	8.64	11.5	26.25	30	Pass
114	5570	8.47	8.25	8.24	8.37	11.5	25.85	30	Pass

For IC Requirement:

2*TX+2*RX-CDD:

Mode	Channel	Test Frequency (MHz)	Average Power Output (dBm)		E.I.R.P (dBm)	Directional Gain (dBi)	Limit (dBm)	Result
			Ant 1	Ant 2				
1	CH36	5180	**11.88**	**11.14**	**20.04**	5.5	23	Pass
1	CH44	5220	**12.14**	**11.09**	**20.16**	5.5	23	Pass
1	CH48	5240	**10.53**	**10.94**	**19.25**	5.5	23	Pass
2	CH36	5180	**11.23**	**10.98**	**19.62**	5.5	23	Pass
2	CH44	5220	**11.91**	**11.89**	**20.41**	5.5	23	Pass
2	CH48	5240	**12.16**	**10.33**	**19.85**	5.5	23	Pass
3	CH38	5190	**14.16**	**12.94**	**22.10**	5.5	23	Pass
3	CH46	5230	**13.32**	**13.41**	**21.88**	5.5	23	Pass
4	CH36	5180	**12.28**	**11.96**	**20.63**	5.5	23	Pass
4	CH44	5220	**12.79**	**11.73**	**20.80**	5.5	23	Pass
4	CH48	5240	**12.06**	**12.09**	**20.59**	5.5	23	Pass
5	CH38	5190	**13.38**	**12.49**	**21.47**	5.5	23	Pass
5	CH46	5230	**14.27**	**13.68**	**22.50**	5.5	23	Pass
6	CH42	5210	**12.54**	**12.98**	**21.28**	5.5	23	Pass
7	CH36	5180	**13.05**	**12.49**	**21.29**	5.5	23	Pass
7	CH44	5220	**12.38**	**12.46**	**20.93**	5.5	23	Pass
7	CH48	5240	**12.90**	**11.88**	**20.93**	5.5	23	Pass
8	CH38	5190	**14.07**	**13.24**	**22.19**	5.5	23	Pass
8	CH46	5230	**12.83**	**12.36**	**21.11**	5.5	23	Pass
9	CH42	5210	**13.90**	**12.52**	**21.77**	5.5	23	Pass

2*TX+2*RX-Beam-forming:

Mode	Channel	Test Frequency (MHz)	Average Power Output (dBm)		E.I.R.P (dBm)	Directional Gain (dBi)	Limit (dBm)	Result
			Ant 1	Ant 2				
11	CH36	5180	**8.37**	**8.38**	**19.89**	8.5	23	Pass
11	CH44	5220	**8.21**	**8.34**	**19.79**	8.5	23	Pass
11	CH48	5240	**9.07**	**8.03**	**20.09**	8.5	23	Pass
12	CH36	2412	**8.85**	**8.14**	**20.02**	8.5	23	Pass
12	CH44	2437	**8.79**	**7.78**	**19.82**	8.5	23	Pass
12	CH48	2462	**8.90**	**8.66**	**20.29**	8.5	23	Pass
13	CH38	5190	**10.51**	**9.47**	**21.53**	8.5	23	Pass
13	CH46	5230	**11.21**	**9.64**	**22.01**	8.5	23	Pass
14	CH36	5180	**8.81**	**8.15**	**20.00**	8.5	23	Pass
14	CH44	5220	**9.77**	**8.72**	**20.79**	8.5	23	Pass
14	CH48	5240	**8.86**	**8.26**	**20.08**	8.5	23	Pass
15	CH38	5190	**10.49**	**10.59**	**22.05**	8.5	23	Pass
15	CH46	5230	**10.97**	**9.89**	**21.97**	8.5	23	Pass
16	CH42	5210	**9.64**	**9.76**	**21.21**	8.5	23	Pass
17	CH36	5180	**9.08**	**8.87**	**20.49**	8.5	23	Pass
17	CH44	5220	**9.60**	**9.00**	**20.82**	8.5	23	Pass
17	CH48	5240	**10.05**	**8.40**	**20.81**	8.5	23	Pass
18	CH38	5190	**10.96**	**9.76**	**21.91**	8.5	23	Pass
18	CH46	5230	**10.56**	**9.67**	**21.65**	8.5	23	Pass
19	CH42	5210	**10.17**	**9.98**	**21.59**	8.5	23	Pass

4*TX+4*RX-CDD:

Mode	Channel	Test Frequency (MHz)	Peak Power Output (dBm)				E.I.R.P (dBm)	Directional Gain (dBi)	Limit (dBm)	Result
			Ant 0	Ant 1	Ant 2	Ant 3				
1	CH36	5180	**4.22**	**3.93**	**4.93**	**5.81**	**16.31**	5.5	23	Pass
1	CH44	5220	**4.40**	**4.08**	**4.81**	**5.56**	**16.27**	5.5	23	Pass
1	CH48	5240	**4.90**	**4.50**	**5.16**	**5.14**	**16.45**	5.5	23	Pass
2	CH36	5180	**4.64**	**4.48**	**4.77**	**5.54**	**16.40**	5.5	23	Pass
2	CH44	5220	**4.51**	**4.67**	**4.99**	**4.67**	**16.23**	5.5	23	Pass
2	CH48	5240	**4.09**	**4.77**	**4.83**	**5.26**	**16.28**	5.5	23	Pass
3	CH38	5190	**7.37**	**7.53**	**8.64**	**8.79**	**19.65**	5.5	23	Pass
3	CH46	5230	**6.41**	**7.44**	**7.48**	**7.95**	**18.88**	5.5	23	Pass
4	CH36	5180	**4.08**	**4.45**	**4.31**	**5.27**	**16.07**	5.5	23	Pass
4	CH44	5220	**4.49**	**3.91**	**5.12**	**5.34**	**16.27**	5.5	23	Pass
4	CH48	5240	**4.20**	**4.16**	**4.73**	**5.14**	**16.10**	5.5	23	Pass
5	CH38	5190	**7.08**	**6.84**	**7.66**	**8.32**	**19.03**	5.5	23	Pass
5	CH46	5230	**6.92**	**6.71**	**7.77**	**7.70**	**18.82**	5.5	23	Pass
6	CH42	5210	**10.19**	**10.27**	**12.21**	**11.72**	**22.71**	5.5	23	Pass
7	CH36	5180	**4.85**	**4.04**	**4.62**	**6.10**	**16.49**	5.5	23	Pass
7	CH44	5220	**4.55**	**4.47**	**5.38**	**5.78**	**16.60**	5.5	23	Pass
7	CH48	5240	**5.05**	**4.41**	**5.60**	**5.75**	**16.75**	5.5	23	Pass
8	CH38	5190	**7.35**	**7.29**	**8.08**	**7.71**	**19.14**	5.5	23	Pass
8	CH46	5230	**7.38**	**6.87**	**8.64**	**8.40**	**19.40**	5.5	23	Pass
9	CH42	5210	**9.91**	**9.96**	**11.32**	**10.89**	**22.08**	5.5	23	Pass

4*TX+4*RX-Beam-forming:

Mode	Channel	Test Frequency (MHz)	Peak Power Output (dBm)				E.I.R.P (dBm)	Directional Gain (dBi)	Limit (dBm)	Result
			Ant 0	Ant 1	Ant 2	Ant 3				
11	CH36	5180	**4.64**	**3.92**	**4.72**	**5.51**	**22.25**	11.5	23	Pass
11	CH44	5220	**4.61**	**4.35**	**5.27**	**5.58**	**22.50**	11.5	23	Pass
11	CH48	5240	**4.37**	**3.70**	**4.56**	**5.17**	**22.00**	11.5	23	Pass
12	CH36	2412	**3.91**	**4.23**	**5.18**	**5.49**	**22.27**	11.5	23	Pass
12	CH44	2437	**3.87**	**3.91**	**4.42**	**5.21**	**21.91**	11.5	23	Pass
12	CH48	2462	**3.99**	**3.22**	**5.22**	**4.44**	**21.80**	11.5	23	Pass
13	CH38	5190	**5.47**	**4.47**	**4.99**	**5.90**	**22.76**	11.5	23	Pass
13	CH46	5230	**4.57**	**4.47**	**5.16**	**5.04**	**22.34**	11.5	23	Pass
14	CH36	5180	**4.33**	**4.38**	**4.29**	**5.34**	**22.13**	11.5	23	Pass
14	CH44	5220	**4.00**	**3.73**	**4.69**	**4.93**	**21.89**	11.5	23	Pass
14	CH48	5240	**3.52**	**3.97**	**5.57**	**4.91**	**22.09**	11.5	23	Pass
15	CH38	5190	**4.75**	**4.17**	**5.13**	**5.82**	**22.53**	11.5	23	Pass
15	CH46	5230	**4.72**	**5.02**	**5.55**	**5.29**	**22.68**	11.5	23	Pass
16	CH42	5210	**4.90**	**4.79**	**5.04**	**5.88**	**22.70**	11.5	23	Pass
17	CH36	5180	**4.58**	**4.12**	**4.28**	**5.55**	**22.19**	11.5	23	Pass
17	CH44	5220	**4.60**	**4.20**	**5.63**	**5.53**	**22.55**	11.5	23	Pass
17	CH48	5240	**4.12**	**4.33**	**5.55**	**5.49**	**22.44**	11.5	23	Pass
18	CH38	5190	**5.25**	**5.14**	**5.57**	**6.47**	**23.16**	11.5	23	Pass
18	CH46	5230	**4.66**	**4.94**	**4.67**	**5.65**	**22.52**	11.5	23	Pass
19	CH42	5210	**4.77**	**4.46**	**4.61**	**5.91**	**22.50**	11.5	23	Pass

Product Name	:	Wireless Access Point(Eth7)	Power	:	AC 120V/60Hz
Test Mode	:	Mode 1~20	Test Site	:	TR8
Test Date	:	2018.05.24	Test Engineer	:	Tommie

Mode 1: Transmit by 802.11a with CDD by ant0+1						
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1			
CH36	5180	18.21	17.80	21.02	30.00	Pass
CH44	5200	17.51	17.42	20.48	30.00	Pass
CH48	5240	18.00	18.19	21.11	30.00	Pass
CH52	5260	17.67	17.55	20.62	24.00	Pass
CH60	5300	17.75	18.22	21.00	24.00	Pass
CH64	5320	17.85	18.02	20.95	24.00	Pass

Mode 1: Transmit by 802.11a with CDD by ant0+1							
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1				
52	5260	17.67	17.55	5.5	26.12	30.00	Pass
60	5300	17.75	18.22	5.5	26.50	30.00	Pass
64	5320	17.85	18.02	5.5	26.45	30.00	Pass

Mode 1: Transmit by 802.11a with CDD by ant0+1+2+3								
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3			
CH36	5180	15.31	14.81	14.88	14.83	20.98	30.00	Pass
CH44	5220	15.29	14.65	15.08	14.83	20.99	30.00	Pass
CH48	5240	15.00	14.91	14.96	15.02	20.99	30.00	Pass
CH52	5260	12.91	12.97	13.66	13.22	19.22	24.00	Pass
CH60	5300	12.45	12.63	13.14	13.33	18.92	24.00	Pass
CH64	5320	11.97	11.75	12.88	13.17	18.50	24.00	Pass

Mode 1: Transmit by 802.11a with CDD by ant0+1+2+3									
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3				
52	5260	12.91	12.97	13.66	13.22	5.5	24.72	30.00	Pass
60	5300	12.45	12.63	13.14	13.33	5.5	24.42	30.00	Pass
64	5320	11.97	11.75	12.88	13.17	5.5	24	30.00	Pass

