

HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, HORIZONTAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	7759.000	38.22	8.09	46.31	74.00	-27.69	peak
2	8936.000	38.60	9.96	48.56	74.00	-25.44	peak
3	11829.000	35.19	15.57	50.76	74.00	-23.24	peak
4	14799.000	33.41	16.80	50.21	74.00	-23.79	peak
5	16988.000	30.99	20.20	51.19	74.00	-22.81	peak
6	17670.000	30.24	21.70	51.94	74.00	-22.06	peak

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, VERTICAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	8155.000	37.16	8.98	46.14	74.00	-27.86	peak
2	8936.000	38.61	9.96	48.57	74.00	-25.43	peak
3	11741.000	34.81	15.28	50.09	74.00	-23.91	peak
4	13523.000	33.48	16.42	49.90	74.00	-24.10	peak
5	16856.000	31.33	19.87	51.20	74.00	-22.80	peak
6	17659.000	29.83	21.63	51.46	74.00	-22.54	peak

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	8122.000	37.18	8.70	45.88	74.00	-28.12	peak
2	9079.000	37.33	10.10	47.43	74.00	-26.57	peak
3	11345.000	36.25	14.06	50.31	74.00	-23.69	peak
4	11829.000	35.18	15.57	50.75	74.00	-23.25	peak
5	16845.000	32.42	19.85	52.27	74.00	-21.73	peak
6	17714.000	30.10	22.04	52.14	74.00	-21.86	peak

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, VERTICAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	7880.000	38.47	8.01	46.48	74.00	-27.52	peak
2	9068.000	37.98	10.17	48.15	74.00	-25.85	peak
3	11345.000	36.04	14.06	50.10	74.00	-23.90	peak
4	11840.000	35.89	15.56	51.45	74.00	-22.55	peak
5	17230.000	30.33	20.99	51.32	74.00	-22.68	peak
6	17725.000	29.90	22.13	52.03	74.00	-21.97	peak

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



STRADDLE CHANNEL 142



HARMONICS AND SPURIOUS EMISSIONS (HORIZONTAL)

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.







No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	8221.000	37.33	9.28	46.61	74.00	-27.39	peak
2	9134.000	38.26	9.73	47.99	74.00	-26.01	peak
3	11356.000	35.70	14.09	49.79	74.00	-24.21	peak
4	11829.000	34.84	15.57	50.41	74.00	-23.59	peak
5	13600.000	33.48	16.43	49.91	74.00	-24.09	peak
6	17131.000	30.21	20.76	50.97	74.00	-23.03	peak

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



UNII-3 BAND

HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	7880.000	38.15	8.01	46.16	74.00	-27.84	peak
2	8969.000	36.78	10.31	47.09	74.00	-26.91	peak
3	11818.000	35.02	15.58	50.60	74.00	-23.40	peak
4	13897.000	32.91	16.90	49.81	74.00	-24.19	peak
5	17241.000	30.84	20.97	51.81	74.00	-22.19	peak
6	17725.000	29.97	22.13	52.10	74.00	-21.90	peak

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	8342.000	37.64	8.81	46.45	74.00	-27.55	peak
2	9200.000	38.21	9.29	47.50	74.00	-26.50	peak
3	11796.000	35.17	15.59	50.76	74.00	-23.24	peak
4	13567.000	33.37	16.42	49.79	74.00	-24.21	peak
5	17230.000	30.66	20.99	51.65	74.00	-22.35	peak
6	17725.000	30.11	22.13	52.24	74.00	-21.76	peak

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	8265.000	37.25	9.11	46.36	74.00	-27.64	peak
2	9266.000	38.73	9.62	48.35	74.00	-25.65	peak
3	11862.000	34.51	15.52	50.03	74.00	-23.97	peak
4	13589.000	32.99	16.42	49.41	74.00	-24.59	peak
5	17120.000	31.21	20.72	51.93	74.00	-22.07	peak
6	17956.000	29.31	22.68	51.99	74.00	-22.01	peak

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, VERTICAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	7891.000	38.15	7.98	46.13	74.00	-27.87	peak
2	9266.000	38.68	9.62	48.30	74.00	-25.70	peak
3	11829.000	35.15	15.57	50.72	74.00	-23.28	peak
4	13919.000	32.73	16.89	49.62	74.00	-24.38	peak
5	17241.000	30.08	20.97	51.05	74.00	-22.95	peak
6	17813.000	29.08	22.72	51.80	74.00	-22.20	peak

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.

5. For the transmitting duration, please refer to clause 7.1.

6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.



8.3.4. 802.11ac VHT80 MIMO MODE

UNII-1 BAND

5.6
when an an an an an and the second
3600.000 14700.000 15800.000 18000.000MHz
(dBuV/m) (dB)
74.00 -23.35 peak
74.00 -27.44 peak
74.00 -23.56 peak
74.00 -23.63 peak
74.00 -22.10 peak

HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	8331.000	44.07	8.85	52.92	74.00	-21.08	peak
2	9123.000	37.16	9.81	46.97	74.00	-27.03	peak
3	11829.000	34.89	15.57	50.46	74.00	-23.54	peak
4	13919.000	33.12	16.89	50.01	74.00	-23.99	peak
5	17219.000	30.47	21.01	51.48	74.00	-22.52	peak
6	17725.000	30.00	22.13	52.13	74.00	-21.87	peak

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



UNII-2A BAND

HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)



1	8463.000	41.74	8.55	50.29	74.00	-23.71	peak
2	8980.000	36.46	10.41	46.87	74.00	-27.13	peak
3	11818.000	35.04	15.58	50.62	74.00	-23.38	peak
4	13919.000	32.69	16.89	49.58	74.00	-24.42	peak
5	17230.000	30.42	20.99	51.41	74.00	-22.59	peak
6	18000.000	29.51	22.67	52.18	74.00	-21.82	peak

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	8463.000	42.15	8.55	50.70	74.00	-23.30	peak
2	9134.000	36.99	9.73	46.72	74.00	-27.28	peak
3	11378.000	35.04	14.15	49.19	74.00	-24.81	peak
4	11796.000	34.82	15.59	50.41	74.00	-23.59	peak
5	14755.000	33.09	16.72	49.81	74.00	-24.19	peak
6	17175.000	30.88	20.94	51.82	74.00	-22.18	peak

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



UNII-2C BAND

HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	8276.000	37.04	9.06	46.10	74.00	-27.90	peak
2	9079.000	36.84	10.10	46.94	74.00	-27.06	peak
3	11818.000	34.94	15.58	50.52	74.00	-23.48	peak
4	13853.000	32.97	16.93	49.90	74.00	-24.10	peak
5	15580.000	32.42	16.65	49.07	74.00	-24.93	peak
6	17659.000	30.19	21.63	51.82	74.00	-22.18	peak

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)



NO.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	8034.000	37.97	7.95	45.92	74.00	-28.08	peak
2	9200.000	37.09	9.29	46.38	74.00	-27.62	peak
3	11829.000	35.01	15.57	50.58	74.00	-23.42	peak
4	13919.000	32.92	16.89	49.81	74.00	-24.19	peak
5	17274.000	31.35	20.93	52.28	74.00	-21.72	peak
6	17714.000	29.67	22.04	51.71	74.00	-22.29	peak

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	7715.000	38.24	7.92	46.16	74.00	-27.84	peak
2	8969.000	37.94	10.31	48.25	74.00	-25.75	peak
3	11829.000	34.64	15.57	50.21	74.00	-23.79	peak
4	12742.000	34.32	15.54	49.86	74.00	-24.14	peak
5	17285.000	31.04	20.92	51.96	74.00	-22.04	peak
6	17725.000	30.12	22.13	52.25	74.00	-21.75	peak

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, VERTICAL)



	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	7759.000	38.45	8.09	46.54	74.00	-27.46	peak
2	8969.000	37.78	10.31	48.09	74.00	-25.91	peak
3	11367.000	35.47	14.11	49.58	74.00	-24.42	peak
4	11829.000	34.36	15.57	49.93	74.00	-24.07	peak
5	13523.000	33.75	16.42	50.17	74.00	-23.83	peak
6	17692.000	29.77	21.87	51.64	74.00	-22.36	peak

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



STRADDLE CHANNEL 138

HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)



(IVI⊓∠)	(ubuv)	(ub/iii)	(ubuv/iii)	(ubuv/iii)	(UD)	
8265.000	37.70	9.11	46.81	74.00	-27.19	peak
9310.000	37.55	9.86	47.41	74.00	-26.59	peak
11785.000	34.84	15.52	50.36	74.00	-23.64	peak
14810.000	34.36	16.80	51.16	74.00	-22.84	peak
16867.000	31.14	19.90	51.04	74.00	-22.96	peak
17615.000	29.95	21.29	51.24	74.00	-22.76	peak
	8265.000 9310.000 11785.000 14810.000 16867.000 17615.000	(MH2) (UBdV) 8265.000 37.70 9310.000 37.55 11785.000 34.84 14810.000 34.36 16867.000 31.14 17615.000 29.95	(MH2) (dbdv) (dbm) 8265.000 37.70 9.11 9310.000 37.55 9.86 11785.000 34.84 15.52 14810.000 34.36 16.80 16867.000 31.14 19.90 17615.000 29.95 21.29	(MHZ)(dBdV)(dBM)(dBdV)8265.00037.709.1146.819310.00037.559.8647.4111785.00034.8415.5250.3614810.00034.3616.8051.1616867.00031.1419.9051.0417615.00029.9521.2951.24	(M12)(dBdV)(dBdV)(dBdV)(dBdV)8265.00037.709.1146.8174.009310.00037.559.8647.4174.0011785.00034.8415.5250.3674.0014810.00034.3616.8051.1674.0016867.00031.1419.9051.0474.0017615.00029.9521.2951.2474.00	(M12)(dBdv)(dBdv)(dBdv)(dBdv)(dBdv)8265.00037.709.1146.8174.00-27.199310.00037.559.8647.4174.00-26.5911785.00034.8415.5250.3674.00-23.6414810.00034.3616.8051.1674.00-22.8416867.00031.1419.9051.0474.00-22.9617615.00029.9521.2951.2474.00-22.76

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, VERTICAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	7891.000	38.32	7.98	46.30	74.00	-27.70	peak
2	8232.000	37.28	9.23	46.51	74.00	-27.49	peak
3	9101.000	38.01	9.95	47.96	74.00	-26.04	peak
4	11818.000	35.12	15.58	50.70	74.00	-23.30	peak
5	14777.000	33.52	16.76	50.28	74.00	-23.72	peak
6	17714.000	30.31	22.04	52.35	74.00	-21.65	peak

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



UNII-3 BAND





No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	8210.000	37.25	9.32	46.57	74.00	-27.43	peak
2	9233.000	38.33	9.46	47.79	74.00	-26.21	peak
3	11334.000	35.81	14.02	49.83	74.00	-24.17	peak
4	11873.000	35.05	15.50	50.55	74.00	-23.45	peak
5	13919.000	33.86	16.89	50.75	74.00	-23.25	peak
6	17021.000	30.80	20.32	51.12	74.00	-22.88	peak

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	8276.000	37.14	9.06	46.20	74.00	-27.80	peak
2	9233.000	38.95	9.46	48.41	74.00	-25.59	peak
3	11807.000	35.08	15.61	50.69	74.00	-23.31	peak
4	12643.000	34.74	15.36	50.10	74.00	-23.90	peak
5	17076.000	31.74	20.54	52.28	74.00	-21.72	peak
6	17956.000	29.76	22.68	52.44	74.00	-21.56	peak

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

5. Proper operation of the transmitter prior to adding the filter to the measurement chain.



8.4. SPURIOUS EMISSIONS (18 GHz ~ 26 GHz)

8.4.1. 802.11n HT40 MIMO MODE

SPURIOUS EMISSIONS (UNII-1 BAND HIGH CHANNEL, HORIZONTAL, WORST-CASE CONFIGURATION)



	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	18144.000	50.27	-5.48	44.79	74.00	-29.21	peak
2	18592.000	49.75	-5.31	44.44	74.00	-29.56	peak
3	20000.000	50.81	-5.45	45.36	74.00	-28.64	peak
4	21600.000	50.02	-4.54	45.48	74.00	-28.52	peak
5	23064.000	48.99	-3.42	45.57	74.00	-28.43	peak
6	25616.000	46.68	-1.24	45.44	74.00	-28.56	peak

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.



