Test Mode:	802.11n-HT40 - Ant 0	Test Site:	AC1
Test Channel:	151	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7672.5	41.7	8.0	49.7	74.0	-24.3	Peak	Horizontal
*	8769.0	33.8	9.0	42.8	68.2	-25.4	Peak	Horizontal
*	9721.0	32.6	11.1	43.7	68.2	-24.5	Peak	Horizontal
	11506.0	49.3	12.8	62.1	74.0	-11.9	Peak	Horizontal
	11509.9	37.5	12.8	50.3	54.0	-3.7	Average	Horizontal
	8259.0	32.7	8.1	40.8	74.0	-33.2	Peak	Vertical
*	8811.5	33.0	9.0	42.0	68.2	-26.2	Peak	Vertical
*	9678.5	33.3	10.9	44.2	68.2	-24.0	Peak	Vertical
	11506.0	46.9	12.8	59.7	74.0	-14.3	Peak	Vertical
	11509.9	37.1	12.8	49.9	54.0	-4.1	Average	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Mode:	802.11n-HT40 - Ant 0	Test Site:	AC1
Test Channel:	159	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7723.5	43.7	8.0	51.7	74.0	-22.3	Peak	Horizontal
*	8811.5	33.2	9.0	42.2	68.2	-26.0	Peak	Horizontal
*	9823.0	31.8	11.6	43.4	68.2	-24.8	Peak	Horizontal
	11582.5	46.0	12.6	58.6	74.0	-15.4	Peak	Horizontal
	11589.8	36.5	12.6	49.1	54.0	-4.9	Average	Horizontal
	8174.0	33.6	8.4	42.0	74.0	-32.0	Peak	Vertical
*	8777.5	33.2	8.9	42.1	68.2	-26.1	Peak	Vertical
*	9780.5	31.6	11.4	43.0	68.2	-25.2	Peak	Vertical
	11582.5	42.3	12.6	54.9	74.0	-19.1	Peak	Vertical
	11590.0	31.6	12.6	44.2	54.0	-9.8	Average	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Mode:	802.11ac-VHT20 - Ant 0	Test Site:	AC1
Test Channel:	36	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8199.5	32.9	8.3	41.2	74.0	-32.8	Peak	Horizontal
*	8930.5	33.0	9.0	42.0	68.2	-26.2	Peak	Horizontal
*	9636.0	33.8	11.0	44.8	68.2	-23.4	Peak	Horizontal
	11506.0	32.5	12.8	45.3	74.0	-28.7	Peak	Horizontal
	8208.0	33.1	8.3	41.4	74.0	-32.6	Peak	Vertical
*	8692.5	33.1	9.0	42.1	68.2	-26.1	Peak	Vertical
*	9772.0	33.1	11.4	44.5	68.2	-23.7	Peak	Vertical
	11030.0	32.8	13.0	45.8	74.0	-28.2	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)

Test Mode:	802.11ac-VHT20 - Ant 0	Test Site:	AC1
Test Channel:	44	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8310.0	33.9	8.0	41.9	74.0	-32.1	Peak	Horizontal
*	9925.0	31.8	11.5	43.3	68.2	-24.9	Peak	Horizontal
*	10435.0	43.3	12.0	55.3	68.2	-12.9	Peak	Horizontal
	11429.5	32.3	12.6	44.9	74.0	-29.1	Peak	Horizontal
	8310.0	33.9	8.0	41.9	74.0	-32.1	Peak	Vertical
*	8854.0	33.0	9.1	42.1	68.2	-26.1	Peak	Vertical
*	9746.5	32.2	11.3	43.5	68.2	-24.7	Peak	Vertical
	11480.5	32.7	12.7	45.4	74.0	-28.6	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)

Test Mode:	802.11ac-VHT20 - Ant 0	Test Site:	AC1
Test Channel:	48	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8284.5	32.8	8.1	40.9	74.0	-33.1	Peak	Horizontal
*	9789.0	31.6	11.4	43.0	68.2	-25.2	Peak	Horizontal
*	10486.0	43.8	12.3	56.1	68.2	-12.1	Peak	Horizontal
	11327.5	32.7	12.5	45.2	74.0	-28.8	Peak	Horizontal
	8216.5	32.8	8.3	41.1	74.0	-32.9	Peak	Vertical
*	8820.0	32.3	9.0	41.3	68.2	-26.9	Peak	Vertical
*	9823.0	31.4	11.6	43.0	68.2	-25.2	Peak	Vertical
	11030.0	32.6	13.0	45.6	74.0	-28.4	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)

Test Mode:	802.11ac-VHT20 - Ant 0	Test Site:	AC1
Test Channel:	149	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	41.8	8.0	49.8	74.0	-24.2	Peak	Horizontal
*	8854.0	33.3	9.1	42.4	68.2	-25.8	Peak	Horizontal
*	9891.0	31.6	11.6	43.2	68.2	-25.0	Peak	Horizontal
	11489.0	53.9	12.8	66.7	74.0	-7.3	Peak	Horizontal
	11489.2	39.3	12.8	52.1	54.0	-1.9	Average	Horizontal
*	8259.0	33.7	8.1	41.8	74.0	-32.2	Peak	Vertical
*	8769.0	33.0	9.0	42.0	68.2	-26.2	Peak	Vertical
	9925.0	32.1	11.5	43.6	68.2	-24.6	Peak	Vertical
*	11489.2	37.8	12.8	50.6	54.0	-3.4	Average	Vertical
*	11497.5	49.6	12.8	62.4	74.0	-11.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Mode:	802.11ac-VHT20 - Ant 0	Test Site:	AC1
Test Channel:	157	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7715.0	44.2	8.0	52.2	74.0	-21.8	Peak	Horizontal
*	8607.5	33.4	8.8	42.2	68.2	-26.0	Peak	Horizontal
*	9729.5	32.6	11.1	43.7	68.2	-24.5	Peak	Horizontal
	11565.5	49.5	12.7	62.2	74.0	-11.8	Peak	Horizontal
	11569.5	38.0	12.7	50.7	54.0	-3.3	Average	Horizontal
*	8131.5	33.4	8.5	41.9	74.0	-32.1	Peak	Vertical
*	8888.0	33.0	9.2	42.2	68.2	-26.0	Peak	Vertical
	9610.5	33.0	10.9	43.9	68.2	-24.3	Peak	Vertical
*	11565.5	47.0	12.7	59.7	74.0	-14.3	Peak	Vertical
*	11569.0	34.2	12.7	46.9	54.0	-7.1	Average	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Mode:	802.11ac-VHT20 - Ant 0	Test Site:	AC1
Test Channel:	165	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7400.5	34.9	7.9	42.8	74.0	-31.2	Peak	Horizontal
*	7766.0	41.2	8.2	49.4	68.2	-18.8	Peak	Horizontal
*	8811.5	33.4	9.0	42.4	68.2	-25.8	Peak	Horizontal
	11649.4	36.9	12.3	49.2	54.0	-4.8	Average	Horizontal
	11650.5	47.9	12.3	60.2	74.0	-13.8	Peak	Horizontal
*	8225.0	33.5	8.2	41.7	74.0	-32.3	Peak	Vertical
*	8811.5	33.4	9.0	42.4	68.2	-25.8	Peak	Vertical
	9950.5	32.0	11.5	43.5	68.2	-24.7	Peak	Vertical
	11642.0	44.0	12.4	56.4	74.0	-17.6	Peak	Vertical
	11649.6	32.1	12.3	44.4	54.0	-9.6	Average	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Mode:	802.11ac-VHT40 - Ant 0	Test Site:	AC1
Test Channel:	38	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8225.0	33.5	8.2	41.7	74.0	-32.3	Peak	Horizontal
*	8735.0	33.6	8.9	42.5	68.2	-25.7	Peak	Horizontal
*	9729.5	32.4	11.1	43.5	68.2	-24.7	Peak	Horizontal
	11081.0	32.7	12.9	45.6	74.0	-28.4	Peak	Horizontal
	8199.5	33.0	8.3	41.3	74.0	-32.7	Peak	Vertical
*	8854.0	32.4	9.1	41.5	68.2	-26.7	Peak	Vertical
*	9831.5	31.2	11.6	42.8	68.2	-25.4	Peak	Vertical
	11429.5	31.7	12.6	44.3	74.0	-29.7	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)

Test Mode:	802.11ac-VHT40 - Ant 0	Test Site:	AC1
Test Channel:	46	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8199.5	33.1	8.3	41.4	74.0	-32.6	Peak	Horizontal
*	9840.0	31.3	11.6	42.9	68.2	-25.3	Peak	Horizontal
*	10452.0	38.9	12.0	50.9	68.2	-17.3	Peak	Horizontal
	11225.5	32.4	12.4	44.8	74.0	-29.2	Peak	Horizontal
	8199.5	33.5	8.3	41.8	74.0	-32.2	Peak	Vertical
*	8998.5	32.5	8.9	41.4	68.2	-26.8	Peak	Vertical
*	9729.5	32.4	11.1	43.5	68.2	-24.7	Peak	Vertical
	11225.5	32.6	12.4	45.0	74.0	-29.0	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)

Test Mode:	802.11ac-VHT40 - Ant 0	Test Site:	AC1
Test Channel:	151	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7672.5	41.5	8.0	49.5	74.0	-24.5	Peak	Horizontal
*	8735.0	32.6	8.9	41.5	68.2	-26.7	Peak	Horizontal
*	9823.0	31.9	11.6	43.5	68.2	-24.7	Peak	Horizontal
	11506.0	48.1	12.8	60.9	74.0	-13.1	Peak	Horizontal
	11510.0	38.2	12.8	51.0	54.0	-3.0	Average	Horizontal
	8165.5	33.5	8.4	41.9	74.0	-32.1	Peak	Vertical
*	8743.5	33.8	9.0	42.8	68.2	-25.4	Peak	Vertical
*	9857.0	32.0	11.6	43.6	68.2	-24.6	Peak	Vertical
	11506.0	46.9	12.8	59.7	74.0	-14.3	Peak	Vertical
	11509.9	37.4	12.8	50.2	54.0	-3.8	Average	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Mode:	802.11ac-VHT40 - Ant 0	Test Site:	AC1
Test Channel:	159	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7723.5	42.5	8.0	50.5	74.0	-23.5	Peak	Horizontal
*	8769.0	32.7	9.0	41.7	68.2	-26.5	Peak	Horizontal
*	9857.0	32.0	11.6	43.6	68.2	-24.6	Peak	Horizontal
	11590.0	36.1	12.6	48.7	54.0	-5.3	Average	Horizontal
	11591.0	47.8	12.6	60.4	74.0	-13.6	Peak	Horizontal
	8131.5	33.4	8.5	41.9	74.0	-32.1	Peak	Vertical
*	8820.0	33.5	9.0	42.5	68.2	-25.7	Peak	Vertical
*	9814.5	32.5	11.6	44.1	68.2	-24.1	Peak	Vertical
	11574.0	41.5	12.6	54.1	74.0	-19.9	Peak	Vertical
	11589.9	32.0	12.6	44.6	54.0	-9.4	Average	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Mode:	802.11ac-VHT80 - Ant 0	Test Site:	AC1
Test Channel:	42	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8131.5	33.4	8.5	41.9	74.0	-32.1	Peak	Horizontal
*	8854.0	33.4	9.1	42.5	68.2	-25.7	Peak	Horizontal
*	9721.0	32.4	11.1	43.5	68.2	-24.7	Peak	Horizontal
	11412.5	32.1	12.6	44.7	74.0	-29.3	Peak	Horizontal
	8199.5	33.1	8.3	41.4	74.0	-32.6	Peak	Vertical
*	8735.0	32.9	8.9	41.8	68.2	-26.4	Peak	Vertical
*	9772.0	32.3	11.4	43.7	68.2	-24.5	Peak	Vertical
	11021.5	34.0	13.0	47.0	74.0	-27.0	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)

Test Mode:	802.11ac-VHT80 - Ant 0	Test Site:	AC1
Test Channel:	155	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7698.0	43.6	8.0	51.6	74.0	-22.4	Peak	Horizontal
*	8837.0	34.3	9.1	43.4	68.2	-24.8	Peak	Horizontal
*	9857.0	33.8	11.6	45.4	68.2	-22.8	Peak	Horizontal
	11549.7	30.9	12.7	43.6	54.0	-10.4	Average	Horizontal
	11565.5	42.7	12.7	55.4	74.0	-18.6	Peak	Horizontal
	8140.0	33.5	8.5	42.0	74.0	-32.0	Peak	Vertical
*	8769.0	33.4	9.0	42.4	68.2	-25.8	Peak	Vertical
*	9814.5	33.1	11.6	44.7	68.2	-23.5	Peak	Vertical
	11565.5	39.6	12.7	52.3	74.0	-21.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Mode:	802.11n-HT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	36	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8242.0	33.6	8.1	41.7	74.0	-32.3	Peak	Horizontal
*	9695.5	33.0	10.9	43.9	68.2	-24.3	Peak	Horizontal
*	10358.5	45.1	12.2	57.3	68.2	-10.9	Peak	Horizontal
	11489.0	33.0	12.8	45.8	74.0	-28.2	Peak	Horizontal
	8242.0	33.8	8.1	41.9	74.0	-32.1	Peak	Vertical
*	8854.0	33.2	9.1	42.3	68.2	-25.9	Peak	Vertical
*	9899.5	32.9	11.6	44.5	68.2	-23.7	Peak	Vertical
	11183.0	32.4	12.6	45.0	74.0	-29.0	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)

Test Mode:	802.11n-HT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	44	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8242.0	33.9	8.1	42.0	74.0	-32.0	Peak	Horizontal
*	9840.0	31.7	11.6	43.3	68.2	-24.9	Peak	Horizontal
*	10435.0	46.8	12.0	58.8	68.2	-9.4	Peak	Horizontal
	11166.0	32.2	12.6	44.8	74.0	-29.2	Peak	Horizontal
	8242.0	33.9	8.1	42.0	74.0	-32.0	Peak	Vertical
*	8735.0	32.8	8.9	41.7	68.2	-26.5	Peak	Vertical
*	9882.5	31.4	11.6	43.0	68.2	-25.2	Peak	Vertical
	11089.5	32.6	12.8	45.4	74.0	-28.6	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)

Test Mode:	802.11n-HT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	48	Test Engineer:	Alex Ma
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8165.5	34.1	8.4	42.5	74.0	-31.5	Peak	Horizontal
*	9687.0	33.7	10.9	44.6	68.2	-23.6	Peak	Horizontal
*	10477.5	43.4	12.2	55.6	68.2	-12.6	Peak	Horizontal
	11455.0	34.3	12.7	47.0	74.0	-27.0	Peak	Horizontal
	8165.5	34.1	8.4	42.5	74.0	-31.5	Peak	Vertical
*	8828.5	34.4	9.1	43.5	68.2	-24.7	Peak	Vertical
*	9806.0	33.1	11.5	44.6	68.2	-23.6	Peak	Vertical
	11472.0	33.6	12.7	46.3	74.0	-27.7	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)

Test Mode:	802.11n-HT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	149	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8114.5	33.7	8.6	42.3	74.0	-31.7	Peak	Horizontal
*	8777.5	34.3	8.9	43.2	68.2	-25.0	Peak	Horizontal
*	9814.5	32.1	11.6	43.7	68.2	-24.5	Peak	Horizontal
	11489.0	53.1	12.8	65.9	74.0	-8.1	Peak	Horizontal
	11489.4	40.5	12.8	53.3	54.0	-0.7	Average	Horizontal
	8131.5	34.3	8.5	42.8	74.0	-31.2	Peak	Vertical
*	8811.5	33.9	9.0	42.9	68.2	-25.3	Peak	Vertical
*	9908.0	32.2	11.6	43.8	68.2	-24.4	Peak	Vertical
	11488.6	38.6	12.8	51.4	54.0	-2.6	Average	Vertical
	11489.0	52.4	12.8	65.2	74.0	-8.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Mode:	802.11n-HT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	157	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7715.0	41.9	8.0	49.9	74.0	-24.1	Peak	Horizontal
*	8854.0	33.1	9.1	42.2	68.2	-26.0	Peak	Horizontal
*	9789.0	31.8	11.4	43.2	68.2	-25.0	Peak	Horizontal
	11565.5	50.2	12.7	62.9	74.0	-11.1	Peak	Horizontal
	11569.5	37.7	12.7	50.4	54.0	-3.6	Average	Horizontal
	8284.5	33.6	8.1	41.7	74.0	-32.3	Peak	Vertical
*	8769.0	33.1	9.0	42.1	68.2	-26.1	Peak	Vertical
*	9908.0	33.1	11.6	44.7	68.2	-23.5	Peak	Vertical
	11565.5	46.3	12.7	59.0	74.0	-15.0	Peak	Vertical
	11566.8	34.7	12.7	47.4	54.0	-6.6	Average	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Mode:	802.11n-HT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	165	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	33.5	8.0	41.5	74.0	-32.5	Peak	Horizontal
*	7766.0	38.1	8.2	46.3	68.2	-21.9	Peak	Horizontal
*	8871.0	32.9	9.1	42.0	68.2	-26.2	Peak	Horizontal
	11649.1	36.1	12.3	48.4	54.0	-5.6	Average	Horizontal
	11650.5	47.7	12.3	60.0	74.0	-14.0	Peak	Horizontal
	8199.5	34.2	8.3	42.5	74.0	-31.5	Peak	Vertical
*	8811.5	34.0	9.0	43.0	68.2	-25.2	Peak	Vertical
*	9729.5	32.7	11.1	43.8	68.2	-24.4	Peak	Vertical
	11649.5	33.4	12.3	45.7	54.0	-8.3	Peak	Vertical
	11650.5	46.4	12.3	58.7	74.0	-15.3	Average	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Mode:	802.11n-HT40 - Ant 0 + 1	Test Site:	AC1
Test Channel:	38	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8199.5	33.5	8.3	41.8	74.0	-32.2	Peak	Horizontal
*	8811.5	33.5	9.0	42.5	68.2	-25.7	Peak	Horizontal
*	9772.0	31.9	11.4	43.3	68.2	-24.9	Peak	Horizontal
	11225.5	33.0	12.4	45.4	74.0	-28.6	Peak	Horizontal
	8131.5	33.2	8.5	41.7	74.0	-32.3	Peak	Vertical
*	8854.0	33.1	9.1	42.2	68.2	-26.0	Peak	Vertical
*	9772.0	32.2	11.4	43.6	68.2	-24.6	Peak	Vertical
	11480.5	32.8	12.7	45.5	74.0	-28.5	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)

Test Mode:	802.11n-HT40 - Ant 0 + 1	Test Site:	AC1
Test Channel:	46	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8242.0	34.0	8.1	42.1	74.0	-31.9	Peak	Horizontal
*	8888.0	33.8	9.2	43.0	68.2	-25.2	Peak	Horizontal
*	9814.5	33.4	11.6	45.0	68.2	-23.2	Peak	Horizontal
	11174.5	32.3	12.6	44.9	74.0	-29.1	Peak	Horizontal
	8165.5	34.3	8.4	42.7	74.0	-31.3	Peak	Vertical
*	8854.0	34.3	9.1	43.4	68.2	-24.8	Peak	Vertical
*	9814.5	31.8	11.6	43.4	68.2	-24.8	Peak	Vertical
	11276.5	33.9	12.4	46.3	74.0	-27.7	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)

Test Mode:	802.11n-HT40 - Ant 0 + 1	Test Site:	AC1
Test Channel:	151	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7672.5	40.0	8.0	48.0	74.0	-26.0	Peak	Horizontal
*	8811.5	33.6	9.0	42.6	68.2	-25.6	Peak	Horizontal
*	9857.0	32.3	11.6	43.9	68.2	-24.3	Peak	Horizontal
	11506.0	47.4	12.8	60.2	74.0	-13.8	Peak	Horizontal
	11509.7	37.2	12.8	50.0	54.0	-4.0	Average	Horizontal
	8131.5	34.1	8.5	42.6	74.0	-31.4	Peak	Vertical
*	8811.5	34.8	9.0	43.8	68.2	-24.4	Peak	Vertical
*	9899.5	32.4	11.6	44.0	68.2	-24.2	Peak	Vertical
	11506.0	48.8	12.8	61.6	74.0	-12.4	Peak	Vertical
	11509.7	37.8	12.8	50.6	54.0	-3.4	Average	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Mode:	802.11n-HT40 - Ant 0 + 1	Test Site:	AC1
Test Channel:	159	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7723.5	40.0	8.0	48.0	74.0	-26.0	Peak	Horizontal
*	8811.5	33.0	9.0	42.0	68.2	-26.2	Peak	Horizontal
*	9772.0	33.0	11.4	44.4	68.2	-23.8	Peak	Horizontal
	11582.5	44.3	12.6	56.9	74.0	-17.1	Peak	Horizontal
	11589.9	35.3	12.6	47.9	54.0	-6.1	Average	Horizontal
	8131.5	34.4	8.5	42.9	74.0	-31.1	Peak	Vertical
*	8769.0	34.1	9.0	43.1	68.2	-25.1	Peak	Vertical
*	9857.0	32.3	11.6	43.9	68.2	-24.3	Peak	Vertical
	11582.5	42.2	12.6	54.8	74.0	-19.2	Peak	Vertical
	11589.8	32.2	12.6	44.8	54.0	-9.2	Average	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	36	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8276.0	33.9	8.1	42.0	74.0	-32.0	Peak	Horizontal
*	9899.5	32.5	11.6	44.1	68.2	-24.1	Peak	Horizontal
*	10358.5	41.4	12.2	53.6	68.2	-14.6	Peak	Horizontal
	11276.5	33.1	12.4	45.5	74.0	-28.5	Peak	Horizontal
	8276.0	33.3	8.1	41.4	74.0	-32.6	Peak	Vertical
*	8854.0	33.1	9.1	42.2	68.2	-26.0	Peak	Vertical
*	9772.0	33.6	11.4	45.0	68.2	-23.2	Peak	Vertical
	11123.5	32.3	12.7	45.0	74.0	-29.0	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)

Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	44	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8199.5	33.9	8.3	42.2	74.0	-31.8	Peak	Horizontal
*	9721.0	32.7	11.1	43.8	68.2	-24.4	Peak	Horizontal
*	10443.5	41.9	12.0	53.9	68.2	-14.3	Peak	Horizontal
	11174.5	33.3	12.6	45.9	74.0	-28.1	Peak	Horizontal
	8199.5	33.9	8.3	42.2	74.0	-31.8	Peak	Vertical
*	8811.5	33.4	9.0	42.4	68.2	-25.8	Peak	Vertical
*	9814.5	32.5	11.6	44.1	68.2	-24.1	Peak	Vertical
	11531.5	32.7	12.7	45.4	74.0	-28.6	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)

Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	48	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8165.5	33.7	8.4	42.1	74.0	-31.9	Peak	Horizontal
*	9814.5	32.1	11.6	43.7	68.2	-24.5	Peak	Horizontal
*	10469.0	41.2	12.1	53.3	68.2	-14.9	Peak	Horizontal
	11225.5	33.9	12.4	46.3	74.0	-27.7	Peak	Horizontal
	8165.5	33.7	8.4	42.1	74.0	-31.9	Peak	Vertical
*	8769.0	33.2	9.0	42.2	68.2	-26.0	Peak	Vertical
*	9814.5	32.8	11.6	44.4	68.2	-23.8	Peak	Vertical
	11072.5	33.3	12.9	46.2	74.0	-27.8	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)

Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	149	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	40.2	8.0	48.2	74.0	-25.8	Peak	Horizontal
*	8854.0	33.8	9.1	42.9	68.2	-25.3	Peak	Horizontal
*	9899.5	32.6	11.6	44.2	68.2	-24.0	Peak	Horizontal
	11480.5	52.9	12.7	65.6	74.0	-8.4	Peak	Horizontal
	11489.2	40.6	12.8	53.4	54.0	-0.6	Average	Horizontal
	8165.5	34.0	8.4	42.4	74.0	-31.6	Peak	Vertical
*	8811.5	34.2	9.0	43.2	68.2	-25.0	Peak	Vertical
*	9814.5	32.5	11.6	44.1	68.2	-24.1	Peak	Vertical
	11489.0	51.6	12.8	64.4	74.0	-9.6	Average	Vertical
	11489.3	39.7	12.8	52.5	54.0	-1.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	157	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7715.0	40.8	8.0	48.8	74.0	-25.2	Peak	Horizontal
*	8854.0	33.8	9.1	42.9	68.2	-25.3	Peak	Horizontal
*	9857.0	32.6	11.6	44.2	68.2	-24.0	Peak	Horizontal
	11565.5	50.7	12.7	63.4	74.0	-10.6	Peak	Horizontal
	11570.0	38.6	12.7	51.3	54.0	-2.7	Average	Horizontal
	8165.5	34.4	8.4	42.8	74.0	-31.2	Peak	Vertical
*	8811.5	33.9	9.0	42.9	68.2	-25.3	Peak	Vertical
*	9857.0	32.6	11.6	44.2	68.2	-24.0	Peak	Vertical
	11565.5	48.1	12.7	60.8	74.0	-13.2	Peak	Vertical
	11566.9	34.7	12.7	47.4	54.0	-6.6	Average	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Site:	AC1
Test Channel:	165	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8165.5	34.7	8.4	43.1	74.0	-30.9	Peak	Horizontal
*	8888.0	34.9	9.2	44.1	68.2	-24.1	Peak	Horizontal
*	9772.0	33.4	11.4	44.8	68.2	-23.4	Peak	Horizontal
	11649.5	37.0	12.3	49.3	54.0	-4.7	Average	Horizontal
	11650.5	47.8	12.3	60.1	74.0	-13.9	Peak	Horizontal
	8165.5	33.8	8.4	42.2	74.0	-31.8	Peak	Vertical
*	8735.0	33.4	8.9	42.3	68.2	-25.9	Peak	Vertical
*	9814.5	33.5	11.6	45.1	68.2	-23.1	Peak	Vertical
	11642.0	46.4	12.4	58.8	74.0	-15.2	Peak	Vertical
	11649.5	33.4	12.3	45.7	54.0	-8.3	Average	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Site:	AC1
Test Channel:	38	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8165.5	33.8	8.4	42.2	74.0	-31.8	Peak	Horizontal
*	8811.5	33.8	9.0	42.8	68.2	-25.4	Peak	Horizontal
*	9814.5	32.3	11.6	43.9	68.2	-24.3	Peak	Horizontal
	11021.5	32.9	13.0	45.9	74.0	-28.1	Peak	Horizontal
	8165.5	33.2	8.4	41.6	74.0	-32.4	Peak	Vertical
*	8769.0	33.5	9.0	42.5	68.2	-25.7	Peak	Vertical
*	9857.0	32.0	11.6	43.6	68.2	-24.6	Peak	Vertical
	11531.5	33.3	12.7	46.0	74.0	-28.0	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)

Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Site:	AC1
Test Channel:	46	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8242.0	33.5	8.1	41.6	74.0	-32.4	Peak	Horizontal
*	9721.0	33.3	11.1	44.4	68.2	-23.8	Peak	Horizontal
*	10469.0	39.6	12.1	51.7	68.2	-16.5	Peak	Horizontal
	11327.5	32.9	12.5	45.4	74.0	-28.6	Peak	Horizontal
	8242.0	33.5	8.1	41.6	74.0	-32.4	Peak	Vertical
*	8888.0	33.3	9.2	42.5	68.2	-25.7	Peak	Vertical
*	9814.5	31.8	11.6	43.4	68.2	-24.8	Peak	Vertical
	11531.5	33.1	12.7	45.8	74.0	-28.2	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)

Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Site:	AC1
Test Channel:	151	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7672.5	39.9	8.0	47.9	74.0	-26.1	Peak	Horizontal
*	8820.0	33.9	9.0	42.9	68.2	-25.3	Peak	Horizontal
*	9772.0	32.3	11.4	43.7	68.2	-24.5	Peak	Horizontal
	11506.0	50.4	12.8	63.2	74.0	-10.8	Peak	Horizontal
	11509.9	39.5	12.8	52.3	54.0	-1.7	Average	Horizontal
	8267.5	33.6	8.1	41.7	74.0	-32.3	Peak	Vertical
*	8828.5	33.0	9.1	42.1	68.2	-26.1	Peak	Vertical
*	9993.0	32.1	11.4	43.5	68.2	-24.7	Peak	Vertical
	11506.0	48.0	12.8	60.8	74.0	-13.2	Peak	Vertical
	11509.8	37.7	12.8	50.5	54.0	-3.5	Average	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Site:	AC1
Test Channel:	159	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7723.5	39.2	8.0	47.2	74.0	-26.8	Peak	Horizontal
*	8862.5	32.9	9.1	42.0	68.2	-26.2	Peak	Horizontal
*	9823.0	31.9	11.6	43.5	68.2	-24.7	Peak	Horizontal
	11582.5	45.7	12.6	58.3	74.0	-15.7	Average	Horizontal
	11589.7	35.7	12.6	48.3	54.0	-5.7	Peak	Horizontal
	8165.5	34.5	8.4	42.9	74.0	-31.1	Peak	Vertical
*	8811.5	33.3	9.0	42.3	68.2	-25.9	Peak	Vertical
*	9857.0	32.6	11.6	44.2	68.2	-24.0	Peak	Vertical
	11591.0	41.9	12.6	54.5	74.0	-19.5	Peak	Vertical
	11591.6	32.9	12.6	45.5	54.0	-8.5	Average	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

Test Mode:	802.11ac-VHT80 - Ant 0 + 1	Test Site:	AC1
Test Channel:	42	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8199.5	33.7	8.3	42.0	74.0	-32.0	Peak	Horizontal
*	8769.0	33.2	9.0	42.2	68.2	-26.0	Peak	Horizontal
*	9899.5	32.3	11.6	43.9	68.2	-24.3	Peak	Horizontal
	11021.5	33.6	13.0	46.6	74.0	-27.4	Peak	Horizontal
	8199.5	34.1	8.3	42.4	74.0	-31.6	Peak	Vertical
*	8769.0	33.5	9.0	42.5	68.2	-25.7	Peak	Vertical
*	9814.5	32.8	11.6	44.4	68.2	-23.8	Peak	Vertical
	11429.5	32.7	12.6	45.3	74.0	-28.7	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)

Test Mode:	802.11ac-VHT80 - Ant 0 + 1	Test Site:	AC1
Test Channel:	155	Test Engineer:	Jone Zhang
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7698.0	40.9	8.0	48.9	74.0	-25.1	Peak	Horizontal
*	8854.0	33.1	9.1	42.2	68.2	-26.0	Peak	Horizontal
*	9814.5	32.6	11.6	44.2	68.2	-24.0	Peak	Horizontal
	11548.5	43.3	12.7	56.0	74.0	-18.0	Peak	Horizontal
	11549.7	31.3	12.7	44.0	54.0	-10.0	Average	Horizontal
	8276.0	33.8	8.1	41.9	74.0	-32.1	Peak	Vertical
*	8854.0	33.4	9.1	42.5	68.2	-25.7	Peak	Vertical
*	9814.5	32.6	11.6	44.2	68.2	-24.0	Peak	Vertical
	11506.0	40.3	12.8	53.1	74.0	-20.9	Peak	Vertical

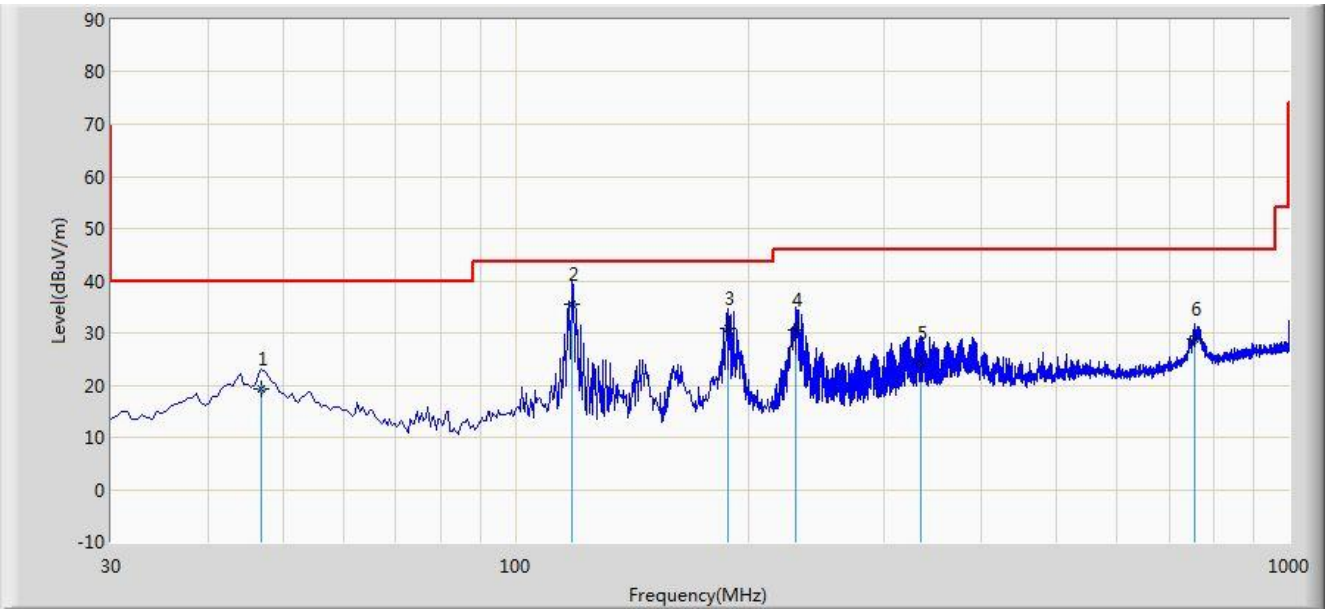
Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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: AC2	Time: 2017/06/23 - 10:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Flag Yang
Probe: VULB9162_0.03-8GHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: By POE
Worst Mode: Transmit by 802.11a at channel 5745MHz Ant 0 + 1	



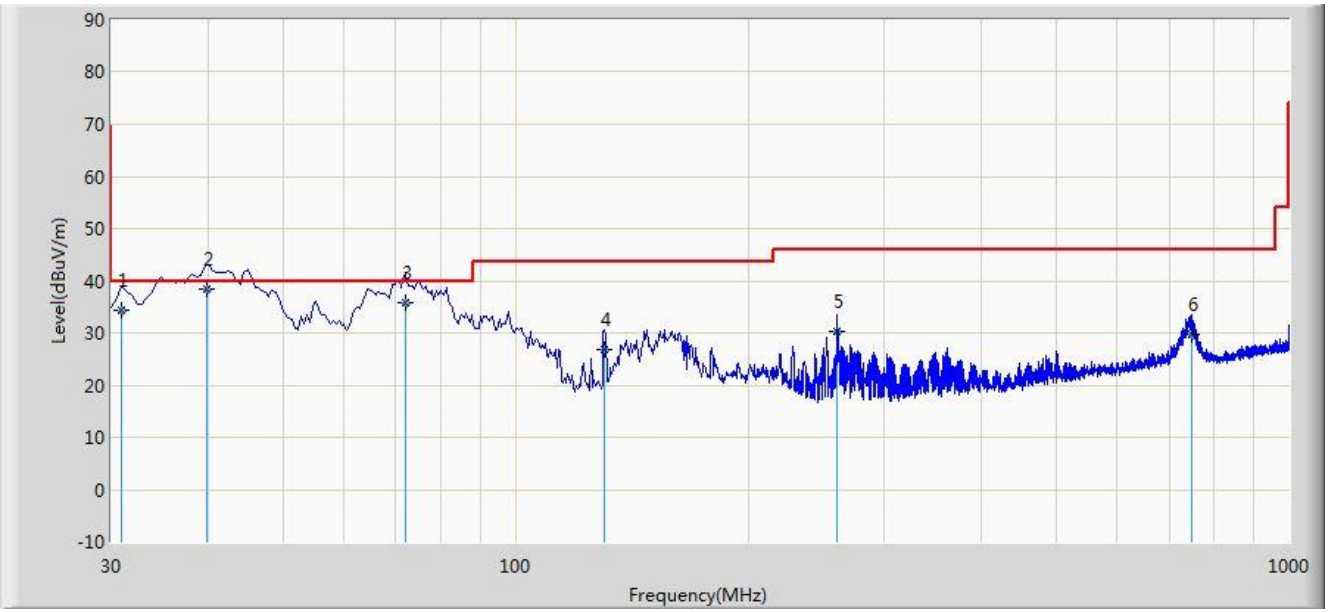
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			46.860	19.243	4.260	-20.757	40.000	14.983	QP
2		*	118.320	35.593	24.050	-7.907	43.500	11.543	QP
3			188.620	30.757	19.060	-12.743	43.500	11.697	QP
4			230.020	30.640	17.560	-15.360	46.000	13.080	QP
5			334.610	24.187	8.660	-21.813	46.000	15.527	QP
6			756.620	28.780	6.450	-17.220	46.000	22.330	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 ~ 25GHz), therefore no data appear in the report.

Site: AC2	Time: 2017/06/23 - 10:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Flag Yang
Probe: VULB9162_0.03-8GHz	Polarity: Vertical
EUT: Wireless Access Point	Power: By POE
Worst Mode: Transmit by 802.11a at channel 5745MHz Ant 0 + 1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			30.980	34.381	22.150	-5.619	40.000	12.231	QP
2		*	39.820	38.539	24.710	-1.461	40.000	13.829	QP
3			72.230	35.715	25.340	-4.285	40.000	10.375	QP
4			130.480	26.939	16.900	-16.561	43.500	10.040	QP
5			260.540	30.395	16.490	-15.605	46.000	13.905	QP
6			750.300	29.693	7.430	-16.307	46.000	22.263	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 ~ 25GHz), 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 within the frequency range from the band edge to 10 MHz above or below the band edge shall not exceed an e.i.r.p. of −17 dBm/MHz; for frequencies 10 MHz or greater above or below the band edge, emissions shall not

exceed an e.i.r.p. of -27 dBm/MHz.

