

Product	Notebook	Test Engineer	Messiah Li
Test Site	AC1	Test Date	2020/08/08
Test Mode:	802.11n-HT20 - Aux Antenna	Test Channel:	157
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7443.0	41.4	3.7	45.1	74.0	-28.9	Peak	Horizontal
*	8828.5	41.7	5.1	46.8	68.2	-21.4	Peak	Horizontal
	11463.5	44.1	7.2	51.3	74.0	-22.7	Peak	Horizontal
*	12840.5	41.8	6.5	48.3	68.2	-19.9	Peak	Horizontal
	8140.0	58.3	-10.4	47.9	74.0	-26.1	Peak	Vertical
*	9789.0	54.2	-4.8	49.4	68.2	-18.8	Peak	Vertical
	11089.5	55.8	-4.6	51.2	74.0	-22.8	Peak	Vertical
*	13495.0	55.7	-4.1	51.6	68.2	-16.6	Peak	Vertical

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

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

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

Product	Notebook	Test Engineer	Messiah Li
Test Site	AC1	Test Date	2020/08/08
Test Mode:	802.11n-HT20 - Aux Antenna	Test Channel:	165
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8386.5	42.7	3.4	46.1	74.0	-27.9	Peak	Horizontal
*	8735.0	42.5	4.8	47.3	68.2	-20.9	Peak	Horizontal
	9134.5	40.2	5.7	45.9	74.0	-28.1	Peak	Horizontal
*	10129.0	43.2	7.0	50.2	68.2	-18.0	Peak	Horizontal
	8140.0	44.0	3.7	47.7	74.0	-26.3	Peak	Vertical
*	8803.0	42.1	5.0	47.1	68.2	-21.1	Peak	Vertical
	11191.5	43.4	7.2	50.6	74.0	-23.4	Peak	Vertical
*	13716.0	45.2	7.2	52.4	68.2	-15.8	Peak	Vertical

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

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

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

Product	Notebook	Test Engineer	Messiah Li
Test Site	AC1	Test Date	2020/08/08
Test Mode:	802.11n-HT40 - Aux Antenna	Test Channel:	38
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	9134.5	42.0	5.7	47.7	74.0	-26.3	Peak	Horizontal
*	9882.5	43.1	7.0	50.1	68.2	-18.1	Peak	Horizontal
	10953.5	43.7	7.7	51.4	74.0	-22.6	Peak	Horizontal
*	13605.5	44.7	7.7	52.4	68.2	-15.8	Peak	Horizontal
	8208.0	43.4	3.5	46.9	74.0	-27.1	Peak	Vertical
*	8599.0	42.9	4.3	47.2	68.2	-21.0	Peak	Vertical
	9058.0	41.5	5.2	46.7	74.0	-27.3	Peak	Vertical
*	10197.0	43.4	7.2	50.6	68.2	-17.6	Peak	Vertical

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

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

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

Product	Notebook	Test Engineer	Messiah Li
Test Site	AC1	Test Date	2020/08/08
Test Mode:	802.11n-HT40 - Aux Antenna	Test Channel:	46
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	9160.0	41.4	5.9	47.3	74.0	-26.7	Peak	Horizontal
*	9729.5	42.6	6.9	49.5	68.2	-18.7	Peak	Horizontal
	12220.0	43.0	6.1	49.1	74.0	-24.9	Peak	Horizontal
*	12891.5	42.2	6.5	48.7	68.2	-19.5	Peak	Horizontal
	9423.5	41.6	6.1	47.7	74.0	-26.3	Peak	Vertical
*	10503.0	42.9	8.0	50.9	68.2	-17.3	Peak	Vertical
	12653.5	41.8	7.8	49.6	74.0	-24.4	Peak	Vertical
*	13155.0	40.6	8.3	48.9	68.2	-19.3	Peak	Vertical

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

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

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

Product	Notebook	Test Engineer	Messiah Li
Test Site	AC1	Test Date	2020/08/08
Test Mode:	802.11n-HT40 - Aux Antenna	Test Channel:	151
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7307.0	43.4	3.5	46.9	74.0	-27.1	Peak	Horizontal
*	8862.5	41.6	5.1	46.7	68.2	-21.5	Peak	Horizontal
	10970.5	43.3	7.7	51.0	74.0	-23.0	Peak	Horizontal
*	12857.5	43.7	6.6	50.3	68.2	-17.9	Peak	Horizontal
	8123.0	43.2	3.8	47.0	74.0	-27.0	Peak	Vertical
*	9593.5	40.7	6.6	47.3	68.2	-20.9	Peak	Vertical
	10800.5	41.5	7.8	49.3	74.0	-24.7	Peak	Vertical
*	12781.0	41.8	6.4	48.2	68.2	-20.0	Peak	Vertical

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

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

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

Product	Notebook	Test Engineer	Messiah Li
Test Site	AC1	Test Date	2020/08/08
Test Mode:	802.11n-HT40 - Aux Antenna	Test Channel:	159
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8437.5	42.0	3.7	45.7	74.0	-28.3	Peak	Horizontal
*	8973.0	39.8	5.0	44.8	68.2	-23.4	Peak	Horizontal
	10826.0	41.8	7.8	49.6	74.0	-24.4	Peak	Horizontal
*	12815.0	42.8	6.3	49.1	68.2	-19.1	Peak	Horizontal
	8310.0	42.9	3.2	46.1	74.0	-27.9	Peak	Vertical
*	8845.5	41.6	5.1	46.7	68.2	-21.5	Peak	Vertical
	10928.0	41.3	7.9	49.2	74.0	-24.8	Peak	Vertical
*	12874.5	43.1	6.5	49.6	68.2	-18.6	Peak	Vertical

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

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

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

Product	Notebook	Test Engineer	Messiah Li
Test Site	AC1	Test Date	2020/08/08
Test Mode:	802.11ac-VHT20 - Aux Antenna	Test Channel:	36
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8454.5	42.9	3.6	46.5	74.0	-27.5	Peak	Horizontal
*	10129.0	41.9	7.0	48.9	68.2	-19.3	Peak	Horizontal
	11574.0	44.1	7.0	51.1	74.0	-22.9	Peak	Horizontal
*	13206.0	43.5	6.8	50.3	68.2	-17.9	Peak	Horizontal
	7494.0	44.0	3.4	47.4	74.0	-26.6	Peak	Vertical
*	8743.5	41.3	4.9	46.2	68.2	-22.0	Peak	Vertical
	11489.0	44.6	7.2	51.8	74.0	-22.2	Peak	Vertical
*	13971.0	44.0	8.0	52.0	68.2	-16.2	Peak	Vertical

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

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

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

Product	Notebook	Test Engineer	Messiah Li
Test Site	AC1	Test Date	2020/08/08
Test Mode:	802.11ac-VHT20 - Aux Antenna	Test Channel:	44
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8284.5	42.6	3.3	45.9	74.0	-28.1	Peak	Horizontal
*	8828.5	41.5	5.1	46.6	68.2	-21.6	Peak	Horizontal
	11531.5	41.6	7.1	48.7	74.0	-25.3	Peak	Horizontal
*	13792.5	43.1	7.9	51.0	68.2	-17.2	Peak	Horizontal
	8216.5	42.8	3.5	46.3	74.0	-27.7	Peak	Vertical
*	9865.5	42.3	7.1	49.4	68.2	-18.8	Peak	Vertical
	11463.5	43.0	7.2	50.2	74.0	-23.8	Peak	Vertical
*	12951.0	42.8	6.7	49.5	68.2	-18.7	Peak	Vertical

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

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

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

Product	Notebook	Test Engineer	Messiah Li
Test Site	AC1	Test Date	2020/08/08
Test Mode:	802.11ac-VHT20 - Aux Antenna	Test Channel:	48
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8310.0	41.6	3.2	44.8	74.0	-29.2	Peak	Horizontal
*	9857.0	43.1	7.1	50.2	68.2	-18.0	Peak	Horizontal
	11948.0	44.9	6.1	51.0	74.0	-23.0	Peak	Horizontal
*	13843.5	46.6	7.9	54.5	68.2	-13.7	Peak	Horizontal
	7460.0	44.1	3.5	47.6	74.0	-26.4	Peak	Vertical
*	10197.0	42.4	7.2	49.6	68.2	-18.6	Peak	Vertical
	12228.5	43.3	6.1	49.4	74.0	-24.6	Peak	Vertical
*	13163.5	43.1	6.7	49.8	68.2	-18.4	Peak	Vertical

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

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

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

Product	Notebook	Test Engineer	Messiah Li
Test Site	AC1	Test Date	2020/08/08
Test Mode:	802.11ac-VHT20 - Aux Antenna	Test Channel:	149
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8131.5	44.2	3.8	48.0	74.0	-26.0	Peak	Horizontal
*	9602.0	41.9	6.6	48.5	68.2	-19.7	Peak	Horizontal
	12288.0	43.4	5.9	49.3	74.0	-24.7	Peak	Horizontal
*	13614.0	44.0	7.7	51.7	68.2	-16.5	Peak	Horizontal
	8361.0	43.6	3.4	47.0	74.0	-27.0	Peak	Vertical
*	9704.0	42.4	6.7	49.1	68.2	-19.1	Peak	Vertical
	12492.0	44.0	5.8	49.8	74.0	-24.2	Peak	Vertical
*	13078.5	42.5	6.6	49.1	68.2	-19.1	Peak	Vertical

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

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

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

Product	Notebook	Test Engineer	Messiah Li
Test Site	AC1	Test Date	2020/08/08
Test Mode:	802.11ac-VHT20 - Aux Antenna	Test Channel:	157
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7570.5	43.7	3.2	46.9	74.0	-27.1	Peak	Horizontal
*	8922.0	41.4	5.1	46.5	68.2	-21.7	Peak	Horizontal
	10826.0	41.9	7.8	49.7	74.0	-24.3	Peak	Horizontal
*	13486.5	43.3	7.5	50.8	68.2	-17.4	Peak	Horizontal
	8123.0	44.0	3.8	47.8	74.0	-26.2	Peak	Vertical
*	9636.0	40.0	6.5	46.5	68.2	-21.7	Peak	Vertical
	12500.5	42.9	5.8	48.7	74.0	-25.3	Peak	Vertical
*	13486.5	43.2	7.5	50.7	68.2	-17.5	Peak	Vertical

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

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

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

Product	Notebook	Test Engineer	Messiah Li
Test Site	AC1	Test Date	2020/08/08
Test Mode:	802.11ac-VHT20 - Aux Antenna	Test Channel:	165
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7613.0	43.2	3.3	46.5	74.0	-27.5	Peak	Horizontal
*	8684.0	42.5	4.7	47.2	68.2	-21.0	Peak	Horizontal
	11710.0	45.4	6.2	51.6	74.0	-22.4	Peak	Horizontal
*	13580.0	43.1	7.5	50.6	68.2	-17.6	Peak	Horizontal
	8157.0	34.8	12.5	47.3	74.0	-26.7	Peak	Vertical
*	9772.0	32.9	16.7	49.6	68.2	-18.6	Peak	Vertical
	11038.5	34.2	17.8	52.0	74.0	-22.0	Peak	Vertical
*	12815.0	32.2	17.7	49.9	68.2	-18.3	Peak	Vertical

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

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

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

Product	Notebook	Test Engineer	Messiah Li
Test Site	AC1	Test Date	2020/08/08
Test Mode:	802.11ac-VHT40 - Aux Antenna	Test Channel:	38
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8165.5	43.7	3.7	47.4	74.0	-26.6	Peak	Horizontal
*	9780.5	41.4	7.0	48.4	68.2	-19.8	Peak	Horizontal
	11140.5	43.1	7.2	50.3	74.0	-23.7	Peak	Horizontal
*	13206.0	44.3	6.8	51.1	68.2	-17.1	Peak	Horizontal
	8369.5	43.2	3.4	46.6	74.0	-27.4	Peak	Vertical
*	8743.5	42.2	4.9	47.1	68.2	-21.1	Peak	Vertical
	12381.5	41.9	5.7	47.6	74.0	-26.4	Peak	Vertical
*	13945.5	45.1	8.1	53.2	68.2	-15.0	Peak	Vertical

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

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

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

Product	Notebook	Test Engineer	Messiah Li
Test Site	AC1	Test Date	2020/08/08
Test Mode:	802.11ac-VHT40 - Aux Antenna	Test Channel:	46
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	7681.0	43.7	3.1	46.8	74.0	-27.2	Peak	Horizontal
*	8692.5	41.4	4.8	46.2	68.2	-22.0	Peak	Horizontal
	11072.5	43.1	7.5	50.6	74.0	-23.4	Peak	Horizontal
*	12917.0	43.5	6.6	50.1	68.2	-18.1	Peak	Horizontal
	9058.0	41.2	5.2	46.4	74.0	-27.6	Peak	Vertical
*	9568.0	41.0	6.4	47.4	68.2	-20.8	Peak	Vertical
	12534.5	43.0	5.7	48.7	74.0	-25.3	Peak	Vertical
*	13010.5	42.1	6.6	48.7	68.2	-19.5	Peak	Vertical

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

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

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

Product	Notebook	Test Engineer	Messiah Li
Test Site	AC1	Test Date	2020/08/08
Test Mode:	802.11ac-VHT40 - Aux Antenna	Test Channel:	151
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	9432.0	41.6	6.5	48.1	74.0	-25.9	Peak	Horizontal
*	10375.5	42.0	7.5	49.5	68.2	-18.7	Peak	Horizontal
	12330.5	42.2	5.9	48.1	74.0	-25.9	Peak	Horizontal
*	13563.0	42.5	7.3	49.8	68.2	-18.4	Peak	Horizontal
	8199.5	43.5	3.6	47.1	74.0	-26.9	Peak	Vertical
*	9933.5	41.2	7.0	48.2	68.2	-20.0	Peak	Vertical
	11378.5	42.1	7.1	49.2	74.0	-24.8	Peak	Vertical
*	13843.5	42.7	7.9	50.6	68.2	-17.6	Peak	Vertical

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

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

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

Product	Notebook	Test Engineer	Messiah Li
Test Site	AC1	Test Date	2020/08/08
Test Mode:	802.11ac-VHT40 - Aux Antenna	Test Channel:	159
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8369.5	42.2	3.4	45.6	74.0	-28.4	Peak	Horizontal
*	8760.5	40.8	5.0	45.8	68.2	-22.4	Peak	Horizontal
	11038.5	43.4	7.6	51.0	74.0	-23.0	Peak	Horizontal
*	12840.5	43.8	6.5	50.3	68.2	-17.9	Peak	Horizontal
	8199.5	43.4	3.6	47.0	74.0	-27.0	Peak	Vertical
*	9712.5	41.8	6.8	48.6	68.2	-19.6	Peak	Vertical
	12441.0	42.6	5.7	48.3	74.0	-25.7	Peak	Vertical
*	13588.5	41.7	7.5	49.2	68.2	-19.0	Peak	Vertical

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

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

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

Product	Notebook	Test Engineer	Messiah Li
Test Site	AC1	Test Date	2020/08/08
Test Mode:	802.11ac-VHT80 - Aux Antenna	Test Channel:	42
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8284.5	42.5	3.3	45.8	74.0	-28.2	Peak	Horizontal
*	8888.0	40.3	5.0	45.3	68.2	-22.9	Peak	Horizontal
	11132.0	33.8	17.5	51.3	74.0	-22.7	Peak	Horizontal
*	12951.0	31.2	18.0	49.2	68.2	-19.0	Peak	Horizontal
	8293.0	43.6	3.3	46.9	74.0	-27.1	Peak	Vertical
*	8658.5	41.8	4.7	46.5	68.2	-21.7	Peak	Vertical
	11939.5	43.5	6.0	49.5	74.0	-24.5	Peak	Vertical
*	13801.0	43.4	8.0	51.4	68.2	-16.8	Peak	Vertical

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

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

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

Product	Notebook	Test Engineer	Messiah Li
Test Site	AC1	Test Date	2020/08/08
Test Mode:	802.11ac-VHT80 - Aux Antenna	Test Channel:	155
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
	8395.0	42.8	3.4	46.2	74.0	-27.8	Peak	Horizontal
*	9772.0	40.5	7.0	47.5	68.2	-20.7	Peak	Horizontal
	12058.5	42.4	6.2	48.6	74.0	-25.4	Peak	Horizontal
*	13665.0	44.2	7.6	51.8	68.2	-16.4	Peak	Horizontal
	8318.5	41.8	3.2	45.0	74.0	-29.0	Peak	Vertical
*	10197.0	43.1	7.2	50.3	68.2	-17.9	Peak	Vertical
	11115.0	34.4	17.5	51.9	74.0	-22.1	Peak	Vertical
*	13801.0	44.5	8.0	52.5	68.2	-15.7	Peak	Vertical

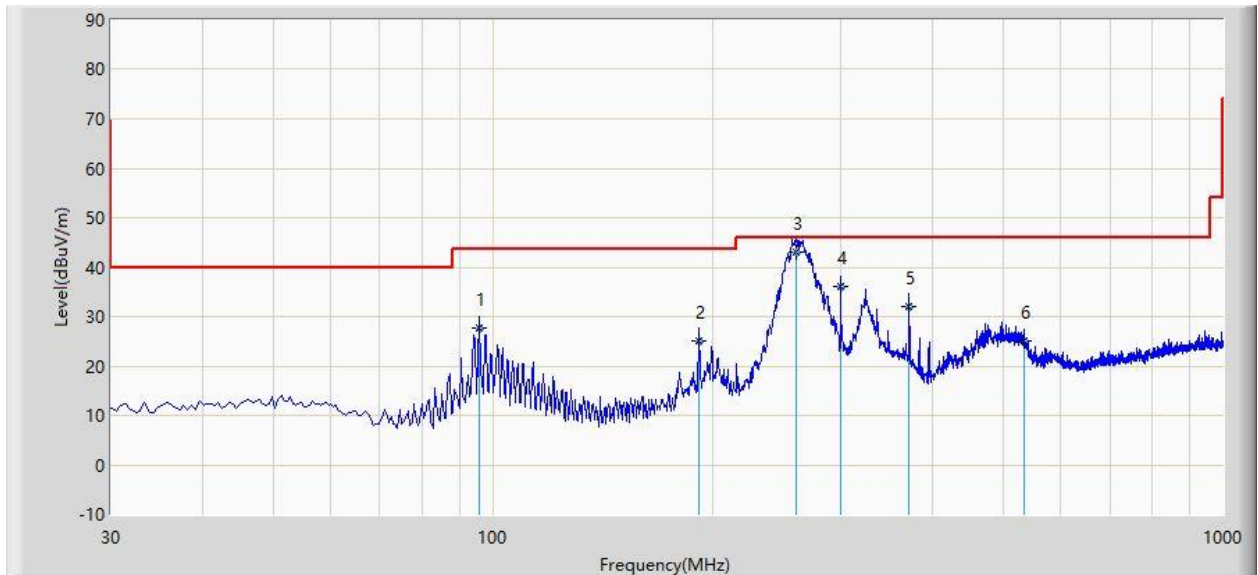
Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

The worst case of Radiated Emission below 1GHz:

Site: AC1	Time: 2020/07/24 - 11:37
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_VULB 9168 _30-2000MHz	Polarity: Horizontal
EUT: Notebook	Power: AC120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5825MHz Main Antenna	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			95.960	27.574	18.142	-15.926	43.500	9.432	QP
2			191.990	25.020	12.251	-18.480	43.500	12.769	QP
3		*	260.860	43.005	30.962	-2.995	46.000	12.043	QP
4			299.660	36.200	20.565	-9.800	46.000	15.635	QP
5			371.440	32.010	14.646	-13.990	46.000	17.364	QP
6			533.915	25.030	4.242	-20.970	46.000	20.788	QP

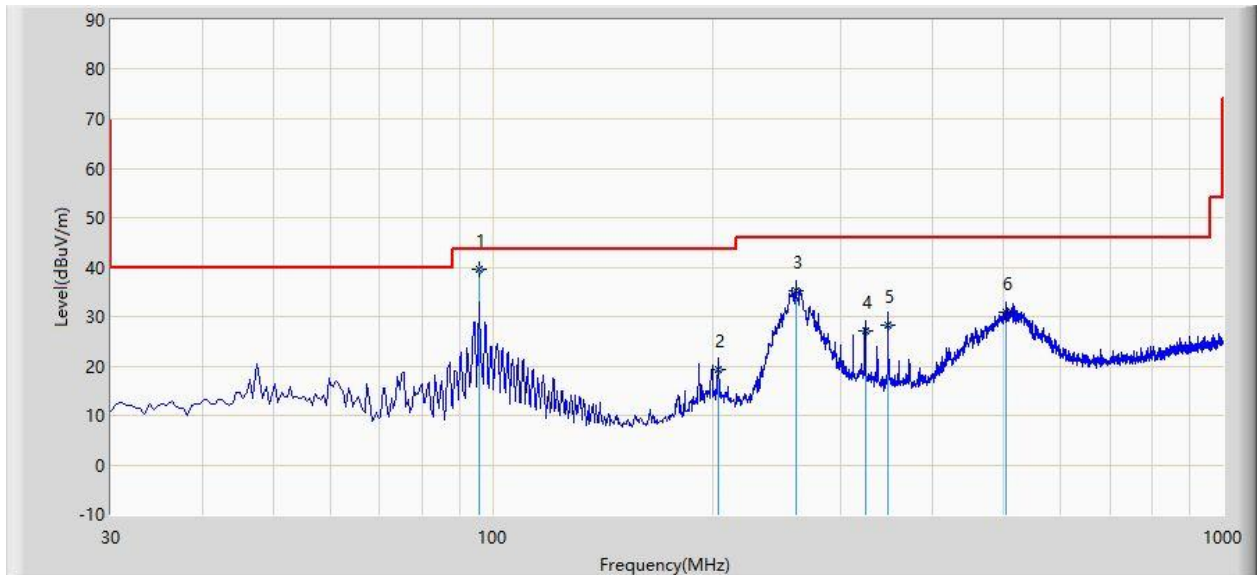
Note 1: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

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

Note 2: The amplitude of Radiated emissions (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 40GHz), is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value.

Therefore, the data is not presented in the report.

Site: AC1	Time: 2020/07/24 - 11:44
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_VULB 9168 _30-2000MHz	Polarity: Vertical
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11 a at channel 5825MHz Main Antenna	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	95.960	39.662	30.230	-3.838	43.500	9.432	QP
2			203.630	19.200	7.012	-24.300	43.500	12.188	QP
3			260.375	35.230	23.211	-10.770	46.000	12.019	QP
4			323.910	27.010	10.805	-18.990	46.000	16.205	QP
5			347.675	28.140	11.313	-17.860	46.000	16.827	QP
6			505.785	31.001	10.734	-14.999	46.000	20.266	QP

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

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

Note 2: The amplitude of Radiated emissions (the test frequency range: 9kHz ~ 30MHz, 18GHz ~ 40GHz), is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value.

Therefore, the data is not presented in the report.

6.8. Radiated Restricted Band Edge Measurement

6.8.1. Test Limit

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	8.025 - 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	156.52475-156.52525	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 D02v02r01 G)2)c), as specified in § 15.407(b), emissions above 1000 MHz that are outside of the restricted bands are subject to a maximum emission limit of -27 dBm/MHz (or

-17 dBm/MHz as specified in § 15.407(b)(4)). However, an out-of-band emission that complies with both the peak and average limits of § 15.209 is not required to satisfy the -27 dBm/MHz or -17 dBm/MHz maximum emission limit.

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

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

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

6.8.2.Test Procedure Used

KDB 789033 D02v02r01- Section G

6.8.3.Test Setting

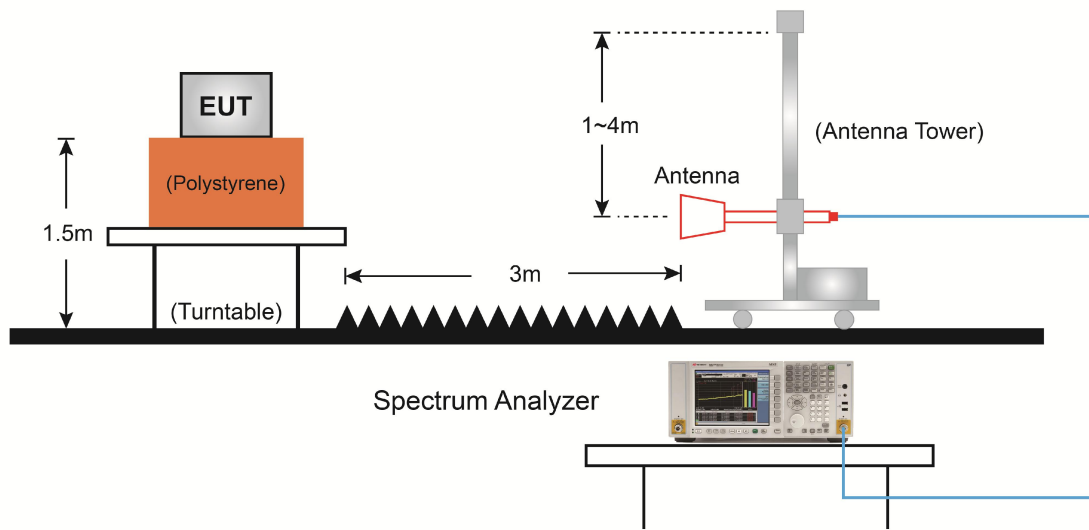
Peak Measurements above 1GHz

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

Average Measurements above 1GHz (Method VB)

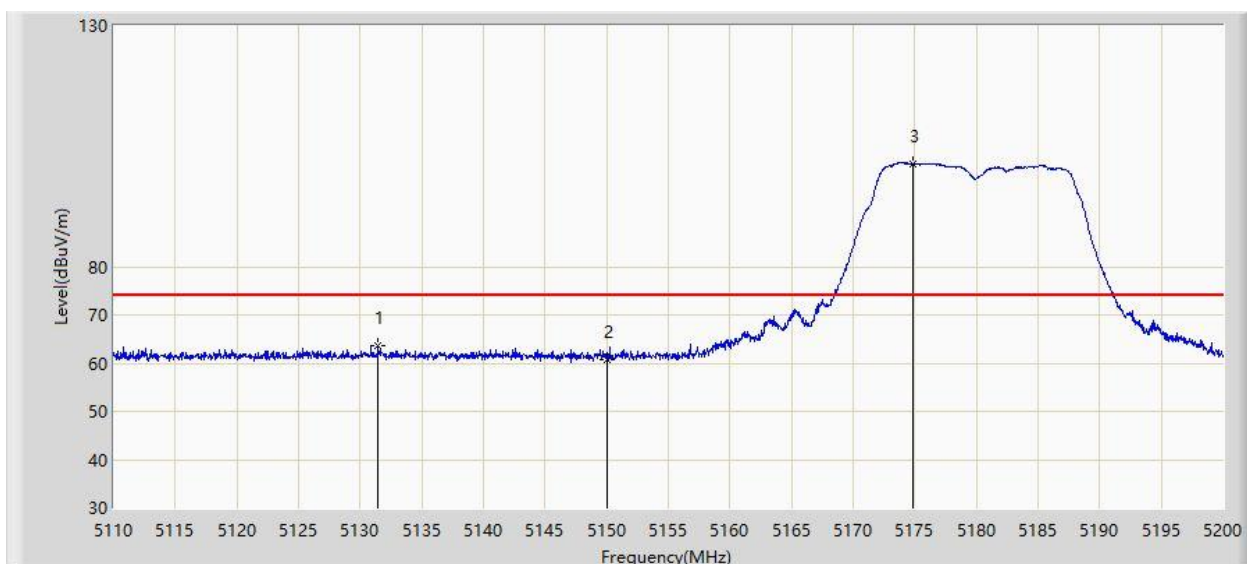
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW; if the EUT is configured to transmit with duty cycle $\geq 98\%$, set VBW = 10Hz
4. If the EUT duty cycle is $< 98\%$, set VBW $\geq 1/T$. T is the minimum transmission duration
5. Detector = Peak
6. Sweep time = Auto
7. Trace mode = Max hold
8. Trace was allowed to stabilize

6.8.4. Test Setup



6.8.5.Test Result

Site: AC1	Time: 2020/07/27 - 09:52
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz Main Antenna	

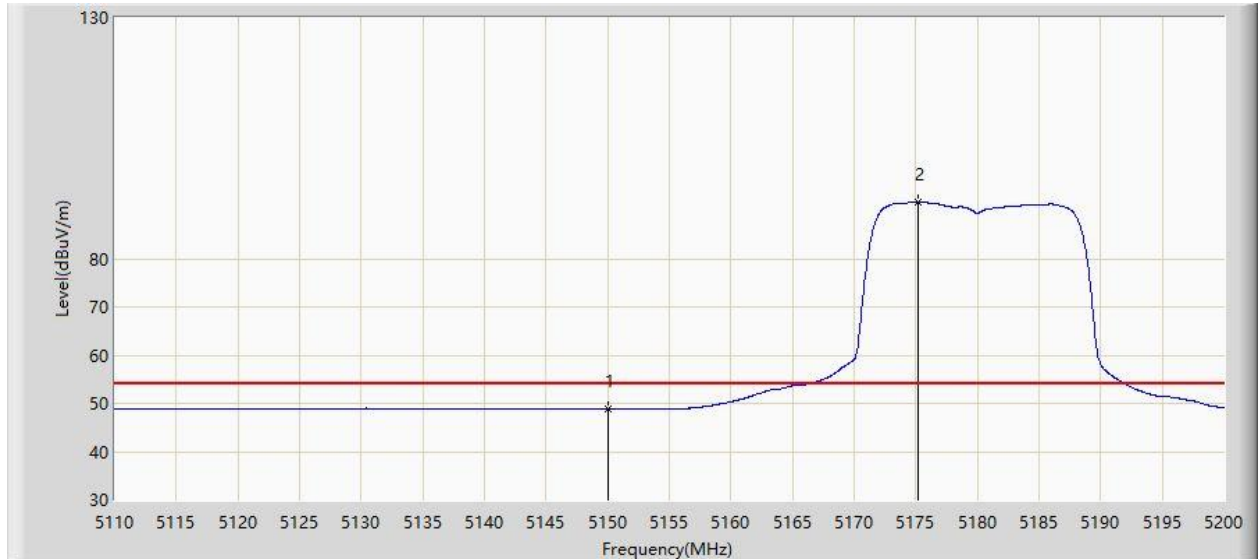


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5131.465	63.695	56.838	-10.305	74.000	6.856	PK
2			5150.000	60.736	53.937	-13.264	74.000	6.799	PK
3		*	5174.890	101.306	94.489	N/A	N/A	6.817	PK

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

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

Site: AC1	Time: 2020/07/27 - 09:53
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz Main Antenna	

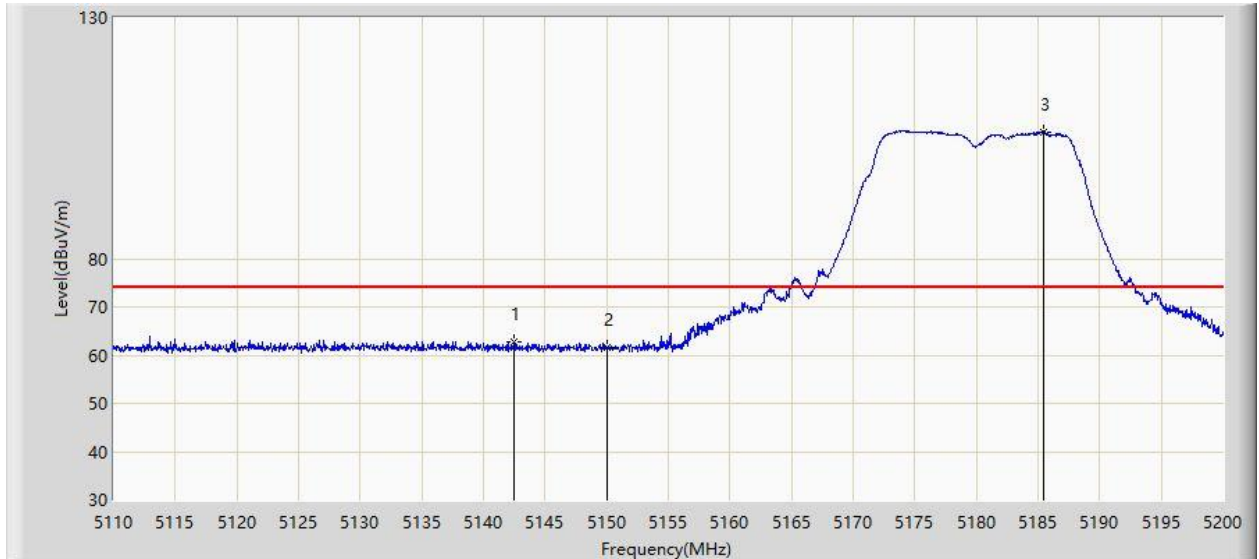


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	48.761	41.962	-5.239	54.000	6.799	AV
2		*	5175.160	91.766	84.950	N/A	N/A	6.815	AV

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: 2020/07/27 - 09:53
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz Main Antenna	

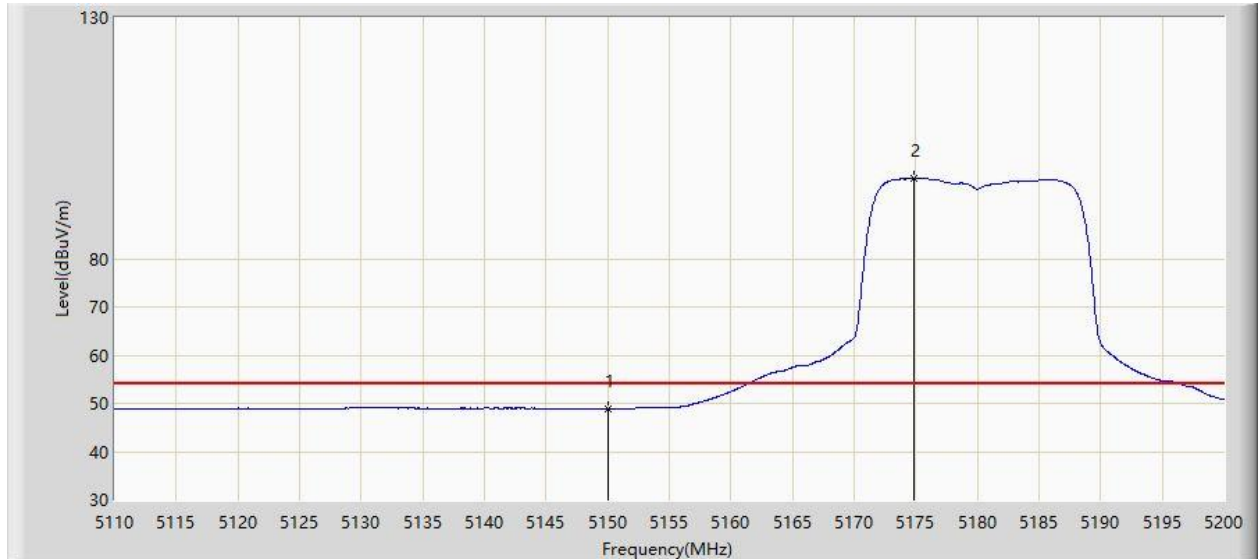


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5142.445	62.827	56.014	-11.173	74.000	6.814	PK
2			5150.000	61.507	54.708	-12.493	74.000	6.799	PK
3		*	5185.420	106.264	99.527	N/A	N/A	6.736	PK

