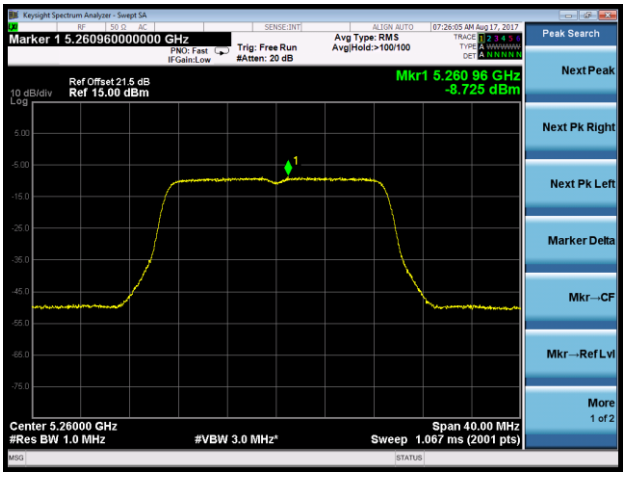
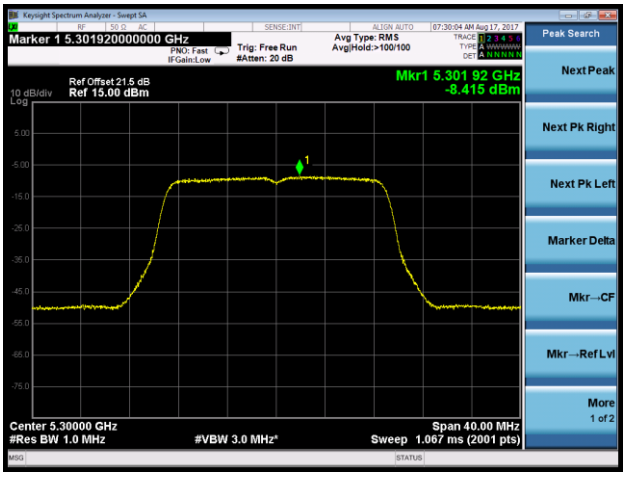
802.11ac-VHT20 Power Spectral Density - Ant 2 / Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)

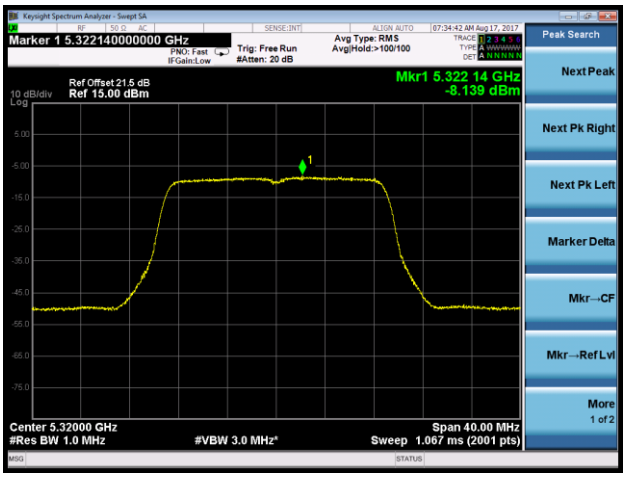
Channel 52 (5260MHz)



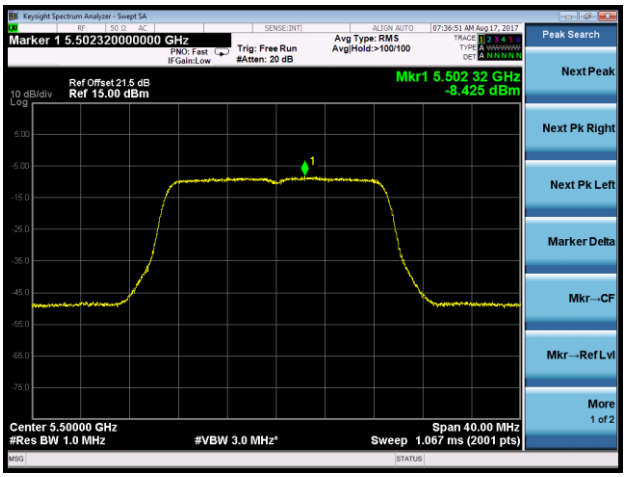
Channel 60 (5300MHz)



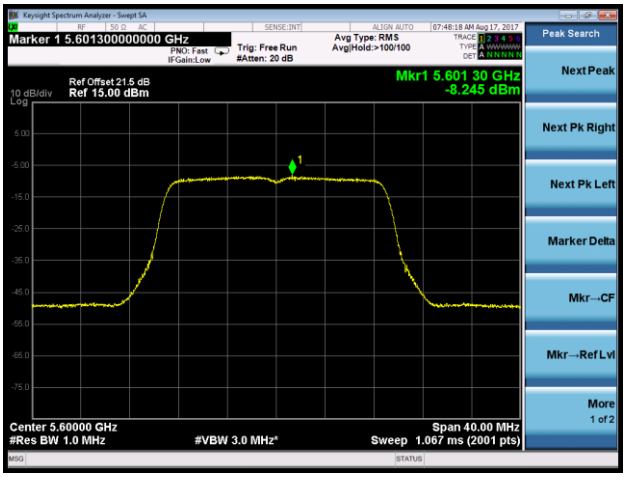
Channel 64 (5320MHz)



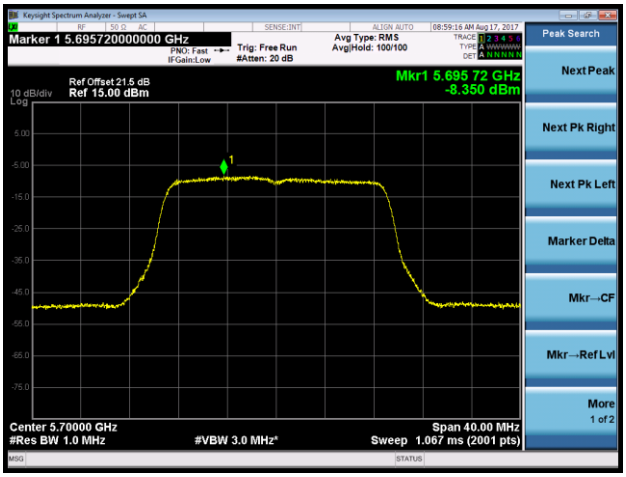
Channel 100 (5500MHz)

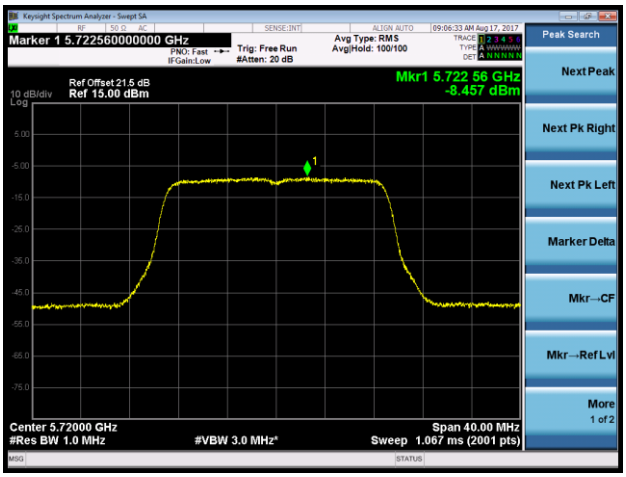


Channel 120 (5600MHz)



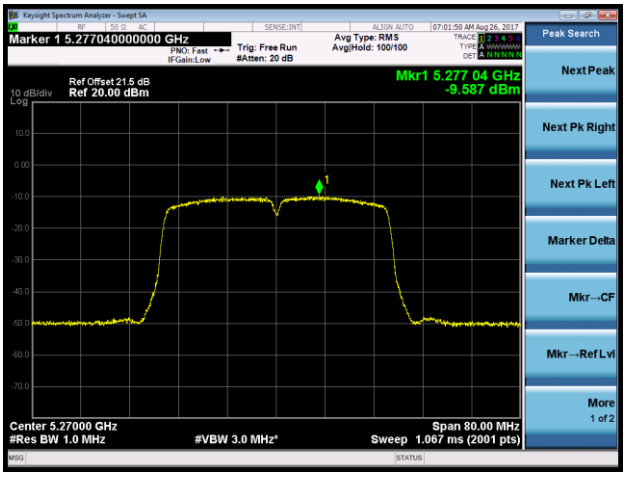
Channel 140 (5700MHz)



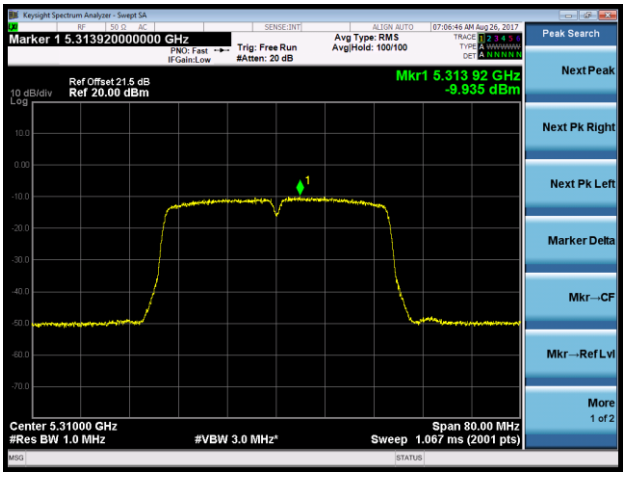
802.11ac-VHT20 Power Spectral Density - Ant 2 / Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	
Channel 144 (5720MHz)	
	

802.11ac-VHT40 Power Spectral Density - Ant 2 / Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)

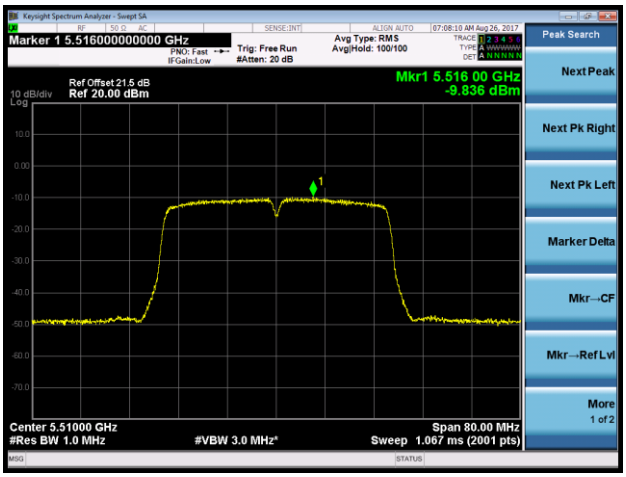
Channel 54 (5270MHz)



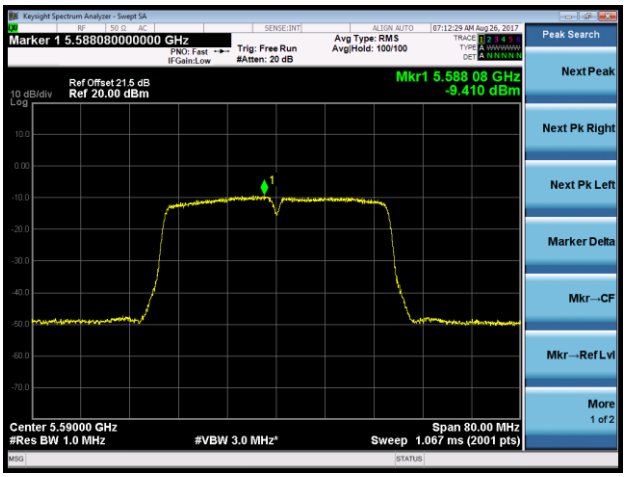
Channel 62 (5310MHz)



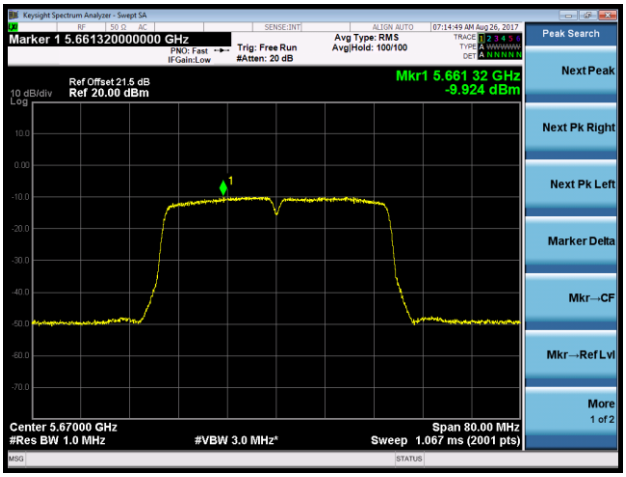
Channel 102 (5510MHz)



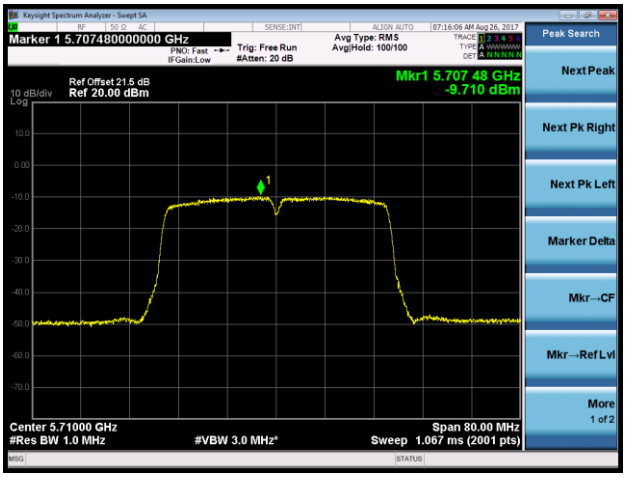
Channel 118 (5590MHz)



Channel 134 (5670MHz)

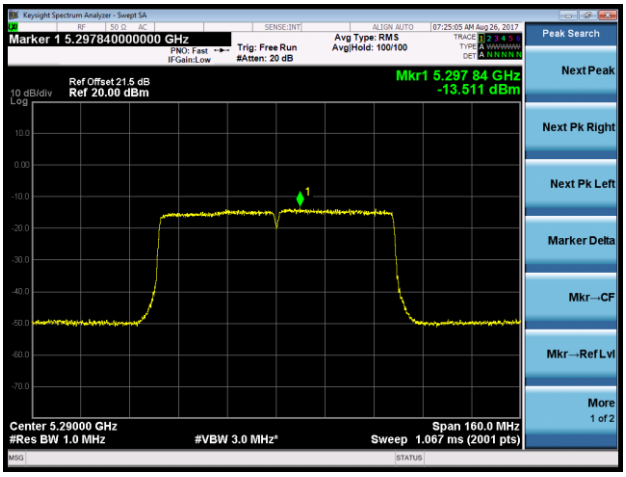


Channel 142 (5710MHz)

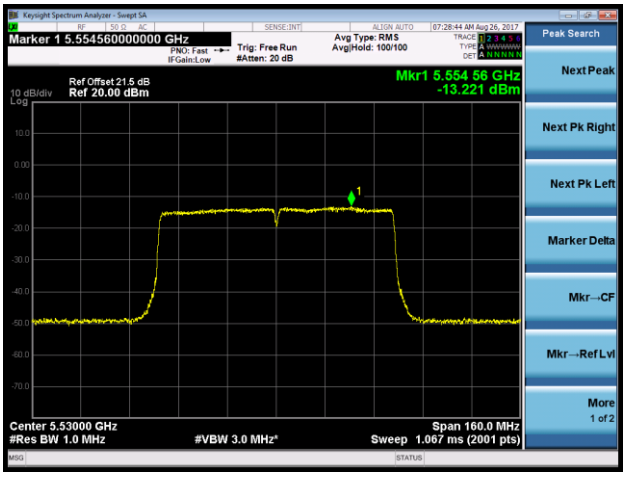


802.11ac-VHT80 Power Spectral Density - Ant 2 / Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)

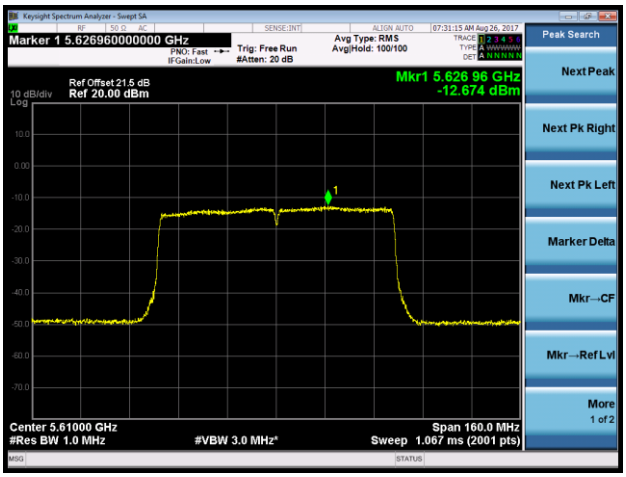
Channel 58 (5290MHz)



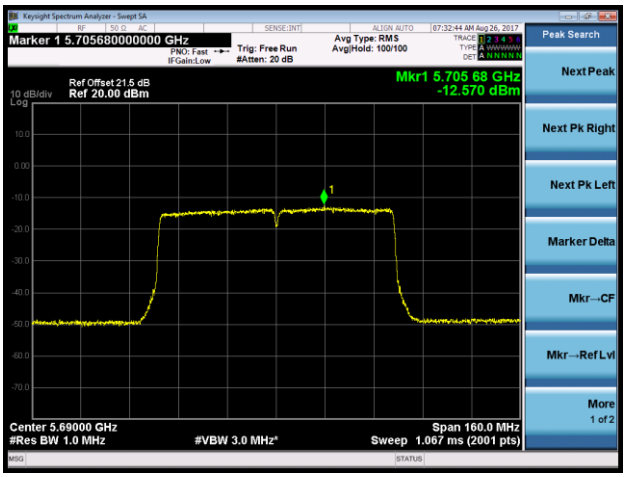
Channel 106 (5530MHz)



Channel 122 (5610MHz)

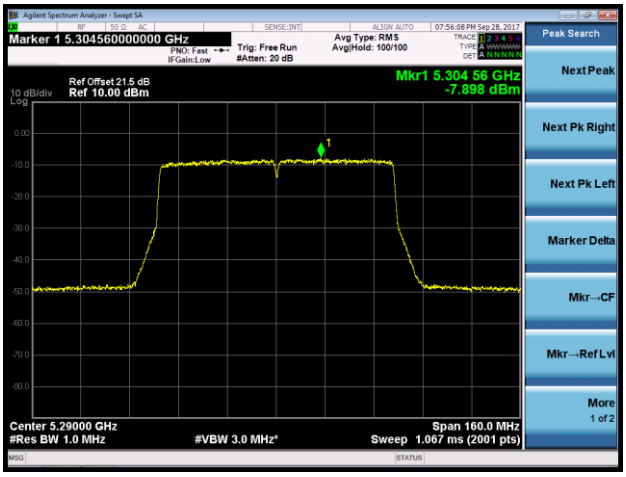


Channel 138 (5690MHz)

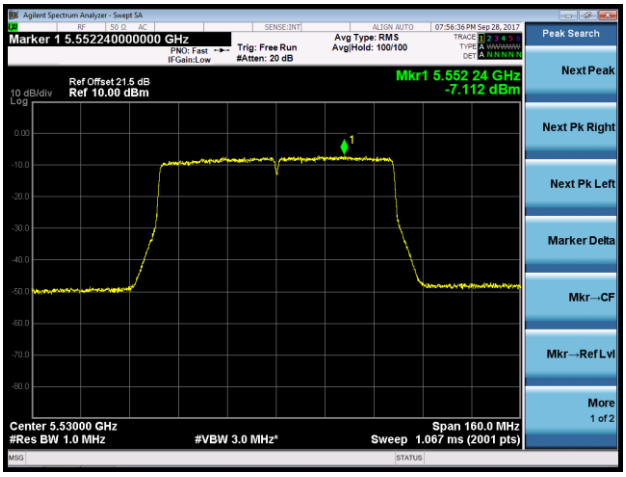


802.11ac-VHT80+80 Power Spectral Density - Ant 2 / Ant 2 + 3 (Ant 0 + 1 + 2 + 3) (Beam-Forming Mode)

