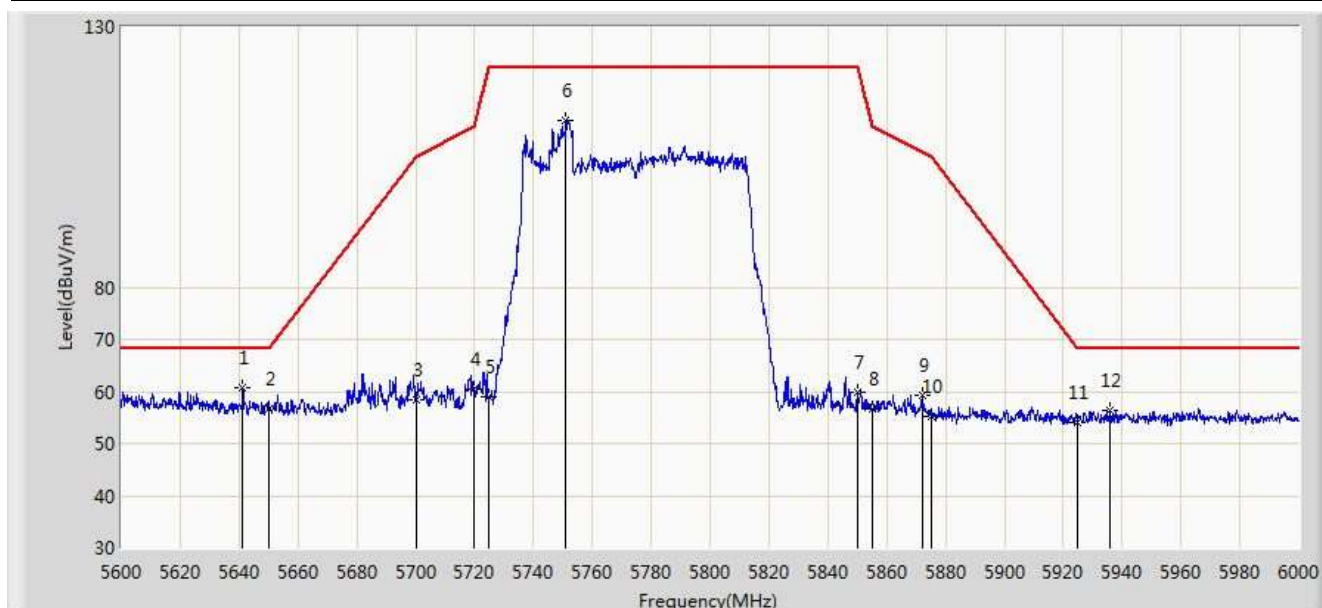


Site: AC1	Time: 2017/09/27 - 15:25
Limit: NCC LP0002_1GHz-40GHz	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: POE (DC 55V)
Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5775MHz Ant 0 + 1 / Ant 0 + 1 + 2 + 3 (Beamforming Mode)	

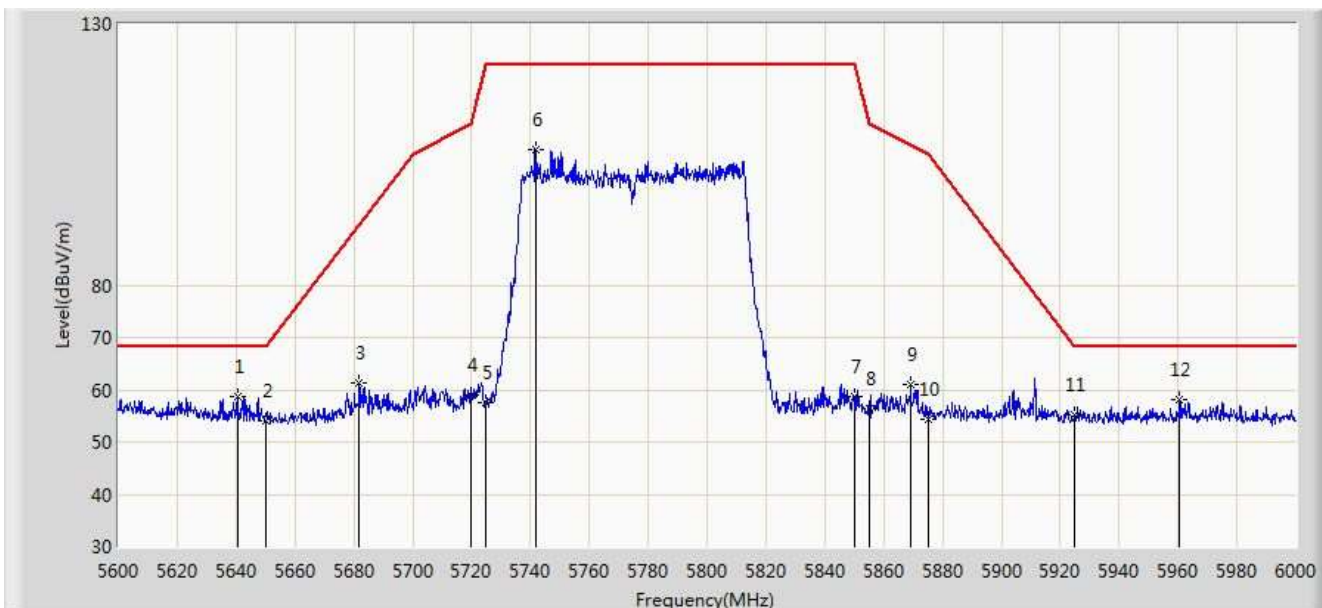


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5641.200	60.663	56.021	-7.537	68.200	4.641	PK
2			5650.000	56.755	52.084	-11.445	68.200	4.671	PK
3			5700.000	58.436	53.558	-46.764	105.200	4.878	PK
4			5720.000	60.487	55.490	-50.313	110.800	4.997	PK
5			5725.000	59.120	54.091	-63.080	122.200	5.029	PK
6			5751.000	112.148	106.959	N/A	N/A	5.189	PK
7			5850.000	59.711	53.985	-62.489	122.200	5.726	PK
8			5855.000	56.665	50.919	-54.135	110.800	5.746	PK
9			5872.000	59.372	53.562	-46.667	106.039	5.809	PK
10			5875.000	55.295	49.475	-49.905	105.200	5.820	PK
11			5925.000	54.168	48.202	-14.032	68.200	5.967	PK
12			5935.800	56.392	50.399	-11.808	68.200	5.993	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2017/09/27 - 15:32
Limit: NCC LP0002_1GHz-40GHz	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: POE (DC 55V)
Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5775MHz Ant 0 + 1 / Ant 0 + 1 + 2 + 3 (Beamforming Mode)	

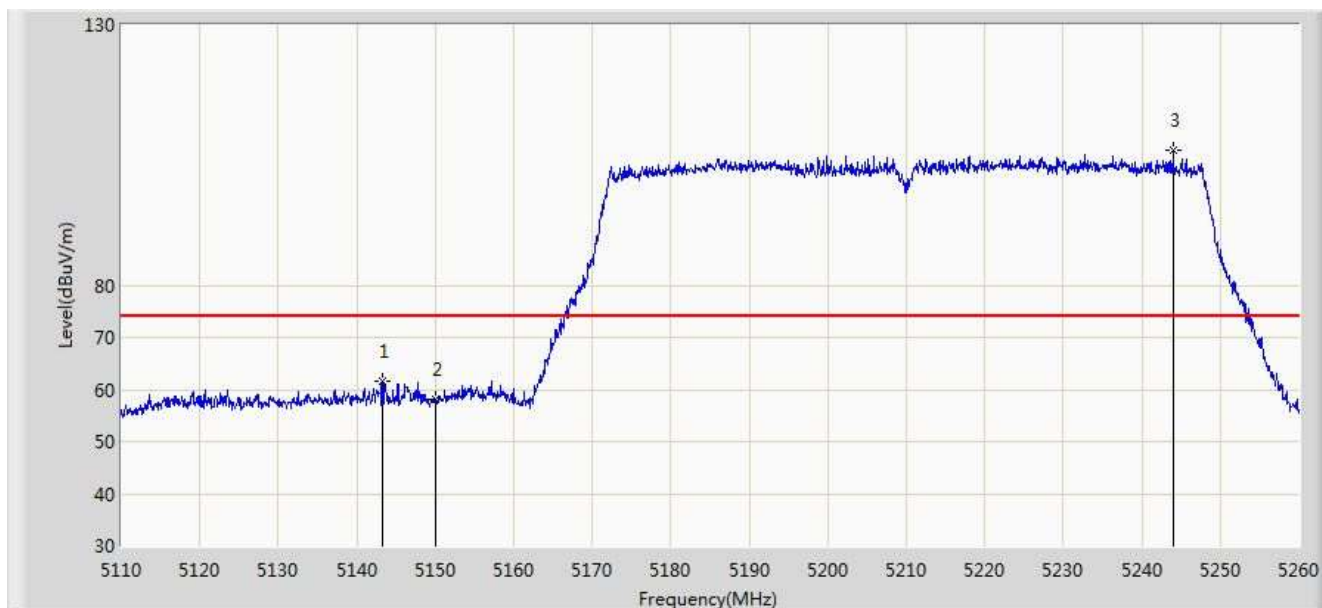


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5640.400	58.732	54.093	-9.468	68.200	4.638	PK
2			5650.000	54.193	49.522	-14.007	68.200	4.671	PK
3			5681.800	61.389	56.594	-30.381	91.770	4.795	PK
4			5720.000	59.028	54.031	-51.772	110.800	4.997	PK
5			5725.000	57.503	52.474	-64.697	122.200	5.029	PK
6			5741.800	106.026	100.890	N/A	N/A	5.136	PK
7			5850.000	58.736	53.010	-63.464	122.200	5.726	PK
8			5855.000	56.484	50.738	-54.316	110.800	5.746	PK
9			5869.200	60.877	55.077	-45.945	106.822	5.800	PK
10			5875.000	54.483	48.663	-50.717	105.200	5.820	PK
11			5925.000	55.160	49.194	-13.040	68.200	5.967	PK
12			5960.600	57.987	51.942	-10.213	68.200	6.045	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2017/09/27 - 15:35
Limit: NCC LP0002_1GHz-40GHz	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: POE (DC 55V)
Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5210MHz Ant 2 + 3 / Ant 0 + 1 + 2 + 3 (Beamforming Mode)	

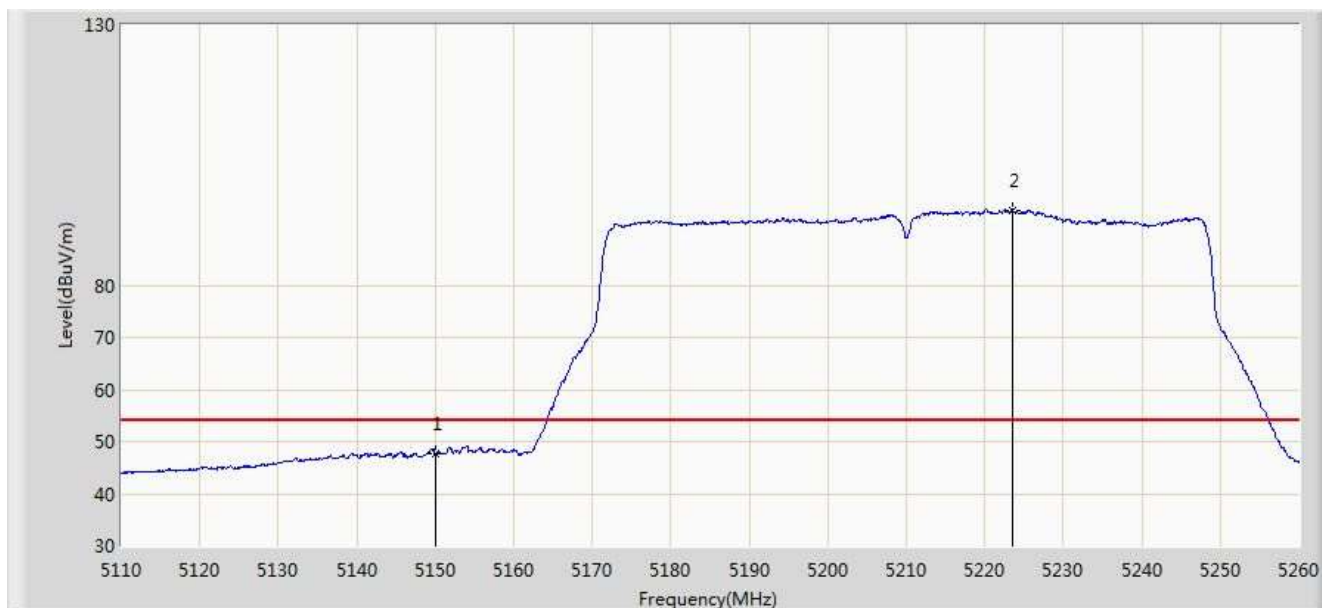


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5143.225	61.532	57.356	-12.468	74.000	4.176	PK
2			5150.000	57.974	53.805	-16.026	74.000	4.170	PK
3		*	5244.025	105.895	102.027	N/A	N/A	3.868	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2017/09/27 - 15:40
Limit: NCC LP0002_1GHz-40GHz	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: POE (DC 55V)
Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5210MHz Ant 2 + 3 / Ant 0 + 1 + 2 + 3 (Beamforming Mode)	

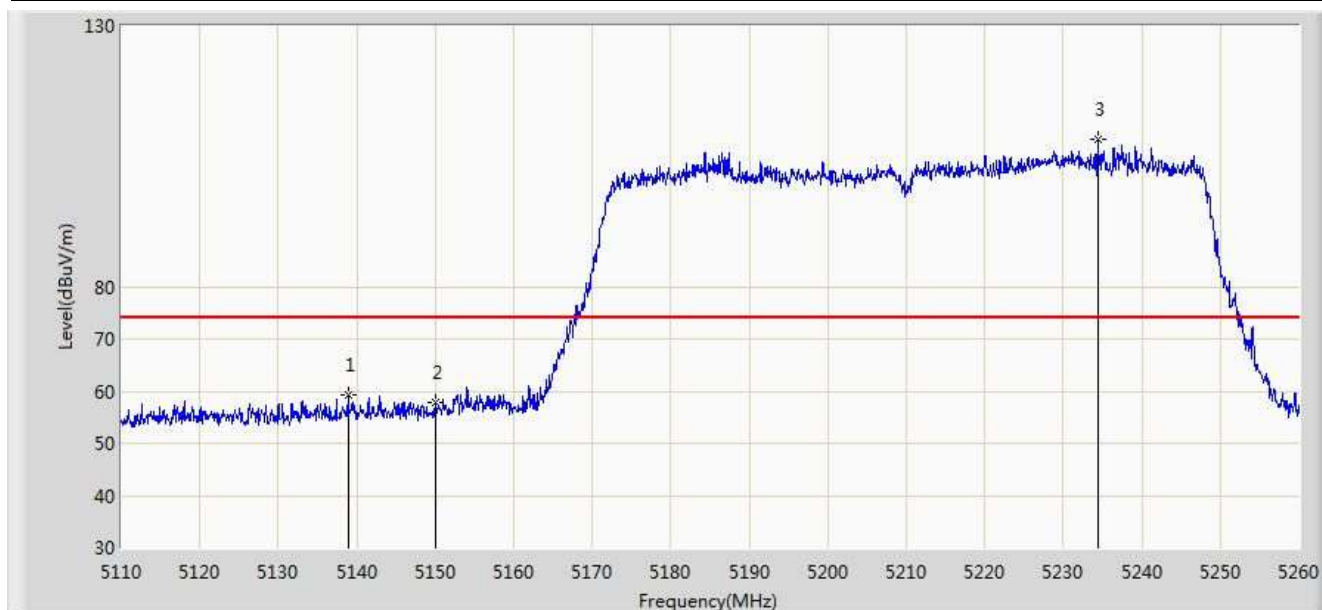


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	47.626	43.457	-6.374	54.000	4.170	AV
2		*	5223.550	94.459	90.531	N/A	N/A	3.928	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2017/09/27 - 15:41
Limit: NCC LP0002_1GHz-40GHz	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: POE (DC 55V)
Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5210MHz Ant 2 + 3 / Ant 0 + 1 + 2 + 3 (Beamforming Mode)	

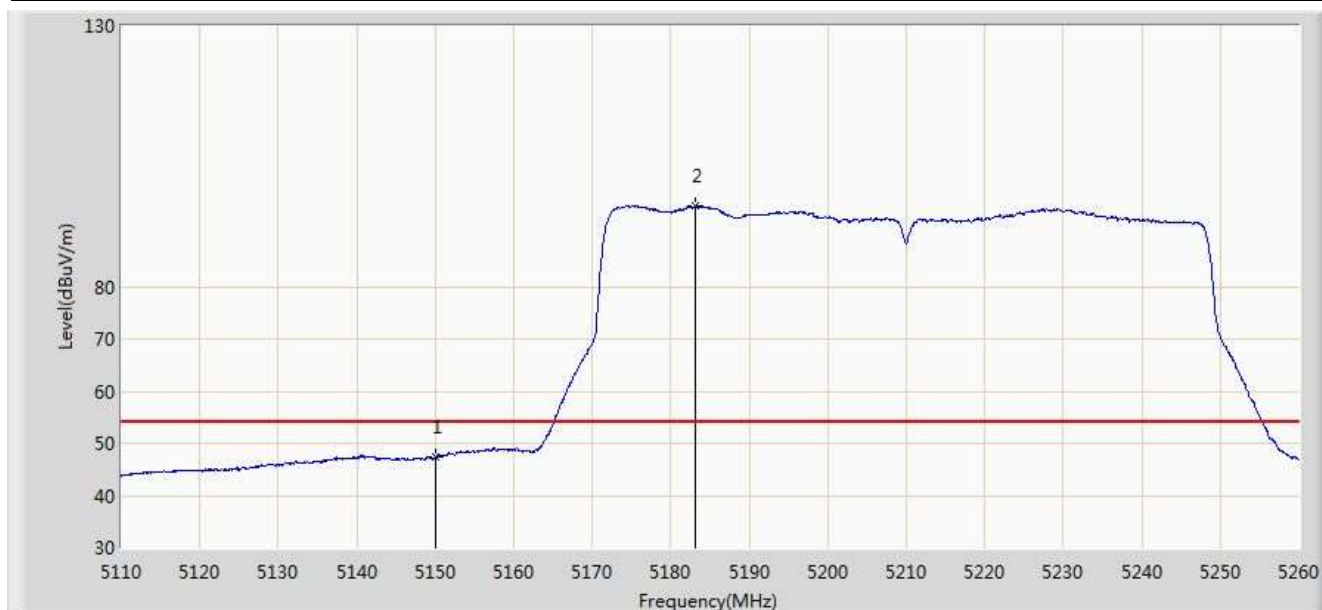


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5138.875	59.279	55.104	-14.721	74.000	4.175	PK
2			5150.000	57.765	53.596	-16.235	74.000	4.170	PK
3		*	5234.425	108.279	104.383	N/A	N/A	3.896	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2017/09/27 - 15:43
Limit: NCC LP0002_1GHz-40GHz	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: POE (DC 55V)
Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5210MHz Ant 2 + 3 / Ant 0 + 1 + 2 + 3 (Beamforming Mode)	

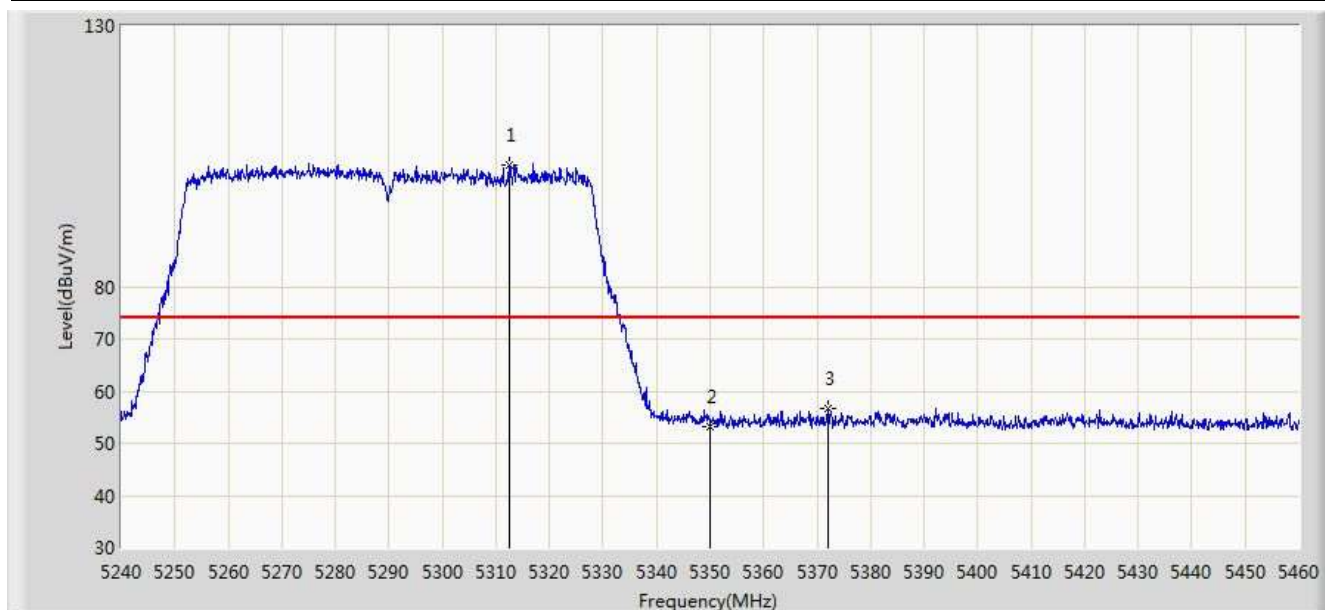


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	47.359	43.190	-6.641	54.000	4.170	AV
2		*	5183.050	95.408	91.350	N/A	N/A	4.057	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2017/09/27 - 15:45
Limit: NCC LP0002_1GHz-40GHz	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: POE (DC 55V)
Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5290MHz Ant 2 + 3 / Ant 0 + 1 + 2 + 3 (Beamforming Mode)	

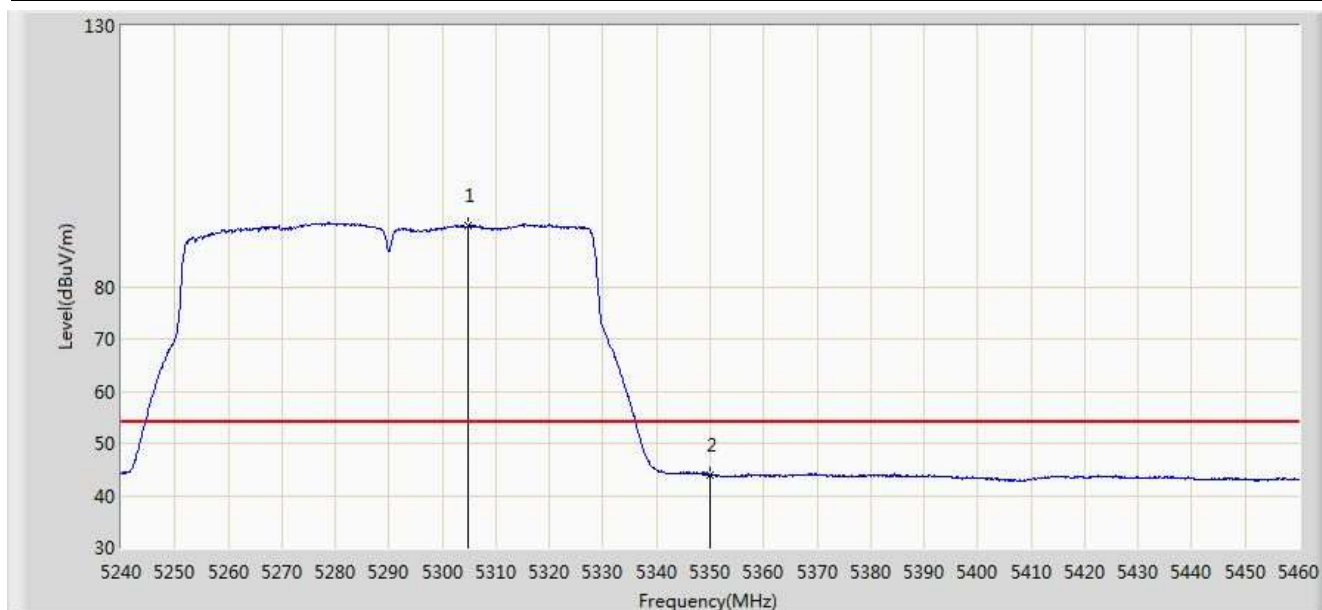


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5312.380	103.476	99.642	N/A	N/A	3.834	PK
2			5350.000	53.213	49.308	-20.787	74.000	3.904	PK
3			5372.000	56.535	52.590	-17.465	74.000	3.944	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2017/09/27 - 15:51
Limit: NCC LP0002_1GHz-40GHz	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: POE (DC 55V)
Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5290MHz Ant 2 + 3 / Ant 0 + 1 + 2 + 3 (Beamforming Mode)	

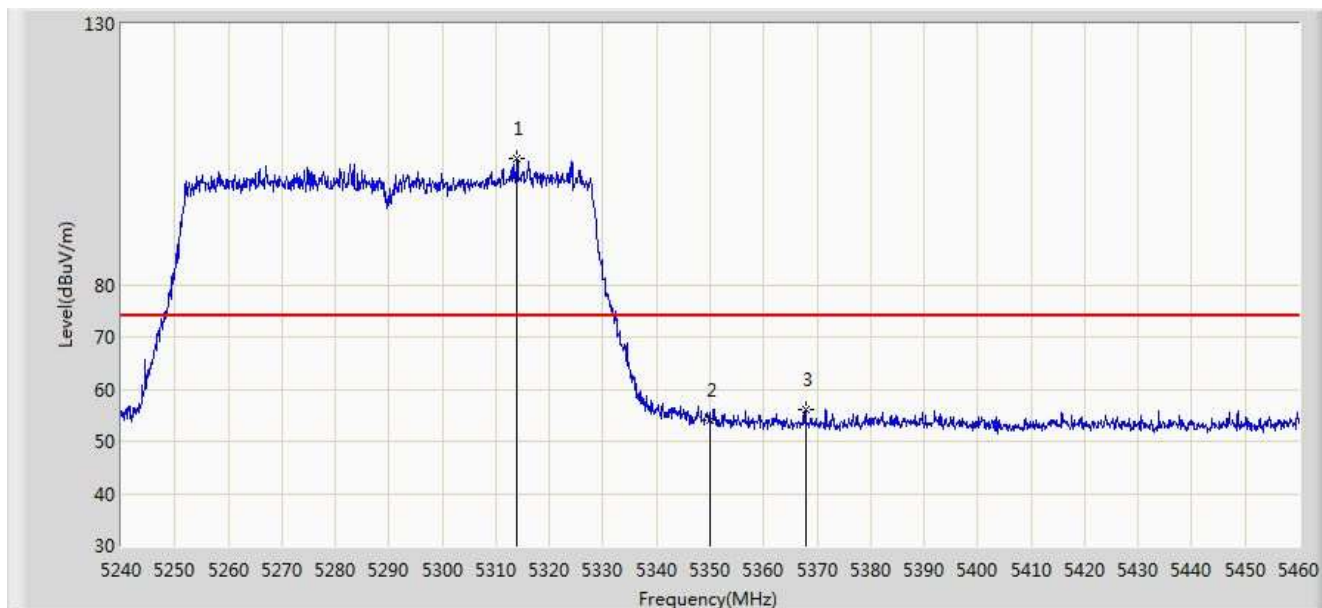


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5304.900	91.675	87.854	N/A	N/A	3.821	AV
2			5350.000	43.999	40.094	-10.001	54.000	3.904	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2017/09/27 - 15:52
Limit: NCC LP0002_1GHz-40GHz	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: POE (DC 55V)
Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5290MHz Ant 2 + 3 / Ant 0 + 1 + 2 + 3 (Beamforming Mode)	

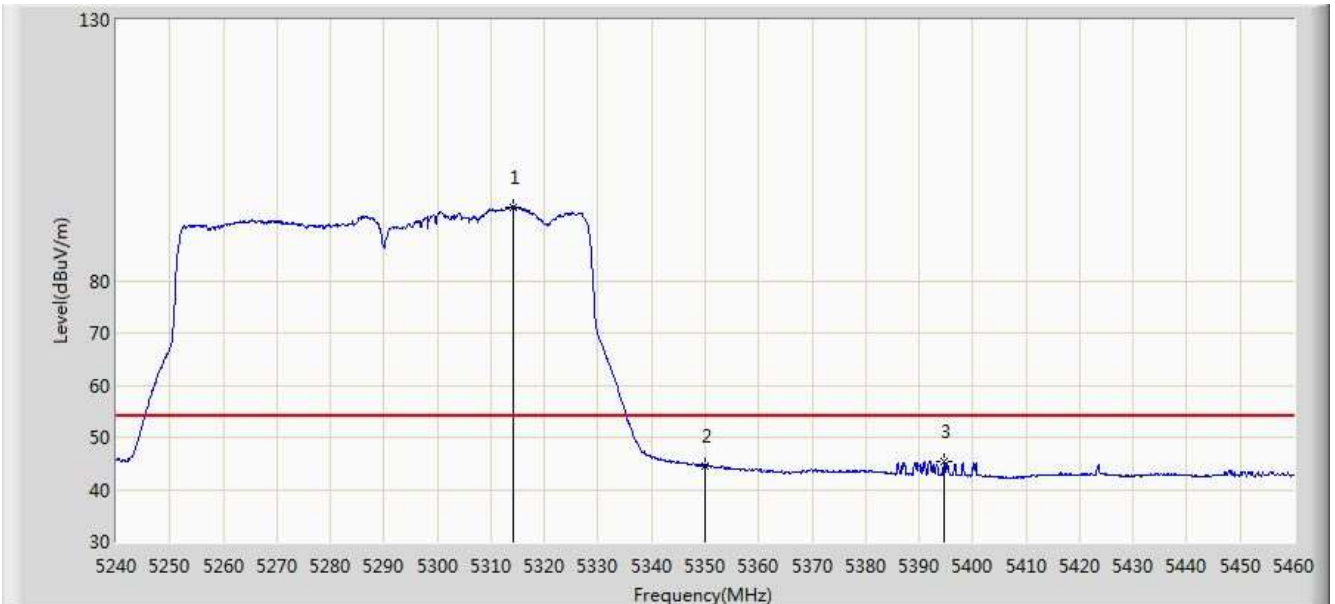


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5313.920	104.263	100.426	N/A	N/A	3.837	PK
2			5350.000	54.029	50.124	-19.971	74.000	3.904	PK
3			5367.820	56.012	52.075	-17.988	74.000	3.937	PK

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2017/09/27 - 15:53
Limit: NCC LP0002_1GHz-40GHz	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: POE (DC 55V)
Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5290MHz Ant 2 + 3 / Ant 0 + 1 + 2 + 3 (Beamforming Mode)	

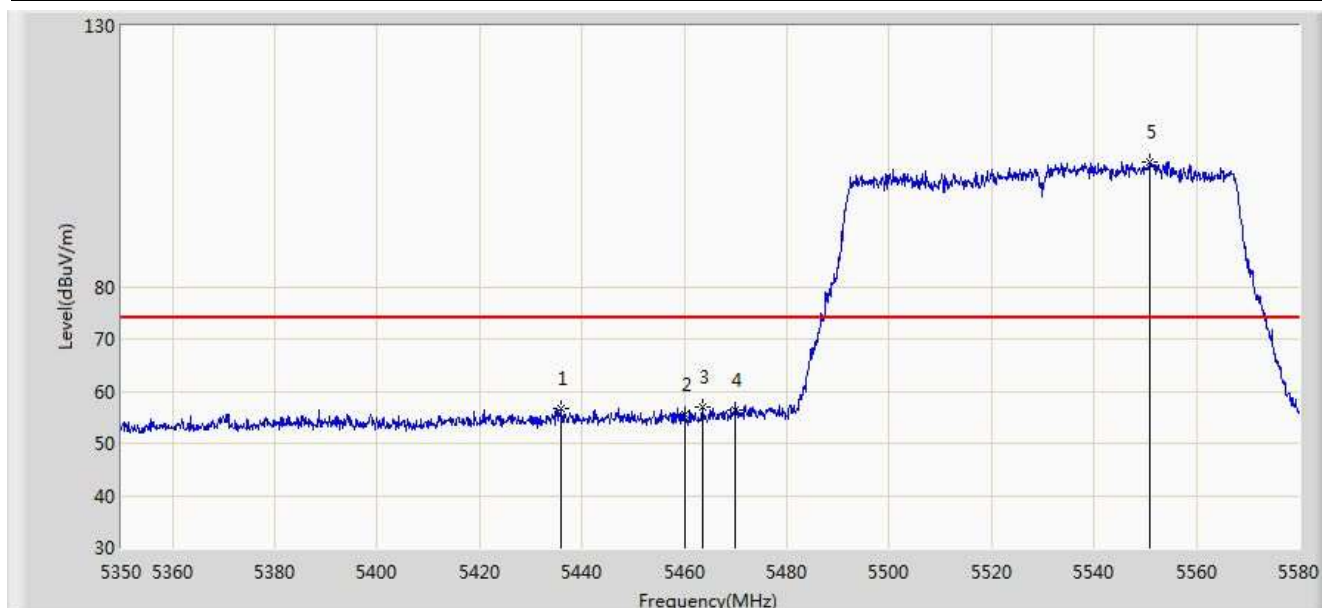


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5314.140	94.164	90.326	N/A	N/A	3.838	AV
2			5350.000	44.485	40.580	-9.515	54.000	3.904	AV
3			5394.660	45.387	41.399	-8.613	54.000	3.988	AV

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2017/09/27 - 15:56
Limit: NCC LP0002_1GHz-40GHz	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: POE (DC 55V)
Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5530MHz Ant 2 + 3 / Ant 0 + 1 + 2 + 3 (Beamforming Mode)	

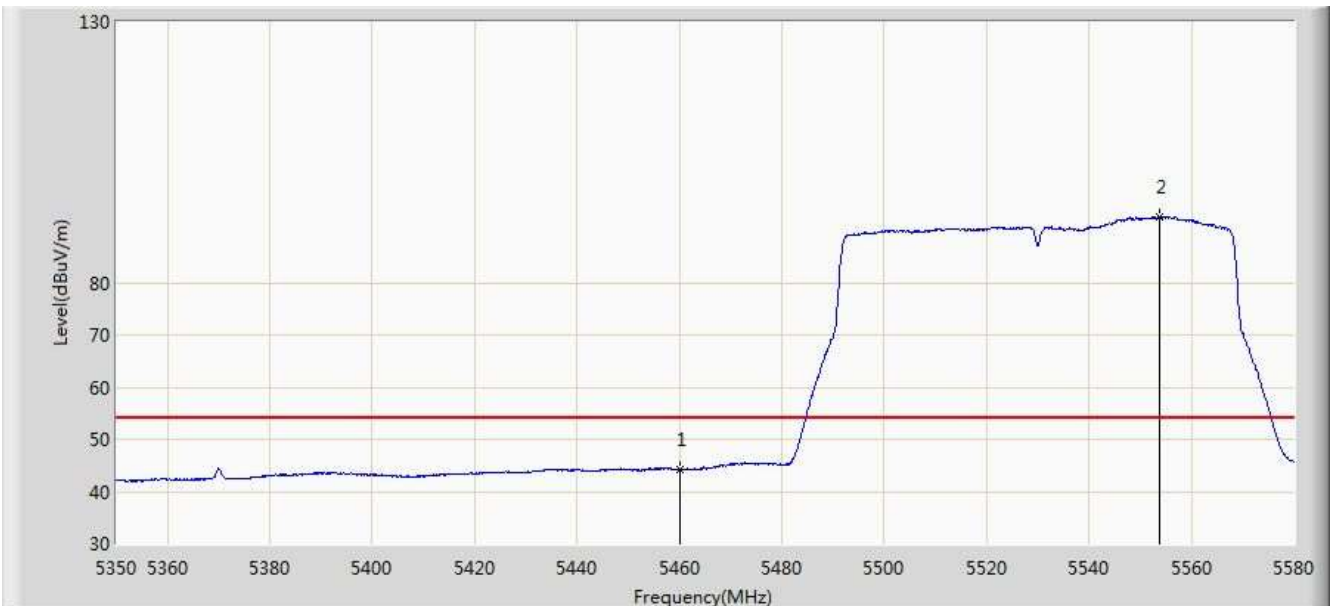


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5436.020	56.598	52.485	-17.402	74.000	4.113	PK
2			5460.000	55.588	51.408	-18.412	74.000	4.180	PK
3			5463.505	56.903	52.715	-17.097	74.000	4.188	PK
4			5470.000	56.393	52.191	-17.607	74.000	4.202	PK
5		*	5550.790	103.807	99.387	N/A	N/A	4.420	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2017/09/27 - 15:59
Limit: NCC LP0002_1GHz-40GHz	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: POE (DC 55V)
Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5530MHz Ant 2 + 3 / Ant 0 + 1 + 2 + 3 (Beamforming Mode)	

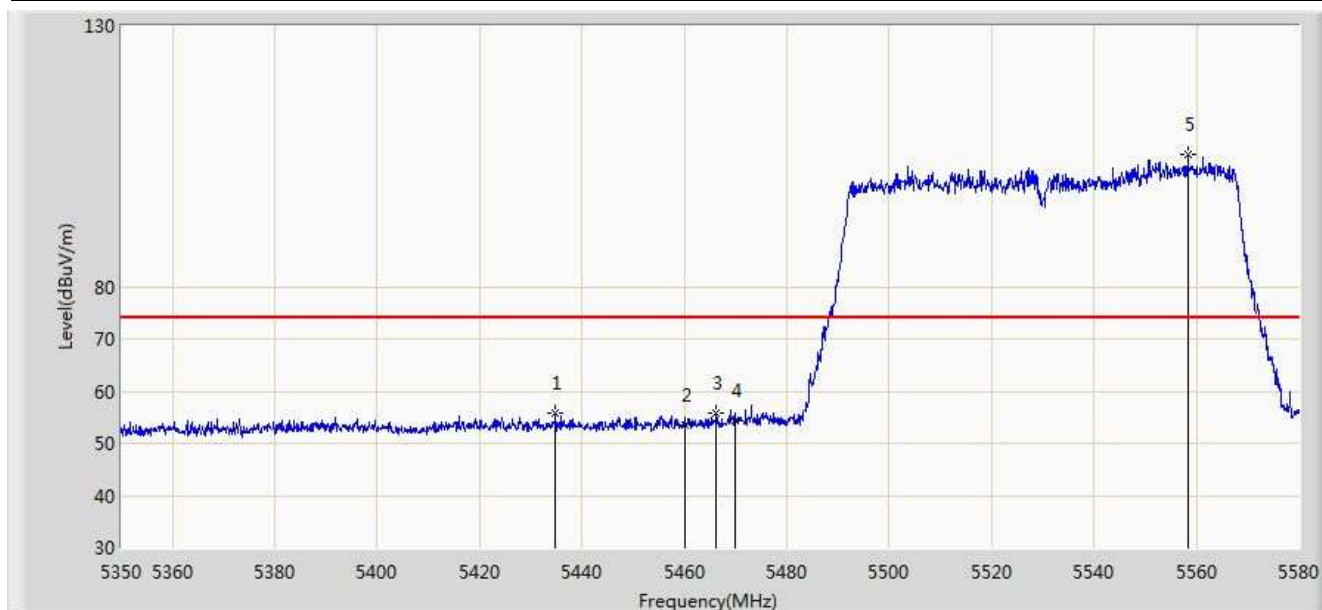


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	44.256	40.076	-9.744	54.000	4.180	AV
2		*	5553.895	92.673	88.245	N/A	N/A	4.428	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2017/09/27 - 16:01
Limit: NCC LP0002_1GHz-40GHz	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: POE (DC 55V)
Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5530MHz Ant 2 + 3 / Ant 0 + 1 + 2 + 3 (Beamforming Mode)	