Mode 2: Transmit by 802.11n(20MHz) with CDD by ant0+1						
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1			
CH36	5180	18.01	17.43	20.74	30.00	Pass
CH44	5200	18.72	17.89	21.34	30.00	Pass
CH48	5240	18.17	17.83	21.01	30.00	Pass
CH52	5260	17.44	17.64	20.55	24.00	Pass
CH60	5300	18.07	18.04	21.07	24.00	Pass
CH64	5320	17.47	18.02	20.76	24.00	Pass

Mode 2: Transmit by 802.11n(20MHz) with CDD by ant0+1							
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1				
52	5260	17.44	17.64	5.5	26.05	30.00	Pass
60	5300	18.07	18.04	5.5	26.57	30.00	Pass
64	5320	17.47	18.02	5.5	26.26	30.00	Pass

Mode 2: Transmit by 802.11n(20MHz) with CDD by ant0+1+2+3								
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3			
CH36	5180	15.00	14.08	14.46	14.18	20.47	30.00	Pass
CH44	5200	15.05	14.26	14.64	14.87	20.74	30.00	Pass
CH48	5240	15.02	13.95	14.89	14.31	20.58	30.00	Pass
CH52	5260	12.77	12.39	14.15	13.90	19.39	24.00	Pass
CH60	5300	11.82	12.31	14.35	13.56	19.15	24.00	Pass
CH64	5320	11.98	12.29	14.65	13.65	19.30	24.00	Pass

Mode 2: Transmit by 802.11n(20MHz) with CDD by ant0+1+2+3									
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3				
52	5260	12.77	12.39	14.15	13.90	5.5	24.89	30.00	Pass
60	5300	11.82	12.31	14.35	13.56	5.5	24.65	30.00	Pass
64	5320	11.98	12.29	14.65	13.65	5.5	24.8	30.00	Pass

Mode 3: Transmit by 802.11n(40MHz) with CDD by ant0+1						
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1			
CH38	5190	17.02	16.77	19.91	30.00	Pass
CH46	5230	16.62	17.14	19.90	30.00	Pass
CH54	5270	15.70	15.54	18.63	24.00	Pass
CH62	5310	15.99	15.37	18.70	24.00	Pass

Mode 3: Transmit by 802.11n(40MHz) with CDD by ant0+1							
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1				
54	5270	15.70	15.54	5.5	24.13	30.00	Pass
62	5310	15.99	15.37	5.5	24.20	30.00	Pass

Mode 3: Transmit by 802.11n(40MHz) with CDD by ant0+1+2+3								
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3			
CH38	5190	12.38	11.18	12.42	11.89	18.02	30.00	Pass
CH46	5230	12.71	11.65	12.27	11.85	18.16	30.00	Pass
CH54	5270	12.20	12.00	11.86	11.64	17.95	24.00	Pass
CH62	5310	12.23	10.72	11.42	12.12	17.68	24.00	Pass

Mode 3: Transmit by 802.11n(40MHz) with CDD by ant0+1+2+3									
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3				
54	5270	12.20	12.00	11.86	11.64	5.5	23.45	30.00	Pass
62	5310	12.23	10.72	11.42	12.12	5.5	23.18	30.00	Pass

Mode 4: Transmit by 802.11ac(20MHz) with CDD by ant0+1						
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1			
CH36	5180	18.52	18.26	21.40	30.00	Pass
CH44	5200	17.94	18.20	21.08	30.00	Pass
CH48	5240	17.92	18.34	21.15	30.00	Pass
CH52	5260	17.70	17.67	20.70	24.00	Pass
CH60	5300	17.94	17.75	20.86	24.00	Pass
CH64	5320	17.86	17.60	20.74	24.00	Pass

Mode 4: Transmit by 802.11ac(20MHz) with CDD by ant0+1							
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1				
52	5260	17.70	17.67	5.5	26.20	30.00	Pass
60	5300	17.94	17.75	5.5	26.36	30.00	Pass
64	5320	17.86	17.60	5.5	26.24	30.00	Pass

Mode 4: Transmit by 802.11ac(20MHz) with CDD by ant0+1+2+3								
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3			
CH36	5180	15.03	14.06	14.50	14.37	20.52	30.00	Pass
CH44	5200	14.22	14.00	14.59	14.53	20.36	30.00	Pass
CH48	5240	14.67	13.68	14.47	14.46	20.36	30.00	Pass
CH52	5260	12.23	12.78	14.33	13.43	19.28	24.00	Pass
CH60	5300	11.84	12.66	13.88	13.54	19.07	24.00	Pass
CH64	5320	11.39	12.52	13.99	13.19	18.90	24.00	Pass

Mode 4: Transmit by 802.11ac(20MHz) with CDD by ant0+1+2+3									
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3				
52	5260	12.23	12.78	14.33	13.43	5.5	24.78	30.00	Pass
60	5300	11.84	12.66	13.88	13.54	5.5	24.57	30.00	Pass
64	5320	11.39	12.52	13.99	13.19	5.5	24.4	30.00	Pass

Mode 5: Transmit by 802.11ac(40MHz) with CDD by ant0+1						
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1			
CH38	5190	16.46	15.91	19.20	30.00	Pass
CH46	5230	17.05	16.67	19.87	30.00	Pass
CH54	5270	16.06	15.05	18.59	24.00	Pass
CH62	5310	15.66	15.38	18.53	24.00	Pass

Mode 5: Transmit by 802.11ac(40MHz) with CDD by ant0+1							
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1				
54	5270	16.06	15.05	5.5	24.09	30.00	Pass
62	5310	15.66	15.38	5.5	24.03	30.00	Pass

Mode 5: Transmit by 802.11ac(40MHz) with CDD by ant0+1+2+3								
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3			
CH38	5190	12.34	11.42	12.25	12.06	18.05	30.00	Pass
CH46	5230	12.35	11.37	12.84	11.85	18.16	30.00	Pass
CH54	5270	11.88	11.55	12.54	12.77	18.23	24.00	Pass
CH62	5310	12.06	11.98	12.03	12.57	18.19	24.00	Pass

Mode 5: Transmit by 802.11ac(40MHz) with CDD by ant0+1+2+3									
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3				
54	5270	11.88	11.55	12.54	12.77	5.5	23.73	30.00	Pass
62	5310	12.06	11.98	12.03	12.57	5.5	23.69	30.00	Pass

Mode 6: Transmit by 802.11ac(80MHz) with CDD by ant0+1						
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1			
CH42	5210	15.75	16.16	18.97	30.00	Pass
CH58	5290	15.11	15.33	18.23	24.00	Pass

Mode 6: Transmit by 802.11ac(80MHz) with CDD by ant0+1							
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1				
58	5290	15.11	15.33	5.5	23.73	30.00	Pass

Mode 6: Transmit by 802.11ac(80MHz) with CDD by ant0+1+2+3								
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3			
CH42	5210	11.30	11.34	11.72	10.10	17.18	30.00	Pass
CH58	5290	11.70	10.49	11.44	11.65	17.37	24.00	Pass

Mode 6: Transmit by 802.11ac(80MHz) with CDD by ant0+1+2+3									
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3				
58	5290	11.70	10.49	11.44	11.65	5.5	22.87	30.00	Pass

Mode 7: Transmit by 802.11ax(20MHz) with CDD by ant0+1						
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1			
CH36	5180	17.80	17.48	20.65	30.00	Pass
CH44	5200	18.04	17.61	20.84	30.00	Pass
CH48	5240	18.52	17.12	20.89	30.00	Pass
CH52	5260	17.41	17.81	20.62	24.00	Pass
CH60	5300	16.97	17.46	20.23	24.00	Pass
CH64	5320	18.23	17.26	20.78	24.00	Pass

Mode 7: Transmit by 802.11ax(20MHz) with CDD by ant0+1							
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1				
52	5260	17.41	17.81	5.5	26.12	30.00	Pass
60	5300	16.97	17.46	5.5	25.73	30.00	Pass
64	5320	18.23	17.26	5.5	26.28	30.00	Pass

Mode 7: Transmit by 802.11ax(20MHz) with CDD by ant0+1+2+3								
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3			
CH36	5180	14.10	13.90	14.66	13.63	20.11	30.00	Pass
CH44	5200	13.75	13.65	14.24	13.83	19.89	30.00	Pass
CH48	5240	13.56	14.17	14.04	14.80	20.19	30.00	Pass
CH52	5260	12.33	12.92	13.91	13.89	19.33	24.00	Pass
CH60	5300	12.37	12.58	13.72	13.70	19.16	24.00	Pass
CH64	5320	12.74	13.01	13.98	13.53	19.36	24.00	Pass

Mode 7: Transmit by 802.11ax(20MHz) with CDD by ant0+1+2+3									
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3				
52	5260	12.33	12.92	13.91	13.89	5.5	24.83	30.00	Pass
60	5300	12.37	12.58	13.72	13.70	5.5	24.66	30.00	Pass
64	5320	12.74	13.01	13.98	13.53	5.5	24.86	30.00	Pass

Mode 8: Transmit by 802.11ax(40MHz) with CDD by ant0+1						
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1			
CH38	5190	15.98	16.03	19.02	30.00	Pass
CH46	5230	16.50	16.41	19.47	30.00	Pass
CH54	5270	15.08	14.99	18.05	24.00	Pass
CH62	5310	15.57	15.41	18.50	24.00	Pass

Mode 8: Transmit by 802.11ax(40MHz) with CDD by ant0+1							
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1				
54	5270	15.08	14.99	5.5	23.55	30.00	Pass
62	5310	15.57	15.41	5.5	24.00	30.00	Pass

Mode 8: Transmit by 802.11ax(40MHz) with CDD by ant0+1+2+3								
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3			
CH38	5190	12.02	11.35	12.42	11.95	17.97	30.00	Pass
CH46	5230	11.61	11.20	11.75	12.34	17.76	30.00	Pass
CH54	5270	12.53	11.54	11.73	11.64	17.90	24.00	Pass
CH62	5310	11.95	11.20	11.86	12.03	17.79	24.00	Pass

Mode 8: Transmit by 802.11ax(40MHz) with CDD by ant0+1+2+3									
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3				
54	5270	12.53	11.54	11.73	11.64	5.5	23.4	30.00	Pass
62	5310	11.95	11.20	11.86	12.03	5.5	23.29	30.00	Pass

Mode 9: Transmit by 802.11ax(80MHz) with CDD by ant0+1						
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1			
CH42	5210	16.60	16.88	19.75	30.00	Pass
CH58	5290	14.97	14.77	17.88	24.00	Pass

Mode 9: Transmit by 802.11ax(80MHz) with CDD by ant0+1							
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1				
58	5290	14.97	14.77	5.5	23.38	30.00	Pass

Mode 9: Transmit by 802.11ax(80MHz) with CDD by ant0+1+2+3								
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3			
CH42	5210	11.08	11.00	11.54	11.41	17.28	30.00	Pass
CH58	5290	11.11	10.60	10.92	10.86	16.90	24.00	Pass

Mode 9: Transmit by 802.11ax(80MHz) with CDD by ant0+1+2+3									
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3				
58	5290	11.11	10.60	10.92	10.86	5.5	22.4	30.00	Pass

Mode 10: Transmit by 802.11ax(160MHz) with CDD by ant0+1						
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1			
CH50	5250	15.18	14.73	17.97	24.00	Pass

