5GHz Card #2 + External Antenna

Test Mode:	802.11a - Ant 1	Test Site:	AC1
Test Channel:	36	Test Engineer:	Peak Wang
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
*	6907.5	58.4	6.6	65.0	68.2	-3.2	Peak	Horizontal
	8276.0	36.8	8.1	44.9	74.0	-29.1	Peak	Horizontal
	11506.0	36.5	12.8	49.3	74.0	-24.7	Peak	Horizontal
*	14914.5	36.2	14.9	51.1	68.2	-17.1	Peak	Horizontal
*	6202.0	37.9	4.7	42.6	68.2	-25.6	Peak	Vertical
	7502.5	35.0	8.3	43.3	74.0	-30.7	Peak	Vertical
	10732.5	33.6	12.5	46.1	74.0	-27.9	Peak	Vertical
*	14107.0	35.1	15.2	50.3	68.2	-17.9	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11a - Ant 1	Test Site:	AC1
Test Channel:	44	Test Engineer:	Peak Wang
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
*	6958.5	55.2	6.7	61.9	68.2	-6.3	Peak	Horizontal
	11633.5	36.0	12.4	48.4	74.0	-25.6	Peak	Horizontal
	15663.7	55.8	12.0	67.8	74.0	-6.2	Peak	Horizontal
	15663.7	36.7	12.0	48.7	54.0	-5.3	Average	Horizontal
*	16886.5	35.8	15.2	51.0	68.2	-17.2	Peak	Horizontal
*	6669.5	36.8	5.9	42.7	68.2	-25.5	Peak	Vertical
	7307.0	36.3	8.0	44.3	74.0	-29.7	Peak	Vertical
	15663.8	49.6	12.0	61.6	74.0	-12.4	Peak	Vertical
	15663.8	35.5	12.0	47.5	54.0	-6.5	Average	Vertical
*	17124.5	34.2	15.6	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 of 68.2dBμV/m.

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

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

Test Mode:	802.11a - Ant 1	Test Site:	AC1
Test Channel:	48	Test Engineer:	Peak Wang
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
*	6984.0	52.6	6.8	59.4	68.2	-8.8	Peak	Horizontal
	9313.0	35.5	10.4	45.9	74.0	-28.1	Peak	Horizontal
	15717.4	55.4	11.8	67.2	74.0	-6.8	Peak	Horizontal
	15717.4	39.1	11.8	50.9	54.0	-3.1	Average	Horizontal
*	16886.5	35.2	15.2	50.4	68.2	-17.8	Peak	Horizontal
*	6576.0	36.7	6.0	42.7	68.2	-25.5	Peak	Vertical
	7519.5	36.1	8.3	44.4	74.0	-29.6	Peak	Vertical
	15717.9	52.7	11.8	64.5	74.0	-9.5	Peak	Vertical
	15717.9	38.9	11.8	50.7	54.0	-3.3	Average	Vertical
*	16572.0	34.2	13.7	47.9	68.2	-20.3	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 of 68.2dBμV/m.

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

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

Test Mode:	802.11a - Ant 1	Test Site:	AC1
Test Channel:	149	Test Engineer:	Peak Wang
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
*	6822.5	36.3	6.2	42.5	68.2	-25.7	Peak	Horizontal
	8199.5	36.5	8.3	44.8	74.0	-29.2	Peak	Horizontal
	11684.5	34.9	12.1	47.0	74.0	-27.0	Peak	Horizontal
*	13784.0	35.1	14.3	49.4	68.2	-18.8	Peak	Horizontal
*	7043.5	35.4	7.0	42.4	68.2	-25.8	Peak	Vertical
	9134.5	34.5	9.7	44.2	74.0	-29.8	Peak	Vertical
	11285.0	34.1	12.4	46.5	74.0	-27.5	Peak	Vertical
*	15050.5	35.6	14.5	50.1	68.2	-18.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11a - Ant 1	Test Site:	AC1
Test Channel:	157	Test Engineer:	Peak Wang
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
*	6644.0	37.9	6.0	43.9	68.2	-24.3	Peak	Horizontal
	7502.5	34.3	8.3	42.6	74.0	-31.4	Peak	Horizontal
	11557.0	36.2	12.7	48.9	74.0	-25.1	Peak	Horizontal
*	17345.6	49.7	16.8	66.5	68.2	-1.7	Peak	Horizontal
*	6593.0	36.4	6.0	42.4	68.2	-25.8	Peak	Vertical
	7349.5	36.0	8.0	44.0	74.0	-30.0	Peak	Vertical
	10911.0	36.3	13.0	49.3	74.0	-24.7	Peak	Vertical
*	17362.5	44.5	16.9	61.4	68.2	-6.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11a - Ant 1	Test Site:	AC1
Test Channel:	165	Test Engineer:	Peak Wang
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
*	6627.0	36.5	6.0	42.5	68.2	-25.7	Peak	Horizontal
	9483.0	35.2	10.6	45.8	74.0	-28.2	Peak	Horizontal
	12296.5	35.2	11.6	46.8	74.0	-27.2	Peak	Horizontal
*	17473.0	39.5	17.2	56.7	68.2	-11.5	Peak	Horizontal
*	7927.5	36.3	8.5	44.8	68.2	-23.4	Peak	Vertical
	9355.5	34.6	10.5	45.1	74.0	-28.9	Peak	Vertical
	13367.5	34.6	13.6	48.2	74.0	-25.8	Peak	Vertical
*	17464.5	38.4	17.2	55.6	68.2	-12.6	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11n-HT20 - Ant 1	Test Site:	AC1
Test Channel:	36	Test Engineer:	Peak Wang
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
*	6907.5	56.8	6.6	63.4	68.2	-4.8	Peak	Horizontal
	8097.5	36.1	8.6	44.7	74.0	-29.3	Peak	Horizontal
	10970.5	35.0	13.1	48.1	74.0	-25.9	Peak	Horizontal
*	14132.5	35.3	15.3	50.6	68.2	-17.6	Peak	Horizontal
*	6907.5	36.9	6.6	43.5	68.2	-24.7	Peak	Vertical
	7349.5	35.8	8.0	43.8	74.0	-30.2	Peak	Vertical
	11191.5	34.6	12.5	47.1	74.0	-26.9	Peak	Vertical
*	14659.5	35.7	15.7	51.4	68.2	-16.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11n-HT20 - Ant 1	Test Site:	AC1
Test Channel:	44	Test Engineer:	Peak Wang
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
*	6958.5	53.8	6.7	60.5	68.2	-7.7	Peak	Horizontal
	8463.0	36.3	8.2	44.5	74.0	-29.5	Peak	Horizontal
	15663.6	52.6	12.0	64.6	74.0	-9.4	Peak	Horizontal
	15663.6	35.4	12.0	47.4	54.0	-6.6	Average	Horizontal
*	16920.5	35.9	15.4	51.3	68.2	-16.9	Peak	Horizontal
*	7103.0	35.5	7.5	43.0	68.2	-25.2	Peak	Vertical
	11684.5	33.6	12.1	45.7	74.0	-28.3	Peak	Vertical
	15663.7	48.6	12.0	60.6	74.0	-13.4	Peak	Vertical
	15663.7	33.5	12.0	45.5	54.0	-8.5	Average	Vertical
*	16886.5	34.6	15.2	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 of 68.2dBμV/m.