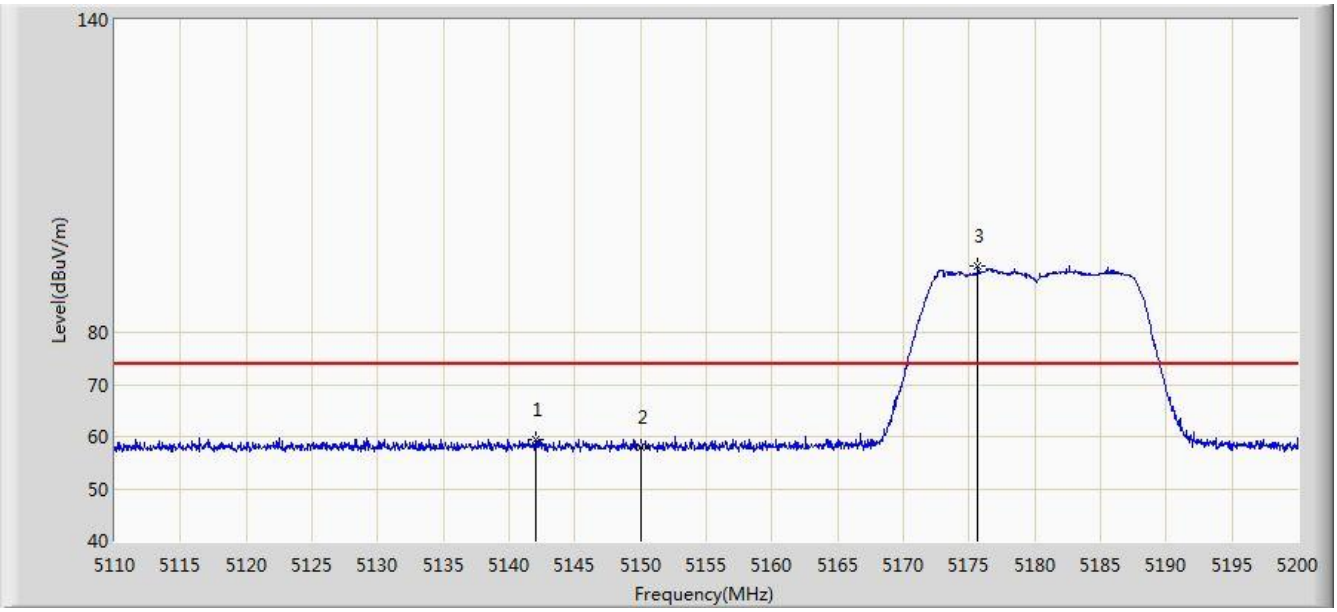
Refer to KDB 789033 D02v01r04 G)2)c), as specified in § 15.407(b), emissions above 1000 MHz that are outside of the restricted bands are subject to a maximum emission limit of -27 dBm/MHz (or -17 dBm/MHz as specified in § 15.407(b)(4)). However, an out-of-band emission that complies with both the peak 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 47 CFR 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 Result of Radiated Restricted Band Edge

Site: AC1	Time: 2017/04/20 - 10:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz Ant 0	

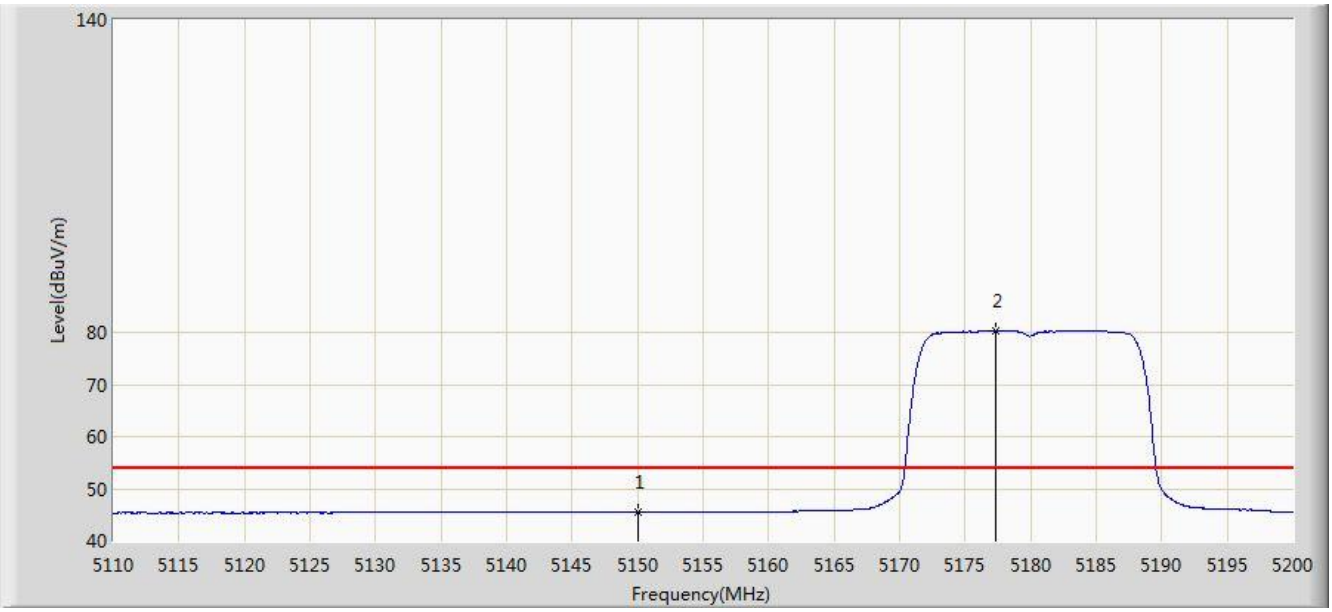


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5142.085	59.544	56.235	-14.456	74.000	3.309	PK
2			5150.000	57.889	54.580	-16.111	74.000	3.309	PK
3			5175.655	92.843	89.566	N/A	N/A	3.277	PK

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

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

Site: AC1	Time: 2017/04/20 - 10:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz Ant 0	

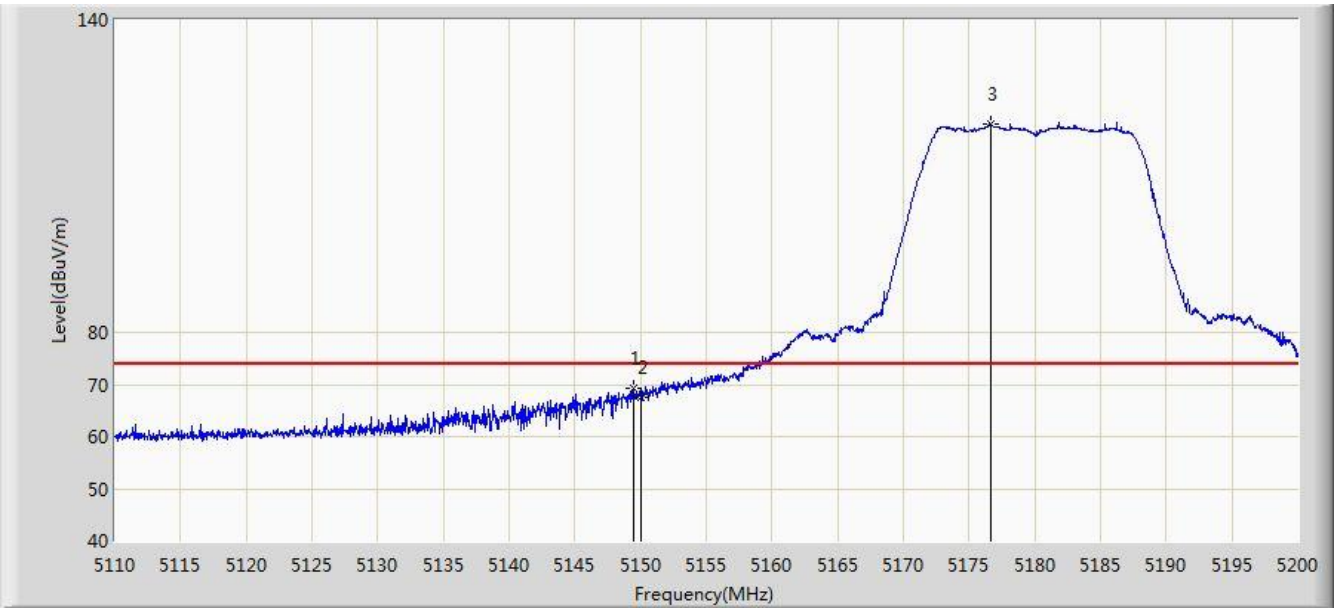


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	45.422	42.113	-8.578	54.000	3.309	AV
2			5177.275	80.388	77.113	N/A	N/A	3.274	AV

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

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

Site: AC1	Time: 2017/04/20 - 10:03
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz Ant 0	

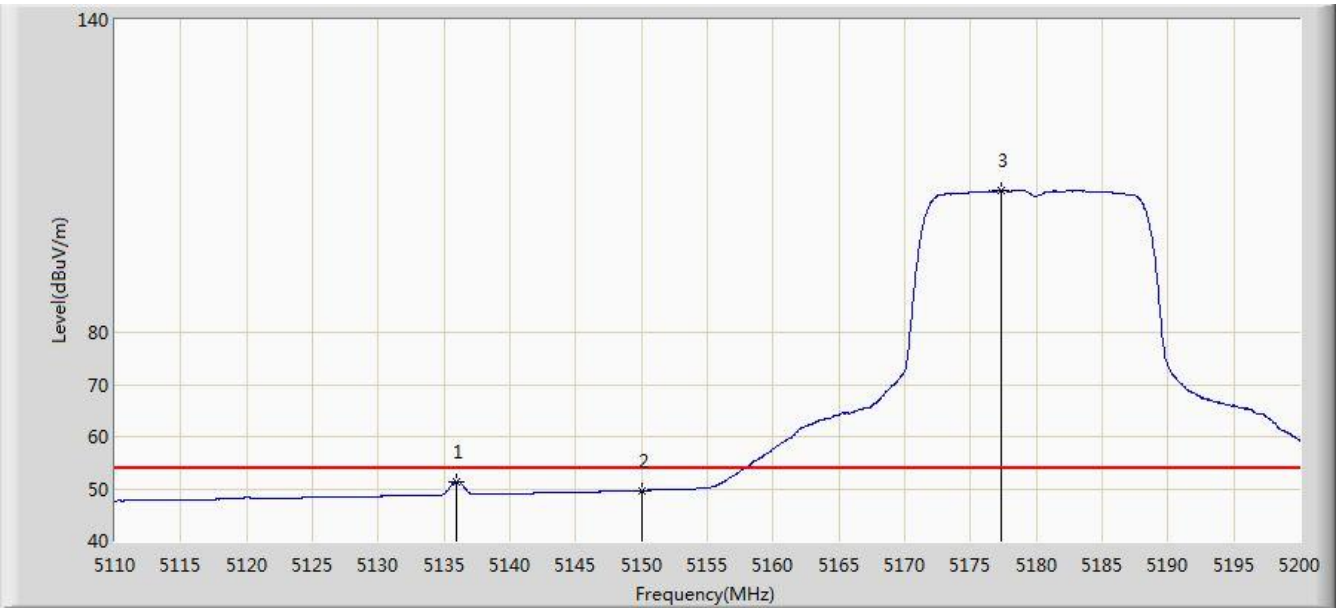


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.465	69.139	65.830	-4.861	74.000	3.309	PK
2			5150.000	67.529	64.220	-6.471	74.000	3.309	PK
3			5176.645	119.975	116.699	N/A	N/A	3.276	PK

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

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

Site: AC1	Time: 2017/04/20 - 10:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz Ant 0	

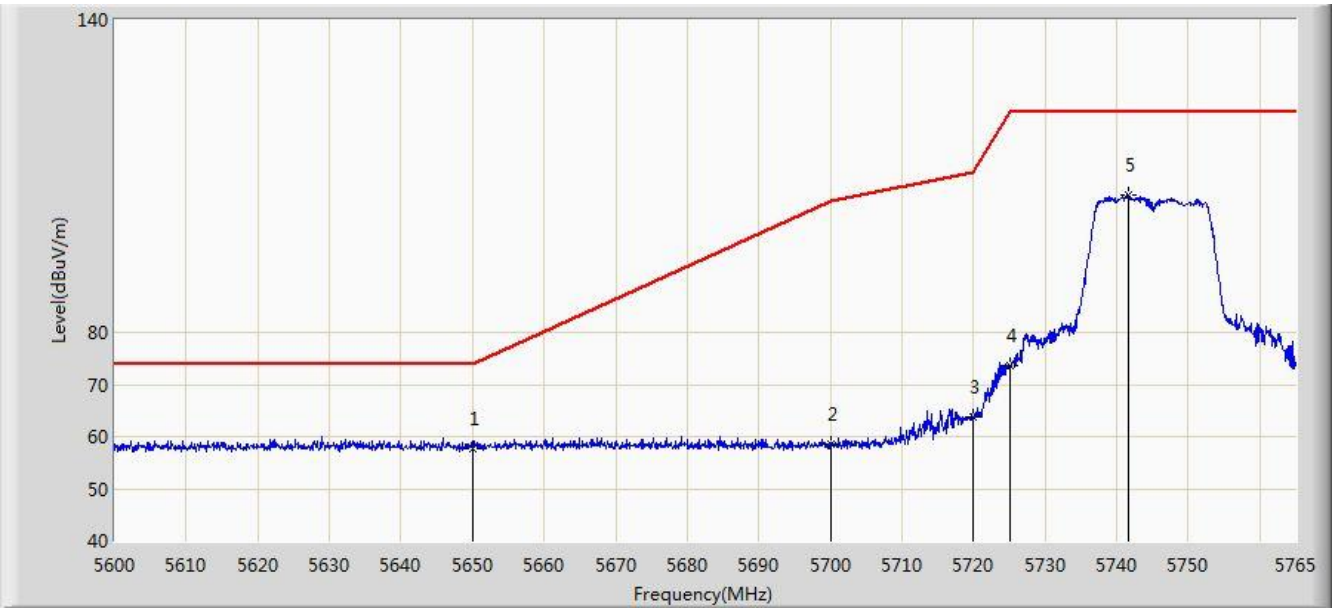


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5135.965	51.396	48.086	-2.604	54.000	3.309	AV
2			5150.000	49.634	46.325	-4.366	54.000	3.309	AV
3			5177.365	107.246	103.971	N/A	N/A	3.275	AV

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

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

Site: AC1	Time: 2017/04/20 - 10:09
Limit: FCC_Part15.407_RE(3m)_New	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5745MHz Ant 0	

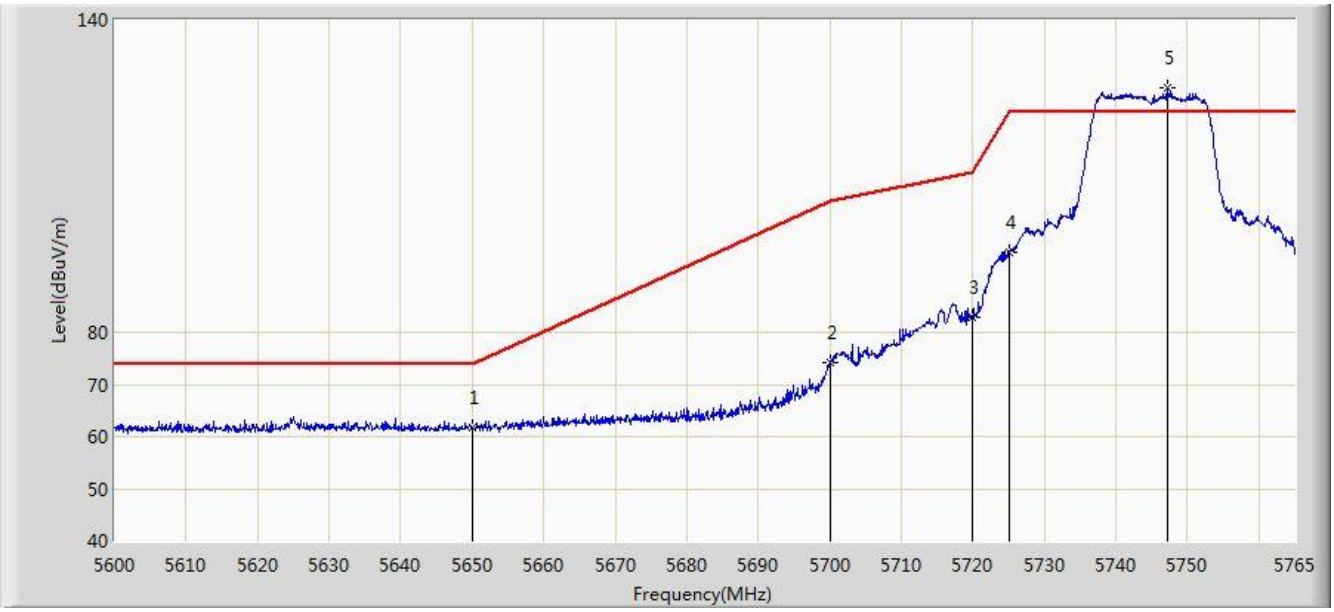


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5650.000	57.603	53.976	-16.397	74.000	3.627	PK
2			5700.000	58.679	54.960	-46.521	105.200	3.719	PK
3			5720.000	63.806	60.030	-46.994	110.800	3.776	PK
4			5725.000	73.506	69.715	-48.694	122.200	3.791	PK
5			5741.652	106.385	102.543	N/A	N/A	3.842	PK

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

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

Site: AC1	Time: 2017/04/20 - 10:07
Limit: FCC_Part15.407_RE(3m)_New	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5745MHz Ant 0	

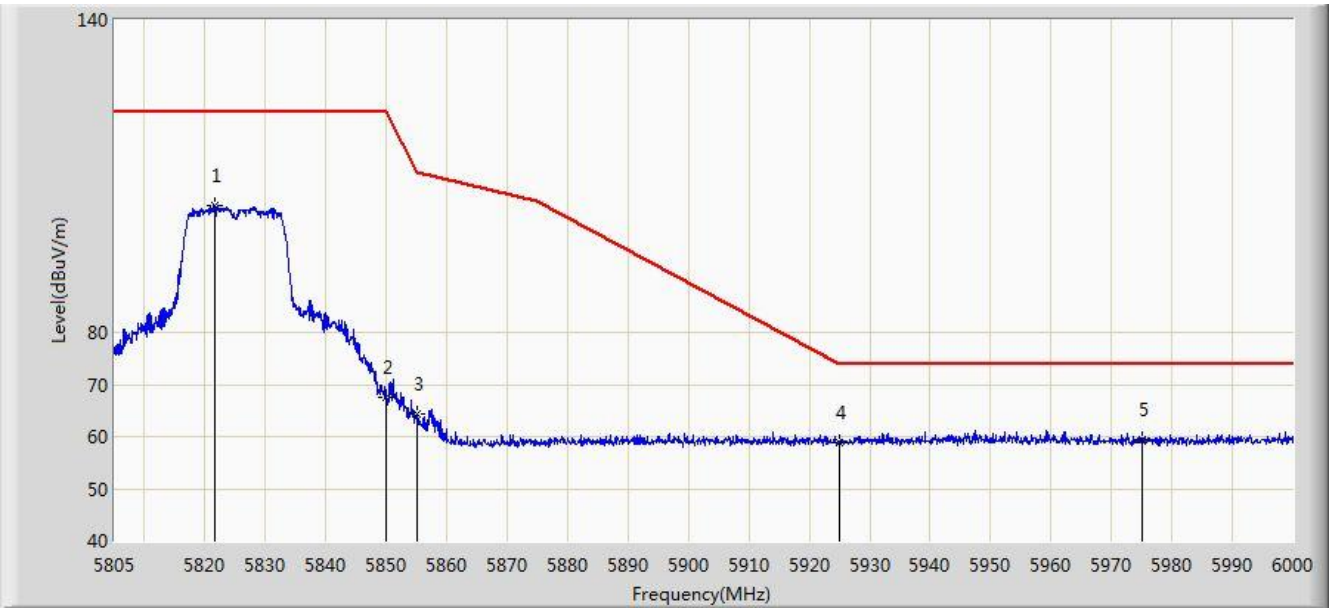


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5650.000	61.705	58.078	-12.295	74.000	3.627	PK
2			5700.000	74.120	70.401	-31.080	105.200	3.719	PK
3			5720.000	82.885	79.109	-27.915	110.800	3.776	PK
4			5725.000	95.229	91.438	-26.971	122.200	3.791	PK
5			5747.180	126.930	123.069	N/A	N/A	3.862	PK

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

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

Site: AC1	Time: 2017/04/20 - 10:13
Limit: FCC_Part15.407_RE(3m)_New	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5825MHz Ant 0	

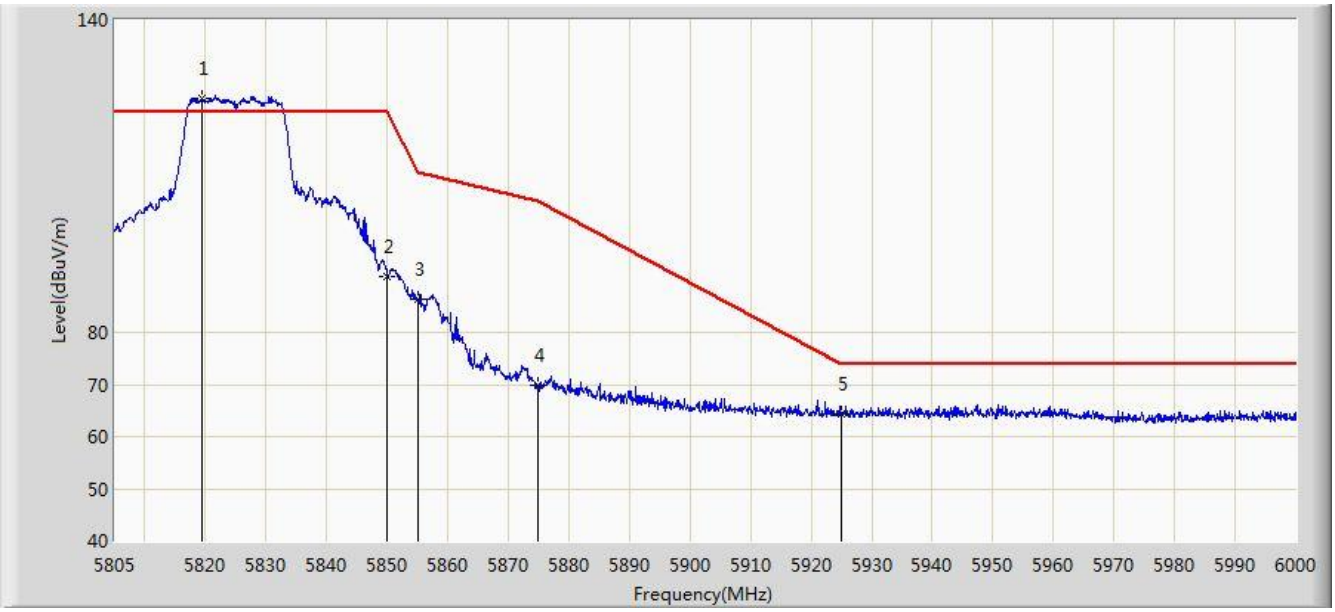


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5821.672	104.407	100.409	N/A	N/A	3.998	PK
2			5850.000	67.575	63.518	-54.625	122.200	4.058	PK
3			5855.000	64.223	60.163	-46.577	110.800	4.060	PK
4			5925.000	58.823	54.570	-15.177	74.000	4.254	PK
5			5975.000	59.498	55.208	-14.502	74.000	4.290	PK

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

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

Site: AC1	Time: 2017/04/20 - 10:11
Limit: FCC_Part15.407_RE(3m)_New	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5825MHz Ant 0	

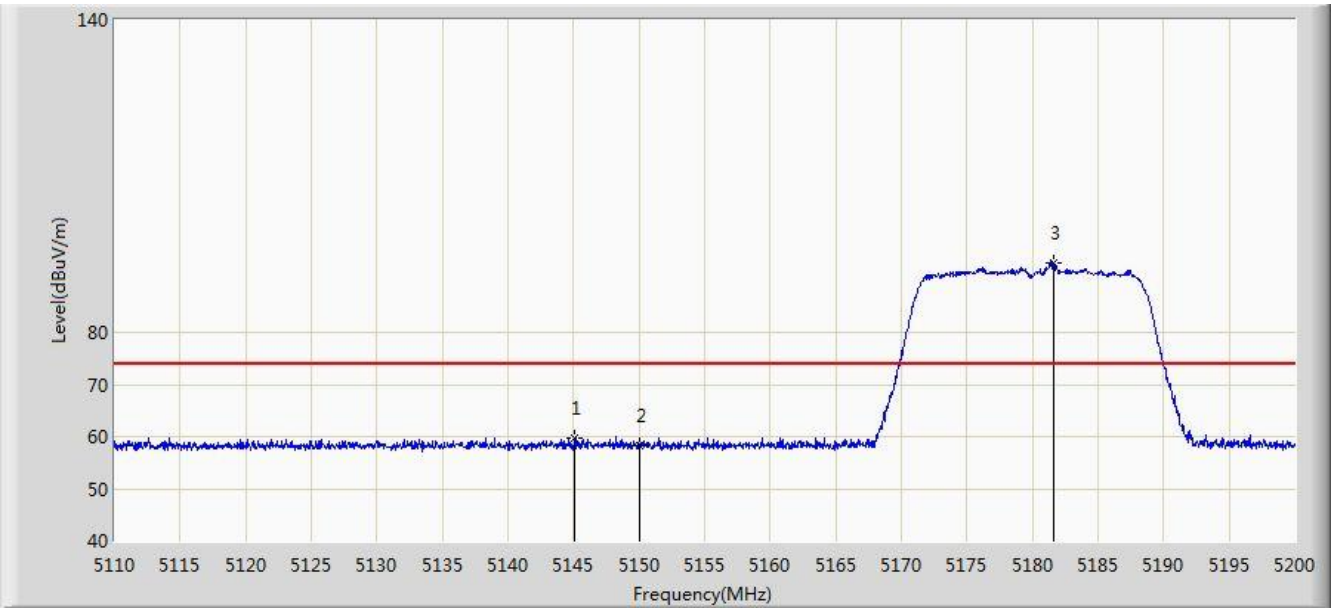


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5819.527	124.939	120.946	N/A	N/A	3.993	PK
2			5850.000	90.621	86.564	-31.579	122.200	4.058	PK
3			5855.000	86.305	82.245	-24.495	110.800	4.060	PK
4			5875.000	69.791	65.686	-35.409	105.200	4.105	PK
5			5925.000	64.275	60.022	-9.725	74.000	4.254	PK

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

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

Site: AC1	Time: 2017/04/21 - 10:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5180MHz Ant 0	

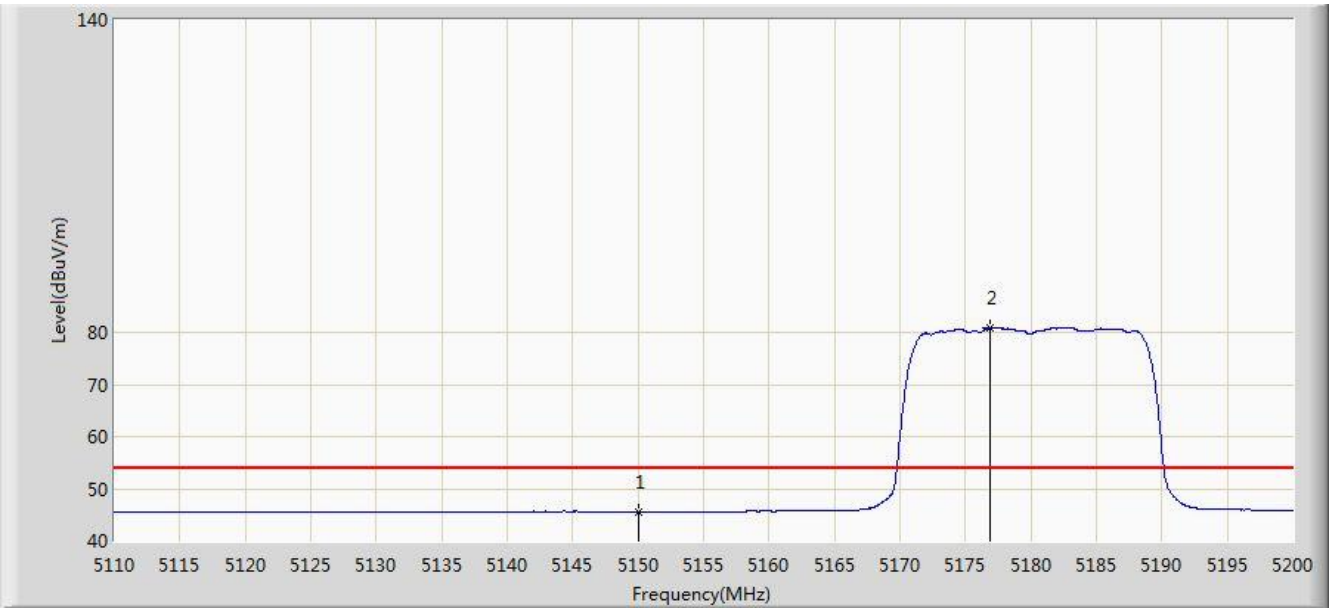


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5145.100	59.778	56.469	-14.222	74.000	3.310	PK
2			5150.000	58.380	55.071	-15.620	74.000	3.309	PK
3			5181.640	93.284	90.012	N/A	N/A	3.271	PK

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

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

Site: AC1	Time: 2017/04/21 - 10:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5180MHz Ant 0	

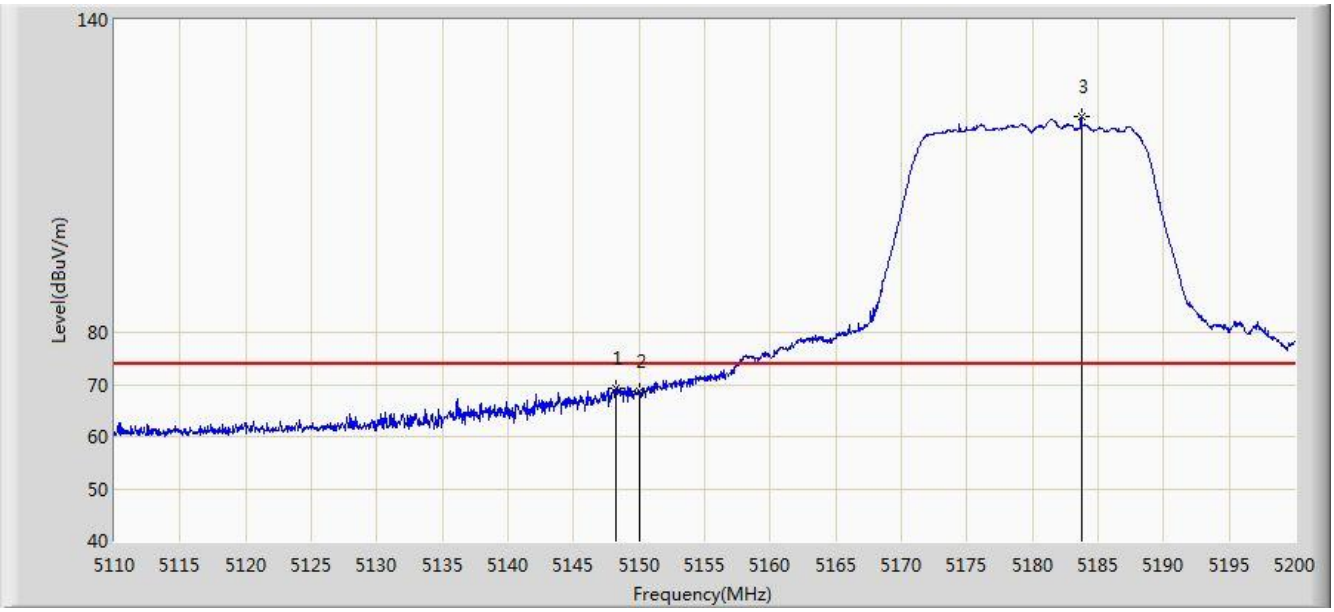


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	45.611	42.302	-8.389	54.000	3.309	AV
2			5176.825	80.872	77.596	N/A	N/A	3.276	AV

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

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

Site: AC1	Time: 2017/04/21 - 10:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5180MHz Ant 0	

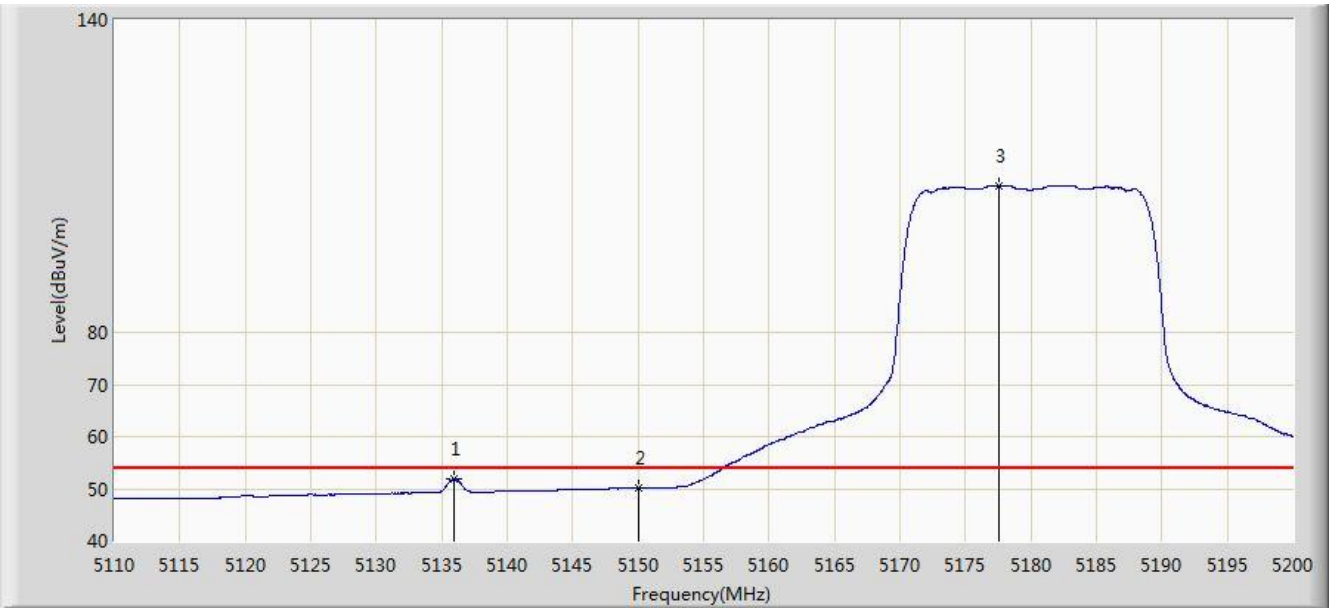


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.250	69.143	65.834	-4.857	74.000	3.308	PK
2			5150.000	68.572	65.263	-5.428	74.000	3.309	PK
3			5183.710	121.471	118.202	N/A	N/A	3.269	PK

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

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

Site: AC1	Time: 2017/04/21 - 10:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5180MHz Ant 0	

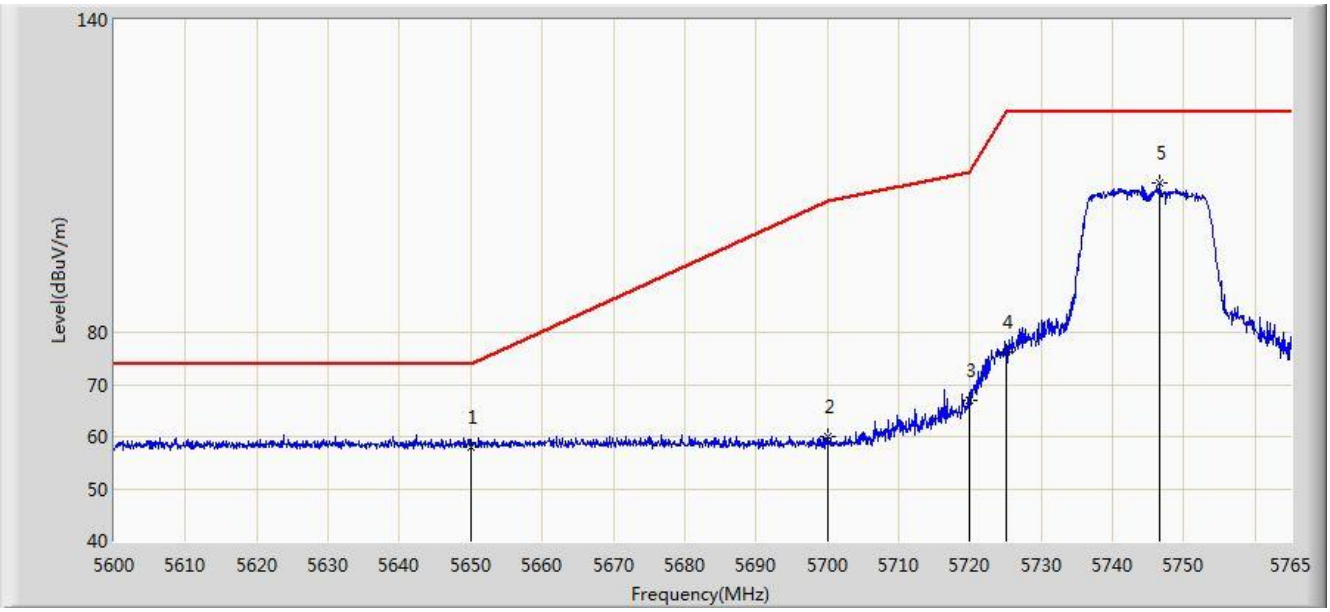


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5135.965	51.967	48.657	-2.033	54.000	3.309	AV
2			5150.000	50.122	46.813	-3.878	54.000	3.309	AV
3	X		5177.545	108.175	104.900	N/A	N/A	3.276	AV