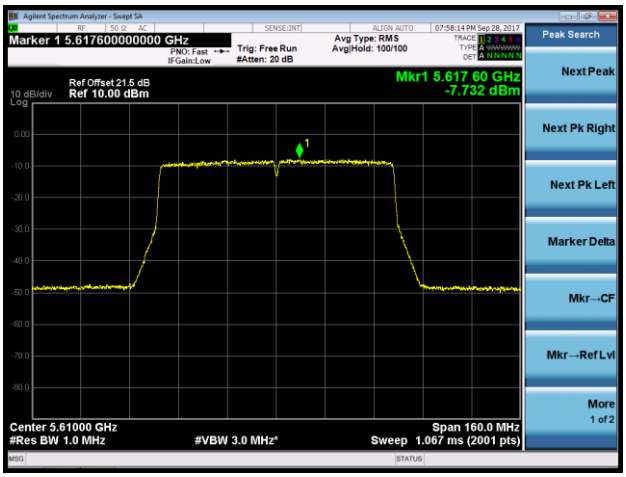
Channel 58 (5290MHz)



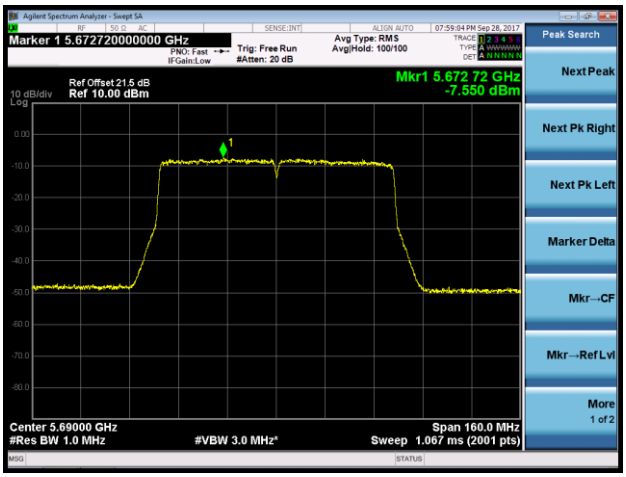
Channel 106 (5530MHz)



Channel 122 (5610MHz)

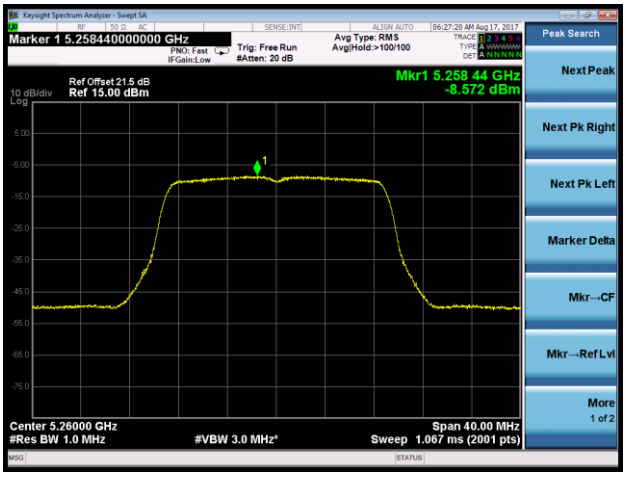


Channel 138 (5690MHz)

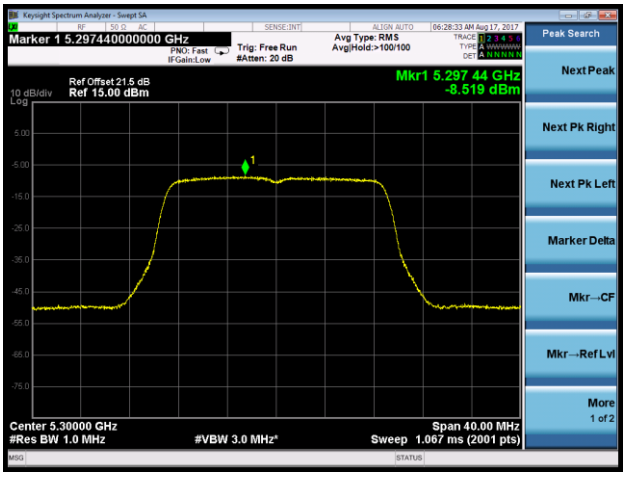


802.11n-HT20 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)

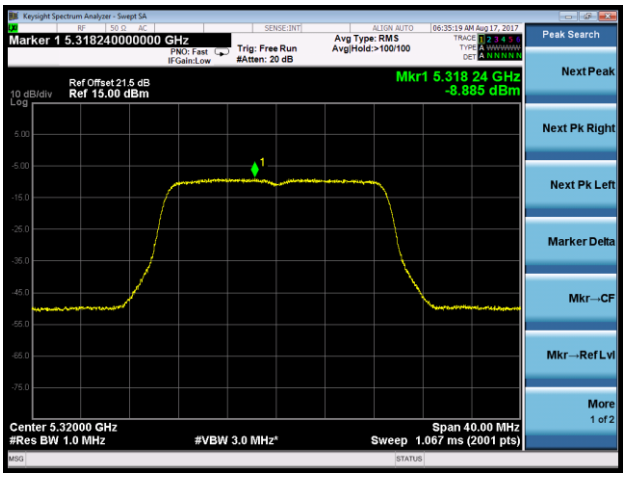
Channel 52 (5260MHz)



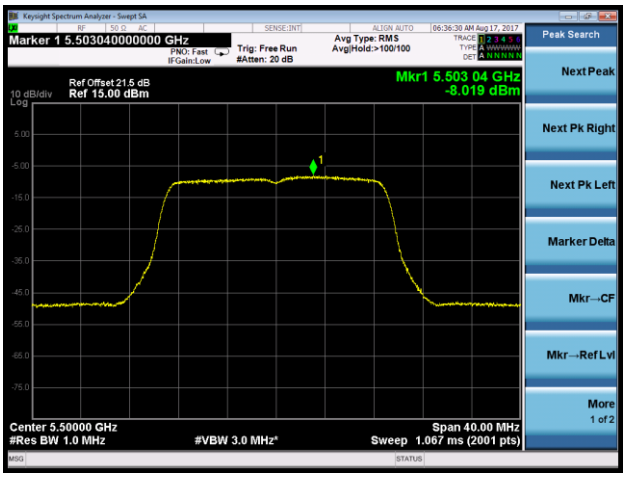
Channel 60 (5300MHz)



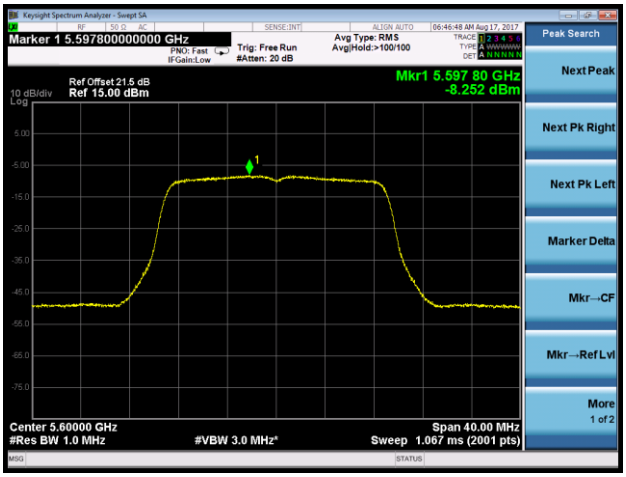
Channel 64 (5320MHz)



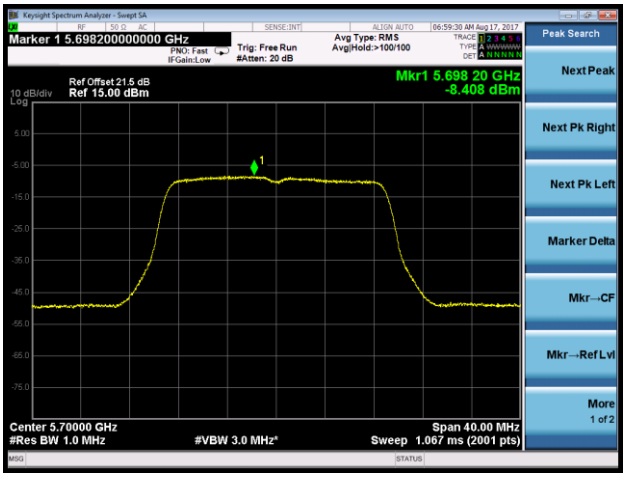
Channel 100 (5500MHz)

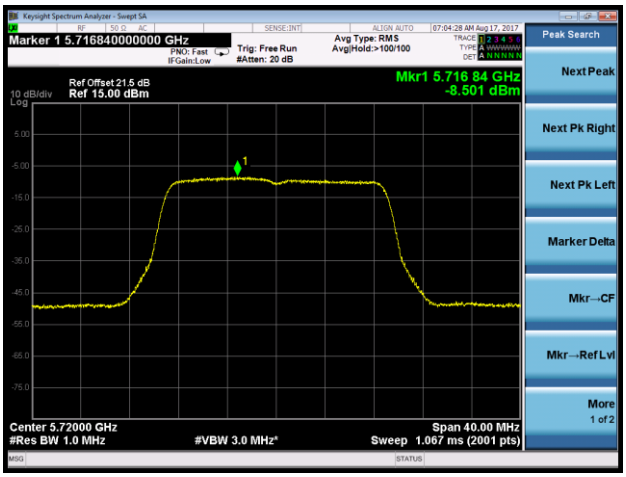


Channel 120 (5600MHz)



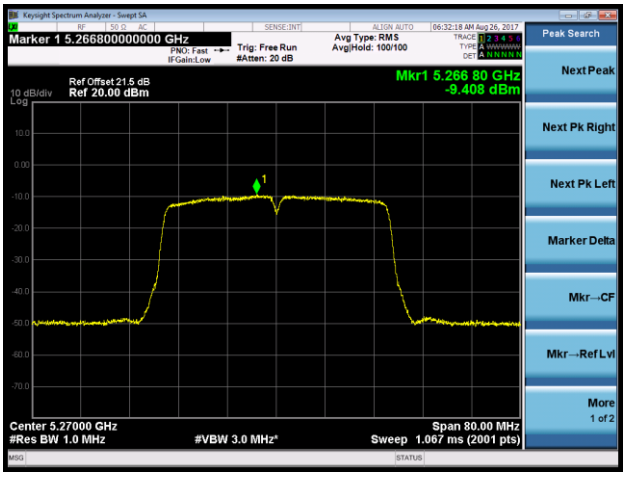
Channel 140 (5700MHz)



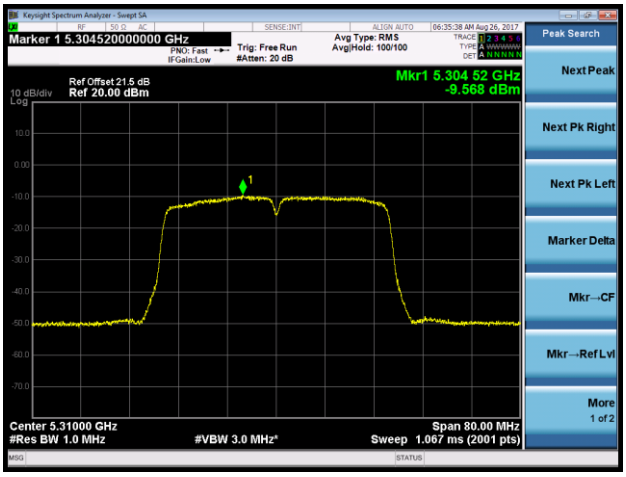
802.11n-HT20 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	
Channel 144 (5720MHz)	
	

802.11n-HT40 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)

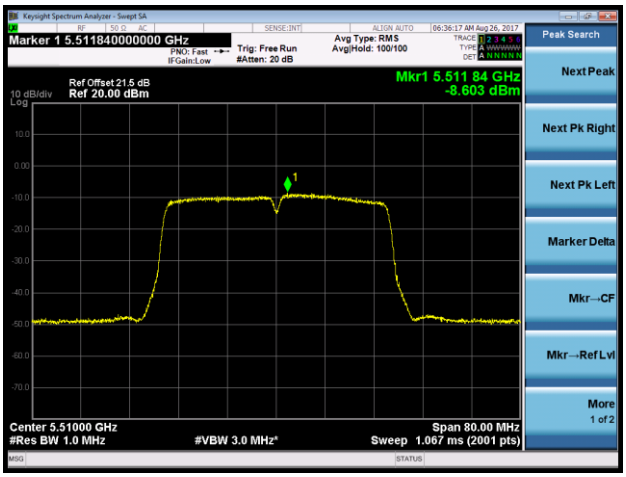
Channel 54 (5270MHz)



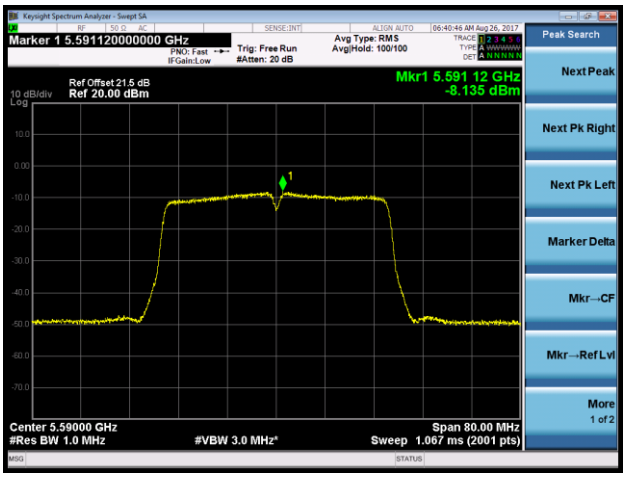
Channel 62 (5310MHz)



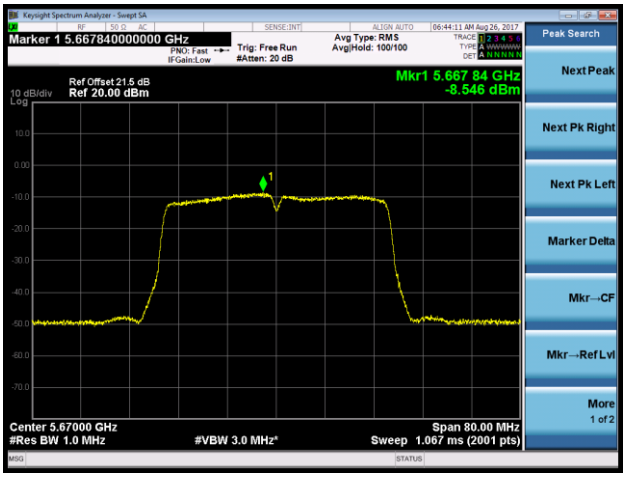
Channel 102 (5510MHz)



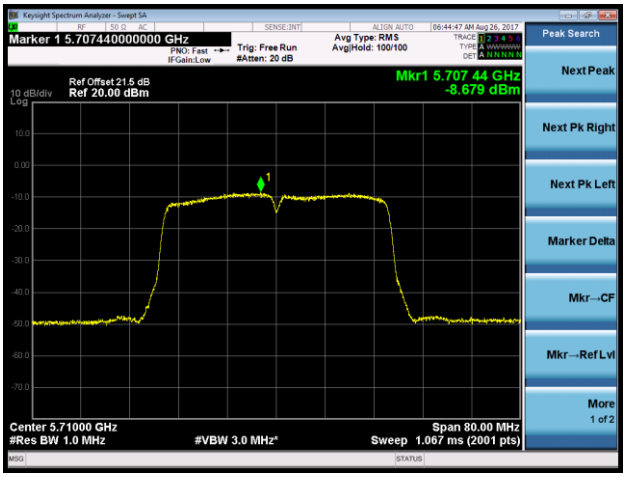
Channel 118 (5590MHz)



Channel 134 (5670MHz)

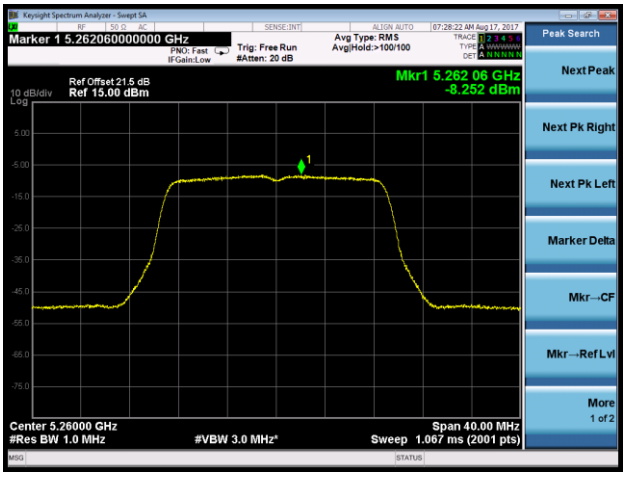


Channel 142 (5710MHz)

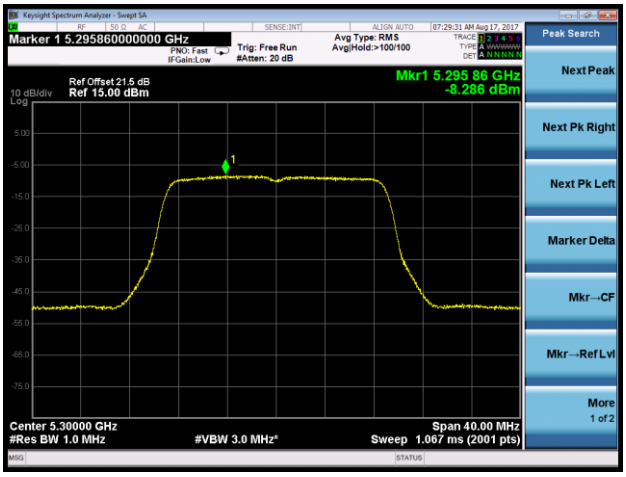


802.11ac-VHT20 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)

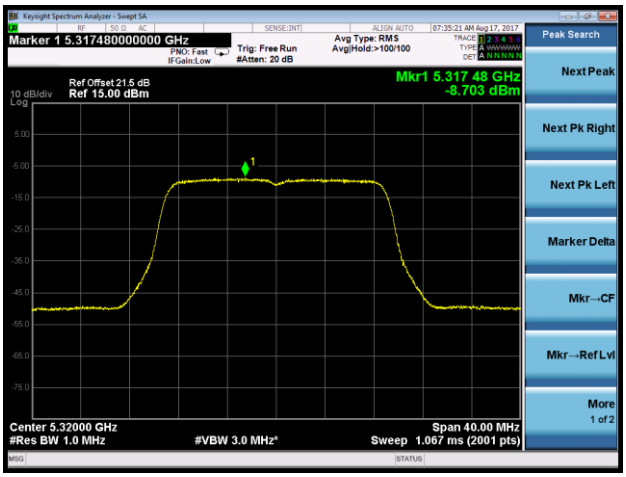
Channel 52 (5260MHz)



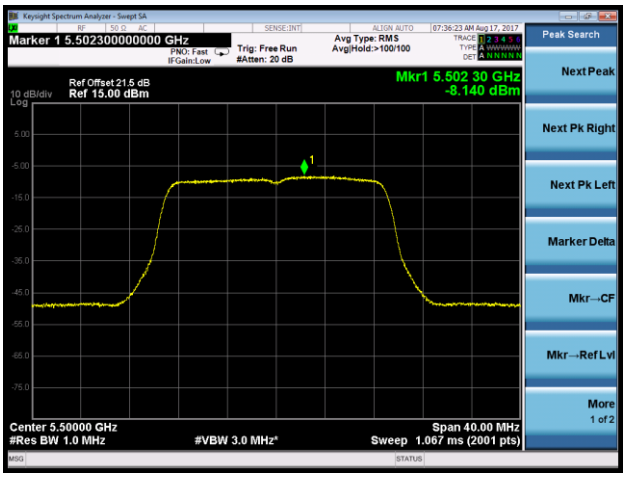
Channel 60 (5300MHz)