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

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

Test Mode:	802.11n-HT20 - Ant 1	Test Site:	AC1
Test Channel:	48	Test Engineer:	Peak Wang
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
*	6984.0	51.3	6.8	58.1	68.2	-10.1	Peak	Horizontal
	10970.5	35.0	13.1	48.1	74.0	-25.9	Peak	Horizontal
	15716.4	55.4	11.8	67.2	74.0	-6.8	Peak	Horizontal
	15716.4	36.2	11.8	48.0	54.0	-6.0	Average	Horizontal
*	16793.0	34.4	14.8	49.2	68.2	-19.0	Peak	Horizontal
*	7171.0	34.9	7.7	42.6	68.2	-25.6	Peak	Vertical
	9126.0	34.5	9.7	44.2	74.0	-29.8	Peak	Vertical
	15713.5	51.1	11.8	62.9	74.0	-11.1	Peak	Vertical
	15718.0	36.5	11.8	48.3	54.0	-5.7	Average	Vertical
*	16674.0	35.0	14.4	49.4	68.2	-18.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11n-HT20 - Ant 1	Test Site:	AC1
Test Channel:	149	Test Engineer:	Peak Wang
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
*	6593.0	36.1	6.0	42.1	68.2	-26.1	Peak	Horizontal
	8318.5	36.0	8.0	44.0	74.0	-30.0	Peak	Horizontal
	10851.5	34.9	12.8	47.7	74.0	-26.3	Peak	Horizontal
*	14753.0	35.1	15.6	50.7	68.2	-17.5	Peak	Horizontal
*	6890.5	35.4	6.5	41.9	68.2	-26.3	Peak	Vertical
	7468.5	35.5	8.1	43.6	74.0	-30.4	Peak	Vertical
	10741.0	35.1	12.5	47.6	74.0	-26.4	Peak	Vertical
*	14149.5	35.2	15.3	50.5	68.2	-17.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11n-HT20 - Ant 1	Test Site:	AC1
Test Channel:	157	Test Engineer:	Peak Wang
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
*	6890.5	36.5	6.5	43.0	68.2	-25.2	Peak	Horizontal
	9177.0	34.2	10.0	44.2	74.0	-29.8	Peak	Horizontal
	11582.5	35.7	12.6	48.3	74.0	-25.7	Peak	Horizontal
*	17357.2	50.4	16.9	67.3	68.2	-0.9	Peak	Horizontal
*	6882.0	35.6	6.4	42.0	68.2	-26.2	Peak	Vertical
	7477.0	35.9	8.2	44.1	74.0	-29.9	Peak	Vertical
	11140.5	33.9	12.6	46.5	74.0	-27.5	Peak	Vertical
*	17354.0	46.1	16.9	63.0	68.2	-5.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11n-HT20 - Ant 1	Test Site:	AC1
Test Channel:	165	Test Engineer:	Peak Wang
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
*	7086.0	35.8	7.3	43.1	68.2	-25.1	Peak	Horizontal
	9338.5	35.1	10.4	45.5	74.0	-28.5	Peak	Horizontal
	11540.0	34.7	12.7	47.4	74.0	-26.6	Peak	Horizontal
*	14659.5	35.4	15.7	51.1	68.2	-17.1	Peak	Horizontal
*	7885.0	36.1	8.3	44.4	68.2	-23.8	Peak	Vertical
	9100.5	36.0	9.3	45.3	74.0	-28.7	Peak	Vertical
	11582.5	35.2	12.6	47.8	74.0	-26.2	Peak	Vertical
*	14030.5	35.0	14.9	49.9	68.2	-18.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11n-HT40 - Ant 1	Test Site:	AC1
Test Channel:	38	Test Engineer:	Peak Wang
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
*	6924.5	51.1	6.6	57.7	68.2	-10.5	Peak	Horizontal
	9122.4	34.2	9.6	43.8	74.0	-30.2	Peak	Horizontal
	11923.5	33.8	11.8	45.6	74.0	-28.4	Peak	Horizontal
*	13843.5	34.7	14.5	49.2	68.2	-19.0	Peak	Horizontal
*	6924.5	36.8	6.6	43.4	68.2	-24.8	Peak	Vertical
	7562.0	37.4	8.2	45.6	74.0	-28.4	Peak	Vertical
	11412.5	34.1	12.6	46.7	74.0	-27.3	Peak	Vertical
*	14251.5	34.6	15.5	50.1	68.2	-18.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11n-HT40 - Ant 1	Test Site:	AC1
Test Channel:	46	Test Engineer:	Peak Wang
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
*	6975.5	52.9	6.8	59.7	68.2	-8.5	Peak	Horizontal
	9168.5	34.4	9.9	44.3	74.0	-29.7	Peak	Horizontal
	15690.3	48.7	11.9	60.6	74.0	-13.4	Peak	Horizontal
	15690.3	33.4	11.9	45.3	54.0	-8.7	Average	Horizontal
*	16835.5	35.3	15.0	50.3	68.2	-17.9	Peak	Horizontal
*	6567.5	36.5	6.0	42.5	68.2	-25.7	Peak	Vertical
	8259.0	35.9	8.1	44.0	74.0	-30.0	Peak	Vertical
	15692.2	47.3	11.9	59.2	74.0	-14.8	Peak	Vertical
	15692.2	32.6	11.9	44.5	54.0	-9.5	Average	Vertical
*	16572.0	33.8	13.7	47.5	68.2	-20.7	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 of 68.2dBμV/m.