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

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

Site: AC1	Time: 2017/04/21 - 10:31
Limit: FCC_Part15.407_RE(3m)_New	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5745MHz Ant 0	

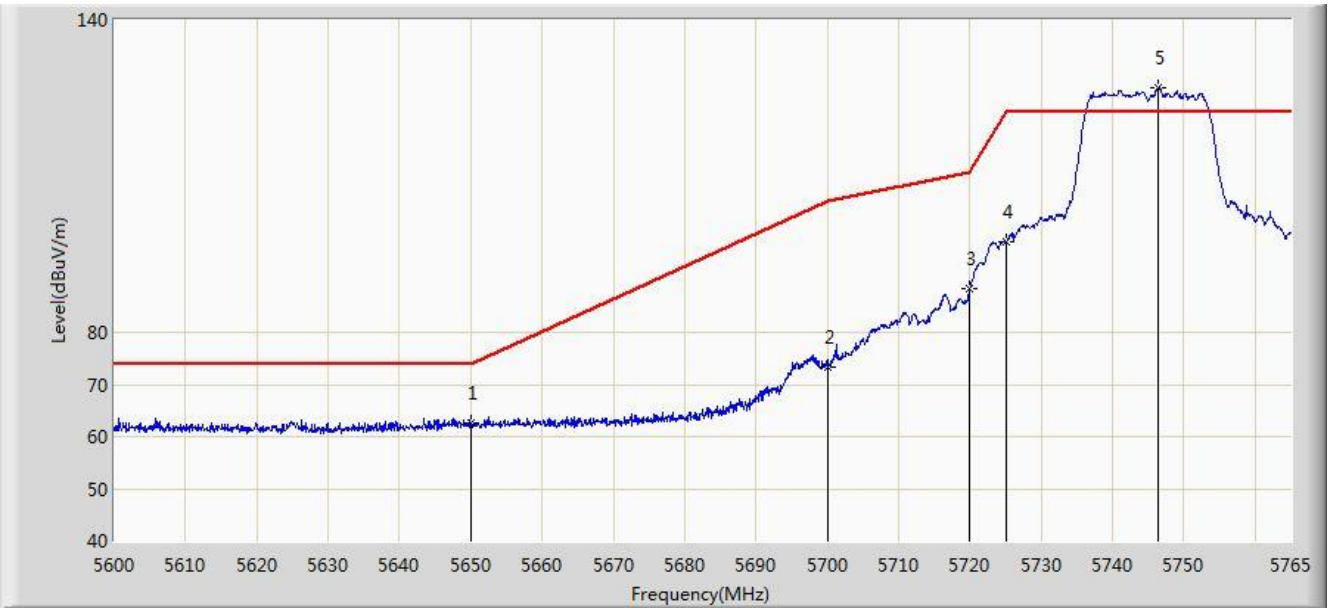


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5650.000	57.980	54.353	-16.020	74.000	3.627	PK
2			5700.000	59.860	56.141	-45.340	105.200	3.719	PK
3			5720.000	67.043	63.267	-43.757	110.800	3.776	PK
4			5725.000	76.137	72.346	-46.063	122.200	3.791	PK
5			5746.520	108.707	104.849	N/A	N/A	3.858	PK

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

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

Site: AC1	Time: 2017/04/21 - 10:28
Limit: FCC_Part15.407_RE(3m)_New	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5745MHz Ant 0	

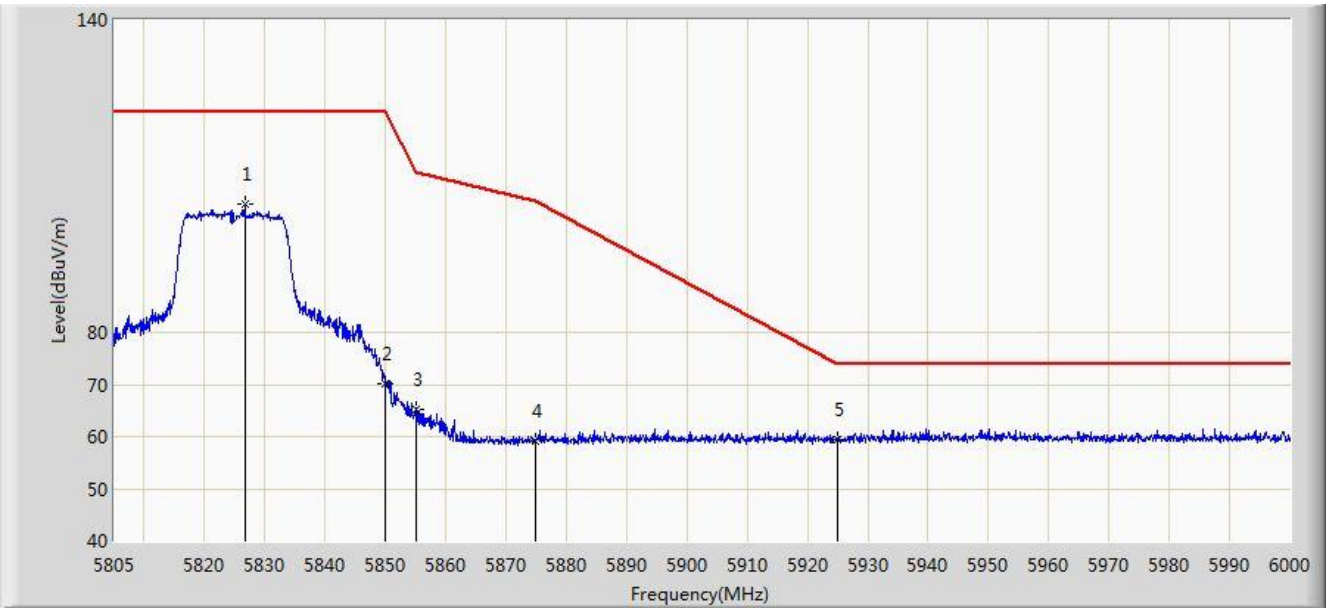


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5650.000	62.558	58.931	-11.442	74.000	3.627	PK
2			5700.000	73.363	69.644	-31.837	105.200	3.719	PK
3			5720.000	88.370	84.594	-22.430	110.800	3.776	PK
4			5725.000	97.254	93.463	-24.946	122.200	3.791	PK
5			5746.437	127.013	123.155	N/A	N/A	3.858	PK

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

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

Site: AC1	Time: 2017/04/21 - 10:33
Limit: FCC_Part15.407_RE(3m)_New	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5825MHz Ant 0	

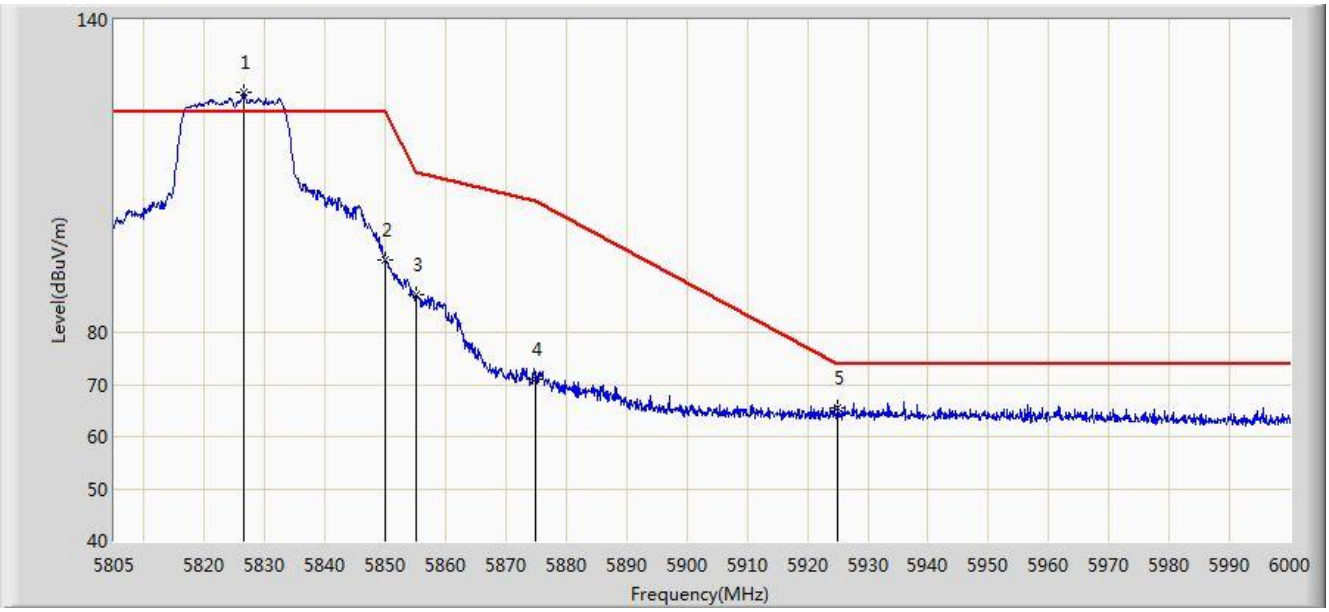


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5826.645	104.538	100.529	N/A	N/A	4.009	PK
2			5850.000	70.196	66.139	-52.004	122.200	4.058	PK
3			5855.000	65.270	61.210	-45.530	110.800	4.060	PK
4			5875.000	59.218	55.113	-45.982	105.200	4.105	PK
5			5925.000	59.468	55.215	-14.532	74.000	4.254	PK

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

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

Site: AC1	Time: 2017/04/21 - 10:35
Limit: FCC_Part15.407_RE(3m)_New	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5825MHz Ant 0	

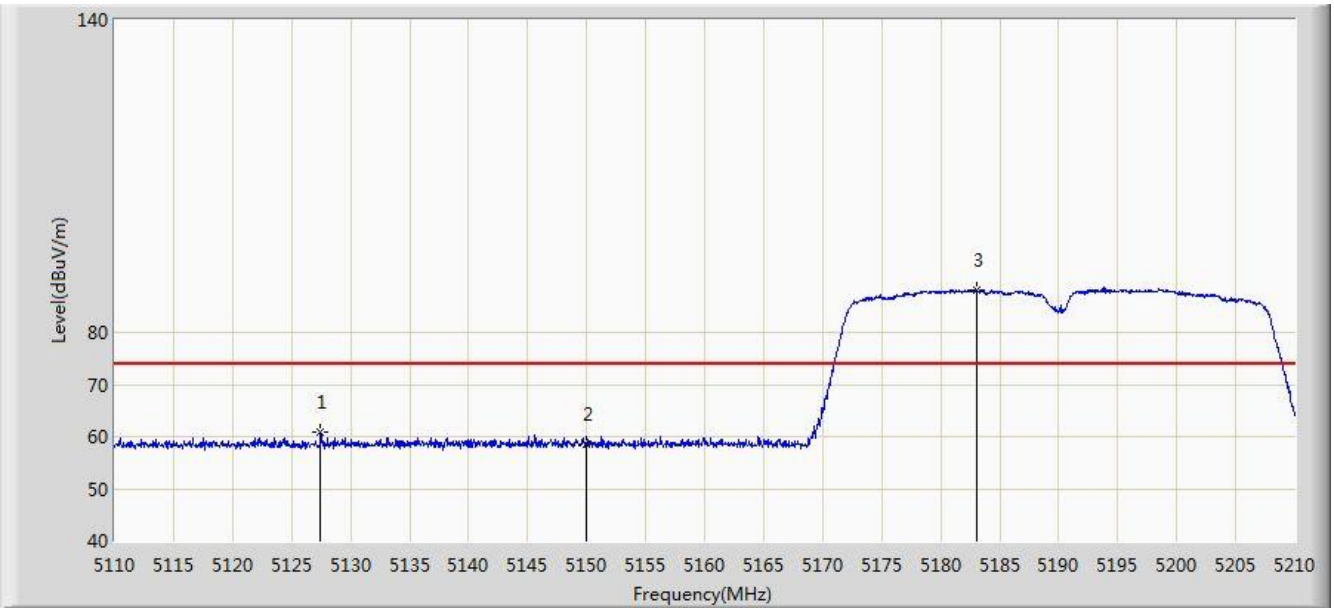


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5826.547	125.952	121.943	N/A	N/A	4.009	PK
2			5850.000	93.956	89.899	-28.244	122.200	4.058	PK
3			5855.000	87.215	83.155	-23.585	110.800	4.060	PK
4			5875.000	71.000	66.895	-34.200	105.200	4.105	PK
5			5925.000	65.457	61.204	-8.543	74.000	4.254	PK

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

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

Site: AC1	Time: 2017/04/21 - 10:48
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5190MHz Ant 0	

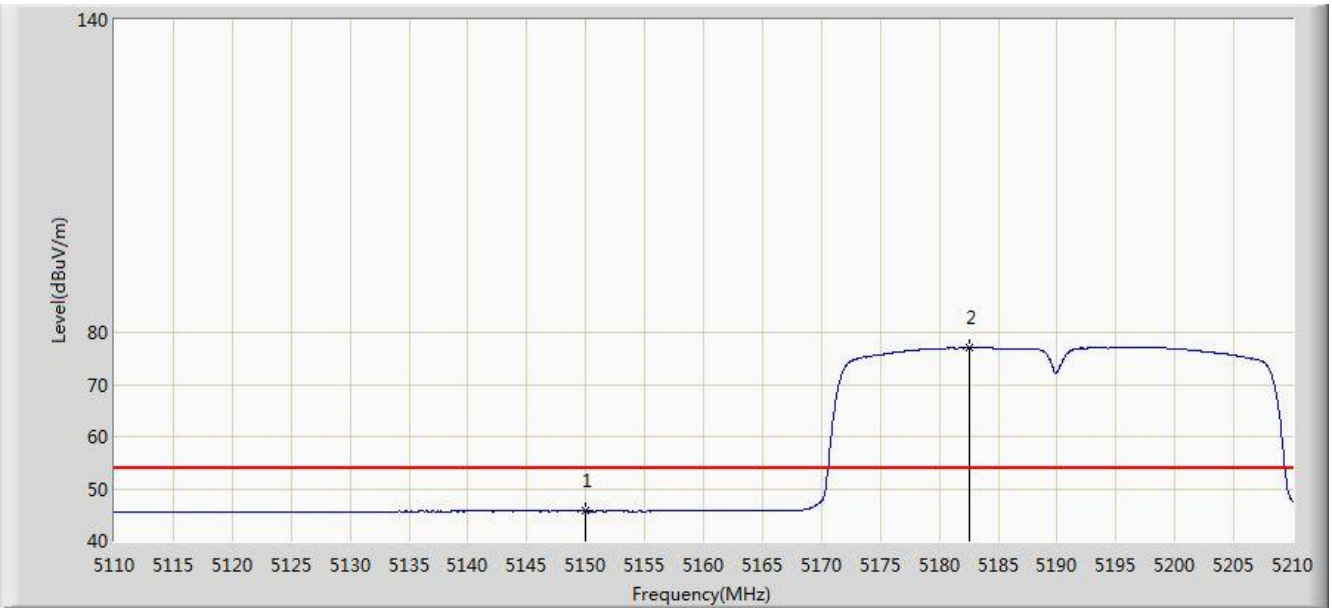


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5127.450	60.919	57.617	-13.081	74.000	3.302	PK
2			5150.000	58.585	55.276	-15.415	74.000	3.309	PK
3			5183.050	88.139	84.869	N/A	N/A	3.270	PK

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

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

Site: AC1	Time: 2017/04/21 - 10:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5190MHz Ant 0	

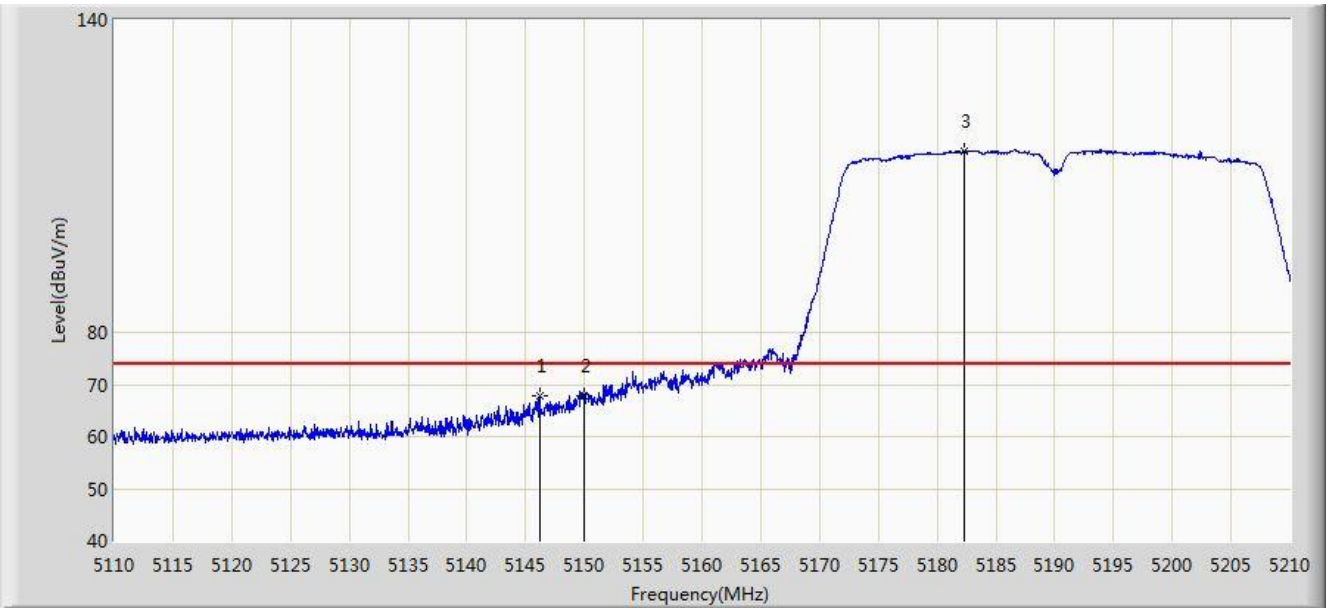


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	45.654	42.345	-8.346	54.000	3.309	AV
2			5182.600	76.991	73.721	N/A	N/A	3.271	AV

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

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

Site: AC1	Time: 2017/04/21 - 10:47
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5190MHz Ant 0	

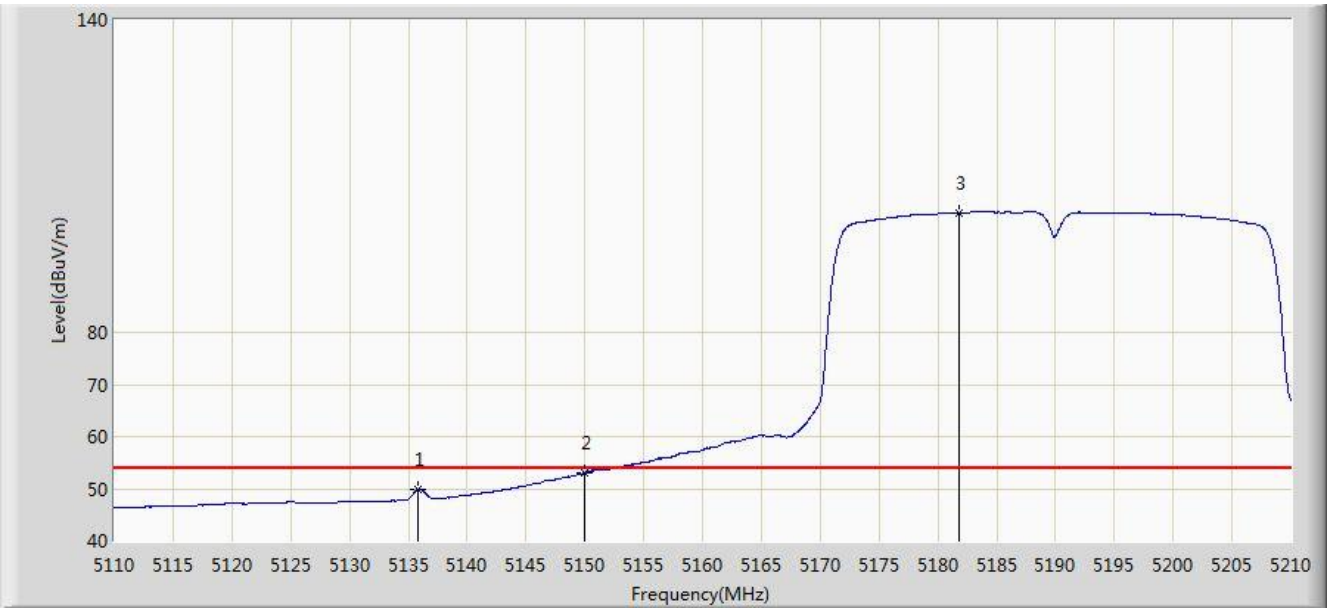


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5146.200	67.698	64.389	-6.302	74.000	3.308	PK
2			5150.000	67.774	64.465	-6.226	74.000	3.309	PK
3			5182.250	114.803	111.532	N/A	N/A	3.270	PK

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

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

Site: AC1	Time: 2017/04/21 - 10:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5190MHz Ant 0	

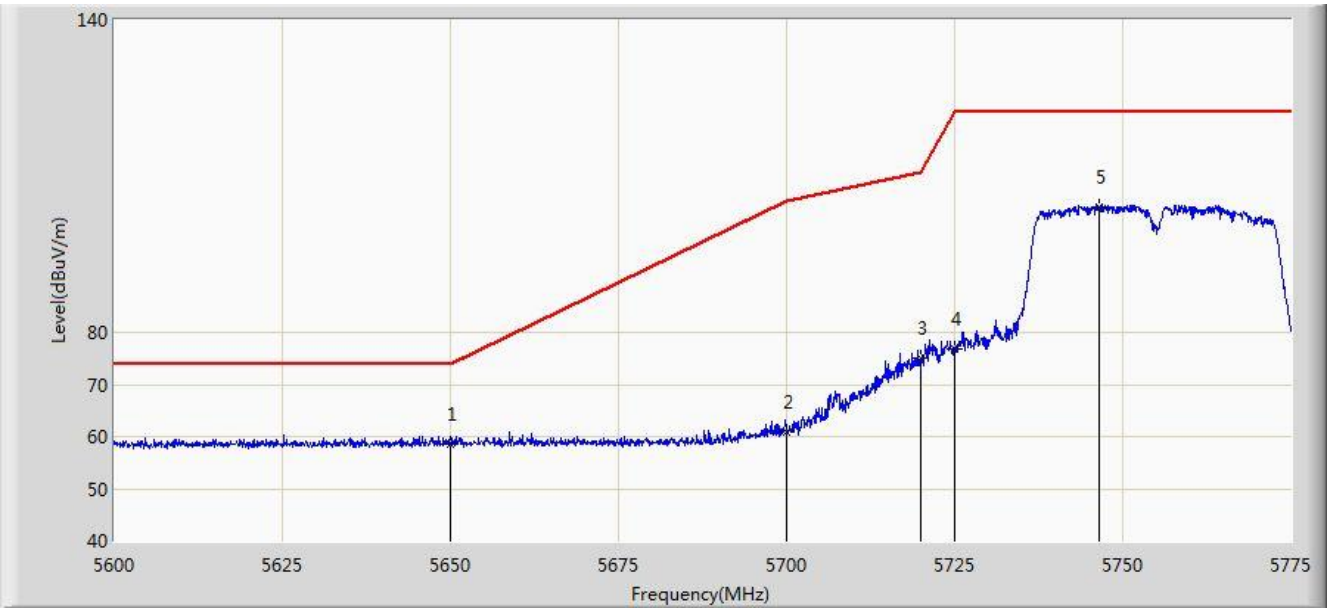


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5135.800	49.804	46.494	-4.196	54.000	3.310	AV
2			5150.000	53.032	49.723	-0.968	54.000	3.309	AV
3			5181.850	102.899	99.628	N/A	N/A	3.272	AV

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

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

Site: AC1	Time: 2017/04/21 - 10:57
Limit: FCC_Part15.407_RE(3m)_New	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5755MHz Ant 0	

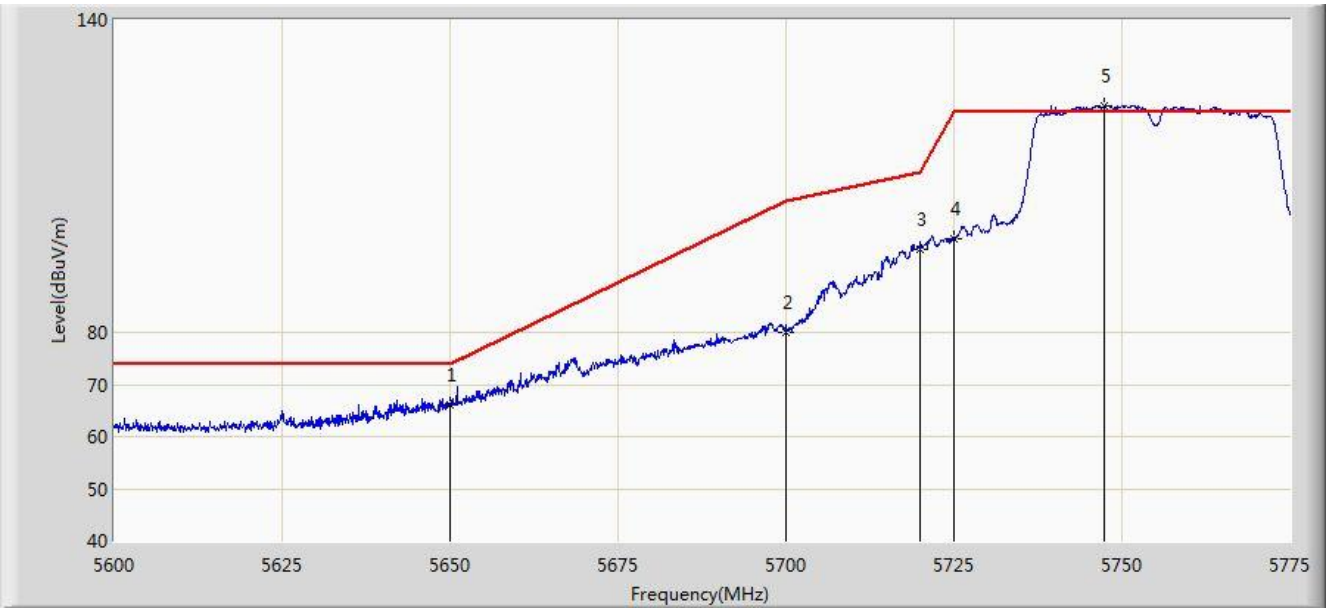


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5650.000	58.433	54.806	-15.567	74.000	3.627	PK
2			5700.000	60.944	57.225	-44.256	105.200	3.719	PK
3			5720.000	75.009	71.233	-35.791	110.800	3.776	PK
4			5725.000	76.840	73.049	-45.360	122.200	3.791	PK
5			5746.475	104.188	100.330	N/A	N/A	3.858	PK

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

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

Site: AC1	Time: 2017/04/21 - 10:55
Limit: FCC_Part15.407_RE(3m)_New	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5755MHz Ant 0	

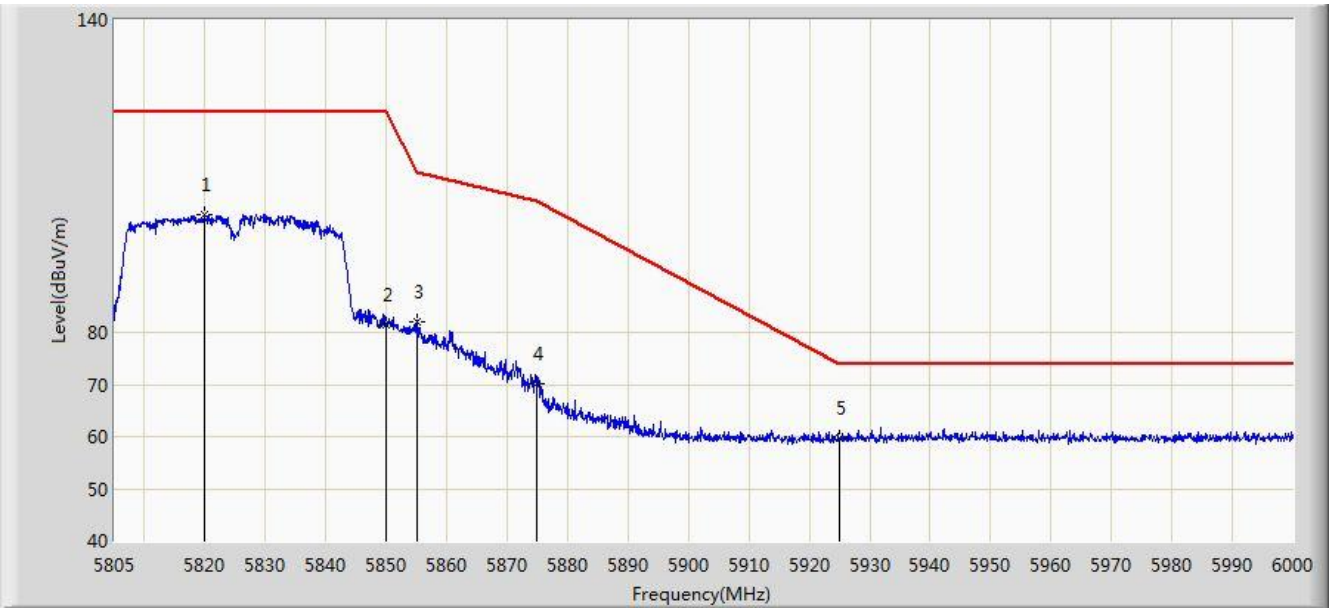


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5650.000	66.096	62.469	-7.904	74.000	3.627	PK
2			5700.000	80.072	76.353	-25.128	105.200	3.719	PK
3			5720.000	95.972	92.196	-14.828	110.800	3.776	PK
4			5725.000	98.041	94.250	-24.159	122.200	3.791	PK
5			5747.437	123.493	119.631	N/A	N/A	3.861	PK

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

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

Site: AC1	Time: 2017/04/21 - 10:59
Limit: FCC_Part15.407_RE(3m)_New	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5825MHz Ant 0	

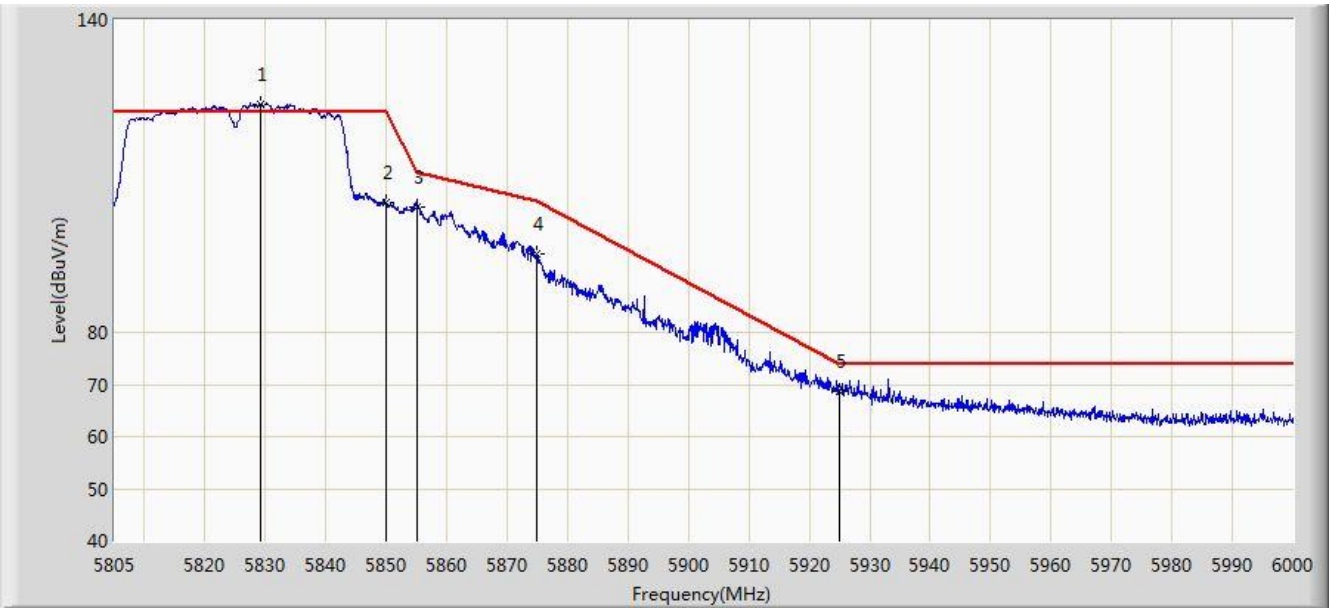


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5820.015	102.485	98.491	N/A	N/A	3.994	PK
2			5850.000	81.319	77.262	-40.881	122.200	4.058	PK
3			5855.000	81.956	77.896	-28.844	110.800	4.060	PK
4			5875.000	70.240	66.135	-34.960	105.200	4.105	PK
5			5925.000	59.607	55.354	-14.393	74.000	4.254	PK

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

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

Site: AC1	Time: 2017/04/21 - 11:01
Limit: FCC_Part15.407_RE(3m)_New	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5825MHz Ant 0	

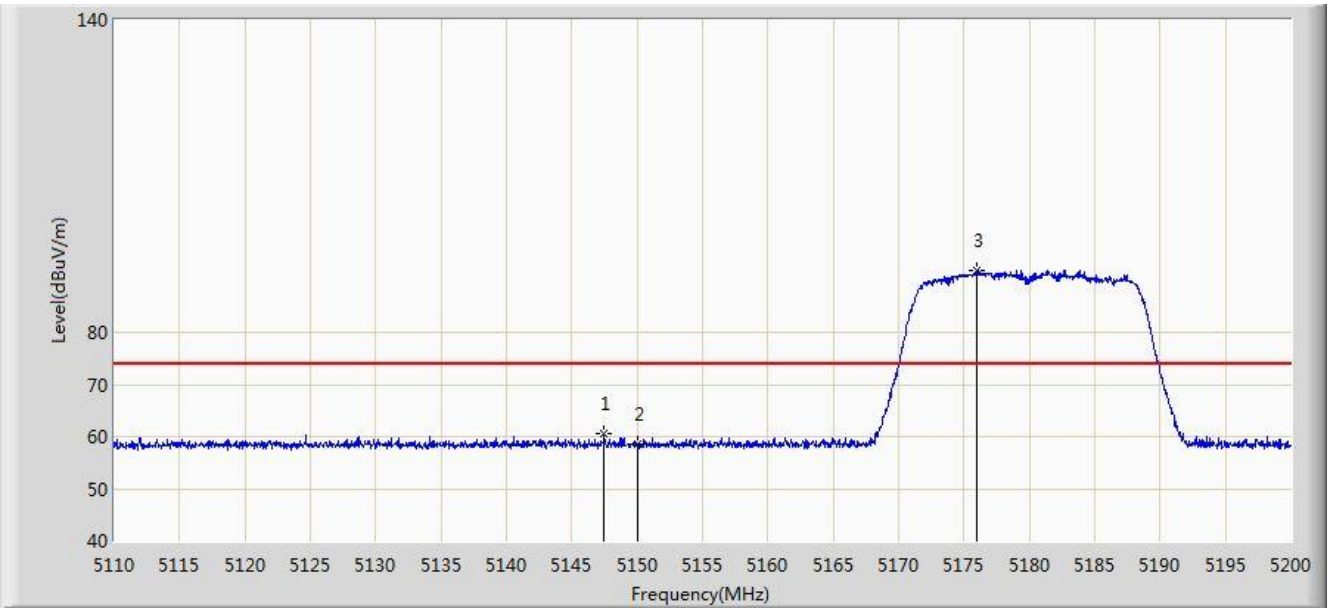


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5829.277	123.721	119.706	N/A	N/A	4.015	PK
2			5850.000	104.942	100.885	-17.258	122.200	4.058	PK
3			5855.000	104.090	100.030	-6.710	110.800	4.060	PK
4			5875.000	94.948	90.843	-10.252	105.200	4.105	PK
5			5925.000	68.775	64.522	-5.225	74.000	4.254	PK

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

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

Site: AC1	Time: 2017/04/21 - 11:12
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5180MHz Ant 0	

