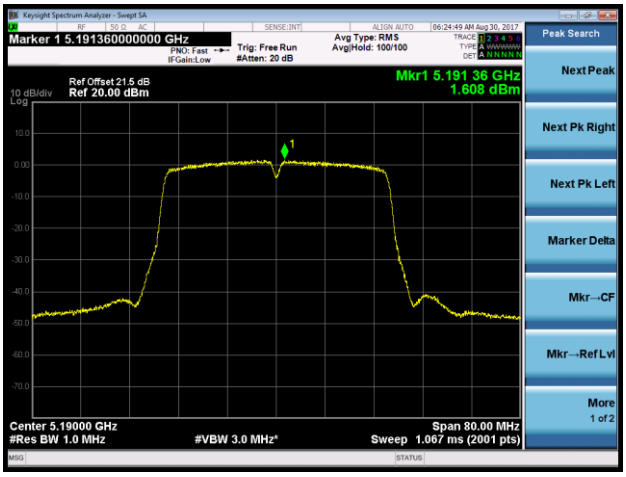
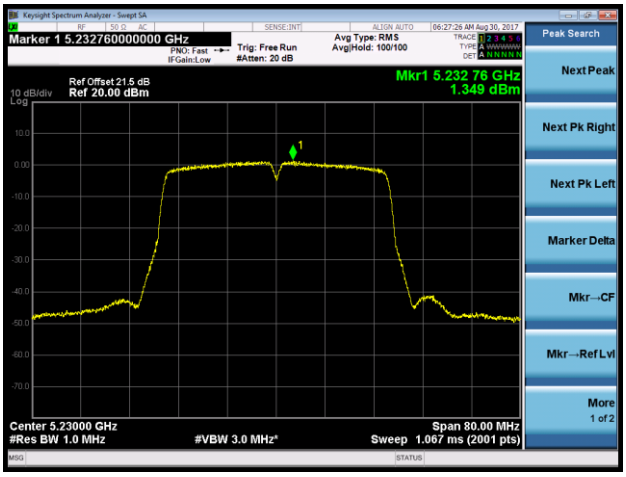
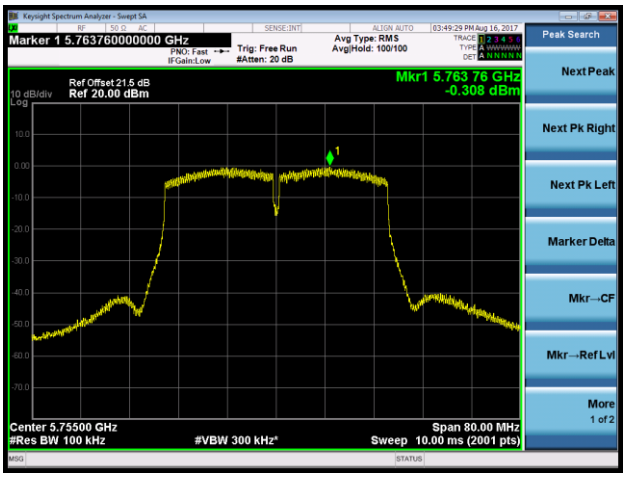
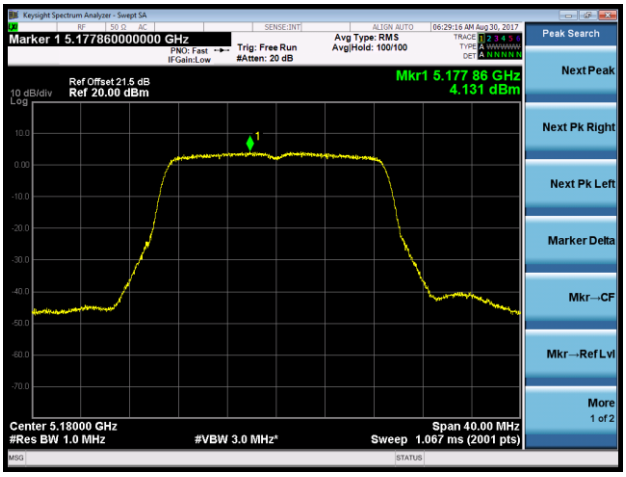
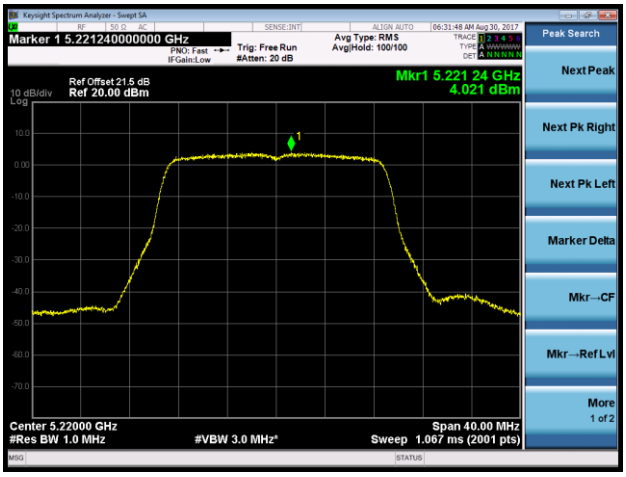
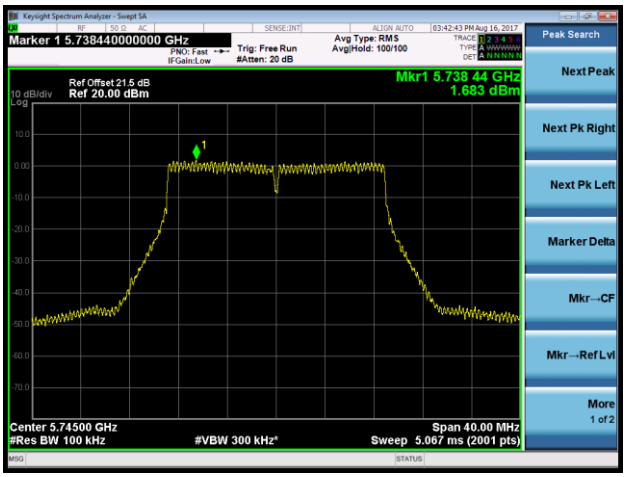
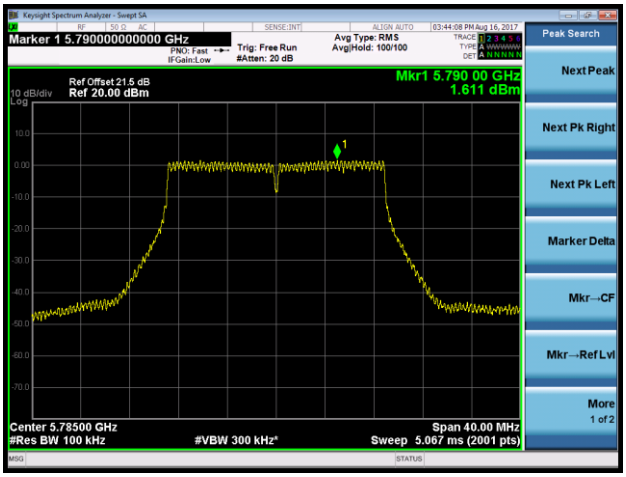
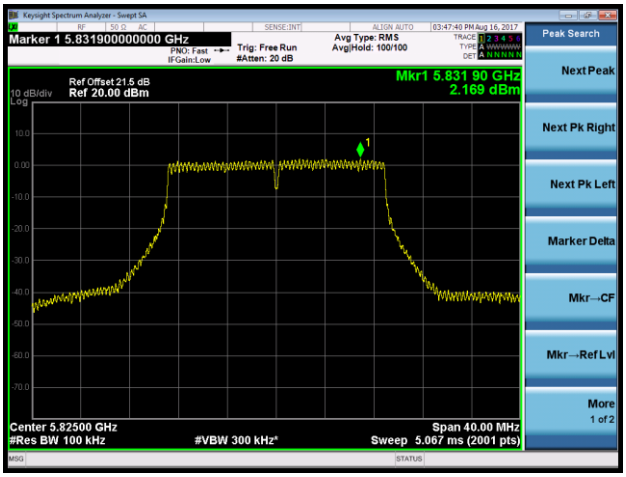
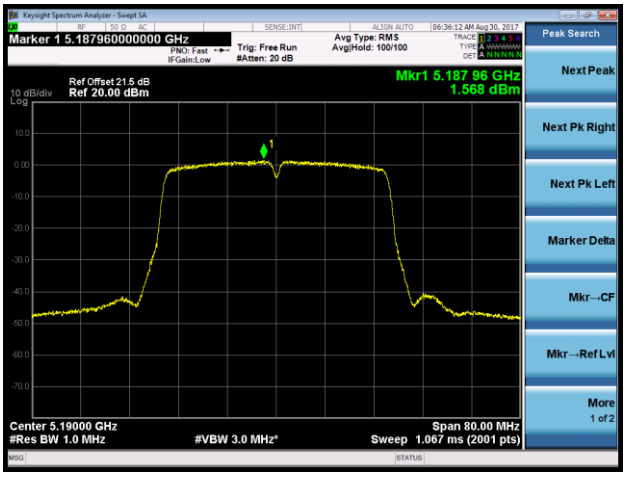
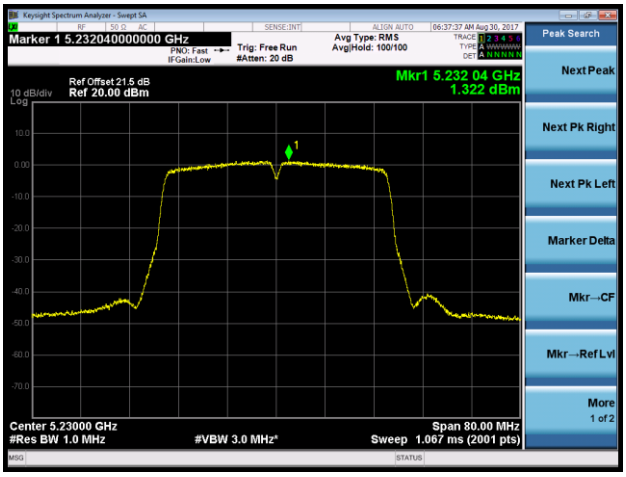
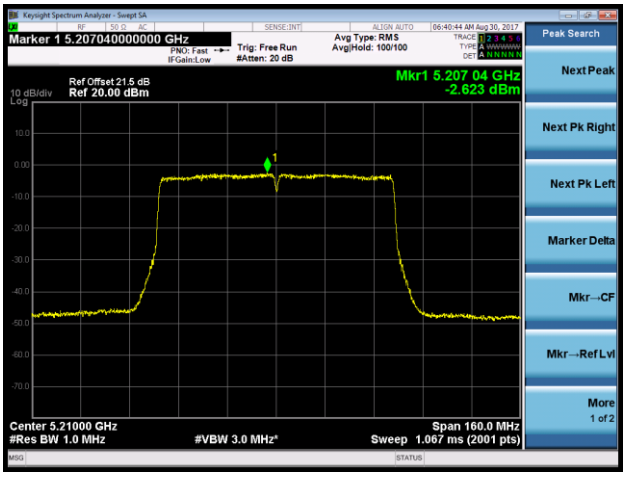
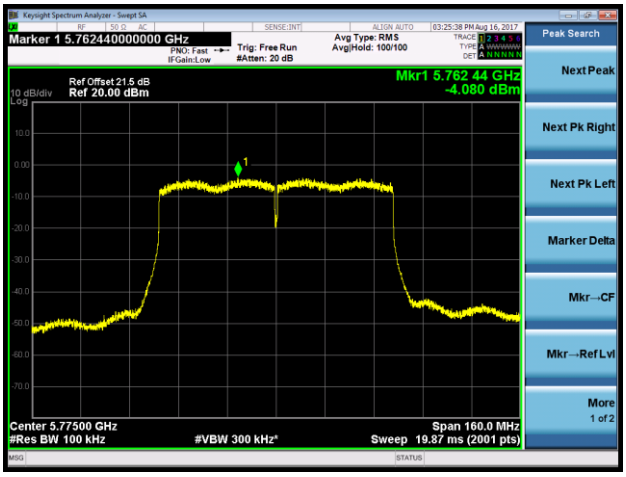
802.11n-HT40 Power Spectral Density - Ant 1 / Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	
Channel 38 (5190MHz)	**Channel 46 (5230MHz)**
	