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

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

Test Mode:	802.11n-HT40 - Ant 1	Test Site:	AC1
Test Channel:	151	Test Engineer:	Peak Wang
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
*	8684.0	36.0	9.0	45.0	68.2	-23.2	Peak	Horizontal
	11523.0	35.7	12.7	48.4	74.0	-25.6	Peak	Horizontal
	12311.5	34.1	11.6	45.7	74.0	-28.3	Peak	Horizontal
*	16823.6	34.3	15.0	49.3	68.2	-18.9	Peak	Horizontal
*	7011.6	34.6	6.9	41.5	68.2	-26.7	Peak	Vertical
	9121.4	33.5	9.6	43.1	74.0	-30.9	Peak	Vertical
	11119.4	34.0	12.7	46.7	74.0	-27.3	Peak	Vertical
*	16836.5	34.3	15.0	49.3	68.2	-18.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11n-HT40 - Ant 1	Test Site:	AC1
Test Channel:	159	Test Engineer:	Peak Wang
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
*	6935.1	35.3	6.6	41.9	68.2	-26.3	Peak	Horizontal
	9369.1	33.4	10.5	43.9	74.0	-30.1	Peak	Horizontal
	16463.5	33.5	13.3	46.8	74.0	-27.2	Peak	Horizontal
*	17371.0	38.2	17.0	55.2	68.2	-13.0	Peak	Horizontal
*	6937.2	34.9	6.6	41.5	68.2	-26.7	Peak	Vertical
	12343.4	33.7	11.5	45.2	74.0	-28.8	Peak	Vertical
	16372.7	35.4	10.9	46.3	74.0	-27.7	Peak	Vertical
*	17371.0	37.8	17.0	54.8	68.2	-13.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT20 - Ant 1	Test Site:	AC1
Test Channel:	36	Test Engineer:	Peak Wang
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
*	6907.5	57.2	6.6	63.8	68.2	-4.4	Peak	Horizontal
	7654.3	35.5	8.0	43.5	74.0	-30.5	Peak	Horizontal
	9423.6	33.7	10.6	44.3	74.0	-29.7	Peak	Horizontal
*	16537.6	33.4	13.6	47.0	68.2	-21.2	Peak	Horizontal
*	6786.3	34.6	5.9	40.5	68.2	-27.7	Peak	Vertical
	9123.4	32.9	9.6	42.5	74.0	-31.5	Peak	Vertical
	11235.5	33.2	12.4	45.6	74.0	-28.4	Peak	Vertical
*	16542.4	33.2	13.6	46.8	68.2	-21.4	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 of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT20 - Ant 1	Test Site:	AC1
Test Channel:	44	Test Engineer:	Peak Wang
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
*	6958.5	53.4	6.7	60.1	68.2	-8.1	Peak	Horizontal
	11479.5	34.6	12.7	47.3	74.0	-26.7	Peak	Horizontal
	15663.6	53.1	12.0	65.1	74.0	-8.9	Peak	Horizontal
	15663.6	35.1	12.0	47.1	54.0	-6.9	Average	Horizontal
*	16456.3	33.2	13.2	46.4	68.2	-21.8	Peak	Horizontal
*	8654.4	34.7	8.8	43.5	68.2	-24.7	Peak	Vertical
	9456.6	33.3	10.5	43.8	74.0	-30.2	Peak	Vertical
	15663.3	48.2	12.0	60.2	74.0	-13.8	Peak	Vertical
	15663.3	33.8	12.0	45.8	54.0	-8.2	Average	Vertical
*	16575.3	32.8	13.7	46.5	68.2	-21.7	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 of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT20 - Ant 1	Test Site:	AC1
Test Channel:	48	Test Engineer:	Peak Wang
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
*	6984.0	51.7	6.8	58.5	68.2	-9.7	Peak	Horizontal
	11921.4	33.2	11.8	45.0	74.0	-29.0	Peak	Horizontal
	15717.5	52.1	11.8	63.9	74.0	-10.1	Peak	Horizontal
	15717.5	38.0	11.8	49.8	54.0	-4.2	Average	Horizontal
*	16563.3	33.1	13.7	46.8	68.2	-21.4	Peak	Horizontal
*	7923.6	34.9	8.5	43.4	68.2	-24.8	Peak	Vertical
	9456.5	33.2	10.5	43.7	74.0	-30.3	Peak	Vertical
	15719.4	51.8	11.8	63.6	74.0	-10.4	Peak	Vertical
	15719.4	37.5	11.8	49.3	54.0	-4.7	Average	Vertical
*	16594.6	33.8	13.8	47.6	68.2	-20.6	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 of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT20 - Ant 1	Test Site:	AC1
Test Channel:	149	Test Engineer:	Peak Wang
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
*	6946.0	34.9	6.7	41.6	68.2	-26.6	Peak	Horizontal
	9349.5	33.7	10.5	44.2	74.0	-29.8	Peak	Horizontal
	12345.4	33.6	11.5	45.1	74.0	-28.9	Peak	Horizontal
*	16457.2	33.0	13.2	46.2	68.2	-22.0	Peak	Horizontal
*	6945.4	34.5	6.7	41.2	68.2	-27.0	Peak	Vertical
	9476.5	33.4	10.6	44.0	74.0	-30.0	Peak	Vertical
	12346.5	33.5	11.5	45.0	74.0	-29.0	Peak	Vertical
*	16453.6	32.7	13.2	45.9	68.2	-22.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT20 - Ant 1	Test Site:	AC1
Test Channel:	157	Test Engineer:	Peak Wang
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
*	6985.5	34.9	6.8	41.7	68.2	-26.5	Peak	Horizontal
	9457.6	33.0	10.5	43.5	74.0	-30.5	Peak	Horizontal
	12196.6	34.0	11.7	45.7	74.0	-28.3	Peak	Horizontal
*	17345.5	50.7	16.8	67.5	68.2	-0.7	Peak	Horizontal
*	6945.8	34.5	6.7	41.2	68.2	-27.0	Peak	Vertical
	9137.3	33.9	9.7	43.6	74.0	-30.4	Peak	Vertical
	12133.5	34.2	11.9	46.1	74.0	-27.9	Peak	Vertical
*	17345.7	50.1	16.8	66.9	68.2	-1.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT20 - Ant 1	Test Site:	AC1
Test Channel:	165	Test Engineer:	Peak Wang
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
*	6867.5	35.4	6.4	41.8	68.2	-26.4	Peak	Horizontal