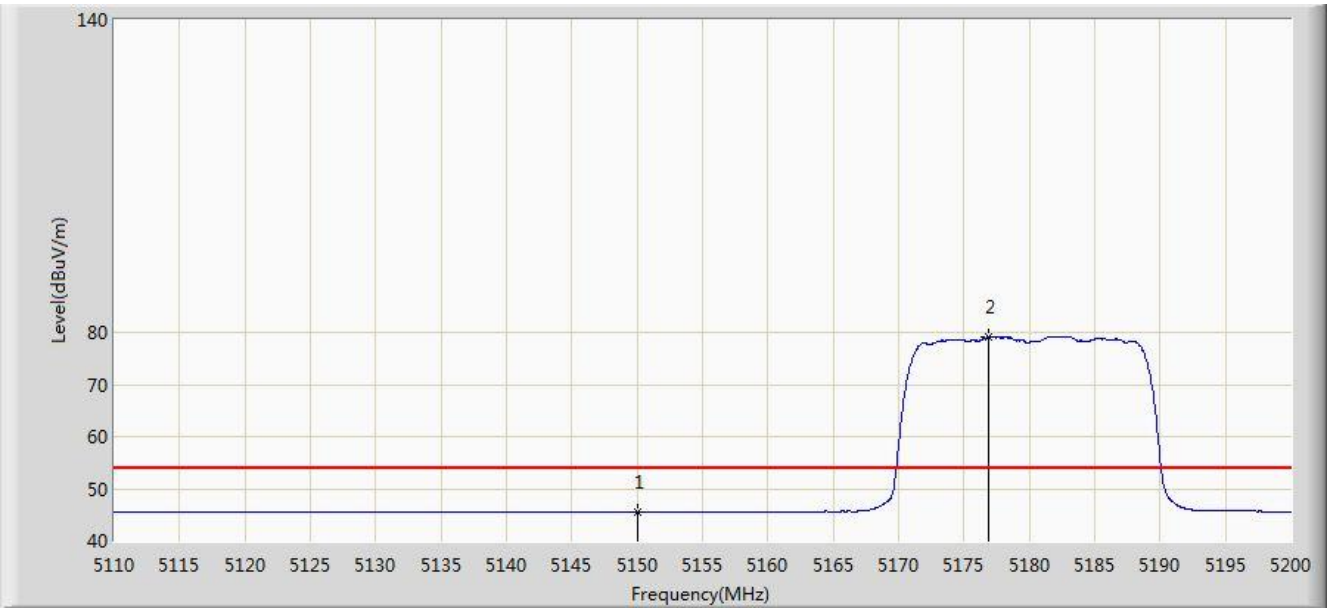


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.485	60.557	57.248	-13.443	74.000	3.308	PK
2			5150.000	58.481	55.172	-15.519	74.000	3.309	PK
3			5176.015	91.944	88.668	N/A	N/A	3.277	PK

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

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

Site: AC1	Time: 2017/04/21 - 11:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5180MHz Ant 0	

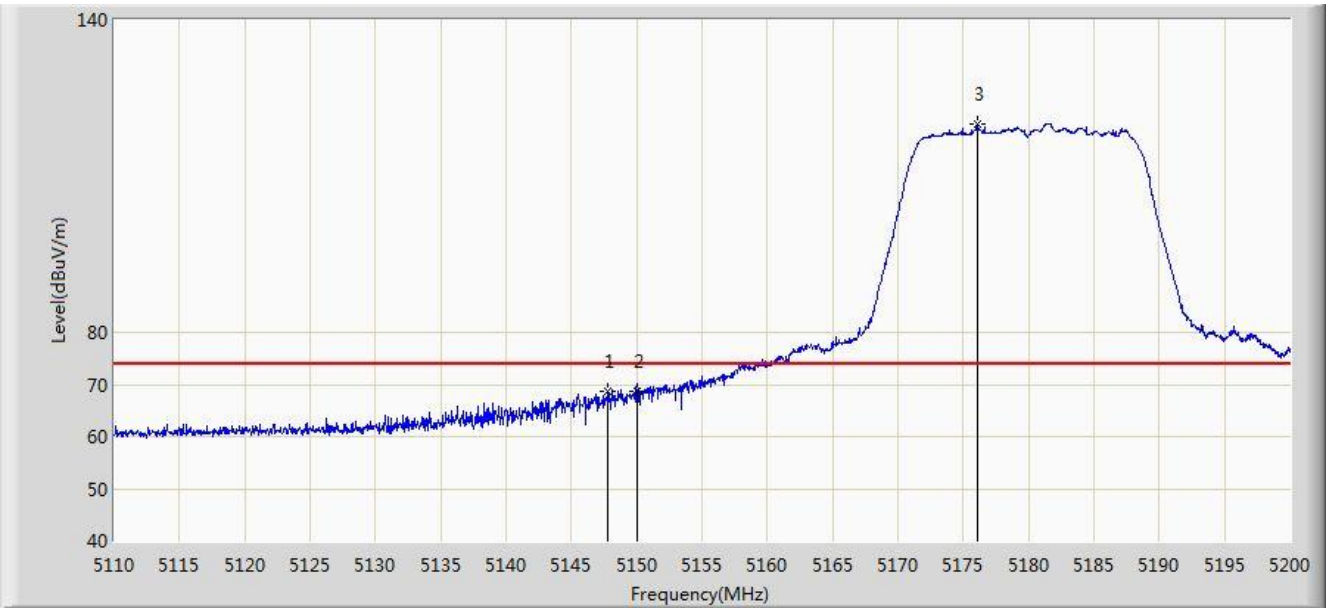


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	45.554	42.245	-8.446	54.000	3.309	AV
2			5176.870	79.076	75.800	N/A	N/A	3.276	AV

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

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

Site: AC1	Time: 2017/04/21 - 11:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5180MHz Ant 0	

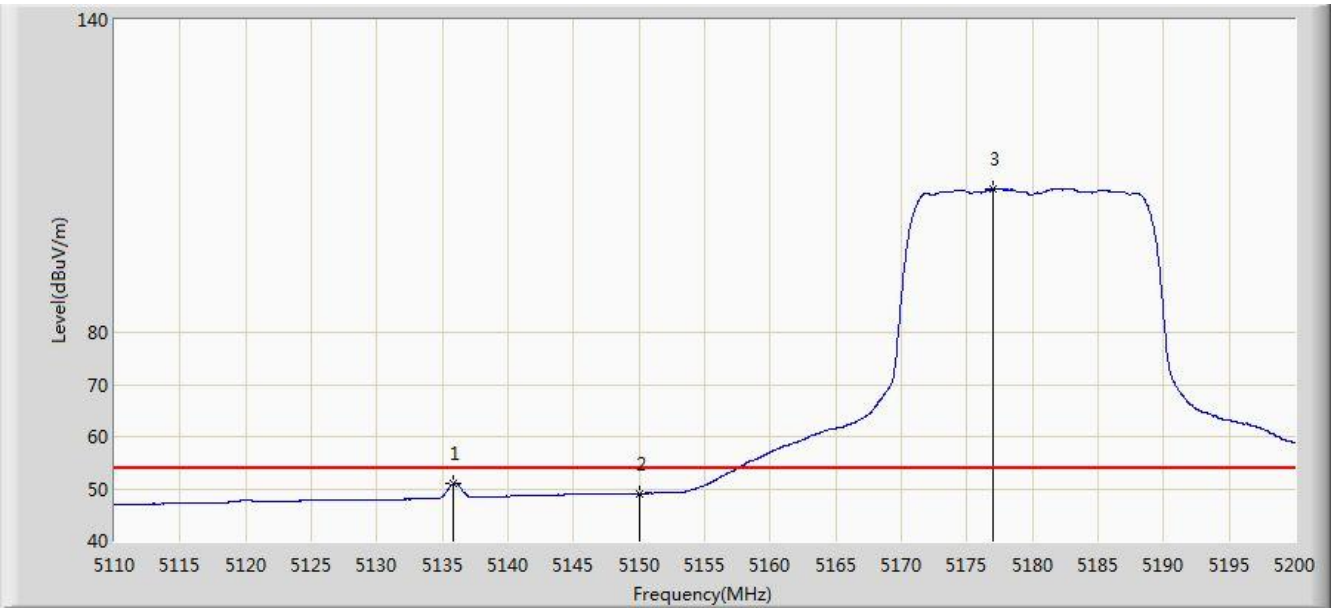


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.800	68.738	65.429	-5.262	74.000	3.309	PK
2			5150.000	68.801	65.492	-5.199	74.000	3.309	PK
3			5176.060	120.097	116.821	N/A	N/A	3.277	PK

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

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

Site: AC1	Time: 2017/04/21 - 11:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5180MHz Ant 0	

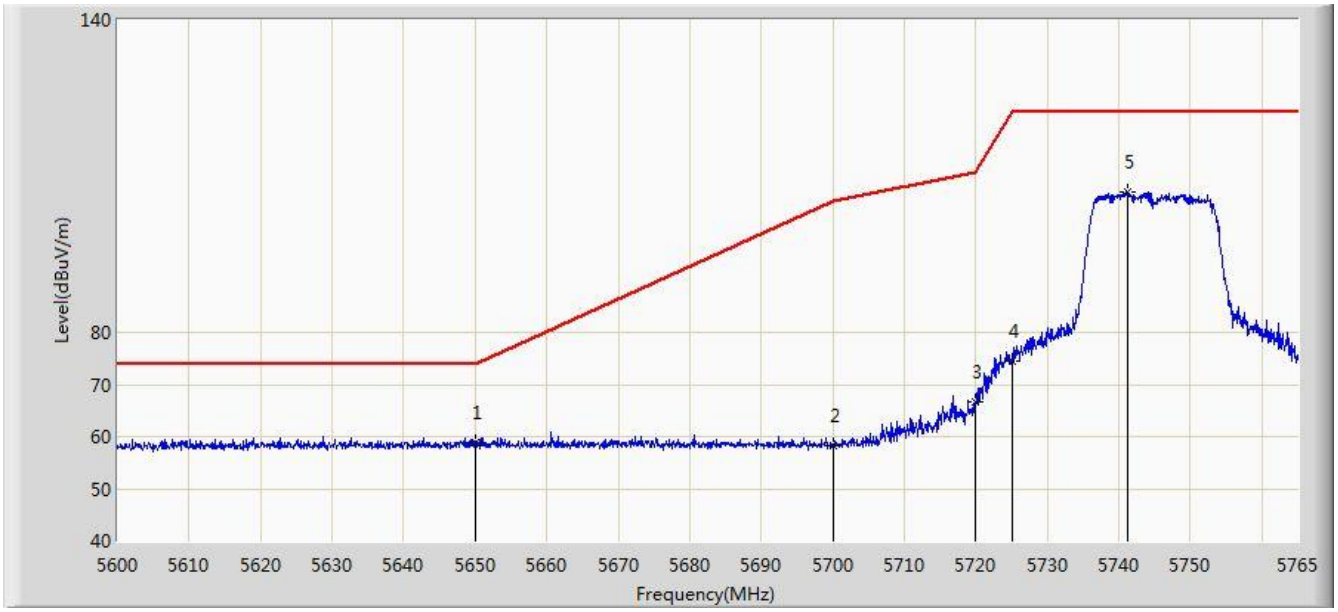


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5135.875	51.042	47.732	-2.958	54.000	3.309	AV
2			5150.000	49.089	45.780	-4.911	54.000	3.309	AV
3			5177.005	107.431	104.156	N/A	N/A	3.275	AV

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

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

Site: AC1	Time: 2017/04/21 - 11:18
Limit: FCC_Part15.407_RE(3m)_New	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5745MHz Ant 0	

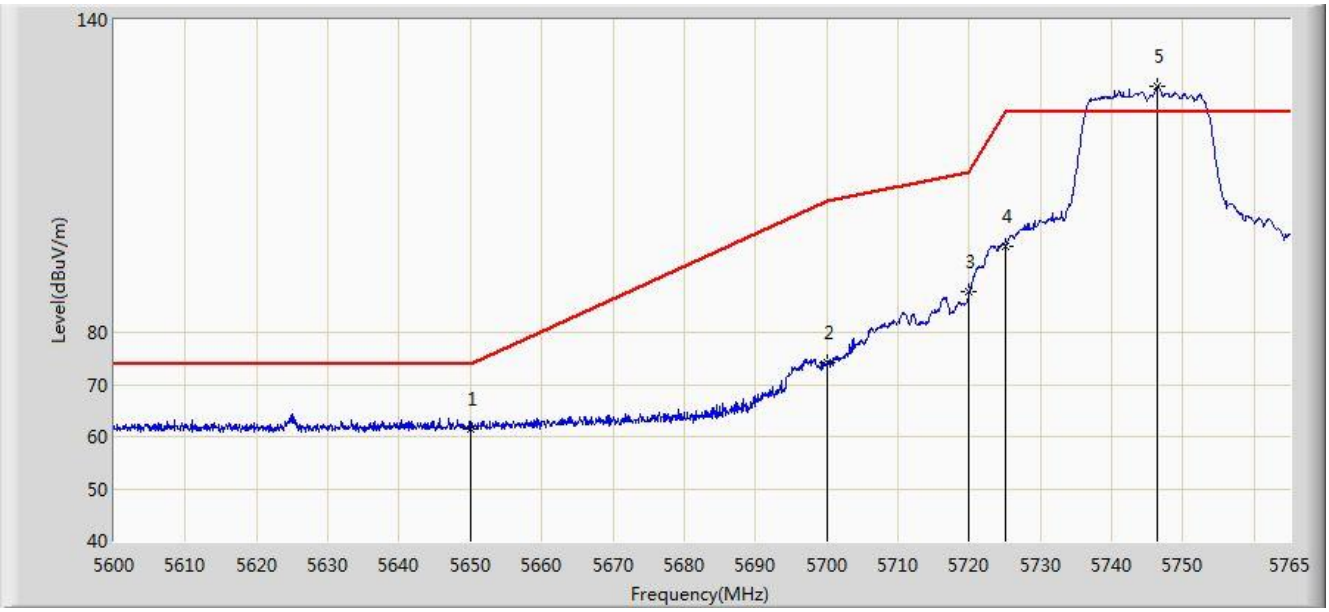


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5650.000	58.842	55.215	-15.158	74.000	3.627	PK
2			5700.000	58.172	54.453	-47.028	105.200	3.719	PK
3			5720.000	66.581	62.805	-44.219	110.800	3.776	PK
4			5725.000	74.612	70.821	-47.588	122.200	3.791	PK
5			5741.158	107.041	103.201	N/A	N/A	3.840	PK

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

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

Site: AC1	Time: 2017/04/21 - 11:16
Limit: FCC_Part15.407_RE(3m)_New	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5745MHz Ant 0	

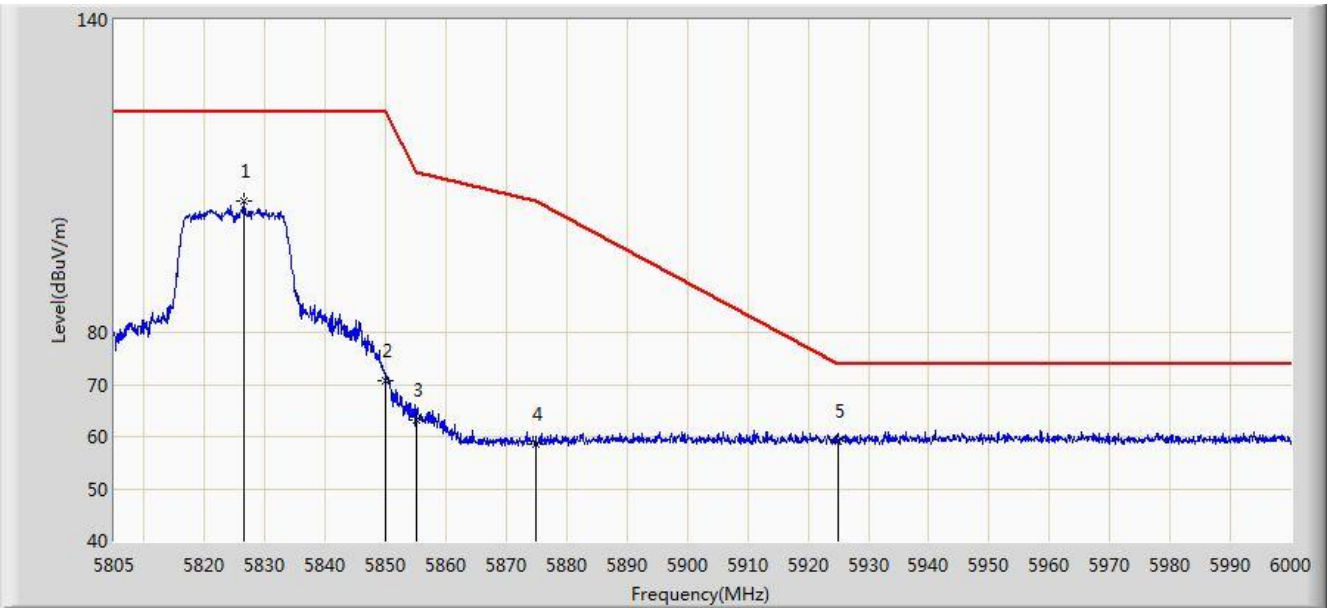


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5650.000	61.473	57.846	-12.527	74.000	3.627	PK
2			5700.000	74.170	70.451	-31.030	105.200	3.719	PK
3			5720.000	87.694	83.918	-23.106	110.800	3.776	PK
4			5725.000	96.647	92.856	-25.553	122.200	3.791	PK
5			5746.437	127.166	123.308	N/A	N/A	3.858	PK

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

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

Site: AC1	Time: 2017/04/21 - 11:21
Limit: FCC_Part15.407_RE(3m)_New	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5825MHz Ant 0	

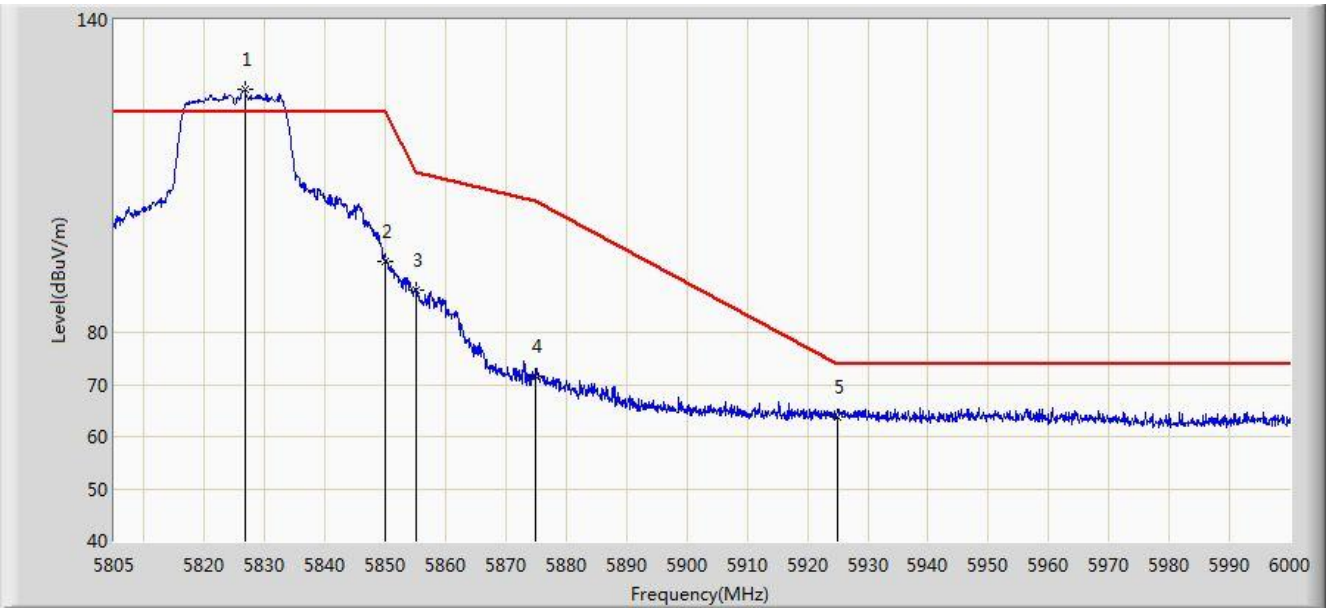


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5826.547	105.124	101.115	N/A	N/A	4.009	PK
2			5850.000	70.651	66.594	-51.549	122.200	4.058	PK
3			5855.000	63.052	58.992	-47.748	110.800	4.060	PK
4			5875.000	58.603	54.498	-46.597	105.200	4.105	PK
5			5925.000	59.231	54.978	-14.769	74.000	4.254	PK

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

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

Site: AC1	Time: 2017/04/21 - 11:20
Limit: FCC_Part15.407_RE(3m)_New	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5825MHz Ant 0	

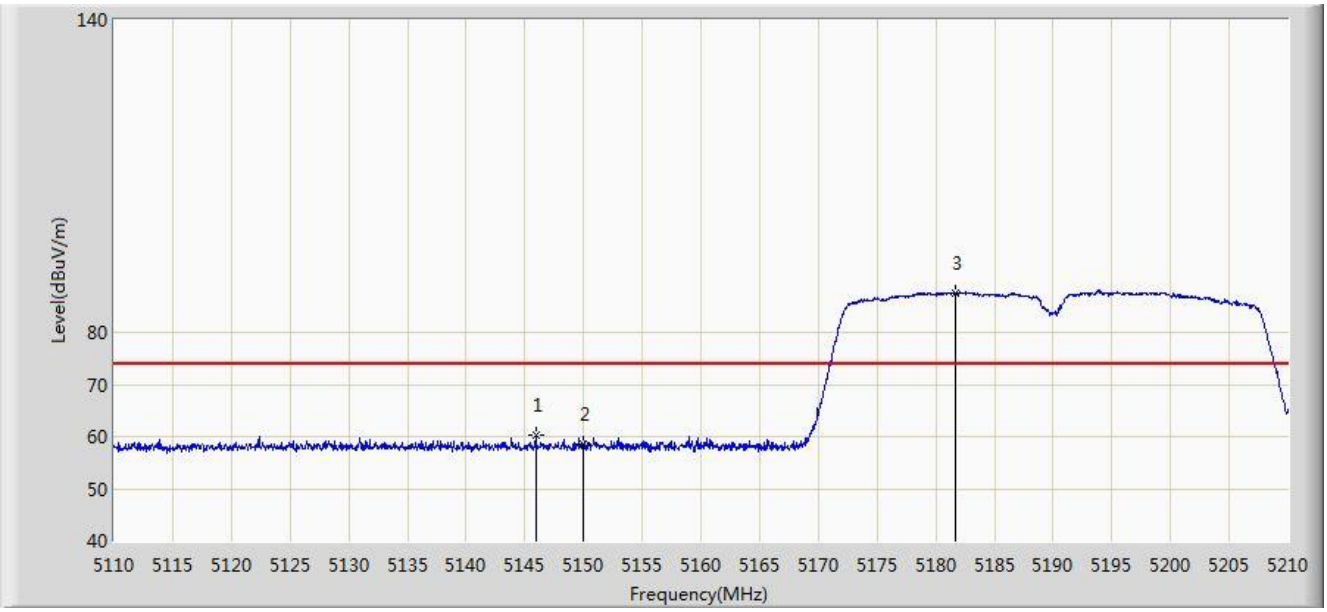


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5826.645	126.551	122.542	N/A	N/A	4.009	PK
2			5850.000	93.696	89.639	-28.504	122.200	4.058	PK
3			5855.000	88.251	84.191	-22.549	110.800	4.060	PK
4			5875.000	71.686	67.581	-33.514	105.200	4.105	PK
5			5925.000	63.673	59.420	-10.327	74.000	4.254	PK

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

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

Site: AC1	Time: 2017/04/21 - 11:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5190MHz Ant 0	

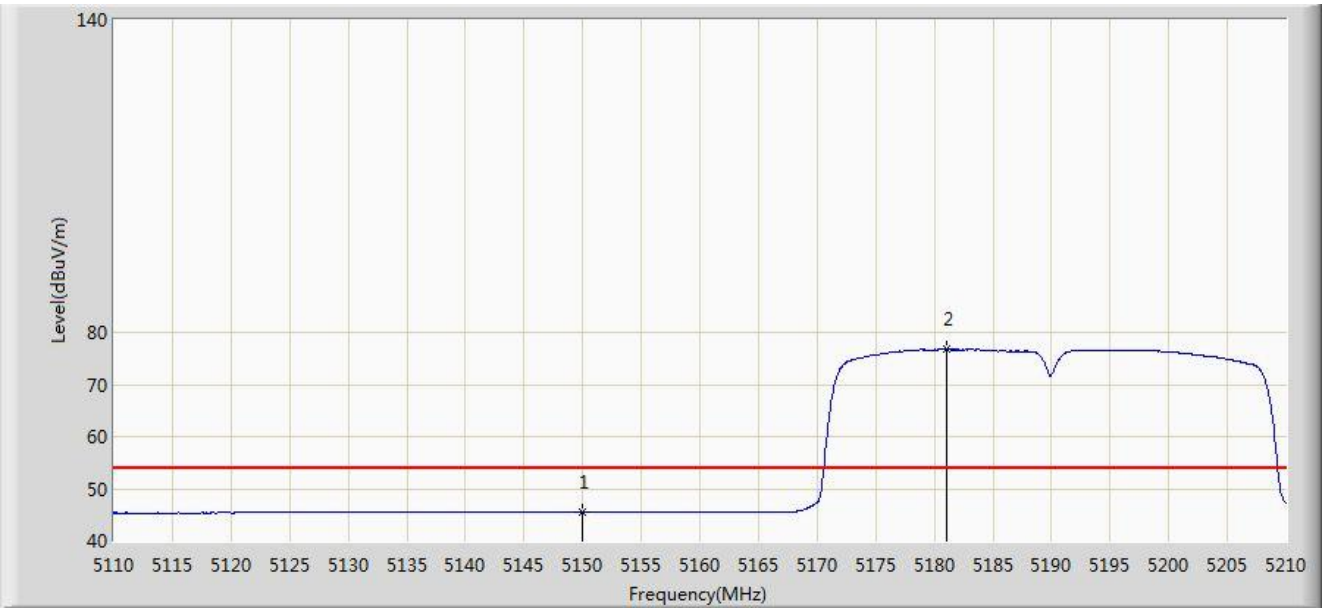


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5145.950	60.264	56.955	-13.736	74.000	3.309	PK
2			5150.000	58.498	55.189	-15.502	74.000	3.309	PK
3			5181.650	87.675	84.404	N/A	N/A	3.272	PK

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

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

Site: AC1	Time: 2017/04/21 - 11:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5190MHz Ant 0	

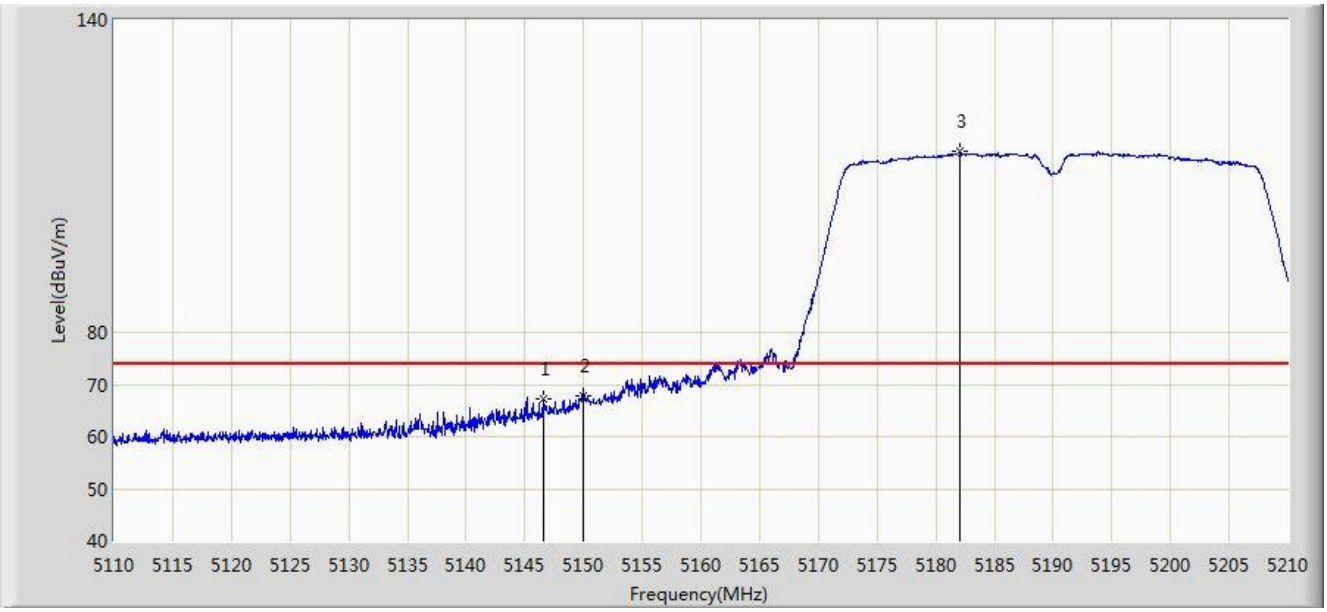


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	45.477	42.168	-8.523	54.000	3.309	AV
2			5181.000	76.716	73.444	N/A	N/A	3.273	AV

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

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

Site: AC1	Time: 2017/04/21 - 11:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5190MHz Ant 0	

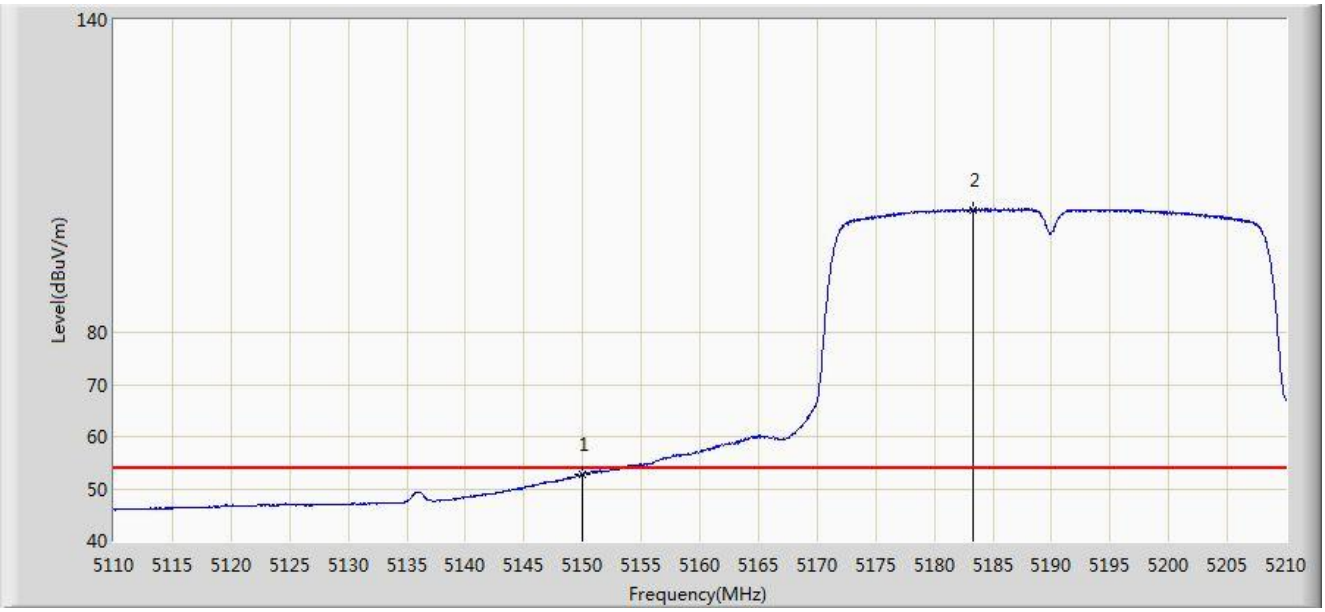


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5146.550	67.185	63.876	-6.815	74.000	3.309	PK
2			5150.000	67.906	64.597	-6.094	74.000	3.309	PK
3			5182.050	114.648	111.377	N/A	N/A	3.271	PK

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

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

Site: AC1	Time: 2017/04/21 - 11:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5190MHz Ant 0	

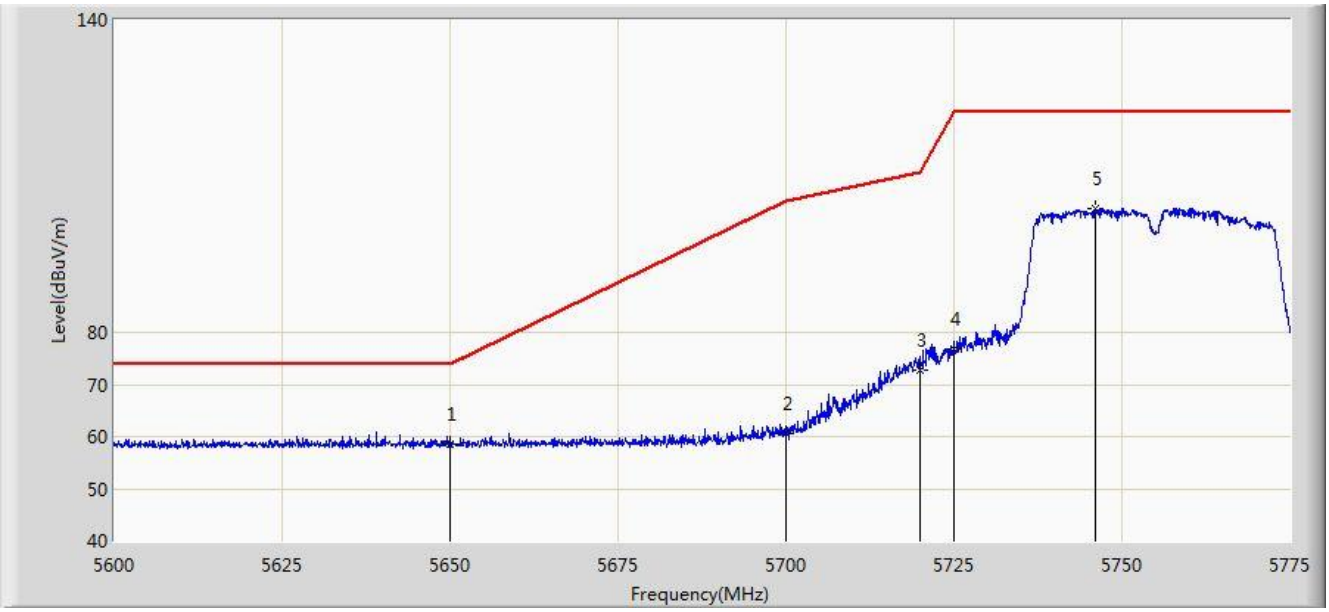


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	52.864	49.555	-1.136	54.000	3.309	AV
2			5183.350	103.602	100.333	N/A	N/A	3.270	AV

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

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

Site: AC1	Time: 2017/04/21 - 11:31
Limit: FCC_Part15.407_RE(3m)_New	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5755MHz Ant 0	

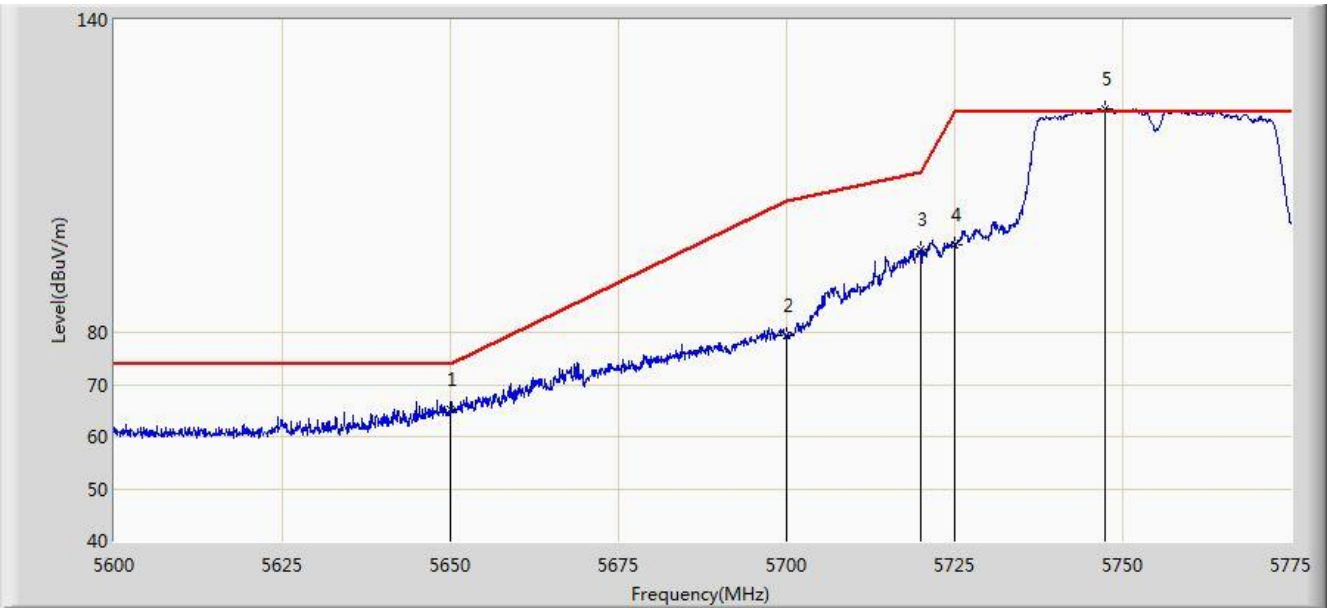


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5650.000	58.679	55.052	-15.321	74.000	3.627	PK
2			5700.000	60.446	56.727	-44.754	105.200	3.719	PK
3			5720.000	72.835	69.059	-37.965	110.800	3.776	PK
4			5725.000	76.731	72.940	-45.469	122.200	3.791	PK
5			5746.038	103.647	99.790	N/A	N/A	3.857	PK

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

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

Site: AC1	Time: 2017/04/21 - 11:34
Limit: FCC_Part15.407_RE(3m)_New	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5755MHz Ant 0	

