

CDD, SDM & Beamforming (MCS0 NSS=3)_MODE								
CHANNEL	FREQUENCY (MHz)	AVERAGE POWER (dBm)			TOTAL POWER (mW)	TOTAL POWER (dBm)	POWER LIMIT (dBm)	PASS / FAIL
		CHAIN 0	CHAIN 1	CHAIN 2				
802.11ac (VHT20)								
144 (UNII-2c Band)	5720	13.03	14.07	13.31	67.047	18.26	22.84	PASS
144 (UNII-3 Band)	5720	7.12	7.97	7.86	17.527	12.44	24.20	PASS
802.11ac (VHT40)								
142 (UNII-2c Band)	5710	11.48	12.97	12.80	52.930	17.24	24	PASS
142 (UNII-3 Band)	5710	1.10	2.56	2.65	4.932	6.93	24.36	PASS
802.11ac (VHT80)								
138 (UNII-2c Band)	5690	11.36	12.55	12.77	52.37	17.19	24	PASS
138 (UNII-3 Band)	5690	-2.93	-1.42	-1.05	2.0859	3.19	25.15	PASS
For CH138: Average Power (dBm)= measured value(dBm) + Duty Factor (0.15dB)								

Beamforming (MCS0 NSS=1)_MODE								
CHANNEL	FREQUENCY (MHz)	AVERAGE POWER (dBm)			TOTAL POWER (mW)	TOTAL POWER (dBm)	POWER LIMIT (dBm)	PASS / FAIL
		CHAIN 0	CHAIN 1	CHAIN 2				
802.11ac (VHT20)								
144 (UNII-2c Band)	5720	13.03	14.07	13.31	67.047	18.26	19.32	PASS
144 (UNII-3 Band)	5720	7.12	7.97	7.86	17.527	12.44	20.74	PASS
802.11ac (VHT40)								
142 (UNII-2c Band)	5710	11.48	12.97	12.80	52.930	17.24	20.48	PASS
142 (UNII-3 Band)	5710	1.10	2.56	2.65	4.932	6.93	20.90	PASS
802.11ac (VHT80)								
138 (UNII-2c Band)	5690	11.36	12.55	12.77	52.37	17.19	20.48	PASS
138 (UNII-3 Band)	5690	-2.93	-1.42	-1.05	2.0859	3.19	21.69	PASS
For CH138: Average Power (dBm)= measured value(dBm) + Duty Factor (0.15dB)								
NOTE:								
5250~5350MHz: Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + 10^{G3/20})^2 / 3] = 9.46\text{dBi} > 6\text{dBi}$, so the power limit shall be reduced to "Determined Conducted Limit-(9.46-6)".								
5470~5725MHz (Except for UNII-3 Band): Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + 10^{G3/20})^2 / 3] = 9.52\text{dBi} > 6\text{dBi}$, so the power limit shall be reduced to "Determined Conducted Limit-(9.52-6)".								
5725~5825MHz (For UNII-3 Band): Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + 10^{G3/20})^2 / 3] = 9.46\text{dBi} > 6\text{dBi}$, so the power limit shall be reduced to "Determined Conducted Limit-(9.46-6)".								

Beamforming (MCS0 NSS=2)_MODE								
CHANNEL	FREQUENCY (MHz)	AVERAGE POWER (dBm)			TOTAL POWER (mW)	TOTAL POWER (dBm)	POWER LIMIT (dBm)	PASS / FAIL
		CHAIN 0	CHAIN 1	CHAIN 2				
802.11ac (VHT20)								
144 (UNII-2c Band)	5720	13.03	14.07	13.31	67.047	18.26	21.33	PASS
144 (UNII-3 Band)	5720	7.12	7.97	7.86	17.527	12.44	22.73	PASS
802.11ac (VHT40)								
142 (UNII-2c Band)	5710	11.48	12.97	12.80	52.930	17.24	22.49	PASS
142 (UNII-3 Band)	5710	1.10	2.56	2.65	4.932	6.93	22.89	PASS
802.11ac (VHT80)								
138 (UNII-2c Band)	5690	11.36	12.55	12.77	52.37	17.19	22.49	PASS
138 (UNII-3 Band)	5690	-2.93	-1.42	-1.05	2.0859	3.19	23.68	PASS
For CH138: Average Power (dBm)= measured value(dBm) + Duty Factor (0.15dB)								
NOTE:								
5250~5350MHz: Directional gain = maximum gain of antennas + $10 \log(3/2) = 7.51\text{dBi} > 6\text{dBi}$, so the power limit shall be reduced to "Determined Conducted Limit-(7.51-6)".								
5470~5725MHz (Except for UNII-3 Band): Directional gain = maximum gain of antennas + $10 \log(3/2) = 7.51\text{dBi} > 6\text{dBi}$, so the power limit shall be reduced to "Determined Conducted Limit-(7.51-6)".								
5725~5825MHz (For UNII-3 Band): Directional gain = maximum gain of antennas + $10 \log(3/2) = 7.47\text{dBi} > 6\text{dBi}$, so the power limit shall be reduced to "Determined Conducted Limit-(7.47-6)".								