	9149.5	33.8	9.8	43.6	74.0	-30.4	Peak	Horizontal
	11931.4	33.6	11.9	45.5	74.0	-28.5	Peak	Horizontal
*	17354.0	42.7	16.9	59.6	68.2	-8.6	Peak	Horizontal
*	6789.5	34.3	6.0	40.3	68.2	-27.9	Peak	Vertical
	9156.4	33.0	9.8	42.8	74.0	-31.2	Peak	Vertical
	11923.5	33.3	11.8	45.1	74.0	-28.9	Peak	Vertical
*	17362.5	41.6	16.9	58.5	68.2	-9.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT40 - Ant 1	Test Site:	AC1
Test Channel:	38	Test Engineer:	Peak Wang
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
*	6924.5	53.0	6.6	59.6	68.2	-8.6	Peak	Horizontal
	7694.4	34.9	8.0	42.9	74.0	-31.1	Peak	Horizontal
	9456.5	34.0	10.5	44.5	74.0	-29.5	Peak	Horizontal
*	13123.6	33.8	12.5	46.3	68.2	-21.9	Peak	Horizontal
*	6879.5	35.3	6.4	41.7	68.2	-26.5	Peak	Vertical
	9451.5	33.6	10.5	44.1	74.0	-29.9	Peak	Vertical
	12119.5	33.8	11.9	45.7	74.0	-28.3	Peak	Vertical
*	16496.5	34.2	13.4	47.6	68.2	-20.6	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 of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT40 - Ant 1	Test Site:	AC1
Test Channel:	46	Test Engineer:	Peak Wang
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
*	6975.5	54.4	6.8	61.2	68.2	-7.0	Peak	Horizontal
	11496.6	34.0	12.8	46.8	74.0	-27.2	Peak	Horizontal
	15692.3	51.1	11.9	63.0	74.0	-11.0	Peak	Horizontal
	15692.3	34.3	11.9	46.2	54.0	-7.8	Average	Horizontal
*	16874.6	35.2	15.2	50.4	68.2	-17.8	Peak	Horizontal
*	6974.6	36.1	6.8	42.9	68.2	-25.3	Peak	Vertical
	9457.6	33.7	10.5	44.2	74.0	-29.8	Peak	Vertical
	15692.2	45.4	11.9	57.3	74.0	-16.7	Peak	Vertical
	15692.2	33.1	11.9	45.0	54.0	-9.0	Average	Vertical
*	16497.6	33.6	13.4	47.0	68.2	-21.2	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 of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT40 - Ant 1	Test Site:	AC1
Test Channel:	151	Test Engineer:	Peak Wang
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
*	6745.9	35.0	5.7	40.7	68.2	-27.5	Peak	Horizontal
	9478.6	33.4	10.6	44.0	74.0	-30.0	Peak	Horizontal
	12178.6	34.8	11.8	46.6	74.0	-27.4	Peak	Horizontal
*	13947.4	33.8	14.7	48.5	68.2	-19.7	Peak	Horizontal
*	6784.6	35.5	5.9	41.4	68.2	-26.8	Peak	Vertical
	9348.5	33.6	10.5	44.1	74.0	-29.9	Peak	Vertical
	12475.5	33.6	11.5	45.1	74.0	-28.9	Peak	Vertical
*	14957.5	34.5	14.8	49.3	68.2	-18.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT40 - Ant 1	Test Site:	AC1
Test Channel:	159	Test Engineer:	Peak Wang
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
*	6784.6	35.5	5.9	41.4	68.2	-26.8	Peak	Horizontal
	9478.5	34.2	10.6	44.8	74.0	-29.2	Peak	Horizontal
	11942.6	34.2	11.9	46.1	74.0	-27.9	Peak	Horizontal
*	14784.5	34.0	15.3	49.3	68.2	-18.9	Peak	Horizontal
*	7147.4	35.0	7.7	42.7	68.2	-25.5	Peak	Vertical
	9478.5	33.8	10.6	44.4	74.0	-29.6	Peak	Vertical
	12475.5	33.7	11.5	45.2	74.0	-28.8	Peak	Vertical
*	17371.0	38.7	17.0	55.7	68.2	-12.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT80 - Ant 1	Test Site:	AC1
Test Channel:	42	Test Engineer:	Peak Wang
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
*	6950.0	50.0	6.7	56.7	68.2	-11.5	Peak	Horizontal
	7637.5	35.2	8.0	43.2	74.0	-30.8	Peak	Horizontal
	11475.2	34.0	12.7	46.7	74.0	-27.3	Peak	Horizontal
*	13745.6	33.6	14.2	47.8	68.2	-20.4	Peak	Horizontal
*	7124.7	34.5	7.6	42.1	68.2	-26.1	Peak	Vertical
	9317.6	33.4	10.4	43.8	74.0	-30.2	Peak	Vertical
	11921.5	34.1	11.8	45.9	74.0	-28.1	Peak	Vertical
*	13578.5	33.6	14.0	47.6	68.2	-20.6	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 of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT80 - Ant 1	Test Site:	AC1
Test Channel:	155	Test Engineer:	Peak Wang
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
*	6784.6	34.7	5.9	40.6	68.2	-27.6	Peak	Horizontal
	9478.5	33.3	10.6	43.9	74.0	-30.1	Peak	Horizontal
	12475.5	34.1	11.5	45.6	74.0	-28.4	Peak	Horizontal
*	13745.5	33.7	14.2	47.9	68.2	-20.3	Peak	Horizontal
*	6596.8	35.3	6.0	41.3	68.2	-26.9	Peak	Vertical
	9457.5	33.2	10.5	43.7	74.0	-30.3	Peak	Vertical
	11479.5	34.5	12.7	47.2	74.0	-26.8	Peak	Vertical
*	13784.5	33.0	14.3	47.3	68.2	-20.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11a - Ant 2	Test Site:	AC1
Test Channel:	36	Test Engineer:	Peak Wang
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
*	6879.5	35.3	6.4	41.7	68.2	-26.5	Peak	Horizontal
	9147.5	34.1	9.8	43.9	74.0	-30.1	Peak	Horizontal
	11478.6	34.6	12.7	47.3	74.0	-26.7	Peak	Horizontal
*	13784.6	33.8	14.3	48.1	68.2	-20.1	Peak	Horizontal
*	6907.5	52.6	6.6	59.2	68.2	-9.0	Peak	Vertical
	9147.6	33.6	9.8	43.4	74.0	-30.6	Peak	Vertical
	12475.5	34.0	11.5	45.5	74.0	-28.5	Peak	Vertical
*	14783.5	34.4	15.4	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 of 68.2dBμV/m.