SPURIOUS EMISSIONS (UNII-1 BAND HIGH CHANNEL, VERTICAL, WORST-CASE CONFIGURATION)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	18528.000	50.11	-5.26	44.85	74.00	-29.15	peak
2	19784.000	50.07	-5.28	44.79	74.00	-29.21	peak
3	21544.000	49.76	-4.63	45.13	74.00	-28.87	peak
4	22976.000	48.26	-3.46	44.80	74.00	-29.20	peak
5	24864.000	47.03	-2.23	44.80	74.00	-29.20	peak
6	25728.000	46.61	-0.72	45.89	74.00	-28.11	peak

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

Note: All the modes and antennas had been tested, but only the worst data was recorded in the report.



8.5. SPURIOUS EMISSIONS (26 GHz ~ 40 GHz)

8.5.1. 802.11n HT40 MIMO MODE

SPURIOUS EMISSIONS (UNII-1 BAND HIGH CHANNEL, HORIZONTAL, WORST-CASE CONFIGURATION)



Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.



SPURIOUS EMISSIONS (UNII-1 BAND HIGH CHANNEL, VERTICAL, WORST-CASE CONFIGURATION)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	26476.000	51.53	-4.78	46.75	74.00	-27.25	peak
2	28828.000	47.63	-0.79	46.84	74.00	-27.16	peak
3	32104.000	48.49	-1.75	46.74	74.00	-27.26	peak
4	36066.000	44.35	3.83	48.18	74.00	-25.82	peak
5	38194.000	44.93	3.72	48.65	74.00	-25.35	peak
6	39972.000	45.45	5.13	50.58	74.00	-23.42	peak

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

Note: All the modes and antennas had been tested, but only the worst data was recorded in the report.



8.6. SPURIOUS EMISSIONS (30 MHz ~ 1 GHz)

8.6.1. 802.11n HT40 MIMO MODE

SPURIOUS EMISSIONS (UNII-1 BAND HIGH CHANNEL, HORIZONTAL, WORST-CASE CONFIGURATION)



Note: 1. Result Level = Read Level + Correct Factor.

2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.

3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.







No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	33.8800	50.80	-19.31	31.49	40.00	-8.51	QP
2	101.7800	51.39	-21.00	30.39	43.50	-13.11	QP
3	386.9600	49.59	-13.53	36.06	46.00	-9.94	QP
4	478.1400	43.36	-11.83	31.53	46.00	-14.47	QP
5	881.6600	36.81	-5.48	31.33	46.00	-14.67	QP
6	1000.0000	42.80	-4.15	38.65	54.00	-15.35	QP

Note: 1. Result Level = Read Level + Correct Factor.

2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.

3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto

Note: All the modes and antennas had been tested, but only the worst data was recorded in the report.

8.7. SPURIOUS EMISSIONS BELOW 30 MHz

8.7.1. 802.11n HT40 MIMO MODE

SPURIOUS EMISSIONS (UNII-1 BAND HIGH CHANNEL, LOOP ANTENNA FACE ON TO THE EUT, WORST-CASE CONFIGURATION)



<u>9 kHz ~ 150 kHz</u>

No.	Frequency	Reading	Correct	FCC	FCC	ISED	ISED	Margin	Remark
				Result	Limit	Result	Limit		
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dBuA/m)	(dBuA/m)	(dB)	
1	0.0100	75.22	-101.40	-26.18	47.6	-77.68	-3.90	-73.78	peak
2	0.0114	73.88	-101.40	-27.52	46.46	-79.02	-5.04	-73.98	peak
3	0.0206	68.92	-101.35	-32.43	41.32	-83.93	-10.18	-73.75	peak
4	0.0279	66.17	-101.38	-35.21	38.69	-86.71	-12.81	-73.90	peak
5	0.0492	61.55	-101.47	-39.92	33.76	-91.42	-17.74	-73.68	peak
6	0.0826	57.32	-101.65	-44.33	29.26	-95.83	-22.24	-73.59	peak

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.

3. All 3 polarizations (Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report.

4. $dBuA/m = dBuV/m - 20log10(120\pi) = dBuV/m - 51.5$.



<u>150 kHz ~ 490 kHz</u>



No.	Frequency	Reading	Correct	FCC	FCC	ISED	ISED	Margin	Remark
				Result	Limit	Result	Limit	_	
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dBuA/m)	(dBuA/m)	(dB)	
1	0.1554	75.27	-101.65	-26.38	23.77	-77.88	-27.73	-50.15	peak
2	0.1794	70.77	-101.68	-30.91	22.53	-82.41	-28.97	-53.44	peak
3	0.2190	66.77	-101.75	-34.98	20.79	-86.48	-30.71	-55.77	peak
4	0.2782	62.29	-101.83	-39.54	18.71	-91.04	-32.79	-58.25	peak
5	0.3163	62.20	-101.87	-39.67	17.6	-91.17	-33.90	-57.27	peak
6	0.3662	59.08	-101.93	-42.85	16.33	-94.35	-35.17	-59.18	peak

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.

3. All 3 polarizations (Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report.

4. $dBuA/m = dBuV/m - 20log10(120\pi) = dBuV/m - 51.5$.



<u>490 kHz ~ 30 MHz</u>



No.	Frequency	Reading	Correct	FCC	FCC	ISED	ISED	Margin	Remark
				Result	Limit	Result	Limit		
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dBuA/m)	(dBuA/m)	(dB)	
1	0.5917	63.24	-62.08	1.16	32.16	-50.34	-19.34	-31.00	peak
2	0.9737	60.71	-62.25	-1.54	27.83	-53.04	-23.67	-29.37	peak
3	2.0939	56.39	-61.79	-5.4	29.54	-56.90	-21.96	-34.94	peak
4	3.7100	54.70	-61.41	-6.71	29.54	-58.21	-21.96	-36.25	peak
5	10.2576	53.63	-60.81	-7.18	29.54	-58.68	-21.96	-36.72	peak
6	16.3959	54.17	-60.96	-6.79	29.54	-58.29	-21.96	-36.33	peak

Note: 1. Measurement = Reading Level + Correct Factor.

2. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.

3. All 3 polarizations (Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report.

4. $dBuA/m = dBuV/m - 20log10(120\pi) = dBuV/m - 51.5$.

Note: All the modes and antennas had been tested, but only the worst data was recorded in the report.



9. AC POWER LINE CONDUCTED EMISSIONS

<u>LIMITS</u>

Please refer to CFR 47 FCC §15.207 (a) and ISED RSS-Gen Clause 8.8

FREQUENCY (MHz)	Quasi-peak	Average
0.15 -0.5	66 - 56 *	56 - 46 *
0.50 -5.0	56.00	46.00
5.0 -30.0	60.00	50.00

TEST SETUP AND PROCEDURE

Refer to ANSI C63.10-2013 clause 6.2.



The EUT is put on a table of non-conducting material that is 80 cm high. The vertical conducting wall of shielding is located 40 cm to the rear of the EUT. The power line of the EUT is connected to the AC mains through a Artificial Mains Network (A.M.N.). A EMI Measurement Receiver (R&S Test Receiver ESR3) is used to test the emissions from both sides of AC line. According to the requirements in Section 6.2 of ANSI C63.10-2013.Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30 MHz using CISPR Quasi-Peak and average detector mode. The bandwidth of EMI test receiver is set at 9 kHz.

The arrangement of the equipment is installed to meet the standards and operating in a manner, which tends to maximize its emission characteristics in a normal application.

TEST ENVIRONMENT

Temperature	25.9 °C	Relative Humidity	67.7%
Atmosphere Pressure	101 kPa	Test Voltage	AC 120 V, 60 Hz

UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.





9.1.1. 802.11n HT40 MIMO MODE

LINE L RESULTS (UNII-1 BAND HIGH CHANNEL, WORST-CASE CONFIGURATION)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB)	(dBuV)	(dBuV)	(dB)	
1	0.1500	30.41	9.59	40.00	66.00	-26.00	QP
2	0.1500	9.28	9.59	18.87	56.00	-37.13	AVG
3	0.1995	40.18	9.59	49.77	63.63	-13.86	QP
4	0.1995	26.55	9.59	36.14	53.63	-17.49	AVG
5	0.2579	30.91	9.59	40.50	61.50	-21.00	QP
6	0.2579	14.30	9.59	23.89	51.50	-27.61	AVG
7	2.0484	26.57	9.63	36.20	56.00	-19.80	QP
8	2.0484	16.09	9.63	25.72	46.00	-20.28	AVG
9	3.8646	27.81	9.60	37.41	56.00	-18.59	QP
10	3.8646	20.08	9.60	29.68	46.00	-16.32	AVG
11	5.0301	21.39	9.62	31.01	60.00	-28.99	QP
12	5.0301	13.09	9.62	22.71	50.00	-27.29	AVG

Note: 1. Result = Reading + Correct Factor.

2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 200 Hz (9 kHz ~ 150 kHz), 9 kHz (150 kHz ~ 30 MHz).

4. Step size: 80 Hz (0.009 MHz ~ 0.15 MHz), 4 kHz (0.15 MHz ~ 30 MHz), Scan time: auto.

UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.



