Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/30
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test Channel:	44
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	37.1	12.7	49.8	54.0	-4.2	Peak	Horizontal
	8259.0	37.8	11.9	49.7	54.0	-4.3	Peak	Horizontal
*	9644.5	36.7	14.4	51.1	68.2	-17.1	Peak	Horizontal
*	10367.0	36.1	16.8	52.9	68.2	-15.3	Peak	Horizontal
	7596.0	36.7	12.7	49.4	54.0	-4.6	Peak	Vertical
	8148.5	37.7	12.1	49.8	54.0	-4.2	Peak	Vertical
*	9797.5	35.9	15.1	51.0	68.2	-17.2	Peak	Vertical
*	10197.0	35.5	16.2	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	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/30
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test Channel:	48
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	34.7	12.8	47.5	54.0	-6.5	Peak	Horizontal
	8182.5	37.5	12.0	49.5	54.0	-4.5	Peak	Horizontal
*	10052.5	37.0	15.5	52.5	68.2	-15.7	Peak	Horizontal
*	10324.5	35.2	16.7	51.9	68.2	-16.3	Peak	Horizontal
	7511.0	36.3	12.8	49.1	54.0	-4.9	Peak	Vertical
	8216.5	38.3	11.9	50.2	54.0	-3.8	Peak	Vertical
*	9661.5	36.4	14.5	50.9	68.2	-17.3	Peak	Vertical
*	10197.0	36.1	16.2	52.3	68.2	-15.9	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/30
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test Channel:	149
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	36.0	12.7	48.7	54.0	-5.3	Peak	Horizontal
	8182.5	37.7	12.0	49.7	54.0	-4.3	Peak	Horizontal
*	9755.0	35.6	14.8	50.4	68.2	-17.8	Peak	Horizontal
*	10205.5	35.3	16.2	51.5	68.2	-16.7	Peak	Horizontal
	7562.0	34.9	12.8	47.7	54.0	-6.3	Peak	Vertical
	8165.5	37.3	12.1	49.4	54.0	-4.6	Peak	Vertical
*	9721.0	35.8	14.7	50.5	68.2	-17.7	Peak	Vertical
*	10163.0	35.9	16.0	51.9	68.2	-16.3	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/30
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test Channel:	157
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	35.1	12.8	47.9	54.0	-6.1	Peak	Horizontal
	8369.5	35.9	12.1	48.0	54.0	-6.0	Peak	Horizontal
*	9814.5	35.5	15.4	50.9	68.2	-17.3	Peak	Horizontal
*	10180.0	35.8	16.1	51.9	68.2	-16.3	Peak	Horizontal
	7647.0	36.4	12.5	48.9	54.0	-5.1	Peak	Vertical
	8335.5	36.9	11.9	48.8	54.0	-5.2	Peak	Vertical
*	9865.5	35.4	16.0	51.4	68.2	-16.8	Peak	Vertical
*	10392.5	35.4	16.9	52.3	68.2	-15.9	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/30
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test Channel:	165
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	36.4	12.5	48.9	54.0	-5.1	Peak	Horizontal
	8242.0	36.5	11.9	48.4	54.0	-5.6	Peak	Horizontal
*	9814.5	36.4	15.4	51.8	68.2	-16.4	Peak	Horizontal
*	10528.5	35.1	17.2	52.3	68.2	-15.9	Peak	Horizontal
	7536.5	34.6	12.8	47.4	54.0	-6.6	Peak	Vertical
	8361.0	36.5	12.0	48.5	54.0	-5.5	Peak	Vertical
*	9670.0	35.5	14.5	50.0	68.2	-18.2	Peak	Vertical
*	10316.0	35.2	16.7	51.9	68.2	-16.3	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/30
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3	Test Channel:	38
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	36.9	12.5	49.4	54.0	-4.6	Peak	Horizontal
	8242.0	36.8	11.9	48.7	54.0	-5.3	Peak	Horizontal
*	9636.0	35.3	14.4	49.7	68.2	-18.5	Peak	Horizontal
*	10452.0	34.4	17.1	51.5	68.2	-16.7	Peak	Horizontal
	7494.0	35.7	12.8	48.5	54.0	-5.5	Peak	Vertical
	8225.0	37.7	11.9	49.6	54.0	-4.4	Peak	Vertical
*	9840.0	35.3	16.0	51.3	68.2	-16.9	Peak	Vertical
*	10290.5	34.2	16.6	50.8	68.2	-17.4	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/30
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3	Test Channel:	46
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7468.5	36.3	12.8	49.1	54.0	-4.9	Peak	Horizontal
	8276.0	37.7	11.9	49.6	54.0	-4.4	Peak	Horizontal
*	9712.5	35.5	14.7	50.2	68.2	-18.0	Peak	Horizontal
*	10384.0	35.0	16.9	51.9	68.2	-16.3	Peak	Horizontal
	7562.0	36.2	12.8	49.0	54.0	-5.0	Peak	Vertical
	8276.0	36.7	11.9	48.6	54.0	-5.4	Peak	Vertical
*	9738.0	36.1	14.8	50.9	68.2	-17.3	Peak	Vertical
*	10307.5	34.8	16.6	51.4	68.2	-16.8	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/30
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3	Test Channel:	151
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	35.6	12.7	48.3	54.0	-5.7	Peak	Horizontal
	8225.0	37.2	11.9	49.1	54.0	-4.9	Peak	Horizontal
*	9678.5	35.0	14.6	49.6	68.2	-18.6	Peak	Horizontal
*	10231.0	35.2	16.4	51.6	68.2	-16.6	Peak	Horizontal
	7366.5	35.2	12.5	47.7	54.0	-6.3	Peak	Vertical
	8250.5	36.0	11.9	47.9	54.0	-6.1	Peak	Vertical
*	9823.0	34.4	15.6	50.0	68.2	-18.2	Peak	Vertical
*	10324.5	34.7	16.7	51.4	68.2	-16.8	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/30
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3	Test Channel:	159
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	35.8	12.8	48.6	54.0	-5.4	Peak	Horizontal
	8378.0	36.2	12.1	48.3	54.0	-5.7	Peak	Horizontal
*	9695.5	35.5	14.6	50.1	68.2	-18.1	Peak	Horizontal
*	10324.5	35.4	16.7	52.1	68.2	-16.1	Peak	Horizontal
	7570.5	35.1	12.8	47.9	54.0	-6.1	Peak	Vertical
	8276.0	35.1	11.9	47.0	54.0	-7.0	Peak	Vertical
*	9678.5	34.3	14.6	48.9	68.2	-19.3	Peak	Vertical
*	10401.0	33.7	16.9	50.6	68.2	-17.6	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/30
Test Mode:	802.11ac-VHT80 - Ant 0 + 1 + 2 + 3	Test Channel:	42
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7570.5	34.0	12.8	46.8	54.0	-7.2	Peak	Horizontal
	8199.5	35.6	12.0	47.6	54.0	-6.4	Peak	Horizontal
*	9627.5	35.2	14.4	49.6	68.2	-18.6	Peak	Horizontal
*	10324.5	34.4	16.7	51.1	68.2	-17.1	Peak	Horizontal
	7502.5	35.1	12.8	47.9	54.0	-6.1	Peak	Vertical
	8276.0	35.9	11.9	47.8	54.0	-6.2	Peak	Vertical
*	9636.0	34.7	14.4	49.1	68.2	-19.1	Peak	Vertical
*	10231.0	35.0	16.4	51.4	68.2	-16.8	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/30
Test Mode:	802.11ac-VHT80 - Ant 0 + 1 + 2 + 3	Test Channel:	155
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	35.9	12.8	48.7	54.0	-5.3	Peak	Horizontal
	8216.5	37.4	11.9	49.3	54.0	-4.7	Peak	Horizontal
*	9865.5	35.6	16.0	51.6	68.2	-16.6	Peak	Horizontal
*	10358.5	33.9	16.8	50.7	68.2	-17.5	Peak	Horizontal
	7400.5	34.0	12.6	46.6	54.0	-7.4	Peak	Vertical
	8327.0	36.4	11.9	48.3	54.0	-5.7	Peak	Vertical
*	9687.0	35.6	14.6	50.2	68.2	-18.0	Peak	Vertical
*	10180.0	34.7	16.1	50.8	68.2	-17.4	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/30
Test Mode:	802.11ax-HE20 - Ant 0 + 1 + 2 + 3	Test Channel:	36
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	35.6	12.8	48.4	54.0	-5.6	Peak	Horizontal
	8344.0	36.4	12.0	48.4	54.0	-5.6	Peak	Horizontal
*	9797.5	35.7	15.1	50.8	68.2	-17.4	Peak	Horizontal
*	10375.5	34.8	16.9	51.7	68.2	-16.5	Peak	Horizontal
	7638.5	34.9	12.6	47.5	54.0	-6.5	Peak	Vertical
	8242.0	35.8	11.9	47.7	54.0	-6.3	Peak	Vertical
*	9755.0	35.7	14.8	50.5	68.2	-17.7	Peak	Vertical
*	10486.0	34.8	17.1	51.9	68.2	-16.3	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/30
Test Mode:	802.11ax-HE20 - Ant 0 + 1 + 2 + 3	Test Channel:	44
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7460.0	35.9	12.8	48.7	54.0	-5.3	Peak	Horizontal
	8259.0	36.5	11.9	48.4	54.0	-5.6	Peak	Horizontal
*	9814.5	36.0	15.4	51.4	68.2	-16.8	Peak	Horizontal
*	10231.0	35.1	16.4	51.5	68.2	-16.7	Peak	Horizontal
	7494.0	35.4	12.8	48.2	54.0	-5.8	Peak	Vertical
	8437.5	35.5	12.4	47.9	54.0	-6.1	Peak	Vertical
*	9831.5	34.9	15.9	50.8	68.2	-17.4	Peak	Vertical
*	10392.5	34.5	16.9	51.4	68.2	-16.8	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/30
Test Mode:	802.11ax-HE20 - Ant 0 + 1 + 2 + 3	Test Channel:	48
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	34.9	12.8	47.7	54.0	-6.3	Peak	Horizontal
	8199.5	37.2	12.0	49.2	54.0	-4.8	Peak	Horizontal
*	9899.5	36.1	15.4	51.5	68.2	-16.7	Peak	Horizontal
*	10341.5	35.4	16.7	52.1	68.2	-16.1	Peak	Horizontal
	7655.5	35.8	12.5	48.3	54.0	-5.7	Peak	Vertical
	8327.0	36.8	11.9	48.7	54.0	-5.3	Peak	Vertical
*	9865.5	35.5	16.0	51.5	68.2	-16.7	Peak	Vertical
*	10290.5	34.9	16.6	51.5	68.2	-16.7	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/30
Test Mode:	802.11ax-HE20 - Ant 0 + 1 + 2 + 3	Test Channel:	149
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	34.4	12.8	47.2	54.0	-6.8	Peak	Horizontal
	8420.5	36.4	12.3	48.7	54.0	-5.3	Peak	Horizontal
*	9874.0	34.4	15.8	50.2	68.2	-18.0	Peak	Horizontal
*	10384.0	34.9	16.9	51.8	68.2	-16.4	Peak	Horizontal
	7502.5	35.2	12.8	48.0	54.0	-6.0	Peak	Vertical
	8242.0	36.1	11.9	48.0	54.0	-6.0	Peak	Vertical
*	9840.0	35.3	16.0	51.3	68.2	-16.9	Peak	Vertical
*	10401.0	35.4	16.9	52.3	68.2	-15.9	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/30
Test Mode:	802.11ax-HE20 - Ant 0 + 1 + 2 + 3	Test Channel:	157
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	36.7	12.5	49.2	54.0	-4.8	Peak	Horizontal
	8233.5	37.3	11.9	49.2	54.0	-4.8	Peak	Horizontal
*	9942.0	35.5	15.3	50.8	68.2	-17.4	Peak	Horizontal
*	10307.5	33.8	16.6	50.4	68.2	-17.8	Peak	Horizontal
	7426.0	36.5	12.7	49.2	54.0	-4.8	Peak	Vertical
	8182.5	37.5	12.0	49.5	54.0	-4.5	Peak	Vertical
*	9840.0	34.7	16.0	50.7	68.2	-17.5	Peak	Vertical
*	10494.5	33.7	17.2	50.9	68.2	-17.3	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/30
Test Mode:	802.11ax-HE20 - Ant 0 + 1 + 2 + 3	Test Channel:	165
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7341.0	36.1	12.4	48.5	54.0	-5.5	Peak	Horizontal
	8225.0	37.0	11.9	48.9	54.0	-5.1	Peak	Horizontal
*	9831.5	34.7	15.9	50.6	68.2	-17.6	Peak	Horizontal
*	10222.5	35.1	16.3	51.4	68.2	-16.8	Peak	Horizontal
	7502.5	34.3	12.8	47.1	54.0	-6.9	Peak	Vertical
	8276.0	35.6	11.9	47.5	54.0	-6.5	Peak	Vertical
*	9721.0	34.4	14.7	49.1	68.2	-19.1	Peak	Vertical
*	10197.0	35.2	16.2	51.4	68.2	-16.8	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/30
Test Mode:	802.11ax-HE40 - Ant 0 + 1 + 2 + 3	Test Channel:	38
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	34.9	12.8	47.7	54.0	-6.3	Peak	Horizontal
	8250.5	37.1	11.9	49.0	54.0	-5.0	Peak	Horizontal
*	9840.0	34.7	16.0	50.7	68.2	-17.5	Peak	Horizontal
*	10307.5	35.1	16.6	51.7	68.2	-16.5	Peak	Horizontal
	7502.5	35.7	12.8	48.5	54.0	-5.5	Peak	Vertical
	8250.5	37.4	11.9	49.3	54.0	-4.7	Peak	Vertical
*	9933.5	35.9	15.3	51.2	68.2	-17.0	Peak	Vertical
*	10324.5	34.5	16.7	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	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/30
Test Mode:	802.11ax-HE40 - Ant 0 + 1 + 2 + 3	Test Channel:	46
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7451.5	35.9	12.8	48.7	54.0	-5.3	Peak	Horizontal
	8310.0	36.7	11.9	48.6	54.0	-5.4	Peak	Horizontal
*	9729.5	35.9	14.7	50.6	68.2	-17.6	Peak	Horizontal
*	10205.5	35.5	16.2	51.7	68.2	-16.5	Peak	Horizontal
	7536.5	35.2	12.8	48.0	54.0	-6.0	Peak	Vertical
	8165.5	37.0	12.1	49.1	54.0	-4.9	Peak	Vertical
*	9840.0	34.7	16.0	50.7	68.2	-17.5	Peak	Vertical
*	10409.5	34.6	17.0	51.6	68.2	-16.6	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/30
Test Mode:	802.11ax-HE40 - Ant 0 + 1 + 2 + 3	Test Channel:	151
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7434.5	34.6	12.7	47.3	54.0	-6.7	Peak	Horizontal
	8216.5	36.4	11.9	48.3	54.0	-5.7	Peak	Horizontal
*	9746.5	36.4	14.8	51.2	68.2	-17.0	Peak	Horizontal
*	10520.0	35.3	17.2	52.5	68.2	-15.7	Peak	Horizontal
	7638.5	33.6	12.6	46.2	54.0	-7.8	Peak	Vertical
	8267.5	36.4	11.9	48.3	54.0	-5.7	Peak	Vertical
*	9712.5	34.8	14.7	49.5	68.2	-18.7	Peak	Vertical
*	10316.0	34.6	16.7	51.3	68.2	-16.9	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/30
Test Mode:	802.11ax-HE40 - Ant 0 + 1 + 2 + 3	Test Channel:	159
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7426.0	36.7	12.7	49.4	54.0	-4.6	Peak	Horizontal
	8369.5	36.8	12.1	48.9	54.0	-5.1	Peak	Horizontal
*	9763.5	35.3	14.9	50.2	68.2	-18.0	Peak	Horizontal
*	10367.0	36.5	16.8	53.3	68.2	-14.9	Peak	Horizontal
	7579.0	35.2	12.7	47.9	54.0	-6.1	Peak	Vertical
	8369.5	36.4	12.1	48.5	54.0	-5.5	Peak	Vertical
*	9882.5	36.0	15.6	51.6	68.2	-16.6	Peak	Vertical
*	10205.5	37.0	16.2	53.2	68.2	-15.0	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/30
Test Mode:	802.11ax-HE80 - Ant 0 + 1 + 2 + 3	Test Channel:	42
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	36.3	12.8	49.1	54.0	-4.9	Peak	Horizontal
	8242.0	36.6	11.9	48.5	54.0	-5.5	Peak	Horizontal
*	9746.5	35.8	14.8	50.6	68.2	-17.6	Peak	Horizontal
*	10486.0	34.9	17.1	52.0	68.2	-16.2	Peak	Horizontal
	7502.5	36.2	12.8	49.0	54.0	-5.0	Peak	Vertical
	8267.5	36.8	11.9	48.7	54.0	-5.3	Peak	Vertical
*	9602.0	35.5	14.4	49.9	68.2	-18.3	Peak	Vertical
*	10511.5	34.9	17.2	52.1	68.2	-16.1	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/30
Test Mode:	802.11ax-HE80 - Ant 0 + 1 + 2 + 3	Test Channel:	155
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	34.5	12.5	47.0	54.0	-7.0	Peak	Horizontal
	8276.0	36.7	11.9	48.6	54.0	-5.4	Peak	Horizontal
*	9670.0	36.4	14.5	50.9	68.2	-17.3	Peak	Horizontal
*	10409.5	34.8	17.0	51.8	68.2	-16.4	Peak	Horizontal
	7604.5	35.3	12.7	48.0	54.0	-6.0	Peak	Vertical
	8429.0	35.8	12.4	48.2	54.0	-5.8	Peak	Vertical
*	9610.5	35.5	14.4	49.9	68.2	-18.3	Peak	Vertical
*	10324.5	35.6	16.7	52.3	68.2	-15.9	Peak	Vertical

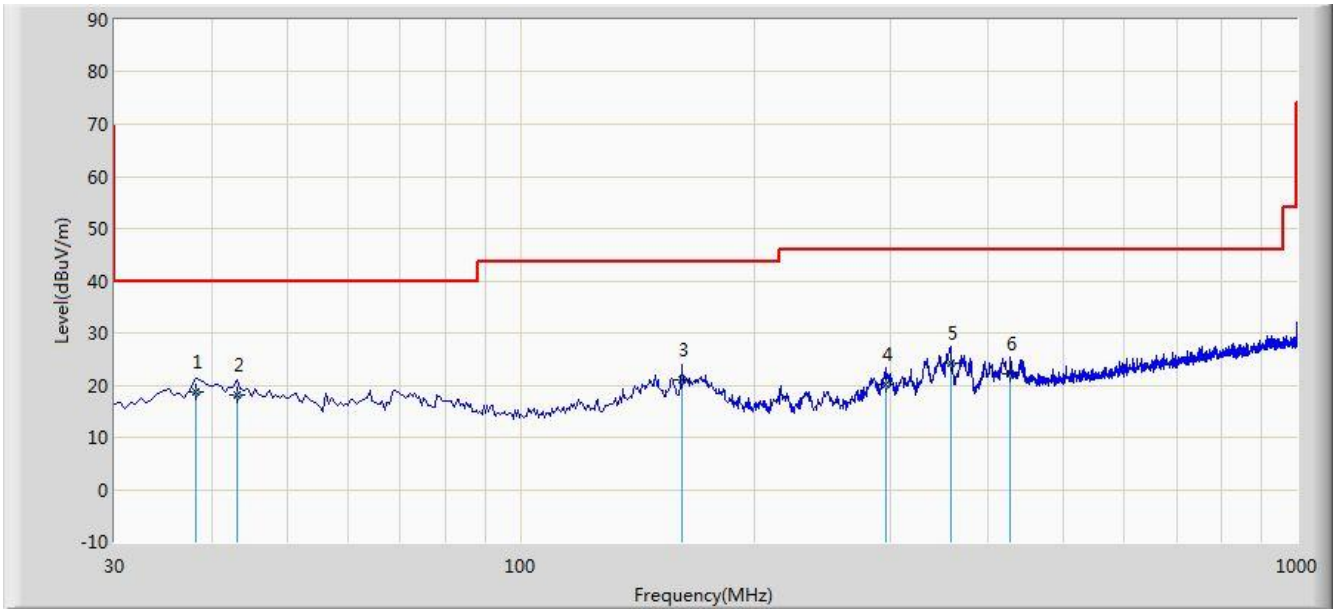
Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

The Worst Case of Radiated Emission below 1GHz:

Site: AC1	Time: 2018/06/27 - 20:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: VULB 9168_20-2000MHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: There is the worst case within frequency range 30MHz~1GHz.	



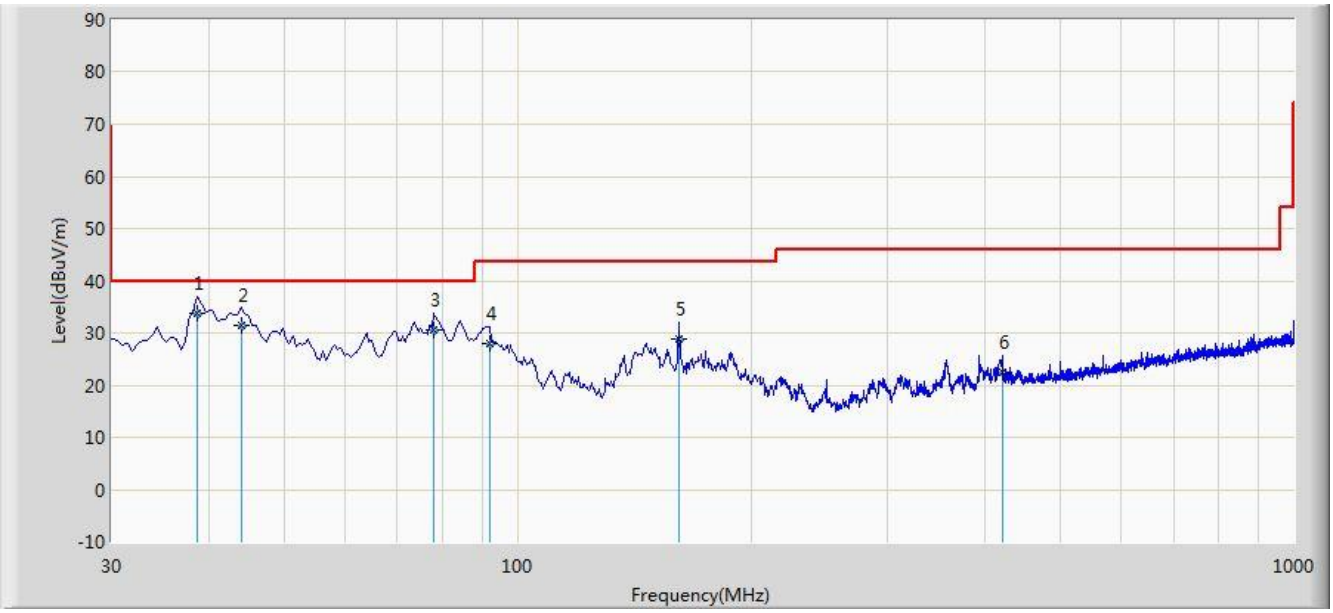
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	38.245	18.712	5.174	-21.288	40.000	13.537	QP
2			43.095	18.182	3.715	-21.818	40.000	14.466	QP
3			161.435	20.888	10.870	-22.612	43.500	10.018	QP
4			295.295	20.284	5.634	-25.716	46.000	14.650	QP
5			358.345	24.241	8.063	-21.759	46.000	16.178	QP
6			427.215	22.158	4.829	-23.842	46.000	17.329	QP

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

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

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

Site: AC1	Time: 2018/06/27 - 20:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: VULB 9168_20-2000MHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: There is the worst case within frequency range 30MHz~1GHz.	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	38.730	33.646	20.016	-6.354	40.000	13.630	QP
2			44.062	31.586	16.934	-8.414	40.000	14.652	QP
3			78.015	30.695	21.532	-9.305	40.000	9.163	QP
4			92.080	28.063	16.237	-15.437	43.500	11.826	QP
5			161.435	28.882	18.864	-14.618	43.500	10.018	QP
6			421.395	22.535	5.276	-23.465	46.000	17.258	QP

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

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

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

For APIN0514 - Directional Antenna (AP-ANT-48)

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/27
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3	Test Channel:	36
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7460.0	36.5	12.8	49.3	54.0	-4.7	Peak	Horizontal
	8165.5	37.1	12.1	49.2	54.0	-4.8	Peak	Horizontal
*	8752.0	34.3	13.9	48.2	68.2	-20.0	Peak	Horizontal
*	10001.5	34.4	15.4	49.8	68.2	-18.4	Peak	Horizontal
	7426.0	36.6	12.7	49.3	54.0	-4.7	Peak	Vertical
	8386.5	35.9	12.1	48.0	54.0	-6.0	Peak	Vertical
*	9593.5	34.8	14.4	49.2	68.2	-19.0	Peak	Vertical
*	10469.0	33.2	17.1	50.3	68.2	-17.9	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/27
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3	Test Channel:	44
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7392.0	35.9	12.6	48.5	54.0	-5.5	Peak	Horizontal
	8361.0	35.3	12.0	47.3	54.0	-6.7	Peak	Horizontal
*	9644.5	35.8	14.4	50.2	68.2	-18.0	Peak	Horizontal
*	10588.0	33.1	17.3	50.4	68.2	-17.8	Peak	Horizontal
	7468.5	36.0	12.8	48.8	54.0	-5.2	Peak	Vertical
	8276.0	36.0	11.9	47.9	54.0	-6.1	Peak	Vertical
*	8888.0	33.1	14.0	47.1	68.2	-21.1	Peak	Vertical
*	9789.0	36.5	15.0	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	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/27
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3	Test Channel:	48
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	35.8	12.8	48.6	54.0	-5.4	Peak	Horizontal
	8276.0	34.7	11.9	46.6	54.0	-7.4	Peak	Horizontal
*	8735.0	33.0	13.9	46.9	68.2	-21.3	Peak	Horizontal
*	10171.5	34.8	16.1	50.9	68.2	-17.3	Peak	Horizontal
	7536.5	35.4	12.8	48.2	54.0	-5.8	Peak	Vertical
	8310.0	36.3	11.9	48.2	54.0	-5.8	Peak	Vertical
*	8769.0	34.1	13.9	48.0	68.2	-20.2	Peak	Vertical
*	10477.5	35.2	17.1	52.3	68.2	-15.9	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/27
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3	Test Channel:	149
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	35.1	12.8	47.9	54.0	-6.1	Peak	Horizontal
	8276.0	36.0	11.9	47.9	54.0	-6.1	Peak	Horizontal
*	8862.5	33.5	14.0	47.5	68.2	-20.7	Peak	Horizontal
*	10171.5	33.6	16.1	49.7	68.2	-18.5	Peak	Horizontal
	7545.0	35.8	12.8	48.6	54.0	-5.4	Peak	Vertical
	8344.0	35.8	12.0	47.8	54.0	-6.2	Peak	Vertical
*	8913.5	33.7	14.0	47.7	68.2	-20.5	Peak	Vertical
*	10239.5	33.9	16.4	50.3	68.2	-17.9	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/27
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3	Test Channel:	157
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	36.2	12.8	49.0	54.0	-5.0	Peak	Horizontal
	8242.0	35.3	11.9	47.2	54.0	-6.8	Peak	Horizontal
*	8760.5	34.4	13.9	48.3	68.2	-19.9	Peak	Horizontal
*	10299.0	35.2	16.6	51.8	68.2	-16.4	Peak	Horizontal
	7545.0	35.5	12.8	48.3	54.0	-5.7	Peak	Vertical
	8174.0	34.9	12.0	46.9	54.0	-7.1	Peak	Vertical
*	8701.0	32.4	13.8	46.2	68.2	-22.0	Peak	Vertical
*	10307.5	34.5	16.6	51.1	68.2	-17.1	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/27
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3	Test Channel:	165
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7460.0	35.5	12.8	48.3	54.0	-5.7	Peak	Horizontal
	8386.5	35.3	12.1	47.4	54.0	-6.6	Peak	Horizontal
*	8735.0	32.7	13.9	46.6	68.2	-21.6	Peak	Horizontal
*	10197.0	35.6	16.2	51.8	68.2	-16.4	Peak	Horizontal
	7553.5	35.1	12.8	47.9	54.0	-6.1	Peak	Vertical
	8284.5	36.7	11.9	48.6	54.0	-5.4	Peak	Vertical
*	8684.0	33.4	13.7	47.1	68.2	-21.1	Peak	Vertical
*	10307.5	33.3	16.6	49.9	68.2	-18.3	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/27
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test Channel:	36
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7460.0	34.6	12.8	47.4	54.0	-6.6	Peak	Horizontal
	8131.5	35.1	12.2	47.3	54.0	-6.7	Peak	Horizontal
*	8769.0	32.7	13.9	46.6	68.2	-21.6	Peak	Horizontal
*	10248.0	36.4	16.4	52.8	68.2	-15.4	Peak	Horizontal
	7528.0	36.4	12.8	49.2	54.0	-4.8	Peak	Vertical
	8199.5	35.9	12.0	47.9	54.0	-6.1	Peak	Vertical
*	8769.0	32.7	13.9	46.6	68.2	-21.6	Peak	Vertical
*	10214.0	33.8	16.3	50.1	68.2	-18.1	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/27
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test Channel:	44
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	34.6	12.8	47.4	54.0	-6.6	Peak	Horizontal
	8335.5	35.1	11.9	47.0	54.0	-7.0	Peak	Horizontal
*	8905.0	33.7	14.0	47.7	68.2	-20.5	Peak	Horizontal
*	10239.5	35.5	16.4	51.9	68.2	-16.3	Peak	Horizontal
	7528.0	35.9	12.8	48.7	54.0	-5.3	Peak	Vertical
	8454.5	35.4	12.5	47.9	54.0	-6.1	Peak	Vertical
*	8760.5	32.8	13.9	46.7	68.2	-21.5	Peak	Vertical
*	10214.0	33.2	16.3	49.5	68.2	-18.7	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/27
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test Channel:	48
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	35.3	12.8	48.1	54.0	-5.9	Peak	Horizontal
	8242.0	34.9	11.9	46.8	54.0	-7.2	Peak	Horizontal
*	8692.5	32.7	13.7	46.4	68.2	-21.8	Peak	Horizontal
*	10078.0	35.1	15.6	50.7	68.2	-17.5	Peak	Horizontal
	7655.5	37.1	12.5	49.6	54.0	-4.4	Peak	Vertical
	8412.0	35.1	12.3	47.4	54.0	-6.6	Peak	Vertical
*	8811.5	32.2	14.0	46.2	68.2	-22.0	Peak	Vertical
*	9976.0	33.2	15.3	48.5	68.2	-19.7	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/27
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test Channel:	149
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7553.5	36.1	12.8	48.9	54.0	-5.1	Peak	Horizontal
	8250.5	36.2	11.9	48.1	54.0	-5.9	Peak	Horizontal
*	8811.5	33.2	14.0	47.2	68.2	-21.0	Peak	Horizontal
*	10120.5	34.5	15.8	50.3	68.2	-17.9	Peak	Horizontal
	7553.5	36.3	12.8	49.1	54.0	-4.9	Peak	Vertical
	8284.5	35.7	11.9	47.6	54.0	-6.4	Peak	Vertical
*	8701.0	33.0	13.8	46.8	68.2	-21.4	Peak	Vertical
*	10214.0	33.1	16.3	49.4	68.2	-18.8	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/27
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test Channel:	157
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7528.0	36.5	12.8	49.3	54.0	-4.7	Peak	Horizontal
	8140.0	37.2	12.2	49.4	54.0	-4.6	Peak	Horizontal
*	8769.0	31.8	13.9	45.7	68.2	-22.5	Peak	Horizontal
*	10035.5	33.0	15.5	48.5	68.2	-19.7	Peak	Horizontal
	7536.5	34.9	12.8	47.7	54.0	-6.3	Peak	Vertical
	8131.5	36.8	12.2	49.0	54.0	-5.0	Peak	Vertical
*	8777.5	34.5	13.9	48.4	68.2	-19.8	Peak	Vertical
*	10095.0	35.0	15.7	50.7	68.2	-17.5	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/27
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test Channel:	165
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	35.7	12.8	48.5	54.0	-5.5	Peak	Horizontal
	8403.5	35.2	12.2	47.4	54.0	-6.6	Peak	Horizontal
*	8811.5	33.6	14.0	47.6	68.2	-20.6	Peak	Horizontal
*	10299.0	34.5	16.6	51.1	68.2	-17.1	Peak	Horizontal
	7545.0	36.7	12.8	49.5	54.0	-4.5	Peak	Vertical
	8225.0	34.9	11.9	46.8	54.0	-7.2	Peak	Vertical
*	9593.5	35.2	14.4	49.6	68.2	-18.6	Peak	Vertical
*	10401.0	34.1	16.9	51.0	68.2	-17.2	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/27
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3	Test Channel:	38
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	36.7	12.8	49.5	54.0	-4.5	Peak	Horizontal
	8352.5	33.9	12.0	45.9	54.0	-8.1	Peak	Horizontal
*	8811.5	32.3	14.0	46.3	68.2	-21.9	Peak	Horizontal
*	10265.0	35.0	16.5	51.5	68.2	-16.7	Peak	Horizontal
	7502.5	35.7	12.8	48.5	54.0	-5.5	Peak	Vertical
	8386.5	34.1	12.1	46.2	54.0	-7.8	Peak	Vertical
*	9644.5	35.4	14.4	49.8	68.2	-18.4	Peak	Vertical
*	10503.0	34.2	17.2	51.4	68.2	-16.8	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/27
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3	Test Channel:	46
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7596.0	36.7	12.7	49.4	54.0	-4.6	Peak	Horizontal
	8471.5	35.7	12.6	48.3	54.0	-5.7	Peak	Horizontal
*	9593.5	35.6	14.4	50.0	68.2	-18.2	Peak	Horizontal
*	10494.5	34.0	17.2	51.2	68.2	-17.0	Peak	Horizontal
	7511.0	35.6	12.8	48.4	54.0	-5.6	Peak	Vertical
	8301.5	35.2	11.9	47.1	54.0	-6.9	Peak	Vertical
*	8837.0	33.2	14.0	47.2	68.2	-21.0	Peak	Vertical
*	10265.0	33.6	16.5	50.1	68.2	-18.1	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/27
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3	Test Channel:	151
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7434.5	35.2	12.7	47.9	54.0	-6.1	Peak	Horizontal
	8216.5	35.7	11.9	47.6	54.0	-6.4	Peak	Horizontal
*	8675.5	33.8	13.7	47.5	68.2	-20.7	Peak	Horizontal
*	10120.5	34.6	15.8	50.4	68.2	-17.8	Peak	Horizontal
	7511.0	35.3	12.8	48.1	54.0	-5.9	Peak	Vertical
	8259.0	34.2	11.9	46.1	54.0	-7.9	Peak	Vertical
*	8692.5	32.5	13.7	46.2	68.2	-22.0	Peak	Vertical
*	10307.5	33.8	16.6	50.4	68.2	-17.8	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/27
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3	Test Channel:	159
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7621.5	36.2	12.6	48.8	54.0	-5.2	Peak	Horizontal
	8335.5	35.9	11.9	47.8	54.0	-6.2	Peak	Horizontal
*	8743.5	32.7	13.9	46.6	68.2	-21.6	Peak	Horizontal
*	9976.0	34.1	15.3	49.4	68.2	-18.8	Peak	Horizontal
	7562.0	35.9	12.8	48.7	54.0	-5.3	Peak	Vertical
	8386.5	36.0	12.1	48.1	54.0	-5.9	Peak	Vertical
*	8854.0	31.7	14.0	45.7	68.2	-22.5	Peak	Vertical
*	10112.0	34.4	15.8	50.2	68.2	-18.0	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/27
Test Mode:	802.11ac-VHT80 - Ant 0 + 1 + 2 + 3	Test Channel:	42
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7460.0	35.8	12.8	48.6	54.0	-5.4	Peak	Horizontal
	8293.0	36.2	11.9	48.1	54.0	-5.9	Peak	Horizontal
*	8888.0	33.5	14.0	47.5	68.2	-20.7	Peak	Horizontal
*	10350.0	34.0	16.8	50.8	68.2	-17.4	Peak	Horizontal
	7553.5	35.8	12.8	48.6	54.0	-5.4	Peak	Vertical
	8165.5	36.4	12.1	48.5	54.0	-5.5	Peak	Vertical
*	8811.5	32.3	14.0	46.3	68.2	-21.9	Peak	Vertical
*	10129.0	35.3	15.9	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	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/27
Test Mode:	802.11ac-VHT80 - Ant 0 + 1 + 2 + 3	Test Channel:	155
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	35.6	12.8	48.4	54.0	-5.6	Peak	Horizontal
	8225.0	37.0	11.9	48.9	54.0	-5.1	Peak	Horizontal
*	8692.5	33.2	13.7	46.9	68.2	-21.3	Peak	Horizontal
*	10205.5	34.7	16.2	50.9	68.2	-17.3	Peak	Horizontal
	7562.0	35.8	12.8	48.6	54.0	-5.4	Peak	Vertical
	8199.5	35.0	12.0	47.0	54.0	-7.0	Peak	Vertical
*	8828.5	32.5	14.0	46.5	68.2	-21.7	Peak	Vertical
*	10426.5	35.0	17.0	52.0	68.2	-16.2	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/27
Test Mode:	802.11ax-HE20 - Ant 0 + 1 + 2 + 3	Test Channel:	36
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7434.5	35.6	12.7	48.3	54.0	-5.7	Peak	Horizontal
	8182.5	35.4	12.0	47.4	54.0	-6.6	Peak	Horizontal
*	8862.5	31.7	14.0	45.7	68.2	-22.5	Peak	Horizontal
*	10231.0	34.3	16.4	50.7	68.2	-17.5	Peak	Horizontal
	7460.0	35.3	12.8	48.1	54.0	-5.9	Peak	Vertical
	8310.0	33.8	11.9	45.7	54.0	-8.3	Peak	Vertical
*	9636.0	34.0	14.4	48.4	68.2	-19.8	Peak	Vertical
*	10384.0	34.7	16.9	51.6	68.2	-16.6	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/27
Test Mode:	802.11ax-HE20 - Ant 0 + 1 + 2 + 3	Test Channel:	44
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	35.1	12.7	47.8	54.0	-6.2	Peak	Horizontal
	8199.5	37.3	12.0	49.3	54.0	-4.7	Peak	Horizontal
*	8803.0	33.0	14.0	47.0	68.2	-21.2	Peak	Horizontal
*	10265.0	34.0	16.5	50.5	68.2	-17.7	Peak	Horizontal
	7460.0	35.0	12.8	47.8	54.0	-6.2	Peak	Vertical
	8378.0	36.4	12.1	48.5	54.0	-5.5	Peak	Vertical
*	8769.0	32.6	13.9	46.5	68.2	-21.7	Peak	Vertical
*	10265.0	33.9	16.5	50.4	68.2	-17.8	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/27
Test Mode:	802.11ax-HE20 - Ant 0 + 1 + 2 + 3	Test Channel:	48
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7553.5	35.9	12.8	48.7	54.0	-5.3	Peak	Horizontal
	8395.0	33.4	12.2	45.6	54.0	-8.4	Peak	Horizontal
*	9619.0	34.8	14.4	49.2	68.2	-19.0	Peak	Horizontal
*	10443.5	32.9	17.1	50.0	68.2	-18.2	Peak	Horizontal
	7579.0	36.0	12.7	48.7	54.0	-5.3	Peak	Vertical
	8335.5	35.5	11.9	47.4	54.0	-6.6	Peak	Vertical
*	9636.0	34.2	14.4	48.6	68.2	-19.6	Peak	Vertical
*	10426.5	33.6	17.0	50.6	68.2	-17.6	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/27
Test Mode:	802.11ax-HE20 - Ant 0 + 1 + 2 + 3	Test Channel:	149
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7434.5	33.9	12.7	46.6	54.0	-7.4	Peak	Horizontal
	8276.0	35.3	11.9	47.2	54.0	-6.8	Peak	Horizontal
*	8888.0	32.9	14.0	46.9	68.2	-21.3	Peak	Horizontal
*	10392.5	34.8	16.9	51.7	68.2	-16.5	Peak	Horizontal
	7562.0	36.4	12.8	49.2	54.0	-4.8	Peak	Vertical
	8199.5	35.4	12.0	47.4	54.0	-6.6	Peak	Vertical
*	8769.0	32.4	13.9	46.3	68.2	-21.9	Peak	Vertical
*	9933.5	34.9	15.3	50.2	68.2	-18.0	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/27
Test Mode:	802.11ax-HE20 - Ant 0 + 1 + 2 + 3	Test Channel:	157
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	36.4	12.8	49.2	54.0	-4.8	Peak	Horizontal
	8276.0	35.4	11.9	47.3	54.0	-6.7	Peak	Horizontal
*	9593.5	34.4	14.4	48.8	68.2	-19.4	Peak	Horizontal
*	10443.5	33.3	17.1	50.4	68.2	-17.8	Peak	Horizontal
	7536.5	35.8	12.8	48.6	54.0	-5.4	Peak	Vertical
	8191.0	37.3	12.0	49.3	54.0	-4.7	Peak	Vertical
*	8820.0	32.9	14.0	46.9	68.2	-21.3	Peak	Vertical
*	10120.5	34.5	15.8	50.3	68.2	-17.9	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/27
Test Mode:	802.11ax-HE20 - Ant 0 + 1 + 2 + 3	Test Channel:	165
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	36.0	12.8	48.8	54.0	-5.2	Peak	Horizontal
	8378.0	35.5	12.1	47.6	54.0	-6.4	Peak	Horizontal
*	8888.0	32.8	14.0	46.8	68.2	-21.4	Peak	Horizontal
*	10443.5	34.0	17.1	51.1	68.2	-17.1	Peak	Horizontal
	7468.5	35.9	12.8	48.7	54.0	-5.3	Peak	Vertical
	8174.0	34.9	12.0	46.9	54.0	-7.1	Peak	Vertical
*	8633.0	35.7	13.5	49.2	68.2	-19.0	Peak	Vertical
*	10239.5	35.3	16.4	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	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/27
Test Mode:	802.11ax-HE40 - Ant 0 + 1 + 2 + 3	Test Channel:	38
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	36.3	12.5	48.8	54.0	-5.2	Peak	Horizontal
	8174.0	36.8	12.0	48.8	54.0	-5.2	Peak	Horizontal
*	8854.0	33.3	14.0	47.3	68.2	-20.9	Peak	Horizontal
*	10197.0	34.2	16.2	50.4	68.2	-17.8	Peak	Horizontal
	7562.0	36.5	12.8	49.3	54.0	-4.7	Peak	Vertical
	8276.0	34.2	11.9	46.1	54.0	-7.9	Peak	Vertical
*	9704.0	34.3	14.6	48.9	68.2	-19.3	Peak	Vertical
*	10528.5	34.4	17.2	51.6	68.2	-16.6	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/27
Test Mode:	802.11ax-HE40 - Ant 0 + 1 + 2 + 3	Test Channel:	46
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7349.5	33.9	12.4	46.3	54.0	-7.7	Peak	Horizontal
	8276.0	34.2	11.9	46.1	54.0	-7.9	Peak	Horizontal
*	8777.5	33.3	13.9	47.2	68.2	-21.0	Peak	Horizontal
*	10163.0	34.8	16.0	50.8	68.2	-17.4	Peak	Horizontal
	7477.0	35.2	12.8	48.0	54.0	-6.0	Peak	Vertical
	8242.0	35.5	11.9	47.4	54.0	-6.6	Peak	Vertical
*	8896.5	33.6	14.0	47.6	68.2	-20.6	Peak	Vertical
*	10537.0	34.8	17.2	52.0	68.2	-16.2	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/27
Test Mode:	802.11ax-HE40 - Ant 0 + 1 + 2 + 3	Test Channel:	151
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7460.0	35.6	12.8	48.4	54.0	-5.6	Peak	Horizontal
	8174.0	37.9	12.0	49.9	54.0	-4.1	Peak	Horizontal
*	8896.5	33.4	14.0	47.4	68.2	-20.8	Peak	Horizontal
*	10214.0	34.3	16.3	50.6	68.2	-17.6	Peak	Horizontal
	7664.0	36.1	12.5	48.6	54.0	-5.4	Peak	Vertical
	8284.5	36.2	11.9	48.1	54.0	-5.9	Peak	Vertical
*	8769.0	31.7	13.9	45.6	68.2	-22.6	Peak	Vertical
*	10180.0	34.3	16.1	50.4	68.2	-17.8	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/27
Test Mode:	802.11ax-HE40 - Ant 0 + 1 + 2 + 3	Test Channel:	159
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7553.5	36.0	12.8	48.8	54.0	-5.2	Peak	Horizontal
	8378.0	35.9	12.1	48.0	54.0	-6.0	Peak	Horizontal
*	8777.5	32.6	13.9	46.5	68.2	-21.7	Peak	Horizontal
*	10290.5	35.8	16.6	52.4	68.2	-15.8	Peak	Horizontal
	7494.0	36.0	12.8	48.8	54.0	-5.2	Peak	Vertical
	8242.0	34.2	11.9	46.1	54.0	-7.9	Peak	Vertical
*	8735.0	32.1	13.9	46.0	68.2	-22.2	Peak	Vertical
*	10171.5	33.3	16.1	49.4	68.2	-18.8	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/27
Test Mode:	802.11ax-HE80 - Ant 0 + 1 + 2 + 3	Test Channel:	42
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7273.0	36.6	12.3	48.9	54.0	-5.1	Peak	Horizontal
	8471.5	35.1	12.6	47.7	54.0	-6.3	Peak	Horizontal
*	8930.5	32.7	14.0	46.7	68.2	-21.5	Peak	Horizontal
*	10146.0	34.0	16.0	50.0	68.2	-18.2	Peak	Horizontal
	7511.0	35.4	12.8	48.2	54.0	-5.8	Peak	Vertical
	8284.5	35.4	11.9	47.3	54.0	-6.7	Peak	Vertical
*	8862.5	33.8	14.0	47.8	68.2	-20.4	Peak	Vertical
*	10154.5	35.1	16.0	51.1	68.2	-17.1	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/27
Test Mode:	802.11ax-HE80 - Ant 0 + 1 + 2 + 3	Test Channel:	155
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	35.0	12.7	47.7	54.0	-6.3	Peak	Horizontal
	8327.0	35.4	11.9	47.3	54.0	-6.7	Peak	Horizontal
*	8777.5	34.4	13.9	48.3	68.2	-19.9	Peak	Horizontal
*	10265.0	35.0	16.5	51.5	68.2	-16.7	Peak	Horizontal
	7519.5	35.8	12.8	48.6	54.0	-5.4	Peak	Vertical
	8369.5	35.6	12.1	47.7	54.0	-6.3	Peak	Vertical
*	8811.5	31.8	14.0	45.8	68.2	-22.4	Peak	Vertical
*	10214.0	33.4	16.3	49.7	68.2	-18.5	Peak	Vertical

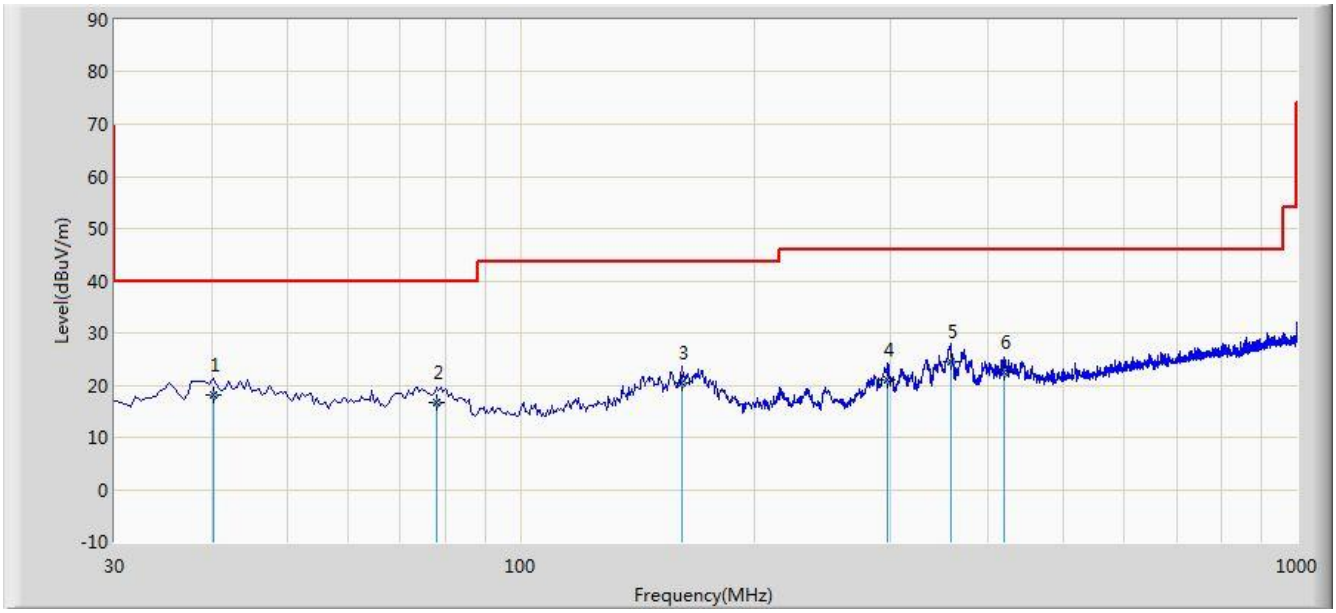
Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

The Worst Case of Radiated Emission below 1GHz:

Site: AC1	Time: 2018/06/27 - 20:13
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: VULB 9168_20-2000MHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: There is the worst case within frequency range 30MHz~1GHz.	