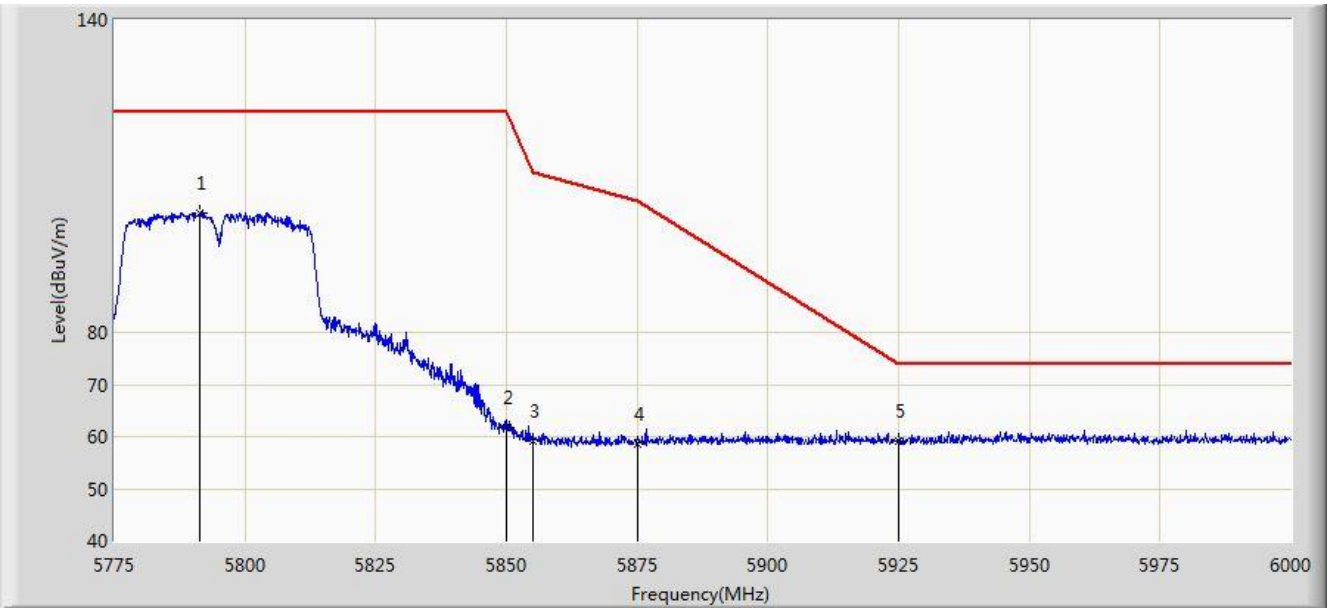


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5650.000	65.127	61.500	-8.873	74.000	3.627	PK
2			5700.000	79.282	75.563	-25.918	105.200	3.719	PK
3			5720.000	95.899	92.123	-14.901	110.800	3.776	PK
4			5725.000	96.851	93.060	-25.349	122.200	3.791	PK
5			5747.437	122.785	118.923	N/A	N/A	3.861	PK

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

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

Site: AC1	Time: 2017/04/21 - 11:36
Limit: FCC_Part15.407_RE(3m)_New	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5795MHz Ant 0	

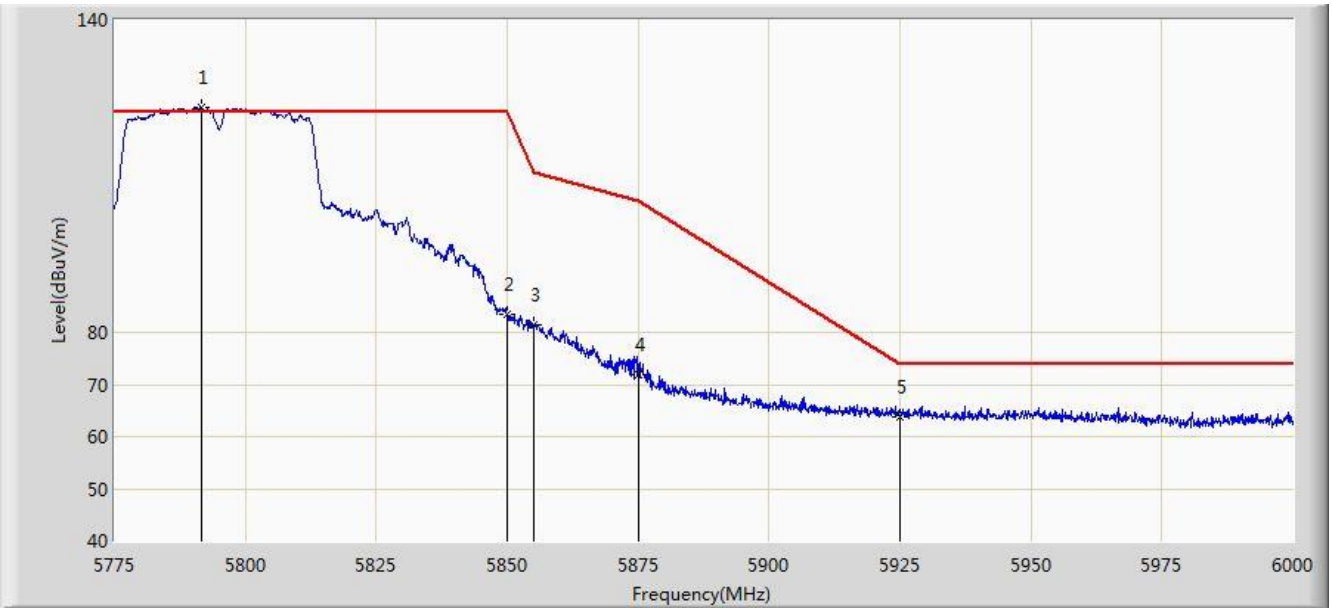


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5791.425	103.041	99.093	N/A	N/A	3.948	PK
2			5850.000	61.622	57.565	-60.578	122.200	4.058	PK
3			5855.000	59.246	55.186	-51.554	110.800	4.060	PK
4			5875.000	58.545	54.440	-46.655	105.200	4.105	PK
5			5925.000	59.236	54.983	-14.764	74.000	4.254	PK

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

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

Site: AC1	Time: 2017/04/21 - 11:37
Limit: FCC_Part15.407_RE(3m)_New	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5795MHz Ant 0	

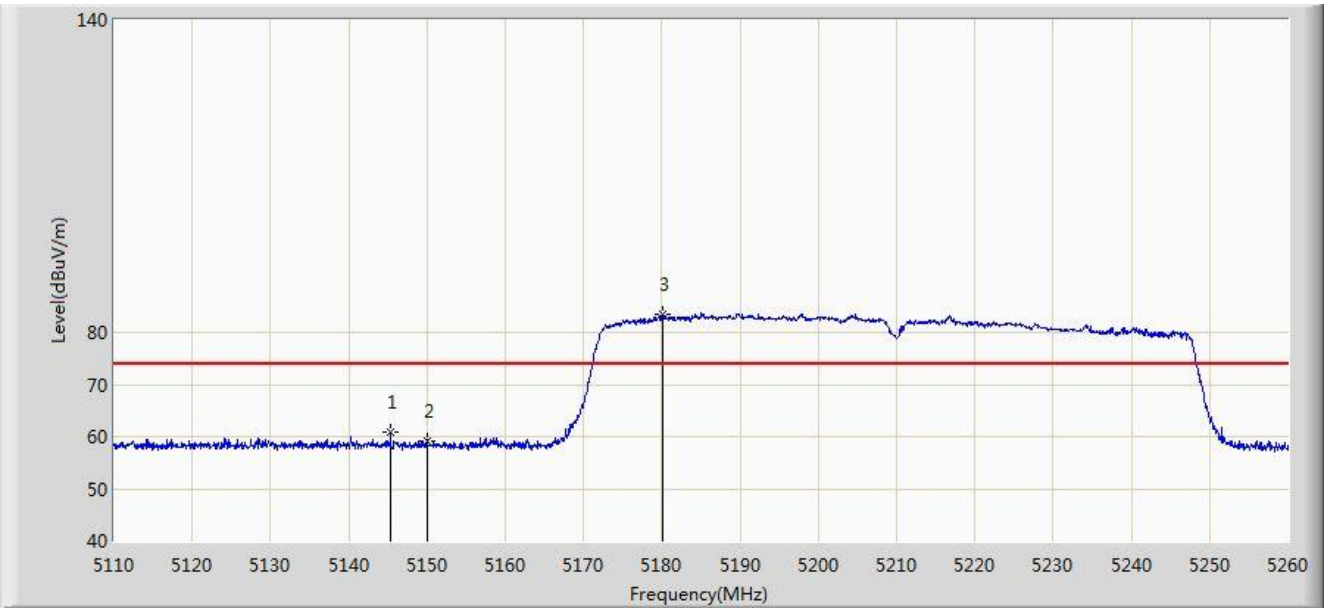


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5791.650	123.225	119.277	N/A	N/A	3.948	PK
2			5850.000	83.584	79.527	-38.616	122.200	4.058	PK
3			5855.000	81.495	77.435	-29.305	110.800	4.060	PK
4			5875.000	72.005	67.900	-33.195	105.200	4.105	PK
5			5925.000	63.760	59.507	-10.240	74.000	4.254	PK

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

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

Site: AC1	Time: 2017/04/21 - 11:48
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5210MHz Ant 0	

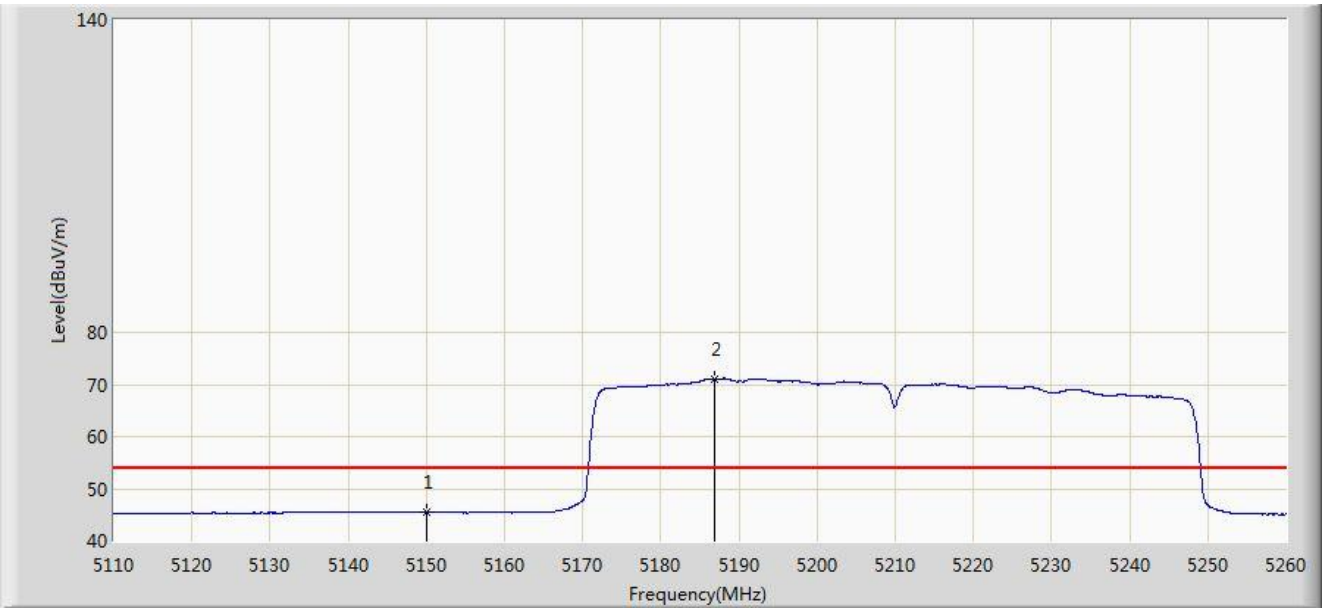


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5145.325	60.775	57.466	-13.225	74.000	3.309	PK
2			5150.000	59.248	55.939	-14.752	74.000	3.309	PK
3			5180.200	83.523	80.250	N/A	N/A	3.272	PK

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

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

Site: AC1	Time: 2017/04/21 - 11:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5210MHz Ant 0	

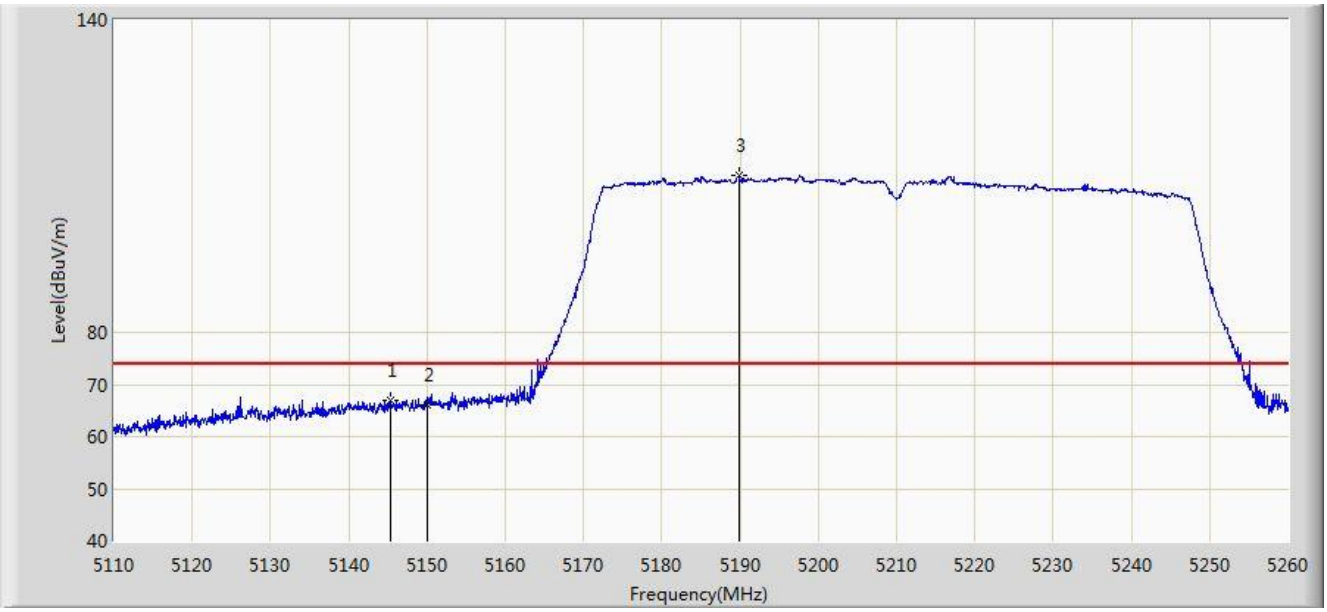


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	45.415	42.106	-8.585	54.000	3.309	AV
2			5186.875	70.932	67.667	N/A	N/A	3.264	AV

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

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

Site: AC1	Time: 2017/04/21 - 11:47
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5210MHz Ant 0	

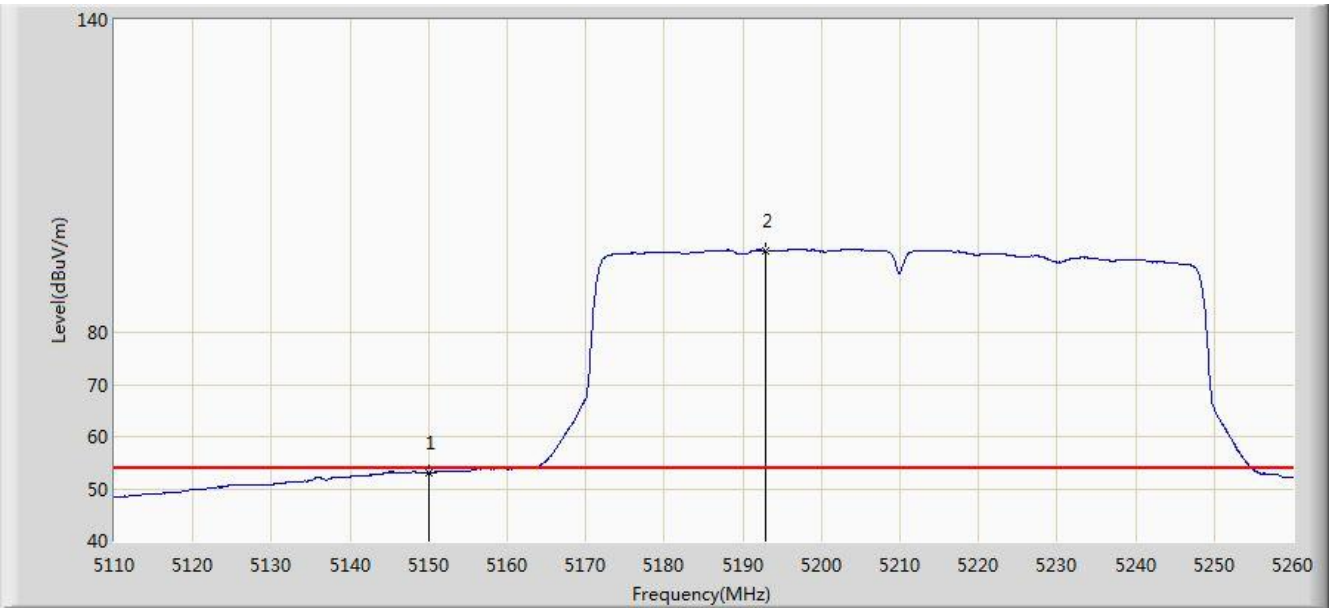


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5145.250	66.935	63.626	-7.065	74.000	3.309	PK
2			5150.000	66.116	62.807	-7.884	74.000	3.309	PK
3			5189.800	110.044	106.783	N/A	N/A	3.261	PK

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

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

Site: AC1	Time: 2017/04/21 - 11:47
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5210MHz Ant 0	

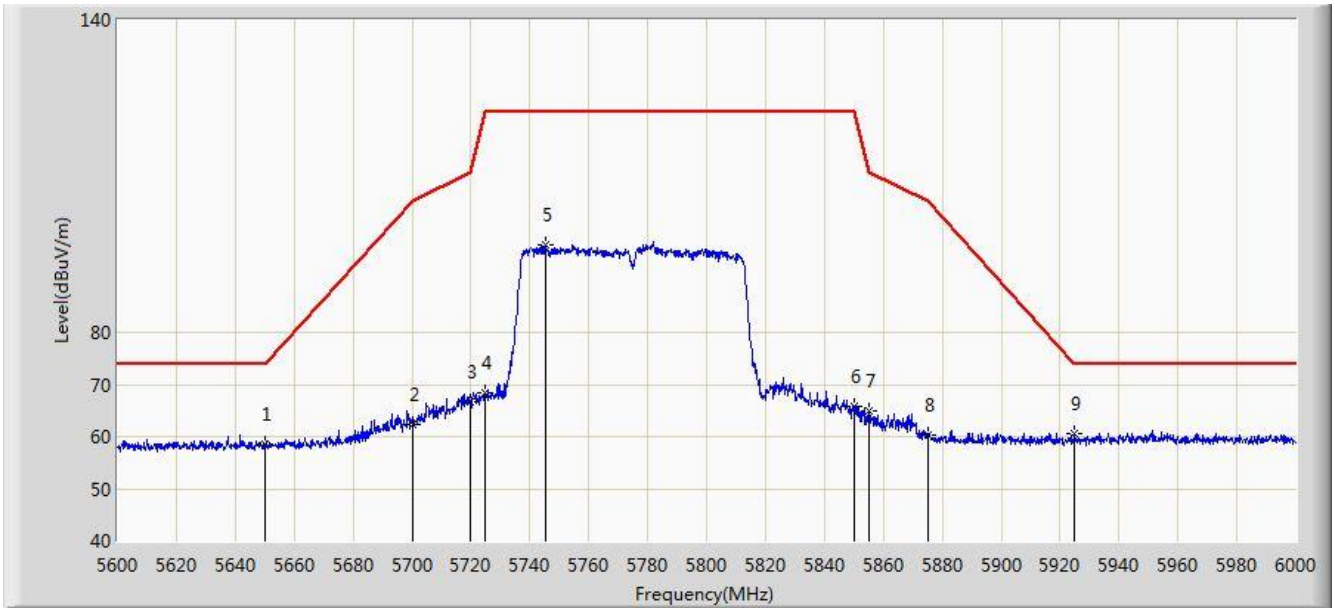


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.046	49.737	-0.954	54.000	3.309	AV
2			5192.950	95.783	92.526	N/A	N/A	3.258	AV

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

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

Site: AC1	Time: 2017/04/21 - 11:54
Limit: FCC_Part15.407_RE(3m)_New	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5775MHz Ant 0	

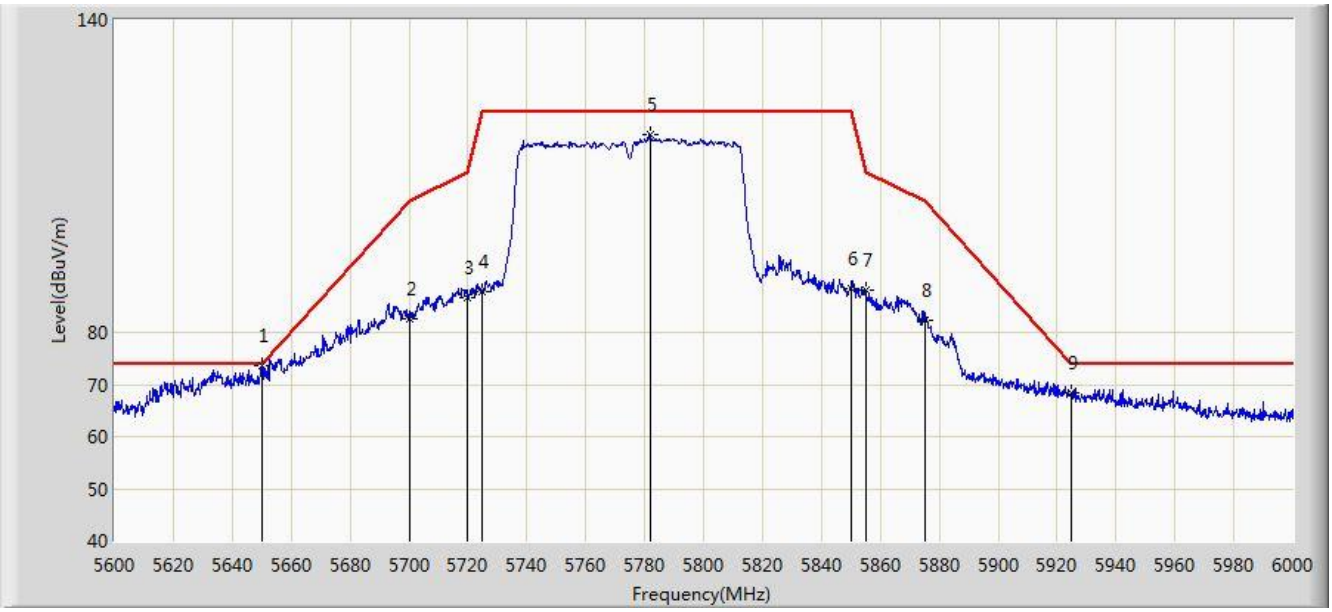


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5650.000	58.498	54.871	-15.502	74.000	3.627	PK
2			5700.000	62.204	58.485	-42.996	105.200	3.719	PK
3			5720.000	66.774	62.998	-44.026	110.800	3.776	PK
4			5725.000	68.326	64.535	-53.874	122.200	3.791	PK
5			5745.400	96.717	92.863	N/A	N/A	3.853	PK
6			5850.000	65.664	61.607	-56.536	122.200	4.058	PK
7			5855.000	65.069	61.009	-45.731	110.800	4.060	PK
8			5875.000	60.241	56.136	-44.959	105.200	4.105	PK
9			5925.000	60.529	56.276	-13.471	74.000	4.254	PK

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

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

Site: AC1	Time: 2017/04/21 - 11:53
Limit: FCC_Part15.407_RE(3m)_New	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5775MHz Ant 0	

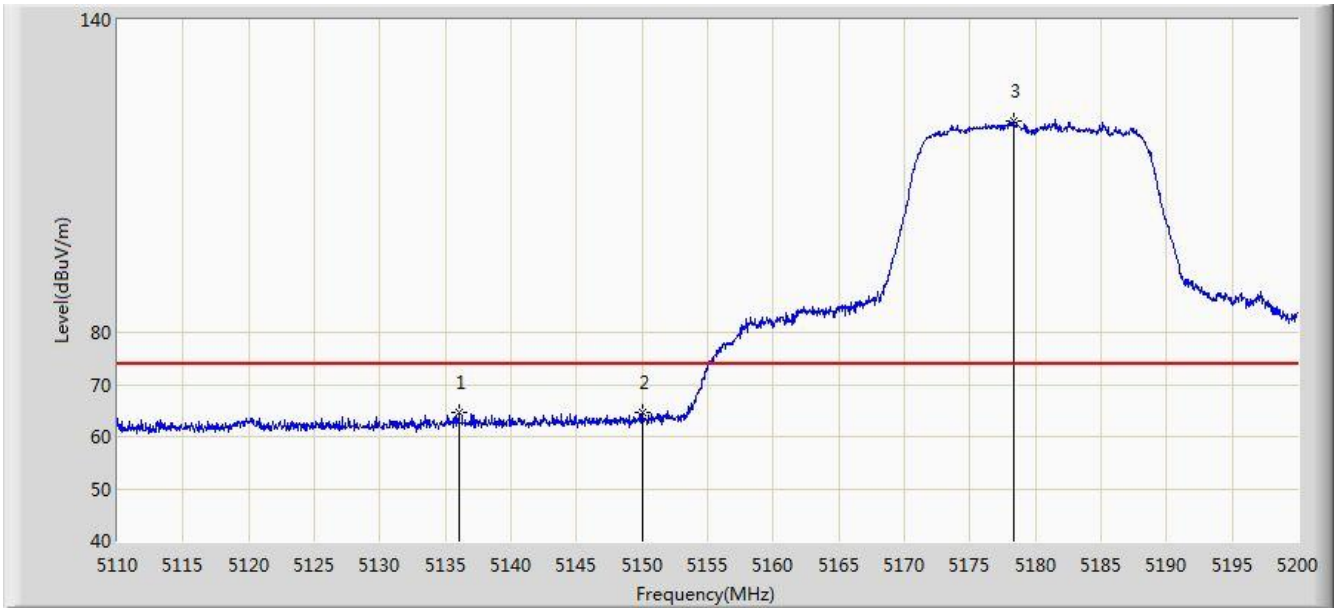


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5650.000	73.691	70.064	-0.309	74.000	3.627	PK
2			5700.000	82.679	78.960	-22.521	105.200	3.719	PK
3			5720.000	86.596	82.820	-24.204	110.800	3.776	PK
4			5725.000	87.969	84.178	-34.231	122.200	3.791	PK
5			5782.000	117.891	113.961	N/A	N/A	3.930	PK
6			5850.000	88.473	84.416	-33.727	122.200	4.058	PK
7			5855.000	88.068	84.008	-22.732	110.800	4.060	PK
8			5875.000	82.240	78.135	-22.960	105.200	4.105	PK
9			5925.000	68.437	64.184	-5.563	74.000	4.254	PK

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

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

Site: AC1	Time: 2017/04/21 - 13:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5180MHz Ant 0+1	

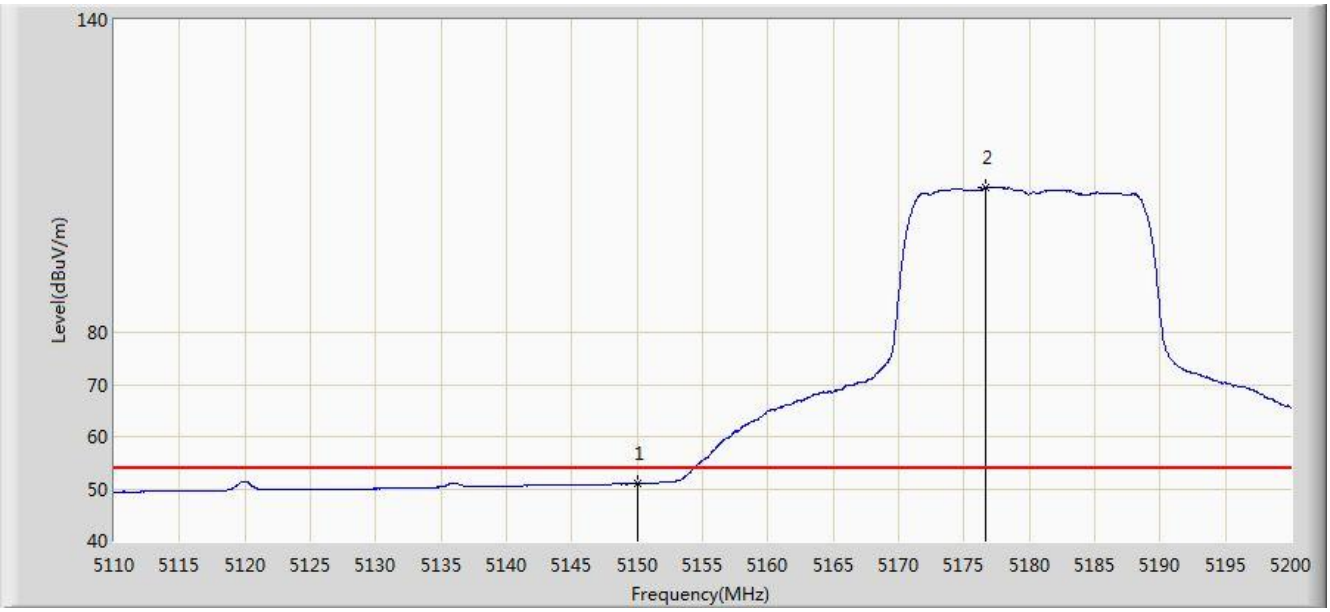


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5136.055	64.582	61.272	-9.418	74.000	3.309	PK
2			5150.000	64.499	61.190	-9.501	74.000	3.309	PK
3			5178.355	120.682	117.408	N/A	N/A	3.275	PK

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

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

Site: AC1	Time: 2017/04/21 - 13:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5180MHz Ant 0+1	

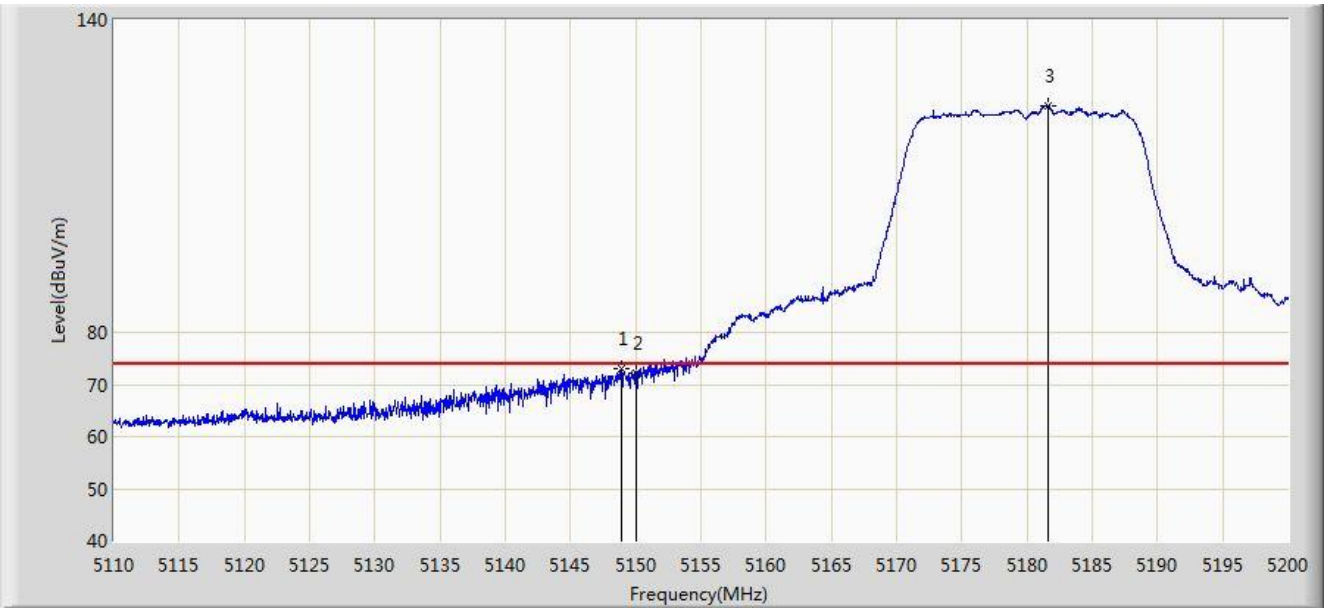


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.963	47.654	-3.037	54.000	3.309	AV
2			5176.690	107.873	104.597	N/A	N/A	3.276	AV

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

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

Site: AC1	Time: 2017/04/21 - 13:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5180MHz Ant 0+1	

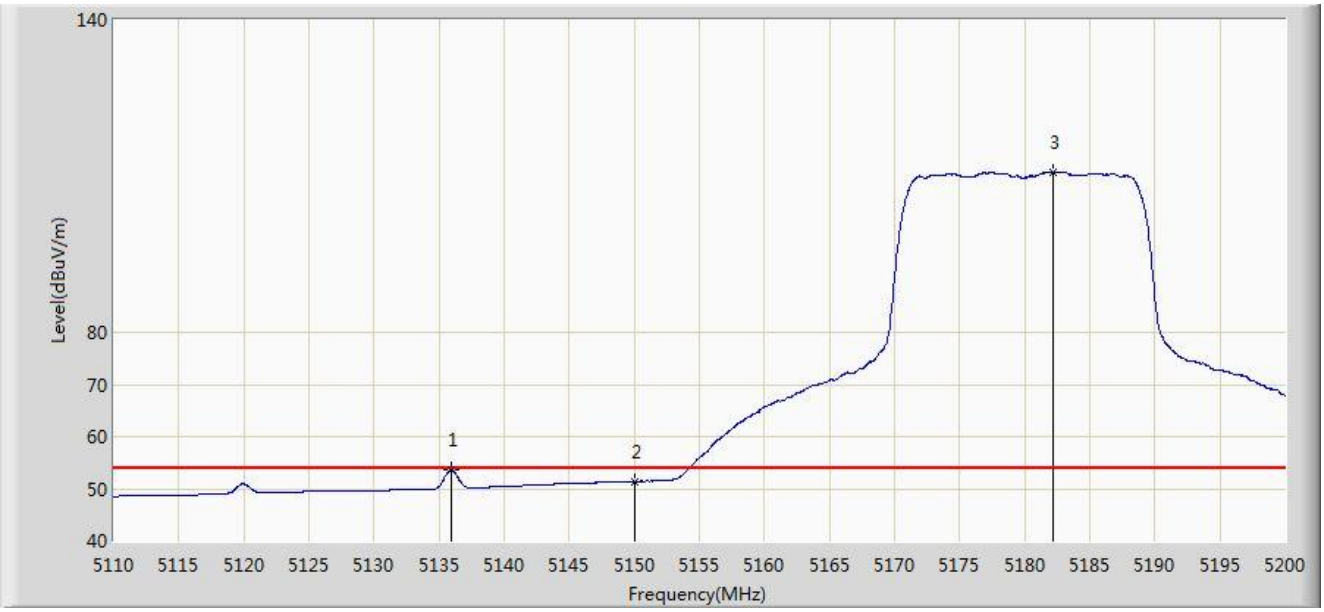


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.880	72.957	69.648	-1.043	74.000	3.309	PK
2			5150.000	72.189	68.880	-1.811	74.000	3.309	PK
3			5181.595	123.467	120.195	N/A	N/A	3.272	PK

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

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

Site: AC1	Time: 2017/04/21 - 13:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5180MHz Ant 0+1	

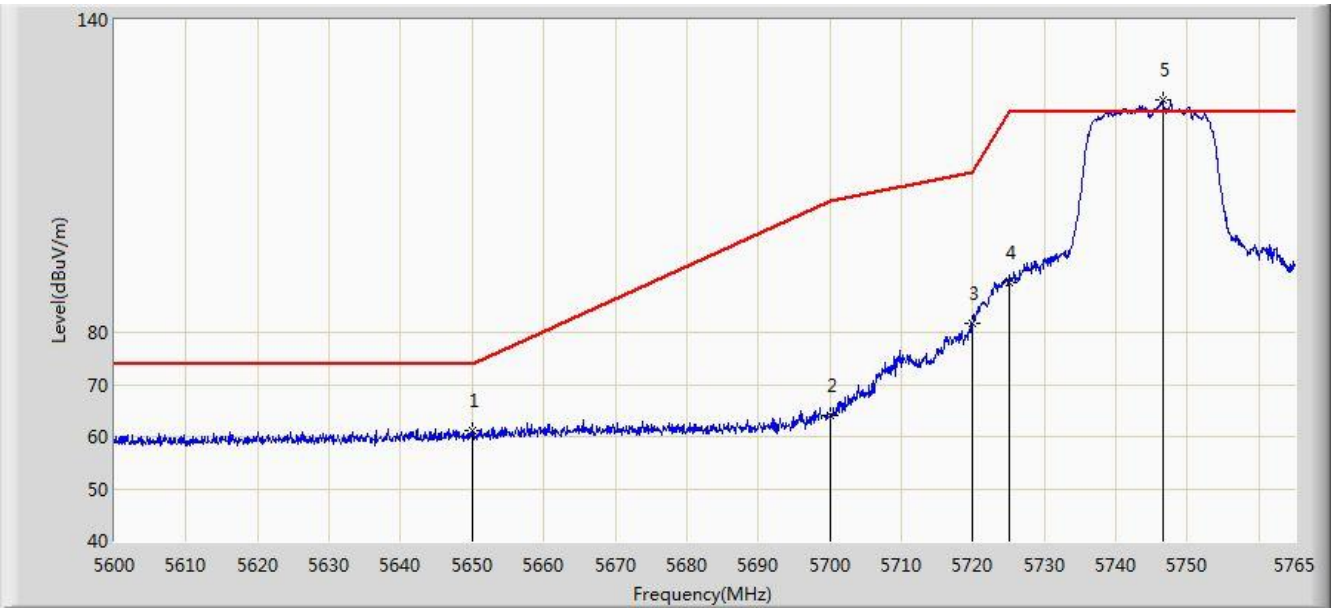


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5135.965	53.527	50.217	-0.473	54.000	3.309	AV
2			5150.000	51.343	48.034	-2.657	54.000	3.309	AV
3	X		5182.180	110.790	107.519	N/A	N/A	3.271	AV