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

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

Site: AC1	Time: 2020/07/27 - 09:57
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5180MHz Main Antenna	

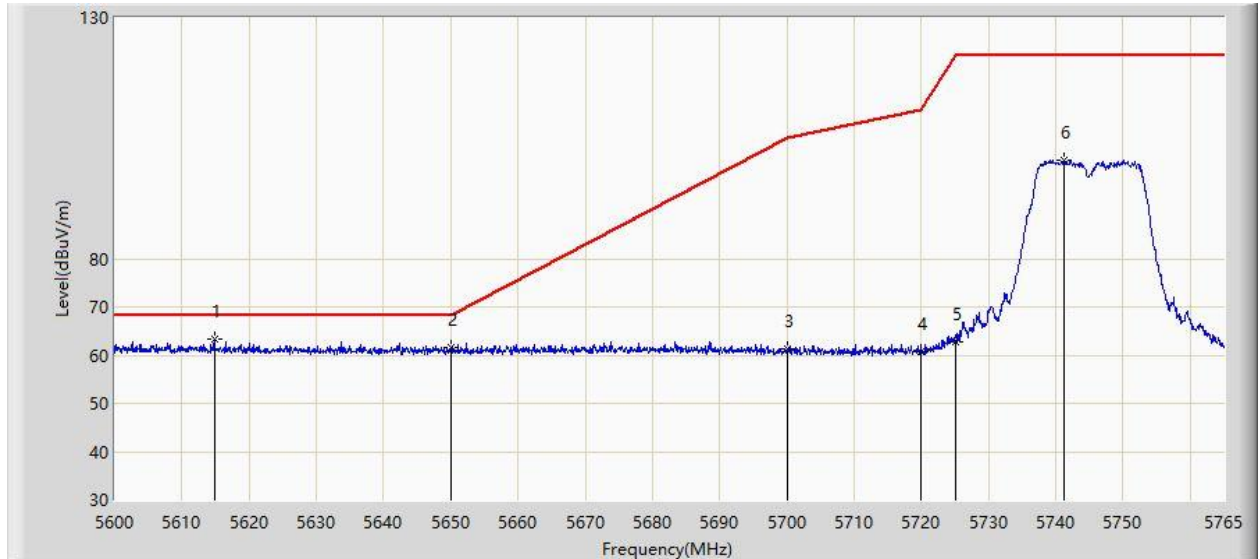


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	48.896	42.097	-5.104	54.000	6.799	AV
2		*	5174.890	96.754	89.937	N/A	N/A	6.817	AV

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: 2020/07/27 - 10:05
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5745MHz Main Antenna	

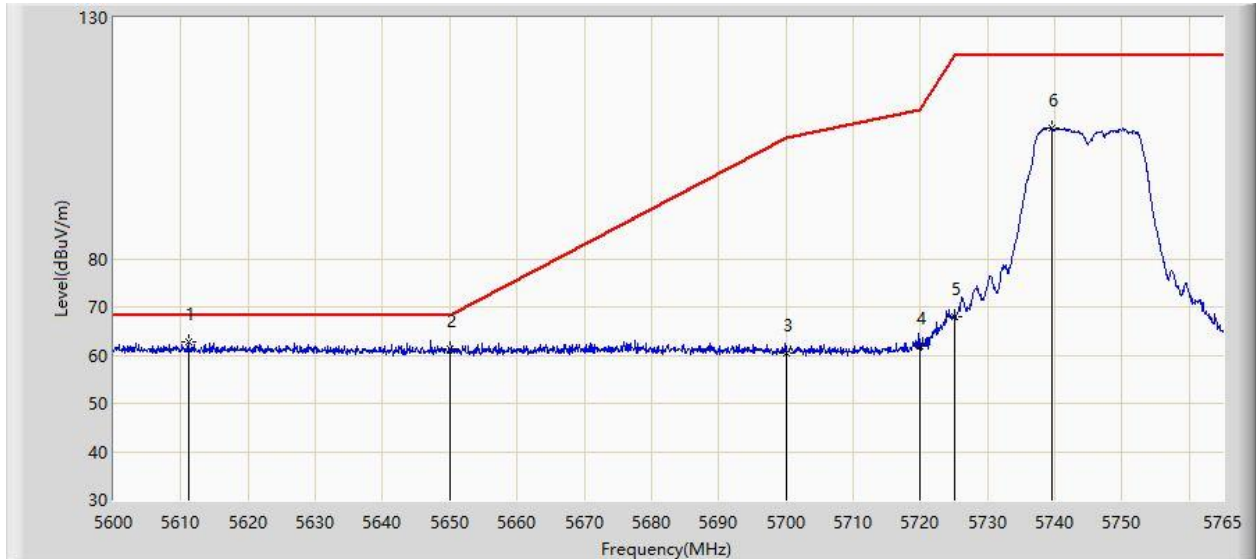


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5614.850	63.289	56.236	-4.911	68.200	7.053	PK
2			5650.000	61.552	54.412	-6.648	68.200	7.140	PK
3			5700.000	61.269	54.054	-43.931	105.200	7.215	PK
4			5720.000	60.720	53.447	-50.080	110.800	7.273	PK
5			5725.000	62.646	55.314	-59.554	122.200	7.332	PK
6			5741.322	100.360	92.925	N/A	N/A	7.435	PK

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

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

Site: AC1	Time: 2020/07/27 - 10:13
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5745MHz Main Antenna	

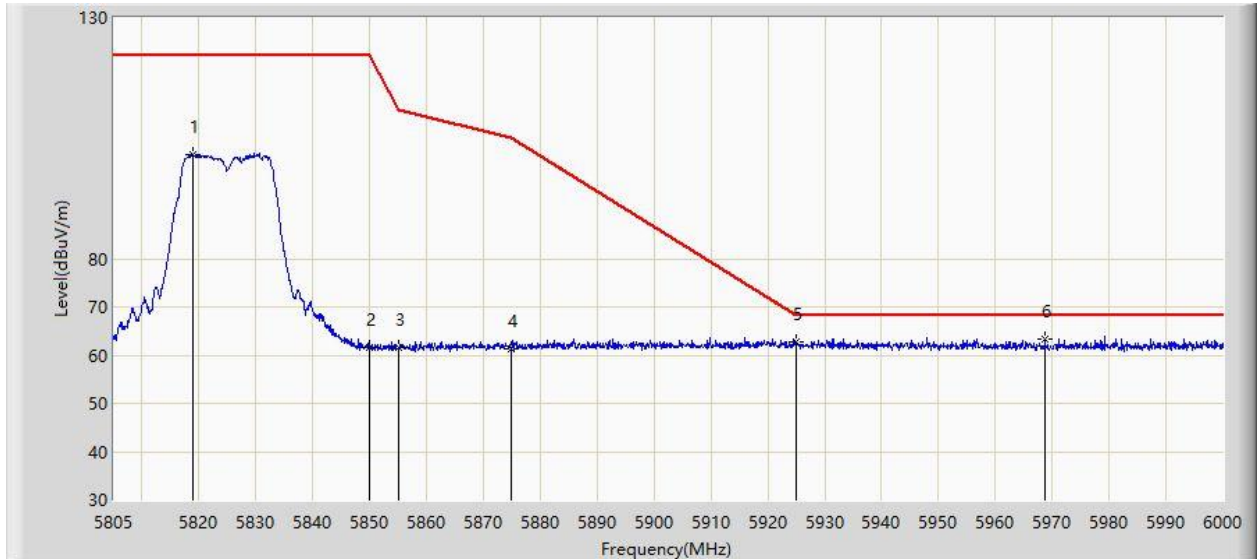


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5611.138	62.893	55.831	-5.307	68.200	7.063	PK
2			5650.000	61.282	54.142	-6.918	68.200	7.140	PK
3			5700.000	60.528	53.313	-44.672	105.200	7.215	PK
4			5720.000	62.015	54.742	-48.785	110.800	7.273	PK
5			5725.000	67.829	60.497	-54.371	122.200	7.332	PK
6			5739.507	107.118	99.694	N/A	N/A	7.424	PK

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

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

Site: AC1	Time: 2020/07/27 - 10:18
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5825MHz Main Antenna	

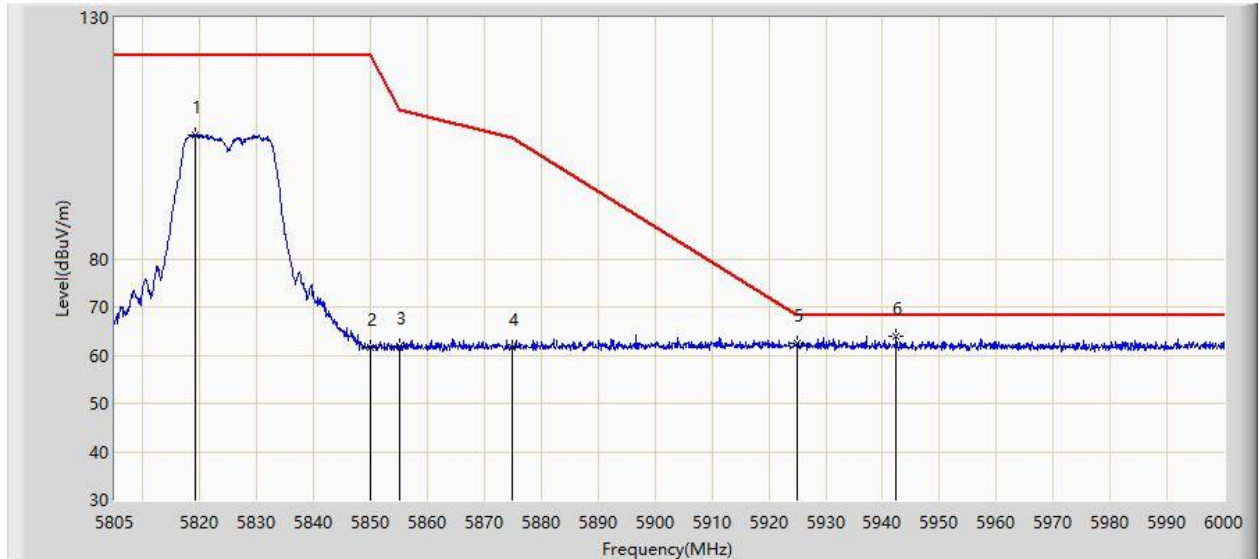


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5818.942	101.596	93.996	N/A	N/A	7.600	PK
2			5850.000	61.474	53.782	-60.726	122.200	7.692	PK
3			5855.000	61.560	53.916	-49.240	110.800	7.644	PK
4			5875.000	61.257	53.655	-43.943	105.200	7.602	PK
5			5925.000	62.774	54.948	-5.426	68.200	7.826	PK
6		*	5968.703	63.453	55.813	-4.747	68.200	7.639	PK

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

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

Site: AC1	Time: 2020/07/27 - 10:22
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at channel 5825MHz Main Antenna	

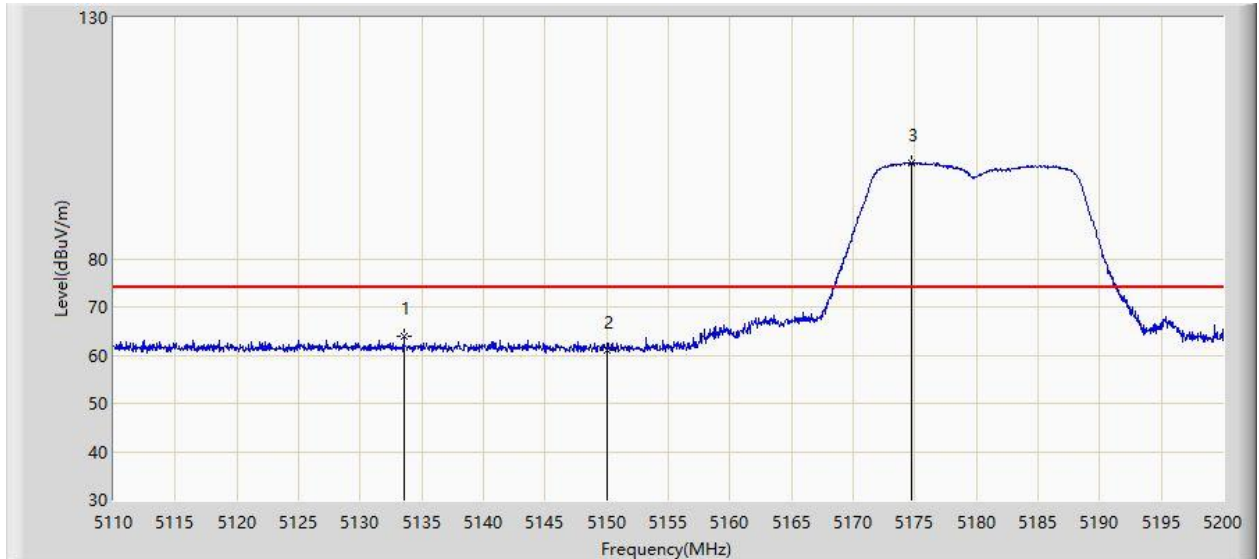


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5819.235	105.707	98.102	N/A	N/A	7.605	PK
2			5850.000	61.510	53.818	-60.690	122.200	7.692	PK
3			5855.000	61.750	54.106	-49.050	110.800	7.644	PK
4			5875.000	61.454	53.852	-43.746	105.200	7.602	PK
5			5925.000	62.458	54.632	-5.742	68.200	7.826	PK
6		*	5942.377	64.037	56.322	-4.163	68.200	7.714	PK

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

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

Site: AC1	Time: 2020/07/27 - 10:27
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5180MHz Main Antenna	

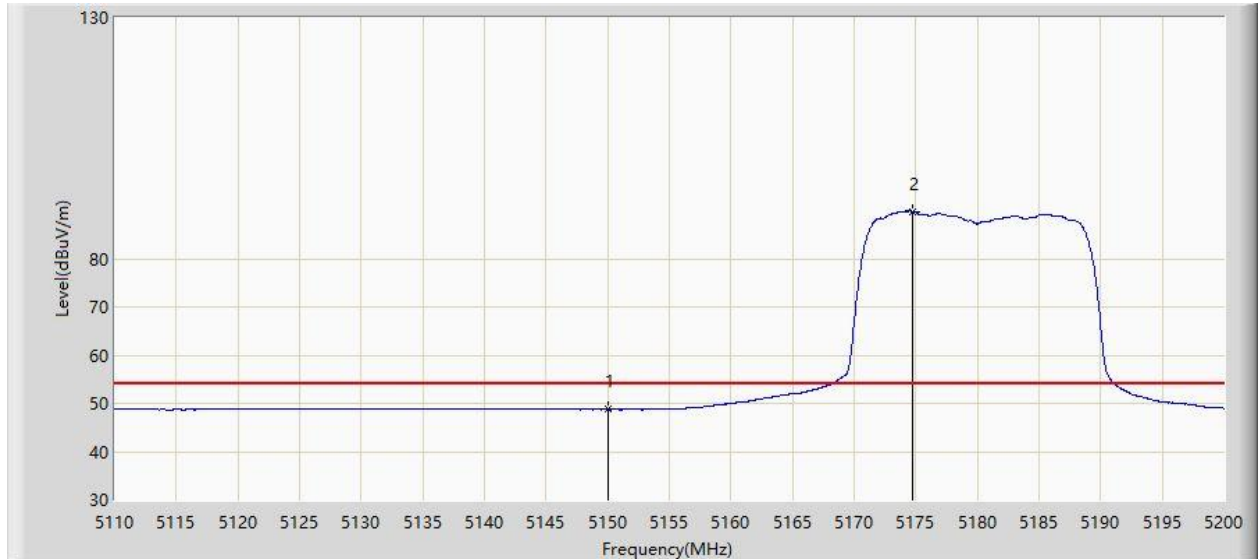


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5133.535	63.908	57.060	-10.092	74.000	6.848	PK
2			5150.000	61.127	54.328	-12.873	74.000	6.799	PK
3		*	5174.755	99.781	92.964	N/A	N/A	6.816	PK

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

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

Site: AC1	Time: 2020/07/27 - 10:32
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5180MHz Main Antenna	

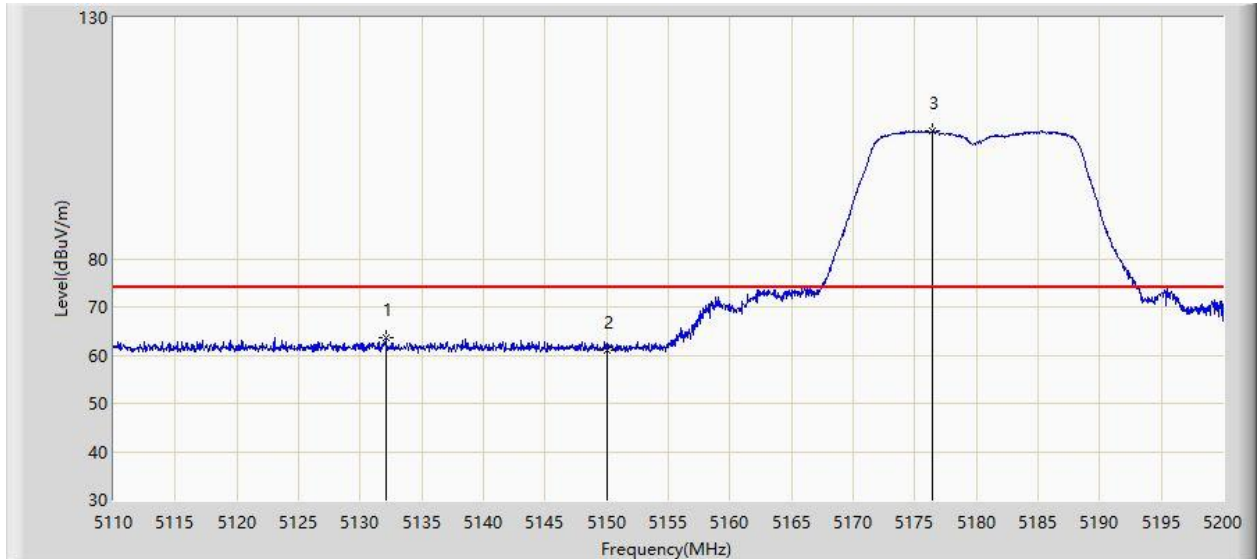


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	48.711	41.912	-5.289	54.000	6.799	AV
2		*	5174.755	89.825	83.008	N/A	N/A	6.816	AV

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: 2020/07/27 - 10:33
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5180MHz Main Antenna	

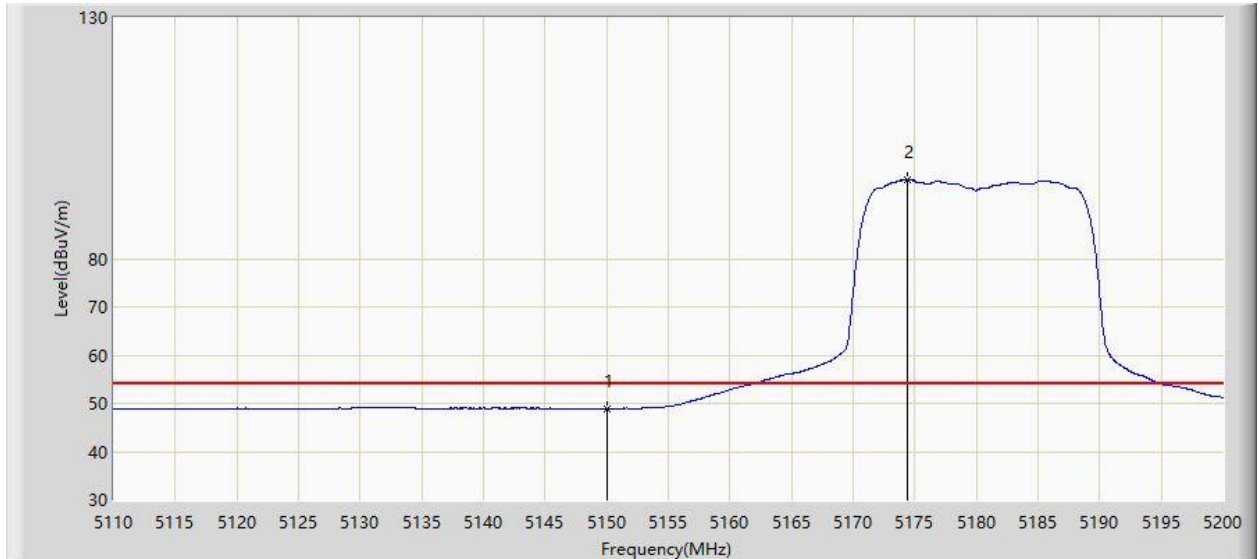


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5132.050	63.589	56.735	-10.411	74.000	6.855	PK
2			5150.000	61.019	54.220	-12.981	74.000	6.799	PK
3		*	5176.465	106.592	99.781	N/A	N/A	6.811	PK

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

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

Site: AC1	Time: 2020/07/27 - 10:36
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5180MHz Main Antenna	

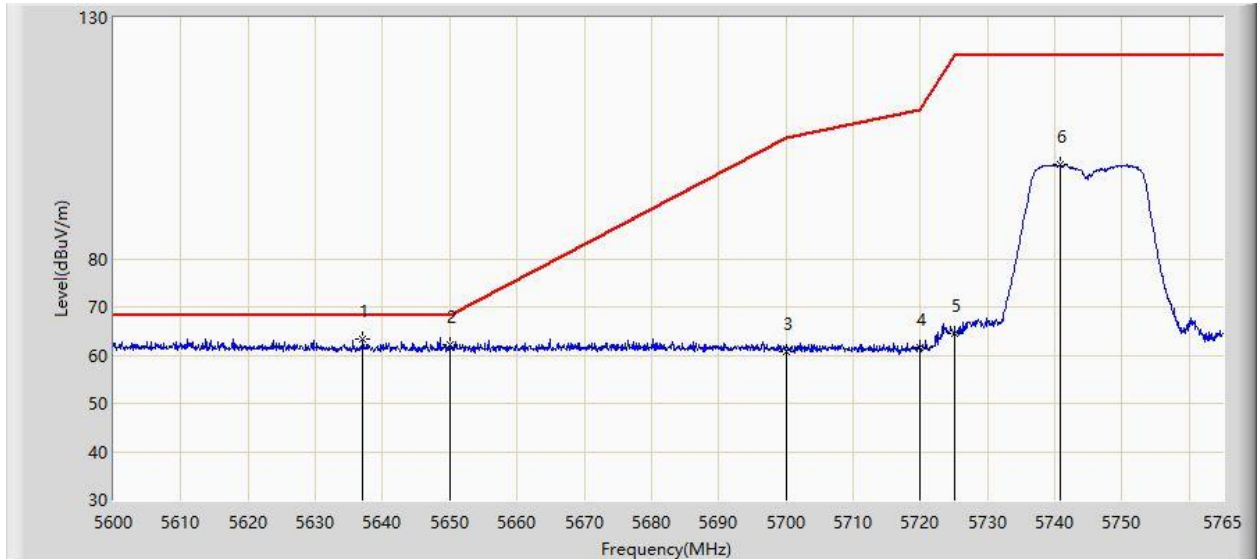


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	48.928	42.129	-5.072	54.000	6.799	AV
2		*	5174.350	96.353	89.534	N/A	N/A	6.818	AV

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: 2020/07/27 - 10:38
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5745MHz Main Antenna	

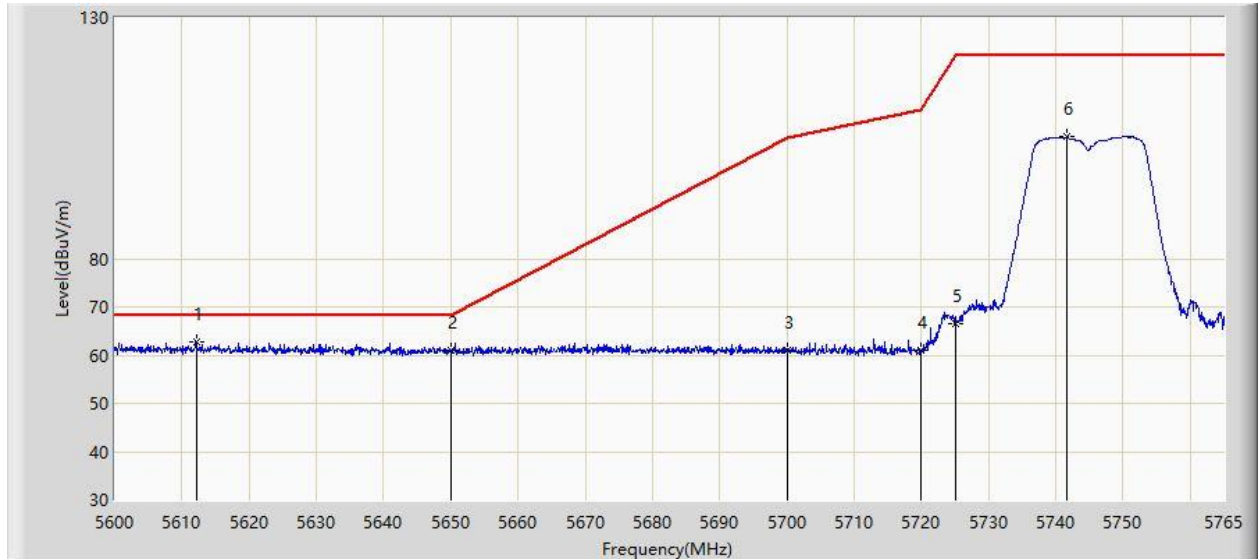


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5637.042	63.333	56.366	-4.867	68.200	6.967	PK
2			5650.000	62.102	54.962	-6.098	68.200	7.140	PK
3			5700.000	60.857	53.642	-44.343	105.200	7.215	PK
4			5720.000	61.515	54.242	-49.285	110.800	7.273	PK
5			5725.000	64.391	57.059	-57.809	122.200	7.332	PK
6			5740.745	99.434	92.002	N/A	N/A	7.432	PK

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

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

Site: AC1	Time: 2020/07/27 - 10:49
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5745MHz Main Antenna	

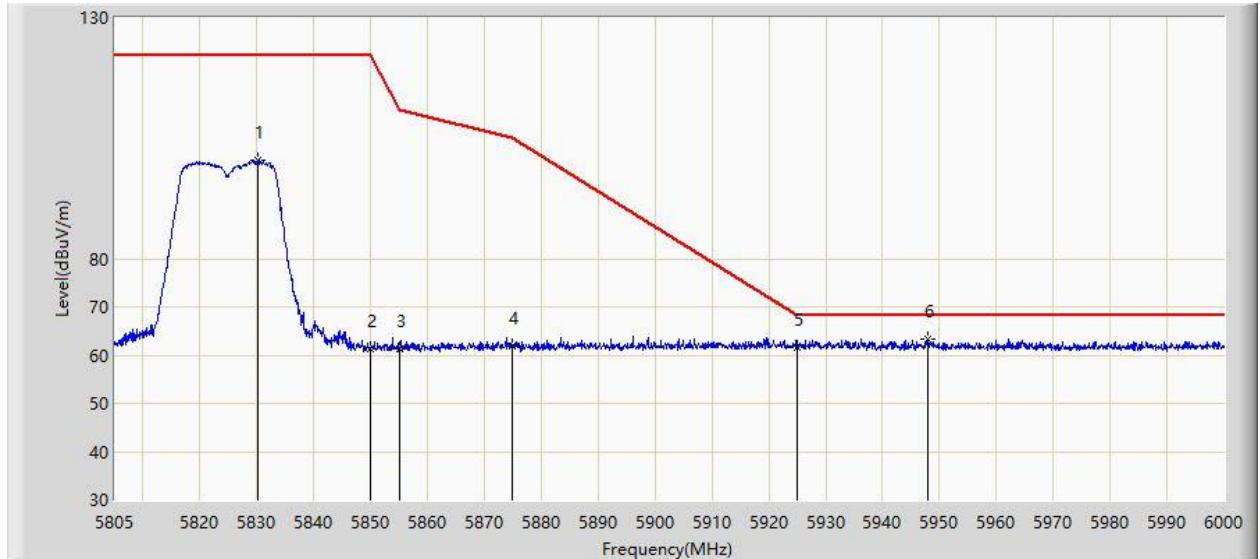


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5612.127	62.849	55.789	-5.351	68.200	7.060	PK
2			5650.000	60.931	53.791	-7.269	68.200	7.140	PK
3			5700.000	61.089	53.874	-44.111	105.200	7.215	PK
4			5720.000	60.997	53.724	-49.803	110.800	7.273	PK
5			5725.000	66.643	59.311	-55.557	122.200	7.332	PK
6			5741.652	105.333	97.896	N/A	N/A	7.438	PK

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

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

Site: AC1	Time: 2020/07/27 - 10:53
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5825MHz Main Antenna	

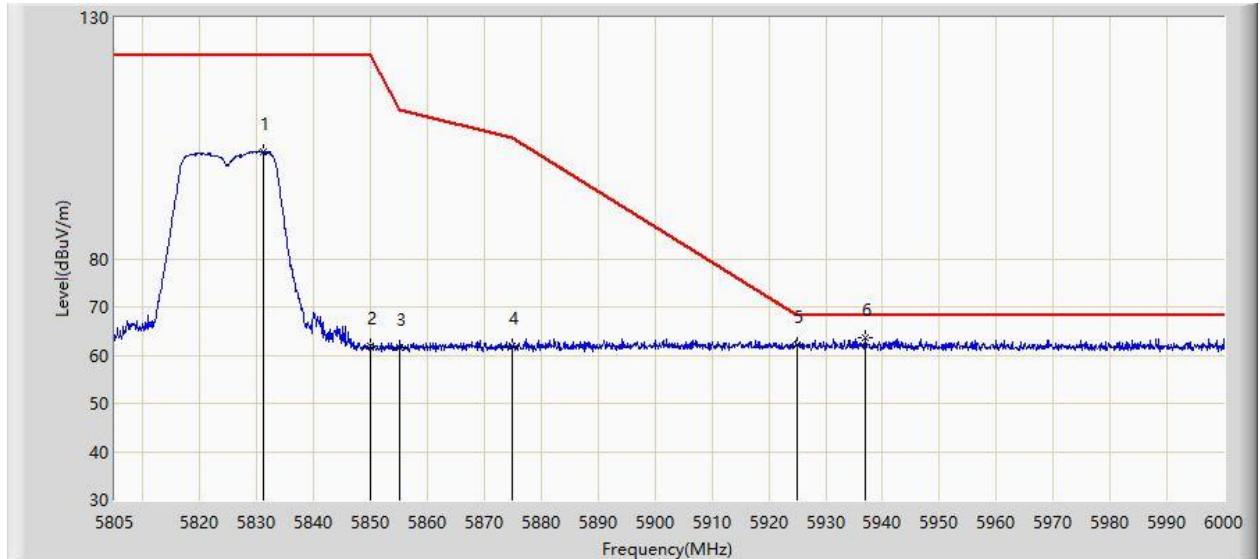


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5830.252	100.409	92.646	N/A	N/A	7.763	PK
2			5850.000	61.375	53.683	-60.825	122.200	7.692	PK
3			5855.000	61.285	53.641	-49.515	110.800	7.644	PK
4			5875.000	62.014	54.412	-43.186	105.200	7.602	PK
5			5925.000	61.498	53.672	-6.702	68.200	7.826	PK
6		*	5947.837	63.399	55.721	-4.801	68.200	7.678	PK

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

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

Site: AC1	Time: 2020/07/27 - 11:00
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at channel 5825MHz Main Antenna	

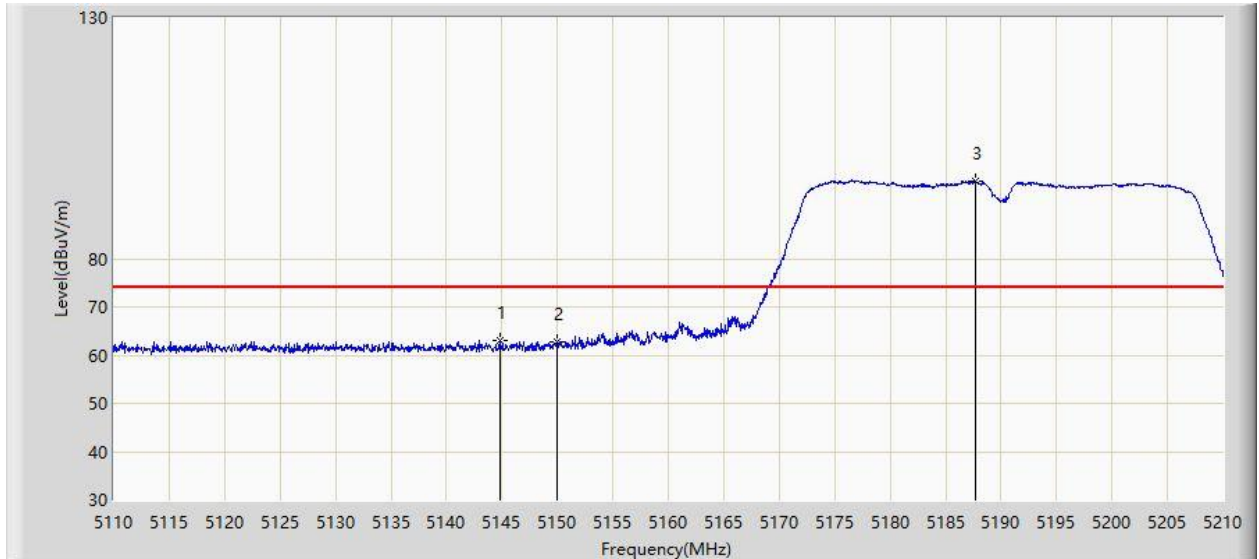


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5831.228	102.216	94.454	N/A	N/A	7.761	PK
2			5850.000	61.992	54.300	-60.208	122.200	7.692	PK
3			5855.000	61.613	53.969	-49.187	110.800	7.644	PK
4			5875.000	61.812	54.210	-43.388	105.200	7.602	PK
5			5925.000	62.064	54.238	-6.136	68.200	7.826	PK
6		*	5936.917	63.616	55.863	-4.584	68.200	7.753	PK