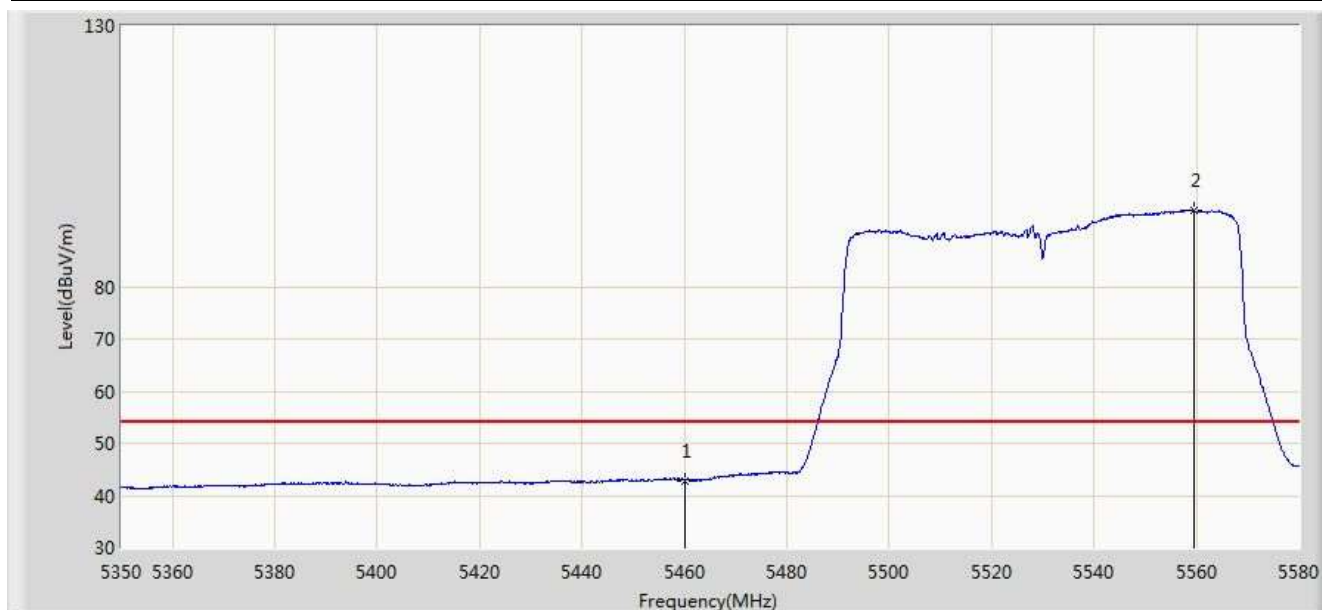


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5434.870	55.693	51.584	-18.307	74.000	4.109	PK
2			5460.000	53.499	49.319	-20.501	74.000	4.180	PK
3			5466.265	55.942	51.748	-18.058	74.000	4.194	PK
4			5470.000	54.292	50.090	-19.708	74.000	4.202	PK
5		*	5558.380	105.342	100.903	N/A	N/A	4.438	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2017/09/27 - 16:02
Limit: NCC LP0002_1GHz-40GHz	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: POE (DC 55V)
Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5530MHz Ant 2 + 3 / Ant 0 + 1 + 2 + 3 (Beamforming Mode)	

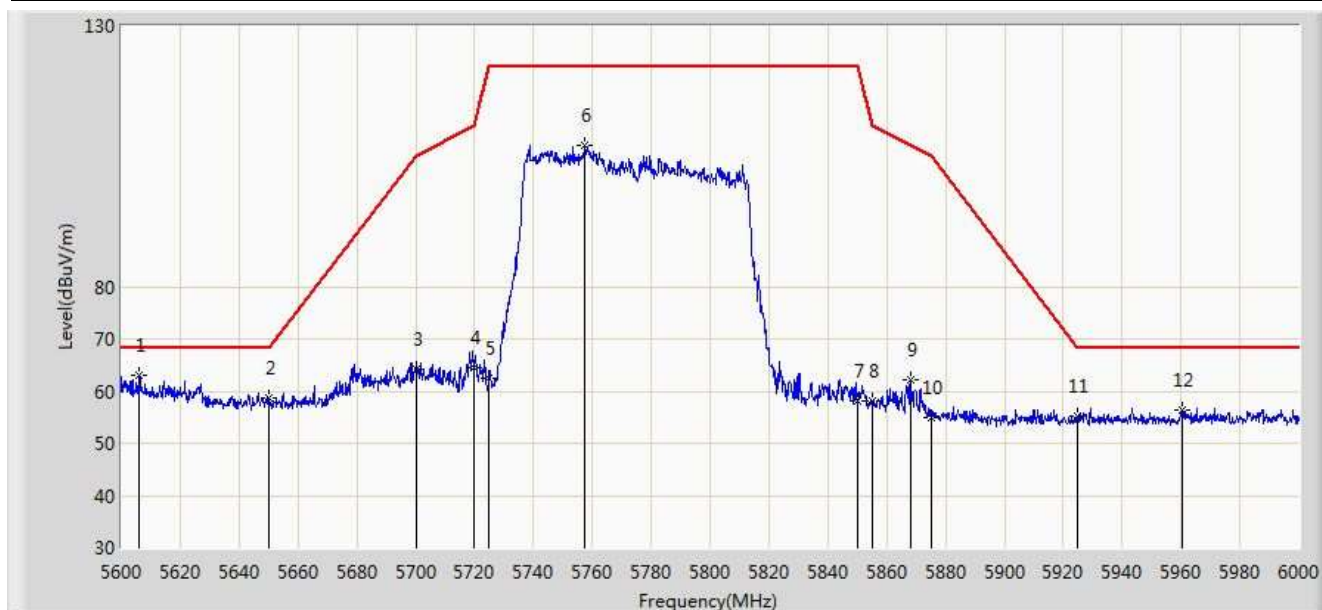


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5460.000	42.884	38.704	-11.116	54.000	4.180	AV
2		*	5559.530	94.528	90.087	N/A	N/A	4.441	AV

Note: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2017/09/27 - 16:04
Limit: NCC LP0002_1GHz-40GHz	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: POE (DC 55V)
Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5775MHz Ant 2 + 3 / Ant 0 + 1 + 2 + 3 (Beamforming Mode)	

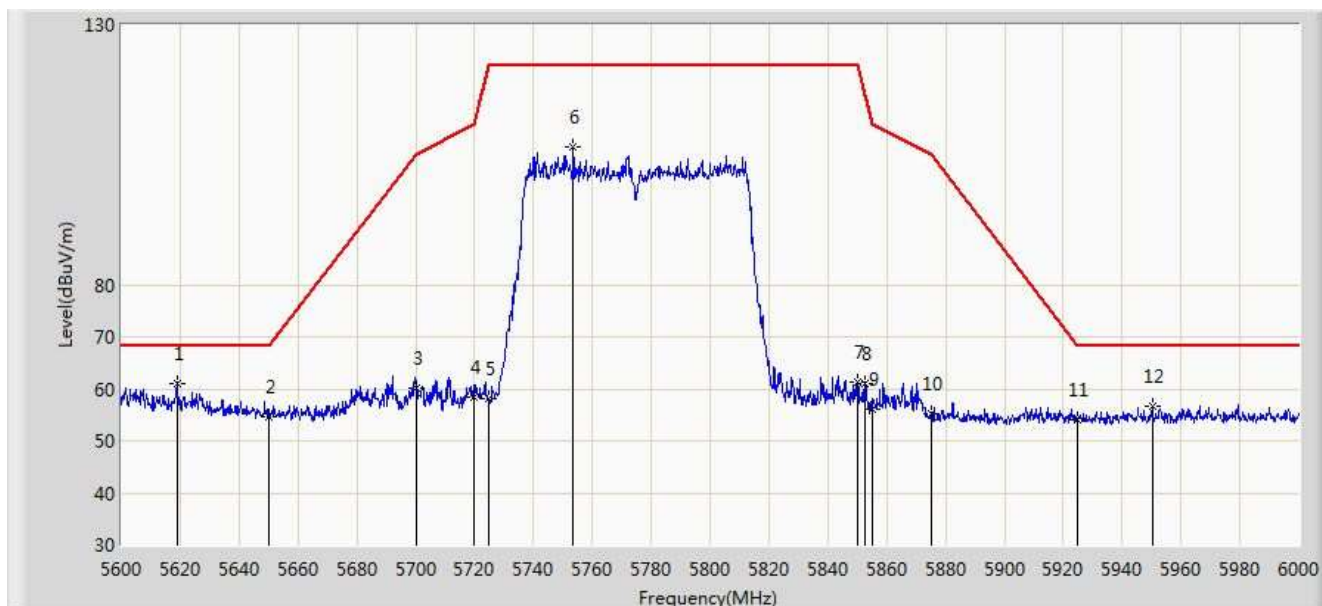


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5606.200	62.947	58.406	-5.253	68.200	4.542	PK
2			5650.000	58.598	53.927	-9.602	68.200	4.671	PK
3			5700.000	64.208	59.330	-40.992	105.200	4.878	PK
4			5720.000	64.418	59.421	-46.382	110.800	4.997	PK
5			5725.000	62.563	57.534	-59.637	122.200	5.029	PK
6			5757.400	107.013	101.788	N/A	N/A	5.226	PK
7			5850.000	58.007	52.281	-64.193	122.200	5.726	PK
8			5855.000	58.121	52.375	-52.679	110.800	5.746	PK
9			5868.000	62.134	56.338	-45.024	107.158	5.796	PK
10			5875.000	55.049	49.229	-50.151	105.200	5.820	PK
11			5925.000	55.125	49.159	-13.075	68.200	5.967	PK
12			5960.200	56.329	50.285	-11.871	68.200	6.044	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Site: AC1	Time: 2017/09/27 - 16:12
Limit: NCC LP0002_1GHz-40GHz	Engineer: Kevin Ker
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: POE (DC 55V)
Test Mode: Transmit by 802.11ac-VHT80+80 at Channel 5775MHz Ant 2 + 3 / Ant 0 + 1 + 2 + 3 (Beamforming Mode)	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5619.000	60.991	56.413	-7.209	68.200	4.578	PK
2			5650.000	54.618	49.947	-13.582	68.200	4.671	PK
3			5700.000	60.033	55.155	-45.167	105.200	4.878	PK
4			5720.000	58.530	53.533	-52.270	110.800	4.997	PK
5			5725.000	58.128	53.099	-64.072	122.200	5.029	PK
6			5753.600	106.533	101.329	N/A	N/A	5.204	PK
7			5850.000	61.429	55.703	-60.771	122.200	5.726	PK
8			5852.800	61.153	55.416	-54.662	115.815	5.736	PK
9			5855.000	56.029	50.283	-54.771	110.800	5.746	PK
10			5875.000	55.268	49.448	-49.932	105.200	5.820	PK
11			5925.000	54.133	48.167	-14.067	68.200	5.967	PK
12			5950.200	56.797	50.771	-11.403	68.200	6.026	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