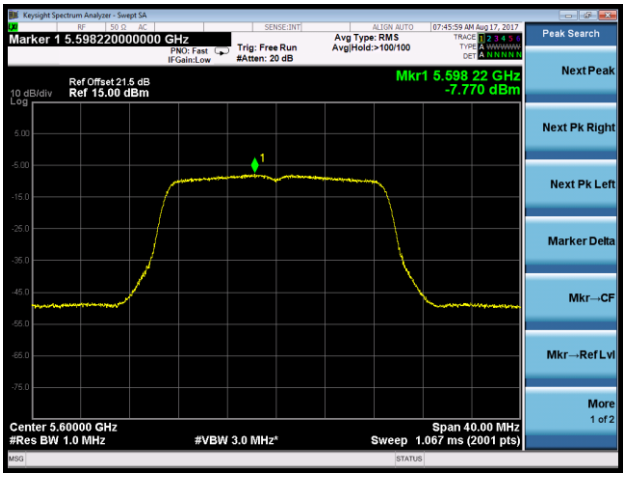
Channel 64 (5320MHz)



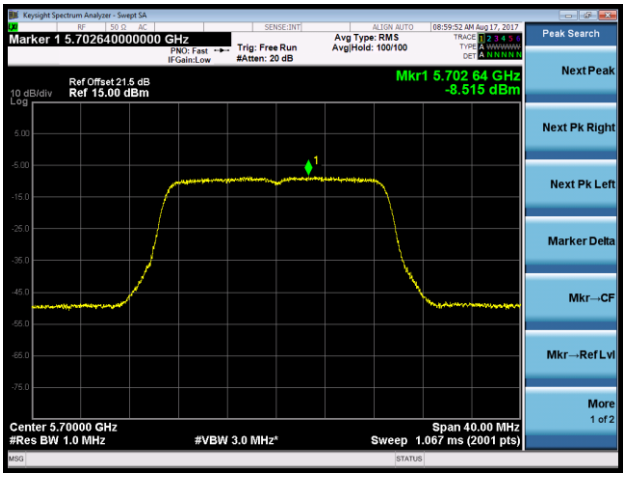
Channel 100 (5500MHz)

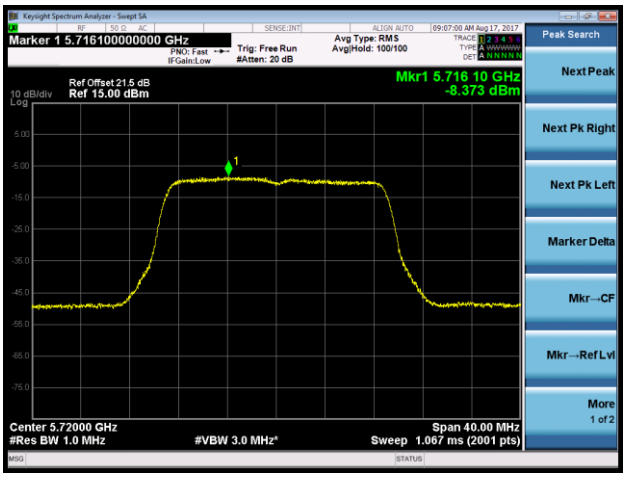


Channel 120 (5600MHz)



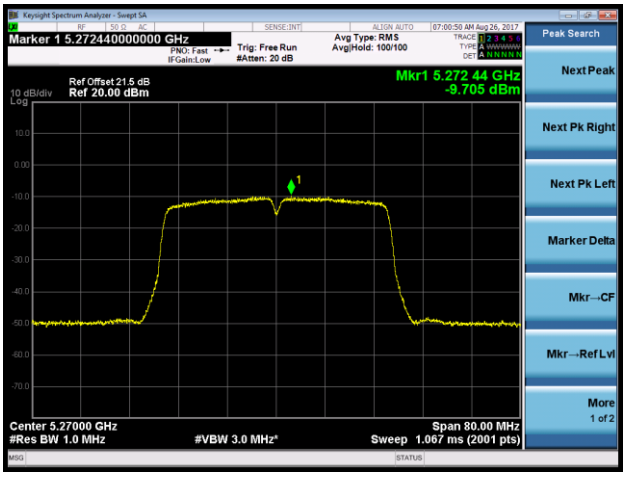
Channel 140 (5700MHz)



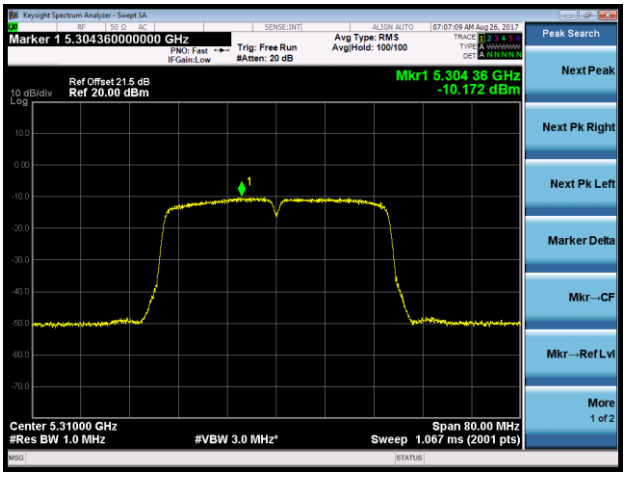
802.11ac-VHT20 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)	
Channel 144 (5720MHz)	
	

802.11ac-VHT40 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)

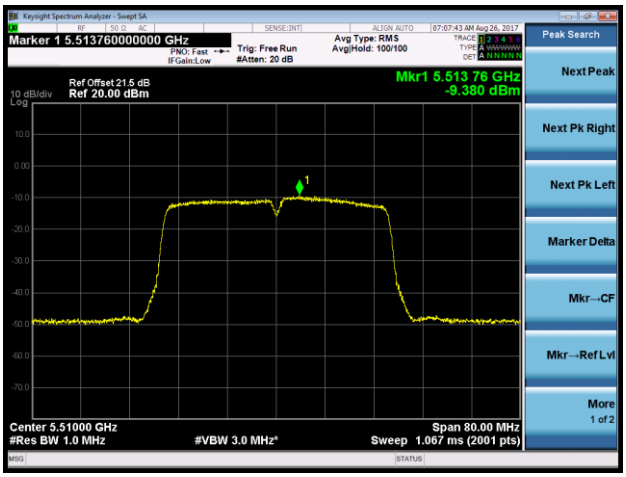
Channel 54 (5270MHz)



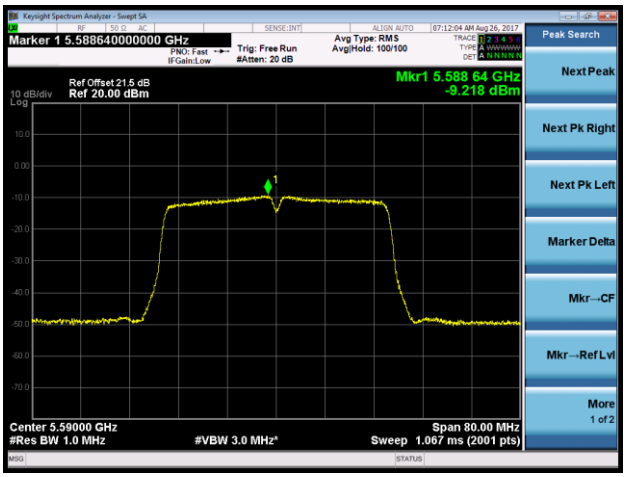
Channel 62 (5310MHz)



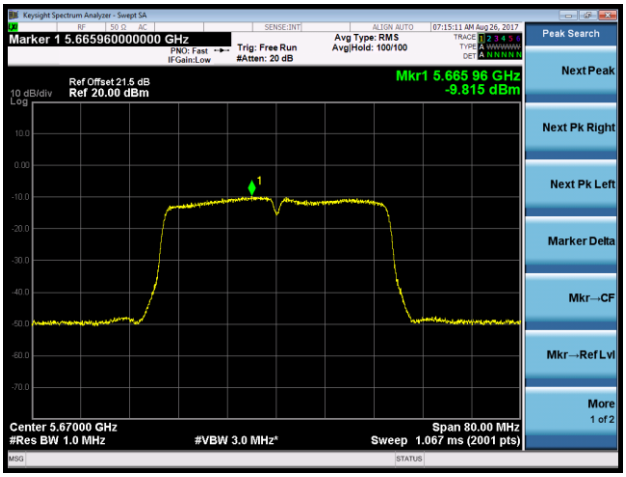
Channel 102 (5510MHz)



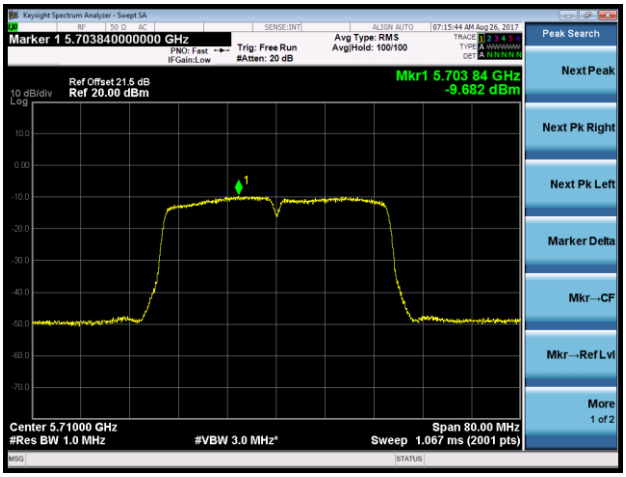
Channel 118 (5590MHz)



Channel 134 (5670MHz)

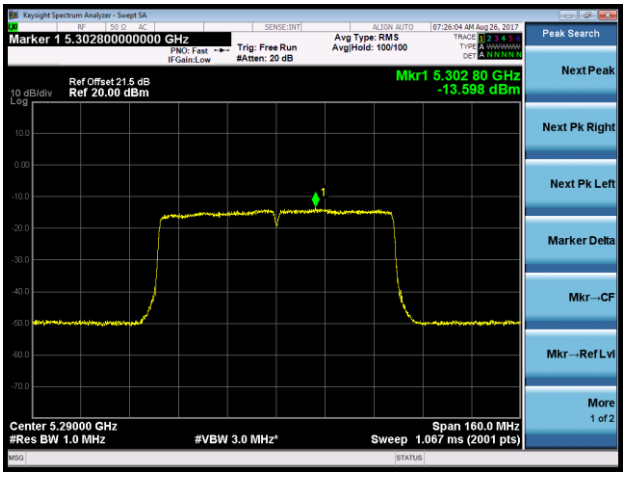


Channel 142 (5710MHz)

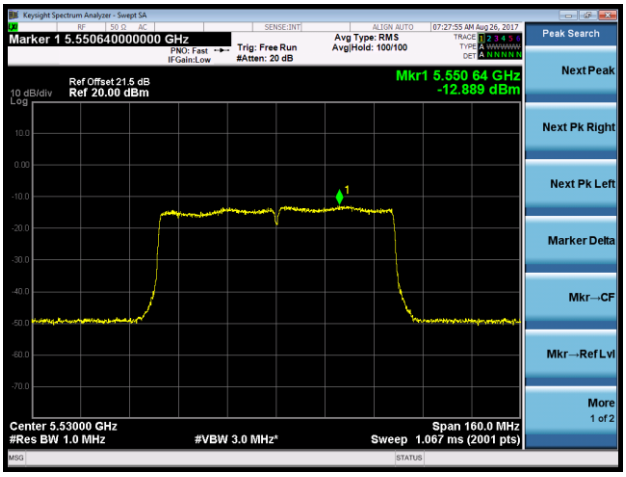


802.11ac-VHT80 Power Spectral Density - Ant 3 / Ant 0 + 1 + 2 + 3 (Beam-Forming Mode)

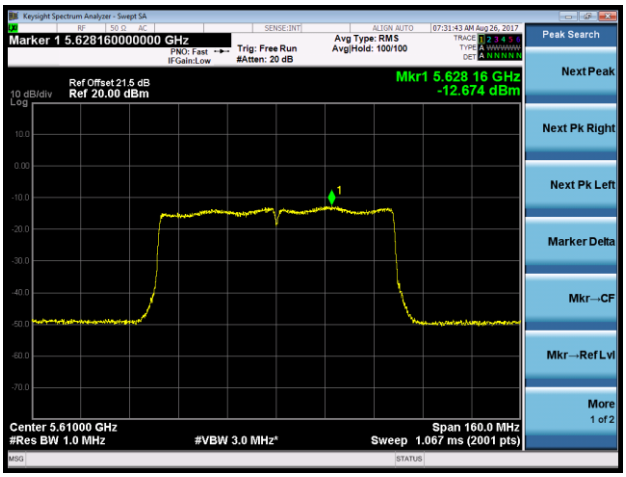
Channel 58 (5290MHz)



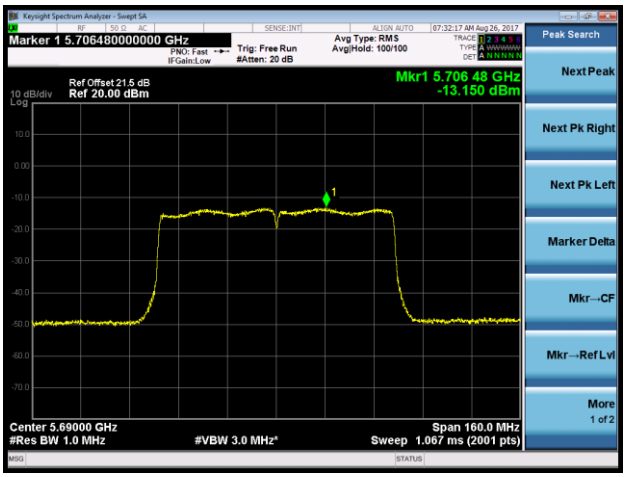
Channel 106 (5530MHz)



Channel 122 (5610MHz)

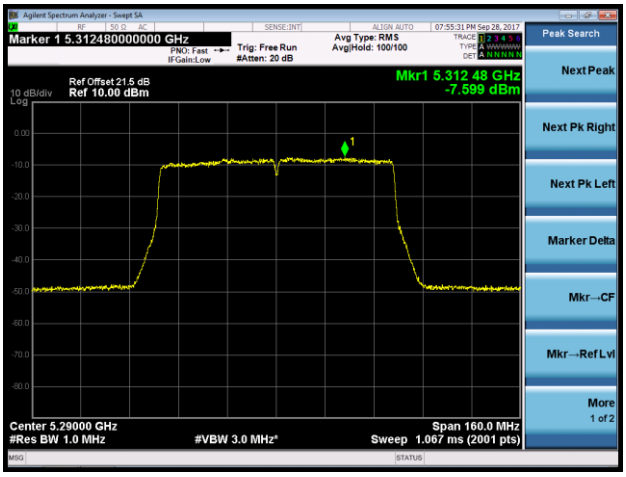


Channel 138 (5690MHz)

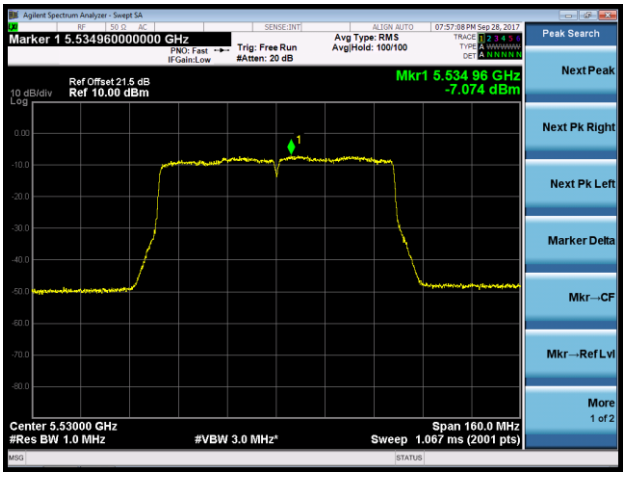


802.11ac-VHT80+80 Power Spectral Density - Ant 3 / Ant 2 + 3 (Ant 0 + 1 + 2 + 3) (Beam-Forming Mode)

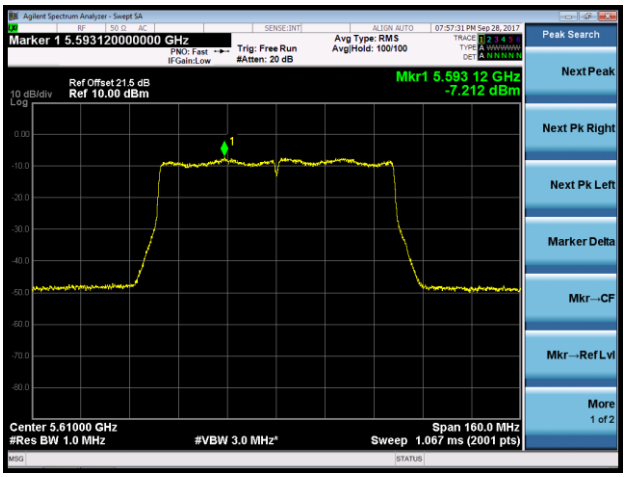
Channel 58 (5290MHz)



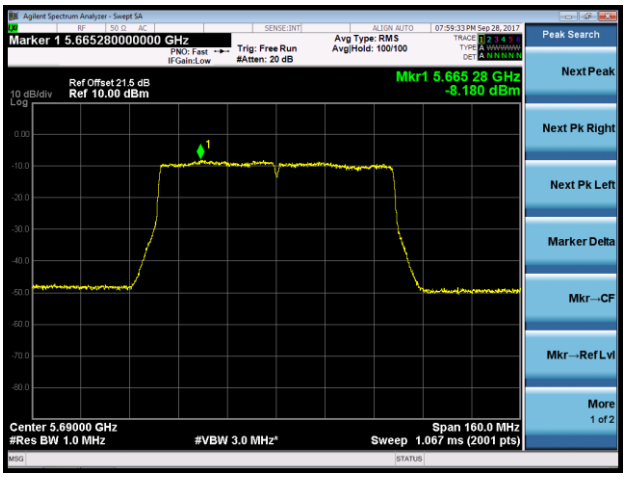
Channel 106 (5530MHz)



Channel 122 (5610MHz)



Channel 138 (5690MHz)



4. 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	5320MHz (Carrier Mode)	Test Site	SR2

Voltage (%)	Power (VAC)	Temp (°C)	Frequency Tolerance (ppm)
100%	120	- 30	-3.76
		- 20	-3.91
		- 10	-3.76
		0	-4.81
		+ 10	-4.36
		+ 20 (Ref)	-3.96
		+ 30	-4.22
		+ 40	-4.71
		+ 50	-4.24
115%	138	+ 20	-4.14
85%	102	+ 20	-3.04

Note: Frequency Tolerance (ppm) = {[Measured Frequency (Hz) - Declared Frequency (Hz)] / Declared Frequency (Hz)} $*10^6$.