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

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

Site: AC1	Time: 2020/07/27 - 11:03
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5190MHz Main Antenna	

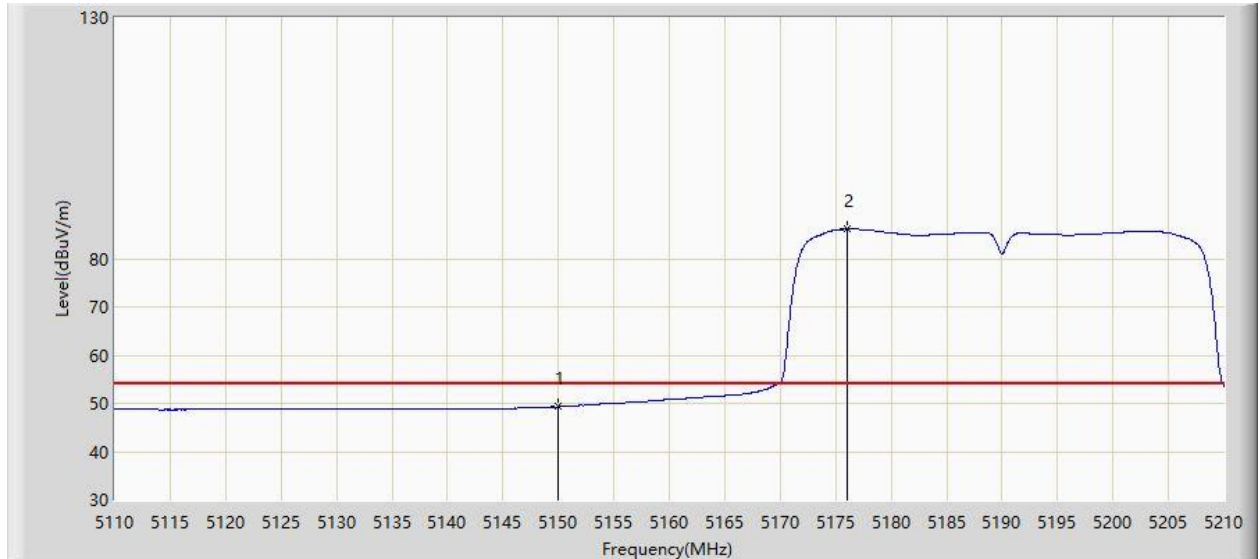


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5144.800	63.112	56.308	-10.888	74.000	6.805	PK
2			5150.000	62.711	55.912	-11.289	74.000	6.799	PK
3		*	5187.750	96.070	89.369	N/A	N/A	6.701	PK

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

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

Site: AC1	Time: 2020/07/27 - 11:06
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5190MHz Main Antenna	

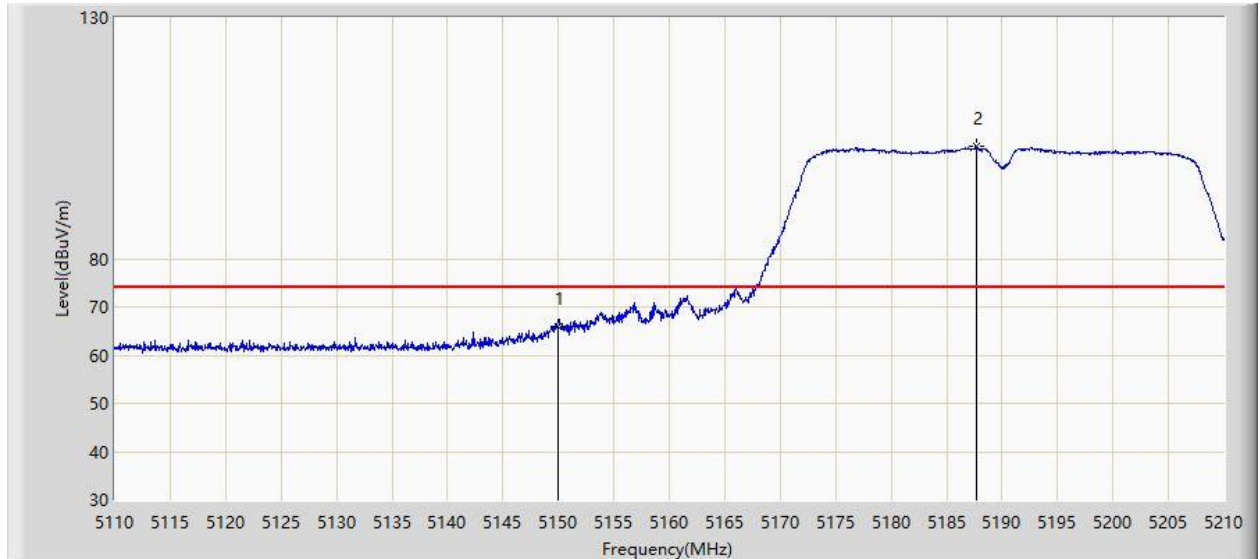


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	49.303	42.504	-4.697	54.000	6.799	AV
2		*	5176.050	86.177	79.365	N/A	N/A	6.812	AV

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: 2020/07/27 - 11:07
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5190MHz Main Antenna	

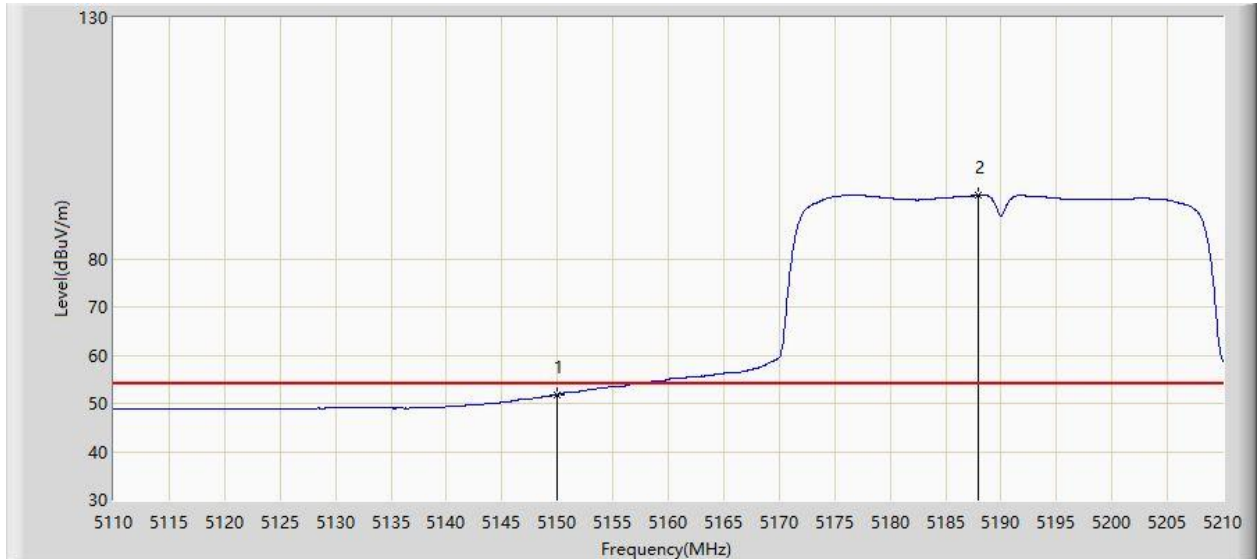


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	66.086	59.287	-7.914	74.000	6.799	PK
2		*	5187.700	103.273	96.572	N/A	N/A	6.702	PK

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: 2020/07/27 - 11:12
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5190MHz Main Antenna	

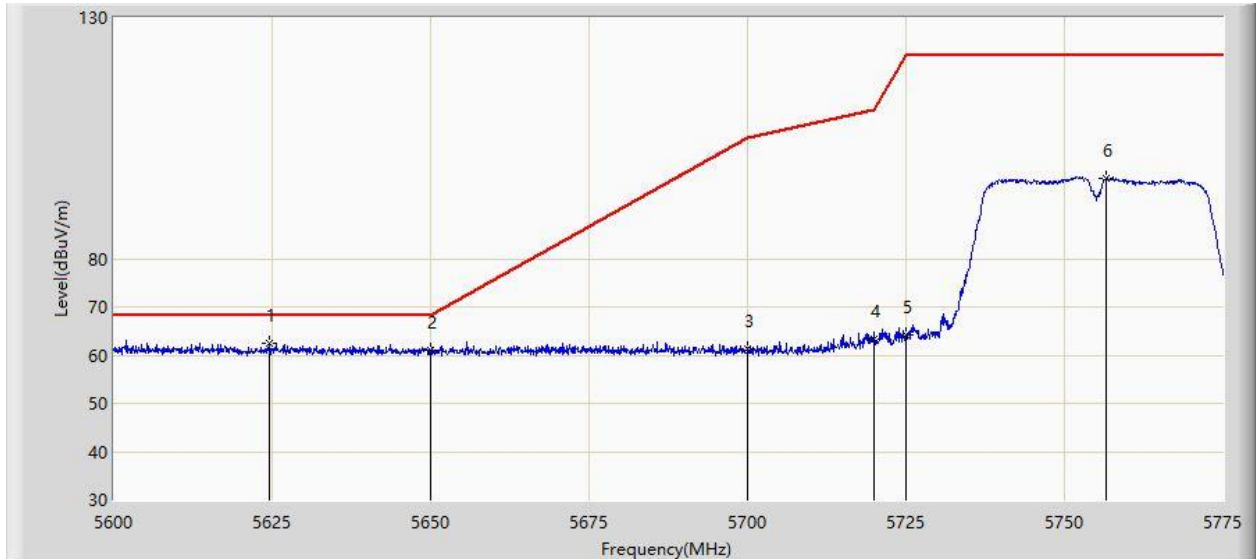


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	51.860	45.061	-2.140	54.000	6.799	AV
2		*	5188.000	93.199	86.502	N/A	N/A	6.697	AV

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: 2020/07/27 - 11:13
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5755MHz Main Antenna	

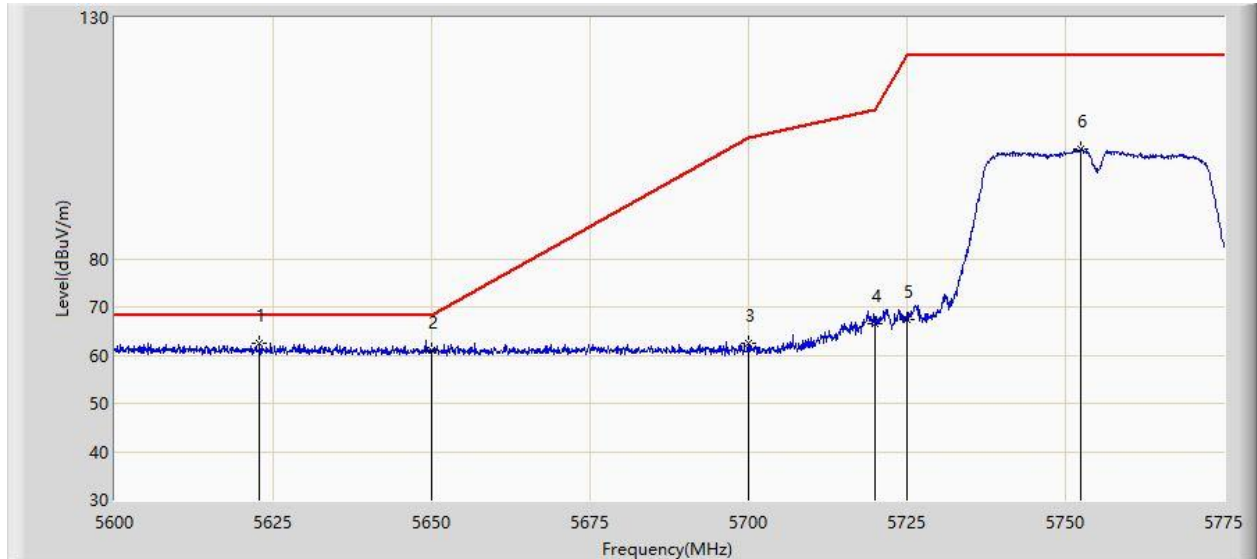


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5624.587	62.581	55.552	-5.619	68.200	7.028	PK
2			5650.000	60.880	53.740	-7.320	68.200	7.140	PK
3			5700.000	61.360	54.145	-43.840	105.200	7.215	PK
4			5720.000	63.471	56.198	-47.329	110.800	7.273	PK
5			5725.000	64.090	56.758	-58.110	122.200	7.332	PK
6			5756.625	96.645	89.214	N/A	N/A	7.431	PK

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

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

Site: AC1	Time: 2020/07/27 - 11:18
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5755MHz Main Antenna	

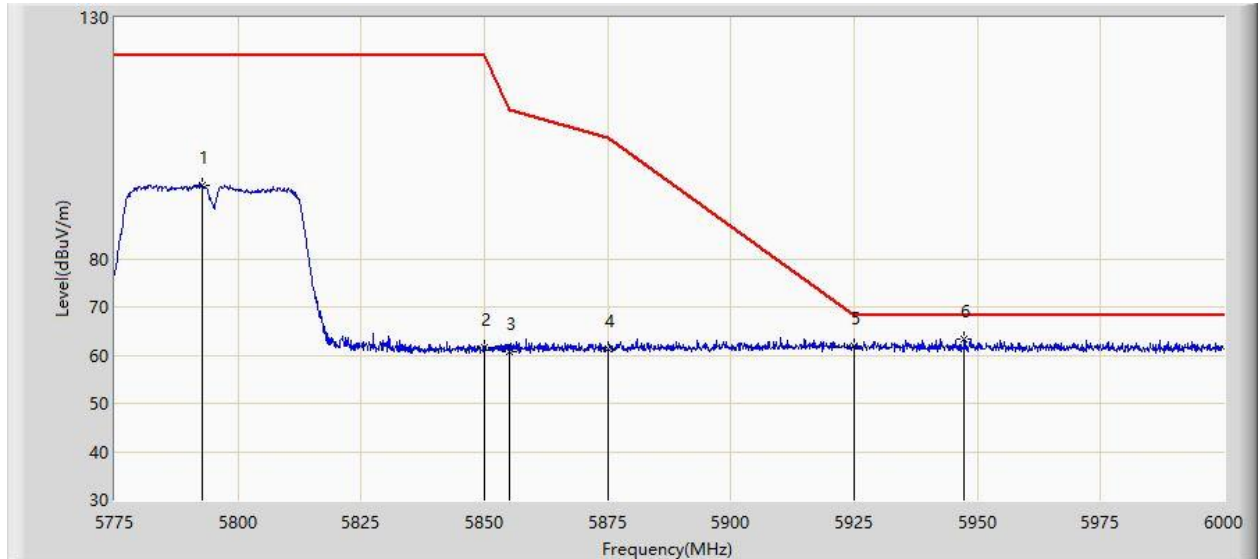


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5622.837	62.555	55.521	-5.645	68.200	7.035	PK
2			5650.000	60.975	53.835	-7.225	68.200	7.140	PK
3			5700.000	62.391	55.176	-42.809	105.200	7.215	PK
4			5720.000	66.394	59.121	-44.406	110.800	7.273	PK
5			5725.000	67.499	60.167	-54.701	122.200	7.332	PK
6			5752.513	102.855	95.419	N/A	N/A	7.436	PK

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

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

Site: AC1	Time: 2020/07/27 - 11:21
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5795MHz Main Antenna	

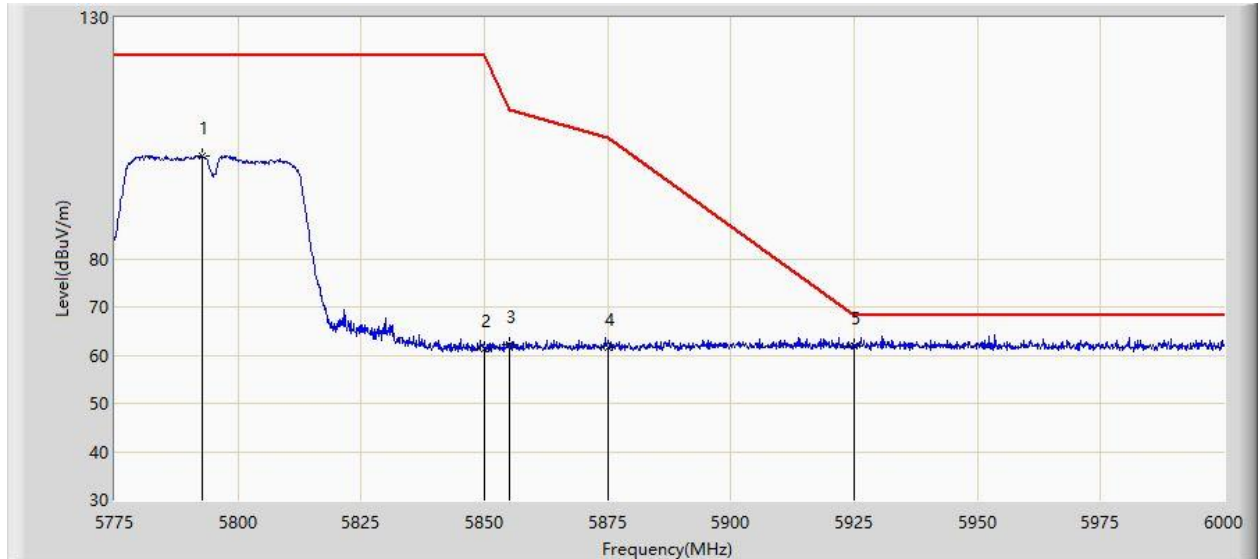


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5792.775	95.156	87.663	N/A	N/A	7.492	PK
2			5850.000	61.599	53.907	-60.601	122.200	7.692	PK
3			5855.000	60.828	53.184	-49.972	110.800	7.644	PK
4			5875.000	61.344	53.742	-43.856	105.200	7.602	PK
5			5925.000	61.748	53.922	-6.452	68.200	7.826	PK
6		*	5947.350	63.419	55.738	-4.781	68.200	7.680	PK

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

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

Site: AC1	Time: 2020/07/27 - 11:24
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5795MHz Main Antenna	

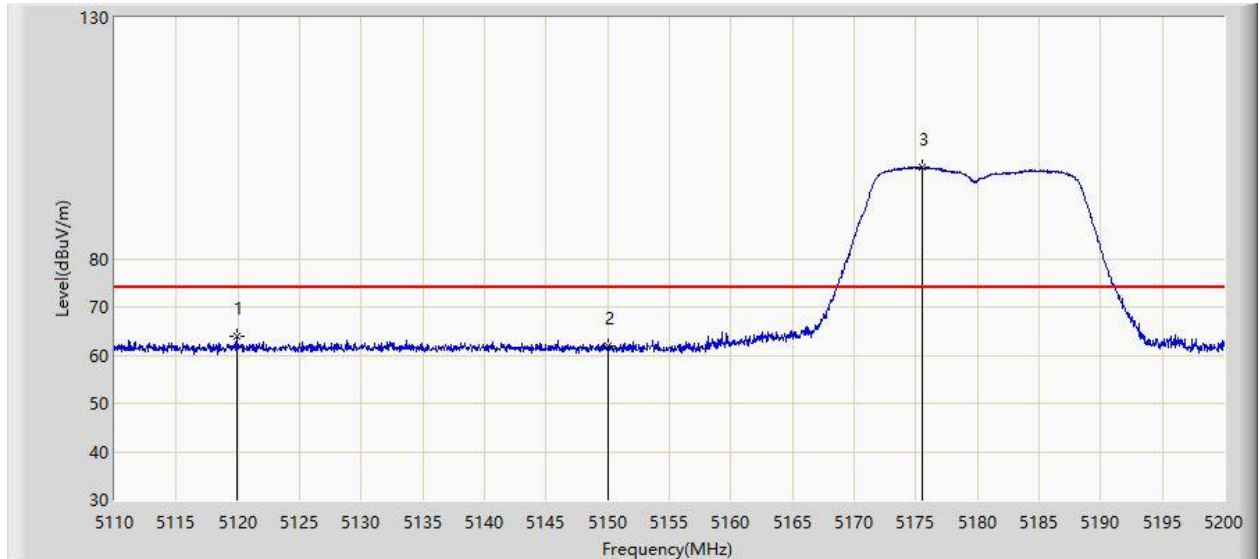


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5792.775	101.417	93.924	N/A	N/A	7.492	PK
2			5850.000	61.426	53.734	-60.774	122.200	7.692	PK
3			5855.000	62.292	54.648	-48.508	110.800	7.644	PK
4			5875.000	61.496	53.894	-43.704	105.200	7.602	PK
5		*	5925.000	61.779	53.953	-6.421	68.200	7.826	PK

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

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

Site: AC1	Time: 2020/07/27 - 11:28
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5180MHz Main Antenna	

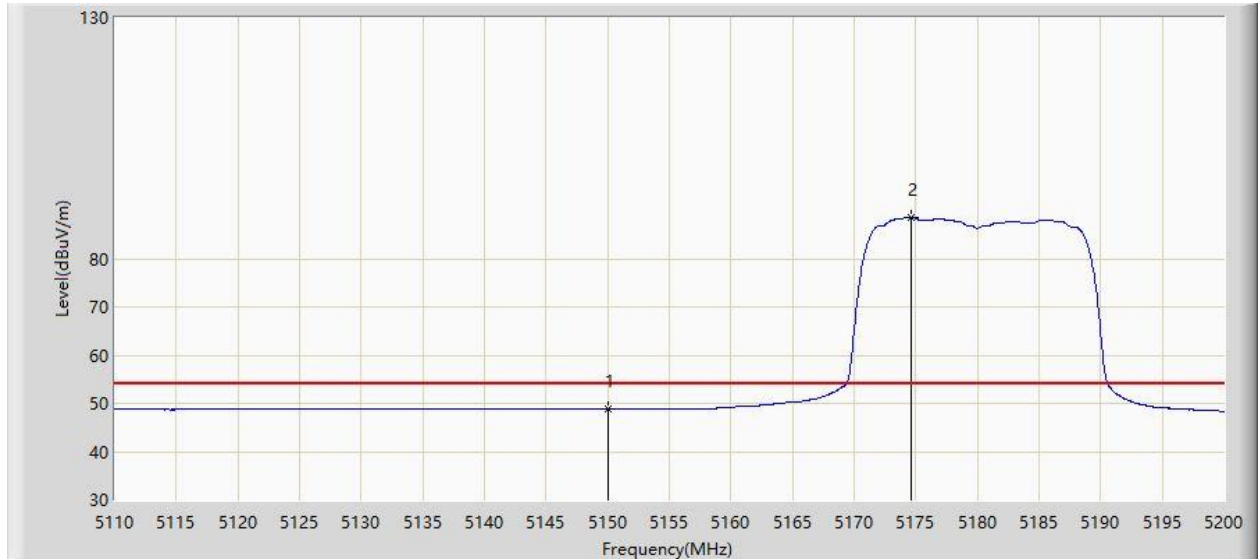


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5119.900	63.776	57.064	-10.224	74.000	6.712	PK
2			5150.000	61.892	55.093	-12.108	74.000	6.799	PK
3		*	5175.475	98.843	92.029	N/A	N/A	6.815	PK

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

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

Site: AC1	Time: 2020/07/27 - 11:32
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5180MHz Main Antenna	

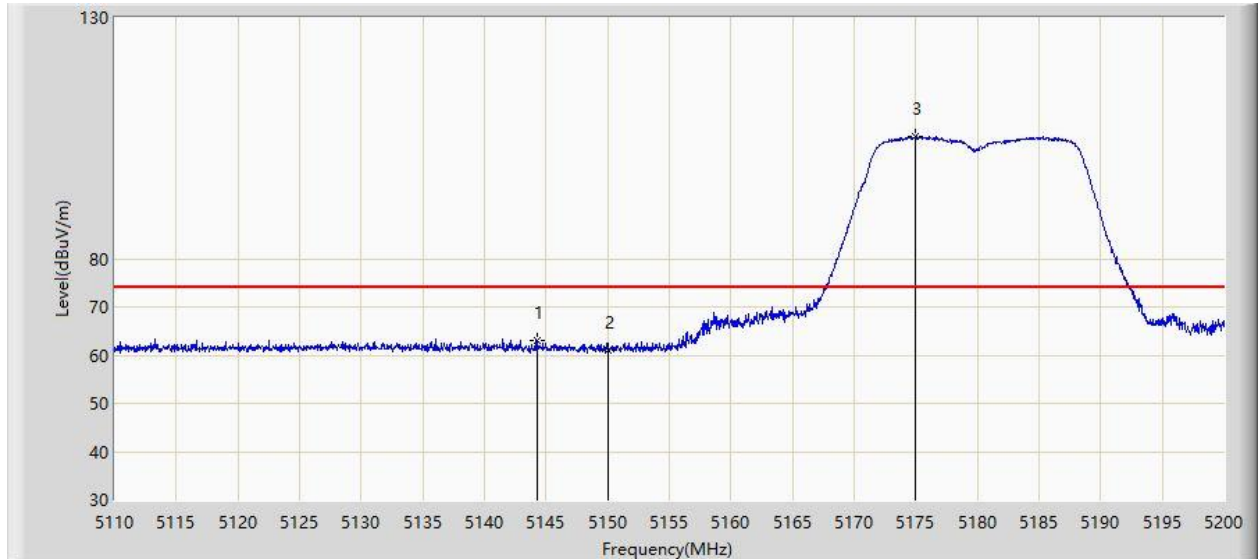


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	48.757	41.958	-5.243	54.000	6.799	AV
2		*	5174.620	88.573	81.755	N/A	N/A	6.818	AV

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

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

Site: AC1	Time: 2020/07/27 - 11:33
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5180MHz Main Antenna	

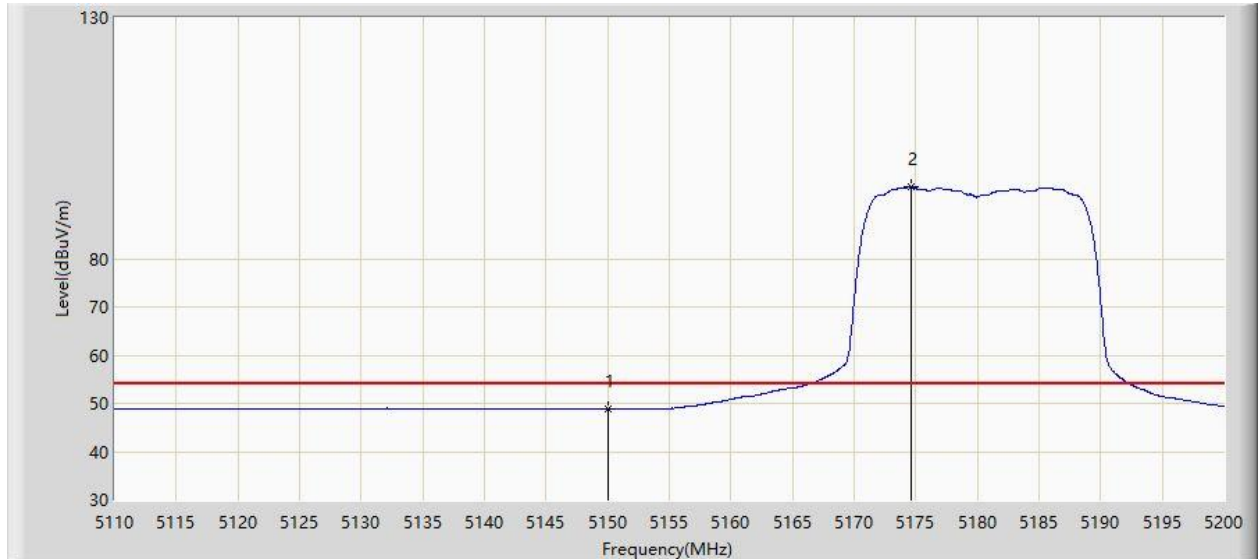


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5144.290	63.160	56.354	-10.840	74.000	6.806	PK
2			5150.000	60.923	54.124	-13.077	74.000	6.799	PK
3		*	5174.935	105.334	98.518	N/A	N/A	6.817	PK

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

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

Site: AC1	Time: 2020/07/27 - 11:35
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5180MHz Main Antenna	

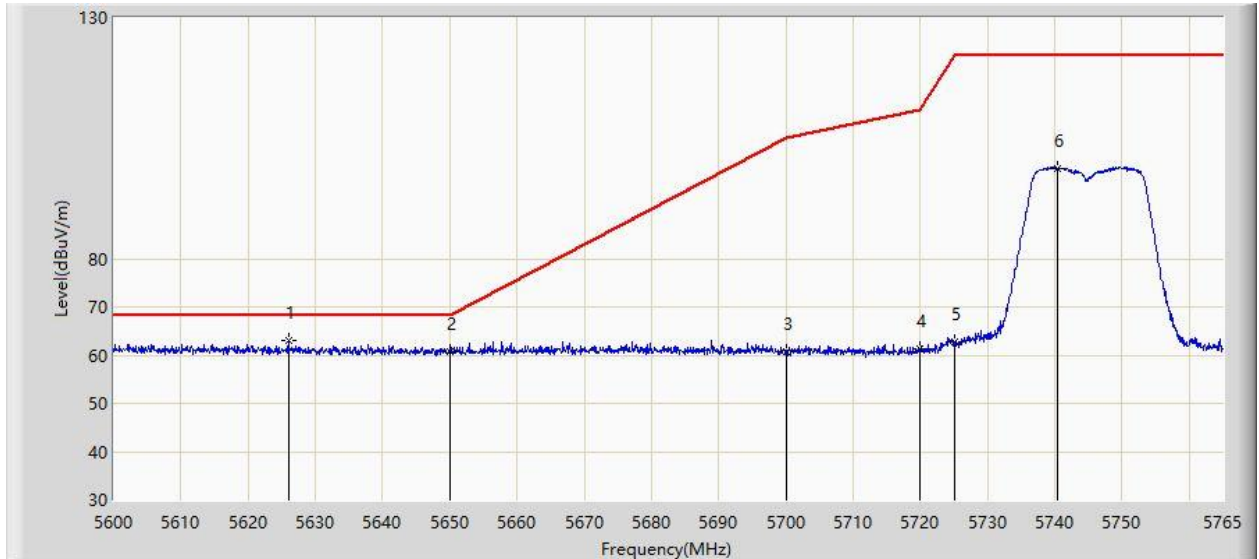


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	48.780	41.981	-5.220	54.000	6.799	AV
2		*	5174.620	94.878	88.060	N/A	N/A	6.818	AV

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: 2020/07/27 - 11:37
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5745MHz Main Antenna	

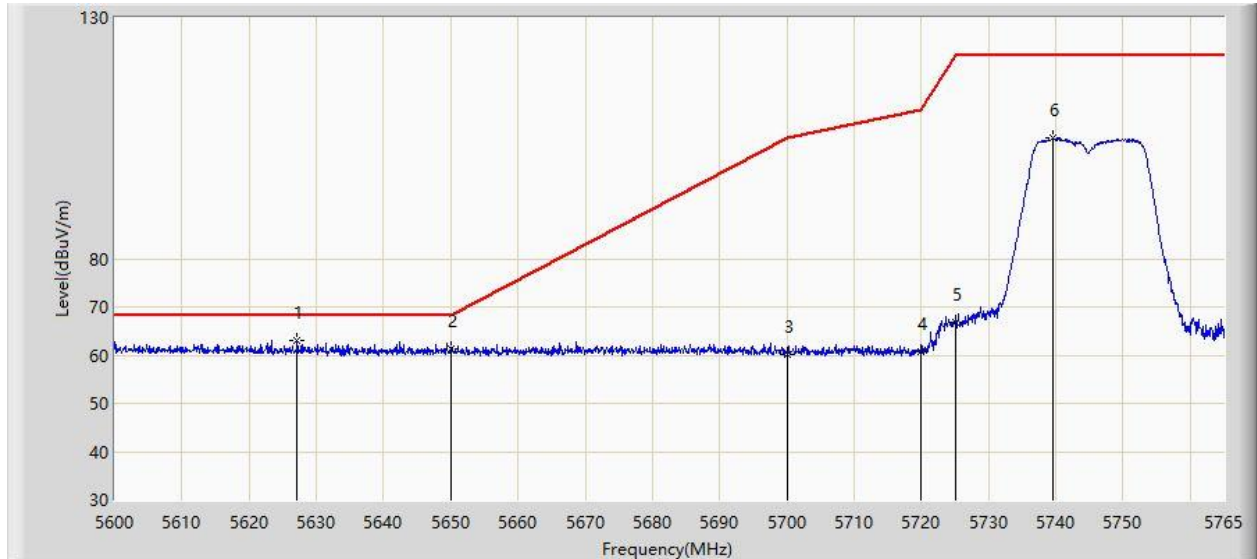


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5625.987	62.902	55.880	-5.298	68.200	7.022	PK
2			5650.000	60.716	53.576	-7.484	68.200	7.140	PK
3			5700.000	60.851	53.636	-44.349	105.200	7.215	PK
4			5720.000	61.436	54.163	-49.364	110.800	7.273	PK
5			5725.000	62.781	55.449	-59.419	122.200	7.332	PK
6			5740.333	98.838	91.409	N/A	N/A	7.430	PK

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

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

Site: AC1	Time: 2020/07/27 - 11:42
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5745MHz Main Antenna	

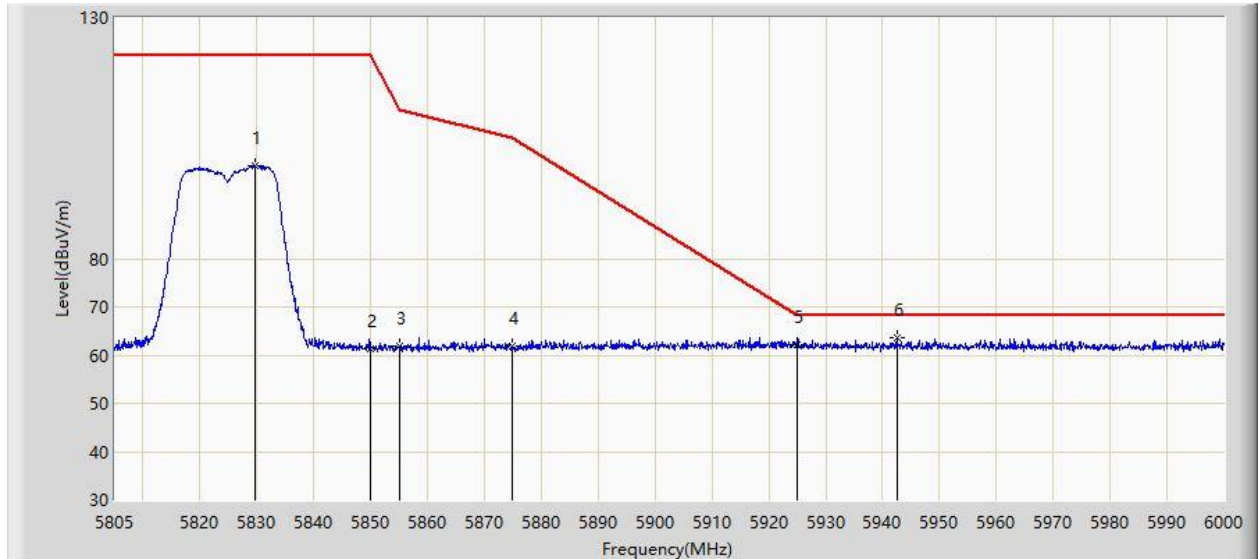


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5627.143	63.183	56.167	-5.017	68.200	7.016	PK
2			5650.000	61.184	54.044	-7.016	68.200	7.140	PK
3			5700.000	60.190	52.975	-45.010	105.200	7.215	PK
4			5720.000	60.742	53.469	-50.058	110.800	7.273	PK
5			5725.000	66.692	59.360	-55.508	122.200	7.332	PK
6			5739.590	105.022	97.597	N/A	N/A	7.425	PK