Channel 151 (5755MHz)	**Channel 159 (5795MHz)**
	

802.11ac-VHT20 Power Spectral Density - Ant 1 / Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	
Channel 36 (5180MHz)	**Channel 44 (5220MHz)**
	
Channel 48 (5240MHz)	**Channel 149 (5745MHz)**
	
Channel 157 (5785MHz)	**Channel 165 (5825MHz)**
	

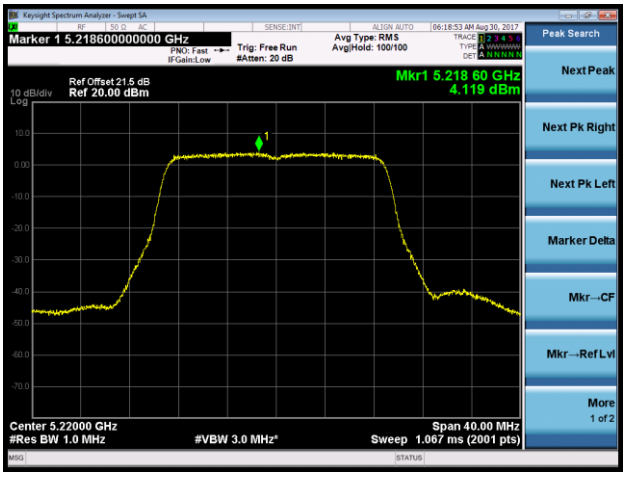
802.11ac-VHT40 Power Spectral Density - Ant 1 / Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	
Channel 38 (5190MHz)	**Channel 46 (5230MHz)**
	
Channel 151 (5755MHz)	**Channel 159 (5795MHz)**

802.11ac-VHT80 Power Spectral Density - Ant 1 / Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	
Channel 42 (5210MHz)	Channel 155 (5775MHz)
	
802.11ac-VHT80+80 Power Spectral Density - Ant 1 / Ant 0 + 1 (Ant 0 + 1 + 2 + 3) (Beam-Forming Mode)	
Channel 42 (5210MHz)	Channel 155 (5775MHz)