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

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

Test Mode:	802.11a - Ant 2	Test Site:	AC1
Test Channel:	44	Test Engineer:	Peak Wang
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
*	7142.6	34.9	7.7	42.6	68.2	-25.6	Peak	Horizontal
	11475.6	34.1	12.7	46.8	74.0	-27.2	Peak	Horizontal
	15663.3	43.9	12.0	55.9	74.0	-18.1	Peak	Horizontal
	15663.3	27.4	12.0	39.4	54.0	-14.6	Average	Horizontal
*	16489.5	33.6	13.4	47.0	68.2	-21.2	Peak	Horizontal
*	6958.5	52.6	6.7	59.3	68.2	-8.9	Peak	Vertical
	9347.6	33.7	10.5	44.2	74.0	-29.8	Peak	Vertical
	15671.0	38.6	11.9	50.5	54.0	-3.5	Peak	Vertical
	15671.0	54.8	11.9	66.7	74.0	-7.3	Average	Vertical
*	16472.3	33.6	13.3	46.9	68.2	-21.3	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 of 68.2dBμV/m.

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

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

Test Mode:	802.11a - Ant 2	Test Site:	AC1
Test Channel:	48	Test Engineer:	Peak Wang
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
*	7147.5	34.4	7.7	42.1	68.2	-26.1	Peak	Horizontal
	9478.5	33.5	10.6	44.1	74.0	-29.9	Peak	Horizontal
	15720.2	56.0	11.8	67.8	74.0	-6.2	Peak	Horizontal
	15720.2	36.7	11.8	48.5	54.0	-5.5	Average	Horizontal
*	16478.5	33.3	13.3	46.6	68.2	-21.6	Peak	Horizontal
*	6984.0	48.7	6.8	55.5	68.2	-12.7	Peak	Vertical
	10928.0	33.9	13.0	46.9	74.0	-27.1	Peak	Vertical
	15723.2	61.7	11.8	73.5	74.0	-0.5	Peak	Vertical
	15723.2	38.4	11.8	50.2	54.0	-3.8	Average	Vertical
*	17099.0	34.7	15.6	50.3	68.2	-17.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11a - Ant 2	Test Site:	AC1
Test Channel:	149	Test Engineer:	Peak Wang
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
*	6593.0	35.6	6.0	41.6	68.2	-26.6	Peak	Horizontal
	8199.5	35.7	8.3	44.0	74.0	-30.0	Peak	Horizontal
	10945.0	34.8	13.1	47.9	74.0	-26.1	Peak	Horizontal
*	14285.5	35.0	15.5	50.5	68.2	-17.7	Peak	Horizontal
*	7800.0	36.5	8.4	44.9	68.2	-23.3	Peak	Vertical
	9058.0	35.5	9.0	44.5	74.0	-29.5	Peak	Vertical
	10783.5	34.8	12.6	47.4	74.0	-26.6	Peak	Vertical
*	13860.5	35.0	14.5	49.5	68.2	-18.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11a - Ant 2	Test Site:	AC1
Test Channel:	157	Test Engineer:	Peak Wang
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
*	7171.0	35.3	7.7	43.0	68.2	-25.2	Peak	Horizontal
	9423.5	33.7	10.6	44.3	74.0	-29.7	Peak	Horizontal
	11574.0	36.2	12.6	48.8	74.0	-25.2	Peak	Horizontal
*	17349.7	48.3	16.8	65.1	68.2	-3.1	Peak	Horizontal
*	7018.0	35.8	6.9	42.7	68.2	-25.5	Peak	Vertical
	9338.5	35.1	10.4	45.5	74.0	-28.5	Peak	Vertical
	11565.5	38.2	12.7	50.9	74.0	-23.1	Peak	Vertical
*	17354.0	48.5	16.9	65.4	68.2	-2.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11a - Ant 2	Test Site:	AC1
Test Channel:	165	Test Engineer:	Peak Wang
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
*	7043.5	35.2	7.0	42.2	68.2	-26.0	Peak	Horizontal
	9338.5	33.4	10.4	43.8	74.0	-30.2	Peak	Horizontal
	11072.5	34.3	12.8	47.1	74.0	-26.9	Peak	Horizontal
*	14234.5	34.9	15.5	50.4	68.2	-17.8	Peak	Horizontal
*	6584.5	36.8	6.0	42.8	68.2	-25.4	Peak	Vertical
	7536.5	35.2	8.3	43.5	74.0	-30.5	Peak	Vertical
	10953.5	34.7	13.1	47.8	74.0	-26.2	Peak	Vertical
*	14260.0	34.6	15.5	50.1	68.2	-18.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11n-HT20 - Ant 2	Test Site:	AC1
Test Channel:	36	Test Engineer:	Peak Wang
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
*	6355.0	34.7	5.2	39.9	68.2	-28.3	Peak	Horizontal
	7366.5	34.5	7.9	42.4	74.0	-31.6	Peak	Horizontal
	10953.5	34.7	13.1	47.8	74.0	-26.2	Peak	Horizontal
*	14090.0	35.2	15.1	50.3	68.2	-17.9	Peak	Horizontal
*	6907.5	54.8	6.6	61.4	68.2	-6.8	Peak	Vertical
	8259.0	35.0	8.1	43.1	74.0	-30.9	Peak	Vertical
	11123.5	35.3	12.7	48.0	74.0	-26.0	Peak	Vertical
*	14362.0	34.4	15.6	50.0	68.2	-18.2	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 of 68.2dBμV/m.

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

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

Test Mode:	802.11n-HT20 - Ant 2	Test Site:	AC1
Test Channel:	44	Test Engineer:	Peak Wang
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
*	6593.0	36.8	6.0	42.8	68.2	-25.4	Peak	Horizontal
	7468.5	35.0	8.1	43.1	74.0	-30.9	Peak	Horizontal
	15662.2	44.3	12.0	56.3	74.0	-17.7	Peak	Horizontal
	15662.2	31.4	12.0	43.4	54.0	-10.6	Average	Horizontal
*	16674.0	35.5	14.4	49.9	68.2	-18.3	Peak	Horizontal
*	6958.5	50.8	6.7	57.5	68.2	-10.7	Peak	Vertical
	8463.0	35.4	8.2	43.6	74.0	-30.4	Peak	Vertical
	15658.1	54.5	12.0	66.5	74.0	-7.5	Peak	Vertical
	15658.1	37.1	12.0	49.1	54.0	-4.9	Average	Vertical
*	16818.5	34.8	14.9	49.7	68.2	-18.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11n-HT20 - Ant 2	Test Site:	AC1
Test Channel:	48	Test Engineer:	Peak Wang
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
*	6933.0	37.1	6.6	43.7	68.2	-24.5	Peak	Horizontal
	8471.5	36.7	8.2	44.9	74.0	-29.1	Peak	Horizontal
	15772.5	54.5	11.7	66.2	74.0	-7.8	Peak	Horizontal
	15772.5	39.0	11.7	50.7	54.0	-3.3	Average	Horizontal
*	16869.5	34.8	15.2	50.0	68.2	-18.2	Peak	Horizontal
*	6984.0	48.9	6.8	55.7	68.2	-12.5	Peak	Vertical
	9015.5	34.1	8.9	43.0	74.0	-31.0	Peak	Vertical
	15731.5	60.2	11.8	72.0	74.0	-2.0	Peak	Vertical
	15731.5	39.6	11.8	51.4	54.0	-2.6	Average	Vertical
*	16682.5	35.2	14.4	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 of 68.2dBμV/m.