8. 不必要之發射測試結果

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	36
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7817.0	31.5	12.4	43.9	68.2	-24.3	Peak	Horizontal
*	8769.0	30.3	13.9	44.2	68.2	-24.0	Peak	Horizontal
	9491.5	31.4	14.4	45.8	74.0	-28.2	Peak	Horizontal
	11497.5	31.7	19.3	51.0	74.0	-23.0	Peak	Horizontal
*	7774.5	34.0	12.4	46.4	68.2	-21.8	Peak	Vertical
*	8658.5	31.2	13.6	44.8	68.2	-23.4	Peak	Vertical
	9406.5	30.2	14.5	44.7	74.0	-29.3	Peak	Vertical
	11523.0	32.1	19.4	51.5	74.0	-22.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	44
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7885.0	30.7	12.4	43.1	68.2	-25.1	Peak	Horizontal
*	8675.5	34.3	13.7	48.0	68.2	-20.2	Peak	Horizontal
	9423.5	30.1	14.5	44.6	74.0	-29.4	Peak	Horizontal
	11191.5	31.1	18.7	49.8	74.0	-24.2	Peak	Horizontal
*	7885.0	30.6	12.4	43.0	68.2	-25.2	Peak	Vertical
*	8607.5	32.8	13.5	46.3	68.2	-21.9	Peak	Vertical
	9347.0	30.3	14.5	44.8	74.0	-29.2	Peak	Vertical
	11608.0	31.5	19.4	50.9	74.0	-23.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	48
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7842.5	31.5	12.4	43.9	68.2	-24.3	Peak	Horizontal
*	8658.5	31.9	13.6	45.5	68.2	-22.7	Peak	Horizontal
	9372.5	32.7	14.5	47.2	74.0	-26.8	Peak	Horizontal
	11497.5	31.1	19.3	50.4	74.0	-23.6	Peak	Horizontal
*	7783.0	32.2	12.4	44.6	68.2	-23.6	Peak	Vertical
*	8607.5	32.6	13.5	46.1	68.2	-22.1	Peak	Vertical
	9381.0	30.6	14.5	45.1	74.0	-28.9	Peak	Vertical
	11591.0	31.5	19.5	51.0	74.0	-23.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	52
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7817.0	33.6	12.4	46.0	68.2	-22.2	Peak	Horizontal
*	8879.5	31.8	14.0	45.8	68.2	-22.4	Peak	Horizontal
	9423.5	30.4	14.5	44.9	74.0	-29.1	Peak	Horizontal
	11480.5	32.2	19.3	51.5	74.0	-22.5	Peak	Horizontal
*	7868.0	32.8	12.4	45.2	68.2	-23.0	Peak	Vertical
*	8811.5	32.0	14.0	46.0	68.2	-22.2	Peak	Vertical
	9423.5	31.0	14.5	45.5	74.0	-28.5	Peak	Vertical
	11591.0	32.0	19.5	51.5	74.0	-22.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	60
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7808.5	33.9	12.4	46.3	68.2	-21.9	Peak	Horizontal
*	8735.0	30.6	13.9	44.5	68.2	-23.7	Peak	Horizontal
	9466.0	31.2	14.4	45.6	74.0	-28.4	Peak	Horizontal
	11582.5	32.3	19.5	51.8	74.0	-22.2	Peak	Horizontal
*	7885.0	32.8	12.4	45.2	68.2	-23.0	Peak	Vertical
*	8837.0	31.8	14.0	45.8	68.2	-22.4	Peak	Vertical
	9423.5	30.0	14.5	44.5	74.0	-29.5	Peak	Vertical
	11591.0	31.3	19.5	50.8	74.0	-23.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	64
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7876.5	32.6	12.4	45.0	68.2	-23.2	Peak	Horizontal
*	8709.5	32.1	13.8	45.9	68.2	-22.3	Peak	Horizontal
	9389.5	30.5	14.5	45.0	74.0	-29.0	Peak	Horizontal
	11429.5	31.5	19.2	50.7	74.0	-23.3	Peak	Horizontal
*	7842.5	33.3	12.4	45.7	68.2	-22.5	Peak	Vertical
*	8879.5	32.1	14.0	46.1	68.2	-22.1	Peak	Vertical
	9449.0	30.8	14.4	45.2	74.0	-28.8	Peak	Vertical
	11174.5	31.6	18.7	50.3	74.0	-23.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	100
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7808.5	31.2	12.4	43.6	68.2	-24.6	Peak	Horizontal
*	8735.0	31.3	13.9	45.2	68.2	-23.0	Peak	Horizontal
	9449.0	32.3	14.4	46.7	74.0	-27.3	Peak	Horizontal
	11174.5	30.9	18.7	49.6	74.0	-24.4	Peak	Horizontal
*	7910.5	32.5	12.4	44.9	68.2	-23.3	Peak	Vertical
*	8777.5	29.6	13.9	43.5	68.2	-24.7	Peak	Vertical
	9406.5	30.0	14.5	44.5	74.0	-29.5	Peak	Vertical
	11174.5	31.9	18.7	50.6	74.0	-23.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	120
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7859.5	31.0	12.4	43.4	68.2	-24.8	Peak	Horizontal
*	8692.5	31.0	13.7	44.7	68.2	-23.5	Peak	Horizontal
	9338.5	31.7	14.6	46.3	74.0	-27.7	Peak	Horizontal
	11506.0	32.1	19.4	51.5	74.0	-22.5	Peak	Horizontal
*	7774.5	31.9	12.4	44.3	68.2	-23.9	Peak	Vertical
*	8675.5	31.8	13.7	45.5	68.2	-22.7	Peak	Vertical
	9381.0	30.4	14.5	44.9	74.0	-29.1	Peak	Vertical
	11608.0	31.6	19.4	51.0	74.0	-23.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	140
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7800.0	32.8	12.4	45.2	68.2	-23.0	Peak	Horizontal
*	8811.5	31.2	14.0	45.2	68.2	-23.0	Peak	Horizontal
	9423.5	31.5	14.5	46.0	74.0	-28.0	Peak	Horizontal
	11565.5	31.6	19.5	51.1	74.0	-22.9	Peak	Horizontal
*	7817.0	31.2	12.4	43.6	68.2	-24.6	Peak	Vertical
*	8811.5	31.9	14.0	45.9	68.2	-22.3	Peak	Vertical
	9304.5	29.9	14.7	44.6	74.0	-29.4	Peak	Vertical
	11616.5	31.9	19.4	51.3	74.0	-22.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	144
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7825.5	32.5	12.4	44.9	68.2	-23.3	Peak	Horizontal
*	8794.5	30.0	13.9	43.9	68.2	-24.3	Peak	Horizontal
	9423.5	30.4	14.5	44.9	74.0	-29.1	Peak	Horizontal
	11548.5	31.5	19.4	50.9	74.0	-23.1	Peak	Horizontal
*	7808.5	32.5	12.4	44.9	68.2	-23.3	Peak	Vertical
*	8888.0	30.6	14.0	44.6	68.2	-23.6	Peak	Vertical
	9474.5	30.1	14.4	44.5	74.0	-29.5	Peak	Vertical
	11497.5	31.1	19.3	50.4	74.0	-23.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	149
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7885.0	30.9	12.4	43.3	68.2	-24.9	Peak	Horizontal
*	8871.0	31.9	14.0	45.9	68.2	-22.3	Peak	Horizontal
	9338.5	31.3	14.6	45.9	74.0	-28.1	Peak	Horizontal
	11480.5	31.3	19.3	50.6	74.0	-23.4	Peak	Horizontal
*	7842.5	32.6	12.4	45.0	68.2	-23.2	Peak	Vertical
*	8871.0	29.9	14.0	43.9	68.2	-24.3	Peak	Vertical
	9466.0	30.2	14.4	44.6	74.0	-29.4	Peak	Vertical
	11472.0	31.7	19.3	51.0	74.0	-23.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	157
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7834.0	33.2	12.4	45.6	68.2	-22.6	Peak	Horizontal
*	8658.5	32.1	13.6	45.7	68.2	-22.5	Peak	Horizontal
	9474.5	30.7	14.4	45.1	74.0	-28.9	Peak	Horizontal
	11480.5	29.8	19.3	49.1	74.0	-24.9	Peak	Horizontal
*	7842.5	31.5	12.4	43.9	68.2	-24.3	Peak	Vertical
*	8837.0	31.8	14.0	45.8	68.2	-22.4	Peak	Vertical
	9381.0	30.6	14.5	45.1	74.0	-28.9	Peak	Vertical
	10970.5	31.9	18.4	50.3	74.0	-23.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	165
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7842.5	31.4	12.4	43.8	68.2	-24.4	Peak	Horizontal
*	8675.5	32.4	13.7	46.1	68.2	-22.1	Peak	Horizontal
	9423.5	30.9	14.5	45.4	74.0	-28.6	Peak	Horizontal
	11106.5	31.4	18.6	50.0	74.0	-24.0	Peak	Horizontal
*	7868.0	32.1	12.4	44.5	68.2	-23.7	Peak	Vertical
*	8735.0	30.5	13.9	44.4	68.2	-23.8	Peak	Vertical
	9338.5	31.0	14.6	45.6	74.0	-28.4	Peak	Vertical
	11591.0	30.7	19.5	50.2	74.0	-23.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	36
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7774.5	33.5	12.4	45.9	68.2	-22.3	Peak	Horizontal
*	8692.5	31.1	13.7	44.8	68.2	-23.4	Peak	Horizontal
	9338.5	31.8	14.6	46.4	74.0	-27.6	Peak	Horizontal
	11463.5	32.2	19.3	51.5	74.0	-22.5	Peak	Horizontal
*	7783.0	31.9	12.4	44.3	68.2	-23.9	Peak	Vertical
*	8582.0	32.0	13.4	45.4	68.2	-22.8	Peak	Vertical
	9321.5	32.0	14.6	46.6	74.0	-27.4	Peak	Vertical
	11038.5	31.4	18.5	49.9	74.0	-24.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	44
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7825.5	31.4	12.4	43.8	68.2	-24.4	Peak	Horizontal
*	8692.5	31.6	13.7	45.3	68.2	-22.9	Peak	Horizontal
	9423.5	31.3	14.5	45.8	74.0	-28.2	Peak	Horizontal
	11582.5	31.5	19.5	51.0	74.0	-23.0	Peak	Horizontal
*	7851.0	32.9	12.4	45.3	68.2	-22.9	Peak	Vertical
*	8675.5	32.7	13.7	46.4	68.2	-21.8	Peak	Vertical
	9381.0	30.8	14.5	45.3	74.0	-28.7	Peak	Vertical
	11557.0	31.0	19.5	50.5	74.0	-23.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	48
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7808.5	31.7	12.4	44.1	68.2	-24.1	Peak	Horizontal
*	8658.5	33.3	13.6	46.9	68.2	-21.3	Peak	Horizontal
	9398.0	33.2	14.5	47.7	74.0	-26.3	Peak	Horizontal
	11259.5	31.4	18.8	50.2	74.0	-23.8	Peak	Horizontal
*	7919.0	33.3	12.4	45.7	68.2	-22.5	Peak	Vertical
*	8624.5	32.5	13.5	46.0	68.2	-22.2	Peak	Vertical
	9398.0	30.5	14.5	45.0	74.0	-29.0	Peak	Vertical
	11523.0	30.8	19.4	50.2	74.0	-23.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	52
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7851.0	33.4	12.4	45.8	68.2	-22.4	Peak	Horizontal
*	8735.0	30.4	13.9	44.3	68.2	-23.9	Peak	Horizontal
	9338.5	31.8	14.6	46.4	74.0	-27.6	Peak	Horizontal
	11599.5	31.6	19.4	51.0	74.0	-23.0	Peak	Horizontal
*	7876.5	32.1	12.4	44.5	68.2	-23.7	Peak	Vertical
*	8769.0	30.4	13.9	44.3	68.2	-23.9	Peak	Vertical
	9398.0	31.5	14.5	46.0	74.0	-28.0	Peak	Vertical
	11625.0	31.0	19.4	50.4	74.0	-23.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	60
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7919.0	32.4	12.4	44.8	68.2	-23.4	Peak	Horizontal
*	8624.5	32.8	13.5	46.3	68.2	-21.9	Peak	Horizontal
	9466.0	32.3	14.4	46.7	74.0	-27.3	Peak	Horizontal
	11591.0	32.6	19.5	52.1	74.0	-21.9	Peak	Horizontal
*	7774.5	32.3	12.4	44.7	68.2	-23.5	Peak	Vertical
*	8735.0	31.8	13.9	45.7	68.2	-22.5	Peak	Vertical
	9338.5	30.9	14.6	45.5	74.0	-28.5	Peak	Vertical
	11489.0	31.5	19.3	50.8	74.0	-23.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	64
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7808.5	31.6	12.4	44.0	68.2	-24.2	Peak	Horizontal
*	8582.0	32.0	13.4	45.4	68.2	-22.8	Peak	Horizontal
	9381.0	30.9	14.5	45.4	74.0	-28.6	Peak	Horizontal
	11523.0	31.2	19.4	50.6	74.0	-23.4	Peak	Horizontal
*	7876.5	32.3	12.4	44.7	68.2	-23.5	Peak	Vertical
*	8820.0	30.4	14.0	44.4	68.2	-23.8	Peak	Vertical
	9398.0	31.6	14.5	46.1	74.0	-27.9	Peak	Vertical
	11480.5	32.3	19.3	51.6	74.0	-22.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	100
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7902.0	31.8	12.4	44.2	68.2	-24.0	Peak	Horizontal
*	8616.0	32.7	13.5	46.2	68.2	-22.0	Peak	Horizontal
	9338.5	30.5	14.6	45.1	74.0	-28.9	Peak	Horizontal
	11497.5	31.7	19.3	51.0	74.0	-23.0	Peak	Horizontal
*	7910.5	31.3	12.4	43.7	68.2	-24.5	Peak	Vertical
*	8803.0	30.0	14.0	44.0	68.2	-24.2	Peak	Vertical
	9466.0	30.8	14.4	45.2	74.0	-28.8	Peak	Vertical
	11591.0	31.0	19.5	50.5	74.0	-23.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	120
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7834.0	32.6	12.4	45.0	68.2	-23.2	Peak	Horizontal
*	8769.0	30.6	13.9	44.5	68.2	-23.7	Peak	Horizontal
	9381.0	30.6	14.5	45.1	74.0	-28.9	Peak	Horizontal
	11523.0	31.7	19.4	51.1	74.0	-22.9	Peak	Horizontal
*	7876.5	31.9	12.4	44.3	68.2	-23.9	Peak	Vertical
*	8777.5	29.2	13.9	43.1	68.2	-25.1	Peak	Vertical
	9381.0	29.5	14.5	44.0	74.0	-30.0	Peak	Vertical
	11489.0	30.8	19.3	50.1	74.0	-23.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	140
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7876.5	31.0	12.4	43.4	68.2	-24.8	Peak	Horizontal
*	8743.5	31.7	13.9	45.6	68.2	-22.6	Peak	Horizontal
	9423.5	32.2	14.5	46.7	74.0	-27.3	Peak	Horizontal
	11115.0	32.3	18.6	50.9	74.0	-23.1	Peak	Horizontal
*	7876.5	30.9	12.4	43.3	68.2	-24.9	Peak	Vertical
*	8871.0	31.4	14.0	45.4	68.2	-22.8	Peak	Vertical
	9381.0	30.9	14.5	45.4	74.0	-28.6	Peak	Vertical
	11565.5	31.5	19.5	51.0	74.0	-23.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	144
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7893.5	30.8	12.4	43.2	68.2	-25.0	Peak	Horizontal
*	8794.5	30.1	13.9	44.0	68.2	-24.2	Peak	Horizontal
	9415.0	30.6	14.5	45.1	74.0	-28.9	Peak	Horizontal
	10911.0	32.4	18.4	50.8	74.0	-23.2	Peak	Horizontal
*	7859.5	31.8	12.4	44.2	68.2	-24.0	Peak	Vertical
*	8794.5	30.3	13.9	44.2	68.2	-24.0	Peak	Vertical
	9474.5	30.0	14.4	44.4	74.0	-29.6	Peak	Vertical
	10919.5	31.4	18.4	49.8	74.0	-24.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	149
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7842.5	32.0	12.4	44.4	68.2	-23.8	Peak	Horizontal
*	8616.0	32.1	13.5	45.6	68.2	-22.6	Peak	Horizontal
	9338.5	31.9	14.6	46.5	74.0	-27.5	Peak	Horizontal
	11463.5	31.2	19.3	50.5	74.0	-23.5	Peak	Horizontal
*	7910.5	30.7	12.4	43.1	68.2	-25.1	Peak	Vertical
*	8777.5	30.5	13.9	44.4	68.2	-23.8	Peak	Vertical
	9381.0	30.5	14.5	45.0	74.0	-29.0	Peak	Vertical
	11642.0	31.1	19.4	50.5	74.0	-23.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	157
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7808.5	31.7	12.4	44.1	68.2	-24.1	Peak	Horizontal
*	8794.5	31.3	13.9	45.2	68.2	-23.0	Peak	Horizontal
	9338.5	32.3	14.6	46.9	74.0	-27.1	Peak	Horizontal
	11030.0	30.4	18.5	48.9	74.0	-25.1	Peak	Horizontal
*	7808.5	31.2	12.4	43.6	68.2	-24.6	Peak	Vertical
*	8811.5	30.2	14.0	44.2	68.2	-24.0	Peak	Vertical
	9355.5	30.7	14.5	45.2	74.0	-28.8	Peak	Vertical
	11667.5	32.1	19.3	51.4	74.0	-22.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	165
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7859.5	33.0	12.4	45.4	68.2	-22.8	Peak	Horizontal
*	8692.5	31.9	13.7	45.6	68.2	-22.6	Peak	Horizontal
	9330.0	31.0	14.6	45.6	74.0	-28.4	Peak	Horizontal
	11497.5	31.7	19.3	51.0	74.0	-23.0	Peak	Horizontal
*	7910.5	31.3	12.4	43.7	68.2	-24.5	Peak	Vertical
*	8777.5	30.1	13.9	44.0	68.2	-24.2	Peak	Vertical
	9432.0	30.5	14.4	44.9	74.0	-29.1	Peak	Vertical
	11616.5	31.0	19.4	50.4	74.0	-23.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11n-HT40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	38
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7919.0	33.4	12.4	45.8	68.2	-22.4	Peak	Horizontal
*	8675.5	32.4	13.7	46.1	68.2	-22.1	Peak	Horizontal
	9364.0	30.9	14.5	45.4	74.0	-28.6	Peak	Horizontal
	11599.5	32.1	19.4	51.5	74.0	-22.5	Peak	Horizontal
*	7808.5	31.5	12.4	43.9	68.2	-24.3	Peak	Vertical
*	8845.5	30.0	14.0	44.0	68.2	-24.2	Peak	Vertical
	9381.0	30.9	14.5	45.4	74.0	-28.6	Peak	Vertical
	11693.0	29.3	19.2	48.5	74.0	-25.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11n-HT40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	46
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7876.5	31.6	12.4	44.0	68.2	-24.2	Peak	Horizontal
*	8854.0	31.7	14.0	45.7	68.2	-22.5	Peak	Horizontal
	9432.0	30.6	14.4	45.0	74.0	-29.0	Peak	Horizontal
	11455.0	31.7	19.2	50.9	74.0	-23.1	Peak	Horizontal
*	7817.0	33.4	12.4	45.8	68.2	-22.4	Peak	Vertical
*	8862.5	30.4	14.0	44.4	68.2	-23.8	Peak	Vertical
	9347.0	32.7	14.5	47.2	74.0	-26.8	Peak	Vertical
	11497.5	31.4	19.3	50.7	74.0	-23.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11n-HT40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	54
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7961.5	33.1	12.5	45.6	68.2	-22.6	Peak	Horizontal
*	8879.5	31.5	14.0	45.5	68.2	-22.7	Peak	Horizontal
	9355.5	30.9	14.5	45.4	74.0	-28.6	Peak	Horizontal
	11676.0	31.7	19.2	50.9	74.0	-23.1	Peak	Horizontal
*	7885.0	31.5	12.4	43.9	68.2	-24.3	Peak	Vertical
*	8947.5	32.6	14.0	46.6	68.2	-21.6	Peak	Vertical
	9466.0	31.4	14.4	45.8	74.0	-28.2	Peak	Vertical
	11506.0	31.6	19.4	51.0	74.0	-23.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11n-HT40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	62
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7817.0	33.3	12.4	45.7	68.2	-22.5	Peak	Horizontal
*	8735.0	31.5	13.9	45.4	68.2	-22.8	Peak	Horizontal
	9304.5	30.4	14.7	45.1	74.0	-28.9	Peak	Horizontal
	11506.0	31.8	19.4	51.2	74.0	-22.8	Peak	Horizontal
*	7808.5	31.1	12.4	43.5	68.2	-24.7	Peak	Vertical
*	8973.0	31.2	14.1	45.3	68.2	-22.9	Peak	Vertical
	9466.0	32.5	14.4	46.9	74.0	-27.1	Peak	Vertical
	11480.5	31.1	19.3	50.4	74.0	-23.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11n-HT40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	102
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7808.5	32.6	12.4	45.0	68.2	-23.2	Peak	Horizontal
*	8735.0	32.4	13.9	46.3	68.2	-21.9	Peak	Horizontal
	9423.5	31.6	14.5	46.1	74.0	-27.9	Peak	Horizontal
	11412.5	32.1	19.1	51.2	74.0	-22.8	Peak	Horizontal
*	7893.5	32.7	12.4	45.1	68.2	-23.1	Peak	Vertical
*	8633.0	31.7	13.5	45.2	68.2	-23.0	Peak	Vertical
	9466.0	30.4	14.4	44.8	74.0	-29.2	Peak	Vertical
	11463.5	31.3	19.3	50.6	74.0	-23.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11n-HT40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	118
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7808.5	31.6	12.4	44.0	68.2	-24.2	Peak	Horizontal
*	8769.0	30.4	13.9	44.3	68.2	-23.9	Peak	Horizontal
	9474.5	31.7	14.4	46.1	74.0	-27.9	Peak	Horizontal
	11633.5	31.4	19.4	50.8	74.0	-23.2	Peak	Horizontal
*	7808.5	32.5	12.4	44.9	68.2	-23.3	Peak	Vertical
*	8811.5	30.6	14.0	44.6	68.2	-23.6	Peak	Vertical
	9423.5	30.7	14.5	45.2	74.0	-28.8	Peak	Vertical
	11523.0	31.4	19.4	50.8	74.0	-23.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11n-HT40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	134
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7783.0	33.4	12.4	45.8	68.2	-22.4	Peak	Horizontal
*	8692.5	31.9	13.7	45.6	68.2	-22.6	Peak	Horizontal
	9330.0	31.0	14.6	45.6	74.0	-28.4	Peak	Horizontal
	11506.0	31.8	19.4	51.2	74.0	-22.8	Peak	Horizontal
*	7885.0	31.3	12.4	43.7	68.2	-24.5	Peak	Vertical
*	8820.0	30.6	14.0	44.6	68.2	-23.6	Peak	Vertical
	9440.5	31.1	14.4	45.5	74.0	-28.5	Peak	Vertical
	11531.5	30.3	19.4	49.7	74.0	-24.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11n-HT40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	142
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7885.0	31.3	12.4	43.7	68.2	-24.5	Peak	Horizontal
*	8735.0	30.0	13.9	43.9	68.2	-24.3	Peak	Horizontal
	9474.5	30.7	14.4	45.1	74.0	-28.9	Peak	Horizontal
	11480.5	30.9	19.3	50.2	74.0	-23.8	Peak	Horizontal
*	7910.5	31.3	12.4	43.7	68.2	-24.5	Peak	Vertical
*	8913.5	32.6	14.0	46.6	68.2	-21.6	Peak	Vertical
	9389.5	30.6	14.5	45.1	74.0	-28.9	Peak	Vertical
	11582.5	31.9	19.5	51.4	74.0	-22.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11n-HT40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	151
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7893.5	33.6	12.4	46.0	68.2	-22.2	Peak	Horizontal
*	8760.5	30.2	13.9	44.1	68.2	-24.1	Peak	Horizontal
	9338.5	31.7	14.6	46.3	74.0	-27.7	Peak	Horizontal
	11625.0	32.5	19.4	51.9	74.0	-22.1	Peak	Horizontal
*	7774.5	33.2	12.4	45.6	68.2	-22.6	Peak	Vertical
*	8794.5	30.3	13.9	44.2	68.2	-24.0	Peak	Vertical
	9466.0	30.4	14.4	44.8	74.0	-29.2	Peak	Vertical
	11599.5	30.7	19.4	50.1	74.0	-23.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11n-HT40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	159
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7808.5	33.6	12.4	46.0	68.2	-22.2	Peak	Horizontal
*	8879.5	32.9	14.0	46.9	68.2	-21.3	Peak	Horizontal
	9338.5	31.1	14.6	45.7	74.0	-28.3	Peak	Horizontal
	11489.0	31.7	19.3	51.0	74.0	-23.0	Peak	Horizontal
*	7893.5	31.3	12.4	43.7	68.2	-24.5	Peak	Vertical
*	8811.5	30.4	14.0	44.4	68.2	-23.8	Peak	Vertical
	9423.5	31.7	14.5	46.2	74.0	-27.8	Peak	Vertical
	11565.5	31.3	19.5	50.8	74.0	-23.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	36
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7774.5	32.1	12.4	44.5	68.2	-23.7	Peak	Horizontal
*	8641.5	33.4	13.5	46.9	68.2	-21.3	Peak	Horizontal
	9381.0	32.3	14.5	46.8	74.0	-27.2	Peak	Horizontal
	11455.0	32.0	19.2	51.2	74.0	-22.8	Peak	Horizontal
*	7817.0	33.6	12.4	46.0	68.2	-22.2	Peak	Vertical
*	8956.0	32.4	14.0	46.4	68.2	-21.8	Peak	Vertical
	9449.0	31.8	14.4	46.2	74.0	-27.8	Peak	Vertical
	11591.0	32.0	19.5	51.5	74.0	-22.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	44
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7842.5	33.3	12.4	45.7	68.2	-22.5	Peak	Horizontal
*	8854.0	30.2	14.0	44.2	68.2	-24.0	Peak	Horizontal
	9398.0	31.5	14.5	46.0	74.0	-28.0	Peak	Horizontal
	11089.5	32.6	18.6	51.2	74.0	-22.8	Peak	Horizontal
*	7876.5	31.0	12.4	43.4	68.2	-24.8	Peak	Vertical
*	8769.0	30.6	13.9	44.5	68.2	-23.7	Peak	Vertical
	9304.5	30.5	14.7	45.2	74.0	-28.8	Peak	Vertical
	11633.5	32.3	19.4	51.7	74.0	-22.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	48
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7859.5	32.2	12.4	44.6	68.2	-23.6	Peak	Horizontal
*	8743.5	30.5	13.9	44.4	68.2	-23.8	Peak	Horizontal
	9355.5	30.3	14.5	44.8	74.0	-29.2	Peak	Horizontal
	11531.5	31.5	19.4	50.9	74.0	-23.1	Peak	Horizontal
*	7800.0	33.0	12.4	45.4	68.2	-22.8	Peak	Vertical
*	8811.5	30.5	14.0	44.5	68.2	-23.7	Peak	Vertical
	9474.5	31.9	14.4	46.3	74.0	-27.7	Peak	Vertical
	11599.5	31.2	19.4	50.6	74.0	-23.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	60
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7842.5	32.9	12.4	45.3	68.2	-22.9	Peak	Horizontal
*	8692.5	33.0	13.7	46.7	68.2	-21.5	Peak	Horizontal
	9338.5	31.3	14.6	45.9	74.0	-28.1	Peak	Horizontal
	11514.5	31.4	19.4	50.8	74.0	-23.2	Peak	Horizontal
*	7808.5	31.6	12.4	44.0	68.2	-24.2	Peak	Vertical
*	8854.0	30.0	14.0	44.0	68.2	-24.2	Peak	Vertical
	9432.0	30.4	14.4	44.8	74.0	-29.2	Peak	Vertical
	11599.5	30.7	19.4	50.1	74.0	-23.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	64
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7842.5	31.5	12.4	43.9	68.2	-24.3	Peak	Horizontal
*	8624.5	32.1	13.5	45.6	68.2	-22.6	Peak	Horizontal
	9406.5	31.5	14.5	46.0	74.0	-28.0	Peak	Horizontal
	11446.5	31.8	19.2	51.0	74.0	-23.0	Peak	Horizontal
*	7851.0	32.8	12.4	45.2	68.2	-23.0	Peak	Vertical
*	8769.0	29.6	13.9	43.5	68.2	-24.7	Peak	Vertical
	9491.5	31.5	14.4	45.9	74.0	-28.1	Peak	Vertical
	11523.0	31.7	19.4	51.1	74.0	-22.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	100
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7825.5	31.8	12.4	44.2	68.2	-24.0	Peak	Horizontal
*	8641.5	33.0	13.5	46.5	68.2	-21.7	Peak	Horizontal
	9406.5	30.7	14.5	45.2	74.0	-28.8	Peak	Horizontal
	11506.0	31.9	19.4	51.3	74.0	-22.7	Peak	Horizontal
*	7851.0	32.7	12.4	45.1	68.2	-23.1	Peak	Vertical
*	8811.5	32.5	14.0	46.5	68.2	-21.7	Peak	Vertical
	9466.0	30.3	14.4	44.7	74.0	-29.3	Peak	Vertical
	11480.5	31.2	19.3	50.5	74.0	-23.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	120
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7876.5	31.3	12.4	43.7	68.2	-24.5	Peak	Horizontal
*	8862.5	31.6	14.0	45.6	68.2	-22.6	Peak	Horizontal
	9432.0	31.5	14.4	45.9	74.0	-28.1	Peak	Horizontal
	11506.0	31.8	19.4	51.2	74.0	-22.8	Peak	Horizontal
*	7783.0	32.7	12.4	45.1	68.2	-23.1	Peak	Vertical
*	8786.0	30.3	13.9	44.2	68.2	-24.0	Peak	Vertical
	9474.5	32.5	14.4	46.9	74.0	-27.1	Peak	Vertical
	11480.5	31.2	19.3	50.5	74.0	-23.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	140
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7791.5	31.5	12.4	43.9	68.2	-24.3	Peak	Horizontal
*	8692.5	30.7	13.7	44.4	68.2	-23.8	Peak	Horizontal
	9440.5	30.7	14.4	45.1	74.0	-28.9	Peak	Horizontal
	11599.5	31.8	19.4	51.2	74.0	-22.8	Peak	Horizontal
*	7783.0	32.5	12.4	44.9	68.2	-23.3	Peak	Vertical
*	8879.5	31.7	14.0	45.7	68.2	-22.5	Peak	Vertical
	9449.0	32.0	14.4	46.4	74.0	-27.6	Peak	Vertical
	11480.5	32.1	19.3	51.4	74.0	-22.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	144
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7825.5	33.3	12.4	45.7	68.2	-22.5	Peak	Horizontal
*	8811.5	30.4	14.0	44.4	68.2	-23.8	Peak	Horizontal
	9372.5	32.9	14.5	47.4	74.0	-26.6	Peak	Horizontal
	11633.5	31.8	19.4	51.2	74.0	-22.8	Peak	Horizontal
*	7791.5	33.5	12.4	45.9	68.2	-22.3	Peak	Vertical
*	8820.0	30.1	14.0	44.1	68.2	-24.1	Peak	Vertical
	9423.5	30.0	14.5	44.5	74.0	-29.5	Peak	Vertical
	11463.5	31.1	19.3	50.4	74.0	-23.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	149
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7791.5	33.5	12.4	45.9	68.2	-22.3	Peak	Horizontal
*	8735.0	29.9	13.9	43.8	68.2	-24.4	Peak	Horizontal
	9449.0	30.2	14.4	44.6	74.0	-29.4	Peak	Horizontal
	11548.5	31.1	19.4	50.5	74.0	-23.5	Peak	Horizontal
*	7927.5	32.7	12.4	45.1	68.2	-23.1	Peak	Vertical
*	8675.5	32.4	13.7	46.1	68.2	-22.1	Peak	Vertical
	9398.0	30.3	14.5	44.8	74.0	-29.2	Peak	Vertical
	11463.5	31.4	19.3	50.7	74.0	-23.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	157
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7783.0	32.2	12.4	44.6	68.2	-23.6	Peak	Horizontal
*	8633.0	32.4	13.5	45.9	68.2	-22.3	Peak	Horizontal
	9432.0	30.7	14.4	45.1	74.0	-28.9	Peak	Horizontal
	11506.0	32.2	19.4	51.6	74.0	-22.4	Peak	Horizontal
*	7783.0	32.7	12.4	45.1	68.2	-23.1	Peak	Vertical
*	8786.0	32.0	13.9	45.9	68.2	-22.3	Peak	Vertical
	9432.0	31.0	14.4	45.4	74.0	-28.6	Peak	Vertical
	11565.5	30.8	19.5	50.3	74.0	-23.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	165
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7825.5	32.1	12.4	44.5	68.2	-23.7	Peak	Horizontal
*	8726.5	29.9	13.8	43.7	68.2	-24.5	Peak	Horizontal
	9381.0	30.6	14.5	45.1	74.0	-28.9	Peak	Horizontal
	11557.0	31.6	19.5	51.1	74.0	-22.9	Peak	Horizontal
*	7842.5	31.9	12.4	44.3	68.2	-23.9	Peak	Vertical
*	8922.0	32.3	14.0	46.3	68.2	-21.9	Peak	Vertical
	9440.5	31.4	14.4	45.8	74.0	-28.2	Peak	Vertical
	11659.0	31.2	19.3	50.5	74.0	-23.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	38
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7842.5	31.9	12.4	44.3	68.2	-23.9	Peak	Horizontal
*	8633.0	31.2	13.5	44.7	68.2	-23.5	Peak	Horizontal
	9406.5	30.1	14.5	44.6	74.0	-29.4	Peak	Horizontal
	11523.0	32.3	19.4	51.7	74.0	-22.3	Peak	Horizontal
*	7800.0	31.4	12.4	43.8	68.2	-24.4	Peak	Vertical
*	8769.0	30.3	13.9	44.2	68.2	-24.0	Peak	Vertical
	9432.0	32.2	14.4	46.6	74.0	-27.4	Peak	Vertical
	11540.0	31.1	19.4	50.5	74.0	-23.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	46
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7800.0	31.4	12.4	43.8	68.2	-24.4	Peak	Horizontal
*	8709.5	30.1	13.8	43.9	68.2	-24.3	Peak	Horizontal
	9423.5	30.8	14.5	45.3	74.0	-28.7	Peak	Horizontal
	11625.0	32.0	19.4	51.4	74.0	-22.6	Peak	Horizontal
*	7842.5	31.5	12.4	43.9	68.2	-24.3	Peak	Vertical
*	8845.5	31.3	14.0	45.3	68.2	-22.9	Peak	Vertical
	9398.0	29.9	14.5	44.4	74.0	-29.6	Peak	Vertical
	11582.5	31.0	19.5	50.5	74.0	-23.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	54
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7817.0	33.0	12.4	45.4	68.2	-22.8	Peak	Horizontal
*	8658.5	31.5	13.6	45.1	68.2	-23.1	Peak	Horizontal
	9423.5	31.0	14.5	45.5	74.0	-28.5	Peak	Horizontal
	11557.0	32.0	19.5	51.5	74.0	-22.5	Peak	Horizontal
*	7944.5	33.2	12.5	45.7	68.2	-22.5	Peak	Vertical
*	8879.5	30.9	14.0	44.9	68.2	-23.3	Peak	Vertical
	9449.0	31.8	14.4	46.2	74.0	-27.8	Peak	Vertical
	11591.0	31.0	19.5	50.5	74.0	-23.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	62
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7868.0	31.1	12.4	43.5	68.2	-24.7	Peak	Horizontal
*	8718.0	30.3	13.8	44.1	68.2	-24.1	Peak	Horizontal
	9313.0	30.5	14.7	45.2	74.0	-28.8	Peak	Horizontal
	11480.5	31.9	19.3	51.2	74.0	-22.8	Peak	Horizontal
*	7842.5	31.2	12.4	43.6	68.2	-24.6	Peak	Vertical
*	8769.0	29.7	13.9	43.6	68.2	-24.6	Peak	Vertical
	9449.0	30.2	14.4	44.6	74.0	-29.4	Peak	Vertical
	11616.5	30.8	19.4	50.2	74.0	-23.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	102
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7834.0	33.7	12.4	46.1	68.2	-22.1	Peak	Horizontal
*	8658.5	31.0	13.6	44.6	68.2	-23.6	Peak	Horizontal
	9398.0	30.9	14.5	45.4	74.0	-28.6	Peak	Horizontal
	11455.0	32.3	19.2	51.5	74.0	-22.5	Peak	Horizontal
*	7876.5	32.7	12.4	45.1	68.2	-23.1	Peak	Vertical
*	8896.5	32.0	14.0	46.0	68.2	-22.2	Peak	Vertical
	9381.0	32.3	14.5	46.8	74.0	-27.2	Peak	Vertical
	11455.0	31.5	19.2	50.7	74.0	-23.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	118
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7868.0	31.8	12.4	44.2	68.2	-24.0	Peak	Horizontal
*	8777.5	31.1	13.9	45.0	68.2	-23.2	Peak	Horizontal
	9466.0	30.6	14.4	45.0	74.0	-29.0	Peak	Horizontal
	11642.0	31.6	19.4	51.0	74.0	-23.0	Peak	Horizontal
*	7825.5	32.9	12.4	45.3	68.2	-22.9	Peak	Vertical
*	8879.5	32.3	14.0	46.3	68.2	-21.9	Peak	Vertical
	9466.0	30.4	14.4	44.8	74.0	-29.2	Peak	Vertical
	11667.5	31.2	19.3	50.5	74.0	-23.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	134
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7834.0	34.0	12.4	46.4	68.2	-21.8	Peak	Horizontal
*	8650.0	33.6	13.6	47.2	68.2	-21.0	Peak	Horizontal
	9338.5	33.2	14.6	47.8	74.0	-26.2	Peak	Horizontal
	11616.5	31.7	19.4	51.1	74.0	-22.9	Peak	Horizontal
*	7953.0	33.4	12.5	45.9	68.2	-22.3	Peak	Vertical
*	8777.5	30.4	13.9	44.3	68.2	-23.9	Peak	Vertical
	9415.0	30.3	14.5	44.8	74.0	-29.2	Peak	Vertical
	11514.5	31.8	19.4	51.2	74.0	-22.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	142
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7834.0	34.0	12.4	46.4	68.2	-21.8	Peak	Horizontal
*	8862.5	32.5	14.0	46.5	68.2	-21.7	Peak	Horizontal
	9474.5	31.5	14.4	45.9	74.0	-28.1	Peak	Horizontal
	10979.0	32.3	18.5	50.8	74.0	-23.2	Peak	Horizontal
*	7774.5	33.4	12.4	45.8	68.2	-22.4	Peak	Vertical
*	8905.0	32.4	14.0	46.4	68.2	-21.8	Peak	Vertical
	9321.5	32.1	14.6	46.7	74.0	-27.3	Peak	Vertical
	11582.5	32.9	19.5	52.4	74.0	-21.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	151
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7808.5	33.2	12.4	45.6	68.2	-22.6	Peak	Horizontal
*	8743.5	30.6	13.9	44.5	68.2	-23.7	Peak	Horizontal
	9474.5	31.1	14.4	45.5	74.0	-28.5	Peak	Horizontal
	11132.0	32.1	18.6	50.7	74.0	-23.3	Peak	Horizontal
*	7842.5	31.7	12.4	44.1	68.2	-24.1	Peak	Vertical
*	8956.0	32.4	14.0	46.4	68.2	-21.8	Peak	Vertical
	9338.5	31.2	14.6	45.8	74.0	-28.2	Peak	Vertical
	11523.0	31.7	19.4	51.1	74.0	-22.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	159
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7868.0	30.9	12.4	43.3	68.2	-24.9	Peak	Horizontal
*	8684.0	32.4	13.7	46.1	68.2	-22.1	Peak	Horizontal
	9338.5	31.4	14.6	46.0	74.0	-28.0	Peak	Horizontal
	11540.0	32.0	19.4	51.4	74.0	-22.6	Peak	Horizontal
*	7902.0	33.7	12.4	46.1	68.2	-22.1	Peak	Vertical
*	8692.5	32.1	13.7	45.8	68.2	-22.4	Peak	Vertical
	9313.0	32.1	14.7	46.8	74.0	-27.2	Peak	Vertical
	11616.5	31.6	19.4	51.0	74.0	-23.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT80 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	42
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7859.5	32.3	12.4	44.7	68.2	-23.5	Peak	Horizontal
*	8803.0	31.7	14.0	45.7	68.2	-22.5	Peak	Horizontal
	9330.0	31.9	14.6	46.5	74.0	-27.5	Peak	Horizontal
	11565.5	31.5	19.5	51.0	74.0	-23.0	Peak	Horizontal
*	7893.5	31.1	12.4	43.5	68.2	-24.7	Peak	Vertical
*	8701.0	31.8	13.8	45.6	68.2	-22.6	Peak	Vertical
	9491.5	32.2	14.4	46.6	74.0	-27.4	Peak	Vertical
	11395.5	31.1	19.1	50.2	74.0	-23.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT80 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	58
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7791.5	33.1	12.4	45.5	68.2	-22.7	Peak	Horizontal
*	8650.0	33.1	13.6	46.7	68.2	-21.5	Peak	Horizontal
	9338.5	33.1	14.6	47.7	74.0	-26.3	Peak	Horizontal
	11149.0	32.2	18.7	50.9	74.0	-23.1	Peak	Horizontal
*	7893.5	31.9	12.4	44.3	68.2	-23.9	Peak	Vertical
*	8692.5	31.7	13.7	45.4	68.2	-22.8	Peak	Vertical
	9466.0	31.6	14.4	46.0	74.0	-28.0	Peak	Vertical
	11582.5	30.8	19.5	50.3	74.0	-23.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT80 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	106
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7791.5	32.8	12.4	45.2	68.2	-23.0	Peak	Horizontal
*	8658.5	31.1	13.6	44.7	68.2	-23.5	Peak	Horizontal
	9389.5	30.6	14.5	45.1	74.0	-28.9	Peak	Horizontal
	11608.0	31.3	19.4	50.7	74.0	-23.3	Peak	Horizontal
*	7876.5	31.7	12.4	44.1	68.2	-24.1	Peak	Vertical
*	8786.0	30.8	13.9	44.7	68.2	-23.5	Peak	Vertical
	9398.0	31.5	14.5	46.0	74.0	-28.0	Peak	Vertical
	11404.0	32.2	19.1	51.3	74.0	-22.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT80 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	122
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7842.5	31.9	12.4	44.3	68.2	-23.9	Peak	Horizontal
*	8769.0	30.4	13.9	44.3	68.2	-23.9	Peak	Horizontal
	9432.0	31.9	14.4	46.3	74.0	-27.7	Peak	Horizontal
	10970.5	32.5	18.4	50.9	74.0	-23.1	Peak	Horizontal
*	7851.0	33.1	12.4	45.5	68.2	-22.7	Peak	Vertical
*	8803.0	31.4	14.0	45.4	68.2	-22.8	Peak	Vertical
	9381.0	31.1	14.5	45.6	74.0	-28.4	Peak	Vertical
	11030.0	31.5	18.5	50.0	74.0	-24.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT80 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	138
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7851.0	33.1	12.4	45.5	68.2	-22.7	Peak	Horizontal
*	8616.0	31.3	13.5	44.8	68.2	-23.4	Peak	Horizontal
	9381.0	31.6	14.5	46.1	74.0	-27.9	Peak	Horizontal
	11506.0	31.5	19.4	50.9	74.0	-23.1	Peak	Horizontal
*	7825.5	32.4	12.4	44.8	68.2	-23.4	Peak	Vertical
*	8786.0	30.8	13.9	44.7	68.2	-23.5	Peak	Vertical
	9381.0	31.2	14.5	45.7	74.0	-28.3	Peak	Vertical
	11667.5	29.8	19.3	49.1	74.0	-24.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT80 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	155
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7851.0	33.9	12.4	46.3	68.2	-21.9	Peak	Horizontal
*	8803.0	29.6	14.0	43.6	68.2	-24.6	Peak	Horizontal
	9423.5	30.6	14.5	45.1	74.0	-28.9	Peak	Horizontal
	11574.0	31.9	19.5	51.4	74.0	-22.6	Peak	Horizontal
*	7808.5	32.4	12.4	44.8	68.2	-23.4	Peak	Vertical
*	8735.0	31.1	13.9	45.0	68.2	-23.2	Peak	Vertical
	9466.0	30.5	14.4	44.9	74.0	-29.1	Peak	Vertical
	11557.0	31.3	19.5	50.8	74.0	-23.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT80+80 - Ant 0 + 1 / Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	42
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7536.5	32.5	12.8	45.3	74.0	-28.7	Peak	Horizontal
	11089.5	31.3	18.6	49.9	74.0	-24.1	Peak	Horizontal
*	13027.5	31.2	19.9	51.1	68.2	-17.1	Peak	Horizontal
*	13639.5	31.1	21.8	52.9	68.2	-15.3	Peak	Horizontal
	7485.5	32.6	12.8	45.4	74.0	-28.6	Peak	Vertical
	11591.0	30.7	19.5	50.2	74.0	-23.8	Peak	Vertical
*	13027.5	31.0	19.9	50.9	68.2	-17.3	Peak	Vertical
*	13486.5	30.7	21.7	52.4	68.2	-15.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT80+80 - Ant 0 + 1 / Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	58
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7570.5	33.2	12.8	46.0	74.0	-28.0	Peak	Horizontal
	11548.5	31.9	19.4	51.3	74.0	-22.7	Peak	Horizontal
*	13027.5	31.6	19.9	51.5	68.2	-16.7	Peak	Horizontal
*	13537.5	30.3	21.8	52.1	68.2	-16.1	Peak	Horizontal
	7519.5	32.7	12.8	45.5	74.0	-28.5	Peak	Vertical
	10877.0	31.1	18.2	49.3	74.0	-24.7	Peak	Vertical
*	12993.5	31.1	19.8	50.9	68.2	-17.3	Peak	Vertical
*	13486.5	30.9	21.7	52.6	68.2	-15.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT80+80 - Ant 0 + 1 / Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	106
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7562.0	33.1	12.8	45.9	74.0	-28.1	Peak	Horizontal
	11038.5	31.5	18.5	50.0	74.0	-24.0	Peak	Horizontal
*	12985.0	31.6	19.8	51.4	68.2	-16.8	Peak	Horizontal
*	13486.5	31.3	21.7	53.0	68.2	-15.2	Peak	Horizontal
	7630.0	32.5	12.6	45.1	74.0	-28.9	Peak	Vertical
	10877.0	32.6	18.2	50.8	74.0	-23.2	Peak	Vertical
*	13197.5	31.1	20.3	51.4	68.2	-16.8	Peak	Vertical
*	13741.5	31.7	22.0	53.7	68.2	-14.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT80+80 - Ant 0 + 1 / Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	122
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7494.0	32.4	12.8	45.2	74.0	-28.8	Peak	Horizontal
	12084.0	33.1	18.9	52.0	74.0	-22.0	Peak	Horizontal
*	13189.0	30.4	20.3	50.7	68.2	-17.5	Peak	Horizontal
*	13741.5	31.0	22.0	53.0	68.2	-15.2	Peak	Horizontal
	7468.5	32.3	12.8	45.1	74.0	-28.9	Peak	Vertical
	11548.5	31.6	19.4	51.0	74.0	-23.0	Peak	Vertical
*	12900.0	31.4	19.5	50.9	68.2	-17.3	Peak	Vertical
*	13503.5	30.6	21.8	52.4	68.2	-15.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT80+80 - Ant 0 + 1 / Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	138
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7477.0	33.0	12.8	45.8	74.0	-28.2	Peak	Horizontal
	11540.0	31.3	19.4	50.7	74.0	-23.3	Peak	Horizontal
*	13155.0	32.7	20.1	52.8	68.2	-15.4	Peak	Horizontal
*	13554.5	31.0	21.9	52.9	68.2	-15.3	Peak	Horizontal
	7536.5	32.4	12.8	45.2	74.0	-28.8	Peak	Vertical
	11157.5	31.8	18.7	50.5	74.0	-23.5	Peak	Vertical
*	12883.0	31.2	19.4	50.6	68.2	-17.6	Peak	Vertical
*	13418.5	30.8	21.5	52.3	68.2	-15.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT80+80 - Ant 0 + 1 / Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	155
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7613.0	32.9	12.6	45.5	74.0	-28.5	Peak	Horizontal
	11506.0	32.2	19.4	51.6	74.0	-22.4	Peak	Horizontal
*	13002.0	31.3	19.9	51.2	68.2	-17.0	Peak	Horizontal
*	13605.5	31.3	21.8	53.1	68.2	-15.1	Peak	Horizontal
	7502.5	32.2	12.8	45.0	74.0	-29.0	Peak	Vertical
	11582.5	31.8	19.5	51.3	74.0	-22.7	Peak	Vertical
*	13189.0	32.1	20.3	52.4	68.2	-15.8	Peak	Vertical
*	13707.5	31.0	22.0	53.0	68.2	-15.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT80+80 - Ant 2 + 3 / Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	42
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7434.5	33.2	12.7	45.9	74.0	-28.1	Peak	Horizontal
	11548.5	31.6	19.4	51.0	74.0	-23.0	Peak	Horizontal
*	12959.5	31.1	19.7	50.8	68.2	-17.4	Peak	Horizontal
*	13554.5	30.3	21.9	52.2	68.2	-16.0	Peak	Horizontal
	7545.0	32.5	12.8	45.3	74.0	-28.7	Peak	Vertical
	10911.0	31.3	18.4	49.7	74.0	-24.3	Peak	Vertical
*	13112.5	31.8	20.1	51.9	68.2	-16.3	Peak	Vertical
*	13580.0	30.1	21.8	51.9	68.2	-16.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT80+80 - Ant 2 + 3 / Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	58
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7672.5	33.0	12.5	45.5	74.0	-28.5	Peak	Horizontal
	11591.0	31.5	19.5	51.0	74.0	-23.0	Peak	Horizontal
*	13027.5	31.2	19.9	51.1	68.2	-17.1	Peak	Horizontal
*	13580.0	31.2	21.8	53.0	68.2	-15.2	Peak	Horizontal
	7596.0	32.8	12.7	45.5	74.0	-28.5	Peak	Vertical
	11421.0	31.9	19.1	51.0	74.0	-23.0	Peak	Vertical
*	12857.5	31.2	19.3	50.5	68.2	-17.7	Peak	Vertical
*	13461.0	30.3	21.6	51.9	68.2	-16.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT80+80 - Ant 2 + 3 / Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	106
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7392.0	32.3	12.6	44.9	74.0	-29.1	Peak	Horizontal
	11472.0	31.3	19.3	50.6	74.0	-23.4	Peak	Horizontal
*	12985.0	30.7	19.8	50.5	68.2	-17.7	Peak	Horizontal
*	13461.0	31.8	21.6	53.4	68.2	-14.8	Peak	Horizontal
	7409.0	33.0	12.6	45.6	74.0	-28.4	Peak	Vertical
	11565.5	31.6	19.5	51.1	74.0	-22.9	Peak	Vertical
*	13121.0	31.8	20.1	51.9	68.2	-16.3	Peak	Vertical
*	13580.0	31.0	21.8	52.8	68.2	-15.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT80+80 - Ant 2 + 3 / Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	122
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7434.5	33.7	12.7	46.4	74.0	-27.6	Peak	Horizontal
	11463.5	31.2	19.3	50.5	74.0	-23.5	Peak	Horizontal
*	13087.0	31.2	20.1	51.3	68.2	-16.9	Peak	Horizontal
*	13605.5	30.6	21.8	52.4	68.2	-15.8	Peak	Horizontal
	7443.0	33.2	12.7	45.9	74.0	-28.1	Peak	Vertical
	10979.0	31.2	18.5	49.7	74.0	-24.3	Peak	Vertical
*	12976.5	31.3	19.8	51.1	68.2	-17.1	Peak	Vertical
*	13410.0	30.9	21.5	52.4	68.2	-15.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT80+80 - Ant 2 + 3 / Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	138
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7485.5	32.5	12.8	45.3	74.0	-28.7	Peak	Horizontal
	10868.5	31.5	18.2	49.7	74.0	-24.3	Peak	Horizontal
*	13146.5	31.5	20.1	51.6	68.2	-16.6	Peak	Horizontal
*	13605.5	30.9	21.8	52.7	68.2	-15.5	Peak	Horizontal
	7553.5	32.8	12.8	45.6	74.0	-28.4	Peak	Vertical
	10894.0	31.7	18.3	50.0	74.0	-24.0	Peak	Vertical
*	12832.0	31.3	19.2	50.5	68.2	-17.7	Peak	Vertical
*	13520.5	30.7	21.8	52.5	68.2	-15.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT80+80 - Ant 2 + 3 / Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	155
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7502.5	32.6	12.8	45.4	74.0	-28.6	Peak	Horizontal
	10877.0	32.1	18.2	50.3	74.0	-23.7	Peak	Horizontal
*	12925.5	31.3	19.6	50.9	68.2	-17.3	Peak	Horizontal
*	13656.5	30.5	21.8	52.3	68.2	-15.9	Peak	Horizontal
	7536.5	33.3	12.8	46.1	74.0	-27.9	Peak	Vertical
	10630.5	32.8	17.3	50.1	74.0	-23.9	Peak	Vertical
*	12857.5	31.8	19.3	51.1	68.2	-17.1	Peak	Vertical
*	13512.0	30.6	21.8	52.4	68.2	-15.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT80+80 Contiguous - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	42+58
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7817.0	32.7	12.4	45.1	68.2	-23.1	Peak	Horizontal
*	8871.0	32.9	14.0	46.9	68.2	-21.3	Peak	Horizontal
	9491.5	29.9	14.4	44.3	74.0	-29.7	Peak	Horizontal
	11523.0	31.4	19.4	50.8	74.0	-23.2	Peak	Horizontal
*	7978.5	30.3	12.5	42.8	68.2	-25.4	Peak	Vertical
*	8786.0	29.3	13.9	43.2	68.2	-25.0	Peak	Vertical
	9423.5	30.0	14.5	44.5	74.0	-29.5	Peak	Vertical
	11599.5	31.0	19.4	50.4	74.0	-23.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT80+80 Contiguous - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	106+122
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7783.0	33.1	12.4	45.5	68.2	-22.7	Peak	Horizontal
*	8769.0	29.7	13.9	43.6	68.2	-24.6	Peak	Horizontal
	9398.0	31.1	14.5	45.6	74.0	-28.4	Peak	Horizontal
	11531.5	31.4	19.4	50.8	74.0	-23.2	Peak	Horizontal
*	7783.0	32.0	12.4	44.4	68.2	-23.8	Peak	Vertical
*	8658.5	32.0	13.6	45.6	68.2	-22.6	Peak	Vertical
	9423.5	30.3	14.5	44.8	74.0	-29.2	Peak	Vertical
	11463.5	32.1	19.3	51.4	74.0	-22.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	36
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7536.5	32.7	12.8	45.5	74.0	-28.5	Peak	Horizontal
	11480.5	30.7	19.3	50.0	74.0	-24.0	Peak	Horizontal
*	12721.5	30.7	18.8	49.5	68.2	-18.7	Peak	Horizontal
*	13461.0	31.0	21.6	52.6	68.2	-15.6	Peak	Horizontal
	7570.5	32.5	12.8	45.3	74.0	-28.7	Peak	Vertical
	11106.5	30.9	18.6	49.5	74.0	-24.5	Peak	Vertical
*	12798.0	31.6	19.1	50.7	68.2	-17.5	Peak	Vertical
*	13775.5	31.0	22.1	53.1	68.2	-15.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	44
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7587.5	32.1	12.7	44.8	74.0	-29.2	Peak	Horizontal
	11421.0	30.6	19.1	49.7	74.0	-24.3	Peak	Horizontal
*	12925.5	30.5	19.6	50.1	68.2	-18.1	Peak	Horizontal
*	13622.5	30.8	21.8	52.6	68.2	-15.6	Peak	Horizontal
	7477.0	32.4	12.8	45.2	74.0	-28.8	Peak	Vertical
	10970.5	31.1	18.4	49.5	74.0	-24.5	Peak	Vertical
*	12704.5	31.4	18.8	50.2	68.2	-18.0	Peak	Vertical
*	13061.5	30.7	20.0	50.7	68.2	-17.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	48
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7494.0	33.8	12.8	46.6	74.0	-27.4	Peak	Horizontal
	10911.0	30.7	18.4	49.1	74.0	-24.9	Peak	Horizontal
*	12968.0	30.4	19.8	50.2	68.2	-18.0	Peak	Horizontal
*	13444.0	30.5	21.6	52.1	68.2	-16.1	Peak	Horizontal
	7494.0	32.2	12.8	45.0	74.0	-29.0	Peak	Vertical
	10919.5	30.9	18.4	49.3	74.0	-24.7	Peak	Vertical
*	13027.5	30.3	19.9	50.2	68.2	-18.0	Peak	Vertical
*	13597.0	30.6	21.8	52.4	68.2	-15.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	52
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7528.0	32.3	12.8	45.1	74.0	-28.9	Peak	Horizontal
	10630.5	32.1	17.3	49.4	74.0	-24.6	Peak	Horizontal
*	12883.0	31.1	19.4	50.5	68.2	-17.7	Peak	Horizontal
*	13444.0	30.7	21.6	52.3	68.2	-15.9	Peak	Horizontal
	7434.5	32.1	12.7	44.8	74.0	-29.2	Peak	Vertical
	10911.0	30.9	18.4	49.3	74.0	-24.7	Peak	Vertical
*	12798.0	30.7	19.1	49.8	68.2	-18.4	Peak	Vertical
*	13529.0	30.0	21.8	51.8	68.2	-16.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	60
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7536.5	33.2	12.8	46.0	74.0	-28.0	Peak	Horizontal
	10817.5	31.7	18.0	49.7	74.0	-24.3	Peak	Horizontal
*	13036.0	31.5	20.0	51.5	68.2	-16.7	Peak	Horizontal
*	13435.5	30.5	21.6	52.1	68.2	-16.1	Peak	Horizontal
	7613.0	33.2	12.6	45.8	74.0	-28.2	Peak	Vertical
	10877.0	31.0	18.2	49.2	74.0	-24.8	Peak	Vertical
*	12798.0	30.9	19.1	50.0	68.2	-18.2	Peak	Vertical
*	13486.5	30.3	21.7	52.0	68.2	-16.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	64
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7383.5	32.6	12.5	45.1	74.0	-28.9	Peak	Horizontal
	10885.5	31.4	18.3	49.7	74.0	-24.3	Peak	Horizontal
*	12849.0	31.1	19.2	50.3	68.2	-17.9	Peak	Horizontal
*	13622.5	30.9	21.8	52.7	68.2	-15.5	Peak	Horizontal
	7664.0	33.0	12.5	45.5	74.0	-28.5	Peak	Vertical
	10928.0	31.5	18.4	49.9	74.0	-24.1	Peak	Vertical
*	13172.0	30.3	20.2	50.5	68.2	-17.7	Peak	Vertical
*	13546.0	30.3	21.9	52.2	68.2	-16.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	100
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7383.5	32.6	12.5	45.1	74.0	-28.9	Peak	Horizontal
	10987.5	31.6	18.5	50.1	74.0	-23.9	Peak	Horizontal
*	13095.5	31.7	20.1	51.8	68.2	-16.4	Peak	Horizontal
*	13512.0	31.3	21.8	53.1	68.2	-15.1	Peak	Horizontal
	7528.0	33.0	12.8	45.8	74.0	-28.2	Peak	Vertical
	10928.0	32.2	18.4	50.6	74.0	-23.4	Peak	Vertical
*	12900.0	30.3	19.5	49.8	68.2	-18.4	Peak	Vertical
*	13495.0	30.2	21.7	51.9	68.2	-16.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	120
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7468.5	32.8	12.8	45.6	74.0	-28.4	Peak	Horizontal
	11557.0	31.3	19.5	50.8	74.0	-23.2	Peak	Horizontal
*	13053.0	32.5	20.0	52.5	68.2	-15.7	Peak	Horizontal
*	13529.0	31.2	21.8	53.0	68.2	-15.2	Peak	Horizontal
	7502.5	32.5	12.8	45.3	74.0	-28.7	Peak	Vertical
	11123.5	31.7	18.6	50.3	74.0	-23.7	Peak	Vertical
*	13061.5	30.9	20.0	50.9	68.2	-17.3	Peak	Vertical
*	13546.0	31.1	21.9	53.0	68.2	-15.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	140
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7426.0	33.0	12.7	45.7	74.0	-28.3	Peak	Horizontal
	10868.5	31.7	18.2	49.9	74.0	-24.1	Peak	Horizontal
*	12925.5	30.4	19.6	50.0	68.2	-18.2	Peak	Horizontal
*	13503.5	31.5	21.8	53.3	68.2	-14.9	Peak	Horizontal
	7460.0	33.1	12.8	45.9	74.0	-28.1	Peak	Vertical
	10919.5	31.3	18.4	49.7	74.0	-24.3	Peak	Vertical
*	12917.0	30.9	19.6	50.5	68.2	-17.7	Peak	Vertical
*	13512.0	30.0	21.8	51.8	68.2	-16.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	144
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7332.5	32.9	12.4	45.3	74.0	-28.7	Peak	Horizontal
	11565.5	31.5	19.5	51.0	74.0	-23.0	Peak	Horizontal
*	13061.5	30.8	20.0	50.8	68.2	-17.4	Peak	Horizontal
*	13469.5	31.3	21.7	53.0	68.2	-15.2	Peak	Horizontal
	7604.5	33.1	12.7	45.8	74.0	-28.2	Peak	Vertical
	10809.0	31.6	17.9	49.5	74.0	-24.5	Peak	Vertical
*	13138.0	31.3	20.1	51.4	68.2	-16.8	Peak	Vertical
*	13724.5	31.3	22.0	53.3	68.2	-14.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	149
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7604.5	32.2	12.7	44.9	74.0	-29.1	Peak	Horizontal
	10970.5	31.2	18.4	49.6	74.0	-24.4	Peak	Horizontal
*	13019.0	31.1	19.9	51.0	68.2	-17.2	Peak	Horizontal
*	13597.0	31.9	21.8	53.7	68.2	-14.5	Peak	Horizontal
	7383.5	32.7	12.5	45.2	74.0	-28.8	Peak	Vertical
	10919.5	31.8	18.4	50.2	74.0	-23.8	Peak	Vertical
*	13112.5	30.9	20.1	51.0	68.2	-17.2	Peak	Vertical
*	13588.5	30.8	21.8	52.6	68.2	-15.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	157
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7536.5	32.8	12.8	45.6	74.0	-28.4	Peak	Horizontal
	10953.5	31.6	18.4	50.0	74.0	-24.0	Peak	Horizontal
*	12934.0	30.9	19.6	50.5	68.2	-17.7	Peak	Horizontal
*	13605.5	31.7	21.8	53.5	68.2	-14.7	Peak	Horizontal
	7519.5	32.3	12.8	45.1	74.0	-28.9	Peak	Vertical
	11591.0	31.3	19.5	50.8	74.0	-23.2	Peak	Vertical
*	12849.0	32.6	19.2	51.8	68.2	-16.4	Peak	Vertical
*	13580.0	31.1	21.8	52.9	68.2	-15.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11n-HT20 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	165
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7383.5	32.8	12.5	45.3	74.0	-28.7	Peak	Horizontal
	10758.0	31.8	17.7	49.5	74.0	-24.5	Peak	Horizontal
*	13027.5	30.8	19.9	50.7	68.2	-17.5	Peak	Horizontal
*	13605.5	30.2	21.8	52.0	68.2	-16.2	Peak	Horizontal
	7443.0	32.6	12.7	45.3	74.0	-28.7	Peak	Vertical
	11480.5	30.8	19.3	50.1	74.0	-23.9	Peak	Vertical
*	12874.5	31.3	19.3	50.6	68.2	-17.6	Peak	Vertical
*	13605.5	31.9	21.8	53.7	68.2	-14.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11n-HT40 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	38
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7468.5	32.3	12.8	45.1	74.0	-28.9	Peak	Horizontal
	10885.5	32.1	18.3	50.4	74.0	-23.6	Peak	Horizontal
*	12883.0	31.1	19.4	50.5	68.2	-17.7	Peak	Horizontal
*	13571.5	31.0	21.8	52.8	68.2	-15.4	Peak	Horizontal
	7485.5	32.3	12.8	45.1	74.0	-28.9	Peak	Vertical
	11506.0	31.9	19.4	51.3	74.0	-22.7	Peak	Vertical
*	13044.5	30.9	20.0	50.9	68.2	-17.3	Peak	Vertical
*	13537.5	30.5	21.8	52.3	68.2	-15.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11n-HT40 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	46
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7485.5	32.6	12.8	45.4	74.0	-28.6	Peak	Horizontal
	10996.0	31.4	18.5	49.9	74.0	-24.1	Peak	Horizontal
*	12951.0	30.4	19.7	50.1	68.2	-18.1	Peak	Horizontal
*	13724.5	31.6	22.0	53.6	68.2	-14.6	Peak	Horizontal
	7528.0	32.7	12.8	45.5	74.0	-28.5	Peak	Vertical
	11455.0	31.6	19.2	50.8	74.0	-23.2	Peak	Vertical
*	13053.0	31.5	20.0	51.5	68.2	-16.7	Peak	Vertical
*	13597.0	30.4	21.8	52.2	68.2	-16.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11n-HT40 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	54
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7570.5	34.1	12.8	46.9	74.0	-27.1	Peak	Horizontal
	11591.0	31.9	19.5	51.4	74.0	-22.6	Peak	Horizontal
*	13163.5	32.5	20.2	52.7	68.2	-15.5	Peak	Horizontal
*	13563.0	31.6	21.8	53.4	68.2	-14.8	Peak	Horizontal
	7621.5	33.7	12.6	46.3	74.0	-27.7	Peak	Vertical
	11421.0	31.7	19.1	50.8	74.0	-23.2	Peak	Vertical
*	13019.0	31.4	19.9	51.3	68.2	-16.9	Peak	Vertical
*	13503.5	31.0	21.8	52.8	68.2	-15.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11n-HT40 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	62
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7434.5	32.8	12.7	45.5	74.0	-28.5	Peak	Horizontal
	11523.0	31.6	19.4	51.0	74.0	-23.0	Peak	Horizontal
*	13163.5	31.2	20.2	51.4	68.2	-16.8	Peak	Horizontal
*	13707.5	31.3	22.0	53.3	68.2	-14.9	Peak	Horizontal
	7579.0	32.7	12.7	45.4	74.0	-28.6	Peak	Vertical
	10928.0	31.3	18.4	49.7	74.0	-24.3	Peak	Vertical
*	13027.5	31.3	19.9	51.2	68.2	-17.0	Peak	Vertical
*	13605.5	31.9	21.8	53.7	68.2	-14.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11n-HT40 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	102
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7613.0	33.4	12.6	46.0	74.0	-28.0	Peak	Horizontal
	11446.5	31.5	19.2	50.7	74.0	-23.3	Peak	Horizontal
*	12925.5	30.5	19.6	50.1	68.2	-18.1	Peak	Horizontal
*	13461.0	31.3	21.6	52.9	68.2	-15.3	Peak	Horizontal
	7613.0	32.9	12.6	45.5	74.0	-28.5	Peak	Vertical
	10936.5	31.4	18.4	49.8	74.0	-24.2	Peak	Vertical
*	12866.0	30.3	19.3	49.6	68.2	-18.6	Peak	Vertical
*	13469.5	30.3	21.7	52.0	68.2	-16.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11n-HT40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	118
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7570.5	33.1	12.8	45.9	74.0	-28.1	Peak	Horizontal
	11166.0	31.5	18.7	50.2	74.0	-23.8	Peak	Horizontal
*	12968.0	31.0	19.8	50.8	68.2	-17.4	Peak	Horizontal
*	13503.5	30.6	21.8	52.4	68.2	-15.8	Peak	Horizontal
	7434.5	32.7	12.7	45.4	74.0	-28.6	Peak	Vertical
	11463.5	31.0	19.3	50.3	74.0	-23.7	Peak	Vertical
*	13027.5	31.9	19.9	51.8	68.2	-16.4	Peak	Vertical
*	13546.0	30.2	21.9	52.1	68.2	-16.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11n-HT40 - Ant 0 + 1 + 2 + 3 (CDD Mode)	Test Channel:	134
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7553.5	32.6	12.8	45.4	74.0	-28.6	Peak	Horizontal
	11174.5	31.2	18.7	49.9	74.0	-24.1	Peak	Horizontal
*	13095.5	32.4	20.1	52.5	68.2	-15.7	Peak	Horizontal
*	13520.5	31.0	21.8	52.8	68.2	-15.4	Peak	Horizontal
	7485.5	32.3	12.8	45.1	74.0	-28.9	Peak	Vertical
	11421.0	31.6	19.1	50.7	74.0	-23.3	Peak	Vertical
*	13095.5	30.9	20.1	51.0	68.2	-17.2	Peak	Vertical
*	13427.0	30.8	21.5	52.3	68.2	-15.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11n-HT40 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	142
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7494.0	33.0	12.8	45.8	74.0	-28.2	Peak	Horizontal
	11514.5	31.7	19.4	51.1	74.0	-22.9	Peak	Horizontal
*	12959.5	31.0	19.7	50.7	68.2	-17.5	Peak	Horizontal
*	13597.0	31.5	21.8	53.3	68.2	-14.9	Peak	Horizontal
	7451.5	32.7	12.8	45.5	74.0	-28.5	Peak	Vertical
	11106.5	31.3	18.6	49.9	74.0	-24.1	Peak	Vertical
*	12959.5	30.8	19.7	50.5	68.2	-17.7	Peak	Vertical
*	13733.0	31.1	22.0	53.1	68.2	-15.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11n-HT40 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	151
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7596.0	32.8	12.7	45.5	74.0	-28.5	Peak	Horizontal
	10919.5	31.7	18.4	50.1	74.0	-23.9	Peak	Horizontal
*	12985.0	30.9	19.8	50.7	68.2	-17.5	Peak	Horizontal
*	13495.0	30.6	21.7	52.3	68.2	-15.9	Peak	Horizontal
	7596.0	33.1	12.7	45.8	74.0	-28.2	Peak	Vertical
	10792.0	32.0	17.9	49.9	74.0	-24.1	Peak	Vertical
*	12883.0	31.6	19.4	51.0	68.2	-17.2	Peak	Vertical
*	13452.5	30.4	21.6	52.0	68.2	-16.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11n-HT40 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	159
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7477.0	32.3	12.8	45.1	74.0	-28.9	Peak	Horizontal
	11140.5	31.5	18.7	50.2	74.0	-23.8	Peak	Horizontal
*	13061.5	30.7	20.0	50.7	68.2	-17.5	Peak	Horizontal
*	13478.0	30.8	21.7	52.5	68.2	-15.7	Peak	Horizontal
	7647.0	33.4	12.5	45.9	74.0	-28.1	Peak	Vertical
	11531.5	31.5	19.4	50.9	74.0	-23.1	Peak	Vertical
*	12815.0	31.6	19.1	50.7	68.2	-17.5	Peak	Vertical
*	13597.0	31.0	21.8	52.8	68.2	-15.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	36
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7409.0	32.6	12.6	45.2	74.0	-28.8	Peak	Horizontal
	10928.0	31.6	18.4	50.0	74.0	-24.0	Peak	Horizontal
*	12993.5	32.1	19.8	51.9	68.2	-16.3	Peak	Horizontal
*	13546.0	30.6	21.9	52.5	68.2	-15.7	Peak	Horizontal
	7545.0	32.9	12.8	45.7	74.0	-28.3	Peak	Vertical
	10979.0	31.8	18.5	50.3	74.0	-23.7	Peak	Vertical
*	12883.0	31.7	19.4	51.1	68.2	-17.1	Peak	Vertical
*	13444.0	30.5	21.6	52.1	68.2	-16.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	44
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7400.5	32.3	12.6	44.9	74.0	-29.1	Peak	Horizontal
	11565.5	31.4	19.5	50.9	74.0	-23.1	Peak	Horizontal
*	13155.0	31.0	20.1	51.1	68.2	-17.1	Peak	Horizontal
*	13690.5	31.5	21.9	53.4	68.2	-14.8	Peak	Horizontal
	7426.0	33.2	12.7	45.9	74.0	-28.1	Peak	Vertical
	10749.5	32.2	17.7	49.9	74.0	-24.1	Peak	Vertical
*	13027.5	30.9	19.9	50.8	68.2	-17.4	Peak	Vertical
*	13427.0	30.8	21.5	52.3	68.2	-15.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	48
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7587.5	32.1	12.7	44.8	74.0	-29.2	Peak	Horizontal
	11081.0	31.5	18.6	50.1	74.0	-23.9	Peak	Horizontal
*	12951.0	30.8	19.7	50.5	68.2	-17.7	Peak	Horizontal
*	13512.0	31.0	21.8	52.8	68.2	-15.4	Peak	Horizontal
	7494.0	32.4	12.8	45.2	74.0	-28.8	Peak	Vertical
	11183.0	31.0	18.7	49.7	74.0	-24.3	Peak	Vertical
*	13078.5	31.0	20.0	51.0	68.2	-17.2	Peak	Vertical
*	13767.0	29.9	22.0	51.9	68.2	-16.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	52
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7604.5	33.5	12.7	46.2	74.0	-27.8	Peak	Horizontal
	11446.5	32.1	19.2	51.3	74.0	-22.7	Peak	Horizontal
*	13027.5	31.5	19.9	51.4	68.2	-16.8	Peak	Horizontal
*	13631.0	31.7	21.8	53.5	68.2	-14.7	Peak	Horizontal
	7468.5	32.1	12.8	44.9	74.0	-29.1	Peak	Vertical
	11625.0	31.4	19.4	50.8	74.0	-23.2	Peak	Vertical
*	12968.0	31.0	19.8	50.8	68.2	-17.4	Peak	Vertical
*	13767.0	31.1	22.0	53.1	68.2	-15.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	60
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7519.5	33.1	12.8	45.9	74.0	-28.1	Peak	Horizontal
	10928.0	32.0	18.4	50.4	74.0	-23.6	Peak	Horizontal
*	12993.5	31.7	19.8	51.5	68.2	-16.7	Peak	Horizontal
*	13546.0	30.8	21.9	52.7	68.2	-15.5	Peak	Horizontal
	7502.5	32.7	12.8	45.5	74.0	-28.5	Peak	Vertical
	11013.0	30.5	18.5	49.0	74.0	-25.0	Peak	Vertical
*	12908.5	30.5	19.5	50.0	68.2	-18.2	Peak	Vertical
*	13648.0	31.3	21.8	53.1	68.2	-15.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	64
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7341.0	32.9	12.4	45.3	74.0	-28.7	Peak	Horizontal
	11608.0	31.7	19.4	51.1	74.0	-22.9	Peak	Horizontal
*	13129.5	30.8	20.1	50.9	68.2	-17.3	Peak	Horizontal
*	13512.0	31.6	21.8	53.4	68.2	-14.8	Peak	Horizontal
	7511.0	32.8	12.8	45.6	74.0	-28.4	Peak	Vertical
	11633.5	31.4	19.4	50.8	74.0	-23.2	Peak	Vertical
*	13078.5	30.9	20.0	50.9	68.2	-17.3	Peak	Vertical
*	13605.5	31.2	21.8	53.0	68.2	-15.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	100
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7494.0	33.5	12.8	46.3	74.0	-27.7	Peak	Horizontal
	11582.5	31.4	19.5	50.9	74.0	-23.1	Peak	Horizontal
*	13036.0	31.4	20.0	51.4	68.2	-16.8	Peak	Horizontal
*	13546.0	30.5	21.9	52.4	68.2	-15.8	Peak	Horizontal
	7613.0	33.2	12.6	45.8	74.0	-28.2	Peak	Vertical
	10979.0	31.1	18.5	49.6	74.0	-24.4	Peak	Vertical
*	13044.5	31.1	20.0	51.1	68.2	-17.1	Peak	Vertical
*	13605.5	31.3	21.8	53.1	68.2	-15.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	120
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7536.5	32.6	12.8	45.4	74.0	-28.6	Peak	Horizontal
	11463.5	31.7	19.3	51.0	74.0	-23.0	Peak	Horizontal
*	13163.5	31.8	20.2	52.0	68.2	-16.2	Peak	Horizontal
*	13656.5	31.4	21.8	53.2	68.2	-15.0	Peak	Horizontal
	7434.5	32.0	12.7	44.7	74.0	-29.3	Peak	Vertical
	11769.5	32.3	18.8	51.1	74.0	-22.9	Peak	Vertical
*	12849.0	31.1	19.2	50.3	68.2	-17.9	Peak	Vertical
*	13554.5	30.8	21.9	52.7	68.2	-15.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	140
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7451.5	32.7	12.8	45.5	74.0	-28.5	Peak	Horizontal
	11599.5	31.3	19.4	50.7	74.0	-23.3	Peak	Horizontal
*	13019.0	32.2	19.9	52.1	68.2	-16.1	Peak	Horizontal
*	13537.5	31.1	21.8	52.9	68.2	-15.3	Peak	Horizontal
	7545.0	32.7	12.8	45.5	74.0	-28.5	Peak	Vertical
	11506.0	31.9	19.4	51.3	74.0	-22.7	Peak	Vertical
*	13087.0	31.3	20.1	51.4	68.2	-16.8	Peak	Vertical
*	13520.5	31.0	21.8	52.8	68.2	-15.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	144
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7460.0	33.0	12.8	45.8	74.0	-28.2	Peak	Horizontal
	11514.5	31.1	19.4	50.5	74.0	-23.5	Peak	Horizontal
*	13044.5	30.9	20.0	50.9	68.2	-17.3	Peak	Horizontal
*	13529.0	31.7	21.8	53.5	68.2	-14.7	Peak	Horizontal
	7443.0	33.0	12.7	45.7	74.0	-28.3	Peak	Vertical
	10928.0	32.1	18.4	50.5	74.0	-23.5	Peak	Vertical
*	13104.0	31.8	20.1	51.9	68.2	-16.3	Peak	Vertical
*	13597.0	31.4	21.8	53.2	68.2	-15.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	149
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7613.0	33.0	12.6	45.6	74.0	-28.4	Peak	Horizontal
	11557.0	31.8	19.5	51.3	74.0	-22.7	Peak	Horizontal
*	13061.5	31.0	20.0	51.0	68.2	-17.2	Peak	Horizontal
*	13614.0	31.7	21.8	53.5	68.2	-14.7	Peak	Horizontal
	7434.5	32.6	12.7	45.3	74.0	-28.7	Peak	Vertical
	10758.0	32.2	17.7	49.9	74.0	-24.1	Peak	Vertical
*	12959.5	30.2	19.7	49.9	68.2	-18.3	Peak	Vertical
*	13580.0	30.9	21.8	52.7	68.2	-15.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	157
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7511.0	33.5	12.8	46.3	74.0	-27.7	Peak	Horizontal
	11395.5	31.8	19.1	50.9	74.0	-23.1	Peak	Horizontal
*	13121.0	30.3	20.1	50.4	68.2	-17.8	Peak	Horizontal
*	13605.5	30.5	21.8	52.3	68.2	-15.9	Peak	Horizontal
	7604.5	33.2	12.7	45.9	74.0	-28.1	Peak	Vertical
	11089.5	31.0	18.6	49.6	74.0	-24.4	Peak	Vertical
*	13002.0	31.0	19.9	50.9	68.2	-17.3	Peak	Vertical
*	13750.0	31.6	22.0	53.6	68.2	-14.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	165
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7451.5	32.5	12.8	45.3	74.0	-28.7	Peak	Horizontal
	11506.0	31.5	19.4	50.9	74.0	-23.1	Peak	Horizontal
*	13027.5	32.2	19.9	52.1	68.2	-16.1	Peak	Horizontal
*	13716.0	32.3	22.0	54.3	68.2	-13.9	Peak	Horizontal
	7553.5	33.2	12.8	46.0	74.0	-28.0	Peak	Vertical
	10809.0	32.3	17.9	50.2	74.0	-23.8	Peak	Vertical
*	12976.5	31.4	19.8	51.2	68.2	-17.0	Peak	Vertical
*	13699.0	31.6	22.0	53.6	68.2	-14.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	38
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7426.0	32.6	12.7	45.3	74.0	-28.7	Peak	Horizontal
	10792.0	31.7	17.9	49.6	74.0	-24.4	Peak	Horizontal
*	12891.5	30.4	19.4	49.8	68.2	-18.4	Peak	Horizontal
*	13784.0	31.7	22.1	53.8	68.2	-14.4	Peak	Horizontal
	7545.0	33.1	12.8	45.9	74.0	-28.1	Peak	Vertical
	10647.5	32.2	17.4	49.6	74.0	-24.4	Peak	Vertical
*	13061.5	31.7	20.0	51.7	68.2	-16.5	Peak	Vertical
*	13682.0	31.1	21.9	53.0	68.2	-15.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	46
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7519.5	32.1	12.8	44.9	74.0	-29.1	Peak	Horizontal
	11582.5	31.8	19.5	51.3	74.0	-22.7	Peak	Horizontal
*	12959.5	31.2	19.7	50.9	68.2	-17.3	Peak	Horizontal
*	13665.0	30.9	21.9	52.8	68.2	-15.4	Peak	Horizontal
	7494.0	32.5	12.8	45.3	74.0	-28.7	Peak	Vertical
	11429.5	32.4	19.2	51.6	74.0	-22.4	Peak	Vertical
*	12985.0	30.7	19.8	50.5	68.2	-17.7	Peak	Vertical
*	13665.0	31.4	21.9	53.3	68.2	-14.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	54
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7477.0	32.7	12.8	45.5	74.0	-28.5	Peak	Horizontal
	11523.0	32.1	19.4	51.5	74.0	-22.5	Peak	Horizontal
*	13070.0	31.5	20.0	51.5	68.2	-16.7	Peak	Horizontal
*	13554.5	30.9	21.9	52.8	68.2	-15.4	Peak	Horizontal
	7604.5	32.6	12.7	45.3	74.0	-28.7	Peak	Vertical
	11157.5	31.5	18.7	50.2	74.0	-23.8	Peak	Vertical
*	12908.5	31.6	19.5	51.1	68.2	-17.1	Peak	Vertical
*	13486.5	30.2	21.7	51.9	68.2	-16.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	62
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7485.5	33.1	12.8	45.9	74.0	-28.1	Peak	Horizontal
	11565.5	31.2	19.5	50.7	74.0	-23.3	Peak	Horizontal
*	12900.0	30.4	19.5	49.9	68.2	-18.3	Peak	Horizontal
*	13435.5	30.7	21.6	52.3	68.2	-15.9	Peak	Horizontal
	7468.5	32.4	12.8	45.2	74.0	-28.8	Peak	Vertical
	11140.5	31.8	18.7	50.5	74.0	-23.5	Peak	Vertical
*	12900.0	30.8	19.5	50.3	68.2	-17.9	Peak	Vertical
*	13469.5	31.0	21.7	52.7	68.2	-15.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	102
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7536.5	33.2	12.8	46.0	74.0	-28.0	Peak	Horizontal
	10928.0	32.3	18.4	50.7	74.0	-23.3	Peak	Horizontal
*	12849.0	31.5	19.2	50.7	68.2	-17.5	Peak	Horizontal
*	13469.5	32.3	21.7	54.0	68.2	-14.2	Peak	Horizontal
	7485.5	33.3	12.8	46.1	74.0	-27.9	Peak	Vertical
	11480.5	31.4	19.3	50.7	74.0	-23.3	Peak	Vertical
*	13027.5	30.5	19.9	50.4	68.2	-17.8	Peak	Vertical
*	13588.5	31.8	21.8	53.6	68.2	-14.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	118
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7664.0	33.9	12.5	46.4	74.0	-27.6	Peak	Horizontal
	11523.0	31.4	19.4	50.8	74.0	-23.2	Peak	Horizontal
*	13010.5	30.8	19.9	50.7	68.2	-17.5	Peak	Horizontal
*	13546.0	31.1	21.9	53.0	68.2	-15.2	Peak	Horizontal
	7494.0	32.4	12.8	45.2	74.0	-28.8	Peak	Vertical
	10928.0	33.0	18.4	51.4	74.0	-22.6	Peak	Vertical
*	13044.5	31.7	20.0	51.7	68.2	-16.5	Peak	Vertical
*	13665.0	31.3	21.9	53.2	68.2	-15.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	134
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7375.0	33.0	12.5	45.5	74.0	-28.5	Peak	Horizontal
	11548.5	32.0	19.4	51.4	74.0	-22.6	Peak	Horizontal
*	12976.5	31.5	19.8	51.3	68.2	-16.9	Peak	Horizontal
*	13529.0	30.9	21.8	52.7	68.2	-15.5	Peak	Horizontal
	7570.5	32.5	12.8	45.3	74.0	-28.7	Peak	Vertical
	11633.5	31.4	19.4	50.8	74.0	-23.2	Peak	Vertical
*	13053.0	31.4	20.0	51.4	68.2	-16.8	Peak	Vertical
*	13605.5	31.0	21.8	52.8	68.2	-15.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	142
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7477.0	33.0	12.8	45.8	74.0	-28.2	Peak	Horizontal
	10970.5	32.3	18.4	50.7	74.0	-23.3	Peak	Horizontal
*	12959.5	31.4	19.7	51.1	68.2	-17.1	Peak	Horizontal
*	13580.0	31.3	21.8	53.1	68.2	-15.1	Peak	Horizontal
	7358.0	32.6	12.4	45.0	74.0	-29.0	Peak	Vertical
	11565.5	31.0	19.5	50.5	74.0	-23.5	Peak	Vertical
*	12908.5	31.0	19.5	50.5	68.2	-17.7	Peak	Vertical
*	13699.0	30.8	22.0	52.8	68.2	-15.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	151
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7528.0	32.7	12.8	45.5	74.0	-28.5	Peak	Horizontal
	11582.5	31.4	19.5	50.9	74.0	-23.1	Peak	Horizontal
*	12806.5	31.3	19.1	50.4	68.2	-17.8	Peak	Horizontal
*	13444.0	30.8	21.6	52.4	68.2	-15.8	Peak	Horizontal
	7434.5	33.1	12.7	45.8	74.0	-28.2	Peak	Vertical
	11616.5	32.0	19.4	51.4	74.0	-22.6	Peak	Vertical
*	13180.5	31.4	20.2	51.6	68.2	-16.6	Peak	Vertical
*	13614.0	31.3	21.8	53.1	68.2	-15.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	159
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7451.5	32.7	12.8	45.5	74.0	-28.5	Peak	Horizontal
	10647.5	32.9	17.4	50.3	74.0	-23.7	Peak	Horizontal
*	12857.5	30.6	19.3	49.9	68.2	-18.3	Peak	Horizontal
*	13486.5	30.6	21.7	52.3	68.2	-15.9	Peak	Horizontal
	7536.5	32.4	12.8	45.2	74.0	-28.8	Peak	Vertical
	11123.5	30.9	18.6	49.5	74.0	-24.5	Peak	Vertical
*	13087.0	31.2	20.1	51.3	68.2	-16.9	Peak	Vertical
*	13631.0	31.6	21.8	53.4	68.2	-14.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT80 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	42
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7604.5	32.6	12.7	45.3	74.0	-28.7	Peak	Horizontal
	10919.5	31.7	18.4	50.1	74.0	-23.9	Peak	Horizontal
*	13129.5	30.9	20.1	51.0	68.2	-17.2	Peak	Horizontal
*	13597.0	31.4	21.8	53.2	68.2	-15.0	Peak	Horizontal
	7553.5	32.8	12.8	45.6	74.0	-28.4	Peak	Vertical
	11463.5	31.4	19.3	50.7	74.0	-23.3	Peak	Vertical
*	13053.0	31.2	20.0	51.2	68.2	-17.0	Peak	Vertical
*	13529.0	31.8	21.8	53.6	68.2	-14.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT80 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	58
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7451.5	32.5	12.8	45.3	74.0	-28.7	Peak	Horizontal
	11548.5	31.6	19.4	51.0	74.0	-23.0	Peak	Horizontal
*	13036.0	30.8	20.0	50.8	68.2	-17.4	Peak	Horizontal
*	13648.0	30.8	21.8	52.6	68.2	-15.6	Peak	Horizontal
	7409.0	32.7	12.6	45.3	74.0	-28.7	Peak	Vertical
	11472.0	31.1	19.3	50.4	74.0	-23.6	Peak	Vertical
*	12891.5	30.3	19.4	49.7	68.2	-18.5	Peak	Vertical
*	13427.0	32.2	21.5	53.7	68.2	-14.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT80 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	106
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7358.0	33.2	12.4	45.6	74.0	-28.4	Peak	Horizontal
	10970.5	31.7	18.4	50.1	74.0	-23.9	Peak	Horizontal
*	12959.5	30.8	19.7	50.5	68.2	-17.7	Peak	Horizontal
*	13435.5	30.0	21.6	51.6	68.2	-16.6	Peak	Horizontal
	7468.5	32.1	12.8	44.9	74.0	-29.1	Peak	Vertical
	11557.0	31.3	19.5	50.8	74.0	-23.2	Peak	Vertical
*	13095.5	31.0	20.1	51.1	68.2	-17.1	Peak	Vertical
*	13444.0	31.2	21.6	52.8	68.2	-15.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT80 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	122
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7664.0	32.7	12.5	45.2	74.0	-28.8	Peak	Horizontal
	10877.0	32.0	18.2	50.2	74.0	-23.8	Peak	Horizontal
*	12908.5	31.3	19.5	50.8	68.2	-17.4	Peak	Horizontal
*	13571.5	31.3	21.8	53.1	68.2	-15.1	Peak	Horizontal
	7579.0	32.4	12.7	45.1	74.0	-28.9	Peak	Vertical
	11557.0	31.3	19.5	50.8	74.0	-23.2	Peak	Vertical
*	13036.0	32.0	20.0	52.0	68.2	-16.2	Peak	Vertical
*	13597.0	31.3	21.8	53.1	68.2	-15.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT80 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	138
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7366.5	33.4	12.5	45.9	74.0	-28.1	Peak	Horizontal
	11208.5	31.9	18.8	50.7	74.0	-23.3	Peak	Horizontal
*	12985.0	31.5	19.8	51.3	68.2	-16.9	Peak	Horizontal
*	13495.0	31.0	21.7	52.7	68.2	-15.5	Peak	Horizontal
	7494.0	32.7	12.8	45.5	74.0	-28.5	Peak	Vertical
	11098.0	31.7	18.6	50.3	74.0	-23.7	Peak	Vertical
*	13078.5	30.9	20.0	50.9	68.2	-17.3	Peak	Vertical
*	13614.0	31.2	21.8	53.0	68.2	-15.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT80 - Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	155
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7485.5	32.4	12.8	45.2	74.0	-28.8	Peak	Horizontal
	10885.5	31.6	18.3	49.9	74.0	-24.1	Peak	Horizontal
*	12985.0	31.1	19.8	50.9	68.2	-17.3	Peak	Horizontal
*	13563.0	30.8	21.8	52.6	68.2	-15.6	Peak	Horizontal
	7536.5	32.9	12.8	45.7	74.0	-28.3	Peak	Vertical
	10919.5	32.1	18.4	50.5	74.0	-23.5	Peak	Vertical
*	13044.5	31.4	20.0	51.4	68.2	-16.8	Peak	Vertical
*	13563.0	30.9	21.8	52.7	68.2	-15.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT80+80 - Ant 0 + 1 / Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	42
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7647.0	33.0	12.5	45.5	74.0	-28.5	Peak	Horizontal
	10715.5	30.2	17.5	47.7	74.0	-26.3	Peak	Horizontal
*	13027.5	29.8	19.9	49.7	68.2	-18.5	Peak	Horizontal
*	13775.5	29.6	22.1	51.7	68.2	-16.5	Peak	Horizontal
	7511.0	30.2	12.8	43.0	74.0	-31.0	Peak	Vertical
	11565.5	28.8	19.5	48.3	74.0	-25.7	Peak	Vertical
*	13002.0	29.6	19.9	49.5	68.2	-18.7	Peak	Vertical
*	14141.0	28.6	23.0	51.6	68.2	-16.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT80+80 - Ant 0 + 1 / Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	58
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7519.5	30.0	12.8	42.8	74.0	-31.2	Peak	Horizontal
	10996.0	29.5	18.5	48.0	74.0	-26.0	Peak	Horizontal
*	12968.0	28.6	19.8	48.4	68.2	-19.8	Peak	Horizontal
*	14166.5	29.3	23.1	52.4	68.2	-15.8	Peak	Horizontal
	7332.5	31.0	12.4	43.4	74.0	-30.6	Peak	Vertical
	11557.0	28.8	19.5	48.3	74.0	-25.7	Peak	Vertical
*	12908.5	28.1	19.5	47.6	68.2	-20.6	Peak	Vertical
*	13852.0	29.2	22.3	51.5	68.2	-16.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT80+80 - Ant 0 + 1 / Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	106
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7409.0	31.0	12.6	43.6	74.0	-30.4	Peak	Horizontal
	11098.0	29.1	18.6	47.7	74.0	-26.3	Peak	Horizontal
*	13044.5	28.2	20.0	48.2	68.2	-20.0	Peak	Horizontal
*	14081.5	28.9	22.8	51.7	68.2	-16.5	Peak	Horizontal
	7426.0	30.7	12.7	43.4	74.0	-30.6	Peak	Vertical
	11098.0	29.1	18.6	47.7	74.0	-26.3	Peak	Vertical
*	13044.5	28.7	20.0	48.7	68.2	-19.5	Peak	Vertical
*	13444.0	28.1	21.6	49.7	68.2	-18.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT80+80 - Ant 0 + 1 / Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	122
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7553.5	30.9	12.8	43.7	74.0	-30.3	Peak	Horizontal
	10928.0	29.4	18.4	47.8	74.0	-26.2	Peak	Horizontal
*	13019.0	28.1	19.9	48.0	68.2	-20.2	Peak	Horizontal
*	13707.5	28.4	22.0	50.4	68.2	-17.8	Peak	Horizontal
	7460.0	31.1	12.8	43.9	74.0	-30.1	Peak	Vertical
	11565.5	29.4	19.5	48.9	74.0	-25.1	Peak	Vertical
*	13044.5	28.3	20.0	48.3	68.2	-19.9	Peak	Vertical
*	13452.5	29.1	21.6	50.7	68.2	-17.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT80+80 - Ant 0 + 1 / Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	138
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7553.5	31.0	12.8	43.8	74.0	-30.2	Peak	Horizontal
	11625.0	29.1	19.4	48.5	74.0	-25.5	Peak	Horizontal
*	13444.0	28.5	21.6	50.1	68.2	-18.1	Peak	Horizontal
*	14158.0	29.4	23.1	52.5	68.2	-15.7	Peak	Horizontal
	7570.5	30.4	12.8	43.2	74.0	-30.8	Peak	Vertical
	10970.5	28.5	18.4	46.9	74.0	-27.1	Peak	Vertical
*	13155.0	28.8	20.1	48.9	68.2	-19.3	Peak	Vertical
*	14030.5	28.4	22.7	51.1	68.2	-17.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT80+80 - Ant 0 + 1 / Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	155
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7519.5	30.4	12.8	43.2	74.0	-30.8	Peak	Horizontal
	10885.5	29.6	18.3	47.9	74.0	-26.1	Peak	Horizontal
*	12968.0	29.1	19.8	48.9	68.2	-19.3	Peak	Horizontal
*	13792.5	29.3	22.1	51.4	68.2	-16.8	Peak	Horizontal
	7587.5	31.4	12.7	44.1	74.0	-29.9	Peak	Vertical
	11642.0	29.6	19.4	49.0	74.0	-25.0	Peak	Vertical
*	12985.0	28.4	19.8	48.2	68.2	-20.0	Peak	Vertical
*	13835.0	29.4	22.2	51.6	68.2	-16.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT80+80 - Ant 2 + 3 / Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	42
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7647.0	33.1	12.5	45.6	74.0	-28.4	Peak	Horizontal
	11004.5	31.5	18.5	50.0	74.0	-24.0	Peak	Horizontal
*	13121.0	31.7	20.1	51.8	68.2	-16.4	Peak	Horizontal
*	13673.5	31.3	21.9	53.2	68.2	-15.0	Peak	Horizontal
	7647.0	32.7	12.5	45.2	74.0	-28.8	Peak	Vertical
	10656.0	31.5	17.4	48.9	74.0	-25.1	Peak	Vertical
*	13129.5	31.4	20.1	51.5	68.2	-16.7	Peak	Vertical
*	13673.5	31.0	21.9	52.9	68.2	-15.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT80+80 - Ant 2 + 3 / Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	58
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7511.0	32.9	12.8	45.7	74.0	-28.3	Peak	Horizontal
	11531.5	30.6	19.4	50.0	74.0	-24.0	Peak	Horizontal
*	13002.0	30.6	19.9	50.5	68.2	-17.7	Peak	Horizontal
*	13537.5	30.9	21.8	52.7	68.2	-15.5	Peak	Horizontal
	7400.5	32.9	12.6	45.5	74.0	-28.5	Peak	Vertical
	10834.5	30.6	18.1	48.7	74.0	-25.3	Peak	Vertical
*	13036.0	31.2	20.0	51.2	68.2	-17.0	Peak	Vertical
*	13639.5	30.4	21.8	52.2	68.2	-16.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT80+80 - Ant 2 + 3 / Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	106
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7681.0	33.1	12.5	45.6	74.0	-28.4	Peak	Horizontal
	10775.0	31.9	17.8	49.7	74.0	-24.3	Peak	Horizontal
*	12738.5	31.3	18.9	50.2	68.2	-18.0	Peak	Horizontal
*	13809.5	30.9	22.1	53.0	68.2	-15.2	Peak	Horizontal
	7494.0	32.4	12.8	45.2	74.0	-28.8	Peak	Vertical
	10919.5	31.6	18.4	50.0	74.0	-24.0	Peak	Vertical
*	13121.0	31.2	20.1	51.3	68.2	-16.9	Peak	Vertical
*	13622.5	30.7	21.8	52.5	68.2	-15.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT80+80 - Ant 2 + 3 / Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	122
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7647.0	33.0	12.5	45.5	74.0	-28.5	Peak	Horizontal
	10996.0	31.2	18.5	49.7	74.0	-24.3	Peak	Horizontal
*	12857.5	31.4	19.3	50.7	68.2	-17.5	Peak	Horizontal
*	13503.5	30.7	21.8	52.5	68.2	-15.7	Peak	Horizontal
	7324.0	32.9	12.4	45.3	74.0	-28.7	Peak	Vertical
	11064.0	31.4	18.5	49.9	74.0	-24.1	Peak	Vertical
*	12806.5	31.2	19.1	50.3	68.2	-17.9	Peak	Vertical
*	13486.5	31.0	21.7	52.7	68.2	-15.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT80+80 - Ant 2 + 3 / Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	138
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7477.0	32.3	12.8	45.1	74.0	-28.9	Peak	Horizontal
	10860.0	31.2	18.2	49.4	74.0	-24.6	Peak	Horizontal
*	12806.5	31.4	19.1	50.5	68.2	-17.7	Peak	Horizontal
*	13418.5	30.0	21.5	51.5	68.2	-16.7	Peak	Horizontal
	7485.5	32.2	12.8	45.0	74.0	-29.0	Peak	Vertical
	10707.0	31.6	17.5	49.1	74.0	-24.9	Peak	Vertical
*	12917.0	30.6	19.6	50.2	68.2	-18.0	Peak	Vertical
*	13775.5	30.7	22.1	52.8	68.2	-15.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2017/08/16
Test Mode:	802.11ac-VHT80+80 - Ant 2 + 3 / Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	Test Channel:	155
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7502.5	32.3	12.8	45.1	74.0	-28.9	Peak	Horizontal
	11582.5	31.2	19.5	50.7	74.0	-23.3	Peak	Horizontal
*	13095.5	31.1	20.1	51.2	68.2	-17.0	Peak	Horizontal
*	13758.5	31.3	22.0	53.3	68.2	-14.9	Peak	Horizontal
	7664.0	32.9	12.5	45.4	74.0	-28.6	Peak	Vertical
	11004.5	31.1	18.5	49.6	74.0	-24.4	Peak	Vertical
*	13138.0	30.8	20.1	50.9	68.2	-17.3	Peak	Vertical
*	13682.0	30.4	21.9	52.3	68.2	-15.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB)