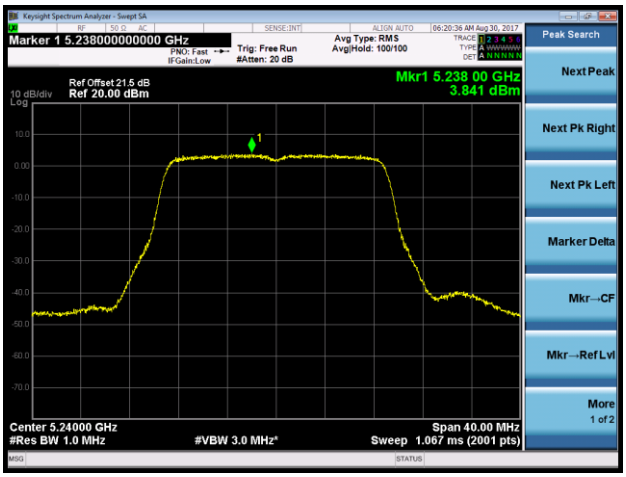
802.11n-HT20 Power Spectral Density - Ant 2 / Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)

Channel 36 (5180MHz)

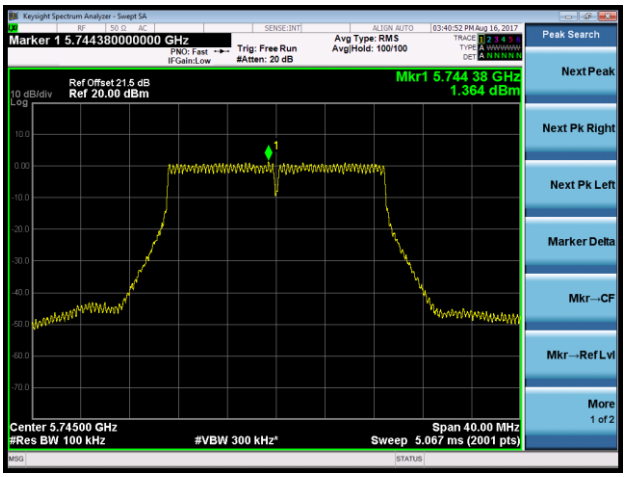
Channel 44 (5220MHz)



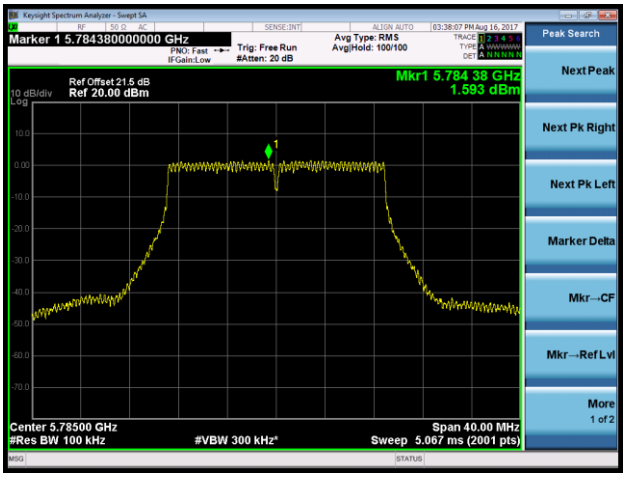
Channel 48 (5240MHz)



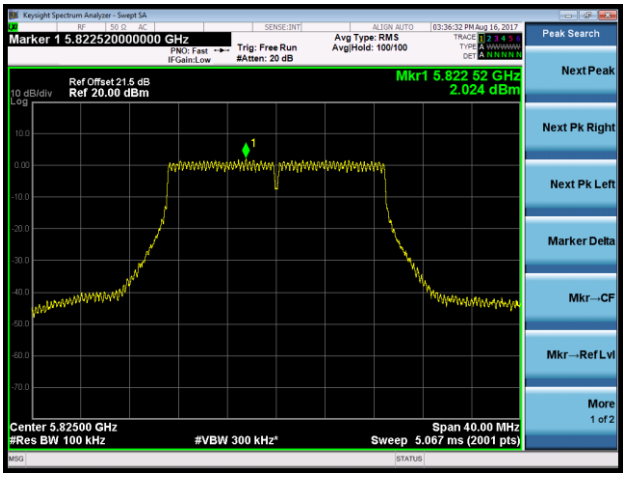
Channel 149 (5745MHz)

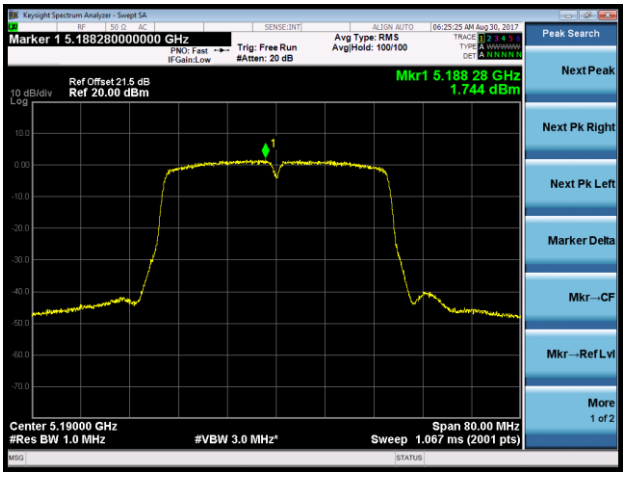
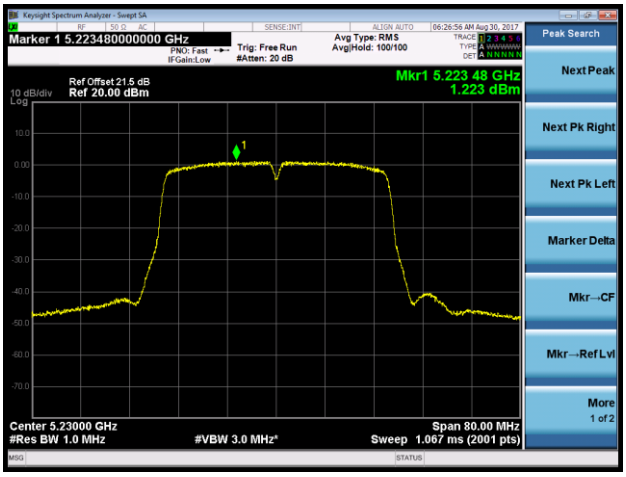
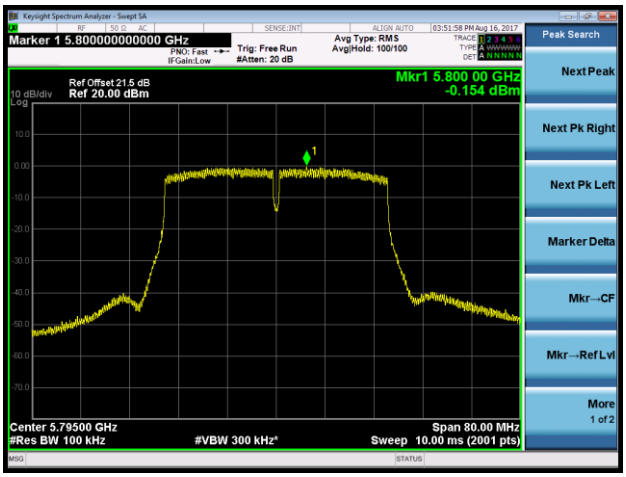