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

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

Site: AC1	Time: 2020/07/27 - 11:45
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5825MHz Main Antenna	

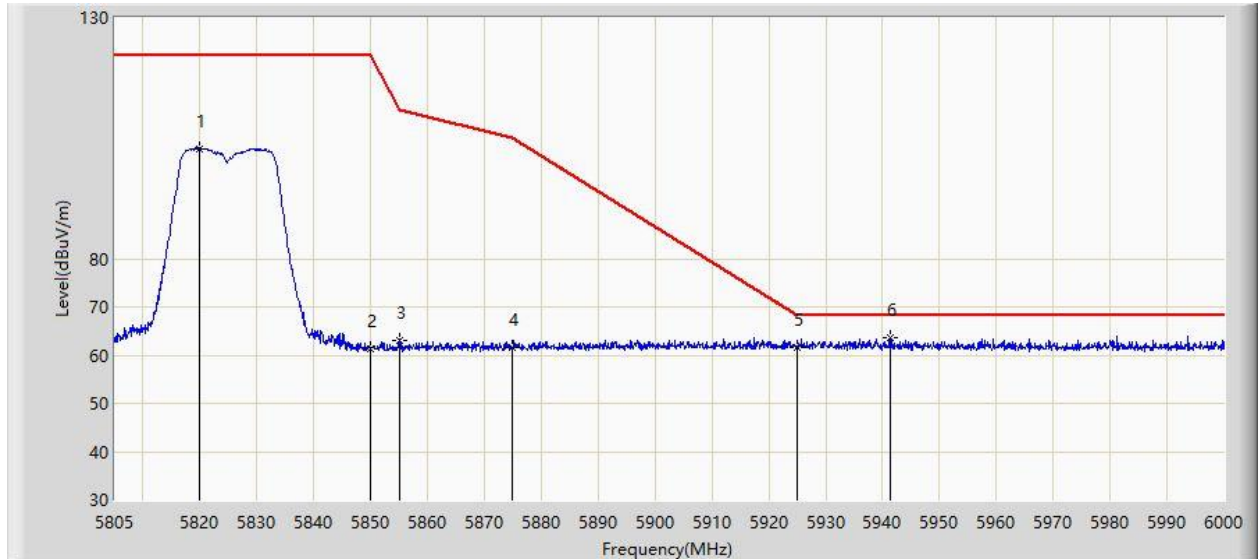


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5829.765	99.147	91.383	N/A	N/A	7.764	PK
2			5850.000	61.369	53.677	-60.831	122.200	7.692	PK
3			5855.000	61.895	54.251	-48.905	110.800	7.644	PK
4			5875.000	61.743	54.141	-43.457	105.200	7.602	PK
5			5925.000	62.277	54.451	-5.923	68.200	7.826	PK
6		*	5942.475	63.697	55.983	-4.503	68.200	7.715	PK

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

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

Site: AC1	Time: 2020/07/27 - 11:48
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5825MHz Main Antenna	

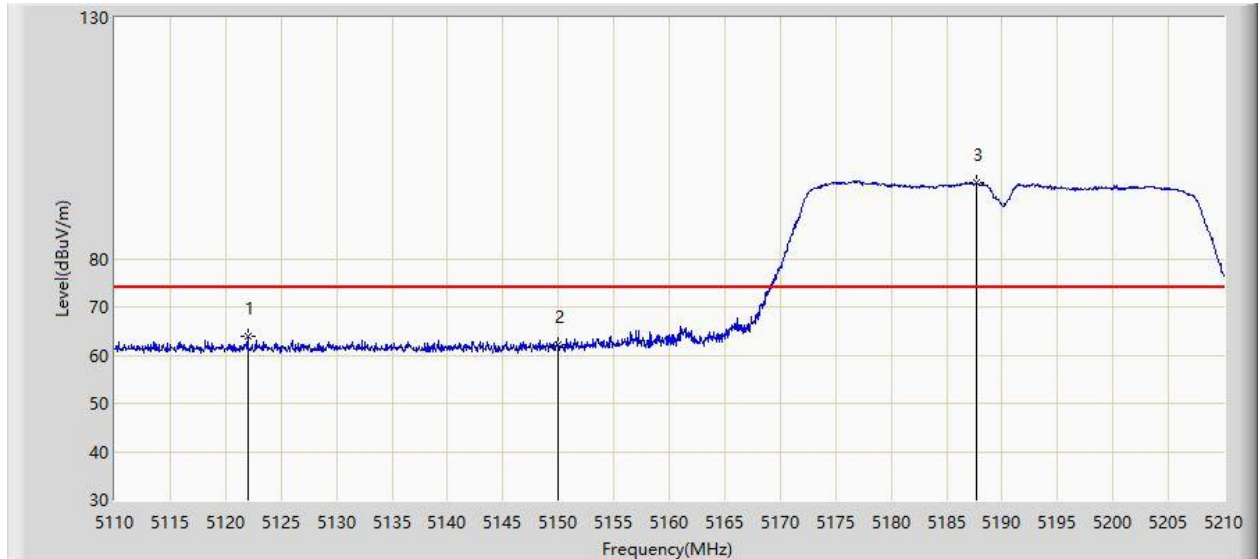


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5820.015	102.869	95.249	N/A	N/A	7.620	PK
2			5850.000	61.409	53.717	-60.791	122.200	7.692	PK
3			5855.000	63.106	55.462	-47.694	110.800	7.644	PK
4			5875.000	61.572	53.970	-43.628	105.200	7.602	PK
5			5925.000	61.677	53.851	-6.523	68.200	7.826	PK
6		*	5941.402	63.507	55.786	-4.693	68.200	7.721	PK

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

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

Site: AC1	Time: 2020/07/27 - 11:52
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5190MHz Main Antenna	

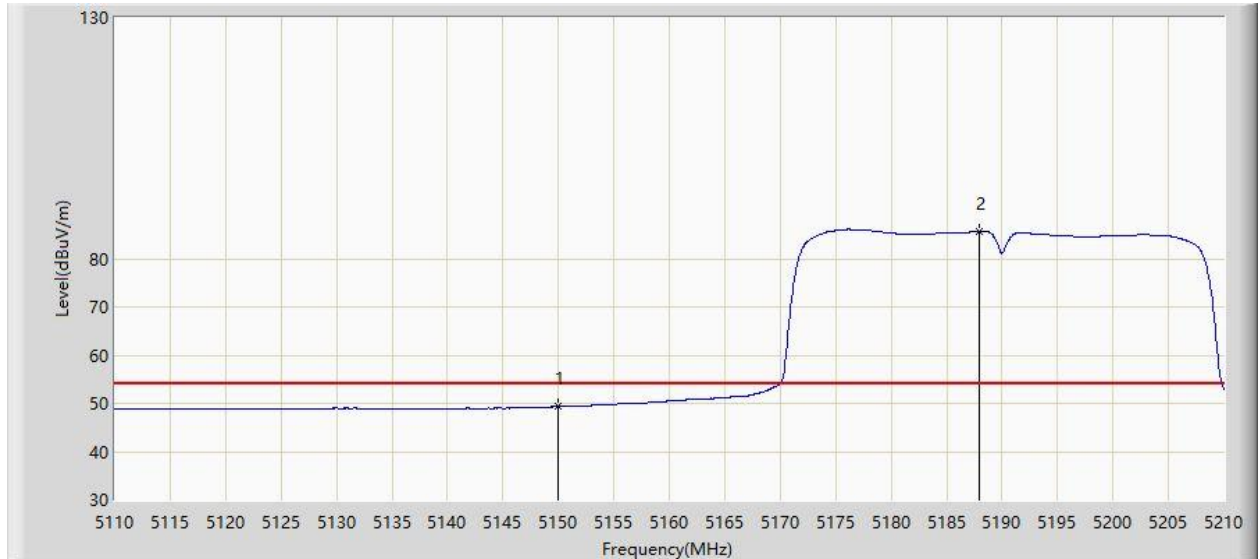


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5122.000	63.772	57.033	-10.228	74.000	6.739	PK
2			5150.000	62.201	55.402	-11.799	74.000	6.799	PK
3		*	5187.650	95.842	89.140	N/A	N/A	6.703	PK

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

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

Site: AC1	Time: 2020/07/27 - 13:27
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5190MHz Main Antenna	

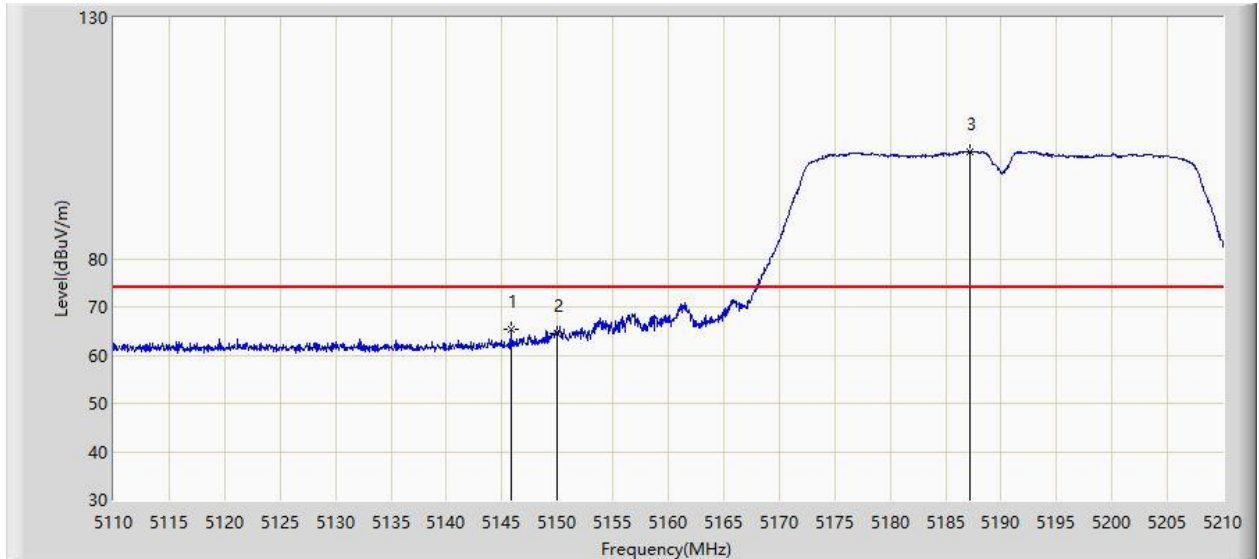


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	49.357	42.558	-4.643	54.000	6.799	AV
2		*	5187.950	85.756	79.059	N/A	N/A	6.698	AV

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

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

Site: AC1	Time: 2020/07/27 - 13:28
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5190MHz Main Antenna	

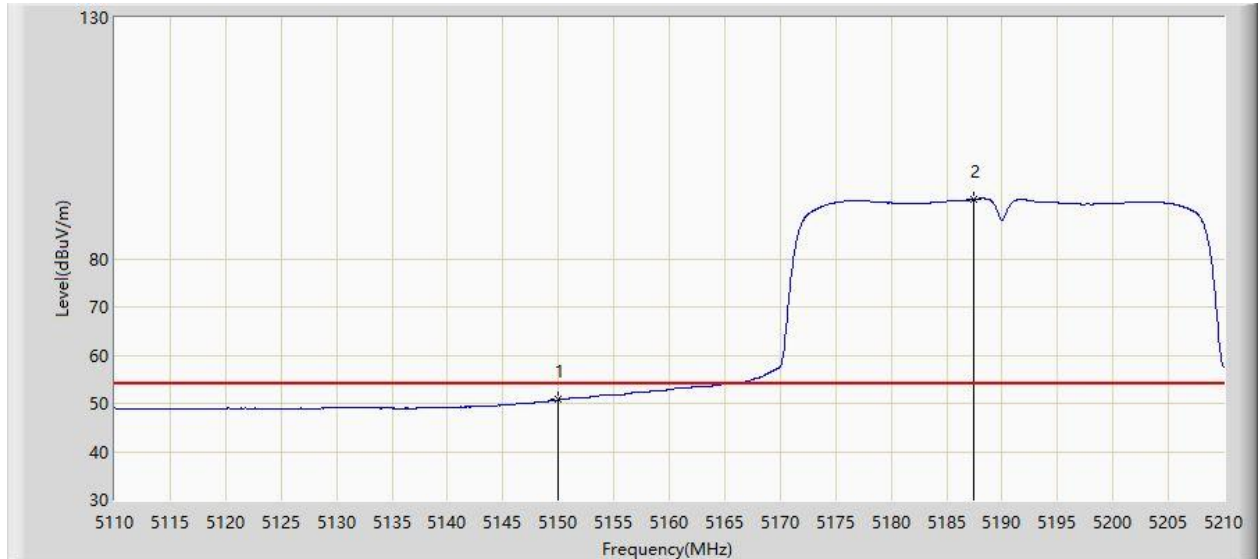


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5145.800	65.258	58.458	-8.742	74.000	6.800	PK
2			5150.000	64.571	57.772	-9.429	74.000	6.799	PK
3		*	5187.250	102.240	95.532	N/A	N/A	6.708	PK

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

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

Site: AC1	Time: 2020/07/27 - 13:31
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5190MHz Main Antenna	

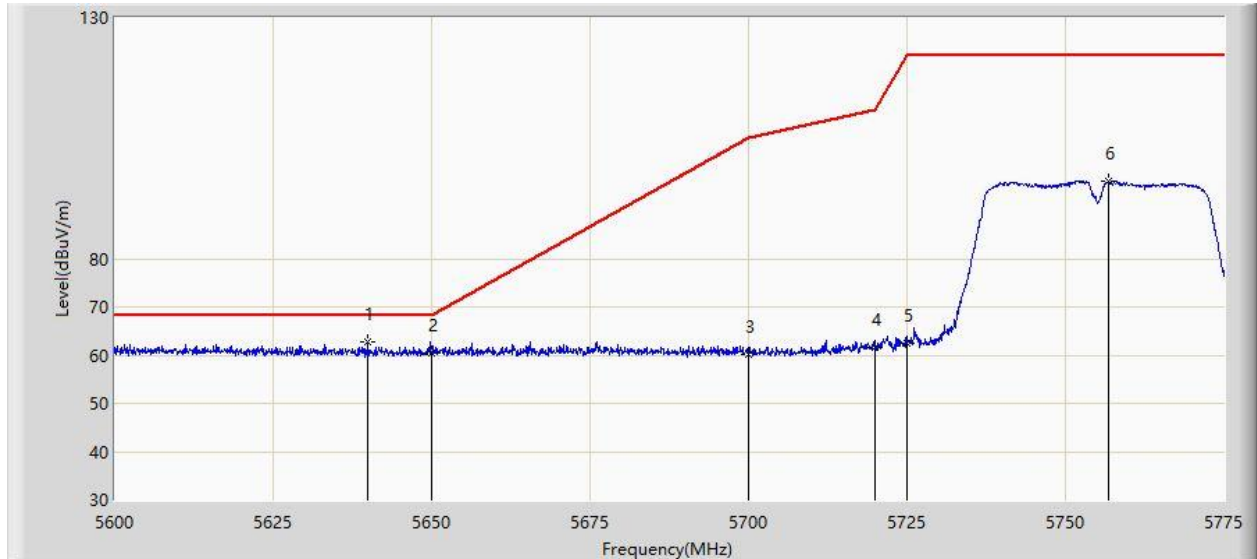


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.734	43.935	-3.266	54.000	6.799	AV
2		*	5187.400	92.274	85.568	N/A	N/A	6.706	AV

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: 2020/07/27 - 13:32
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5755MHz Main Antenna	

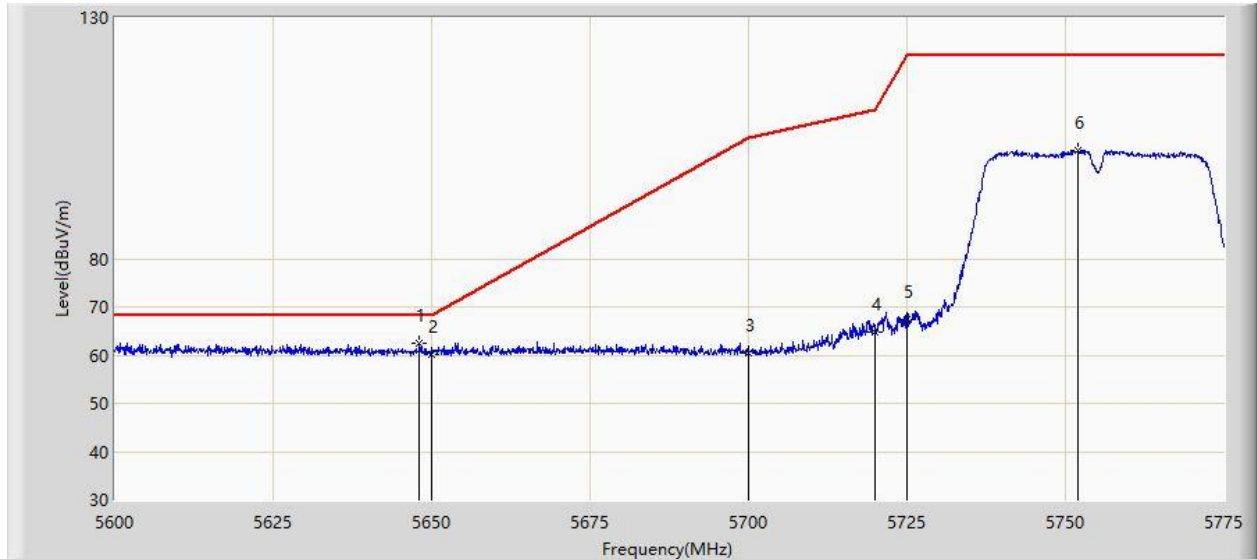


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5639.987	62.812	55.860	-5.388	68.200	6.952	PK
2			5650.000	60.553	53.413	-7.647	68.200	7.140	PK
3			5700.000	60.251	53.036	-44.949	105.200	7.215	PK
4			5720.000	61.725	54.452	-49.075	110.800	7.273	PK
5			5725.000	62.601	55.269	-59.599	122.200	7.332	PK
6			5756.712	96.096	88.665	N/A	N/A	7.431	PK

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

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

Site: AC1	Time: 2020/07/27 - 13:35
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5755MHz Main Antenna	

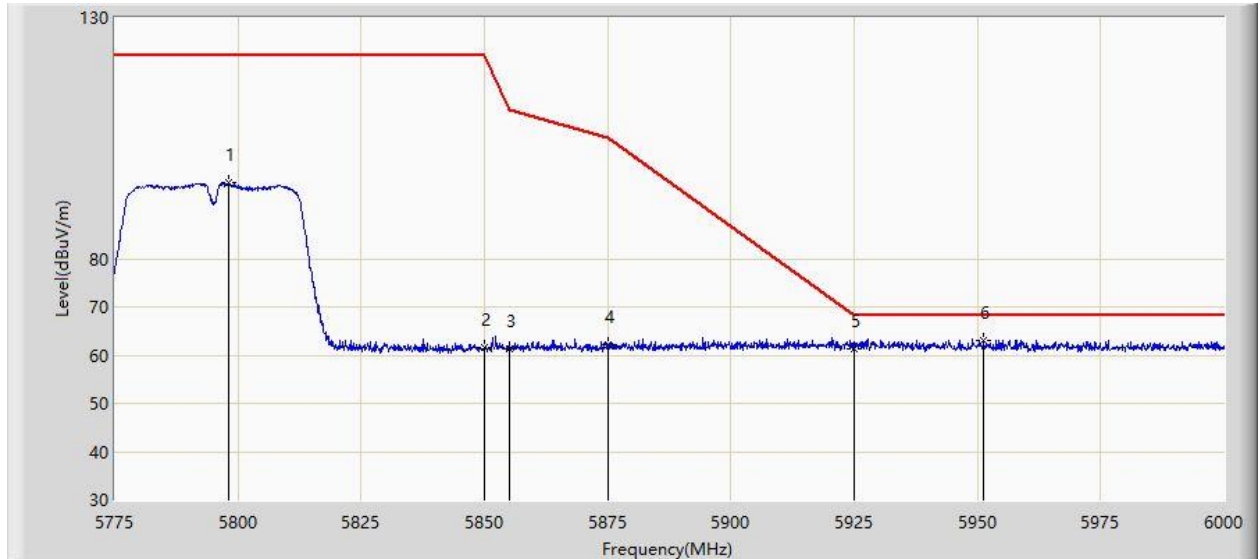


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5648.125	62.323	55.223	-5.877	68.200	7.100	PK
2			5650.000	60.242	53.102	-7.958	68.200	7.140	PK
3			5700.000	60.382	53.167	-44.818	105.200	7.215	PK
4			5720.000	64.693	57.420	-46.107	110.800	7.273	PK
5			5725.000	67.463	60.131	-54.737	122.200	7.332	PK
6			5752.075	102.559	95.123	N/A	N/A	7.436	PK

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

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

Site: AC1	Time: 2020/07/27 - 13:38
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5795MHz Main Antenna	

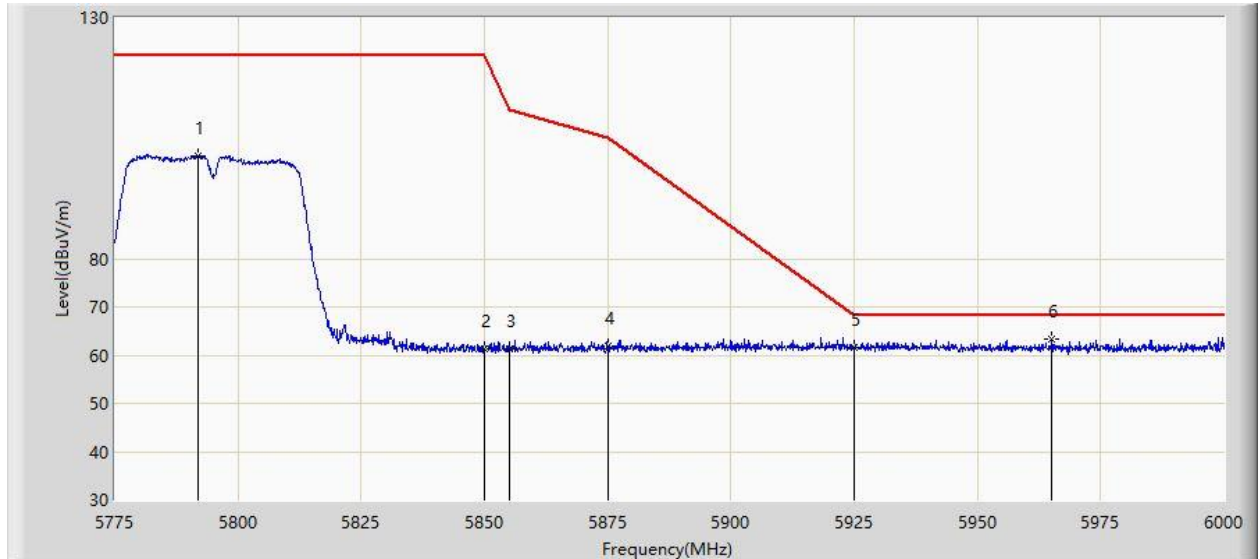


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5798.062	95.711	88.232	N/A	N/A	7.479	PK
2			5850.000	61.501	53.809	-60.699	122.200	7.692	PK
3			5855.000	61.239	53.595	-49.561	110.800	7.644	PK
4			5875.000	62.031	54.429	-43.169	105.200	7.602	PK
5			5925.000	61.358	53.532	-6.842	68.200	7.826	PK
6		*	5951.288	63.087	55.423	-5.113	68.200	7.664	PK

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

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

Site: AC1	Time: 2020/07/27 - 13:42
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5795MHz Main Antenna	

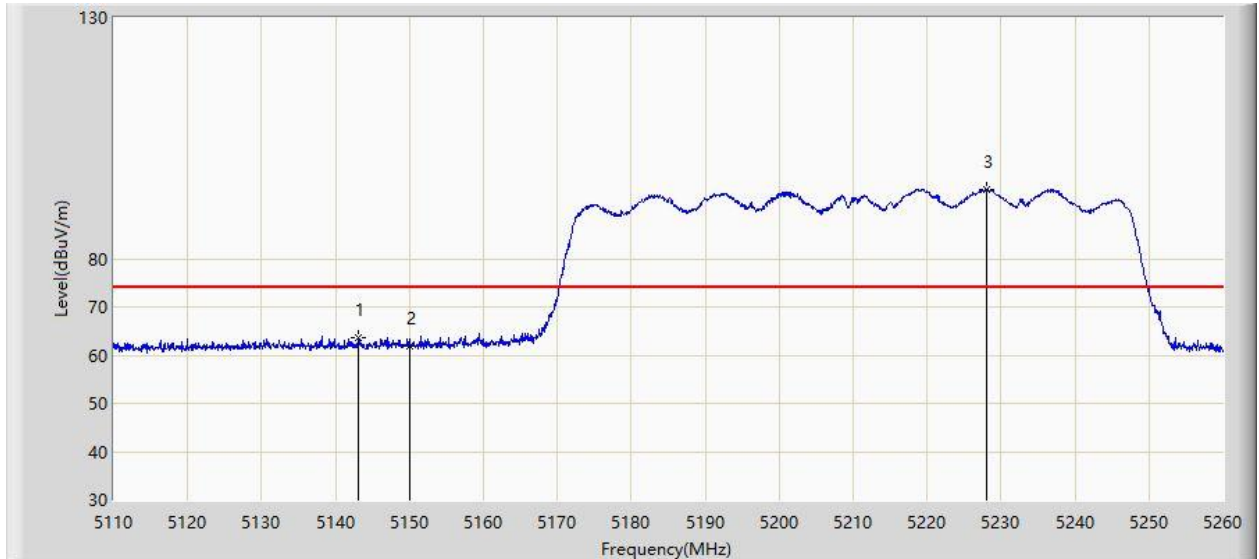


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5791.987	101.357	93.861	N/A	N/A	7.497	PK
2			5850.000	61.248	53.556	-60.952	122.200	7.692	PK
3			5855.000	61.313	53.669	-49.487	110.800	7.644	PK
4			5875.000	61.743	54.141	-43.457	105.200	7.602	PK
5			5925.000	61.542	53.716	-6.658	68.200	7.826	PK
6		*	5965.125	63.351	55.735	-4.849	68.200	7.616	PK

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

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

Site: AC1	Time: 2020/07/27 - 13:45
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5210MHz Main Antenna	

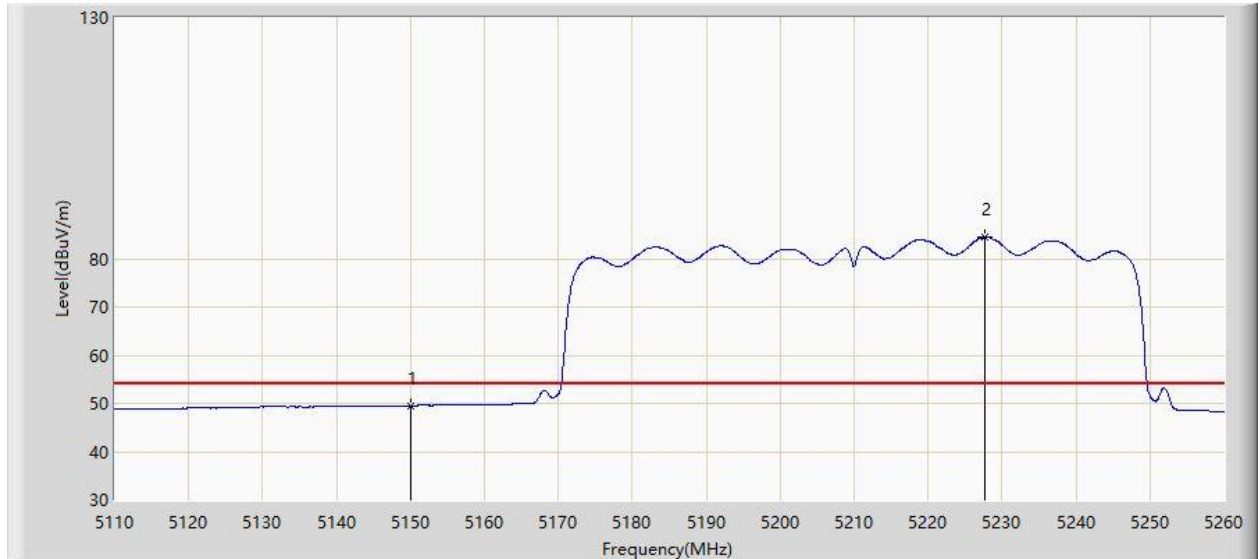


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5143.150	63.490	56.679	-10.510	74.000	6.810	PK
2			5150.000	61.780	54.981	-12.220	74.000	6.799	PK
3		*	5228.050	94.452	87.782	N/A	N/A	6.670	PK

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

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

Site: AC1	Time: 2020/07/27 - 13:48
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5210MHz Main Antenna	

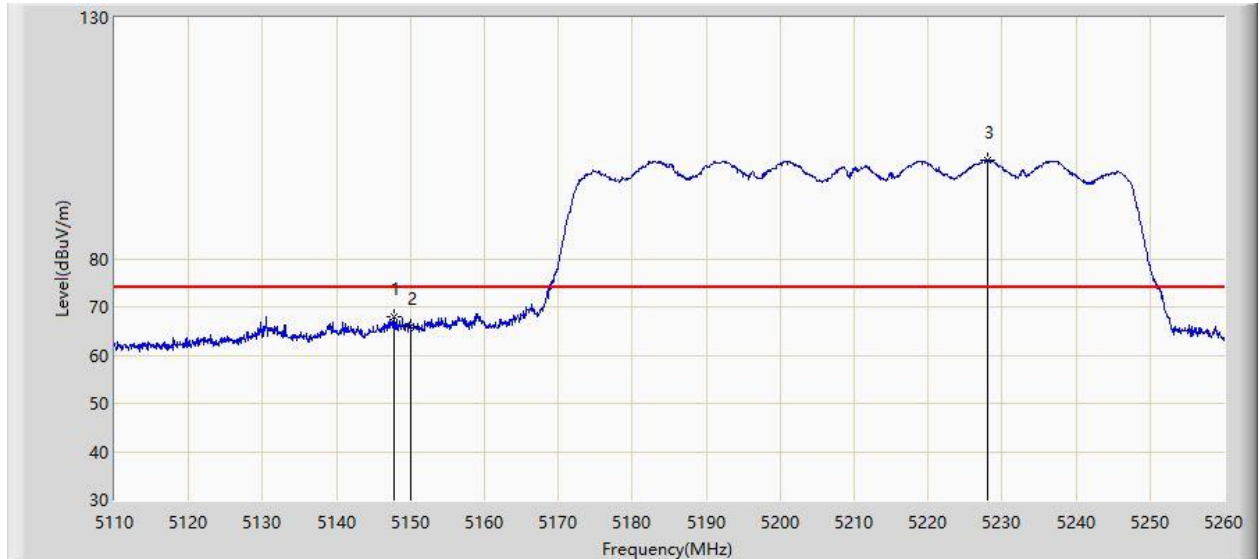


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	49.526	42.727	-4.474	54.000	6.799	AV
2		*	5227.750	84.516	77.852	N/A	N/A	6.665	AV

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

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

Site: AC1	Time: 2020/07/27 - 13:49
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5210MHz Main Antenna	

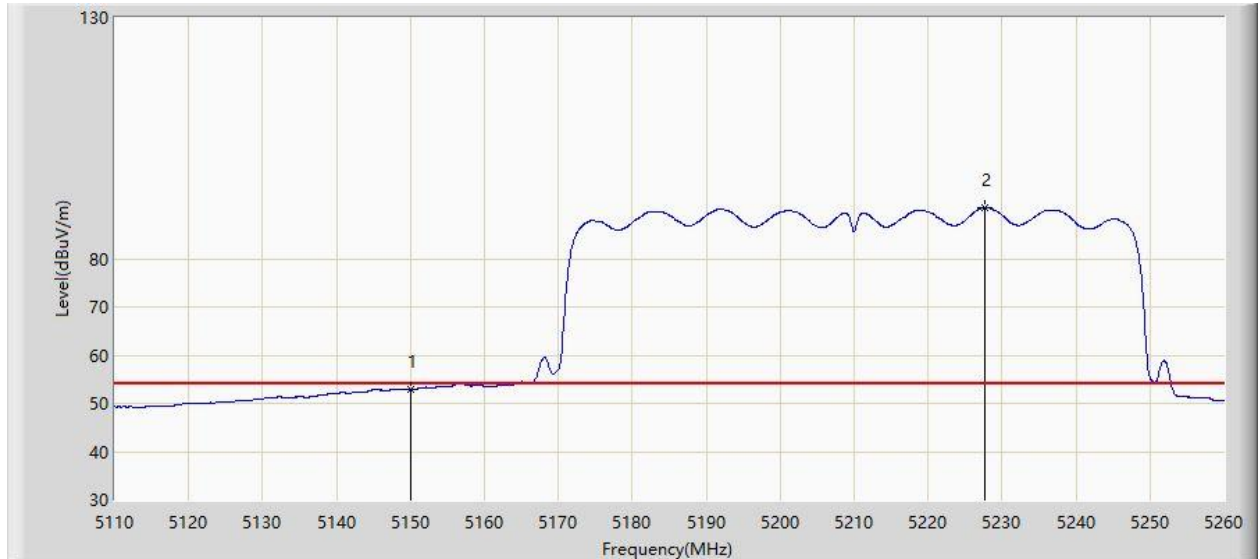


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.800	68.109	61.317	-5.891	74.000	6.793	PK
2			5150.000	65.931	59.132	-8.069	74.000	6.799	PK
3		*	5228.050	100.357	93.687	N/A	N/A	6.670	PK