STBC_MODE								
CHANNEL	FREQUENCY (MHz)	AVERAGE POWER (dBm)			TOTAL POWER (mW)	TOTAL POWER (dBm)	POWER LIMIT (dBm)	PASS / FAIL
		CHAIN 0	CHAIN 1	CHAIN 2				
802.11ac (VHT20)								
144 (UNII-2c Band)	5720	11.17	13.03	12.56	51.213	17.09	22.80	PASS
144 (UNII-3 Band)	5720	5.38	7.15	6.83	13.458	11.29	24.15	PASS
802.11ac (VHT40)								
142 (UNII-2c Band)	5710	13.33	14.97	14.65	82.107	19.14	24	PASS
142 (UNII-3 Band)	5710	2.88	4.52	4.45	7.558	8.78	24.33	PASS
802.11ac (VHT80)								
138 (UNII-2c Band)	5690	13.43	14.68	14.60	83.069	19.19	24	PASS
138 (UNII-3 Band)	5690	-0.91	0.63	0.76	3.2692	5.14	24.79	PASS

CDD, SDM & Beamforming (MCS0 NSS=2)_MODE							
CHANNEL	FREQUENCY (MHz)	AVERAGE POWER (dBm)		TOTAL POWER (mW)	TOTAL POWER (dBm)	POWER LIMIT (dBm)	PASS / FAIL
		CHAIN 0	CHAIN 1				
802.11ac (VHT20)							
144 (UNII-2c Band)	5720	12.36	14.34	44.383	16.47	22.83	PASS
144 (UNII-3 Band)	5720	6.47	8.48	11.483	10.60	24.22	PASS
802.11ac (VHT40)							
142 (UNII-2c Band)	5710	14.99	16.90	80.528	19.06	24	PASS
142 (UNII-3 Band)	5710	4.43	6.48	7.219	8.58	24.42	PASS
802.11ac (VHT80)							
138 (UNII-2c Band)	5690	15.66	17.30	96.912	19.86	24	PASS
138 (UNII-3 Band)	5690	1.16	3.29	3.682	5.66	25.11	PASS
For CH138: Average Power (dBm)= measured value(dBm) + Duty Factor (0.3dB)							

CDD, SDM & Beamforming (MCS0 NSS=2)_MODE							
CHANNEL	FREQUENCY (MHz)	AVERAGE POWER (dBm)		TOTAL POWER (mW)	TOTAL POWER (dBm)	POWER LIMIT (dBm)	PASS / FAIL
		CHAIN 0	CHAIN 1				
802.11ac (VHT20)							
144 (UNII-2c Band)	5720	12.36	14.34	44.383	16.47	22.83	PASS
144 (UNII-3 Band)	5720	6.47	8.48	11.483	10.60	24.22	PASS
802.11ac (VHT40)							
142 (UNII-2c Band)	5710	14.99	16.90	80.528	19.06	24	PASS
142 (UNII-3 Band)	5710	4.43	6.48	7.219	8.58	24.42	PASS
802.11ac (VHT80)							
138 (UNII-2c Band)	5690	15.66	17.30	96.912	19.86	24	PASS
138 (UNII-3 Band)	5690	1.16	3.29	3.682	5.66	25.11	PASS
For CH138: Average Power (dBm)= measured value(dBm) + Duty Factor (0.3dB)							

STBC_MODE							
CHANNEL	FREQUENCY (MHz)	AVERAGE POWER (dBm)		TOTAL POWER (mW)	TOTAL POWER (dBm)	POWER LIMIT (dBm)	PASS / FAIL
		CHAIN 0	CHAIN 1				
802.11ac (VHT20)							
144 (UNII-2c Band)	5720	12.36	14.34	44.383	16.47	22.83	PASS
144 (UNII-3 Band)	5720	6.47	8.48	11.483	10.60	24.22	PASS
802.11ac (VHT40)							
142 (UNII-2c Band)	5710	15.66	17.52	93.307	19.70	24	PASS
142 (UNII-3 Band)	5710	5.01	7.14	8.346	9.21	25.38	PASS
802.11ac (VHT80)							
138 (UNII-2c Band)	5690	15.66	17.30	96.912	19.86	24	PASS
138 (UNII-3 Band)	5690	1.16	3.29	3.682	5.66	25.11	PASS
For CH138: Average Power (dBm)= measured value(dBm) + Duty Factor (0.3dB)							

802.11a					
CHANNEL	CHANNEL FREQUENCY (MHz)	AVERAGE POWER (mW)	AVERAGE POWER (dBm)	POWER LIMIT (dBm)	PASS/FAIL
144 (UNII-2c Band)	5720	12.474	10.96	22.86	PASS
144 (UNII-3 Band)	5720	2.838	4.53	24.22	PASS