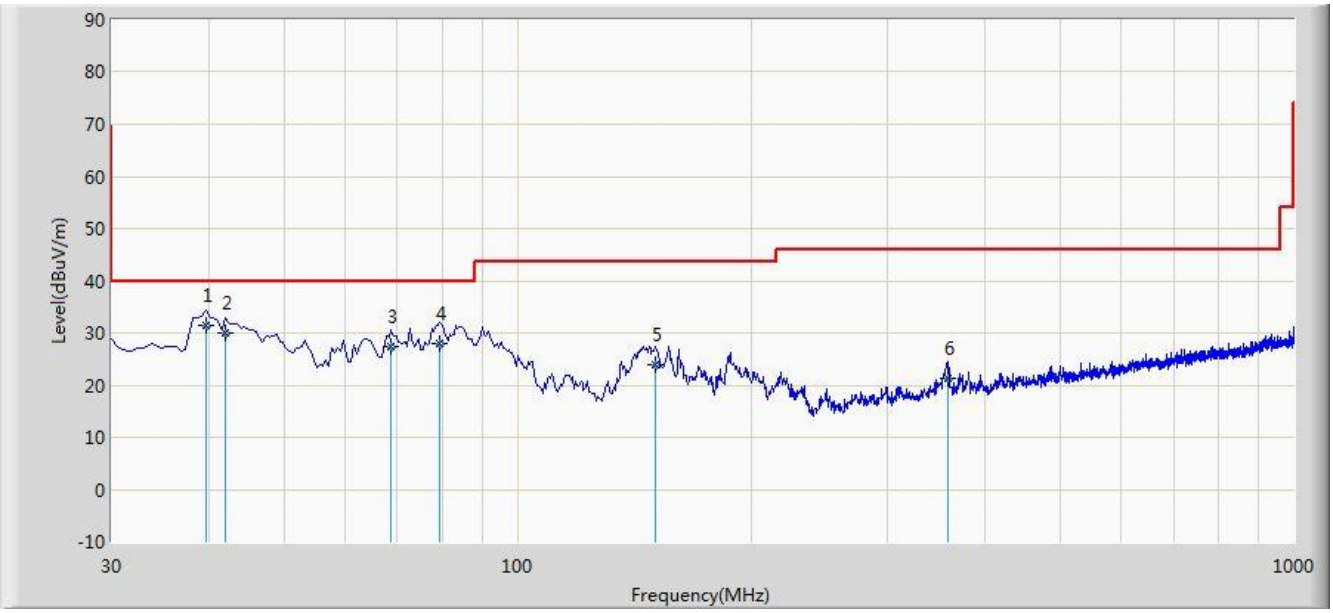
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			40.185	18.218	4.309	-21.782	40.000	13.909	QP
2			78.015	16.578	7.415	-23.422	40.000	9.163	QP
3			161.435	20.301	10.283	-23.199	43.500	10.018	QP
4			297.235	21.013	6.317	-24.987	46.000	14.696	QP
5		*	358.345	24.594	8.416	-21.406	46.000	16.178	QP
6			419.940	22.503	5.263	-23.497	46.000	17.239	QP

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

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

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

Site: AC1	Time: 2018/06/27 - 20:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: VULB 9168_20-2000MHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: There is the worst case within frequency range 30MHz~1GHz.	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	39.700	31.450	17.634	-8.550	40.000	13.816	QP
2			42.125	30.017	15.736	-9.983	40.000	14.281	QP
3			68.800	27.463	16.136	-12.537	40.000	11.327	QP
4			79.470	28.107	18.739	-11.893	40.000	9.368	QP
5			150.765	23.982	14.361	-19.518	43.500	9.621	QP
6			357.860	21.297	5.127	-24.703	46.000	16.170	QP

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

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

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

For APIN0515:

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/23
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3	Test Channel:	36
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7222.0	36.6	12.1	48.7	68.2	-19.5	Peak	Horizontal
*	8735.0	33.1	13.9	47.0	68.2	-21.2	Peak	Horizontal
	10911.0	35.2	18.4	53.6	54.0	-0.4	Peak	Horizontal
	10911.0	22.7	18.4	41.1	54.0	-12.9	Average	Horizontal
	12432.5	34.6	18.4	53.0	54.0	-1.0	Peak	Horizontal
	12432.5	22.1	18.4	40.5	54.0	-13.5	Average	Horizontal
*	7188.0	37.4	12.0	49.4	68.2	-18.8	Peak	Vertical
*	8335.5	37.9	11.9	49.8	74.0	-24.2	Peak	Vertical
	10928.0	34.2	18.4	52.6	54.0	-1.4	Peak	Vertical
	11701.5	33.5	19.1	52.6	54.0	-1.4	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/23
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3	Test Channel:	44
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7162.5	36.8	11.9	48.7	68.2	-19.5	Peak	Horizontal
*	8752.0	32.8	13.9	46.7	68.2	-21.5	Peak	Horizontal
	10979.0	34.5	18.5	53.0	54.0	-1.0	Peak	Horizontal
	10979.0	22.0	18.5	40.5	54.0	-13.5	Average	Horizontal
	11871.5	33.8	18.7	52.5	54.0	-1.5	Peak	Horizontal
*	7987.0	37.5	12.5	50.0	68.2	-18.2	Peak	Vertical
*	10273.5	33.1	16.5	49.6	74.0	-24.4	Peak	Vertical
	10885.5	35.0	18.3	53.3	54.0	-0.7	Peak	Vertical
	10885.5	22.6	18.3	40.9	54.0	-13.1	Average	Vertical
	12237.0	33.7	18.7	52.4	54.0	-1.6	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/23
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3	Test Channel:	48
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7213.5	36.5	12.1	48.6	68.2	-19.6	Peak	Horizontal
*	7842.5	38.3	12.4	50.7	68.2	-17.5	Peak	Horizontal
	10868.5	35.0	18.2	53.2	54.0	-0.8	Peak	Horizontal
	10868.5	22.7	18.2	40.9	54.0	-13.1	Average	Horizontal
	11667.5	33.7	19.3	53.0	54.0	-1.0	Peak	Horizontal
	11667.5	21.6	19.3	40.9	54.0	-13.1	Average	Horizontal
*	7842.5	38.3	12.4	50.7	68.2	-17.5	Peak	Vertical
*	10384.0	36.6	16.9	53.5	74.0	-20.5	Peak	Vertical
	10834.5	35.6	18.1	53.7	54.0	-0.3	Peak	Vertical
	10834.5	23.6	18.1	41.7	54.0	-12.3	Average	Vertical
	11633.5	33.6	19.4	53.0	54.0	-1.0	Peak	Vertical
	11633.5	21.8	19.4	41.2	54.0	-12.8	Average	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/23
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3	Test Channel:	149
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	36.9	12.5	49.4	68.2	-18.8	Peak	Horizontal
*	10103.5	32.7	15.7	48.4	68.2	-19.8	Peak	Horizontal
	11191.5	33.4	18.7	52.1	54.0	-1.9	Peak	Horizontal
	11846.0	33.0	18.7	51.7	54.0	-2.3	Peak	Horizontal
*	7205.0	35.6	12.1	47.7	68.2	-20.5	Peak	Vertical
*	9806.0	34.7	15.2	49.9	74.0	-24.1	Peak	Vertical
	10928.0	34.3	18.4	52.7	54.0	-1.3	Peak	Vertical
	12245.5	33.0	18.7	51.7	54.0	-2.3	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/23
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3	Test Channel:	157
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7213.5	35.8	12.1	47.9	68.2	-20.3	Peak	Horizontal
*	10078.0	33.0	15.6	48.6	68.2	-19.6	Peak	Horizontal
	10970.5	32.3	18.4	50.7	54.0	-3.3	Peak	Horizontal
	11438.0	32.9	19.2	52.1	54.0	-1.9	Peak	Horizontal
*	8004.0	36.5	12.5	49.0	68.2	-19.2	Peak	Vertical
*	9678.5	33.1	14.6	47.7	74.0	-26.3	Peak	Vertical
	10783.5	34.5	17.8	52.3	54.0	-1.7	Peak	Vertical
	11591.0	33.0	19.5	52.5	54.0	-1.5	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/23
Test Mode:	802.11a - Ant 0 + 1 + 2 + 3	Test Channel:	165
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7120.0	36.1	11.6	47.7	68.2	-20.5	Peak	Horizontal
*	9848.5	34.1	16.1	50.2	68.2	-18.0	Peak	Horizontal
	11140.5	33.6	18.7	52.3	54.0	-1.7	Peak	Horizontal
	12169.0	32.7	18.8	51.5	54.0	-2.5	Peak	Horizontal
*	7179.5	36.3	12.0	48.3	68.2	-19.9	Peak	Vertical
*	9899.5	33.4	15.4	48.8	74.0	-25.2	Peak	Vertical
	10834.5	33.7	18.1	51.8	54.0	-2.2	Peak	Vertical
	11710.0	32.5	19.1	51.6	54.0	-2.4	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/23
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test Channel:	36
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8811.5	34.9	14.0	48.9	68.2	-19.3	Peak	Horizontal
*	9823.0	33.3	15.6	48.9	68.2	-19.3	Peak	Horizontal
	10894.0	31.6	18.3	49.9	54.0	-4.1	Peak	Horizontal
	12024.5	30.7	18.8	49.5	54.0	-4.5	Peak	Horizontal
*	8871.0	34.1	14.0	48.1	68.2	-20.1	Peak	Vertical
*	10222.5	34.6	16.3	50.9	74.0	-23.1	Peak	Vertical
	11123.5	31.4	18.6	50.0	54.0	-4.0	Peak	Vertical
	12160.5	32.3	18.9	51.2	54.0	-2.8	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/23
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test Channel:	44
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8811.5	34.8	14.0	48.8	68.2	-19.4	Peak	Horizontal
*	9857.0	33.8	16.2	50.0	68.2	-18.2	Peak	Horizontal
	10809.0	34.3	17.9	52.2	54.0	-1.8	Peak	Horizontal
	11676.0	32.8	19.2	52.0	54.0	-2.0	Peak	Horizontal
*	8684.0	32.7	13.7	46.4	68.2	-21.8	Peak	Vertical
*	9908.0	34.0	15.3	49.3	74.0	-24.7	Peak	Vertical
	11021.5	31.2	18.5	49.7	54.0	-4.3	Peak	Vertical
	11922.5	31.5	18.6	50.1	54.0	-3.9	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/23
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test Channel:	48
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8658.5	33.3	13.6	46.9	68.2	-21.3	Peak	Horizontal
*	9874.0	32.1	15.8	47.9	68.2	-20.3	Peak	Horizontal
	11310.5	30.2	18.9	49.1	54.0	-4.9	Peak	Horizontal
	11786.5	31.6	18.8	50.4	54.0	-3.6	Peak	Horizontal
*	8769.0	32.0	13.9	45.9	68.2	-22.3	Peak	Vertical
*	9916.5	32.6	15.3	47.9	74.0	-26.1	Peak	Vertical
	11021.5	32.3	18.5	50.8	54.0	-3.2	Peak	Vertical
	11897.0	32.2	18.6	50.8	54.0	-3.2	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/23
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test Channel:	149
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8820.0	33.6	14.0	47.6	68.2	-20.6	Peak	Horizontal
*	9874.0	32.3	15.8	48.1	68.2	-20.1	Peak	Horizontal
	10987.5	31.3	18.5	49.8	54.0	-4.2	Peak	Horizontal
	11948.0	31.6	18.6	50.2	54.0	-3.8	Peak	Horizontal
*	8539.5	34.5	13.1	47.6	68.2	-20.6	Peak	Vertical
*	9899.5	34.3	15.4	49.7	74.0	-24.3	Peak	Vertical
	10826.0	32.0	18.0	50.0	54.0	-4.0	Peak	Vertical
	12330.5	33.2	18.5	51.7	54.0	-2.3	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/23
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test Channel:	157
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8735.0	33.2	13.9	47.1	68.2	-21.1	Peak	Horizontal
*	10044.0	32.6	15.5	48.1	68.2	-20.1	Peak	Horizontal
	10970.5	31.5	18.4	49.9	54.0	-4.1	Peak	Horizontal
	12067.0	29.8	18.8	48.6	54.0	-5.4	Peak	Horizontal
*	8675.5	33.5	13.7	47.2	68.2	-21.0	Peak	Vertical
*	9814.5	33.5	15.4	48.9	74.0	-25.1	Peak	Vertical
	11021.5	31.5	18.5	50.0	54.0	-4.0	Peak	Vertical
	11846.0	30.7	18.7	49.4	54.0	-4.6	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/23
Test Mode:	802.11ac-VHT20 - Ant 0 + 1 + 2 + 3	Test Channel:	165
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8973.0	31.3	14.1	45.4	68.2	-22.8	Peak	Horizontal
*	9772.0	32.7	14.9	47.6	68.2	-20.6	Peak	Horizontal
	11021.5	31.5	18.5	50.0	54.0	-4.0	Peak	Horizontal
	11786.5	31.3	18.8	50.1	54.0	-3.9	Peak	Horizontal
*	8675.5	33.7	13.7	47.4	68.2	-20.8	Peak	Vertical
*	10052.5	32.2	15.5	47.7	74.0	-26.3	Peak	Vertical
	10919.5	31.9	18.4	50.3	54.0	-3.7	Peak	Vertical
	12415.5	30.7	18.4	49.1	54.0	-4.9	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/23
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3	Test Channel:	38
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8752.0	32.0	13.9	45.9	68.2	-22.3	Peak	Horizontal
*	9814.5	32.9	15.4	48.3	68.2	-19.9	Peak	Horizontal
	11251.0	30.4	18.8	49.2	54.0	-4.8	Peak	Horizontal
	11982.0	30.5	18.7	49.2	54.0	-4.8	Peak	Horizontal
*	8769.0	32.6	13.9	46.5	68.2	-21.7	Peak	Vertical
*	9976.0	32.8	15.3	48.1	74.0	-25.9	Peak	Vertical
	10783.5	32.4	17.8	50.2	54.0	-3.8	Peak	Vertical
	11608.0	30.3	19.4	49.7	54.0	-4.3	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/23
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3	Test Channel:	46
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8752.0	34.2	13.9	48.1	68.2	-20.1	Peak	Horizontal
*	10069.5	33.2	15.6	48.8	68.2	-19.4	Peak	Horizontal
	11149.0	30.8	18.7	49.5	54.0	-4.5	Peak	Horizontal
	12390.0	30.6	18.4	49.0	54.0	-5.0	Peak	Horizontal
*	8896.5	32.5	14.0	46.5	68.2	-21.7	Peak	Vertical
*	10035.5	33.0	15.5	48.5	74.0	-25.5	Peak	Vertical
	11013.0	31.3	18.5	49.8	54.0	-4.2	Peak	Vertical
	12067.0	30.2	18.8	49.0	54.0	-5.0	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/23
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3	Test Channel:	151
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8803.0	33.1	14.0	47.1	68.2	-21.1	Peak	Horizontal
*	9806.0	35.1	15.2	50.3	68.2	-17.9	Peak	Horizontal
	11013.0	32.6	18.5	51.1	54.0	-2.9	Peak	Horizontal
	12067.0	31.9	18.8	50.7	54.0	-3.3	Peak	Horizontal
*	8769.0	32.5	13.9	46.4	68.2	-21.8	Peak	Vertical
*	9865.5	32.4	16.0	48.4	74.0	-25.6	Peak	Vertical
	10987.5	31.8	18.5	50.3	54.0	-3.7	Peak	Vertical
	12169.0	31.3	18.8	50.1	54.0	-3.9	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/23
Test Mode:	802.11ac-VHT40 - Ant 0 + 1 + 2 + 3	Test Channel:	159
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8862.5	32.6	14.0	46.6	68.2	-21.6	Peak	Horizontal
*	9967.5	35.1	15.3	50.4	68.2	-17.8	Peak	Horizontal
	10834.5	34.6	18.1	52.7	54.0	-1.3	Peak	Horizontal
	12279.5	32.9	18.6	51.5	54.0	-2.5	Peak	Horizontal
*	8811.5	33.5	14.0	47.5	68.2	-20.7	Peak	Vertical
*	9865.5	33.2	16.0	49.2	74.0	-24.8	Peak	Vertical
	10817.5	32.7	18.0	50.7	54.0	-3.3	Peak	Vertical
	11582.5	31.7	19.5	51.2	54.0	-2.8	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/23
Test Mode:	802.11ac-VHT80 - Ant 0 + 1 + 2 + 3	Test Channel:	42
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8811.5	32.5	14.0	46.5	68.2	-21.7	Peak	Horizontal
*	9865.5	33.1	16.0	49.1	68.2	-19.1	Peak	Horizontal
	11140.5	31.6	18.7	50.3	54.0	-3.7	Peak	Horizontal
	12330.5	30.4	18.5	48.9	54.0	-5.1	Peak	Horizontal
*	8701.0	31.7	13.8	45.5	68.2	-22.7	Peak	Vertical
*	9797.5	33.6	15.1	48.7	74.0	-25.3	Peak	Vertical
	10681.5	32.6	17.4	50.0	54.0	-4.0	Peak	Vertical
	12118.0	30.0	18.9	48.9	54.0	-5.1	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/23
Test Mode:	802.11ac-VHT80 - Ant 0 + 1 + 2 + 3	Test Channel:	155
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8811.5	32.8	14.0	46.8	68.2	-21.4	Peak	Horizontal
*	9899.5	35.5	15.4	50.9	68.2	-17.3	Peak	Horizontal
	11174.5	32.0	18.7	50.7	54.0	-3.3	Peak	Horizontal
	12084.0	30.9	18.9	49.8	54.0	-4.2	Peak	Horizontal
*	8803.0	33.7	14.0	47.7	68.2	-20.5	Peak	Vertical
*	9823.0	34.0	15.6	49.6	74.0	-24.4	Peak	Vertical
	11021.5	31.0	18.5	49.5	54.0	-4.5	Peak	Vertical
	12237.0	31.0	18.7	49.7	54.0	-4.3	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/23
Test Mode:	802.11ax-HE20 - Ant 0 + 1 + 2 + 3	Test Channel:	36
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8769.0	32.3	13.9	46.2	68.2	-22.0	Peak	Horizontal
*	10027.0	32.7	15.4	48.1	68.2	-20.1	Peak	Horizontal
	10885.5	32.1	18.3	50.4	54.0	-3.6	Peak	Horizontal
	11778.0	30.5	18.8	49.3	54.0	-4.7	Peak	Horizontal
*	8811.5	34.0	14.0	48.0	68.2	-20.2	Peak	Vertical
*	10086.5	32.6	15.7	48.3	74.0	-25.7	Peak	Vertical
	10885.5	31.9	18.3	50.2	54.0	-3.8	Peak	Vertical
	11684.5	31.5	19.2	50.7	54.0	-3.3	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/23
Test Mode:	802.11ax-HE20 - Ant 0 + 1 + 2 + 3	Test Channel:	44
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	8862.5	33.4	14.0	47.4	68.2	-20.8	Peak	Horizontal
*	10086.5	33.1	15.7	48.8	68.2	-19.4	Peak	Horizontal
	10877.0	32.5	18.2	50.7	54.0	-3.3	Peak	Horizontal
	12075.5	32.2	18.9	51.1	54.0	-2.9	Peak	Horizontal
*	8862.5	32.5	14.0	46.5	68.2	-21.7	Peak	Vertical
*	9993.0	34.6	15.4	50.0	74.0	-24.0	Peak	Vertical
	10979.0	31.8	18.5	50.3	54.0	-3.7	Peak	Vertical
	11948.0	31.6	18.6	50.2	54.0	-3.8	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/23
Test Mode:	802.11ax-HE20 - Ant 0 + 1 + 2 + 3	Test Channel:	48
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	8786.0	33.5	13.9	47.4	68.2	-20.8	Peak	Horizontal
*	10112.0	32.4	15.8	48.2	68.2	-20.0	Peak	Horizontal
	10945.0	31.8	18.4	50.2	54.0	-3.8	Peak	Horizontal
	12279.5	30.9	18.6	49.5	54.0	-4.5	Peak	Horizontal
*	8811.5	32.7	14.0	46.7	68.2	-21.5	Peak	Vertical
*	10078.0	32.9	15.6	48.5	74.0	-25.5	Peak	Vertical
	10928.0	32.1	18.4	50.5	54.0	-3.5	Peak	Vertical
	12058.5	30.9	18.8	49.7	54.0	-4.3	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/23
Test Mode:	802.11ax-HE20 - Ant 0 + 1 + 2 + 3	Test Channel:	149
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8854.0	32.8	14.0	46.8	68.2	-21.4	Peak	Horizontal
*	10018.5	33.1	15.4	48.5	68.2	-19.7	Peak	Horizontal
	11132.0	31.1	18.6	49.7	54.0	-4.3	Peak	Horizontal
	11948.0	31.3	18.6	49.9	54.0	-4.1	Peak	Horizontal
*	8735.0	33.8	13.9	47.7	68.2	-20.5	Peak	Vertical
*	9738.0	35.7	14.8	50.5	74.0	-23.5	Peak	Vertical
	10885.5	32.1	18.3	50.4	54.0	-3.6	Peak	Vertical
	11642.0	30.4	19.4	49.8	54.0	-4.2	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/23
Test Mode:	802.11ax-HE20 - Ant 0 + 1 + 2 + 3	Test Channel:	157
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8837.0	33.7	14.0	47.7	68.2	-20.5	Peak	Horizontal
*	9874.0	32.4	15.8	48.2	68.2	-20.0	Peak	Horizontal
	10877.0	33.8	18.2	52.0	54.0	-2.0	Peak	Horizontal
	12220.0	32.2	18.7	50.9	54.0	-3.1	Peak	Horizontal
*	8871.0	33.2	14.0	47.2	68.2	-21.0	Peak	Vertical
*	9789.0	33.2	15.0	48.2	74.0	-25.8	Peak	Vertical
	11123.5	32.1	18.6	50.7	54.0	-3.3	Peak	Vertical
	12058.5	31.5	18.8	50.3	54.0	-3.7	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/23
Test Mode:	802.11ax-HE20 - Ant 0 + 1 + 2 + 3	Test Channel:	165
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8786.0	34.9	13.9	48.8	68.2	-19.4	Peak	Horizontal
*	9848.5	34.7	16.1	50.8	68.2	-17.4	Peak	Horizontal
	10826.0	34.3	18.0	52.3	54.0	-1.7	Peak	Horizontal
	11735.5	32.1	19.0	51.1	54.0	-2.9	Peak	Horizontal
*	8871.0	33.4	14.0	47.4	68.2	-20.8	Peak	Vertical
*	9814.5	33.0	15.4	48.4	74.0	-25.6	Peak	Vertical
	10809.0	33.8	17.9	51.7	54.0	-2.3	Peak	Vertical
	11965.0	32.5	18.6	51.1	54.0	-2.9	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/23
Test Mode:	802.11ax-HE40 - Ant 0 + 1 + 2 + 3	Test Channel:	38
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8692.5	33.6	13.7	47.3	68.2	-20.9	Peak	Horizontal
*	9976.0	35.7	15.3	51.0	68.2	-17.2	Peak	Horizontal
	10928.0	34.0	18.4	52.4	54.0	-1.6	Peak	Horizontal
	12160.5	32.1	18.9	51.0	54.0	-3.0	Peak	Horizontal
*	8692.5	33.5	13.7	47.2	68.2	-21.0	Peak	Vertical
*	10052.5	34.0	15.5	49.5	74.0	-24.5	Peak	Vertical
	11021.5	31.3	18.5	49.8	54.0	-4.2	Peak	Vertical
	12381.5	31.5	18.4	49.9	54.0	-4.1	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/23
Test Mode:	802.11ax-HE40 - Ant 0 + 1 + 2 + 3	Test Channel:	46
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	8735.0	32.9	13.9	46.8	68.2	-21.4	Peak	Horizontal
*	9763.5	32.6	14.9	47.5	68.2	-20.7	Peak	Horizontal
	10834.5	32.7	18.1	50.8	54.0	-3.2	Peak	Horizontal
	11922.5	30.5	18.6	49.1	54.0	-4.9	Peak	Horizontal
*	8735.0	32.7	13.9	46.6	68.2	-21.6	Peak	Vertical
*	10214.0	32.9	16.3	49.2	74.0	-24.8	Peak	Vertical
	11013.0	31.2	18.5	49.7	54.0	-4.3	Peak	Vertical
	11846.0	31.2	18.7	49.9	54.0	-4.1	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/23
Test Mode:	802.11ax-HE40 - Ant 0 + 1 + 2 + 3	Test Channel:	151
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8820.0	34.4	14.0	48.4	68.2	-19.8	Peak	Horizontal
*	10078.0	34.8	15.6	50.4	68.2	-17.8	Peak	Horizontal
	10741.0	33.8	17.6	51.4	54.0	-2.6	Peak	Horizontal
	11633.5	31.8	19.4	51.2	54.0	-2.8	Peak	Horizontal
*	8726.5	31.8	13.8	45.6	68.2	-22.6	Peak	Vertical
*	9797.5	33.5	15.1	48.6	74.0	-25.4	Peak	Vertical
	10885.5	32.1	18.3	50.4	54.0	-3.6	Peak	Vertical
	12075.5	30.2	18.9	49.1	54.0	-4.9	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/23
Test Mode:	802.11ax-HE40 - Ant 0 + 1 + 2 + 3	Test Channel:	159
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8709.5	34.6	13.8	48.4	68.2	-19.8	Peak	Horizontal
*	9814.5	33.2	15.4	48.6	68.2	-19.6	Peak	Horizontal
	11064.0	31.2	18.5	49.7	54.0	-4.3	Peak	Horizontal
	12237.0	30.6	18.7	49.3	54.0	-4.7	Peak	Horizontal
*	8692.5	33.6	13.7	47.3	68.2	-20.9	Peak	Vertical
*	10112.0	31.9	15.8	47.7	74.0	-26.3	Peak	Vertical
	11234.0	30.9	18.8	49.7	54.0	-4.3	Peak	Vertical
	11948.0	31.9	18.6	50.5	54.0	-3.5	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/23
Test Mode:	802.11ax-HE80 - Ant 0 + 1 + 2 + 3	Test Channel:	42
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBµV)	Factor (dB)	Measure Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Polarization
*	8701.0	32.7	13.8	46.5	68.2	-21.7	Peak	Horizontal
*	9950.5	33.0	15.3	48.3	68.2	-19.9	Peak	Horizontal
	11242.5	30.4	18.8	49.2	54.0	-4.8	Peak	Horizontal
	11905.5	31.1	18.6	49.7	54.0	-4.3	Peak	Horizontal
*	8786.0	34.0	13.9	47.9	68.2	-20.3	Peak	Vertical
*	9678.5	33.7	14.6	48.3	74.0	-25.7	Peak	Vertical
	10885.5	32.4	18.3	50.7	54.0	-3.3	Peak	Vertical
	11608.0	30.7	19.4	50.1	54.0	-3.9	Peak	Vertical

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

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

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

Product	ACCESS POINT	Temperature	26°C
Test Engineer	Kevin Ker	Relative Humidity	57 %
Test Site	AC1	Test Date	2018/06/23
Test Mode:	802.11ax-HE80 - Ant 0 + 1 + 2 + 3	Test Channel:	155
Remark:	1. Average measurement was not performed if peak level lower than average limit. So the margin was calculated using the average limit for emissions fall within the restricted bands. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8692.5	33.6	13.7	47.3	68.2	-20.9	Peak	Horizontal
*	9772.0	33.4	14.9	48.3	68.2	-19.9	Peak	Horizontal
	11259.5	32.3	18.8	51.1	54.0	-2.9	Peak	Horizontal
	12067.0	31.0	18.8	49.8	54.0	-4.2	Peak	Horizontal
*	8879.5	33.7	14.0	47.7	68.2	-20.5	Peak	Vertical
*	9959.0	35.9	15.3	51.2	74.0	-22.8	Peak	Vertical
	11115.0	33.5	18.6	52.1	54.0	-1.9	Peak	Vertical
	12067.0	31.7	18.8	50.5	54.0	-3.5	Peak	Vertical

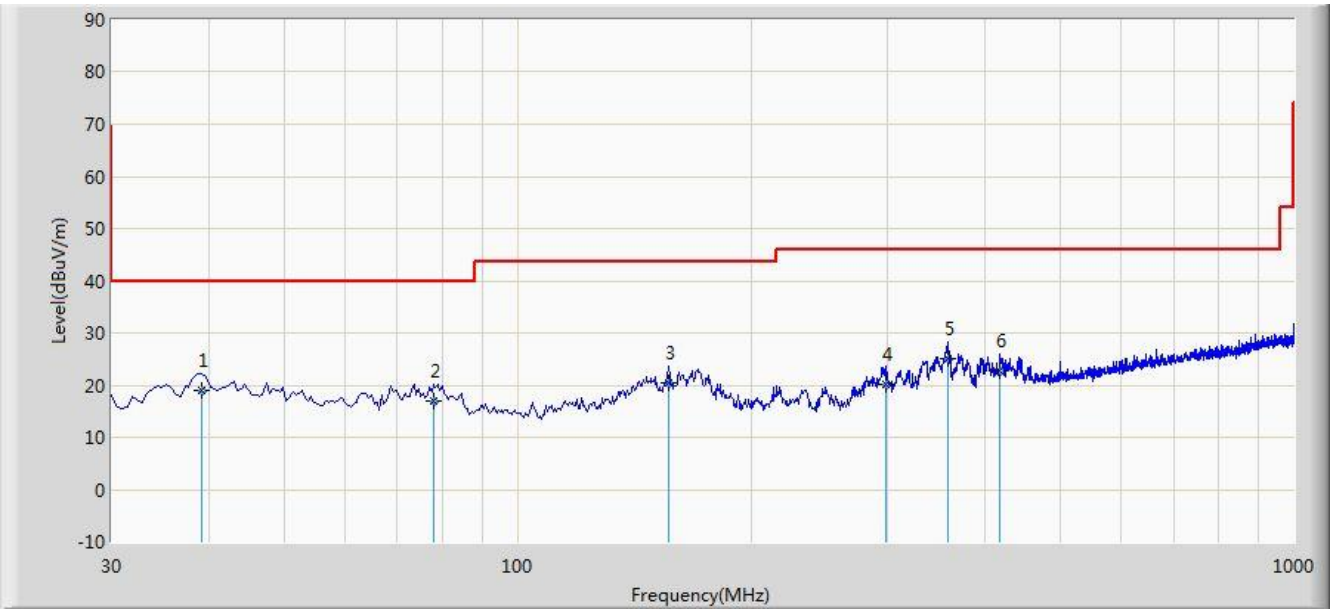
Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

The Worst Case of Radiated Emission below 1GHz:

Site: AC1	Time: 2018/06/27 - 20:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: VULB 9168_20-2000MHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: There is the worst case within frequency range 30MHz~1GHz.	



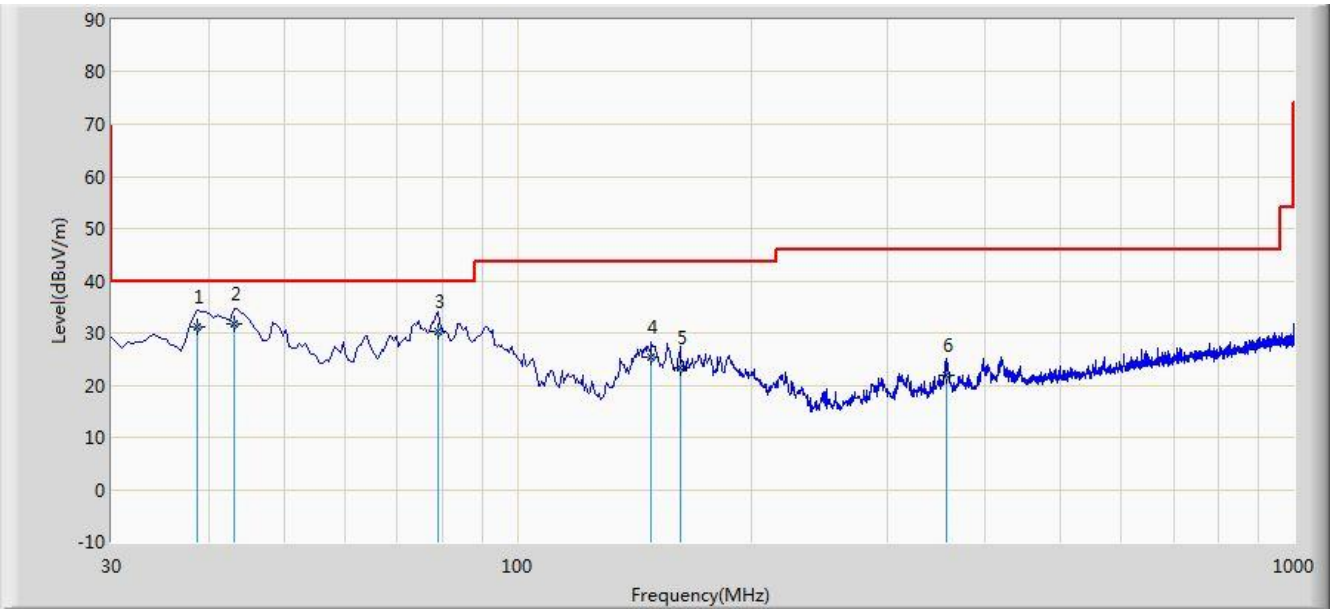
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			39.215	19.051	5.328	-20.949	40.000	13.723	QP
2			78.015	17.068	7.905	-22.932	40.000	9.163	QP
3			156.585	20.463	10.634	-23.037	43.500	9.829	QP
4			297.720	20.041	5.334	-25.959	46.000	14.707	QP
5		*	359.315	25.129	8.937	-20.871	46.000	16.192	QP
6			418.485	22.792	5.573	-23.208	46.000	17.219	QP

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

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

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

Site: AC1	Time: 2018/06/27 - 20:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin Ker
Probe: VULB 9168_20-2000MHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: There is the worst case within frequency range 30MHz~1GHz.	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			38.730	31.262	17.632	-8.738	40.000	13.630	QP
2		*	43.095	31.772	17.305	-8.228	40.000	14.466	QP
3			78.985	30.237	20.938	-9.763	40.000	9.299	QP
4			148.528	25.286	15.712	-18.214	43.500	9.575	QP
5			161.920	23.310	13.273	-20.190	43.500	10.037	QP
6			356.405	21.874	5.726	-24.126	46.000	16.148	QP

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

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

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

7.9. Radiated Restricted Band Edge Measurement

7.9.1.Test Limit

For 15.205 requirement:

Radiated emissions which fall in the restricted bands, as defined in Section 15.205(a) of FCC part 15, must also comply with the radiated emission limits specified in Section 15.209(a).

Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (GHz)
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
[1] 0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.25 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 - 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2690 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	([2])
13.36 - 13.41	--	--	--

For 15.407(b) requirement:

For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.

For transmitters operating in the 5.725-5.85 GHz band: All emissions shall be limited to a level of −27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

Refer to KDB 789033 D02v02r01 G)2)c), as specified in § 15.407(b), emissions above 1000 MHz that are outside of the restricted bands are subject to a maximum emission limit of -27 dBm/MHz (or -17 dBm/MHz as specified in § 15.407(b)(4)). However, an out-of-band emission that complies with both the peak and average limits of § 15.209 is not required to satisfy the -27 dBm/MHz or -17 dBm/MHz maximum emission limit.

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47CFR must not exceed the limits shown in Table per Section 15.209.

FCC Part 15 Subpart C Paragraph 15.209		
Frequency [MHz]	Field Strength [uV/m]	Measured Distance [Meters]
0.009 - 0.490	2400/F (kHz)	300
0.490 - 1.705	24000/F (kHz)	30
1.705 - 30	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

7.9.2.Test Procedure Used

ANSI C63.10 Section 6.3 (General Requirements)

ANSI C63.10 Section 6.6 (Standard test method above 1GHz)

7.9.3.Test Setting

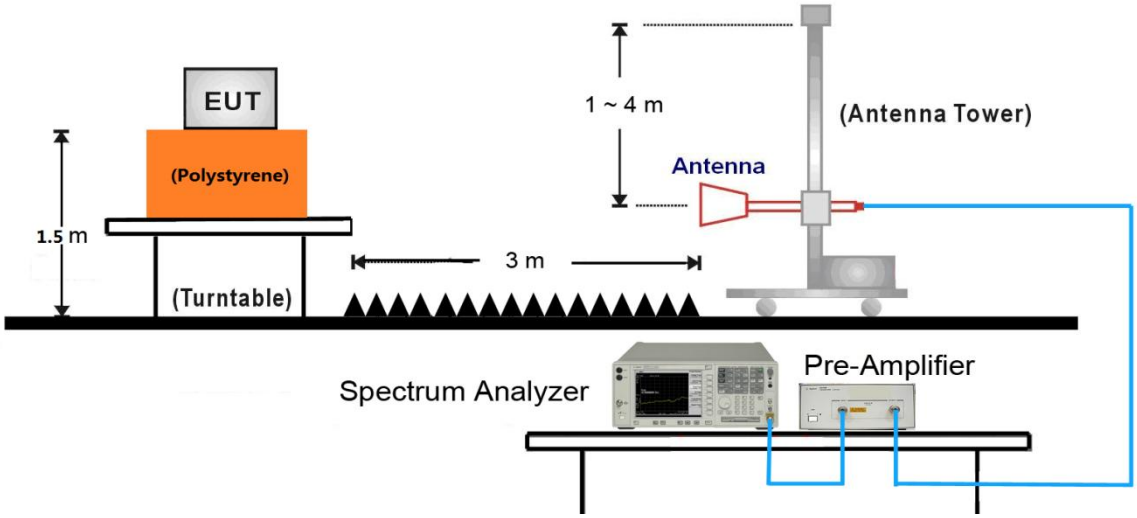
Peak Measurements above 1GHz

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

Average Field Strength Measurements

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW ≥ 1/T
4. De As an alternative, the instrument may be set to linear detector mode. Ensure that video filtering is applied in linear voltage domain (rather than in a log or dB domain). Some instruments require linear display mode in order to accomplish this. Others have a setting for Average-VBW Type, which can be set to “Voltage” regardless of the display mode
5. Detector = Peak
6. Sweep time = auto
7. Trace mode = max hold
8. Allow max hold to run for at least 50 times (1/duty cycle) traces

7.9.4.Test Setup

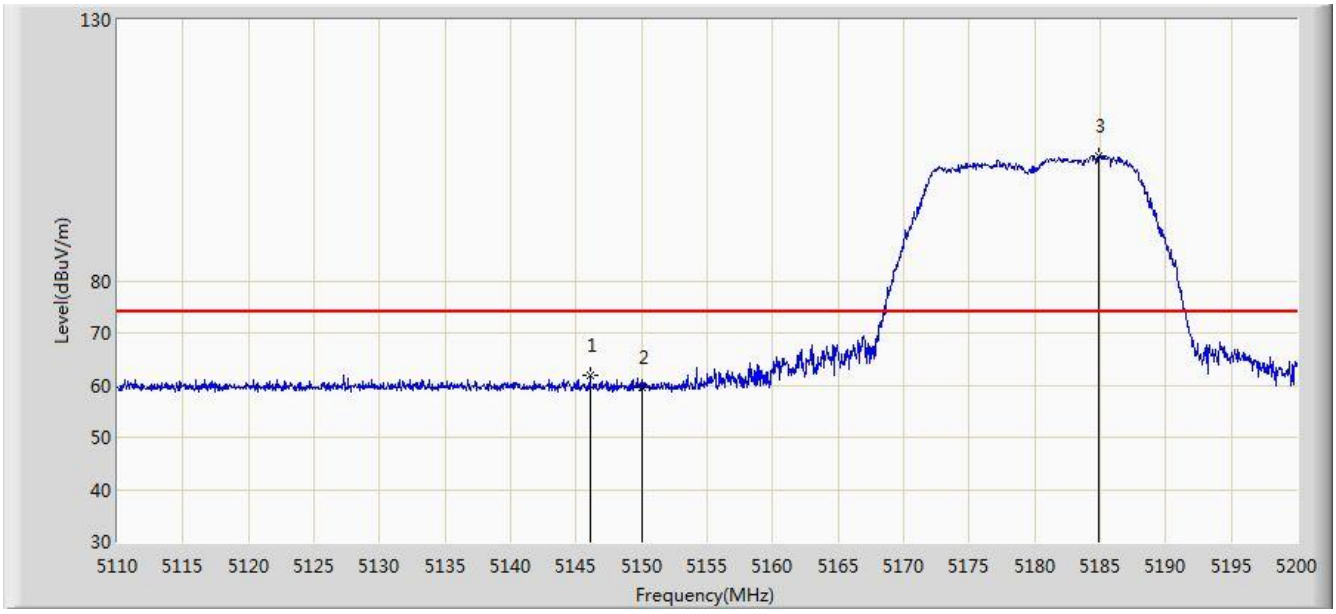


This item was performed with the WIFI antenna connected.