5. Radiated Spurious Emission Measurement Test Result

Product	ACCESS POINT - Omni Antenna (ANT-2x2-5005)	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
*	7902.0	30.3	12.4	42.7	68.2	-25.5	Peak	Horizontal
*	8777.5	29.0	13.9	42.9	68.2	-25.3	Peak	Horizontal
	9313.0	31.0	14.7	45.7	74.0	-28.3	Peak	Horizontal
	11472.0	29.3	19.3	48.6	74.0	-25.4	Peak	Horizontal
*	7859.5	31.2	12.4	43.6	68.2	-24.6	Peak	Vertical
*	8684.0	30.0	13.7	43.7	68.2	-24.5	Peak	Vertical
	9381.0	29.1	14.5	43.6	74.0	-30.4	Peak	Vertical
	11557.0	29.1	19.5	48.6	74.0	-25.4	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 - Omni Antenna (ANT-2x2-5005)	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
*	7842.5	29.6	12.4	42.0	68.2	-26.2	Peak	Horizontal
*	8684.0	29.4	13.7	43.1	68.2	-25.1	Peak	Horizontal
	9449.0	31.1	14.4	45.5	74.0	-28.5	Peak	Horizontal
	11642.0	29.2	19.4	48.6	74.0	-25.4	Peak	Horizontal
*	7791.5	30.9	12.4	43.3	68.2	-24.9	Peak	Vertical
*	8701.0	28.4	13.8	42.2	68.2	-26.0	Peak	Vertical
	9432.0	28.6	14.4	43.0	74.0	-31.0	Peak	Vertical
	11565.5	29.2	19.5	48.7	74.0	-25.3	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 - Omni Antenna (ANT-2x2-5005)	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
*	7842.5	28.6	12.4	41.0	68.2	-27.2	Peak	Horizontal
*	8633.0	28.9	13.5	42.4	68.2	-25.8	Peak	Horizontal
	9347.0	29.4	14.5	43.9	74.0	-30.1	Peak	Horizontal
	11659.0	29.0	19.3	48.3	74.0	-25.7	Peak	Horizontal
*	7774.5	30.5	12.4	42.9	68.2	-25.3	Peak	Vertical
*	8633.0	29.9	13.5	43.4	68.2	-24.8	Peak	Vertical
	9347.0	28.0	14.5	42.5	74.0	-31.5	Peak	Vertical
	11616.5	29.4	19.4	48.8	74.0	-25.2	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 - Omni Antenna (ANT-2x2-5005)	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
*	7842.5	28.6	12.4	41.0	68.2	-27.2	Peak	Horizontal
*	8692.5	28.3	13.7	42.0	68.2	-26.2	Peak	Horizontal
	9330.0	29.8	14.6	44.4	74.0	-29.6	Peak	Horizontal
	10928.0	30.3	18.4	48.7	74.0	-25.3	Peak	Horizontal
*	7817.0	29.3	12.4	41.7	68.2	-26.5	Peak	Vertical
*	8769.0	27.8	13.9	41.7	68.2	-26.5	Peak	Vertical
	9466.0	28.2	14.4	42.6	74.0	-31.4	Peak	Vertical
	10817.5	29.7	18.0	47.7	74.0	-26.3	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 - Omni Antenna (ANT-2x2-5005)	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
*	7927.5	31.2	12.4	43.6	68.2	-24.6	Peak	Horizontal
*	8811.5	29.3	14.0	43.3	68.2	-24.9	Peak	Horizontal
	9321.5	29.3	14.6	43.9	74.0	-30.1	Peak	Horizontal
	11412.5	29.2	19.1	48.3	74.0	-25.7	Peak	Horizontal
*	7851.0	30.0	12.4	42.4	68.2	-25.8	Peak	Vertical
*	8803.0	28.1	14.0	42.1	68.2	-26.1	Peak	Vertical
	9432.0	28.8	14.4	43.2	74.0	-30.8	Peak	Vertical
	11693.0	29.2	19.2	48.4	74.0	-25.6	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 - Omni Antenna (ANT-2x2-5005)	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
*	7851.0	30.0	12.4	42.4	68.2	-25.8	Peak	Horizontal
*	8726.5	27.5	13.8	41.3	68.2	-26.9	Peak	Horizontal
	9321.5	30.5	14.6	45.1	74.0	-28.9	Peak	Horizontal
	11106.5	29.4	18.6	48.0	74.0	-26.0	Peak	Horizontal
*	7808.5	28.8	12.4	41.2	68.2	-27.0	Peak	Vertical
*	8743.5	28.0	13.9	41.9	68.2	-26.3	Peak	Vertical
	9389.5	29.2	14.5	43.7	74.0	-30.3	Peak	Vertical
	11616.5	29.6	19.4	49.0	74.0	-25.0	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 - Omni Antenna (ANT-2x2-5005)	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
*	7927.5	28.4	12.4	40.8	68.2	-27.4	Peak	Horizontal
*	8709.5	28.9	13.8	42.7	68.2	-25.5	Peak	Horizontal
	9347.0	29.0	14.5	43.5	74.0	-30.5	Peak	Horizontal
	11616.5	29.1	19.4	48.5	74.0	-25.5	Peak	Horizontal
*	7876.5	30.0	12.4	42.4	68.2	-25.8	Peak	Vertical
*	8616.0	29.2	13.5	42.7	68.2	-25.5	Peak	Vertical
	9338.5	29.1	14.6	43.7	74.0	-30.3	Peak	Vertical
	11098.0	29.2	18.6	47.8	74.0	-26.2	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 - Omni Antenna (ANT-2x2-5005)	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
*	7808.5	29.0	12.4	41.4	68.2	-26.8	Peak	Horizontal
*	8862.5	29.4	14.0	43.4	68.2	-24.8	Peak	Horizontal
	9423.5	29.9	14.5	44.4	74.0	-29.6	Peak	Horizontal
	11616.5	28.5	19.4	47.9	74.0	-26.1	Peak	Horizontal
*	7876.5	30.5	12.4	42.9	68.2	-25.3	Peak	Vertical
*	8692.5	28.6	13.7	42.3	68.2	-25.9	Peak	Vertical
	9423.5	28.1	14.5	42.6	74.0	-31.4	Peak	Vertical
	11548.5	28.2	19.4	47.6	74.0	-26.4	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 - Omni Antenna (ANT-2x2-5005)	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
*	7851.0	29.0	12.4	41.4	68.2	-26.8	Peak	Horizontal
*	8624.5	30.2	13.5	43.7	68.2	-24.5	Peak	Horizontal
	9338.5	28.5	14.6	43.1	74.0	-30.9	Peak	Horizontal
	11557.0	29.0	19.5	48.5	74.0	-25.5	Peak	Horizontal
*	7834.0	30.5	12.4	42.9	68.2	-25.3	Peak	Vertical
*	8709.5	27.5	13.8	41.3	68.2	-26.9	Peak	Vertical
	9381.0	27.6	14.5	42.1	74.0	-31.9	Peak	Vertical
	11438.0	28.5	19.2	47.7	74.0	-26.3	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 - Omni Antenna (ANT-2x2-5005)	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
*	7783.0	30.0	12.4	42.4	68.2	-25.8	Peak	Horizontal
*	8692.5	29.2	13.7	42.9	68.2	-25.3	Peak	Horizontal
	9389.5	29.8	14.5	44.3	74.0	-29.7	Peak	Horizontal
	11582.5	29.4	19.5	48.9	74.0	-25.1	Peak	Horizontal
*	7808.5	28.9	12.4	41.3	68.2	-26.9	Peak	Vertical
*	8539.5	28.0	13.1	41.1	68.2	-27.1	Peak	Vertical
	9415.0	27.3	14.5	41.8	74.0	-32.2	Peak	Vertical
	11565.5	28.6	19.5	48.1	74.0	-25.9	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 - Omni Antenna (ANT-2x2-5005)	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
*	7825.5	31.6	12.4	44.0	68.2	-24.2	Peak	Horizontal
*	8769.0	27.6	13.9	41.5	68.2	-26.7	Peak	Horizontal
	9483.0	27.8	14.4	42.2	74.0	-31.8	Peak	Horizontal
	11625.0	28.6	19.4	48.0	74.0	-26.0	Peak	Horizontal
*	7774.5	31.1	12.4	43.5	68.2	-24.7	Peak	Vertical
*	8616.0	29.5	13.5	43.0	68.2	-25.2	Peak	Vertical
	9364.0	30.0	14.5	44.5	74.0	-29.5	Peak	Vertical
	11650.5	28.7	19.3	48.0	74.0	-26.0	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 - Omni Antenna (ANT-2x2-5005)	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
*	7808.5	29.8	12.4	42.2	68.2	-26.0	Peak	Horizontal
*	8854.0	27.8	14.0	41.8	68.2	-26.4	Peak	Horizontal
	9483.0	27.8	14.4	42.2	74.0	-31.8	Peak	Horizontal
	11667.5	28.7	19.3	48.0	74.0	-26.0	Peak	Horizontal
*	7944.5	30.0	12.5	42.5	68.2	-25.7	Peak	Vertical
*	8633.0	29.2	13.5	42.7	68.2	-25.5	Peak	Vertical
	9330.0	30.1	14.6	44.7	74.0	-29.3	Peak	Vertical
	11565.5	28.9	19.5	48.4	74.0	-25.6	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 - Omni Antenna (ANT-2x2-5005)	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
*	7834.0	29.3	12.4	41.7	68.2	-26.5	Peak	Horizontal
*	8845.5	29.0	14.0	43.0	68.2	-25.2	Peak	Horizontal
	9423.5	29.3	14.5	43.8	74.0	-30.2	Peak	Horizontal
	11582.5	28.6	19.5	48.1	74.0	-25.9	Peak	Horizontal
*	7885.0	31.2	12.4	43.6	68.2	-24.6	Peak	Vertical
*	8888.0	27.4	14.0	41.4	68.2	-26.8	Peak	Vertical
	9381.0	30.5	14.5	45.0	74.0	-29.0	Peak	Vertical
	11531.5	28.8	19.4	48.2	74.0	-25.8	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 - Omni Antenna (ANT-2x2-5005)	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
*	7783.0	31.2	12.4	43.6	68.2	-24.6	Peak	Horizontal
*	8701.0	29.4	13.8	43.2	68.2	-25.0	Peak	Horizontal
	9372.5	30.5	14.5	45.0	74.0	-29.0	Peak	Horizontal
	11667.5	28.7	19.3	48.0	74.0	-26.0	Peak	Horizontal
*	7910.5	28.9	12.4	41.3	68.2	-26.9	Peak	Vertical
*	8769.0	28.9	13.9	42.8	68.2	-25.4	Peak	Vertical
	9372.5	30.0	14.5	44.5	74.0	-29.5	Peak	Vertical
	11089.5	28.8	18.6	47.4	74.0	-26.6	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 - Omni Antenna (ANT-2x2-5005)	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
*	7825.5	30.6	12.4	43.0	68.2	-25.2	Peak	Horizontal
*	8811.5	28.2	14.0	42.2	68.2	-26.0	Peak	Horizontal
	9338.5	29.0	14.6	43.6	74.0	-30.4	Peak	Horizontal
	11472.0	28.7	19.3	48.0	74.0	-26.0	Peak	Horizontal
*	7902.0	29.6	12.4	42.0	68.2	-26.2	Peak	Vertical
*	8854.0	27.8	14.0	41.8	68.2	-26.4	Peak	Vertical
	9381.0	29.0	14.5	43.5	74.0	-30.5	Peak	Vertical
	11659.0	29.0	19.3	48.3	74.0	-25.7	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 - Omni Antenna (ANT-2x2-5005)	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
*	7774.5	31.1	12.4	43.5	68.2	-24.7	Peak	Horizontal
*	8556.5	30.9	13.2	44.1	68.2	-24.1	Peak	Horizontal
	9372.5	30.5	14.5	45.0	74.0	-29.0	Peak	Horizontal
	11497.5	29.5	19.3	48.8	74.0	-25.2	Peak	Horizontal
*	7876.5	29.2	12.4	41.6	68.2	-26.6	Peak	Vertical
*	8658.5	30.4	13.6	44.0	68.2	-24.2	Peak	Vertical
	9423.5	28.6	14.5	43.1	74.0	-30.9	Peak	Vertical
	11038.5	29.5	18.5	48.0	74.0	-26.0	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 - Omni Antenna (ANT-2x2-5005)	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
*	7868.0	31.0	12.4	43.4	68.2	-24.8	Peak	Horizontal
*	8692.5	29.2	13.7	42.9	68.2	-25.3	Peak	Horizontal
	9381.0	28.5	14.5	43.0	74.0	-31.0	Peak	Horizontal
	11591.0	28.5	19.5	48.0	74.0	-26.0	Peak	Horizontal
*	7817.0	30.7	12.4	43.1	68.2	-25.1	Peak	Vertical
*	8905.0	30.1	14.0	44.1	68.2	-24.1	Peak	Vertical
	9440.5	28.6	14.4	43.0	74.0	-31.0	Peak	Vertical
	11455.0	29.1	19.2	48.3	74.0	-25.7	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 - Omni Antenna (ANT-2x2-5005)	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
*	7842.5	28.9	12.4	41.3	68.2	-26.9	Peak	Horizontal
*	8692.5	27.9	13.7	41.6	68.2	-26.6	Peak	Horizontal
	9338.5	28.3	14.6	42.9	74.0	-31.1	Peak	Horizontal
	11616.5	29.2	19.4	48.6	74.0	-25.4	Peak	Horizontal
*	7783.0	30.8	12.4	43.2	68.2	-25.0	Peak	Vertical
*	8633.0	29.6	13.5	43.1	68.2	-25.1	Peak	Vertical
	9432.0	28.6	14.4	43.0	74.0	-31.0	Peak	Vertical
	11676.0	28.9	19.2	48.1	74.0	-25.9	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 - Omni Antenna (ANT-2x2-5005)	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	31.3	12.4	43.7	68.2	-24.5	Peak	Horizontal
*	8726.5	28.9	13.8	42.7	68.2	-25.5	Peak	Horizontal
	9415.0	28.4	14.5	42.9	74.0	-31.1	Peak	Horizontal
	11557.0	28.8	19.5	48.3	74.0	-25.7	Peak	Horizontal
*	7842.5	29.1	12.4	41.5	68.2	-26.7	Peak	Vertical
*	8684.0	29.4	13.7	43.1	68.2	-25.1	Peak	Vertical
	9372.5	28.7	14.5	43.2	74.0	-30.8	Peak	Vertical
	11548.5	28.9	19.4	48.3	74.0	-25.7	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 - Omni Antenna (ANT-2x2-5005)	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
*	7944.5	30.8	12.5	43.3	68.2	-24.9	Peak	Horizontal
*	8871.0	29.0	14.0	43.0	68.2	-25.2	Peak	Horizontal
	9330.0	30.0	14.6	44.6	74.0	-29.4	Peak	Horizontal
	11548.5	29.7	19.4	49.1	74.0	-24.9	Peak	Horizontal
*	7902.0	30.6	12.4	43.0	68.2	-25.2	Peak	Vertical
*	8675.5	27.6	13.7	41.3	68.2	-26.9	Peak	Vertical
	9330.0	30.3	14.6	44.9	74.0	-29.1	Peak	Vertical
	11633.5	28.4	19.4	47.8	74.0	-26.2	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 - Omni Antenna (ANT-2x2-5005)	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:	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
*	7808.5	29.0	12.4	41.4	68.2	-26.8	Peak	Horizontal
*	8701.0	28.4	13.8	42.2	68.2	-26.0	Peak	Horizontal
	9338.5	31.0	14.6	45.6	74.0	-28.4	Peak	Horizontal
	11616.5	29.0	19.4	48.4	74.0	-25.6	Peak	Horizontal
*	7808.5	29.0	12.4	41.4	68.2	-26.8	Peak	Vertical
*	8709.5	29.6	13.8	43.4	68.2	-24.8	Peak	Vertical
	9474.5	28.2	14.4	42.6	74.0	-31.4	Peak	Vertical
	11650.5	28.9	19.3	48.2	74.0	-25.8	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 - Omni Antenna (ANT-2x2-5005)	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
*	7774.5	30.1	12.4	42.5	68.2	-25.7	Peak	Horizontal
*	8786.0	27.4	13.9	41.3	68.2	-26.9	Peak	Horizontal
	9381.0	28.3	14.5	42.8	74.0	-31.2	Peak	Horizontal
	11565.5	28.9	19.5	48.4	74.0	-25.6	Peak	Horizontal
*	7859.5	29.6	12.4	42.0	68.2	-26.2	Peak	Vertical
*	8922.0	28.7	14.0	42.7	68.2	-25.5	Peak	Vertical
	9423.5	28.7	14.5	43.2	74.0	-30.8	Peak	Vertical
	11132.0	29.0	18.6	47.6	74.0	-26.4	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 - Omni Antenna (ANT-2x2-5005)	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
*	7791.5	32.1	12.4	44.5	68.2	-23.7	Peak	Horizontal
*	8769.0	28.7	13.9	42.6	68.2	-25.6	Peak	Horizontal
	9483.0	27.9	14.4	42.3	74.0	-31.7	Peak	Horizontal
	11642.0	29.0	19.4	48.4	74.0	-25.6	Peak	Horizontal
*	7808.5	30.3	12.4	42.7	68.2	-25.5	Peak	Vertical
*	8667.0	29.8	13.6	43.4	68.2	-24.8	Peak	Vertical
	9330.0	29.7	14.6	44.3	74.0	-29.7	Peak	Vertical
	11395.5	29.3	19.1	48.4	74.0	-25.6	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 - Omni Antenna (ANT-2x2-5005)	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
*	7961.5	31.0	12.5	43.5	68.2	-24.7	Peak	Horizontal
*	8616.0	30.7	13.5	44.2	68.2	-24.0	Peak	Horizontal
	9381.0	29.4	14.5	43.9	74.0	-30.1	Peak	Horizontal
	10775.0	30.3	17.8	48.1	74.0	-25.9	Peak	Horizontal
*	7834.0	29.4	12.4	41.8	68.2	-26.4	Peak	Vertical
*	8718.0	27.4	13.8	41.2	68.2	-27.0	Peak	Vertical
	9321.5	28.6	14.6	43.2	74.0	-30.8	Peak	Vertical
	11412.5	29.3	19.1	48.4	74.0	-25.6	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 - Omni Antenna (ANT-2x2-5005)	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
*	7774.5	30.5	12.4	42.9	68.2	-25.3	Peak	Horizontal
*	8896.5	28.4	14.0	42.4	68.2	-25.8	Peak	Horizontal
	9389.5	28.2	14.5	42.7	74.0	-31.3	Peak	Horizontal
	11446.5	28.7	19.2	47.9	74.0	-26.1	Peak	Horizontal
*	7851.0	28.6	12.4	41.0	68.2	-27.2	Peak	Vertical
*	8803.0	29.0	14.0	43.0	68.2	-25.2	Peak	Vertical
	9466.0	28.7	14.4	43.1	74.0	-30.9	Peak	Vertical
	11633.5	29.2	19.4	48.6	74.0	-25.4	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 - Omni Antenna (ANT-2x2-5005)	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
*	7893.5	30.6	12.4	43.0	68.2	-25.2	Peak	Horizontal
*	8888.0	27.5	14.0	41.5	68.2	-26.7	Peak	Horizontal
	9338.5	28.5	14.6	43.1	74.0	-30.9	Peak	Horizontal
	11565.5	29.0	19.5	48.5	74.0	-25.5	Peak	Horizontal
*	7774.5	29.6	12.4	42.0	68.2	-26.2	Peak	Vertical
*	8701.0	27.5	13.8	41.3	68.2	-26.9	Peak	Vertical
	9330.0	30.1	14.6	44.7	74.0	-29.3	Peak	Vertical
	11098.0	30.2	18.6	48.8	74.0	-25.2	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 - Omni Antenna (ANT-2x2-5005)	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
*	7757.5	30.6	12.4	43.0	68.2	-25.2	Peak	Horizontal
*	8820.0	28.7	14.0	42.7	68.2	-25.5	Peak	Horizontal
	9338.5	30.2	14.6	44.8	74.0	-29.2	Peak	Horizontal
	11098.0	28.9	18.6	47.5	74.0	-26.5	Peak	Horizontal
*	7859.5	29.0	12.4	41.4	68.2	-26.8	Peak	Vertical
*	8692.5	28.3	13.7	42.0	68.2	-26.2	Peak	Vertical
	9491.5	28.3	14.4	42.7	74.0	-31.3	Peak	Vertical
	11387.0	29.2	19.1	48.3	74.0	-25.7	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 - Omni Antenna (ANT-2x2-5005)	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
*	7842.5	29.3	12.4	41.7	68.2	-26.5	Peak	Horizontal
*	8769.0	28.5	13.9	42.4	68.2	-25.8	Peak	Horizontal
	9372.5	28.7	14.5	43.2	74.0	-30.8	Peak	Horizontal
	11625.0	28.7	19.4	48.1	74.0	-25.9	Peak	Horizontal
*	7834.0	30.5	12.4	42.9	68.2	-25.3	Peak	Vertical
*	8667.0	27.7	13.6	41.3	68.2	-26.9	Peak	Vertical