Mode 10: Transmit by 802.11ax(160MHz) with CDD by ant0+1							
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1				
50	5250	15.18	14.73	5.5	23.47	30	Pass

Mode 10: Transmit by 802.11ax(160MHz) with CDD by ant0+1+2+3								
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3			
CH50	5250	11.46	11.10	10.98	9.96	16.93	24.00	Pass

Mode 10: Transmit by 802.11ax(160MHz) with CDD by ant0+1+2+3									
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3				
CH50	5250	11.46	11.10	10.98	9.96	5.5	22.43	30	Pass

Mode 11: Transmit by 802.11a with Beam-forming by ant0+1						
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1			
CH36	5180	17.15	17.18	20.18	27.5	Pass
CH44	5200	17.35	16.61	20.01	27.5	Pass
CH48	5240	16.81	16.93	19.88	27.5	Pass
CH52	5260	14.26	14.22	17.25	21.5	Pass
CH60	5300	14.49	14.87	17.69	21.5	Pass
CH64	5320	15.17	14.12	17.69	21.5	Pass

Mode 11: Transmit by 802.11a with Beam-forming by ant0+1							
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1				
52	5260	14.26	14.22	8.5	25.75	30.00	Pass
60	5300	14.49	14.87	8.5	26.19	30.00	Pass
64	5320	15.17	14.12	8.5	26.19	30.00	Pass

Mode 11: Transmit by 802.11a with Beam-forming by ant0+1+2+3								
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3			
CH36	5180	14.70	14.55	15.01	14.05	20.61	24.5	Pass
CH44	5200	14.46	14.18	14.32	14.59	20.41	24.5	Pass
CH48	5240	14.89	15.35	14.93	14.19	20.88	24.5	Pass
CH52	5260	8.72	8.76	9.29	8.93	14.95	18.5	Pass
CH60	5300	8.51	8.5	9.2	9.06	14.85	18.5	Pass
CH64	5320	8.81	7.7	9.31	8.94	14.75	18.5	Pass

Mode 11: Transmit by 802.11a with Beam-forming by ant0+1+2+3									
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3				
52	5260	8.72	8.76	9.29	8.93	11.5	26.45	30.00	Pass
60	5300	8.51	8.5	9.2	9.06	11.5	26.35	30.00	Pass
64	5320	8.81	7.7	9.31	8.94	11.5	26.25	30.00	Pass

Mode 12: Transmit by 802.11n(20MHz) with Beam-forming by ant0+1						
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1			
CH36	5180	17.18	16.71	19.96	27.5	Pass
CH44	5220	18.08	17.00	20.58	27.5	Pass
CH48	5240	17.17	16.68	19.94	27.5	Pass
CH52	5260	15.27	14.68	18	21.5	Pass
CH60	5300	14.69	14.21	17.47	21.5	Pass
CH64	5320	14.81	14.62	17.73	21.5	Pass

Mode 12: Transmit by 802.11n(20MHz) with Beam-forming by ant0+1							
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1				
52	5260	15.27	14.68	8.5	26.5	30	Pass
60	5300	14.69	14.21	8.5	25.97	30	Pass
64	5320	14.81	14.62	8.5	26.23	30	Pass

Mode 12: Transmit by 802.11n(20MHz) with Beam-forming by ant0+1+2+3								
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3			
CH36	5180	15.14	14.14	14.88	14.74	20.76	24.5	Pass
CH44	5200	14.86	14.32	14.84	15.24	20.85	24.5	Pass
CH48	5240	14.47	14.72	15.10	14.71	20.78	24.5	Pass
CH52	5260	9.36	8.55	9.01	8.92	14.99	18.5	Pass
CH60	5300	8.58	8.77	8.33	8.67	14.61	18.5	Pass
CH64	5320	8.51	8.64	8.95	9.12	14.83	18.5	Pass

Mode 12: Transmit by 802.11n(20MHz) with Beam-forming by ant0+1+2+3									
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3				
52	5260	9.36	8.55	9.01	8.92	11.5	26.49	30	Pass
60	5300	8.58	8.77	8.33	8.67	11.5	26.11	30	Pass
64	5320	8.51	8.64	8.95	9.12	11.5	26.33	30	Pass

Mode 13: Transmit by 802.11n(40MHz) with Beam-forming by ant0+1						
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1			
CH38	5190	15.53	15.67	18.61	27.5	Pass
CH46	5230	15.25	15.16	18.22	27.5	Pass
CH54	5270	14.86	14.93	17.91	21.5	Pass
CH62	5310	14.51	14.20	17.37	21.5	Pass

Mode 13: Transmit by 802.11n(40MHz) with Beam-forming by ant0+1							
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1				
54	5270	14.86	14.93	8.5	26.41	30	Pass
62	5310	14.51	14.20	8.5	25.87	30	Pass

Mode 13: Transmit by 802.11n(40MHz) with Beam-forming by ant0+1+2+3								
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3			
CH38	5190	12.06	10.88	12.17	11.88	17.80	24.5	Pass
CH46	5230	11.92	11.10	12.01	11.95	17.78	24.5	Pass
CH54	5270	9.04	8.69	8.28	8.92	14.76	18.5	Pass
CH62	5310	9.18	8.68	8.2	8.45	14.66	18.5	Pass

Mode 13: Transmit by 802.11n(40MHz) with Beam-forming by ant0+1+2+3									
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3				
54	5270	9.04	8.69	8.28	8.92	11.5	26.26	30	Pass
62	5310	9.18	8.68	8.2	8.45	11.5	26.16	30	Pass

Mode 14: Transmit by 802.11ac(20MHz) with Beam-forming by ant0+1						
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1			
CH36	5180	16.74	16.80	19.78	27.5	Pass
CH44	5200	16.98	17.06	20.03	27.5	Pass
CH48	5240	17.41	16.78	20.12	27.5	Pass
CH52	5260	14.61	14.36	17.50	21.5	Pass
CH60	5300	14.35	14.24	17.31	21.5	Pass
CH64	5320	14.51	14.75	17.64	21.5	Pass

Mode 14: Transmit by 802.11ac(20MHz) with Beam-forming by ant0+1							
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1				
52	5260	14.61	14.36	8.5	26.33	30	Pass
60	5300	14.35	14.24	8.5	26.32	30	Pass
64	5320	14.51	14.75	8.5	26.20	30	Pass

Mode 14: Transmit by 802.11ac(20MHz) with Beam-forming by ant0+1+2+3								
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3			
CH36	5180	15.00	13.93	14.52	14.32	20.48	24.5	Pass
CH44	5200	14.57	13.78	14.47	14.47	20.35	24.5	Pass
CH48	5240	14.17	14.02	14.09	15.31	20.45	24.5	Pass
CH52	5260	9.16	8.6	8.61	8.95	14.86	18.5	Pass
CH60	5300	8.41	8.01	8.83	8.22	14.4	18.5	Pass
CH64	5320	8.52	8.66	8.77	9.63	14.94	18.5	Pass

Mode 14: Transmit by 802.11ac(20MHz) with Beam-forming by ant0+1+2+3									
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3				
52	5260	9.16	8.6	8.61	8.95	11.5	26.36	30	Pass
60	5300	8.41	8.01	8.83	8.22	11.5	25.9	30	Pass
64	5320	8.52	8.66	8.77	9.63	11.5	26.44	30	Pass

Mode 15: Transmit by 802.11ac(40MHz) with Beam-forming by ant0+1						
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1			
CH38	5190	15.79	14.70	18.29	27.5	Pass
CH46	5230	15.64	15.08	18.38	27.5	Pass
CH54	5270	14.23	14.57	17.41	21.5	Pass
CH62	5310	15.06	14.11	17.62	21.5	Pass

Mode 15: Transmit by 802.11ac(40MHz) with Beam-forming by ant0+1							
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1				
54	5270	14.23	14.57	8.5	25.91	30	Pass
62	5310	15.06	14.11	8.5	26.12	30	Pass

Mode 15: Transmit by 802.11ac(40MHz) with Beam-forming by ant0+1+2+3								
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3			
CH38	5190	12.54	11.46	11.90	12.05	18.03	24.5	Pass
CH46	5230	12.31	11.70	13.06	11.92	18.30	24.5	Pass
CH54	5270	8.92	8.86	8.35	9.02	14.82	18.5	Pass
CH62	5310	9.79	8.95	8.7	9.19	15.2	18.5	Pass

Mode 15: Transmit by 802.11ac(40MHz) with Beam-forming by ant0+1+2+3									
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3				
54	5270	8.92	8.86	8.35	9.02	11.5	26.32	30	Pass
62	5310	9.79	8.95	8.7	9.19	11.5	26.7	30	Pass

Mode 16: Transmit by 802.11ac(80MHz) with Beam-forming by ant0+1						
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1			
CH42	5210	15.83	14.69	18.31	27.5	Pass
CH58	5290	14.27	13.88	17.09	21.5	Pass

Mode 16: Transmit by 802.11ac(80MHz) with Beam-forming by ant0+1							
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1				
58	5290	14.27	13.88	8.5	25.59	30	Pass

Mode 16: Transmit by 802.11ac(80MHz) with Beam-forming by ant0+1+2+3								
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3			
CH42	5210	11.89	11.45	11.15	10.59	17.32	24.5	Pass
CH58	5290	8.81	9.05	8.82	9.88	15.18	18.5	Pass

Mode 16: Transmit by 802.11ac(80MHz) with Beam-forming by ant0+1+2+3									
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3				
58	5290	8.81	9.05	8.82	9.88	11.5	26.68	30	Pass

Mode 17: Transmit by 802.11ax(20MHz) with Beam-forming by ant0+1						
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1			
CH36	5180	16.54	15.81	19.20	27.5	Pass
CH44	5200	17.64	16.05	19.93	27.5	Pass
CH48	5240	16.82	16.43	19.64	27.5	Pass
CH52	5260	14.78	14.73	17.77	21.5	Pass
CH60	5300	14.91	15.02	17.98	21.5	Pass
CH64	5320	14.97	14.34	17.68	21.5	Pass

Mode 17: Transmit by 802.11ax(20MHz) with Beam-forming by ant0+1							
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1				
52	5260	14.78	14.73	8.5	26.27	30	Pass
60	5300	14.91	15.02	8.5	26.48	30	Pass
64	5320	14.97	14.34	8.5	26.18	30	Pass

Mode 17: Transmit by 802.11ax(20MHz) with Beam-forming by ant0+1+2+3								
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3			
CH36	5180	14.17	14.15	14.51	14.01	20.23	24.5	Pass
CH44	5200	14.33	14.06	14.43	14.26	20.29	24.5	Pass
CH48	5240	13.69	13.51	14.20	14.53	20.02	24.5	Pass
CH52	5260	8.16	8.38	9.36	9.45	14.9	18.5	Pass
CH60	5300	7.95	9.02	9.54	9.29	15.01	18.5	Pass
CH64	5320	8.48	8.57	8.69	8.86	14.67	18.5	Pass

Mode 17: Transmit by 802.11ax(20MHz) with Beam-forming by ant0+1+2+3									
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3				
52	5260	8.16	8.38	9.36	9.45	11.5	26.4	30	Pass
60	5300	7.95	9.02	9.54	9.29	11.5	26.51	30	Pass
64	5320	8.48	8.57	8.69	8.86	11.5	26.17	30	Pass

Mode 18: Transmit by 802.11ax(40MHz) with Beam-forming by ant0+1						
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1			
CH38	5190	15.49	15.22	18.37	27.5	Pass
CH46	5230	15.25	15.17	18.22	27.5	Pass
CH54	5270	14.18	14.24	17.22	21.5	Pass
CH62	5310	14.90	14.44	17.69	21.5	Pass