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

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

Site: AC1	Time: 2020/07/27 - 13:52
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5210MHz Main Antenna	

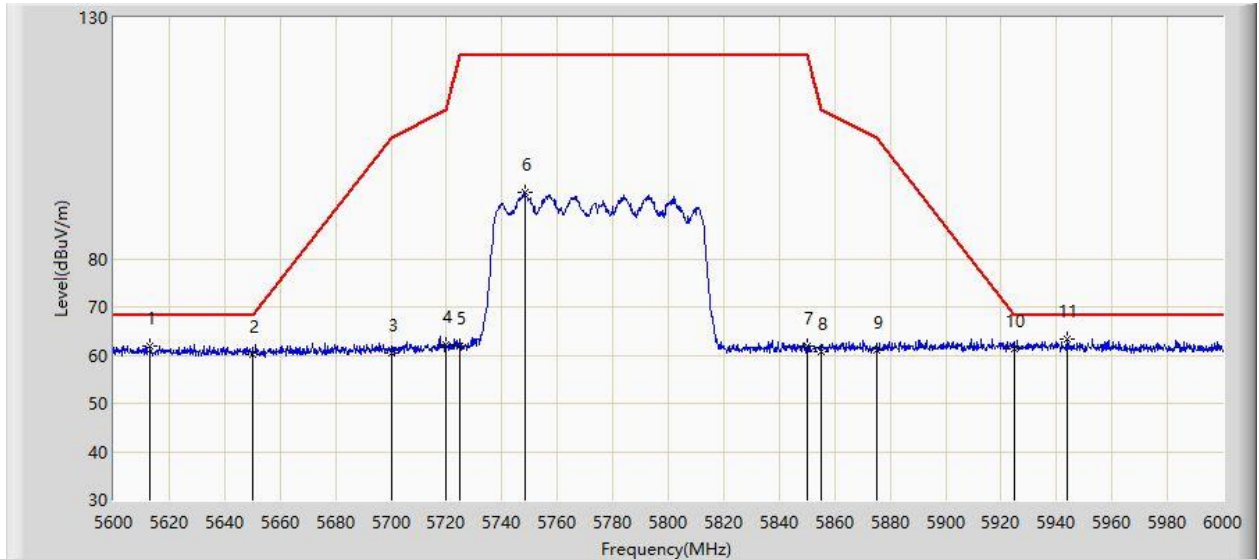


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	52.938	46.139	-1.062	54.000	6.799	AV
2		*	5227.750	90.662	83.998	N/A	N/A	6.665	AV

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

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

Site: AC1	Time: 2020/07/27 - 13:53
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5775MHz Main Antenna	

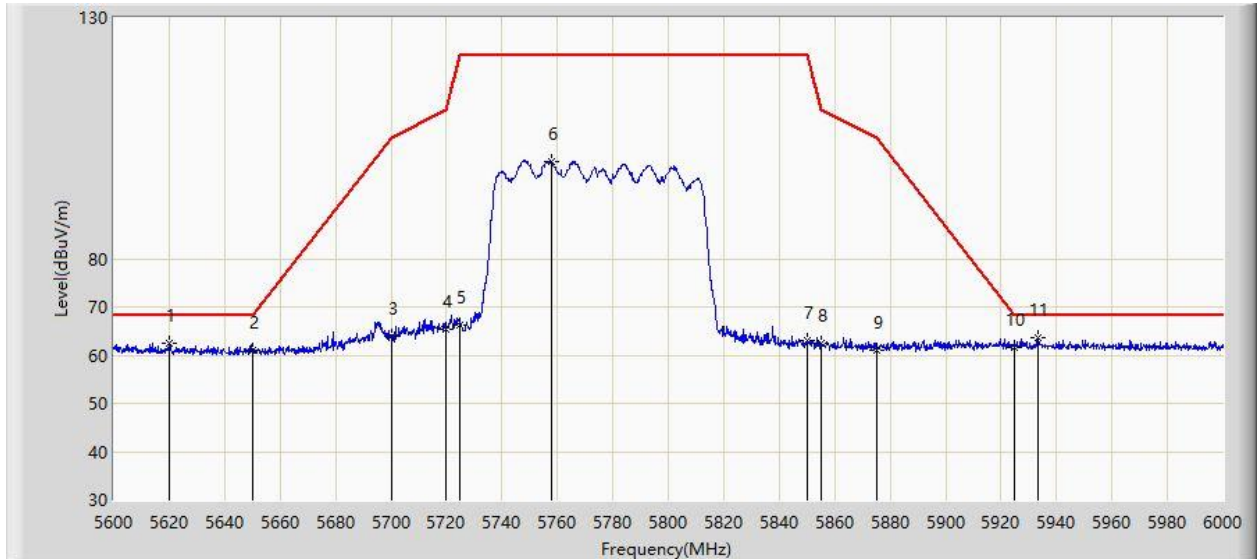


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5613.000	61.885	54.827	-6.315	68.200	7.057	PK
2			5650.000	60.239	53.099	-7.961	68.200	7.140	PK
3			5700.000	60.573	53.358	-44.627	105.200	7.215	PK
4			5720.000	62.258	54.985	-48.542	110.800	7.273	PK
5			5725.000	61.763	54.431	-60.437	122.200	7.332	PK
6			5748.200	93.882	86.442	N/A	N/A	7.440	PK
7			5850.000	62.013	54.321	-60.187	122.200	7.692	PK
8			5855.000	60.791	53.147	-50.009	110.800	7.644	PK
9			5875.000	60.940	53.338	-44.260	105.200	7.602	PK
10			5925.000	61.399	53.573	-6.801	68.200	7.826	PK
11		*	5943.800	63.455	55.750	-4.745	68.200	7.704	PK

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

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

Site: AC1	Time: 2020/07/27 - 13:58
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5775MHz Main Antenna	

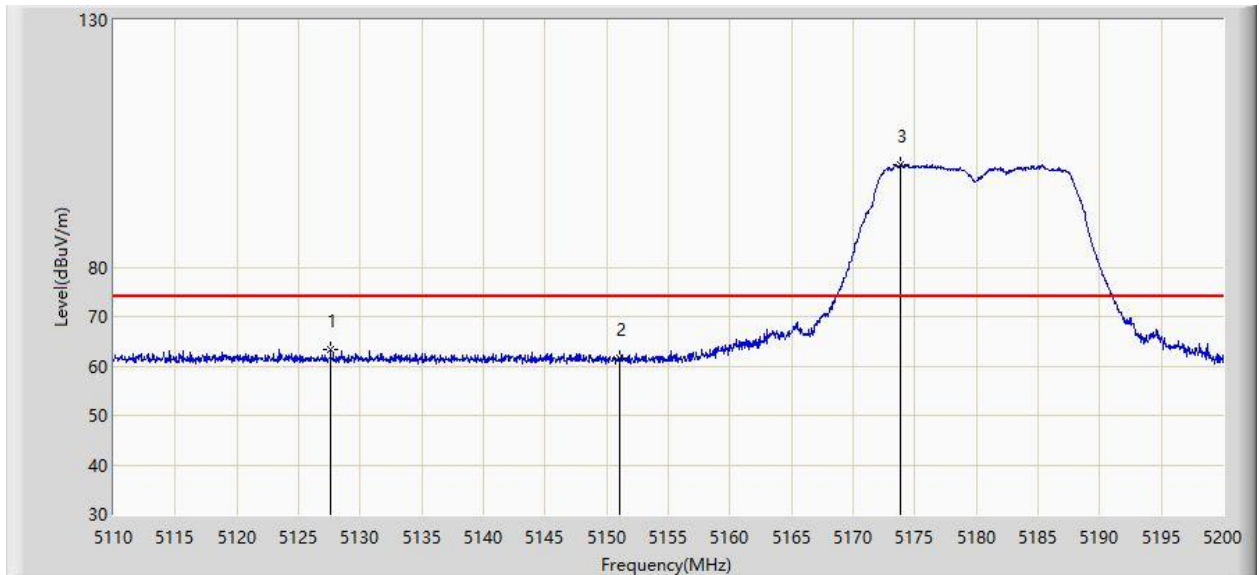


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5620.000	62.515	55.474	-5.685	68.200	7.041	PK
2			5650.000	61.132	53.992	-7.068	68.200	7.140	PK
3			5700.000	64.024	56.809	-41.176	105.200	7.215	PK
4			5720.000	65.377	58.104	-45.423	110.800	7.273	PK
5			5725.000	66.367	59.035	-55.833	122.200	7.332	PK
6			5757.800	100.248	92.818	N/A	N/A	7.430	PK
7			5850.000	63.138	55.446	-59.062	122.200	7.692	PK
8			5855.000	62.417	54.773	-48.383	110.800	7.644	PK
9			5875.000	61.047	53.445	-44.153	105.200	7.602	PK
10			5925.000	61.690	53.864	-6.510	68.200	7.826	PK
11		*	5933.200	63.727	55.948	-4.473	68.200	7.778	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: 2020/08/07 - 13:29
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz Aux Antenna	

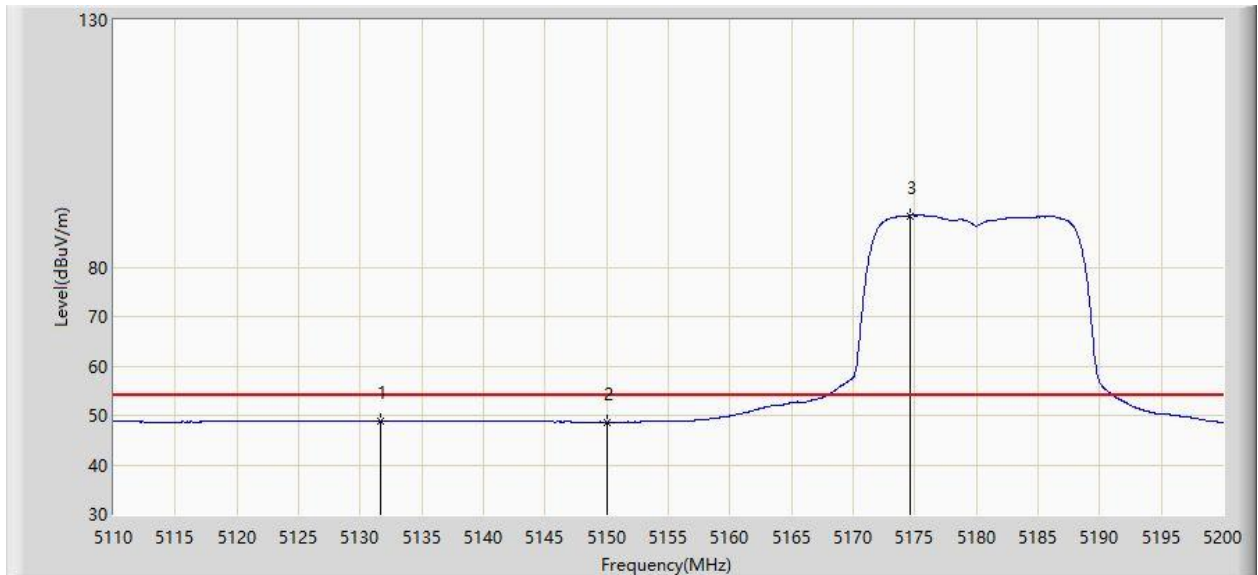


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5127.595	63.196	56.530	-10.804	74.000	6.666	PK
2			5151.000	61.482	55.032	-12.518	74.000	6.450	PK
3		*	5173.810	100.748	94.275	N/A	N/A	6.473	PK

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

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

Site: AC1	Time: 2020/08/08 - 09:24
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz Aux Antenna	

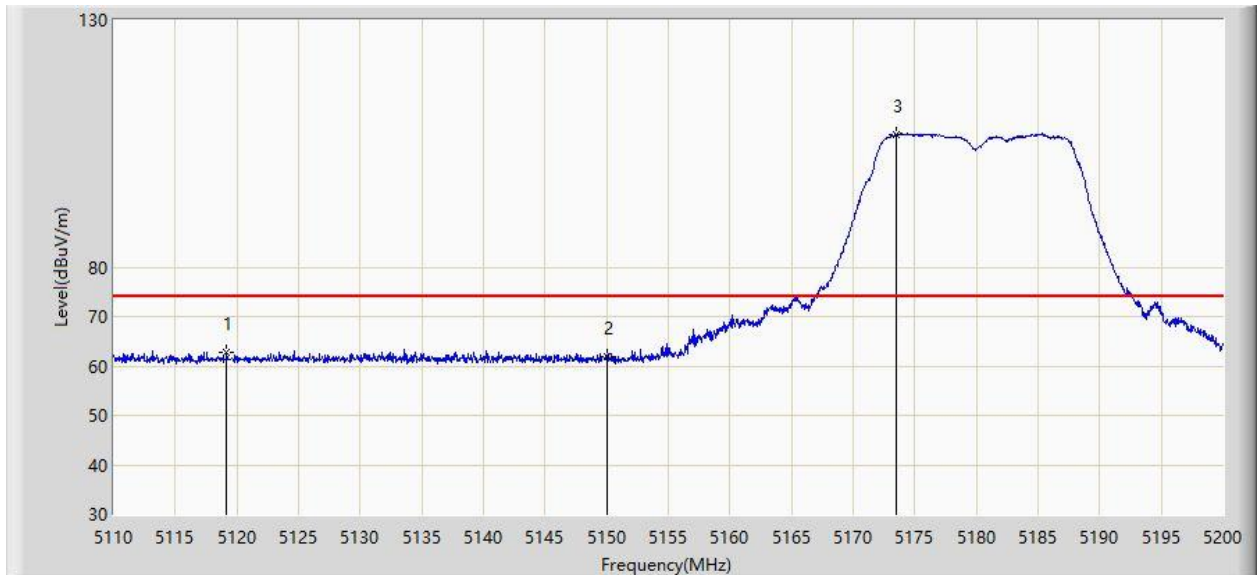


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5131.645	48.849	42.108	-5.151	54.000	6.742	AV
2			5150.000	48.649	42.197	-5.351	54.000	6.452	AV
3		*	5174.575	90.423	83.945	N/A	N/A	6.479	AV

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

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

Site: AC1	Time: 2020/08/08 - 09:24
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz Aux Antenna	

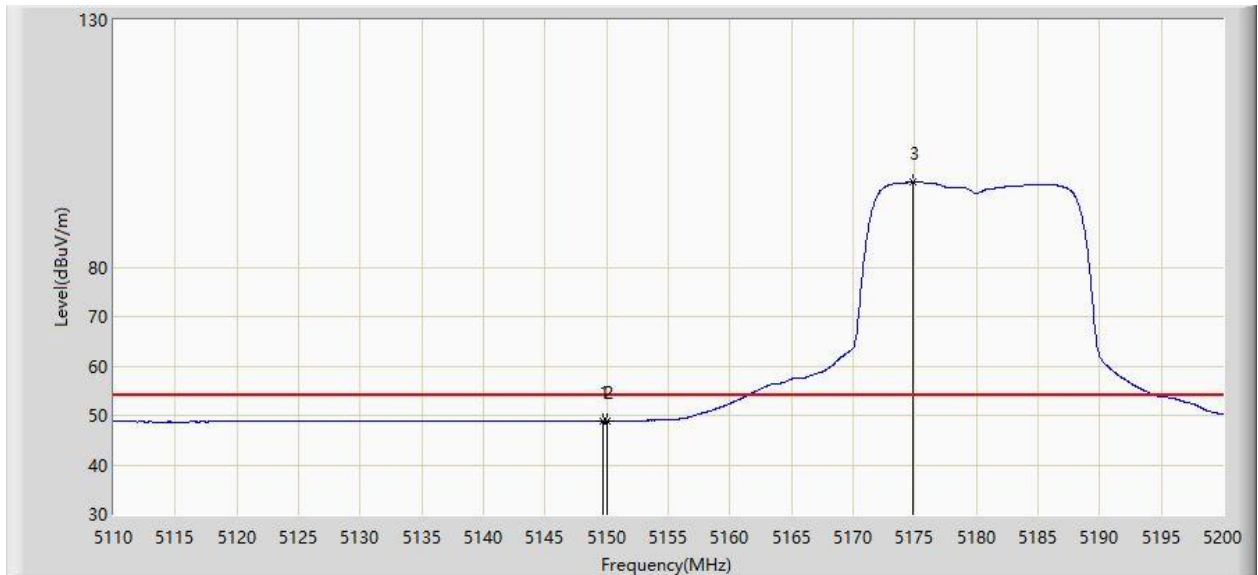


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5119.135	62.845	56.504	-11.155	74.000	6.341	PK
2			5150.000	61.924	55.472	-12.076	74.000	6.452	PK
3		*	5173.495	106.897	100.426	N/A	N/A	6.471	PK

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

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

Site: AC1	Time: 2020/08/08 - 09:27
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz Aux Antenna	

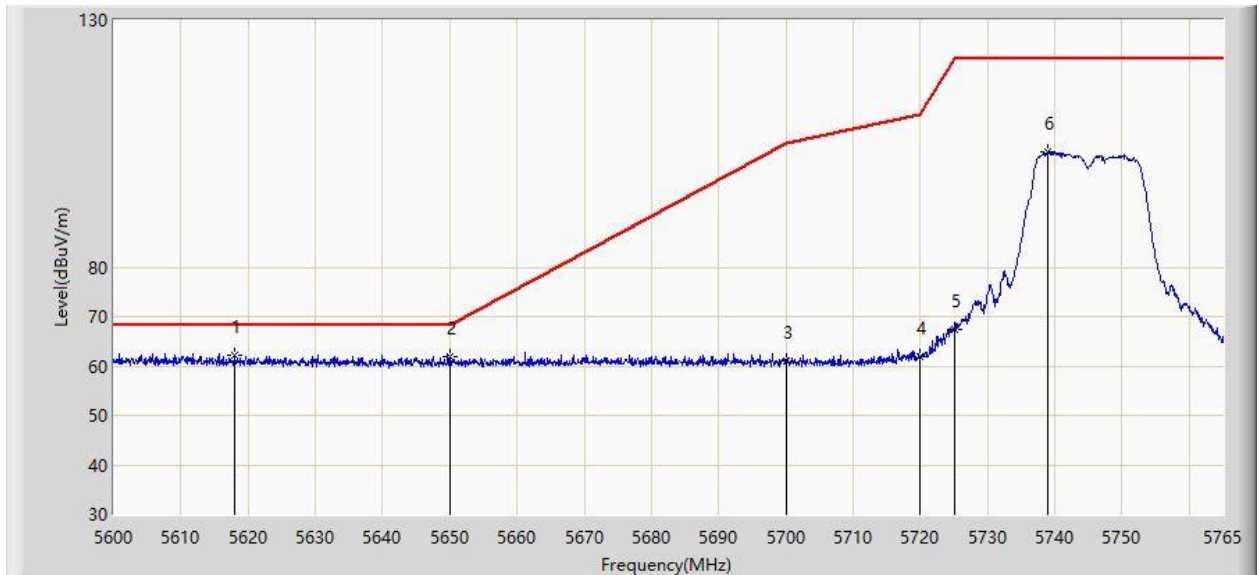


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.735	48.819	42.367	-5.181	54.000	6.452	AV
2			5150.000	48.814	42.362	-5.186	54.000	6.452	AV
3		*	5174.890	97.199	90.718	N/A	N/A	6.481	AV

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: 2020/08/08 - 09:30
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5745MHz Aux Antenna	

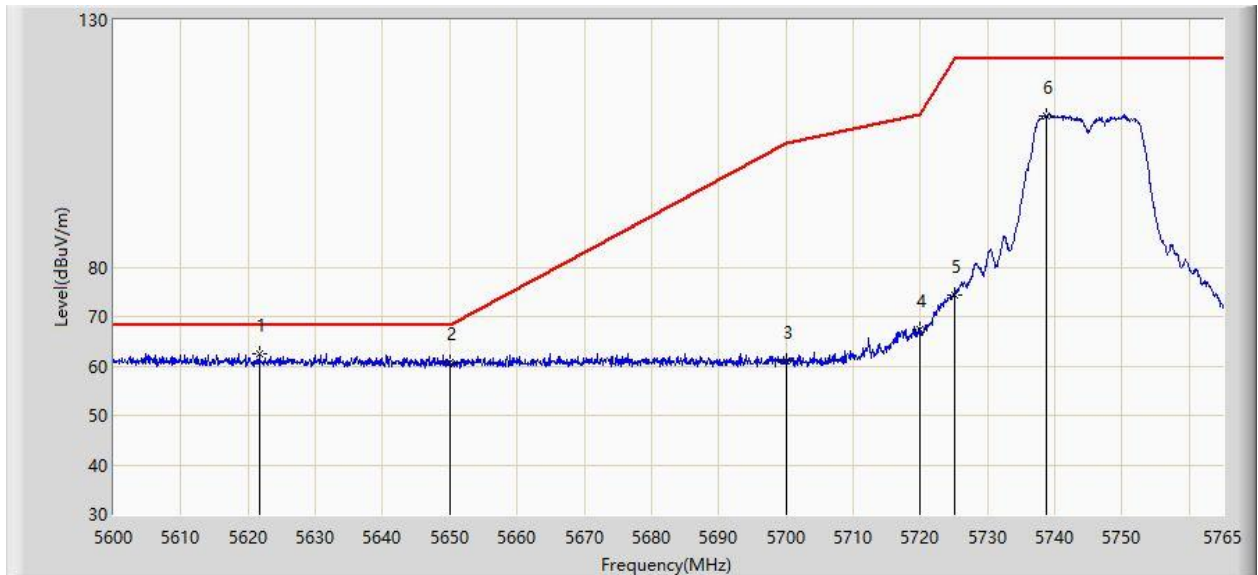


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5617.902	62.310	55.856	-5.890	68.200	6.455	PK
2			5650.000	61.859	55.600	-6.341	68.200	6.258	PK
3			5700.000	61.137	54.712	-44.063	105.200	6.426	PK
4			5720.000	61.846	55.461	-48.954	110.800	6.386	PK
5			5725.000	67.268	60.844	-54.932	122.200	6.424	PK
6			5738.930	103.298	96.612	N/A	N/A	6.686	PK

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

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

Site: AC1	Time: 2020/08/08 - 09:35
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5745MHz Aux Antenna	

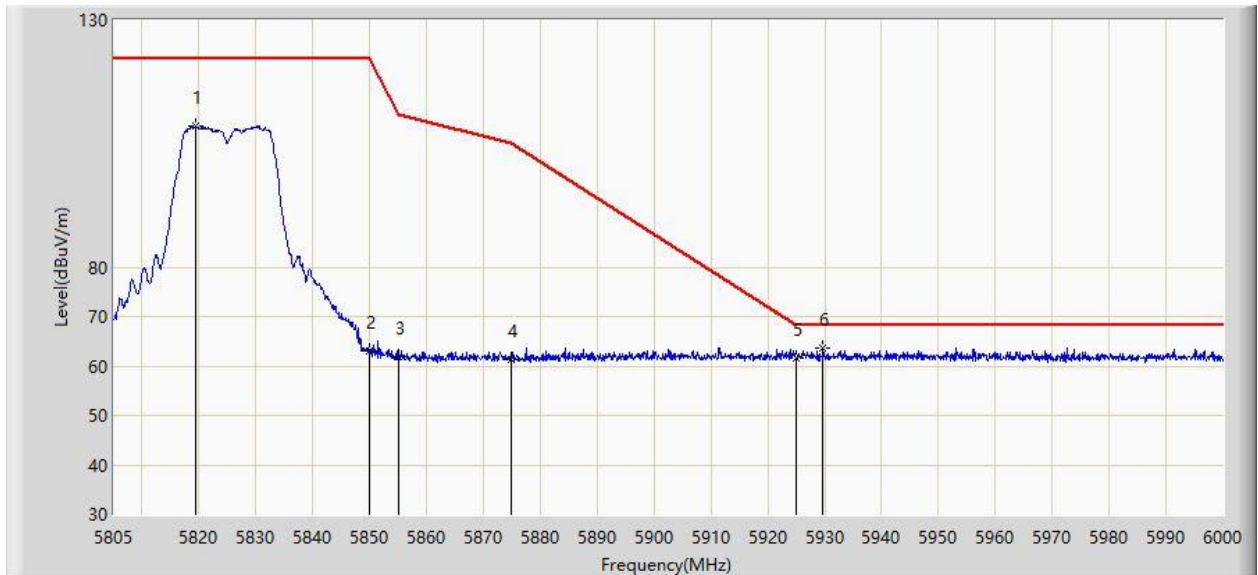


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5621.615	62.492	56.142	-5.708	68.200	6.350	PK
2			5650.000	60.782	54.523	-7.418	68.200	6.258	PK
3			5700.000	61.155	54.730	-44.045	105.200	6.426	PK
4			5720.000	67.274	60.889	-43.526	110.800	6.386	PK
5			5725.000	74.336	67.912	-47.864	122.200	6.424	PK
6			5738.765	110.704	104.022	N/A	N/A	6.683	PK

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

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

Site: AC1	Time: 2020/08/08 - 09:38
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5825MHz Aux Antenna	

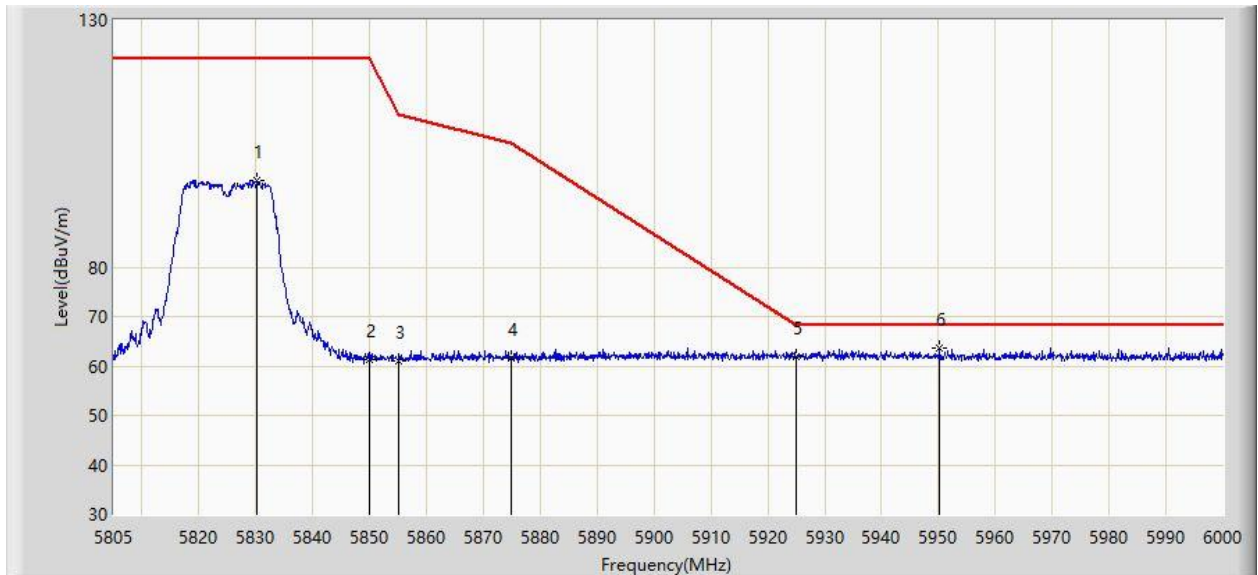


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5819.430	108.512	101.567	N/A	N/A	6.945	PK
2			5850.000	63.032	56.224	-59.168	122.200	6.808	PK
3			5855.000	61.852	55.032	-48.948	110.800	6.820	PK
4			5875.000	61.368	54.450	-43.832	105.200	6.918	PK
5			5925.000	61.617	54.520	-6.583	68.200	7.097	PK
6		*	5929.703	63.677	56.521	-4.523	68.200	7.156	PK

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

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

Site: AC1	Time: 2020/08/08 - 09:45
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5825MHz Aux Antenna	

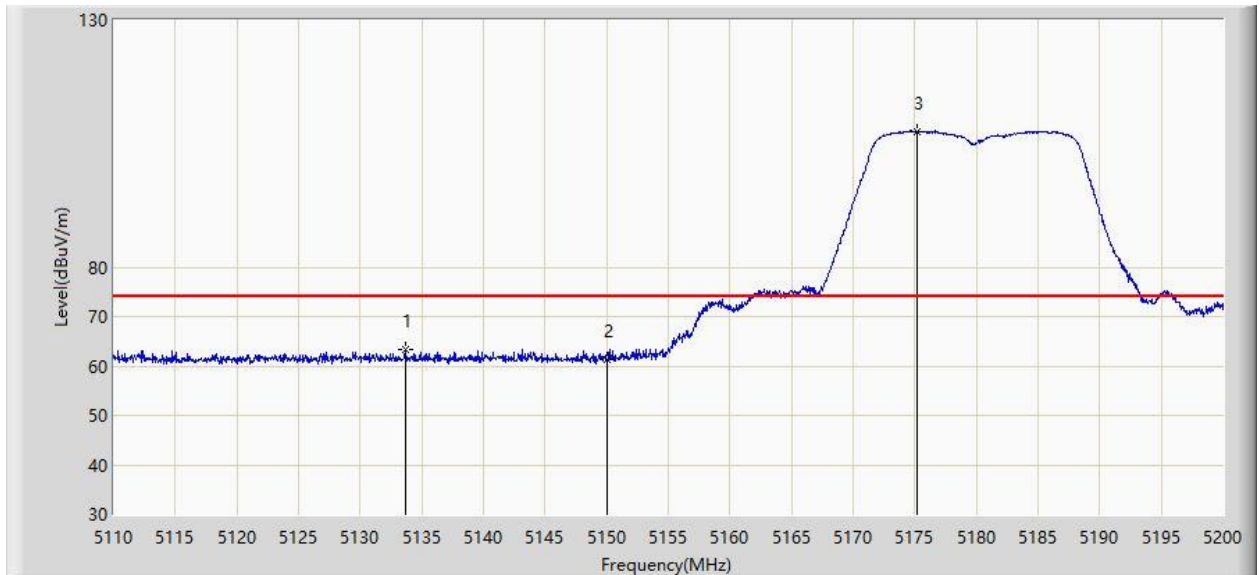


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5830.252	97.651	90.574	N/A	N/A	7.076	PK
2			5850.000	61.442	54.634	-60.758	122.200	6.808	PK
3			5855.000	61.086	54.266	-49.714	110.800	6.820	PK
4			5875.000	61.623	54.705	-43.577	105.200	6.918	PK
5			5925.000	62.013	54.916	-6.187	68.200	7.097	PK
6		*	5950.178	63.749	56.676	-4.451	68.200	7.073	PK

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

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

Site: AC1	Time: 2020/08/08 - 09:48
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Aux Antenna	

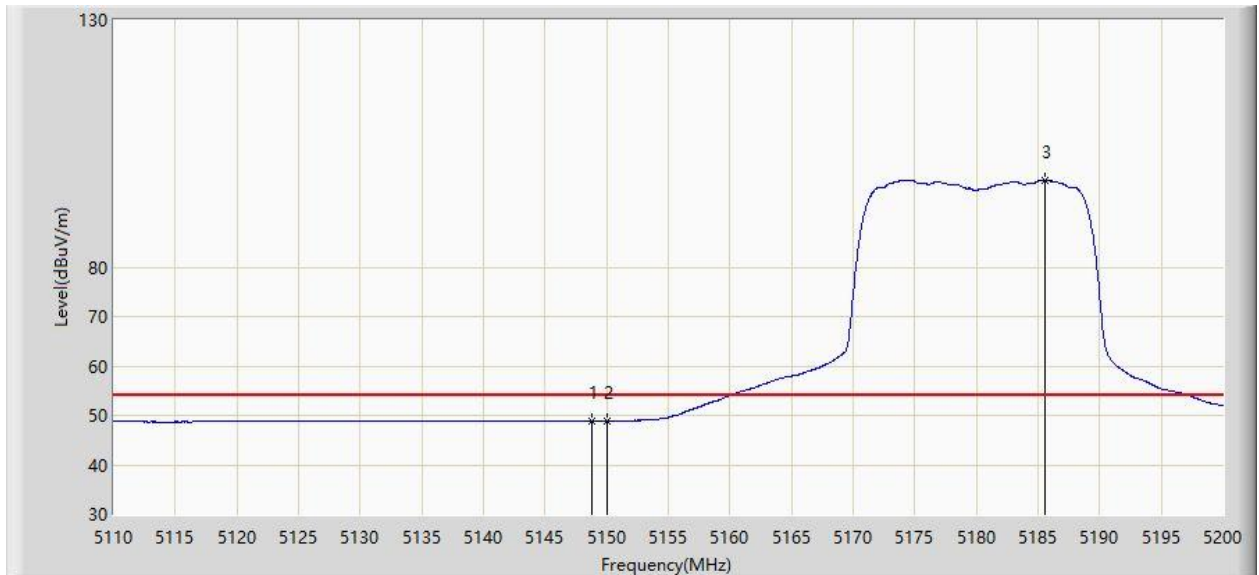


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5133.670	63.450	56.744	-10.550	74.000	6.705	PK
2			5150.000	61.173	54.721	-12.827	74.000	6.452	PK
3		*	5175.160	107.511	101.029	N/A	N/A	6.482	PK

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

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

Site: AC1	Time: 2020/08/08 - 09:54
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Aux Antenna	

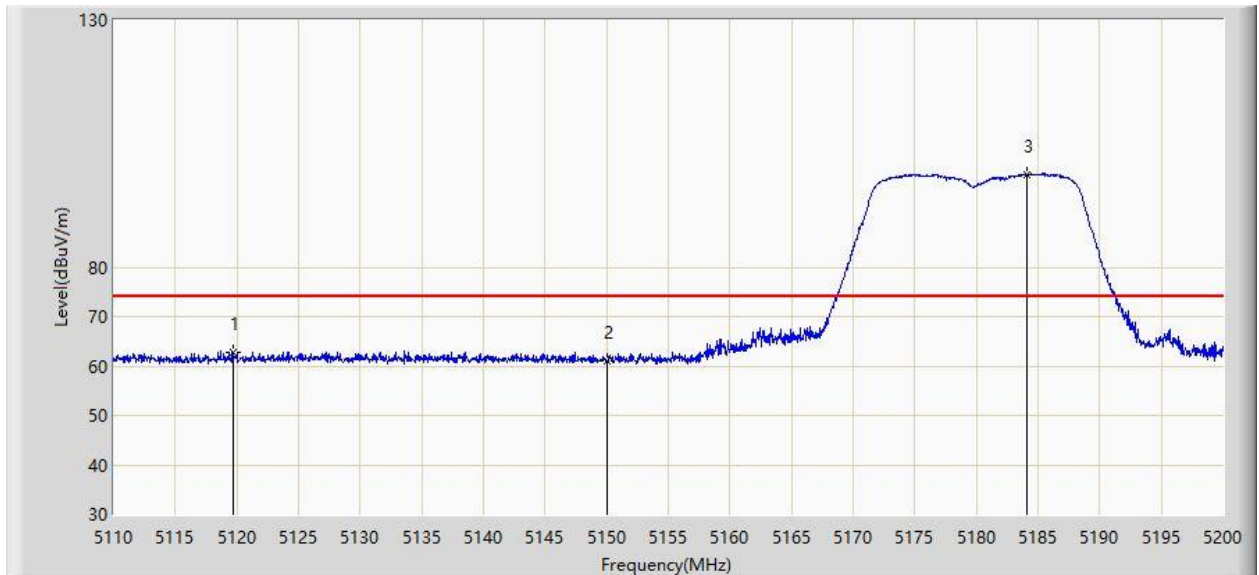


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.835	48.875	42.422	-5.125	54.000	6.454	AV
2			5150.000	48.859	42.407	-5.141	54.000	6.452	AV
3		*	5185.555	97.589	91.082	N/A	N/A	6.506	AV