LINE N RESULTS (UNII-1 BAND HIGH CHANNEL, WORST-CASE CONFIGURATION)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB)	(dBuV)	(dBuV)	(dB)	
1	0.1947	40.45	9.59	50.04	63.83	-13.79	QP
2	0.1947	23.64	9.59	33.23	53.83	-20.60	AVG
3	0.2597	31.45	9.59	41.04	61.44	-20.40	QP
4	0.2597	14.87	9.59	24.46	51.44	-26.98	AVG
5	0.3288	24.54	9.59	34.13	59.48	-25.35	QP
6	0.3288	9.01	9.59	18.60	49.48	-30.88	AVG
7	1.9926	26.75	9.63	36.38	56.00	-19.62	QP
8	1.9926	16.85	9.63	26.48	46.00	-19.52	AVG
9	4.1020	26.54	9.60	36.14	56.00	-19.86	QP
10	4.1020	18.99	9.60	28.59	46.00	-17.41	AVG
11	5.9009	23.16	9.64	32.80	60.00	-27.20	QP
12	5.9009	16.01	9.64	25.65	50.00	-24.35	AVG

Note: 1. Result = Reading + Correct Factor.

2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 200 Hz (9 kHz ~ 150 kHz), 9 kHz (150 kHz ~ 30 MHz).

4. Step size: 80 Hz (0.009 MHz ~ 0.15 MHz), 4 kHz (0.15 MHz ~ 30 MHz), Scan time: auto.

Note: All the modes had been tested, but only the worst data was recorded in the report.



10. FREQUENCY STABILITY

<u>LIMITS</u>

The frequency of the carrier signal shall be maintained within band of operation.

TEST PROCEDURE

1. The EUT was placed inside an environmental chamber as the temperature in the chamber was varied between 0 $^{\circ}$ C ~ 70 $^{\circ}$ C (declared by customer).

2. The temperature was incremented by 10 °C intervals and the unit allowed to stabilize at each temperature before each measurement. The center frequency of the transmitting channel was evaluated at each temperature and the frequency deviation from the channel's center frequency was recorded.

3. The primary supply voltage is varied from 90 % to 110 % of the nominal value for non handcarried battery and AC powered equipment. For hand-carried, battery-powered equipment, primary supply voltage is reduced to the battery operating end point which shall be specified by the manufacturer.

Center Frequency	The center frequency of the channel under test			
Detector	Peak			
RBW	10 kHz			
VBW	≥3 × RBW			
Span	Encompass the entire emissions bandwidth (EBW) of the signal			
Trace	Max hold			
Sweep time	Auto			

Connect the EUT to the spectrum analyser and use the following settings:

4. While maintaining a constant temperature inside the environmental chamber, turn the EUT on and record the operating frequency at startup, and at 2 minutes, 5minutes, and 10 minutes after the EUT is energized.

5. Allow the trace to stabilize, find the peak value of the power envelope and record the frequency, then calculated the frequency drift.

TEST SETUP





TEST ENVIRONMENT

	Normal Test Conditions	Extreme Test Conditions		
Relative Humidity	20 % ~ 75 %	/		
Atmospheric Pressure	100 kPa ~ 102 kPa	/		
Tomporatura	TN (Normal Temperature):	TL (Low Temperature): 0 °C		
remperature	26.4 °C	TH (High Temperature): 70 °C		
SupplyVoltage	V/N (Normal Vialtage); DC 2.2.V/	VL (Low Voltage): DC 2.97 V		
Supply voltage	viv (Normar voltage). DC 3.3 v	VH (High Voltage): DC 3.63 V		

RESULTS

Please refer to Appendix E.


11. ANTENNA REQUIREMENTS

APPLICABLE REQUIREMENTS

Please refer to FCC §15.203

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

Please refer to FCC §15.247(b)(4)

The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

RESULTS

Complies



11.1. Appendix A1: Emission Bandwidth 11.1.1. Test Result

Test Mode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Verdict
	Ant1	5180	19.840	5170.200	5190.040	PASS
	Ant2	5180	19.760	5170.200	5189.960	PASS
	Ant1	5200	19.800	5190.240	5210.040	PASS
	Ant2	5200	19.520	5190.400	5209.920	PASS
	Ant1	5240	19.320	5230.480	5249.800	PASS
110.00	Ant2	5240	20.000	5229.800	5249.800	PASS
11A 20	Ant1	5745	19.520	5735.520	5755.040	PASS
	Ant2	5745	19.520	5735.080	5754.600	PASS
	Ant1	5785	19.520	5775.280	5794.800	PASS
	Ant2	5785	19.720	5775.120	5794.840	PASS
	Ant1	5825	19.200	5815.440	5834.640	PASS
	Ant2	5825	19.800	5815.120	5834.920	PASS
	Ant1	5180	20.280	5169.880	5190.160	PASS
	Ant2	5180	20.320	5169.720	5190.040	PASS
	Ant1	5200	20.360	5189.640	5210.000	PASS
	Ant2	5200	20.080	5190.120	5210.200	PASS
	Ant1	5240	19.680	5230.200	5249.880	PASS
111120141140	Ant2	5240	20.120	5229.960	5250.080	PASS
TINZUMIMO	Ant1	5745	20.160	5734.960	5755.120	PASS
	Ant2	5745	19.920	5735.160	5755.080	PASS
	Ant1	5785	20.280	5774.960	5795.240	PASS
	Ant2	5785	20.000	5774.960	5794.960	PASS
	Ant1	5825	20.080	5815.080	5835.160	PASS
	Ant2	5825	19.560	5815.200	5834.760	PASS
	Ant1	5190	39.760	5170.080	5209.840	PASS
	Ant2	5190	39.280	5170.560	5209.840	PASS
	Ant1	5230	40.080	5210.000	5250.080	PASS
	Ant2	5230	40.240	5209.680	5249.920	PASS
11N40MIMO	Ant1	5755	40.480	5734.760	5775.240	PASS
	Ant2	5755	39.920	5735.160	5775.080	PASS
	Ant1	5795	40.400	5774.760	5815.160	PASS
	Ant2	5795	40.400	5775.000	5815.400	PASS
	Ant1	5210	80.160	5170.320	5250.480	PASS
	Ant2	5210	80.000	5170.000	5250.000	PASS
11AC80MIMO	Ant1	5775	80.320	5734.360	5814.680	PASS
	Ant2	5775	79.520	5735.480	5815.000	PASS



Test Mode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Verdict
	Ant1	5260	19.800	5250.320	5270.120	PASS
	Ant2	5260	19.600	5250.280	5269.880	PASS
	Ant1	5280	19.840	5270.120	5289.960	PASS
	Ant2	5280	19.920	5270.120	5290.040	PASS
	Ant1	5320	19.800	5310.000	5329.800	PASS
	Ant2	5320	20.040	5310.080	5330.120	PASS
	Ant1	5500	19.800	5490.160	5509.960	PASS
	Ant2	5500	19.800	5490.040	5509.840	PASS
11Δ	Ant1	5580	19.440	5570.360	5589.800	PASS
	Ant2	5580	19.720	5570.000	5589.720	PASS
	Ant1	5700	19.800	5690.160	5709.960	PASS
	Ant2	5700	19.800	5690.040	5709.840	PASS
	Ant1	5720	19.520	5710.280	5729.800	PASS
	Ant2	5720	19.880	5710.000	5729.880	PASS
	Ant1	5720_UNII-2C	14.72	5710.280	5725	PASS
	Ant2	5720_UNII-2C	15	5710.000	5725	PASS
	Ant1	5720_UNII-3	4.8	5725	5729.800	PASS
	Ant2	5720_UNII-3	4.88	5725	5729.880	PASS
	Ant1	5260	20.200	5249.840	5270.040	PASS
	Ant2	5260	20.120	5249.960	5270.080	PASS
	Ant1	5280	20.000	5270.080	5290.080	PASS
	Ant2	5280	20.000	5270.000	5290.000	PASS
	Ant1	5320	19.720	5310.120	5329.840	PASS
	Ant2	5320	19.960	5310.000	5329.960	PASS
	Ant1	5500	20.120	5490.000	5510.120	PASS
	Ant2	5500	19.720	5490.080	5509.800	PASS
	Ant1	5580	19.920	5570.120	5590.040	PASS
	Ant2	5580	19.960	5570.160	5590.120	PASS
	Ant1	5700	20.040	5690.080	5710.120	PASS
	Ant2	5700	19.880	5690.200	5710.080	PASS
	Ant1	5720	19.760	5710.280	5730.040	PASS
	Ant2	5720	20.040	5709.920	5729.960	PASS
	Ant1	5720_UNII-2C	14.72	5710.280	5725	PASS
	Ant2	5720_UNII-2C	15.08	5709.920	5725	PASS
	Ant1	5720_UNII-3	5.04	5725	5730.040	PASS
	Ant2	5720_UNII-3	4.96	5725	5729.960	PASS
	Ant1	5270	40.320	5249.760	5290.080	PASS
	Ant2	5270	39.440	5250.560	5290.000	PASS
	Ant1	5310	40.320	5290.000	5330.320	PASS
	Ant2	5310	39.440	5290.400	5329.840	PASS
	Ant1	5510	39.920	5489.920	5529.840	PASS
	Ant2	5510	39.360	5490.320	5529.680	PASS
	Ant1	5590	40.320	5569.920	5610.240	PASS
	Ant2	5590	40.000	5570.160	5610.160	PASS
	Ant1	5670	40.240	5649.920	5690.160	PASS
	Ant2	5670	39.920	5650.400	5690.320	PASS
	Ant1	5710	40.080	5689.760	5729.840	PASS
	Ant2	5710	39.760	5690.160	5729.920	PASS
	Ant1	5710_UNII-2C	35.24	5689.760	5725	PASS
	Ant2	5710_UNII-2C	34.84	5690.160	5725	PASS
	Ant1	5710_UNII-3	4.84	5725	5729.840	PASS
	Ant2	5710_UNII-3	4.92	5725	57 <u>29.920</u>	PASS
	Ant1	5290	80.800	5250.000	5330.800	PASS
11AC80MIMO	Ant2	5290	79.520	5250.320	5329.840	PASS
	Ant1	5530	80.320	5489.680	5570.000	PASS
	Ant2	5530	80.000	5490.320	5570.320	PASS
	Ant1	5610	80.000	5570.160	5650.160	PASS

UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.