7.9.5.Test Result

For APIN0514 - Omni Antenna (AP-ANT-20W):

Site: AC1	Time: 2018/06/22 - 02:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 0 + 1 + 2 + 3	

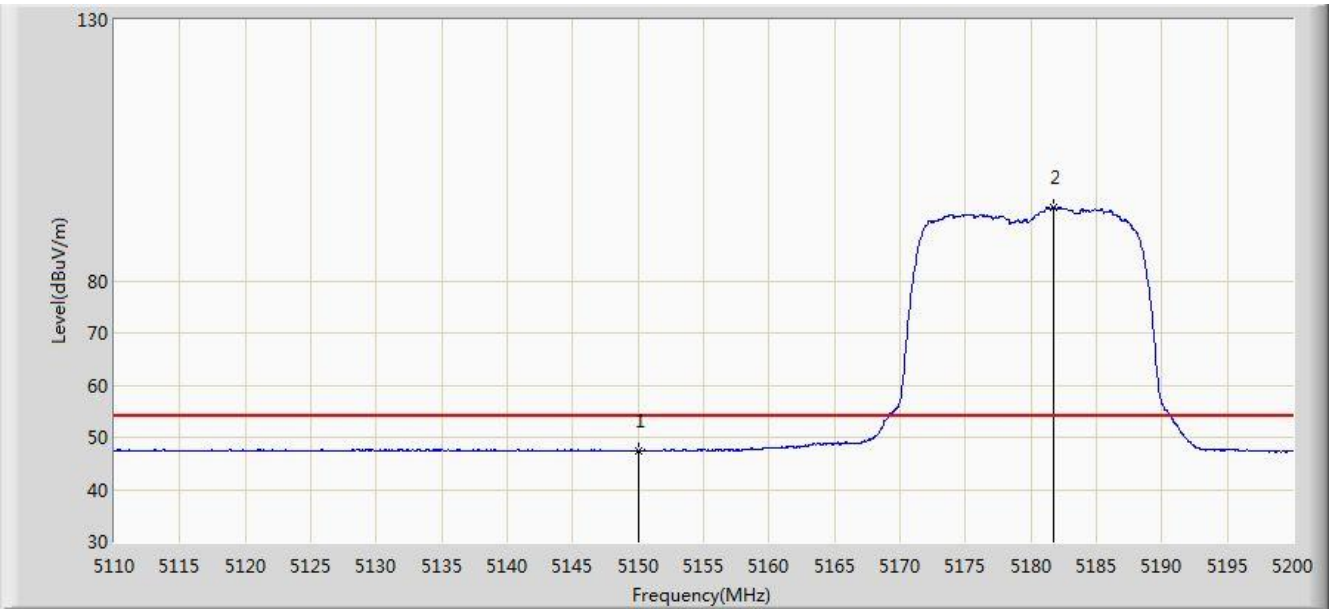


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5146.045	61.797	57.621	-12.203	74.000	4.175	PK
2			5150.000	59.512	55.343	-14.488	74.000	4.170	PK
3		*	5184.835	103.862	99.810	N/A	N/A	4.052	PK

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

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

Site: AC1	Time: 2018/06/22 - 02:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 0 + 1 + 2 + 3	

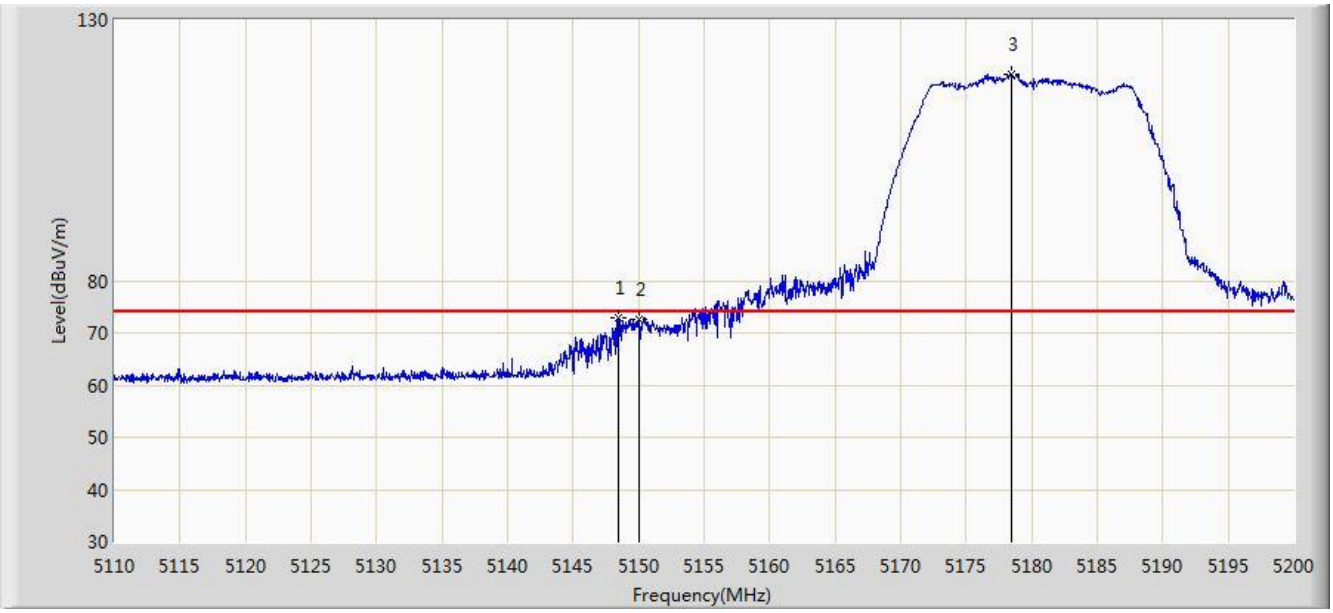


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	47.474	43.305	-6.526	54.000	4.170	AV
2		*	5181.775	94.011	89.948	N/A	N/A	4.063	AV

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

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

Site: AC1	Time: 2018/06/22 - 02:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 0 + 1 + 2 + 3	

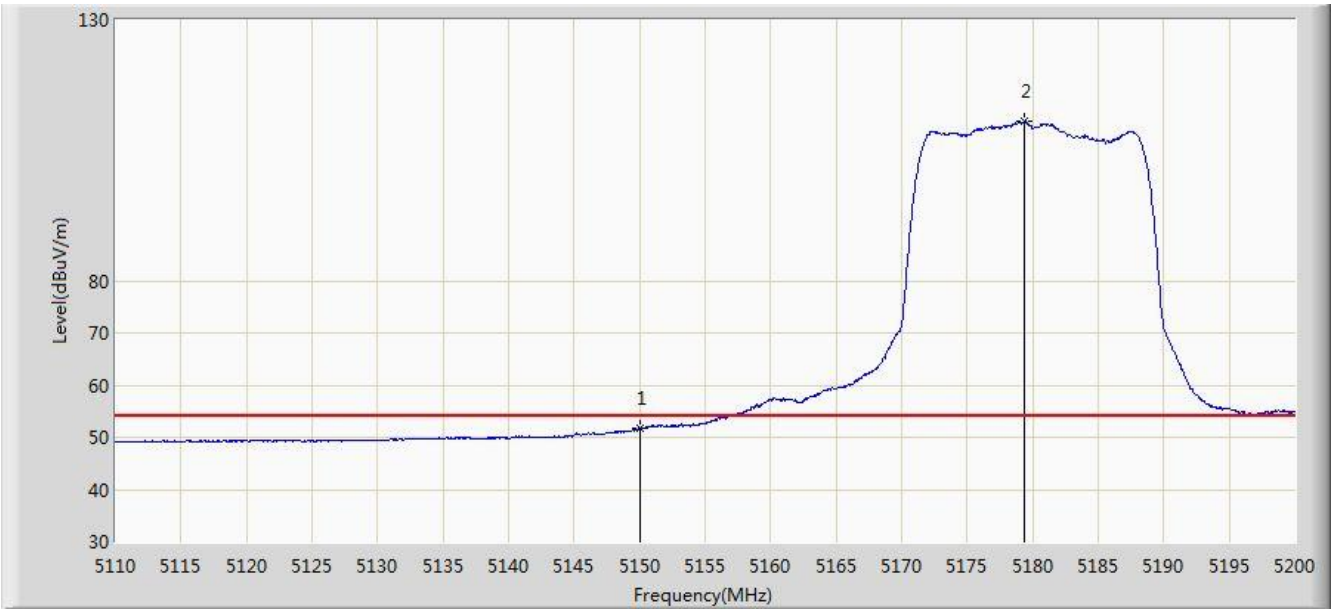


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.475	72.989	68.815	-1.011	74.000	4.174	PK
2			5150.000	72.497	68.328	-1.503	74.000	4.170	PK
3		*	5178.445	119.617	115.543	N/A	N/A	4.074	PK

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

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

Site: AC1	Time: 2018/06/22 - 02:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 0 + 1 + 2 + 3	

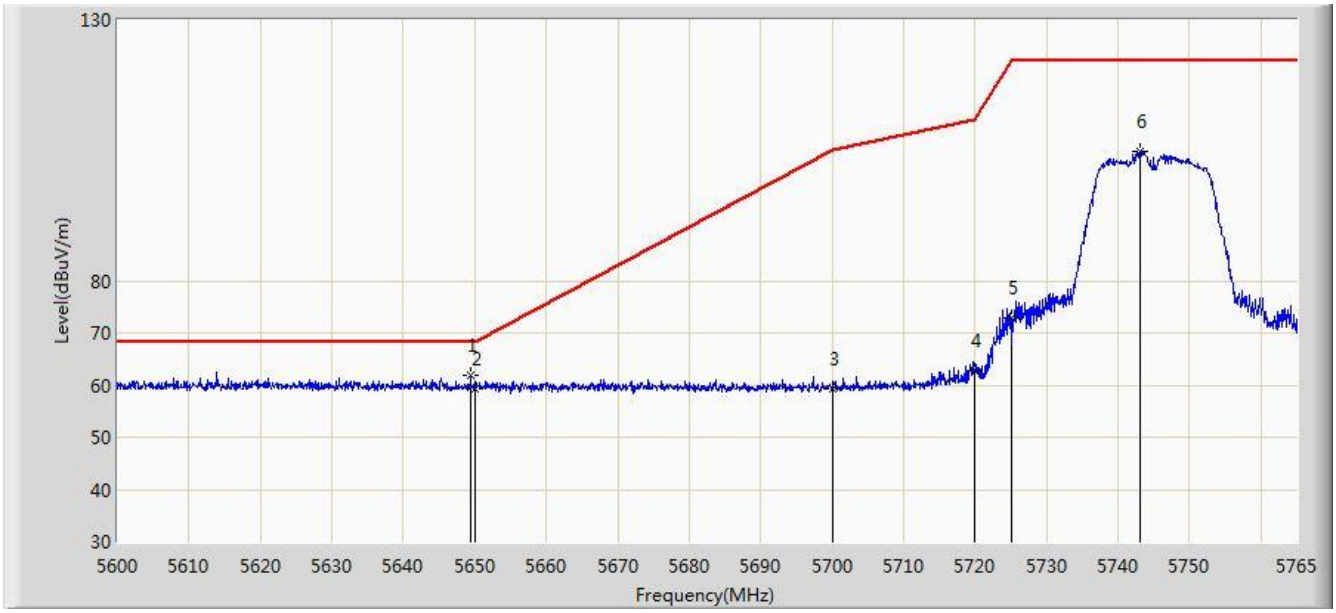


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	51.629	47.460	-2.371	54.000	4.170	AV
2		*	5179.390	110.475	106.404	N/A	N/A	4.071	AV

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

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

Site: AC1	Time: 2018/06/22 - 03:17
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5745MHz Ant 0 + 1 + 2 + 3	

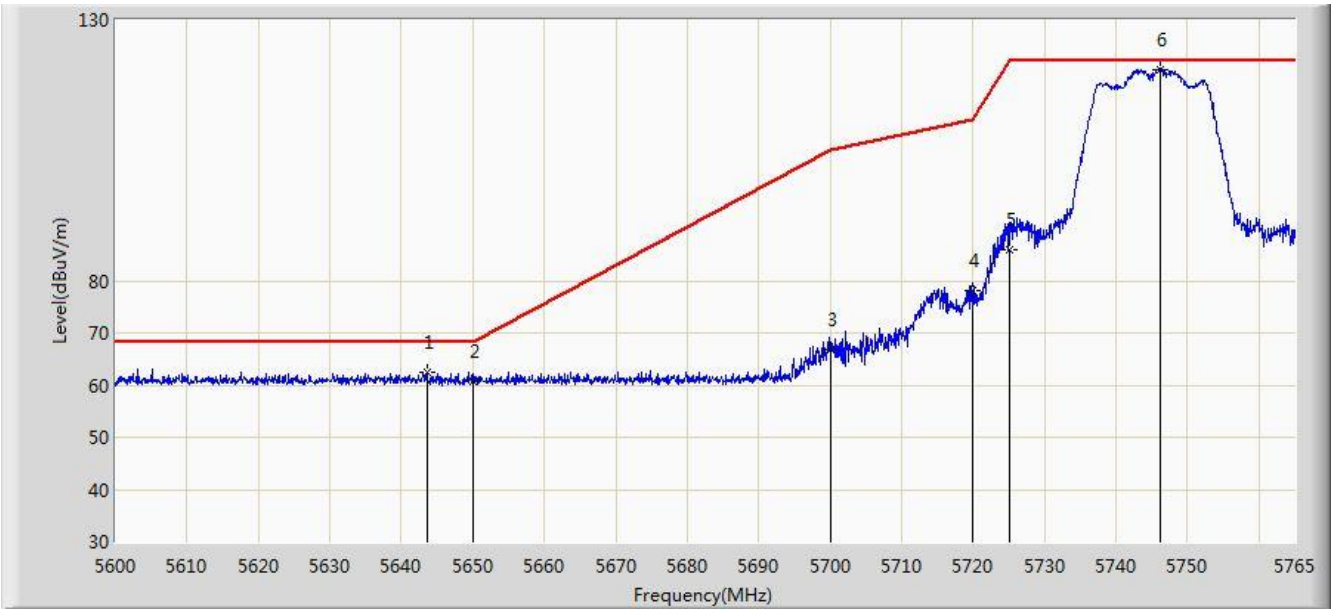


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5649.417	61.832	57.163	-6.368	68.200	4.669	PK
2			5650.000	59.263	54.592	-8.937	68.200	4.671	PK
3			5700.000	59.312	54.434	-45.888	105.200	4.878	PK
4			5720.000	62.616	57.619	-48.184	110.800	4.997	PK
5			5725.000	72.941	67.912	-49.259	122.200	5.029	PK
6			5743.055	104.775	99.631	N/A	N/A	5.144	PK

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

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

Site: AC1	Time: 2018/06/22 - 03:15
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5745MHz Ant 0 + 1 + 2 + 3	

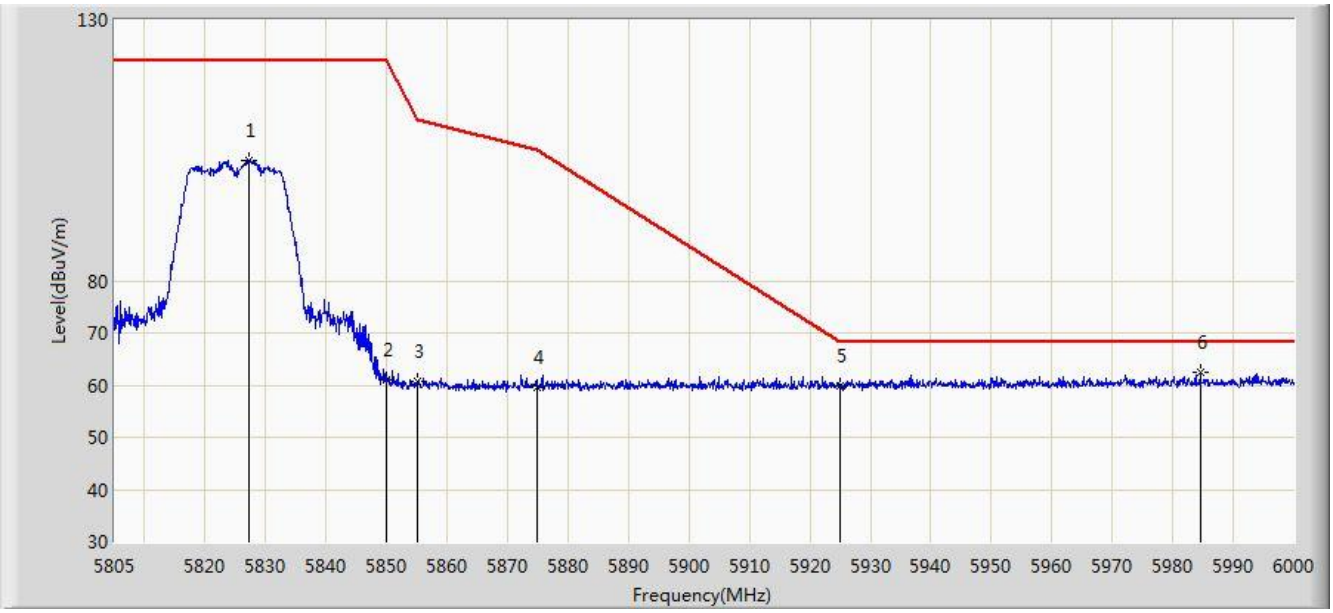


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5643.560	62.540	57.890	-5.660	68.200	4.649	PK
2			5650.000	60.860	56.189	-7.340	68.200	4.671	PK
3			5700.000	66.856	61.978	-38.344	105.200	4.878	PK
4			5720.000	78.237	73.240	-32.563	110.800	4.997	PK
5			5725.000	86.076	81.047	-36.124	122.200	5.029	PK
6		*	5746.272	120.579	115.417	N/A	N/A	5.163	PK

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

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

Site: AC1	Time: 2018/06/22 - 03:18
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5825MHz Ant 0 + 1 + 2 + 3	

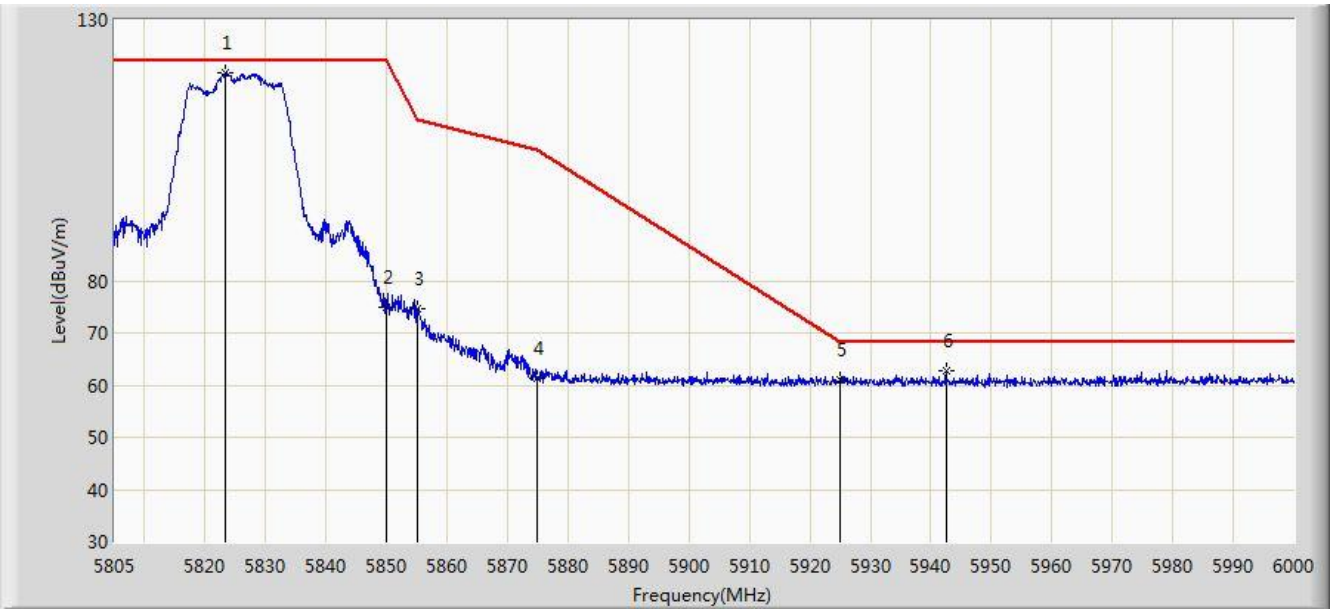


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5827.328	102.939	97.337	N/A	N/A	5.602	PK
2			5850.000	60.955	55.229	-61.245	122.200	5.726	PK
3			5855.000	60.585	54.839	-50.215	110.800	5.746	PK
4			5875.000	59.661	53.841	-45.539	105.200	5.820	PK
5			5925.000	59.924	53.958	-8.276	68.200	5.967	PK
6		*	5984.595	62.531	56.446	-5.669	68.200	6.086	PK

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

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

Site: AC1	Time: 2018/06/22 - 03:19
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5825MHz Ant 0 + 1 + 2 + 3	

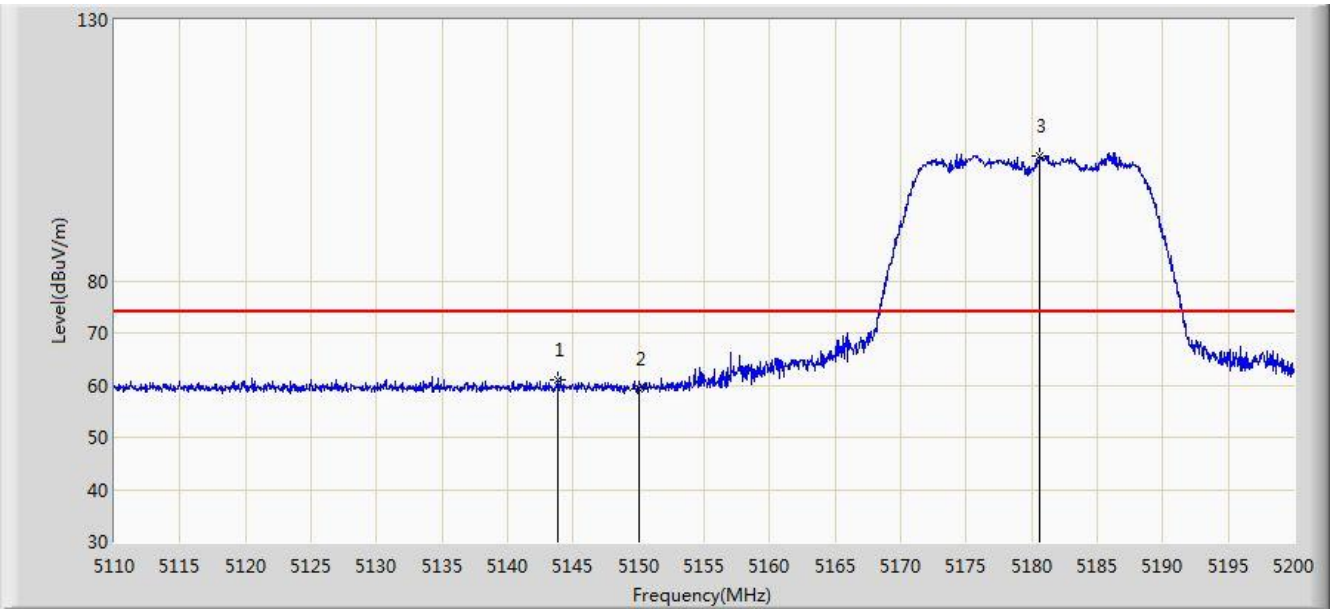


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5823.428	119.955	114.376	N/A	N/A	5.578	PK
2			5850.000	74.853	69.127	-47.347	122.200	5.726	PK
3			5855.000	74.774	69.028	-36.026	110.800	5.746	PK
4			5875.000	61.219	55.399	-43.981	105.200	5.820	PK
5			5925.000	61.058	55.092	-7.142	68.200	5.967	PK
6			5942.475	62.898	56.888	-5.302	68.200	6.009	PK

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

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

Site: AC1	Time: 2018/06/22 - 03:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 0 + 1 + 2 + 3	

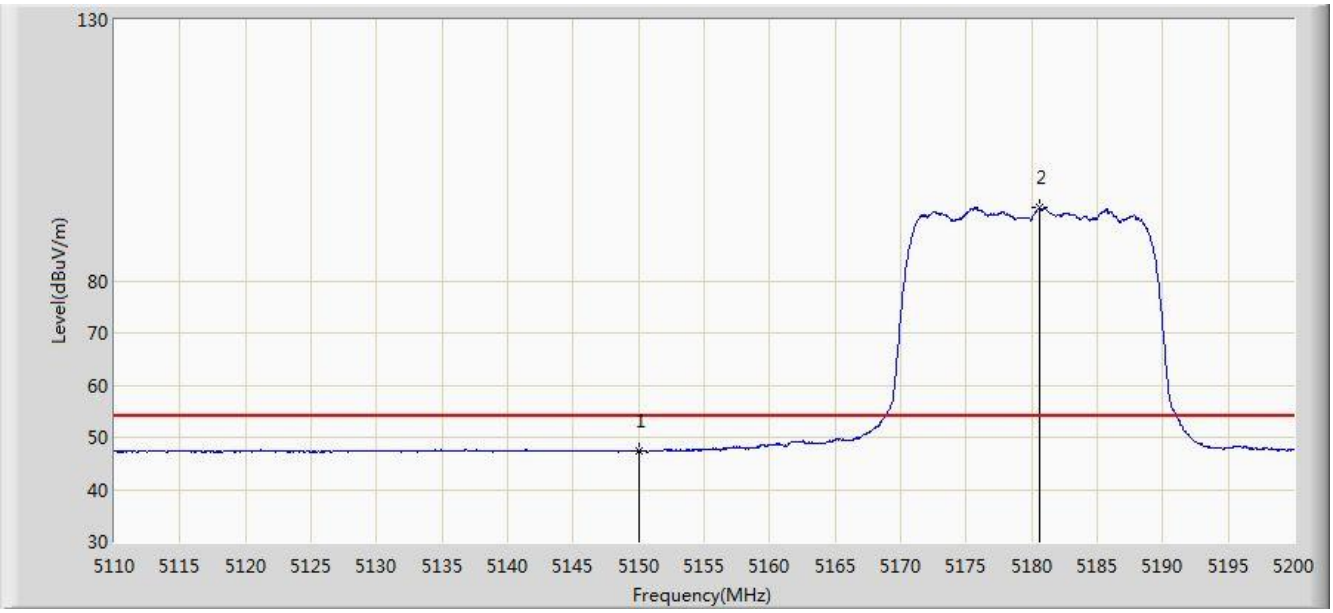


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5143.795	61.030	56.854	-12.970	74.000	4.175	PK
2			5150.000	59.140	54.971	-14.860	74.000	4.170	PK
3		*	5180.650	103.972	99.905	N/A	N/A	4.067	PK

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

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

Site: AC1	Time: 2018/06/22 - 03:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 0 + 1 + 2 + 3	

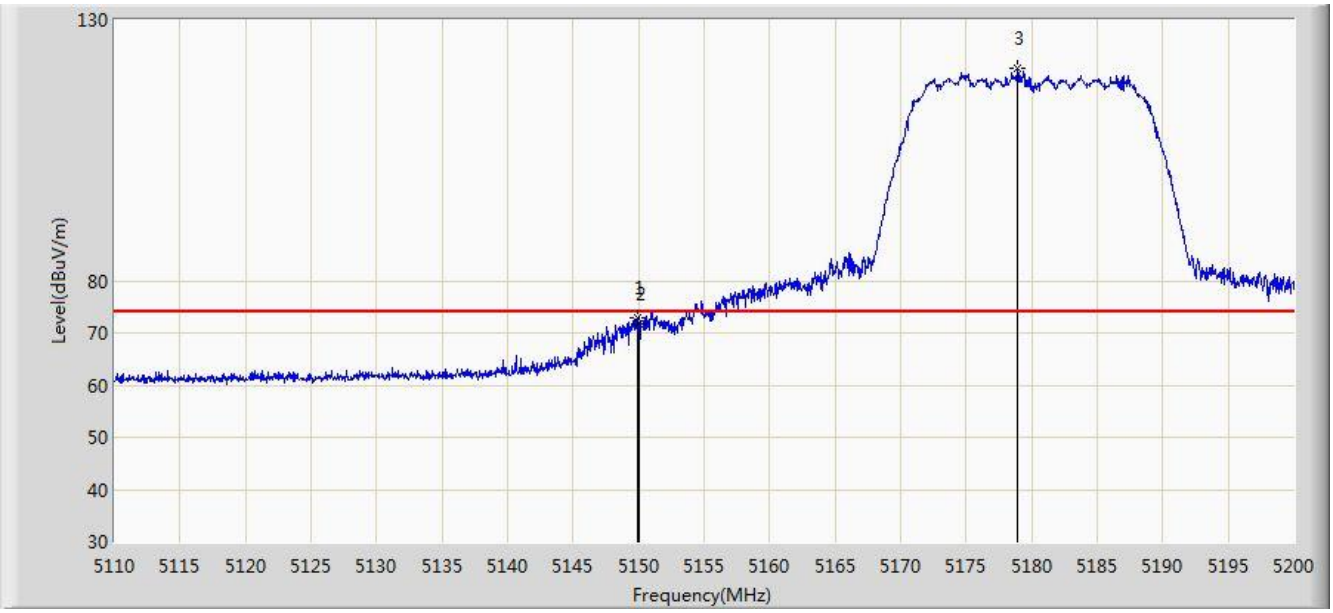


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	47.336	43.167	-6.664	54.000	4.170	AV
2		*	5180.560	93.955	89.888	N/A	N/A	4.067	AV

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

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

Site: AC1	Time: 2018/06/22 - 03:29
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 0 + 1 + 2 + 3	

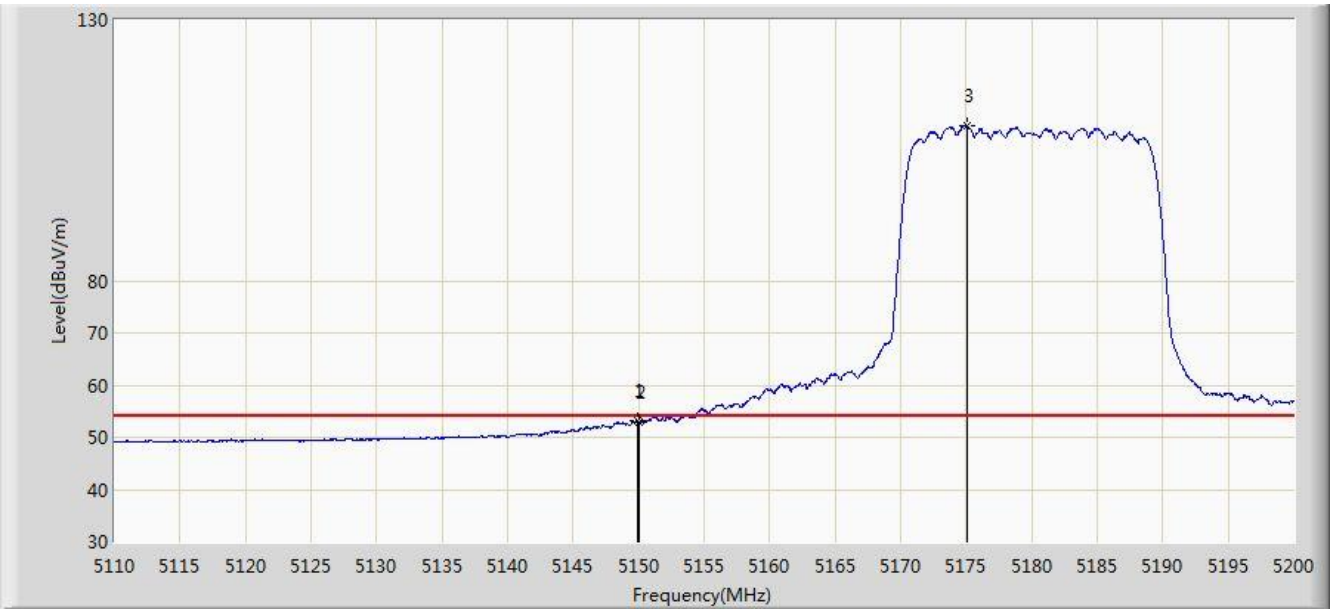


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.915	72.843	68.673	-1.157	74.000	4.170	PK
2			5150.000	71.812	67.643	-2.188	74.000	4.170	PK
3		*	5178.940	120.731	116.658	N/A	N/A	4.072	PK

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

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

Site: AC1	Time: 2018/06/22 - 03:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 0 + 1 + 2 + 3	

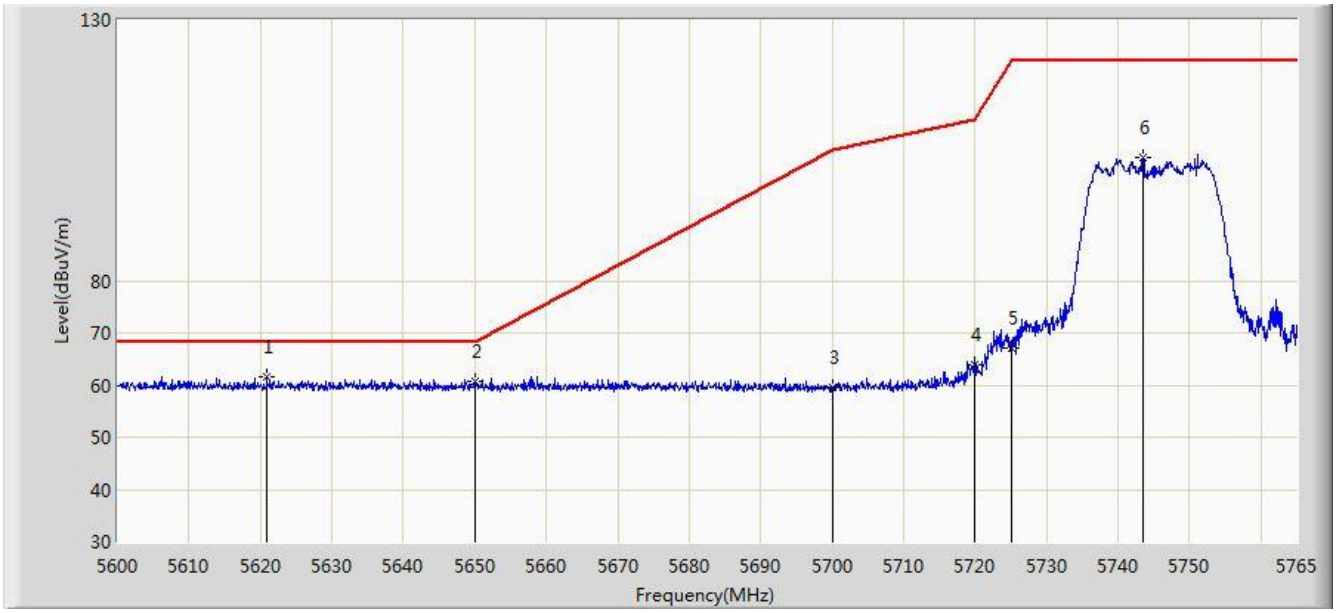


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.870	53.208	49.038	-0.792	54.000	4.170	AV
2			5150.000	52.961	48.792	-1.039	54.000	4.170	AV
3	X	*	5175.025	109.849	105.762	N/A	N/A	4.087	AV

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

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

Site: AC1	Time: 2018/06/22 - 04:19
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 0 + 1 + 2 + 3	

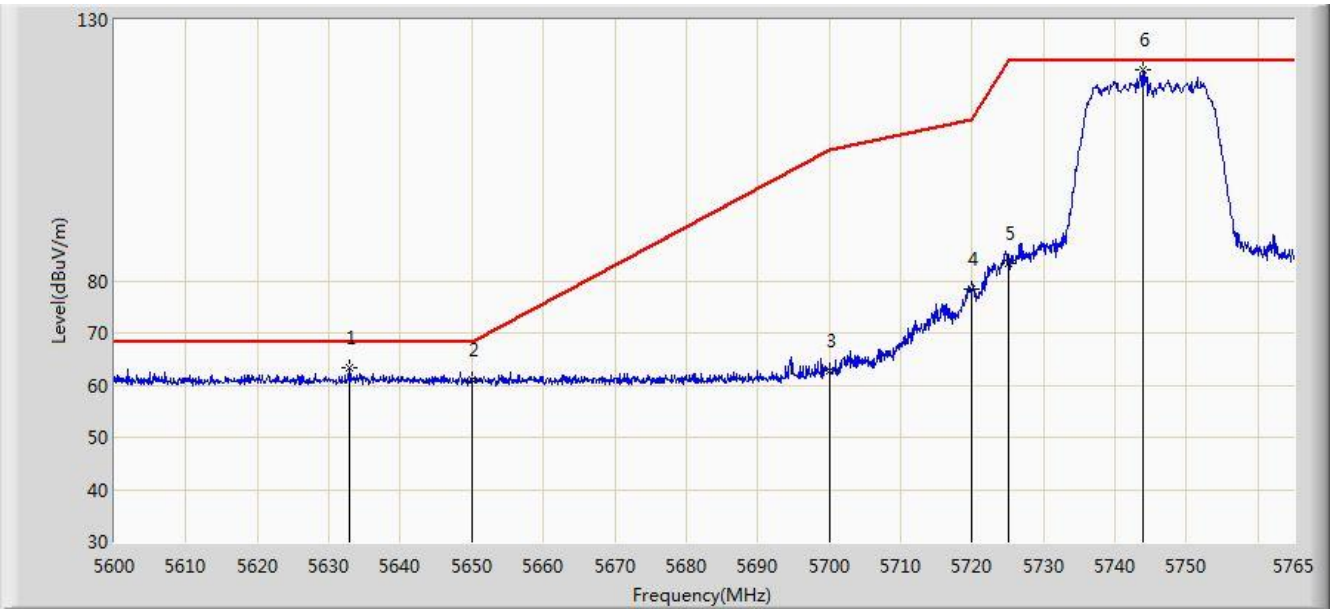


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5620.873	61.569	56.986	-6.631	68.200	4.583	PK
2			5650.000	60.609	55.938	-7.591	68.200	4.671	PK
3			5700.000	59.499	54.621	-45.701	105.200	4.878	PK
4			5720.000	63.943	58.946	-46.857	110.800	4.997	PK
5			5725.000	67.188	62.159	-55.012	122.200	5.029	PK
6			5743.550	103.514	98.367	N/A	N/A	5.147	PK

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

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

Site: AC1	Time: 2018/06/22 - 04:20
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 0 + 1 + 2 + 3	

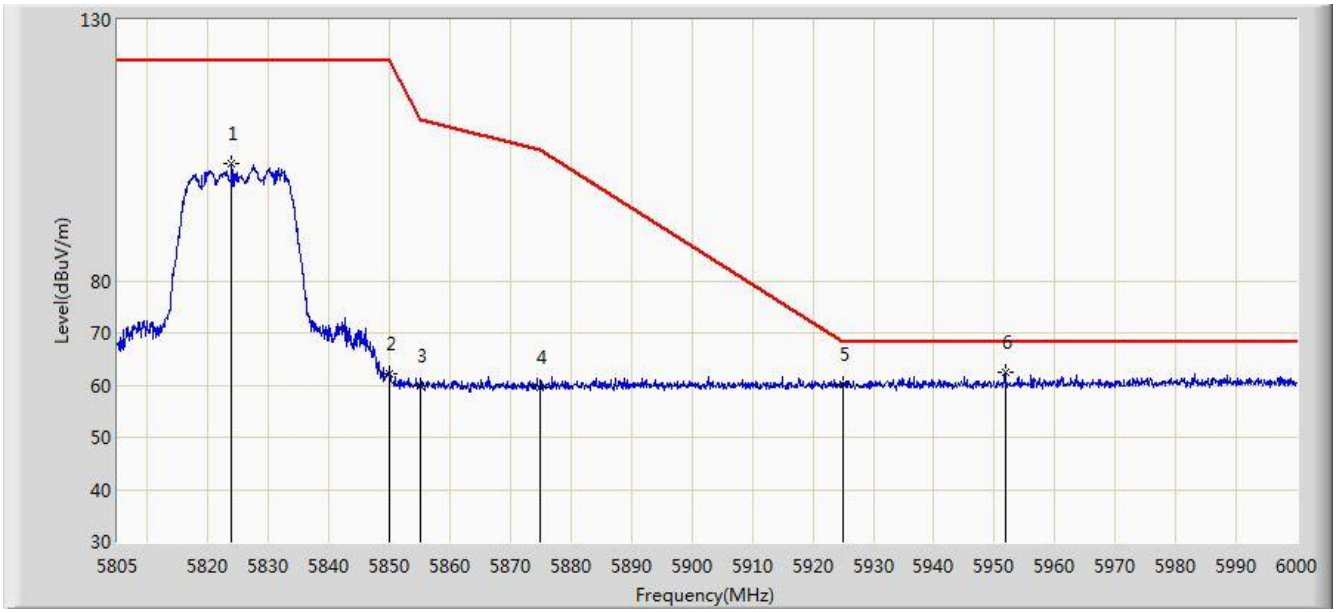


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5632.917	63.259	58.642	-4.941	68.200	4.618	PK
2			5650.000	61.140	56.469	-7.060	68.200	4.671	PK
3			5700.000	62.659	57.781	-42.541	105.200	4.878	PK
4			5720.000	78.351	73.354	-32.449	110.800	4.997	PK
5			5725.000	83.330	78.301	-38.870	122.200	5.029	PK
6		*	5743.962	120.338	115.189	N/A	N/A	5.149	PK

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

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

Site: AC1	Time: 2018/06/22 - 04:23
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 0 + 1 + 2 + 3	

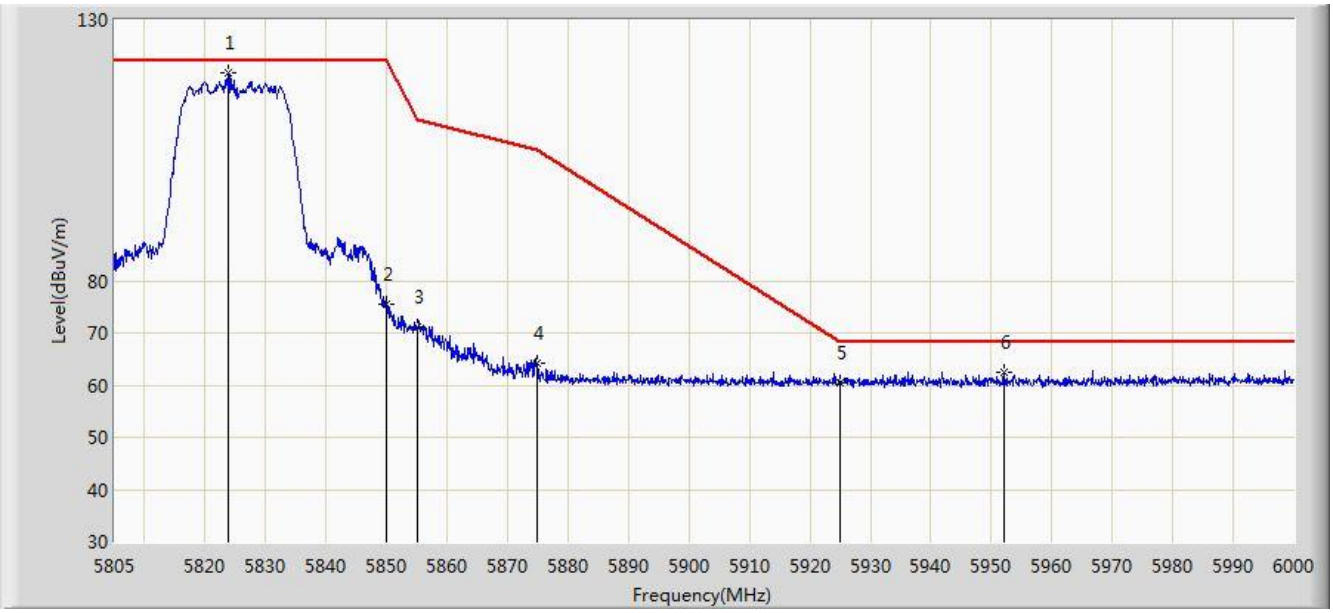


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5823.915	102.407	96.825	N/A	N/A	5.581	PK
2			5850.000	62.086	56.360	-60.114	122.200	5.726	PK
3			5855.000	59.932	54.186	-50.868	110.800	5.746	PK
4			5875.000	59.672	53.852	-45.528	105.200	5.820	PK
5			5925.000	60.142	54.176	-8.058	68.200	5.967	PK
6		*	5951.835	62.476	56.446	-5.724	68.200	6.030	PK

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

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

Site: AC1	Time: 2018/06/22 - 04:21
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 0 + 1 + 2 + 3	

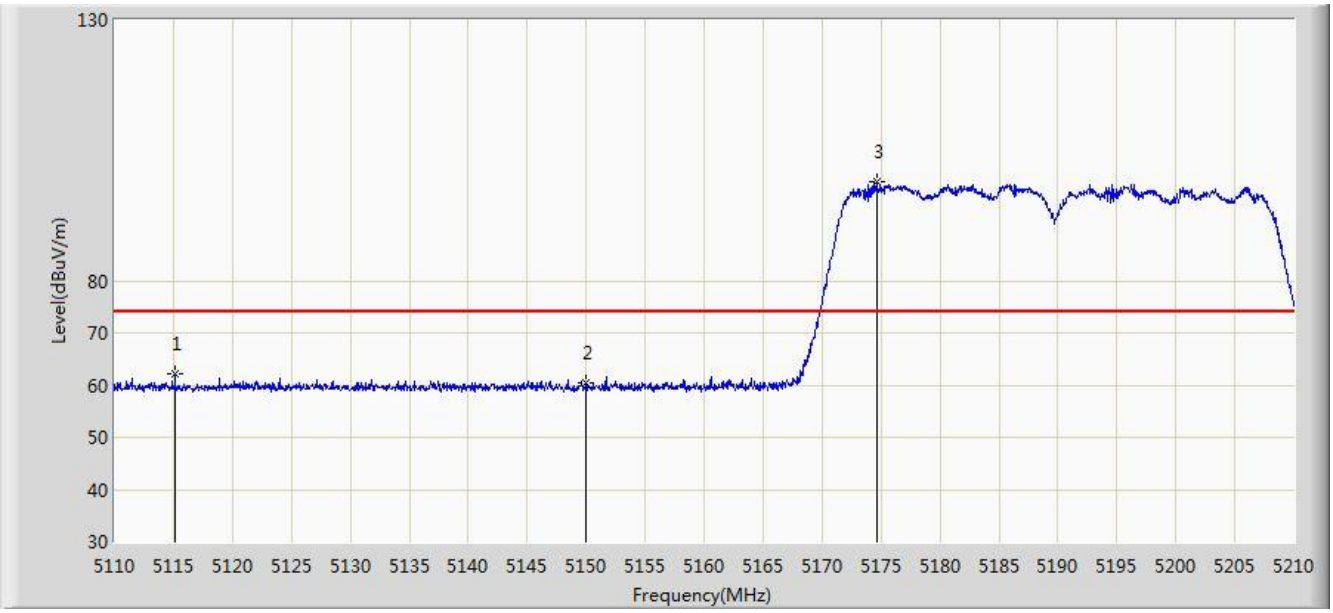


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5823.915	119.964	114.382	N/A	N/A	5.581	PK
2			5850.000	75.380	69.654	-46.820	122.200	5.726	PK
3			5855.000	71.249	65.503	-39.551	110.800	5.746	PK
4			5875.000	64.091	58.271	-41.109	105.200	5.820	PK
5			5925.000	60.563	54.597	-7.637	68.200	5.967	PK
6			5952.030	62.592	56.562	-5.608	68.200	6.030	PK