The worst case of Radiated Emission below 1GHz:

Site: AC1	Time: 2017/09/07 - 21:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: VULB 9168_20-2000MHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Note: There is the worst case within frequency range 30MHz~1GHz.	



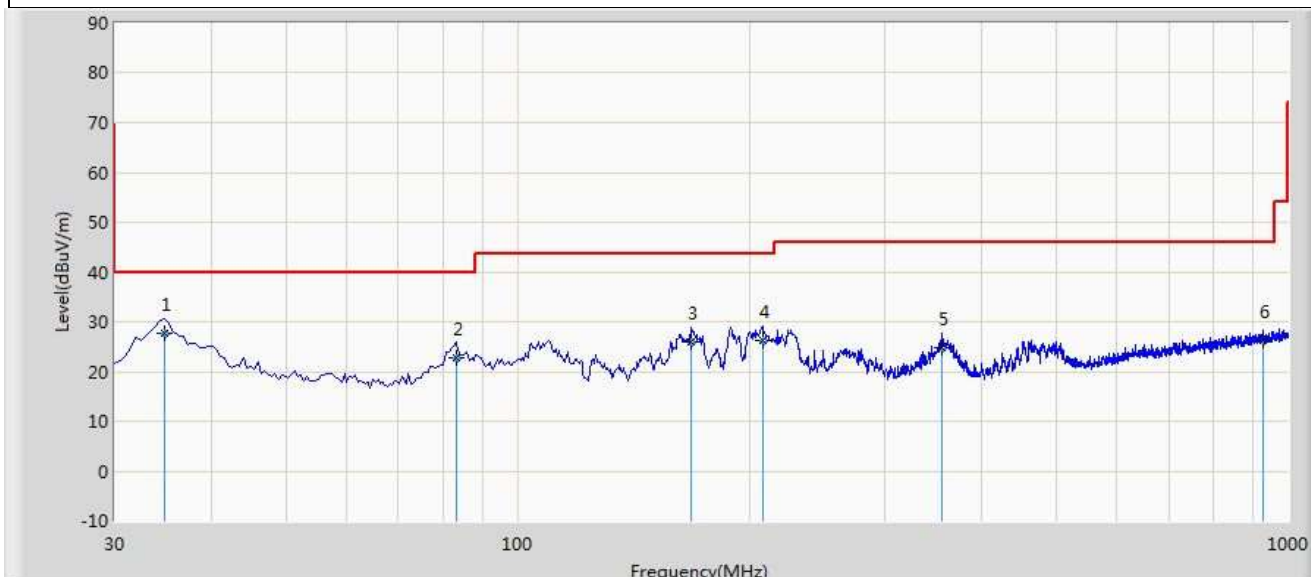
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			35.335	18.487	5.480	-21.513	40.000	13.007	QP
2			82.865	22.495	12.650	-17.505	40.000	9.845	QP
3			162.890	32.024	21.950	-11.476	43.500	10.074	QP
4		*	210.420	32.975	20.400	-10.525	43.500	12.575	QP
5			332.155	24.320	8.680	-21.680	46.000	15.640	QP
6			942.770	26.801	2.060	-19.199	46.000	24.741	QP

Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Note 2: The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 40GHz), therefore no data appear in the report.

Site: AC1	Time: 2017/09/07 - 21:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: VULB 9168_20-2000MHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Note: There is the worst case within frequency range 30MHz~1GHz.	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	34.850	27.579	14.660	-12.421	40.000	12.919	QP
2			83.350	22.863	12.950	-17.137	40.000	9.914	QP
3			167.740	25.870	15.590	-17.630	43.500	10.280	QP
4			207.990	26.186	13.650	-17.314	43.500	12.536	QP
5			355.920	24.680	8.540	-21.320	46.000	16.140	QP
6			926.280	26.262	1.650	-19.738	46.000	24.612	QP

Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

Note 2: The test trace is same as the ambient noise and the amplitude of the emissions are attenuated more than 20dB below the permissible (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 40GHz), therefore no data appear in the report.

9. 發射功率控制

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kevin Ker	Relative Humidity	59%
Test Site	SR2	Test Date	2017/09/28
Test Item	Transmit Power Control (TPC)		

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	Ant 0 TPC Power (dBm)	Ant 1 TPC Power (dBm)	Ant 2 TPC Power (dBm)	Ant 3 TPC Power (dBm)	Total EIRP TPC Power (dBm)	Limit (dBm)	Result
Ant 0 + 1 + 2 + 3 (CDD Mode)										
11a	6Mbps	52	5260	13.31	13.36	12.95	13.33	23.86	≤ 24.00	Pass
11a	6Mbps	60	5300	13.35	13.34	12.91	13.40	23.88	≤ 24.00	Pass
11a	6Mbps	64	5320	13.42	13.01	12.94	13.25	23.78	≤ 24.00	Pass
11a	6Mbps	100	5500	13.22	13.02	13.11	13.20	23.76	≤ 24.00	Pass
11a	6Mbps	120	5600	12.86	12.94	12.90	13.30	23.62	≤ 24.00	Pass
11a	6Mbps	140	5700	13.03	12.85	12.81	13.06	23.56	≤ 24.00	Pass
11a	6Mbps	144	5720	13.02	12.82	12.74	12.98	23.51	≤ 24.00	Pass
11n-HT20	MCS0	52	5260	13.27	13.15	12.90	13.30	23.78	≤ 24.00	Pass
11n-HT20	MCS0	60	5300	13.29	13.15	12.86	13.29	23.77	≤ 24.00	Pass
11n-HT20	MCS0	64	5320	13.32	12.81	12.85	13.17	23.66	≤ 24.00	Pass
11n-HT20	MCS0	100	5500	13.05	12.76	13.07	13.07	23.61	≤ 24.00	Pass
11n-HT20	MCS0	120	5600	12.73	12.70	12.85	13.14	23.48	≤ 24.00	Pass
11n-HT20	MCS0	140	5700	12.92	12.72	12.74	12.95	23.45	≤ 24.00	Pass
11n-HT20	MCS0	144	5720	12.94	12.74	12.70	12.86	23.43	≤ 24.00	Pass
11n-HT40	MCS0	54	5270	13.30	13.28	12.85	13.20	23.78	≤ 24.00	Pass
11n-HT40	MCS0	62	5310	13.25	13.31	12.84	13.24	23.78	≤ 24.00	Pass
11n-HT40	MCS0	102	5510	13.20	12.90	13.01	13.02	23.65	≤ 24.00	Pass
11n-HT40	MCS0	118	5590	13.05	12.77	13.03	12.89	23.56	≤ 24.00	Pass
11n-HT40	MCS0	134	5670	13.03	12.79	12.78	12.96	23.51	≤ 24.00	Pass
11n-HT40	MCS0	142	5710	13.05	12.72	12.60	12.87	23.43	≤ 24.00	Pass

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	Ant 0 TPC Power (dBm)	Ant 1 TPC Power (dBm)	Ant 2 TPC Power (dBm)	Ant 3 TPC Power (dBm)	Total EIRP TPC Power (dBm)	Limit (dBm)	Result
Ant 0 + 1 + 2 + 3 (CDD Mode)										
11ac-VHT20	MCS0	52	5260	13.23	13.15	12.82	13.28	23.74	≤ 24.00	Pass
11ac-VHT20	MCS0	60	5300	13.11	13.12	12.81	13.26	23.70	≤ 24.00	Pass
11ac-VHT20	MCS0	64	5320	13.14	12.76	12.84	13.12	23.59	≤ 24.00	Pass
11ac-VHT20	MCS0	100	5500	12.82	12.64	12.97	13.07	23.50	≤ 24.00	Pass
11ac-VHT20	MCS0	120	5600	12.70	12.62	12.80	13.15	23.44	≤ 24.00	Pass
11ac-VHT20	MCS0	140	5700	13.01	12.67	12.74	12.93	23.46	≤ 24.00	Pass
11ac-VHT20	MCS0	144	5720	13.04	12.70	12.70	12.82	23.44	≤ 24.00	Pass
11ac-VHT40	MCS0	54	5270	13.25	13.26	12.83	13.32	23.79	≤ 24.00	Pass
11ac-VHT40	MCS0	62	5310	13.20	13.29	12.83	13.31	23.78	≤ 24.00	Pass
11ac-VHT40	MCS0	102	5510	13.02	12.81	12.97	13.10	23.60	≤ 24.00	Pass
11ac-VHT40	MCS0	118	5590	12.94	12.71	12.97	12.95	23.51	≤ 24.00	Pass
11ac-VHT40	MCS0	134	5670	13.12	12.74	12.76	13.03	23.54	≤ 24.00	Pass
11ac-VHT40	MCS0	142	5710	13.12	12.55	12.59	12.92	23.42	≤ 24.00	Pass
11ac-VHT80	MCS0	58	5290	13.45	13.43	12.88	13.28	23.89	≤ 24.00	Pass
11ac-VHT80	MCS0	106	5530	13.14	13.05	13.09	13.21	23.74	≤ 24.00	Pass
11ac-VHT80	MCS0	122	5610	12.94	12.96	13.02	13.40	23.70	≤ 24.00	Pass
11ac-VHT80	MCS0	138	5690	13.13	13.06	12.97	13.20	23.71	≤ 24.00	Pass
Non-contiguous 80+80 MHz mode fall within different UNII band										
11ac-VHT80+80	MCS0	58	5290	16.42	16.04	--	--	23.84	≤ 24.00	Pass
11ac-VHT80+80	MCS0	58	5290	--	--	15.62	16.16	23.51	≤ 24.00	Pass
11ac-VHT80+80	MCS0	106	5530	16.40	15.80	--	--	23.72	≤ 24.00	Pass
11ac-VHT80+80	MCS0	106	5530	--	--	16.01	16.05	23.64	≤ 24.00	Pass
11ac-VHT80+80	MCS0	122	5610	16.11	15.86	--	--	23.60	≤ 24.00	Pass
11ac-VHT80+80	MCS0	122	5610	--	--	16.13	16.27	23.81	≤ 24.00	Pass
11ac-VHT80+80	MCS0	138	5690	16.24	15.74	--	--	23.61	≤ 24.00	Pass
11ac-VHT80+80	MCS0	138	5690	--	--	16.02	16.12	23.68	≤ 24.00	Pass
Non-contiguous 80+80 MHz mode fall within same UNII band										
11ac-VHT80+80	MCS0	106	5530	13.22	12.83	--	--	23.51	≤ 24.00	Pass
11ac-VHT80+80	MCS0	138	5690	--	--	12.72	12.78			
11ac-VHT80+80	MCS0	106	5530	--	--	12.85	12.69	23.57	≤ 24.00	Pass
11ac-VHT80+80	MCS0	138	5690	13.28	12.95	--	--			

Test Mode	Data Rate/MCS	Channel No.	Freq. (MHz)	Ant 0 TPC Power (dBm)	Ant 1 TPC Power (dBm)	Ant 2 TPC Power (dBm)	Ant 3 TPC Power (dBm)	Total EIRP TPC Power (dBm)	Limit (dBm)	Result
Ant 0 + 1 + 2 + 3 (CDD Mode)										
11ac-VHT80+80 (Contiguous 80+80 MHz mode)										
11ac-VHT80+80	MCS0	58	5290	--	--	13.23	13.06	20.76	≤ 24.00	Pass
11ac-VHT80+80	MCS0	106	5530	13.41	12.71	--	--	23.56	≤ 24.00	Pass
	MCS0	122	5610	--	--	12.95	12.66			

Note 1: Total EIRP TPC Power (dBm) = $10 \cdot \log \{10^{(\text{Ant 0 TPC Power} / 10)} + 10^{(\text{Ant 1 TPC Power} / 10)} + 10^{(\text{Ant 2 TPC Power} / 10)} + 10^{(\text{Ant 3 TPC Power} / 10)}\}$ + Antenna Gain (dBi), Antenna Gain = 4.6 dBi.

Note 2: For 802.11ac-VHT80+80 mode fall within different UNII band:

Ant 0 & Ant 1: Total EIRP TPC Power (dBm) = $10 \cdot \log \{10^{(\text{Ant 0 TPC Power} / 10)} + 10^{(\text{Ant 1 TPC Power} / 10)}\}$ (dBm) + Antenna Gain (dBi), Antenna Gain = 4.6 dBi.

Ant 2 & Ant 3: Total EIRP TPC Power (dBm) = $10 \cdot \log \{10^{(\text{Ant 2 TPC Power} / 10)} + 10^{(\text{Ant 3 TPC Power} / 10)}\}$ (dBm) + Antenna Gain (dBi), Antenna Gain = 4.6 dBi.

For 802.11ac-VHT80+80 mode fall within same UNII band:

Total EIRP TPC Power (dBm) = $10 \cdot \log \{10^{(\text{Ant 0 TPC Power} / 10)} + 10^{(\text{Ant 1 TPC Power} / 10)} + 10^{(\text{Ant 2 TPC Power} / 10)} + 10^{(\text{Ant 3 TPC Power} / 10)}\}$ + Antenna Gain (dBi), Antenna Gain = 4.6 dBi.

Note 3: For 802.11ac-VHT80+80 Contiguous Mode:

5290MHz fall within UNII-2A: Total Average Power (dBm) = $10 \cdot \log \{10^{(\text{Ant 2 Average Power} / 10)} + 10^{(\text{Ant 3 Average Power} / 10)}\}$ + Antenna Gain (dBi), Antenna Gain = 4.6 dBi.

5530MHz & 5610MHz Fall within UNII-2C: Total Average Power (dBm) = $10 \cdot \log \{10^{(\text{Ant 0 Average Power} / 10)} + 10^{(\text{Ant 1 Average Power} / 10)} + 10^{(\text{Ant 2 Average Power} / 10)} + 10^{(\text{Ant 3 Average Power} / 10)}\}$ + Antenna Gain (dBi), Antenna Gain = 4.6 dBi.