	9338.5	30.4	14.6	45.0	74.0	-29.0	Peak	Vertical
	11625.0	29.2	19.4	48.6	74.0	-25.4	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 - Omni Antenna (ANT-2x2-5005)	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
*	7774.5	30.0	12.4	42.4	68.2	-25.8	Peak	Horizontal
*	8624.5	30.3	13.5	43.8	68.2	-24.4	Peak	Horizontal
	9330.0	30.3	14.6	44.9	74.0	-29.1	Peak	Horizontal
	11472.0	29.7	19.3	49.0	74.0	-25.0	Peak	Horizontal
*	7808.5	30.1	12.4	42.5	68.2	-25.7	Peak	Vertical
*	8794.5	26.5	13.9	40.4	68.2	-27.8	Peak	Vertical
	9381.0	28.3	14.5	42.8	74.0	-31.2	Peak	Vertical
	11557.0	29.0	19.5	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 - Omni Antenna (ANT-2x2-5005)	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
*	7757.5	30.0	12.4	42.4	68.2	-25.8	Peak	Horizontal
*	8862.5	29.7	14.0	43.7	68.2	-24.5	Peak	Horizontal
	9440.5	29.2	14.4	43.6	74.0	-30.4	Peak	Horizontal
	11650.5	29.3	19.3	48.6	74.0	-25.4	Peak	Horizontal
*	7774.5	30.2	12.4	42.6	68.2	-25.6	Peak	Vertical
*	8769.0	27.9	13.9	41.8	68.2	-26.4	Peak	Vertical
	9330.0	29.8	14.6	44.4	74.0	-29.6	Peak	Vertical
	11455.0	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 - Omni Antenna (ANT-2x2-5005)	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
*	7834.0	29.3	12.4	41.7	68.2	-26.5	Peak	Horizontal
*	8769.0	27.7	13.9	41.6	68.2	-26.6	Peak	Horizontal
	9406.5	28.4	14.5	42.9	74.0	-31.1	Peak	Horizontal
	11081.0	29.1	18.6	47.7	74.0	-26.3	Peak	Horizontal
*	7842.5	29.0	12.4	41.4	68.2	-26.8	Peak	Vertical
*	8743.5	28.9	13.9	42.8	68.2	-25.4	Peak	Vertical
	9355.5	30.4	14.5	44.9	74.0	-29.1	Peak	Vertical
	11081.0	29.4	18.6	48.0	74.0	-26.0	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 - Omni Antenna (ANT-2x2-5005)	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
*	7791.5	30.3	12.4	42.7	68.2	-25.5	Peak	Horizontal
*	8692.5	28.1	13.7	41.8	68.2	-26.4	Peak	Horizontal
	9389.5	28.3	14.5	42.8	74.0	-31.2	Peak	Horizontal
	11642.0	29.1	19.4	48.5	74.0	-25.5	Peak	Horizontal
*	7842.5	28.4	12.4	40.8	68.2	-27.4	Peak	Vertical
*	8769.0	27.5	13.9	41.4	68.2	-26.8	Peak	Vertical
	9313.0	28.2	14.7	42.9	74.0	-31.1	Peak	Vertical
	11625.0	28.7	19.4	48.1	74.0	-25.9	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 - Omni Antenna (ANT-2x2-5005)	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
*	7936.0	30.6	12.4	43.0	68.2	-25.2	Peak	Horizontal
*	8718.0	27.9	13.8	41.7	68.2	-26.5	Peak	Horizontal
	9338.5	28.3	14.6	42.9	74.0	-31.1	Peak	Horizontal
	11089.5	29.2	18.6	47.8	74.0	-26.2	Peak	Horizontal
*	7842.5	28.4	12.4	40.8	68.2	-27.4	Peak	Vertical
*	8735.0	26.8	13.9	40.7	68.2	-27.5	Peak	Vertical
	9304.5	28.1	14.7	42.8	74.0	-31.2	Peak	Vertical
	10817.5	30.1	18.0	48.1	74.0	-25.9	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 - Omni Antenna (ANT-2x2-5005)	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
*	7783.0	29.4	12.4	41.8	68.2	-26.4	Peak	Horizontal
*	8624.5	28.5	13.5	42.0	68.2	-26.2	Peak	Horizontal
	9466.0	28.4	14.4	42.8	74.0	-31.2	Peak	Horizontal
	11259.5	27.9	18.8	46.7	74.0	-27.3	Peak	Horizontal
*	7774.5	29.8	12.4	42.2	68.2	-26.0	Peak	Vertical
*	8726.5	27.2	13.8	41.0	68.2	-27.2	Peak	Vertical
	9466.0	28.0	14.4	42.4	74.0	-31.6	Peak	Vertical
	11557.0	29.3	19.5	48.8	74.0	-25.2	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 - Omni Antenna (ANT-2x2-5005)	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
*	7817.0	28.6	12.4	41.0	68.2	-27.2	Peak	Horizontal
*	8701.0	27.8	13.8	41.6	68.2	-26.6	Peak	Horizontal
	9364.0	28.2	14.5	42.7	74.0	-31.3	Peak	Horizontal
	11455.0	28.7	19.2	47.9	74.0	-26.1	Peak	Horizontal
*	7791.5	28.4	12.4	40.8	68.2	-27.4	Peak	Vertical
*	8837.0	26.4	14.0	40.4	68.2	-27.8	Peak	Vertical
	9338.5	28.5	14.6	43.1	74.0	-30.9	Peak	Vertical
	10979.0	29.3	18.5	47.8	74.0	-26.2	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 - Omni Antenna (ANT-2x2-5005)	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
*	7817.0	29.3	12.4	41.7	68.2	-26.5	Peak	Horizontal
*	8735.0	27.7	13.9	41.6	68.2	-26.6	Peak	Horizontal
	9381.0	28.1	14.5	42.6	74.0	-31.4	Peak	Horizontal
	10970.5	28.1	18.4	46.5	74.0	-27.5	Peak	Horizontal
*	7885.0	27.9	12.4	40.3	68.2	-27.9	Peak	Vertical
*	8760.5	27.1	13.9	41.0	68.2	-27.2	Peak	Vertical
	9304.5	26.9	14.7	41.6	74.0	-32.4	Peak	Vertical
	11421.0	28.5	19.1	47.6	74.0	-26.4	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 - Omni Antenna (ANT-2x2-5005)	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
*	7783.0	30.1	12.4	42.5	68.2	-25.7	Peak	Horizontal
*	8854.0	28.9	14.0	42.9	68.2	-25.3	Peak	Horizontal
	9355.5	29.5	14.5	44.0	74.0	-30.0	Peak	Horizontal
	11557.0	28.9	19.5	48.4	74.0	-25.6	Peak	Horizontal
*	7842.5	28.9	12.4	41.3	68.2	-26.9	Peak	Vertical
*	8650.0	28.7	13.6	42.3	68.2	-25.9	Peak	Vertical
	9381.0	28.6	14.5	43.1	74.0	-30.9	Peak	Vertical
	11582.5	27.7	19.5	47.2	74.0	-26.8	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 - Omni Antenna (ANT-2x2-5005)	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
*	7902.0	32.4	12.4	44.8	68.2	-23.4	Peak	Horizontal
*	8565.0	32.6	13.3	45.9	68.2	-22.3	Peak	Horizontal
	9449.0	33.1	14.4	47.5	74.0	-26.5	Peak	Horizontal
	11565.5	31.3	19.5	50.8	74.0	-23.2	Peak	Horizontal
*	7953.0	32.1	12.5	44.6	68.2	-23.6	Peak	Vertical
*	8616.0	33.0	13.5	46.5	68.2	-21.7	Peak	Vertical
	9440.5	32.3	14.4	46.7	74.0	-27.3	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 - Omni Antenna (ANT-2x2-5005)	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
*	7876.5	30.9	12.4	43.3	68.2	-24.9	Peak	Horizontal
*	8616.0	32.0	13.5	45.5	68.2	-22.7	Peak	Horizontal
	9330.0	31.5	14.6	46.1	74.0	-27.9	Peak	Horizontal
	11030.0	32.0	18.5	50.5	74.0	-23.5	Peak	Horizontal
*	7910.5	32.7	12.4	45.1	68.2	-23.1	Peak	Vertical
*	8650.0	33.0	13.6	46.6	68.2	-21.6	Peak	Vertical
	9168.5	32.0	14.7	46.7	74.0	-27.3	Peak	Vertical
	11106.5	32.0	18.6	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 - Omni Antenna (ANT-2x2-5005)	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
*	7885.0	32.6	12.4	45.0	68.2	-23.2	Peak	Horizontal
*	8641.5	32.3	13.5	45.8	68.2	-22.4	Peak	Horizontal
	9143.0	31.7	14.6	46.3	74.0	-27.7	Peak	Horizontal
	11565.5	31.7	19.5	51.2	74.0	-22.8	Peak	Horizontal
*	7885.0	31.6	12.4	44.0	68.2	-24.2	Peak	Vertical
*	8667.0	32.4	13.6	46.0	68.2	-22.2	Peak	Vertical
	9194.0	32.6	14.7	47.3	74.0	-26.7	Peak	Vertical
	11472.0	31.8	19.3	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 - Omni Antenna (ANT-2x2-5005)	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
*	7791.5	32.8	12.4	45.2	68.2	-23.0	Peak	Horizontal
*	8582.0	32.1	13.4	45.5	68.2	-22.7	Peak	Horizontal
	9168.5	31.7	14.7	46.4	74.0	-27.6	Peak	Horizontal
	11591.0	31.0	19.5	50.5	74.0	-23.5	Peak	Horizontal
*	7910.5	32.4	12.4	44.8	68.2	-23.4	Peak	Vertical
*	8599.0	32.3	13.4	45.7	68.2	-22.5	Peak	Vertical
	9117.5	32.7	14.5	47.2	74.0	-26.8	Peak	Vertical
	11540.0	32.4	19.4	51.8	74.0	-22.2	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 - Omni Antenna (ANT-2x2-5005)	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
*	7995.5	31.8	12.5	44.3	68.2	-23.9	Peak	Horizontal
*	8633.0	32.2	13.5	45.7	68.2	-22.5	Peak	Horizontal
	9423.5	32.0	14.5	46.5	74.0	-27.5	Peak	Horizontal
	11582.5	31.6	19.5	51.1	74.0	-22.9	Peak	Horizontal
*	7893.5	32.2	12.4	44.6	68.2	-23.6	Peak	Vertical
*	8624.5	32.3	13.5	45.8	68.2	-22.4	Peak	Vertical
	9364.0	32.0	14.5	46.5	74.0	-27.5	Peak	Vertical
	10987.5	31.8	18.5	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 - Omni Antenna (ANT-2x2-5005)	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
*	7953.0	32.7	12.5	45.2	68.2	-23.0	Peak	Horizontal
*	8624.5	33.8	13.5	47.3	68.2	-20.9	Peak	Horizontal
	9389.5	32.2	14.5	46.7	74.0	-27.3	Peak	Horizontal
	11480.5	32.3	19.3	51.6	74.0	-22.4	Peak	Horizontal
*	7876.5	31.4	12.4	43.8	68.2	-24.4	Peak	Vertical
*	8879.5	32.4	14.0	46.4	68.2	-21.8	Peak	Vertical
	9432.0	31.7	14.4	46.1	74.0	-27.9	Peak	Vertical
	11540.0	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 - Omni Antenna (ANT-2x2-5005)	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
*	7859.5	32.3	12.4	44.7	68.2	-23.5	Peak	Horizontal
*	8658.5	32.3	13.6	45.9	68.2	-22.3	Peak	Horizontal
	9168.5	31.5	14.7	46.2	74.0	-27.8	Peak	Horizontal
	11506.0	31.4	19.4	50.8	74.0	-23.2	Peak	Horizontal
*	7995.5	32.6	12.5	45.1	68.2	-23.1	Peak	Vertical
*	8599.0	32.3	13.4	45.7	68.2	-22.5	Peak	Vertical
	9466.0	32.1	14.4	46.5	74.0	-27.5	Peak	Vertical
	11574.0	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 - Omni Antenna (ANT-2x2-5005)	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
*	7936.0	32.2	12.4	44.6	68.2	-23.6	Peak	Horizontal
*	8650.0	32.5	13.6	46.1	68.2	-22.1	Peak	Horizontal
	9160.0	32.1	14.7	46.8	74.0	-27.2	Peak	Horizontal
	11523.0	31.0	19.4	50.4	74.0	-23.6	Peak	Horizontal
*	7970.0	31.8	12.5	44.3	68.2	-23.9	Peak	Vertical
*	8556.5	32.7	13.2	45.9	68.2	-22.3	Peak	Vertical
	9338.5	30.9	14.6	45.5	74.0	-28.5	Peak	Vertical
	11582.5	31.2	19.5	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 - Omni Antenna (ANT-2x2-5005)	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
*	7876.5	30.7	12.4	43.1	68.2	-25.1	Peak	Horizontal
*	8735.0	30.9	13.9	44.8	68.2	-23.4	Peak	Horizontal
	9474.5	32.1	14.4	46.5	74.0	-27.5	Peak	Horizontal
	11582.5	31.1	19.5	50.6	74.0	-23.4	Peak	Horizontal
*	7859.5	30.3	12.4	42.7	68.2	-25.5	Peak	Vertical
*	8811.5	32.1	14.0	46.1	68.2	-22.1	Peak	Vertical
	9338.5	31.3	14.6	45.9	74.0	-28.1	Peak	Vertical
	11608.0	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 - Omni Antenna (ANT-2x2-5005)	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
*	7800.0	32.9	12.4	45.3	68.2	-22.9	Peak	Horizontal
*	8879.5	32.3	14.0	46.3	68.2	-21.9	Peak	Horizontal
	9381.0	31.3	14.5	45.8	74.0	-28.2	Peak	Horizontal
	11769.5	32.2	18.8	51.0	74.0	-23.0	Peak	Horizontal
*	7842.5	31.0	12.4	43.4	68.2	-24.8	Peak	Vertical
*	8777.5	29.4	13.9	43.3	68.2	-24.9	Peak	Vertical
	9381.0	30.5	14.5	45.0	74.0	-29.0	Peak	Vertical
	11574.0	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 - Omni Antenna (ANT-2x2-5005)	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
*	7902.0	31.5	12.4	43.9	68.2	-24.3	Peak	Horizontal
*	8743.5	30.5	13.9	44.4	68.2	-23.8	Peak	Horizontal
	9466.0	30.3	14.4	44.7	74.0	-29.3	Peak	Horizontal
	11004.5	31.5	18.5	50.0	74.0	-24.0	Peak	Horizontal
*	7774.5	31.6	12.4	44.0	68.2	-24.2	Peak	Vertical
*	8641.5	32.5	13.5	46.0	68.2	-22.2	Peak	Vertical
	9466.0	30.4	14.4	44.8	74.0	-29.2	Peak	Vertical
	11574.0	31.2	19.5	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 - Omni Antenna (ANT-2x2-5005)	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
*	7927.5	32.8	12.4	45.2	68.2	-23.0	Peak	Horizontal
*	8709.5	32.3	13.8	46.1	68.2	-22.1	Peak	Horizontal
	9313.0	30.6	14.7	45.3	74.0	-28.7	Peak	Horizontal
	11667.5	31.3	19.3	50.6	74.0	-23.4	Peak	Horizontal
*	7876.5	31.2	12.4	43.6	68.2	-24.6	Peak	Vertical
*	8828.5	30.0	14.0	44.0	68.2	-24.2	Peak	Vertical
	9423.5	31.1	14.5	45.6	74.0	-28.4	Peak	Vertical
	10800.5	32.2	17.9	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 - Omni Antenna (ANT-2x2-5005)	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
*	7774.5	32.0	12.4	44.4	68.2	-23.8	Peak	Horizontal
*	8854.0	29.6	14.0	43.6	68.2	-24.6	Peak	Horizontal
	9423.5	29.9	14.5	44.4	74.0	-29.6	Peak	Horizontal
	11106.5	31.6	18.6	50.2	74.0	-23.8	Peak	Horizontal
*	7961.5	31.9	12.5	44.4	68.2	-23.8	Peak	Vertical
*	8658.5	31.0	13.6	44.6	68.2	-23.6	Peak	Vertical
	9355.5	32.2	14.5	46.7	74.0	-27.3	Peak	Vertical
	11013.0	31.3	18.5	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 - Omni Antenna (ANT-2x2-5005)	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
*	7817.0	31.7	12.4	44.1	68.2	-24.1	Peak	Horizontal
*	8888.0	29.5	14.0	43.5	68.2	-24.7	Peak	Horizontal
	9398.0	31.0	14.5	45.5	74.0	-28.5	Peak	Horizontal
	11591.0	31.9	19.5	51.4	74.0	-22.6	Peak	Horizontal
*	7808.5	31.3	12.4	43.7	68.2	-24.5	Peak	Vertical
*	8786.0	28.7	13.9	42.6	68.2	-25.6	Peak	Vertical
	9338.5	32.0	14.6	46.6	74.0	-27.4	Peak	Vertical
	11344.5	31.1	19.0	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 - Omni Antenna (ANT-2x2-5005)	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
*	7902.0	32.4	12.4	44.8	68.2	-23.4	Peak	Horizontal
*	8769.0	31.8	13.9	45.7	68.2	-22.5	Peak	Horizontal
	9423.5	29.9	14.5	44.4	74.0	-29.6	Peak	Horizontal
	11582.5	31.5	19.5	51.0	74.0	-23.0	Peak	Horizontal
*	7825.5	32.4	12.4	44.8	68.2	-23.4	Peak	Vertical
*	8871.0	31.8	14.0	45.8	68.2	-22.4	Peak	Vertical
	9466.0	31.0	14.4	45.4	74.0	-28.6	Peak	Vertical
	11472.0	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 - Omni Antenna (ANT-2x2-5005)	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
*	7953.0	33.0	12.5	45.5	68.2	-22.7	Peak	Horizontal
*	8828.5	30.7	14.0	44.7	68.2	-23.5	Peak	Horizontal
	9415.0	30.1	14.5	44.6	74.0	-29.4	Peak	Horizontal
	11531.5	31.1	19.4	50.5	74.0	-23.5	Peak	Horizontal
*	7774.5	31.6	12.4	44.0	68.2	-24.2	Peak	Vertical
*	8658.5	30.9	13.6	44.5	68.2	-23.7	Peak	Vertical
	9338.5	30.4	14.6	45.0	74.0	-29.0	Peak	Vertical
	11115.0	31.6	18.6	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 - Omni Antenna (ANT-2x2-5005)	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
*	7876.5	29.9	12.4	42.3	68.2	-25.9	Peak	Horizontal
*	8786.0	29.9	13.9	43.8	68.2	-24.4	Peak	Horizontal
	9440.5	30.4	14.4	44.8	74.0	-29.2	Peak	Horizontal
	11115.0	32.3	18.6	50.9	74.0	-23.1	Peak	Horizontal
*	7800.0	32.4	12.4	44.8	68.2	-23.4	Peak	Vertical
*	8811.5	30.5	14.0	44.5	68.2	-23.7	Peak	Vertical
	9398.0	30.3	14.5	44.8	74.0	-29.2	Peak	Vertical
	11625.0	30.9	19.4	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 - Omni Antenna (ANT-2x2-5005)	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
*	7842.5	30.8	12.4	43.2	68.2	-25.0	Peak	Horizontal
*	8667.0	31.2	13.6	44.8	68.2	-23.4	Peak	Horizontal
	9398.0	30.3	14.5	44.8	74.0	-29.2	Peak	Horizontal
	11642.0	30.9	19.4	50.3	74.0	-23.7	Peak	Horizontal
*	7774.5	33.0	12.4	45.4	68.2	-22.8	Peak	Vertical
*	8599.0	32.4	13.4	45.8	68.2	-22.4	Peak	Vertical
	9347.0	31.6	14.5	46.1	74.0	-27.9	Peak	Vertical
	11667.5	31.6	19.3	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 - Omni Antenna (ANT-2x2-5005)	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
*	7876.5	30.9	12.4	43.3	68.2	-24.9	Peak	Horizontal
*	8854.0	29.8	14.0	43.8	68.2	-24.4	Peak	Horizontal
	9347.0	32.2	14.5	46.7	74.0	-27.3	Peak	Horizontal
	11557.0	31.3	19.5	50.8	74.0	-23.2	Peak	Horizontal
*	7885.0	32.7	12.4	45.1	68.2	-23.1	Peak	Vertical
*	8905.0	30.3	14.0	44.3	68.2	-23.9	Peak	Vertical
	9355.5	30.4	14.5	44.9	74.0	-29.1	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 - Omni Antenna (ANT-2x2-5005)	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
*	7859.5	31.0	12.4	43.4	68.2	-24.8	Peak	Horizontal
*	8684.0	32.7	13.7	46.4	68.2	-21.8	Peak	Horizontal
	9415.0	30.3	14.5	44.8	74.0	-29.2	Peak	Horizontal