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

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

Site: AC1	Time: 2018/06/22 - 04:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 0 + 1 + 2 + 3	

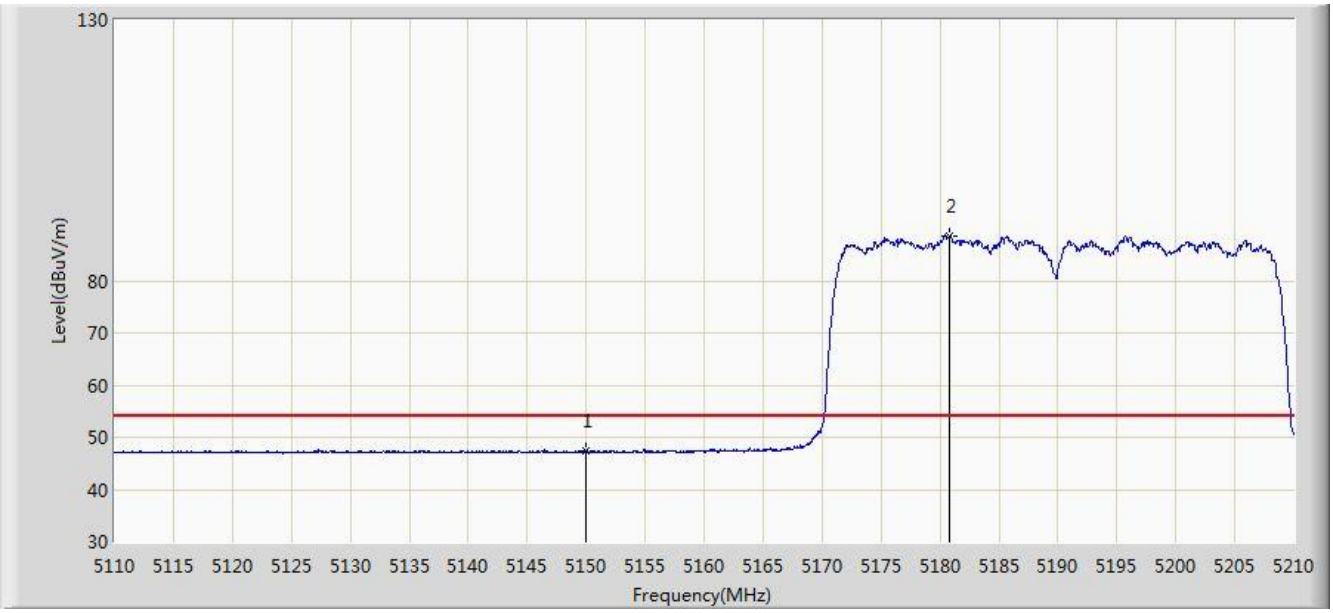


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5115.150	62.261	58.086	-11.739	74.000	4.175	PK
2			5150.000	60.427	56.258	-13.573	74.000	4.170	PK
3		*	5174.650	98.937	94.849	N/A	N/A	4.088	PK

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

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

Site: AC1	Time: 2018/06/22 - 04:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 0 + 1 + 2 + 3	

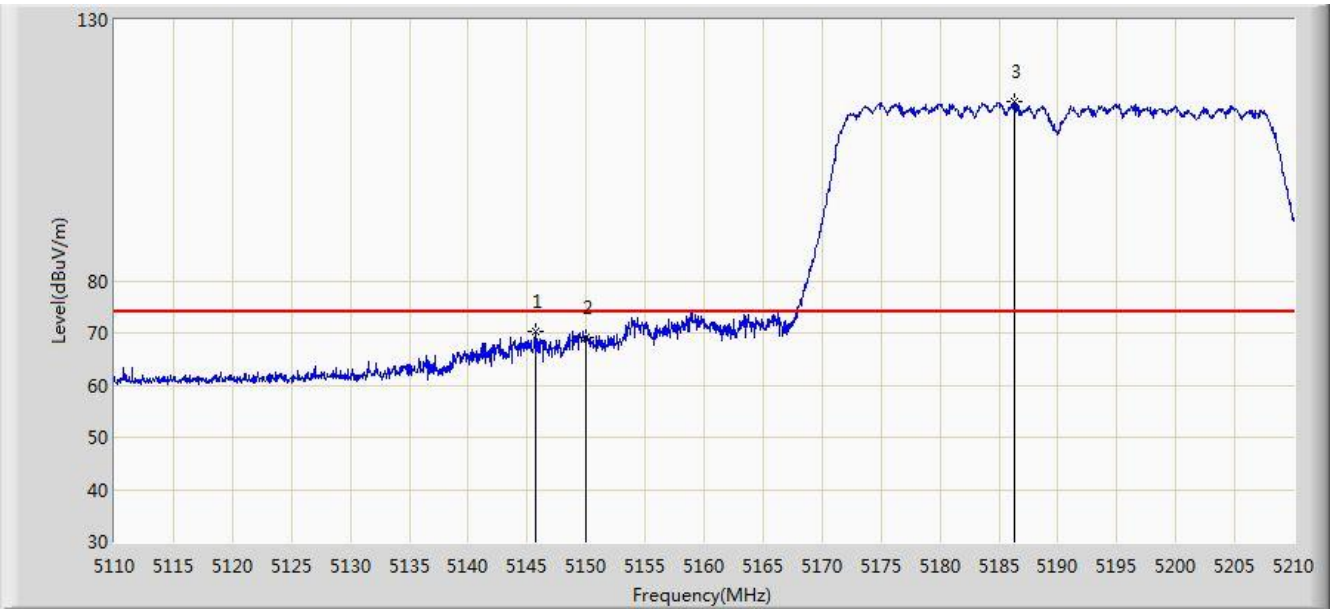


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	47.448	43.279	-6.552	54.000	4.170	AV
2		*	5180.850	88.593	84.527	N/A	N/A	4.066	AV

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

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

Site: AC1	Time: 2018/06/22 - 04:39
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 0 + 1 + 2 + 3	

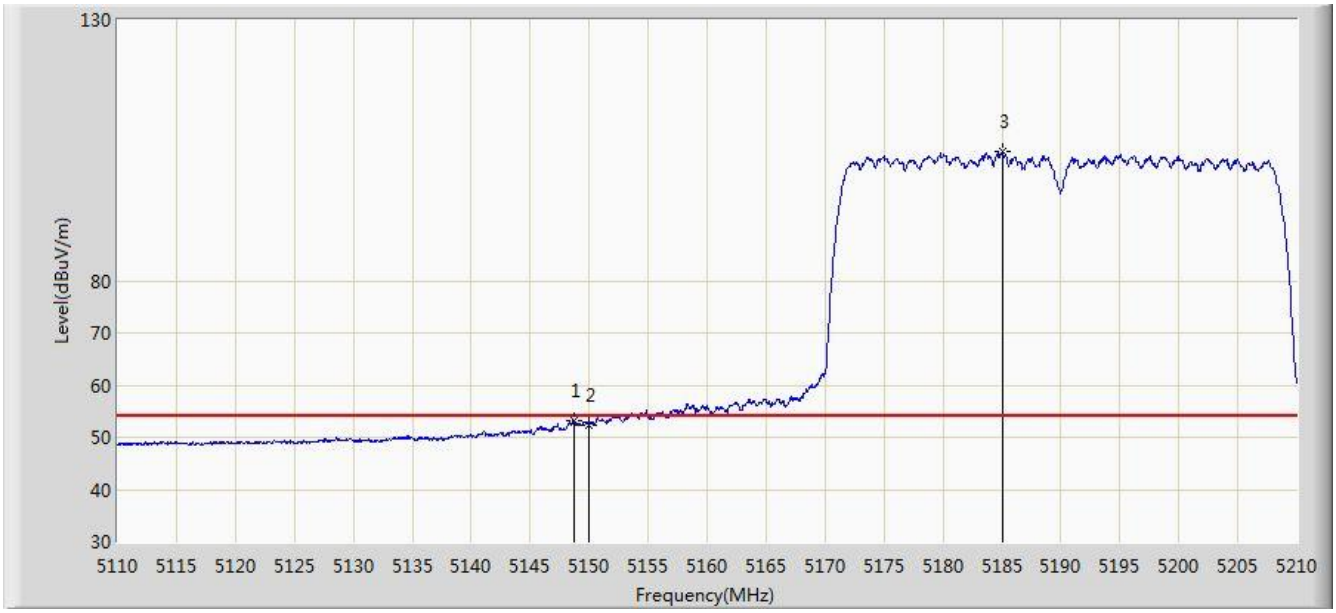


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5145.700	70.236	66.060	-3.764	74.000	4.176	PK
2			5150.000	69.036	64.867	-4.964	74.000	4.170	PK
3		*	5186.350	114.390	110.344	N/A	N/A	4.046	PK

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

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

Site: AC1	Time: 2018/06/22 - 04:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 0 + 1 + 2 + 3	

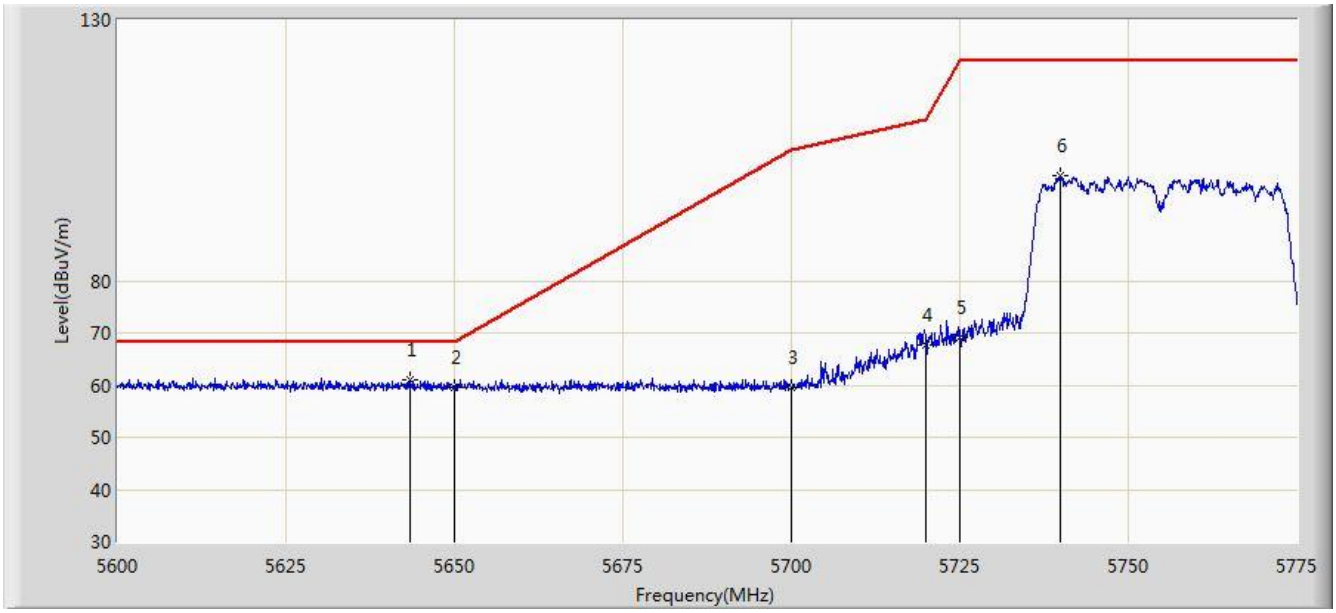


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.700	53.179	49.006	-0.821	54.000	4.174	AV
2			5150.000	52.376	48.207	-1.624	54.000	4.170	AV
3		*	5185.000	104.703	100.652	N/A	N/A	4.052	AV

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

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

Site: AC1	Time: 2018/06/22 - 05:10
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 0 + 1 + 2 + 3	

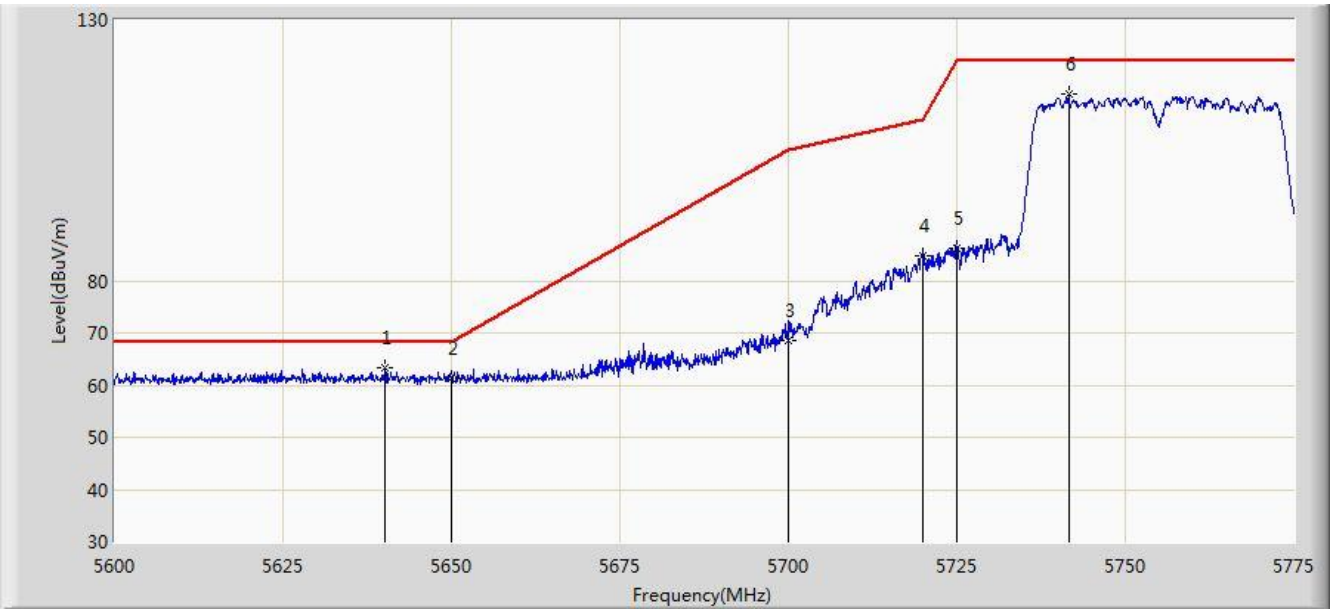


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5643.487	60.983	56.334	-7.217	68.200	4.649	PK
2			5650.000	59.484	54.813	-8.716	68.200	4.671	PK
3			5700.000	59.675	54.797	-45.525	105.200	4.878	PK
4			5720.000	67.796	62.799	-43.004	110.800	4.997	PK
5			5725.000	69.038	64.009	-53.162	122.200	5.029	PK
6			5740.000	100.059	94.934	N/A	N/A	5.125	PK

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

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

Site: AC1	Time: 2018/06/22 - 05:11
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 0 + 1 + 2 + 3	

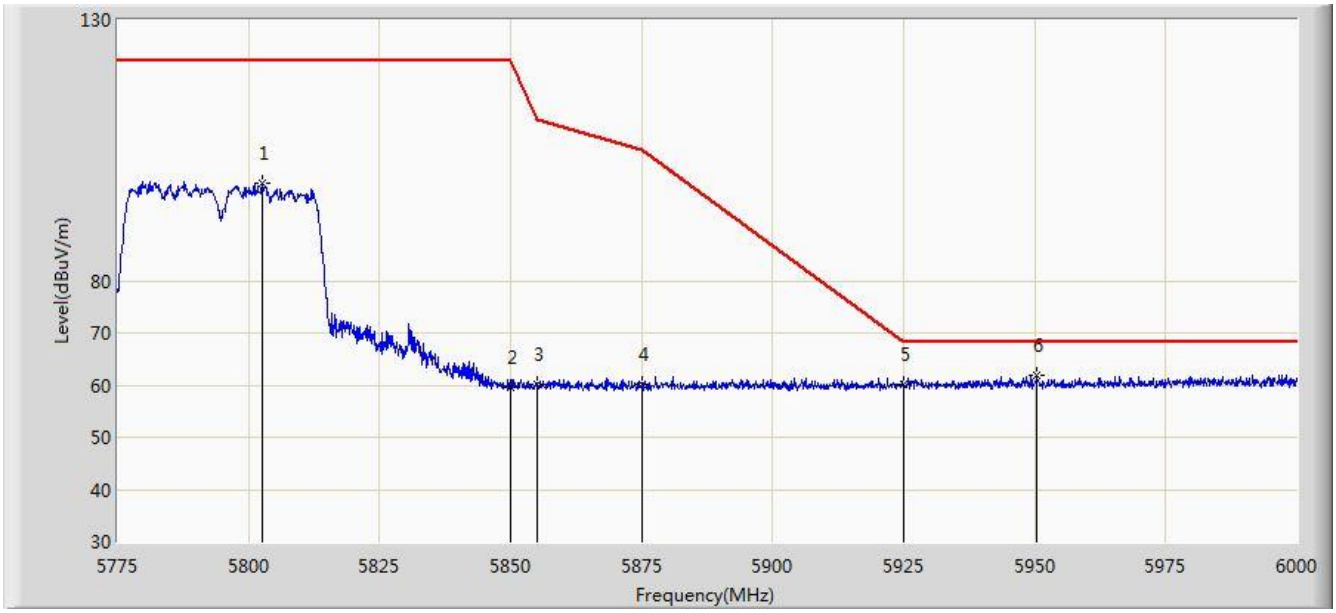


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5640.163	63.303	58.665	-4.897	68.200	4.638	PK
2			5650.000	61.388	56.717	-6.812	68.200	4.671	PK
3			5700.000	68.434	63.556	-36.766	105.200	4.878	PK
4			5720.000	84.673	79.676	-26.127	110.800	4.997	PK
5			5725.000	86.337	81.308	-35.863	122.200	5.029	PK
6			5741.575	115.730	110.595	N/A	N/A	5.135	PK

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

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

Site: AC1	Time: 2018/06/22 - 05:14
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 0 + 1 + 2 + 3	

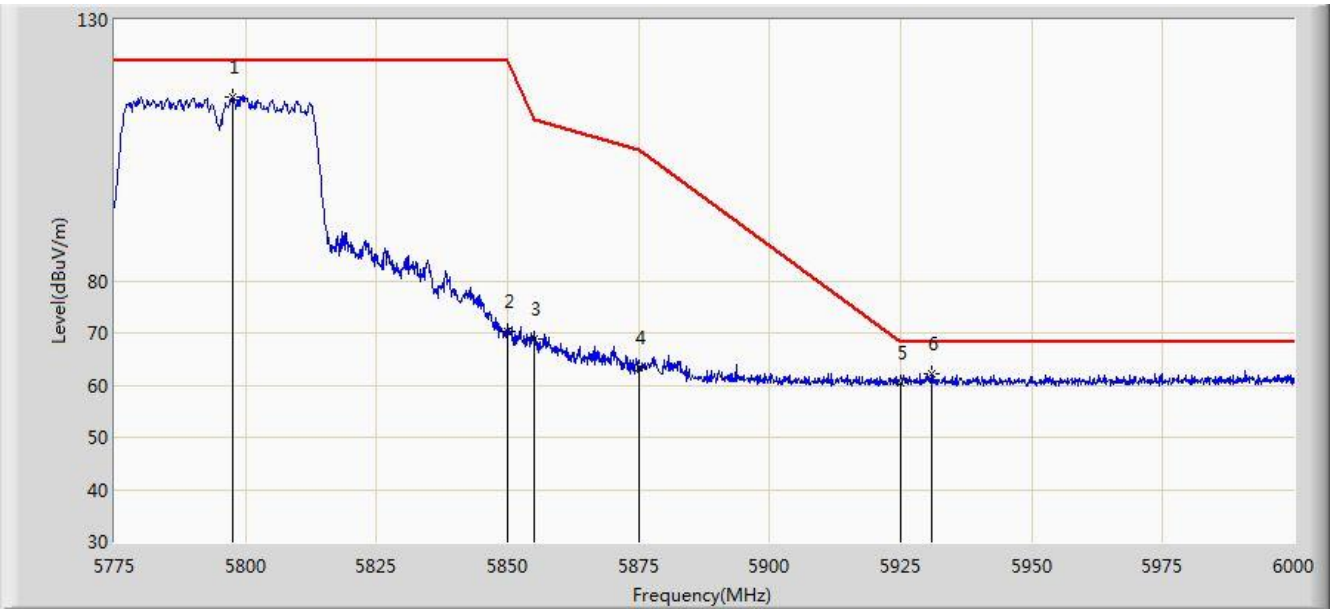


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5802.562	98.763	93.304	N/A	N/A	5.459	PK
2			5850.000	59.624	53.898	-62.576	122.200	5.726	PK
3			5855.000	60.149	54.403	-50.651	110.800	5.746	PK
4			5875.000	60.243	54.423	-44.957	105.200	5.820	PK
5			5925.000	60.082	54.116	-8.118	68.200	5.967	PK
6		*	5950.388	61.879	55.852	-6.321	68.200	6.027	PK

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

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

Site: AC1	Time: 2018/06/22 - 05:12
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 0 + 1 + 2 + 3	

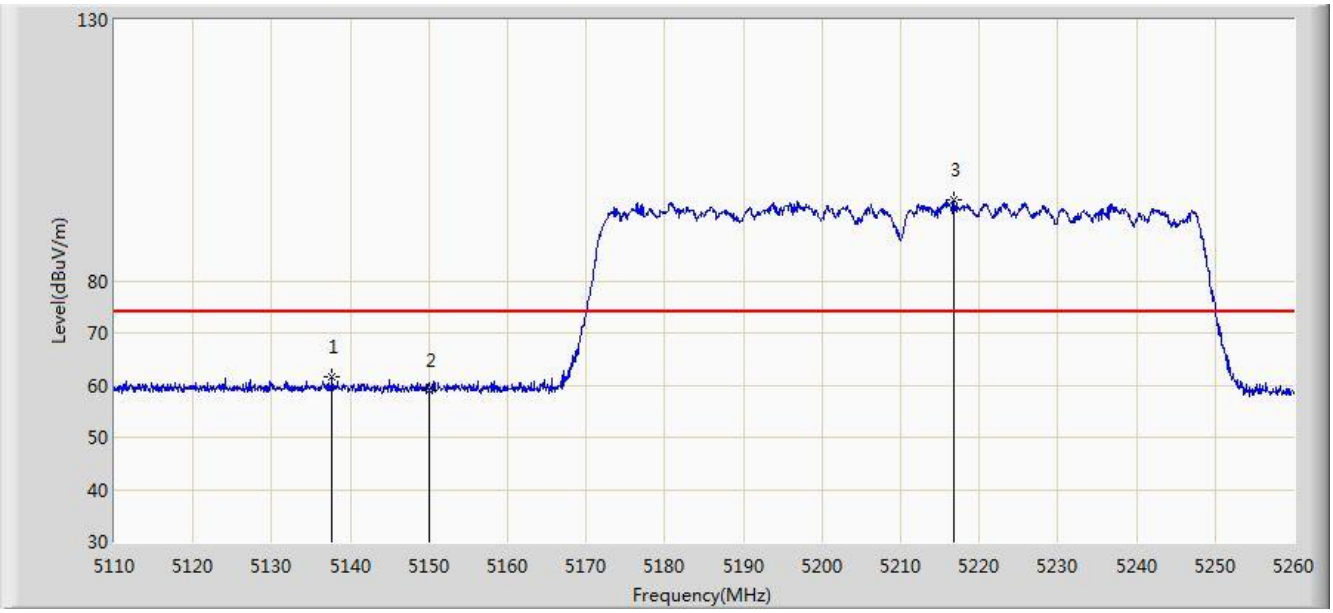


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5797.612	115.343	109.911	N/A	N/A	5.431	PK
2			5850.000	70.377	64.651	-51.823	122.200	5.726	PK
3			5855.000	68.867	63.121	-41.933	110.800	5.746	PK
4			5875.000	63.356	57.536	-41.844	105.200	5.820	PK
5			5925.000	60.436	54.470	-7.764	68.200	5.967	PK
6		*	5930.812	62.247	56.266	-5.953	68.200	5.981	PK

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

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

Site: AC1	Time: 2018/06/22 - 05:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 0 + 1 + 2 + 3	

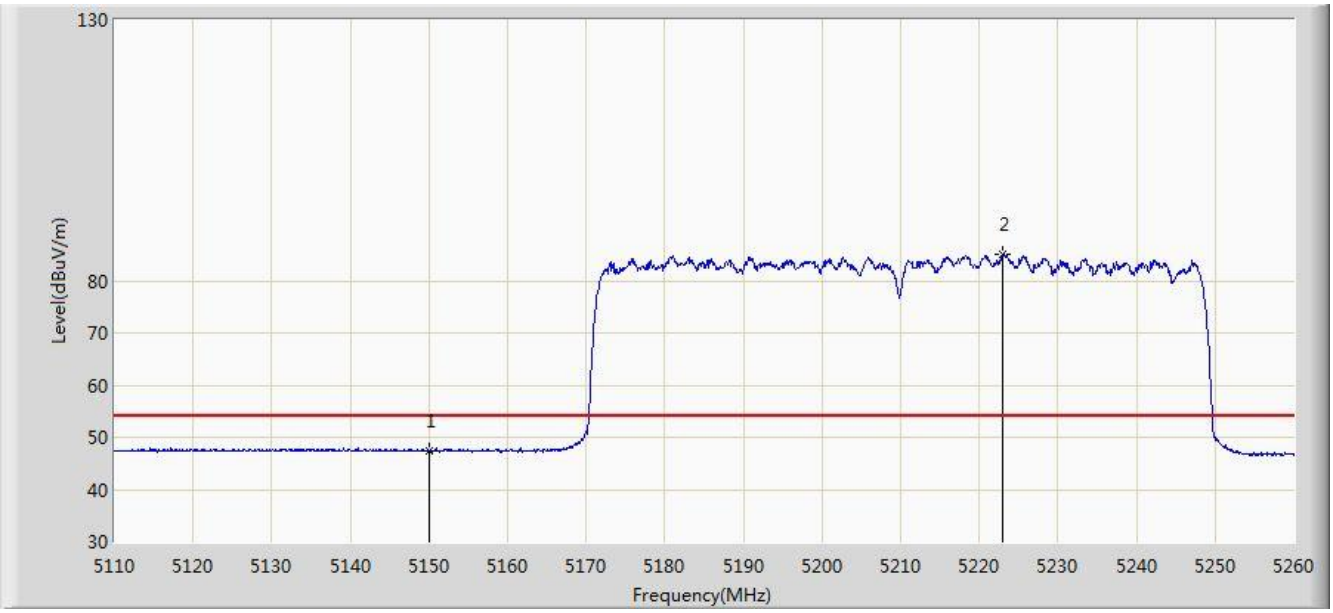


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5137.675	61.501	57.326	-12.499	74.000	4.175	PK
2			5150.000	58.981	54.812	-15.019	74.000	4.170	PK
3		*	5216.800	95.365	91.417	N/A	N/A	3.949	PK

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

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

Site: AC1	Time: 2018/06/22 - 05:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 0 + 1 + 2 + 3	

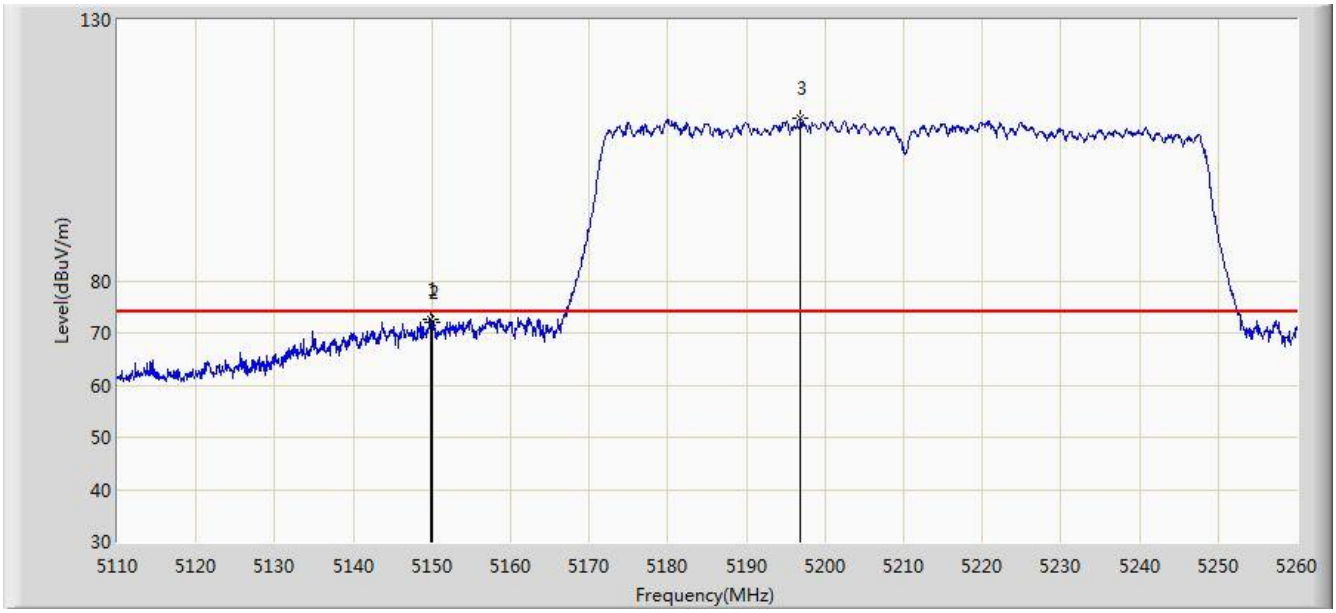


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	47.342	43.173	-6.658	54.000	4.170	AV
2		*	5223.025	85.133	81.203	N/A	N/A	3.931	AV

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

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

Site: AC1	Time: 2018/06/22 - 05:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 0 + 1 + 2 + 3	

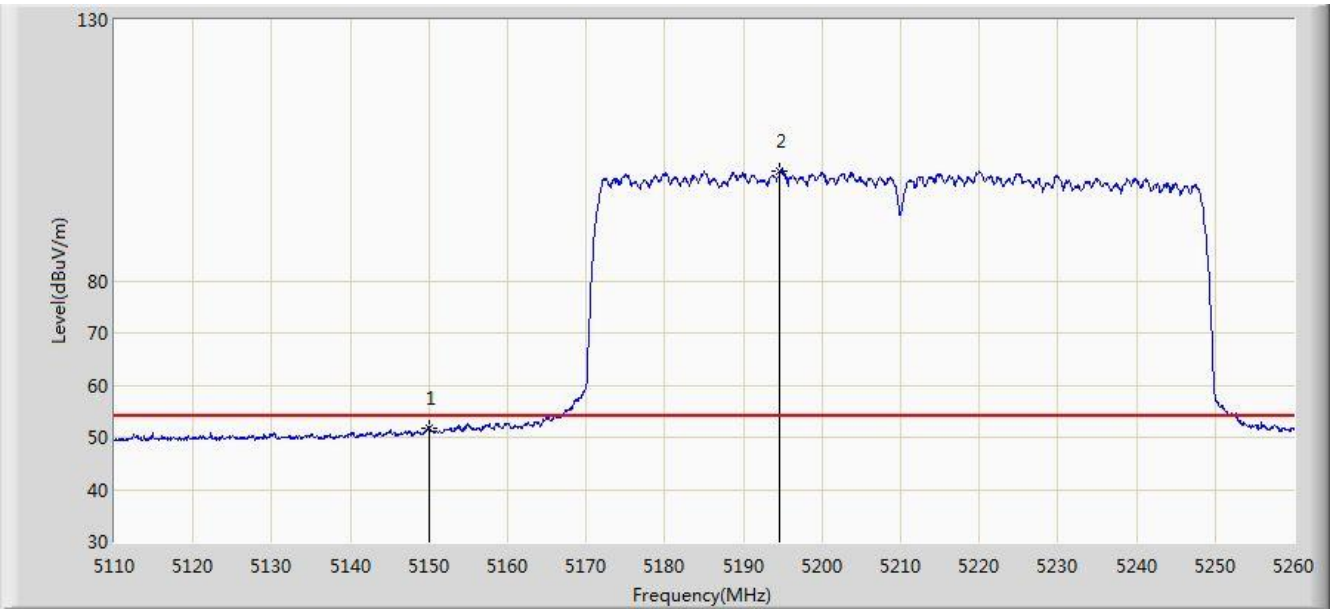


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.900	72.749	68.579	-1.251	74.000	4.170	PK
2			5150.000	71.946	67.777	-2.054	74.000	4.170	PK
3		*	5196.925	111.021	107.012	N/A	N/A	4.009	PK

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

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

Site: AC1	Time: 2018/06/22 - 05:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 0 + 1 + 2 + 3	

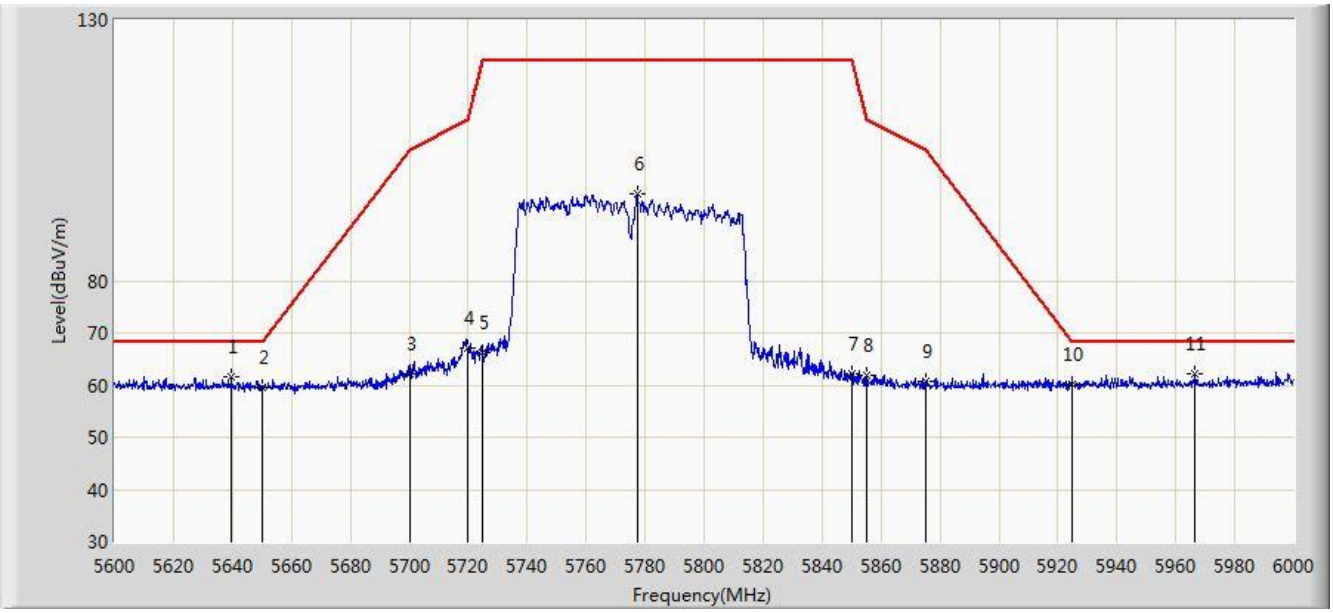


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	51.746	47.577	-2.254	54.000	4.170	AV
2		*	5194.675	101.054	97.037	N/A	N/A	4.017	AV

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

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

Site: AC1	Time: 2018/06/22 - 06:20
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Ant 0 + 1 + 2 + 3	

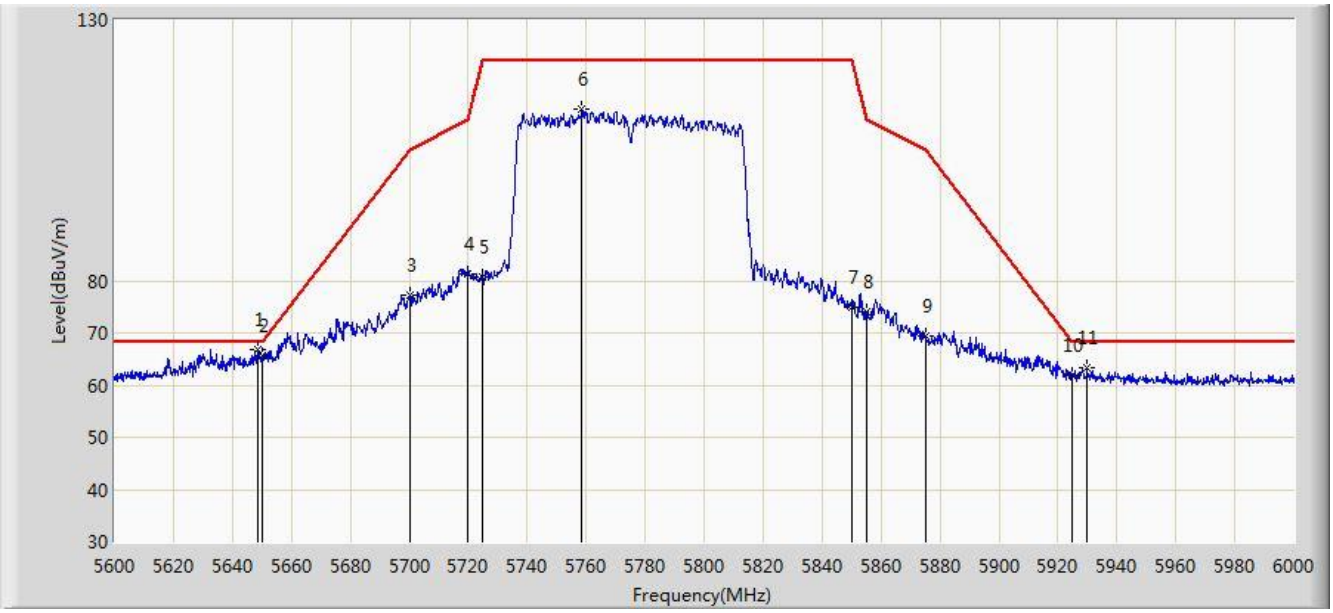


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5639.600	61.594	56.957	-6.606	68.200	4.638	PK
2			5650.000	59.562	54.891	-8.638	68.200	4.671	PK
3			5700.000	62.252	57.374	-42.948	105.200	4.878	PK
4			5720.000	67.070	62.073	-43.730	110.800	4.997	PK
5			5725.000	66.320	61.291	-55.880	122.200	5.029	PK
6			5777.200	96.693	91.366	N/A	N/A	5.328	PK
7			5850.000	62.049	56.323	-60.151	122.200	5.726	PK
8			5855.000	61.885	56.139	-48.915	110.800	5.746	PK
9			5875.000	60.687	54.867	-44.513	105.200	5.820	PK
10			5925.000	60.033	54.067	-8.167	68.200	5.967	PK
11		*	5966.600	62.316	56.261	-5.884	68.200	6.055	PK

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

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

Site: AC1	Time: 2018/06/22 - 06:18
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Ant 0 + 1 + 2 + 3	

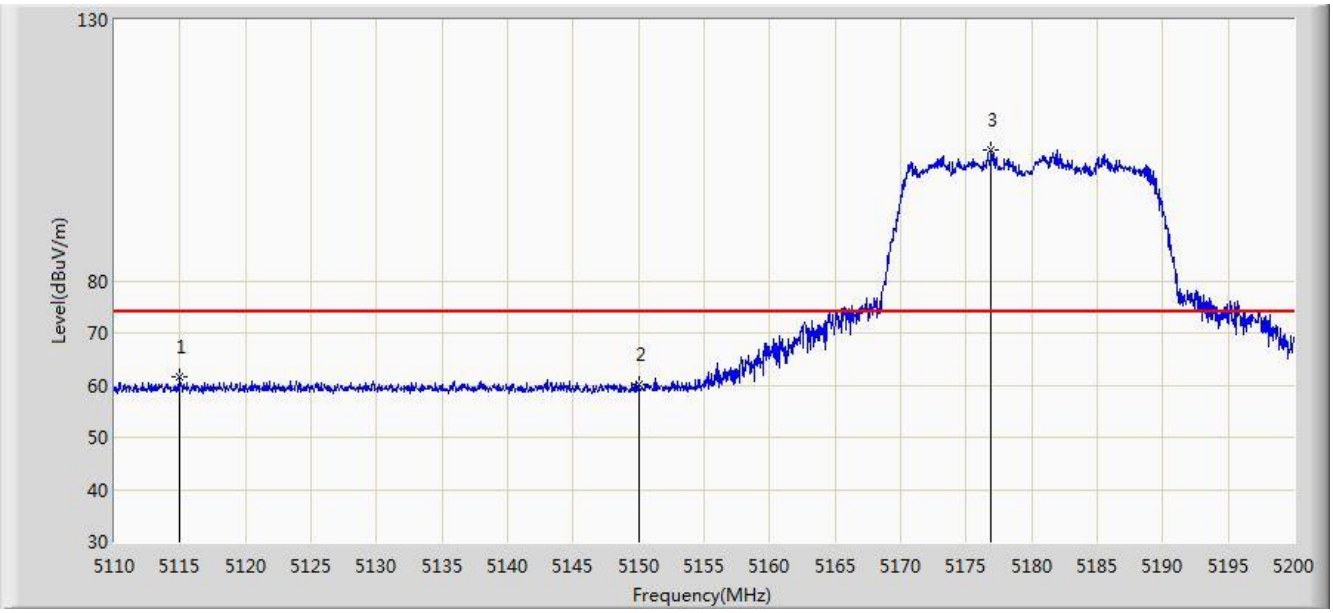


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5648.400	66.925	62.259	-1.275	68.200	4.666	PK
2			5650.000	65.527	60.856	-2.673	68.200	4.671	PK
3			5700.000	77.104	72.226	-28.096	105.200	4.878	PK
4			5720.000	81.421	76.424	-29.379	110.800	4.997	PK
5			5725.000	80.773	75.744	-41.427	122.200	5.029	PK
6			5758.600	112.922	107.690	N/A	N/A	5.232	PK
7			5850.000	74.833	69.107	-47.367	122.200	5.726	PK
8			5855.000	74.075	68.329	-36.725	110.800	5.746	PK
9			5875.000	69.417	63.597	-35.783	105.200	5.820	PK
10			5925.000	61.855	55.889	-6.345	68.200	5.967	PK
11			5929.800	63.224	57.246	-4.976	68.200	5.979	PK

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

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

Site: AC1	Time: 2018/06/22 - 06:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at Channel 5180MHz Ant 0 + 1 + 2 + 3	

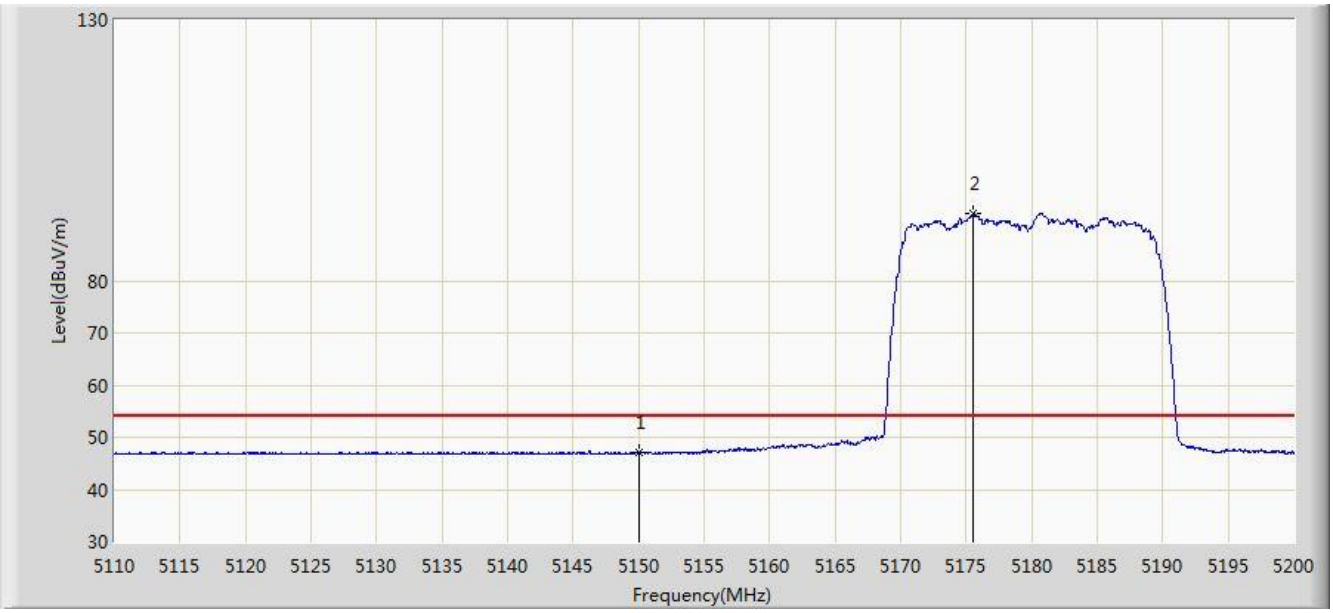


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5114.995	61.463	57.288	-12.537	74.000	4.174	PK
2			5150.000	60.125	55.956	-13.875	74.000	4.170	PK
3		*	5176.915	104.999	100.919	N/A	N/A	4.080	PK