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	Ant 0 TPC Power (dBm)	Ant 1 TPC Power (dBm)	Ant 2 TPC Power (dBm)	Ant 3 TPC Power (dBm)	Total EIRP TPC Power (dBm)	Limit (dBm)	Result
Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)										
11n-HT20	MCS0	52	5260	10.34	10.47	9.71	9.88	23.74	≤ 24.00	Pass
11n-HT20	MCS0	60	5300	10.14	10.01	10.42	10.29	23.85	≤ 24.00	Pass
11n-HT20	MCS0	64	5320	10.52	10.03	9.99	10.09	23.79	≤ 24.00	Pass
11n-HT20	MCS0	100	5500	9.91	9.71	9.89	9.84	23.47	≤ 24.00	Pass
11n-HT20	MCS0	120	5600	10.34	10.11	10.42	10.17	23.89	≤ 24.00	Pass
11n-HT20	MCS0	140	5700	9.48	9.25	9.73	9.90	23.23	≤ 24.00	Pass
11n-HT20	MCS0	144	5720	9.93	9.39	9.42	9.50	23.20	≤ 24.00	Pass
11n-HT40	MCS0	54	5270	9.98	10.10	9.79	9.83	23.56	≤ 24.00	Pass
11n-HT40	MCS0	62	5310	10.32	9.81	10.34	10.19	23.80	≤ 24.00	Pass
11n-HT40	MCS0	102	5510	9.93	9.48	9.97	9.73	23.41	≤ 24.00	Pass
11n-HT40	MCS0	118	5590	9.87	9.71	10.40	9.85	23.60	≤ 24.00	Pass
11n-HT40	MCS0	134	5670	9.81	9.57	9.43	9.93	23.32	≤ 24.00	Pass
11n-HT40	MCS0	142	5710	9.96	9.42	9.11	9.44	23.12	≤ 24.00	Pass
11ac-VHT20	MCS0	52	5260	10.14	10.11	10.06	10.15	23.75	≤ 24.00	Pass
11ac-VHT20	MCS0	60	5300	10.14	9.79	10.25	10.12	23.71	≤ 24.00	Pass
11ac-VHT20	MCS0	64	5320	10.24	10.47	9.96	10.21	23.85	≤ 24.00	Pass
11ac-VHT20	MCS0	100	5500	9.44	9.40	9.83	10.06	23.32	≤ 24.00	Pass
11ac-VHT20	MCS0	120	5600	10.22	10.26	10.02	9.96	23.75	≤ 24.00	Pass
11ac-VHT20	MCS0	140	5700	9.55	9.38	9.68	9.51	23.16	≤ 24.00	Pass
11ac-VHT20	MCS0	144	5720	9.56	9.50	9.61	9.47	23.17	≤ 24.00	Pass
11ac-VHT40	MCS0	54	5270	10.00	10.45	9.73	9.88	23.65	≤ 24.00	Pass
11ac-VHT40	MCS0	62	5310	10.27	9.77	10.02	10.07	23.67	≤ 24.00	Pass
11ac-VHT40	MCS0	102	5510	9.92	9.64	9.67	9.77	23.38	≤ 24.00	Pass
11ac-VHT40	MCS0	118	5590	10.17	10.09	10.44	9.92	23.79	≤ 24.00	Pass
11ac-VHT40	MCS0	134	5670	9.80	9.43	9.74	9.92	23.36	≤ 24.00	Pass
11ac-VHT40	MCS0	142	5710	9.96	9.37	9.54	9.62	23.26	≤ 24.00	Pass
11ac-VHT80	MCS0	58	5290	9.98	9.87	9.61	9.92	23.48	≤ 24.00	Pass
11ac-VHT80	MCS0	106	5530	9.70	9.76	10.06	10.15	23.55	≤ 24.00	Pass
11ac-VHT80	MCS0	122	5610	10.36	10.19	9.96	10.09	23.78	≤ 24.00	Pass
11ac-VHT80	MCS0	138	5690	9.73	9.83	9.51	9.90	23.38	≤ 24.00	Pass

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	Ant 0 TPC Power (dBm)	Ant 1 TPC Power (dBm)	Ant 2 TPC Power (dBm)	Ant 3 TPC Power (dBm)	Total EIRP TPC Power (dBm)	Limit (dBm)	Result
Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)										
Non-contiguous 80+80 MHz mode fall within different UNII band										
11ac-VHT80+80	MCS0	58	5290	16.42	16.04	--	--	23.84	≤ 24.00	Pass
11ac-VHT80+80	MCS0	58	5290	--	--	15.62	16.16	23.51	≤ 24.00	Pass
11ac-VHT80+80	MCS0	106	5530	16.40	15.80	--	--	23.72	≤ 24.00	Pass
11ac-VHT80+80	MCS0	106	5530	--	--	16.01	16.05	23.64	≤ 24.00	Pass
11ac-VHT80+80	MCS0	122	5610	16.11	15.86	--	--	23.60	≤ 24.00	Pass
11ac-VHT80+80	MCS0	122	5610	--	--	16.13	16.27	23.81	≤ 24.00	Pass
11ac-VHT80+80	MCS0	138	5690	16.24	15.74	--	--	23.61	≤ 24.00	Pass
11ac-VHT80+80	MCS0	138	5690	--	--	16.02	16.12	23.68	≤ 24.00	Pass
Non-contiguous 80+80 MHz mode fall within same UNII band										
11ac-VHT80+80	MCS0	106	5530	13.22	12.83	--	--	23.51	≤ 24.00	Pass
11ac-VHT80+80	MCS0	138	5690	--	--	12.72	12.78			
11ac-VHT80+80	MCS0	106	5530	--	--	12.85	12.69	23.57	≤ 24.00	Pass
11ac-VHT80+80	MCS0	138	5690	13.28	12.95	--	--			

Note 1: Total EIRP TPC Power (dBm) = $10 \cdot \log \{10^{(\text{Ant 0 TPC Power} / 10)} + 10^{(\text{Ant 1 TPC Power} / 10)} + 10^{(\text{Ant 2 TPC Power} / 10)} + 10^{(\text{Ant 3 TPC Power} / 10)}\} + \text{BF Directional Gain (dBi)}$, BF Directional Gain = 7.61dBi.

Note 2: For 802.11ac-VHT80+80 mode fall within different UNII band:

Ant 0 & Ant 1: Total EIRP TPC Power (dBm) = $10 \cdot \log \{10^{(\text{Ant 0 TPC Power} / 10)} + 10^{(\text{Ant 1 TPC Power} / 10)}\} + \text{Antenna Gain (dBi)} + \text{BF Gain (dBi)}$, Antenna Gain = 4.6 dBi, BF Gain = 0 dBi.

Ant 2 & Ant 3: Total EIRP TPC Power (dBm) = $10 \cdot \log \{10^{(\text{Ant 2 TPC Power} / 10)} + 10^{(\text{Ant 3 TPC Power} / 10)}\} + \text{Antenna Gain (dBi)} + \text{BF Gain (dBi)}$, Antenna Gain = 4.6 dBi, BF Gain = 0 dBi

For 802.11ac-VHT80+80 mode fall within same UNII band:

Total EIRP TPC Power (dBm) = $10 \cdot \log \{10^{(\text{Ant 0 TPC Power} / 10)} + 10^{(\text{Ant 1 TPC Power} / 10)} + 10^{(\text{Ant 2 TPC Power} / 10)} + 10^{(\text{Ant 3 TPC Power} / 10)}\} + \text{Antenna Gain (dBi)} + \text{BF Gain (dBi)}$, Antenna Gain = 4.6 dBi, BF Gain = 0 dBi.

10. 頻率穩定性測試結果

Test Engineer	Kevin Ker	Temperature	-30 ~ 50°C
Test Time	2017/08/27	Relative Humidity	52%RH
Test Mode	5180MHz (Carrier Mode)		

Voltage (%)	Power (VAC)	Temp (°C)	Frequency Tolerance (ppm)			
			0 minutes	2 minutes	5 minutes	10 minutes
100%	120	- 30	-4.33	-5.00	-6.59	-7.64
		- 20	-5.52	-5.51	-6.71	-7.46
		- 10	-5.46	-6.77	-6.98	-7.63
		0	-6.59	-7.07	-8.52	-7.68
		+ 10	-7.07	-7.38	-8.91	-8.71
		+ 20 (Ref)	-7.39	-7.71	-9.02	-10.11
		+ 30	-8.12	-9.05	-9.66	-9.95
		+ 40	-8.29	-9.09	-10.04	-10.96
		+ 50	-8.58	-9.82	-9.98	-10.53
115%	138	+ 20	-8.2	-8.14	-10.51	-10.21
85%	102	+ 20	-6.49	-7.58	-9.14	-10.53

Note: Frequency Tolerance (ppm) = {[Measured Frequency (Hz) - Declared Frequency (Hz)] / Declared Frequency (Hz)} *10⁶.

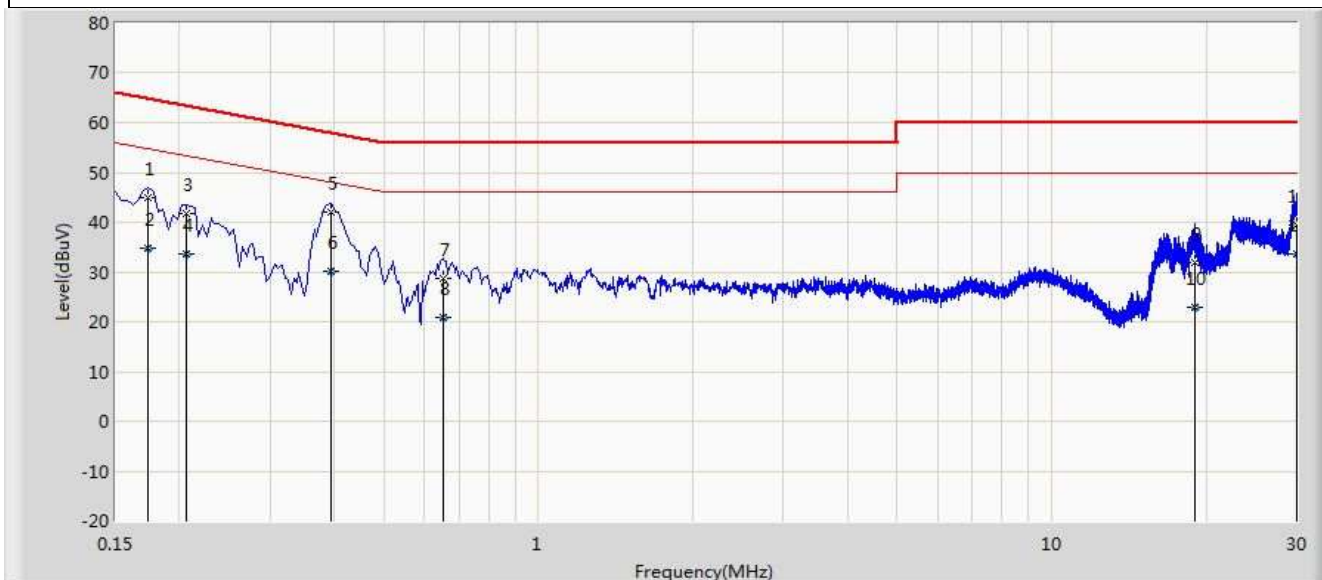
附錄 C

低功率射頻電機型式試驗測試結果

型號: APEX0377

1. 電源端點干擾測試結果

Site: SR2	Time: 2017/09/13 - 15:22
Limit: NCC LP0002_CE_0.15MHz-30MHz	Engineer: Kevin Ker
Probe: ENV216_101683_Filter On	Polarity: Line
EUT: ACCESS POINT	Power: AC 110V/60Hz
Worse Case Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 0 + 1 + 2 + 3	



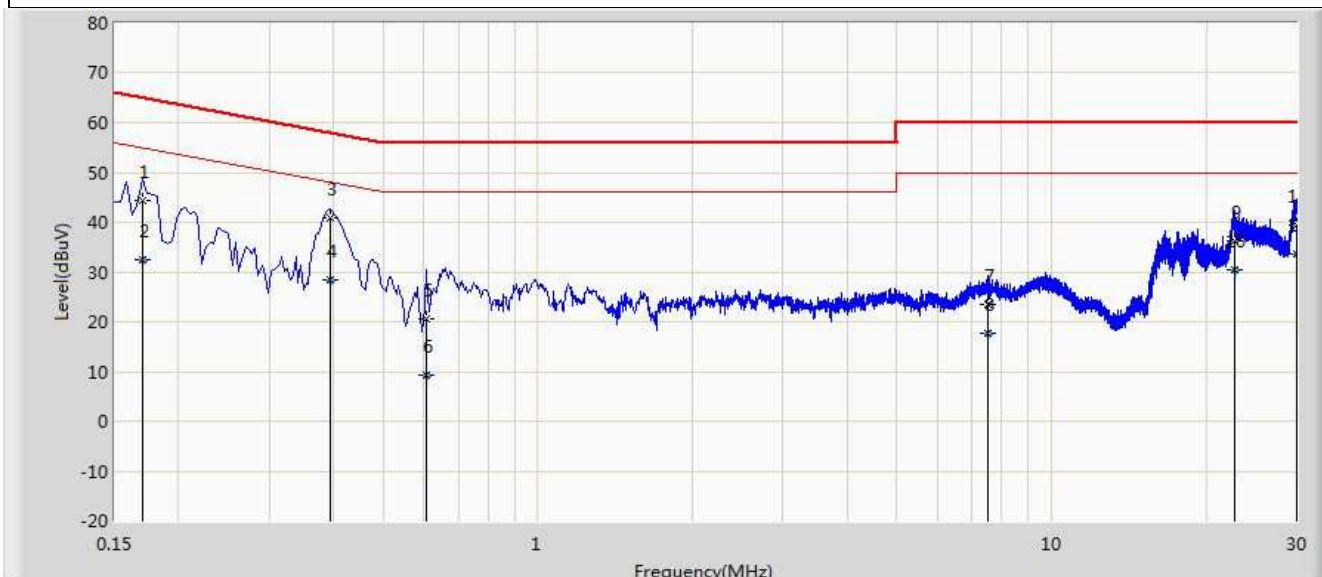
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.174	44.837	34.769	-19.930	64.767	10.068	QP
2			0.174	34.876	24.808	-19.891	54.767	10.068	AV
3			0.206	41.611	31.630	-21.754	63.365	9.981	QP
4			0.206	33.574	23.593	-19.791	53.365	9.981	AV
5		*	0.394	42.125	32.045	-15.854	57.979	10.080	QP
6			0.394	30.091	20.011	-17.888	47.979	10.080	AV
7			0.654	28.755	18.668	-27.245	56.000	10.087	QP
8			0.654	20.741	10.654	-25.259	46.000	10.087	AV

9			18.946	31.998	21.884	-28.002	60.000	10.114	QP
10			18.946	22.928	12.813	-27.072	50.000	10.114	AV
11			29.950	39.492	29.222	-20.508	60.000	10.270	QP
12			29.950	33.756	23.486	-16.244	50.000	10.270	AV

Note: Measure Level (dB μ V) = Reading Level (dB μ V) + Factor (dB)

Factor (dB) = Cable Loss (dB) + LISN Factor (dB)

Site: SR2	Time: 2017/09/13 - 15:26
Limit: NCC LP0002_CE_0.15MHz-30MHz	Engineer: Kevin Ker
Probe: ENV216_101683_Filter On	Polarity: Neutral
EUT: ACCESS POINT	Power: AC 110V/60Hz
Worse Case Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 0 + 1 + 2 + 3	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.170	44.320	34.256	-20.640	64.960	10.064	QP
2			0.170	32.536	22.472	-22.424	54.960	10.064	AV
3			0.394	40.729	30.621	-17.250	57.979	10.108	QP
4			0.394	28.435	18.327	-19.544	47.979	10.108	AV
5			0.606	20.544	10.416	-35.456	56.000	10.128	QP
6			0.606	9.244	-0.884	-36.756	46.000	10.128	AV
7			7.530	23.493	13.310	-36.507	60.000	10.183	QP
8			7.530	17.545	7.362	-32.455	50.000	10.183	AV
9			22.646	36.297	26.059	-23.703	60.000	10.238	QP
10			22.646	30.464	20.227	-19.536	50.000	10.238	AV
11			30.000	39.373	28.933	-20.627	60.000	10.440	QP
12		*	30.000	33.541	23.101	-16.459	50.000	10.440	AV

Note: Measure Level (dBμV) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + LISN Factor (dB)

2. 天線樣式

Polarization	Model No.	Frequency Band (GHz)	Max Peak Gain (dBi)	30 Degree Antenna Gain (dBi)	BF Directional Gain (dBi)	CDD Directional Gain (dBi)	
						For Power	For PSD
Wi-Fi Internal Antenna List (2.4GHz 2*2 MIMO, 5GHz 4*4 MIMO)							
Directional (Note 3)	AP-377	2.4	6.4	N/A	6.40	6.4	6.40
Directional (Note 3)	AP-377	5	6.3	4.7	9.31	6.3	9.31
Bluetooth Internal Antenna							
PCB	AP-377	2.4	6.7				

Note:

- The EUT supports Cyclic Delay Diversity (CDD) mode, and CDD signals are correlated.
For CDD transmissions, directional gain is calculated as follows, $N_{ANT} = 2$, $N_{SS} = 1$.
If all antennas have the same gain, G_{ANT} , Directional gain = $G_{ANT} + \text{Array Gain}$, where Array Gain is as follows.
 - For power spectral density (PSD) measurements on all devices,
Array Gain = $10 \log (N_{ANT} / N_{SS}) \text{ dB} = 3.01$;
 - For power measurements on IEEE 802.11 devices,
Array Gain = 0 dB for $N_{ANT} \leq 4$;
- The EUT also supports Beam Forming mode, and the Beam Forming support 802.11n/ac, not include 802.11a/b/g.
Directional gain = $G_{ANT} + \text{BF Gain}$, BF Gain was declared by the applicant.
- These antennas have Cross-Polarized design, the detail see the antenna specification.

3. 功率限制值測試結果

Power output test was verified over all data rates of each mode shown as below table, and then choose the maximum power output (gray marker) for final test of each channel.

For Ant 0 / Ant 0 + 1 + 2 + 3 port:

Test Mode	Bandwidth	Channel	Frequency (MHz)	Data Rate/ MCS	Average Power (dBm)
802.11a	20	36	5180	6Mbps	8.53
				24Mbps	8.23
				54Mbps	8.03
802.11n	20	36	5180	MCS0	8.41
				MCS3	8.19
				MCS7	7.97
802.11n	40	38	5190	MCS0	8.46
				MCS3	8.18
				MCS7	7.93
802.11ac	20	36	5180	MCS0	9.01
				MCS4	8.85
				MCS8	8.59
802.11ac	40	38	5190	MCS0	8.41
				MCS4	8.25
				MCS9	8.02
802.11ac	80	42	5210	MCS0	8.64
				MCS4	8.38
				MCS9	8.05
802.11ac	80+80 Non-contiguous	42	5210	MCS0	8.53
				MCS4	8.23
				MCS9	8.03
802.11ac	80+80 Contiguous	42	5210	MCS0	8.41
				MCS4	8.19
				MCS9	7.97

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kevin Ker	Relative Humidity	59%
Test Site	SR2	Test Date	2017/08/15
Test Item	Output Power		

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	E.I.R.P. Above 30 Degree Angle (dBm)		Result
										Max E.I.R.P.	Limit	
Ant 0 + 1 + 2 + 3 (CDD Mode)												
11a	6Mbps	36	5180	8.53	8.02	8.26	8.41	14.33	≤ 29.70	20.63	≤ 21.00	Pass
11a	6Mbps	44	5220	8.54	8.11	7.97	8.24	14.24	≤ 29.70	20.54	≤ 21.00	Pass
11a	6Mbps	48	5240	8.41	7.97	8.24	7.95	14.17	≤ 29.70	20.47	≤ 21.00	Pass
11a	6Mbps	52	5260	12.04	11.86	12.18	12.42	18.15	≤ 23.58	--	--	Pass
11a	6Mbps	60	5300	12.14	11.86	12.26	12.39	18.19	≤ 23.58	--	--	Pass
11a	6Mbps	64	5320	12.33	12.18	12.40	12.49	18.37	≤ 23.58	--	--	Pass
11a	6Mbps	100	5500	12.24	11.88	12.24	12.14	18.15	≤ 23.58	--	--	Pass
11a	6Mbps	120	5600	11.26	11.42	11.25	11.98	17.51	≤ 23.58	--	--	Pass
11a	6Mbps	140	5700	11.43	11.69	11.21	11.75	17.55	≤ 23.58	--	--	Pass
11a	6Mbps	144	5720	11.83	12.10	11.66	12.08	17.94	≤ 23.58	--	--	Pass
11a	6Mbps	149	5745	22.39	22.44	22.17	21.68	28.20	≤ 29.70	--	--	Pass
11a	6Mbps	157	5785	22.49	22.51	22.31	21.83	28.31	≤ 29.70	--	--	Pass
11a	6Mbps	165	5825	22.36	22.42	22.24	21.74	28.22	≤ 29.70	--	--	Pass

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	Ant 0 Average Power (dBm)	Ant 1 Average Power (dBm)	Ant 2 Average Power (dBm)	Ant 3 Average Power (dBm)	Total Average Power (dBm)	Average Power Limit (dBm)	E.I.R.P. Above 30 Degree Angle (dBm)		Result
										Max	Limit	
										E.I.R.P.		
Ant 0 + 1 + 2 + 3 (CDD Mode)												
11n-HT20	MCS0	36	5180	8.41	7.90	7.82	8.20	14.11	≤ 29.70	20.41	≤ 21.00	Pass
11n-HT20	MCS0	44	5220	8.45	7.65	7.95	8.22	14.10	≤ 29.70	20.40	≤ 21.00	Pass
11n-HT20	MCS0	48	5240	8.11	8.01	7.85	8.04	14.02	≤ 29.70	20.32	≤ 21.00	Pass
11n-HT20	MCS0	52	5260	12.32	12.16	12.21	12.59	18.34	≤ 23.68	--	--	Pass
11n-HT20	MCS0	60	5300	12.30	12.27	12.26	12.54	18.36	≤ 23.68	--	--	Pass
11n-HT20	MCS0	64	5320	12.43	12.31	12.45	12.65	18.48	≤ 23.68	--	--	Pass
11n-HT20	MCS0	100	5500	12.32	12.01	12.15	12.34	18.23	≤ 23.68	--	--	Pass
11n-HT20	MCS0	120	5600	11.66	11.46	11.59	12.19	17.75	≤ 23.68	--	--	Pass
11n-HT20	MCS0	140	5700	11.89	11.98	11.65	12.08	17.92	≤ 23.68	--	--	Pass
11n-HT20	MCS0	144	5720	11.71	11.84	11.51	11.92	17.77	≤ 23.68	--	--	Pass
11n-HT20	MCS0	149	5745	22.12	22.31	21.72	22.03	28.07	≤ 29.70	--	--	Pass
11n-HT20	MCS0	157	5785	22.44	22.54	21.98	22.15	28.30	≤ 29.70	--	--	Pass
11n-HT20	MCS0	165	5825	22.38	22.47	22.12	21.96	28.26	≤ 29.70	--	--	Pass
11n-HT40	MCS0	38	5190	8.46	7.95	8.05	8.22	14.19	≤ 29.70	20.49	≤ 21.00	Pass
11n-HT40	MCS0	46	5230	8.31	7.94	8.03	8.04	14.10	≤ 29.70	20.40	≤ 21.00	Pass
11n-HT40	MCS0	54	5270	14.94	14.76	14.91	15.26	20.99	≤ 23.68	--	--	Pass
11n-HT40	MCS0	62	5310	14.91	14.84	14.98	15.17	21.00	≤ 23.68	--	--	Pass
11n-HT40	MCS0	102	5510	15.03	14.75	14.87	14.96	20.92	≤ 23.68	--	--	Pass
11n-HT40	MCS0	118	5590	14.90	14.72	15.18	15.05	20.99	≤ 23.68	--	--	Pass
11n-HT40	MCS0	134	5670	15.18	14.95	14.86	15.22	21.08	≤ 23.68	--	--	Pass
11n-HT40	MCS0	142	5710	14.42	10.39	14.22	14.56	19.71	≤ 23.68	--	--	Pass
11n-HT40	MCS0	151	5755	21.80	22.41	22.31	21.75	28.10	≤ 29.70	--	--	Pass
11n-HT40	MCS0	159	5795	22.36	22.59	22.25	22.53	28.46	≤ 29.70	--	--	Pass

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	Ant 0	Ant 1	Ant 2	Ant 3	Total	Average	E.I.R.P.		Result
				Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Power Limit (dBm)	Above 30 Degree Angle (dBm)		
										Max E.I.R.P.	Limit	
Ant 0 + 1 + 2 + 3 (CDD Mode)												
11ac-VHT20	MCS0	36	5180	9.01	8.10	8.34	8.71	14.57	≤ 29.70	20.87	≤ 21.00	Pass
11ac-VHT20	MCS0	44	5220	9.02	8.12	8.42	8.56	14.56	≤ 29.70	20.86	≤ 21.00	Pass
11ac-VHT20	MCS0	48	5240	8.74	8.31	8.52	8.48	14.54	≤ 29.70	20.84	≤ 21.00	Pass
11ac-VHT20	MCS0	52	5260	12.44	12.56	12.53	13.03	18.67	≤ 23.68	--	--	Pass
11ac-VHT20	MCS0	60	5300	12.13	12.42	12.43	12.86	18.49	≤ 23.68	--	--	Pass
11ac-VHT20	MCS0	64	5320	12.28	12.56	12.62	12.89	18.61	≤ 23.68	--	--	Pass
11ac-VHT20	MCS0	100	5500	12.30	12.22	12.29	12.38	18.32	≤ 23.68	--	--	Pass
11ac-VHT20	MCS0	120	5600	11.85	11.80	11.87	12.18	17.95	≤ 23.68	--	--	Pass
11ac-VHT20	MCS0	140	5700	12.01	12.07	11.93	11.87	17.99	≤ 23.68	--	--	Pass
11ac-VHT20	MCS0	144	5720	11.76	11.96	11.81	11.67	17.82	≤ 23.68	--	--	Pass
11ac-VHT20	MCS0	149	5745	22.11	22.42	21.89	22.35	28.22	≤ 29.70	--	--	Pass
11ac-VHT20	MCS0	157	5785	22.57	22.56	22.23	22.06	28.38	≤ 29.70	--	--	Pass
11ac-VHT20	MCS0	165	5825	22.63	22.50	22.26	22.16	28.41	≤ 29.70	--	--	Pass
11ac-VHT40	MCS0	38	5190	8.41	7.92	8.15	8.23	14.20	≤ 29.70	20.50	≤ 21.00	Pass
11ac-VHT40	MCS0	46	5230	8.40	7.94	7.85	7.94	14.06	≤ 29.70	20.36	≤ 21.00	Pass
11ac-VHT40	MCS0	54	5270	15.12	15.18	15.06	15.44	21.22	≤ 23.68	--	--	Pass
11ac-VHT40	MCS0	62	5310	15.14	15.11	14.93	15.42	21.17	≤ 23.68	--	--	Pass
11ac-VHT40	MCS0	102	5510	15.22	14.97	14.93	15.03	21.06	≤ 23.68	--	--	Pass
11ac-VHT40	MCS0	118	5590	14.72	14.56	14.83	14.80	20.75	≤ 23.68	--	--	Pass
11ac-VHT40	MCS0	134	5670	15.03	14.72	14.53	15.08	20.87	≤ 23.68	--	--	Pass
11ac-VHT40	MCS0	142	5710	14.70	14.75	14.50	15.04	20.77	≤ 23.68	--	--	Pass
11ac-VHT40	MCS0	151	5755	22.03	22.52	22.24	21.86	28.19	≤ 29.70	--	--	Pass
11ac-VHT40	MCS0	159	5795	22.41	22.61	22.35	22.46	28.48	≤ 29.70	--	--	Pass
11ac-VHT80	MCS0	42	5210	8.64	7.91	8.03	8.07	14.19	≤ 29.70	20.49	≤ 21.00	Pass
11ac-VHT80	MCS0	58	5290	17.09	17.32	17.33	17.42	23.31	≤ 23.68	--	--	Pass
11ac-VHT80	MCS0	106	5530	17.28	17.23	17.26	17.21	23.27	≤ 23.68	--	--	Pass
11ac-VHT80	MCS0	122	5610	17.26	17.20	16.95	17.30	23.20	≤ 23.68	--	--	Pass
11ac-VHT80	MCS0	138	5690	17.56	17.32	17.11	17.61	23.43	≤ 23.68	--	--	Pass
11ac-VHT80	MCS0	155	5775	19.74	20.26	20.02	19.28	25.86	≤ 29.70	--	--	Pass

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	E.I.R.P. Above 30 Degree Angle (dBm)		Result
				Ant 0	Ant 1	Ant 2	Ant 3	Total				
				Max E.I.R.P.	Limit							
Non-contiguous 80+80 MHz mode fall within different UNII band												
11ac-VHT80+80	MCS0	42	5210	11.50	10.87	--	--	14.21	≤ 29.70	20.51	≤ 21.00	Pass
11ac-VHT80+80	MCS0	42	5210	--	--	11.23	11.26	14.26	≤ 29.70	20.56	≤ 21.00	Pass
11ac-VHT80+80	MCS0	58	5290	20.55	20.02	--	--	23.30	≤ 23.68	--	--	Pass
11ac-VHT80+80	MCS0	58	5290	--	--	20.38	20.76	23.58	≤ 23.68	--	--	Pass
11ac-VHT80+80	MCS0	106	5530	20.83	19.85	--	--	23.38	≤ 23.68	--	--	Pass
11ac-VHT80+80	MCS0	106	5530	--	--	20.20	20.26	23.24	≤ 23.68	--	--	Pass
11ac-VHT80+80	MCS0	122	5610	20.67	19.84	--	--	23.29	≤ 23.68	--	--	Pass
11ac-VHT80+80	MCS0	122	5610	--	--	20.19	20.40	23.31	≤ 23.68	--	--	Pass
11ac-VHT80+80	MCS0	138	5690	20.83	19.79	--	--	23.35	≤ 23.68	--	--	Pass
11ac-VHT80+80	MCS0	138	5690	--	--	20.18	20.46	23.33	≤ 23.68	--	--	Pass
11ac-VHT80+80	MCS0	155	5775	22.45	21.03	--	--	24.81	≤ 29.70	--	--	Pass
11ac-VHT80+80	MCS0	155	5775	--	--	22.03	22.17	25.11	≤ 29.70	--	--	Pass
Non-contiguous 80+80MHz mode fall within same UNII band												
11ac-VHT80+80	MCS0	106	5530	17.98	16.85	--	--	23.25	≤ 23.98	--	--	Pass
11ac-VHT80+80	MCS0	138	5690	--	--	17.03	16.98					
11ac-VHT80+80	MCS0	106	5530	--	--	16.86	16.87	23.26	≤ 23.98	--	--	Pass
11ac-VHT80+80	MCS0	138	5690	18.02	17.09	--	--					
11ac-VHT80+80 (Contiguous 80+80 MHz mode)												
11ac-VHT80+80	MCS0	42	5210	11.97	11.16	--	--	14.59	≤ 29.70	20.89	≤ 21.00	Pass
	MCS0	58	5290	--	--	11.46	11.52	14.50	≤ 23.68	--	--	Pass
11ac-VHT80+80	MCS0	106	5530	18.27	17.23	--	--	23.54	≤ 23.68	--	--	Pass
	MCS0	122	5610	--	--	17.21	17.27					

Note 1: Total Average Power (dBm) = $10 \cdot \log \{10^{(\text{Ant 0 Average Power} / 10)} + 10^{(\text{Ant 1 Average Power} / 10)} + 10^{(\text{Ant 2 Average Power} / 10)} + 10^{(\text{Ant 3 Average Power} / 10)}\}$.

Note 2: For 802.11ac-VHT80+80 mode fall within different UNII band:

Ant 0 & Ant 1: Total Average Power (dBm) = $10 \cdot \log \{10^{(\text{Ant 0 Average Power} / 10)} + 10^{(\text{Ant 1 Average Power} / 10)}\}$ (dBm)

Ant 2 & Ant 3: Total Average Power (dBm) = $10 \cdot \log \{10^{(\text{Ant 2 Average Power} / 10)} + 10^{(\text{Ant 3 Average Power} / 10)}\}$ (dBm)

For 802.11ac-VHT80+80 mode fall within same UNII band:

Total Average Power (dBm) = $10 \cdot \log \{10^{(\text{Ant 0 Average Power} / 10)} + 10^{(\text{Ant 1 Average Power} / 10)} + 10^{(\text{Ant 2 Average Power} / 10)} + 10^{(\text{Ant 3 Average Power} / 10)}\}$.

Note 3: For 802.11ac-VHT80+80 Contiguous Mode:

5210MHz fall within UNII-1: Total Average Power (dBm) = $10 \cdot \log \{10^{(\text{Ant 0 Average Power} / 10)} + 10^{(\text{Ant 1 Average Power} / 10)}\}$.

5290MHz fall within UNII-2A: Total Average Power (dBm) = $10 \cdot \log \{10^{(\text{Ant 2 Average Power} / 10)} + 10^{(\text{Ant 3 Average Power} / 10)}\}$.

5530MHz & 5610MHz Fall within UNII-2C: Total Average Power (dBm) = $10 \cdot \log \{10^{(\text{Ant 0 Average Power} / 10)} + 10^{(\text{Ant 1 Average Power} / 10)} + 10^{(\text{Ant 2 Average Power} / 10)} + 10^{(\text{Ant 3 Average Power} / 10)}\}$.

Note 4: Max EIRP (dBm) = Total Average Power (dBm) + 30 Degree Antenna Gain (dBi),

30 Degree Antenna Gain (dBi) = 6.3dBi.

Note 5: Average Power Limit Calculation as below:

For 5150-5250MHz & 5725-5850: Limit = 30dBm - (6.3 dBi - 6.0 dBi) = 29.70dBm.

For 5250-5350MHz & 5470-5725MHz:

802.11a: Limit = $[11 + 10 \cdot \log (19.43\text{MHz})] - (6.3\text{dBi} - 6\text{dBi}) = 23.58 \text{ dBm}$.

802.11n/ac: Limit = 23.98dBm - (6.3dBi - 6dBi) = 23.68 dBm.

EIRP Limit Calculation as below:

For 5150-5250MHz: Limit = 21.00dBm.

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	Ant 0 Average Power (dBm)	Ant 1 Average Power (dBm)	Ant 2 Average Power (dBm)	Ant 3 Average Power (dBm)	Total Average Power (dBm)	Average Power Limit (dBm)	E.I.R.P. Above 30 Degree Angle (dBm)		Result
										Max	Limit	
										E.I.R.P.		
Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)												
11n-HT20	MCS0	36	5180	5.53	4.64	5.23	5.02	11.14	≤ 26.69	20.45	≤ 21.00	Pass
11n-HT20	MCS0	44	5220	5.36	4.72	5.12	5.15	11.11	≤ 26.69	20.42	≤ 21.00	Pass
11n-HT20	MCS0	48	5240	5.73	5.22	5.53	5.45	11.51	≤ 26.69	20.82	≤ 21.00	Pass
11n-HT20	MCS0	52	5260	12.32	12.16	12.21	12.59	18.34	≤ 20.67	--	--	Pass
11n-HT20	MCS0	60	5300	12.30	12.27	12.26	12.54	18.36	≤ 20.67	--	--	Pass
11n-HT20	MCS0	64	5320	12.43	12.31	12.45	12.65	18.48	≤ 20.67	--	--	Pass
11n-HT20	MCS0	100	5500	12.32	12.01	12.15	12.34	18.23	≤ 20.67	--	--	Pass
11n-HT20	MCS0	120	5600	11.66	11.46	11.59	12.19	17.75	≤ 20.67	--	--	Pass
11n-HT20	MCS0	140	5700	11.89	11.98	11.65	12.08	17.92	≤ 20.67	--	--	Pass
11n-HT20	MCS0	144	5720	11.71	11.84	11.51	11.92	17.77	≤ 20.67	--	--	Pass
11n-HT20	MCS0	149	5745	20.81	19.80	19.65	19.75	26.05	≤ 26.69	--	--	Pass
11n-HT20	MCS0	157	5785	21.22	19.85	19.62	19.92	26.22	≤ 26.69	--	--	Pass
11n-HT20	MCS0	165	5825	21.26	19.92	19.60	19.92	26.24	≤ 26.69	--	--	Pass
11n-HT40	MCS0	38	5190	5.89	5.25	5.48	5.88	11.65	≤ 26.69	20.96	≤ 21.00	Pass
11n-HT40	MCS0	46	5230	5.72	5.37	5.35	5.72	11.56	≤ 26.69	20.87	≤ 21.00	Pass
11n-HT40	MCS0	54	5270	14.12	14.22	14.13	14.46	20.26	≤ 20.67	--	--	Pass
11n-HT40	MCS0	62	5310	13.96	14.20	14.10	14.45	20.20	≤ 20.67	--	--	Pass
11n-HT40	MCS0	102	5510	14.12	13.96	14.03	14.05	20.06	≤ 20.67	--	--	Pass
11n-HT40	MCS0	118	5590	14.23	14.06	14.35	14.25	20.24	≤ 20.67	--	--	Pass
11n-HT40	MCS0	134	5670	14.56	14.26	14.16	14.56	20.41	≤ 20.67	--	--	Pass
11n-HT40	MCS0	142	5710	14.42	10.39	14.22	14.56	19.71	≤ 20.67	--	--	Pass
11n-HT40	MCS0	151	5755	21.43	20.21	20.07	20.15	26.52	≤ 26.69	--	--	Pass
11n-HT40	MCS0	159	5795	21.45	19.94	19.75	19.91	26.34	≤ 26.69	--	--	Pass

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	Ant 0	Ant 1	Ant 2	Ant 3	Total	Average	E.I.R.P.		Result
				Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Power Limit (dBm)	Above 30 Degree Angle (dBm)		
										Max E.I.R.P.	Limit	
Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)												
11ac-VHT20	MCS0	36	5180	5.39	4.92	5.09	5.34	11.21	≤ 26.69	20.52	≤ 21.00	Pass
11ac-VHT20	MCS0	44	5220	5.42	4.93	4.95	5.17	11.14	≤ 26.69	20.45	≤ 21.00	Pass
11ac-VHT20	MCS0	48	5240	5.41	5.08	5.39	5.49	11.37	≤ 26.69	20.68	≤ 21.00	Pass
11ac-VHT20	MCS0	52	5260	12.44	12.56	12.53	13.03	18.67	≤ 20.67	--	--	Pass
11ac-VHT20	MCS0	60	5300	12.13	12.42	12.43	12.86	18.49	≤ 20.67	--	--	Pass
11ac-VHT20	MCS0	64	5320	12.28	12.56	12.62	12.89	18.61	≤ 20.67	--	--	Pass
11ac-VHT20	MCS0	100	5500	12.30	12.22	12.29	12.38	18.32	≤ 20.67	--	--	Pass
11ac-VHT20	MCS0	120	5600	11.85	11.80	11.87	12.18	17.95	≤ 20.67	--	--	Pass
11ac-VHT20	MCS0	140	5700	12.01	12.07	11.93	11.87	17.99	≤ 20.67	--	--	Pass
11ac-VHT20	MCS0	144	5720	11.76	11.96	11.81	11.67	17.82	≤ 20.67	--	--	Pass
11ac-VHT20	MCS0	149	5745	21.33	20.21	19.92	20.03	26.43	≤ 26.69	--	--	Pass
11ac-VHT20	MCS0	157	5785	21.27	19.95	19.58	19.88	26.24	≤ 26.69	--	--	Pass
11ac-VHT20	MCS0	165	5825	21.62	20.16	19.86	20.09	26.51	≤ 26.69	--	--	Pass
11ac-VHT40	MCS0	38	5190	5.65	5.56	5.50	5.72	11.63	≤ 26.69	20.94	≤ 21.00	Pass
11ac-VHT40	MCS0	46	5230	5.94	5.33	5.35	5.68	11.60	≤ 26.69	20.91	≤ 21.00	Pass
11ac-VHT40	MCS0	54	5270	14.20	14.22	14.10	14.32	20.23	≤ 20.67	--	--	Pass
11ac-VHT40	MCS0	62	5310	14.11	14.15	14.06	14.40	20.20	≤ 20.67	--	--	Pass
11ac-VHT40	MCS0	102	5510	14.16	14.05	14.06	14.21	20.14	≤ 20.67	--	--	Pass
11ac-VHT40	MCS0	118	5590	14.20	14.11	14.36	14.26	20.25	≤ 20.67	--	--	Pass
11ac-VHT40	MCS0	134	5670	14.58	14.20	14.16	14.58	20.41	≤ 20.67	--	--	Pass
11ac-VHT40	MCS0	142	5710	14.27	14.18	14.14	14.40	20.27	≤ 20.67	--	--	Pass
11ac-VHT40	MCS0	151	5755	21.49	20.12	20.11	20.13	26.53	≤ 26.69	--	--	Pass
11ac-VHT40	MCS0	159	5795	21.43	19.86	19.76	19.99	26.34	≤ 26.69	--	--	Pass
11ac-VHT80	MCS0	42	5210	5.47	5.03	5.10	5.27	11.24	≤ 26.69	20.55	≤ 21.00	Pass
11ac-VHT80	MCS0	58	5290	14.20	14.33	14.26	14.55	20.36	≤ 20.67	--	--	Pass
11ac-VHT80	MCS0	106	5530	14.34	14.18	14.31	14.32	20.31	≤ 20.67	--	--	Pass
11ac-VHT80	MCS0	122	5610	14.37	14.29	13.96	14.65	20.35	≤ 20.67	--	--	Pass
11ac-VHT80	MCS0	138	5690	14.67	14.22	14.07	14.66	20.43	≤ 20.67	--	--	Pass
11ac-VHT80	MCS0	155	5775	21.20	20.04	19.91	20.02	26.35	≤ 26.69	--	--	Pass

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	Ant 0 Average Power (dBm)	Ant 1 Average Power (dBm)	Ant 2 Average Power (dBm)	Ant 3 Average Power (dBm)	Total Average Power (dBm)	Average Power Limit (dBm)	E.I.R.P. Above 30 Degree Angle (dBm)		Result
										Max E.I.R.P.	Limit	
Non-contiguous 80+80 MHz mode fall within different UNII band												
11ac-VHT80+80	MCS0	42	5210	11.50	10.87	--	--	14.21	≤ 29.70	20.51	≤ 21.00	Pass
11ac-VHT80+80	MCS0	42	5210	--	--	11.23	11.26	14.26	≤ 29.70	20.56	≤ 21.00	Pass
11ac-VHT80+80	MCS0	58	5290	20.55	20.02	--	--	23.30	≤ 23.68	--	--	Pass
11ac-VHT80+80	MCS0	58	5290	--	--	20.38	20.76	23.58	≤ 23.68	--	--	Pass
11ac-VHT80+80	MCS0	106	5530	20.83	19.85	--	--	23.38	≤ 23.68	--	--	Pass
11ac-VHT80+80	MCS0	106	5530	--	--	20.20	20.26	23.24	≤ 23.68	--	--	Pass
11ac-VHT80+80	MCS0	122	5610	20.67	19.84	--	--	23.29	≤ 23.68	--	--	Pass
11ac-VHT80+80	MCS0	122	5610	--	--	20.19	20.40	23.31	≤ 23.68	--	--	Pass
11ac-VHT80+80	MCS0	138	5690	20.83	19.79	--	--	23.35	≤ 23.68	--	--	Pass
11ac-VHT80+80	MCS0	138	5690	--	--	20.18	20.46	23.33	≤ 23.68	--	--	Pass
11ac-VHT80+80	MCS0	155	5775	22.45	21.03	--	--	24.81	≤ 29.70	--	--	Pass
11ac-VHT80+80	MCS0	155	5775	--	--	22.03	22.17	25.11	≤ 29.70	--	--	Pass
Non-contiguous 80+80 MHz mode fall within same UNII band												
11ac-VHT80+80	MCS0	106	5530	17.98	16.85	--	--	23.25	≤ 23.98	--	--	Pass
11ac-VHT80+80	MCS0	138	5690	--	--	17.03	16.98					
11ac-VHT80+80	MCS0	106	5530	--	--	16.86	16.87	23.26	≤ 23.98	--	--	Pass
11ac-VHT80+80	MCS0	138	5690	18.02	17.09	--	--					

Note 1: Total Average Power (dBm) = $10 \cdot \log \{10^{(\text{Ant 0 Average Power} / 10)} + 10^{(\text{Ant 1 Average Power} / 10)} + 10^{(\text{Ant 2 Average Power} / 10)} + 10^{(\text{Ant 3 Average Power} / 10)}\}$.