	11412.5	31.3	19.1	50.4	74.0	-23.6	Peak	Horizontal
*	7808.5	31.7	12.4	44.1	68.2	-24.1	Peak	Vertical
*	8701.0	30.8	13.8	44.6	68.2	-23.6	Peak	Vertical
	9432.0	31.6	14.4	46.0	74.0	-28.0	Peak	Vertical
	11132.0	31.2	18.6	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 - Omni Antenna (ANT-2x2-5005)	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:	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
*	7876.5	31.1	12.4	43.5	68.2	-24.7	Peak	Horizontal
*	8743.5	30.0	13.9	43.9	68.2	-24.3	Peak	Horizontal
	9398.0	30.4	14.5	44.9	74.0	-29.1	Peak	Horizontal
	11115.0	31.8	18.6	50.4	74.0	-23.6	Peak	Horizontal
*	7885.0	31.8	12.4	44.2	68.2	-24.0	Peak	Vertical
*	8692.5	32.9	13.7	46.6	68.2	-21.6	Peak	Vertical
	9415.0	30.2	14.5	44.7	74.0	-29.3	Peak	Vertical
	11106.5	31.1	18.6	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 - Omni Antenna (ANT-2x2-5005)	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:	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
*	7859.5	30.7	12.4	43.1	68.2	-25.1	Peak	Horizontal
*	8811.5	30.5	14.0	44.5	68.2	-23.7	Peak	Horizontal
	9372.5	29.4	14.5	43.9	74.0	-30.1	Peak	Horizontal
	10826.0	31.8	18.0	49.8	74.0	-24.2	Peak	Horizontal
*	7978.5	31.9	12.5	44.4	68.2	-23.8	Peak	Vertical
*	8871.0	32.6	14.0	46.6	68.2	-21.6	Peak	Vertical
	9440.5	29.7	14.4	44.1	74.0	-29.9	Peak	Vertical
	10766.5	32.1	17.8	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 - Omni Antenna (ANT-2x2-5005)	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
*	7885.0	32.5	12.4	44.9	68.2	-23.3	Peak	Horizontal
*	8701.0	32.9	13.8	46.7	68.2	-21.5	Peak	Horizontal
	9432.0	31.6	14.4	46.0	74.0	-28.0	Peak	Horizontal
	10996.0	32.5	18.5	51.0	74.0	-23.0	Peak	Horizontal
*	7842.5	31.3	12.4	43.7	68.2	-24.5	Peak	Vertical
*	8820.0	30.8	14.0	44.8	68.2	-23.4	Peak	Vertical
	9466.0	31.8	14.4	46.2	74.0	-27.8	Peak	Vertical
	11106.5	33.3	18.6	51.9	74.0	-22.1	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 - Omni Antenna (ANT-2x2-5005)	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
*	7817.0	31.9	12.4	44.3	68.2	-23.9	Peak	Horizontal
*	8633.0	32.3	13.5	45.8	68.2	-22.4	Peak	Horizontal
	9491.5	32.4	14.4	46.8	74.0	-27.2	Peak	Horizontal
	11506.0	30.7	19.4	50.1	74.0	-23.9	Peak	Horizontal
*	7817.0	31.9	12.4	44.3	68.2	-23.9	Peak	Vertical
*	8811.5	30.3	14.0	44.3	68.2	-23.9	Peak	Vertical
	9466.0	30.4	14.4	44.8	74.0	-29.2	Peak	Vertical
	11506.0	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 - Omni Antenna (ANT-2x2-5005)	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
*	7893.5	32.4	12.4	44.8	68.2	-23.4	Peak	Horizontal
*	8854.0	30.1	14.0	44.1	68.2	-24.1	Peak	Horizontal
	9466.0	30.4	14.4	44.8	74.0	-29.2	Peak	Horizontal
	11531.5	30.7	19.4	50.1	74.0	-23.9	Peak	Horizontal
*	7851.0	32.4	12.4	44.8	68.2	-23.4	Peak	Vertical
*	8658.5	32.3	13.6	45.9	68.2	-22.3	Peak	Vertical
	9423.5	30.3	14.5	44.8	74.0	-29.2	Peak	Vertical
	11574.0	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 - Omni Antenna (ANT-2x2-5005)	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
*	7902.0	31.4	12.4	43.8	68.2	-24.4	Peak	Horizontal
*	8854.0	30.0	14.0	44.0	68.2	-24.2	Peak	Horizontal
	9466.0	31.0	14.4	45.4	74.0	-28.6	Peak	Horizontal
	12092.5	32.0	18.9	50.9	74.0	-23.1	Peak	Horizontal
*	7851.0	31.5	12.4	43.9	68.2	-24.3	Peak	Vertical
*	8769.0	29.8	13.9	43.7	68.2	-24.5	Peak	Vertical
	9432.0	31.5	14.4	45.9	74.0	-28.1	Peak	Vertical
	11557.0	31.2	19.5	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 - Omni Antenna (ANT-2x2-5005)	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
*	7783.0	31.9	12.4	44.3	68.2	-23.9	Peak	Horizontal
*	8862.5	29.5	14.0	43.5	68.2	-24.7	Peak	Horizontal
	9432.0	30.0	14.4	44.4	74.0	-29.6	Peak	Horizontal
	11523.0	30.1	19.4	49.5	74.0	-24.5	Peak	Horizontal
*	7987.0	31.0	12.5	43.5	68.2	-24.7	Peak	Vertical
*	8582.0	32.5	13.4	45.9	68.2	-22.3	Peak	Vertical
	9313.0	32.2	14.7	46.9	74.0	-27.1	Peak	Vertical
	11506.0	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 - Omni Antenna (ANT-2x2-5005)	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
*	7808.5	32.6	12.4	45.0	68.2	-23.2	Peak	Horizontal
*	8811.5	32.6	14.0	46.6	68.2	-21.6	Peak	Horizontal
	9389.5	33.4	14.5	47.9	74.0	-26.1	Peak	Horizontal
	11463.5	31.7	19.3	51.0	74.0	-23.0	Peak	Horizontal
*	7876.5	30.0	12.4	42.4	68.2	-25.8	Peak	Vertical
*	8650.0	32.1	13.6	45.7	68.2	-22.5	Peak	Vertical
	9355.5	29.4	14.5	43.9	74.0	-30.1	Peak	Vertical
	11395.5	31.5	19.1	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 - Omni Antenna (ANT-2x2-5005)	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
*	7919.0	31.1	12.4	43.5	68.2	-24.7	Peak	Horizontal
*	8862.5	31.2	14.0	45.2	68.2	-23.0	Peak	Horizontal
	9432.0	30.8	14.4	45.2	74.0	-28.8	Peak	Horizontal
	11336.0	31.6	19.0	50.6	74.0	-23.4	Peak	Horizontal
*	7936.0	32.3	12.5	44.8	68.2	-23.4	Peak	Vertical
*	8641.5	32.8	13.5	46.3	68.2	-21.9	Peak	Vertical
	9406.5	31.6	14.5	46.1	74.0	-27.9	Peak	Vertical
	11497.5	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 - Omni Antenna (ANT-2x2-5005)	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
*	7885.0	31.0	12.4	43.4	68.2	-24.8	Peak	Horizontal
*	8777.5	30.7	13.9	44.6	68.2	-23.6	Peak	Horizontal
	9423.5	29.9	14.5	44.4	74.0	-29.6	Peak	Horizontal
	11650.5	31.6	19.3	50.9	74.0	-23.1	Peak	Horizontal
*	7927.5	31.9	12.4	44.3	68.2	-23.9	Peak	Vertical
*	8777.5	29.9	13.9	43.8	68.2	-24.4	Peak	Vertical
	9347.0	31.2	14.5	45.7	74.0	-28.3	Peak	Vertical
	11659.0	31.6	19.3	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 - Omni Antenna (ANT-2x2-5005)	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
*	7876.5	31.4	12.4	43.8	68.2	-24.4	Peak	Horizontal
*	8905.0	32.7	14.0	46.7	68.2	-21.5	Peak	Horizontal
	9432.0	32.4	14.4	46.8	74.0	-27.2	Peak	Horizontal
	11106.5	31.2	18.6	49.8	74.0	-24.2	Peak	Horizontal
*	7842.5	30.7	12.4	43.1	68.2	-25.1	Peak	Vertical
*	8820.0	30.4	14.0	44.4	68.2	-23.8	Peak	Vertical
	9474.5	31.0	14.4	45.4	74.0	-28.6	Peak	Vertical
	11650.5	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 - Omni Antenna (ANT-2x2-5005)	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
*	7910.5	31.7	12.4	44.1	68.2	-24.1	Peak	Horizontal
*	8871.0	30.2	14.0	44.2	68.2	-24.0	Peak	Horizontal
	9440.5	31.3	14.4	45.7	74.0	-28.3	Peak	Horizontal
	11616.5	31.8	19.4	51.2	74.0	-22.8	Peak	Horizontal
*	7910.5	31.7	12.4	44.1	68.2	-24.1	Peak	Vertical
*	8862.5	30.5	14.0	44.5	68.2	-23.7	Peak	Vertical
	9423.5	30.3	14.5	44.8	74.0	-29.2	Peak	Vertical
	11582.5	31.1	19.5	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 - Omni Antenna (ANT-2x2-5005)	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
*	7910.5	31.6	12.4	44.0	68.2	-24.2	Peak	Horizontal
*	8820.0	30.6	14.0	44.6	68.2	-23.6	Peak	Horizontal
	9440.5	31.1	14.4	45.5	74.0	-28.5	Peak	Horizontal
	11633.5	31.4	19.4	50.8	74.0	-23.2	Peak	Horizontal
*	7808.5	31.3	12.4	43.7	68.2	-24.5	Peak	Vertical
*	8777.5	29.9	13.9	43.8	68.2	-24.4	Peak	Vertical
	9381.0	31.0	14.5	45.5	74.0	-28.5	Peak	Vertical
	11319.0	31.5	18.9	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 - Omni Antenna (ANT-2x2-5005)	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
*	7910.5	30.8	12.4	43.2	68.2	-25.0	Peak	Horizontal
*	8735.0	29.7	13.9	43.6	68.2	-24.6	Peak	Horizontal
	9423.5	30.2	14.5	44.7	74.0	-29.3	Peak	Horizontal
	11548.5	31.5	19.5	51.0	74.0	-23.0	Peak	Horizontal
*	7868.0	30.0	12.4	42.4	68.2	-25.8	Peak	Vertical
*	8888.0	32.4	14.0	46.4	68.2	-21.8	Peak	Vertical
	9466.0	30.2	14.4	44.6	74.0	-29.4	Peak	Vertical
	11497.5	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 - Omni Antenna (ANT-2x2-5005)	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
*	7800.0	33.2	12.4	45.6	68.2	-22.6	Peak	Horizontal
*	8735.0	30.3	13.9	44.2	68.2	-24.0	Peak	Horizontal
	9338.5	30.6	14.6	45.2	74.0	-28.8	Peak	Horizontal
	11633.5	31.6	19.4	51.0	74.0	-23.0	Peak	Horizontal
*	7825.5	31.4	12.4	43.8	68.2	-24.4	Peak	Vertical
*	8658.5	31.9	13.6	45.5	68.2	-22.7	Peak	Vertical
	9381.0	30.4	14.5	44.9	74.0	-29.1	Peak	Vertical
	11650.5	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 - Omni Antenna (ANT-2x2-5005)	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
*	7859.5	31.0	12.4	43.4	68.2	-24.8	Peak	Horizontal
*	8709.5	30.2	13.8	44.0	68.2	-24.2	Peak	Horizontal
	9423.5	29.8	14.5	44.3	74.0	-29.7	Peak	Horizontal
	11514.5	30.7	19.4	50.1	74.0	-23.9	Peak	Horizontal
*	7800.0	33.7	12.4	46.1	68.2	-22.1	Peak	Vertical
*	8743.5	30.2	13.9	44.1	68.2	-24.1	Peak	Vertical
	9432.0	30.0	14.4	44.4	74.0	-29.6	Peak	Vertical
	11395.5	31.4	19.1	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 - Omni Antenna (ANT-2x2-5005)	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
*	7783.0	33.2	12.4	45.6	68.2	-22.6	Peak	Horizontal
*	8658.5	30.8	13.6	44.4	68.2	-23.8	Peak	Horizontal
	9466.0	30.6	14.4	45.0	74.0	-29.0	Peak	Horizontal
	11480.5	29.5	19.3	48.8	74.0	-25.2	Peak	Horizontal
*	7859.5	31.1	12.4	43.5	68.2	-24.7	Peak	Vertical
*	8641.5	32.6	13.5	46.1	68.2	-22.1	Peak	Vertical
	9389.5	30.6	14.5	45.1	74.0	-28.9	Peak	Vertical
	11446.5	31.6	19.2	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 - Omni Antenna (ANT-2x2-5005)	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
*	7876.5	31.0	12.4	43.4	68.2	-24.8	Peak	Horizontal
*	8930.5	30.6	14.0	44.6	68.2	-23.6	Peak	Horizontal
	9381.0	31.4	14.5	45.9	74.0	-28.1	Peak	Horizontal
	11582.5	30.9	19.5	50.4	74.0	-23.6	Peak	Horizontal
*	7817.0	31.9	12.4	44.3	68.2	-23.9	Peak	Vertical
*	8701.0	31.1	13.8	44.9	68.2	-23.3	Peak	Vertical
	9330.0	32.3	14.6	46.9	74.0	-27.1	Peak	Vertical
	11565.5	31.4	19.5	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 - Omni Antenna (ANT-2x2-5005)	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
*	7902.0	32.2	12.4	44.6	68.2	-23.6	Peak	Horizontal
*	8735.0	30.2	13.9	44.1	68.2	-24.1	Peak	Horizontal
	9466.0	31.2	14.4	45.6	74.0	-28.4	Peak	Horizontal
	11625.0	31.4	19.4	50.8	74.0	-23.2	Peak	Horizontal
*	7885.0	31.9	12.4	44.3	68.2	-23.9	Peak	Vertical
*	8888.0	29.6	14.0	43.6	68.2	-24.6	Peak	Vertical
	9457.5	31.9	14.4	46.3	74.0	-27.7	Peak	Vertical
	11472.0	31.9	19.3	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 - Omni Antenna (ANT-2x2-5005)	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
*	7851.0	32.0	12.4	44.4	68.2	-23.8	Peak	Horizontal
*	8769.0	30.1	13.9	44.0	68.2	-24.2	Peak	Horizontal
	9338.5	31.4	14.6	46.0	74.0	-28.0	Peak	Horizontal
	11531.5	31.4	19.4	50.8	74.0	-23.2	Peak	Horizontal
*	7876.5	30.6	12.4	43.0	68.2	-25.2	Peak	Vertical
*	8769.0	30.5	13.9	44.4	68.2	-23.8	Peak	Vertical
	9466.0	32.2	14.4	46.6	74.0	-27.4	Peak	Vertical
	11514.5	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 - Omni Antenna (ANT-2x2-5005)	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
*	7953.0	31.9	12.5	44.3	68.2	-23.9	Peak	Horizontal
*	8590.5	31.5	13.4	44.9	68.2	-23.3	Peak	Horizontal
	9143.0	32.3	14.6	47.0	74.0	-27.0	Peak	Horizontal
	11642.0	30.9	19.4	50.2	74.0	-23.8	Peak	Horizontal
*	7902.0	33.0	12.4	45.4	68.2	-22.8	Peak	Vertical
*	8709.5	32.4	13.8	46.2	68.2	-22.0	Peak	Vertical
	9466.0	31.9	14.4	46.3	74.0	-27.7	Peak	Vertical
	11684.5	31.6	19.2	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 - Omni Antenna (ANT-2x2-5005)	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
*	7953.0	31.5	12.5	43.9	68.2	-24.3	Peak	Horizontal
*	8548.0	32.1	13.2	45.3	68.2	-22.9	Peak	Horizontal
	9338.5	31.7	14.6	46.2	74.0	-27.8	Peak	Horizontal
	11574.0	31.1	19.5	50.6	74.0	-23.4	Peak	Horizontal
*	7936.0	32.6	12.4	45.1	68.2	-23.1	Peak	Vertical
*	8896.5	31.4	14.0	45.4	68.2	-22.8	Peak	Vertical
	9364.0	32.0	14.5	46.5	74.0	-27.5	Peak	Vertical
	11497.5	30.6	19.3	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 - Omni Antenna (ANT-2x2-5005)	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
*	7995.5	33.0	12.5	45.5	68.2	-22.7	Peak	Horizontal
*	8607.5	32.7	13.5	46.1	68.2	-22.1	Peak	Horizontal
	9134.5	32.9	14.6	47.5	74.0	-26.5	Peak	Horizontal
	11030.0	31.8	18.5	50.3	74.0	-23.7	Peak	Horizontal
*	7834.0	32.2	12.4	44.5	68.2	-23.7	Peak	Vertical
*	8718.0	32.0	13.8	45.8	68.2	-22.4	Peak	Vertical
	9100.5	32.4	14.4	46.8	74.0	-27.2	Peak	Vertical
	10919.5	31.1	18.4	49.5	74.0	-24.5	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 - Omni Antenna (ANT-2x2-5005)	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
*	7817.0	32.3	12.4	44.7	68.2	-23.5	Peak	Horizontal
*	8667.0	31.3	13.6	44.9	68.2	-23.3	Peak	Horizontal
	9406.5	31.9	14.5	46.3	74.0	-27.7	Peak	Horizontal
	11557.0	31.3	19.5	50.8	74.0	-23.2	Peak	Horizontal
*	7876.5	31.6	12.4	44.0	68.2	-24.2	Peak	Vertical
*	8709.5	31.4	13.8	45.2	68.2	-23.0	Peak	Vertical
	9474.5	31.1	14.4	45.5	74.0	-28.5	Peak	Vertical
	11650.5	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 - Omni Antenna (ANT-2x2-5005)	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
*	7842.5	31.6	12.4	44.0	68.2	-24.2	Peak	Horizontal
*	8641.5	31.2	13.5	44.8	68.2	-23.4	Peak	Horizontal
	9466.0	31.6	14.4	46.0	74.0	-28.0	Peak	Horizontal
	11616.5	30.4	19.4	49.9	74.0	-24.1	Peak	Horizontal
*	7876.5	32.2	12.4	44.6	68.2	-23.6	Peak	Vertical
*	8641.5	32.1	13.5	45.7	68.2	-22.5	Peak	Vertical
	9117.5	31.3	14.5	45.9	74.0	-28.1	Peak	Vertical
	11599.5	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 - Omni Antenna (ANT-2x2-5005)	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
*	7910.5	32.2	12.4	44.6	68.2	-23.6	Peak	Horizontal
*	8616.0	31.1	13.5	44.5	68.2	-23.7	Peak	Horizontal
	9177.0	31.4	14.7	46.2	74.0	-27.8	Peak	Horizontal
	11659.0	31.8	19.3	51.1	74.0	-22.9	Peak	Horizontal
*	7893.5	32.2	12.4	44.6	68.2	-23.6	Peak	Vertical
*	8624.5	31.5	13.5	45.0	68.2	-23.2	Peak	Vertical
	9347.0	31.4	14.5	46.0	74.0	-28.0	Peak	Vertical
	11650.5	30.5	19.3	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 - Omni Antenna (ANT-2x2-5005)	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
*	7927.5	32.7	12.4	45.1	68.2	-23.1	Peak	Horizontal
*	8769.0	30.9	13.9	44.8	68.2	-23.4	Peak	Horizontal
	9338.5	31.6	14.6	46.1	74.0	-27.9	Peak	Horizontal
	11497.5	31.0	19.3	50.3	74.0	-23.7	Peak	Horizontal
*	7893.5	32.5	12.4	44.9	68.2	-23.3	Peak	Vertical
*	8820.0	32.1	14.0	46.1	68.2	-22.1	Peak	Vertical
	9381.0	31.3	14.5	45.8	74.0	-28.2	Peak	Vertical
	11548.5	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 - Omni Antenna (ANT-2x2-5005)	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
*	7893.5	32.6	12.4	45.0	68.2	-23.2	Peak	Horizontal
*	8548.0	32.9	13.2	46.1	68.2	-22.1	Peak	Horizontal
	9330.0	31.8	14.6	46.4	74.0	-27.6	Peak	Horizontal
	11004.5	31.9	18.5	50.4	74.0	-23.6	Peak	Horizontal
*	7919.0	32.6	12.4	45.0	68.2	-23.2	Peak	Vertical
*	8692.5	31.4	13.7	45.2	68.2	-23.0	Peak	Vertical
	9321.5	31.7	14.6	46.3	74.0	-27.7	Peak	Vertical
	11523.0	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 - Directional Antenna (MT-484052/NVH)	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
	7613.0	32.6	12.6	45.2	74.0	-28.8	Peak	Horizontal