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

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

Site: AC1	Time: 2018/06/22 - 06:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at Channel 5180MHz Ant 0 + 1 + 2 + 3	

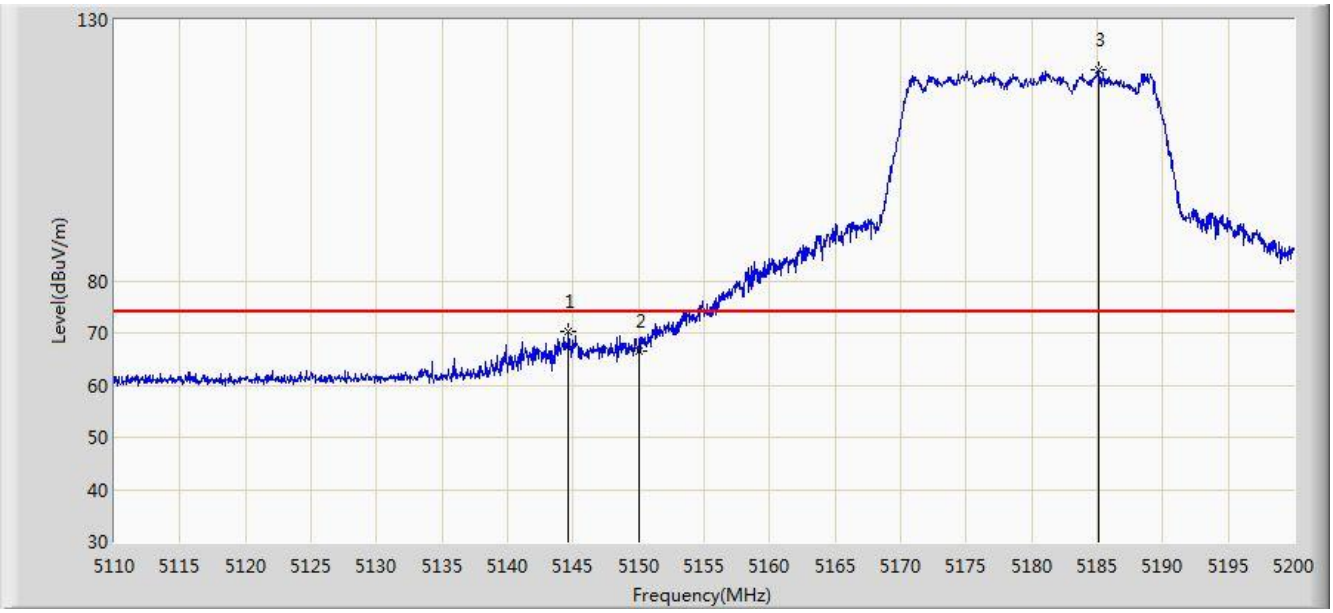


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	46.975	42.806	-7.025	54.000	4.170	AV
2		*	5175.520	92.911	88.826	N/A	N/A	4.084	AV

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

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

Site: AC1	Time: 2018/06/22 - 06:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at Channel 5180MHz Ant 0 + 1 + 2 + 3	

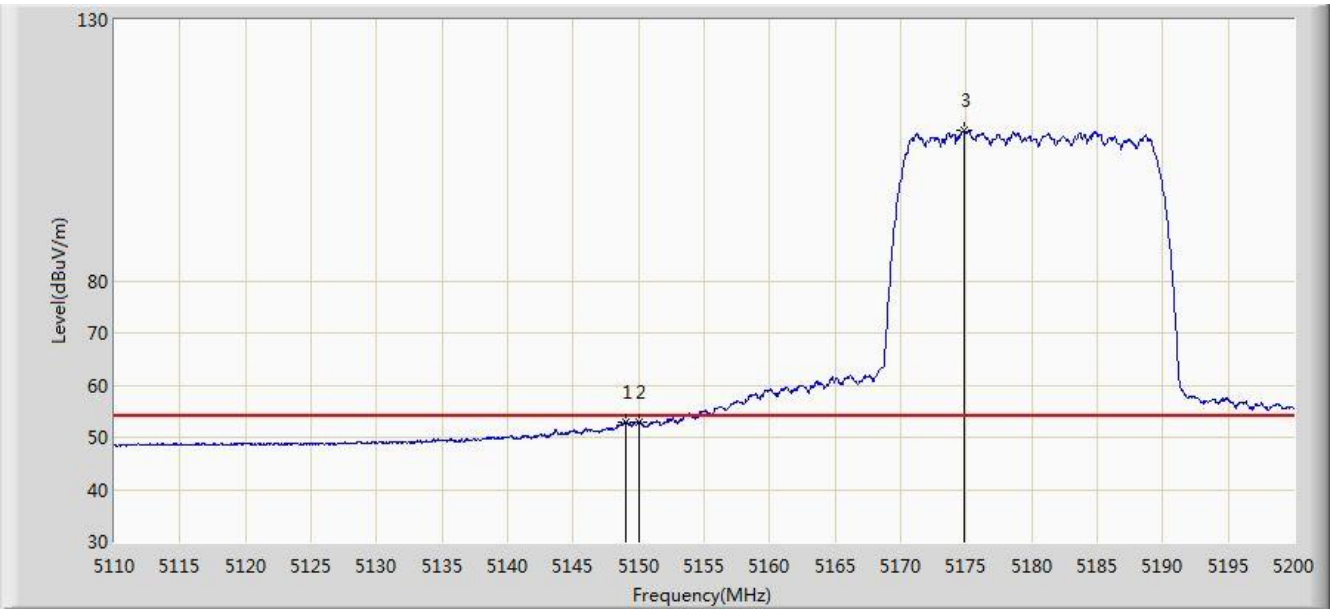


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5144.650	70.228	66.052	-3.772	74.000	4.176	PK
2			5150.000	66.569	62.400	-7.431	74.000	4.170	PK
3		*	5185.105	120.576	116.525	N/A	N/A	4.050	PK

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

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

Site: AC1	Time: 2018/06/22 - 06:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at Channel 5180MHz Ant 0 + 1 + 2 + 3	

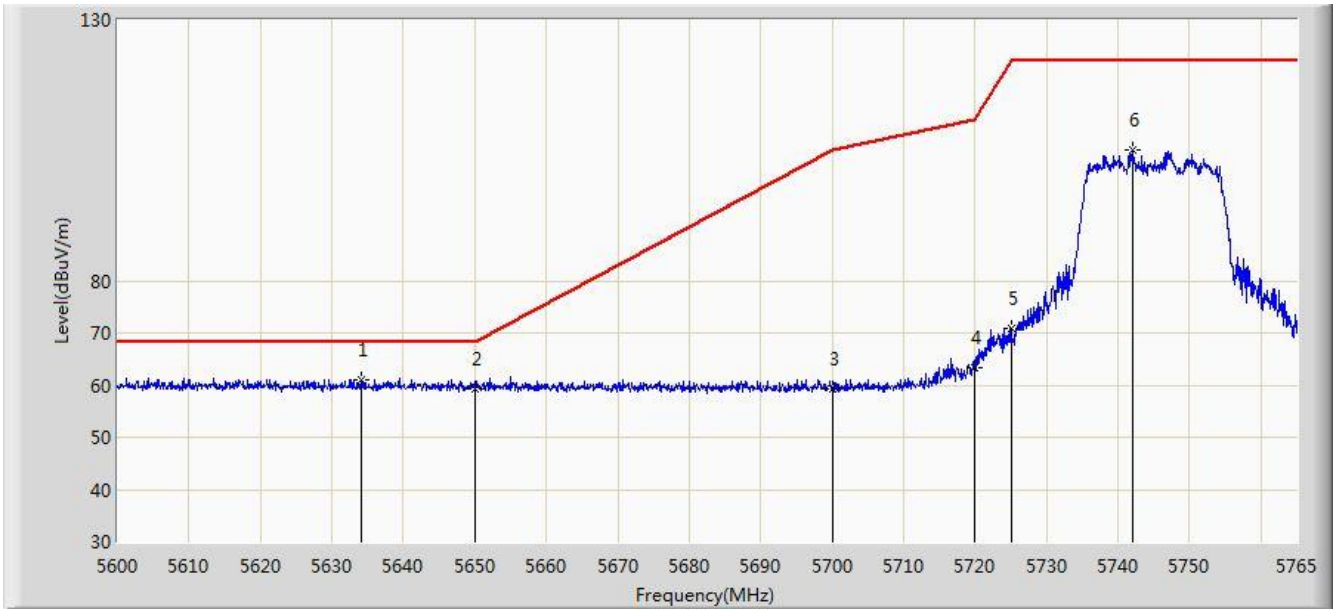


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.970	53.042	48.869	-0.958	54.000	4.173	AV
2			5150.000	52.971	48.802	-1.029	54.000	4.170	AV
3	X	*	5174.890	108.847	104.760	N/A	N/A	4.087	AV

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

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

Site: AC1	Time: 2018/06/22 - 07:24
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at Channel 5745MHz Ant 0 + 1 + 2 + 3	

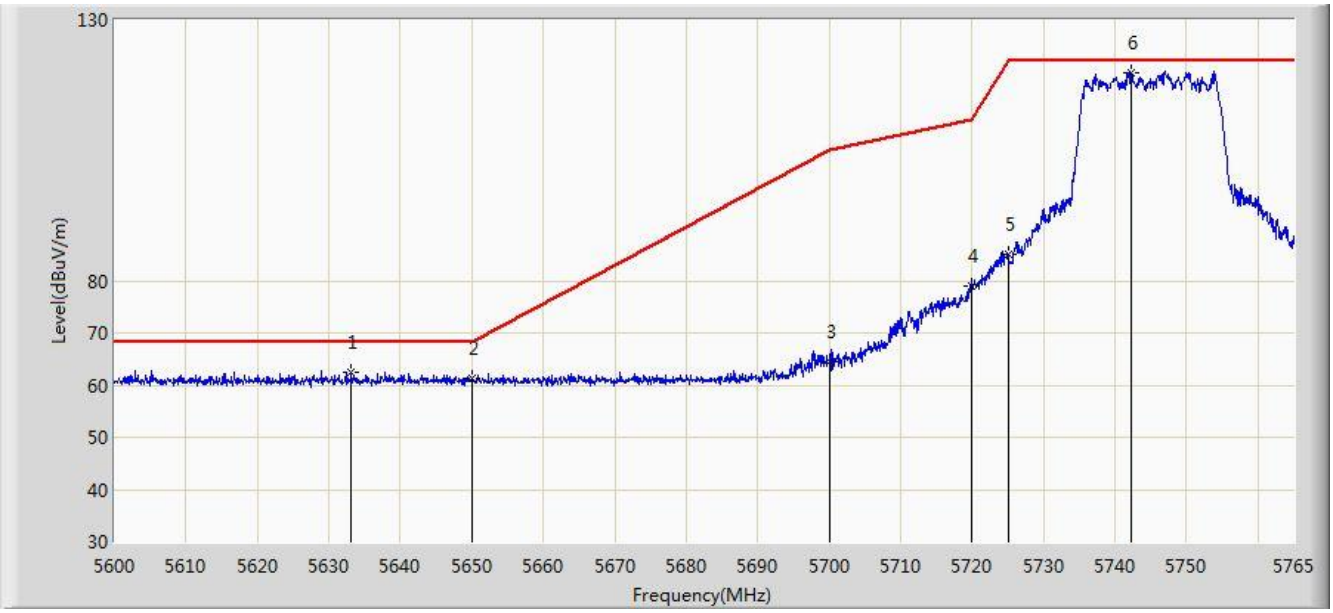


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5634.155	60.925	56.304	-7.275	68.200	4.621	PK
2			5650.000	59.327	54.656	-8.873	68.200	4.671	PK
3			5700.000	59.284	54.406	-45.916	105.200	4.878	PK
4			5720.000	63.439	58.442	-47.361	110.800	4.997	PK
5			5725.000	70.789	65.760	-51.411	122.200	5.029	PK
6			5742.147	105.174	100.036	N/A	N/A	5.138	PK

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

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

Site: AC1	Time: 2018/06/22 - 07:26
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at Channel 5745MHz Ant 0 + 1 + 2 + 3	

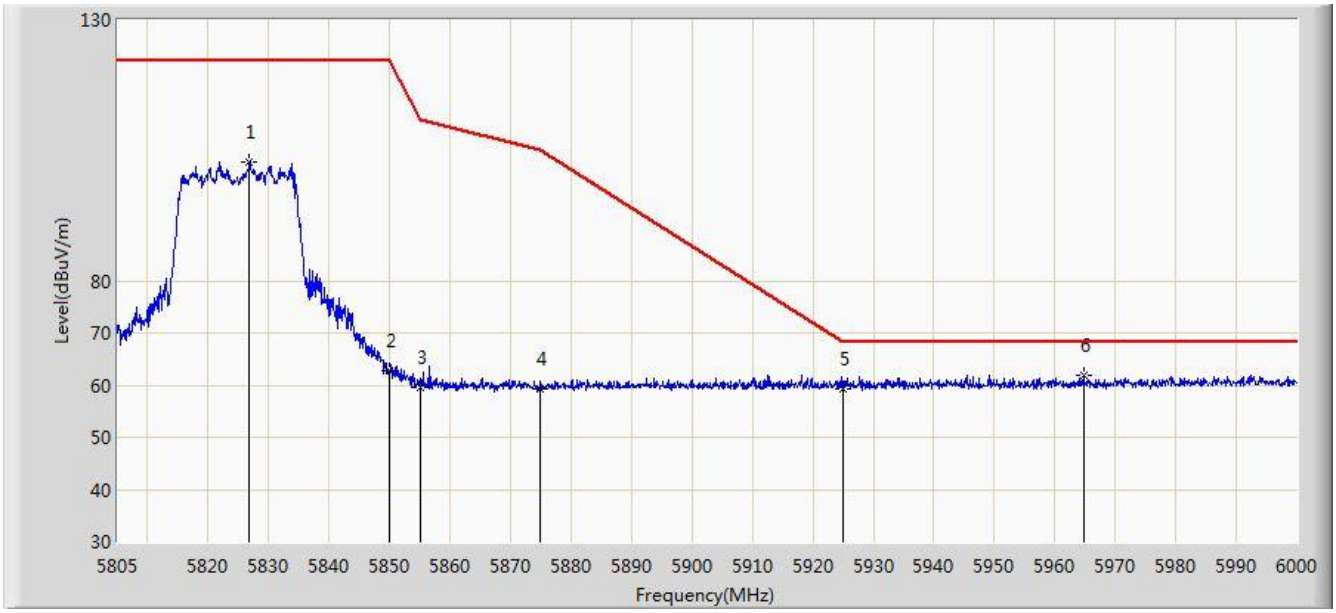


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5633.083	62.360	57.742	-5.840	68.200	4.618	PK
2			5650.000	61.395	56.724	-6.805	68.200	4.671	PK
3			5700.000	64.370	59.492	-40.830	105.200	4.878	PK
4			5720.000	79.010	74.013	-31.790	110.800	4.997	PK
5			5725.000	85.074	80.045	-37.126	122.200	5.029	PK
6		*	5742.312	119.936	114.797	N/A	N/A	5.139	PK

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

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

Site: AC1	Time: 2018/06/22 - 07:29
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at Channel 5825MHz Ant 0 + 1 + 2 + 3	

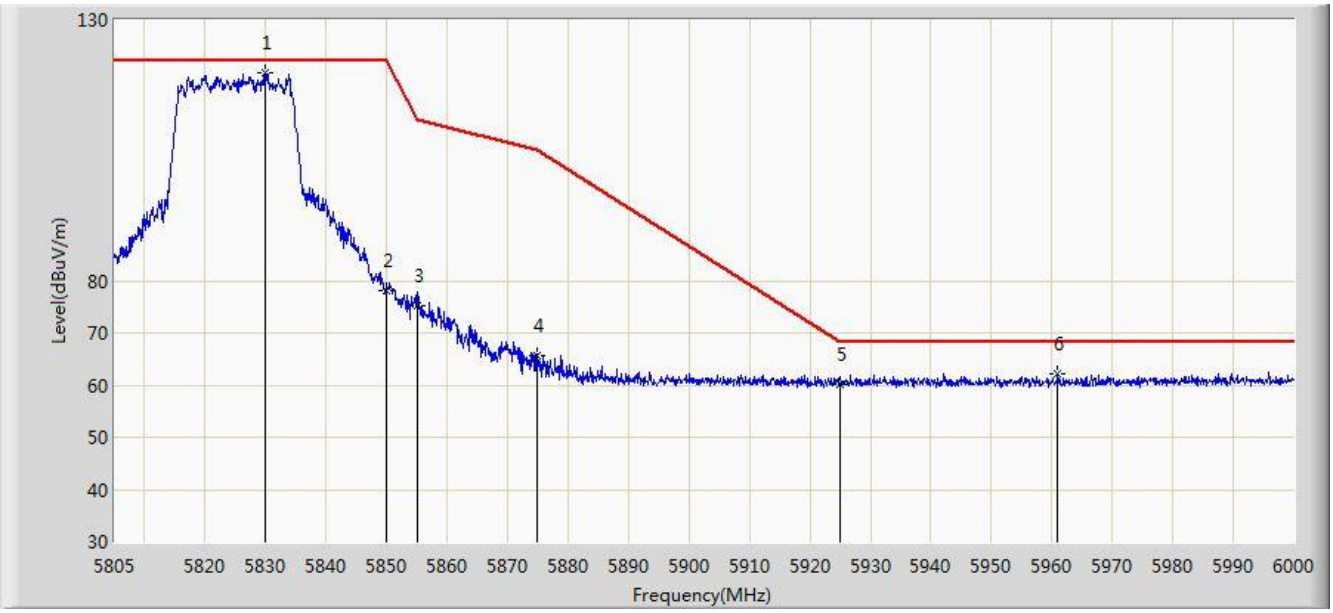


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5826.840	102.772	97.173	N/A	N/A	5.599	PK
2			5850.000	62.735	57.009	-59.465	122.200	5.726	PK
3			5855.000	59.696	53.950	-51.104	110.800	5.746	PK
4			5875.000	59.266	53.446	-45.934	105.200	5.820	PK
5			5925.000	59.374	53.408	-8.826	68.200	5.967	PK
6		*	5964.705	61.879	55.827	-6.321	68.200	6.053	PK

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

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

Site: AC1	Time: 2018/06/22 - 07:27
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at Channel 5825MHz Ant 0 + 1 + 2 + 3	

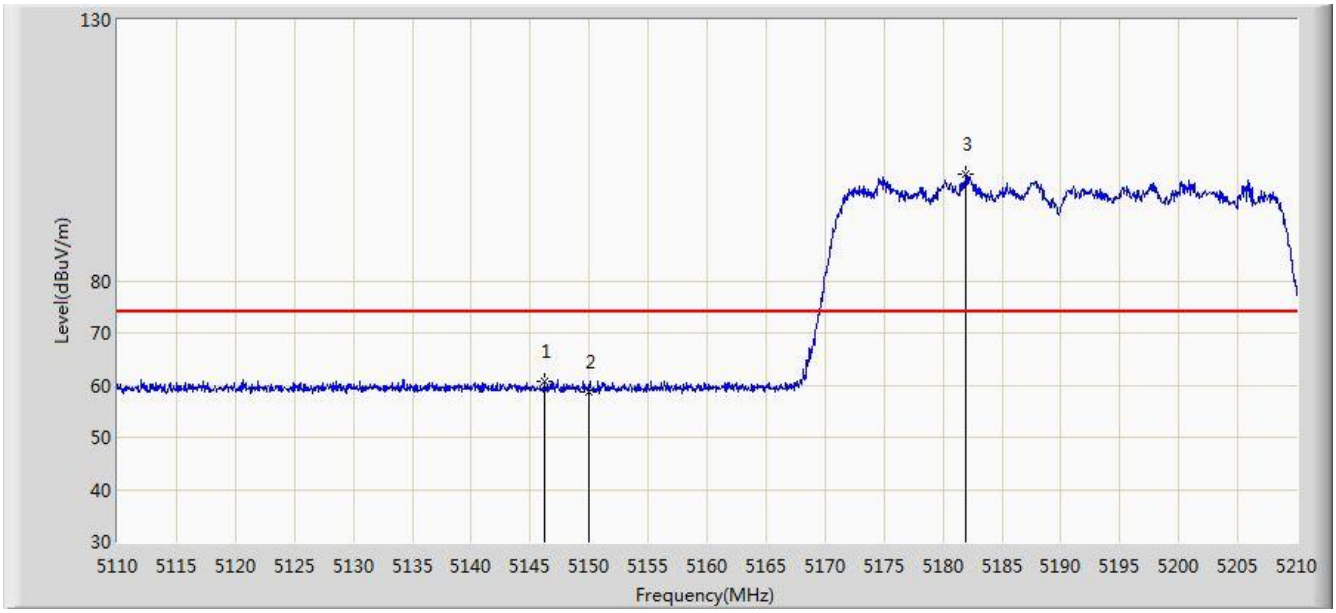


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5829.862	119.759	114.143	N/A	N/A	5.616	PK
2			5850.000	78.211	72.485	-43.989	122.200	5.726	PK
3			5855.000	75.185	69.439	-35.615	110.800	5.746	PK
4			5875.000	65.794	59.974	-39.406	105.200	5.820	PK
5			5925.000	60.039	54.073	-8.161	68.200	5.967	PK
6			5961.000	62.162	56.116	-6.038	68.200	6.045	PK

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

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

Site: AC1	Time: 2018/06/22 - 07:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at Channel 5190MHz Ant 0 + 1 + 2 + 3	

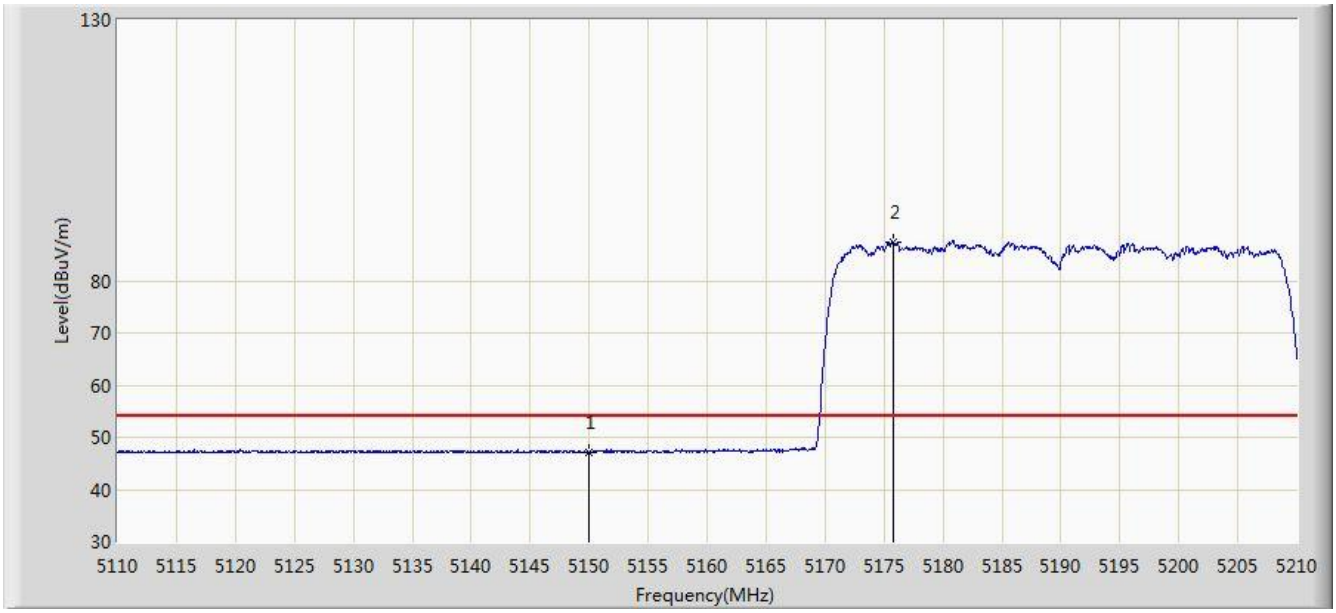


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5146.200	60.649	56.473	-13.351	74.000	4.175	PK
2			5150.000	58.802	54.633	-15.198	74.000	4.170	PK
3		*	5181.900	100.312	96.250	N/A	N/A	4.062	PK

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

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

Site: AC1	Time: 2018/06/22 - 07:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at Channel 5190MHz Ant 0 + 1 + 2 + 3	

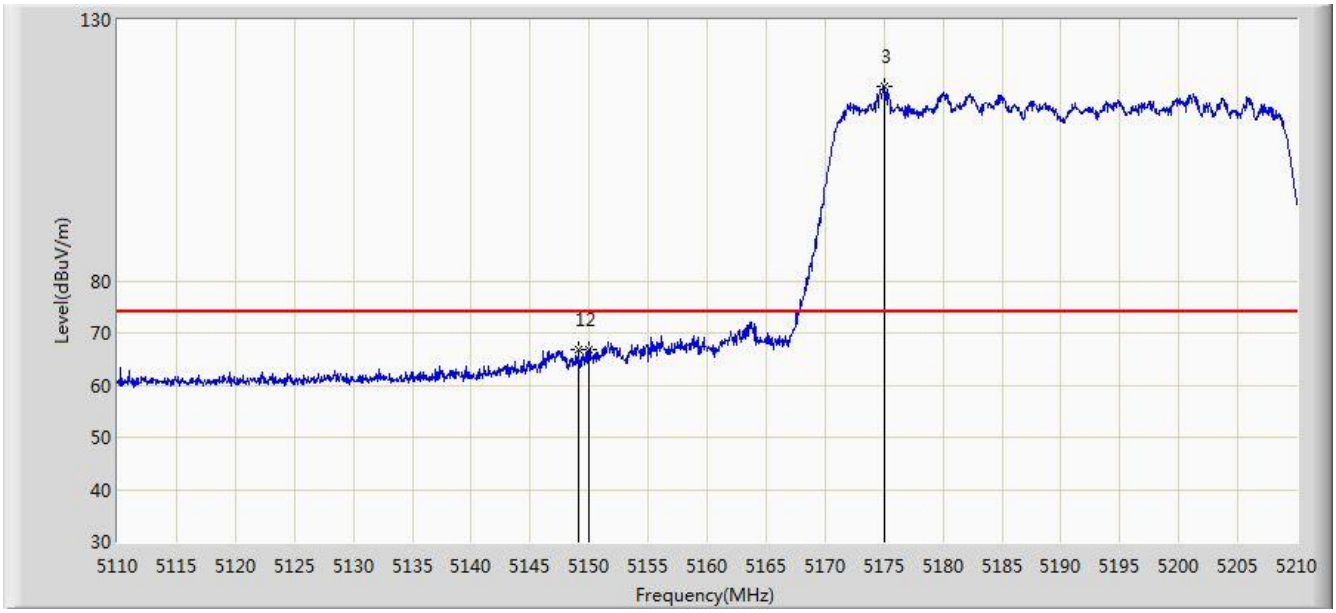


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	47.145	42.976	-6.855	54.000	4.170	AV
2		*	5175.750	87.371	83.287	N/A	N/A	4.084	AV

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

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

Site: AC1	Time: 2018/06/22 - 07:48
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at Channel 5190MHz Ant 0 + 1 + 2 + 3	

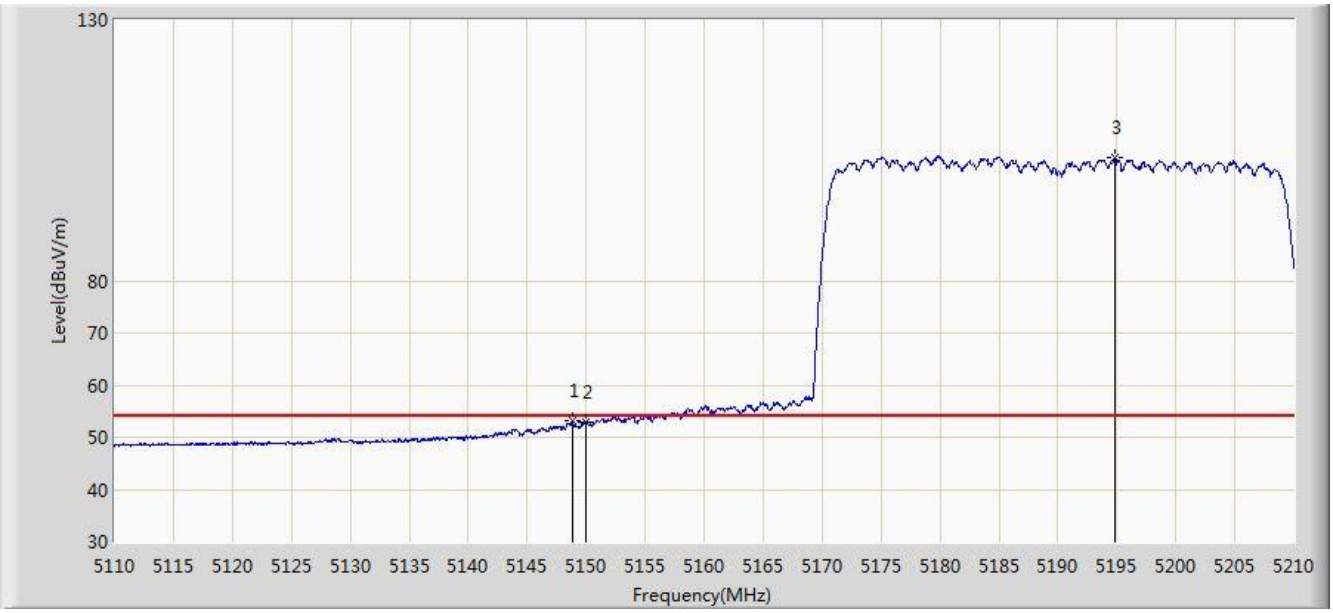


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.050	66.757	62.585	-7.243	74.000	4.173	PK
2			5150.000	66.813	62.644	-7.187	74.000	4.170	PK
3		*	5175.000	117.241	113.154	N/A	N/A	4.087	PK

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

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

Site: AC1	Time: 2018/06/22 - 07:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at Channel 5190MHz Ant 0 + 1 + 2 + 3	

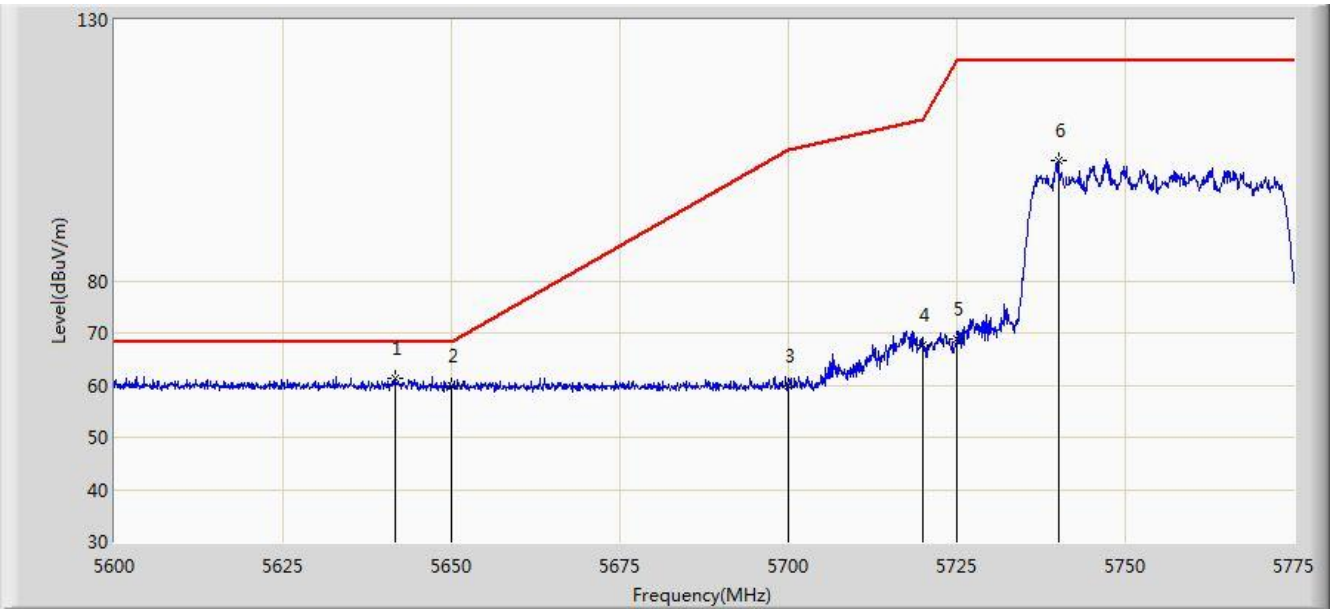


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.850	53.114	48.941	-0.886	54.000	4.173	AV
2			5150.000	52.758	48.589	-1.242	54.000	4.170	AV
3		*	5194.800	103.556	99.540	N/A	N/A	4.016	AV

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

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

Site: AC1	Time: 2018/06/22 - 08:13
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at Channel 5755MHz Ant 0 + 1 + 2 + 3	

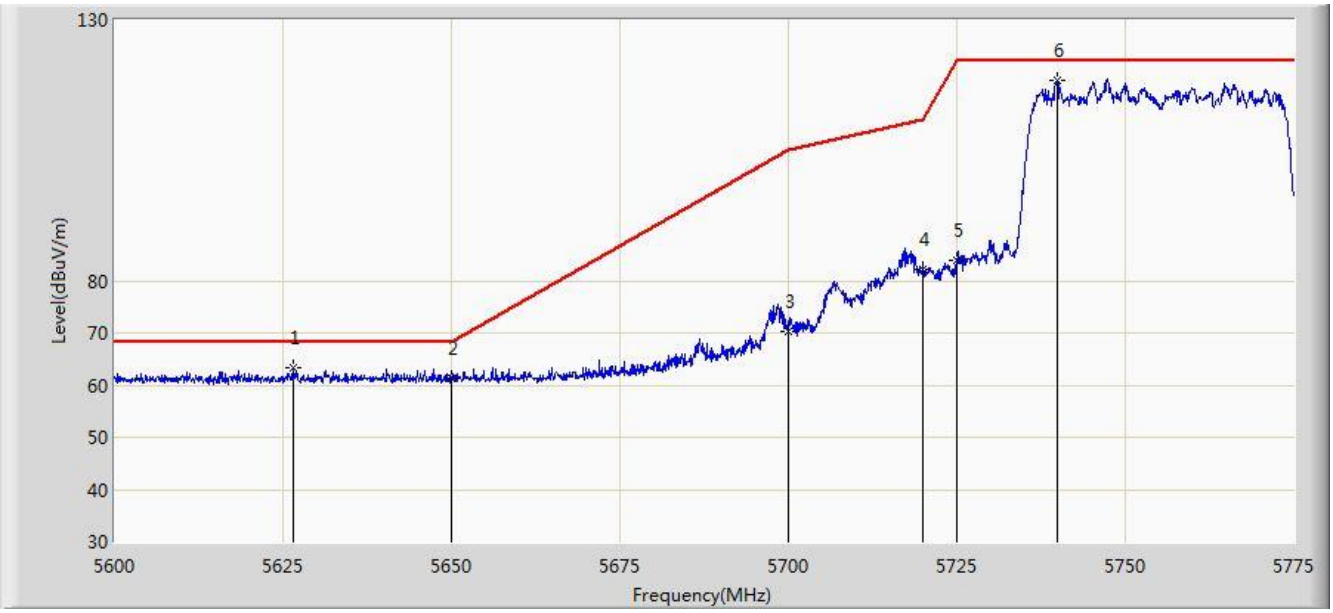


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5641.650	61.245	56.602	-6.955	68.200	4.643	PK
2			5650.000	59.768	55.097	-8.432	68.200	4.671	PK
3			5700.000	59.849	54.971	-45.351	105.200	4.878	PK
4			5720.000	67.620	62.623	-43.180	110.800	4.997	PK
5			5725.000	68.817	63.788	-53.383	122.200	5.029	PK
6			5740.087	103.027	97.902	N/A	N/A	5.125	PK

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

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

Site: AC1	Time: 2018/06/22 - 08:15
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at Channel 5755MHz Ant 0 + 1 + 2 + 3	

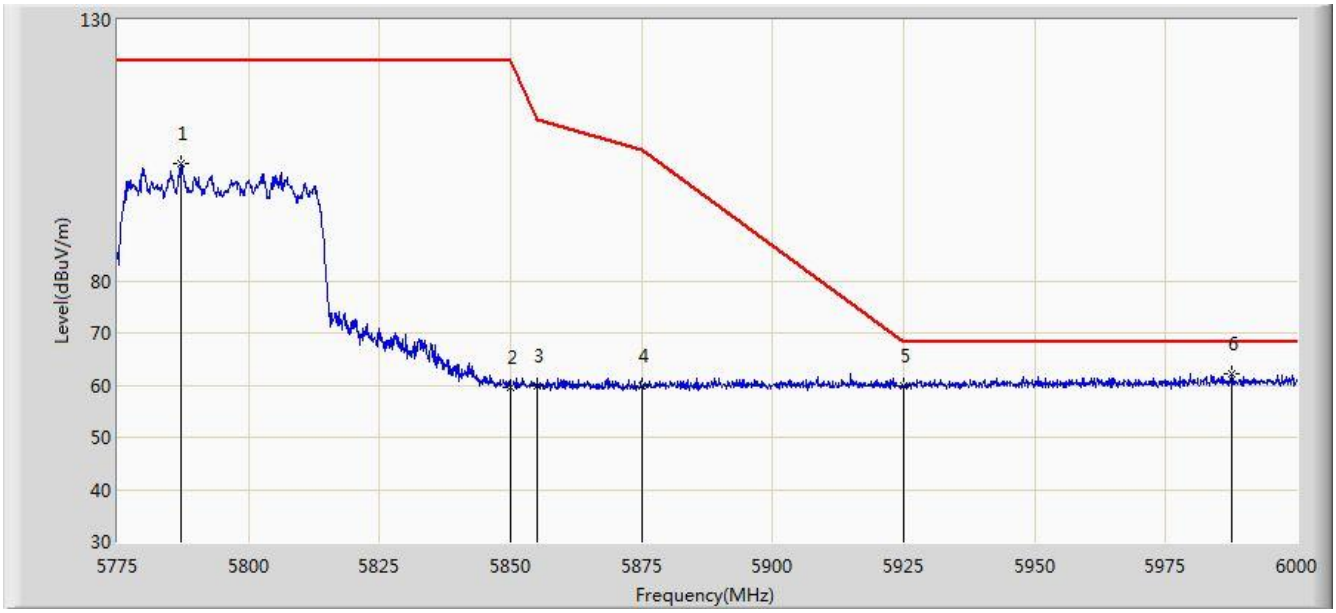


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5626.513	63.359	58.760	-4.841	68.200	4.599	PK
2			5650.000	61.234	56.563	-6.966	68.200	4.671	PK
3			5700.000	70.396	65.518	-34.804	105.200	4.878	PK
4			5720.000	82.161	77.164	-28.639	110.800	4.997	PK
5			5725.000	83.973	78.944	-38.227	122.200	5.029	PK
6		*	5739.913	118.417	113.293	N/A	N/A	5.123	PK

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

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

Site: AC1	Time: 2018/06/22 - 08:17
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at Channel 5795MHz Ant 0 + 1 + 2 + 3	

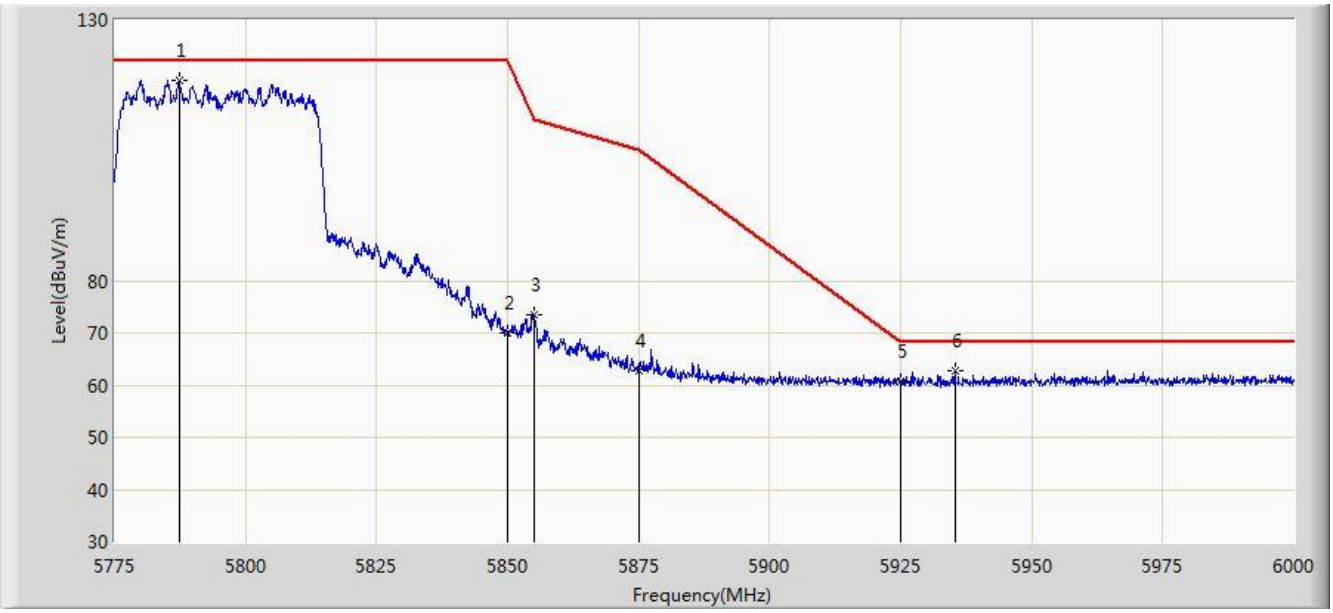


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5787.150	102.345	96.968	N/A	N/A	5.378	PK
2			5850.000	59.638	53.912	-62.562	122.200	5.726	PK
3			5855.000	59.873	54.127	-50.927	110.800	5.746	PK
4			5875.000	59.764	53.944	-45.436	105.200	5.820	PK
5			5925.000	59.721	53.755	-8.479	68.200	5.967	PK
6		*	5987.625	62.310	56.220	-5.890	68.200	6.090	PK

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

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

Site: AC1	Time: 2018/06/22 - 08:16
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at Channel 5795MHz Ant 0 + 1 + 2 + 3	

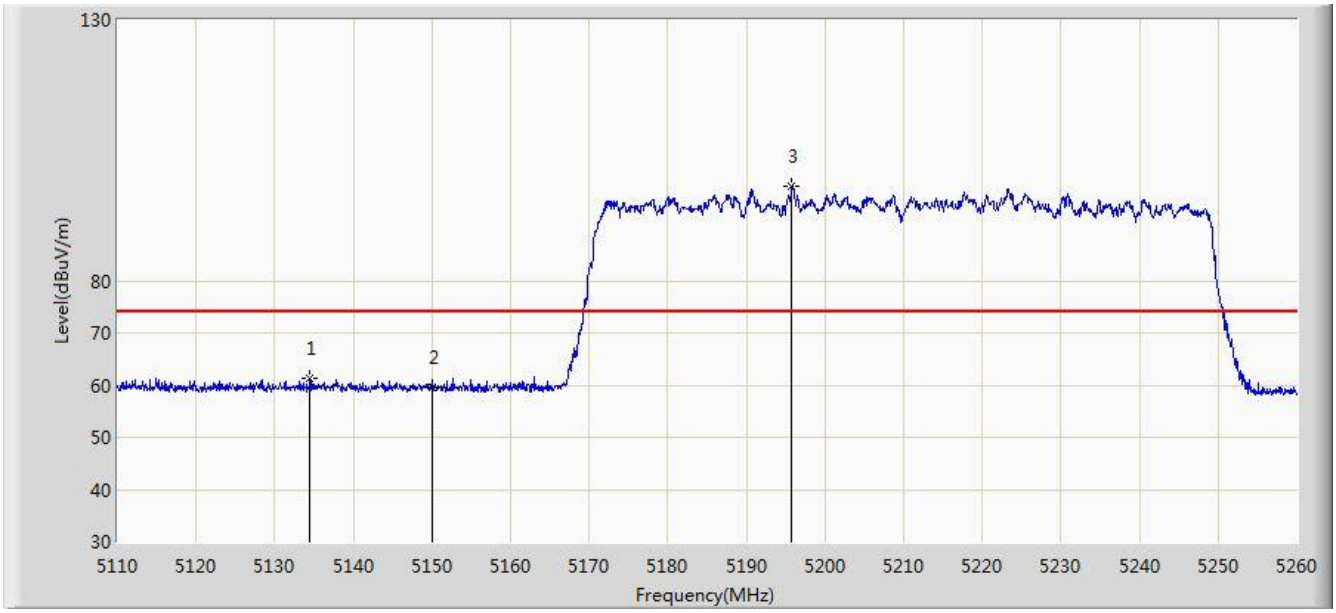


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5787.375	118.425	113.046	N/A	N/A	5.379	PK
2			5850.000	70.097	64.371	-52.103	122.200	5.726	PK
3			5855.000	73.566	67.820	-37.234	110.800	5.746	PK
4			5875.000	62.627	56.807	-42.573	105.200	5.820	PK
5			5925.000	60.698	54.732	-7.502	68.200	5.967	PK
6			5935.312	62.673	56.681	-5.527	68.200	5.992	PK