REPORT NO.: 4790335848-1 Page 198 of 317

Ant2	5610	79.520	5570.320	5649.840	PASS
Ant1	5690	79.360	5650.800	5730.160	PASS
Ant2	5690	80.000	5649.840	5729.840	PASS
Ant1	5690_UNII-2C	74.2	5650.800	5725	PASS
Ant2	5690_UNII-2C	75.16	5649.840	5725	PASS
Ant1	5690_UNII-3	5.16	5725	5730.160	PASS
Ant2	5690_UNII-3	4.84	5725	5729.840	PASS



RL 16 50 0 DC SERVERN Center Freq 5,180000000 GHz Trig: Free Run NFE PNO: Wide +++ PNO: Wide +++ Atten: 30 dB #Avg Type: RMS Avg|Hold: 10/10 Frequency VPE MUMPUNA DET P P P P P Auto Tu kr3 19.84 MHz 1.110 dB Ref Offset 20.27 dE Ref 20.00 dBm Center Free 180000000 GH ٠ Start Fre Stop Fre Center 5.18000 GHz #Res BW 220 kHz Span 40.00 MH Sweep 1.000 ms (1001 pts CF Step 620 kHz 26.811 dBm 1.565 dBm 1.110 dB 5.170 20 GHz 5.179 60 GHz 19.84 MHz (Δ) 1 N 2 N 3 A1 f (Δ) Freq Offse OH Scale Type Ľ 11A Ant1 5180 RI RF POG OC Center Freq 5,180000000 GHz NFE PN0: Wide ----Trig: Free Run Atten: 30 dB 7 PM Sep 17, 202 RACE 1 3 4 3 TYPE MYNNWY P P P P Frequency #Avg Type: RMS Avg[Hold: 10/10 Auto Tu 19.76 MHz 0.913 dE Ref Offset 20.28 dE Ref 20.00 dBm \Diamond Center Fred Start Free Stop Fre 6.70 Center 5.18000 GHz Res BW 220 KHz Span 40.00 MH Sweep 1.000 ms (1001 pts CF Ste 4.000000 MH #VBW 620 kHz 5.170 20 GHz 5.182 56 GHz 19.76 MHz (Δ) 23.257 dBm 4.145 dBm 0.913 dB 1 Ν 2 Ν 3 Δ1 † (Δ) Freq Offse Scale Typ Li 11A_Ant2_5180 RI Registre S PM Sep 17, 202 RACE 1 2 3 4 5 TYPE MOMMONY DET P P P P P #Avg Type: RMS Avg[Hold: 10/10 Frequency Auto Tur 19.80 MHz -1.047 dE Ref Offset 20.27 dE Ref 20.00 dBm Q Center Fre 0 ¢34 Start Fre Stop Fre 5 22 enter 5.20000 GHz Res BW 220 kHz Span 40.00 MHz Sweep 1.000 ms (1001 pts CF Step 4.000000 MH #VBW 620 kHz 5.190 24 GHz 5.201 64 GHz 19.80 MHz (Δ) 25.474 dBm 2.421 dBm -1.047 dB 1 N 2 N 3 Δ1 t (Δ) Freq Offse 0 H Scale Type ш 11A Ant1 5200

11.1.2. Test Graphs

UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.



REPORT NO.: 4790335848-1 Page 200 of 317





REPORT NO.: 4790335848-1 Page 201 of 317

















REPORT NO.: 4790335848-1 Page 205 of 317





























REPORT NO.: 4790335848-1 Page 212 of 317





REPORT NO.: 4790335848-1 Page 213 of 317





REPORT NO.: 4790335848-1 Page 214 of 317





REPORT NO.: 4790335848-1 Page 215 of 317





REPORT NO.: 4790335848-1 Page 216 of 317





REPORT NO.: 4790335848-1 Page 217 of 317





REPORT NO.: 4790335848-1 Page 218 of 317





REPORT NO.: 4790335848-1 Page 219 of 317





REPORT NO.: 4790335848-1 Page 220 of 317













REPORT NO.: 4790335848-1 Page 223 of 317

















	11.2.1.	i cot i cou				
Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Verdict
	Ant1	5180	16.532	5171.777	5188.309	PASS
	Ant2	5180	16.625	5171.734	5188.359	PASS
	Ant1	5200	16.649	5191.615	5208.264	PASS
	Ant2	5200	16.572	5191.697	5208.269	PASS
	Ant1	5240	16.785	5231.545	5248.330	PASS
110.20	Ant2	5240	16.497	5231.737	5248.234	PASS
11A 20	Ant1	5745	16.703	5736.614	5753.317	PASS
	Ant2	5745	16.587	5736.720	5753.307	PASS
	Ant1	5785	16.601	5776.774	5793.375	PASS
	Ant2	5785	16.618	5776.660	5793.278	PASS
	Ant1	5825	16.662	5816.638	5833.300	PASS
	Ant2	5825	16.636	5816.698	5833.334	PASS
	Ant1	5180	17.636	5171.215	5188.851	PASS
	Ant2	5180	17.572	5171.247	5188.819	PASS
	Ant1	5200	17.663	5191.180	5208.843	PASS
	Ant2	5200	17.801	5191.089	5208.890	PASS
	Ant1	5240	17.729	5231.110	5248.839	PASS
	Ant2	5240	17.707	5231.178	5248.885	PASS
	Ant1	5745	17.741	5736.117	5753.858	PASS
	Ant2	5745	17.700	5736.192	5753.892	PASS
	Ant1	5785	17.658	5776.180	5793.838	PASS
	Ant2	5785	17.682	5776.163	5793.845	PASS
	Ant1	5825	17.730	5816.197	5833.927	PASS
	Ant2	5825	17.737	5816.143	5833.880	PASS
	Ant1	5190	36.154	5172.017	5208.171	PASS
	Ant2	5190	35.885	5172.140	5208.025	PASS
	Ant1	5230	35.944	5212.109	5248.053	PASS
	Ant2	5230	36.051	5212.002	5248.053	PASS
TIN40MIMO	Ant1	5755	36.202	5736.993	5773.195	PASS
	Ant2	5755	36.029	5737.097	5773.126	PASS
	Ant1	5795	36.194	5776.947	5813.141	PASS
	Ant2	5795	36.213	5777.032	5813.245	PASS
	Ant1	5210	75.399	5172.406	5247.805	PASS
	Ant2	5210	75.529	5172.382	5247.911	PASS
TACOUMIMO	Ant1	5775	75.924	5737.153	5813.077	PASS
	Ant2	5775	75.692	5737.338	5813.030	PASS