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

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

Site: AC1	Time: 2017/04/21 - 13:55
Limit: FCC_Part15.407_RE(3m)_New	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5745MHz Ant 0+1	

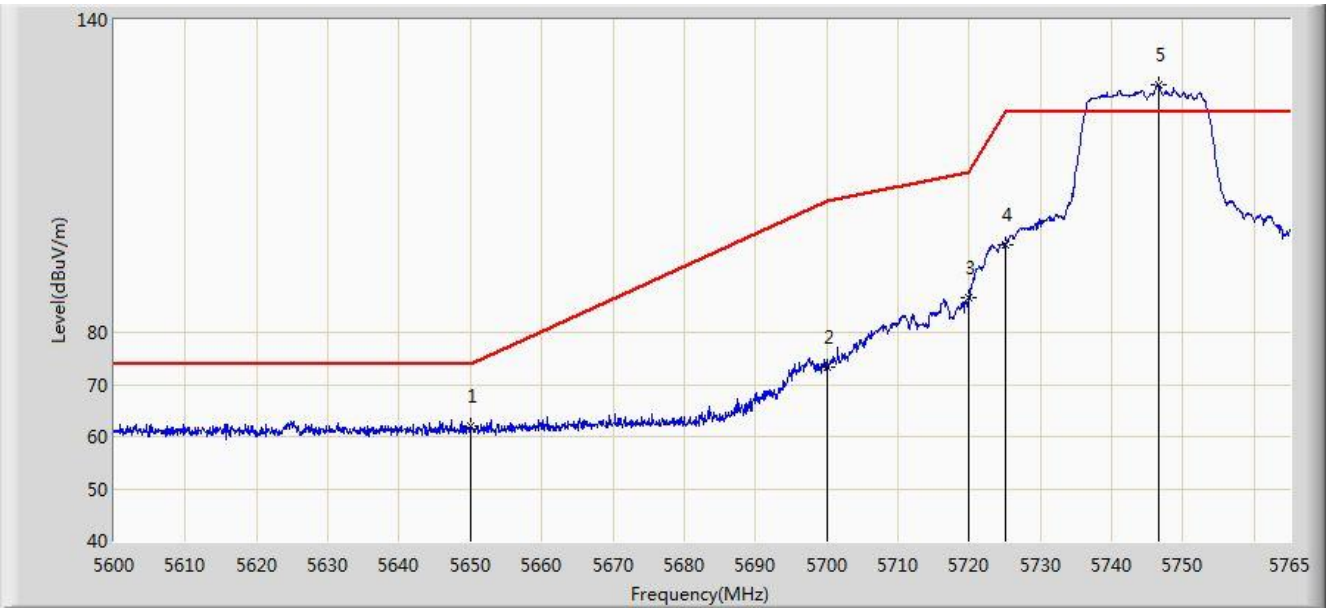


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5650.000	61.051	57.424	-12.949	74.000	3.627	PK
2			5700.000	64.117	60.398	-41.083	105.200	3.719	PK
3			5720.000	81.788	78.012	-29.012	110.800	3.776	PK
4			5725.000	89.600	85.809	-32.600	122.200	3.791	PK
5			5746.603	124.624	120.765	N/A	N/A	3.859	PK

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

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

Site: AC1	Time: 2017/04/21 - 13:53
Limit: FCC_Part15.407_RE(3m)_New	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5745MHz Ant 0+1	

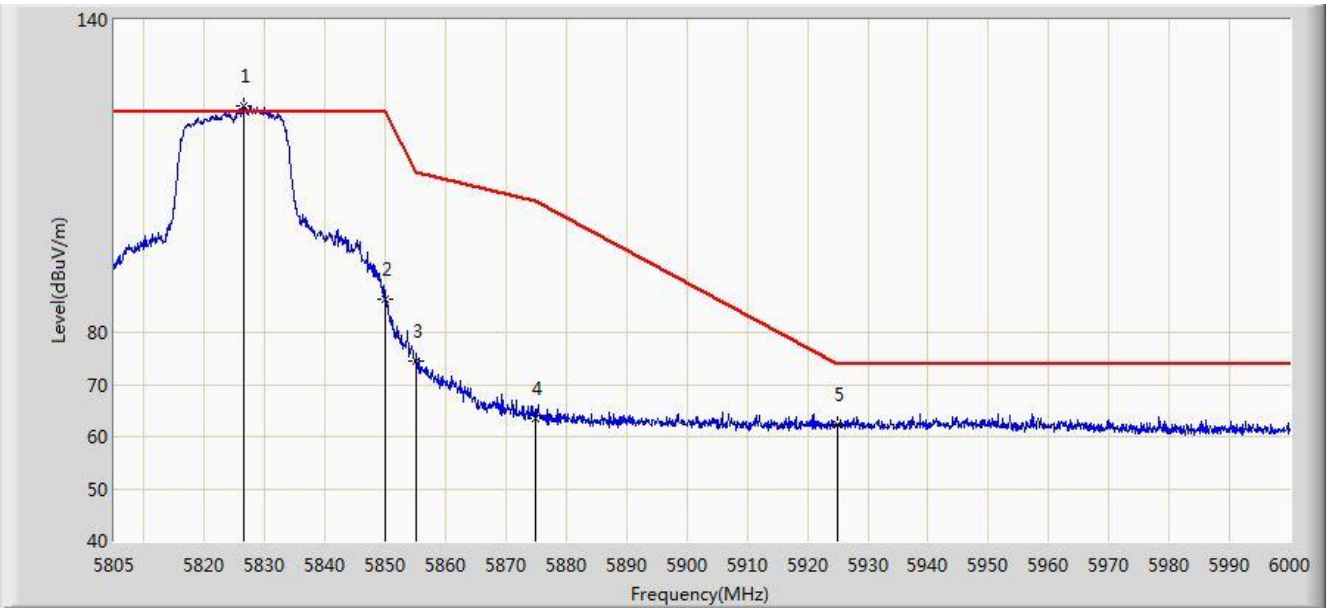


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5650.000	62.078	58.451	-11.922	74.000	3.627	PK
2			5700.000	73.451	69.732	-31.749	105.200	3.719	PK
3			5720.000	86.710	82.934	-24.090	110.800	3.776	PK
4			5725.000	96.757	92.966	-25.443	122.200	3.791	PK
5			5746.520	127.501	123.643	N/A	N/A	3.858	PK

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

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

Site: AC1	Time: 2017/04/21 - 13:58
Limit: FCC_Part15.407_RE(3m)_New	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5825MHz Ant 0+1	

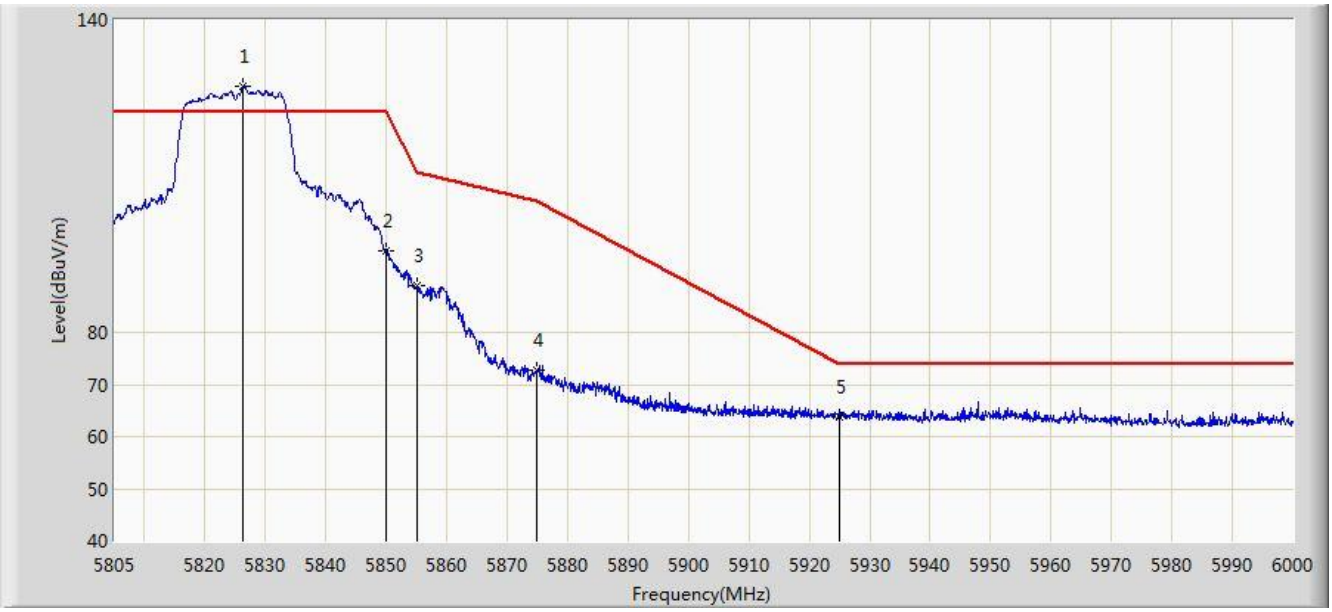


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5826.450	123.398	119.389	N/A	N/A	4.009	PK
2			5850.000	86.266	82.209	-35.934	122.200	4.058	PK
3			5855.000	74.612	70.552	-36.188	110.800	4.060	PK
4			5875.000	63.391	59.286	-41.809	105.200	4.105	PK
5			5925.000	62.383	58.130	-11.617	74.000	4.254	PK

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

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

Site: AC1	Time: 2017/04/21 - 13:57
Limit: FCC_Part15.407_RE(3m)_New	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5825MHz Ant 0+1	

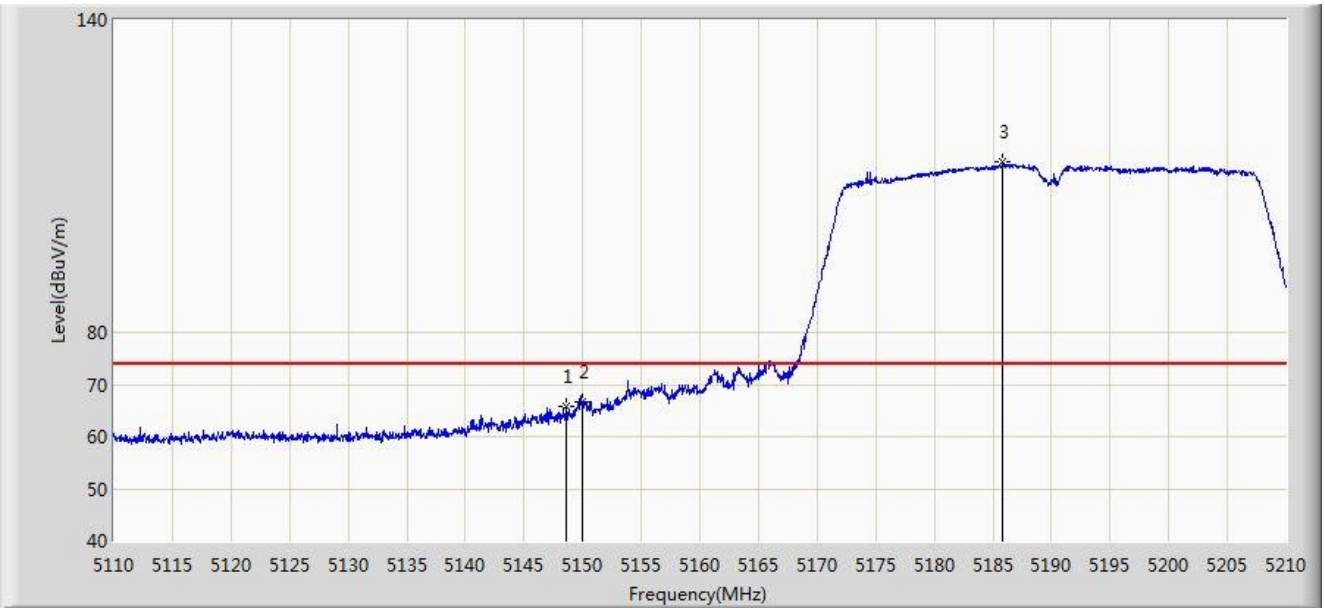


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5826.255	127.133	123.125	N/A	N/A	4.008	PK
2			5850.000	95.730	91.673	-26.470	122.200	4.058	PK
3			5855.000	88.988	84.928	-21.812	110.800	4.060	PK
4			5875.000	72.806	68.701	-32.394	105.200	4.105	PK
5			5925.000	63.799	59.546	-10.201	74.000	4.254	PK

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

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

Site: AC1	Time: 2017/04/21 - 14:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5190MHz Ant 0+1	

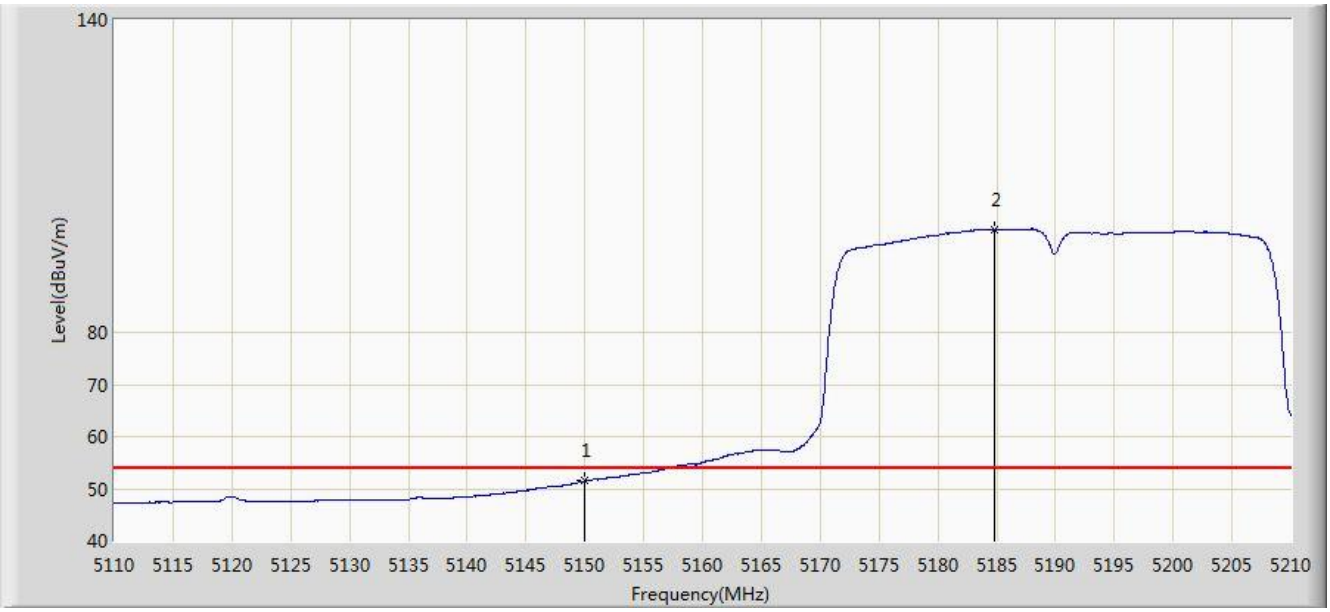


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.550	65.665	62.356	-8.335	74.000	3.309	PK
2			5150.000	66.758	63.449	-7.242	74.000	3.309	PK
3			5185.850	112.667	109.401	N/A	N/A	3.266	PK

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

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

Site: AC1	Time: 2017/04/21 - 14:07
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5190MHz Ant 0+1	

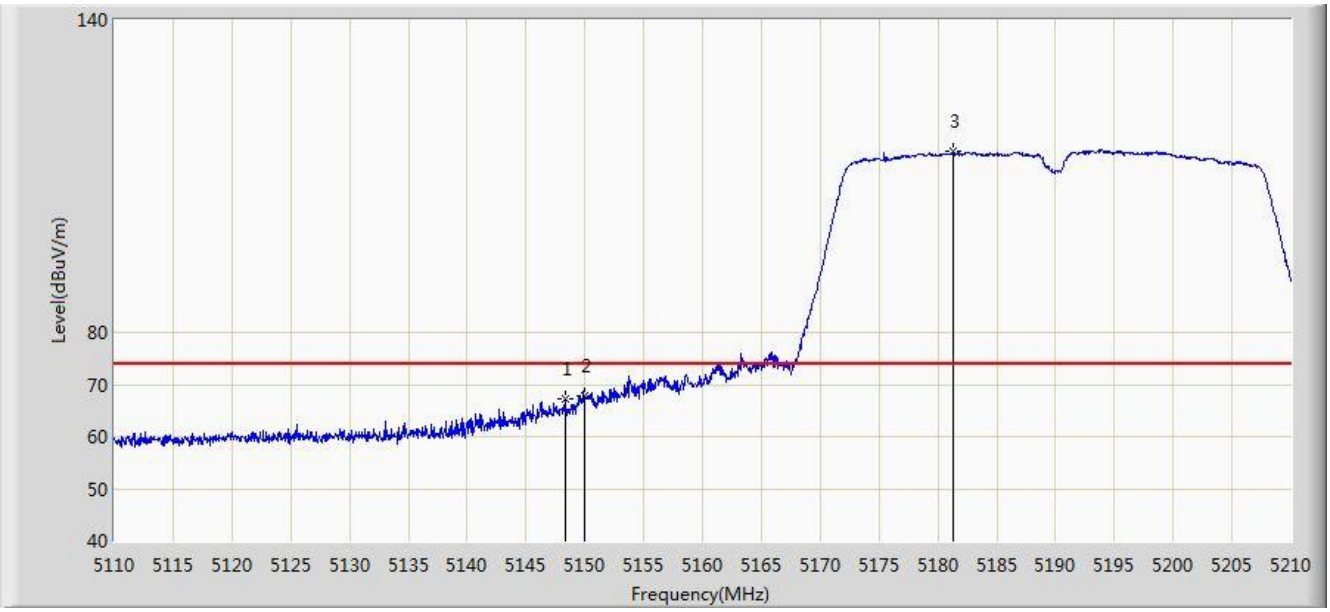


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	51.460	48.151	-2.540	54.000	3.309	AV
2			5184.750	99.726	96.458	N/A	N/A	3.267	AV

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

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

Site: AC1	Time: 2017/04/21 - 14:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5190MHz Ant 0+1	

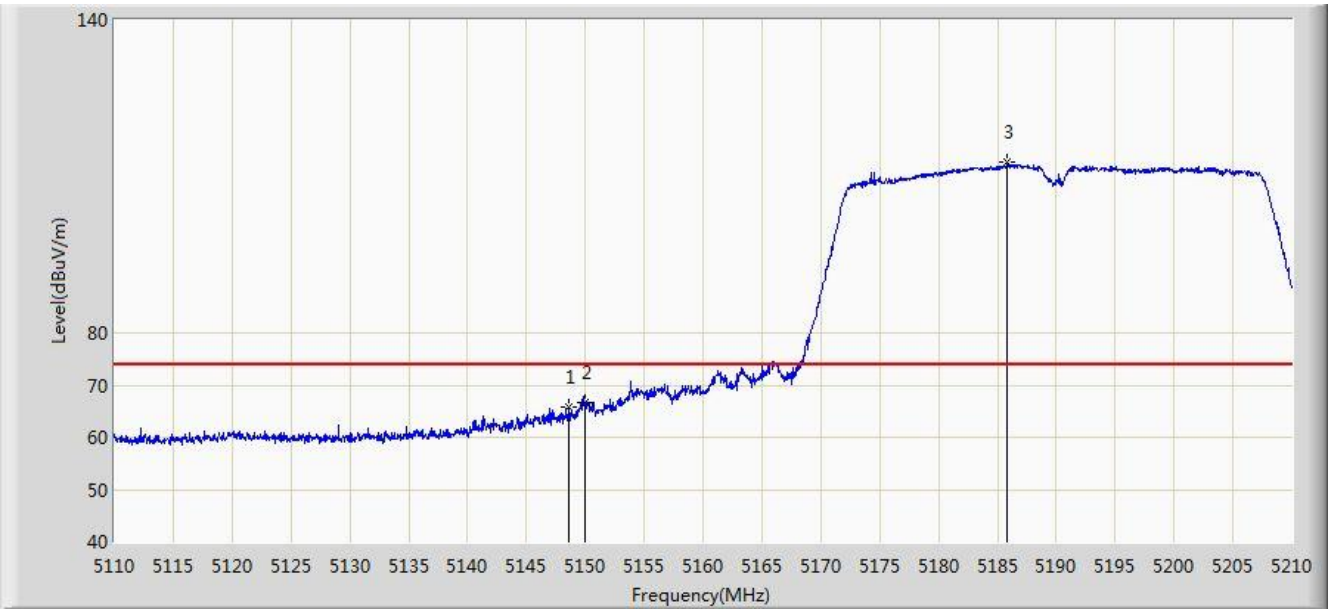


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.300	67.363	64.054	-6.637	74.000	3.308	PK
2			5150.000	67.745	64.436	-6.255	74.000	3.309	PK
3			5181.250	114.831	111.559	N/A	N/A	3.272	PK

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

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

Site: AC1	Time: 2017/04/21 - 14:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5190MHz Ant 0+1	

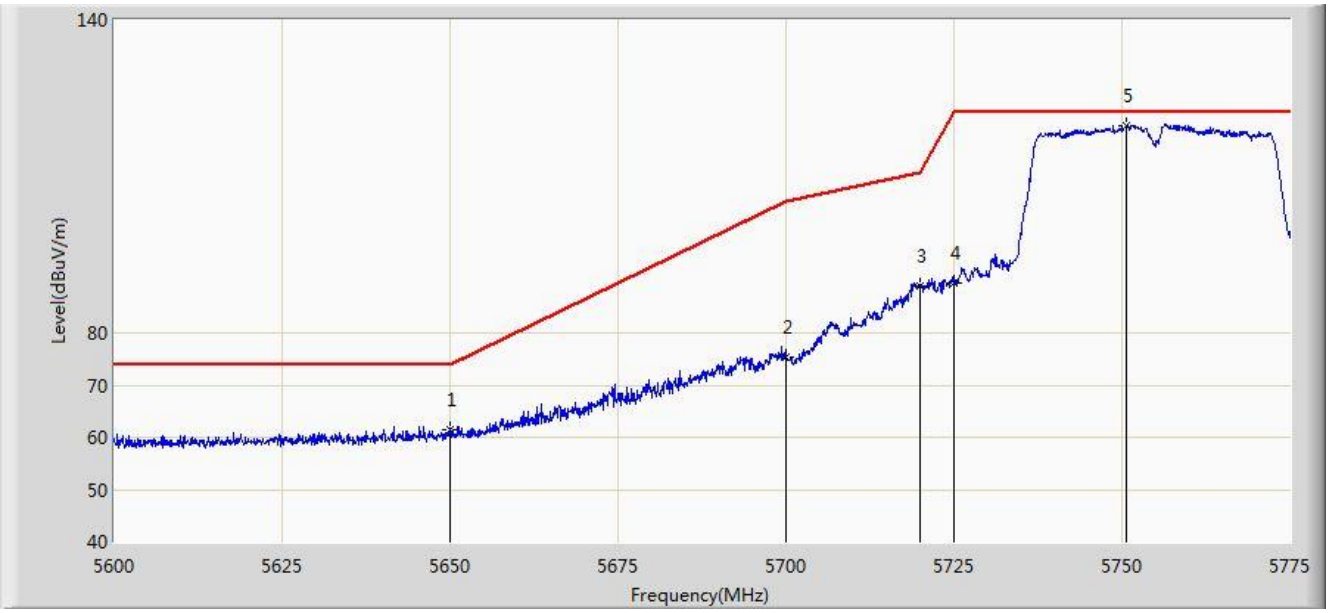


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.550	65.665	62.356	-8.335	74.000	3.309	PK
2			5150.000	66.758	63.449	-7.242	74.000	3.309	PK
3			5185.850	112.667	109.401	N/A	N/A	3.266	PK

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

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

Site: AC1	Time: 2017/04/21 - 14:10
Limit: FCC_Part15.407_RE(3m)_New	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5755MHz Ant 0+1	

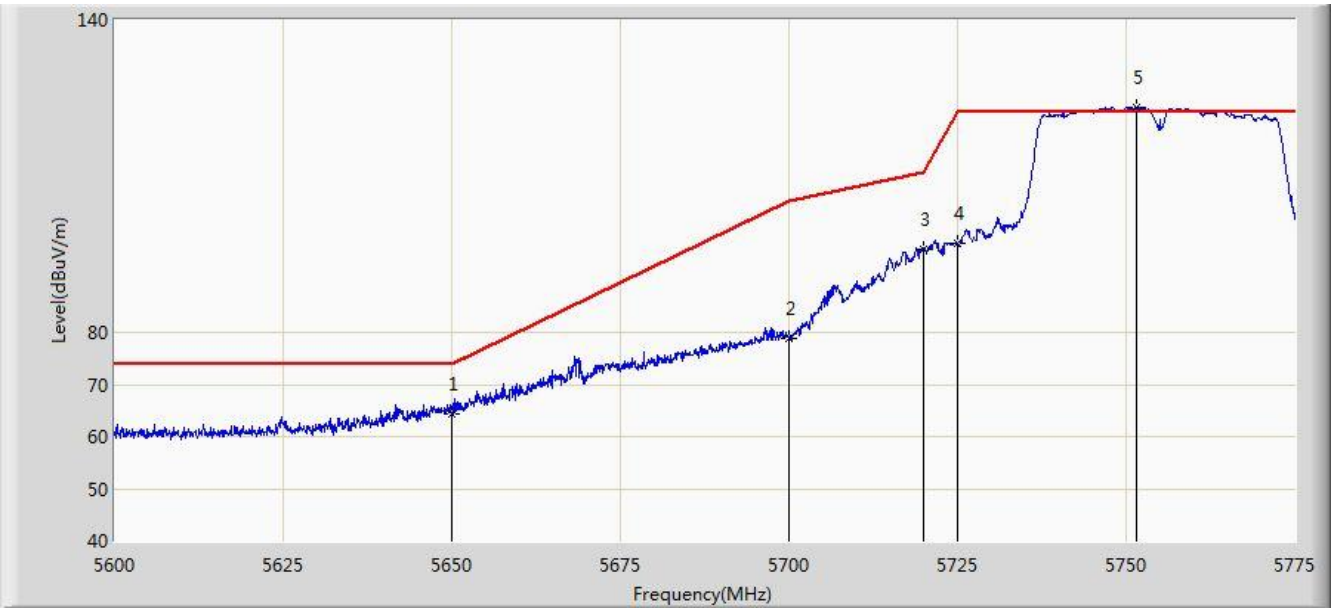


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5650.000	61.371	57.744	-12.629	74.000	3.627	PK
2			5700.000	75.438	71.719	-29.762	105.200	3.719	PK
3			5720.000	88.998	85.222	-21.802	110.800	3.776	PK
4			5725.000	89.644	85.853	-32.556	122.200	3.791	PK
5			5750.675	119.739	115.865	N/A	N/A	3.874	PK

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

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

Site: AC1	Time: 2017/04/21 - 14:08
Limit: FCC_Part15.407_RE(3m)_New	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5755MHz Ant 0+1	

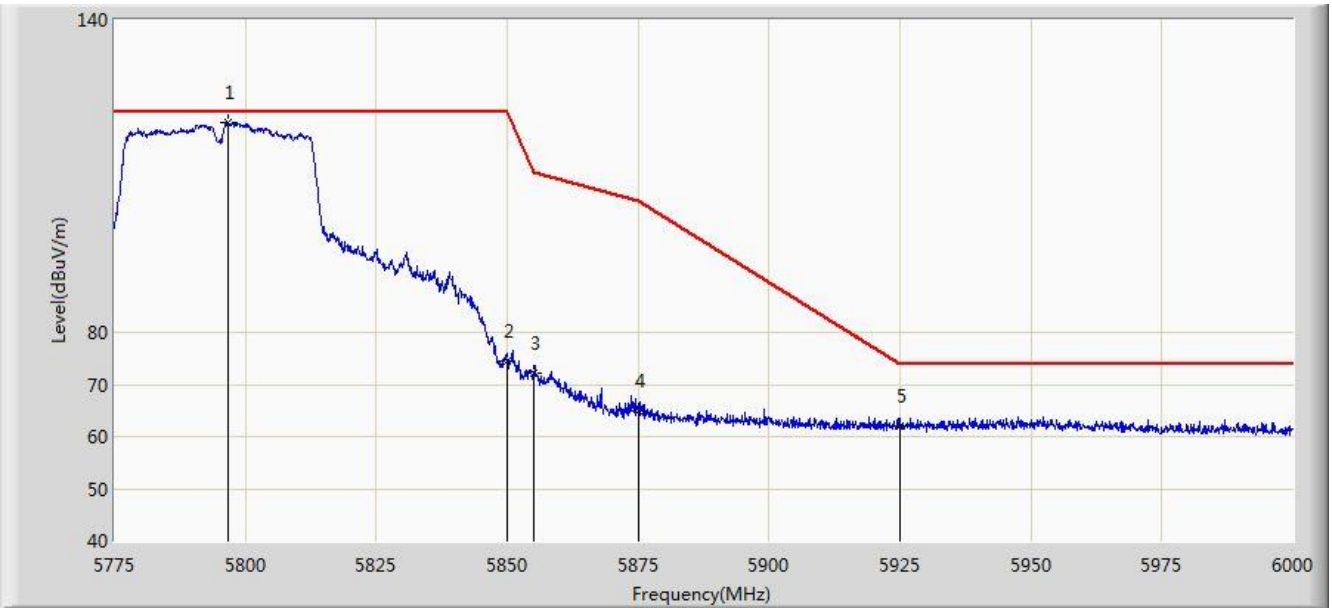


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5650.000	64.349	60.722	-9.651	74.000	3.627	PK
2			5700.000	78.799	75.080	-26.401	105.200	3.719	PK
3			5720.000	96.081	92.305	-14.719	110.800	3.776	PK
4			5725.000	97.103	93.312	-25.097	122.200	3.791	PK
5			5751.462	123.200	119.323	N/A	N/A	3.876	PK

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

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

Site: AC1	Time: 2017/04/21 - 14:14
Limit: FCC_Part15.407_RE(3m)_New	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5795MHz Ant 0+1	

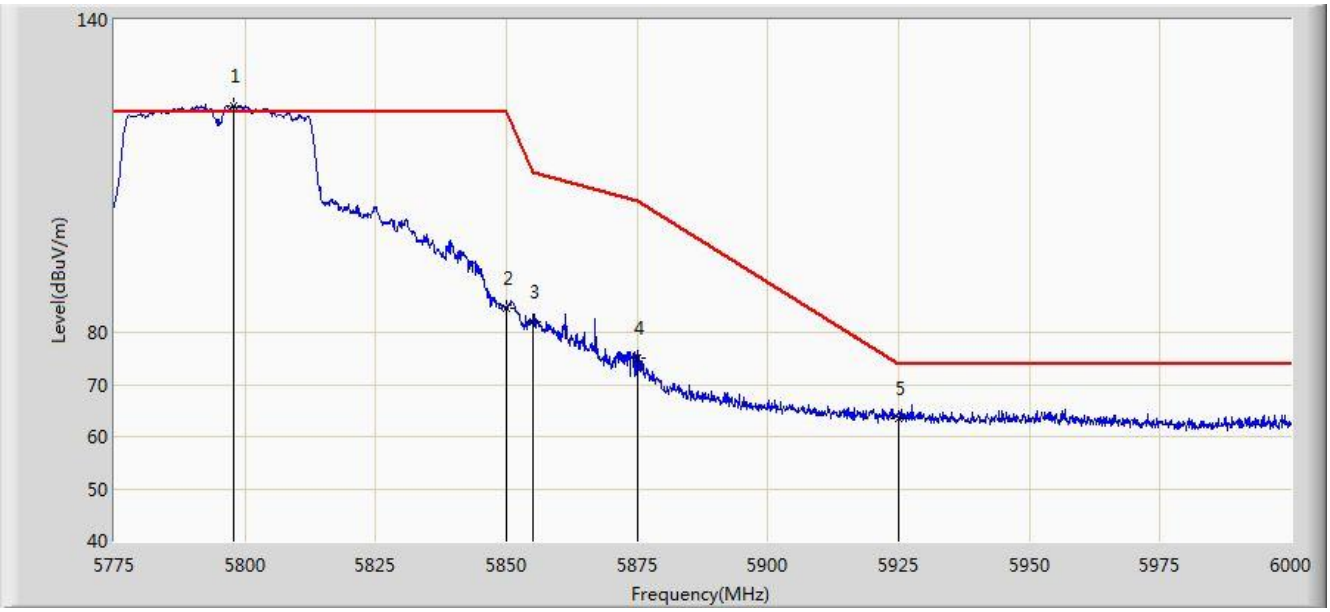


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5796.712	120.341	116.385	N/A	N/A	3.957	PK
2			5850.000	74.408	70.351	-47.792	122.200	4.058	PK
3			5855.000	72.035	67.975	-38.765	110.800	4.060	PK
4			5875.000	64.970	60.865	-40.230	105.200	4.105	PK
5			5925.000	62.010	57.757	-11.990	74.000	4.254	PK

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

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

Site: AC1	Time: 2017/04/21 - 14:12
Limit: FCC_Part15.407_RE(3m)_New	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5795MHz Ant 0+1	

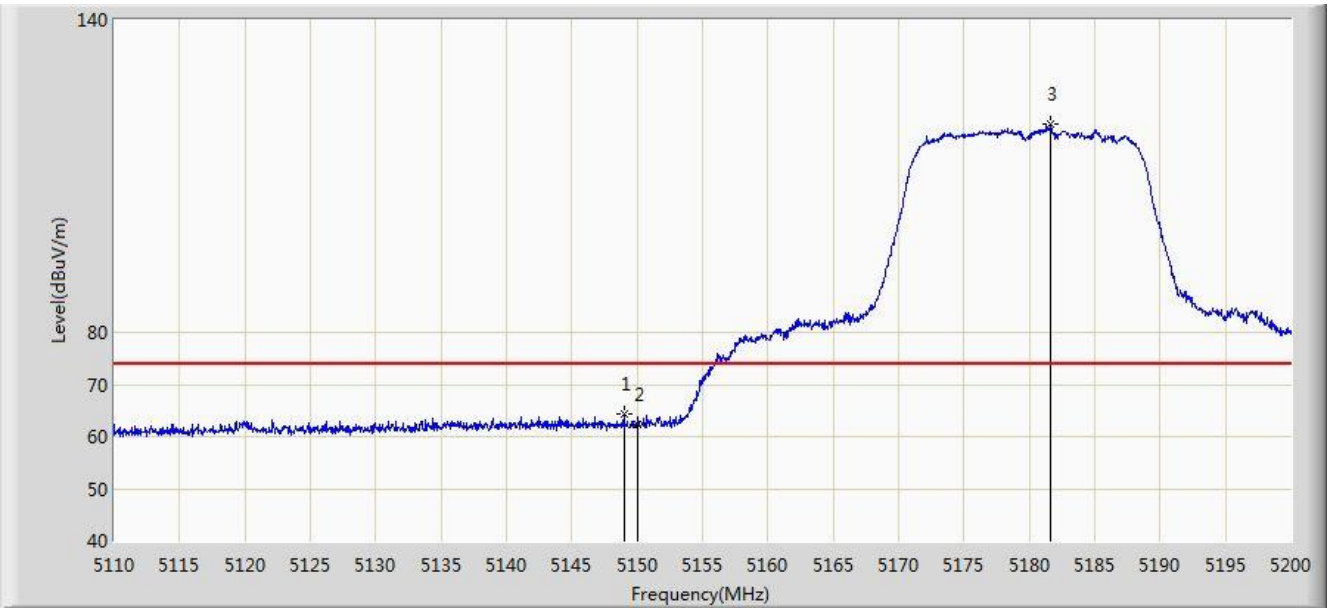


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5797.950	123.453	119.495	N/A	N/A	3.958	PK
2			5850.000	84.741	80.684	-37.459	122.200	4.058	PK
3			5855.000	82.083	78.023	-28.717	110.800	4.060	PK
4			5875.000	75.136	71.031	-30.064	105.200	4.105	PK
5			5925.000	63.453	59.200	-10.547	74.000	4.254	PK

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

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

Site: AC1	Time: 2017/04/21 - 14:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5180MHz Ant 0+1	