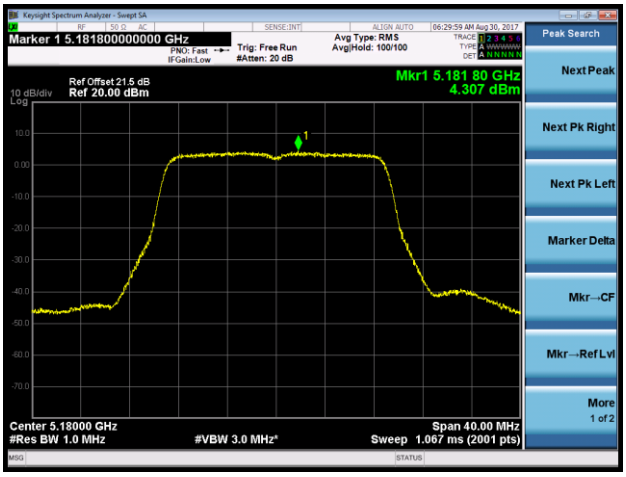
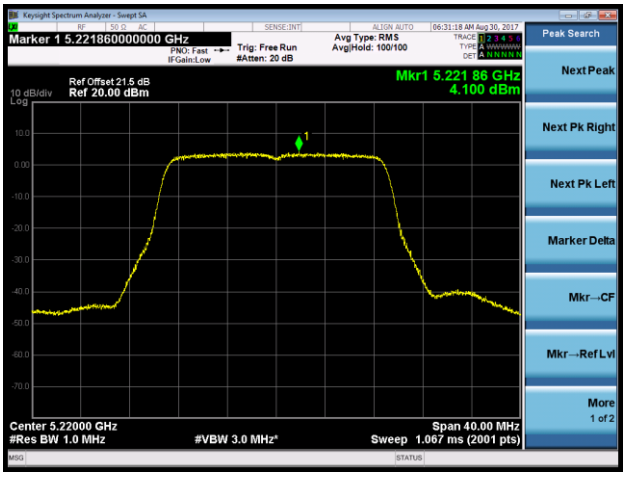
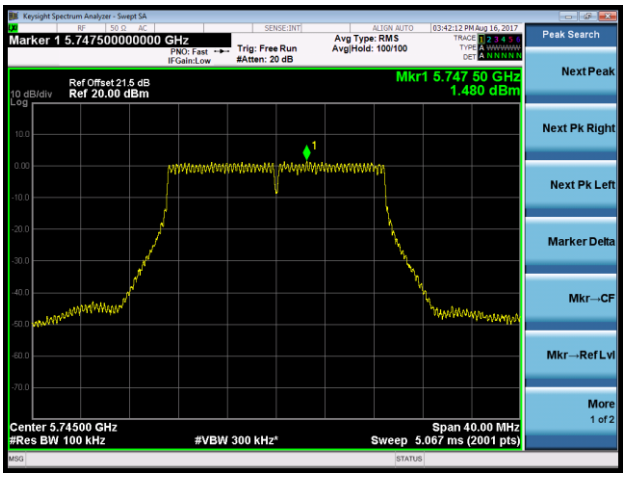
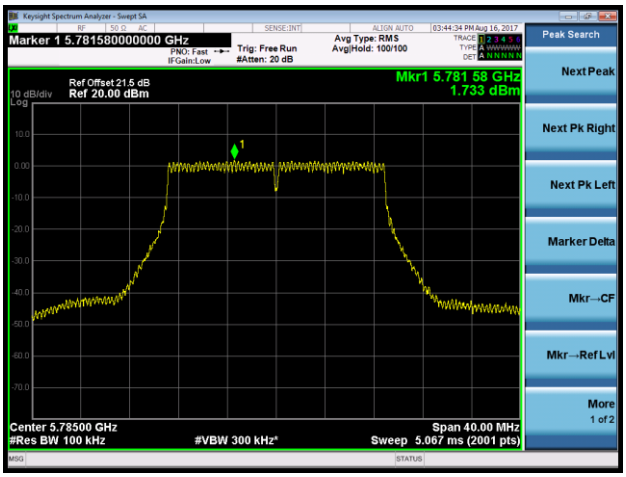
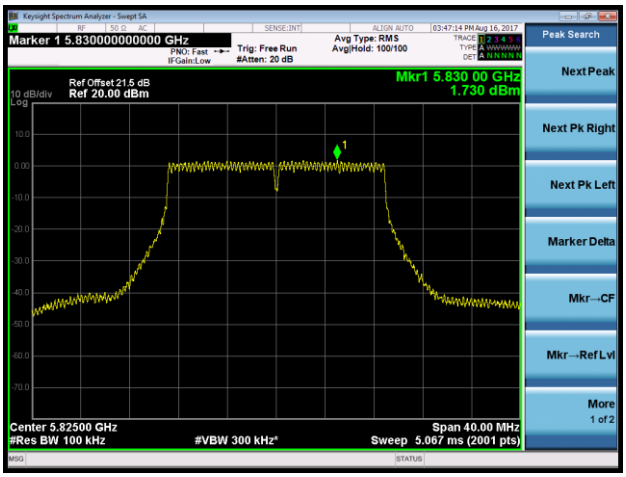
Channel 157 (5785MHz)