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

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

Site: AC1	Time: 2018/06/22 - 08:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at Channel 5210MHz Ant 0 + 1 + 2 + 3	

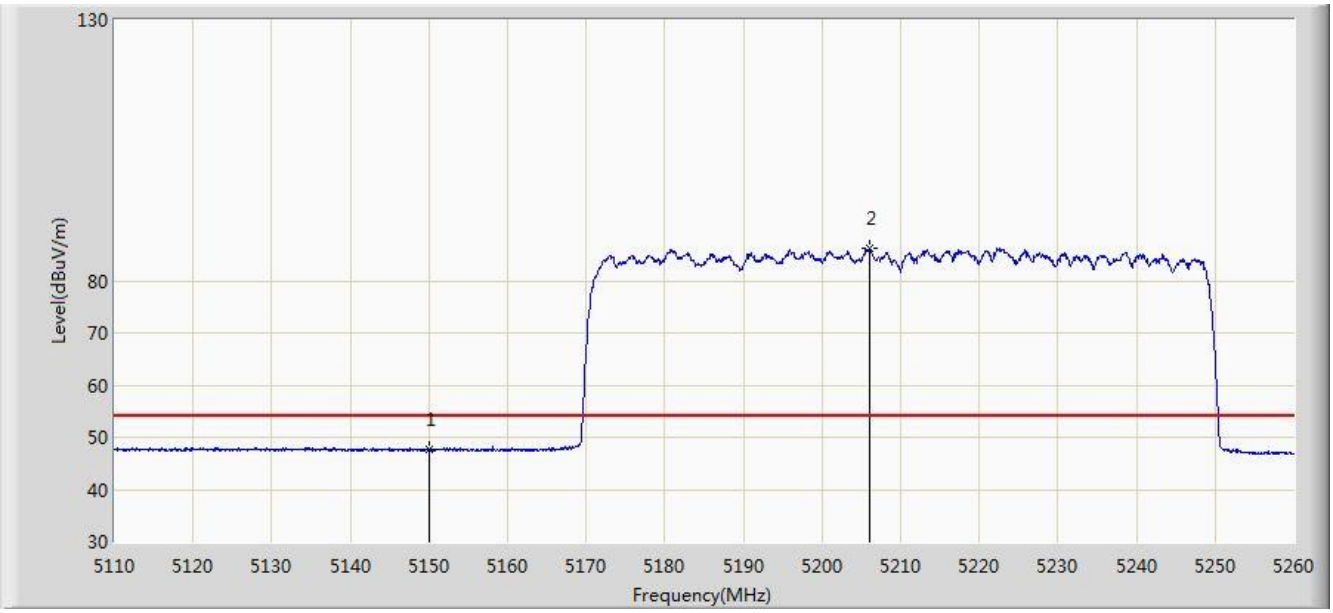


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5134.525	61.284	57.109	-12.716	74.000	4.175	PK
2			5150.000	59.527	55.358	-14.473	74.000	4.170	PK
3		*	5195.800	98.166	94.153	N/A	N/A	4.013	PK

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

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

Site: AC1	Time: 2018/06/22 - 08:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at Channel 5210MHz Ant 0 + 1 + 2 + 3	

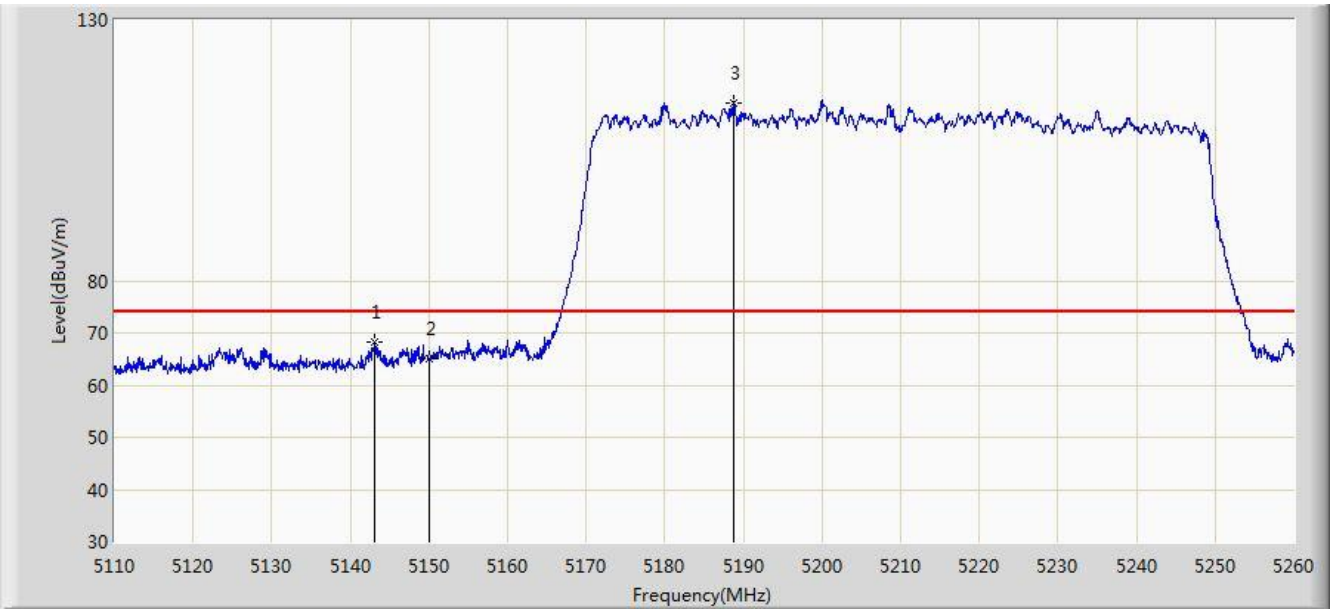


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	47.613	43.444	-6.387	54.000	4.170	AV
2		*	5206.000	86.154	82.173	N/A	N/A	3.980	AV

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

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

Site: AC1	Time: 2018/06/22 - 08:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at Channel 5210MHz Ant 0 + 1 + 2 + 3	

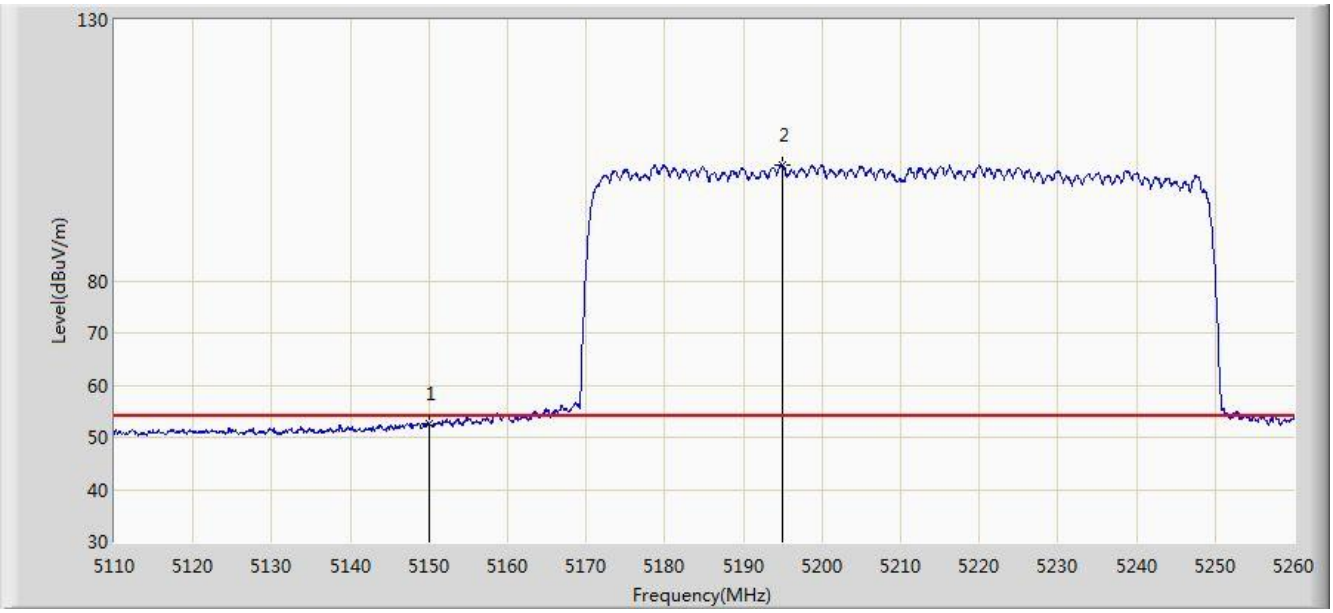


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5143.150	68.283	64.107	-5.717	74.000	4.176	PK
2			5150.000	64.952	60.783	-9.048	74.000	4.170	PK
3		*	5188.750	114.032	109.994	N/A	N/A	4.038	PK

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

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

Site: AC1	Time: 2018/06/22 - 08:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at Channel 5210MHz Ant 0 + 1 + 2 + 3	

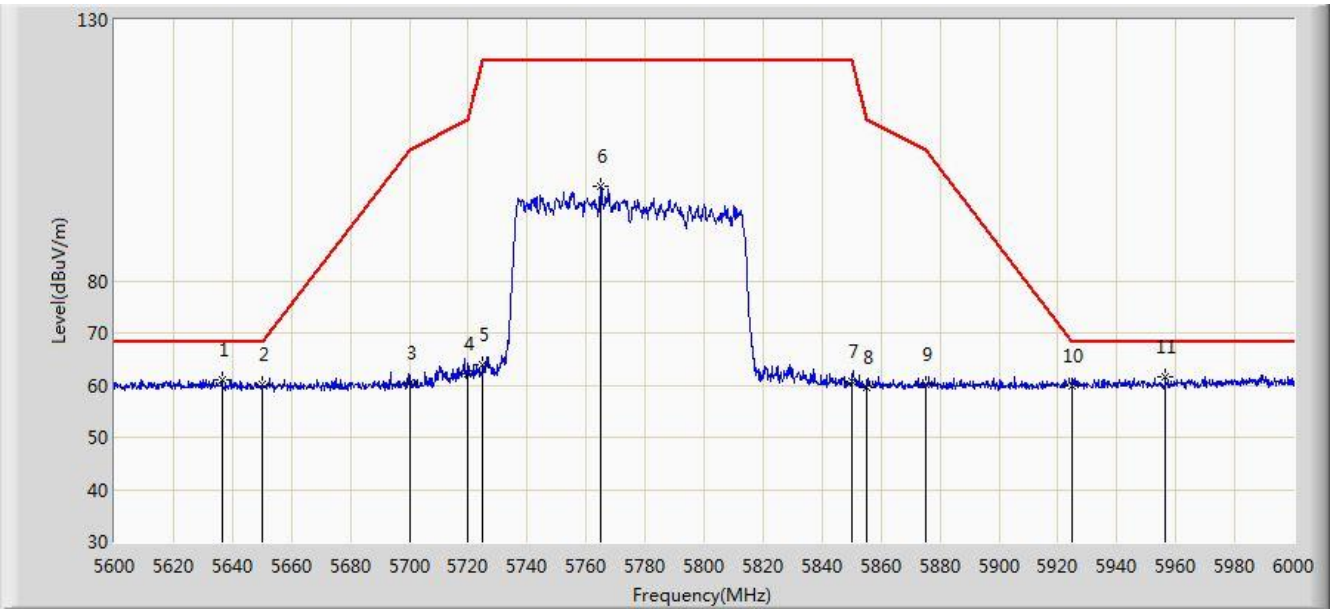


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	52.550	48.381	-1.450	54.000	4.170	AV
2		*	5194.900	102.275	98.259	N/A	N/A	4.016	AV

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

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

Site: AC1	Time: 2018/06/22 - 08:52
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at Channel 5775MHz Ant 0 + 1 + 2 + 3	

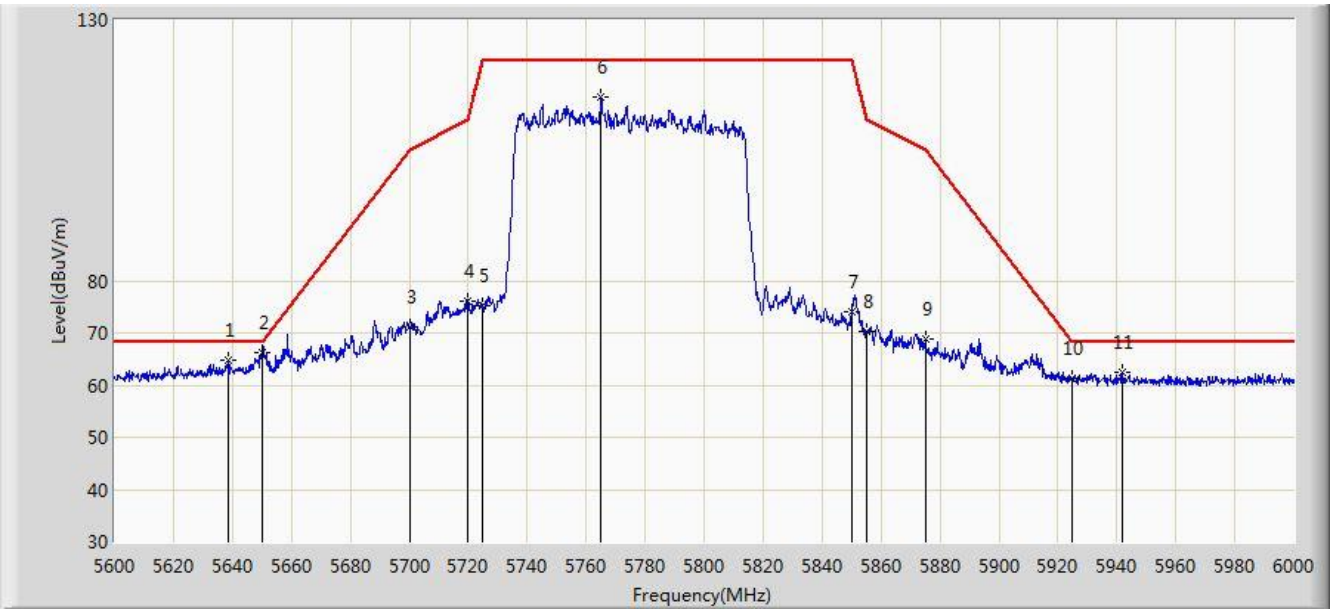


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5636.400	60.962	56.335	-7.238	68.200	4.627	PK
2			5650.000	60.274	55.603	-7.926	68.200	4.671	PK
3			5700.000	60.480	55.602	-44.720	105.200	4.878	PK
4			5720.000	62.173	57.176	-48.627	110.800	4.997	PK
5			5725.000	63.866	58.837	-58.334	122.200	5.029	PK
6			5765.000	98.101	92.836	N/A	N/A	5.265	PK
7			5850.000	60.759	55.033	-61.441	122.200	5.726	PK
8			5855.000	59.576	53.830	-51.224	110.800	5.746	PK
9			5875.000	60.010	54.190	-45.190	105.200	5.820	PK
10			5925.000	59.762	53.796	-8.438	68.200	5.967	PK
11		*	5956.400	61.544	55.506	-6.656	68.200	6.038	PK

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

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

Site: AC1	Time: 2018/06/22 - 08:51
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at Channel 5775MHz Ant 0 + 1 + 2 + 3	



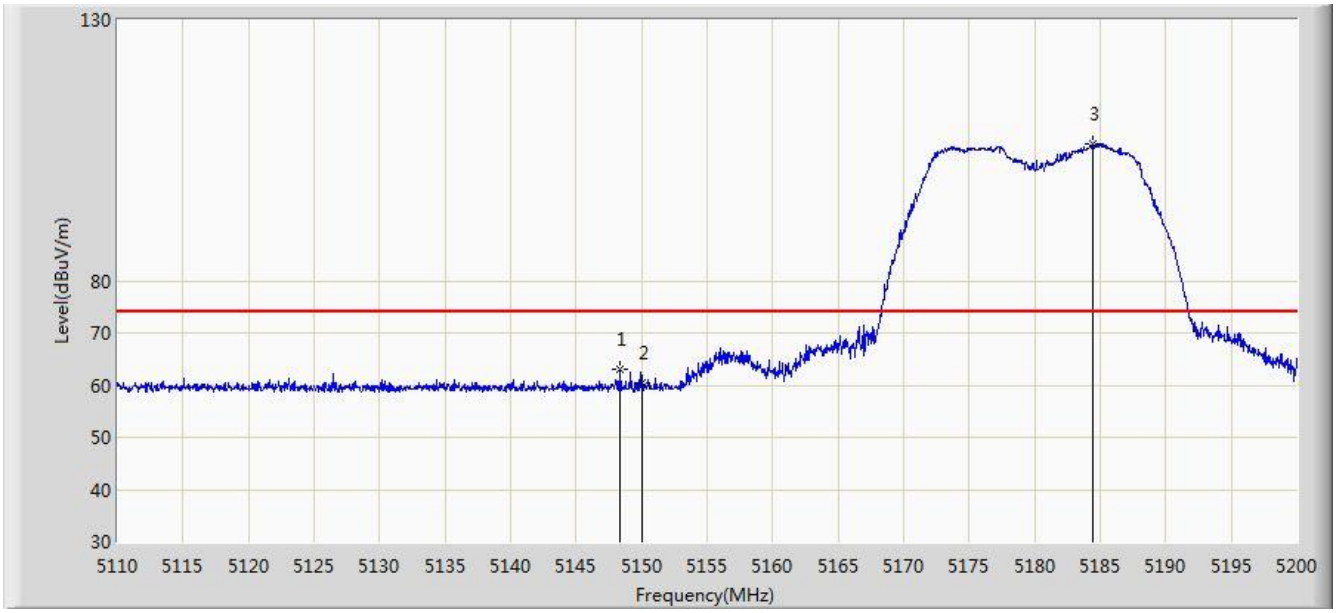
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5638.400	64.776	60.143	-3.424	68.200	4.633	PK
2		*	5650.000	66.229	61.558	-1.971	68.200	4.671	PK
3			5700.000	71.049	66.171	-34.151	105.200	4.878	PK
4			5720.000	76.083	71.086	-34.717	110.800	4.997	PK
5			5725.000	75.187	70.158	-47.013	122.200	5.029	PK
6			5765.000	115.128	109.863	N/A	N/A	5.265	PK
7			5850.000	74.202	68.476	-47.998	122.200	5.726	PK
8			5855.000	70.184	64.438	-40.616	110.800	5.746	PK
9			5875.000	68.715	62.895	-36.485	105.200	5.820	PK
10			5925.000	61.428	55.462	-6.772	68.200	5.967	PK
11			5942.000	62.578	56.570	-5.622	68.200	6.009	PK

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

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

For APIN0514 Omni Antenna (AP-ANT-19):

Site: AC1	Time: 2018/06/29 - 22:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 0 + 1 + 2 + 3	

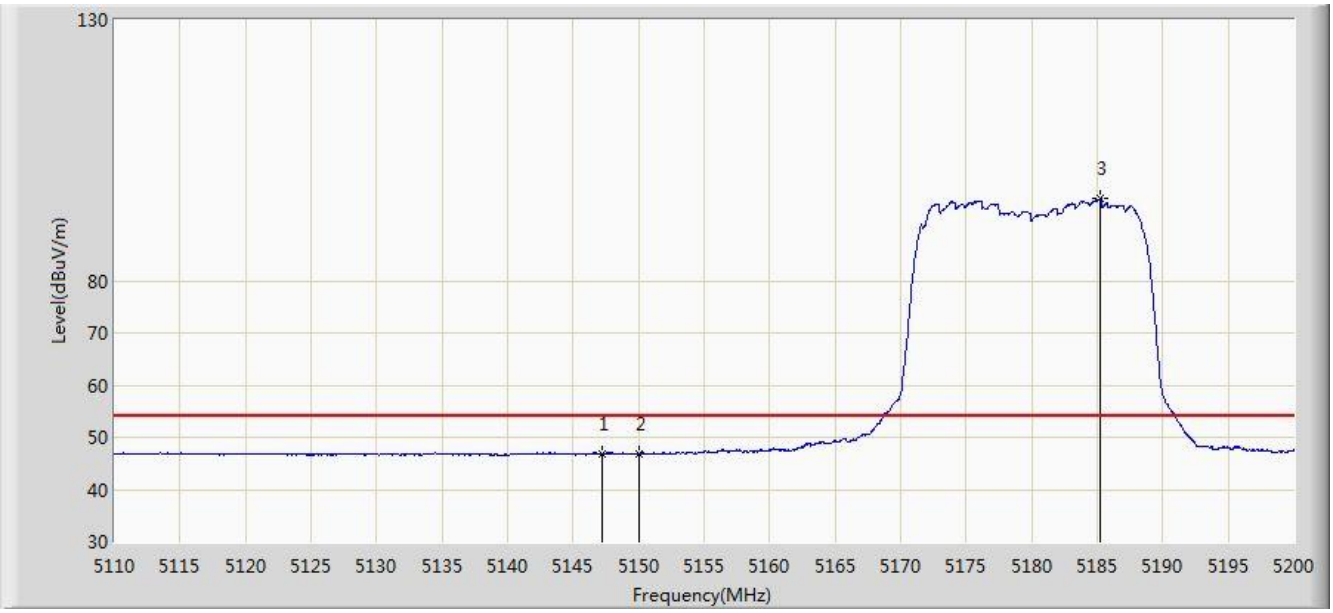


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.385	63.077	58.903	-10.923	74.000	4.174	PK
2			5150.000	60.338	56.169	-13.662	74.000	4.170	PK
3		*	5184.475	106.090	102.037	N/A	N/A	4.053	PK

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

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

Site: AC1	Time: 2018/06/29 - 22:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 0 + 1 + 2 + 3	

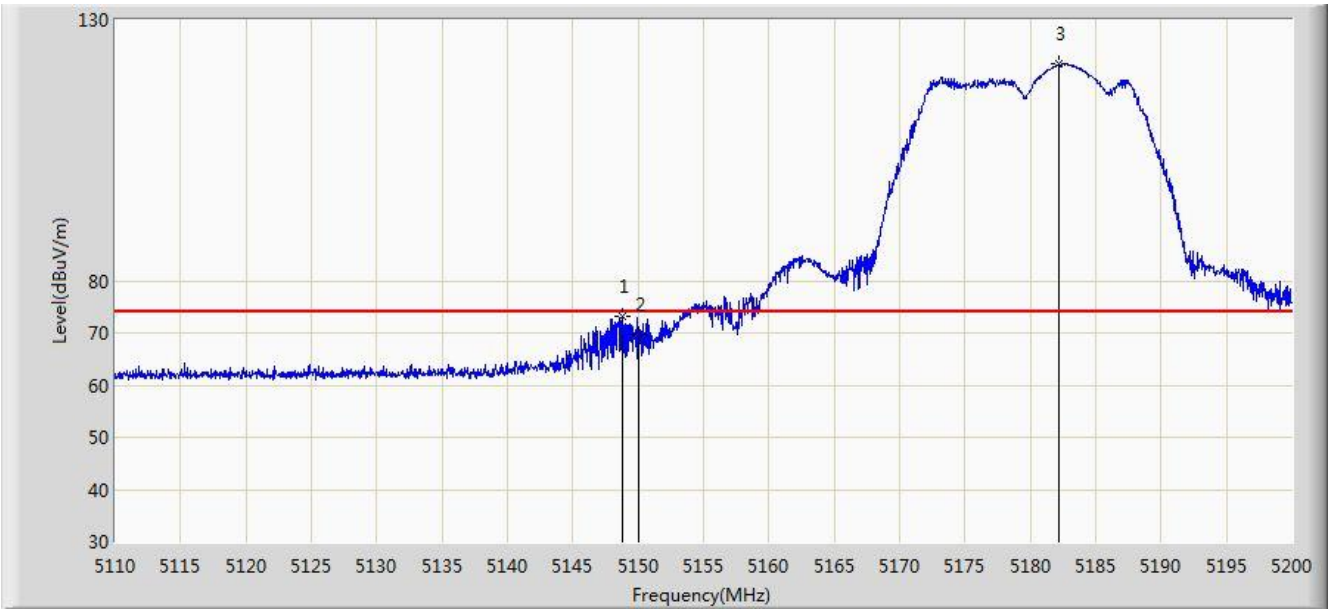


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.170	46.892	42.716	-7.108	54.000	4.176	AV
2			5150.000	46.887	42.718	-7.113	54.000	4.170	AV
3		*	5185.240	95.699	91.649	N/A	N/A	4.050	AV

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

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

Site: AC1	Time: 2018/06/29 - 22:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 0 + 1 + 2 + 3	

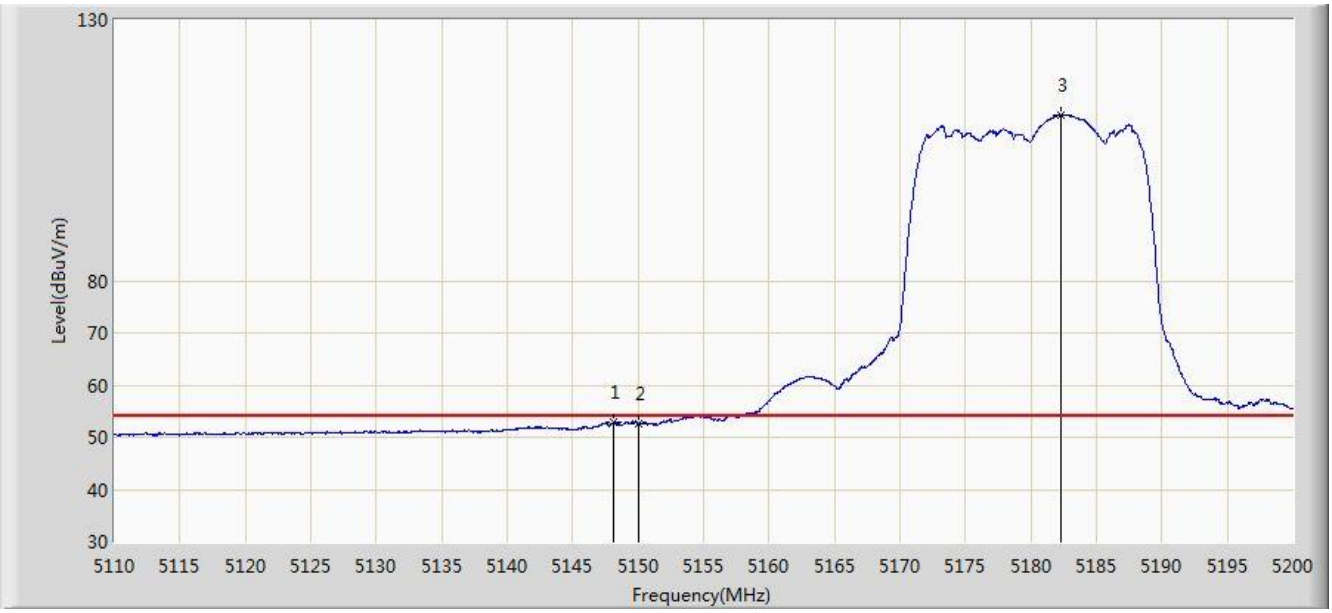


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.835	73.071	68.898	-0.929	74.000	4.173	PK
2			5150.000	69.827	65.658	-4.173	74.000	4.170	PK
3		*	5182.180	121.554	117.493	N/A	N/A	4.060	PK

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

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

Site: AC1	Time: 2018/06/29 - 22:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 0 + 1 + 2 + 3	

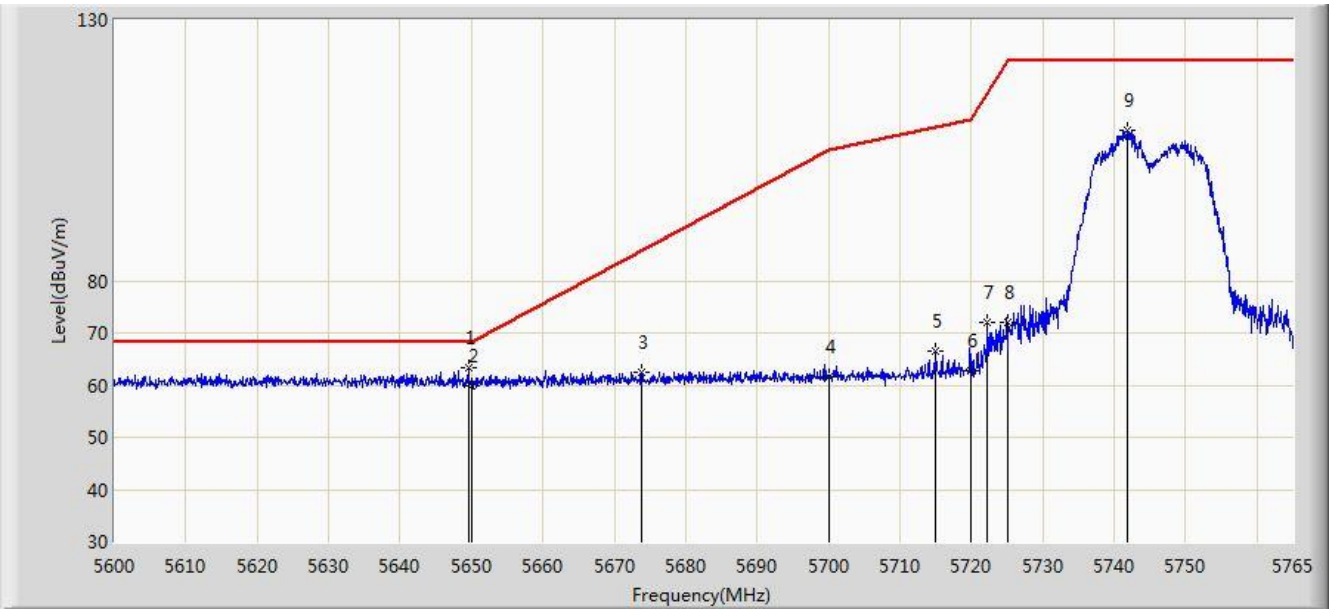


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.160	52.894	48.719	-1.106	54.000	4.175	AV
2			5150.000	52.567	48.398	-1.433	54.000	4.170	AV
3	X	*	5182.270	111.837	107.776	N/A	N/A	4.060	AV

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

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

Site: AC1	Time: 2018/06/29 - 23:03
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5745MHz Ant 0 + 1 + 2 + 3	

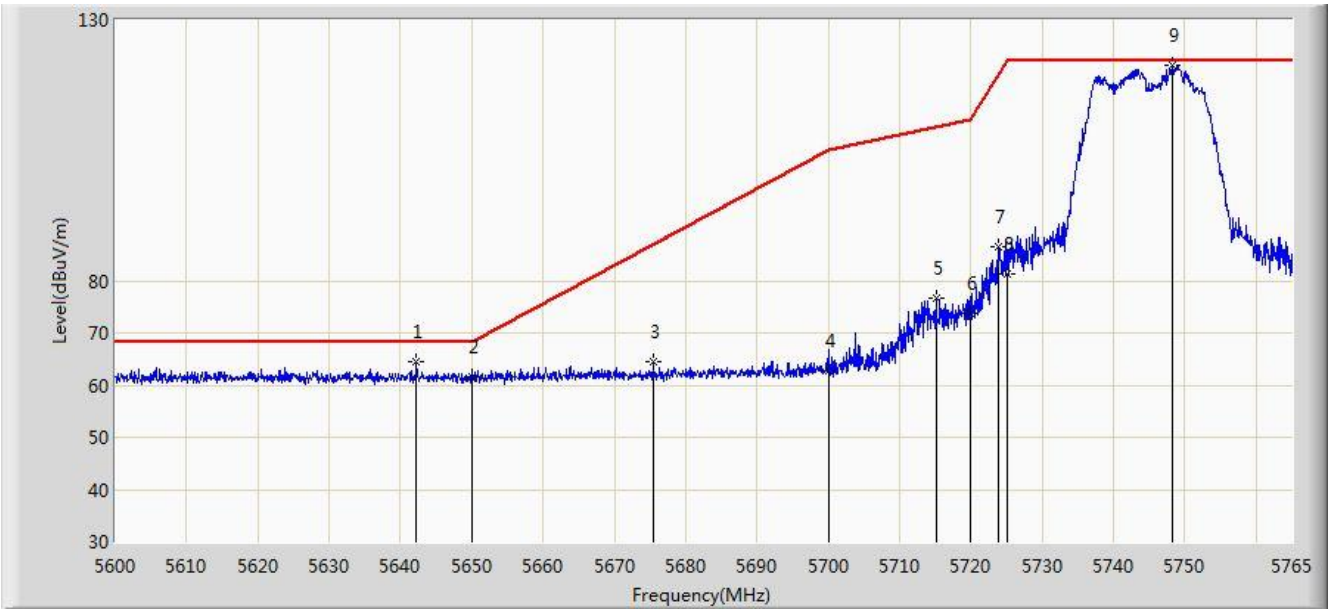


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5649.583	63.285	58.615	-4.915	68.200	4.669	PK
2			5650.000	59.825	55.154	-8.375	68.200	4.671	PK
3			5673.755	62.458	57.696	-23.361	85.819	4.762	PK
4			5700.000	61.495	56.617	-43.705	105.200	4.878	PK
5			5715.005	66.530	61.565	-42.873	109.403	4.964	PK
6			5720.000	62.804	57.807	-47.996	110.800	4.997	PK
7			5722.265	72.083	67.072	-43.882	115.965	5.012	PK
8			5725.000	71.985	66.956	-50.215	122.200	5.029	PK
9			5741.900	108.841	103.704	N/A	N/A	5.137	PK

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

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

Site: AC1	Time: 2018/06/29 - 23:05
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5745MHz Ant 0 + 1 + 2 + 3	

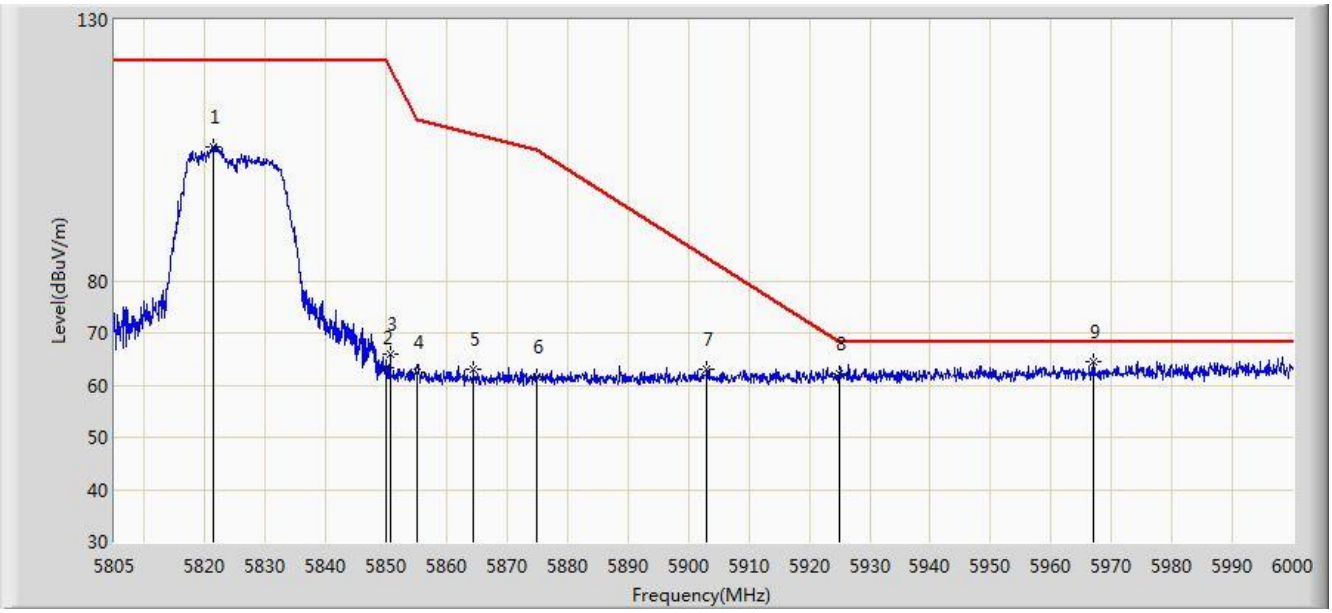


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5642.240	64.432	59.787	-3.768	68.200	4.646	PK
2			5650.000	61.705	57.034	-6.495	68.200	4.671	PK
3			5675.487	64.543	59.774	-22.558	87.101	4.770	PK
4			5700.000	62.849	57.971	-42.351	105.200	4.878	PK
5			5715.087	76.536	71.571	-32.890	109.426	4.965	PK
6			5720.000	73.675	68.678	-37.125	110.800	4.997	PK
7			5723.750	86.472	81.451	-32.879	119.351	5.021	PK
8			5725.000	81.284	76.255	-40.916	122.200	5.029	PK
9		*	5748.252	121.215	116.042	N/A	N/A	5.173	PK

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

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

Site: AC1	Time: 2018/06/29 - 23:07
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5825MHz Ant 0 + 1 + 2 + 3	

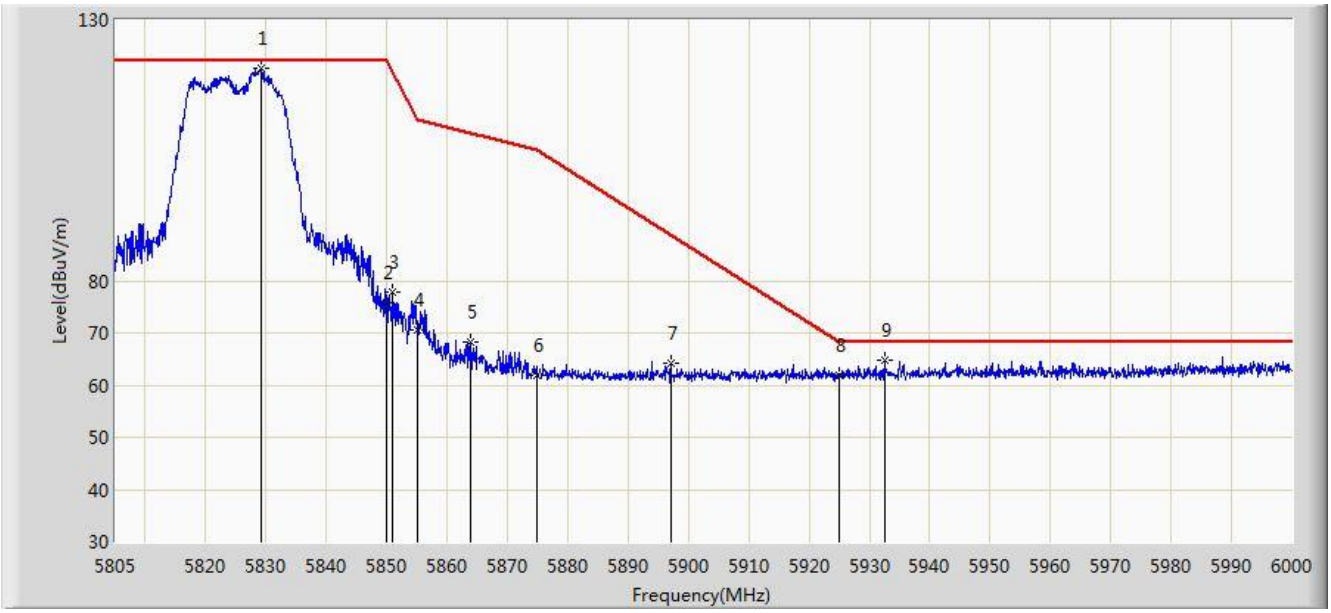


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5821.478	105.717	100.150	N/A	N/A	5.567	PK
2			5850.000	63.401	57.675	-58.799	122.200	5.726	PK
3			5850.630	65.871	60.143	-54.892	120.763	5.729	PK
4			5855.000	62.466	56.720	-48.334	110.800	5.746	PK
5			5864.377	63.090	57.307	-45.082	108.172	5.783	PK
6			5875.000	61.460	55.640	-43.740	105.200	5.820	PK
7			5903.085	63.087	57.176	-21.291	84.379	5.911	PK
8			5925.000	62.273	56.307	-5.927	68.200	5.967	PK
9		*	5966.947	64.417	58.361	-3.783	68.200	6.055	PK

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

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

Site: AC1	Time: 2018/06/29 - 23:08
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5825MHz Ant 0 + 1 + 2 + 3	

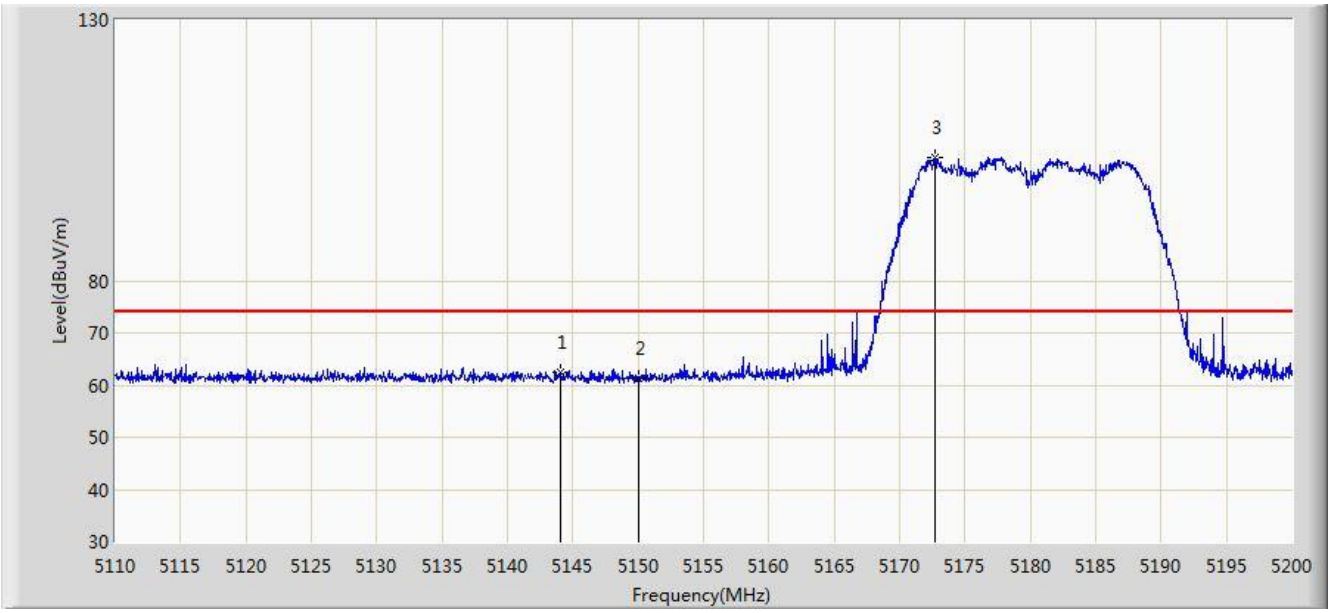


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5829.083	120.764	115.152	N/A	N/A	5.613	PK
2			5850.000	75.709	69.983	-46.491	122.200	5.726	PK
3			5851.020	77.855	72.125	-42.019	119.874	5.730	PK
4			5855.000	70.662	64.916	-40.138	110.800	5.746	PK
5			5863.792	68.116	62.335	-40.220	108.336	5.781	PK
6			5875.000	61.952	56.132	-43.248	105.200	5.820	PK
7			5897.040	64.221	58.326	-24.631	88.852	5.894	PK
8			5925.000	61.901	55.935	-6.299	68.200	5.967	PK
9			5932.530	64.673	58.688	-3.527	68.200	5.984	PK

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

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

Site: AC1	Time: 2018/06/29 - 23:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 0 + 1 + 2 + 3	

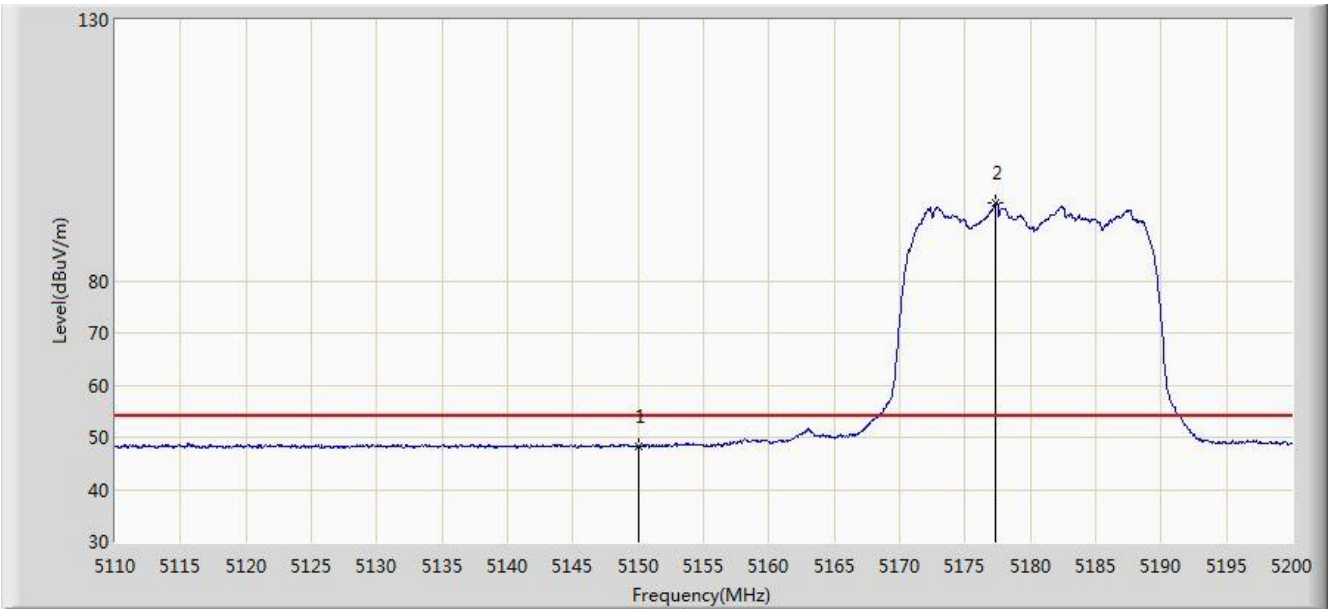


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5144.065	62.546	58.370	-11.454	74.000	4.176	PK
2			5150.000	61.402	57.233	-12.598	74.000	4.170	PK
3		*	5172.730	103.745	99.650	N/A	N/A	4.095	PK