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

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

Site: AC1	Time: 2020/08/08 - 09:55
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Aux Antenna	

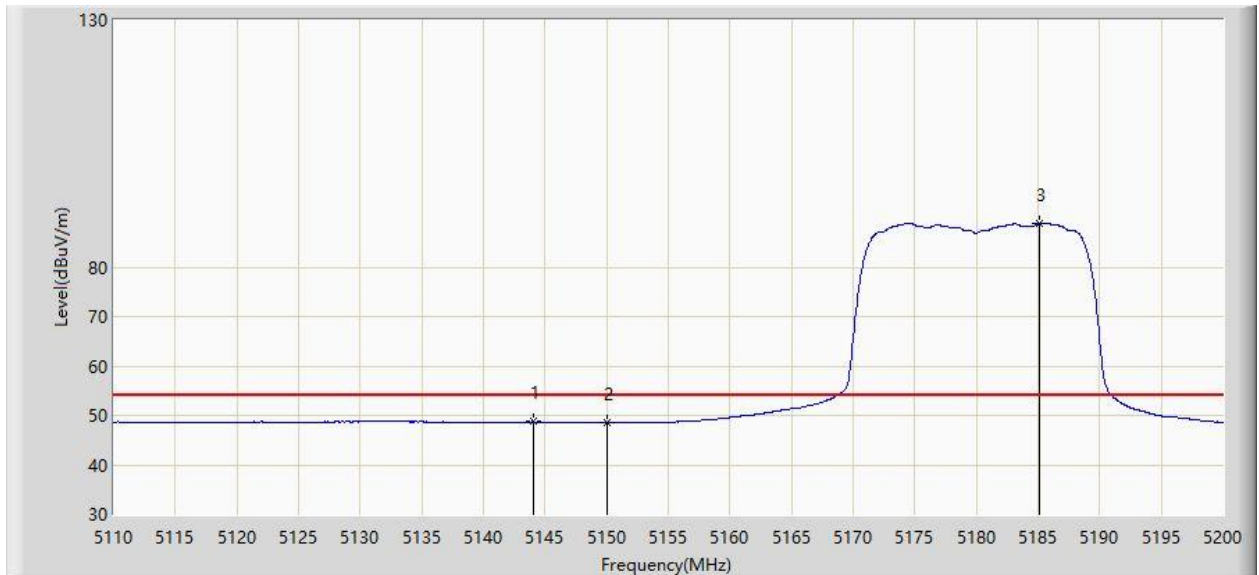


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5119.675	62.769	56.408	-11.231	74.000	6.362	PK
2			5150.000	60.961	54.509	-13.039	74.000	6.452	PK
3		*	5184.115	98.837	92.312	N/A	N/A	6.525	PK

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

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

Site: AC1	Time: 2020/08/08 - 09:58
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Aux Antenna	

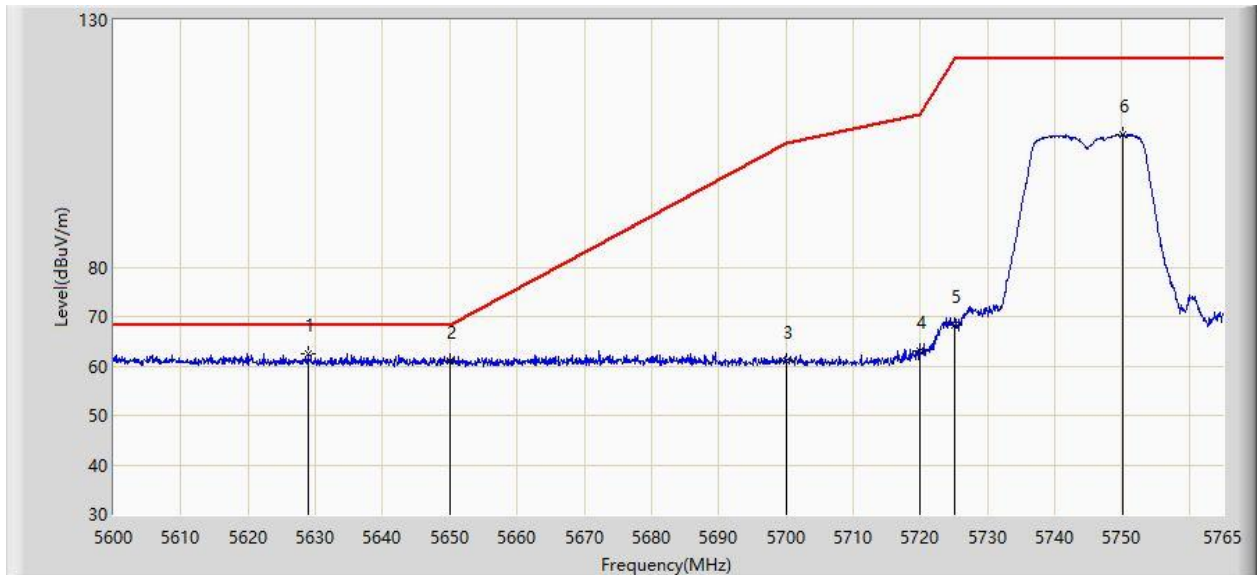


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5144.020	48.699	42.175	-5.301	54.000	6.524	AV
2			5150.000	48.517	42.065	-5.483	54.000	6.452	AV
3		*	5185.060	88.871	82.358	N/A	N/A	6.513	AV

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

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

Site: AC1	Time: 2020/08/08 - 10:00
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Aux Antenna	

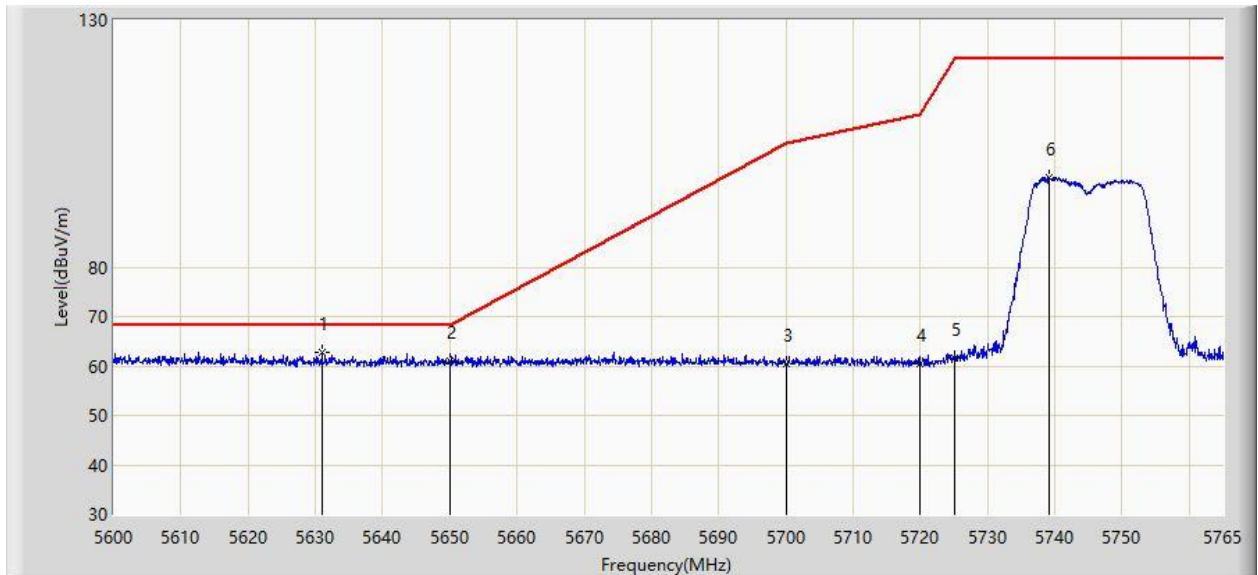


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5628.958	62.479	56.323	-5.721	68.200	6.156	PK
2			5650.000	60.949	54.690	-7.251	68.200	6.258	PK
3			5700.000	60.967	54.542	-44.233	105.200	6.426	PK
4			5720.000	62.970	56.585	-47.830	110.800	6.386	PK
5			5725.000	68.322	61.898	-53.878	122.200	6.424	PK
6			5750.067	106.865	100.067	N/A	N/A	6.798	PK

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

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

Site: AC1	Time: 2020/08/08 - 10:04
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Aux Antenna	

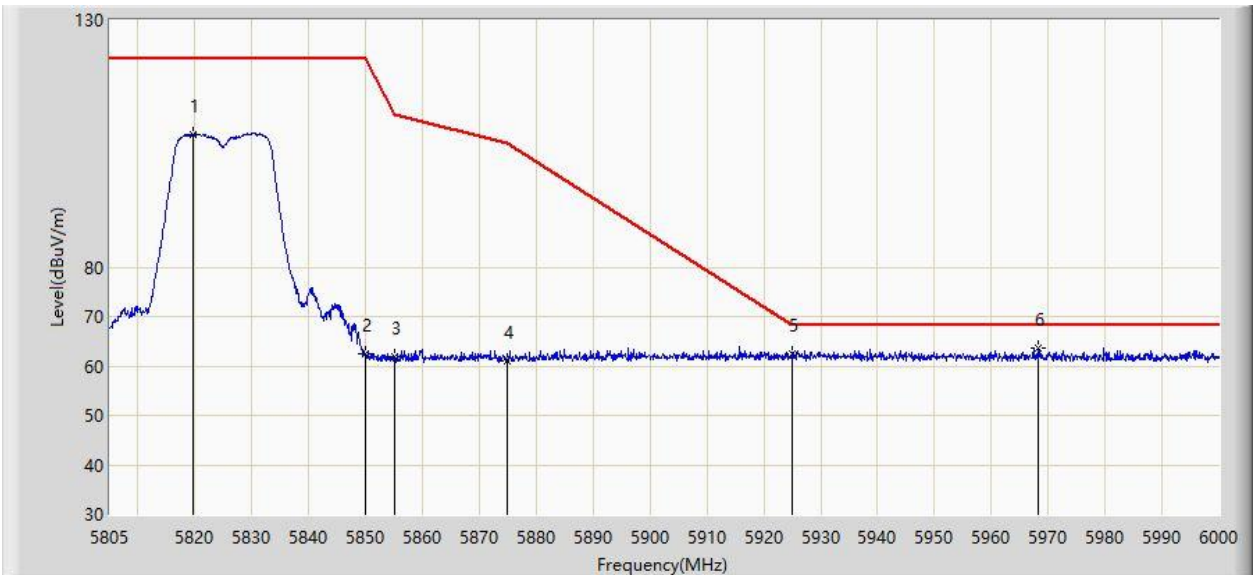


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5631.020	62.774	56.670	-5.426	68.200	6.104	PK
2			5650.000	60.935	54.676	-7.265	68.200	6.258	PK
3			5700.000	60.424	53.999	-44.776	105.200	6.426	PK
4			5720.000	60.393	54.008	-50.407	110.800	6.386	PK
5			5725.000	61.486	55.062	-60.714	122.200	6.424	PK
6			5739.178	98.182	91.492	N/A	N/A	6.690	PK

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

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

Site: AC1	Time: 2020/08/08 - 10:08
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz Aux Antenna	

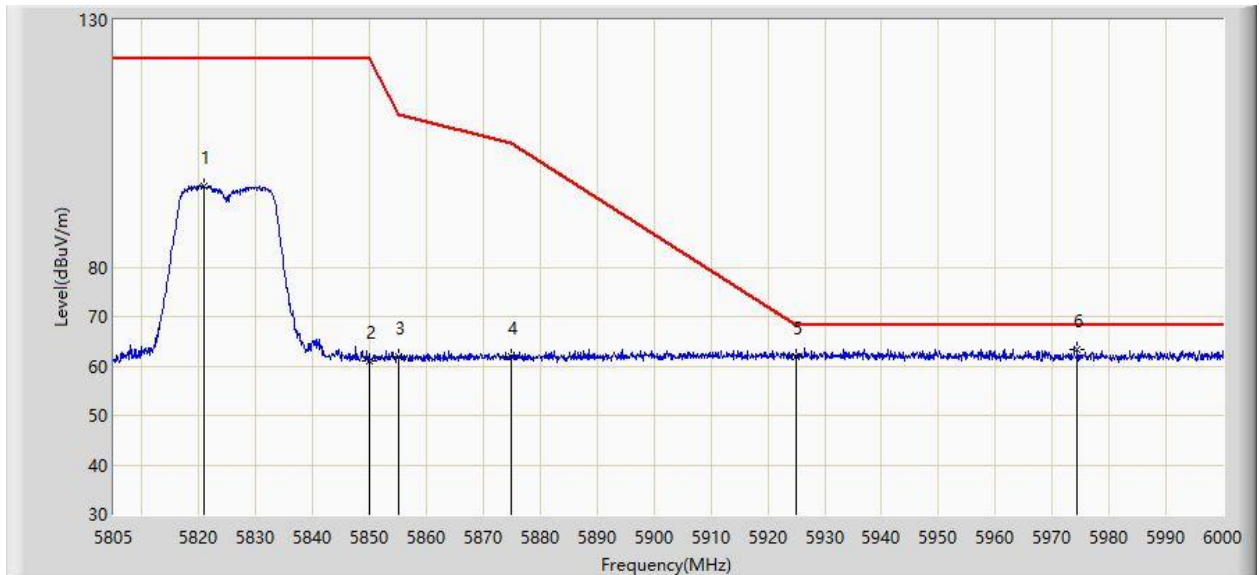


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5819.723	106.893	99.943	N/A	N/A	6.951	PK
2			5850.000	62.400	55.592	-59.800	122.200	6.808	PK
3			5855.000	61.987	55.167	-48.813	110.800	6.820	PK
4			5875.000	61.123	54.205	-44.077	105.200	6.918	PK
5			5925.000	62.416	55.319	-5.784	68.200	7.097	PK
6		*	5968.118	63.682	56.769	-4.518	68.200	6.913	PK

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

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

Site: AC1	Time: 2020/08/08 - 10:10
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz Aux Antenna	

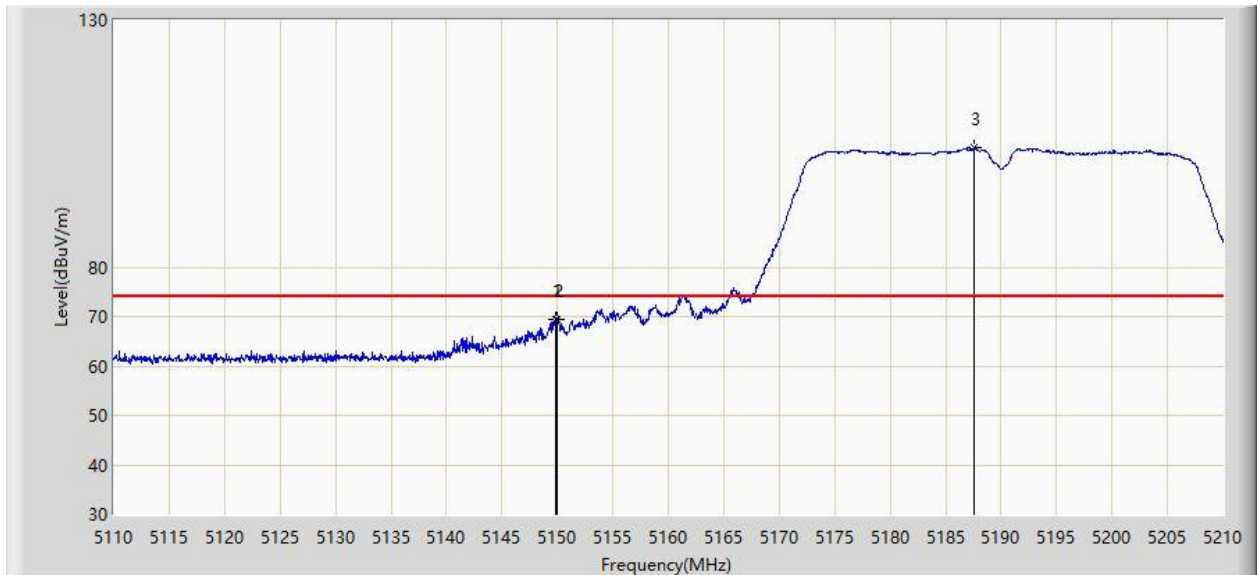


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5820.990	96.429	89.458	N/A	N/A	6.972	PK
2			5850.000	61.082	54.274	-61.118	122.200	6.808	PK
3			5855.000	61.870	55.050	-48.930	110.800	6.820	PK
4			5875.000	62.019	55.101	-43.181	105.200	6.918	PK
5			5925.000	62.026	54.929	-6.174	68.200	7.097	PK
6		*	5974.455	63.415	56.517	-4.785	68.200	6.898	PK

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

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

Site: AC1	Time: 2020/08/08 - 10:15
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Aux Antenna	

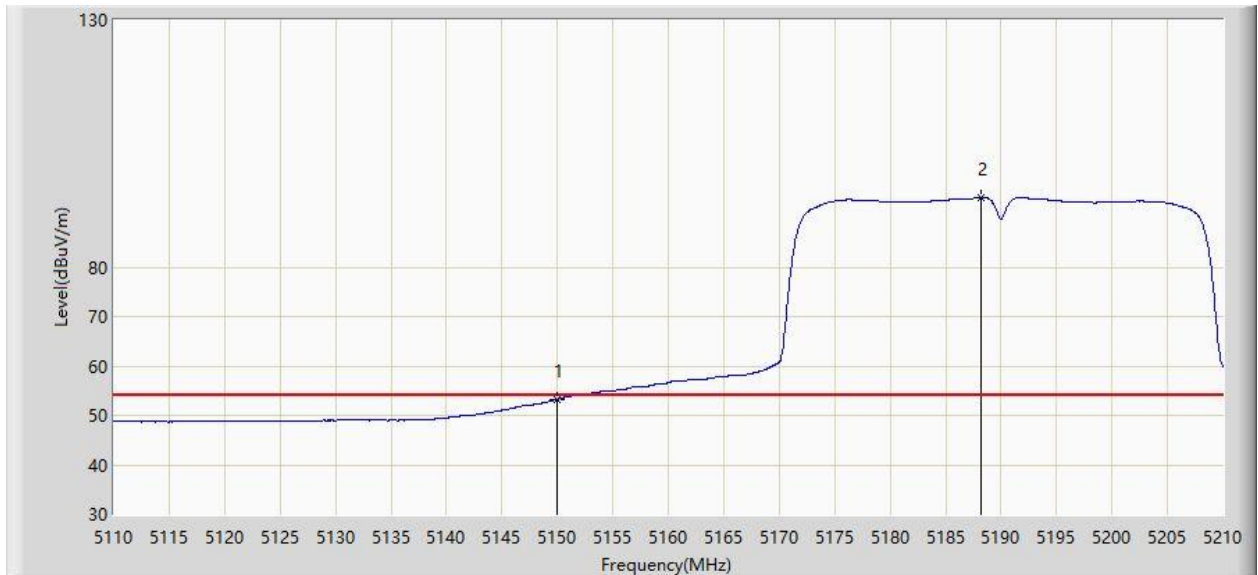


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.800	69.420	62.968	-4.580	74.000	6.452	PK
2			5150.000	69.435	62.983	-4.565	74.000	6.452	PK
3		*	5187.600	104.081	97.600	N/A	N/A	6.481	PK

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: 2020/08/08 - 10:21
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Aux Antenna	

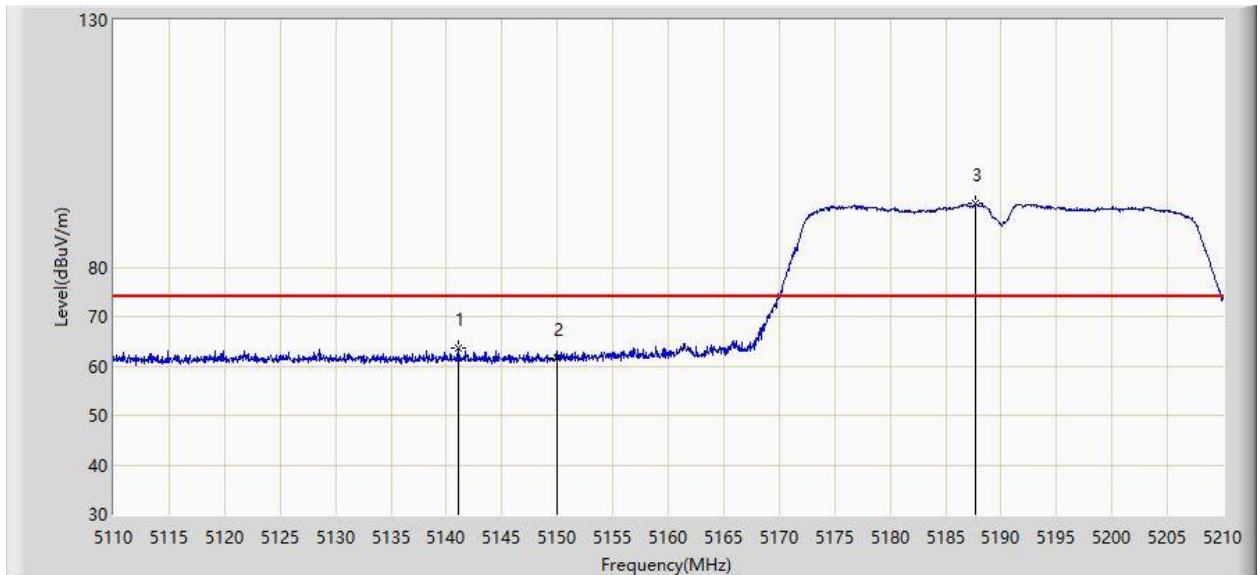


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.192	46.740	-0.808	54.000	6.452	AV
2		*	5188.150	94.111	87.637	N/A	N/A	6.474	AV

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: 2020/08/08 - 10:21
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Aux Antenna	

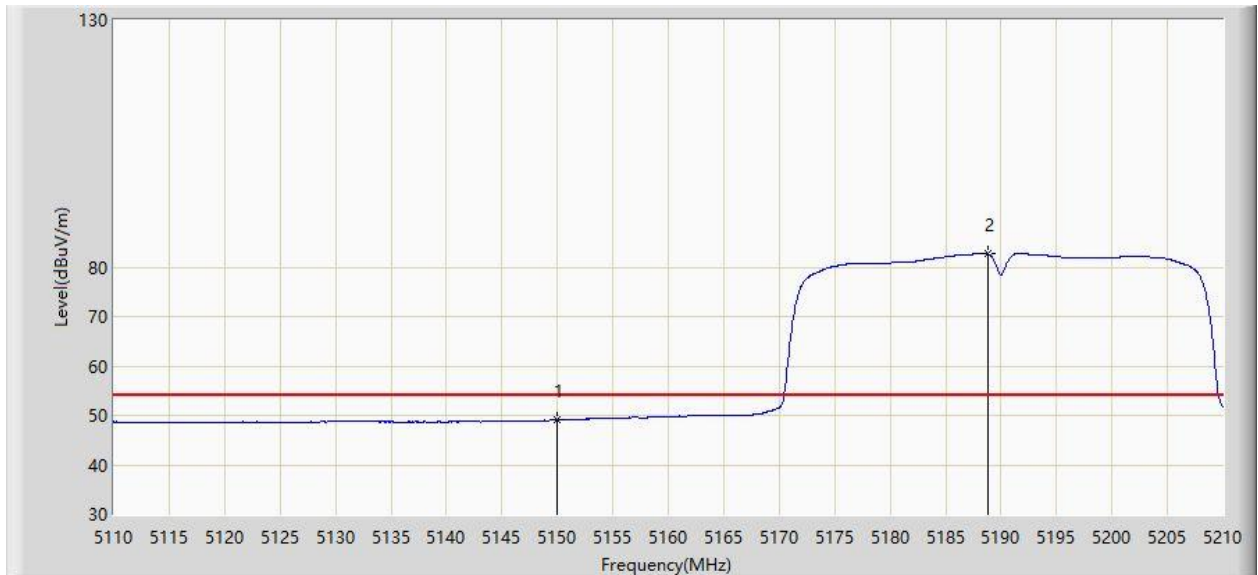


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5141.050	63.540	56.964	-10.460	74.000	6.576	PK
2			5150.000	61.602	55.150	-12.398	74.000	6.452	PK
3		*	5187.750	92.805	86.326	N/A	N/A	6.479	PK

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

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

Site: AC1	Time: 2020/08/08 - 10:24
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Aux Antenna	

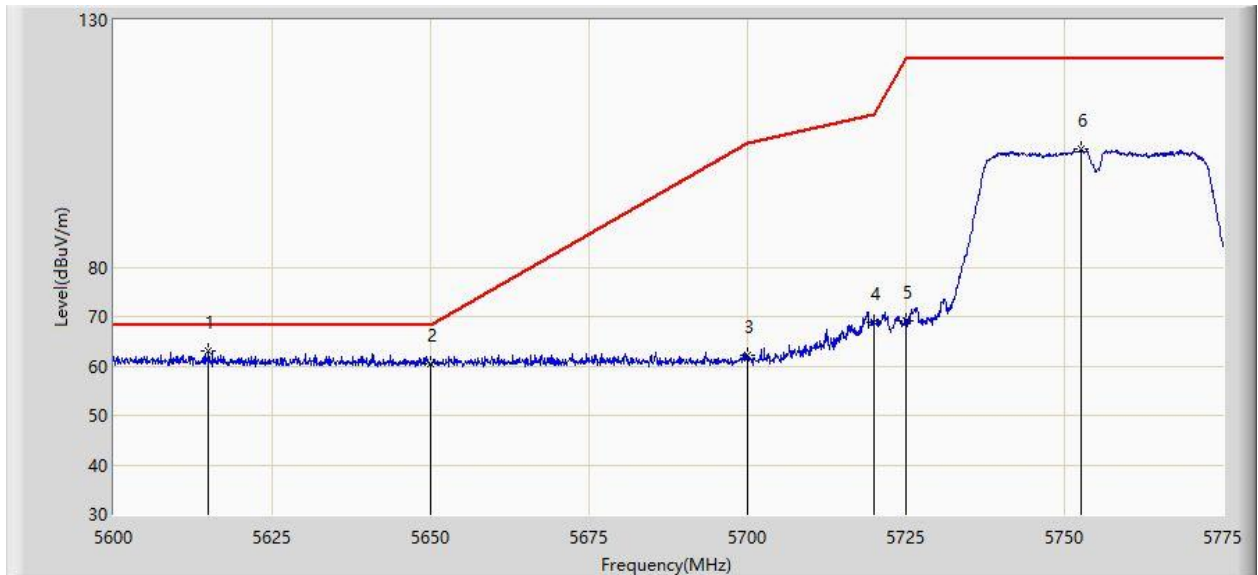


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	49.115	42.663	-4.885	54.000	6.452	AV
2		*	5188.800	82.665	76.199	N/A	N/A	6.465	AV

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

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

Site: AC1	Time: 2020/08/08 - 10:26
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz Aux Antenna	

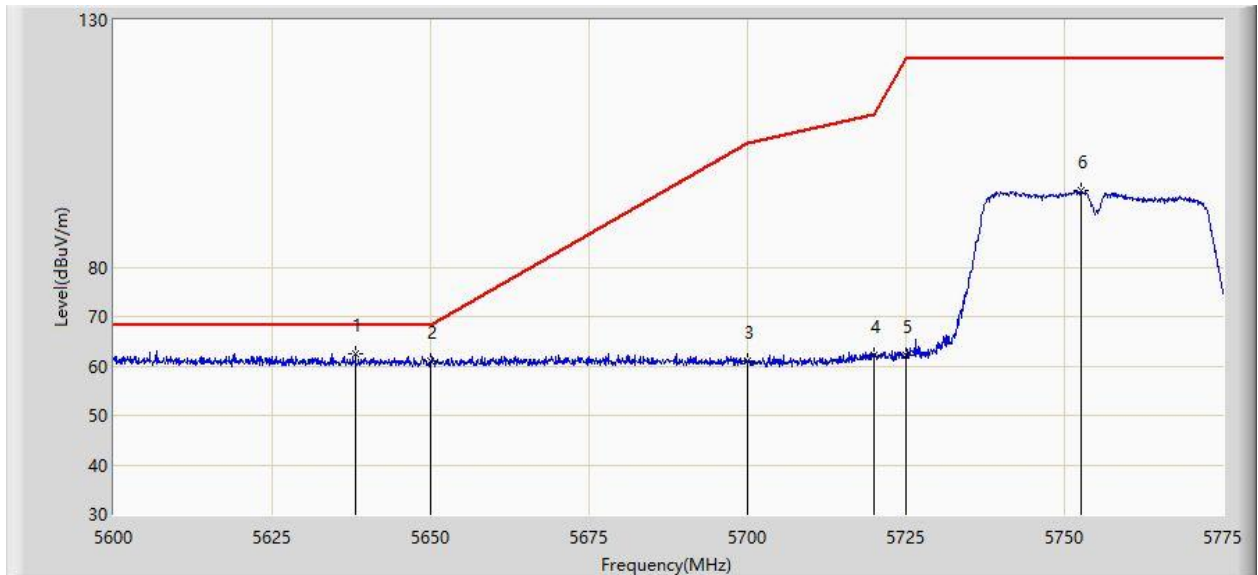


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5614.962	63.000	56.471	-5.200	68.200	6.530	PK
2			5650.000	60.352	54.093	-7.848	68.200	6.258	PK
3			5700.000	62.089	55.664	-43.111	105.200	6.426	PK
4			5720.000	68.814	62.429	-41.986	110.800	6.386	PK
5			5725.000	68.995	62.571	-53.205	122.200	6.424	PK
6			5752.600	103.777	96.963	N/A	N/A	6.814	PK

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

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

Site: AC1	Time: 2020/08/08 - 10:29
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz Aux Antenna	

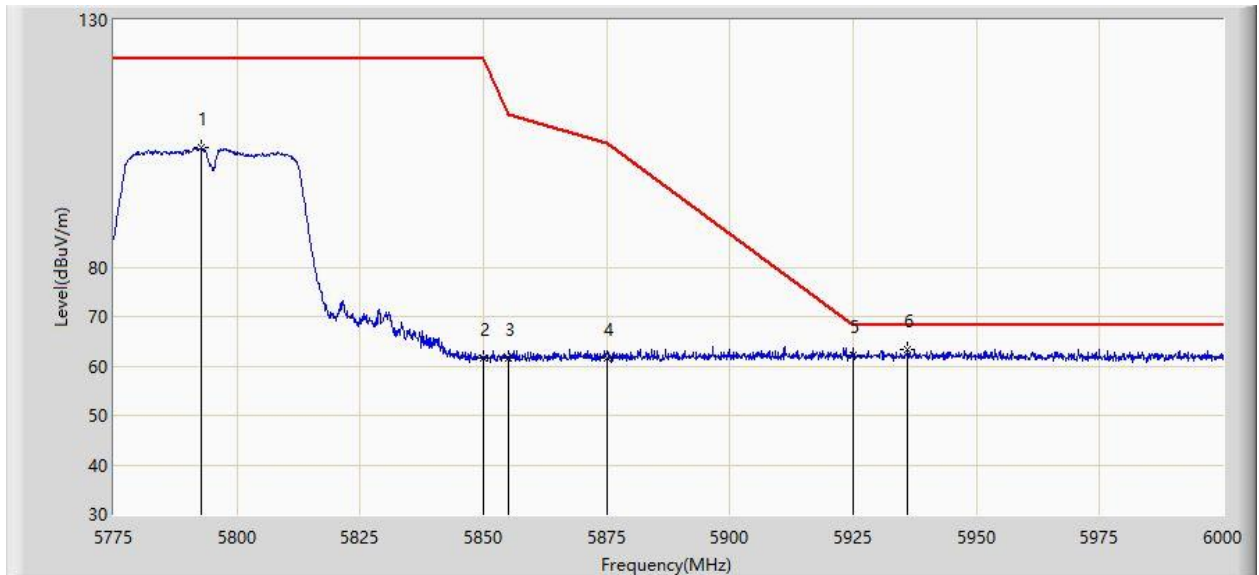


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5638.150	62.533	56.470	-5.667	68.200	6.063	PK
2			5650.000	60.928	54.669	-7.272	68.200	6.258	PK
3			5700.000	60.995	54.570	-44.205	105.200	6.426	PK
4			5720.000	62.049	55.664	-48.751	110.800	6.386	PK
5			5725.000	62.117	55.693	-60.083	122.200	6.424	PK
6			5752.600	95.593	88.779	N/A	N/A	6.814	PK

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

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

Site: AC1	Time: 2020/08/08 - 10:33
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz Aux Antenna	