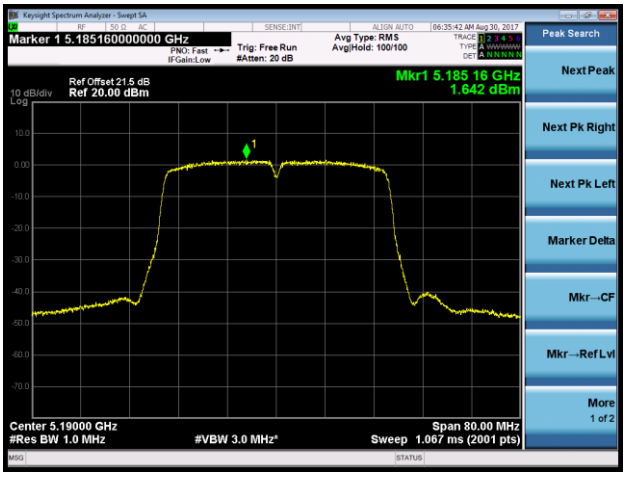
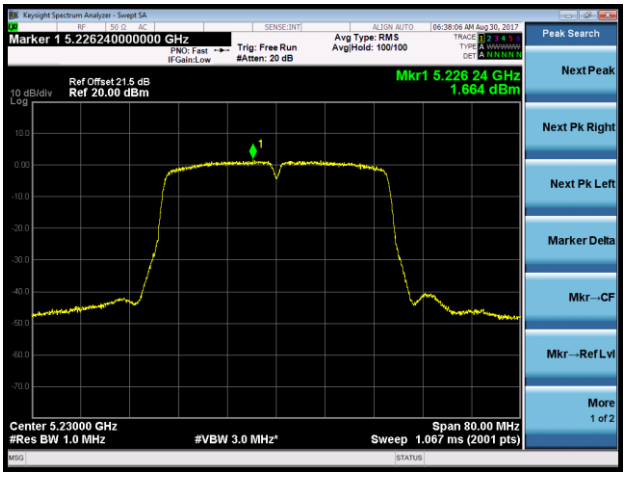
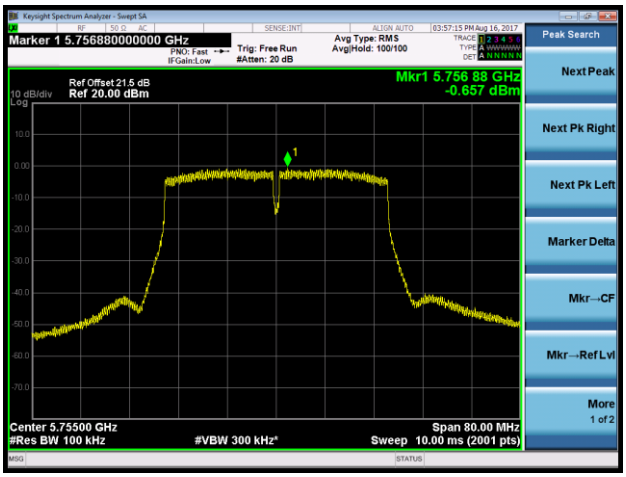
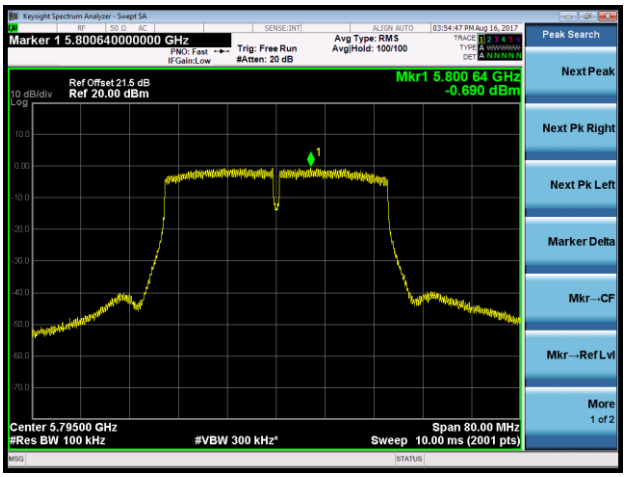


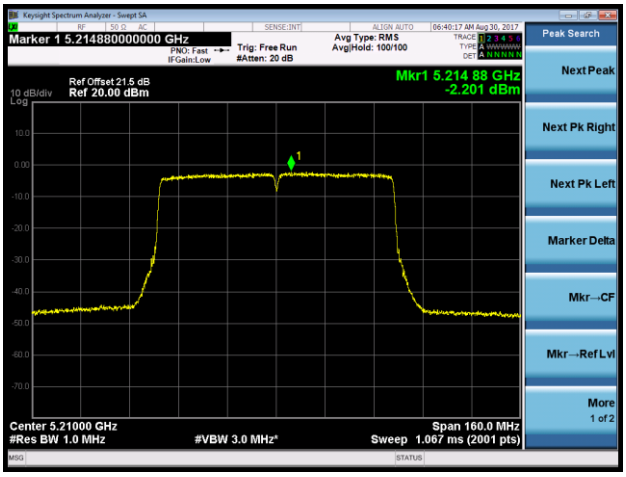
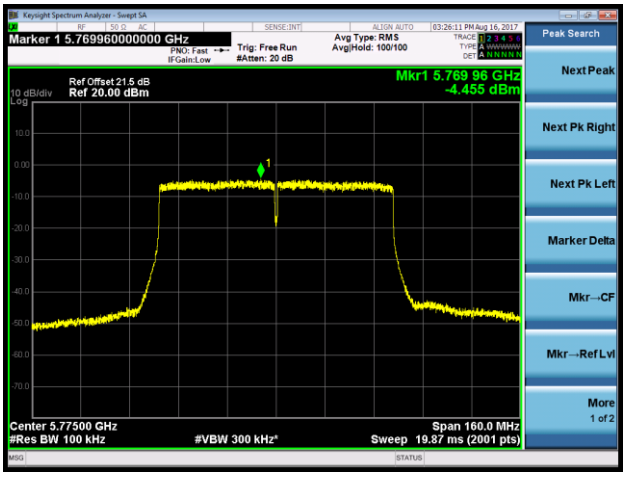
Channel 165 (5825MHz)

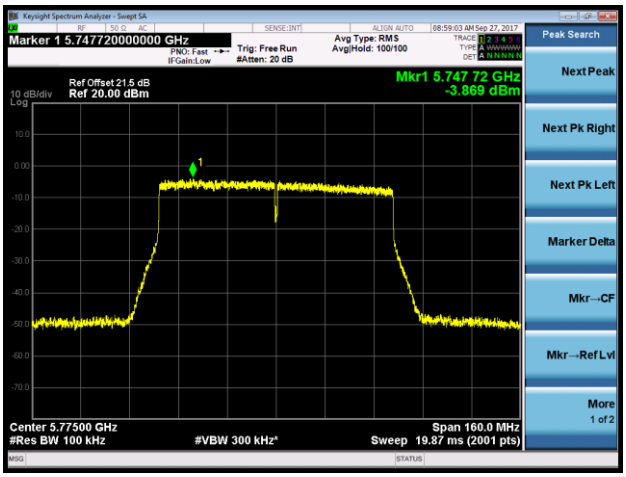


802.11n-HT40 Power Spectral Density - Ant 2 / Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	
Channel 38 (5190MHz)	**Channel 46 (5230MHz)**
	
Channel 151 (5755MHz)	**Channel 159 (5795MHz)**
	

802.11ac-VHT20 Power Spectral Density - Ant 2 / Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	
Channel 36 (5180MHz)	**Channel 44 (5220MHz)**
	
Channel 48 (5240MHz)	**Channel 149 (5745MHz)**
	
Channel 157 (5785MHz)	**Channel 165 (5825MHz)**
	

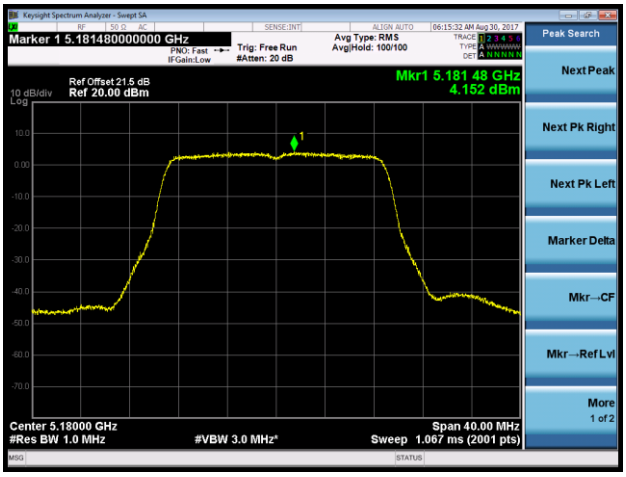
802.11ac-VHT40 Power Spectral Density - Ant 2 / Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	
Channel 38 (5190MHz)	**Channel 46 (5230MHz)**
	