Note 2: For 802.11ac-VHT80+80 mode fall within different UNII band:

Ant 0 & Ant 1: Total Average Power (dBm) = $10 \cdot \log \{10^{(\text{Ant 0 Average Power} / 10)} + 10^{(\text{Ant 1 Average Power} / 10)}\}$ (dBm)

Ant 2 & Ant 3: Total Average Power (dBm) = $10 \cdot \log \{10^{(\text{Ant 2 Average Power} / 10)} + 10^{(\text{Ant 3 Average Power} / 10)}\}$ (dBm)

For 802.11ac-VHT80+80 mode fall within same UNII band:

Total Average Power (dBm) = $10 \cdot \log \{10^{(\text{Ant 0 Average Power} / 10)} + 10^{(\text{Ant 1 Average Power} / 10)} + 10^{(\text{Ant 2 Average Power} / 10)} + 10^{(\text{Ant 3 Average Power} / 10)}\}$.

Note 3: Max EIRP (dBm) = Total Average Power (dBm) + 30 Degree Antenna Gain (dBi) + Beam-Forming Gain (dBi), 30 Degree Antenna Gain = -4dBi, Beam-Forming Gain (dBi) = 3.0 dBi.

Note 4: Average Power Limit Calculation as below:

For 5150-5250MHz & 5725-5850MHz:

Limit (dBm) = 30dBm - (6.3dBi + 3.01dBi - 6dBi) = 26.69dBm

For 802.11ac-VHT80+80: Limit (dBm) = $30\text{dBm} - (6.3\text{dBi} - 6\text{dBi}) = 29.70\text{dBm}$.

For 5250-5350MHz & 5470-5725MHz:

802.11n-HT20/n-HT40/ac-VHT20/ac-VHT40/ac-VHT80:

Limit = $23.98\text{dBm} - (6.3\text{ dBi} + 3.01\text{ dBi} - 6\text{ dBi}) = 20.67\text{ dBm}$.

802.11ac-VHT80+80: Limit = $23.98\text{dBm} - (6.3\text{ dBi} - 6\text{ dBi}) = 23.68\text{ dBm}$.

EIRP Limit Calculation as below:

For 5150-5250MHz: Limit = 21.00dBm .

4. 26dB 佔用頻寬測試結果

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kevin Ker	Relative Humidity	59%
Test Site	SR2	Test Date	2017/08/23

Test Mode	Data Rate/ MCS	Channel No.	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
Ant 0 / Ant 0 + 1 + 2 + 3					
802.11a	6Mbps	36	5180	19.64	16.43
802.11a	6Mbps	44	5220	19.46	16.40
802.11a	6Mbps	48	5240	19.51	16.38
802.11a	6Mbps	52	5260	19.43	16.40
802.11a	6Mbps	60	5300	19.60	16.42
802.11a	6Mbps	64	5320	20.15	16.45
802.11a	6Mbps	100	5500	19.90	16.46
802.11a	6Mbps	120	5600	19.69	16.37
802.11a	6Mbps	140	5700	20.05	16.48
802.11a	6Mbps	144	5720	20.21	16.52
802.11a	6Mbps	149	5745	20.15	16.51
802.11a	6Mbps	157	5785	20.26	16.53
802.11a	6Mbps	165	5825	20.08	16.51
802.11n-HT20	MCS0	36	5180	20.68	17.59
802.11n-HT20	MCS0	44	5220	20.33	17.59
802.11n-HT20	MCS0	48	5240	20.46	17.57
802.11n-HT20	MCS0	52	5260	20.45	17.58
802.11n-HT20	MCS0	60	5300	20.50	17.61
802.11n-HT20	MCS0	64	5320	20.83	17.61
802.11n-HT20	MCS0	100	5500	20.67	17.66
802.11n-HT20	MCS0	120	5600	20.28	17.53
802.11n-HT20	MCS0	140	5700	20.75	17.66
802.11n-HT20	MCS0	144	5720	20.83	17.62
802.11n-HT20	MCS0	149	5745	20.67	17.62
802.11n-HT20	MCS0	157	5785	20.80	17.61
802.11n-HT20	MCS0	165	5825	20.93	17.62

Test Mode	Data Rate/ MCS	Channel No.	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
Ant 0 / Ant 0 + 1 + 2 + 3					
802.11n-HT40	MCS0	38	5190	39.74	35.94
802.11n-HT40	MCS0	46	5230	39.76	35.93
802.11n-HT40	MCS0	54	5270	39.78	35.97
802.11n-HT40	MCS0	62	5310	39.91	36.00
802.11n-HT40	MCS0	102	5510	39.67	35.95
802.11n-HT40	MCS0	118	5590	39.82	35.96
802.11n-HT40	MCS0	134	5670	39.94	35.98
802.11n-HT40	MCS0	142	5710	39.78	35.94
802.11n-HT40	MCS0	151	5755	39.90	36.03
802.11n-HT40	MCS0	159	5795	39.92	35.99
802.11ac-VHT20	MCS0	36	5180	20.55	17.60
802.11ac-VHT20	MCS0	44	5220	20.98	17.60
802.11ac-VHT20	MCS0	48	5240	20.55	17.58
802.11ac-VHT20	MCS0	52	5260	20.42	17.57
802.11ac-VHT20	MCS0	60	5300	20.59	17.61
802.11ac-VHT20	MCS0	64	5320	20.52	17.63
802.11ac-VHT20	MCS0	100	5500	20.63	17.66
802.11ac-VHT20	MCS0	120	5600	20.45	17.54
802.11ac-VHT20	MCS0	140	5700	20.86	17.65
802.11ac-VHT20	MCS0	144	5720	20.68	17.66
802.11ac-VHT20	MCS0	149	5745	20.73	17.70
802.11ac-VHT20	MCS0	157	5785	21.01	17.68
802.11ac-VHT20	MCS0	165	5825	20.95	17.66
802.11ac-VHT40	MCS0	38	5190	39.71	35.99
802.11ac-VHT40	MCS0	46	5230	39.66	36.00
802.11ac-VHT40	MCS0	54	5270	39.69	36.02
802.11ac-VHT40	MCS0	62	5310	39.96	35.93
802.11ac-VHT40	MCS0	102	5510	39.44	35.92
802.11ac-VHT40	MCS0	118	5590	39.57	36.06
802.11ac-VHT40	MCS0	134	5670	39.58	35.98
802.11ac-VHT40	MCS0	142	5710	39.78	35.89
802.11ac-VHT40	MCS0	151	5755	39.18	35.82
802.11ac-VHT40	MCS0	159	5795	39.71	35.86

Test Mode	Data Rate/ MCS	Channel No.	Frequency (MHz)	26dB Bandwidth (MHz)	99% Bandwidth (MHz)
Ant 0 / Ant 0 + 1 + 2 + 3					
802.11ac-VHT80	MCS0	42	5210	82.58	75.81
802.11ac-VHT80	MCS0	58	5290	82.73	75.78
802.11ac-VHT80	MCS0	106	5530	83.16	75.81
802.11ac-VHT80	MCS0	122	5610	82.74	75.85
802.11ac-VHT80	MCS0	138	5690	83.19	75.79
802.11ac-VHT80	MCS0	155	5775	82.24	75.59
Ant 0 / Ant 0 + 1 (Ant 0 + 1 + 2 + 3)					
802.11ac-VHT80+80	MCS0	42	5210	83.58	75.75
802.11ac-VHT80+80	MCS0	58	5290	83.17	75.77
802.11ac-VHT80+80	MCS0	106	5530	83.50	75.74
802.11ac-VHT80+80	MCS0	122	5610	83.89	75.87
802.11ac-VHT80+80	MCS0	138	5690	84.03	75.86
802.11ac-VHT80+80	MCS0	155	5775	83.59	75.75
Ant 3 / Ant 2 + 3 (Ant 0 + 1 + 2 + 3)					
802.11ac-VHT80+80	MCS0	42	5210	83.77	75.82
802.11ac-VHT80+80	MCS0	58	5290	84.18	75.83
802.11ac-VHT80+80	MCS0	106	5530	84.14	75.90
802.11ac-VHT80+80	MCS0	122	5610	84.58	75.99
802.11ac-VHT80+80	MCS0	138	5690	84.02	75.95
802.11ac-VHT80+80	MCS0	155	5775	84.01	75.70
Ant 0 + 1 + 2 + 3					
802.11ac-VHT80+80 Contiguous	MCS0	42	5210	162.45	155.64
	MCS0	58	5290		
802.11ac-VHT80+80 Contiguous	MCS0	106	5530	163.49	155.77
	MCS0	122	5610		
Note: The detail calculation see page 34.					

802.11a 26dB Bandwidth & 99% Bandwidth - Ant 0 / Ant 0 + 1 + 2 + 3

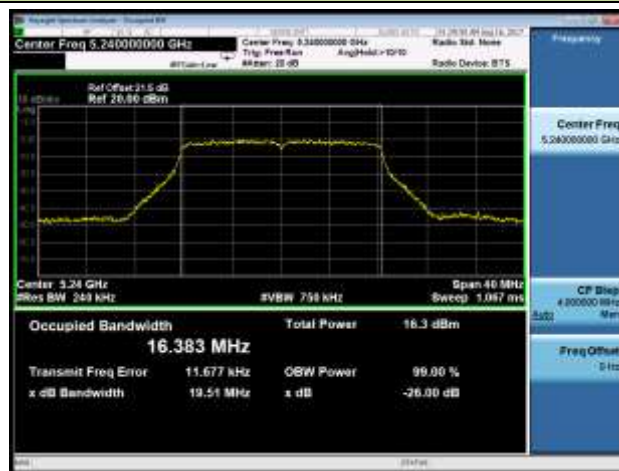
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Channel 44 (5220MHz)



Channel 48 (5240MHz)



Channel 52 (5260MHz)



Channel 60 (5300MHz)



Channel 64 (5320MHz)



802.11a 26dB Bandwidth & 99% Bandwidth - Ant 0 / Ant 0 + 1 + 2 + 3

Channel 100 (5500MHz)



Channel 100 (5600MHz)



Channel 140 (5700MHz)



Channel 144 (5720MHz)



Channel 52 (5745MHz)



Channel 157 (5785MHz)



802.11a 26dB Bandwidth & 99% Bandwidth - Ant 0 / Ant 0 + 1 + 2 + 3

Channel 165 (5825MHz)



802.11n-HT20 26dB Bandwidth & 99% Bandwidth - Ant 0 / Ant 0 + 1 + 2 + 3

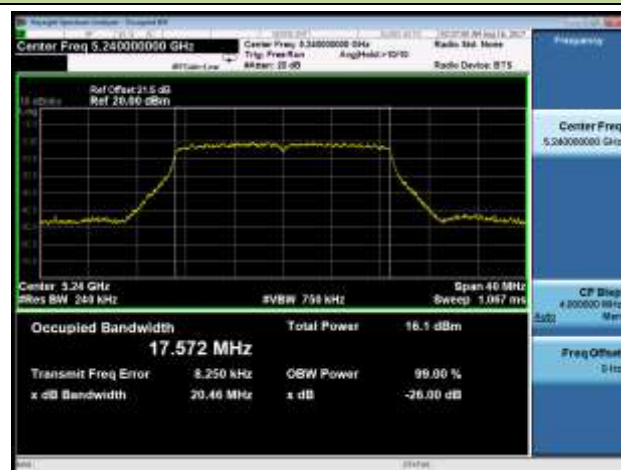
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Channel 44 (5220MHz)



Channel 48 (5240MHz)



Channel 52 (5260MHz)



Channel 60 (5300MHz)



Channel 64 (5320MHz)



802.11n-HT20 26dB Bandwidth & 99% Bandwidth - Ant 0 / Ant 0 + 1 + 2 + 3

Channel 100 (5500MHz)



Channel 120 (5600MHz)



Channel 140 (5700MHz)



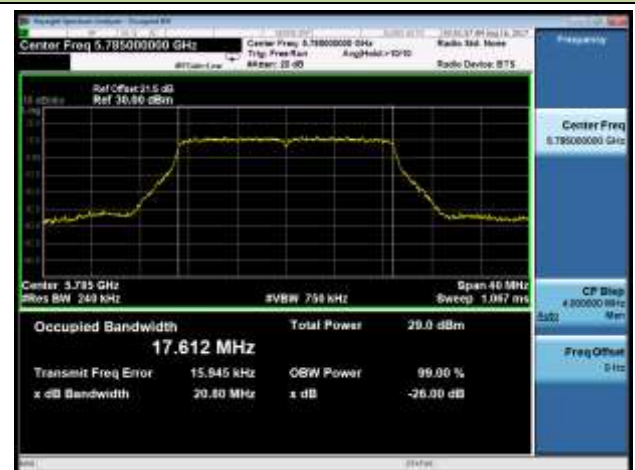
Channel 144 (5720MHz)



Channel 52 (5745MHz)



Channel 157 (5785MHz)



802.11n-HT20 26dB Bandwidth & 99% Bandwidth - Ant 0 / Ant 0 + 1 + 2 + 3

Channel 165 (5825MHz)



802.11n-HT40 26dB Bandwidth & 99% Bandwidth - Ant 0 / Ant 0 + 1 + 2 + 3

Channel 38 (5190MHz)



Channel 46 (5230MHz)



Channel 54 (5270MHz)



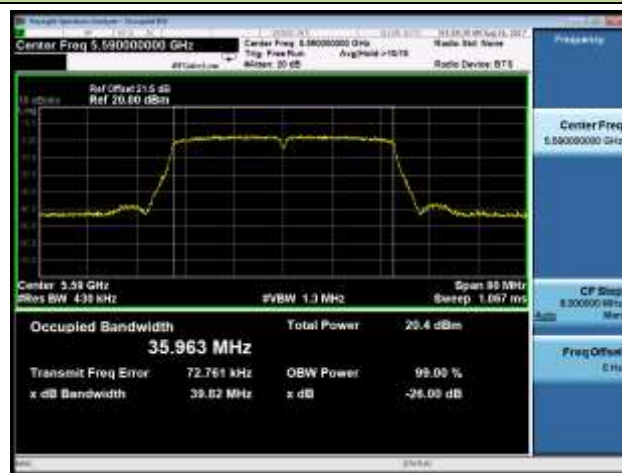
Channel 62 (5310MHz)



Channel 102 (5510MHz)



Channel 118 (5590MHz)



802.11n-HT40 26dB Bandwidth & 99% Bandwidth - Ant 0 / Ant 0 + 1 + 2 + 3

Channel 134 (5670MHz)



Channel 142 (5710MHz)



Channel 54 (5755MHz)

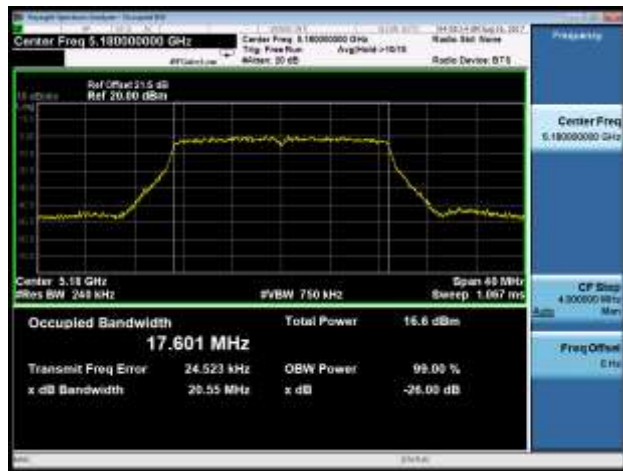


Channel 62 (5795MHz)



802.11ac-VHT20 26dB Bandwidth & 99% Bandwidth - Ant 0 / Ant 0 + 1 + 2 + 3

Channel 36 (5180MHz)



Channel 44 (5220MHz)



Channel 48 (5240MHz)



Channel 52 (5260MHz)



Channel 60 (5300MHz)



Channel 64 (5320MHz)



802.11ac-VHT20 26dB Bandwidth & 99% Bandwidth - Ant 0 / Ant 0 + 1 + 2 + 3

Channel 100 (5500MHz)



Channel 120 (5600MHz)



Channel 140 (5700MHz)



Channel 144 (5720MHz)



Channel 149 (5745MHz)



Channel 157 (5785MHz)

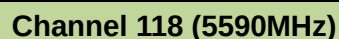
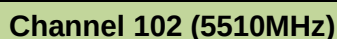
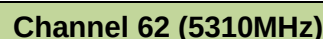
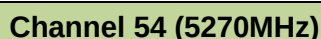


802.11ac-VHT20 26dB Bandwidth & 99% Bandwidth - Ant 0 / Ant 0 + 1 + 2 + 3

Channel 165 (5825MHz)



Channel 38 (5190MHz)



802.11ac-VHT40 26dB Bandwidth & 99% Bandwidth - Ant 0 / Ant 0 + 1 + 2 + 3

Channel 134 (5670MHz)



Channel 142 (5710MHz)



Channel 151 (5755MHz)



Channel 159 (5795MHz)



802.11ac-VHT80 26dB Bandwidth & 99% Bandwidth - Ant 0 / Ant 0 + 1 + 2 + 3

Channel 42 (5210MHz)



Channel 58 (5290MHz)



Channel 106 (5530MHz)



Channel 122 (5610MHz)



Channel 138 (5690MHz)

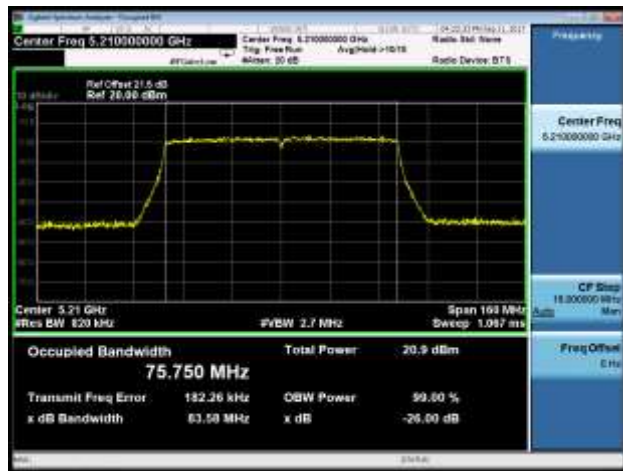


Channel 155 (5775MHz)



802.11ac-VHT80+80 26dB Bandwidth & 99% Bandwidth - Ant 0 / Ant 0 + 1 (Ant 0 + 1 + 2 + 3)

Channel 42 (5210MHz)



Channel 58 (5290MHz)



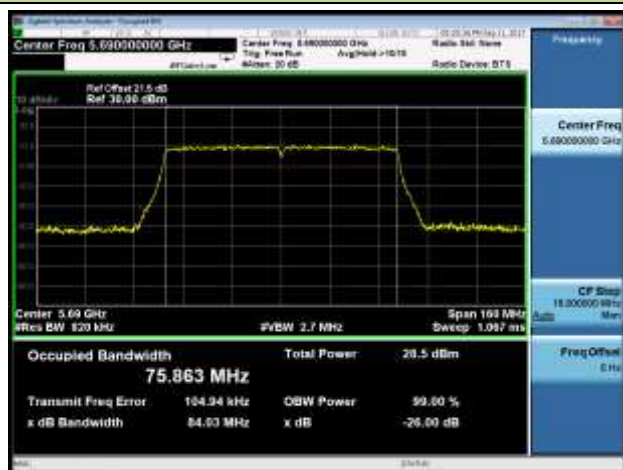
Channel 106 (5530MHz)



Channel 122 (5610MHz)



Channel 138 (5690MHz)



Channel 155 (5775MHz)



802.11ac-VHT80+80 26dB Bandwidth & 99% Bandwidth - Ant 3 / Ant 2 + 3 (Ant 0 + 1 + 2 + 3)

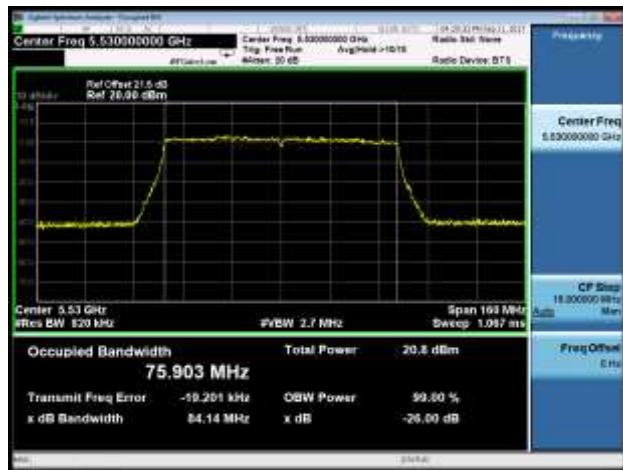
Channel 42 (5210MHz)



Channel 58 (5290MHz)



Channel 106 (5530MHz)



Channel 122 (5610MHz)



Channel 138 (5690MHz)



Channel 155 (5775MHz)



802.11ac-VHT80+80 Contiguous 26dB Bandwidth & 99% Bandwidth - Ant 0 + 1 + 2 + 3

Channel 42 (5210MHz)



Channel 58 (5290MHz)

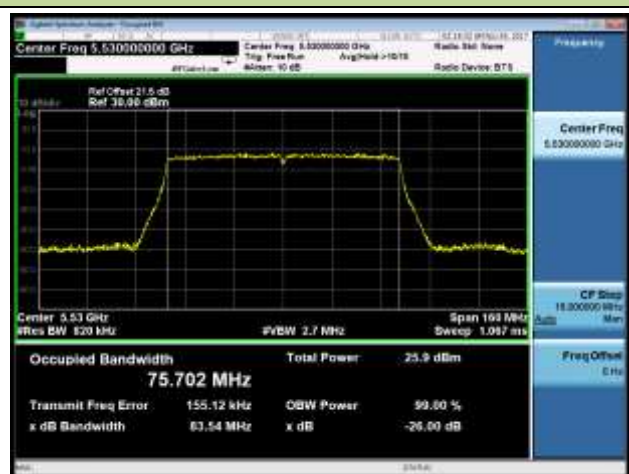


Note: 26dB OCW = $[5290 + (82.12/2)] - [5210 - (82.78/2)] = 162.45$ MHz

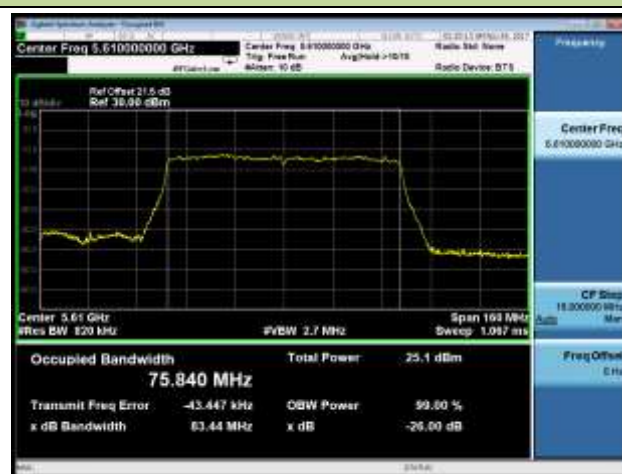
99% OCW = $[5290 + (75.525/2)] - [5210 - (75.753/2)] = 155.639$ MHz

802.11ac-VHT80+80 Contiguous 26dB Bandwidth & 99% Bandwidth - Ant 0 + 1 + 2 + 3

Channel 106 (5530MHz)



Channel 122 (5610MHz)



Note: 26dB OCW = $[5610 + (83.44/2)] - [5530 - (83.54/2)] = 163.49$ MHz

99% OCW = $[5610 + (75.840/2)] - [5530 - (75.702/2)] = 155.771$ MHz

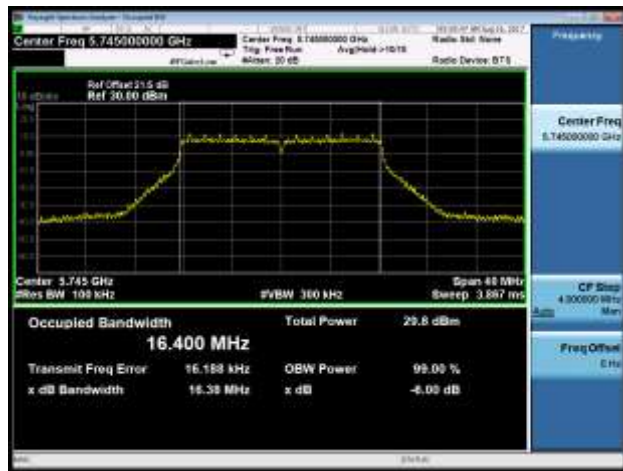
5. 6dB 佔用頻寬測試結果

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kevin Ker	Relative Humidity	59%
Test Site	SR2	Test Date	2017/09/13

Test Mode	Data Rate/ MCS	Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)	Result
Ant 0 / Ant 0 + 1 + 2 + 3						
802.11a	6Mbps	149	5745	16.38	≥0.5	Pass
802.11a	6Mbps	157	5785	16.37	≥0.5	Pass
802.11a	6Mbps	165	5825	16.35	≥0.5	Pass
802.11n-HT20	MCS0	149	5745	17.60	≥0.5	Pass
802.11n-HT20	MCS0	157	5785	17.60	≥0.5	Pass
802.11n-HT20	MCS0	165	5825	17.60	≥0.5	Pass
802.11n-HT40	MCS0	151	5755	35.12	≥0.5	Pass
802.11n-HT40	MCS0	159	5795	35.12	≥0.5	Pass
802.11ac-VHT20	MCS0	149	5745	17.61	≥0.5	Pass
802.11ac-VHT20	MCS0	157	5785	17.62	≥0.5	Pass
802.11ac-VHT20	MCS0	165	5825	17.59	≥0.5	Pass
802.11ac-VHT40	MCS0	151	5755	35.11	≥0.5	Pass
802.11ac-VHT40	MCS0	159	5795	35.07	≥0.5	Pass
802.11ac-VHT80	MCS0	155	5775	75.45	≥0.5	Pass
Ant 0 / Ant 0 + 1 (Ant 0 + 1 + 2 + 3)						
802.11ac-VHT80+80	MCS0	155	5775	75.76	≥0.5	Pass
Ant 3 / Ant 2 + 3 (Ant 0 + 1 + 2 + 3)						
802.11ac-VHT80+80	MCS0	155	5775	75.35	≥0.5	Pass

802.11a 6dB Bandwidth - Ant 0 / Ant 0 + 1 + 2 + 3

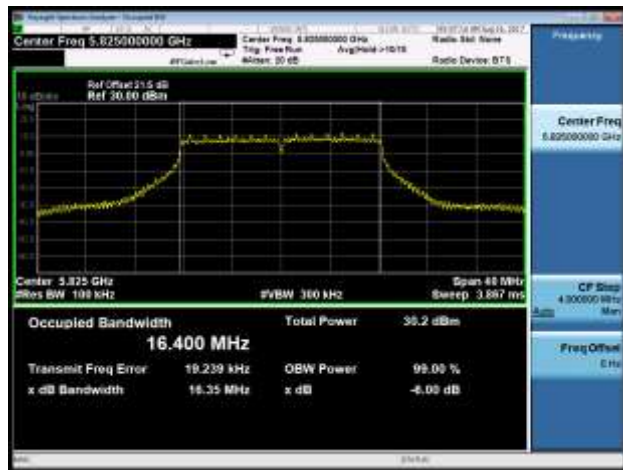
Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)



802.11n-HT20 6dB Bandwidth - Ant 0 / Ant 0 + 1 + 2 + 3

Channel 149 (5745MHz)



Channel 157 (5785MHz)

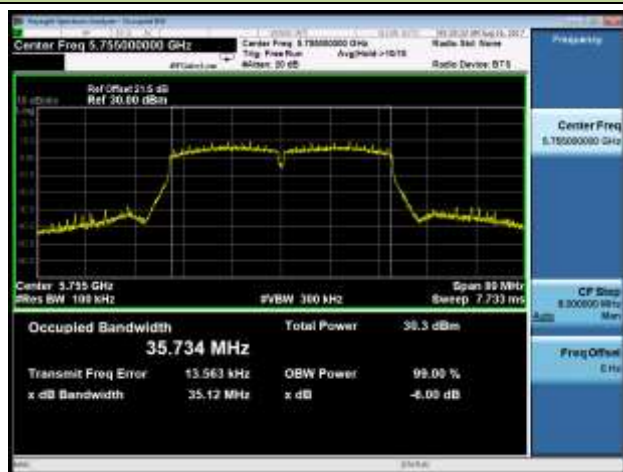


Channel 165 (5825MHz)



802.11n-HT40 6dB Bandwidth - Ant 0 / Ant 0 + 1 + 2 + 3

Channel 151 (5755MHz)



Channel 159 (5795MHz)



802.11ac-VHT20 6dB Bandwidth - Ant 0 / Ant 0 + 1 + 2 + 3

Channel 149 (5745MHz)



Channel 157 (5785MHz)



Channel 165 (5825MHz)



802.11ac-VHT40 6dB Bandwidth - Ant 0 / Ant 0 + 1 + 2 + 3

Channel 151 (5755MHz)

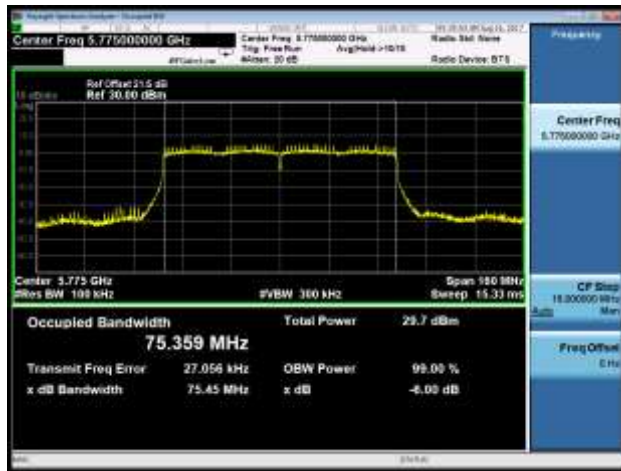


Channel 159 (5795MHz)



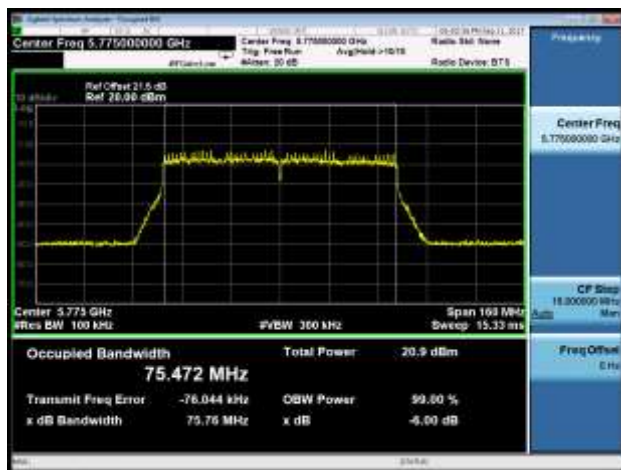
802.11ac-VHT80 6dB Bandwidth - Ant 0 / Ant 0 + 1 + 2 + 3

Channel 155 (5775MHz)



802.11ac-VHT80+80 6dB Bandwidth - Ant 0 / Ant 0 + 1 (Ant 0 + 1 + 2 + 3)

Channel 155 (5775MHz)



802.11ac-VHT80+80 6dB Bandwidth - Ant 3 / Ant 2 + 3 (Ant 0 + 1 + 2 + 3)

Channel 155 (5775MHz)



6. 最大功率頻譜密度測試結果

Product	ACCESS POINT	Temperature	24°C
Test Engineer	Kevin Ker	Relative Humidity	59%
Test Site	SR2	Test Date	2017/08/22
Test Item	Power Spectral Density (UNII-Band 1 & UNII-Band 1 & UNII-2A & UNII-2C)		

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	Ant 0 PSD (dBm/MHz)	Ant 1 PSD (dBm/MHz)	Ant 2 PSD (dBm/MHz)	Ant 3 PSD (dBm/MHz)	Duty Cycle (%)	Total PSD (dBm/MHz)	PSD Limit (dBm/MHz)	Result
Ant 0 + 1 + 2 + 3 (CDD Mode)											
11a	6Mbps	36	5180	-3.02	-3.39	-2.99	-3.07	97.08	3.03	≤ 13.69	Pass
11a	6Mbps	44	5220	-2.67	-3.25	-2.78	-2.85	97.08	3.27	≤ 13.69	Pass
11a	6Mbps	48	5240	-2.70	-2.95	-2.77	-2.88	97.08	3.33	≤ 13.69	Pass
11a	6Mbps	52	5260	1.20	1.18	1.31	1.13	97.08	7.35	≤ 7.69	Pass
11a	6Mbps	60	5300	1.02	1.01	1.01	1.07	97.08	7.18	≤ 7.69	Pass
11a	6Mbps	64	5320	1.13	0.83	1.23	0.80	97.08	7.15	≤ 7.69	Pass
11a	6Mbps	100	5500	1.65	1.44	0.90	1.34	97.08	7.49	≤ 7.69	Pass
11a	6Mbps	120	5600	1.52	1.21	1.13	1.37	97.08	7.46	≤ 7.69	Pass
11a	6Mbps	140	5700	1.43	1.25	0.50	0.85	97.08	7.17	≤ 7.69	Pass
11a	6Mbps	144	5720	2.07	1.54	0.85	1.37	97.08	7.63	≤ 7.69	Pass
11n-HT20	MCS0	36	5180	-3.40	-3.81	-3.24	-3.18	98.61	2.62	≤ 13.69	Pass
11n-HT20	MCS0	44	5220	-3.08	-3.31	-3.55	-3.39	98.61	2.69	≤ 13.69	Pass
11n-HT20	MCS0	48	5240	-3.28	-3.20	-3.41	-3.20	98.61	2.75	≤ 13.69	Pass
11n-HT20	MCS0	52	5260	1.23	1.31	1.09	1.40	98.61	7.28	≤ 7.69	Pass
11n-HT20	MCS0	60	5300	1.44	1.12	1.20	1.20	98.61	7.26	≤ 7.69	Pass
11n-HT20	MCS0	64	5320	1.17	1.12	1.18	1.10	98.61	7.16	≤ 7.69	Pass
11n-HT20	MCS0	100	5500	1.78	1.26	1.15	1.52	98.61	7.45	≤ 7.69	Pass
11n-HT20	MCS0	120	5600	1.18	1.44	1.16	1.41	98.61	7.32	≤ 7.69	Pass
11n-HT20	MCS0	140	5700	1.84	1.43	0.95	1.32	98.61	7.42	≤ 7.69	Pass
11n-HT20	MCS0	144	5720	1.69	1.07	0.89	1.27	98.61	7.26	≤ 7.69	Pass

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	Ant 0 PSD (dBm/MHz)	Ant 1 PSD (dBm/MHz)	Ant 2 PSD (dBm/MHz)	Ant 3 PSD (dBm/MHz)	Duty Cycle (%)	Total PSD (dBm/MHz)	PSD Limit (dBm/MHz)	Result
Ant 0 + 1 + 2 + 3 (CDD Mode)											
11n-HT40	MCS0	38	5190	-5.99	-6.43	-6.65	-6.24	96.97	-0.17	≤ 13.69	Pass
11n-HT40	MCS0	46	5230	-5.98	-6.16	-6.17	-5.93	96.97	0.10	≤ 13.69	Pass
11n-HT40	MCS0	54	5270	0.78	1.23	0.82	0.95	96.97	7.10	≤ 7.69	Pass
11n-HT40	MCS0	62	5310	0.96	1.17	0.89	0.80	96.97	7.11	≤ 7.69	Pass
11n-HT40	MCS0	102	5510	1.37	1.30	0.53	1.14	96.97	7.25	≤ 7.69	Pass
11n-HT40	MCS0	118	5590	1.93	1.46	1.22	1.15	96.97	7.61	≤ 7.69	Pass
11n-HT40	MCS0	134	5670	1.75	1.52	1.05	1.40	96.97	7.59	≤ 7.69	Pass
11n-HT40	MCS0	142	5710	1.67	1.08	0.71	0.96	96.97	7.27	≤ 7.69	Pass
11ac-VHT20	MCS0	36	5180	-3.61	-3.70	-3.52	-3.56	98.61	2.42	≤ 13.69	Pass
11ac-VHT20	MCS0	44	5220	-2.37	-3.60	-3.05	-2.92	98.61	3.06	≤ 13.69	Pass
11ac-VHT20	MCS0	48	5240	-3.44	-3.46	-3.59	-3.52	98.61	2.52	≤ 13.69	Pass
11ac-VHT20	MCS0	52	5260	1.15	1.51	1.27	1.32	98.61	7.34	≤ 7.69	Pass
11ac-VHT20	MCS0	60	5300	1.42	1.37	1.01	1.08	98.61	7.24	≤ 7.69	Pass
11ac-VHT20	MCS0	64	5320	1.28	0.86	1.02	1.08	98.61	7.08	≤ 7.69	Pass
11ac-VHT20	MCS0	100	5500	1.85	1.17	1.18	1.54	98.61	7.46	≤ 7.69	Pass
11ac-VHT20	MCS0	120	5600	1.34	1.74	1.26	1.38	98.61	7.45	≤ 7.69	Pass
11ac-VHT20	MCS0	140	5700	2.17	1.46	0.80	1.09	98.61	7.43	≤ 7.69	Pass
11ac-VHT20	MCS0	144	5720	1.96	1.24	0.82	1.22	98.61	7.35	≤ 7.69	Pass
11ac-VHT40	MCS0	38	5190	-6.45	-6.39	-6.49	-6.18	97.18	-0.23	≤ 13.69	Pass
11ac-VHT40	MCS0	46	5230	-6.06	-5.97	-6.29	-5.90	97.18	0.09	≤ 13.69	Pass
11ac-VHT40	MCS0	54	5270	0.78	1.22	0.74	1.07	97.18	7.10	≤ 7.69	Pass
11ac-VHT40	MCS0	62	5310	0.85	1.09	0.91	0.94	97.18	7.09	≤ 7.69	Pass
11ac-VHT40	MCS0	102	5510	1.65	1.31	0.73	1.40	97.18	7.43	≤ 7.69	Pass
11ac-VHT40	MCS0	118	5590	1.79	1.26	1.15	0.91	97.18	7.43	≤ 7.69	Pass
11ac-VHT40	MCS0	134	5670	1.11	1.08	0.80	1.18	97.18	7.19	≤ 7.69	Pass
11ac-VHT40	MCS0	142	5710	1.47	1.11	0.70	1.23	97.18	7.28	≤ 7.69	Pass
11ac-VHT80	MCS0	42	5210	-7.60	-9.23	-9.55	-9.22	94.11	-2.54	≤ 13.69	Pass
11ac-VHT80	MCS0	58	5290	-0.36	-0.43	-0.84	-0.82	94.11	5.68	≤ 7.69	Pass
11ac-VHT80	MCS0	106	5530	-0.31	-0.30	-0.60	-0.18	94.11	5.94	≤ 7.69	Pass
11ac-VHT80	MCS0	122	5610	-0.20	-0.18	-0.26	-0.21	94.11	6.07	≤ 7.69	Pass
11ac-VHT80	MCS0	138	5690	0.41	-0.10	-0.72	-0.02	94.11	6.20	≤ 7.69	Pass

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	Ant 0 PSD (dBm/MHz)	Ant 1 PSD (dBm/MHz)	Ant 2 PSD (dBm/MHz)	Ant 3 PSD (dBm/MHz)	Duty Cycle (%)	Total PSD (dBm/MHz)	PSD Limit (dBm/MHz)	Result
Ant 0 + 1 + 2 + 3 (CDD Mode)											
Non-contiguous 80+80 MHz mode fall within different UNII band											
11ac-VHT80+80	MCS0	42	5210	-6.07	-7.50	--	--	94.11	-3.45	≤ 16.70	Pass
11ac-VHT80+80	MCS0	42	5210	--	--	-6.77	-6.59	94.11	-3.41	≤ 16.70	Pass
11ac-VHT80+80	MCS0	58	5290	2.37	2.62	--	--	94.11	5.77	≤ 10.70	Pass
11ac-VHT80+80	MCS0	58	5290	--	--	2.93	3.20	94.11	6.34	≤ 10.70	Pass
11ac-VHT80+80	MCS0	106	5530	2.55	1.89	--	--	94.11	5.51	≤ 10.70	Pass
11ac-VHT80+80	MCS0	106	5530	--	--	2.59	3.11	94.11	6.13	≤ 10.70	Pass
11ac-VHT80+80	MCS0	122	5610	2.22	2.26	--	--	94.11	5.51	≤ 10.70	Pass
11ac-VHT80+80	MCS0	122	5610	--	--	2.94	3.74	94.11	6.63	≤ 10.70	Pass
11ac-VHT80+80	MCS0	138	5690	2.17	2.99	--	--	94.11	5.87	≤ 10.70	Pass
11ac-VHT80+80	MCS0	138	5690	--	--	2.89	3.41	94.11	6.43	≤ 10.70	Pass
Non-contiguous 80+80 MHz mode fall within same UNII band											
11ac-VHT80+80	MCS0	106	5530	1.42	0.60	--	--	94.11	6.75	≤ 10.70	Pass
11ac-VHT80+80	MCS0	138	5690	--	--	-0.40	0.02				
11ac-VHT80+80	MCS0	106	5530	--	--	0.34	0.35	94.11	6.74	≤ 10.70	Pass
11ac-VHT80+80	MCS0	138	5690	0.92	0.18	--	--				
11ac-VHT80+80 (Contiguous 80+80 MHz mode)											
11ac-VHT80+80	MCS0	42	5210	-3.88	-3.80	--	--	96.54	-0.68	≤ 16.70	Pass
	MCS0	58	5290	--	--	-4.55	-4.03	96.54	-1.12	≤ 10.70	Pass
11ac-VHT80+80	MCS0	106	5530	0.92	0.13	--	--	96.54	6.39	≤ 10.70	Pass
	MCS0	122	5610	--	--	-0.38	0.10				

Note 1: When EUT duty cycle ≥ 98%, Total PSD (dBm/MHz) = $10 \cdot \log \{10^{(\text{Ant 0 PSD}/10)} + 10^{(\text{Ant 1 PSD}/10)} + 10^{(\text{Ant 2 PSD}/10)} + 10^{(\text{Ant 3 PSD}/10)}\}$ (dBm/MHz).