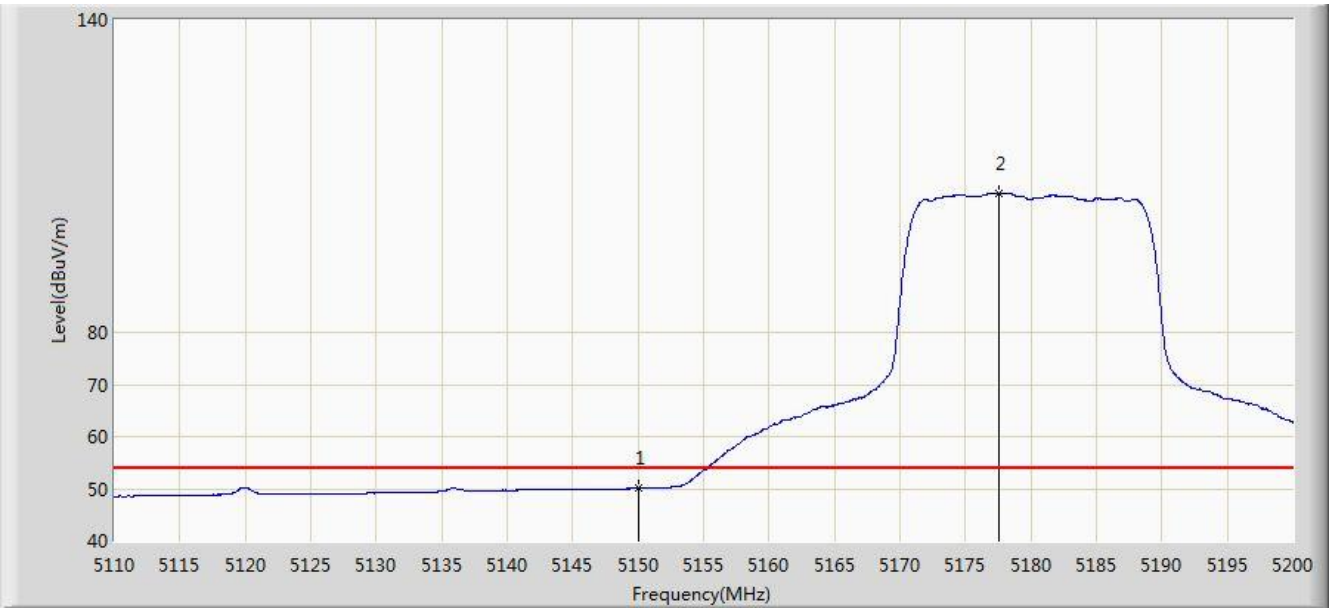


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.015	64.421	61.112	-9.579	74.000	3.308	PK
2			5150.000	62.402	59.093	-11.598	74.000	3.309	PK
3			5181.640	119.943	116.671	N/A	N/A	3.271	PK

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

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

Site: AC1	Time: 2017/04/21 - 14:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5180MHz Ant 0+1	

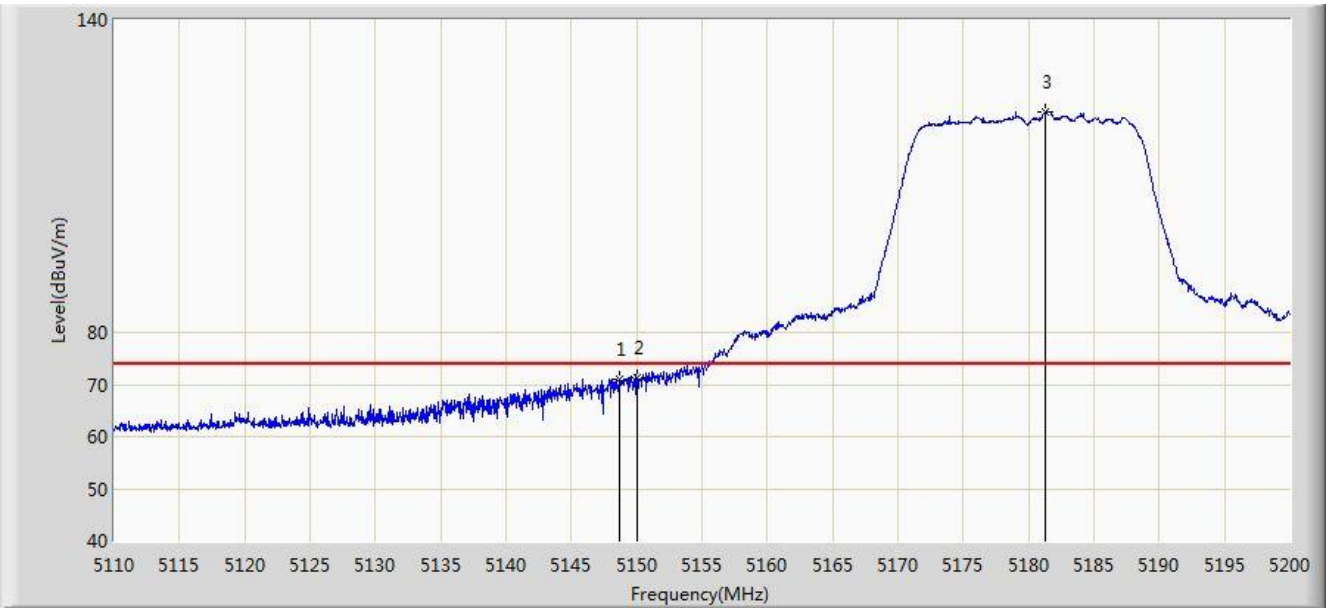


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.007	46.698	-3.993	54.000	3.309	AV
2			5177.545	106.653	103.378	N/A	N/A	3.276	AV

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

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

Site: AC1	Time: 2017/04/21 - 14:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5180MHz Ant 0+1	

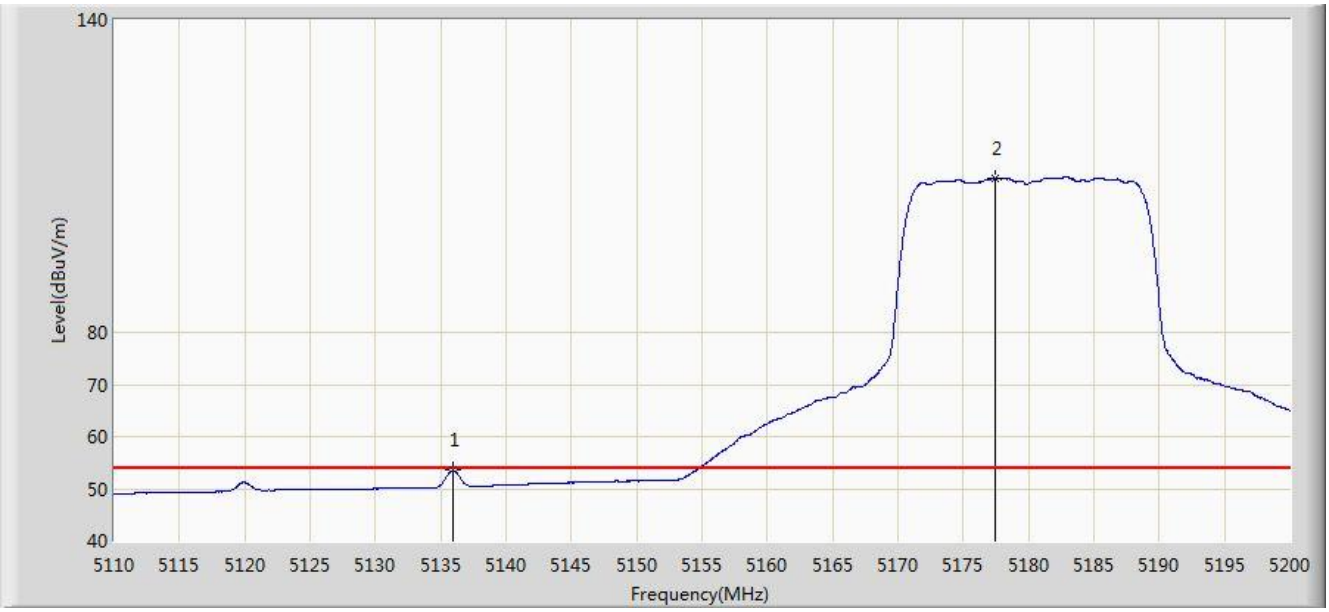


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.700	70.996	67.687	-3.004	74.000	3.309	PK
2			5150.000	71.245	67.936	-2.755	74.000	3.309	PK
3			5181.280	122.238	118.966	N/A	N/A	3.272	PK

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

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

Site: AC1	Time: 2017/04/21 - 14:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5180MHz Ant 0+1	

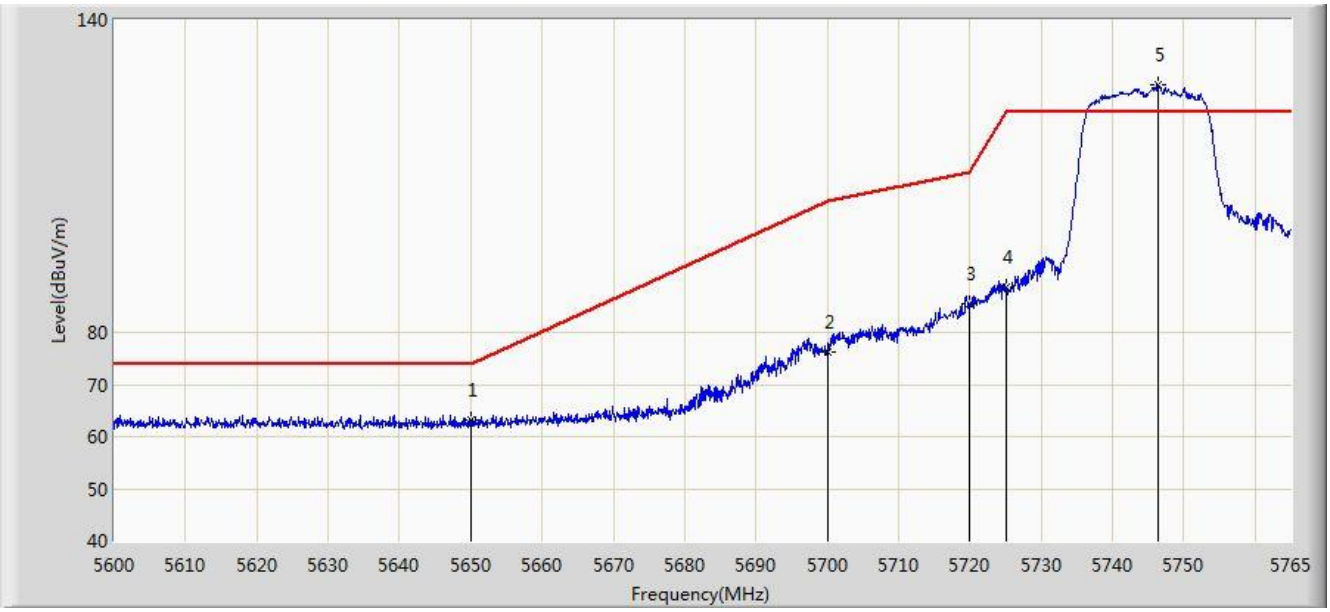


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5135.965	53.482	50.172	-0.518	54.000	3.309	AV
2	X		5177.410	109.470	106.195	N/A	N/A	3.276	AV

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

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

Site: AC1	Time: 2017/05/04 - 22:07
Limit: FCC_Part15.407_RE(3m)_New	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: By POE
Test Mode: Transmit by 802.11ac-VHT20 at channel 5745MHz Ant 0+1	

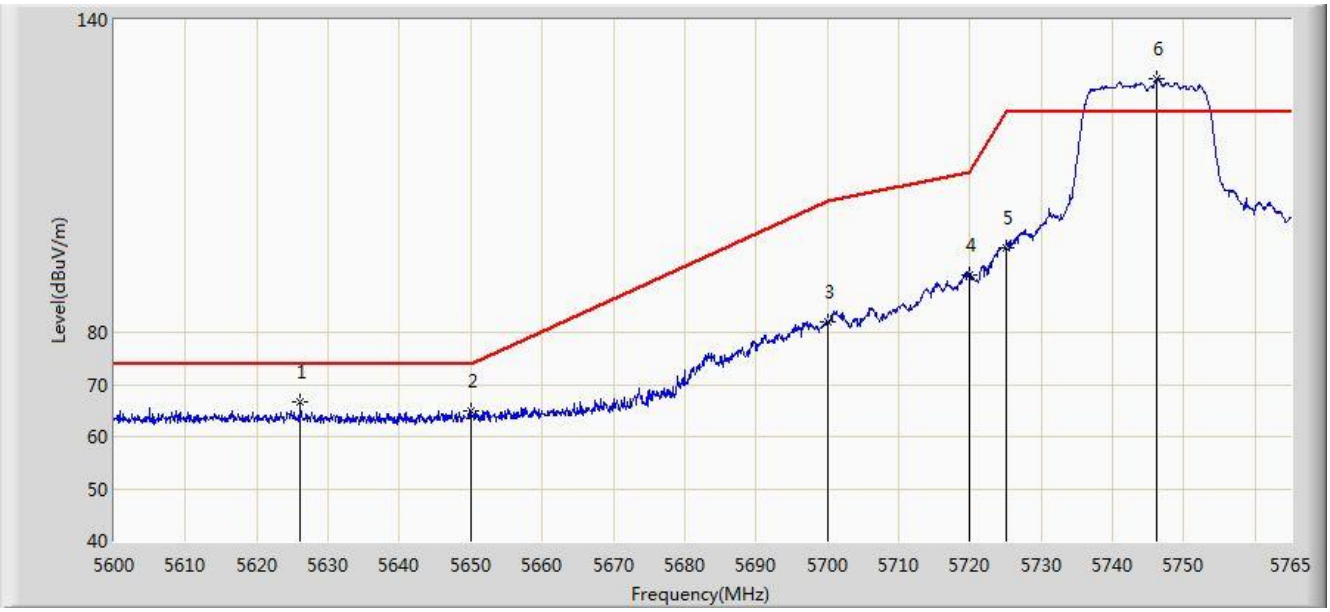


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5650.000	63.048	59.421	-10.952	74.000	3.627	PK
2			5700.000	76.157	72.438	-29.043	105.200	3.719	PK
3			5720.000	85.532	81.756	-25.268	110.800	3.776	PK
4			5725.000	88.645	84.854	-33.555	122.200	3.791	PK
5			5746.437	127.431	123.573	N/A	N/A	3.858	PK

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

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

Site: AC1	Time: 2017/05/04 - 22:20
Limit: FCC_Part15.407_RE(3m)_New	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5745MHz Ant 0+1	

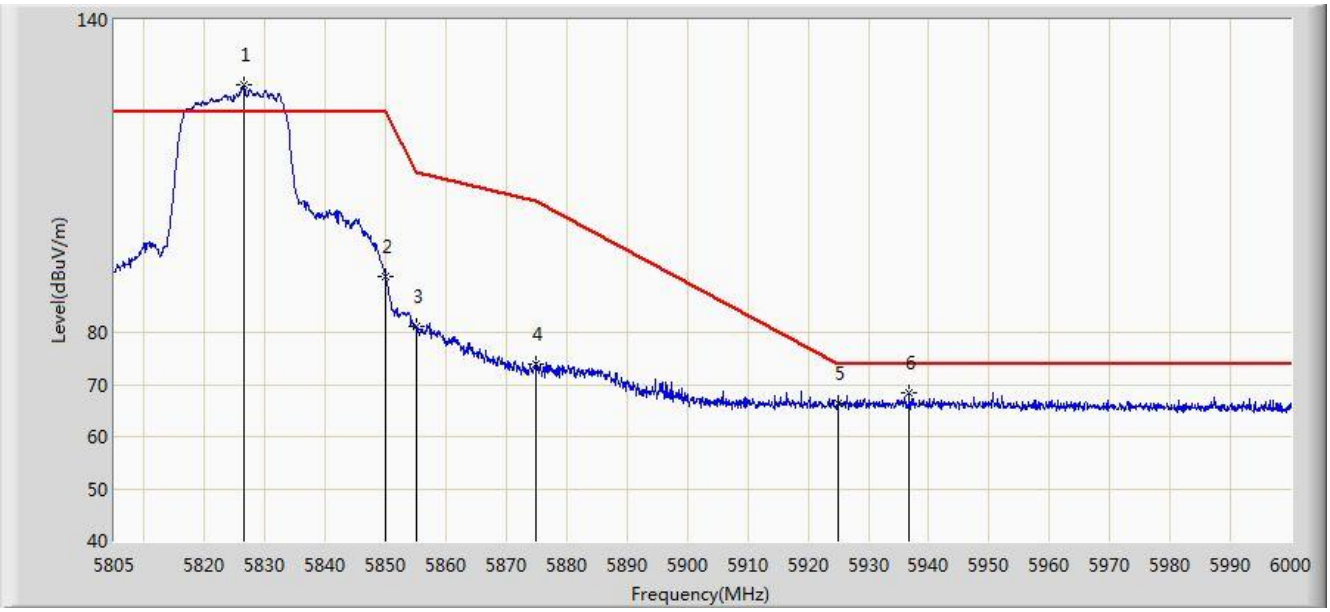


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5626.152	66.705	63.144	-7.295	74.000	3.560	PK
2			5650.000	64.903	61.276	-9.097	74.000	3.627	PK
3			5700.000	82.085	78.366	-23.115	105.200	3.719	PK
4			5720.000	90.880	87.104	-19.920	110.800	3.776	PK
5			5725.000	96.358	92.567	-25.842	122.200	3.791	PK
6			5746.190	128.684	124.827	N/A	N/A	3.857	PK

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

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

Site: AC1	Time: 2017/05/04 - 22:24
Limit: FCC_Part15.407_RE(3m)_New	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5825MHz Ant 0+1	

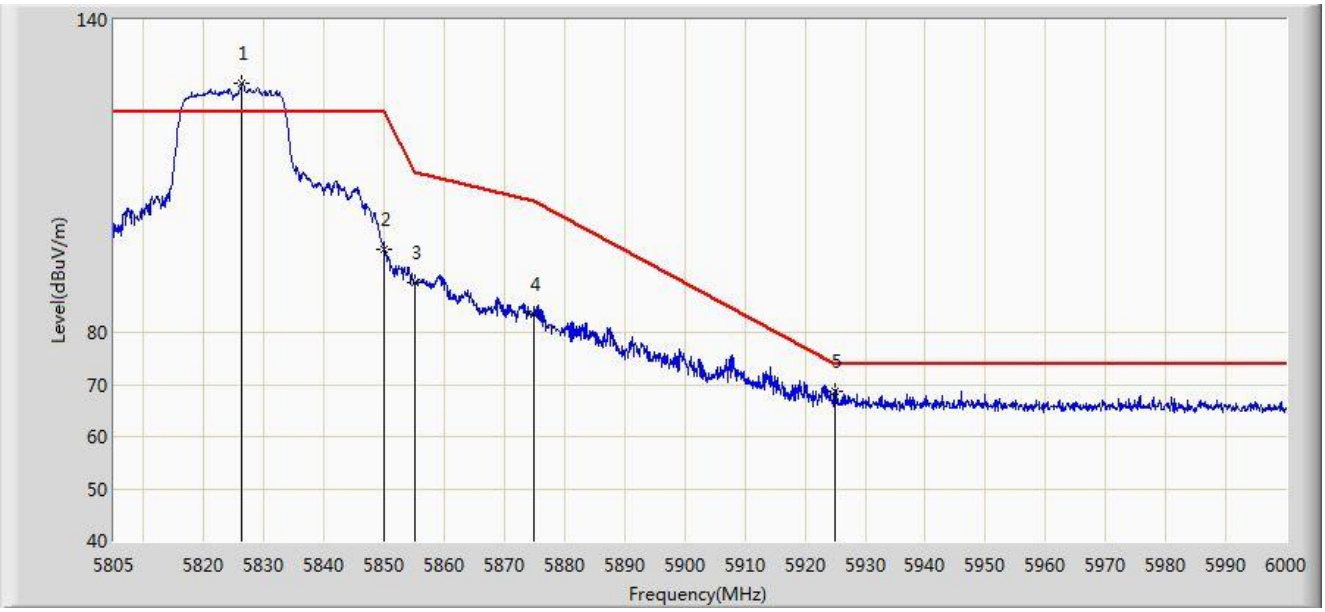


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5826.450	127.393	123.384	N/A	N/A	4.009	PK
2			5850.000	90.636	86.579	-31.564	122.200	4.058	PK
3			5855.000	81.212	77.152	-29.588	110.800	4.060	PK
4			5875.000	74.055	69.950	-31.145	105.200	4.105	PK
5			5925.000	66.327	62.074	-7.673	74.000	4.254	PK
6			5936.723	68.328	64.059	-5.672	74.000	4.268	PK

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

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

Site: AC1	Time: 2017/05/04 - 22:27
Limit: FCC_Part15.407_RE(3m)_New	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5825MHz Ant 0+1	

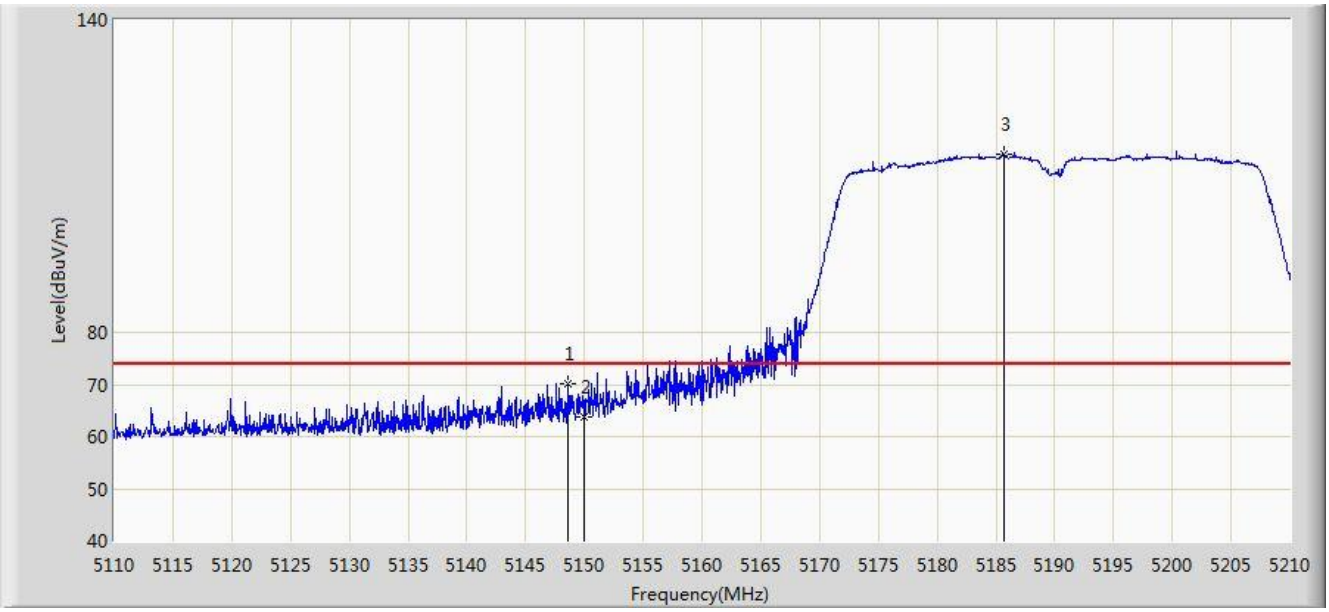


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5826.353	127.879	123.871	N/A	N/A	4.008	PK
2			5850.000	96.071	92.014	-26.129	122.200	4.058	PK
3			5855.000	89.579	85.519	-21.221	110.800	4.060	PK
4			5875.000	83.508	79.403	-21.692	105.200	4.105	PK
5			5925.000	68.554	64.301	-5.446	74.000	4.254	PK

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

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

Site: AC1	Time: 2017/05/04 - 22:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5190MHz Ant 0+1	

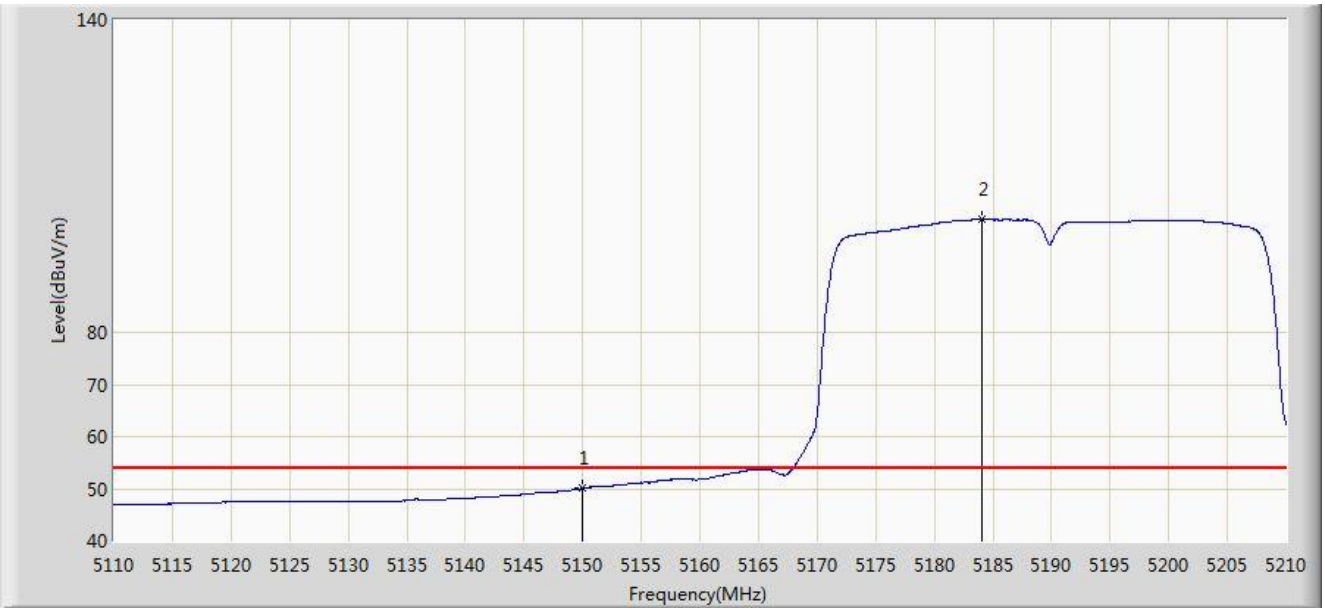


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.550	70.189	66.880	-3.811	74.000	3.309	PK
2			5150.000	63.824	60.515	-10.176	74.000	3.309	PK
3			5185.750	114.110	110.844	N/A	N/A	3.266	PK

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

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

Site: AC1	Time: 2017/05/04 - 22:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5190MHz Ant 0+1	

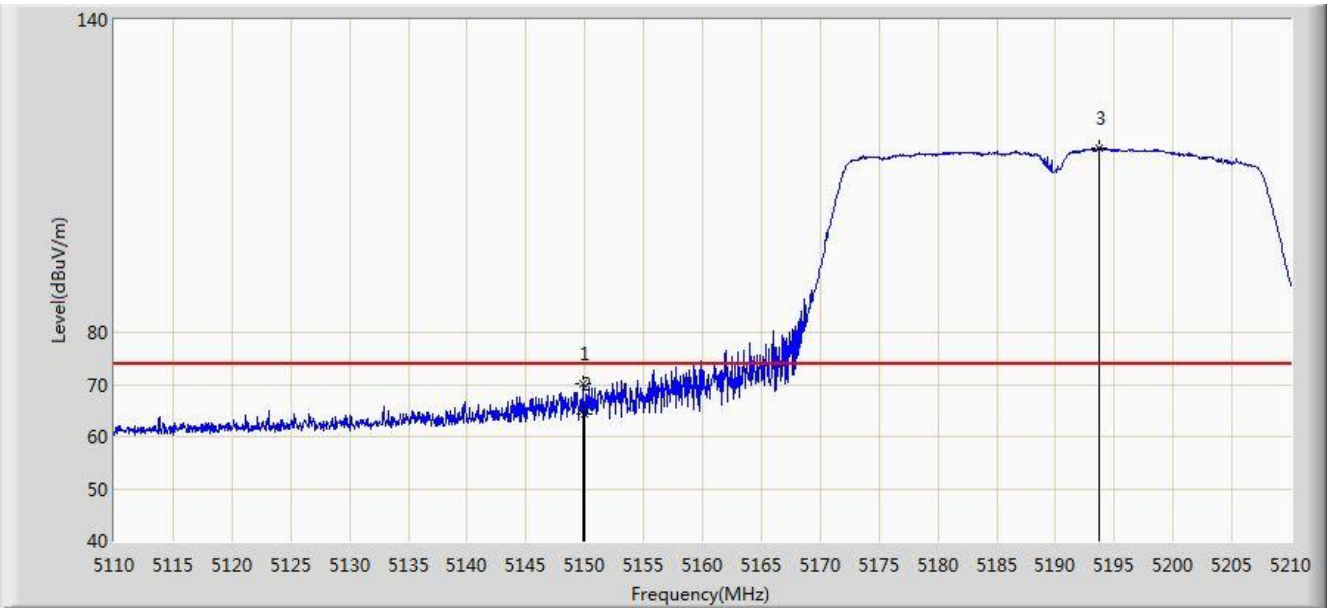


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.056	46.747	-3.944	54.000	3.309	AV
2			5184.000	101.689	98.420	N/A	N/A	3.268	AV

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

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

Site: AC1	Time: 2017/05/04 - 22:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5190MHz Ant 0+1	

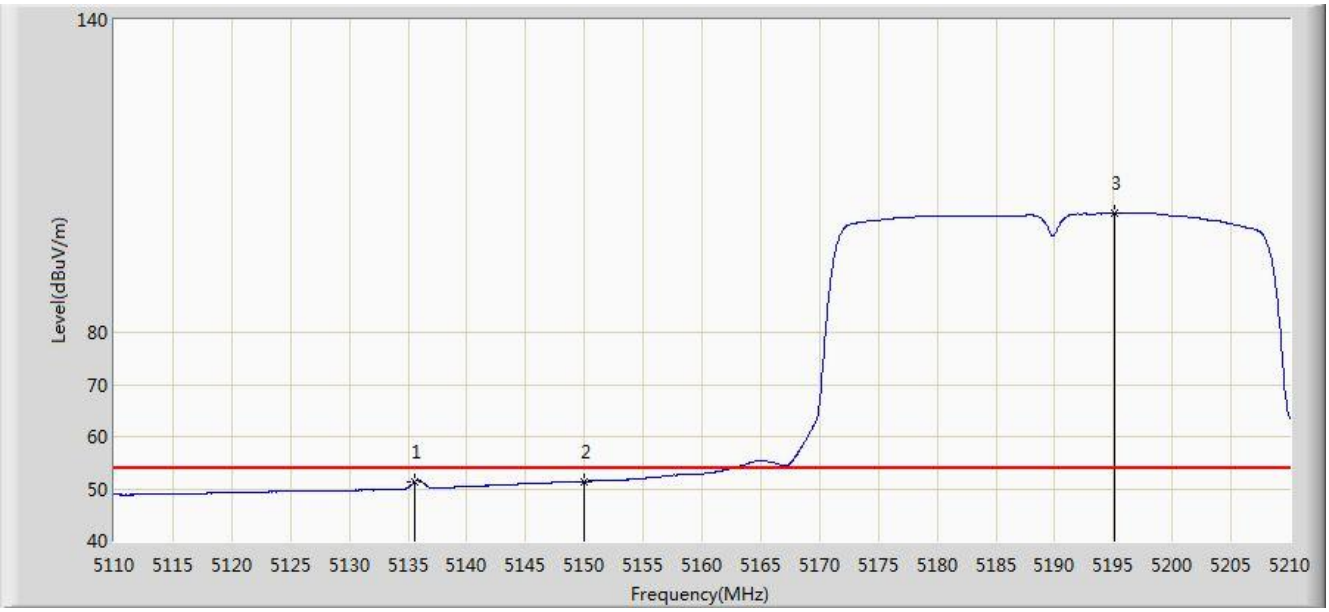


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.800	70.137	66.828	-3.863	74.000	3.309	PK
2			5150.000	64.311	61.002	-9.689	74.000	3.309	PK
3			5193.750	115.372	112.115	N/A	N/A	3.257	PK

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

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

Site: AC1	Time: 2017/05/04 - 22:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Access Point	Power: By POE
Test Mode: Transmit by 802.11ac-VHT40 at channel 5190MHz Ant 0+1	

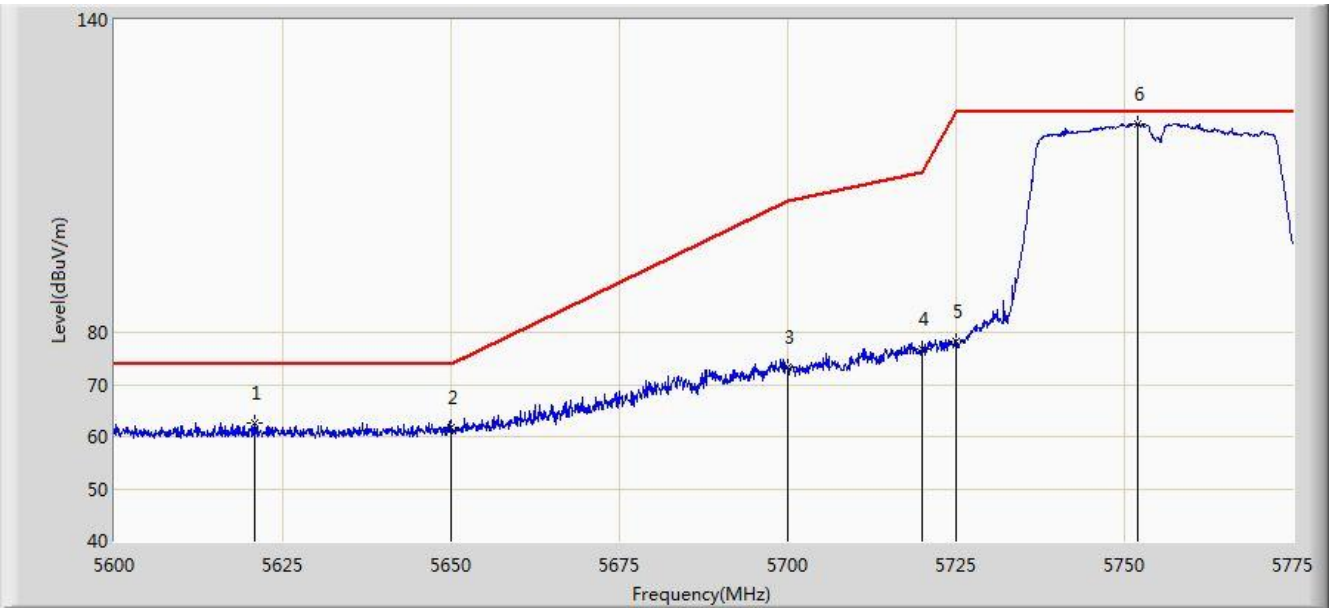


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5135.600	51.386	48.076	-2.614	54.000	3.310	AV
2			5150.000	51.383	48.074	-2.617	54.000	3.309	AV
3			5195.150	102.912	99.657	N/A	N/A	3.255	AV

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

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

Site: AC1	Time: 2017/05/04 - 22:58
Limit: FCC_Part15.407_RE(3m)_New	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: By POE
Test Mode: Transmit by 802.11ac-VHT40 at channel 5755MHz Ant 0+1	

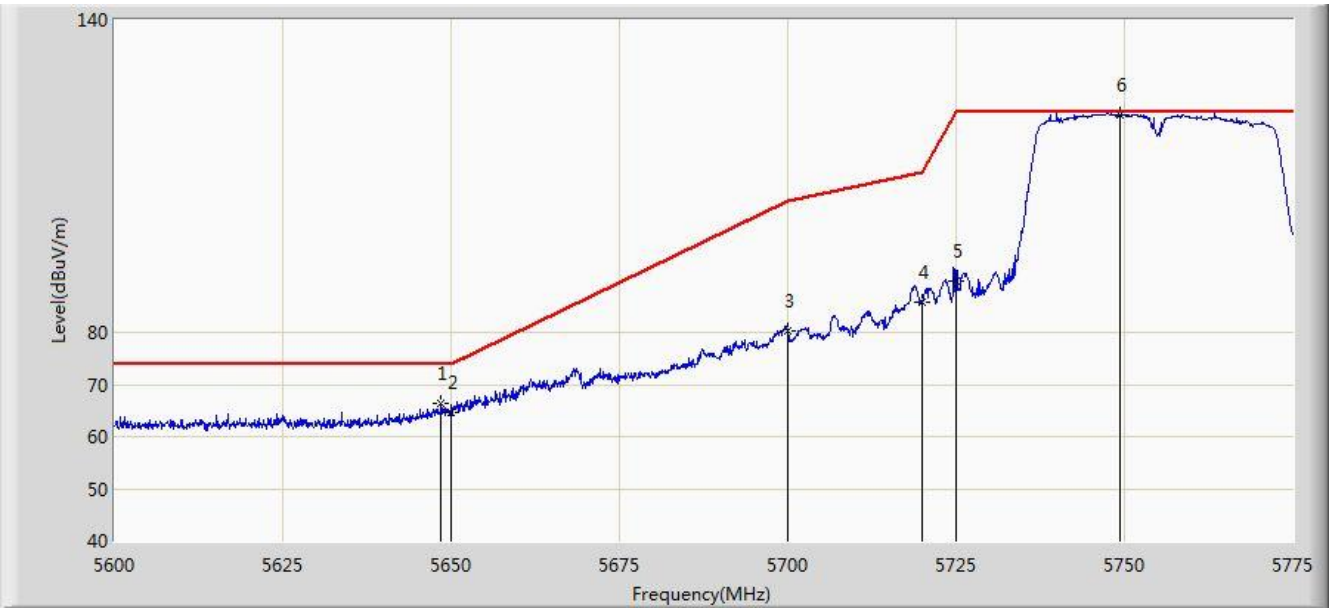


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5620.737	62.640	59.097	-11.360	74.000	3.543	PK
2			5650.000	61.851	58.224	-12.149	74.000	3.627	PK
3			5700.000	73.288	69.569	-31.912	105.200	3.719	PK
4			5720.000	76.904	73.128	-33.896	110.800	3.776	PK
5			5725.000	78.308	74.517	-43.892	122.200	3.791	PK
6			5752.075	120.008	116.129	N/A	N/A	3.878	PK