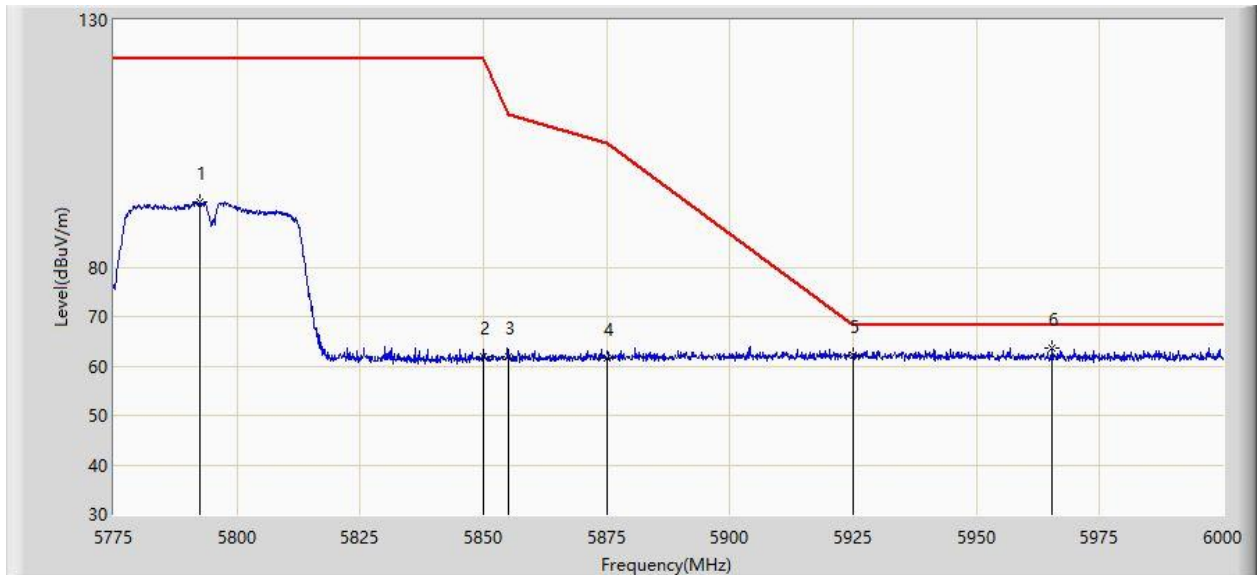


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5792.775	104.174	97.455	N/A	N/A	6.719	PK
2			5850.000	61.684	54.876	-60.516	122.200	6.808	PK
3			5855.000	61.697	54.877	-49.103	110.800	6.820	PK
4			5875.000	61.592	54.674	-43.608	105.200	6.918	PK
5			5925.000	62.314	55.217	-5.886	68.200	7.097	PK
6		*	5936.100	63.427	56.232	-4.773	68.200	7.195	PK

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

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

Site: AC1	Time: 2020/08/08 - 10:36
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz Aux Antenna	

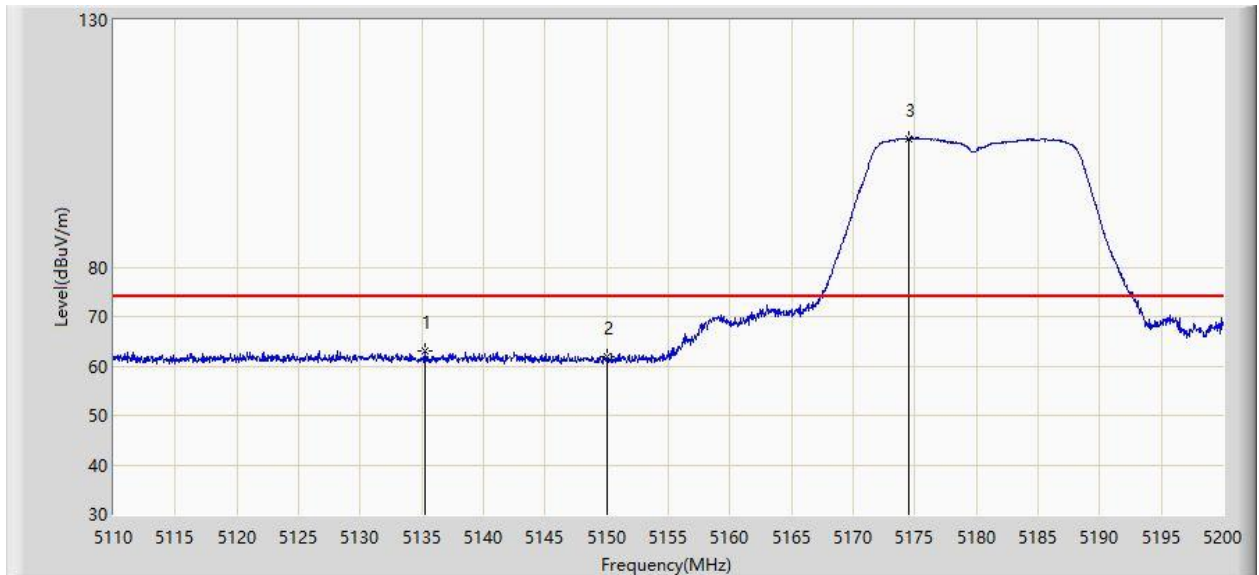


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5792.437	93.227	86.509	N/A	N/A	6.718	PK
2			5850.000	61.774	54.966	-60.426	122.200	6.808	PK
3			5855.000	61.838	55.018	-48.962	110.800	6.820	PK
4			5875.000	61.584	54.666	-43.616	105.200	6.918	PK
5			5925.000	62.046	54.949	-6.154	68.200	7.097	PK
6		*	5965.350	63.748	56.829	-4.452	68.200	6.920	PK

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

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

Site: AC1	Time: 2020/08/08 - 10:39
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Aux Antenna	

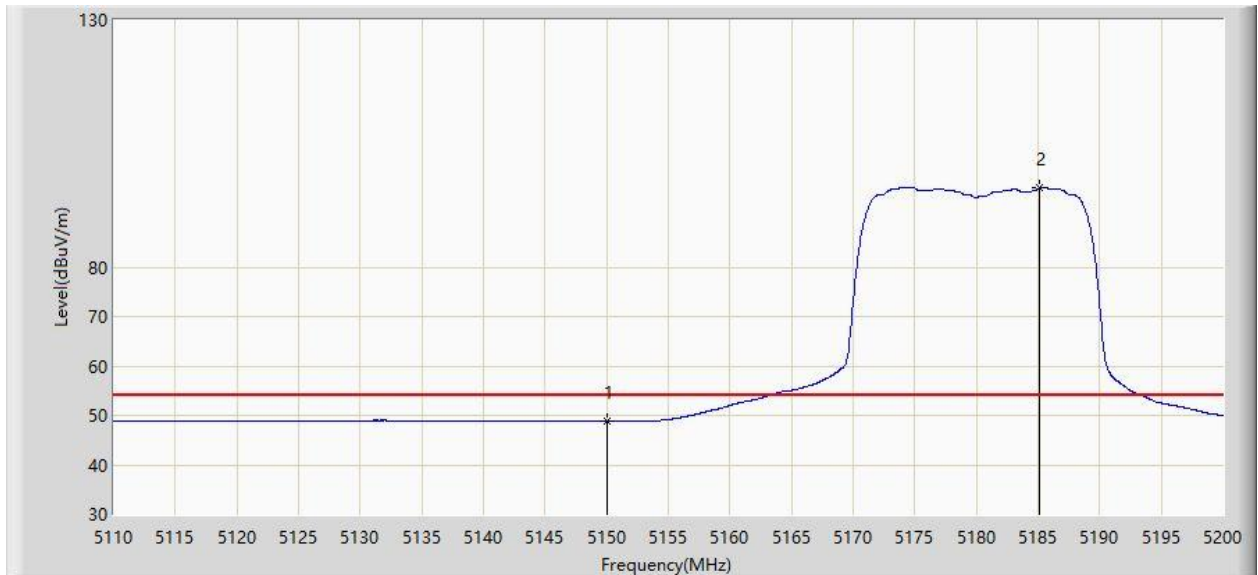


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5135.245	63.148	56.470	-10.852	74.000	6.678	PK
2			5150.000	61.949	55.497	-12.051	74.000	6.452	PK
3		*	5174.485	106.052	99.574	N/A	N/A	6.477	PK

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: 2020/08/08 - 10:44
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Aux Antenna	

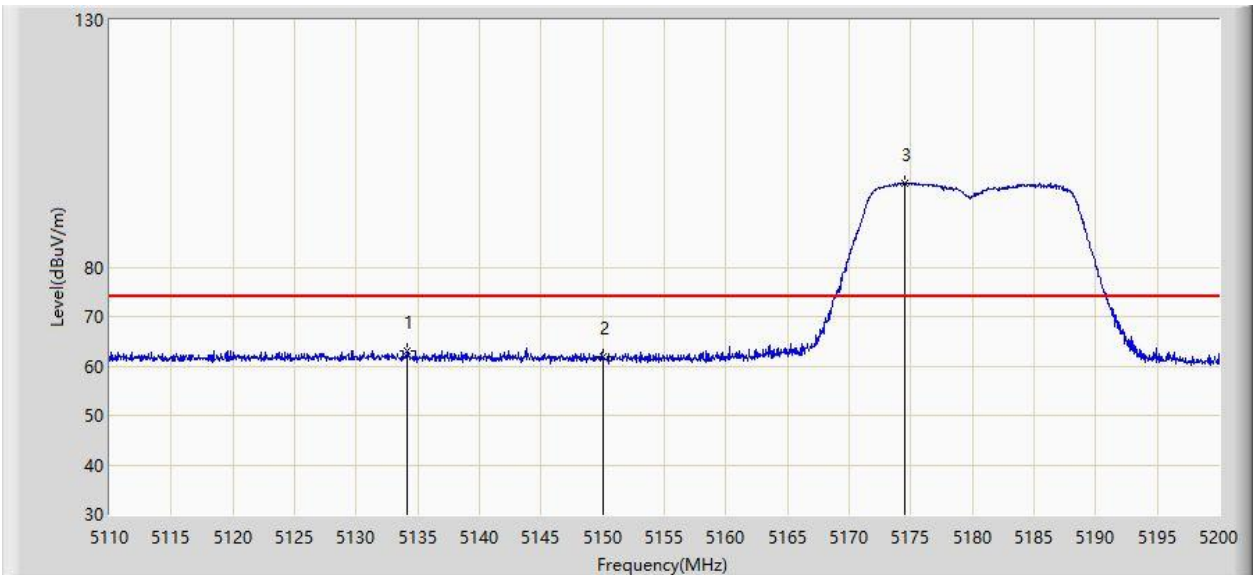


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	48.823	42.032	-5.177	54.000	6.792	AV
2		*	5185.150	96.010	89.165	N/A	N/A	6.844	AV

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: 2020/08/08 - 11:00
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Aux Antenna	

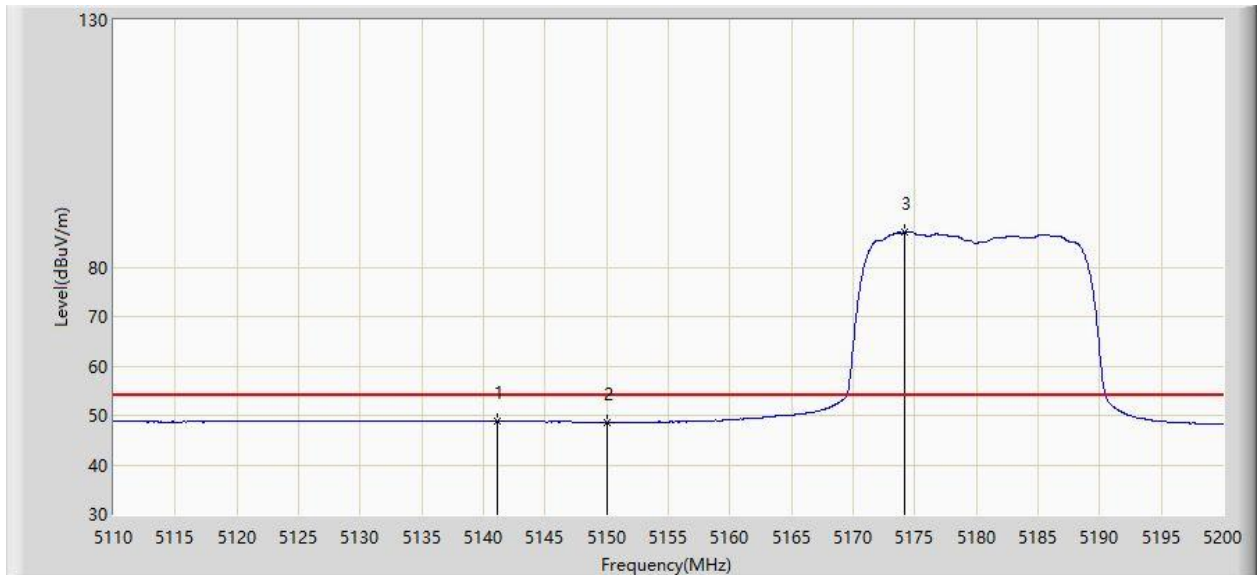


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5134.165	63.104	56.407	-10.896	74.000	6.697	PK
2			5150.000	61.822	55.370	-12.178	74.000	6.452	PK
3		*	5174.485	96.926	90.448	N/A	N/A	6.477	PK

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

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

Site: AC1	Time: 2020/08/08 - 11:04
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Aux Antenna	

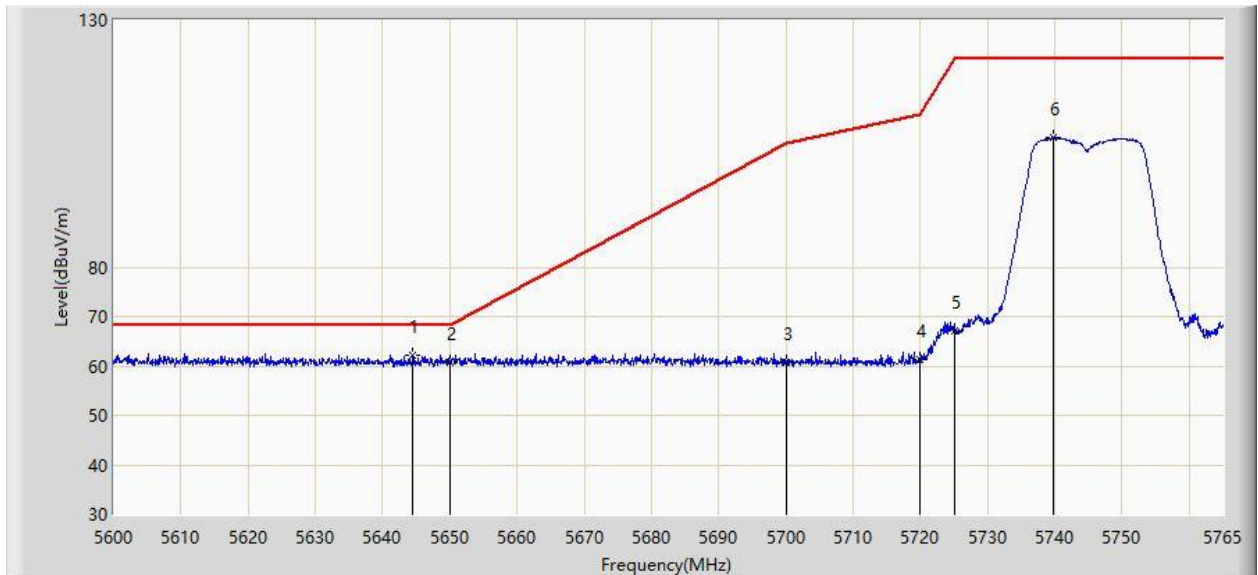


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5141.095	48.792	42.217	-5.208	54.000	6.576	AV
2			5150.000	48.650	42.198	-5.350	54.000	6.452	AV
3		*	5174.170	86.988	80.512	N/A	N/A	6.476	AV

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: 2020/08/08 - 11:06
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Aux Antenna	

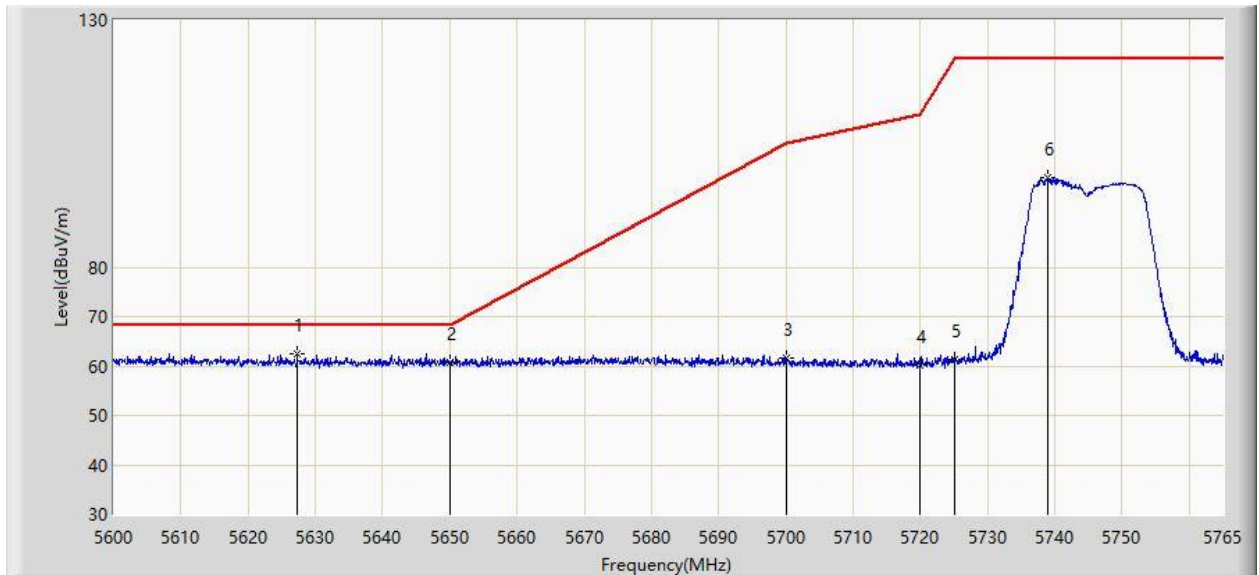


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5644.550	62.306	56.161	-5.894	68.200	6.145	PK
2			5650.000	60.746	54.487	-7.454	68.200	6.258	PK
3			5700.000	60.712	54.287	-44.488	105.200	6.426	PK
4			5720.000	61.245	54.860	-49.555	110.800	6.386	PK
5			5725.000	67.230	60.806	-54.970	122.200	6.424	PK
6			5739.755	106.181	99.480	N/A	N/A	6.701	PK

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

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

Site: AC1	Time: 2020/08/08 - 11:08
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Aux Antenna	

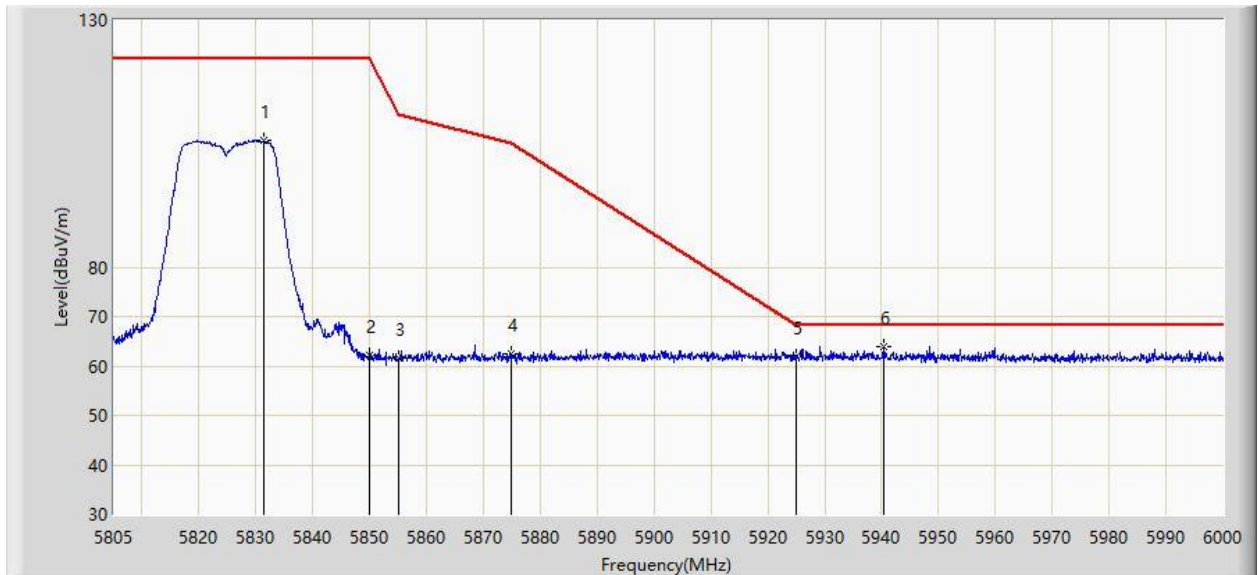


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5627.308	62.349	56.150	-5.851	68.200	6.199	PK
2			5650.000	60.672	54.413	-7.528	68.200	6.258	PK
3			5700.000	61.524	55.099	-43.676	105.200	6.426	PK
4			5720.000	60.060	53.675	-50.740	110.800	6.386	PK
5			5725.000	61.261	54.837	-60.939	122.200	6.424	PK
6			5738.930	97.980	91.294	N/A	N/A	6.686	PK

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

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

Site: AC1	Time: 2020/08/08 - 11:11
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Aux Antenna	

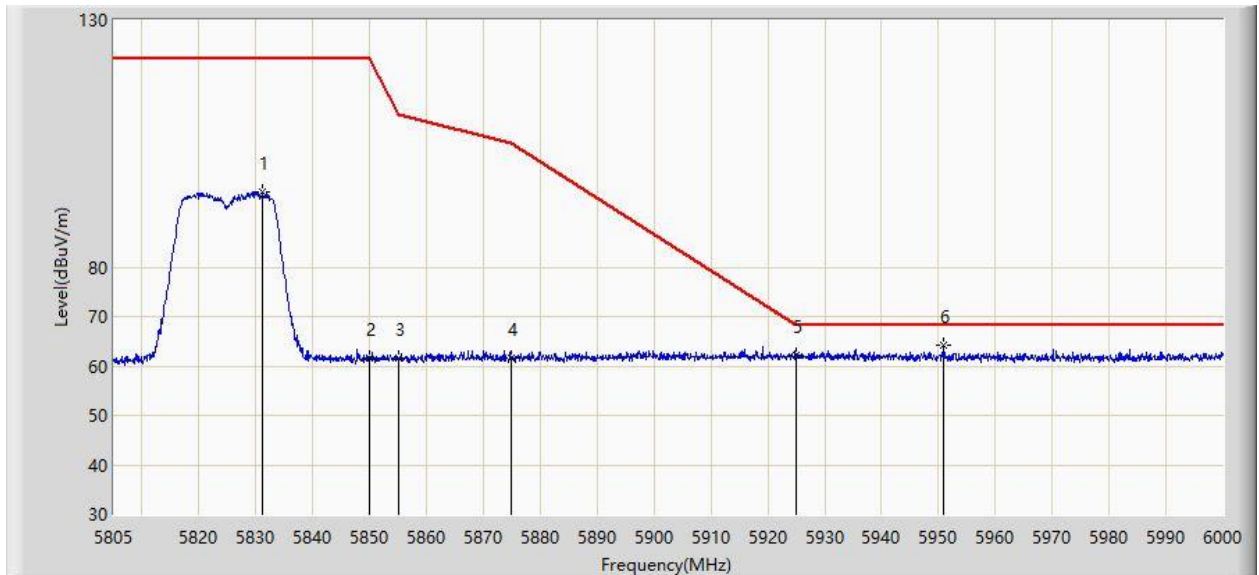


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5831.325	105.697	98.629	N/A	N/A	7.067	PK
2			5850.000	62.316	55.508	-59.884	122.200	6.808	PK
3			5855.000	61.498	54.678	-49.302	110.800	6.820	PK
4			5875.000	62.322	55.404	-42.878	105.200	6.918	PK
5			5925.000	61.996	54.899	-6.204	68.200	7.097	PK
6		*	5940.330	63.937	56.748	-4.263	68.200	7.189	PK

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

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

Site: AC1	Time: 2020/08/08 - 11:14
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Aux Antenna	

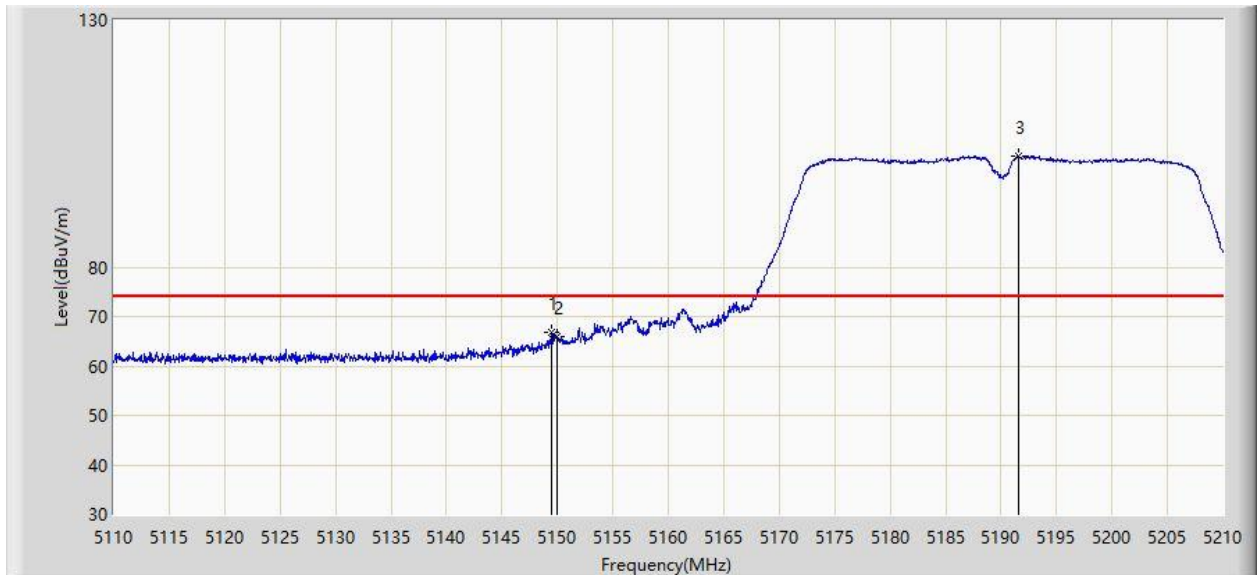


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5831.130	95.182	88.111	N/A	N/A	7.071	PK
2			5850.000	61.656	54.848	-60.544	122.200	6.808	PK
3			5855.000	61.535	54.715	-49.265	110.800	6.820	PK
4			5875.000	61.465	54.547	-43.735	105.200	6.918	PK
5			5925.000	62.031	54.934	-6.169	68.200	7.097	PK
6		*	5950.958	64.204	57.137	-3.996	68.200	7.067	PK

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

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

Site: AC1	Time: 2020/08/08 - 11:17
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Aux Antenna	

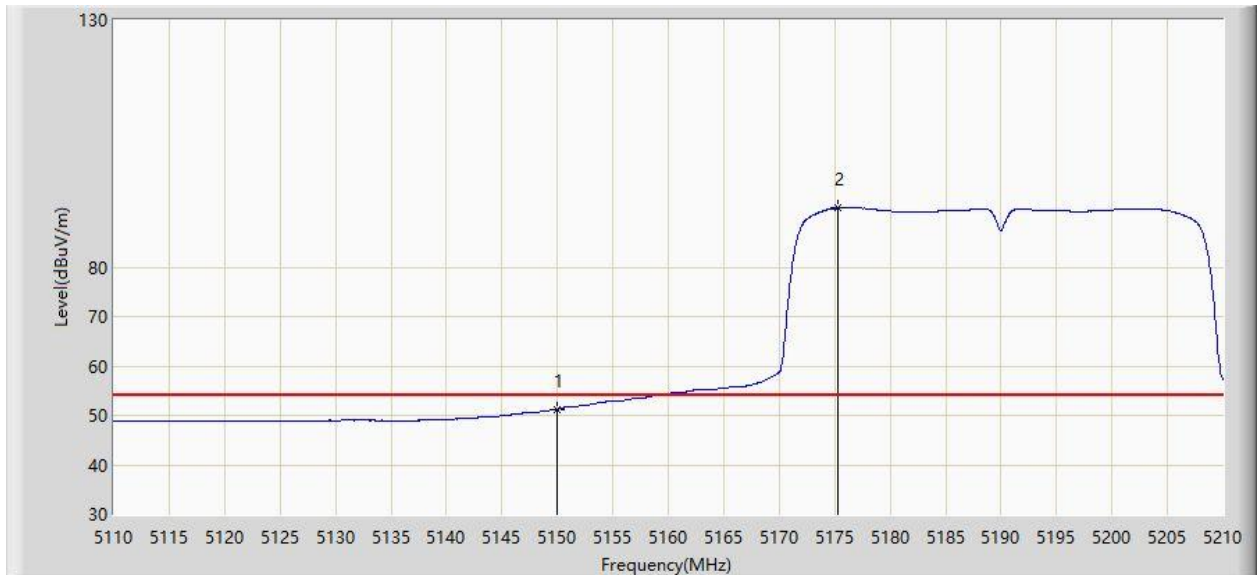


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.500	66.864	60.412	-7.136	74.000	6.452	PK
2			5150.000	65.934	59.482	-8.066	74.000	6.452	PK
3		*	5191.550	102.573	96.142	N/A	N/A	6.430	PK

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

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

Site: AC1	Time: 2020/08/08 - 11:22
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Aux Antenna	

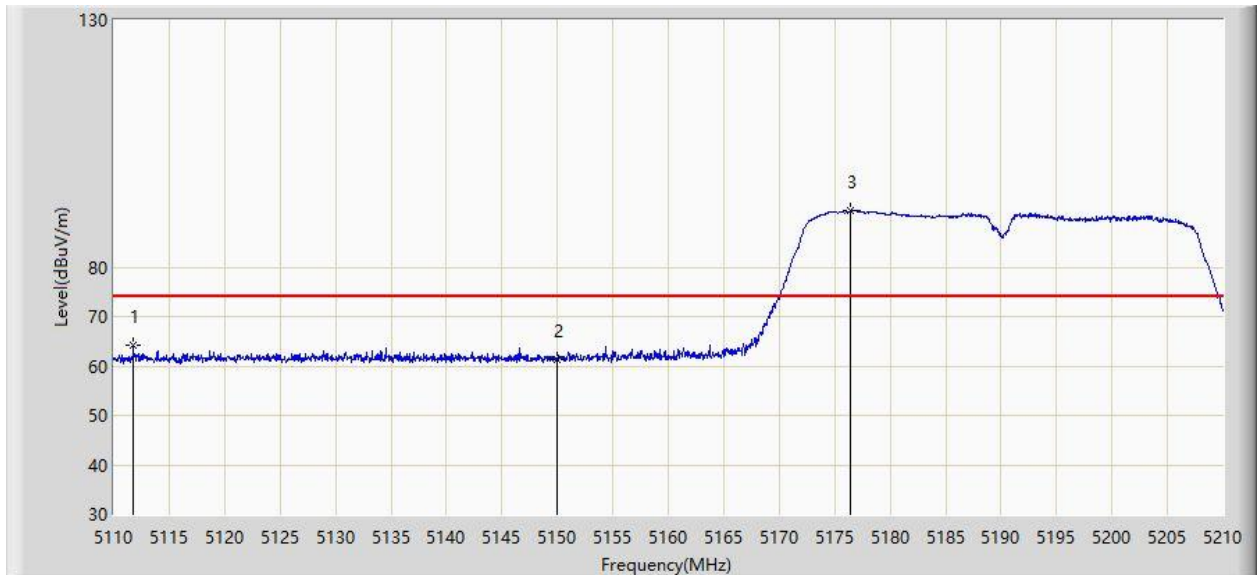


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	51.276	44.824	-2.724	54.000	6.452	AV
2		*	5175.350	91.961	85.477	N/A	N/A	6.484	AV

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: 2020/08/08 - 11:22
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Aux Antenna	

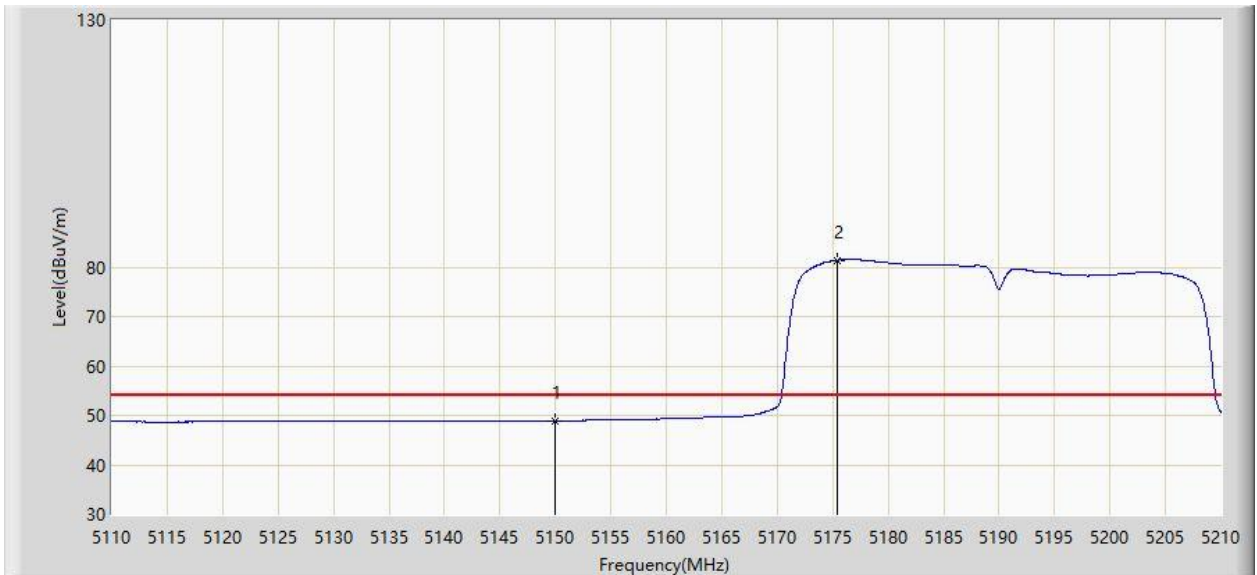


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5111.750	64.301	58.186	-9.699	74.000	6.115	PK
2			5150.000	61.329	54.877	-12.671	74.000	6.452	PK
3		*	5176.450	91.387	84.896	N/A	N/A	6.491	PK

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

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

Site: AC1	Time: 2020/08/08 - 11:27
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Aux Antenna	