11.2. Appendix A2: Occupied Channel Bandwidth 11.2.1. Test Result



Ant1 5280 16.542 5251.719 5286.310 PASS Ant2 5280 16.630 5271.730 5288.300 PASS Ant1 5280 16.631 5271.730 5288.200 PASS Ant1 5320 16.719 5311.841 5328.360 PASS Ant1 5320 16.626 5311.891 5328.360 PASS Ant2 5300 16.627 5491.698 5328.320 PASS Ant1 5580 16.666 5571.017 5688.306 PASS Ant1 5720 16.627 5691.694 5708.290 PASS Ant1 5720 16.643 5711.621 5728.279 PASS Ant1 5720 10.643 5711.621 5728.279 PASS Ant2 5720 17.648 5251.27 5728.279 PASS Ant2 5720 17.643 5272.77 PASS Ant2 5260 17.764 521.277 5728.779 PASS	Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Verdict
Ant2 5260 16.530 5251 760 5268.317 PASS Ant1 5280 16.479 5271.660 5288.317 PASS Ant2 5320 16.479 5271.661 5288.300 PASS Ant2 5320 16.676 5311.641 5288.300 PASS Ant2 5320 16.626 5311.640 5308.270 PASS Ant2 5500 16.627 5691.611 5708.270 PASS Ant1 5700 16.627 5691.661 5708.270 PASS Ant1 5720 16.643 5711.634 5728.277 PASS Ant1 5720 16.643 5711.634 5728.277 PASS Ant1 5720 16.643 5711.634 5728.277 PASS Ant1 5720 10.843 5211.80 5728.277 PASS Ant1 5260 17.700 521.180 5288.860 PASS Ant1 5260 17.701 5281.807 <td< td=""><td rowspan="3"></td><td>Ant1</td><td>5260</td><td>16.542</td><td>5251,719</td><td>5268.261</td><td>PASS</td></td<>		Ant1	5260	16.542	5251,719	5268.261	PASS
Ant1 5280 16.651 5271730 5288.209 PASS Ant2 5320 16.719 5311641 5328.300 PASS Ant1 5500 16.626 5311698 5328.324 PASS Ant1 5500 16.625 5491.602 5508.207 PASS Ant1 5500 16.605 5517.01 5508.306 PASS Ant1 5500 16.605 5571.607 5588.306 PASS Ant1 5700 16.627 5691.694 5708.290 PASS Ant1 5720 16.638 5711.621 5728.279 PASS Ant1 5720 10.643 5711.621 5728.279 PASS Ant2 5720 10.142 13.396 5711.621 5728.279 PASS Ant2 5720 10.142 13.397 5728.279 PASS Ant2 5220 17.700 5251.86 5268.875 PASS Ant2 5220 17.700 521.88		Ant2	5260	16.530	5251.780	5268.310	PASS
Ani2 5280 16.4*p 5271*30 5282.09 PASS Ani1 5320 16.626 5311.641 5328.309 PASS Ani1 5500 16.626 5311.641 5328.324 PASS Ani1 5500 16.623 5491.602 5508.277 PASS Ani1 5500 16.623 5491.747 5508.270 PASS Ani1 5500 16.623 5571.671 5508.306 PASS Ani1 5700 16.626 5691.691 5708.278 PASS Ani1 5720 16.643 5711.612 5728.279 PASS Ani1 5720 10.643 5711.612 5728.279 PASS Ani1 5720 10.643 5711.612 5728.279 PASS Ani1 5720 10.643 5711.612 5728.279 PASS Ani1 5720 UNI-2C 13.379 5711.613 5728.277 PASS Ani1 5720 UNI-2C 1		Ant1	5280	16.651	5271.666	5288.317	PASS
Anit 5320 16.719 5311.641 5328.330 PASS Anit1 5500 16.626 5311.698 5328.324 PASS Anit1 5500 16.625 5491.602 5508.277 PASS Anit1 5560 16.605 5541.701 5688.306 PASS Anit1 5700 16.627 5691.647 5684.877 PASS Anit1 5700 16.627 5691.651 5708.278 PASS Anit1 5720 10.643 5711.631 5728.277 PASS Anit1 5720 10.643 5711.634 5722.77 PASS Anit2 5720 10.843 5711.634 5728.277 PASS Anit1 5720 UNII-2C 13.396 5711.634 5728.277 PASS Anit2 5720 UNII-3C 3.277 5725 5728.277 PASS Anit2 5720 UNII-3C 3.277 5726 5728.979 PASS Anit1		Ant2	5280	16.479	5271,730	5288,209	PASS
11A Ant2 5320 16.626 5311.698 5328.324 PASS 11A 3500 16.675 5491.602 5508.277 PASS Ant1 5580 16.605 5571.701 5508.270 PASS Ant1 5580 16.800 5571.671 5508.306 PASS Ant1 5700 16.526 5691.651 5708.278 PASS Ant1 5720 16.688 5711.621 5728.279 PASS Ant1 5720 16.643 5725 PASS Ant1 5726 PASS Ant1 5720 10.643 5711.634 5725 PASS Ant1 5720 10.643 5725 PASS Ant1 5720 10.643 5725 PASS Ant1 5720 10.643 5725 PASS Ant1 5720 10.712 5271.637 PASS Ant1 5720 17.704 528.877 PASS Ant1 <td< td=""><td></td><td>Ant1</td><td>5320</td><td>16 719</td><td>5311 641</td><td>5328 360</td><td>PASS</td></td<>		Ant1	5320	16 719	5311 641	5328 360	PASS
Ant1 5500 16.875 5491.602 5508.277 PASS Ant2 5500 16.875 5491.602 5508.277 PASS Ant2 5500 16.605 5571.701 5688.306 PASS Ant1 5570 16.206 5571.701 5688.407 PASS Ant2 5500 16.596 5691.694 5708.278 PASS Ant2 5720 16.643 5711.621 5722.77 PASS Ant2 5720 16.643 5711.634 5728.277 PASS Ant2 5720 10.658 5711.621 6725 PASS Ant2 5720 10.658 5711.634 5725 PASS Ant1 5720 10.658 5728.277 PASS Ant1 5720 10.483 5725 PASS Ant1 5720 17.70 5271.148 5728.277 PASS Ant1 5200 17.700 5271.148 5288.807 PASS		Ant2	5320	16.626	5311 698	5328 324	PASS
Ant2 S600 16.523 5491.727 S608.270 PASS Ant1 5580 16.605 5671.701 5588.306 PASS Ant1 5580 16.605 5671.701 5588.306 PASS Ant1 5700 16.586 5691.694 5708.276 PASS Ant1 5700 16.627 5691.651 5708.278 PASS Ant1 5720 16.643 5711.631 5728.279 PASS Ant1 5720 UNII-2C 13.366 5711.634 5728.277 PASS Ant1 5720 UNII-3 3.277 5725 5728.277 PASS Ant1 5720 UNII-3 3.277 5725 5728.477 PASS Ant1 5720 UNII-3 3.277 5725 5728.477 PASS Ant1 5720 UNI-3 3.277 5725 5728.477 PASS Ant2 5720 UNI-3 3.277 5528.8860 PASS		Ant1	5500	16.675	5491 602	5508 277	PASS
11A Anti 5680 16.805 597.171 5688.306 PASS PASS 11A Anti 5500 16.800 5571.667 5568.407 PASS Anti 5700 16.666 5691.651 5708.278 PASS Anti 5720 16.668 5711.621 5728.277 PASS Anti 5720 16.643 5711.634 5728.277 PASS Anti 5720 UNII-2C 13.379 57125 5728.279 PASS Anti 5720 UNII-3 3.277 5725 5728.277 PASS Anti 5720 UNII-3 3.277 5725 5728.277 PASS Anti 5720 UNII-3 3.277 5725 5728.277 PASS Anti 5720 UNI-3 3.277 5725 5728.277 PASS Anti 5280 17.764 5291.277 528.87 PASS Anti 5280 17.753 5571.178 5588.88		Ant?	5500	16 523	5/01 7/7	5508 270	PASS
11A Ant2 5580 16.800 5971.067 5588.467 PASS PASS Ant1 5700 16.596 5991.694 5708.290 PASS Ant1 5720 16.658 5711.621 5728.279 PASS Ant1 5720 16.643 5711.634 5728.279 PASS Ant1 5720 UNIL-2C 13.396 5711.634 5725 PASS Ant1 5720 UNIL-2C 13.397 5725 5728.277 PASS Ant1 5720 UNIL-3 3.277 5725 5728.77 PASS Ant1 5720 UNIL-3 3.277 5725 5728.77 PASS Ant1 5280 17.700 5281.180 5288.800 PASS Ant1 5280 17.712 5287.130 5288.800 PASS Ant1 5320 17.730 5311.181 5328.801 PASS Ant1 5580 17.652 5571.230 5588.822 PASS		Ant1	5580	16 605	5571 701	5588 306	PASS
Anti 5700 16.380 5931.080 5708.230 PASS Ant2 5700 16.627 5691.651 5708.278 PASS Ant1 5720 16.643 5711.634 5728.277 PASS Ant1 5720 16.643 5711.634 5728.277 PASS Ant1 5720 UNII-2C 13.396 5711.634 5725 PASS Ant2 5720 UNII-3 3.277 5725 5728.277 PASS Ant2 5260 17.640 5251.227 586.875 PASS Ant1 5260 17.642 5271.155 5288.867 PASS Ant1 5200 17.743 5311.141 528.887 PASS Ant1 5220 17.743 5311.141 528.887 PASS Ant1 5320 17.763 5571.230 568.882 PASS Ant1 5500 17.763 5571.1730 558.888 PASS Ant1 5720 17.763	11A	Ant?	5580	16.800	5571.667	5588 467	PASS
Ant2 5700 16.627 5691.657 5708.226 PASS Ant1 5720 16.668 5711.621 5728.279 PASS Ant1 5720 10.6643 5711.621 5728.279 PASS Ant1 5720 UNII-2C 13.379 5711.621 5725 PASS Ant1 5720 UNII-3C 3.277 5725 5728.279 PASS Ant1 5720 UNII-3 3.277 5725 5728.277 PASS Ant1 5260 17.700 5221.180 5268.800 PASS Ant1 5280 17.712 5271.148 5288.60 PASS Ant1 5220 17.643 5311.141 5328.860 PASS Ant1 5320 17.750 6311.181 5328.860 PASS Ant1 5520 17.760 5311.181 5328.861 PASS Ant1 5520 17.763 5571.320 5688.82 PASS Ant2 5200		Ant1	5700	16 596	5601 60/	5708 200	PASS
Aniti 5720 16.321 3031.01 5730.210 1783 Aniti 5720 16.643 5711.621 5722.277 PASS Aniti 5720_UNII-2C 13.379 5711.621 5725 PASS Aniti 5720_UNII-3 3.277 5725 5728.277 PASS Aniti 5720_UNII-3 3.277 5725 5728.277 PASS Aniti 5220_UNII-3 3.277 5725 5728.277 PASS Aniti 5260 17.700 5251.180 5268.80 PASS Aniti 5260 17.700 5251.180 5288.07 PASS Aniti 5520 17.712 5271.148 5288.07 PASS Aniti 5500 17.762 5511.181 5328.931 PASS Aniti 5500 17.762 5511.718 5588.94 PASS Aniti 5500 17.762 5571.718 5588.94 PASS Aniti 5720 17.706 5711.7		Ant2	5700	16.627	5601.651	5708 278	PASS
Antl 5720 16.033 5711.021 5720.277 PASS Antl 5720_UNII-2C 13.379 5711.621 5725 PASS Antl 5720_UNII-3 3.279 5725 5728.277 PASS Antl 5720_UNII-3 3.277 5725 5728.277 PASS Antl 5720_UNII-3 3.277 5725 5728.277 PASS Antl 5260 17.648 5251.227 5268.875 PASS Antl 5280 17.712 5271.155 5288.77 PASS Antl 5280 17.712 5271.155 5288.77 PASS Antl 5200 17.760 5311.42 5328.787 PASS Antl 5500 17.710 5491.213 5008.923 PASS Antl 5500 17.760 5311.418 5328.931 PASS Antl 5700 17.652 5571.230 5588.841 PASS Antl 5720 17.701 5711.318		Ant2 Ant1	5700	16.659	5711 621	5728 270	DASS