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

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

Site: AC1	Time: 2017/05/04 - 23:07
Limit: FCC_Part15.407_RE(3m)_New	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Access Point	Power: By POE
Test Mode: Transmit by 802.11ac-VHT40 at channel 5755MHz Ant 0+1	

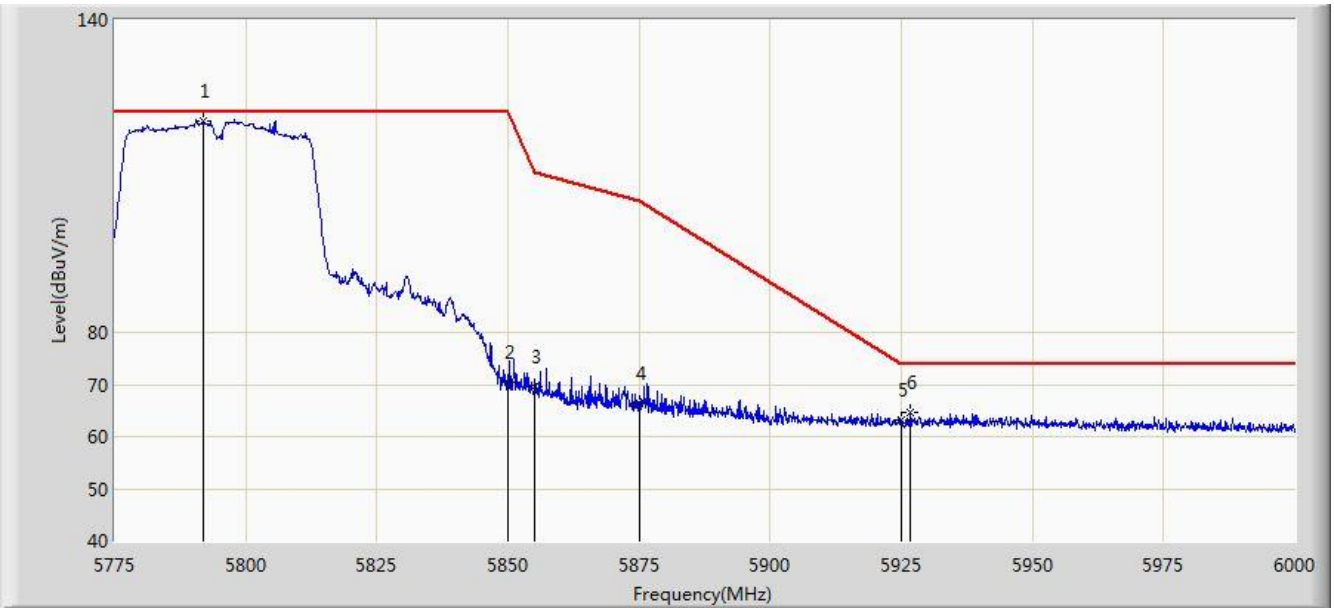


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5648.475	66.253	62.628	-7.747	74.000	3.625	PK
2			5650.000	64.775	61.148	-9.225	74.000	3.627	PK
3			5700.000	80.387	76.668	-24.813	105.200	3.719	PK
4			5720.000	85.938	82.162	-24.862	110.800	3.776	PK
5			5725.000	89.918	86.127	-32.282	122.200	3.791	PK
6			5749.450	121.838	117.969	N/A	N/A	3.869	PK

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

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

Site: AC1	Time: 2017/05/04 - 23:11
Limit: FCC_Part15.407_RE(3m)_New	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: By POE
Test Mode: Transmit by 802.11ac-VHT40 at channel 5795MHz Ant 0+1	

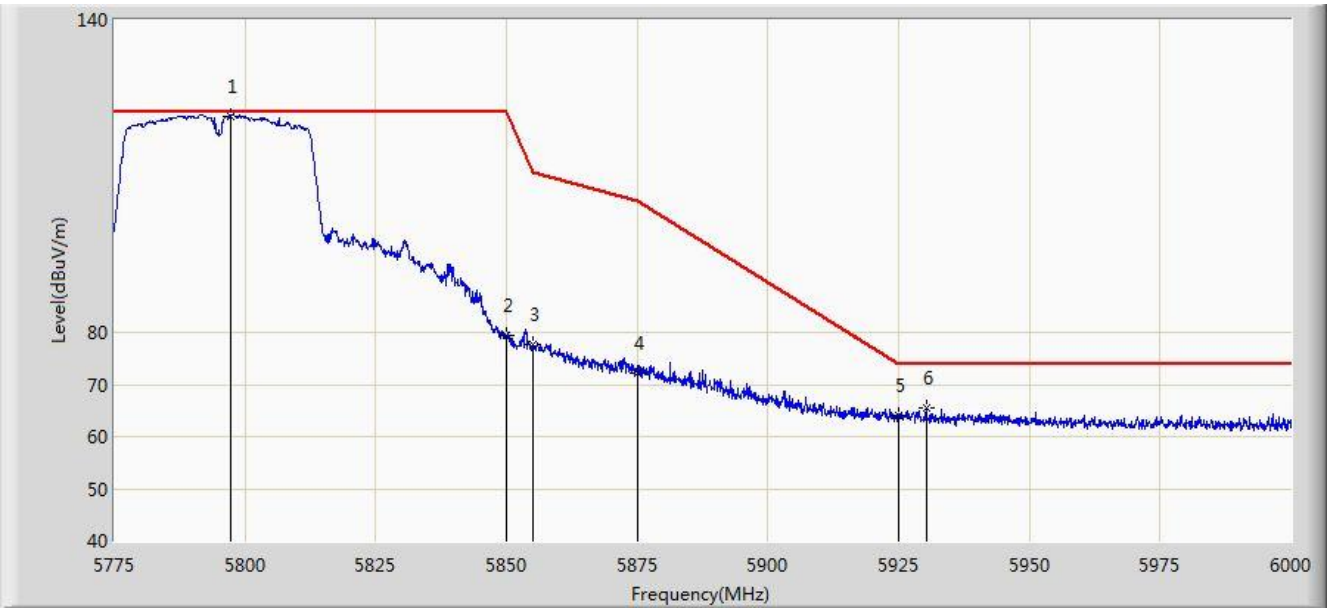


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5791.987	120.633	116.684	N/A	N/A	3.949	PK
2			5850.000	70.410	66.353	-51.790	122.200	4.058	PK
3			5855.000	69.443	65.383	-41.357	110.800	4.060	PK
4			5875.000	66.433	62.328	-38.767	105.200	4.105	PK
5			5925.000	63.076	58.823	-10.924	74.000	4.254	PK
6			5926.763	64.611	60.353	-9.389	74.000	4.259	PK

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

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

Site: AC1	Time: 2017/05/04 - 23:13
Limit: FCC_Part15.407_RE(3m)_New	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Access Point	Power: By POE
Test Mode: Transmit by 802.11ac-VHT40 at channel 5795MHz Ant 0+1	

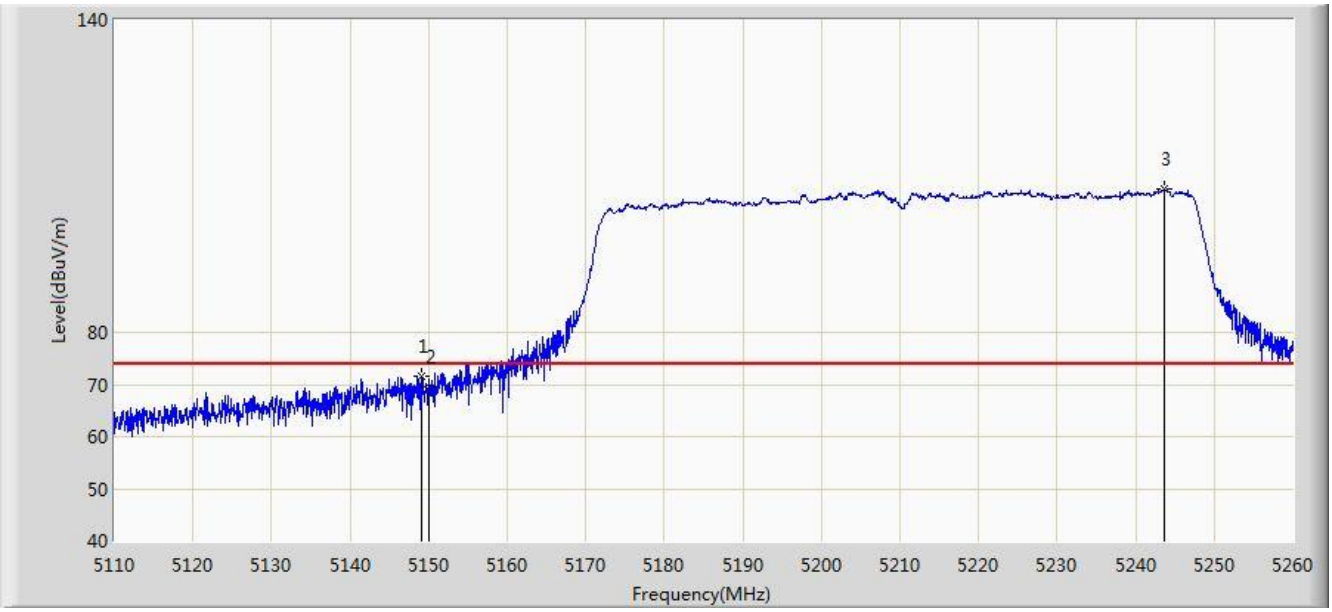


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5797.163	121.538	117.581	N/A	N/A	3.957	PK
2			5850.000	79.448	75.391	-42.752	122.200	4.058	PK
3			5855.000	77.621	73.561	-33.179	110.800	4.060	PK
4			5875.000	72.181	68.076	-33.019	105.200	4.105	PK
5			5925.000	64.099	59.846	-9.901	74.000	4.254	PK
6			5930.250	65.400	61.133	-8.600	74.000	4.267	PK

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

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

Site: AC1	Time: 2017/05/04 - 23:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: By POE
Test Mode: Transmit by 802.11ac-VHT80 at channel 5210MHz Ant 0+1	

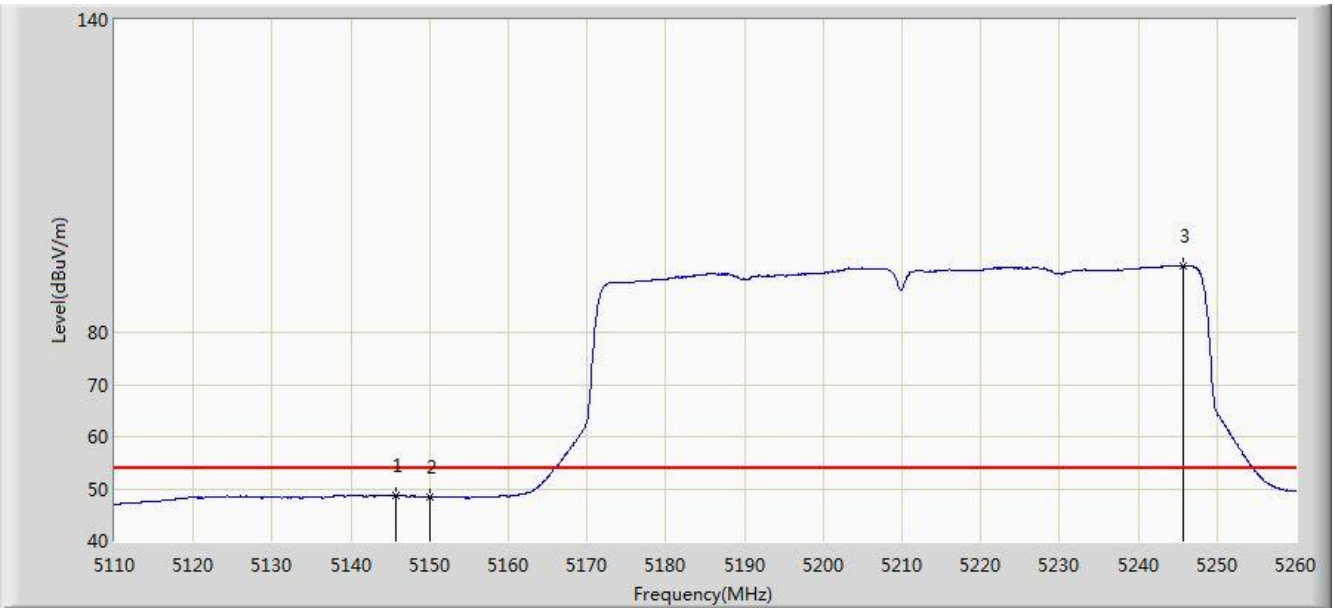


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.075	71.642	68.333	-2.358	74.000	3.309	PK
2			5150.000	69.570	66.261	-4.430	74.000	3.309	PK
3			5243.650	107.609	104.423	N/A	N/A	3.186	PK

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

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

Site: AC1	Time: 2017/05/04 - 23:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: By POE
Test Mode: Transmit by 802.11ac-VHT80 at channel 5210MHz Ant 0+1	

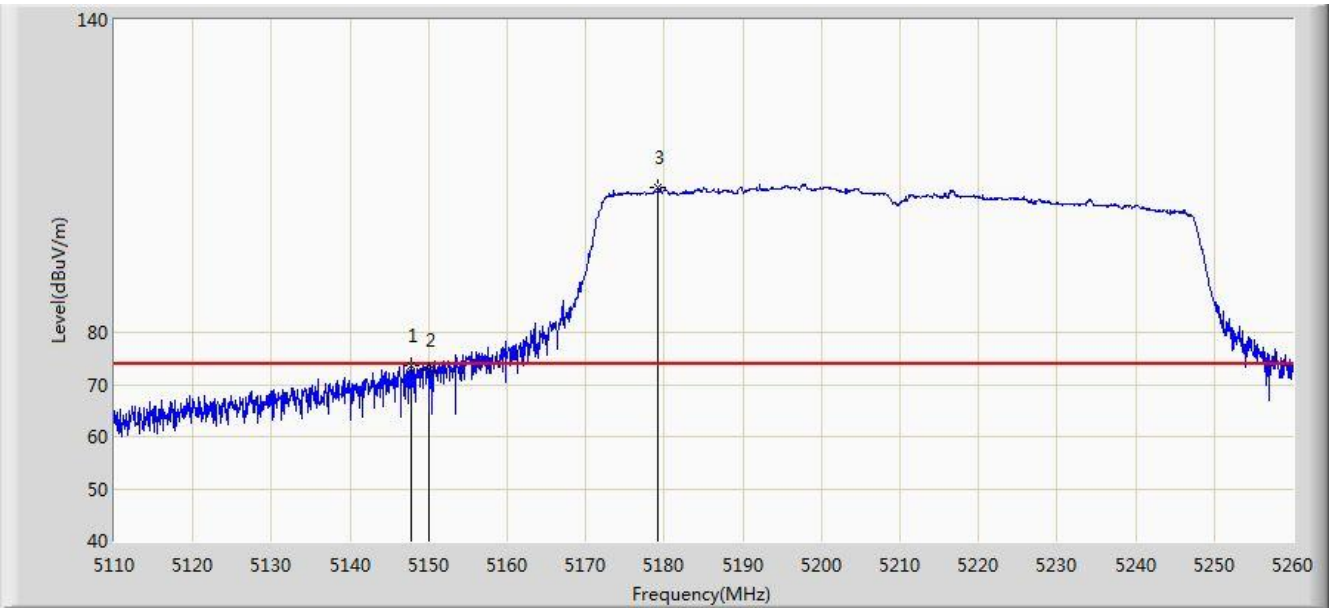


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5145.700	48.789	45.480	-5.211	54.000	3.309	AV
2			5150.000	48.373	45.064	-5.627	54.000	3.309	AV
3			5245.675	92.704	89.518	N/A	N/A	3.186	AV

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

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

Site: AC1	Time: 2017/05/04 - 23:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Access Point	Power: By POE
Test Mode: Transmit by 802.11ac-VHT80 at channel 5210MHz Ant 0+1	

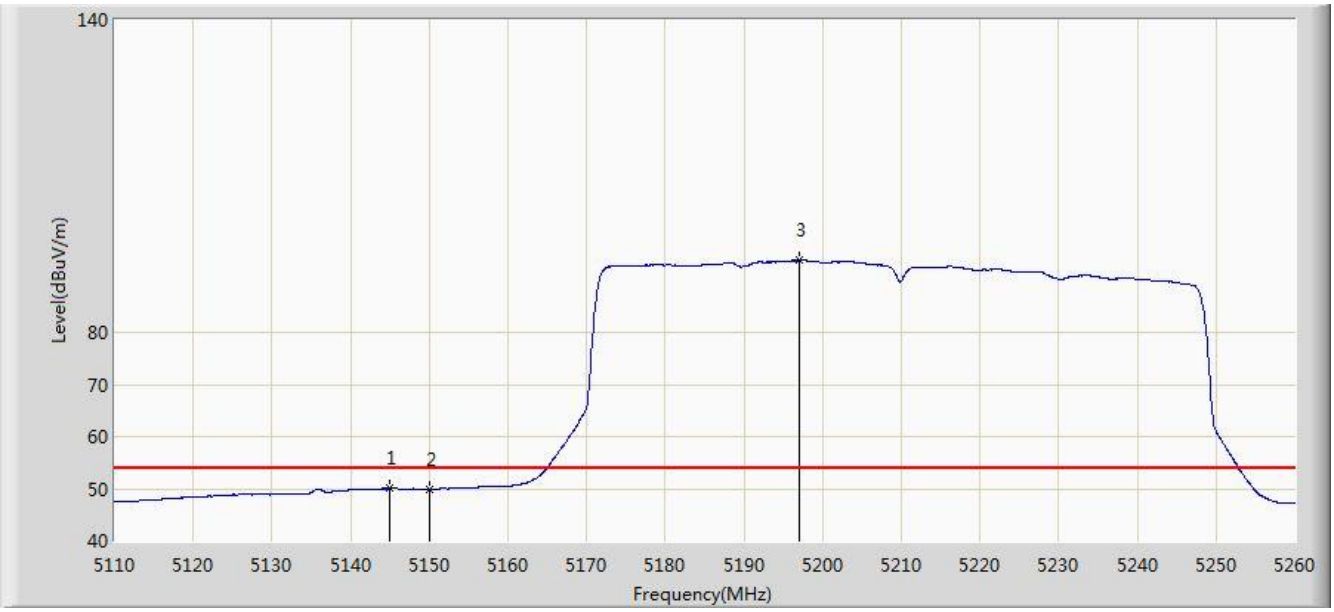


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.800	73.734	70.425	-0.266	74.000	3.309	PK
2			5150.000	72.843	69.534	-1.157	74.000	3.309	PK
3			5179.225	107.746	104.472	N/A	N/A	3.274	PK

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

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

Site: AC1	Time: 2017/05/04 - 23:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Access Point	Power: By POE
Test Mode: Transmit by 802.11ac-VHT80 at channel 5210MHz Ant 0+1	

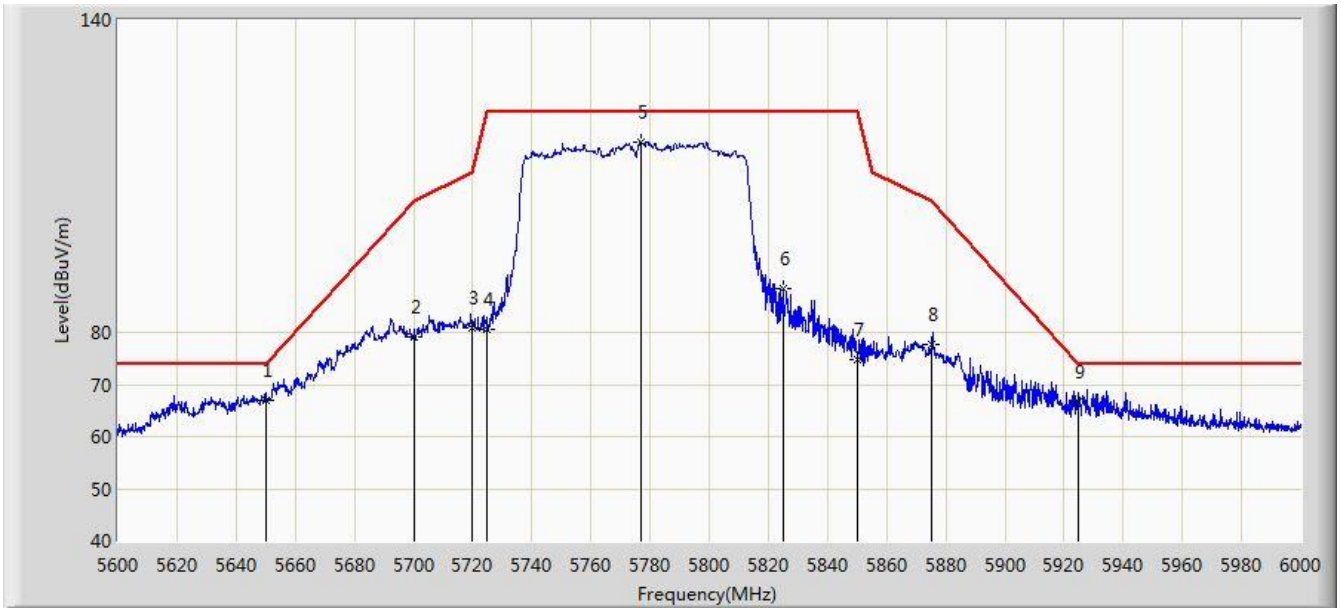


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5145.025	50.184	46.875	-3.816	54.000	3.310	AV
2			5150.000	49.885	46.576	-4.115	54.000	3.309	AV
3			5197.075	93.917	90.664	N/A	N/A	3.253	AV

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

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

Site: AC1	Time: 2017/05/05 - 00:09
Limit: FCC_Part15.407_RE(3m)_New	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Wireless Access Point	Power: By POE
Test Mode: Transmit by 802.11ac-VHT80 at channel 5775MHz Ant 0+1	

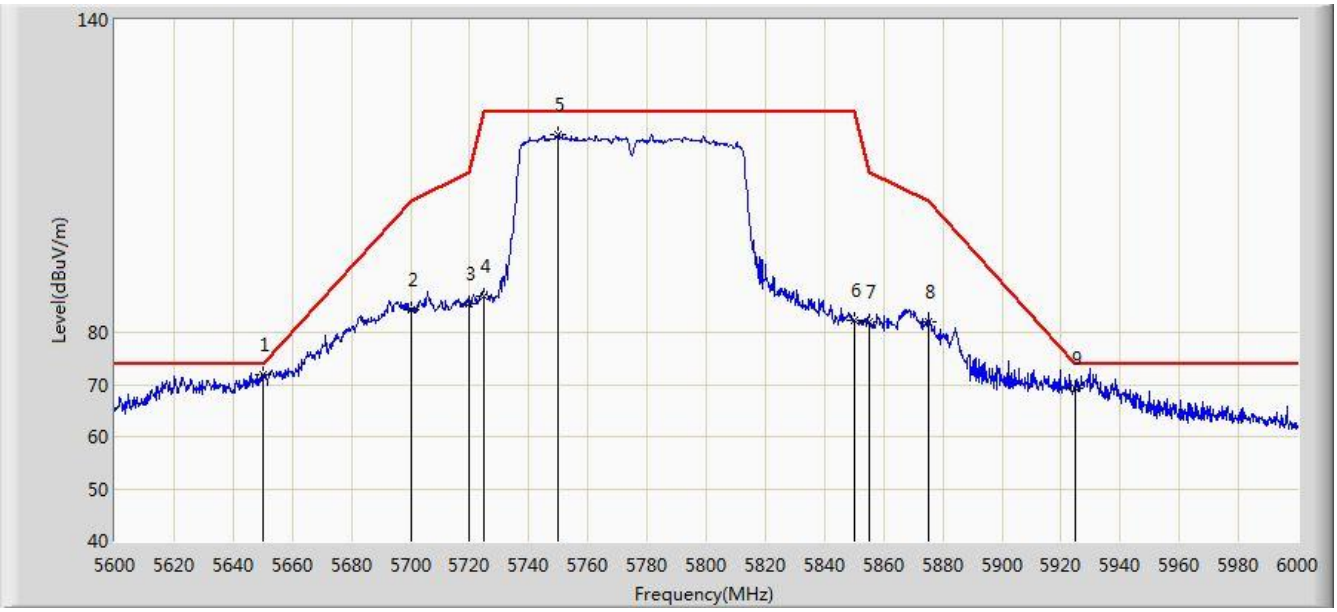


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5650.000	66.881	63.254	-7.119	74.000	3.627	PK
2			5700.000	79.025	75.306	-26.175	105.200	3.719	PK
3			5720.000	80.807	77.031	-29.993	110.800	3.776	PK
4			5725.000	80.608	76.817	-41.592	122.200	3.791	PK
5		*	5777.000	116.665	112.744	N/A	N/A	3.921	PK
6			5825.000	88.319	84.314	-33.881	122.200	4.006	PK
7			5850.000	74.846	70.789	-47.354	122.200	4.058	PK
8			5875.000	77.638	73.533	-27.562	105.200	4.105	PK
9			5925.000	66.657	62.404	-7.343	74.000	4.254	PK

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

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

Site: AC1	Time: 2017/05/05 - 00:06
Limit: FCC_Part15.407_RE(3m)_New	Engineer: Will Yan
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Wireless Access Point	Power: By POE
Test Mode: Transmit by 802.11ac-VHT80 at channel 5775MHz Ant 0+1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5650.000	71.820	68.193	-2.180	74.000	3.627	PK
2			5700.000	84.450	80.731	-20.750	105.200	3.719	PK
3			5720.000	85.558	81.782	-25.242	110.800	3.776	PK
4			5725.000	86.936	83.145	-35.264	122.200	3.791	PK
5			5750.000	117.904	114.033	N/A	N/A	3.871	PK
6			5850.000	82.252	78.195	-39.948	122.200	4.058	PK
7			5855.000	82.127	78.067	-28.673	110.800	4.060	PK
8			5875.000	82.005	77.900	-23.195	105.200	4.105	PK
9			5925.000	69.201	64.948	-4.799	74.000	4.254	PK

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

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

7.10. AC Conducted Emissions Measurement

7.10.1. Test Limit

FCC Part 15.207 Limits		
Frequency (MHz)	QP (dBμV)	AV (dBμV)
0.15 - 0.50	66 - 56	56 – 46
0.50 - 5.0	56	46
5.0 - 30	60	50

Note 1: The lower limit shall apply at the transition frequencies.

Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

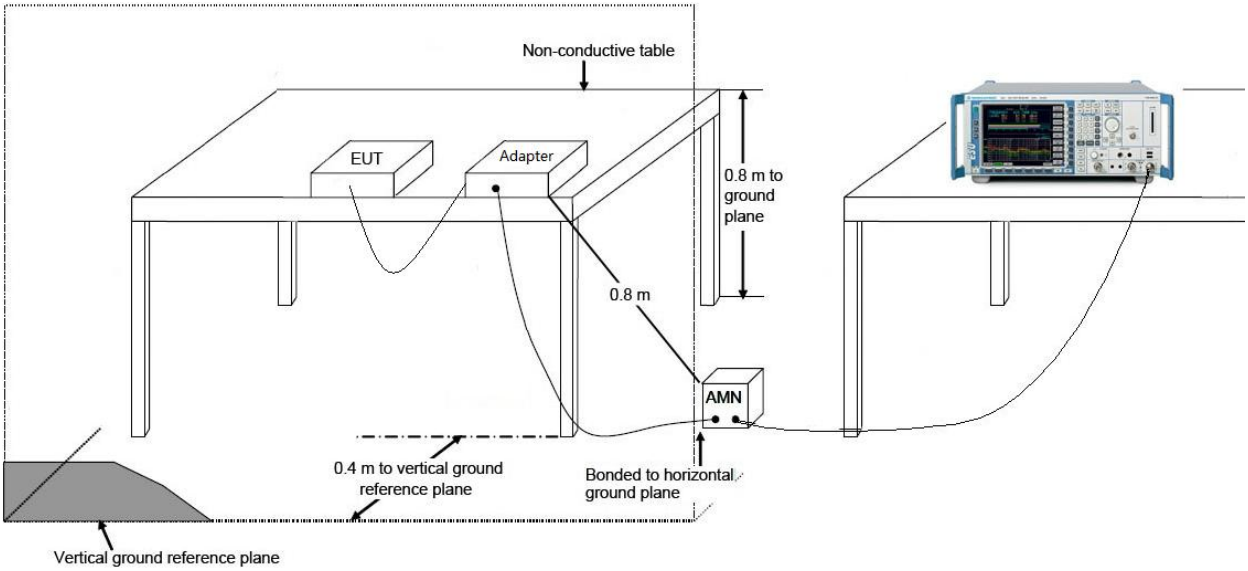
7.10.2. Test Procedure

The EUT was setup according to ANSI C63.4, 2013 and tested according to KDB 789033 for compliance to FCC 47CFR 15.247 requirements. The EUT was placed on a platform of nominal size, 1 m by 1.5 m, raised 80 cm above the conducting ground plane. The vertical conducting plane was located 40 cm to the rear of the EUT. All other surfaces of EUT were at least 80 cm from any other grounded conducting surface. The EUT and simulators are connected to the main power through a line impedance stabilization network (LISN). The LISN provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN. (Please refer to the block diagram of the test setup and photographs) Each current-carrying conductor of the EUT power cord, except the ground (safety) conductor, was individually connected through a LISN to the input power source.

The excess length of the power cord between the EUT and the LISN receptacle were folded back and forth at the center of the lead to form a bundle not exceeding 40 cm in length.

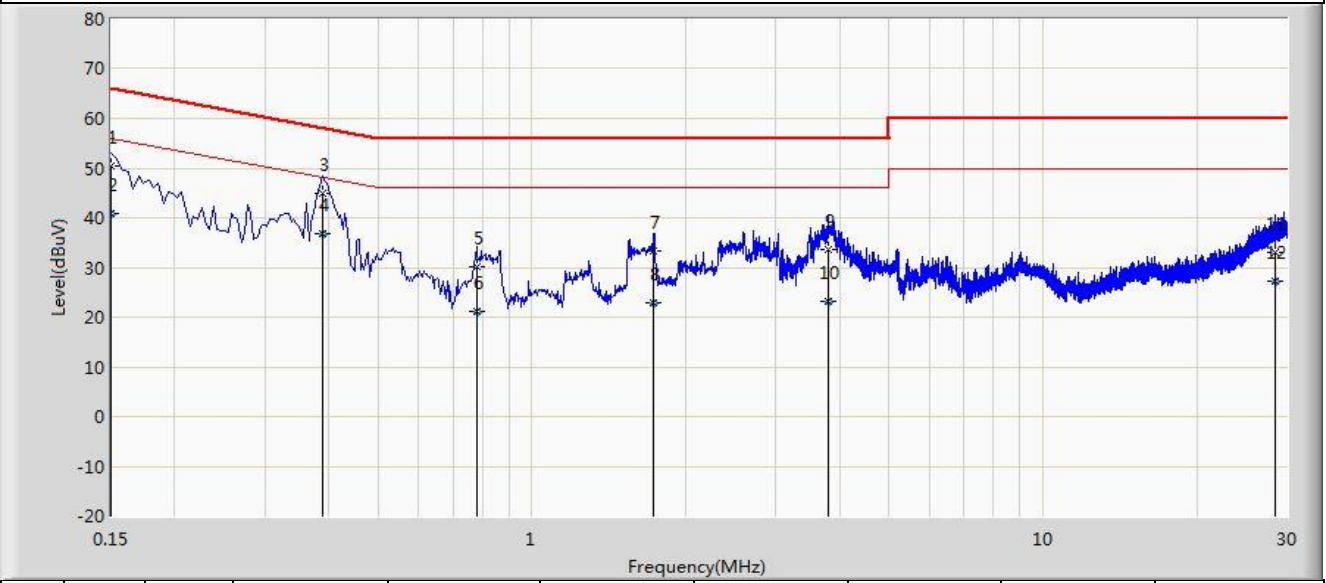
Conducted emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9 kHz.

7.10.3. Test Setup



7.10.4. Test Result

Site: SR2	Time: 2017/04/26 - 17:26
Limit: FCC_Part15.207_CE_AC Power_Class B	Engineer: Bacon Dong
Probe: ENV216_101683_Filter On	Polarity: Line
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Mode 1	

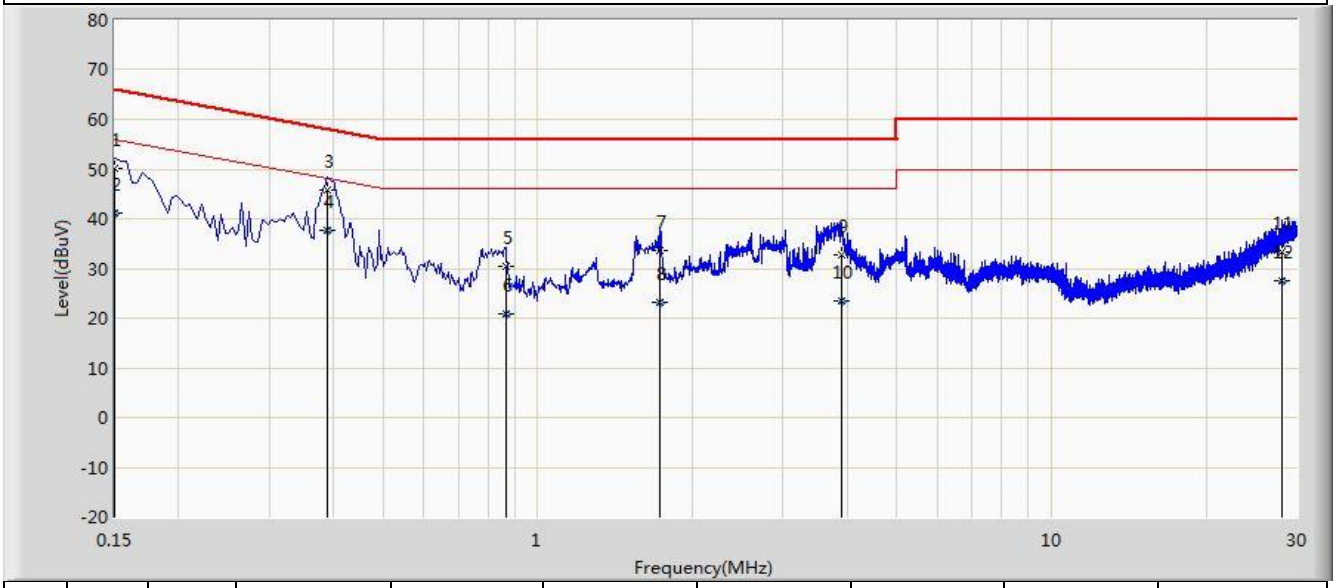


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.150	50.325	39.157	-15.675	66.000	11.168	QP
2			0.150	40.887	29.719	-15.113	56.000	11.168	AV
3			0.390	44.971	34.894	-13.093	58.064	10.077	QP
4			0.390	36.810	26.733	-11.253	48.064	10.077	AV
5			0.778	30.258	20.236	-25.742	56.000	10.022	QP
6			0.778	21.216	11.194	-24.784	46.000	10.022	AV
7			1.730	33.477	23.597	-22.523	56.000	9.880	QP
8		*	1.730	22.988	13.108	-23.012	46.000	9.880	AV
9			3.790	33.533	23.575	-22.467	56.000	9.958	QP
10			3.790	23.139	13.181	-22.861	46.000	9.958	AV
11			28.482	33.102	22.838	-26.898	60.000	10.264	QP
12			28.482	27.231	16.967	-22.769	50.000	10.264	AV

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

Factor (dB) = Cable Loss (dB) + LISN Factor (dB)

Site: SR2	Time: 2017/04/26 - 17:30
Limit: FCC_Part15.207_CE_AC Power_Class B	Engineer: Bacon Dong
Probe: ENV216_101683_Filter On	Polarity: Neutral
EUT: Wireless Access Point	Power: AC 120V/60Hz
Test Mode: Mode 1	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.150	50.142	39.000	-15.858	66.000	11.142	QP
2			0.150	41.240	30.098	-14.760	56.000	11.142	AV
3			0.390	45.745	35.640	-12.319	58.064	10.105	QP
4			0.390	37.590	27.485	-10.474	48.064	10.105	AV
5			0.866	30.431	20.449	-25.569	56.000	9.983	QP
6		*	0.866	20.956	10.973	-25.044	46.000	9.983	AV
7			1.730	33.655	23.773	-22.345	56.000	9.882	QP
8			1.730	23.279	13.397	-22.721	46.000	9.882	AV
9			3.902	32.881	22.915	-23.119	56.000	9.966	QP
10			3.902	23.378	13.412	-22.622	46.000	9.966	AV
11			28.082	33.205	22.804	-26.795	60.000	10.401	QP
12			28.082	27.407	17.006	-22.593	50.000	10.401	AV

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

Factor (dB) = Cable Loss (dB) + LISN Factor (dB)

8. CONCLUSION

The data collected relate only the item(s) tested and show that the **Wireless Access Point** is in compliance with Part 15E of the FCC Rules.

The End