Mode 18: Transmit by 802.11ax(40MHz) with Beam-forming by ant0+1							
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1				
54	5270	14.18	14.24	8.5	25.72	30	Pass
62	5310	14.90	14.44	8.5	26.19	30	Pass

Mode 18: Transmit by 802.11ax(40MHz) with Beam-forming by ant0+1+2+3								
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3			
CH38	5190	11.98	11.71	12.59	11.77	18.05	24.5	Pass
CH46	5230	11.71	11.29	11.64	12.57	17.85	24.5	Pass
CH54	5270	8.75	8.39	8.23	8.84	14.58	18.5	Pass
CH62	5310	8.81	8.74	8.62	8.73	14.75	18.5	Pass

Mode 18: Transmit by 802.11ax(40MHz) with Beam-forming by ant0+1+2+3									
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3				
54	5270	8.75	8.39	8.23	8.84	11.5	26.08	30	Pass
62	5310	8.81	8.74	8.62	8.73	11.5	26.25	30	Pass

Mode 19: Transmit by 802.11ax(80MHz) with Beam-forming by ant0+1						
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1			
CH42	5210	14.86	15.58	18.25	27.5	Pass
CH58	5290	14.08	14.65	17.38	21.5	Pass

Mode 19: Transmit by 802.11ax(80MHz) with Beam-forming by ant0+1							
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1				
58	5290	14.08	14.65	8.5	25.88	30	Pass

Mode 19: Transmit by 802.11ax(80MHz) with Beam-forming by ant0+1+2+3								
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3			
CH42	5210	8.44	8.54	9.11	8.52	14.68	24.5	Pass
CH58	5290	8.62	8.31	8.91	8.22	14.54	18.5	Pass

Mode 19: Transmit by 802.11ax(80MHz) with Beam-forming by ant0+1+2+3									
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3				
58	5290	8.62	8.31	8.91	8.22	11.5	26.04	30	Pass

Mode 20: Transmit by 802.11ax(160MHz) with Beam-forming by ant0+1						
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1			
CH50	5250	13.51	13.59	16.56	21.5	Pass

Mode 20: Transmit by 802.11ax(160MHz) with Beam-forming by ant0+1							
Channel No.	Frequency (MHz)	Measurement Power(dBm)		Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1				
50	5250	13.51	13.59	8.5	25.06	30	Pass

Mode 20: Transmit by 802.11ax(160MHz) with Beam-forming by ant0+1+2+3								
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Total Power (dBm)	Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3			
CH50	5250	8.38	9.46	8.71	8.72	14.86	18.5	Pass

Mode 20: Transmit by 802.11ax(160MHz) with Beam-forming by ant0+1+2+3									
Channel No.	Frequency (MHz)	Measurement Power(dBm)				Antenna Gain (dBi)	Total EIRP Power (dBm)	EIRP Limit (dBm)	Result
		Ant0	Ant1	Ant2	Ant3				
50	5250	8.38	9.46	8.71	8.72	11.5	26.36	30	Pass

For IC Requirement:

2*TX+2*RX-CDD:

Mode	Channel	Test Frequency (MHz)	Average Power Output (dBm)		E.I.R.P (dBm)	Directional Gain (dBi)	Limit (dBm)	Result
			Ant 1	Ant 2				
1	CH36	5180	**12.05**	**11.40**	**20.25**	5.5	23	Pass
1	CH44	5220	**12.40**	**10.77**	**20.17**	5.5	23	Pass
1	CH48	5240	**10.63**	**11.47**	**19.58**	5.5	23	Pass
2	CH36	5180	**11.73**	**10.95**	**19.87**	5.5	23	Pass
2	CH44	5220	**11.57**	**10.84**	**19.73**	5.5	23	Pass
2	CH48	5240	**12.11**	**10.49**	**19.89**	5.5	23	Pass
3	CH38	5190	**13.89**	**12.60**	**21.80**	5.5	23	Pass
3	CH46	5230	**14.08**	**12.84**	**22.01**	5.5	23	Pass
4	CH36	5180	**12.78**	**11.44**	**20.67**	5.5	23	Pass
4	CH44	5220	**13.09**	**12.01**	**21.09**	5.5	23	Pass
4	CH48	5240	**11.30**	**12.25**	**20.31**	5.5	23	Pass
5	CH38	5190	**13.76**	**12.74**	**21.79**	5.5	23	Pass
5	CH46	5230	**13.82**	**13.27**	**22.06**	5.5	23	Pass
6	CH42	5210	**13.00**	**13.09**	**21.56**	5.5	23	Pass
7	CH36	5180	**12.67**	**12.55**	**21.12**	5.5	23	Pass
7	CH44	5220	**12.77**	**12.08**	**20.95**	5.5	23	Pass
7	CH48	5240	**13.20**	**12.58**	**21.41**	5.5	23	Pass
8	CH38	5190	**13.78**	**13.60**	**22.20**	5.5	23	Pass
8	CH46	5230	**12.65**	**12.61**	**21.14**	5.5	23	Pass

9	CH42	5210	**13.43**	**12.17**	**21.36**	5.5	23	Pass

2*TX+2*RX-Beam-forming:

Mode	Channel	Test Frequency (MHz)	Average Power Output (dBm)		E.I.R.P (dBm)	Directional Gain (dBi)	Limit (dBm)	Result
			Ant 1	Ant 2				
11	CH36	5180	**8.47**	**8.86**	**20.18**	8.5	23	Pass
11	CH44	5220	**8.85**	**8.58**	**20.23**	8.5	23	Pass
11	CH48	5240	**9.27**	**8.11**	**20.24**	8.5	23	Pass
12	CH36	5180	**8.84**	**8.09**	**19.99**	8.5	23	Pass
12	CH44	5220	**7.98**	**7.82**	**19.41**	8.5	23	Pass
12	CH48	5240	**8.95**	**8.44**	**20.21**	8.5	23	Pass
13	CH38	5190	**10.54**	**9.40**	**21.52**	8.5	23	Pass
13	CH46	5230	**11.39**	**9.46**	**22.04**	8.5	23	Pass
14	CH36	5180	**8.91**	**8.72**	**20.33**	8.5	23	Pass
14	CH44	5220	**8.89**	**7.90**	**19.93**	8.5	23	Pass
14	CH48	5240	**9.40**	**7.66**	**20.13**	8.5	23	Pass
15	CH38	5190	**9.92**	**9.87**	**21.41**	8.5	23	Pass
15	CH46	5230	**10.79**	**9.91**	**21.88**	8.5	23	Pass
16	CH42	5210	**10.00**	**9.40**	**21.22**	8.5	23	Pass
17	CH36	5180	**8.74**	**8.32**	**20.05**	8.5	23	Pass
17	CH44	5220	**10.17**	**8.17**	**20.79**	8.5	23	Pass
17	CH48	5240	**9.66**	**8.16**	**20.48**	8.5	23	Pass
18	CH38	5190	**10.49**	**10.69**	**22.10**	8.5	23	Pass
18	CH46	5230	**10.41**	**9.87**	**21.66**	8.5	23	Pass

19	CH42	5210	**10.53**	**9.92**	**21.75**	8.5	23	Pass

4*TX+4*RX-CDD:

Mode	Channel	Test Frequency (MHz)	Peak Power Output (dBm)				E.I.R.P (dBm)	Directional Gain (dBi)	Limit (dBm)	Result
			Ant 1	Ant 2	Ant 3	Ant 4				
1	CH36	5180	**3.60**	**3.61**	**4.26**	**4.81**	**21.24**	5.5	23	Pass
1	CH44	5220	**4.25**	**3.81**	**4.36**	**4.35**	**21.19**	5.5	23	Pass
1	CH48	5240	**4.48**	**4.02**	**5.01**	**4.54**	**21.14**	5.5	23	Pass
2	CH36	5180	**4.48**	**4.21**	**4.67**	**5.31**	**20.58**	5.5	23	Pass
2	CH44	5220	**3.60**	**3.92**	**4.46**	**4.83**	**20.87**	5.5	23	Pass
2	CH48	5240	**2.96**	**4.60**	**4.56**	**4.57**	**20.77**	5.5	23	Pass
3	CH38	5190	**6.65**	**7.17**	**8.00**	**7.66**	**18.25**	5.5	23	Pass
3	CH46	5230	**5.39**	**6.45**	**7.19**	**7.71**	**18.27**	5.5	23	Pass
4	CH36	5180	**4.12**	**3.91**	**3.45**	**4.57**	**20.69**	5.5	23	Pass
4	CH44	5220	**3.97**	**3.73**	**4.11**	**4.64**	**20.49**	5.5	23	Pass
4	CH48	5240	**3.20**	**4.21**	**3.86**	**4.98**	**20.48**	5.5	23	Pass
5	CH38	5190	**6.46**	**6.80**	**6.96**	**7.59**	**18.27**	5.5	23	Pass
5	CH46	5230	**5.95**	**6.45**	**7.88**	**7.68**	**18.33**	5.5	23	Pass
6	CH42	5210	**10.01**	**10.48**	**11.83**	**11.52**	**17.31**	5.5	23	Pass
7	CH36	5180	**4.66**	**3.88**	**4.83**	**5.87**	**20.22**	5.5	23	Pass
7	CH44	5220	**4.47**	**4.46**	**5.19**	**5.76**	**20.08**	5.5	23	Pass
7	CH48	5240	**4.24**	**3.91**	**4.99**	**4.80**	**20.32**	5.5	23	Pass
8	CH38	5190	**6.98**	**6.80**	**8.21**	**7.78**	**18.17**	5.5	23	Pass
8	CH46	5230	**7.24**	**6.00**	**7.64**	**7.81**	**17.89**	5.5	23	Pass
9	CH42	5210	**9.96**	**9.71**	**11.06**	**10.21**	**17.40**	5.5	23	Pass

4*TX+4*RX-Beam-forming:

Mode	Channel	Test Frequency (MHz)	Peak Power Output (dBm)				E.I.R.P (dBm)	Directional Gain (dBi)	Limit (dBm)	Result
			Ant 0	Ant 1	Ant 2	Ant 3				
11	CH36	5180	**4.42**	**3.68**	**3.58**	**5.35**	**21.84**	11.5	26.5	Pass
11	CH44	5220	**3.68**	**3.27**	**4.40**	**5.19**	**21.72**	11.5	26.5	Pass
11	CH48	5240	**4.45**	**2.71**	**3.92**	**4.29**	**21.41**	11.5	26.5	Pass
12	CH36	2412	**3.58**	**4.06**	**4.82**	**4.68**	**21.83**	11.5	26.5	Pass
12	CH44	2437	**3.82**	**3.34**	**4.42**	**4.66**	**21.61**	11.5	26.5	Pass
12	CH48	2462	**3.37**	**3.04**	**5.13**	**4.08**	**21.50**	11.5	26.5	Pass
13	CH38	5190	**4.76**	**4.14**	**4.25**	**5.00**	**22.07**	11.5	26.5	Pass
13	CH46	5230	**3.76**	**4.40**	**5.23**	**4.45**	**22.01**	11.5	26.5	Pass
14	CH36	5180	**3.79**	**4.21**	**3.89**	**4.89**	**21.74**	11.5	26.5	Pass
14	CH44	5220	**3.93**	**2.97**	**4.61**	**4.29**	**21.51**	11.5	26.5	Pass
14	CH48	5240	**2.69**	**3.01**	**5.69**	**4.84**	**21.76**	11.5	26.5	Pass
15	CH38	5190	**4.00**	**3.18**	**5.14**	**5.67**	**22.12**	11.5	26.5	Pass
15	CH46	5230	**4.43**	**3.99**	**4.65**	**4.45**	**21.91**	11.5	26.5	Pass
16	CH42	5210	**4.17**	**4.09**	**4.77**	**5.75**	**22.27**	11.5	26.5	Pass
17	CH36	5180	**4.49**	**3.28**	**3.86**	**5.29**	**21.82**	11.5	26.5	Pass
17	CH44	5220	**4.16**	**3.82**	**5.13**	**4.78**	**22.02**	11.5	26.5	Pass
17	CH48	5240	**3.62**	**4.12**	**5.10**	**5.22**	**22.09**	11.5	26.5	Pass
18	CH38	5190	**4.61**	**4.11**	**4.73**	**6.03**	**22.45**	11.5	26.5	Pass
18	CH46	5230	**4.28**	**4.38**	**4.34**	**4.82**	**21.98**	11.5	26.5	Pass
19	CH42	5210	**3.90**	**4.19**	**4.53**	**5.27**	**22.02**	11.5	26.5	Pass