	11548.5	30.8	19.4	50.2	74.0	-23.8	Peak	Horizontal
*	13826.5	32.1	22.2	54.3	68.2	-13.9	Peak	Horizontal
*	16283.0	31.0	21.0	52.0	68.2	-16.2	Peak	Horizontal
	7298.5	31.1	12.3	43.4	74.0	-30.6	Peak	Vertical
	11837.5	27.9	18.7	46.6	74.0	-27.4	Peak	Vertical
*	13486.5	28.5	21.7	50.2	68.2	-18.0	Peak	Vertical
*	16291.5	30.9	21.0	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 - Directional Antenna (MT-484052/NVH)	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
	7672.5	32.8	12.5	45.3	74.0	-28.7	Peak	Horizontal
	11642.0	30.8	19.4	50.2	74.0	-23.8	Peak	Horizontal
*	13852.0	30.6	22.3	52.9	68.2	-15.3	Peak	Horizontal
*	16291.5	30.9	21.0	51.9	68.2	-16.3	Peak	Horizontal
	7477.0	32.6	12.8	45.4	74.0	-28.6	Peak	Vertical
	11191.5	28.6	18.7	47.3	74.0	-26.7	Peak	Vertical
*	13784.0	29.5	22.1	51.6	68.2	-16.6	Peak	Vertical
*	16274.5	31.3	21.0	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 - Directional Antenna (MT-484052/NVH)	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
	7638.5	32.6	12.6	45.2	74.0	-28.8	Peak	Horizontal
	11625.0	31.1	19.4	50.5	74.0	-23.5	Peak	Horizontal
*	13979.5	31.4	22.6	54.0	68.2	-14.2	Peak	Horizontal
*	16274.5	31.3	21.0	52.3	68.2	-15.9	Peak	Horizontal
	7460.0	32.4	12.8	45.2	74.0	-28.8	Peak	Vertical
	11829.0	28.6	18.7	47.3	74.0	-26.7	Peak	Vertical
*	13835.0	29.2	22.2	51.4	68.2	-16.8	Peak	Vertical
*	16495.5	31.6	21.9	53.5	68.2	-14.7	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 - Directional Antenna (MT-484052/NVH)	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
	7443.0	33.7	12.7	46.4	74.0	-27.6	Peak	Horizontal
	11837.5	28.8	18.7	47.5	74.0	-26.5	Peak	Horizontal
*	13835.0	31.4	22.2	53.6	68.2	-14.6	Peak	Horizontal
*	16351.0	31.2	21.3	52.5	68.2	-15.7	Peak	Horizontal
	7562.0	33.0	12.8	45.8	74.0	-28.2	Peak	Vertical
	11268.0	28.3	18.8	47.1	74.0	-26.9	Peak	Vertical
*	13308.0	29.3	20.9	50.2	68.2	-18.0	Peak	Vertical
*	16512.5	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 - Directional Antenna (MT-484052/NVH)	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
	7485.5	32.8	12.8	45.6	74.0	-28.4	Peak	Horizontal
	11200.0	27.9	18.7	46.6	74.0	-27.4	Peak	Horizontal
*	13886.0	29.2	22.3	51.5	68.2	-16.7	Peak	Horizontal
*	16495.5	31.0	21.9	52.9	68.2	-15.3	Peak	Horizontal
	7485.5	32.8	12.8	45.6	74.0	-28.4	Peak	Vertical
	11200.0	27.9	18.7	46.6	74.0	-27.4	Peak	Vertical
*	13886.0	29.2	22.3	51.5	68.2	-16.7	Peak	Vertical
*	16495.5	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 - Directional Antenna (MT-484052/NVH)	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
	7366.5	31.8	12.5	44.3	74.0	-29.7	Peak	Horizontal
	10945.0	29.2	18.4	47.6	74.0	-26.4	Peak	Horizontal
*	13860.5	29.0	22.3	51.3	68.2	-16.9	Peak	Horizontal
*	16427.5	31.0	21.6	52.6	68.2	-15.6	Peak	Horizontal
	7664.0	33.0	12.5	45.5	74.0	-28.5	Peak	Vertical
	11259.5	28.1	18.8	46.9	74.0	-27.1	Peak	Vertical
*	13894.5	29.2	22.3	51.5	68.2	-16.7	Peak	Vertical
*	16427.5	31.3	21.6	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 - Directional Antenna (MT-484052/NVH)	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
	7502.5	33.3	12.8	46.1	74.0	-27.9	Peak	Horizontal
	11225.5	28.2	18.8	47.0	74.0	-27.0	Peak	Horizontal
*	13605.5	29.9	21.8	51.7	68.2	-16.5	Peak	Horizontal
*	16444.5	31.2	21.6	52.8	68.2	-15.4	Peak	Horizontal
	7638.5	32.4	12.6	45.0	74.0	-29.0	Peak	Vertical
	11174.5	28.2	18.7	46.9	74.0	-27.1	Peak	Vertical
*	13792.5	31.5	22.1	53.6	68.2	-14.6	Peak	Vertical
*	16529.5	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 - Directional Antenna (MT-484052/NVH)	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
	7638.5	32.6	12.6	45.2	74.0	-28.8	Peak	Horizontal
	11251.0	27.9	18.8	46.7	74.0	-27.3	Peak	Horizontal
*	13733.0	30.6	22.0	52.6	68.2	-15.6	Peak	Horizontal
*	16495.5	31.6	21.9	53.5	68.2	-14.7	Peak	Horizontal
	7434.5	31.5	12.7	44.2	74.0	-29.8	Peak	Vertical
	11242.5	28.1	18.8	46.9	74.0	-27.1	Peak	Vertical
*	13546.0	28.8	21.9	50.7	68.2	-17.5	Peak	Vertical
*	16206.5	30.8	20.7	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 - Directional Antenna (MT-484052/NVH)	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
	7400.5	32.5	12.6	45.1	74.0	-28.9	Peak	Horizontal
	11846.0	28.5	18.7	47.2	74.0	-26.8	Peak	Horizontal
*	13869.0	28.9	22.3	51.2	68.2	-17.0	Peak	Horizontal
*	16504.0	31.3	21.9	53.2	68.2	-15.0	Peak	Horizontal
	7579.0	33.4	12.7	46.1	74.0	-27.9	Peak	Vertical
	11931.0	28.5	18.6	47.1	74.0	-26.9	Peak	Vertical
*	13614.0	29.4	21.8	51.2	68.2	-17.0	Peak	Vertical
*	16512.5	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 - Directional Antenna (MT-484052/NVH)	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
	7630.0	32.0	12.6	44.6	74.0	-29.4	Peak	Horizontal
	11897.0	28.3	18.6	46.9	74.0	-27.1	Peak	Horizontal
*	13699.0	29.0	22.0	51.0	68.2	-17.2	Peak	Horizontal
*	16206.5	30.3	20.7	51.0	68.2	-17.2	Peak	Horizontal
	7502.5	31.8	12.8	44.6	74.0	-29.4	Peak	Vertical
	11234.0	28.4	18.8	47.2	74.0	-26.8	Peak	Vertical
*	13367.5	28.8	21.2	50.0	68.2	-18.2	Peak	Vertical
*	16232.0	30.9	20.8	51.7	68.2	-16.5	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 - Directional Antenna (MT-484052/NVH)	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
	7477.0	32.3	12.8	45.1	74.0	-28.9	Peak	Horizontal
	11191.5	28.2	18.7	46.9	74.0	-27.1	Peak	Horizontal
*	13495.0	29.7	21.7	51.4	68.2	-16.8	Peak	Horizontal
*	16223.5	30.0	20.8	50.8	68.2	-17.4	Peak	Horizontal
	7477.0	32.3	12.8	45.1	74.0	-28.9	Peak	Vertical
	11242.5	28.5	18.8	47.3	74.0	-26.7	Peak	Vertical
*	13622.5	29.7	21.8	51.5	68.2	-16.7	Peak	Vertical
*	16521.0	31.8	22.0	53.8	68.2	-14.4	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 - Directional Antenna (MT-484052/NVH)	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
	7630.0	32.4	12.6	45.0	74.0	-29.0	Peak	Horizontal
	11225.5	28.0	18.8	46.8	74.0	-27.2	Peak	Horizontal
*	13665.0	30.1	21.9	52.0	68.2	-16.2	Peak	Horizontal
*	16215.0	30.2	20.7	50.9	68.2	-17.3	Peak	Horizontal
	7579.0	32.8	12.7	45.5	74.0	-28.5	Peak	Vertical
	11242.5	28.2	18.8	47.0	74.0	-27.0	Peak	Vertical
*	13971.0	28.8	22.6	51.4	68.2	-16.8	Peak	Vertical
*	16283.0	30.6	21.0	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 - Directional Antenna (MT-484052/NVH)	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
	7570.5	30.9	12.8	43.7	74.0	-30.3	Peak	Horizontal
	10911.0	28.6	18.4	47.0	74.0	-27.0	Peak	Horizontal
*	13886.0	29.0	22.3	51.3	68.2	-16.9	Peak	Horizontal
*	16427.5	30.8	21.6	52.4	68.2	-15.8	Peak	Horizontal
	7443.0	33.0	12.7	45.7	74.0	-28.3	Peak	Vertical
	10962.0	28.5	18.4	46.9	74.0	-27.1	Peak	Vertical
*	13554.5	28.8	21.9	50.7	68.2	-17.5	Peak	Vertical
*	16300.0	30.7	21.1	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 - Directional Antenna (MT-484052/NVH)	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
	7613.0	32.8	12.6	45.4	74.0	-28.6	Peak	Horizontal
	11285.0	28.3	18.8	47.1	74.0	-26.9	Peak	Horizontal
*	13860.5	29.0	22.3	51.3	68.2	-16.9	Peak	Horizontal
*	16461.5	31.1	21.7	52.8	68.2	-15.4	Peak	Horizontal
	7485.5	32.3	12.8	45.1	74.0	-28.9	Peak	Vertical
	11327.5	28.3	18.9	47.2	74.0	-26.8	Peak	Vertical
*	13894.5	29.0	22.3	51.3	68.2	-16.9	Peak	Vertical
*	16274.5	30.2	21.0	51.2	68.2	-17.0	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 - Directional Antenna (MT-484052/NVH)	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
	7638.5	32.9	12.6	45.5	74.0	-28.5	Peak	Horizontal
	11489.0	30.2	19.3	49.5	74.0	-24.5	Peak	Horizontal
*	13903.0	31.2	22.3	53.5	68.2	-14.7	Peak	Horizontal
*	16274.5	31.9	21.0	52.9	68.2	-15.3	Peak	Horizontal
	7349.5	32.4	12.4	44.8	74.0	-29.2	Peak	Vertical
	11217.0	28.2	18.8	47.0	74.0	-27.0	Peak	Vertical
*	13860.5	29.1	22.3	51.4	68.2	-16.8	Peak	Vertical
*	16436.0	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 - Directional Antenna (MT-484052/NVH)	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
	7562.0	32.8	12.8	45.6	74.0	-28.4	Peak	Horizontal
	11191.5	30.2	18.7	48.9	74.0	-25.1	Peak	Horizontal
*	13920.0	29.5	22.4	51.9	68.2	-16.3	Peak	Horizontal
*	16359.5	31.0	21.3	52.3	68.2	-15.9	Peak	Horizontal
	7485.5	32.7	12.8	45.5	74.0	-28.5	Peak	Vertical
	11225.5	28.5	18.8	47.3	74.0	-26.7	Peak	Vertical
*	13622.5	29.4	21.8	51.2	68.2	-17.0	Peak	Vertical
*	16538.0	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 - Directional Antenna (MT-484052/NVH)	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
	7604.5	30.9	12.7	43.6	74.0	-30.4	Peak	Horizontal
	11370.0	28.2	19.0	47.2	74.0	-26.8	Peak	Horizontal
*	13903.0	29.2	22.3	51.5	68.2	-16.7	Peak	Horizontal
*	16206.5	30.4	20.7	51.1	68.2	-17.1	Peak	Horizontal
	7604.5	32.6	12.7	45.3	74.0	-28.7	Peak	Vertical
	11174.5	28.5	18.7	47.2	74.0	-26.8	Peak	Vertical
*	13571.5	28.7	21.8	50.5	68.2	-17.7	Peak	Vertical
*	16504.0	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 - Directional Antenna (MT-484052/NVH)	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
	7511.0	31.9	12.8	44.7	74.0	-29.3	Peak	Horizontal
	11378.5	29.9	19.1	49.0	74.0	-25.0	Peak	Horizontal
*	13826.5	30.9	22.2	53.1	68.2	-15.1	Peak	Horizontal
*	16283.0	31.2	21.0	52.2	68.2	-16.0	Peak	Horizontal
	7443.0	32.8	12.7	45.5	74.0	-28.5	Peak	Vertical
	11251.0	28.2	18.8	47.0	74.0	-27.0	Peak	Vertical
*	13826.5	30.9	22.2	53.1	68.2	-15.1	Peak	Vertical
*	16274.5	31.1	21.0	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 - Directional Antenna (MT-484052/NVH)	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
	7545.0	32.1	12.8	44.9	74.0	-29.1	Peak	Horizontal
	11701.5	28.7	19.1	47.8	74.0	-26.2	Peak	Horizontal
*	13894.5	29.2	22.3	51.5	68.2	-16.7	Peak	Horizontal
*	16351.0	31.0	21.3	52.3	68.2	-15.9	Peak	Horizontal
	7468.5	32.0	12.8	44.8	74.0	-29.2	Peak	Vertical
	11242.5	28.1	18.8	46.9	74.0	-27.1	Peak	Vertical
*	13546.0	29.4	21.9	51.3	68.2	-16.9	Peak	Vertical
*	16555.0	30.7	22.2	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 - Directional Antenna (MT-484052/NVH)	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
	7511.0	32.6	12.8	45.4	74.0	-28.6	Peak	Horizontal
	11735.5	28.9	19.0	47.9	74.0	-26.1	Peak	Horizontal
*	13758.5	30.7	22.0	52.7	68.2	-15.5	Peak	Horizontal
*	16572.0	31.0	22.3	53.3	68.2	-14.9	Peak	Horizontal
	7519.5	32.7	12.8	45.5	74.0	-28.5	Peak	Vertical
	11191.5	28.2	18.7	46.9	74.0	-27.1	Peak	Vertical
*	13605.5	29.5	21.8	51.3	68.2	-16.9	Peak	Vertical
*	16359.5	31.2	21.3	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 - Directional Antenna (MT-484052/NVH)	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:	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
	7494.0	33.5	12.8	46.3	74.0	-27.7	Peak	Horizontal
	11548.5	30.4	19.4	49.8	74.0	-24.2	Peak	Horizontal
*	13928.5	29.8	22.4	52.2	68.2	-16.0	Peak	Horizontal
*	16546.5	31.1	22.1	53.2	68.2	-15.0	Peak	Horizontal
	7451.5	31.8	12.8	44.6	74.0	-29.4	Peak	Vertical
	11259.5	28.2	18.8	47.0	74.0	-27.0	Peak	Vertical
*	13546.0	29.2	21.9	51.1	68.2	-17.1	Peak	Vertical
*	16359.5	31.1	21.3	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 - Directional Antenna (MT-484052/NVH)	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
	7400.5	31.7	12.6	44.3	74.0	-29.7	Peak	Horizontal
	11820.5	28.8	18.7	47.5	74.0	-26.5	Peak	Horizontal
*	13367.5	28.8	21.2	50.0	68.2	-18.2	Peak	Horizontal
*	16283.0	31.7	21.0	52.7	68.2	-15.5	Peak	Horizontal
	7536.5	32.3	12.8	45.1	74.0	-28.9	Peak	Vertical
	11710.0	28.0	19.1	47.1	74.0	-26.9	Peak	Vertical
*	13427.0	28.9	21.5	50.4	68.2	-17.8	Peak	Vertical
*	16538.0	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 - Directional Antenna (MT-484052/NVH)	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
	7536.5	31.8	12.8	44.6	74.0	-29.4	Peak	Horizontal
	11744.0	29.5	18.9	48.4	74.0	-25.6	Peak	Horizontal
*	13682.0	29.6	21.9	51.5	68.2	-16.7	Peak	Horizontal
*	16274.5	30.9	21.0	51.9	68.2	-16.3	Peak	Horizontal
	7468.5	32.9	12.8	45.7	74.0	-28.3	Peak	Vertical
	11378.5	28.7	19.1	47.8	74.0	-26.2	Peak	Vertical
*	13869.0	29.0	22.3	51.3	68.2	-16.9	Peak	Vertical
*	16393.5	31.1	21.5	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 - Directional Antenna (MT-484052/NVH)	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
	7638.5	33.0	12.6	45.6	74.0	-28.4	Peak	Horizontal
	11276.5	28.4	18.8	47.2	74.0	-26.8	Peak	Horizontal
*	13928.5	29.9	22.4	52.3	68.2	-15.9	Peak	Horizontal
*	16206.5	31.4	20.7	52.1	68.2	-16.1	Peak	Horizontal
	7604.5	32.8	12.7	45.5	74.0	-28.5	Peak	Vertical
	11302.0	27.9	18.9	46.8	74.0	-27.2	Peak	Vertical
*	13588.5	28.8	21.8	50.6	68.2	-17.6	Peak	Vertical
*	16206.5	30.9	20.7	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 - Directional Antenna (MT-484052/NVH)	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
	7613.0	32.5	12.6	45.1	74.0	-28.9	Peak	Horizontal
	11871.5	30.4	18.7	49.1	74.0	-24.9	Peak	Horizontal
*	13758.5	29.3	22.0	51.3	68.2	-16.9	Peak	Horizontal
*	16495.5	31.3	21.9	53.2	68.2	-15.0	Peak	Horizontal
	7502.5	32.7	12.8	45.5	74.0	-28.5	Peak	Vertical
	11208.5	27.8	18.8	46.6	74.0	-27.4	Peak	Vertical
*	13665.0	29.8	21.9	51.7	68.2	-16.5	Peak	Vertical
*	16512.5	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 - Directional Antenna (MT-484052/NVH)	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
	7400.5	33.0	12.6	45.6	74.0	-28.4	Peak	Horizontal
	11395.5	31.2	19.1	50.3	74.0	-23.7	Peak	Horizontal
*	13894.5	29.6	22.3	51.9	68.2	-16.3	Peak	Horizontal
*	16495.5	31.1	21.9	53.0	68.2	-15.2	Peak	Horizontal
	7443.0	33.2	12.7	45.9	74.0	-28.1	Peak	Vertical
	11276.5	28.4	18.8	47.2	74.0	-26.8	Peak	Vertical
*	13588.5	28.9	21.8	50.7	68.2	-17.5	Peak	Vertical
*	16427.5	31.3	21.6	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 - Directional Antenna (MT-484052/NVH)	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
	7579.0	32.4	12.7	45.1	74.0	-28.9	Peak	Horizontal
	11446.5	29.7	19.2	48.9	74.0	-25.1	Peak	Horizontal
*	13784.0	30.4	22.1	52.5	68.2	-15.7	Peak	Horizontal
*	16427.5	31.3	21.6	52.9	68.2	-15.3	Peak	Horizontal
	7528.0	32.5	12.8	45.3	74.0	-28.7	Peak	Vertical
	11225.5	28.1	18.8	46.9	74.0	-27.1	Peak	Vertical
*	13733.0	29.2	22.0	51.2	68.2	-17.0	Peak	Vertical
*	16291.5	30.9	21.0	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 - Directional Antenna (MT-484052/NVH)	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
	7664.0	32.6	12.5	45.1	74.0	-28.9	Peak	Horizontal
	11438.0	29.7	19.2	48.9	74.0	-25.1	Peak	Horizontal
*	13665.0	30.2	21.9	52.1	68.2	-16.1	Peak	Horizontal
*	16529.5	31.1	22.0	53.1	68.2	-15.1	Peak	Horizontal
	7417.5	31.6	12.6	44.2	74.0	-29.8	Peak	Vertical
	11276.5	28.5	18.8	47.3	74.0	-26.7	Peak	Vertical
*	13665.0	29.4	21.9	51.3	68.2	-16.9	Peak	Vertical
*	16538.0	31.1	22.1	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 - Directional Antenna (MT-484052/NVH)	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
	7655.5	33.6	12.5	46.1	74.0	-27.9	Peak	Horizontal
	11591.0	30.3	19.5	49.8	74.0	-24.2	Peak	Horizontal