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

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

Test Mode:	802.11n-HT20 - Ant 2	Test Site:	AC1
Test Channel:	149	Test Engineer:	Peak Wang
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
*	6652.5	36.1	6.0	42.1	68.2	-26.1	Peak	Horizontal
	8089.0	35.6	8.6	44.2	74.0	-29.8	Peak	Horizontal
	11404.0	35.1	12.5	47.6	74.0	-26.4	Peak	Horizontal
*	14098.5	35.0	15.1	50.1	68.2	-18.1	Peak	Horizontal
*	7103.0	35.0	7.5	42.5	68.2	-25.7	Peak	Vertical
	9049.5	34.5	9.0	43.5	74.0	-30.5	Peak	Vertical
	12041.5	35.6	12.0	47.6	74.0	-26.4	Peak	Vertical
*	14532.0	34.7	15.7	50.4	68.2	-17.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11n-HT20 - Ant 2	Test Site:	AC1
Test Channel:	157	Test Engineer:	Peak Wang
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
*	6482.5	36.2	5.9	42.1	68.2	-26.1	Peak	Horizontal
	7434.5	36.6	8.0	44.6	74.0	-29.4	Peak	Horizontal
	11021.5	35.3	13.0	48.3	74.0	-25.7	Peak	Horizontal
*	17351.8	35.9	27.5	63.4	68.2	-4.8	Peak	Horizontal
*	6440.0	36.0	5.7	41.7	68.2	-26.5	Peak	Vertical
	7341.0	35.9	7.9	43.8	74.0	-30.2	Peak	Vertical
	10979.0	34.7	13.0	47.7	74.0	-26.3	Peak	Vertical
*	17362.5	42.9	16.9	59.8	68.2	-8.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11n-HT20 - Ant 2	Test Site:	AC1
Test Channel:	165	Test Engineer:	Peak Wang
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
*	6559.0	36.0	6.0	42.0	68.2	-26.2	Peak	Horizontal
	7468.5	34.9	8.1	43.0	74.0	-31.0	Peak	Horizontal
	11174.5	34.1	12.6	46.7	74.0	-27.3	Peak	Horizontal
*	17473.0	38.5	17.2	55.7	68.2	-12.5	Peak	Horizontal
*	7978.5	36.2	8.7	44.9	68.2	-23.3	Peak	Vertical
	9347.0	34.6	10.5	45.1	74.0	-28.9	Peak	Vertical
	11276.5	33.5	12.4	45.9	74.0	-28.1	Peak	Vertical
*	17481.5	39.4	17.3	56.7	68.2	-11.5	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11n-HT40 - Ant 2	Test Site:	AC1
Test Channel:	38	Test Engineer:	Peak Wang
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
*	6584.5	36.9	6.0	42.9	68.2	-25.3	Peak	Horizontal
	7681.0	36.3	8.0	44.3	74.0	-29.7	Peak	Horizontal
	11582.5	35.7	12.6	48.3	74.0	-25.7	Peak	Horizontal
*	14217.5	35.9	15.4	51.3	68.2	-16.9	Peak	Horizontal
*	6916.0	49.3	6.6	55.9	68.2	-12.3	Peak	Vertical
	8097.5	36.0	8.6	44.6	74.0	-29.4	Peak	Vertical
	11463.5	35.1	12.7	47.8	74.0	-26.2	Peak	Vertical
*	13665.0	33.4	13.9	47.3	68.2	-20.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11n-HT40 - Ant 2	Test Site:	AC1
Test Channel:	46	Test Engineer:	Peak Wang
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
*	6525.0	34.4	5.9	40.3	68.2	-27.9	Peak	Horizontal
	8123.0	35.9	8.6	44.5	74.0	-29.5	Peak	Horizontal
	15699.5	45.9	11.9	57.8	74.0	-16.2	Peak	Horizontal
	15699.5	31.7	11.9	43.6	54.0	-10.4	Average	Horizontal
*	17252.0	34.3	16.1	50.4	68.2	-17.8	Peak	Horizontal
*	6975.5	50.7	6.8	57.5	68.2	-10.7	Peak	Vertical
	11361.5	35.4	12.6	48.0	74.0	-26.0	Peak	Vertical
	15692.6	53.7	11.9	65.6	74.0	-8.4	Peak	Vertical
	15692.6	38.0	11.9	49.9	54.0	-4.1	Average	Vertical
*	16878.0	34.9	15.2	50.1	68.2	-18.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11n-HT40 - Ant 2	Test Site:	AC1
Test Channel:	151	Test Engineer:	Peak Wang
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
*	6584.5	35.8	6.0	41.8	68.2	-26.4	Peak	Horizontal
	8267.5	35.8	8.1	43.9	74.0	-30.1	Peak	Horizontal
	11268.0	35.1	12.4	47.5	74.0	-26.5	Peak	Horizontal
*	13537.5	35.8	13.8	49.6	68.2	-18.6	Peak	Horizontal
*	6593.0	35.9	6.0	41.9	68.2	-26.3	Peak	Vertical
	8301.5	35.4	8.0	43.4	74.0	-30.6	Peak	Vertical
	11497.5	35.6	12.8	48.4	74.0	-25.6	Peak	Vertical
*	13860.5	34.8	14.5	49.3	68.2	-18.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11n-HT40 - Ant 2	Test Site:	AC1
Test Channel:	159	Test Engineer:	Peak Wang
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
*	6244.5	35.8	4.7	40.5	68.2	-27.7	Peak	Horizontal
	7349.5	36.4	8.0	44.4	74.0	-29.6	Peak	Horizontal
	11021.5	34.0	13.0	47.0	74.0	-27.0	Peak	Horizontal
*	13733.0	35.0	14.2	49.2	68.2	-19.0	Peak	Horizontal
*	6533.5	35.8	5.9	41.7	68.2	-26.5	Peak	Vertical
	8242.0	34.9	8.1	43.0	74.0	-31.0	Peak	Vertical
	11582.5	36.1	12.6	48.7	74.0	-25.3	Peak	Vertical
*	14787.0	35.5	15.3	50.8	68.2	-17.4	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT20 - Ant 2	Test Site:	AC1
Test Channel:	36	Test Engineer:	Peak Wang
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
*	7009.5	35.7	6.9	42.6	68.2	-25.6	Peak	Horizontal
	9304.5	33.8	10.4	44.2	74.0	-29.8	Peak	Horizontal
	11667.5	36.5	12.2	48.7	74.0	-25.3	Peak	Horizontal
*	14744.5	36.2	15.6	51.8	68.2	-16.4	Peak	Horizontal
*	6907.5	52.0	6.6	58.6	68.2	-9.6	Peak	Vertical
	9117.5	34.4	9.5	43.9	74.0	-30.1	Peak	Vertical
	11293.5	34.3	12.5	46.8	74.0	-27.2	Peak	Vertical
*	13418.5	35.0	13.6	48.6	68.2	-19.6	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 of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT20 - Ant 2	Test Site:	AC1
Test Channel:	44	Test Engineer:	Peak Wang
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
*	8769.0	35.5	8.9	44.4	68.2	-23.8	Peak	Horizontal
	11404.0	34.6	12.6	47.2	74.0	-26.8	Peak	Horizontal
	15671.0	45.6	11.9	57.5	74.0	-16.5	Peak	Horizontal
	15655.4	29.0	12.0	41.0	54.0	-13.0	Average	Horizontal
*	17073.5	35.8	15.6	51.4	68.2	-16.8	Peak	Horizontal
*	6958.5	50.4	6.7	57.1	68.2	-11.1	Peak	Vertical
	9381.0	34.4	10.5	44.9	74.0	-29.1	Peak	Vertical
	15657.7	52.5	12.0	64.5	74.0	-9.5	Peak	Vertical
	15657.7	38.1	12.0	50.1	54.0	-3.9	Average	Vertical
*	16929.0	35.0	15.4	50.4	68.2	-17.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT20 - Ant 2	Test Site:	AC1
Test Channel:	48	Test Engineer:	Peak Wang
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
*	8684.0	34.8	9.0	43.8	68.2	-24.4	Peak	Horizontal
	11514.5	35.4	12.8	48.2	74.0	-25.8	Peak	Horizontal
	15739.0	52.4	11.8	64.2	74.0	-9.8	Peak	Horizontal
	15722.6	35.5	11.8	47.3	54.0	-6.7	Average	Horizontal
*	16716.5	34.9	14.5	49.4	68.2	-18.8	Peak	Horizontal
*	6984.0	48.9	6.8	55.7	68.2	-12.5	Peak	Vertical
	9330.0	35.0	10.4	45.4	74.0	-28.6	Peak	Vertical