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

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

Site: AC1	Time: 2018/06/29 - 23:13
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 0 + 1 + 2 + 3	

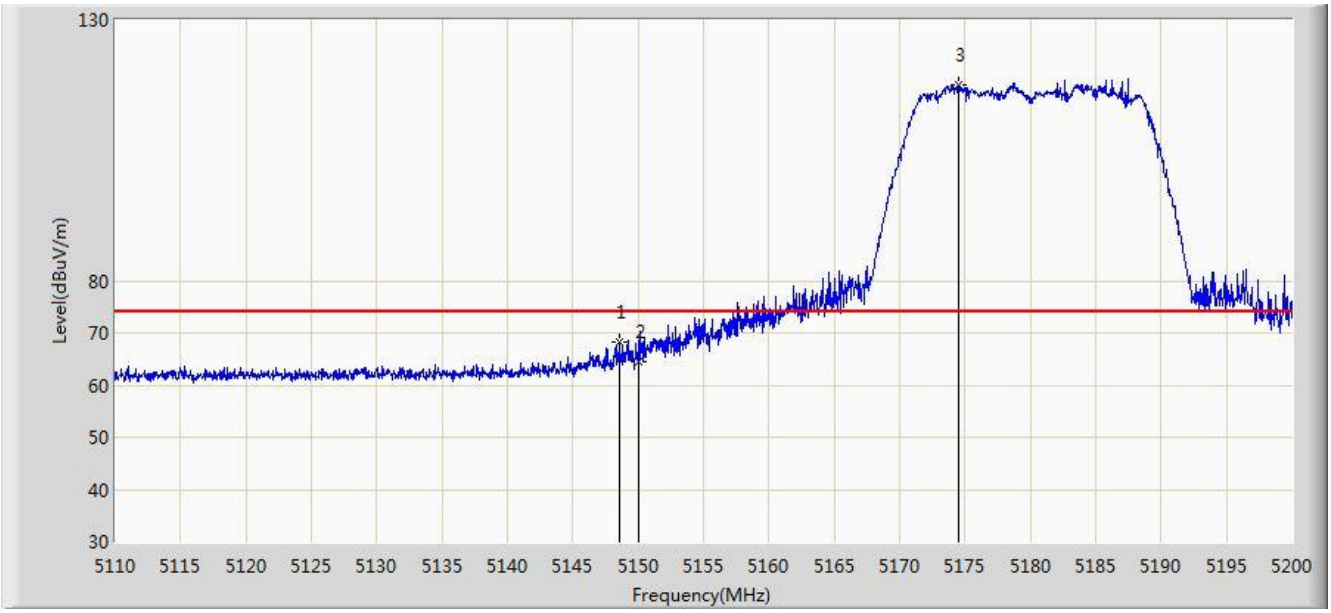


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	48.306	44.137	-5.694	54.000	4.170	AV
2		*	5177.365	94.835	90.757	N/A	N/A	4.078	AV

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

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

Site: AC1	Time: 2018/06/29 - 23:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 0 + 1 + 2 + 3	

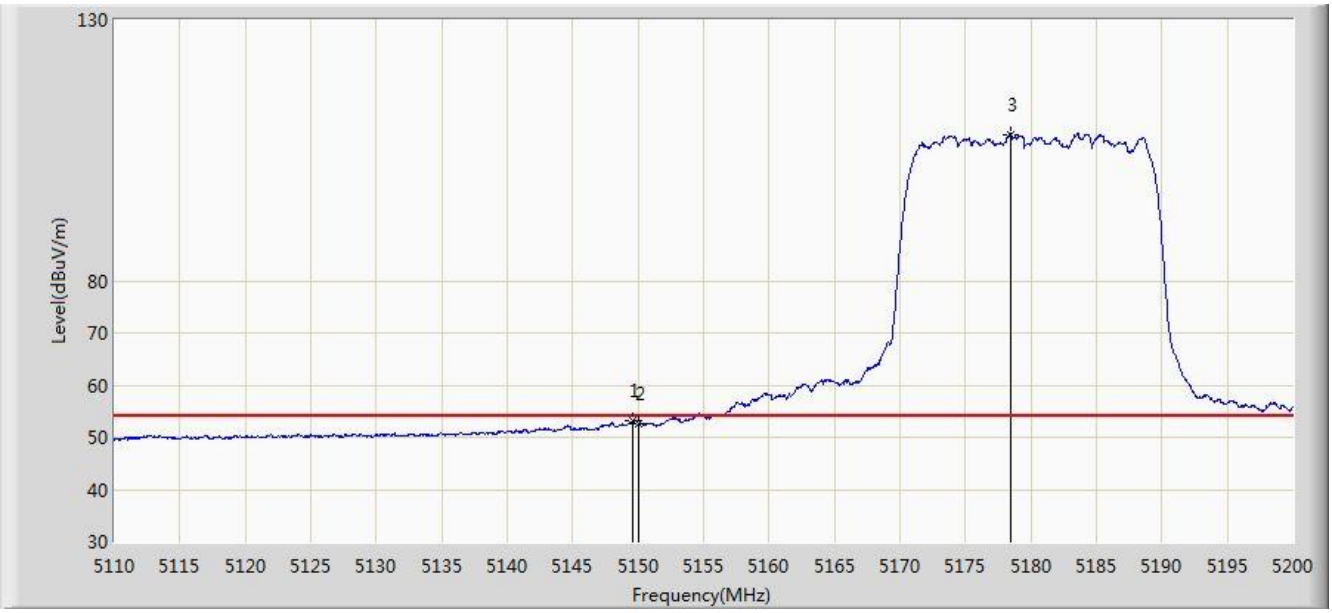


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.520	68.206	64.032	-5.794	74.000	4.173	PK
2			5150.000	64.352	60.183	-9.648	74.000	4.170	PK
3		*	5174.530	117.500	113.412	N/A	N/A	4.088	PK

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

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

Site: AC1	Time: 2018/06/29 - 23:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 0 + 1 + 2 + 3	

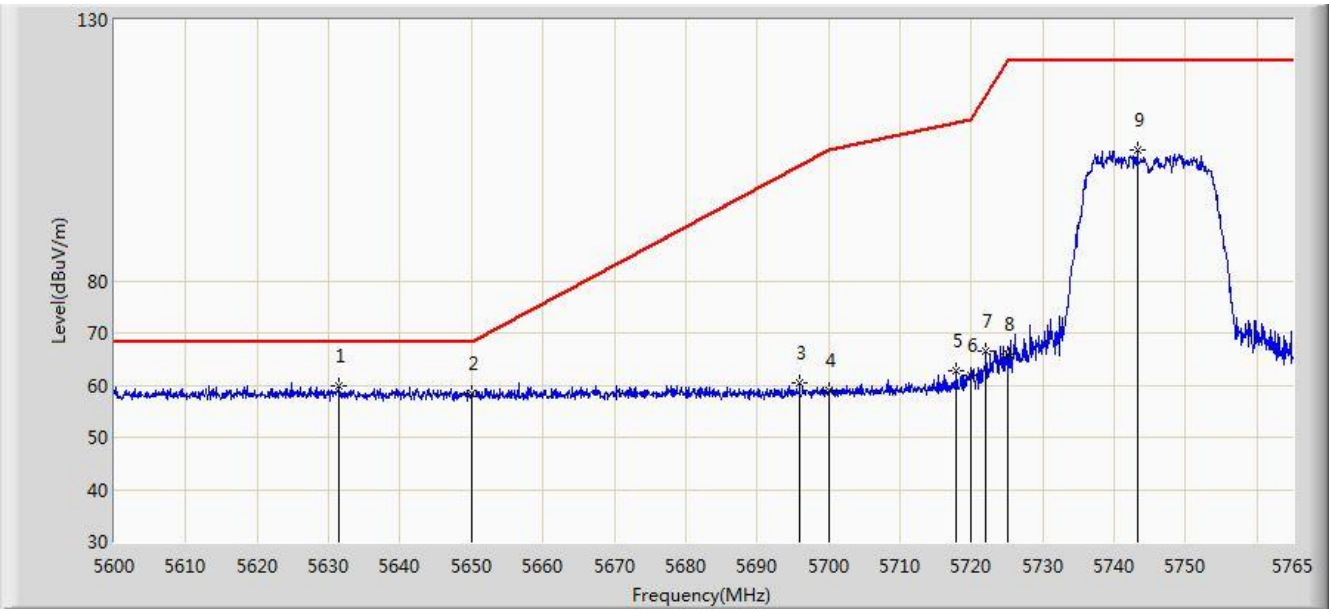


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.555	53.263	49.092	-0.737	54.000	4.170	AV
2			5150.000	52.630	48.461	-1.370	54.000	4.170	AV
3	X	*	5178.445	108.107	104.033	N/A	N/A	4.074	AV

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

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

Site: AC1	Time: 2018/06/29 - 23:53
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 0 + 1 + 2 + 3	

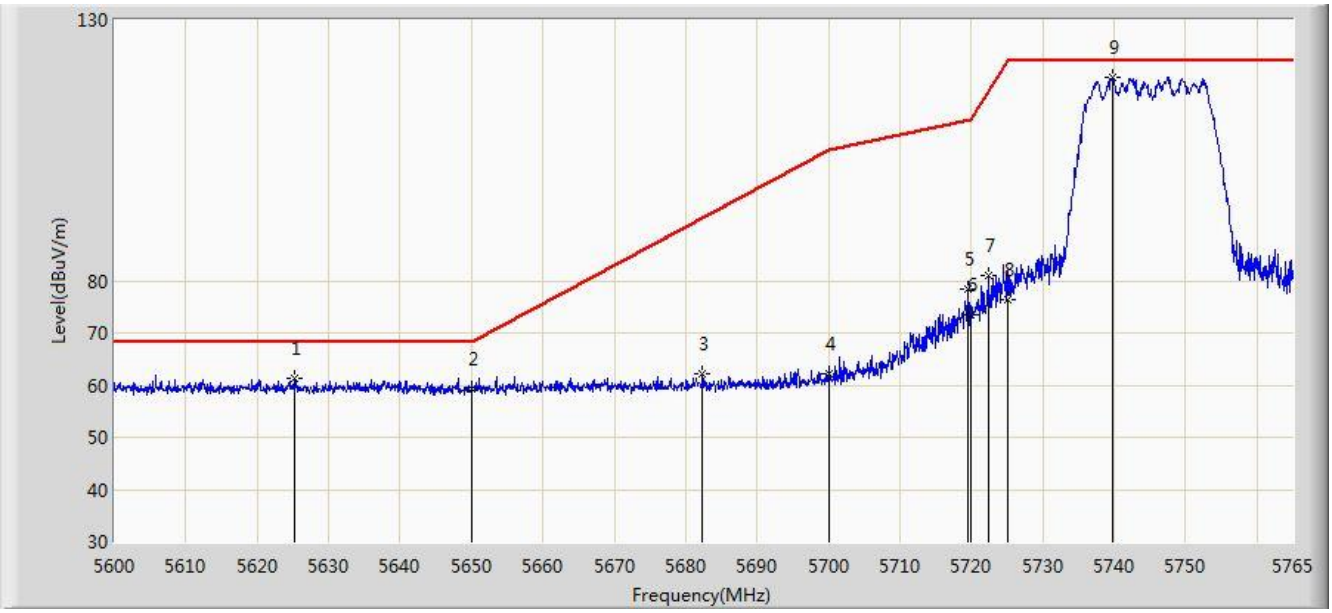


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5631.515	59.776	55.163	-8.424	68.200	4.614	PK
2			5650.000	58.400	53.729	-9.800	68.200	4.671	PK
3			5695.947	60.411	55.554	-41.802	102.213	4.857	PK
4			5700.000	59.055	54.177	-46.145	105.200	4.878	PK
5			5717.893	62.633	57.650	-47.578	110.211	4.983	PK
6			5720.000	61.806	56.809	-48.994	110.800	4.997	PK
7			5722.018	66.442	61.432	-48.960	115.402	5.010	PK
8			5725.000	65.959	60.930	-56.241	122.200	5.029	PK
9			5743.220	105.049	99.904	N/A	N/A	5.145	PK

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

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

Site: AC1	Time: 2018/06/29 - 23:55
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 0 + 1 + 2 + 3	

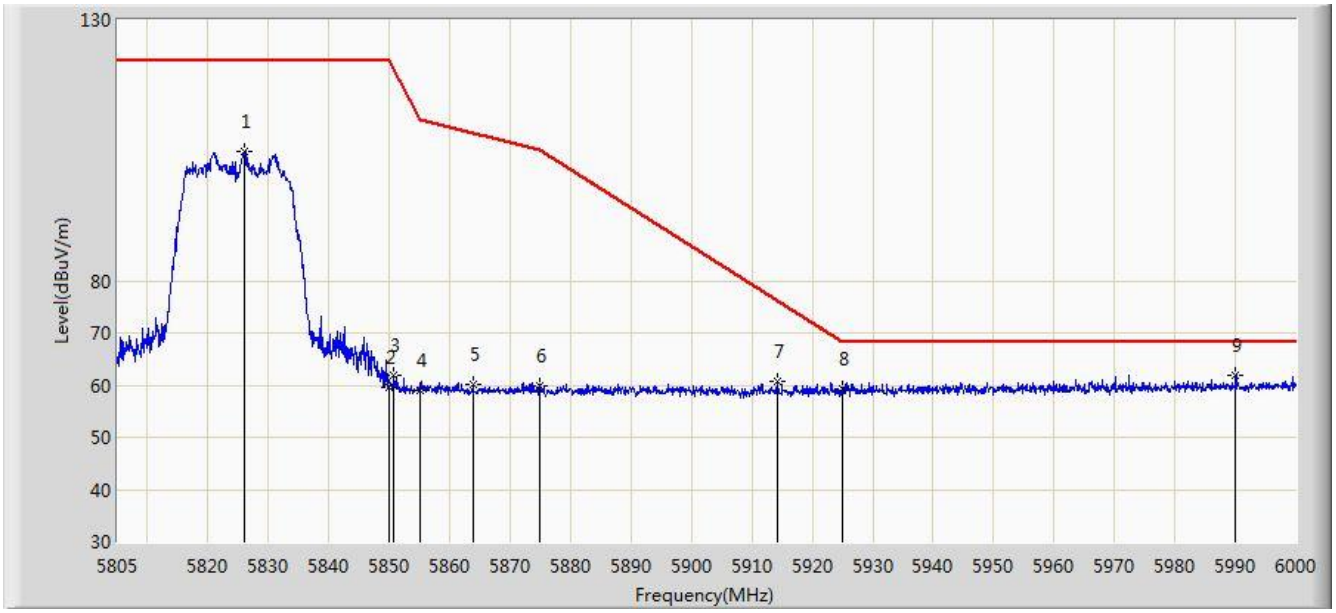


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5625.163	61.244	56.649	-6.956	68.200	4.595	PK
2			5650.000	59.285	54.614	-8.915	68.200	4.671	PK
3			5682.335	62.301	57.504	-29.864	92.165	4.797	PK
4			5700.000	62.205	57.327	-42.995	105.200	4.878	PK
5			5719.460	78.417	73.424	-32.232	110.649	4.993	PK
6			5720.000	73.439	68.442	-37.361	110.800	4.997	PK
7			5722.348	80.981	75.969	-35.174	116.155	5.012	PK
8			5725.000	76.351	71.322	-45.849	122.200	5.029	PK
9		*	5739.672	119.126	114.003	N/A	N/A	5.122	PK

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

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

Site: AC1	Time: 2018/06/29 - 23:57
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 0 + 1 + 2 + 3	

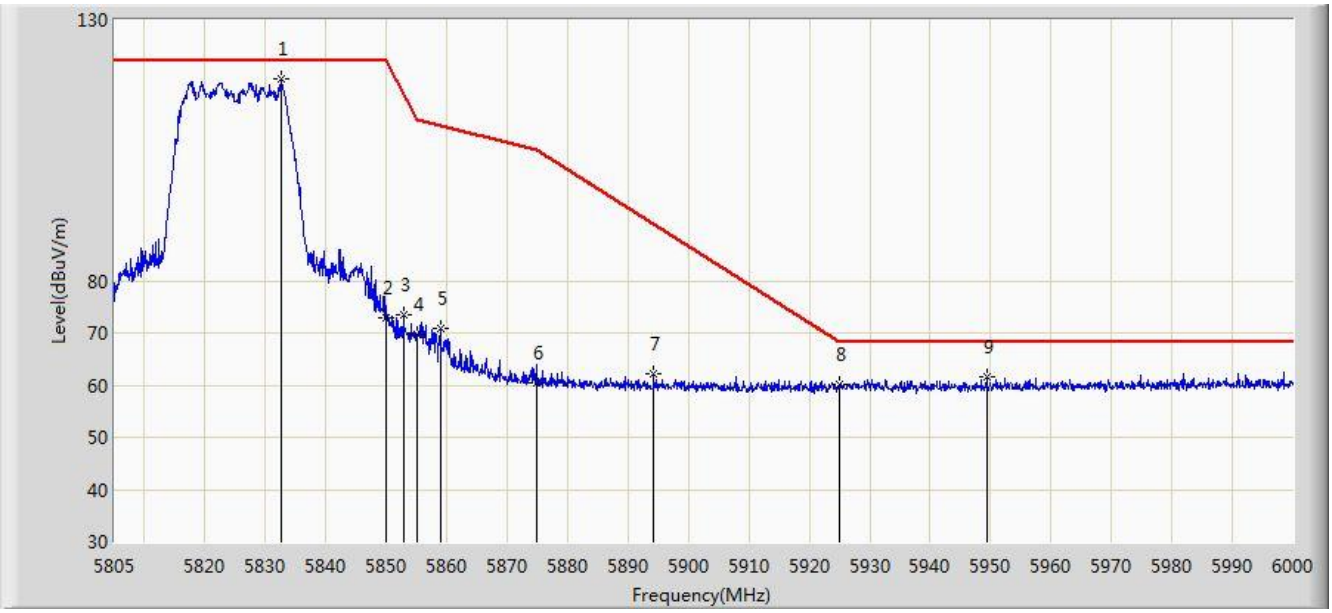


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5826.060	104.827	99.233	N/A	N/A	5.594	PK
2			5850.000	59.523	53.797	-62.677	122.200	5.726	PK
3			5850.728	61.920	56.191	-58.620	120.540	5.729	PK
4			5855.000	58.901	53.155	-51.899	110.800	5.746	PK
5			5863.792	60.072	54.291	-48.264	108.336	5.781	PK
6			5875.000	59.902	54.082	-45.298	105.200	5.820	PK
7			5914.200	60.675	54.735	-15.490	76.165	5.939	PK
8			5925.000	59.374	53.408	-8.826	68.200	5.967	PK
9		*	5990.055	61.842	55.748	-6.358	68.200	6.094	PK

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

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

Site: AC1	Time: 2018/06/29 - 23:59
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 0 + 1 + 2 + 3	

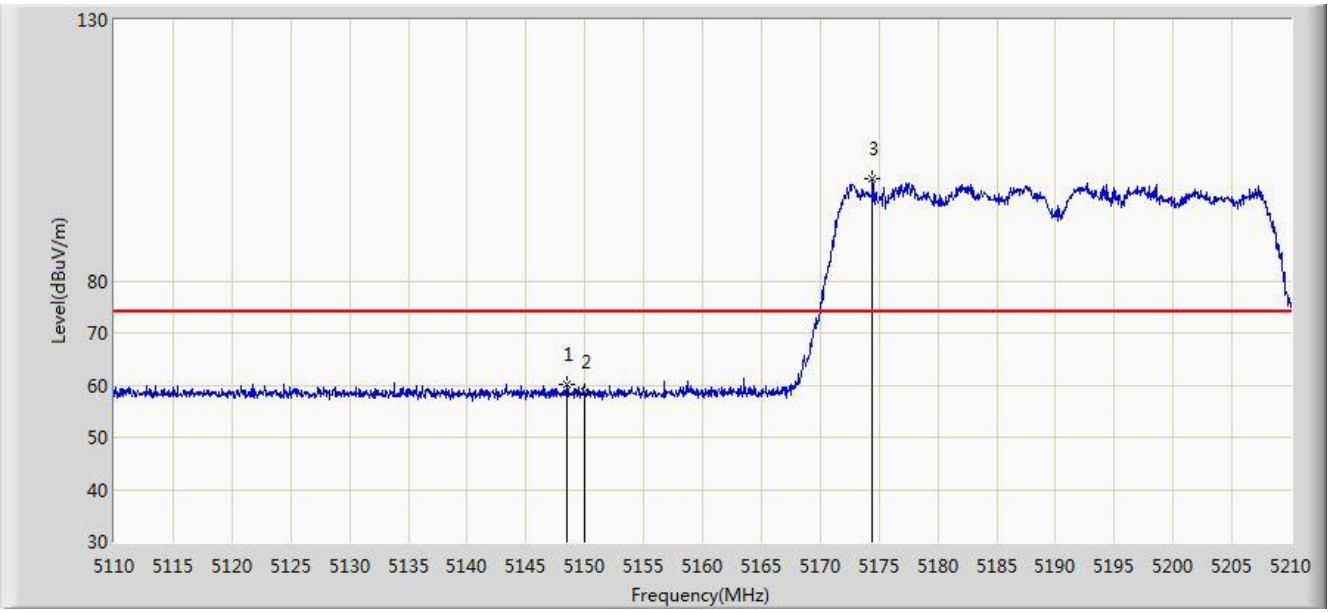


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5832.592	118.562	112.930	N/A	N/A	5.632	PK
2			5850.000	72.856	67.130	-49.344	122.200	5.726	PK
3			5852.775	73.520	67.783	-42.352	115.872	5.736	PK
4			5855.000	69.604	63.858	-41.196	110.800	5.746	PK
5			5859.015	70.908	65.145	-38.766	109.674	5.763	PK
6			5875.000	60.351	54.531	-44.849	105.200	5.820	PK
7			5894.212	62.053	56.167	-28.893	90.946	5.886	PK
8			5925.000	60.008	54.042	-8.192	68.200	5.967	PK
9			5949.300	61.681	55.656	-6.519	68.200	6.025	PK

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

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

Site: AC1	Time: 2018/06/30 - 00:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 0 + 1 + 2 + 3	

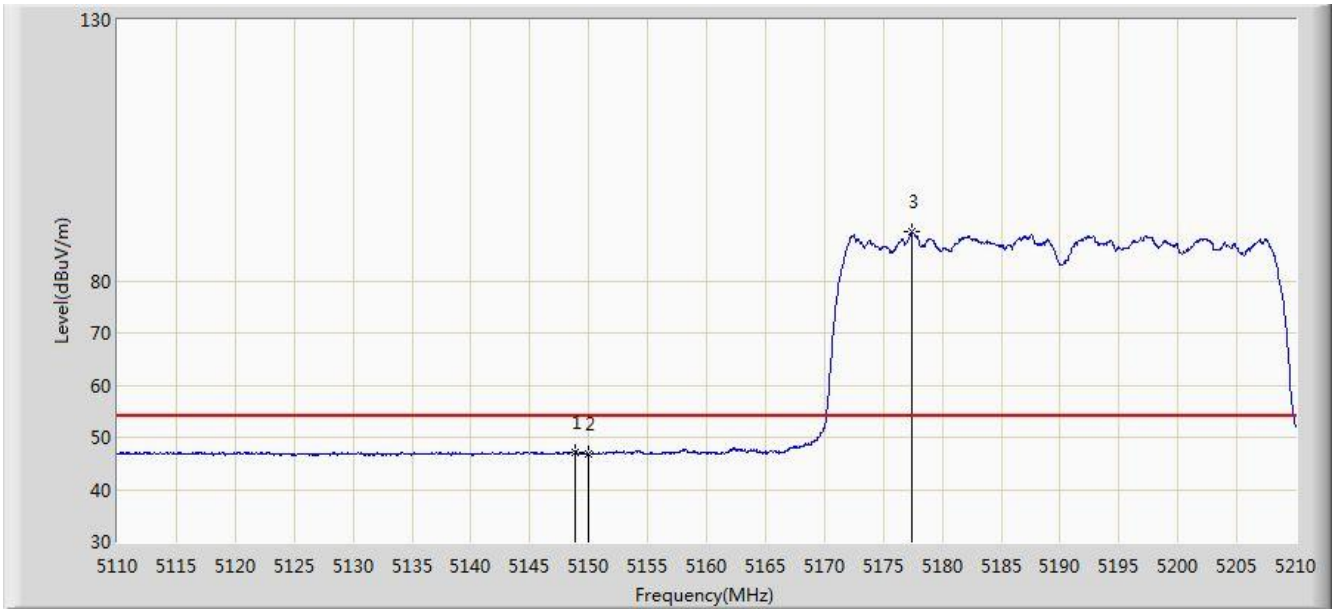


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.500	60.236	56.062	-13.764	74.000	4.173	PK
2			5150.000	58.668	54.499	-15.332	74.000	4.170	PK
3		*	5174.450	99.524	95.435	N/A	N/A	4.089	PK

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

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

Site: AC1	Time: 2018/06/30 - 00:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 0 + 1 + 2 + 3	

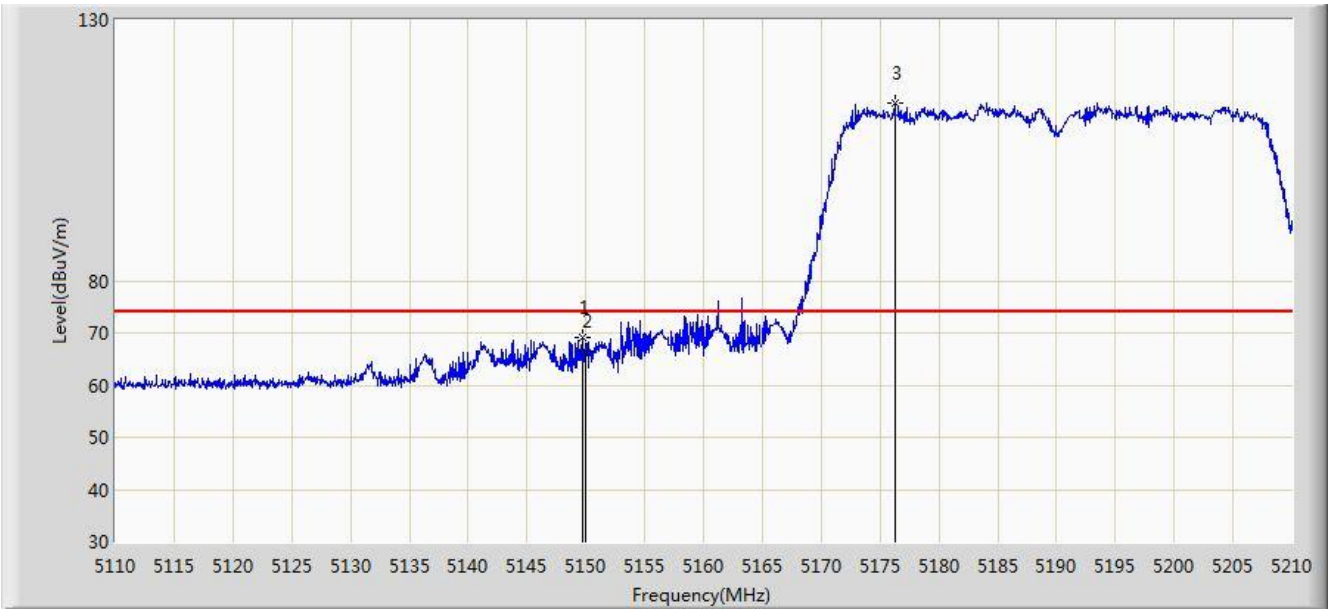


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.850	47.242	43.069	-6.758	54.000	4.173	AV
2			5150.000	46.844	42.675	-7.156	54.000	4.170	AV
3		*	5177.450	89.292	85.214	N/A	N/A	4.078	AV

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

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

Site: AC1	Time: 2018/06/30 - 00:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 0 + 1 + 2 + 3	

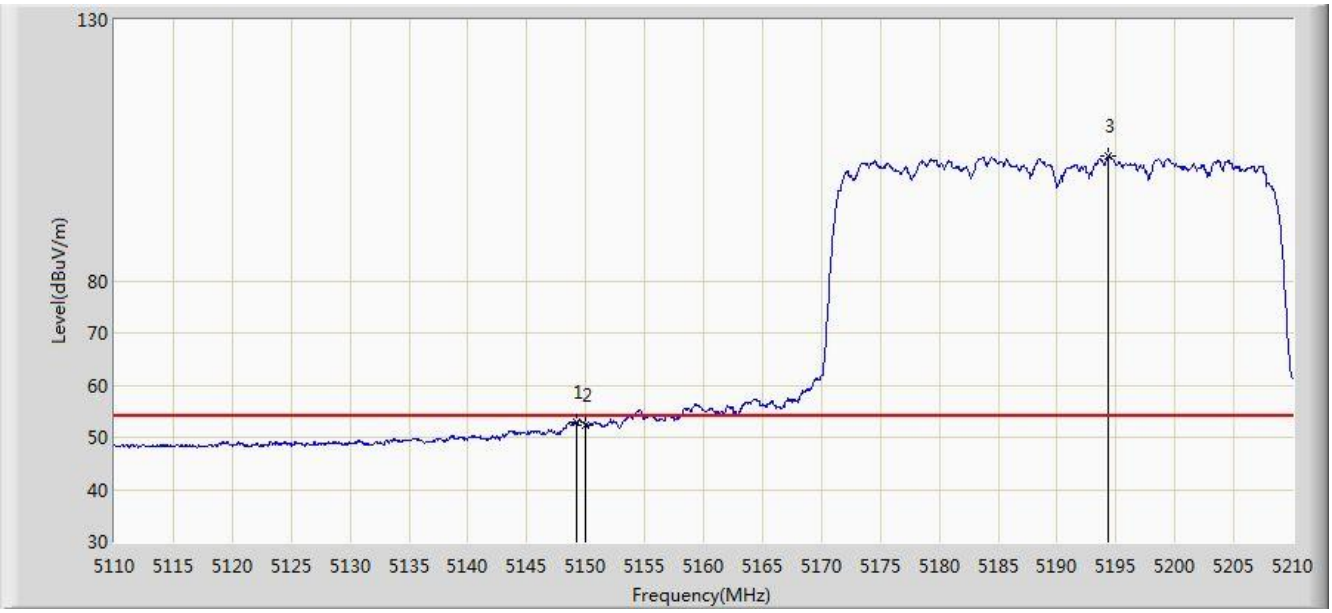


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.750	69.228	65.058	-4.772	74.000	4.170	PK
2			5150.000	66.532	62.363	-7.468	74.000	4.170	PK
3		*	5176.300	114.054	109.972	N/A	N/A	4.081	PK

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

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

Site: AC1	Time: 2018/06/30 - 00:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 0 + 1 + 2 + 3	

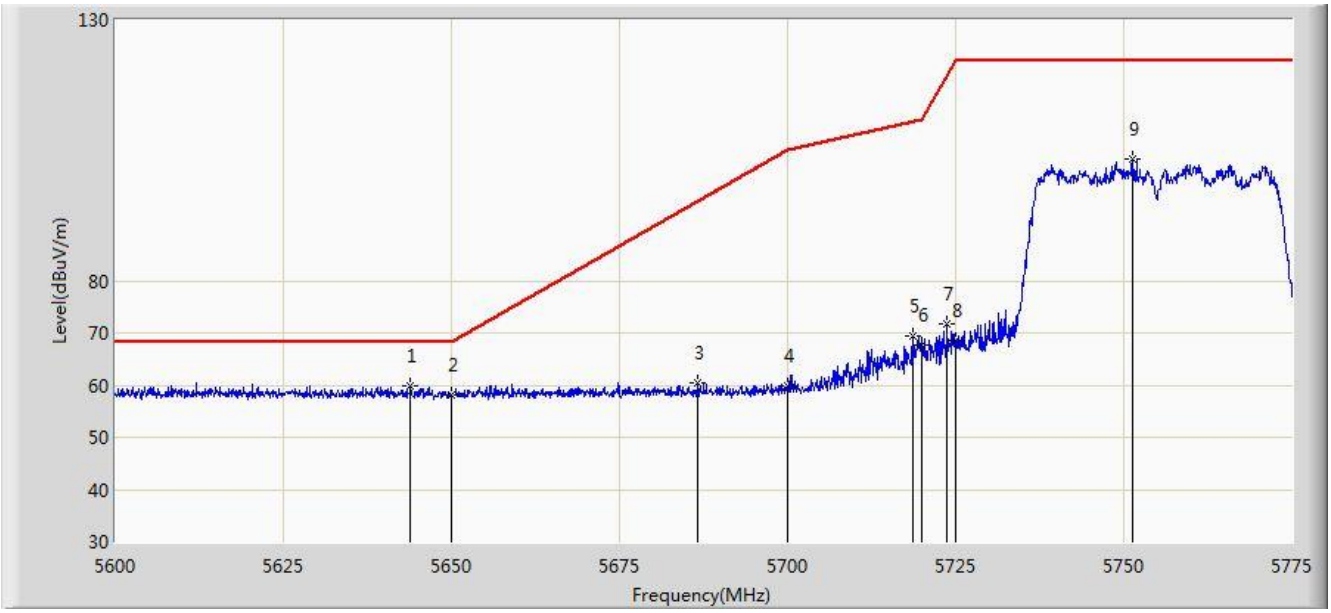


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.200	52.897	48.725	-1.103	54.000	4.172	AV
2			5150.000	52.400	48.231	-1.600	54.000	4.170	AV
3		*	5194.350	103.866	99.848	N/A	N/A	4.018	AV

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

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

Site: AC1	Time: 2018/06/30 - 00:43
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 0 + 1 + 2 + 3	

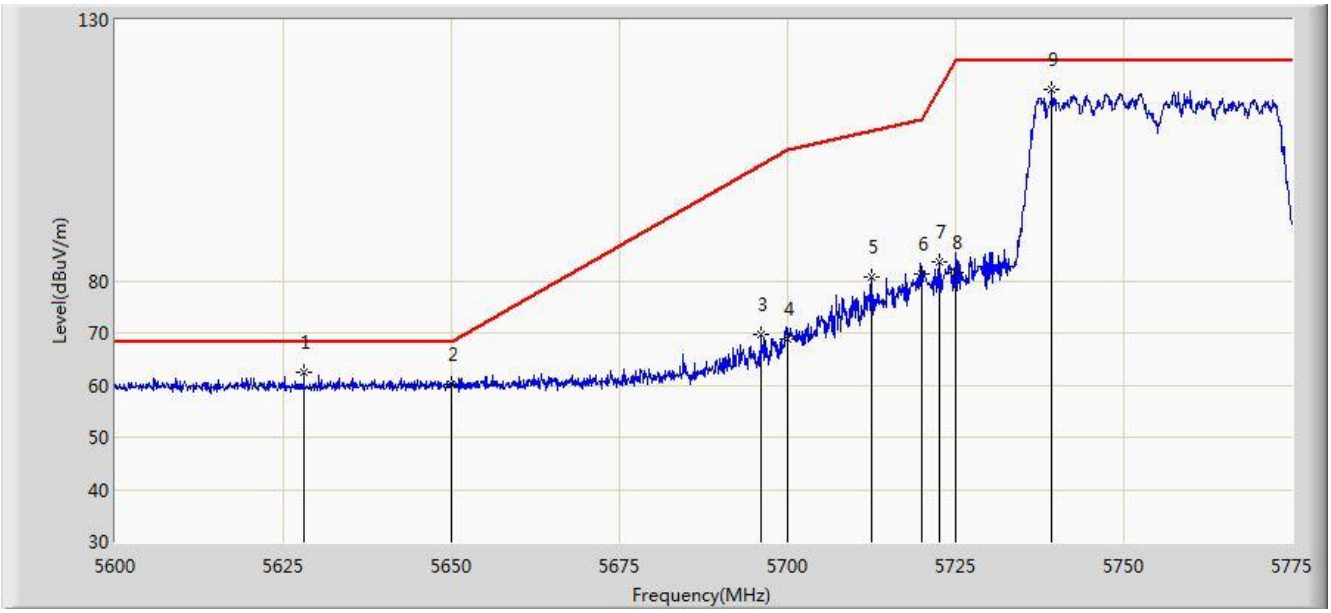


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5643.837	59.972	55.322	-8.228	68.200	4.651	PK
2			5650.000	57.985	53.314	-10.215	68.200	4.671	PK
3			5686.712	60.310	55.496	-35.088	95.399	4.815	PK
4			5700.000	59.924	55.046	-45.276	105.200	4.878	PK
5			5718.562	69.374	64.386	-41.024	110.398	4.988	PK
6			5720.000	67.693	62.696	-43.107	110.800	4.997	PK
7			5723.725	71.613	66.592	-47.681	119.294	5.021	PK
8			5725.000	68.431	63.402	-53.769	122.200	5.029	PK
9			5751.288	103.468	98.277	N/A	N/A	5.191	PK

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

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

Site: AC1	Time: 2018/06/30 - 00:45
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 0 + 1 + 2 + 3	

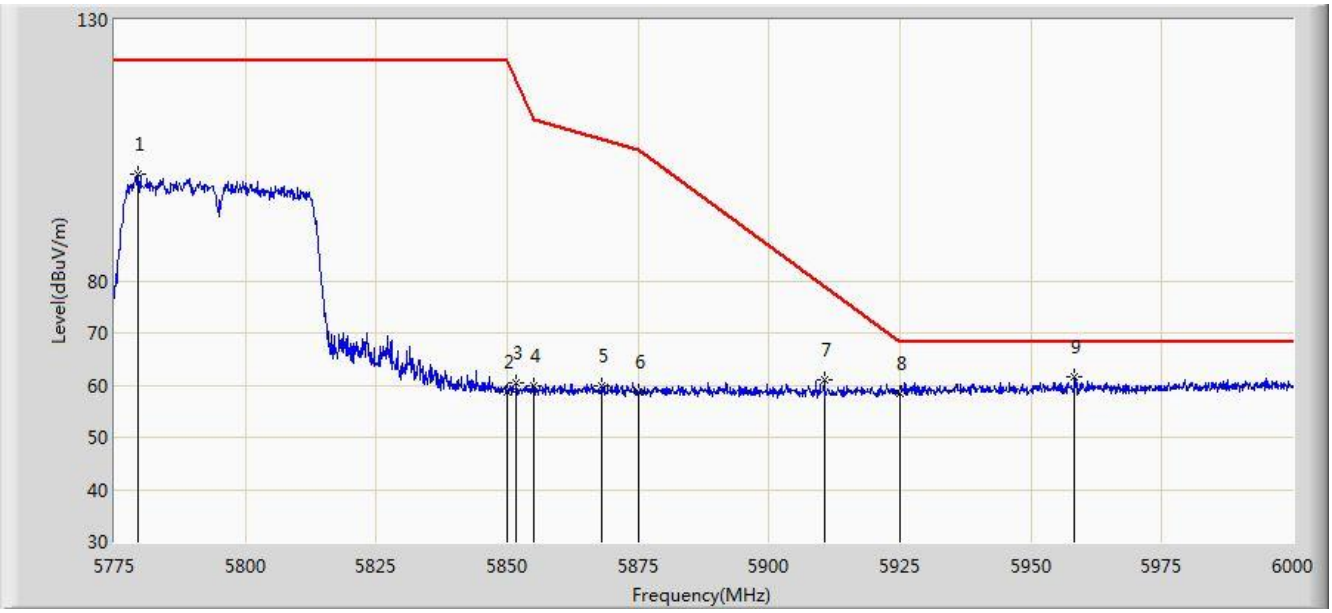


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5628.087	62.557	57.953	-5.643	68.200	4.604	PK
2			5650.000	60.043	55.372	-8.157	68.200	4.671	PK
3			5695.987	69.670	64.813	-32.572	102.242	4.857	PK
4			5700.000	68.864	63.986	-36.336	105.200	4.878	PK
5			5712.437	80.582	75.634	-28.102	108.685	4.948	PK
6			5720.000	81.356	76.359	-29.444	110.800	4.997	PK
7			5722.675	83.683	78.669	-33.217	116.900	5.014	PK
8			5725.000	81.607	76.578	-40.593	122.200	5.029	PK
9		*	5739.300	116.692	111.572	N/A	N/A	5.120	PK

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

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

Site: AC1	Time: 2018/06/30 - 00:47
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 0 + 1 + 2 + 3	

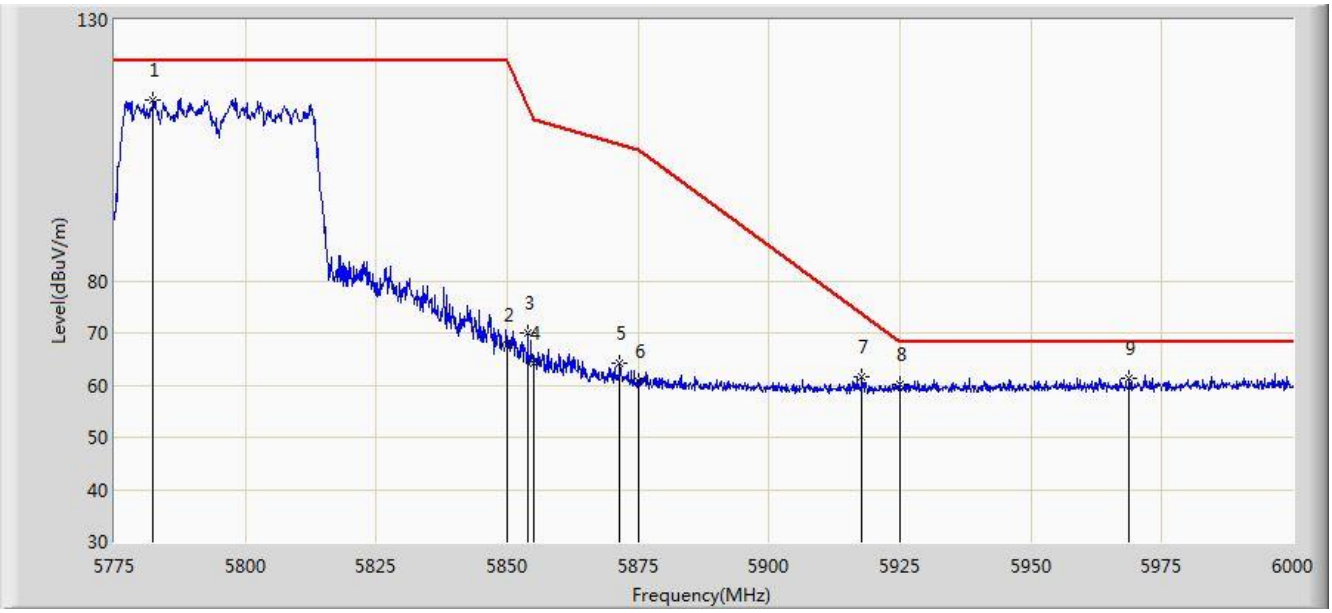


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5779.612	100.572	95.232	N/A	N/A	5.339	PK
2			5850.000	58.650	52.924	-63.550	122.200	5.726	PK
3			5851.725	60.361	54.628	-57.905	118.266	5.732	PK
4			5855.000	59.724	53.978	-51.076	110.800	5.746	PK
5			5868.150	59.999	54.203	-47.117	107.116	5.796	PK
6			5875.000	58.627	52.807	-46.573	105.200	5.820	PK
7			5910.562	60.944	55.013	-17.908	78.852	5.930	PK
8			5925.000	58.487	52.521	-9.713	68.200	5.967	PK
9		*	5958.263	61.466	55.425	-6.734	68.200	6.041	PK

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

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

Site: AC1	Time: 2018/06/30 - 00:49
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 0 + 1 + 2 + 3	