Aniti 5720 UNII-2C 113.379 5711.621 5725 PASS Aniti 5720 UNII-2C 13.379 5711.621 5725 PASS Aniti 5720 UNII-3 3.279 5725 5728.279 PASS Aniti 5220 UNII-3 3.277 5725 5728.277 PASS Aniti 5220 UNII-3 3.277 5725 5728.277 PASS Aniti 5260 17.700 5251.180 5268.80 PASS Aniti 5280 17.712 5271.148 5288.800 PASS Aniti 5280 17.712 5271.148 5288.80 PASS Aniti 5500 17.760 5311.141 5328.785 PASS Aniti 5500 17.762 5571.178 5588.941 PASS Aniti 5720 17.662 5571.178 5588.941 PASS Aniti 5720 17.763 5711.84 5728.941 PASS Aniti 5720 17.791 <t< td=""><td></td><td>Ant 2</td><td>5720</td><td>16.642</td><td>5711.021</td><td>5720.279</td><td>PASS DASS</td></t<>		Ant 2	5720	16.642	5711.021	5720.279	PASS DASS
All1 5720 UNI-2C 13.379 5711.624 5725 PASS Ant1 5720 UNI-3 3.279 5725 5728.277 PASS Ant1 5720 UNI-3 3.277 5725 5728.277 PASS Ant1 5260 17.648 5251.227 5268.875 PASS Ant1 5260 17.700 5251.165 528.807 PASS Ant1 5200 17.712 5271.145 528.807 PASS Ant2 5320 17.750 5311.141 5328.785 PASS Ant1 5500 17.760 5311.181 5328.931 PASS Ant1 5500 17.763 5571.178 5568.822 PASS Ant1 5700 17.668 5691.167 5708.835 PASS Ant1 5720 17.706 571.178 5588.842 PASS Ant1 5720 17.706 571.178 5588.841 PASS Ant1 5720 17.763 5571.174		Ant	5720	10.043	5711.034	5726.211	PASS
Antil 5720 JNII-22 13.366 5711.534 5725 5728.279 PASS Antil 5720 JNII-34 3.277 5725 5728.277 PASS Antil 5260 17.648 5251.227 5288.875 PASS Antil 5260 17.700 5251.180 5268.880 PASS Antil 5280 17.642 5271.148 5288.860 PASS Antil 5320 17.750 5311.142 5328.785 PASS Antil 5320 17.750 5311.181 5328.931 PASS Antil 5500 17.760 5311.181 5328.931 PASS Antil 5500 17.763 5571.230 5588.842 PASS Antil 5720 17.700 171.194 5728.985 PASS Antil 5720 17.791 5711.235 5728.981 PASS Antil 5720 17.791 5711.235 5725 PASS Antil		Anto	5720_UNII-2C	13.379	5711.021	5725	PASS
Antil 5720_UNII-3 3.279 5725 5728.277 PASS Antil 5220_UNII-3 3.277 5725 5728.277 PASS Antil 5260 17.648 5251.27 5268.875 PASS Antil 5260 17.700 5251.180 5268.800 PASS Antil 5280 17.642 5271.155 5288.797 PASS Antil 5320 17.643 5311.141 5282.785 PASS Antil 5320 17.750 5311.181 5328.785 PASS Antil 5500 17.710 5491.252 5508.882 PASS Antil 5500 17.710 5491.213 5508.923 PASS Antil 5700 17.653 5571.178 5588.941 PASS Antil 5720 17.791 5711.194 5728.941 PASS Antil 5720 UNI-2C 13.765 5771.395 5725 PASS Antil 5720 UNI-2C 13.765 <		Antz	5720_UNII-2C	13.300	5711.034	5725	PASS
Ant2 57/20 3.2/7 57/23 57/28/27/7 PASS Ant1 5260 17.648 5251.227 5268.875 PASS Ant1 5280 17.642 5271.155 5288.797 PASS Ant2 5280 17.712 5271.148 5288.807 PASS Ant1 5320 17.750 5311.181 5328.937 PASS Ant1 5500 17.636 5491.252 5508.882 PASS Ant1 5500 17.612 5571.230 5588.882 PASS Ant1 5500 17.625 5571.230 5588.882 PASS Ant1 5700 17.668 5691.167 5708.851 PASS Ant1 5720 17.706 5711.235 5728.941 PASS Ant1 5720 17.706 5711.235 5725 PASS Ant1 5720 13.766 5711.235 5725 PASS Ant1 5720 13.765 5712.8941 PASS<		Anti	5720_UNII-3	3.279	5725	5728.279	PASS
Ant1 5260 17.700 5251.180 5268.80 PASS Ant1 5280 17.700 5251.180 5268.80 PASS Ant1 5280 17.712 5271.148 5288.860 PASS Ant1 5320 17.643 5311.142 5328.785 PASS Ant2 5320 17.763 5311.181 5328.931 PASS Ant2 5500 17.710 5491.252 5508.888 PASS Ant1 5500 17.763 5571.178 5588.941 PASS Ant1 5700 17.668 5691.167 5708.835 PASS Ant1 5700 17.668 5691.167 5708.835 PASS Ant1 5720 17.706 5711.235 5728.957 PASS Ant2 5720 17.706 5711.235 5725 PASS Ant2 5720 UNI-2C 13.806 5711.235 5728.941 PASS Ant2 5720 36.176 5251.		Ant2	5720_UNII-3	3.277	5725	5728.277	PASS
Ant2 5260 17.700 5251.180 5268.80 PASS Ant2 5280 17.712 5271.155 5288.797 PASS Ant2 5280 17.712 5271.148 5288.787 PASS Ant1 5320 17.750 5311.181 5328.931 PASS Ant1 5500 17.636 5491.252 5508.882 PASS Ant1 5500 17.632 5571.230 5588.882 PASS Ant2 5580 17.652 5571.230 5588.882 PASS Ant2 5580 17.632 5571.178 5588.982 PASS Ant2 5700 17.668 5691.167 5708.851 PASS Ant1 5720 17.706 5711.194 5728.941 PASS Ant1 5720 17.706 5711.235 5728.941 PASS Ant1 5720 18.765 5711.235 5728.941 PASS Ant1 5720 19.13 3.985 57		Ant1	5260	17.648	5251.227	5268.875	PASS
Ant1 5280 17.642 5271.148 5288.860 PASS Ant2 5280 17.712 5271.148 5288.860 PASS Ant2 5320 17.643 5311.142 5328.931 PASS Ant1 5500 17.650 5311.181 5328.931 PASS Ant1 5500 17.7636 5491.252 5508.882 PASS Ant2 5500 17.763 5571.230 5588.882 PASS Ant1 5700 17.668 5691.226 5708.835 PASS Ant1 5700 17.625 5681.926 5708.835 PASS Ant1 5720 17.791 5711.174 5728.941 PASS Ant1 5720 17.706 5711.194 5725 PASS Ant2 5720 UNI-2C 13.806 5725 PASS Ant1 5720 UNI-2 3.941 5725 PASS Ant1 5270 36.176 5251.915 528.091		Ant2	5260	17.700	5251.180	5268.880	PASS
Ant2 5280 17.712 527.148 5288.860 PASS Ant1 5320 17.760 5311.142 5328.785 PASS Ant2 5320 17.750 5311.181 5328.785 PASS Ant2 5500 17.710 5491.213 5508.888 PASS Ant2 5560 17.652 5571.230 5588.882 PASS Ant1 5580 17.663 5691.167 5708.851 PASS Ant2 5700 17.663 5691.126 5708.851 PASS Ant2 5700 17.625 5691.226 5708.851 PASS Ant1 5720 17.706 5711.194 5725 PASS Ant1 5720 17.706 5711.194 5725 PASS Ant1 5720 UNI-3 3.981 5725 5728.941 PASS Ant1 5720 UNI-3 3.941 5725 5728.941 PASS Ant2 5720 36.145		Ant1	5280	17.642	5271.155	5288.797	PASS
Ant1 5320 17.643 5311.142 5328.785 PASS Ant2 5320 17.750 5311.141 5328.931 PASS Ant1 5500 17.710 5491.252 5508.923 PASS Ant1 5560 17.662 5571.230 5588.882 PASS Ant1 5700 17.668 5691.167 5708.835 PASS Ant1 5700 17.625 5691.226 5708.835 PASS Ant1 5720 17.791 5711.134 5728.941 PASS Ant1 5720 17.796 5711.194 5725 PASS Ant2 5720 17.706 5711.194 5725 PASS Ant2 5720 UNI-2C 13.806 5711.194 5725 PASS Ant1 5720 UNI-3 3.985 5725 5728.941 PASS Ant1 5720 UNI-3 3.941 5725 5728.945 PASS Ant2 5720 <td< td=""><td></td><td>Ant2</td><td>5280</td><td>17.712</td><td>5271.148</td><td>5288.860</td><td>PASS</td></td<>		Ant2	5280	17.712	5271.148	5288.860	PASS
Ant2 5320 17.750 5311.181 5328.931 PASS Ant1 5500 17.636 5491.252 5508.888 PASS Ant1 5580 17.652 5571.130 5588.882 PASS Ant1 5580 17.652 5571.130 5588.882 PASS Ant2 5700 17.668 5691.167 5708.835 PASS Ant2 5700 17.761 5711.194 5728.941 PASS Ant1 5720 17.791 5711.194 5728.941 PASS Ant1 5720_UNII-2C 13.806 5711.194 5725 PASS Ant1 5720_UNII-2C 13.765 5712.35 5725 PASS Ant1 5720_UNII-3 3.985 5725 5728.985 PASS Ant1 5720_UNII-3 3.985 5725 5728.985 PASS Ant1 5720_UNII-3 3.9841 5251.949 5288.094 PASS Ant2 5270 36.145 5251.		Ant1	5320	17.643	5311.142	5328.785	PASS
Ant1 5500 17.636 5491.252 5508.888 PASS Ant2 5500 17.710 5491.213 5508.923 PASS Ant1 5580 17.763 5571.230 5588.882 PASS Ant2 5580 17.763 5571.178 5588.941 PASS Ant1 5700 17.625 5691.167 5708.851 PASS Ant1 5720 17.791 5711.194 5725 PASS Ant1 5720 17.706 5711.235 5725 PASS Ant1 5720_UNII-2C 13.765 5711.135 5725 PASS Ant2 5720_UNII-2C 13.765 5711.235 5725 PASS Ant2 5720_UNII-3 3.985 5725 5728.985 PASS Ant1 5270 36.176 5251.915 5288.091 PASS Ant1 5270 36.174 5292.049 5328.232 PASS Ant2 5310 36.174 5292.049		Ant2	5320	17.750	5311.181	5328.931	PASS
Ant2 5500 17.710 5491.213 5508.923 PASS Ant1 5580 17.652 5571.230 5588.882 PASS Ant1 5700 17.668 5691.167 5708.835 PASS Ant2 5700 17.625 5691.226 5708.835 PASS Ant2 5720 17.706 5711.235 5728.941 PASS Ant1 5720 17.706 5711.235 5728.941 PASS Ant1 5720 17.706 5711.235 5725 PASS Ant1 5720 UNII-2C 13.806 5711.235 5725 PASS Ant1 5720 UNII-3 3.941 5725 5728.941 PASS Ant1 5270 36.176 5251.915 5288.091 PASS Ant1 5310 36.086 5292.049 5328.135 PASS Ant1 5510 36.265 5571.915 5288.094 PASS Ant2 5510 36.265		Ant1	5500	17.636	5491.252	5508.888	PASS