	15730.4	60.3	11.8	72.1	74.0	-1.9	Peak	Vertical
	15722.7	37.6	11.8	49.4	54.0	-4.6	Average	Vertical
*	16742.0	35.3	14.6	49.9	68.2	-18.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT20 - Ant 2	Test Site:	AC1
Test Channel:	149	Test Engineer:	Peak Wang
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
*	6627.0	37.1	6.0	43.1	68.2	-25.1	Peak	Horizontal
	8199.5	35.7	8.3	44.0	74.0	-30.0	Peak	Horizontal
	11055.5	34.5	12.9	47.4	74.0	-26.6	Peak	Horizontal
*	13673.5	35.6	13.9	49.5	68.2	-18.7	Peak	Horizontal
*	6576.0	35.8	6.0	41.8	68.2	-26.4	Peak	Vertical
	7400.5	34.9	7.9	42.8	74.0	-31.2	Peak	Vertical
	10868.5	34.9	12.8	47.7	74.0	-26.3	Peak	Vertical
*	14005.0	35.2	14.9	50.1	68.2	-18.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT20 - Ant 2	Test Site:	AC1
Test Channel:	157	Test Engineer:	Peak Wang
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
*	6737.5	35.3	5.7	41.0	68.2	-27.2	Peak	Horizontal
	7392.0	37.2	7.9	45.1	74.0	-28.9	Peak	Horizontal
	11582.5	35.1	12.6	47.7	74.0	-26.3	Peak	Horizontal
*	17353.8	46.6	16.9	63.5	68.2	-4.7	Peak	Horizontal
*	6593.0	36.5	6.0	42.5	74.0	-31.5	Peak	Vertical
	8072.0	36.0	8.7	44.7	74.0	-29.3	Peak	Vertical
	11565.5	36.9	12.7	49.6	74.0	-24.4	Peak	Vertical
*	17362.5	42.3	16.9	59.2	68.2	-9.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT20 - Ant 2	Test Site:	AC1
Test Channel:	165	Test Engineer:	Peak Wang
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
*	6950.0	34.9	6.7	41.6	68.2	-26.6	Peak	Horizontal
	9168.5	35.1	9.9	45.0	74.0	-29.0	Peak	Horizontal
	11642.0	35.0	12.4	47.4	74.0	-26.6	Peak	Horizontal
*	17473.0	41.3	17.2	58.5	68.2	-9.7	Peak	Horizontal
*	6703.5	35.8	5.8	41.6	68.2	-26.6	Peak	Vertical
	9338.5	33.8	10.4	44.2	74.0	-29.8	Peak	Vertical
	11650.5	35.7	12.3	48.0	74.0	-26.0	Peak	Vertical
*	17473.0	41.1	17.2	58.3	68.2	-9.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT40 - Ant 2	Test Site:	AC1
Test Channel:	38	Test Engineer:	Peak Wang
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
*	6261.5	37.2	4.8	42.0	68.2	-26.2	Peak	Horizontal
	7392.0	36.3	7.9	44.2	74.0	-29.8	Peak	Horizontal
	11446.5	34.3	12.7	47.0	74.0	-27.0	Peak	Horizontal
*	13911.5	33.8	14.6	48.4	68.2	-19.8	Peak	Horizontal
*	6916.0	49.0	6.6	55.6	68.2	-12.6	Peak	Vertical
	8089.0	35.3	8.6	43.9	74.0	-30.1	Peak	Vertical
	11404.0	34.4	12.6	47.0	74.0	-27.0	Peak	Vertical
*	14141.0	34.9	15.3	50.2	68.2	-18.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT40 - Ant 2	Test Site:	AC1
Test Channel:	46	Test Engineer:	Peak Wang
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
*	6856.5	35.2	6.4	41.6	68.2	-26.6	Peak	Horizontal
	8284.5	35.4	8.1	43.5	74.0	-30.5	Peak	Horizontal
	15697.5	45.2	11.9	57.1	74.0	-16.9	Peak	Horizontal
	15697.5	32.3	11.9	44.2	54.0	-9.8	Average	Horizontal
*	16971.5	34.0	15.4	49.4	68.2	-18.8	Peak	Horizontal
*	6975.5	49.4	6.8	56.2	68.2	-12.0	Peak	Vertical
	9381.0	34.0	10.5	44.5	74.0	-29.5	Peak	Vertical
	15692.7	52.9	11.9	64.8	74.0	-9.2	Peak	Vertical
	15692.7	38.0	11.9	49.9	54.0	-4.1	Average	Vertical
*	16954.5	34.9	15.4	50.3	68.2	-17.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT40 - Ant 2	Test Site:	AC1
Test Channel:	151	Test Engineer:	Peak Wang
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
*	6992.5	35.9	6.8	42.7	68.2	-25.5	Peak	Horizontal
	9313.0	35.1	10.4	45.5	74.0	-28.5	Peak	Horizontal
	11174.5	33.0	12.6	45.6	74.0	-28.4	Peak	Horizontal
*	14166.5	34.0	15.3	49.3	68.2	-18.9	Peak	Horizontal
*	7009.5	35.0	6.9	41.9	68.2	-26.3	Peak	Vertical
	8140.0	35.7	8.5	44.2	74.0	-29.8	Peak	Vertical
	11072.5	34.9	12.8	47.7	74.0	-26.3	Peak	Vertical
*	13911.5	34.9	14.6	49.5	68.2	-18.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT40 - Ant 2	Test Site:	AC1
Test Channel:	159	Test Engineer:	Peak Wang
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
*	6907.5	36.3	6.6	42.9	68.2	-25.3	Peak	Horizontal
	9151.5	35.2	9.8	45.0	74.0	-29.0	Peak	Horizontal
	11574.0	33.8	12.6	46.4	74.0	-27.6	Peak	Horizontal
*	17371.0	41.5	17.0	58.5	68.2	-9.7	Peak	Horizontal
*	6822.5	35.0	6.2	41.2	68.2	-27.0	Peak	Vertical
	8310.0	36.1	8.0	44.1	74.0	-29.9	Peak	Vertical
	11591.0	35.7	12.6	48.3	74.0	-25.7	Peak	Vertical
*	17388.0	40.9	17.0	57.9	68.2	-10.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT80 - Ant 2	Test Site:	AC1
Test Channel:	42	Test Engineer:	Peak Wang
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
*	6941.5	37.2	6.6	43.8	68.2	-24.4	Peak	Horizontal
	8055.0	36.2	8.8	45.0	74.0	-29.0	Peak	Horizontal
	10945.0	34.3	13.1	47.4	74.0	-26.6	Peak	Horizontal
*	13665.0	33.2	13.9	47.1	68.2	-21.1	Peak	Horizontal
*	6950.0	47.2	6.7	53.9	68.2	-14.3	Peak	Vertical
	8080.5	36.0	8.6	44.6	74.0	-29.4	Peak	Vertical
	11004.5	34.7	13.0	47.7	74.0	-26.3	Peak	Vertical
*	14200.5	35.3	15.4	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 of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT80 - Ant 2	Test Site:	AC1
Test Channel:	155	Test Engineer:	Peak Wang
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
*	6865.0	36.9	6.4	43.3	68.2	-24.9	Peak	Horizontal
	8199.5	34.0	8.3	42.3	74.0	-31.7	Peak	Horizontal
	11064.0	34.8	12.8	47.6	74.0	-26.4	Peak	Horizontal
*	14387.5	35.1	15.8	50.9	68.2	-17.3	Peak	Horizontal
*	6584.5	35.4	6.0	41.4	68.2	-26.8	Peak	Vertical
	9466.0	33.6	10.5	44.1	74.0	-29.9	Peak	Vertical
	11523.0	34.9	12.7	47.6	74.0	-26.4	Peak	Vertical
*	14285.5	36.0	15.5	51.5	68.2	-16.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11a - Ant 1 + 2	Test Site:	AC1
Test Channel:	36	Test Engineer:	Peak Wang
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
*	6907.5	53.2	6.6	59.8	68.2	-8.4	Peak	Horizontal
	9311.4	34.1	10.4	44.5	74.0	-29.5	Peak	Horizontal
	13253.1	35.0	12.7	47.7	74.0	-26.3	Peak	Horizontal
*	16732.2	34.4	14.6	49.0	68.2	-19.2	Peak	Horizontal
*	6907.5	53.2	6.6	59.8	68.2	-8.4	Peak	Vertical
	9311.4	34.1	10.4	44.5	74.0	-29.5	Peak	Vertical
	13253.1	35.0	12.7	47.7	74.0	-26.3	Peak	Vertical
*	16732.2	34.4	14.6	49.0	68.2	-19.2	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 of 68.2dBμV/m.