Channel 151 (5755MHz)	**Channel 159 (5795MHz)**
	

802.11ac-VHT80 Power Spectral Density - Ant 2 / Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	
Channel 42 (5210MHz)	Channel 155 (5775MHz)
	

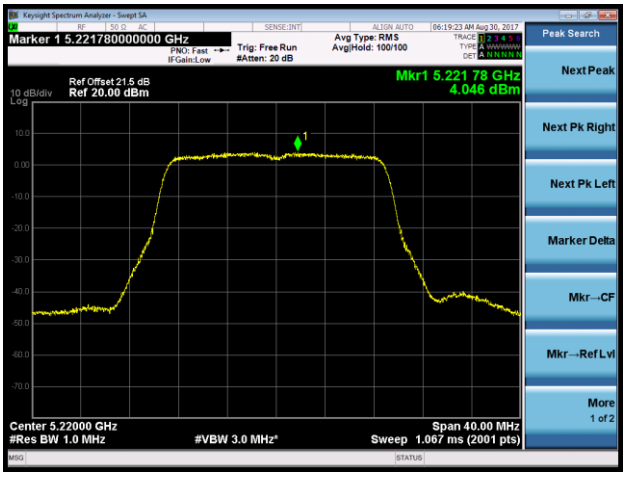
802.11ac-VHT80+80 Power Spectral Density - Ant 2 / Ant 2 + 3 (Ant 0 + 1 + 2 + 3) (Beam-Forming Mode)	
Channel 42 (5210MHz)	Channel 155 (5775MHz)
	

802.11n-HT20 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)

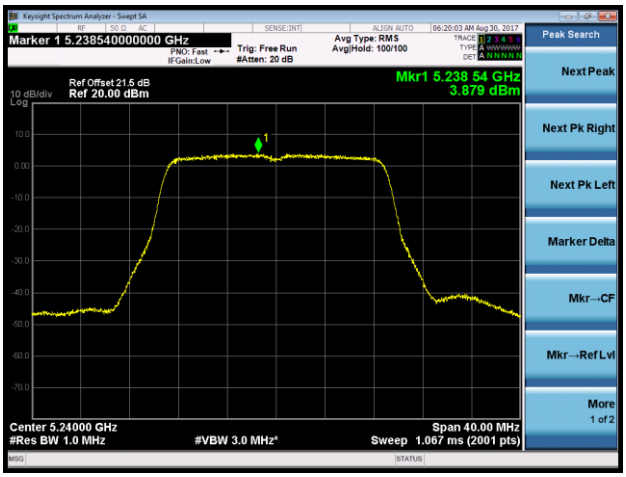
Channel 36 (5180MHz)



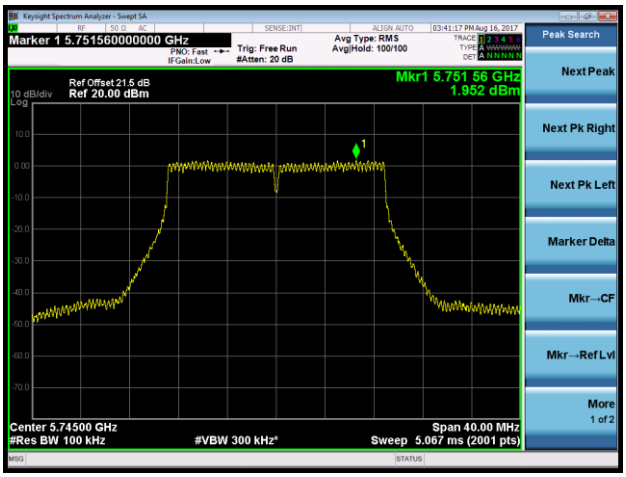
Channel 44 (5220MHz)



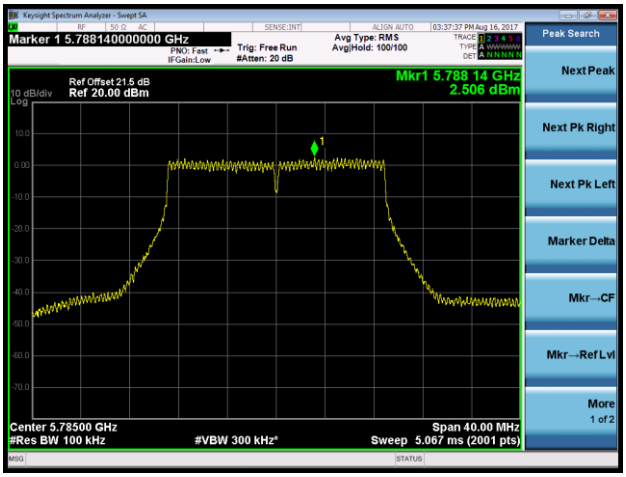
Channel 48 (5240MHz)



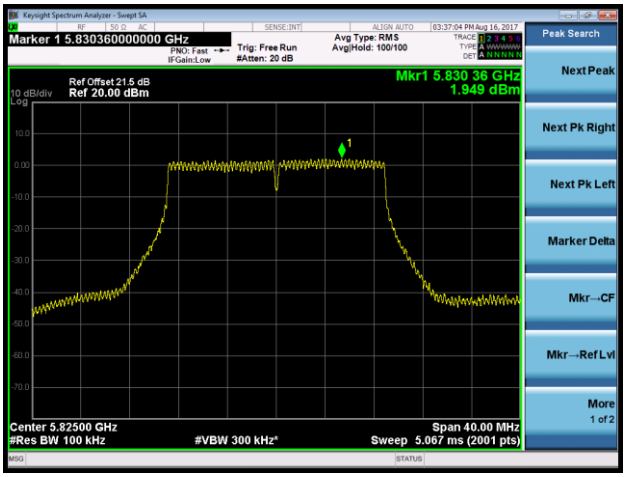
Channel 149 (5745MHz)