Ant1 5580 17.652 5571.230 5588.882 PASS Ant2 5580 17.763 5571.178 5588.941 PASS Ant2 5700 17.668 5691.167 5708.851 PASS Ant2 5700 17.625 5691.226 5708.851 PASS Ant1 5720 17.706 5711.194 5728.941 PASS Ant1 5720 17.706 5711.235 5728.941 PASS Ant1 5720 17.706 5711.235 5725 PASS Ant2 5720 17.706 5711.235 5725 PASS Ant1 5720 17.766 5711.235 5728.941 PASS Ant1 5720 17.766 5711.235 5728.941 PASS Ant1 5720 17.766 5251.915 5288.091 PASS Ant1 5270 36.176 5251.915 5288.094 PASS Ant1 5310 36.145 5292.058 5328.		Ant2	5500	17.710	5491.213	5508.923	PASS
Ant2 5580 17.763 5571.178 5588.941 PASS Ant1 5700 17.668 5691.167 5708.835 PASS Ant1 5720 17.791 5711.194 5728.985 PASS Ant2 5720 17.706 5711.235 5728.941 PASS Ant2 5720 17.706 5711.194 5725 PASS Ant1 5720 17.706 5711.194 5725 PASS Ant1 5720 UNII-2C 13.806 5711.235 5725 PASS Ant1 5720 UNII-2C 13.765 5711.235 5728.985 PASS Ant1 5270 36.176 5251.915 5288.091 PASS Ant2 5270 36.145 5251.915 5288.091 PASS Ant2 5310 36.261 5282.321 PASS Ant2 5510 36.169 5491.941 5528.110 PASS Ant2 5510 36.169 5691.801 <td></td> <td>Ant1</td> <td>5580</td> <td>17.652</td> <td>5571.230</td> <td>5588.882</td> <td>PASS</td>		Ant1	5580	17.652	5571.230	5588.882	PASS
Ant1 5700 17.668 5691.167 5708.835 PASS Ant2 5700 17.625 5691.226 5708.851 PASS Ant1 5720 17.701 5711.194 5728.985 PASS Ant2 5720 17.706 5711.235 5728.941 PASS Ant1 5720 UNII-2C 13.806 5711.194 5725 PASS Ant2 5720 UNII-3 3.985 5725 5728.985 PASS Ant1 5720 UNII-3 3.941 5725 5728.941 PASS Ant2 5720 UNII-3 3.941 5725 5728.945 PASS Ant1 5210 36.176 5228.135 PASS Ant2 5310 36.174 5292.049 5288.094 PASS Ant1 5510 36.174 5292.058 5328.232 PASS Ant1 5510 36.169 5491.941 5528.110 PASS Ant2 5510 36.169		Ant2	5580	17.763	5571.178	5588.941	PASS
Ant2 5700 17.625 5691.226 5708.851 PASS Ant1 5720 17.791 5711.194 5728.985 PASS Ant1 5720_UNII-2C 13.806 5711.235 5725 PASS Ant1 5720_UNII-2C 13.806 5711.235 5725 PASS Ant1 5720_UNII-3 3.985 5725 5728.985 PASS Ant1 5720_UNII-3 3.941 5725 5728.985 PASS Ant2 5720_UNII-3 3.941 5725 5728.985 PASS Ant1 5720_UNII-3 3.941 5725 5728.985 PASS Ant1 5720_UNII-3 3.941 5725 5728.985 PASS Ant1 5270 36.176 5251.915 5288.094 PASS Ant2 5310 36.145 5228.194 PASS Ant1 5510 36.169 5491.941 5528.102 PASS Ant2 5500 36.072 5572.108 5608.		Ant1	5700	17.668	5691.167	5708.835	PASS
Ant1 5720 17.791 5711.194 5728.985 PASS Ant2 5720 17.706 5711.235 5728.941 PASS Ant1 5720_UNII-2C 13.806 5711.194 5725 PASS Ant1 5720_UNII-2C 13.765 5711.235 5725 PASS Ant1 5720_UNII-3 3.985 5725 5728.985 PASS Ant1 5720_UNII-3 3.941 5725 5728.985 PASS Ant2 5270_0 36.176 5251.915 5288.091 PASS Ant1 5270 36.176 5251.949 5288.094 PASS Ant1 5310 36.174 5292.058 5328.232 PASS Ant1 5510 36.174 5292.049 5328.135 PASS Ant1 5510 36.195 5671.915 5608.180 PASS Ant2 5510 36.265 5571.915 5608.180 PASS Ant2 5570 36.195 5651.969<		Ant2	5700	17.625	5691.226	5708.851	PASS
Ant2 5720 17.706 5711.235 5728.941 PASS Ant1 5720_UNII-2C 13.806 5711.194 5725 PASS Ant2 5720_UNII-2C 13.765 5711.235 5725 PASS Ant2 5720_UNII-3 3.985 5725 5728.985 PASS Ant2 5720_UNII-3 3.941 5725 5728.941 PASS Ant2 5720_UNII-3 3.941 5725 5728.941 PASS Ant2 5720_UNII-3 3.941 5725 5728.941 PASS Ant1 5270 36.176 5251.915 5288.091 PASS Ant1 5310 36.176 5292.049 5328.135 PASS Ant1 5510 36.211 5492.034 5528.245 PASS Ant1 5510 36.169 5491.941 5528.10 PASS Ant2 5590 36.272 5572.108 5608.180 PASS Ant2 5670 36.140 5652.054		Ant1	5720	17.791	5711.194	5728.985	PASS
Ant1 5720_UNII-2C 13.806 5711.194 5725 PASS Ant2 5720_UNII-2C 13.765 5711.235 5725 PASS Ant1 5720_UNII-3 3.985 5725 5728.985 PASS Ant2 5720_UNII-3 3.941 5725 5728.941 PASS Ant2 5720_UNII-3 3.941 5725 5728.941 PASS Ant2 5270 36.176 5251.915 5288.091 PASS Ant1 5310 36.086 5292.049 5328.135 PASS Ant2 5510 36.174 5292.058 5328.232 PASS Ant2 5510 36.169 5491.941 5528.110 PASS Ant1 5590 36.265 5571.915 5608.180 PASS Ant2 5570 36.195 5651.969 5688.164 PASS Ant2 5670 36.140 5652.054 5688.194 PASS Ant2 5710 36.215 5691.905<		Ant2	5720	17.706	5711.235	5728.941	PASS
Ant2 5720_UNII-2C 13.765 5711.235 5725 PASS Ant1 5720_UNII-3 3.985 5725 5728.985 PASS Ant2 5720_UNII-3 3.941 5725 5728.941 PASS Ant1 5270_36.176 5251.915 5288.091 PASS Ant2 5270 36.176 5251.949 5288.094 PASS Ant1 5310 36.174 5292.049 5328.135 PASS Ant1 5510 36.174 5292.058 5328.232 PASS Ant1 5510 36.169 5491.941 5528.110 PASS Ant1 5500 36.072 5572.108 5608.180 PASS Ant1 5670 36.195 5651.969 5688.164 PASS Ant1 5710 36.276 5691.905 5728.120 PASS Ant1 5710_UNII-2C 33.095 5691.905 5728.120 PASS Ant2 5710_UNII-2C 33.106 5691.894		Ant1	5720_UNII-2C	13.806	5711.194	5725	PASS
Ant1 5720_UNII-3 3.985 5725 5728.985 PASS Ant2 5720_UNII-3 3.941 5725 5728.941 PASS Ant1 5270 36.176 5251.915 5288.091 PASS Ant1 5270 36.145 5251.949 5288.091 PASS Ant2 5270 36.174 5292.049 5328.135 PASS Ant2 5310 36.174 5292.058 5328.232 PASS Ant2 5510 36.174 5292.058 5328.245 PASS Ant1 5510 36.169 5491.941 5528.100 PASS Ant2 5590 36.265 5571.915 5608.180 PASS Ant1 5670 36.195 5651.969 5688.164 PASS Ant2 5670 36.140 5652.054 5688.194 PASS Ant1 5710 36.275 5691.905 5728.120 PASS Ant2 5710 36.276 5691.905		Ant2	5720_UNII-2C	13.765	5711.235	5725	PASS
Ant2 5720_UNII-3 3.941 5725 5728.941 PASS Ant1 5270 36.176 5251.915 5288.091 PASS Ant2 5270 36.145 5251.949 5288.094 PASS Ant1 5310 36.086 5292.049 5328.135 PASS Ant2 5310 36.174 5292.058 5328.232 PASS Ant1 5510 36.174 5292.058 5328.232 PASS Ant1 5510 36.169 5491.941 5528.110 PASS Ant1 5590 36.265 5571.915 5608.180 PASS Ant1 5670 36.195 5651.969 5688.164 PASS Ant1 5710 36.215 5691.905 5728.120 PASS Ant1 5710 36.215 5691.905 5728.120 PASS Ant1 5710_UNII-2C 33.095 5691.905 5725 PASS Ant2 5710_UNII-2C 33.106 5691.894<		Ant1	5720_UNII-3	3.985	5725	5728.985	PASS
Ant1 5270 36.176 5251.915 5288.091 PASS Ant2 5270 36.145 5251.949 5288.094 PASS Ant1 5310 36.086 5292.049 5328.135 PASS Ant2 5310 36.174 5292.058 5328.232 PASS Ant1 5510 36.211 5492.034 5528.245 PASS Ant1 5500 36.265 5571.915 5608.180 PASS Ant1 5590 36.072 5572.108 5608.180 PASS Ant1 5670 36.140 5652.054 5688.164 PASS Ant1 5710 36.215 5691.905 5728.120 PASS Ant1 5710 36.215 5691.905 5728.120 PASS Ant1 5710_UNII-2C 33.095 5691.905 5725. PASS Ant1 5710_UNII-3 3.12 5725 PASS Ant1 5710_UNII-3 3.17 5725 5728.120		Ant2	5720_UNII-3	3.941	5725	5728.941	PASS
Ant2 5270 36.145 5251.949 5288.094 PASS Ant1 5310 36.086 5292.049 5328.135 PASS Ant2 5310 36.174 5292.049 5328.232 PASS Ant1 5510 36.174 5292.049 5328.232 PASS Ant1 5510 36.199 5491.941 5528.245 PASS Ant2 5510 36.169 5491.941 5528.110 PASS Ant1 5590 36.265 5571.915 5608.180 PASS Ant1 5670 36.195 5651.969 5688.164 PASS Ant1 5710 36.215 5691.905 5728.120 PASS Ant1 5710 36.276 5691.905 5728.170 PASS Ant1 5710_UNII-2C 33.095 5691.905 5725 PASS Ant1 5710_UNII-2C 33.106 5691.894 5725 PASS Ant2 5710_UNII-3 3.17 5725		Ant1	5270	36.176	5251.915	5288.091	PASS
Ant1 5310 36.086 5292.049 5328.135 PASS Ant2 5310 36.174 5292.058 5328.232 PASS Ant1 5510 36.211 5492.034 5528.245 PASS Ant2 5510 36.169 5491.941 5528.110 PASS Ant2 5590 36.265 5571.915 5608.180 PASS Ant1 5670 36.195 5651.969 5688.164 PASS Ant2 5670 36.140 5652.054 5688.194 PASS Ant1 5710 36.276 5691.905 5728.120 PASS Ant1 5710 36.276 5691.905 5728.120 PASS Ant1 5710_UNII-2C 33.095 5691.905 5725 PASS Ant2 5710_UNII-3 3.12 5725 PASS Ant1 5710_UNII-3 3.17 5725 5728.120 PASS Ant2 5710_UNII-3 3.17 5725 5728.170		Ant2	5270	36.145	5251.949	5288.094	PASS
Ant2 5310 36.174 5292.058 5328.232 PASS Ant1 5510 36.211 5492.034 5528.245 PASS Ant2 5510 36.169 5491.941 5528.110 PASS Ant2 5590 36.265 5571.915 5608.180 PASS Ant1 5590 36.072 5572.108 5608.180 PASS Ant1 5670 36.195 5651.969 5688.164 PASS Ant1 5710 36.215 5691.905 5728.120 PASS Ant1 5710 36.276 5691.905 5728.120 PASS Ant2 5710 36.276 5691.905 5725 PASS Ant2 5710 UNII-2C 33.095 5691.905 5725 PASS Ant1 5710 UNII-2C 33.106 5691.894 5725 PASS Ant2 5710 UNII-3 3.12 5725 5728.170 PASS Ant2 5710		Ant1	5310	36.086	5292.049	5328.135	PASS