Note: 1: Measurement Power of 802.11ac/ax(80/160MHz)=Reading value+duty cycle factor

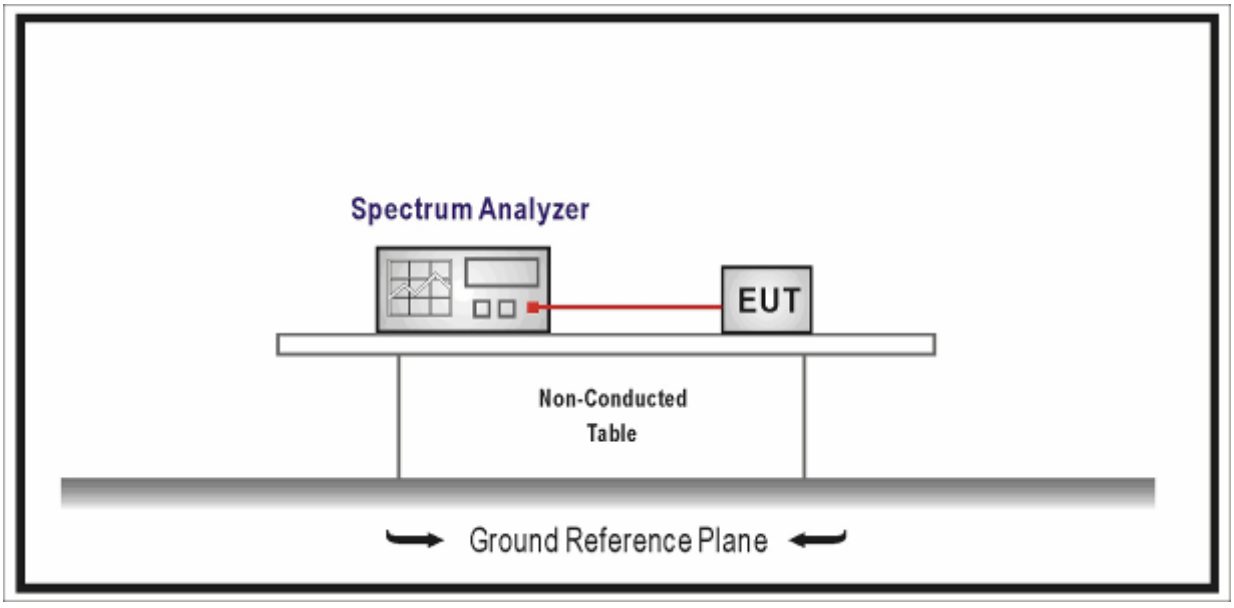
2:The lowest 26dB bandwidth was used for calculate the power limit according to the formate(11+10*LogB). The level is 24.1dBm which is higher than 24dBm, so 24dbm was used for power limit.

8. Peak Power Spectral Density

8.1. Test Equipment

Peak Power Spectral Density / TR-8					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
Spectrum Analyzer	Agilent	N9010A	MY48030494	2018.02.04	2019.02.03
EXA Spectrum Analyzer	Keysight	N9010A	MY55370495	2018.04.09	2019.04.08
MXA Signal Anlyzer	Keysight	N9020A	MY56060147	2018.04.09	2019.04.08
Temperature/Humidity Meter	zhichen	ZC1-2	TR8-TH	2018.04.10	2019.04.09
Note: All equipment are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.					

8.2. Test Setup



8.3. Limit

For FCC

PSD Limit		
☒	For the band 5.15-5.25 GHz	
	☐	Outdoor access point: the maximum power spectral density shall not exceed 17 dBm/MHz. If G_{TX}＞6dBi, then Pout≤17 - (G_{TX} - 6)
	☒	Indoor access point: the maximum power spectral density shall not exceed 17 dBm/MHz. If G_{TX}＞6dBi, then Pout≤17 - (G_{TX} - 6)
	☐	Fixed point-to-point access points: the maximum power spectral density shall not exceed 17 dBm/MHz. If G_{TX}＞23dBi, then Pout≤17 - (G_{TX} - 23)
	☐	Mobile and portable client devices: the maximum power spectral density shall not exceed 11 dBm/MHz. If G_{TX}＞6dBi, then Pout≤11 - (G_{TX} - 6)
☒	For the 5.25-5.35 GHz:	
	☒	the maximum power spectral density shall not exceed 11 dBm/MHz. If G_{TX}＞6dBi, then Pout≤11 - (G_{TX} - 6)
☒	For the 5.47-5.725 GHz:	
	☒	the maximum power spectral density shall not exceed 11 dBm/MHz.If G_{TX}＞6dBi, then Pout≤11 - (G_{TX} - 6)
☒	For the band 5.725-5.85 GHz:	
	☒	the maximum power spectral density shall not exceed 30 dBm/500KHz. If G_{TX}＞6dBi, then Pout≤30 - (G_{TX} - 6)
Note 1: G_{TX} directional gain of transmitting antennas. Note 2: P_{out} is maximum peak conducted output power.		

For IC

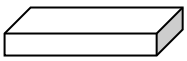
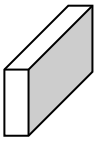
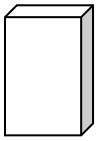
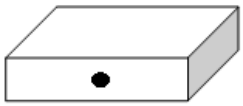
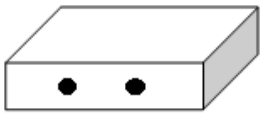
PSD Limit	
☒	For the band 5.15-5.25 GHz： The e.i.r.p. spectral density shall not exceed 10 dBm in any 1.0 MHz band. If G_{TX}＞6dBi, then P_{out}≤10 - (G_{TX} - 6)
☐	For the 5.25-5.35 GHz: The power spectral density shall not exceed 11 dBm in any 1.0 MHz band.. If G_{TX}＞6dBi, then P_{out}≤11 - (G_{TX} - 6)
☐	For the 5.47-5.725 GHz: The power spectral density shall not exceed 11 dBm in any 1.0 MHz band. If G_{TX}＞6dBi, then P_{out}≤11 - (G_{TX} - 6)
☒	For the band 5.725-5.85 GHz: The power spectral density shall not exceed 30 dBm in any 500 kHz band. If G_{TX}＞6dBi, then P_{out}≤30 - (G_{TX} - 6)
Note 1 : G_{TX} directional gain of transmitting antennas. Note 2 : P_{out} is maximum peak conducted output power .	

8.4. Test Procedure

Fundamental emission output power Test Method			
	References Rule	Chapter	Description
☒	ANSI C63.10	12.5	Peak power spectral density
☒	FCC KDB 789033 D02v01r04	F	Maximum Power Spectral Density (PSD)

Directional Gain Calculations for In-Band test method				
	References Rule		Chapter	Description
☐	KDB 662911		F2)a)	Basic methodology
	☐	KDB 662911	F2)a) (i)	transmit signals are correlated
	☐	KDB 662911	F2)a) (ii)	transmit signals are uncorrelated
☐	KDB 662911		F2)b)	Sectorized antenna systems.
☐	KDB 662911		F2)c)	Cross-polarized antennas
	☐	ANSI C63.10	F2)c) (i)	Cross-polarized antennas
	☐	ANSI C63.10	F2)c) (ii)	Multiple antennas
☐	KDB 662911		F2)e)	Spatial stream
	☐	KDB 662911	F2)e) (i)	Antennas have the same gain
	☐	KDB 662911	F2)e) (ii)	Antenna have the different gain with one spatial stream
	☐	KDB 662911	F2)e) (iii)	Antenna have the different gain with more than one spatial stream
☒	KDB 662911		F2)f)	Cyclic Delay Diversity (CDD)
	☐	KDB 662911	F2)f) (i)	Antennas have the same gain
	☒	KDB 662911	F2)f) (ii)	Antenna have the different gain with one spatial stream
	☒	KDB 662911	F2)f) (iii)	Antenna have the different gain with more than one spatial stream

8.5. EUT test Axis definition

<table>
<tr><td>Item</td><td colspan="4">Peak power spectral density</td></tr>
<tr><td rowspan="4">Device Category</td><td>☒</td><td colspan="3">Indoor use</td></tr>
<tr><td>☐</td><td colspan="3">Outdoor use</td></tr>
<tr><td>☐</td><td colspan="3">Fix position use</td></tr>
<tr><td>☐</td><td colspan="3">Client use</td></tr>
<tr><td>Test mode</td><td colspan="4">Mode 1-20</td></tr>
<tr><td rowspan="11">Test method</td><td>☐</td><td colspan="3">Radiated</td></tr>
<tr><td rowspan="3"></td><td>X Axis</td><td>Y Axis</td><td>Z Axis</td></tr>
<tr><td>  </td><td>  </td><td>  </td></tr>
<tr><td>Worst Axis ☐</td><td>Worst Axis ☐</td><td>Worst Axis ☐</td></tr>
<tr><td>☒</td><td colspan="3">Conducted</td></tr>
<tr><td>☐</td><td colspan="3">Chain 1</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
<tr><td>☒</td><td>Chain 1</td><td colspan="2">Chain 2</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
<tr><td>☐</td><td>Chain 1</td><td>Chain 2</td><td>Chain 3</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
</table>

8.6. Test Result

For FCC

Product Name	:	Wireless Access Point	Power	:	AC 120V/60Hz
Test Mode	:	Mode 1~20	Test Site	:	TR8
Test Date	:	2018.05.24	Test Engineer	:	Tommy

Mode 1: Transmit by 802.11a with CDD by ant0+1

Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)		Duty factor	Total Measurement PSD (dBm/MHz)	Directional Gain (dBi)	Limit (dBm/MHz)	Result
		Ant0	Ant1					
CH36	5180	5.964	5.838	0.24	9.15	8.5	14.5	Pass
CH44	5220	5.986	5.855	0.24	9.17	8.5	14.5	Pass
CH48	5240	5.926	6.012	0.24	9.22	8.5	14.5	Pass
CH52	5260	3.775	5.627	0.24	8.05	8.5	8.5	Pass
CH60	5300	3.062	5.131	0.24	7.47	8.5	8.5	Pass
CH64	5320	3.681	5.861	0.24	8.16	8.5	8.5	Pass
CH100	5500	5.480	5.020	0.24	8.51	8.5	8.5	Pass
CH116	5580	6.029	5.156	0.24	8.86	8.5	8.5	Pass
CH140	5700	4.057	5.037	0.24	7.82	8.5	8.5	Pass
CH144	5720	4.518	4.968	0.24	8.00	8.5	8.5	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)		Duty factor	Total Measurement PSD (dBm/500kHz)	Directional Gain (dBi)	Limit (dBm/500KHz)	Result
		Ant0	Ant1					
CH149	5745	5.036	5.176	0.24	8.36	8.5	27.5	Pass
CH157	5785	4.714	4.793	0.24	8.00	8.5	27.5	Pass
CH165	5825	4.371	4.274	0.24	7.57	8.5	27.5	Pass