Note 2: When EUT duty cycle < 98%, Total PSD (dBm/MHz) = $10 \cdot \log \{10^{(\text{Ant 0 PSD}/10)} + 10^{(\text{Ant 1 PSD}/10)} + 10^{(\text{Ant 2 PSD}/10)} + 10^{(\text{Ant 3 PSD}/10)}\}$ (dBm/MHz) + $10 \cdot \log (1/\text{Duty Cycle})$.

Note 3: For 802.11ac-VHT80+80:

Ant 0 & Ant 1: Total PSD (dBm/MHz) = $10 \cdot \log \{10^{(\text{Ant 0 PSD}/10)} + 10^{(\text{Ant 1 PSD}/10)}\}$ (dBm/MHz) + $10 \cdot \log (1/\text{Duty Cycle})$.

Ant 2 & Ant 3: Total PSD (dBm/MHz) = $10 \cdot \log \{10^{(\text{Ant 2 PSD}/10)} + 10^{(\text{Ant 3 PSD}/10)}\}$ (dBm/MHz) + $10 \cdot \log (1/\text{Duty Cycle})$.

Note 4: For 802.11ac-VHT80+80 Contiguous Mode:

5210MHz Fall within UNII-1: Total Average Power (dBm) = $10 \cdot \log \{10^{(\text{Ant 0 PSD}/10)} + 10^{(\text{Ant 1 PSD}/10)}\}$.

5290MHz Fall within UNII-2A: Total Average Power (dBm) = $10 \cdot \log \{10^{(\text{Ant 2 PSD}/10)} + 10^{(\text{Ant 3 PSD}/10)}\}$.

5530MHz & 5610MHz Fall within UNII-2C: Total Average Power (dBm) = $10 \cdot \log \{10^{(\text{Ant 0 PSD}/10)} + 10^{(\text{Ant 1 PSD}/10)} +$

$$10^{(\text{Ant 2 PSD}/10)} + 10^{(\text{Ant 3 PSD}/10)}\}.$$

Note 5: PSD Limit Calculation as below:

For 5150-5250MHz & 5725-5850MHz:

802.11a/n-HT20/n-HT40/ac-VHT20/ac-VHT40/ac-VHT80:

$$\text{Limit} = 17\text{dBm/MHz} - (9.31\text{dBi} - 6\text{dBi}) = 13.69\text{ dBm/MHz}.$$

$$\text{For 802.11ac-VHT80+80: Limit (dBm/MHz)} = 17\text{dBm/MHz} - (6.3\text{ dBi} - 6.0\text{ dBi}) = 16.70\text{dBm/MHz}.$$

For 5250-5350MHz & 5470-5725MHz:

802.11a/n-HT20/n-HT40/ac-VHT20/ac-VHT40/ac-VHT80:

$$\text{Limit} = 11\text{dBm/MHz} - 9.31\text{dBi} - 6\text{dBi} = 7.69\text{ dBm/MHz}.$$

$$802.11ac-VHT80+80: \text{Limit} = 11\text{dBm/MHz} - (6.3\text{dBi} - 6\text{dBi}) = 10.70\text{ dBm/MHz}.$$

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	Ant 0 PSD (dBm/MHz)	Ant 1 PSD (dBm/MHz)	Ant 2 PSD (dBm/MHz)	Ant 3 PSD (dBm/MHz)	Duty Cycle (%)	Total PSD (dBm/MHz)	PSD Limit (dBm/MHz)	Result
Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)											
11n-HT20	MCS0	36	5180	-6.41	-6.55	-6.46	-6.22	98.61	-0.39	≤ 13.69	Pass
11n-HT20	MCS0	44	5220	-6.52	-6.70	-6.90	-6.17	98.61	-0.54	≤ 13.69	Pass
11n-HT20	MCS0	48	5240	-6.38	-6.17	-6.56	-6.69	98.61	-0.42	≤ 13.69	Pass
11n-HT20	MCS0	52	5260	1.23	1.31	1.09	1.40	98.61	7.28	≤ 7.69	Pass
11n-HT20	MCS0	60	5300	1.44	1.12	1.20	1.20	98.61	7.26	≤ 7.69	Pass
11n-HT20	MCS0	64	5320	1.17	1.12	1.18	1.10	98.61	7.16	≤ 7.69	Pass
11n-HT20	MCS0	100	5500	1.78	1.26	1.15	1.52	98.61	7.45	≤ 7.69	Pass
11n-HT20	MCS0	120	5600	1.18	1.44	1.16	1.41	98.61	7.32	≤ 7.69	Pass
11n-HT20	MCS0	140	5700	1.84	1.43	0.95	1.32	98.61	7.42	≤ 7.69	Pass
11n-HT20	MCS0	144	5720	1.69	1.07	0.89	1.27	98.61	7.26	≤ 7.69	Pass
11n-HT40	MCS0	38	5190	-8.72	-9.36	-9.02	-8.75	96.97	-2.80	≤ 13.69	Pass
11n-HT40	MCS0	46	5230	-8.36	-8.83	-8.36	-8.49	96.97	-2.35	≤ 13.69	Pass
11n-HT40	MCS0	54	5270	-0.12	-0.24	-0.23	-0.04	96.97	6.00	≤ 7.69	Pass
11n-HT40	MCS0	62	5310	-0.04	-0.17	-0.46	-0.27	96.97	5.92	≤ 7.69	Pass
11n-HT40	MCS0	102	5510	0.95	0.16	-0.45	-0.04	96.97	6.34	≤ 7.69	Pass
11n-HT40	MCS0	118	5590	0.19	0.34	0.07	0.15	96.97	6.34	≤ 7.69	Pass
11n-HT40	MCS0	134	5670	0.25	-0.13	0.19	-0.01	96.97	6.23	≤ 7.69	Pass
11n-HT40	MCS0	142	5710	1.67	1.08	0.71	0.96	96.97	7.27	≤ 7.69	Pass
11ac-VHT20	MCS0	36	5180	-6.83	-7.02	-6.31	-6.10	98.61	-0.53	≤ 13.69	Pass
11ac-VHT20	MCS0	44	5220	-6.97	-7.22	-6.61	-6.72	98.61	-0.85	≤ 13.69	Pass
11ac-VHT20	MCS0	48	5240	-6.42	-5.94	-5.96	-5.66	98.61	0.03	≤ 13.69	Pass
11ac-VHT20	MCS0	52	5260	1.15	1.51	1.27	1.32	98.61	7.34	≤ 7.69	Pass
11ac-VHT20	MCS0	60	5300	1.42	1.37	1.01	1.08	98.61	7.24	≤ 7.69	Pass
11ac-VHT20	MCS0	64	5320	1.28	0.86	1.02	1.08	98.61	7.08	≤ 7.69	Pass
11ac-VHT20	MCS0	100	5500	1.85	1.17	1.18	1.54	98.61	7.46	≤ 7.69	Pass
11ac-VHT20	MCS0	120	5600	1.34	1.74	1.26	1.38	98.61	7.45	≤ 7.69	Pass
11ac-VHT20	MCS0	140	5700	2.17	1.46	0.80	1.09	98.61	7.43	≤ 7.69	Pass
11ac-VHT20	MCS0	144	5720	1.96	1.24	0.82	1.22	98.61	7.35	≤ 7.69	Pass

Test Mode	Data Rate/MCS	Channel No.	Freq. (MHz)	Ant 0 PSD (dBm/MHz)	Ant 1 PSD (dBm/MHz)	Ant 2 PSD (dBm/MHz)	Ant 3 PSD (dBm/MHz)	Duty Cycle (%)	Total PSD (dBm/MHz)	PSD Limit (dBm/MHz)	Result
Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)											
11ac-VHT40	MCS0	38	5190	-9.29	-10.20	-9.26	-8.56	97.18	-3.14	≤ 13.69	Pass
11ac-VHT40	MCS0	46	5230	-8.47	-9.39	-8.79	-8.66	97.18	-2.67	≤ 13.69	Pass
11ac-VHT40	MCS0	54	5270	0.04	-0.18	-0.50	-0.33	97.18	5.91	≤ 7.69	Pass
11ac-VHT40	MCS0	62	5310	-0.35	-0.25	-0.37	-0.46	97.18	5.79	≤ 7.69	Pass
11ac-VHT40	MCS0	102	5510	0.53	-0.13	-0.59	0.05	97.18	6.13	≤ 7.69	Pass
11ac-VHT40	MCS0	118	5590	0.92	0.59	-0.04	0.08	97.18	6.55	≤ 7.69	Pass
11ac-VHT40	MCS0	134	5670	0.42	0.09	0.11	0.37	97.18	6.39	≤ 7.69	Pass
11ac-VHT40	MCS0	142	5710	0.97	0.50	-0.09	-0.05	97.18	6.50	≤ 7.69	Pass
11ac-VHT80	MCS0	42	5210	-11.97	-13.01	-12.45	-12.83	94.11	-6.26	≤ 13.69	Pass
11ac-VHT80	MCS0	58	5290	-3.52	-3.28	-3.67	-3.75	94.11	2.73	≤ 7.69	Pass
11ac-VHT80	MCS0	106	5530	-2.41	-3.37	-3.69	-3.51	94.11	3.07	≤ 7.69	Pass
11ac-VHT80	MCS0	122	5610	-2.35	-2.72	-3.02	-2.93	94.11	3.54	≤ 7.69	Pass
11ac-VHT80	MCS0	138	5690	-2.65	-2.90	-3.28	-2.85	94.11	3.37	≤ 7.69	Pass
Non-contiguous 80+80 MHz mode fall within different UNII band											
11ac-VHT80+80	MCS0	42	5210	-6.07	-7.50	--	--	94.11	-3.45	≤ 16.70	Pass
11ac-VHT80+80	MCS0	42	5210	--	--	-6.77	-6.59	94.11	-3.41	≤ 16.70	Pass
11ac-VHT80+80	MCS0	58	5290	2.37	2.62	--	--	94.11	5.77	≤ 10.70	Pass
11ac-VHT80+80	MCS0	58	5290	--	--	2.93	3.20	94.11	6.34	≤ 10.70	Pass
11ac-VHT80+80	MCS0	106	5530	2.55	1.89	--	--	94.11	5.51	≤ 10.70	Pass
11ac-VHT80+80	MCS0	106	5530	--	--	2.59	3.11	94.11	6.13	≤ 10.70	Pass
11ac-VHT80+80	MCS0	122	5610	2.22	2.26	--	--	94.11	5.51	≤ 10.70	Pass
11ac-VHT80+80	MCS0	122	5610	--	--	2.94	3.74	94.11	6.63	≤ 10.70	Pass
11ac-VHT80+80	MCS0	138	5690	2.17	2.99	--	--	94.11	5.87	≤ 10.70	Pass
11ac-VHT80+80	MCS0	138	5690	--	--	2.89	3.41	94.11	6.43	≤ 10.70	Pass
Non-contiguous 80+80 MHz mode fall within same UNII band											
11ac-VHT80+80	MCS0	106	5530	1.42	0.60	--	--	94.11	6.75	≤ 10.70	Pass
11ac-VHT80+80	MCS0	138	5690	--	--	-0.40	0.02				
11ac-VHT80+80	MCS0	106	5530	--	--	0.34	0.35	94.11	6.74	≤ 10.70	Pass
11ac-VHT80+80	MCS0	138	5690	0.92	0.18	--	--				

Note 1: When EUT duty cycle ≥ 98%, Total PSD (dBm/MHz) = $10 \cdot \log \{10^{(\text{Ant 0 PSD}/10)} + 10^{(\text{Ant 1 PSD}/10)} + 10^{(\text{Ant 2 PSD}/10)} + 10^{(\text{Ant 3 PSD}/10)}\}$ (dBm/MHz).

Note 2: When EUT duty cycle < 98%, Total PSD (dBm/MHz) = $10 \cdot \log \{10^{(\text{Ant 0 PSD}/10)} + 10^{(\text{Ant 1 PSD}/10)} + 10^{(\text{Ant 2 PSD}/10)}\}$ (dBm/MHz).

+ $10^{(\text{Ant 3 PSD}/10)}$ (dBm/MHz) + $10 \cdot \log(1/\text{Duty Cycle})$.

Note 3: For 802.11ac-VHT80+80:

Ant 0 & Ant 1: Total PSD (dBm/MHz) = $10 \cdot \log \{10^{(\text{Ant 0 PSD}/10)} + 10^{(\text{Ant 1 PSD}/10)}\}$ (dBm/MHz) + $10 \cdot \log(1/\text{Duty Cycle})$.

Ant 2 & Ant 3: Total PSD (dBm/MHz) = $10 \cdot \log \{10^{(\text{Ant 2 PSD}/10)} + 10^{(\text{Ant 3 PSD}/10)}\}$ (dBm/MHz) + $10 \cdot \log(1/\text{Duty Cycle})$.

Note 4: PSD Limit Calculation as below:

For 5150-5250MHz

Limit (dBm/MHz) = 17dBm/MHz - (6.3dBi + 3.01dBi - 6dBi) = 13.69dBm/MHz.

802.11ac-VHT80+80: PSD Limit (dBm/MHz) = 17dBm/MHz - (6.3 dBi - 6 dBi) = 16.70 dBm/MHz..

For 5250-5350MHz, 5470-5725MHz

802.11n-HT20/n-HT40/ac-VHT20/ac-VHT40/ac-VHT80:

Limit = 11dBm/MHz - (6.3dBi + 3.01dBi - 6dBi) = 7.69 dBm/MHz.

802.11ac-VHT80+80: Limit = 11dBm/MHz - (6.3dBi - 6dBi) = 10.70 dBm/MHz.

Product	ACCESS POINT	Temperature	22°C
Test Engineer	Kevin Ker	Relative Humidity	54%
Test Site	SR2	Test Date	2017/08/16
Test Item	Power Spectral Density (UNII-Band 3)		

Test Mode	Data Rate/MCS	Channel No.	Freq. (MHz)	Ant 0 PSD (dBm/100kHz)	Ant 1 PSD (dBm/100kHz)	Ant 2 PSD (dBm/100kHz)	Ant 3 PSD (dBm/100kHz)	Duty Cycle (%)	Constant Factor	Total PSD (dBm/500kHz)	Limit (dBm/500kHz)	Result
Ant 0 + 1 + 2 + 3 (CDD Mode)												
11a	6Mbps	149	5745	2.47	2.07	1.51	2.42	97.08	6.99	15.27	≤ 26.69	Pass
11a	6Mbps	157	5785	2.71	2.90	2.15	2.53	97.08	6.99	15.72	≤ 26.69	Pass
11a	6Mbps	165	5825	2.97	2.84	2.41	2.84	97.08	6.99	15.91	≤ 26.69	Pass
11n-HT20	MCS0	149	5745	1.58	1.80	1.39	1.58	98.61	6.99	14.60	≤ 26.69	Pass
11n-HT20	MCS0	157	5785	1.99	1.74	1.47	1.93	98.61	6.99	14.80	≤ 26.69	Pass
11n-HT20	MCS0	165	5825	2.22	2.55	1.94	2.46	98.61	6.99	15.31	≤ 26.69	Pass
11n-HT40	MCS0	151	5755	-0.27	-0.17	-0.41	-0.28	96.97	6.99	12.86	≤ 26.69	Pass
11n-HT40	MCS0	159	5795	-0.18	-0.15	-0.34	-0.33	96.97	6.99	12.90	≤ 26.69	Pass
11ac-VHT20	MCS0	149	5745	1.65	1.54	1.14	1.73	98.61	6.99	14.53	≤ 26.69	Pass
11ac-VHT20	MCS0	157	5785	1.91	1.21	1.47	1.88	98.61	6.99	14.64	≤ 26.69	Pass
11ac-VHT20	MCS0	165	5825	2.00	2.36	2.25	2.40	98.61	6.99	15.27	≤ 26.69	Pass
11ac-VHT40	MCS0	151	5755	-0.35	-0.40	-0.89	-0.39	97.18	6.99	12.63	≤ 26.69	Pass
11ac-VHT40	MCS0	159	5795	-0.19	-0.44	-0.65	0.31	97.18	6.99	12.91	≤ 26.69	Pass
11ac-VHT80	MCS0	155	5775	-4.53	-4.71	-4.87	-4.26	94.11	6.99	8.69	≤ 26.69	Pass
11ac-VHT80+80	MCS0	155	5775	-5.65	-4.95	--	--	94.11	6.99	4.98	≤ 29.70	Pass
11ac-VHT80+80	MCS0	155	5775	--	--	-4.34	-4.09	94.11	6.99	6.05	≤ 29.70	Pass

Note 1: When EUT duty cycle ≥ 98%, Total PSD (dBm/500kHz) = $10 \cdot \log \{10^{(\text{Ant 0 PSD}/10)} + 10^{(\text{Ant 1 PSD}/10)} + 10^{(\text{Ant 2 PSD}/10)} + 10^{(\text{Ant 3 PSD}/10)}\}$ (dBm/100kHz) + Constant Factor.

Note 2: When EUT duty cycle < 98%, Total PSD (dBm/500kHz) = $10 \cdot \log \{10^{(\text{Ant 0 PSD}/10)} + 10^{(\text{Ant 1 PSD}/10)} + 10^{(\text{Ant 2 PSD}/10)} + 10^{(\text{Ant 3 PSD}/10)}\}$ (dBm/100kHz) + Constant Factor + $10 \cdot \log (1/\text{Duty Cycle})$.

Note 3: For 802.11ac-VHT80+80:

Ant 0 & Ant 1: Total PSD (dBm/500kHz) = $10 \cdot \log \{10^{(\text{Ant 0 PSD}/10)} + 10^{(\text{Ant 1 PSD}/10)}\}$ (dBm/100kHz) + Constant Factor + $10 \cdot \log (1/\text{Duty Cycle})$.

Ant 2 & Ant 3: Total PSD (dBm/500kHz) = $10 \cdot \log \{10^{(\text{Ant 2 PSD}/10)} + 10^{(\text{Ant 3 PSD}/10)}\}$ (dBm/100kHz) + Constant Factor + $10 \cdot \log (1/\text{Duty Cycle})$.

Note 4: PSD Limit (dBm/500kHz) = 30dBm/500kHz - (9.31dBi - 6dBi) = 26.69dBm/500kHz.

For 802.11ac-VHT80+80: PSD Limit (dBm/500kHz) = 30dBm/500kHz - (6.3dBi - 6dBi) = 29.70dBm/500kHz..

Test Mode	Data Rate/ MCS	Channel No.	Freq. (MHz)	Ant 0 PSD (dBm/100kHz)	Ant 1 PSD (dBm/100kHz)	Ant 2 PSD (dBm/100kHz)	Ant 3 PSD (dBm/100kHz)	Duty Cycle (%)	Constant Factor	Total PSD (dBm/500kHz)	Limit (dBm/500kHz)	Result
Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)												
11n-HT20	MCS0	149	5745	0.53	-0.10	-0.79	-0.69	98.61	6.99	12.78	≤ 26.69	Pass
11n-HT20	MCS0	157	5785	1.04	-0.12	-0.82	-0.30	98.61	6.99	13.02	≤ 26.69	Pass
11n-HT20	MCS0	165	5825	1.07	-0.04	-0.55	0.35	98.61	6.99	13.26	≤ 26.69	Pass
11n-HT40	MCS0	151	5755	-1.58	-1.83	-2.84	-2.39	96.97	6.99	11.01	≤ 26.69	Pass
11n-HT40	MCS0	159	5795	-1.30	-2.54	-2.92	-2.20	96.97	6.99	10.95	≤ 26.69	Pass
11ac-VHT20	MCS0	149	5745	1.00	0.57	-0.15	-0.06	98.61	6.99	13.38	≤ 26.69	Pass
11ac-VHT20	MCS0	157	5785	0.94	-0.25	-0.61	-0.20	98.61	6.99	13.02	≤ 26.69	Pass
11ac-VHT20	MCS0	165	5825	1.06	0.05	-0.05	-0.02	98.61	6.99	13.30	≤ 26.69	Pass
11ac-VHT40	MCS0	151	5755	-1.59	-2.27	-2.72	-2.70	97.18	6.99	10.84	≤ 26.69	Pass
11ac-VHT40	MCS0	159	5795	-2.02	-2.96	-3.36	-2.79	97.18	6.99	10.38	≤ 26.69	Pass
11ac-VHT80	MCS0	155	5775	-5.01	-5.98	-6.41	-5.91	94.11	6.99	7.48	≤ 26.69	Pass
11ac-VHT80+80	MCS0	155	5775	-5.65	-4.95	--	--	94.11	6.99	4.98	≤ 29.70	Pass
11ac-VHT80+80	MCS0	155	5775	--	--	-4.34	-4.09	94.11	6.99	6.05	≤ 29.70	Pass

Note 1: When EUT duty cycle ≥ 98%, Total PSD (dBm/500kHz) = $10 \cdot \log \{10^{(\text{Ant 0 PSD}/10)} + 10^{(\text{Ant 1 PSD}/10)} + 10^{(\text{Ant 2 PSD}/10)} + 10^{(\text{Ant 3 PSD}/10)}\}$ (dBm/100kHz) + Constant Factor.

Note 2: When EUT duty cycle < 98%, Total PSD (dBm/500kHz) = $10 \cdot \log \{10^{(\text{Ant 0 PSD}/10)} + 10^{(\text{Ant 1 PSD}/10)} + 10^{(\text{Ant 2 PSD}/10)} + 10^{(\text{Ant 3 PSD}/10)}\}$ (dBm/100kHz) + Constant Factor + $10 \cdot \log (1/\text{Duty Cycle})$.

Note 3: For 802.11ac-VHT80+80:

Ant 0 & Ant 1: Total PSD (dBm/500kHz) = $10 \cdot \log \{10^{(\text{Ant 0 PSD}/10)} + 10^{(\text{Ant 1 PSD}/10)}\}$ (dBm/100kHz) + Constant Factor + $10 \cdot \log (1/\text{Duty Cycle})$.

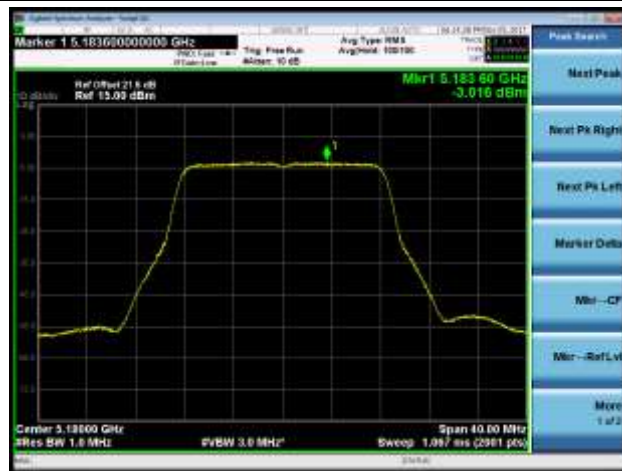
Ant 2 & Ant 3: Total PSD (dBm/500kHz) = $10 \cdot \log \{10^{(\text{Ant 2 PSD}/10)} + 10^{(\text{Ant 3 PSD}/10)}\}$ (dBm/100kHz) + Constant Factor + $10 \cdot \log (1/\text{Duty Cycle})$.

Note 4: PSD Limit (dBm/500kHz) = 30dBm/500kHz - (6.3dBi + 3.01dBi - 6dBi) = 26.69dBm/500kHz.

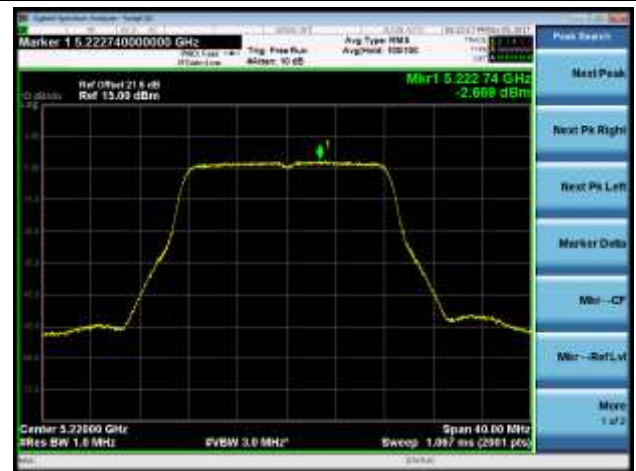
For 802.11ac-VHT80+80: PSD Limit (dBm/500kHz) = 30dBm/500kHz - (6.3dBi - 6dBi) = 29.70dBm/500kHz

802.11a Power Spectral Density - Ant 0 / Ant 0 + 1 + 2 + 3 (CDD Mode)

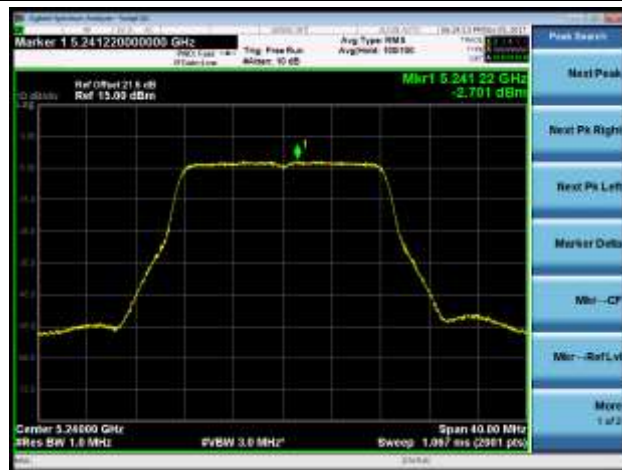
Channel 36 (5180MHz)



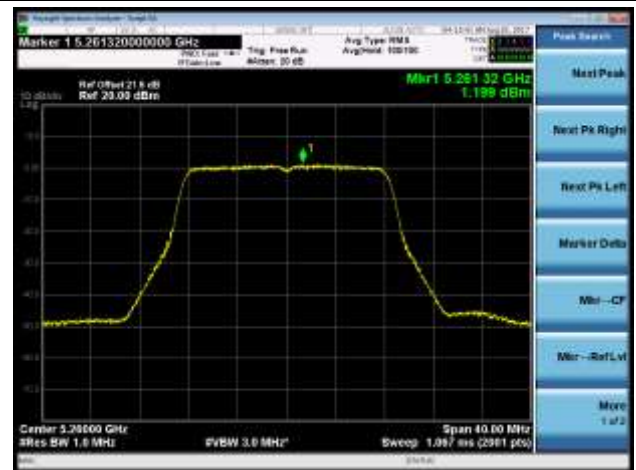
Channel 44 (5220MHz)



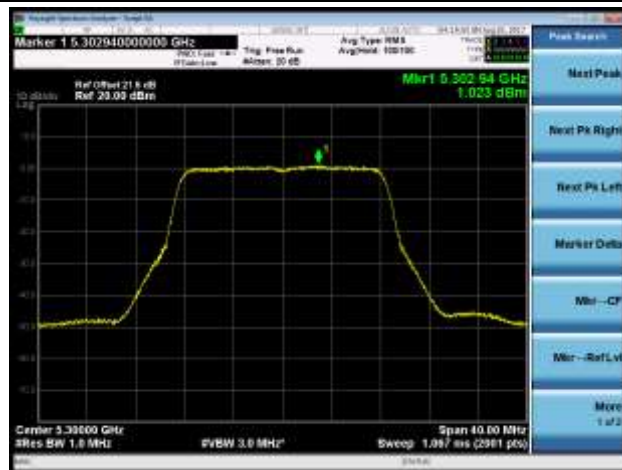
Channel 48 (5240MHz)



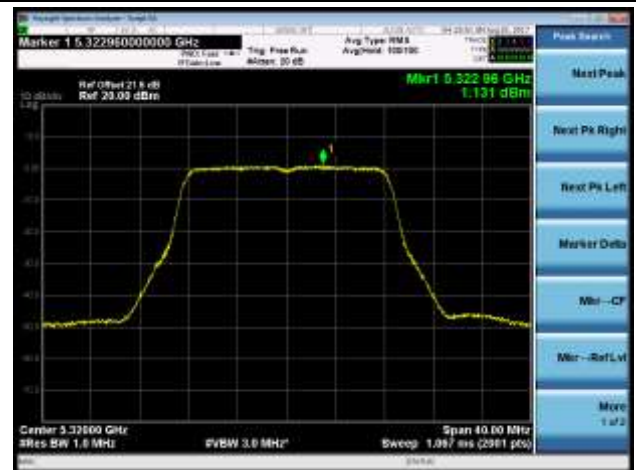
Channel 52 (5260MHz)



Channel 60 (5300MHz)

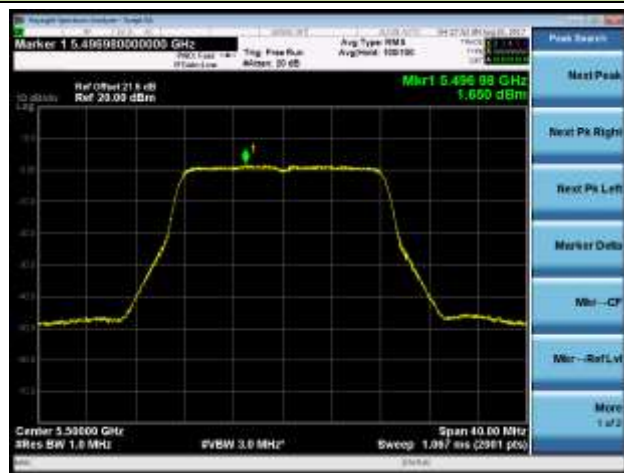


Channel 64 (5320MHz)



802.11a Power Spectral Density - Ant 0 / Ant 0 + 1 + 2 + 3 (CDD Mode)

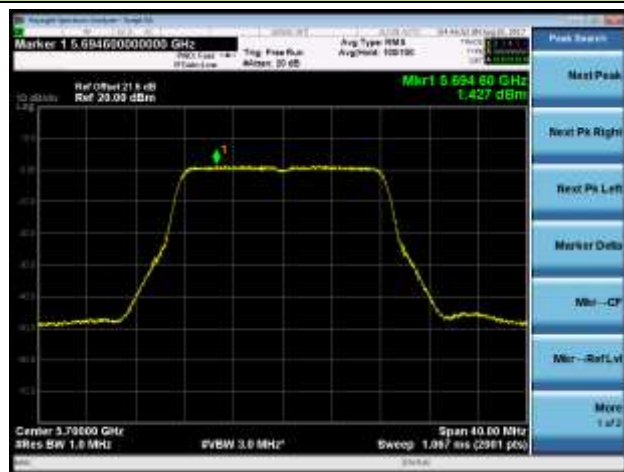
Channel 100 (5500MHz)



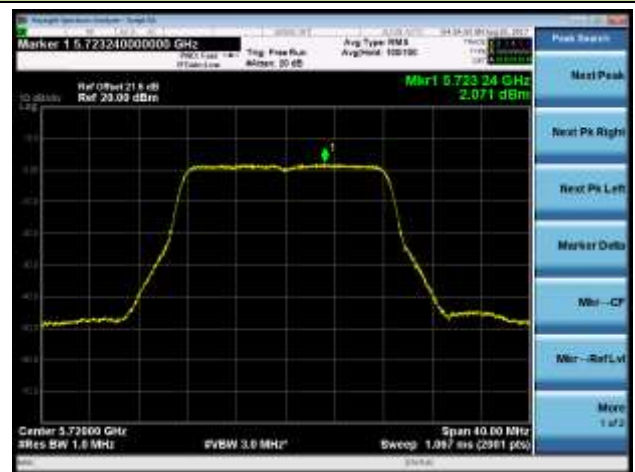
Channel 120 (5600MHz)



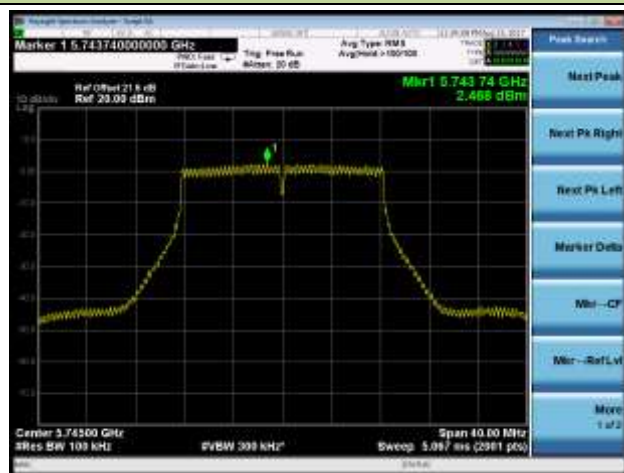
Channel 140 (5700MHz)



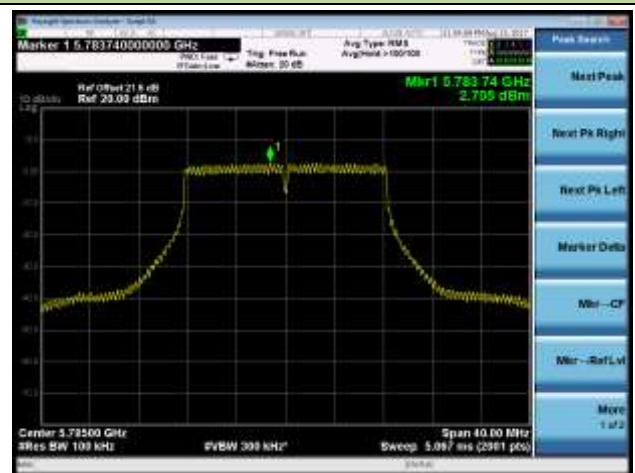
Channel 144 (5720MHz)



Channel 149 (5745MHz)

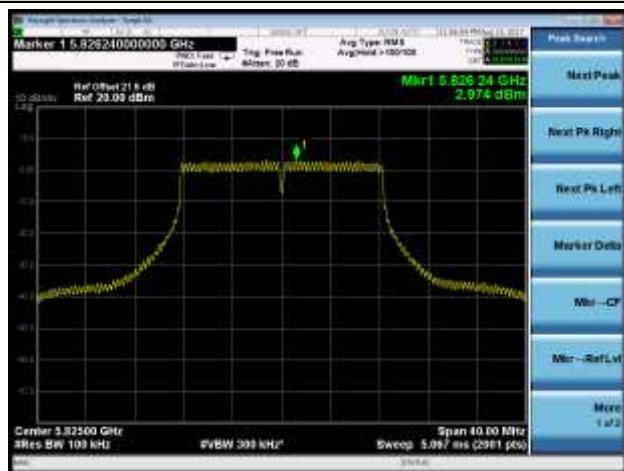


Channel 157 (5785MHz)



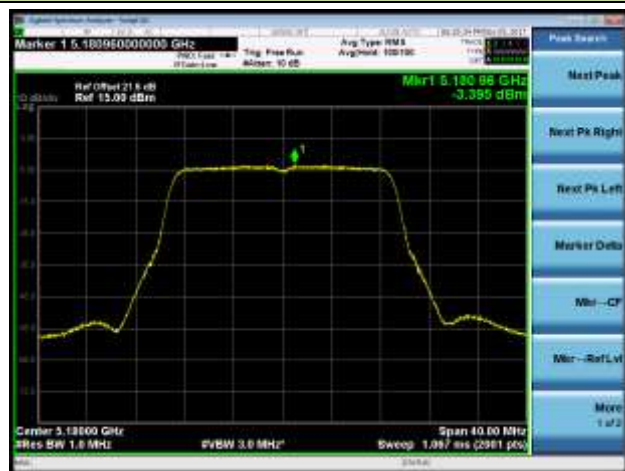
802.11a Power Spectral Density - Ant 0 / Ant 0 + 1 + 2 + 3 (CDD Mode)

Channel 165 (5825MHz)

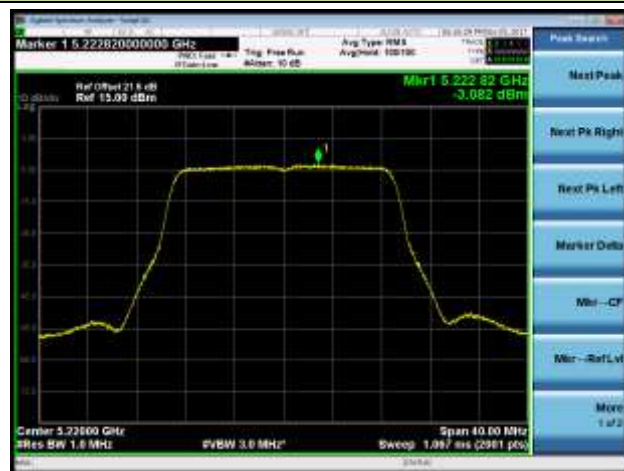


802.11n-HT20 Power Spectral Density - Ant 0 / Ant 0 + 1 + 2 + 3 (CDD Mode)

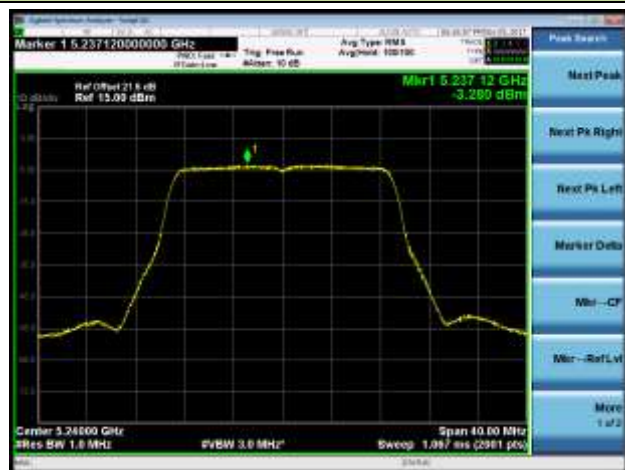
Channel 36 (5180MHz)



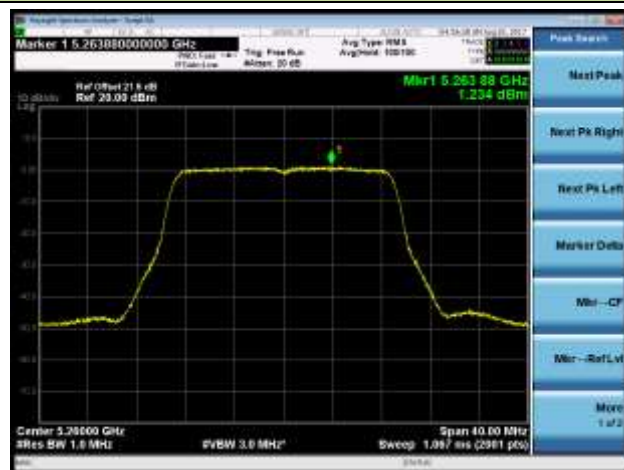
Channel 44 (5220MHz)