Ant1 5510 36.211 5492.034 5528.245 PASS Ant2 5510 36.169 5491.941 5528.110 PASS Ant1 5590 36.265 5571.915 5608.180 PASS Ant2 5590 36.072 5572.108 5608.180 PASS Ant1 5670 36.195 5651.969 5688.164 PASS Ant2 5670 36.140 5652.054 5688.194 PASS Ant1 5710 36.215 5691.905 5728.120 PASS Ant1 5710_UNII-2C 33.095 5691.905 5725 PASS Ant1 5710_UNII-2C 33.006 5691.894 5725 PASS Ant1 5710_UNII-3 3.12 5725 5728.120 PASS Ant1 5710_UNII-3 3.12 5725 5728.120 PASS Ant1 5710_UNII-3 3.17 5725 5728.170 PASS Ant2 5710_UNII-3 3.17 5725 <td></td> <td>Ant2</td> <td>5310</td> <td>36.174</td> <td>5292.058</td> <td>5328.232</td> <td>PASS</td>		Ant2	5310	36.174	5292.058	5328.232	PASS
Ant2 5510 36.169 5491.941 5528.110 PASS Ant1 5590 36.265 5571.915 5608.180 PASS Ant2 5590 36.072 5572.108 5608.180 PASS Ant1 5670 36.195 5651.969 5688.164 PASS Ant2 5670 36.140 5652.054 5688.194 PASS Ant1 5710 36.215 5691.905 5728.120 PASS Ant2 5710 36.276 5691.894 5728.170 PASS Ant2 5710_UNII-2C 33.095 5691.905 5725 PASS Ant1 5710_UNII-2C 33.106 5691.894 5725 PASS Ant1 5710_UNII-3 3.12 5725 5728.120 PASS Ant2 5710_UNII-3 3.17 5725 5728.120 PASS Ant2 5710_UNII-3 3.17 5725 5728.170 PASS Ant2 5710_UNII-3 3.17 5725 <td></td> <td>Ant1</td> <td>5510</td> <td>36.211</td> <td>5492.034</td> <td>5528.245</td> <td>PASS</td>		Ant1	5510	36.211	5492.034	5528.245	PASS
Ant1 5590 36.265 5571.915 5608.180 PASS Ant2 5590 36.072 5572.108 5608.180 PASS Ant1 5670 36.195 5651.969 5688.164 PASS Ant2 5670 36.140 5652.054 5688.194 PASS Ant1 5710 36.215 5691.905 5728.120 PASS Ant1 5710_UNII-2C 33.095 5691.894 5728.170 PASS Ant1 5710_UNII-2C 33.095 5691.905 5725 PASS Ant2 5710_UNII-2C 33.106 5691.894 5725 PASS Ant1 5710_UNII-3 3.12 5725 5728.120 PASS Ant1 5710_UNII-3 3.17 5725 5728.120 PASS Ant2 5710_UNII-3 3.17 5725 5728.170 PASS Ant1 5530 76.306 5492.121 5588.427 PASS Ant2 5530 76.015 5492		Ant2	5510	36.169	5491.941	5528.110	PASS
Ant2 5590 36.072 5572.108 5608.180 PASS Ant1 5670 36.195 5651.969 5688.164 PASS Ant2 5670 36.140 5652.054 5688.194 PASS Ant1 5710 36.215 5691.905 5728.120 PASS Ant2 5710 36.276 5691.894 5728.170 PASS Ant1 5710_UNII-2C 33.095 5691.905 5725 PASS Ant2 5710_UNII-2C 33.106 5691.894 5725 PASS Ant1 5710_UNII-3 3.12 5725 5728.120 PASS Ant1 5710_UNII-3 3.12 5725 5728.120 PASS Ant1 5710_UNII-3 3.17 5725 5728.170 PASS Ant2 5710_UNII-3 3.17 5725 5728.170 PASS Ant2 5720 75.878 5252.123 5328.001 PASS Ant2 5530 76.306 5492.121 <td></td> <td>Ant1</td> <td>5590</td> <td>36.265</td> <td>5571.915</td> <td>5608.180</td> <td>PASS</td>		Ant1	5590	36.265	5571.915	5608.180	PASS
Ant1 5670 36.195 5651.969 5688.164 PASS Ant2 5670 36.140 5652.054 5688.194 PASS Ant1 5710 36.215 5691.905 5728.120 PASS Ant2 5710 36.276 5691.894 5728.170 PASS Ant1 5710_UNII-2C 33.095 5691.905 5725 PASS Ant2 5710_UNII-2C 33.106 5691.894 5725 PASS Ant2 5710_UNII-3 3.12 5725 5728.120 PASS Ant2 5710_UNII-3 3.12 5725 5728.120 PASS Ant1 5710_UNII-3 3.12 5725 5728.120 PASS Ant1 5290 75.878 5252.123 5328.001 PASS Ant1 5290 75.716 5252.274 5327.990 PASS Ant1 5530 76.015 5492.173 5568.427 PASS Ant1 5610 76.270 5572.042 <td></td> <td>Ant2</td> <td>5590</td> <td>36.072</td> <td>5572.108</td> <td>5608.180</td> <td>PASS</td>		Ant2	5590	36.072	5572.108	5608.180	PASS
Ant2 5670 36.140 5652.054 5688.194 PASS Ant1 5710 36.215 5691.905 5728.120 PASS Ant2 5710 36.276 5691.894 5728.170 PASS Ant2 5710_UNII-2C 33.095 5691.905 5725 PASS Ant2 5710_UNII-2C 33.095 5691.905 5725 PASS Ant2 5710_UNII-2C 33.106 5691.894 5725 PASS Ant2 5710_UNII-3 3.12 5725 5728.120 PASS Ant1 5710_UNII-3 3.12 5725 5728.120 PASS Ant2 5710_UNII-3 3.17 5725 5728.120 PASS Ant2 5710_UNII-3 3.17 5725 5728.170 PASS Ant2 5710_UNII-3 3.17 5725 5728.170 PASS Ant2 5290 75.716 5252.274 5327.990 PASS Ant1 5530 76.015 5492.1	11N40MIMO	Ant1	5670	36.195	5651.969	5688.164	PASS
Ant1 5710 36.215 5691.905 5728.120 PASS Ant2 5710 36.276 5691.894 5728.170 PASS Ant1 5710_UNII-2C 33.095 5691.905 5725 PASS Ant2 5710_UNII-2C 33.095 5691.905 5725 PASS Ant2 5710_UNII-2C 33.106 5691.894 5725 PASS Ant2 5710_UNII-3 3.12 5725 5728.120 PASS Ant1 5710_UNII-3 3.12 5725 5728.120 PASS Ant2 5710_UNII-3 3.17 5725 5728.170 PASS Ant2 5710_UNII-3 3.17 5725 5728.170 PASS Ant2 5710_UNII-3 3.17 5725 5728.170 PASS Ant2 5290 75.878 5252.123 5328.001 PASS Ant1 5530 76.306 5492.121 5568.427 PASS Ant1 5610 76.270 5572.0		Ant2	5670	36.140	5652.054	5688.194	PASS
Ant2 5710 36.276 5691.894 5728.170 PASS Ant1 5710_UNII-2C 33.095 5691.905 5725 PASS Ant2 5710_UNII-2C 33.095 5691.905 5725 PASS Ant2 5710_UNII-2C 33.106 5691.894 5725 PASS Ant2 5710_UNII-3 3.12 5725 5728.120 PASS Ant2 5710_UNII-3 3.17 5725 5728.170 PASS Ant2 5290 75.878 5252.123 5328.001 PASS Ant1 5530 76.306 5492.121 5568.427 PASS Ant1 5510 76.015 5492.173 5568.188 PASS Ant1 5610 76.270 5572.0		Ant1	5710	36.215	5691,905	5728.120	PASS
Ant1 5710_UNII-2C 33.095 5691.905 5725 PASS Ant2 5710_UNII-2C 33.106 5691.894 5725 PASS Ant1 5710_UNII-3 3.12 5725 5728.120 PASS Ant2 5710_UNII-3 3.12 5725 5728.120 PASS Ant2 5710_UNII-3 3.17 5725 5728.170 PASS Ant2 5290 75.878 5252.123 5328.001 PASS Ant1 5530 76.306 5492.121 5568.427 PASS Ant1 5530 76.015 5492.173 5568.188 PASS Ant1 5610 76.270 5572.042 5648.312 PASS Ant2 5610 75.715 5572.441<		Ant2	5710	36.276	5691.894	5728.170	PASS
Ant2 5710_UNII-2C 33.106 5691.894 5725 PASS Ant1 5710_UNII-3 3.12 5725 5728.120 PASS Ant2 5710_UNII-3 3.17 5725 5728.170 PASS Ant2 5290 75.878 5252.123 5328.001 PASS Ant2 5290 75.716 5252.274 5327.990 PASS Ant1 5530 76.306 5492.121 5568.427 PASS Ant2 5530 76.015 5492.173 5568.188 PASS Ant1 5610 76.270 5572.042 5648.312 PASS Ant2 5610 75.715 5572.441		Ant1	5710 UNII-2C	33.095	5691.905	5725	PASS
Ant1 5710_UNII-3 3.12 5725 5728.120 PASS Ant2 5710_UNII-3 3.17 5725 5728.170 PASS Ant2 5710_UNII-3 3.17 5725 5728.170 PASS Ant2 5710_UNII-3 3.17 5725 5728.170 PASS Ant1 5290 75.878 5252.123 5328.001 PASS Ant2 5290 75.716 5252.274 5327.990 PASS Ant1 5530 76.306 5492.121 5568.427 PASS Ant2 5530 76.015 5492.173 5568.188 PASS Ant1 5610 76.270 5572.042 5648.312 PASS Ant2 5610 75.715 5572.441 5648.156 PASS		Ant2	5710 UNII-2C	33,106	5691.894	5725	PASS
Ant2 5710_UNII-3 3.17 5725 5728.170 PASS Ant1 5290 75.878 5252.123 5328.001 PASS Ant2 5290 75.716 5252.274 5327.990 PASS Ant1 5530 76.306 5492.121 5568.427 PASS Ant2 5530 76.015 5492.173 5568.188 PASS Ant1 5610 76.270 5572.042 5648.312 PASS		Ant1	5710 UNII-3	3.12	5725	5728,120	PASS
Ant1 5290 75.878 5252.123 5328.001 PASS Ant2 5290 75.716 5252.274 5327.990 PASS Ant1 5530 76.306 5492.121 5568.427 PASS Ant2 5530 76.015 5492.173 5568.188 PASS Ant1 5610 76.270 5572.042 5648.312 PASS		Ant2	5710 UNII-3	3.17	5725	5728 170	PASS
Ant2 5290 75.716 5252.274 5327.990 PASS Ant1 5530 76.306 5492.121 5568.427 PASS Ant2 5530 76.015 5492.173 5568.188 PASS Ant1 5610 76.270 5572.042 5648.312 PASS Ant2 5610 75.715 5572.441 5648.156 PASS		Ant1	5290	75 878	5252 123	5328 001	PASS
Ant1 5530 76.306 5492.121 5568.427 PASS Ant2 5530 76.015 5492.173 5568.188 PASS Ant1 5610 76.270 5572.042 5648.312 PASS Ant2 5610 75.715 5572.441 5648.156 PASS		Ant2	5290	75 716	5252 274	5327 990	PASS
11AC80MIMO Ant2 5530 76.015 5492.173 5568.188 PASS Ant1 5610 76.270 5572.042 5648.312 PASS Ant2 5610 75.715 5572.441 5648.156 PASS		Ant1	5530	76.306	5492 121	5568 427	PASS
Ant1 5610 76.270 5572.042 5648.312 PASS Ant2 5610 75.715 5572.441 5648.156 PASS	11AC80MIMO	Δnt2	5530	76.015	5492 173	5568 188	PASS
Ant2 5610 75 715 5572 441 5648 156 PASS		Ant1	5610	76 270	5572 042	5648 312	PASS
		Ant2	5610	75 715	5572 441	5648 156	PASS

UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.



REPORT NO.: 4790335848-1 Page 229 of 317

Ant1	5690	75.943	5652.141	5728.084	PASS
Ant2	5690	75.770	5652.260	5728.030	PASS
Ant1	5690_UNII-2C	72.859	5652.141	5725	PASS
Ant2	5690_UNII-2C	72.74	5652.260	5725	PASS
Ant1	5690_UNII-3	3.084	5725	5728.084	PASS
Ant2	5690 UNII-3	3.03	5725	5728.030	PASS





11.2.2. Test Graphs

UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.


