Mode 1: Transmit by 802.11a with CDD by ant0+1+2+3										
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)				Duty factor	Total Measurement PSD (dBm/MHz)	Directional Gain (dBi)	Limit (dBm/MHz)	Result
		Ant0	Ant1	Ant2	Ant3					
CH36	5180	2.358	2.598	2.707	2.585	0.24	8.82	11.5	11.5	Pass
CH44	5220	1.751	1.627	1.797	1.601	0.24	7.96	11.5	11.5	Pass
CH48	5240	2.027	1.918	1.969	1.834	0.24	8.20	11.5	11.5	Pass
CH52	5260	-0.585	-0.729	-0.229	-0.247	0.24	5.82	11.5	5.5	Pass
CH60	5300	-1.972	-1.529	-0.568	-0.443	0.24	5.18	11.5	5.5	Pass
CH64	5320	-1.709	-1.500	-0.852	0.158	0.24	5.35	11.5	5.5	Pass
CH100	5500	-1.584	-1.261	-0.422	0.910	0.24	5.78	11.5	5.5	Pass
CH116	5580	-1.117	-1.441	0.003	1.036	0.24	5.99	11.5	5.5	Pass
CH140	5700	-1.038	-1.431	-0.188	-0.480	0.24	5.50	11.5	5.5	Pass
CH144	5720	-2.417	-1.964	0.158	0.259	0.24	5.44	11.5	5.5	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)				Duty factor	Total Measurement PSD (dBm/500kHz)	Directional Gain (dBi)	Limit (dBm/500KHz)	Result
		Ant0	Ant1	Ant2	Ant3					
CH149	5745	2.654	2.570	2.683	2.719	0.24	8.92	11.5	24.5	Pass
CH157	5785	3.108	3.250	3.564	3.078	0.24	9.51	11.5	24.5	Pass
CH165	5825	3.670	3.426	3.156	3.183	0.24	9.62	11.5	24.5	Pass

Mode 2: Transmit by 802.11n(20MHz) with CDD by ant0+1								
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)		Duty factor	Total Measurement PSD (dBm/MHz)	Directional Gain (dBi)	Limit (dBm/MHz)	Result
		Ant0	Ant1					
CH36	5180	5.601	5.344	0.26	8.74	8.5	14.5	Pass
CH44	5220	5.633	5.528	0.26	8.85	8.5	14.5	Pass
CH48	5240	5.550	5.443	0.26	8.77	8.5	14.5	Pass
CH52	5260	3.424	5.293	0.26	7.73	8.5	8.5	Pass
CH60	5300	3.030	5.388	0.26	7.64	8.5	8.5	Pass
CH64	5320	2.665	5.394	0.26	7.51	8.5	8.5	Pass
CH100	5500	5.293	4.741	0.26	8.30	8.5	8.5	Pass
CH116	5580	4.946	4.907	0.26	8.20	8.5	8.5	Pass
CH140	5700	3.616	5.312	0.26	7.82	8.5	8.5	Pass
CH144	5720	3.361	4.658	0.26	7.33	8.5	8.5	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)		Duty factor	Total Measurement PSD (dBm/500Hz)	Directional Gain (dBi)	Limit (dBm/500KHz)	Result
		Ant0	Ant1					
CH149	5745	4.918	4.590	0.26	8.03	8.5	27.5	Pass
CH157	5785	4.270	4.349	0.26	7.58	8.5	27.5	Pass
CH165	5825	3.841	3.690	0.26	7.04	8.5	27.5	Pass

Mode 2: Transmit by 802.11n(20MHz) with CDD by ant0+1+2+3										
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)				Duty factor	Total Measurement PSD (dBm/MHz)	Directional Gain (dBi)	Limit (dBm/MHz)	Result
		Ant0	Ant1	Ant2	Ant3					
CH36	5180	1.711	1.339	1.409	1.553	0.26	7.79	11.5	11.5	Pass
CH44	5220	2.142	1.921	1.921	2.100	0.26	8.30	11.5	11.5	Pass
CH48	5240	2.228	2.364	2.437	2.534	0.26	8.67	11.5	11.5	Pass
CH52	5260	-0.678	-0.872	-0.021	0.000	0.26	5.91	11.5	5.5	Pass
CH60	5300	-1.572	-2.020	-1.000	-0.539	0.26	5.03	11.5	5.5	Pass
CH64	5320	-1.679	-1.664	-0.701	-0.579	0.26	5.16	11.5	5.5	Pass
CH100	5500	-0.729	-1.158	-0.407	0.801	0.26	5.97	11.5	5.5	Pass
CH116	5580	0.020	-0.540	-0.005	0.994	0.26	6.43	11.5	5.5	Pass
CH140	5700	-0.957	-2.404	-0.035	-0.201	0.26	5.48	11.5	5.5	Pass
CH144	5720	-2.509	-1.853	0.513	-0.080	0.26	5.47	11.5	5.5	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)				Duty factor	Total Measurement PSD (dBm/500kHz)	Directional Gain (dBi)	Limit (dBm/500KHz)	Result
		Ant0	Ant1	Ant2	Ant3					
CH149	5745	2.229	2.002	2.295	2.274	0.26	8.48	11.5	24.5	Pass
CH157	5785	2.643	2.859	2.715	2.551	0.26	8.97	11.5	24.5	Pass
CH165	5825	2.675	2.883	2.679	2.693	0.26	9.01	11.5	24.5	Pass

Mode 3: Transmit by 802.11n(40MHz) with CDD by ant0+1								
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)		Duty factor	Total Measurement PSD (dBm/MHz)	Directional Gain (dBi)	Limit (dBm/MHz)	Result
		Ant0	Ant1					
CH38	5190	-0.207	-0.293	0.43	3.19	8.5	14.5	Pass
CH46	5230	-0.040	0.438	0.43	3.65	8.5	14.5	Pass
CH54	5270	-1.243	0.195	0.43	2.98	8.5	8.5	Pass
CH62	5310	-1.202	-0.178	0.43	2.78	8.5	8.5	Pass
CH102	5510	1.232	0.211	0.43	4.19	8.5	8.5	Pass
CH110	5550	1.363	0.718	0.43	4.49	8.5	8.5	Pass
CH134	5670	0.501	2.362	0.43	4.97	8.5	8.5	Pass
CH142	5710	1.261	1.896	0.43	5.03	8.5	8.5	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)		Duty factor	Total Measurement PSD (dBm/500kHz)	Directional Gain (dBi)	Limit (dBm/500KHz)	Result
		Ant0	Ant1					
CH151	5755	-0.410	-0.531	0.43	2.97	8.5	27.5	Pass
CH159	5795	-0.309	-0.135	0.43	3.22	8.5	27.5	Pass

Mode 3: Transmit by 802.11n(40MHz) with CDD by ant0+1+2+3										
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)				Duty factor	Total Measurement PSD (dBm/MHz)	Directional Gain (dBi)	Limit (dBm/MHz)	Result
		Ant0	Ant1	Ant2	Ant3					
CH38	5190	-3.908	-4.163	-4.122	-4.129	0.43	2.37	11.5	11.5	Pass
CH46	5230	-3.207	-3.478	-3.236	-3.268	0.43	3.15	11.5	11.5	Pass
CH54	5270	-5.398	-5.671	-4.884	-5.060	0.43	1.21	11.5	5.5	Pass
CH62	5310	-5.573	-6.031	-5.553	-4.812	0.43	0.98	11.5	5.5	Pass
CH102	5510	-4.517	-3.621	-3.288	-2.675	0.43	2.98	11.5	5.5	Pass
CH110	5550	-4.399	-4.146	-3.037	-2.565	0.43	2.98	11.5	5.5	Pass
CH134	5670	-4.116	-3.910	-2.392	-2.998	0.43	3.15	11.5	5.5	Pass
CH142	5710	-5.081	-4.816	-2.650	-2.458	0.43	2.86	11.5	5.5	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)				Duty factor	Total Measurement PSD (dBm/500kHz)	Directional Gain (dBi)	Limit (dBm/500KHz)	Result
		Ant0	Ant1	Ant2	Ant3					
CH151	5755	-3.804	-3.725	-3.657	-3.713	0.43	2.73	11.5	24.5	Pass
CH159	5795	-2.771	-2.849	-2.935	-2.729	0.43	3.63	11.5	24.5	Pass

Mode 4: Transmit by 802.11ac(20MHz) with CDD by ant0+1								
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)		Duty factor	Total Measurement PSD (dBm/MHz)	Directional Gain (dBi)	Limit (dBm/MHz)	Result
		Ant0	Ant1					
CH36	5180	5.624	5.704	0.10	8.77	8.5	14.5	Pass
CH44	5220	5.802	5.853	0.10	8.94	8.5	14.5	Pass
CH48	5240	5.778	5.778	0.10	8.89	8.5	14.5	Pass
CH52	5260	4.962	5.293	0.10	8.24	8.5	8.5	Pass
CH60	5300	4.841	5.388	0.10	8.23	8.5	8.5	Pass
CH64	5320	5.25	5.394	0.10	8.43	8.5	8.5	Pass
CH100	5500	5.336	4.741	0.10	8.16	8.5	8.5	Pass
CH116	5580	6.007	4.907	0.10	8.60	8.5	8.5	Pass
CH140	5700	6.158	5.312	0.10	8.87	8.5	8.5	Pass
CH144	5720	6.185	5.266	0.10	8.86	8.5	8.5	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)		Duty factor	Total Measurement PSD (dBm/500kHz)	Directional Gain (dBi)	Limit (dBm/500KHz)	Result
		Ant0	Ant1					
CH149	5745	5.361	5.370	0.10	8.48	8.5	27.5	Pass
CH157	5785	4.612	4.711	0.10	7.77	8.5	27.5	Pass
CH165	5825	4.586	4.438	0.10	7.62	8.5	27.5	Pass

Mode 4: Transmit by 802.11ac(20MHz) with CDD by ant0+1+2+3										
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)				Duty factor	Total Measurement PSD (dBm/MHz)	Directional Gain (dBi)	Limit (dBm/MHz)	Result
		Ant0	Ant1	Ant2	Ant3					
CH36	5180	1.002	0.834	1.054	0.921	0.10	7.07	11.5	11.5	Pass
CH44	5220	1.498	1.303	1.172	1.493	0.10	7.49	11.5	11.5	Pass
CH48	5240	1.610	1.921	1.668	1.705	0.10	7.85	11.5	11.5	Pass
CH52	5260	-0.775	-1.038	-0.080	-0.052	0.10	5.66	11.5	5.5	Pass
CH60	5300	-2.379	-2.077	-0.959	-0.912	0.10	4.59	11.5	5.5	Pass
CH64	5320	-1.883	-1.827	-0.973	-0.575	0.10	4.84	11.5	5.5	Pass
CH100	5500	-1.710	-1.722	-0.884	0.921	0.10	5.41	11.5	5.5	Pass
CH116	5580	-1.573	-1.689	-0.525	0.206	0.10	5.30	11.5	5.5	Pass
CH140	5700	-2.585	-1.818	-0.044	-0.451	0.10	5.01	11.5	5.5	Pass
CH144	5720	-3.034	-2.243	0.019	-0.305	0.10	4.92	11.5	5.5	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)				Duty factor	Total Measurement PSD (dBm/500kHz)	Directional Gain (dBi)	Limit (dBm/500KHz)	Result
		Ant0	Ant1	Ant2	Ant3					
CH149	5745	2.328	2.259	2.391	2.187	0.10	8.41	11.5	24.5	Pass
CH157	5785	2.696	2.737	2.909	2.992	0.10	8.96	11.5	24.5	Pass
CH165	5825	2.799	2.766	2.781	2.794	0.10	8.91	11.5	24.5	Pass