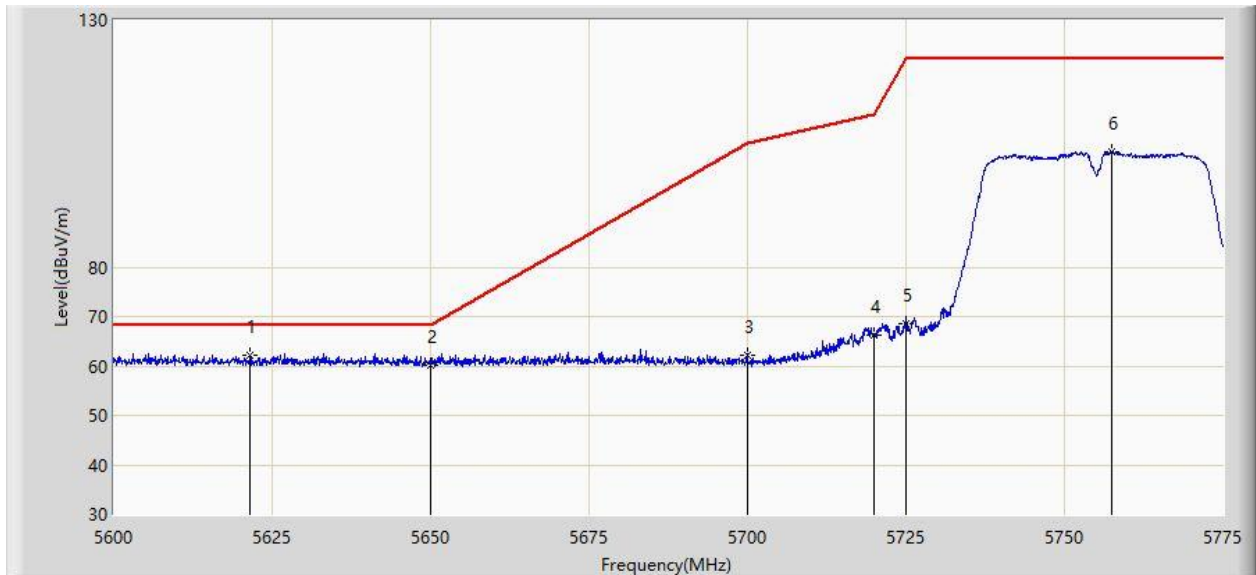


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	48.873	42.421	-5.127	54.000	6.452	AV
2		*	5175.450	81.407	74.923	N/A	N/A	6.485	AV

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: 2020/08/08 - 11:28
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Aux Antenna	

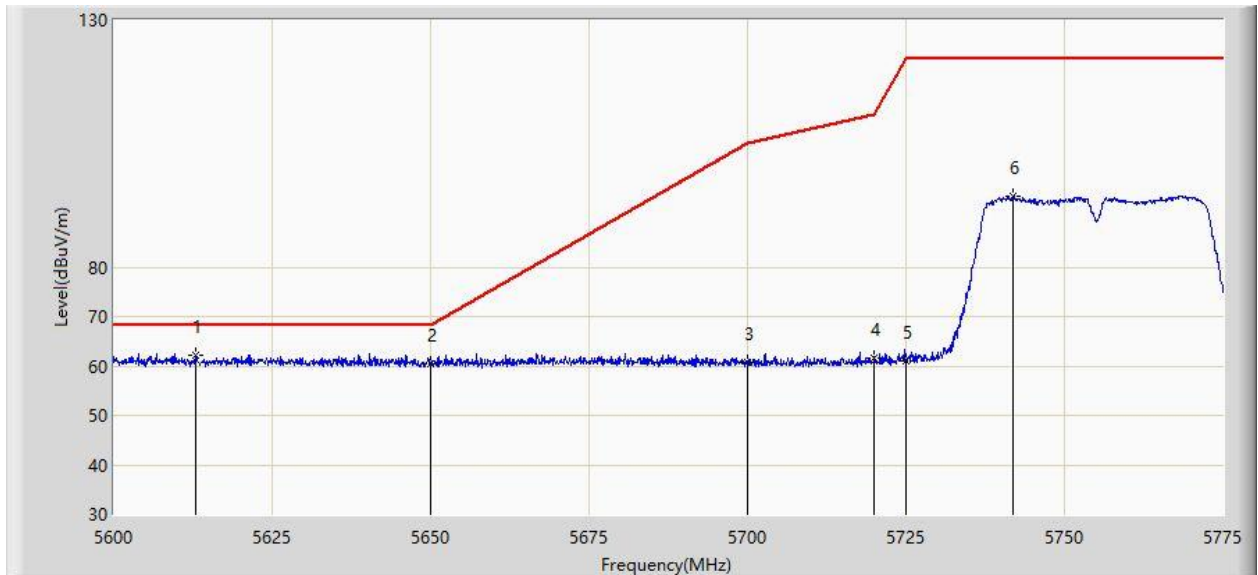


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5621.525	62.197	55.844	-6.003	68.200	6.352	PK
2			5650.000	60.072	53.813	-8.128	68.200	6.258	PK
3			5700.000	62.169	55.744	-43.031	105.200	6.426	PK
4			5720.000	66.335	59.950	-44.465	110.800	6.386	PK
5			5725.000	68.414	61.990	-53.786	122.200	6.424	PK
6			5757.500	103.426	96.580	N/A	N/A	6.846	PK

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

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

Site: AC1	Time: 2020/08/08 - 11:30
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Aux Antenna	

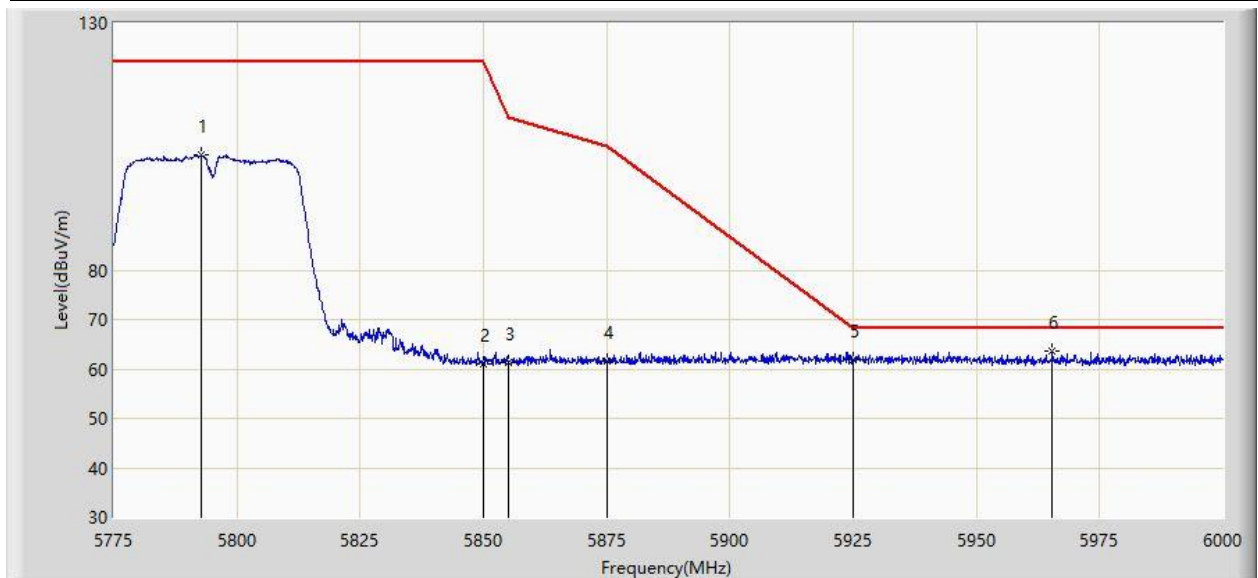


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5612.862	62.246	55.719	-5.954	68.200	6.526	PK
2			5650.000	60.304	54.045	-7.896	68.200	6.258	PK
3			5700.000	60.725	54.300	-44.475	105.200	6.426	PK
4			5720.000	61.560	55.175	-49.240	110.800	6.386	PK
5			5725.000	61.116	54.692	-61.084	122.200	6.424	PK
6			5741.925	94.334	87.597	N/A	N/A	6.738	PK

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

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

Site: AC1	Time: 2020/08/08 - 11:33
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Aux Antenna	

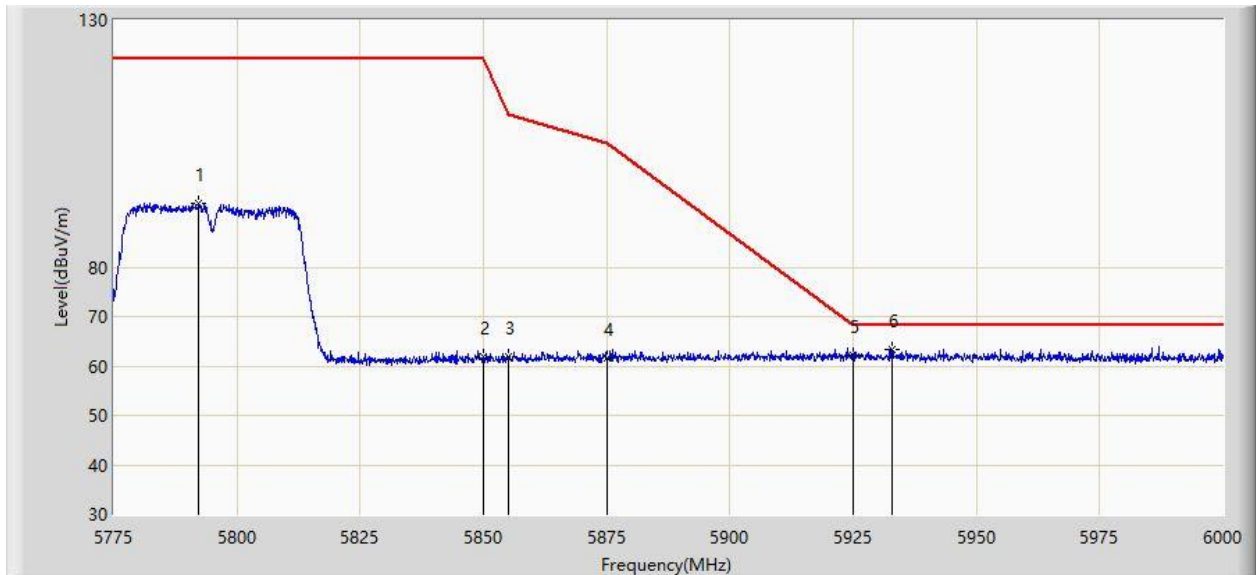


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5792.663	103.271	96.552	N/A	N/A	6.719	PK
2			5850.000	61.039	54.231	-61.161	122.200	6.808	PK
3			5855.000	61.432	54.612	-49.368	110.800	6.820	PK
4			5875.000	61.559	54.641	-43.641	105.200	6.918	PK
5			5925.000	61.789	54.692	-6.411	68.200	7.097	PK
6		*	5965.350	63.527	56.608	-4.673	68.200	6.920	PK

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

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

Site: AC1	Time: 2020/08/08 - 11:36
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Aux Antenna	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5792.212	92.954	86.237	N/A	N/A	6.718	PK
2			5850.000	61.838	55.030	-60.362	122.200	6.808	PK
3			5855.000	61.913	55.093	-48.887	110.800	6.820	PK
4			5875.000	61.528	54.610	-43.672	105.200	6.918	PK
5			5925.000	62.076	54.979	-6.124	68.200	7.097	PK
6		*	5932.950	63.421	56.244	-4.779	68.200	7.177	PK

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

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

Site: AC1	Time: 2020/08/08 - 11:41
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Aux Antenna	

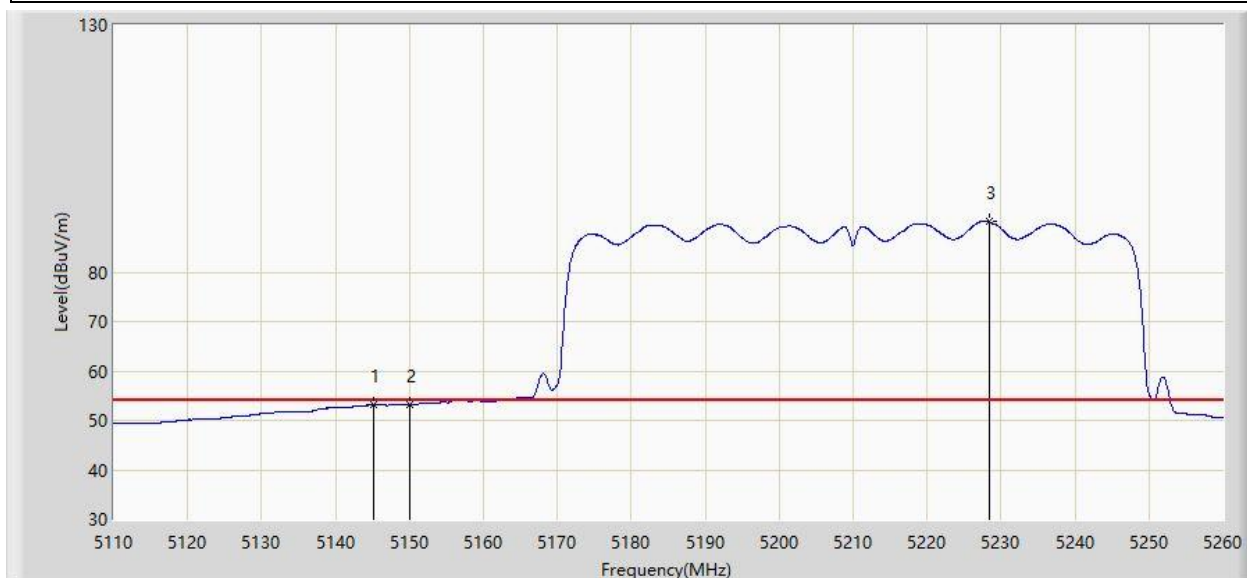


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5129.950	68.383	61.628	-5.617	74.000	6.755	PK
2			5150.000	66.043	59.591	-7.957	74.000	6.452	PK
3		*	5228.425	100.173	94.064	N/A	N/A	6.108	PK

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: 2020/08/08 - 11:44
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Aux Antenna	

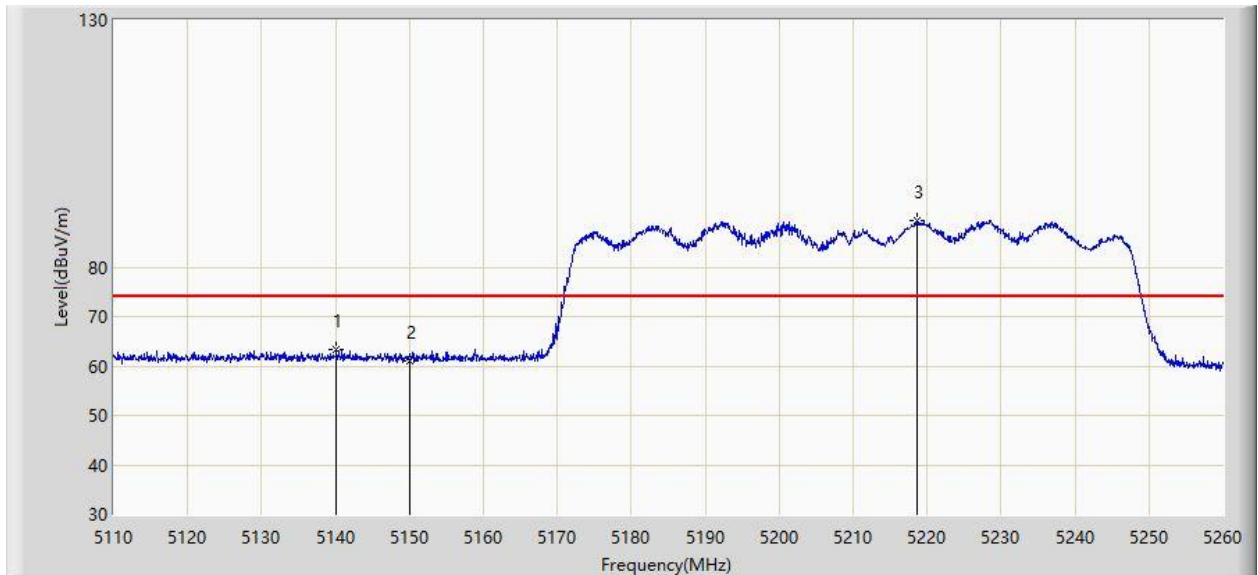


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5145.175	53.326	46.823	-0.674	54.000	6.503	AV
2			5150.000	53.082	46.630	-0.918	54.000	6.452	AV
3		*	5228.425	90.157	84.048	N/A	N/A	6.108	AV

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

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

Site: AC1	Time: 2020/08/08 - 11:45
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Aux Antenna	

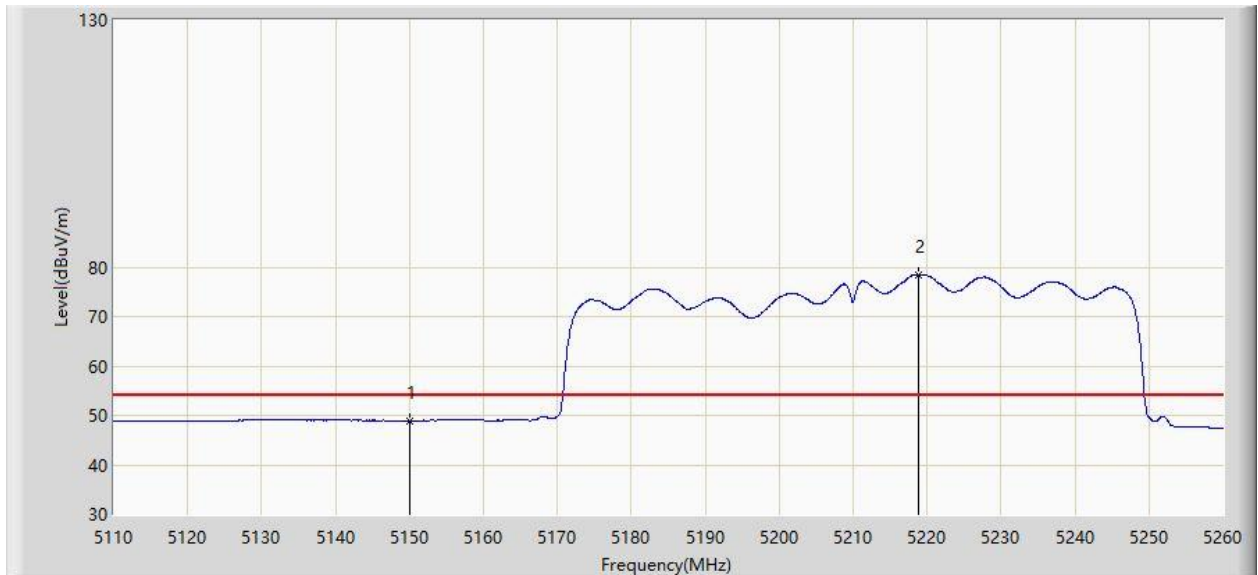


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5140.150	63.457	56.865	-10.543	74.000	6.592	PK
2			5150.000	60.904	54.452	-13.096	74.000	6.452	PK
3		*	5218.675	89.388	83.294	N/A	N/A	6.094	PK

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

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

Site: AC1	Time: 2020/08/08 - 11:48
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Aux Antenna	

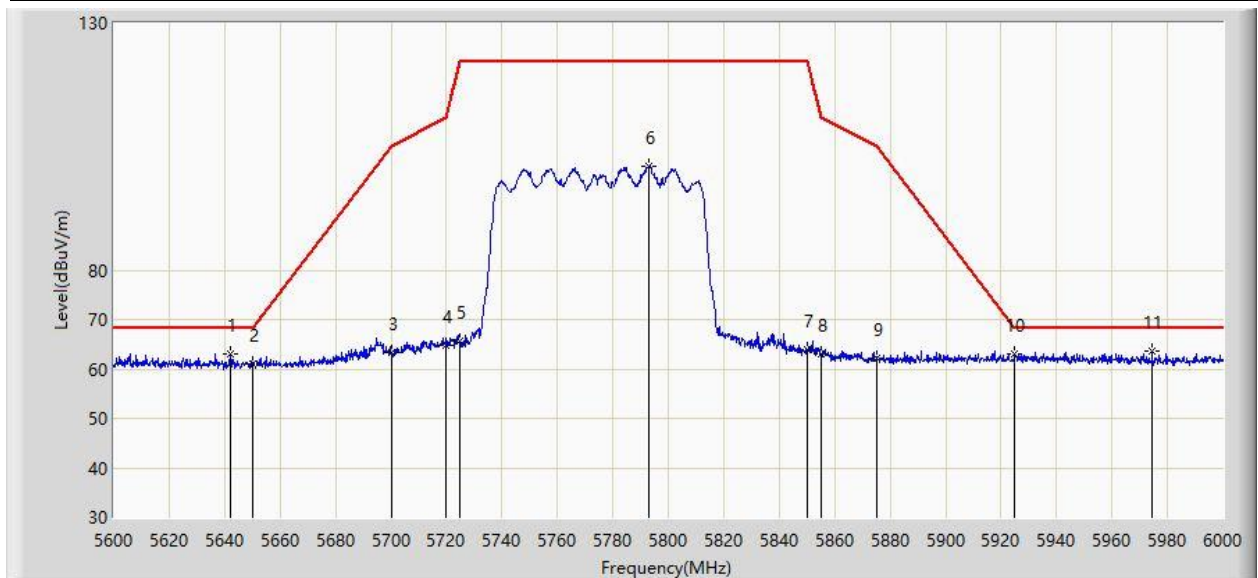


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	48.925	42.473	-5.075	54.000	6.452	AV
2		*	5218.900	78.514	72.421	N/A	N/A	6.094	AV

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

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

Site: AC1	Time: 2020/08/08 - 11:50
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Aux Antenna	

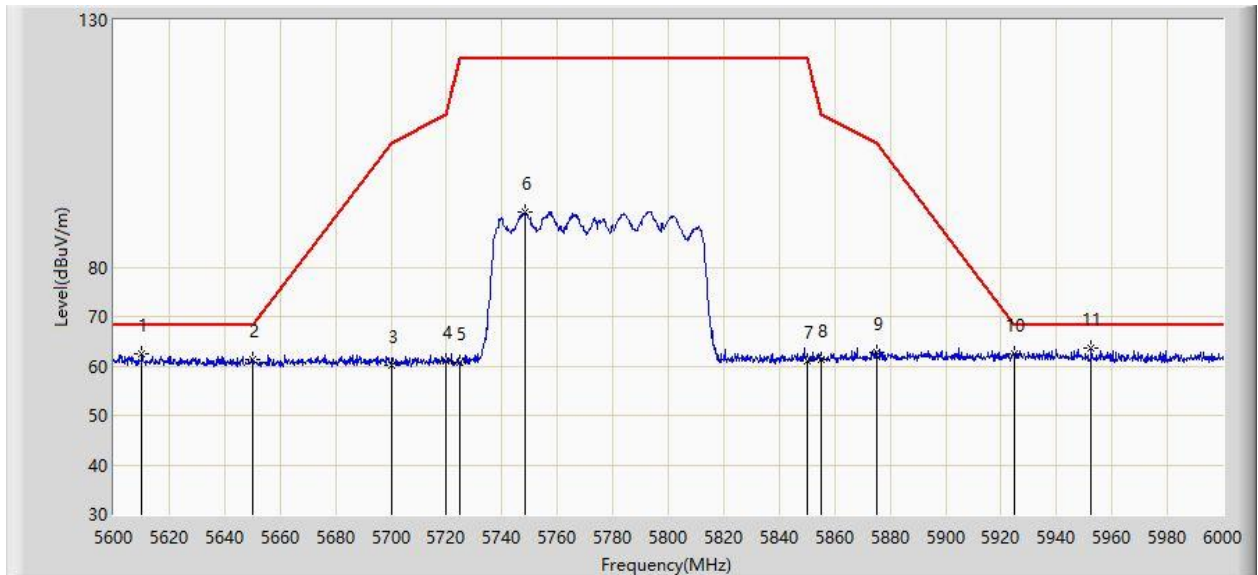


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5642.000	63.081	56.989	-5.119	68.200	6.092	PK
2			5650.000	61.122	57.062	-7.078	68.200	4.060	PK
3			5700.000	63.223	56.798	-41.977	105.200	6.426	PK
4			5720.000	64.826	58.441	-45.974	110.800	6.386	PK
5			5725.000	65.516	59.092	-56.684	122.200	6.424	PK
6			5793.000	100.982	94.262	N/A	N/A	6.720	PK
7			5850.000	63.836	57.028	-58.364	122.200	6.808	PK
8			5855.000	62.979	56.159	-47.821	110.800	6.820	PK
9			5875.000	62.187	55.269	-43.013	105.200	6.918	PK
10			5925.000	62.970	55.873	-5.230	68.200	7.097	PK
11		*	5974.400	63.706	56.808	-4.494	68.200	6.899	PK

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

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

Site: AC1	Time: 2020/08/08 - 11:54
Limit: FCC_Part 15.209_RE(3m)	Engineer: Silence Liu
Probe: AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Aux Antenna	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5610.200	62.410	55.887	-5.790	68.200	6.523	PK
2			5650.000	61.196	54.937	-7.004	68.200	6.258	PK
3			5700.000	60.101	53.676	-45.099	105.200	6.426	PK
4			5720.000	60.941	54.556	-49.859	110.800	6.386	PK
5			5725.000	60.788	54.364	-61.412	122.200	6.424	PK
6			5748.600	91.244	84.456	N/A	N/A	6.788	PK
7			5850.000	61.109	54.301	-61.091	122.200	6.808	PK
8			5855.000	61.329	54.509	-49.471	110.800	6.820	PK
9			5875.000	62.681	55.763	-42.519	105.200	6.918	PK
10			5925.000	62.400	55.303	-5.800	68.200	7.097	PK
11		*	5952.600	63.583	56.530	-4.617	68.200	7.053	PK

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

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

6.9. AC Conducted Emissions Measurement

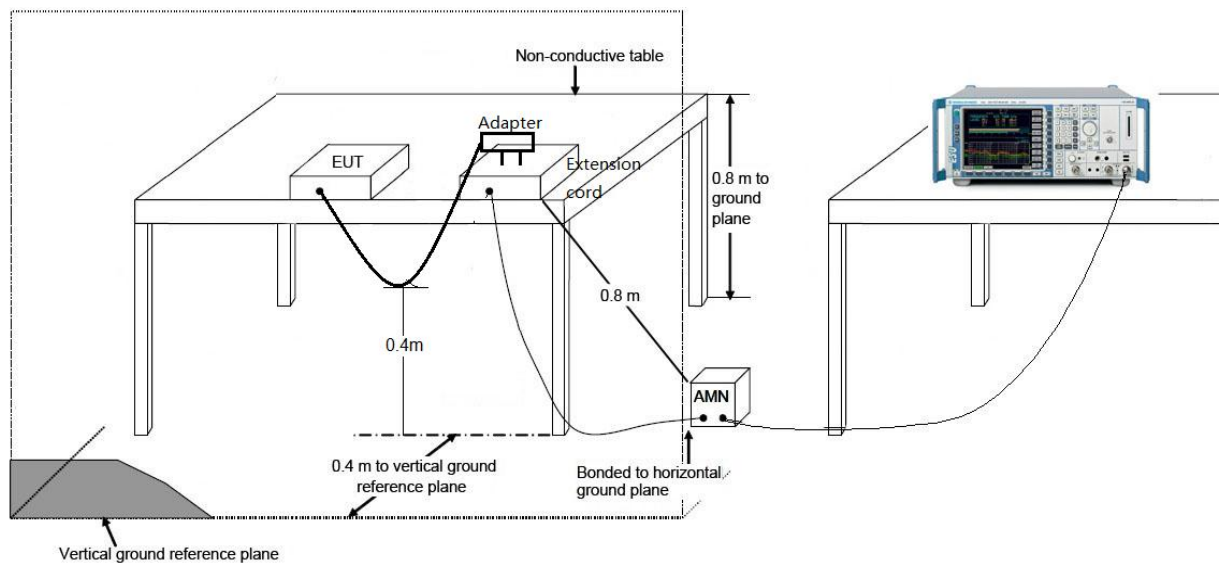
6.9.1. Test Limit

FCC Part 15 Subpart C Paragraph 15.207 Limits		
Frequency (MHz)	QP (dB μ V)	Average (dB μ V)
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.

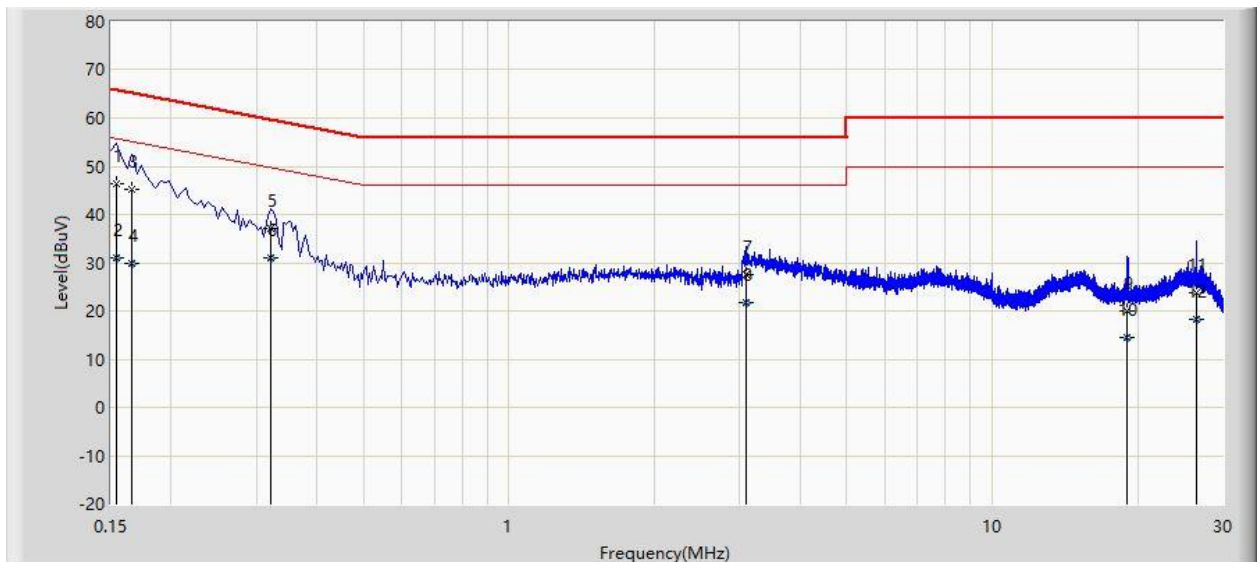
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

6.9.2. Test Setup



6.9.3.Test Result

Site: SR2	Time: 2020/07/30 - 17:49
Limit: FCC_Part15.207_CE_AC Power	Engineer: Hyde Yu
Probe: ENV216_101683_Filter On	Polarity: Line
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz Main Antenna	

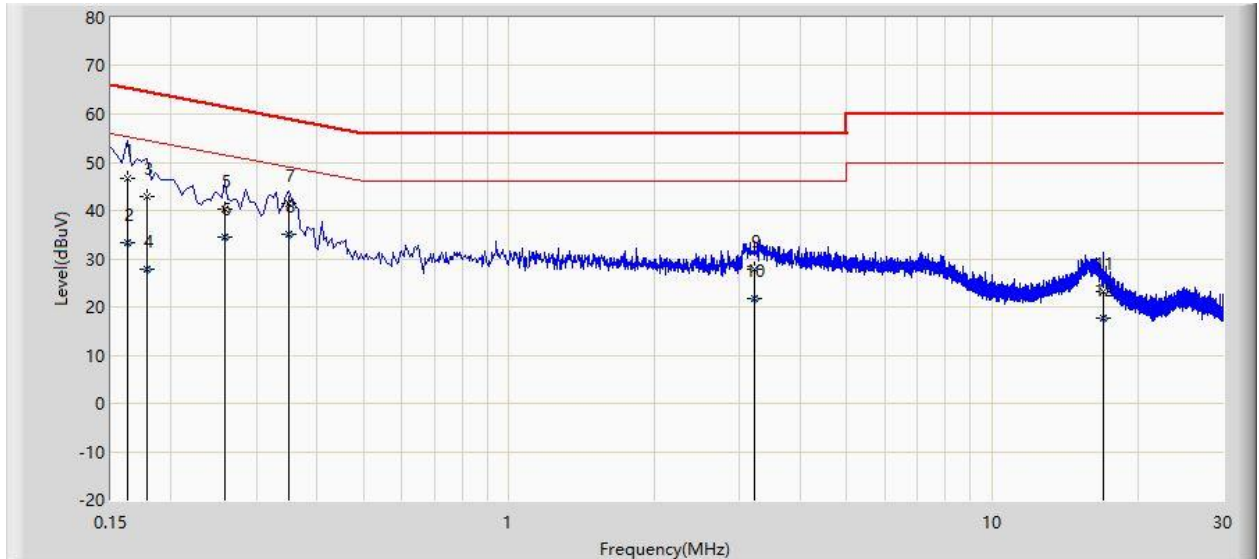


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.154	46.469	35.823	-19.313	65.781	10.645	QP
2			0.154	30.957	20.312	-24.824	55.781	10.645	AV
3			0.166	45.280	34.993	-19.878	65.158	10.287	QP
4			0.166	29.723	19.436	-25.435	55.158	10.287	AV
5			0.322	37.009	27.212	-22.646	59.655	9.796	QP
6		*	0.322	31.093	21.296	-18.562	49.655	9.796	AV
7			3.098	27.460	17.767	-28.540	56.000	9.693	QP
8			3.098	21.620	11.927	-24.380	46.000	9.693	AV
9			19.018	19.989	10.068	-40.011	60.000	9.921	QP
10			19.018	14.389	4.469	-35.611	50.000	9.921	AV
11			26.518	23.792	13.831	-36.208	60.000	9.961	QP
12			26.518	18.232	8.271	-31.768	50.000	9.961	AV

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

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

Site: SR2	Time: 2020/07/30 - 18:01
Limit: FCC_Part15.207_CE_AC Power	Engineer: Hyde Yu
Probe: ENV216_101683_Filter On	Polarity: Neutral
EUT: Notebook	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz Main Antenna	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV)	Factor (dB)	Type
1			0.162	46.710	36.298	-18.651	65.361	10.412	QP
2			0.162	33.253	22.840	-22.108	55.361	10.412	AV
3			0.178	42.774	32.845	-21.805	64.578	9.928	QP
4			0.178	27.770	17.842	-26.808	54.578	9.928	AV
5			0.258	40.409	30.748	-21.087	61.496	9.660	QP
6			0.258	34.442	24.781	-17.054	51.496	9.660	AV
7			0.350	41.436	31.569	-17.526	58.962	9.868	QP
8		*	0.350	35.171	25.304	-13.791	48.962	9.868	AV
9			3.222	27.894	18.201	-28.106	56.000	9.693	QP
10			3.222	21.876	12.183	-24.124	46.000	9.693	AV
11			16.954	23.274	13.309	-36.726	60.000	9.965	QP
12			16.954	17.675	7.710	-32.325	50.000	9.965	AV

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

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

7. CONCLUSION

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

_____ The End _____

Appendix A - Test Setup Photograph

Refer to “2007RSU054-UT” file.

Appendix B - EUT Photograph

Refer to "2007RSU054-UE" file.