*	13733.0	29.5	22.0	51.5	68.2	-16.7	Peak	Horizontal
*	16504.0	31.5	21.9	53.4	68.2	-14.8	Peak	Horizontal
	7434.5	32.1	12.7	44.8	74.0	-29.2	Peak	Vertical
	11200.0	27.9	18.7	46.6	74.0	-27.4	Peak	Vertical
*	13733.0	29.5	22.0	51.5	68.2	-16.7	Peak	Vertical
*	16444.5	30.9	21.6	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 - Directional Antenna (MT-484052/NVH)	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
	7630.0	32.8	12.6	45.4	74.0	-28.6	Peak	Horizontal
	11846.0	29.3	18.7	48.0	74.0	-26.0	Peak	Horizontal
*	13962.5	30.4	22.5	52.9	68.2	-15.3	Peak	Horizontal
*	16359.5	31.1	21.3	52.4	68.2	-15.8	Peak	Horizontal
	7562.0	32.8	12.8	45.6	74.0	-28.4	Peak	Vertical
	11225.5	28.1	18.8	46.9	74.0	-27.1	Peak	Vertical
*	13639.5	28.8	21.8	50.6	68.2	-17.6	Peak	Vertical
*	16495.5	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 - Directional Antenna (MT-484052/NVH)	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
	7409.0	32.2	12.6	44.8	74.0	-29.2	Peak	Horizontal
	11438.0	29.8	19.2	49.0	74.0	-25.0	Peak	Horizontal
*	13792.5	29.8	22.1	51.9	68.2	-16.3	Peak	Horizontal
*	16546.5	30.9	22.1	53.0	68.2	-15.2	Peak	Horizontal
	7511.0	32.1	12.8	44.9	74.0	-29.1	Peak	Vertical
	11871.5	28.2	18.7	46.9	74.0	-27.1	Peak	Vertical
*	13716.0	29.0	22.0	51.0	68.2	-17.2	Peak	Vertical
*	16427.5	31.1	21.6	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 - Directional Antenna (MT-484052/NVH)	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
	7485.5	32.1	12.8	44.9	74.0	-29.1	Peak	Horizontal
	11608.0	30.2	19.4	49.6	74.0	-24.4	Peak	Horizontal
*	13911.5	29.9	22.4	52.3	68.2	-15.9	Peak	Horizontal
*	16487.0	31.0	21.8	52.8	68.2	-15.4	Peak	Horizontal
	7613.0	33.5	12.6	46.1	74.0	-27.9	Peak	Vertical
	11149.0	29.0	18.7	47.7	74.0	-26.3	Peak	Vertical
*	13622.5	28.6	21.8	50.4	68.2	-17.8	Peak	Vertical
*	16215.0	30.4	20.7	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 - Directional Antenna (MT-484052/NVH)	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
	7477.0	32.0	12.8	44.8	74.0	-29.2	Peak	Horizontal
	11183.0	28.1	18.7	46.8	74.0	-27.2	Peak	Horizontal
*	13563.0	30.7	21.8	52.5	68.2	-15.7	Peak	Horizontal
*	16478.5	31.0	21.8	52.8	68.2	-15.4	Peak	Horizontal
	7400.5	32.3	12.6	44.9	74.0	-29.1	Peak	Vertical
	11191.5	27.7	18.7	46.4	74.0	-27.6	Peak	Vertical
*	13903.0	28.9	22.3	51.2	68.2	-17.0	Peak	Vertical
*	16274.5	30.5	21.0	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 - Directional Antenna (MT-484052/NVH)	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
	7502.5	32.5	12.8	45.3	74.0	-28.7	Peak	Horizontal
	11786.5	29.2	18.8	48.0	74.0	-26.0	Peak	Horizontal
*	13605.5	29.5	21.8	51.3	68.2	-16.9	Peak	Horizontal
*	16325.5	30.7	21.2	51.9	68.2	-16.3	Peak	Horizontal
	7485.5	32.3	12.8	45.1	74.0	-28.9	Peak	Vertical
	11234.0	28.1	18.8	46.9	74.0	-27.1	Peak	Vertical
*	13673.5	28.6	21.9	50.5	68.2	-17.7	Peak	Vertical
*	16410.5	30.7	21.5	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 - Directional Antenna (MT-484052/NVH)	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
	7519.5	32.7	12.8	45.5	74.0	-28.5	Peak	Horizontal
	11438.0	30.4	19.2	49.6	74.0	-24.4	Peak	Horizontal
*	13860.5	30.3	22.3	52.6	68.2	-15.6	Peak	Horizontal
*	16436.0	31.6	21.6	53.2	68.2	-15.0	Peak	Horizontal
	7434.5	32.7	12.7	45.4	74.0	-28.6	Peak	Vertical
	11370.0	27.9	19.0	46.9	74.0	-27.1	Peak	Vertical
*	13648.0	29.1	21.8	50.9	68.2	-17.3	Peak	Vertical
*	16504.0	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 - Directional Antenna (MT-484052/NVH)	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
	7511.0	33.0	12.8	45.8	74.0	-28.2	Peak	Horizontal
	11132.0	28.8	18.6	47.4	74.0	-26.6	Peak	Horizontal
*	13826.5	31.1	22.2	53.3	68.2	-14.9	Peak	Horizontal
*	16274.5	30.7	21.0	51.7	68.2	-16.5	Peak	Horizontal
	7519.5	32.7	12.8	45.5	74.0	-28.5	Peak	Vertical
	11225.5	28.5	18.8	47.3	74.0	-26.7	Peak	Vertical
*	13614.0	29.4	21.8	51.2	68.2	-17.0	Peak	Vertical
*	16385.0	31.3	21.4	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 - Directional Antenna (MT-484052/NVH)	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
	7443.0	31.6	12.7	44.3	74.0	-29.7	Peak	Horizontal
	11395.5	29.8	19.1	48.9	74.0	-25.1	Peak	Horizontal
*	13903.0	29.0	22.3	51.3	68.2	-16.9	Peak	Horizontal
*	16487.0	31.4	21.8	53.2	68.2	-15.0	Peak	Horizontal
	7451.5	32.4	12.8	45.2	74.0	-28.8	Peak	Vertical
	11429.5	29.9	19.2	49.1	74.0	-24.9	Peak	Vertical
*	13656.5	29.1	21.8	50.9	68.2	-17.3	Peak	Vertical
*	16291.5	30.5	21.0	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 - Directional Antenna (MT-484052/NVH)	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
*	7834.0	33.2	12.4	45.6	68.2	-22.6	Peak	Horizontal
*	8582.0	32.2	13.4	45.6	68.2	-22.6	Peak	Horizontal
	9160.0	31.5	14.7	46.2	74.0	-27.8	Peak	Horizontal
	11548.5	30.8	19.4	50.2	74.0	-23.8	Peak	Horizontal
*	7876.5	31.5	12.4	43.9	68.2	-24.3	Peak	Vertical
*	8616.0	32.4	13.5	45.9	68.2	-22.3	Peak	Vertical
	9168.5	32.1	14.7	46.8	74.0	-27.2	Peak	Vertical
	11591.0	30.4	19.5	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 - Directional Antenna (MT-484052/NVH)	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
*	7919.0	32.4	12.4	44.8	68.2	-23.4	Peak	Horizontal
*	8684.0	32.1	13.7	45.8	68.2	-22.4	Peak	Horizontal
	9134.5	30.4	14.6	45.0	74.0	-29.0	Peak	Horizontal
	10868.5	31.3	18.2	49.5	74.0	-24.5	Peak	Horizontal
*	7927.5	31.8	12.4	44.2	68.2	-24.0	Peak	Vertical
*	8607.5	32.7	13.5	46.2	68.2	-22.0	Peak	Vertical
	9160.0	31.9	14.7	46.6	74.0	-27.4	Peak	Vertical
	11608.0	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 - Directional Antenna (MT-484052/NVH)	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
*	7893.5	31.2	12.4	43.6	68.2	-24.6	Peak	Horizontal
*	8565.0	32.3	13.3	45.6	68.2	-22.6	Peak	Horizontal
	9151.5	31.5	14.7	46.2	74.0	-27.8	Peak	Horizontal
	11582.5	31.1	19.5	50.6	74.0	-23.4	Peak	Horizontal
*	7910.5	31.6	12.4	44.0	68.2	-24.2	Peak	Vertical
*	8556.5	32.2	13.2	45.4	68.2	-22.8	Peak	Vertical
	9406.5	32.4	14.5	46.9	74.0	-27.1	Peak	Vertical
	11480.5	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 - Directional Antenna (MT-484052/NVH)	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
*	7842.5	31.7	12.4	44.1	68.2	-24.1	Peak	Horizontal
*	8599.0	32.7	13.4	46.1	68.2	-22.1	Peak	Horizontal
	9168.5	31.9	14.7	46.6	74.0	-27.4	Peak	Horizontal
	11472.0	31.4	19.3	50.7	74.0	-23.3	Peak	Horizontal
*	7893.5	31.5	12.4	43.9	68.2	-24.3	Peak	Vertical
*	8582.0	32.7	13.4	46.1	68.2	-22.1	Peak	Vertical
	9474.5	31.0	14.4	45.4	74.0	-28.6	Peak	Vertical
	11395.5	30.7	19.1	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 - Directional Antenna (MT-484052/NVH)	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
*	7859.5	33.2	12.4	45.6	68.2	-22.6	Peak	Horizontal
*	8633.0	33.3	13.5	46.8	68.2	-21.4	Peak	Horizontal
	9168.5	32.1	14.7	46.8	74.0	-27.2	Peak	Horizontal
	11633.5	30.8	19.4	50.2	74.0	-23.8	Peak	Horizontal
*	7902.0	32.1	12.4	44.5	68.2	-23.7	Peak	Vertical
*	8624.5	32.4	13.5	45.9	68.2	-22.3	Peak	Vertical
	9338.5	31.5	14.6	46.1	74.0	-27.9	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 - Directional Antenna (MT-484052/NVH)	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
*	7893.5	31.9	12.4	44.3	68.2	-23.9	Peak	Horizontal
*	8633.0	32.0	13.5	45.5	68.2	-22.7	Peak	Horizontal
	9143.0	32.2	14.6	46.8	74.0	-27.2	Peak	Horizontal
	11531.5	31.0	19.4	50.4	74.0	-23.6	Peak	Horizontal
*	7936.0	31.8	12.4	44.2	68.2	-24.0	Peak	Vertical
*	8633.0	32.5	13.5	46.0	68.2	-22.2	Peak	Vertical
	9177.0	31.7	14.7	46.4	74.0	-27.6	Peak	Vertical
	11616.5	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 - Directional Antenna (MT-484052/NVH)	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
*	7902.0	31.5	12.4	43.9	68.2	-24.3	Peak	Horizontal
*	8565.0	32.3	13.3	45.6	68.2	-22.6	Peak	Horizontal
	9041.0	32.6	14.2	46.8	74.0	-27.2	Peak	Horizontal
	11523.0	31.4	19.4	50.8	74.0	-23.2	Peak	Horizontal
*	7936.0	31.7	12.4	44.1	68.2	-24.1	Peak	Vertical
*	8573.5	32.3	13.3	45.6	68.2	-22.6	Peak	Vertical
	9185.5	31.4	14.7	46.1	74.0	-27.9	Peak	Vertical
	11140.5	31.7	18.7	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 - Directional Antenna (MT-484052/NVH)	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
*	7919.0	31.4	12.4	43.8	68.2	-24.4	Peak	Horizontal
*	8616.0	31.7	13.5	45.2	68.2	-23.0	Peak	Horizontal
	9168.5	31.6	14.7	46.3	74.0	-27.7	Peak	Horizontal
	11557.0	31.0	19.5	50.5	74.0	-23.5	Peak	Horizontal
*	7978.5	32.1	12.5	44.6	68.2	-23.6	Peak	Vertical
*	8616.0	32.7	13.5	46.2	68.2	-22.0	Peak	Vertical
	9415.0	31.5	14.5	46.0	74.0	-28.0	Peak	Vertical
	11514.5	32.0	19.4	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 - Directional Antenna (MT-484052/NVH)	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
*	7851.0	31.2	12.4	43.6	68.2	-24.6	Peak	Horizontal
*	8777.5	31.3	13.9	45.2	68.2	-23.0	Peak	Horizontal
	9381.0	30.7	14.5	45.2	74.0	-28.8	Peak	Horizontal
	11667.5	31.8	19.3	51.1	74.0	-22.9	Peak	Horizontal
*	7834.0	31.6	12.4	44.0	68.2	-24.2	Peak	Vertical
*	8709.5	30.7	13.8	44.5	68.2	-23.7	Peak	Vertical
	9423.5	30.4	14.5	44.9	74.0	-29.1	Peak	Vertical
	11548.5	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 - Directional Antenna (MT-484052/NVH)	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
*	7808.5	32.3	12.4	44.7	68.2	-23.5	Peak	Horizontal
*	8777.5	30.6	13.9	44.5	68.2	-23.7	Peak	Horizontal
	9389.5	31.6	14.5	46.1	74.0	-27.9	Peak	Horizontal
	11412.5	31.1	19.1	50.2	74.0	-23.8	Peak	Horizontal
*	7919.0	30.4	12.4	42.8	68.2	-25.4	Peak	Vertical
*	8752.0	31.7	13.9	45.6	68.2	-22.6	Peak	Vertical
	9449.0	31.4	14.4	45.8	74.0	-28.2	Peak	Vertical
	11565.5	30.6	19.5	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 - Directional Antenna (MT-484052/NVH)	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
*	7851.0	31.6	12.4	44.0	68.2	-24.2	Peak	Horizontal
*	8582.0	32.9	13.4	46.3	68.2	-21.9	Peak	Horizontal
	9449.0	31.7	14.4	46.1	74.0	-27.9	Peak	Horizontal
	11506.0	31.4	19.4	50.8	74.0	-23.2	Peak	Horizontal
*	7783.0	32.6	12.4	45.0	68.2	-23.2	Peak	Vertical
*	8735.0	31.6	13.9	45.5	68.2	-22.7	Peak	Vertical
	9423.5	31.1	14.5	45.6	74.0	-28.4	Peak	Vertical
	11574.0	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 - Directional Antenna (MT-484052/NVH)	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
*	7808.5	31.9	12.4	44.3	68.2	-23.9	Peak	Horizontal
*	8607.5	32.1	13.5	45.6	68.2	-22.6	Peak	Horizontal
	9381.0	30.7	14.5	45.2	74.0	-28.8	Peak	Horizontal
	11548.5	31.5	19.5	51.0	74.0	-23.0	Peak	Horizontal
*	7851.0	32.3	12.4	44.7	68.2	-23.5	Peak	Vertical
*	8854.0	31.0	14.0	45.0	68.2	-23.2	Peak	Vertical
	9449.0	31.4	14.4	45.8	74.0	-28.2	Peak	Vertical
	11506.0	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 - Directional Antenna (MT-484052/NVH)	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
*	7808.5	31.6	12.4	44.0	68.2	-24.2	Peak	Horizontal
*	8803.0	31.8	14.0	45.8	68.2	-22.4	Peak	Horizontal
	9457.5	32.1	14.4	46.5	74.0	-27.5	Peak	Horizontal
	10936.5	31.8	18.4	50.2	74.0	-23.8	Peak	Horizontal
*	7817.0	32.5	12.4	44.9	68.2	-23.3	Peak	Vertical
*	8692.5	32.0	13.7	45.7	68.2	-22.5	Peak	Vertical
	9313.0	31.7	14.7	46.4	74.0	-27.6	Peak	Vertical
	11429.5	31.1	19.2	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 - Directional Antenna (MT-484052/NVH)	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
*	7825.5	32.3	12.4	44.7	68.2	-23.5	Peak	Horizontal
*	8794.5	30.8	14.0	44.8	68.2	-23.4	Peak	Horizontal
	9330.0	32.1	14.6	46.7	74.0	-27.3	Peak	Horizontal
	11540.0	31.1	19.4	50.5	74.0	-23.5	Peak	Horizontal
*	7885.0	31.3	12.4	43.7	68.2	-24.5	Peak	Vertical
*	8650.0	33.2	13.6	46.8	68.2	-21.4	Peak	Vertical
	9423.5	31.1	14.5	45.6	74.0	-28.4	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 - Directional Antenna (MT-484052/NVH)	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
*	7842.5	31.9	12.4	44.3	68.2	-23.9	Peak	Horizontal
*	8692.5	31.1	13.7	44.8	68.2	-23.4	Peak	Horizontal
	9449.0	32.2	14.4	46.6	74.0	-27.4	Peak	Horizontal
	10809.0	31.6	17.9	49.5	74.0	-24.5	Peak	Horizontal
*	7791.5	32.2	12.4	44.6	68.2	-23.6	Peak	Vertical
*	8811.5	29.9	14.0	43.9	68.2	-24.3	Peak	Vertical
	9466.0	31.1	14.4	45.5	74.0	-28.5	Peak	Vertical
	10894.0	31.7	18.3	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 - Directional Antenna (MT-484052/NVH)	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
*	7842.5	31.6	12.4	44.0	68.2	-24.2	Peak	Horizontal
*	8811.5	30.3	14.0	44.3	68.2	-23.9	Peak	Horizontal
	9483.0	31.1	14.4	45.5	74.0	-28.5	Peak	Horizontal
	10911.0	31.8	18.4	50.2	74.0	-23.8	Peak	Horizontal
*	7808.5	32.2	12.4	44.6	68.2	-23.6	Peak	Vertical
*	8701.0	32.5	13.8	46.3	68.2	-21.9	Peak	Vertical
	9466.0	30.1	14.4	44.5	74.0	-29.5	Peak	Vertical
	11463.5	32.0	19.3	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 - Directional Antenna (MT-484052/NVH)	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
*	7876.5	31.7	12.4	44.1	68.2	-24.1	Peak	Horizontal
*	8641.5	32.3	13.5	45.8	68.2	-22.4	Peak	Horizontal
	9313.0	31.3	14.7	46.0	74.0	-28.0	Peak	Horizontal
	11455.0	31.0	19.2	50.2	74.0	-23.8	Peak	Horizontal
*	7825.5	32.3	12.4	44.7	68.2	-23.5	Peak	Vertical
*	8709.5	30.3	13.8	44.1	68.2	-24.1	Peak	Vertical
	9466.0	31.7	14.4	46.1	74.0	-27.9	Peak	Vertical
	11404.0	31.8	19.1	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 - Directional Antenna (MT-484052/NVH)	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
*	7808.5	32.9	12.4	45.3	68.2	-22.9	Peak	Horizontal
*	8769.0	30.7	13.9	44.6	68.2	-23.6	Peak	Horizontal
	9338.5	30.8	14.6	45.4	74.0	-28.6	Peak	Horizontal
	11608.0	32.8	19.4	52.2	74.0	-21.8	Peak	Horizontal
*	7868.0	30.3	12.4	42.7	68.2	-25.5	Peak	Vertical
*	8752.0	32.1	13.9	46.0	68.2	-22.2	Peak	Vertical
	9389.5	31.9	14.5	46.4	74.0	-27.6	Peak	Vertical
	11557.0	31.1	19.5	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 - Directional Antenna (MT-484052/NVH)	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
*	7876.5	30.8	12.4	43.2	68.2	-25.0	Peak	Horizontal
*	8692.5	31.0	13.7	44.7	68.2	-23.5	Peak	Horizontal
	9466.0	30.6	14.4	45.0	74.0	-29.0	Peak	Horizontal
	11608.0	31.6	19.4	51.0	74.0	-23.0	Peak	Horizontal
*	7834.0	31.0	12.4	43.4	68.2	-24.8	Peak	Vertical
*	8811.5	30.2	14.0	44.2	68.2	-24.0	Peak	Vertical
	9338.5	31.0	14.6	45.6	74.0	-28.4	Peak	Vertical
	11650.5	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 - Directional Antenna (MT-484052/NVH)	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
*	7876.5	31.1	12.4	43.5	68.2	-24.7	Peak	Horizontal
*	8871.0	31.1	14.0	45.1	68.2	-23.1	Peak	Horizontal
	9381.0	31.5	14.5	46.0	74.0	-28.0	Peak	Horizontal
	11574.0	31.8	19.5	51.3	74.0	-22.7	Peak	Horizontal
*	7834.0	32.5	12.4	44.9	68.2	-23.3	Peak	Vertical
*	8828.5	31.9	14.0	45.9	68.2	-22.3	Peak	Vertical
	9338.5	32.2	14.6	46.8	74.0	-27.2	Peak	Vertical
	11633.5	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)