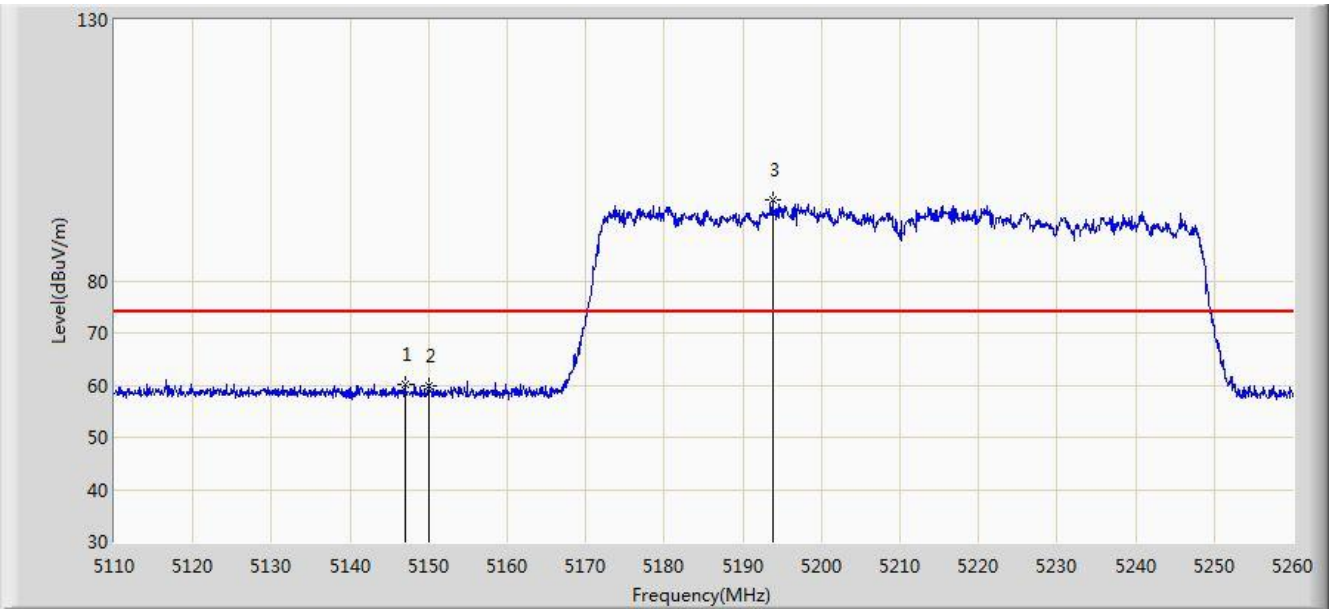


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5782.425	114.663	109.309	N/A	N/A	5.354	PK
2			5850.000	67.599	61.873	-54.601	122.200	5.726	PK
3			5853.975	70.085	64.343	-43.051	113.136	5.741	PK
4			5855.000	64.327	58.581	-46.473	110.800	5.746	PK
5			5871.525	64.313	58.505	-41.859	106.172	5.808	PK
6			5875.000	60.765	54.945	-44.435	105.200	5.820	PK
7			5917.763	61.525	55.576	-12.011	73.536	5.948	PK
8			5925.000	60.137	54.171	-8.063	68.200	5.967	PK
9		*	5968.837	61.300	55.241	-6.900	68.200	6.059	PK

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

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

Site: AC1	Time: 2018/06/30 - 01:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 0 + 1 + 2 + 3	

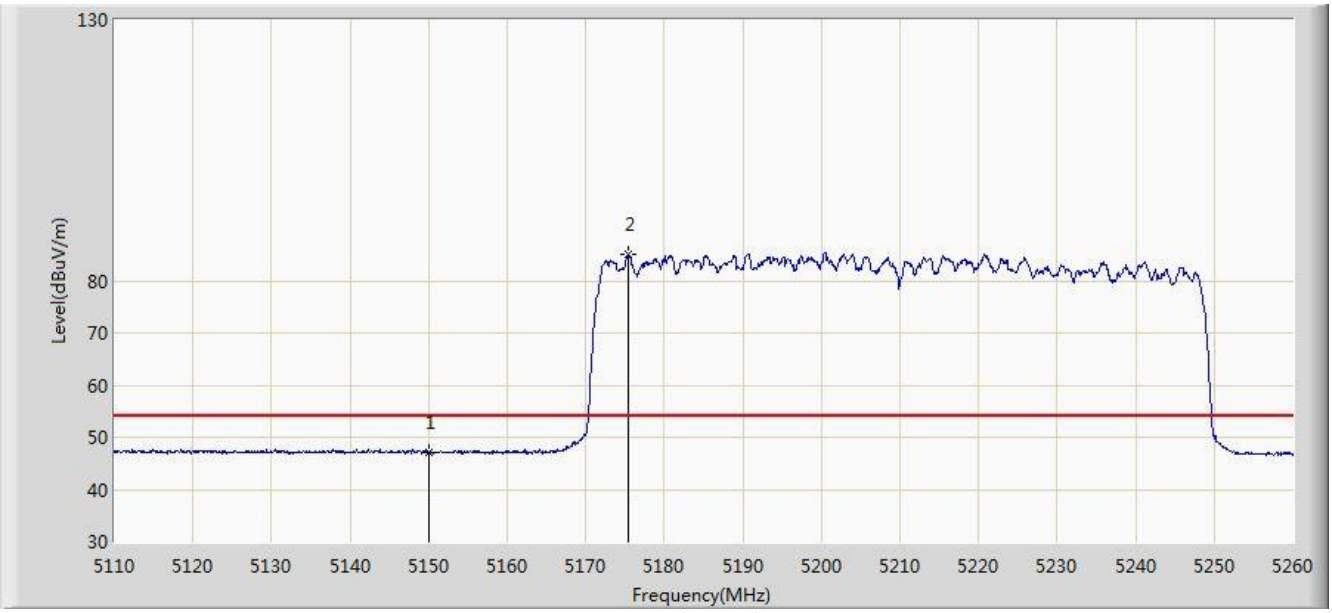


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5146.975	60.284	56.108	-13.716	74.000	4.176	PK
2			5150.000	59.978	55.809	-14.022	74.000	4.170	PK
3		*	5193.775	95.378	91.358	N/A	N/A	4.020	PK

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

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

Site: AC1	Time: 2018/06/30 - 01:07
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 0 + 1 + 2 + 3	

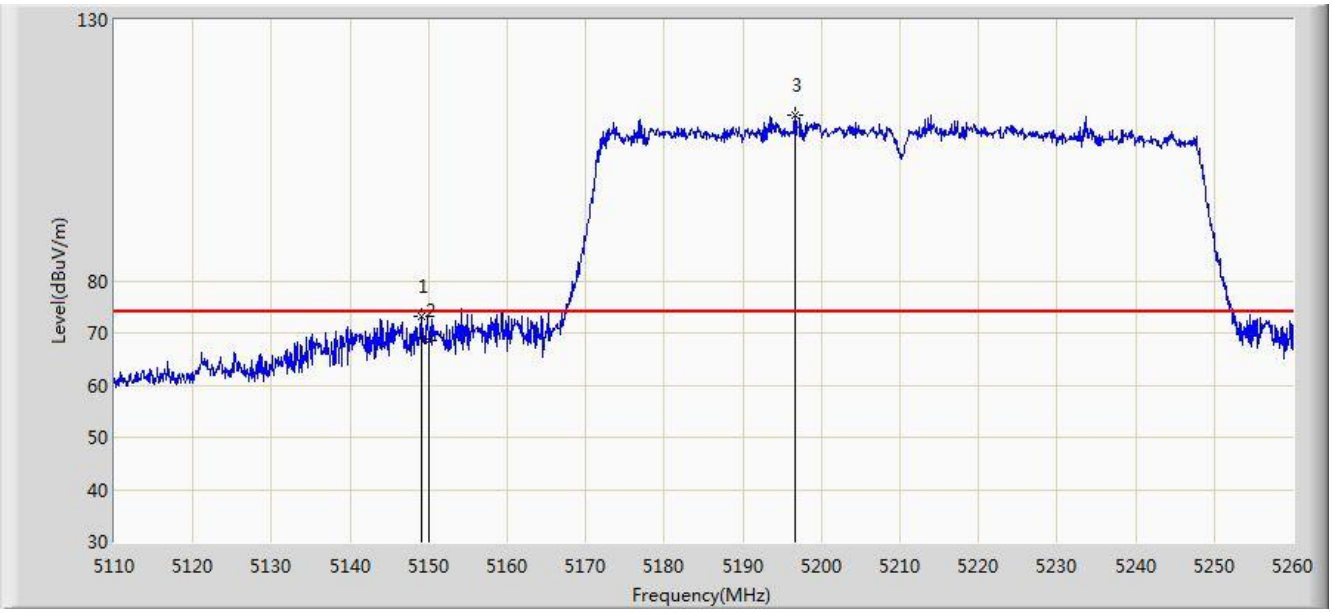


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	47.229	43.060	-6.771	54.000	4.170	AV
2		*	5175.475	85.148	81.063	N/A	N/A	4.084	AV

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

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

Site: AC1	Time: 2018/06/30 - 01:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 0 + 1 + 2 + 3	

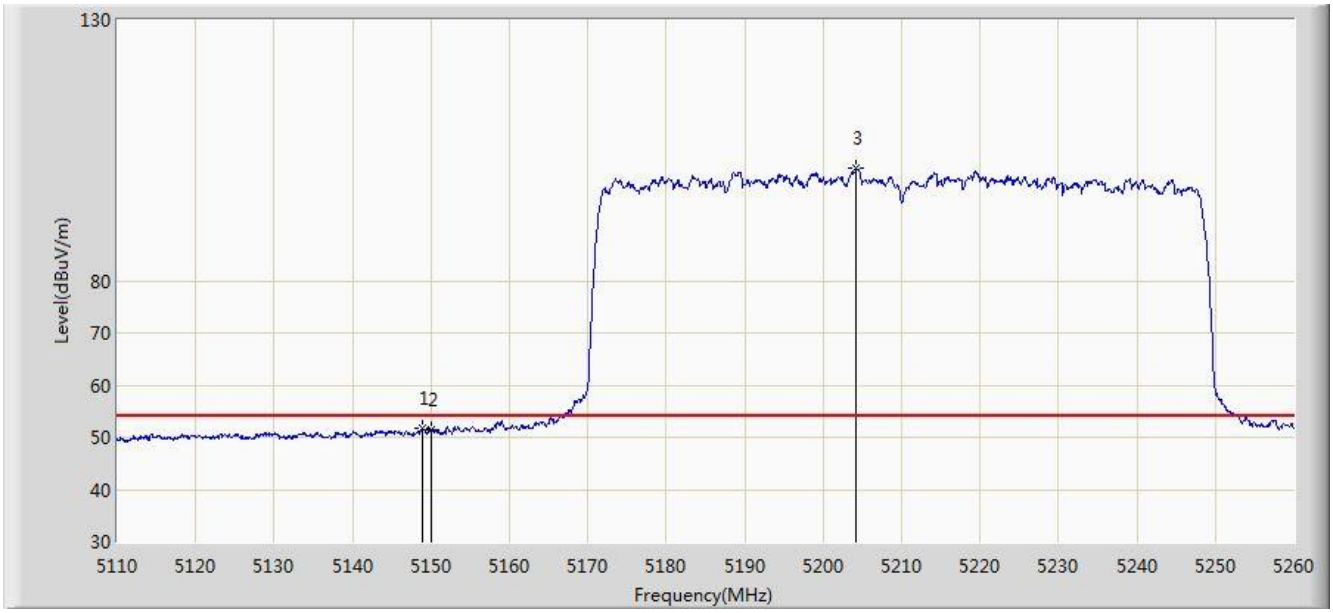


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.150	73.054	68.882	-0.946	74.000	4.172	PK
2			5150.000	68.473	64.304	-5.527	74.000	4.170	PK
3		*	5196.700	111.615	107.605	N/A	N/A	4.010	PK

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

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

Site: AC1	Time: 2018/06/30 - 01:03
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 0 + 1 + 2 + 3	

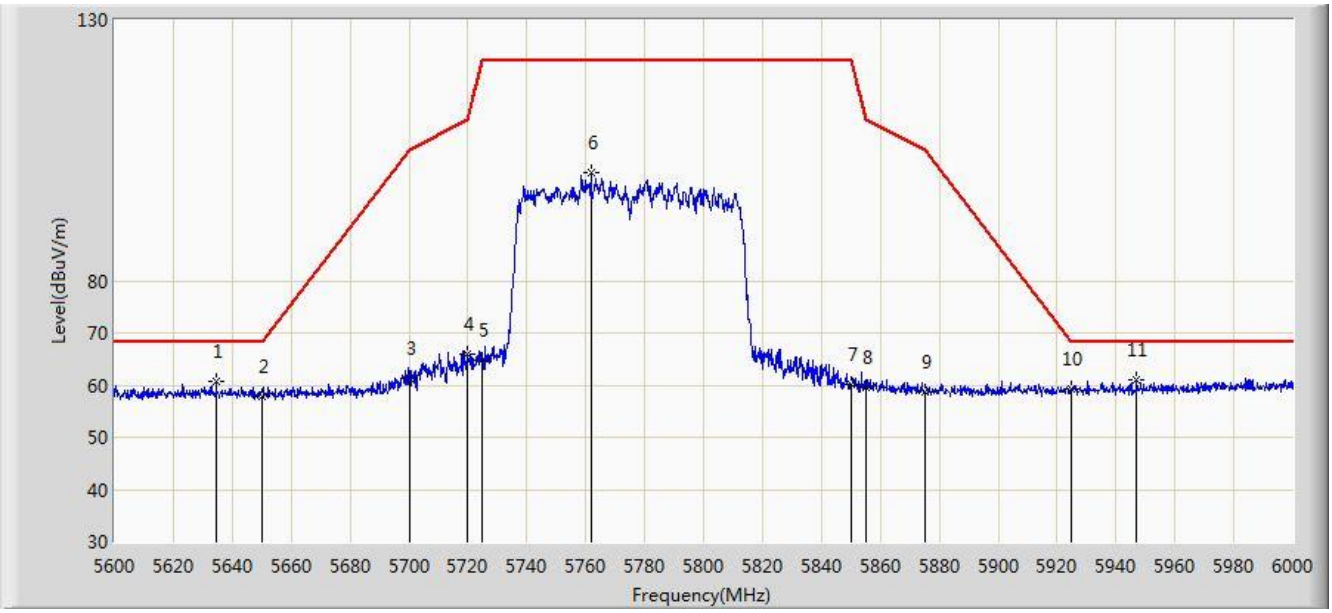


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.850	51.616	47.443	-2.384	54.000	4.173	AV
2			5150.000	51.419	47.250	-2.581	54.000	4.170	AV
3		*	5204.200	101.450	97.464	N/A	N/A	3.986	AV

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

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

Site: AC1	Time: 2018/06/30 - 05:31
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Ant 0 + 1 + 2 + 3	

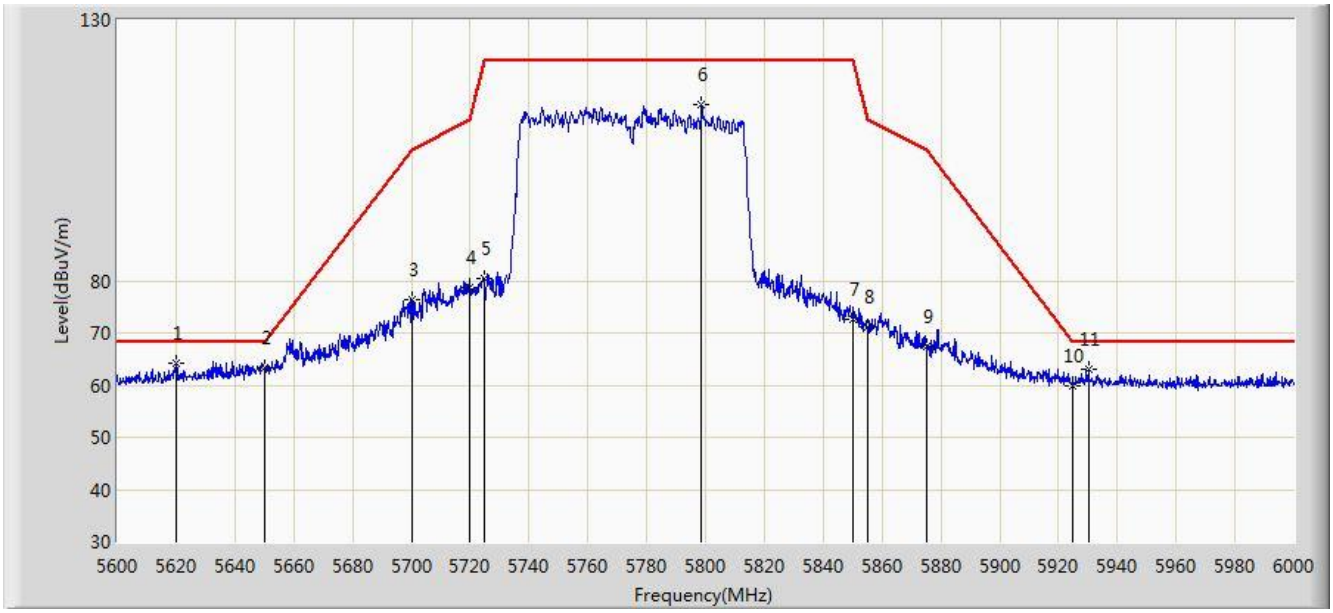


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5634.600	60.837	56.215	-7.363	68.200	4.622	PK
2			5650.000	57.860	53.189	-10.340	68.200	4.671	PK
3			5700.000	61.211	56.333	-43.989	105.200	4.878	PK
4			5720.000	66.032	61.035	-44.768	110.800	4.997	PK
5			5725.000	64.729	59.700	-57.471	122.200	5.029	PK
6			5761.800	100.835	95.586	N/A	N/A	5.249	PK
7			5850.000	60.013	54.287	-62.187	122.200	5.726	PK
8			5855.000	59.610	53.864	-51.190	110.800	5.746	PK
9			5875.000	58.576	52.756	-46.624	105.200	5.820	PK
10			5925.000	59.197	53.231	-9.003	68.200	5.967	PK
11		*	5947.000	61.133	55.113	-7.067	68.200	6.020	PK

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

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

Site: AC1	Time: 2018/06/30 - 05:28
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Ant 0 + 1 + 2 + 3	

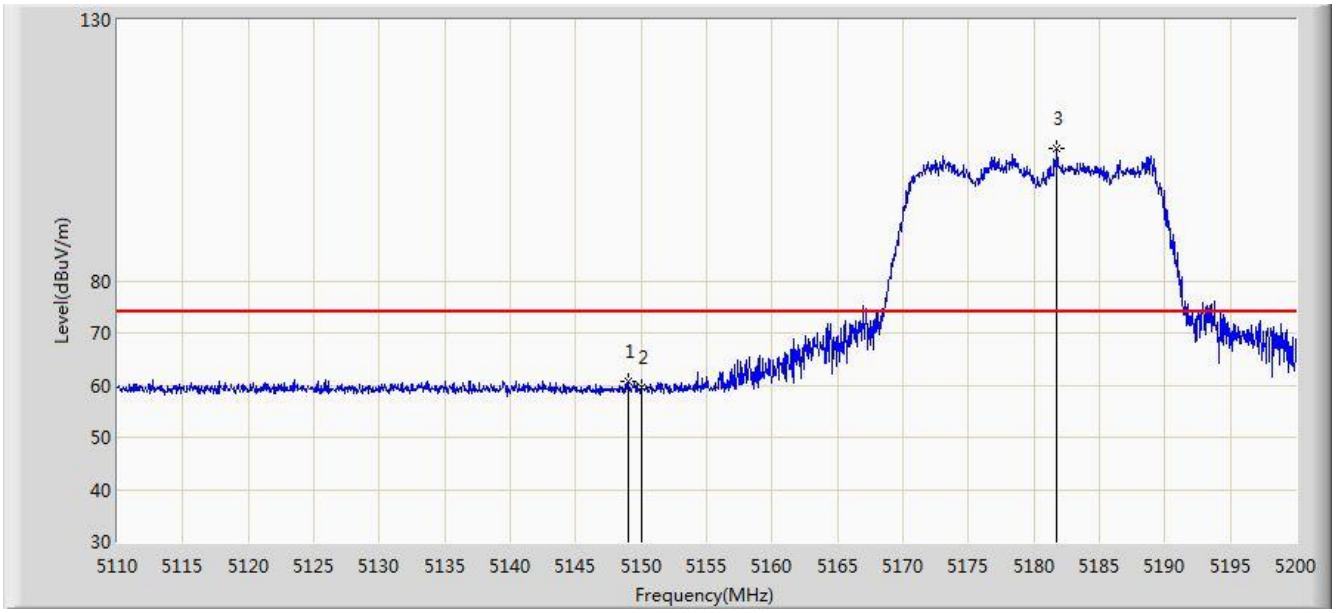


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5620.200	64.173	59.592	-4.027	68.200	4.581	PK
2			5650.000	63.455	58.784	-4.745	68.200	4.671	PK
3			5700.000	76.430	71.552	-28.770	105.200	4.878	PK
4			5720.000	78.740	73.743	-32.060	110.800	4.997	PK
5			5725.000	80.405	75.376	-41.795	122.200	5.029	PK
6			5798.600	113.812	108.375	N/A	N/A	5.438	PK
7			5850.000	72.539	66.813	-49.661	122.200	5.726	PK
8			5855.000	71.036	65.290	-39.764	110.800	5.746	PK
9			5875.000	67.317	61.497	-37.883	105.200	5.820	PK
10			5925.000	59.802	53.836	-8.398	68.200	5.967	PK
11			5930.200	63.140	57.161	-5.060	68.200	5.979	PK

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

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

Site: AC1	Time: 2018/06/30 - 06:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at Channel 5180MHz Ant 0 + 1 + 2 + 3	

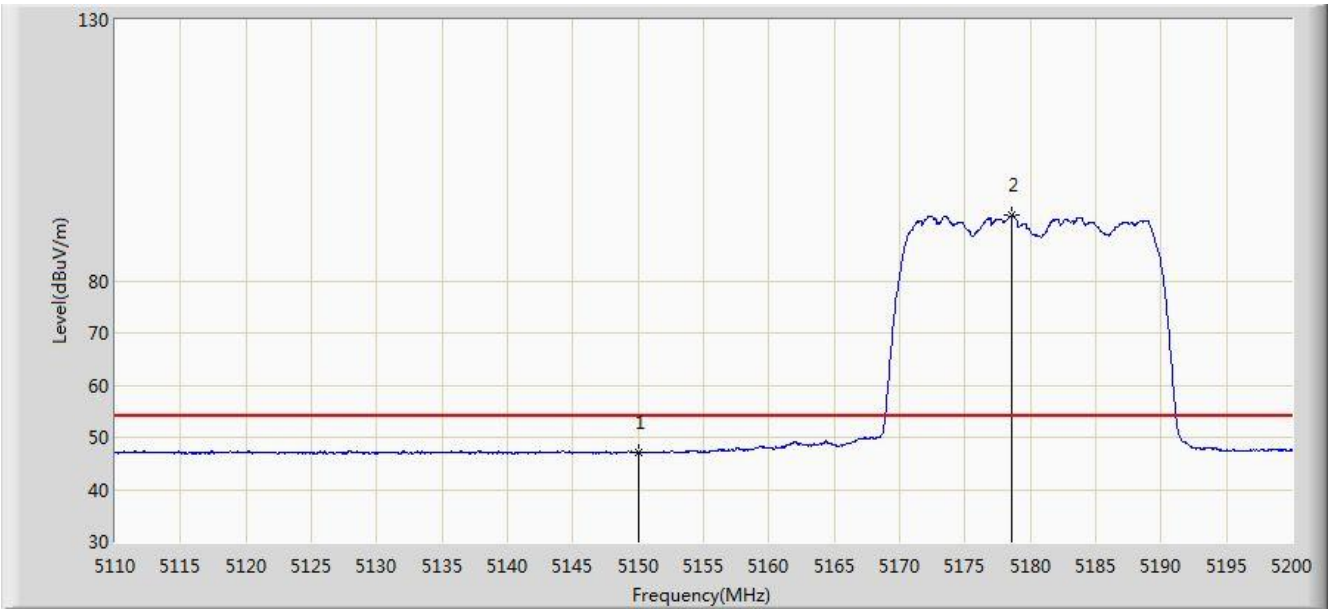


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.015	60.605	56.433	-13.395	74.000	4.173	PK
2			5150.000	59.683	55.514	-14.317	74.000	4.170	PK
3		*	5181.775	105.264	101.201	N/A	N/A	4.063	PK

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

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

Site: AC1	Time: 2018/06/30 - 06:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at Channel 5180MHz Ant 0 + 1 + 2 + 3	

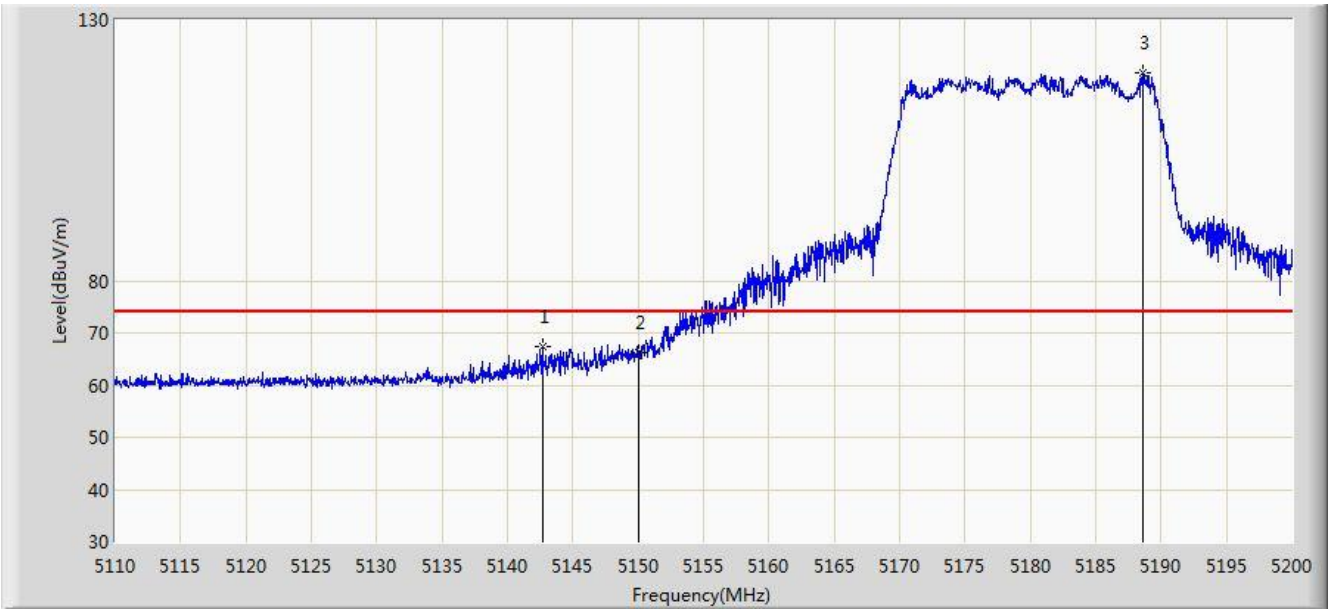


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	47.016	42.847	-6.984	54.000	4.170	AV
2		*	5178.625	92.636	88.562	N/A	N/A	4.074	AV

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

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

Site: AC1	Time: 2018/06/30 - 06:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at Channel 5180MHz Ant 0 + 1 + 2 + 3	

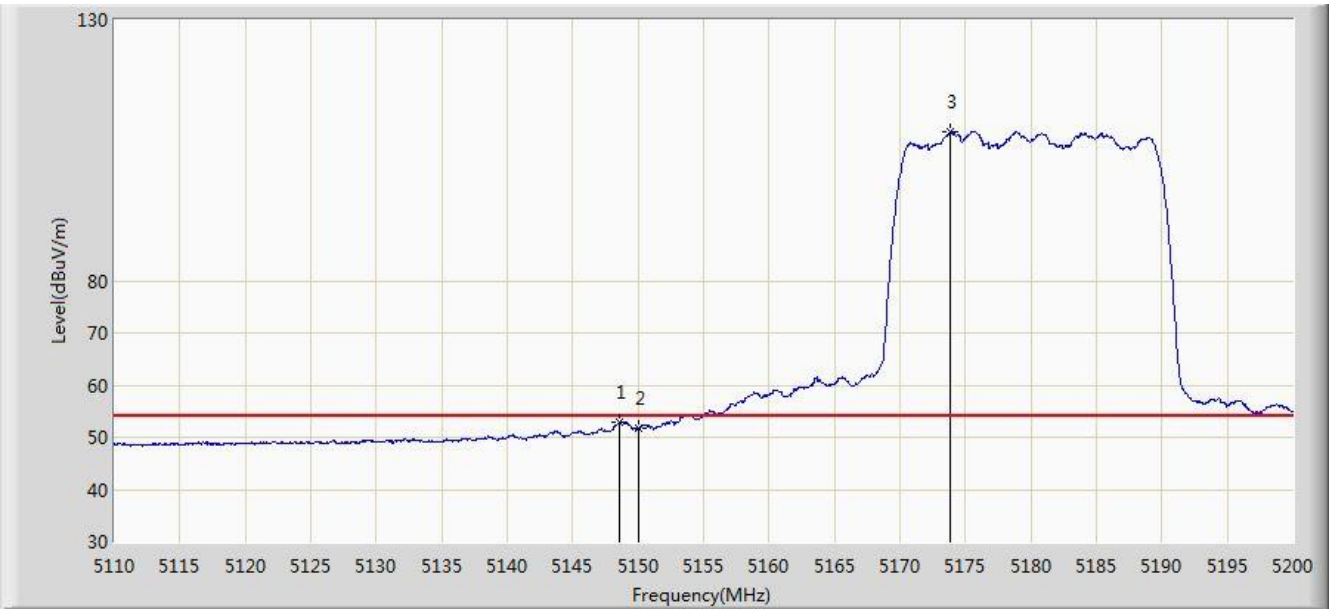


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5142.715	67.271	63.095	-6.729	74.000	4.176	PK
2			5150.000	66.290	62.121	-7.710	74.000	4.170	PK
3		*	5188.660	119.757	115.719	N/A	N/A	4.038	PK

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

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

Site: AC1	Time: 2018/06/30 - 06:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at Channel 5180MHz Ant 0 + 1 + 2 + 3	

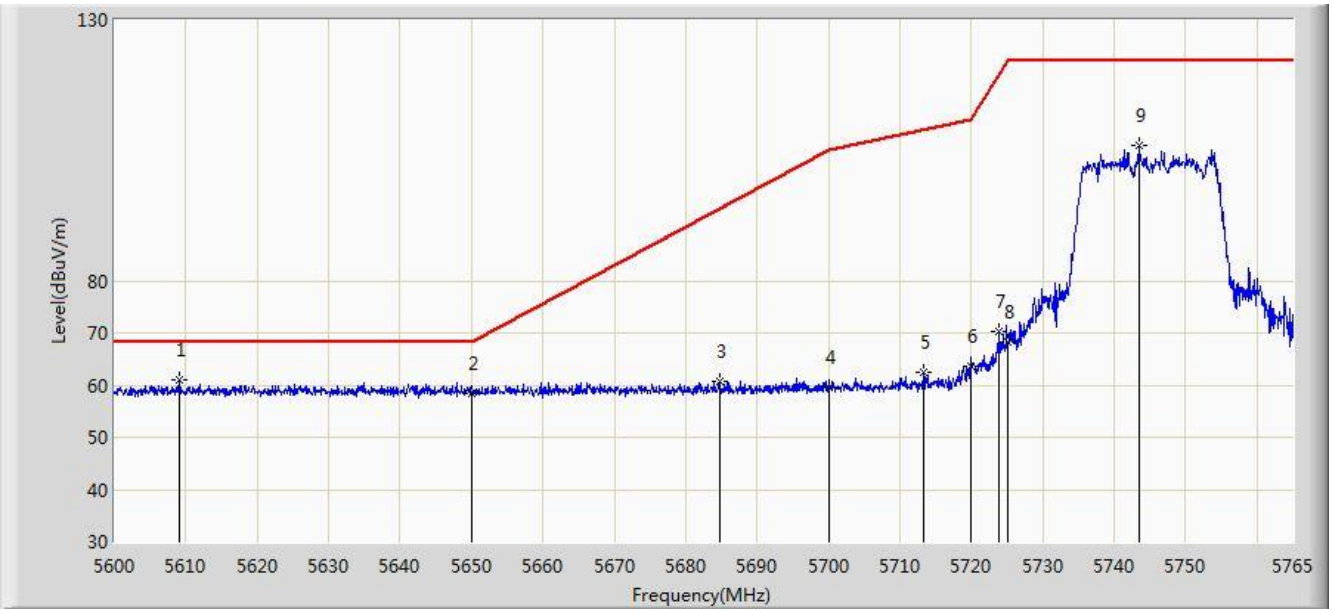


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.610	52.857	48.683	-1.143	54.000	4.174	AV
2			5150.000	51.716	47.547	-2.284	54.000	4.170	AV
3	X	*	5173.810	108.419	104.328	N/A	N/A	4.091	AV

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

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

Site: AC1	Time: 2018/06/30 - 06:44
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at Channel 5745MHz Ant 0 + 1 + 2 + 3	

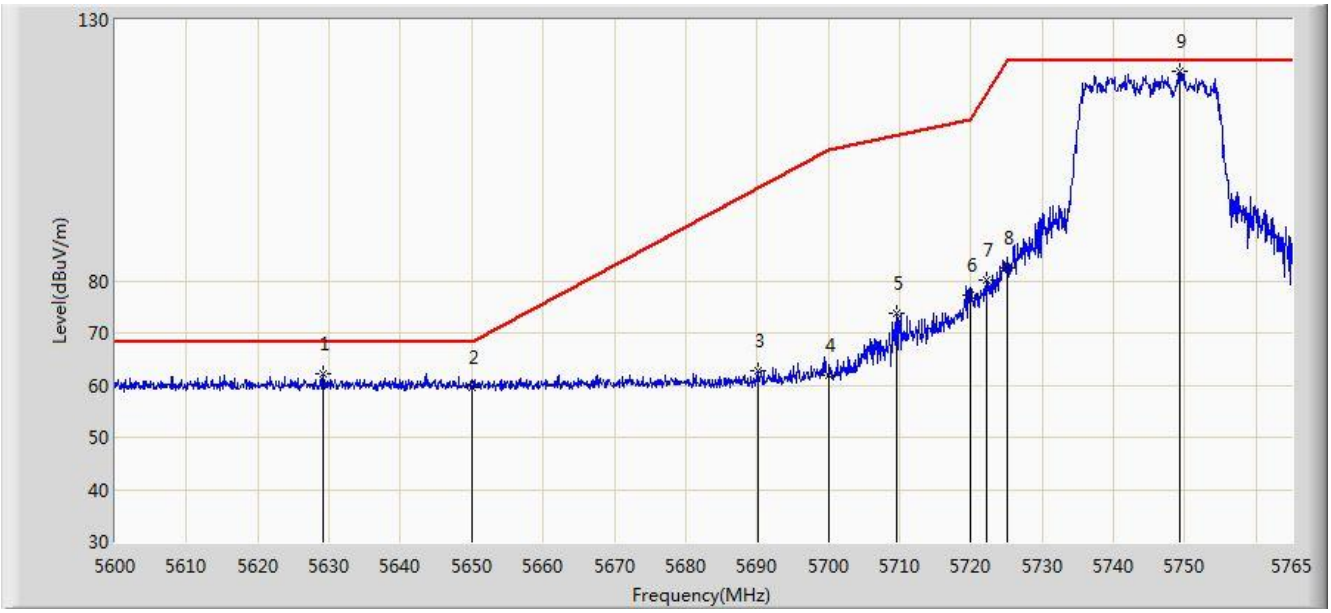


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5609.075	61.048	56.499	-7.152	68.200	4.549	PK
2			5650.000	58.514	53.843	-9.686	68.200	4.671	PK
3			5684.810	60.744	55.937	-33.250	93.994	4.807	PK
4			5700.000	59.491	54.613	-45.709	105.200	4.878	PK
5			5713.272	62.486	57.532	-46.433	108.918	4.953	PK
6			5720.000	63.716	58.719	-47.084	110.800	4.997	PK
7			5723.915	70.420	65.398	-49.307	119.727	5.022	PK
8			5725.000	68.359	63.330	-53.841	122.200	5.029	PK
9			5743.467	105.879	100.733	N/A	N/A	5.147	PK

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

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

Site: AC1	Time: 2018/06/30 - 06:42
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at Channel 5745MHz Ant 0 + 1 + 2 + 3	

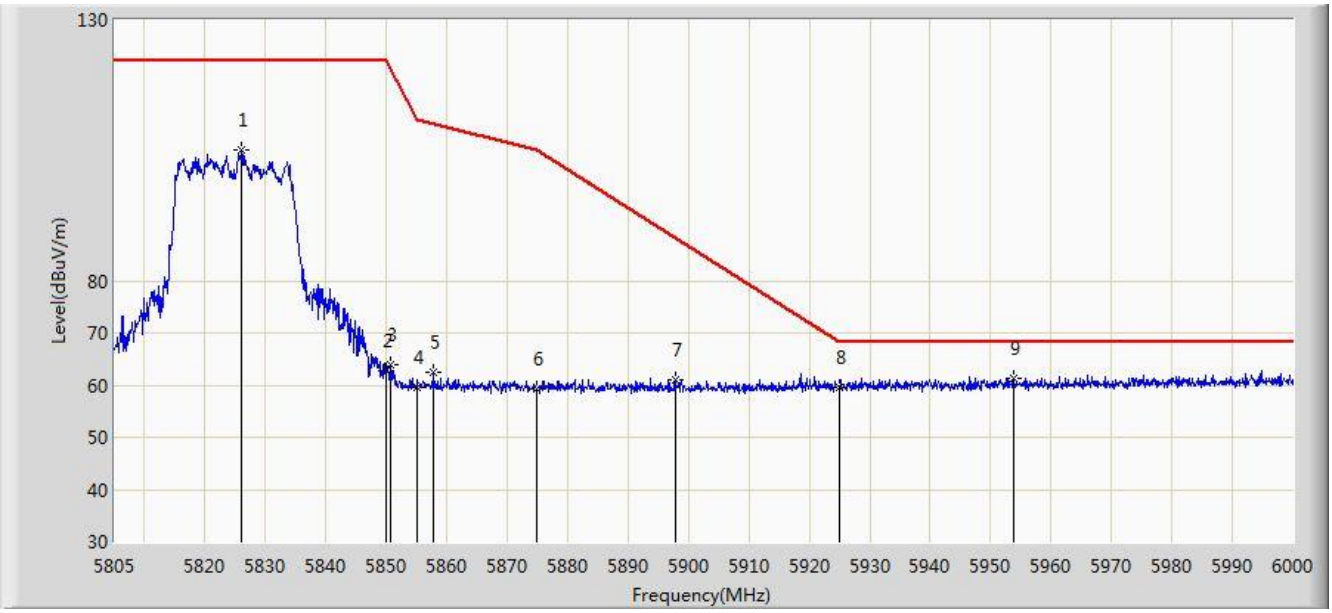


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5629.205	62.283	57.676	-5.917	68.200	4.607	PK
2			5650.000	59.549	54.878	-8.651	68.200	4.671	PK
3			5690.090	62.873	58.045	-35.020	97.892	4.828	PK
4			5700.000	62.021	57.143	-43.179	105.200	4.878	PK
5			5709.643	73.673	68.743	-34.229	107.902	4.930	PK
6			5720.000	77.179	72.182	-33.621	110.800	4.997	PK
7			5722.265	80.056	75.045	-35.909	115.965	5.012	PK
8			5725.000	82.468	77.439	-39.732	122.200	5.029	PK
9		*	5749.325	120.072	114.893	N/A	N/A	5.179	PK

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

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

Site: AC1	Time: 2018/06/30 - 06:48
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at Channel 5825MHz Ant 0 + 1 + 2 + 3	

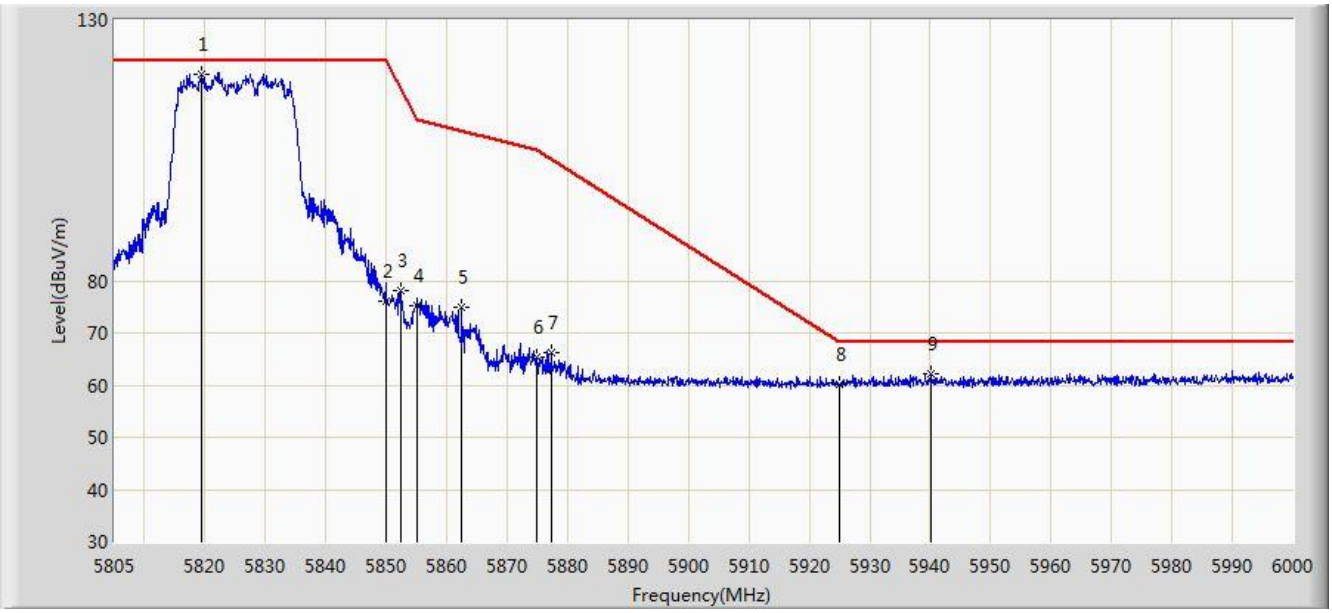


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5826.060	105.132	99.538	N/A	N/A	5.594	PK
2			5850.000	62.831	57.105	-59.369	122.200	5.726	PK
3			5850.728	63.870	58.141	-56.670	120.540	5.729	PK
4			5855.000	59.709	53.963	-51.091	110.800	5.746	PK
5			5857.845	62.528	56.770	-47.474	110.002	5.759	PK
6			5875.000	59.171	53.351	-46.029	105.200	5.820	PK
7			5897.820	61.067	55.170	-27.207	88.274	5.898	PK
8			5925.000	59.446	53.480	-8.754	68.200	5.967	PK
9		*	5953.785	61.341	55.308	-6.859	68.200	6.033	PK

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

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

Site: AC1	Time: 2018/06/30 - 06:46
Limit: FCC_Part15.407_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at Channel 5825MHz Ant 0 + 1 + 2 + 3	

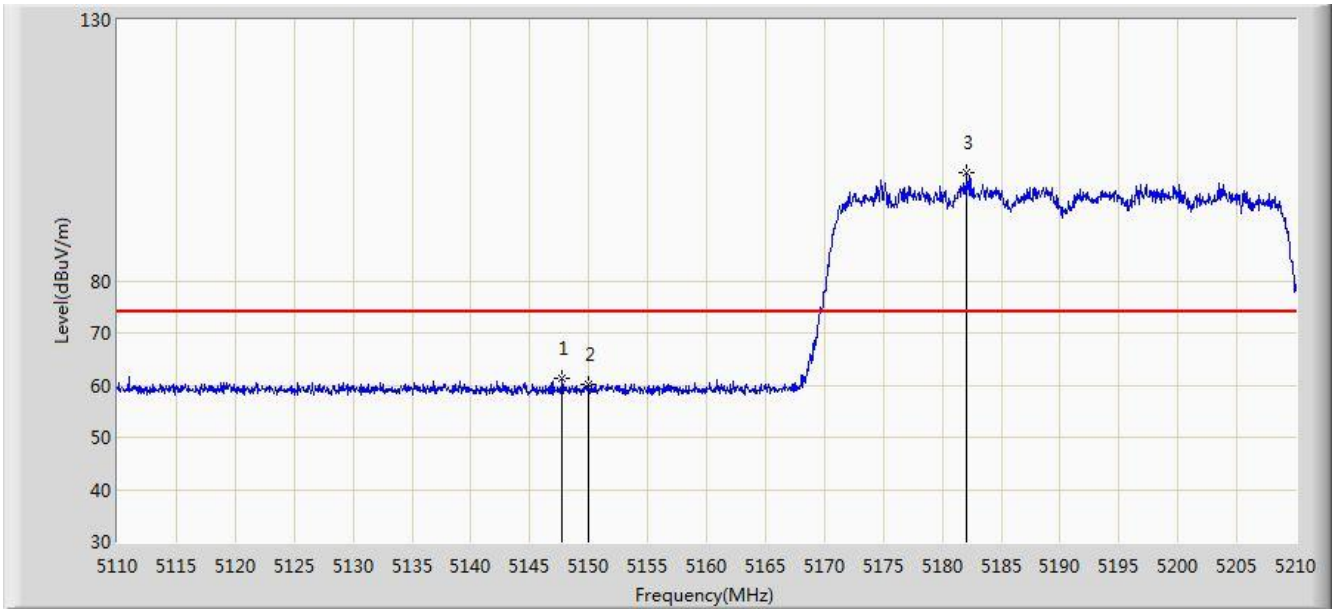


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5819.527	119.648	114.092	N/A	N/A	5.556	PK
2			5850.000	76.017	70.291	-46.183	122.200	5.726	PK
3			5852.288	78.135	72.400	-38.847	116.982	5.735	PK
4			5855.000	75.317	69.571	-35.483	110.800	5.746	PK
5			5862.428	74.830	69.053	-33.888	108.718	5.776	PK
6			5875.000	65.346	59.526	-39.854	105.200	5.820	PK
7			5877.248	66.201	60.373	-37.329	103.530	5.828	PK
8			5925.000	60.013	54.047	-8.187	68.200	5.967	PK
9			5940.135	62.275	56.271	-5.925	68.200	6.004	PK

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

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

Site: AC1	Time: 2018/06/30 - 07:03
Limit: FCC_Part15.209_RE(3m)	Engineer: Kevin
Probe: BBHA9120D_1GHz_18GHz	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at Channel 5190MHz Ant 0 + 1 + 2 + 3	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.750	61.412	57.236	-12.588	74.000	4.176	PK
2			5150.000	60.017	55.848	-13.983	74.000	4.170	PK
3		*	5182.100	100.856	96.795	N/A	N/A	4.061	PK

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

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