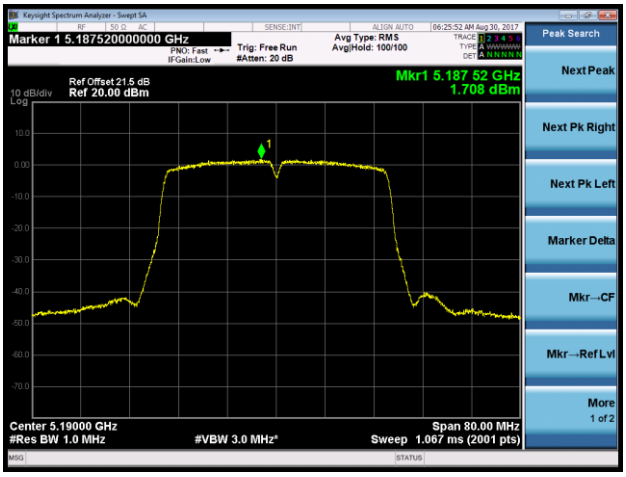
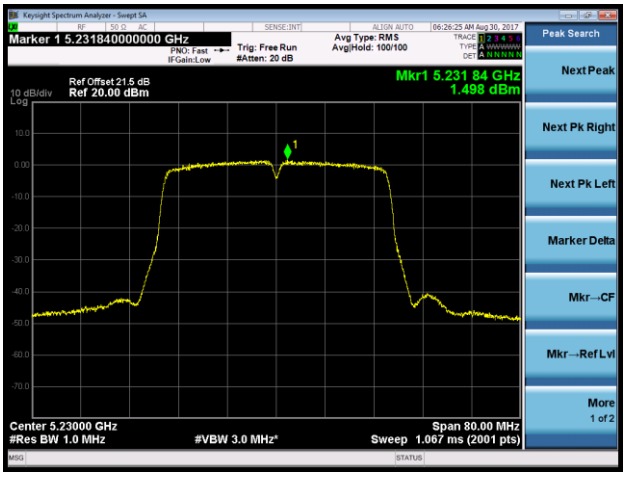
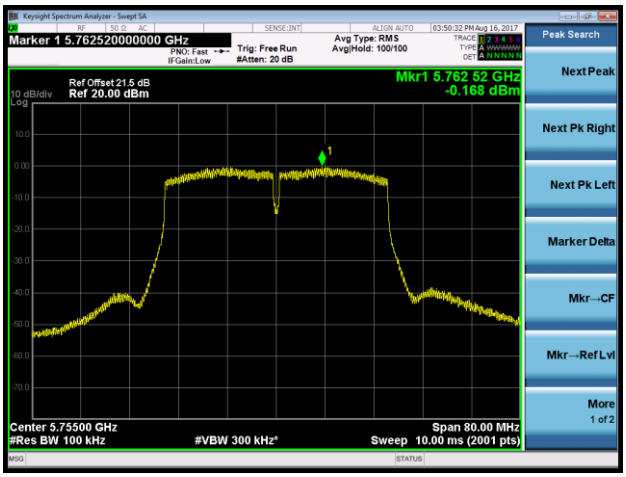


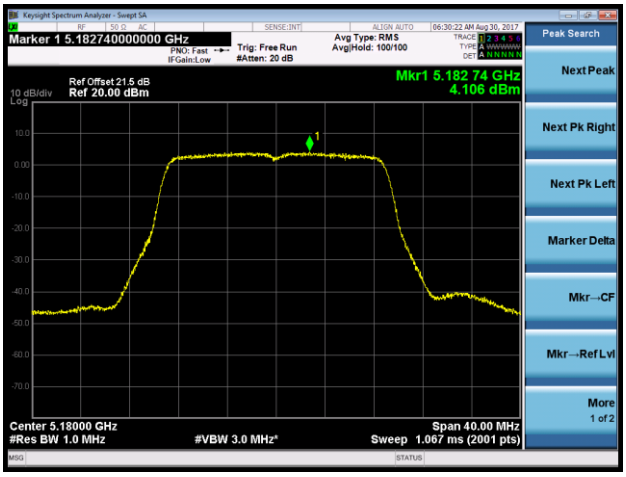
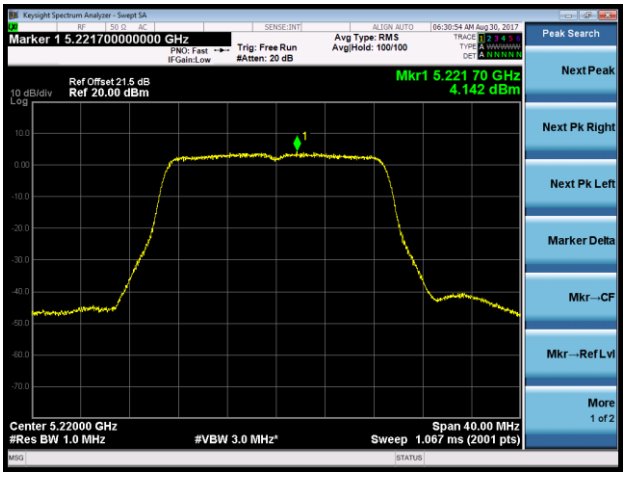
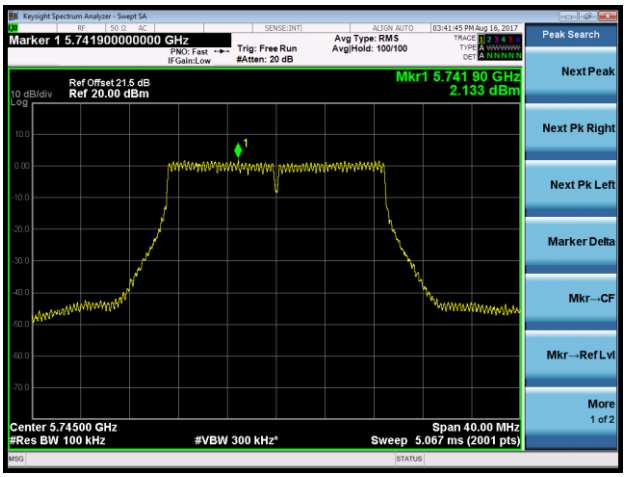
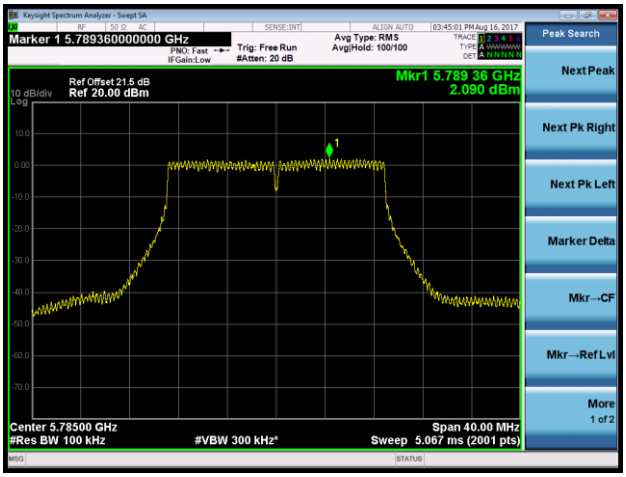
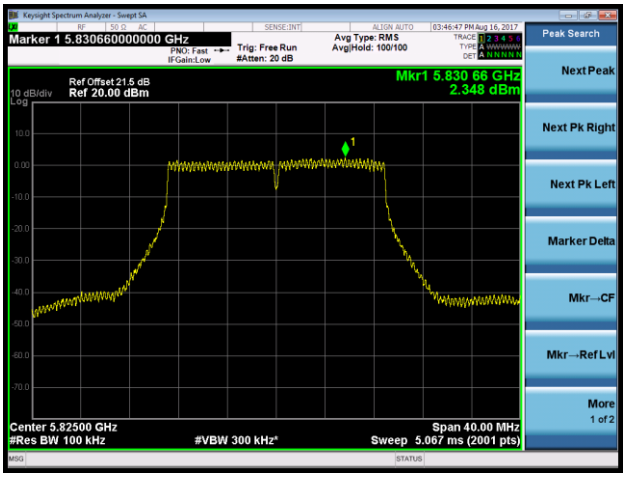
Channel 157 (5785MHz)