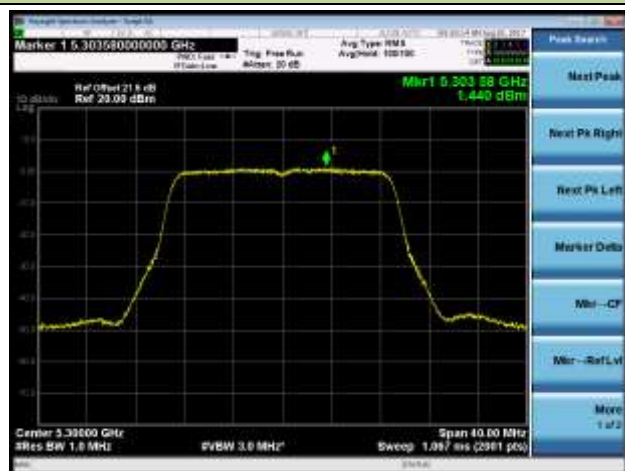
Channel 48 (5240MHz)



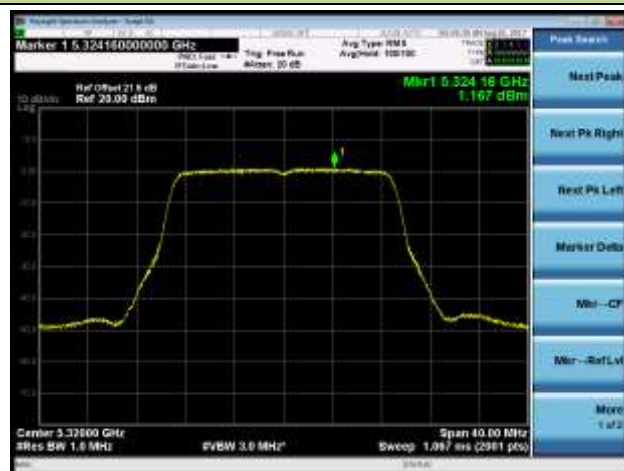
Channel 52 (5260MHz)



Channel 60 (5300MHz)

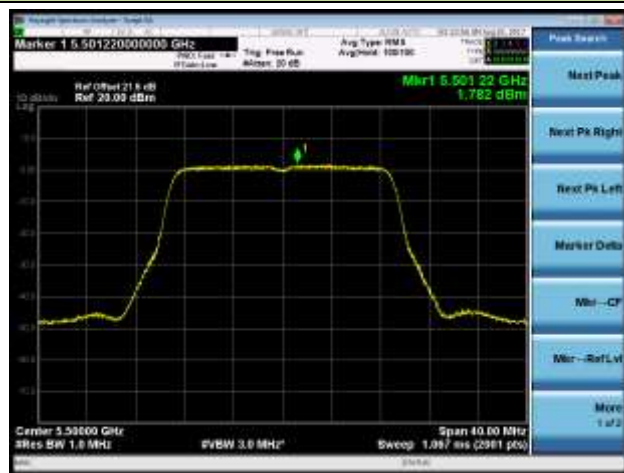


Channel 64 (5320MHz)



802.11n-HT20 Power Spectral Density - Ant 0 / Ant 0 + 1 + 2 + 3 (CDD Mode)

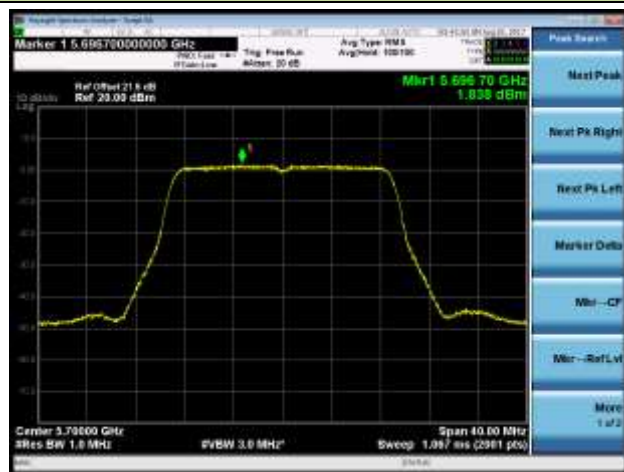
Channel 100 (5500MHz)



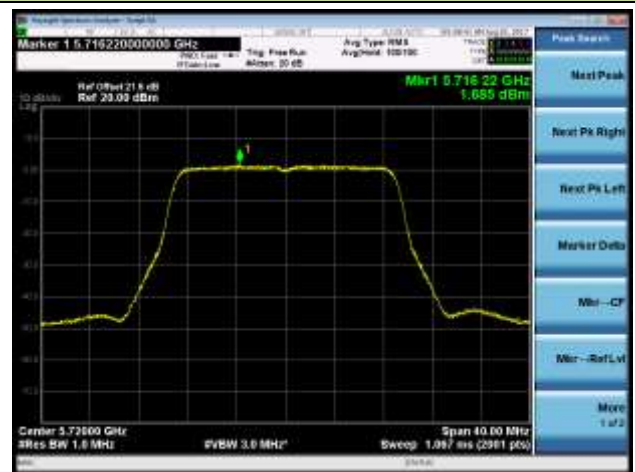
Channel 120 (5600MHz)



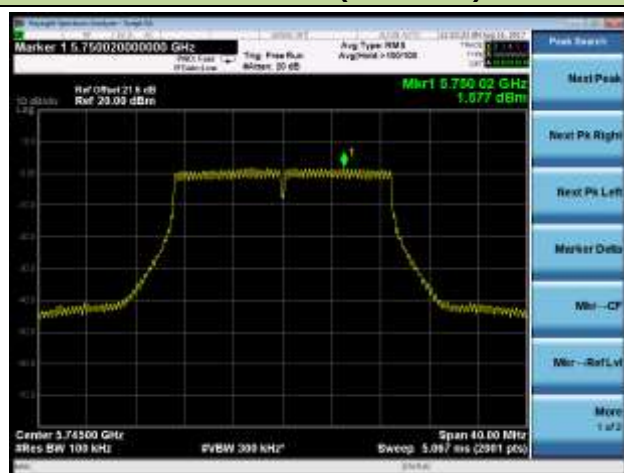
Channel 140 (5700MHz)



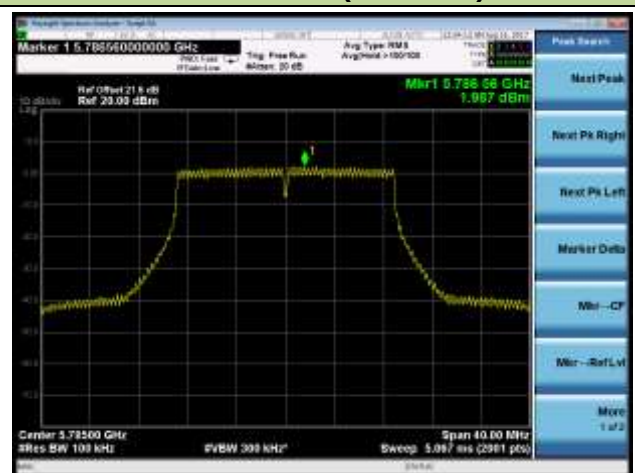
Channel 144 (5720MHz)



Channel 149 (5745MHz)

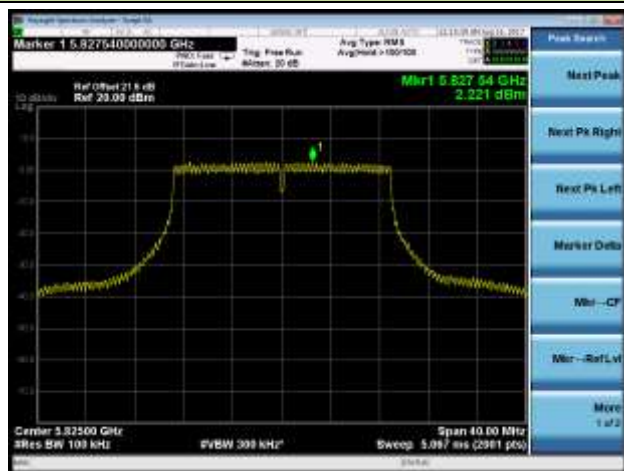


Channel 157 (5785MHz)



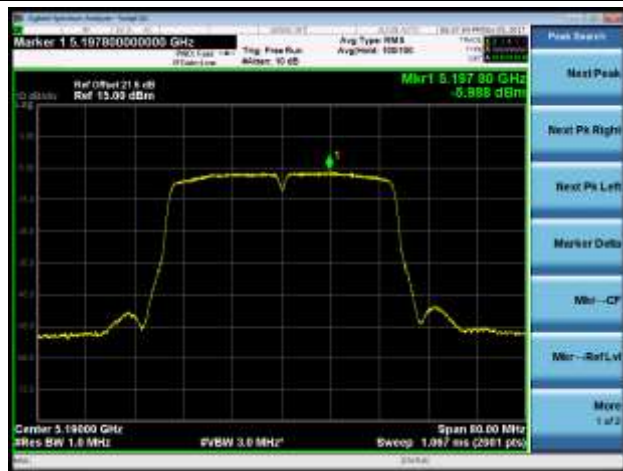
802.11n-HT20 Power Spectral Density - Ant 0 / Ant 0 + 1 + 2 + 3 (CDD Mode)

Channel 165 (5825MHz)



802.11n-HT40 Power Spectral Density - Ant 0 / Ant 0 + 1 + 2 + 3 (CDD Mode)

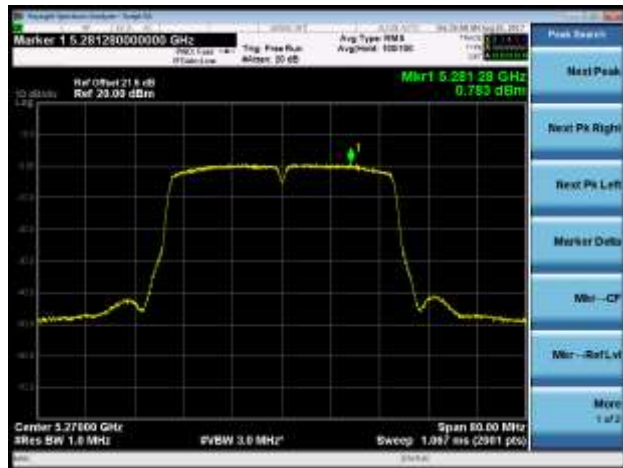
Channel 38 (5190MHz)



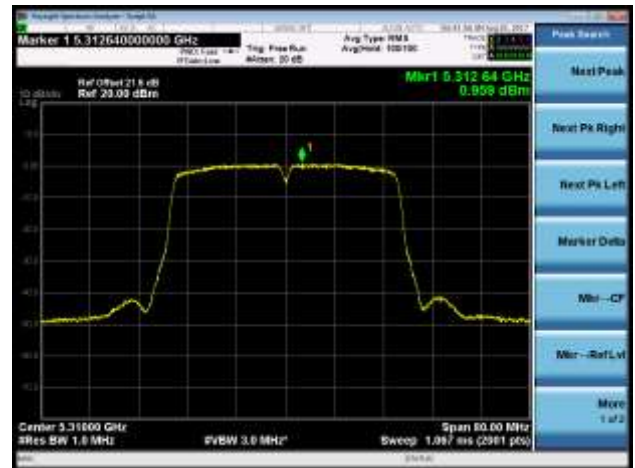
Channel 46 (5230MHz)



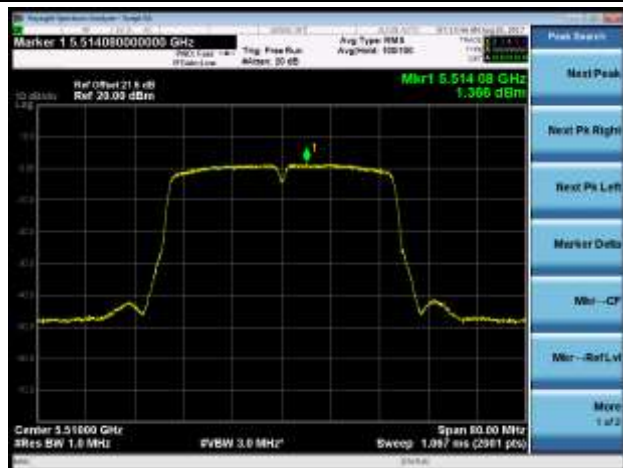
Channel 54 (5270MHz)



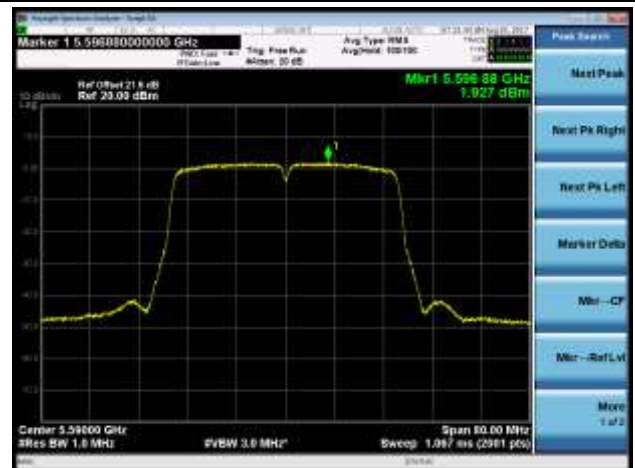
Channel 62 (5310MHz)



Channel 102 (5510MHz)

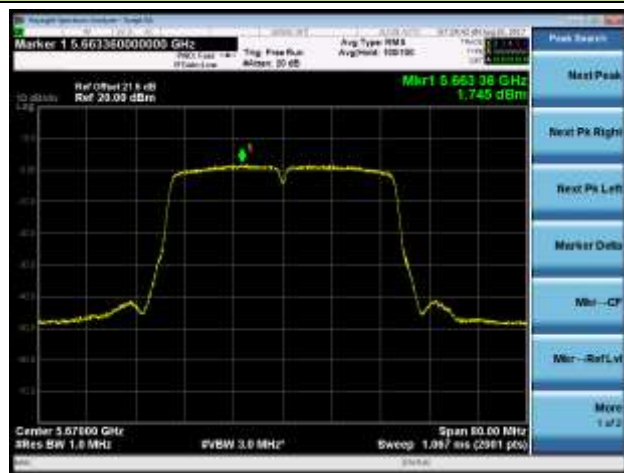


Channel 118 (5590MHz)

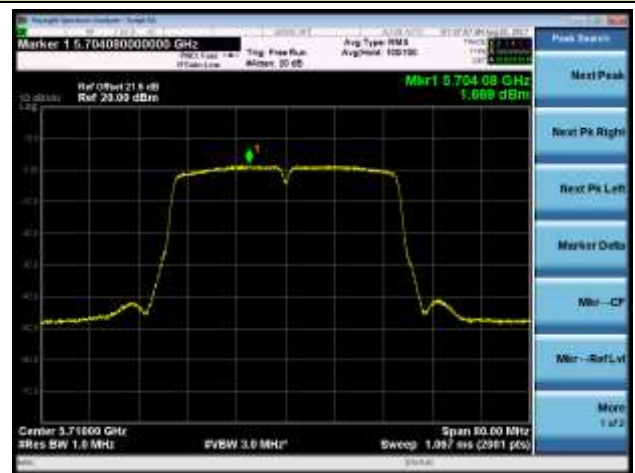


802.11n-HT40 Power Spectral Density - Ant 0 / Ant 0 + 1 + 2 + 3 (CDD Mode)

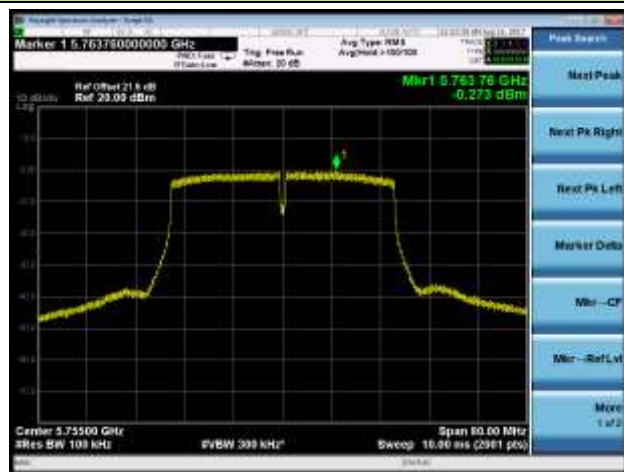
Channel 134 (5670MHz)



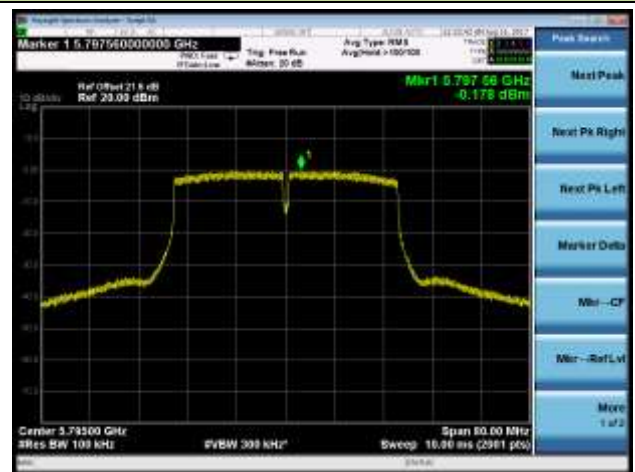
Channel 142 (5710MHz)



Channel 151 (5755MHz)

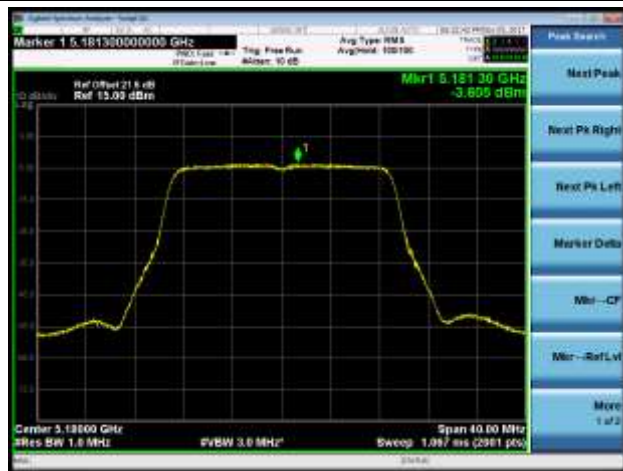


Channel 159 (5795MHz)

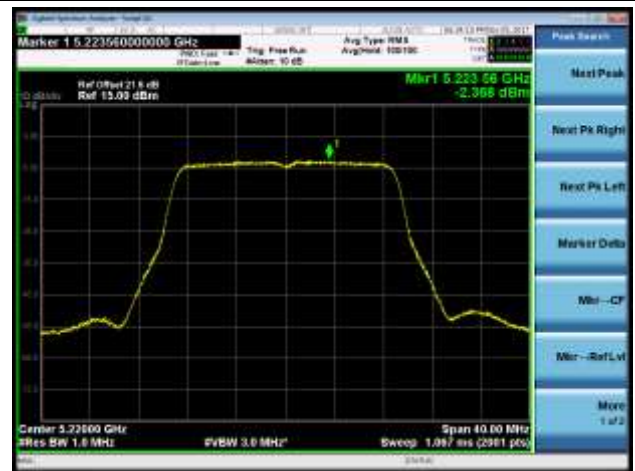


802.11ac-VHT20 Power Spectral Density - Ant 0 / Ant 0 + 1 + 2 + 3 (CDD Mode)

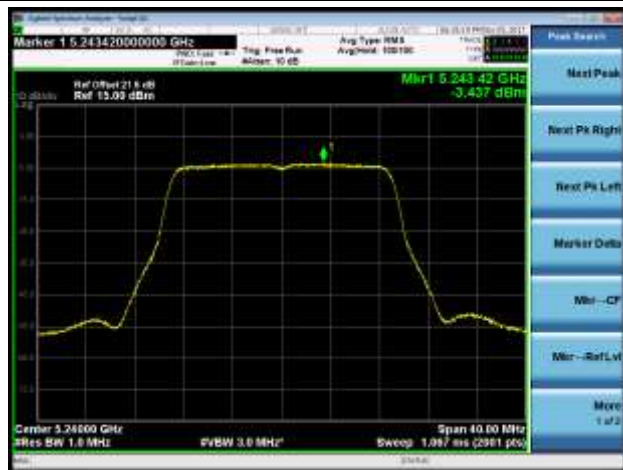
Channel 36 (5180MHz)



Channel 44 (5220MHz)



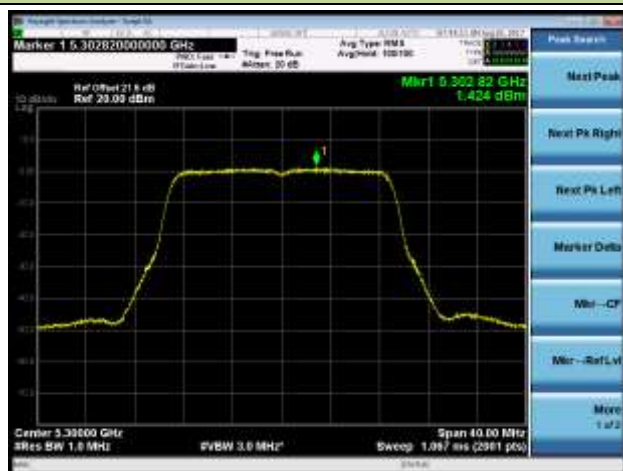
Channel 48 (5240MHz)



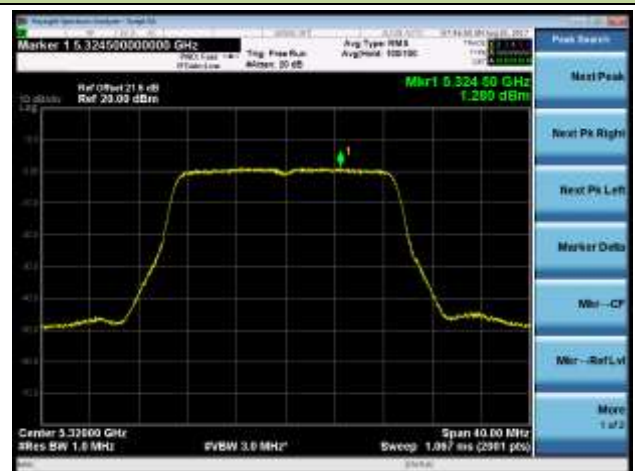
Channel 52 (5260MHz)



Channel 60 (5300MHz)

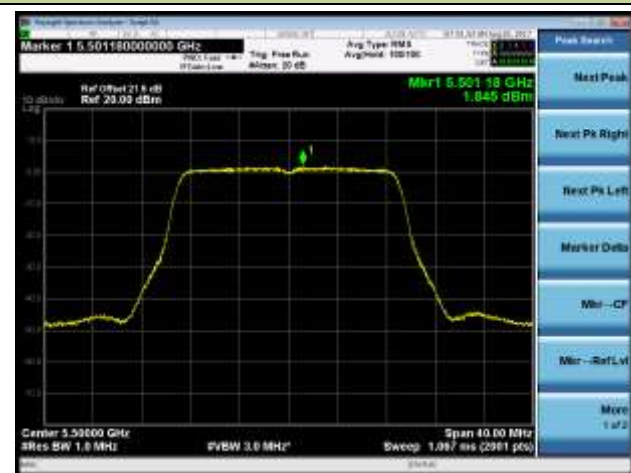


Channel 64 (5320MHz)



802.11ac-VHT20 Power Spectral Density - Ant 0 / Ant 0 + 1 + 2 + 3 (CDD Mode)

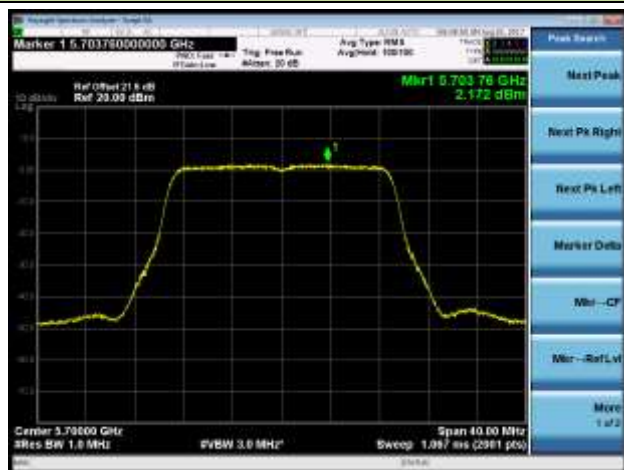
Channel 100 (5500MHz)



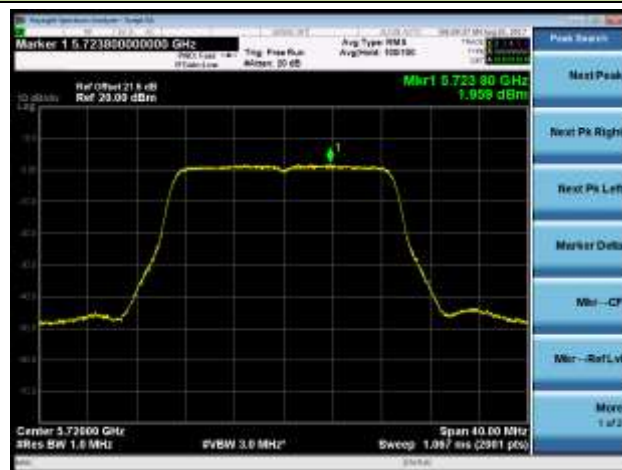
Channel 120 (5600MHz)



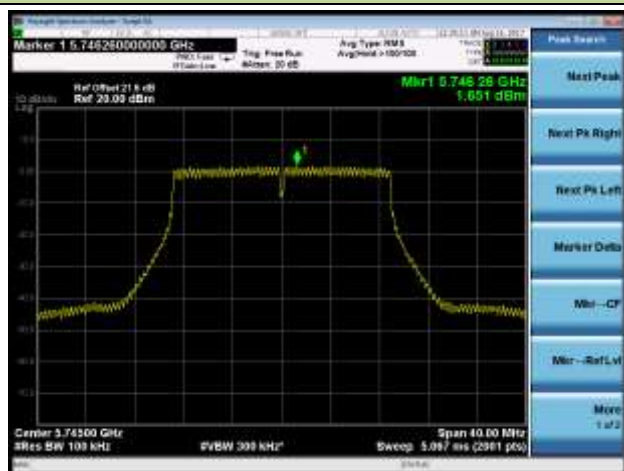
Channel 140 (5700MHz)



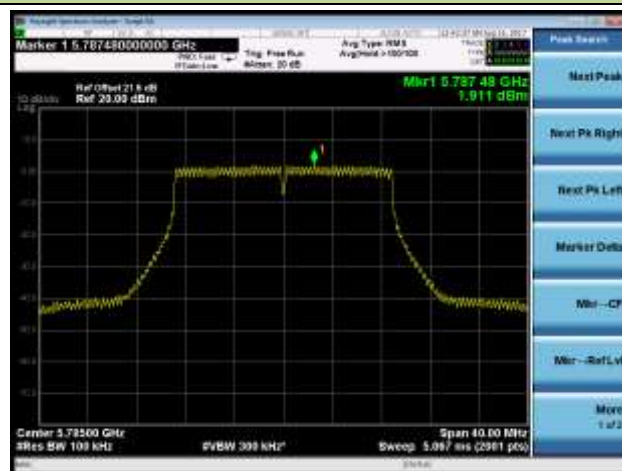
Channel 144 (5720MHz)



Channel 149 (5745MHz)

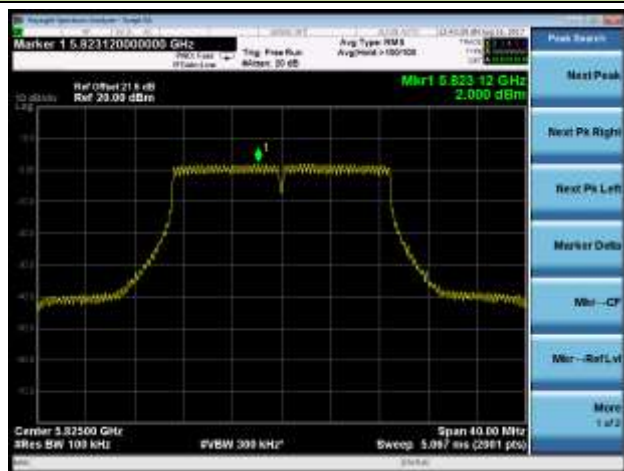


Channel 157 (5785MHz)



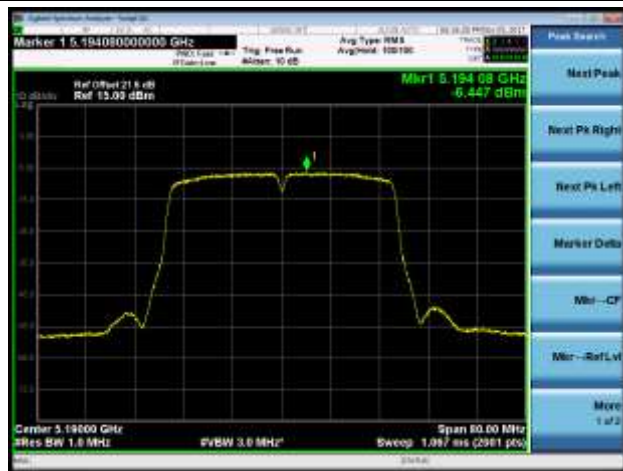
802.11ac-VHT20 Power Spectral Density - Ant 0 / Ant 0 + 1 + 2 + 3 (CDD Mode)

Channel 165 (5825MHz)



802.11ac-VHT40 Power Spectral Density - Ant 0 / Ant 0 + 1 + 2 + 3 (CDD Mode)

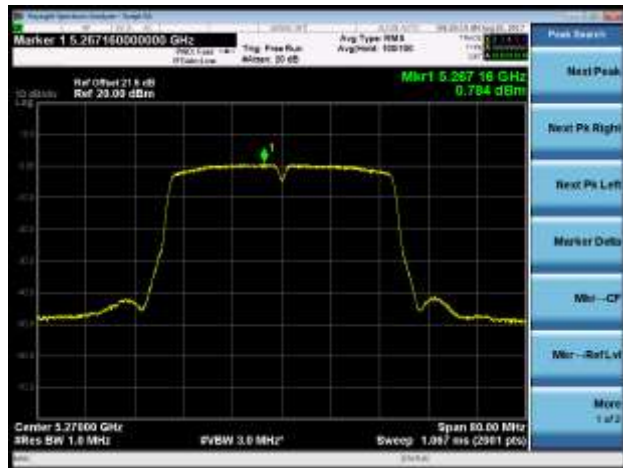
Channel 38 (5190MHz)



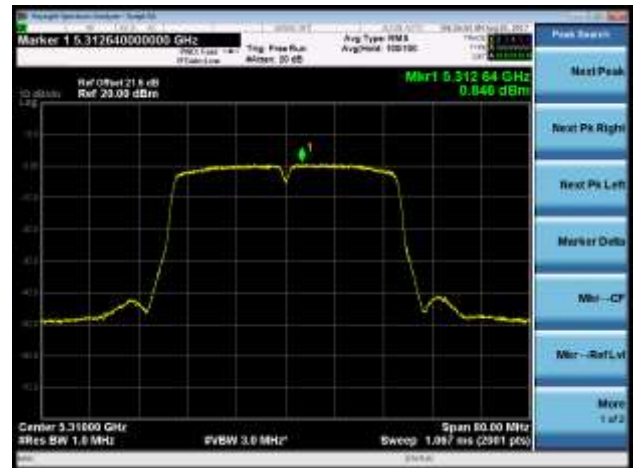
Channel 46 (5230MHz)



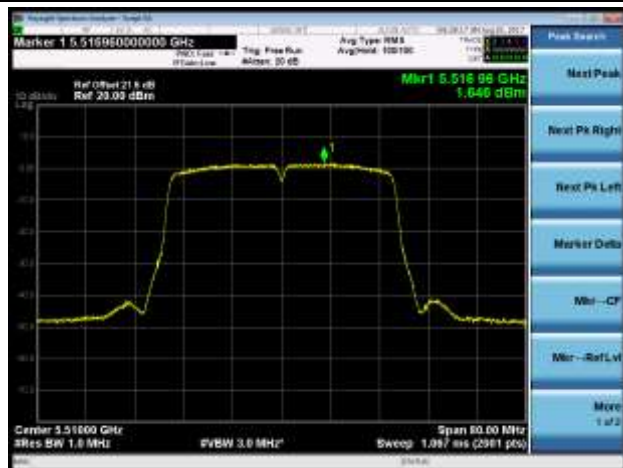
Channel 54 (5270MHz)



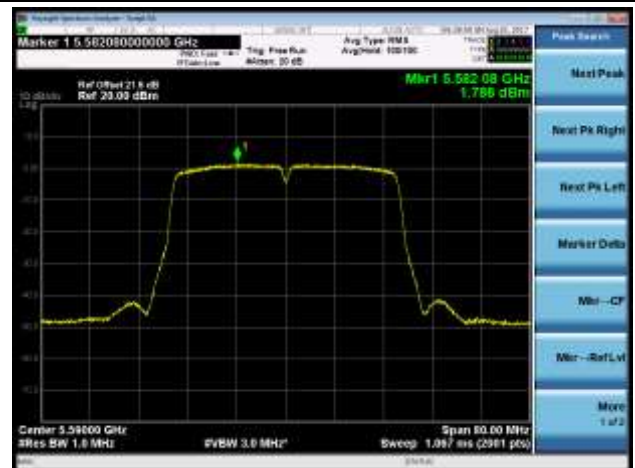
Channel 62 (5310MHz)



Channel 102 (5510MHz)

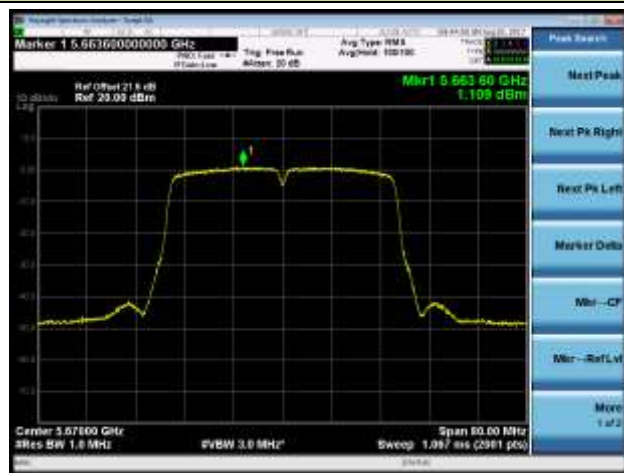


Channel 118 (5590MHz)



802.11ac-VHT40 Power Spectral Density - Ant 0 / Ant 0 + 1 + 2 + 3 (CDD Mode)

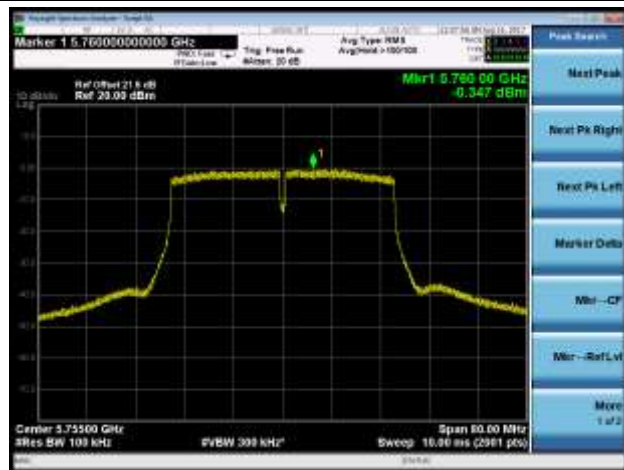
Channel 134 (5670MHz)



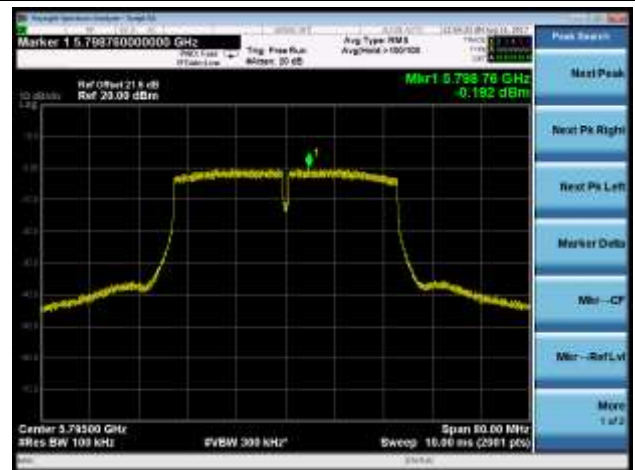
Channel 142 (5710MHz)



Channel 151 (5755MHz)

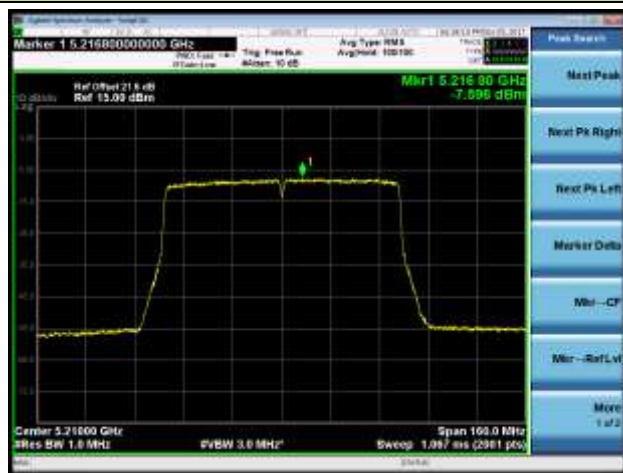


Channel 159 (5795MHz)

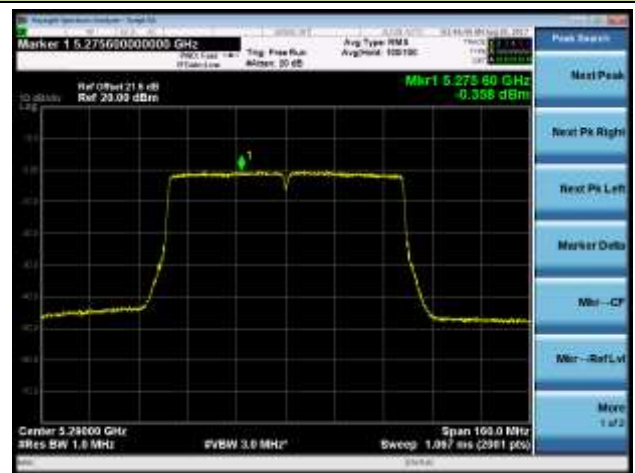


802.11ac-VHT80 Power Spectral Density - Ant 0 / Ant 0 + 1 + 2 + 3 (CDD Mode)

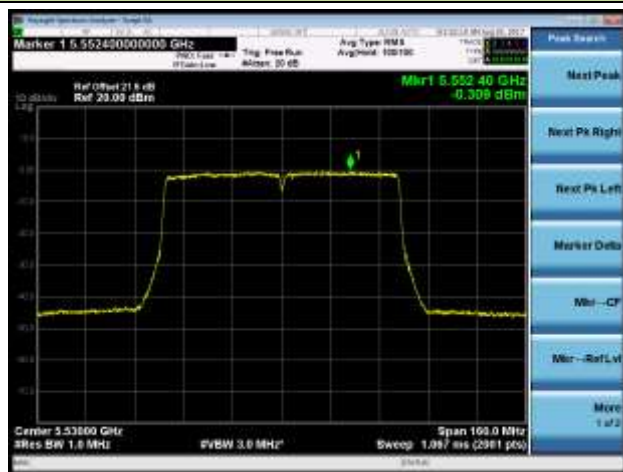
Channel 42 (5210MHz)



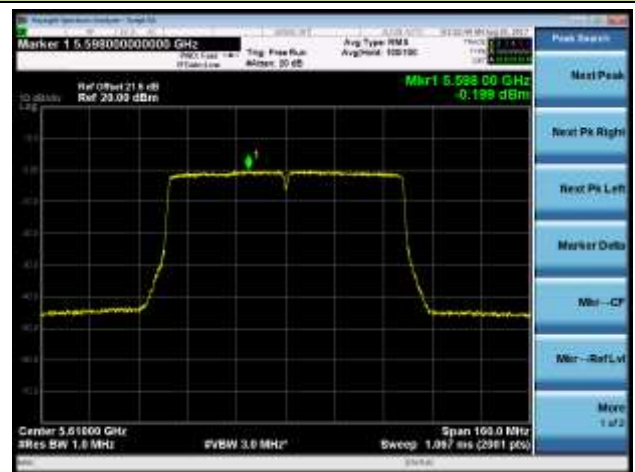
Channel 58 (5290MHz)



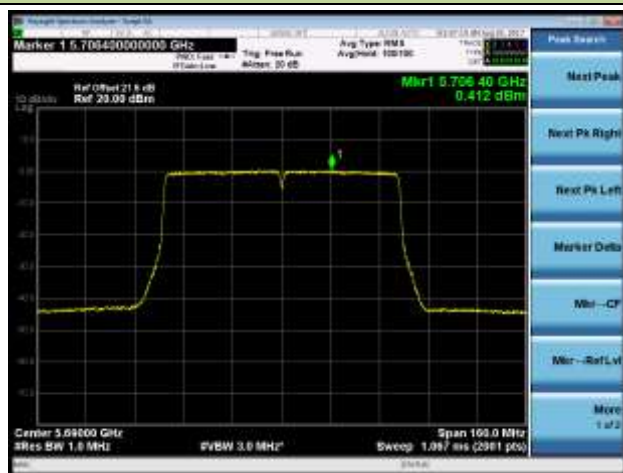
Channel 106 (5530MHz)



Channel 122 (5610MHz)



Channel 138 (5690MHz)



Channel 155 (5775MHz)