Mode 5: Transmit by 802.11ac(40MHz) with CDD by ant0+1								
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)		Duty factor	Total Measurement PSD (dBm/MHz)	Directional Gain (dBi)	Limit (dBm/MHz)	Result
		Ant0	Ant1					
CH38	5190	-0.746	-0.675	0.32	2.62	8.5	14.5	Pass
CH46	5230	-0.041	-0.098	0.32	3.26	8.5	14.5	Pass
CH54	5270	0.538	0.195	0.32	3.70	8.5	8.5	Pass
CH62	5310	0.543	-0.178	0.32	3.53	8.5	8.5	Pass
CH102	5510	0.594	0.211	0.32	3.74	8.5	8.5	Pass
CH110	5550	1.133	0.718	0.32	4.26	8.5	8.5	Pass
CH134	5670	2.533	2.362	0.32	5.78	8.5	8.5	Pass
CH142	5710	2.136	2.262	0.32	5.53	8.5	8.5	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)		Duty factor	Total Measurement PSD (dBm/500kHz)	Directional Gain (dBi)	Limit (dBm/500KHz)	Result
		Ant0	Ant1					
CH151	5755	0.027	0.035	0.32	3.36	8.5	27.5	Pass
CH159	5795	-0.209	-0.003	0.32	3.23	8.5	27.5	Pass

Mode 5: Transmit by 802.11ac(40MHz) with CDD by ant0+1+2+3										
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)				Duty factor	Total Measurement PSD (dBm/MHz)	Directional Gain (dBi)	Limit (dBm/MHz)	Result
		Ant0	Ant1	Ant2	Ant3					
CH38	5190	-4.103	-4.187	-4.268	-4.212	0.32	2.15	11.5	11.5	Pass
CH46	5230	-3.749	-3.686	-3.647	-3.626	0.32	2.66	11.5	11.5	Pass
CH54	5270	-5.161	-5.614	-4.659	-4.631	0.32	1.34	11.5	5.5	Pass
CH62	5310	-5.779	-6.400	-5.207	-4.586	0.32	0.90	11.5	5.5	Pass
CH102	5510	-2.898	-3.689	-2.801	-2.567	0.32	3.37	11.5	5.5	Pass
CH110	5550	-2.883	-3.597	-2.649	-2.268	0.32	3.52	11.5	5.5	Pass
CH134	5670	-4.250	-3.669	-2.575	-2.541	0.32	3.14	11.5	5.5	Pass
CH142	5710	-5.222	-5.189	-3.031	-2.406	0.32	2.56	11.5	5.5	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)				Duty factor	Total Measurement PSD (dBm/500kHz)	Directional Gain (dBi)	Limit (dBm/500KHz)	Result
		Ant0	Ant1	Ant2	Ant3					
CH151	5755	-2.926	-3.213	-3.149	-3.163	0.32	3.23	11.5	24.5	Pass
CH159	5795	-3.071	-2.915	-2.989	-2.824	0.32	3.39	11.5	24.5	Pass

Mode 6: Transmit by 802.11ac(80MHz) with CDD by ant0+1								
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)		Duty factor	Total Measurement PSD (dBm/MHz)	Directional Gain (dBi)	Limit (dBm/MHz)	Result
		Ant0	Ant1					
CH42	5210	-3.158	-3.198	0.64	0.47	8.5	14.5	Pass
CH58	5290	-2.462	-2.437	0.64	1.20	8.5	8.5	Pass
CH106	5530	-5.230	-5.157	0.64	-1.54	8.5	8.5	Pass
CH138	5690	-5.126	-5.018	0.64	-1.42	8.5	8.5	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)		Duty factor	Total Measurement PSD (dBm/500kHz)	Directional Gain (dBi)	Limit (dBm/500KHz)	Result
		Ant0	Ant1					
CH155	5775	-1.838	-1.924	0.64	1.13	8.5	27.5	Pass

Mode 6: Transmit by 802.11ac(80MHz) with CDD by ant0+1+2+3									
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)				Duty factor	Total Measurement PSD (dBm/MHz)	Directional Gain (dBi)	Limit (dBm/MHz)	Result
		Ant0	Ant1	Ant2	Ant3					
CH42	5210	-7.109	-7.151	-7.055	-7.175	0.64	-0.46	11.5	11.5	Pass
CH58	5290	-8.723	-9.266	-8.045	-8.279	0.64	-1.89	11.5	5.5	Pass
CH106	5530	-8.157	-8.357	-7.648	-7.016	0.64	-1.10	11.5	5.5	Pass
CH138	5690	-9.861	-9.925	-7.761	-8.298	0.64	-2.20	11.5	5.5	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)				Duty factor	Total Measurement PSD (dBm/500kHz)	Directional Gain (dBi)	Limit (dBm/500KHz)	Result
		Ant0	Ant1	Ant2	Ant3					
CH155	5775	-6.072	-6.117	-6.095	-5.951	0.64	0.60	11.5	24.5	Pass

Mode 10: Transmit by 802.11ax(160MHz) with CDD by ant0+1								
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)		Duty factor	Total Measurement PSD (dBm/MHz)	Directional Gain (dBi)	Limit (dBm/MHz)	Result
		Ant0	Ant1					
CH50	5250	-5.25	-5.87	0.49	-2.05	8.5	14.5	Pass
CH144	5570	-7.04	-7.34	0.49	-3.68	8.5	14.5	Pass

Mode 10: Transmit by 802.11ax(160MHz) with CDD by ant0+1+2+3									
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)				Duty factor	Total Measurement PSD (dBm/500kHz)	Directional Gain (dBi)	Limit (dBm/MHz)	Result
		Ant0	Ant1	Ant2	Ant3					
CH50	5250	-10.83	-11.05	-10.20	-10.69	0.49	-4.17	11.5	11.5	Pass
CH144	5570	-10.64	-10.41	-10.50	-11.13	0.49	-4.15	11.5	11.5	Pass

Mode 11: Transmit by 802.11a with Beam-forming by ant0+1								
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)		Duty factor	Total Measurement PSD (dBm/MHz)	Directional Gain (dBi)	Limit (dBm/MHz)	Result
		Ant0	Ant1					
CH36	5180	6.088	6.005	0.25	9.31	8.5	14.5	Pass
CH44	5220	6.079	6.080	0.25	9.34	8.5	14.5	Pass
CH48	5240	5.973	5.857	0.25	9.18	8.5	14.5	Pass
CH52	5260	5.369	4.382	0.25	8.16	8.5	8.5	Pass
CH60	5300	5.640	5.343	0.25	8.75	8.5	8.5	Pass
CH64	5320	5.812	5.607	0.25	8.97	8.5	8.5	Pass
CH100	5500	4.612	4.317	0.25	7.73	8.5	8.5	Pass
CH116	5580	3.997	4.371	0.25	7.45	8.5	8.5	Pass
CH140	5700	4.991	5.219	0.25	8.37	8.5	8.5	Pass
CH144	5720	4.259	4.877	0.25	7.84	8.5	8.5	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)		Duty factor	Total Measurement PSD (dBm/500kHz)	Directional Gain (dBi)	Limit (dBm/500KHz)	Result
		Ant0	Ant1					
CH149	5745	5.022	4.964	0.25	8.25	8.5	27.5	Pass
CH157	5785	4.841	4.626	0.25	8.00	8.5	27.5	Pass
CH165	5825	4.432	4.331	0.25	7.64	8.5	27.5	Pass

Mode 11: Transmit by 802.11a with Beam-forming by ant0+1+2+3										
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)				Duty factor	Total Measurement PSD (dBm/MHz)	Directional Gain (dBi)	Limit (dBm/MHz)	Result
		Ant0	Ant1	Ant2	Ant3					
CH36	5180	2.012	1.947	1.997	2.080	0.25	8.28	11.5	11.5	Pass
CH44	5220	2.327	2.247	2.039	2.271	0.25	8.49	11.5	11.5	Pass
CH48	5240	2.792	2.581	2.651	2.633	0.25	8.94	11.5	11.5	Pass
CH52	5260	-2.515	-2.112	-1.526	-2.054	0.25	4.22	11.5	5.5	Pass
CH60	5300	-3.682	-3.665	-2.446	-2.608	0.25	3.20	11.5	5.5	Pass
CH64	5320	-3.237	-3.403	-2.491	-2.196	0.25	3.46	11.5	5.5	Pass
CH100	5500	-2.657	-3.192	-2.596	-1.098	0.25	3.95	11.5	5.5	Pass
CH116	5580	-3.151	-2.900	-2.845	-1.069	0.25	3.85	11.5	5.5	Pass
CH140	5700	-2.983	-2.763	-1.789	-1.924	0.25	3.93	11.5	5.5	Pass
CH144	5720	-3.260	-3.490	-2.451	-2.666	0.25	3.31	11.5	5.5	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)				Duty factor	Total Measurement PSD (dBm/500kHz)	Directional Gain (dBi)	Limit (dBm/500KHz)	Result
		Ant0	Ant1	Ant2	Ant3					
CH149	5745	1.705	1.581	1.513	1.498	0.25	7.85	11.5	24.5	Pass
CH157	5785	2.217	2.121	2.322	2.148	0.25	8.47	11.5	24.5	Pass
CH165	5825	1.994	1.862	1.689	1.945	0.25	8.14	11.5	24.5	Pass

Mode 12: Transmit by 802.11n(20MHz) with Beam-forming by ant0+1								
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)		Duty factor	Total Measurement PSD (dBm/MHz)	Directional Gain (dBi)	Limit (dBm/MHz)	Result
		Ant0	Ant1					
CH36	5180	5.358	5.515	0.23	8.68	8.5	14.5	Pass
CH44	5220	5.680	5.596	0.23	8.88	8.5	14.5	Pass
CH48	5240	5.581	5.536	0.23	8.80	8.5	14.5	Pass
CH52	5260	4.685	4.890	0.23	8.03	8.5	8.5	Pass
CH60	5300	5.541	5.254	0.23	8.64	8.5	8.5	Pass
CH64	5320	5.482	5.014	0.23	8.49	8.5	8.5	Pass
CH100	5500	3.871	3.892	0.23	7.12	8.5	8.5	Pass
CH116	5580	4.502	4.383	0.23	7.68	8.5	8.5	Pass
CH140	5700	4.505	4.636	0.23	7.81	8.5	8.5	Pass
CH144	5720	4.402	5.021	0.23	7.96	8.5	8.5	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)		Duty factor	Total Measurement PSD (dBm/500kHz)	Directional Gain (dBi)	Limit (dBm/500KHz)	Result
		Ant0	Ant1					
CH149	5745	4.934	4.714	0.23	8.07	8.5	27.5	Pass
CH157	5785	4.423	4.264	0.23	7.58	8.5	27.5	Pass
CH165	5825	3.740	4.108	0.23	7.17	8.5	27.5	Pass