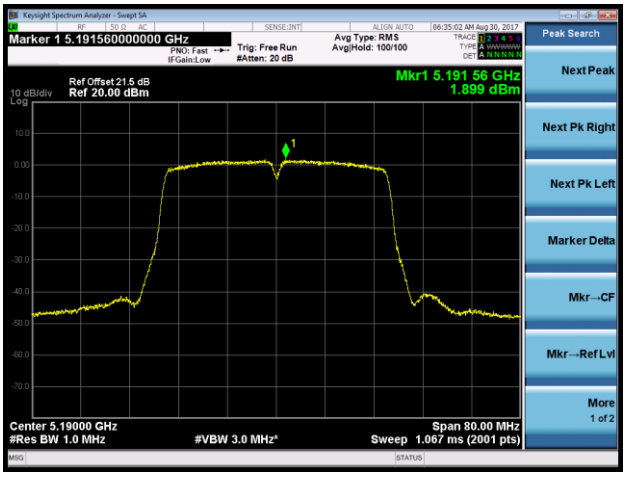
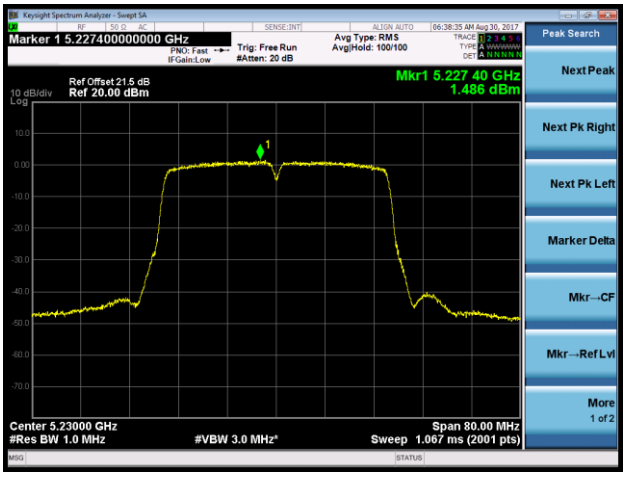


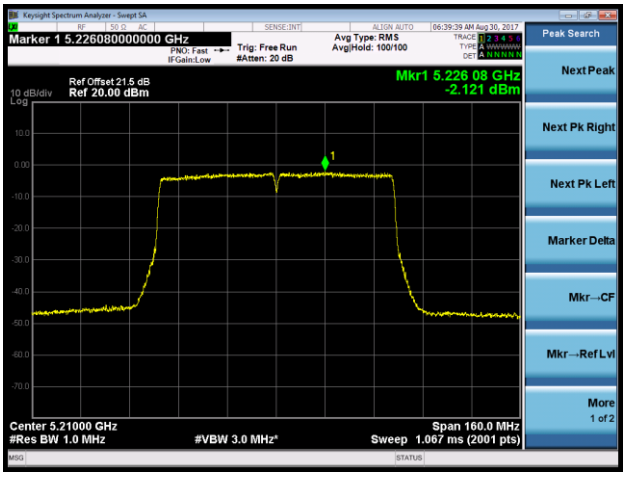
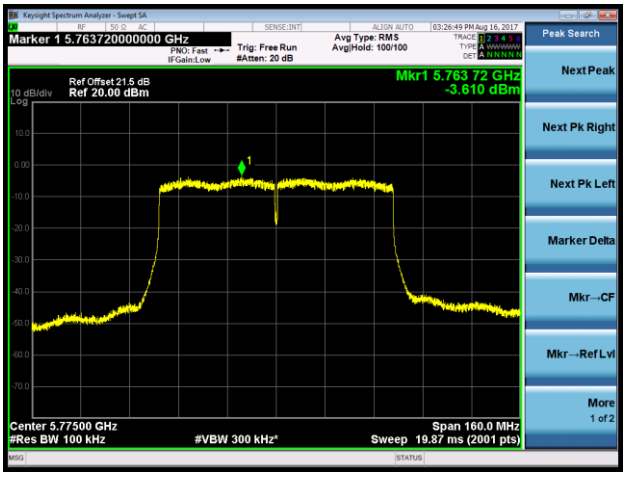
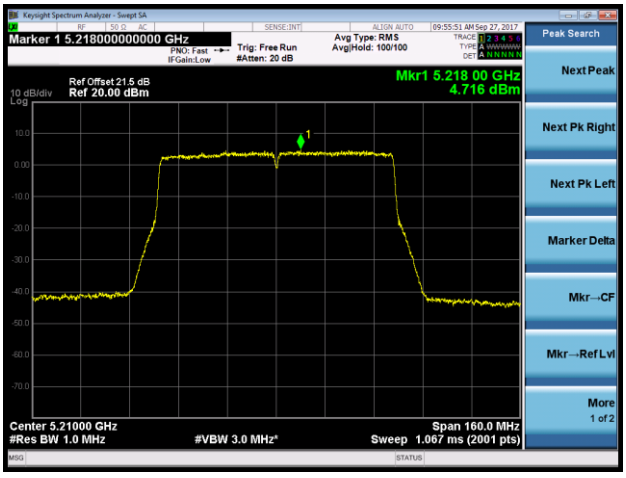
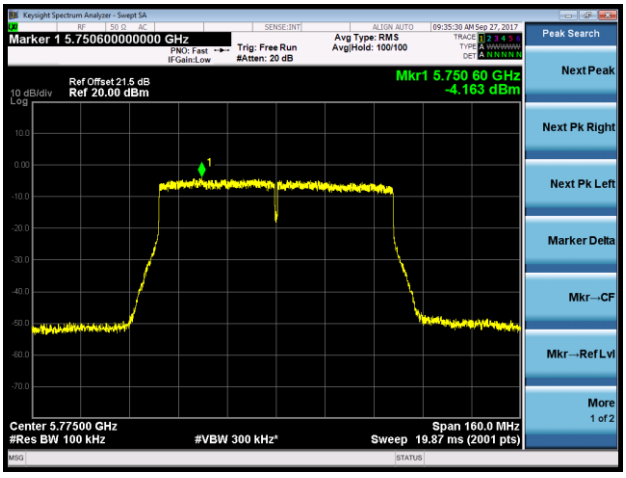
Channel 165 (5825MHz)



802.11n-HT40 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	
Channel 38 (5190MHz)	**Channel 46 (5230MHz)**
	
Channel 151 (5755MHz)	**Channel 159 (5795MHz)**
	

802.11ac-VHT20 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	
Channel 36 (5180MHz)	**Channel 44 (5220MHz)**
	
Channel 48 (5240MHz)	**Channel 149 (5745MHz)**
	
Channel 157 (5785MHz)	**Channel 165 (5825MHz)**
	

802.11ac-VHT40 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	
Channel 38 (5190MHz)	**Channel 46 (5230MHz)**
	
Channel 151 (5755MHz)	**Channel 159 (5795MHz)**

802.11ac-VHT80 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	
Channel 42 (5210MHz)	Channel 155 (5775MHz)
	
802.11ac-VHT80+80 Power Spectral Density - Ant 3 / Ant 2 + 3 (Ant 0 + 1 + 2 + 3) (Beam-Forming Mode)	
Channel 42 (5210MHz)	Channel 155 (5775MHz)
	

5. Frequency Stability Measurement Test Result

Test Engineer	Kevin Ker	Temperature	-30 ~ 50°C
Test Time	2017/08/27	Relative Humidity	48 ~ 55%RH
Test Mode	5180MHz (Carrier Mode)	Test Site	SR2

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)} $*10^6$.

6. Radiated Spurious Emission Measurement Test Result

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:	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:	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:	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:	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:	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:	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:	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:	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:	802.11n-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)