Mode 12: Transmit by 802.11n(20MHz) with Beam-forming by ant0+1+2+3										
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)				Duty factor	Total Measurement PSD (dBm/MHz)	Directional Gain (dBi)	Limit (dBm/MHz)	Result
		Ant0	Ant1	Ant2	Ant3					
CH36	5180	1.390	1.214	1.367	1.262	0.23	7.56	11.5	11.5	Pass
CH44	5220	1.734	1.649	1.845	1.675	0.23	7.98	11.5	11.5	Pass
CH48	5240	1.930	2.032	1.823	1.916	0.23	8.18	11.5	11.5	Pass
CH52	5260	-3.057	-3.212	-2.106	-2.557	0.23	3.57	11.5	5.5	Pass
CH60	5300	-3.967	-3.889	-3.249	-2.957	0.23	2.79	11.5	5.5	Pass
CH64	5320	-3.383	-3.835	-3.253	-3.024	0.23	2.92	11.5	5.5	Pass
CH100	5500	-2.760	-2.874	-2.968	-1.603	0.23	3.77	11.5	5.5	Pass
CH116	5580	-2.295	-2.994	-2.556	-1.198	0.23	4.07	11.5	5.5	Pass
CH140	5700	-3.405	-3.308	-2.280	-2.549	0.23	3.42	11.5	5.5	Pass
CH144	5720	-2.856	-3.131	-2.229	-1.886	0.23	3.78	11.5	5.5	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)				Duty factor	Total Measurement PSD (dBm/500kHz)	Directional Gain (dBi)	Limit (dBm/500KHz)	Result
		Ant0	Ant1	Ant2	Ant3					
CH149	5745	0.794	0.824	0.857	0.785	0.23	7.07	12	24.5	Pass
CH157	5785	1.264	1.314	1.557	1.381	0.23	7.63	12	24.5	Pass
CH165	5825	1.266	1.745	1.705	1.635	0.23	7.84	12	24.5	Pass

Mode 13: Transmit by 802.11n(40MHz) with Beam-forming by ant0+1								
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)		Duty factor	Total Measurement PSD (dBm/MHz)	Directional Gain (dBi)	Limit (dBm/MHz)	Result
		Ant0	Ant1					
CH38	5190	-0.151	-0.171	0.46	3.31	8.5	14.5	Pass
CH46	5230	0.637	0.352	0.46	3.97	8.5	14.5	Pass
CH54	5270	0.654	0.833	0.46	4.21	8.5	8.5	Pass
CH62	5310	1.364	0.646	0.46	4.49	8.5	8.5	Pass
CH102	5510	0.846	1.150	0.46	4.47	8.5	8.5	Pass
CH110	5550	0.540	0.937	0.46	4.21	8.5	8.5	Pass
CH134	5670	3.330	2.700	0.46	6.50	8.5	8.5	Pass
CH142	5710	3.234	3.107	0.46	6.64	8.5	8.5	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)		Duty factor	Total Measurement PSD (dBm/500kHz)	Directional Gain (dBi)	Limit (dBm/500KHz)	Result
		Ant0	Ant1					
CH151	5755	-0.376	-0.334	0.46	3.12	8.5	27.5	Pass
CH159	5795	-0.017	0.000	0.46	3.46	8.5	27.5	Pass

Mode 13: Transmit by 802.11n(40MHz) with Beam-forming by ant0+1+2+3										
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)				Duty factor	Total Measurement PSD (dBm/MHz)	Directional Gain (dBi)	Limit (dBm/MHz)	Result
		Ant0	Ant1	Ant2	Ant3					
CH38	5190	-3.304	-3.246	-3.496	-3.283	0.46	3.15	11.5	11.5	Pass
CH46	5230	-2.492	-2.396	-2.392	-2.489	0.46	4.04	11.5	11.5	Pass
CH54	5270	-5.122	-5.841	-5.267	-5.331	0.46	1.07	11.5	5.5	Pass
CH62	5310	-5.655	-6.032	-6.161	-4.913	0.46	0.79	11.5	5.5	Pass
CH102	5510	-4.758	-5.260	-4.682	-4.652	0.46	1.62	11.5	5.5	Pass
CH110	5550	-5.472	-4.857	-4.836	-4.186	0.46	1.64	11.5	5.5	Pass
CH134	5670	-5.459	-5.192	-4.545	-4.980	0.46	1.42	11.5	5.5	Pass
CH142	5710	-5.897	-5.437	-5.092	-5.229	0.46	1.05	11.5	5.5	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)				Duty factor	Total Measurement PSD (dBm/500kHz)	Directional Gain (dBi)	Limit (dBm/500KHz)	Result
		Ant0	Ant1	Ant2	Ant3					
CH151	5755	-2.952	-2.893	-2.708	-2.402	0.46	3.75	11.5	24.5	Pass
CH159	5795	-2.878	-2.342	-2.457	-2.533	0.46	3.93	11.5	24.5	Pass

Mode 14: Transmit by 802.11ac(20MHz) with Beam-forming by ant0+1								
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)		Duty factor	Total Measurement PSD (dBm/MHz)	Directional Gain (dBi)	Limit (dBm/MHz)	Result
		Ant0	Ant1					
CH36	5180	5.526	5.664	0.11	8.72	8.5	14.5	Pass
CH44	5220	5.743	5.733	0.11	8.86	8.5	14.5	Pass
CH48	5240	5.742	5.684	0.11	8.83	8.5	14.5	Pass
CH52	5260	4.817	4.573	0.11	7.82	8.5	8.5	Pass
CH60	5300	5.692	5.092	0.11	8.52	8.5	8.5	Pass
CH64	5320	5.229	4.564	0.11	8.03	8.5	8.5	Pass
CH100	5500	4.059	3.452	0.11	6.89	8.5	8.5	Pass
CH116	5580	4.097	3.782	0.11	7.06	8.5	8.5	Pass
CH140	5700	6.047	5.998	0.11	9.14	8.5	8.5	Pass
CH144	5720	5.055	4.294	0.11	7.81	8.5	8.5	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)		Duty factor	Total Measurement PSD (dBm/500kHz)	Directional Gain (dBi)	Limit (dBm/500KHz)	Result
		Ant0	Ant1					
CH149	5745	5.127	5.323	0.11	8.35	8.5	27.5	Pass
CH157	5785	4.634	4.466	0.11	7.67	8.5	27.5	Pass
CH165	5825	4.484	4.450	0.11	7.59	8.5	27.5	Pass

Mode 14: Transmit by 802.11ac(20MHz) with Beam-forming by ant0+1+2+3										
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)				Duty factor	Total Measurement PSD (dBm/MHz)	Directional Gain (dBi)	Limit (dBm/MHz)	Result
		Ant0	Ant1	Ant2	Ant3					
CH36	5180	1.844	1.635	1.745	1.493	0.11	7.81	11.5	11.5	Pass
CH44	5220	2.032	2.252	2.055	2.051	0.11	8.23	11.5	11.5	Pass
CH48	5240	2.372	2.433	2.266	2.375	0.11	8.49	11.5	5.5	Pass
CH52	5260	-3.175	-2.968	-2.314	-2.409	0.11	3.42	11.5	5.5	Pass
CH60	5300	-3.739	-3.439	-2.900	-2.591	0.11	2.98	11.5	5.5	Pass
CH64	5320	-3.466	-3.963	-2.862	-2.402	0.11	2.99	11.5	5.5	Pass
CH100	5500	-3.959	-3.453	-3.330	-1.697	0.11	3.10	11.5	5.5	Pass
CH116	5580	-2.703	-2.870	-2.128	-1.496	0.11	3.86	11.5	5.5	Pass
CH140	5700	-3.217	-2.961	-1.754	-1.545	0.11	3.81	11.5	5.5	Pass
CH144	5720	-3.555	-3.556	-2.011	-1.803	0.11	3.47	11.5	5.5	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)				Duty factor	Total Measurement PSD (dBm/500kHz)	Directional Gain (dBi)	Limit (dBm/500KHz)	Result
		Ant0	Ant1	Ant2	Ant3					
CH149	5745	0.868	0.928	1.072	0.779	0.11	7.04	11.5	24.5	Pass
CH157	5785	1.364	1.466	1.392	1.236	0.11	7.50	11.5	24.5	Pass
CH165	5825	1.335	1.502	1.509	1.437	0.11	7.58	11.5	24.5	Pass

Mode 15: Transmit by 802.11ac(40MHz) with Beam-forming by ant0+1								
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)		Duty factor	Total Measurement PSD (dBm/MHz)	Directional Gain (dBi)	Limit (dBm/MHz)	Result
		Ant0	Ant1					
CH38	5190	-0.826	-0.706	0.16	2.40	8.5	14.5	Pass
CH46	5230	-0.055	-0.109	0.16	3.09	8.5	14.5	Pass
CH54	5270	0.891	0.514	0.16	3.88	8.5	8.5	Pass
CH62	5310	1.284	1.438	0.16	4.53	8.5	8.5	Pass
CH102	5510	1.079	1.836	0.16	4.64	8.5	8.5	Pass
CH110	5550	1.190	0.962	0.16	4.25	8.5	8.5	Pass
CH134	5670	3.442	3.880	0.16	6.84	8.5	8.5	Pass
CH142	5710	3.770	3.851	0.16	6.98	8.5	8.5	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)		Duty factor	Total Measurement PSD (dBm/500kHz)	Directional Gain (dBi)	Limit (dBm/500KHz)	Result
		Ant0	Ant1					
CH151	5755	0.153	-0.129	0.16	3.18	8.5	27.5	Pass
CH159	5795	0.181	0.122	0.16	3.32	8.5	27.5	Pass

Mode 15: Transmit by 802.11ac(40MHz) with Beam-forming by ant0+1+2+3										
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)				Duty factor	Total Measurement PSD (dBm/MHz)	Directional Gain (dBi)	Limit (dBm/MHz)	Result
		Ant0	Ant1	Ant2	Ant3					
CH38	5190	-4.346	-4.258	-4.055	-4.554	0.16	1.88	11.5	11.5	Pass
CH46	5230	-3.602	-3.512	-3.848	-3.754	0.16	2.50	11.5	11.5	Pass
CH54	5270	-5.611	-6.517	-5.184	-5.380	0.16	0.70	11.5	5.5	Pass
CH62	5310	-6.032	-6.561	-5.834	-4.964	0.16	0.53	11.5	5.5	Pass
CH102	5510	-5.122	-5.679	-4.711	-4.294	0.16	1.42	11.5	5.5	Pass
CH110	5550	-5.596	-5.511	-4.544	-4.196	0.16	1.42	11.5	5.5	Pass
CH134	5670	-5.220	-5.437	-3.936	-5.114	0.16	1.45	11.5	5.5	Pass
CH142	5710	-5.034	-5.859	-4.532	-5.345	0.16	1.17	11.5	5.5	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)				Duty factor	Total Measurement PSD (dBm/500kHz)	Directional Gain (dBi)	Limit (dBm/500KHz)	Result
		Ant0	Ant1	Ant2	Ant3					
CH151	5755	-3.743	-3.527	-4.054	-3.828	0.16	2.40	11.5	24.5	Pass
CH159	5795	-3.313	-3.284	-3.354	-3.336	0.16	2.86	11.5	24.5	Pass