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

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

Test Mode:	802.11a - Ant 1 + 2	Test Site:	AC1
Test Channel:	44	Test Engineer:	Peak Wang
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
*	6958.5	53.2	6.7	59.9	68.2	-8.3	Peak	Horizontal
	9133.2	33.7	9.7	43.4	74.0	-30.6	Peak	Horizontal
	15662.5	53.9	12.0	65.9	74.0	-8.1	Peak	Horizontal
	15662.5	39.2	12.0	51.2	54.0	-2.8	Average	Horizontal
*	17065.0	36.0	15.6	51.6	68.2	-16.6	Peak	Horizontal
*	6958.5	50.3	6.7	57.0	68.2	-11.2	Peak	Vertical
	8106.0	36.6	8.6	45.2	74.0	-28.8	Peak	Vertical
	15663.6	55.6	12.0	67.6	74.0	-6.4	Peak	Vertical
	15663.6	41.3	12.0	53.3	54.0	-0.7	Average	Vertical
*	16444.5	35.8	13.2	49.0	68.2	-19.2	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 of 68.2dBμV/m.

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

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

Test Mode:	802.11a - Ant 1 + 2	Test Site:	AC1
Test Channel:	48	Test Engineer:	Peak Wang
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
*	6984.0	46.7	13.1	59.8	68.2	-8.4	Peak	Horizontal
	8293.0	36.3	8.0	44.3	74.0	-29.7	Peak	Horizontal
	15713.5	60.0	11.8	71.8	74.0	-2.2	Peak	Horizontal
	15713.5	39.8	11.8	51.6	54.0	-2.4	Average	Horizontal
*	16801.5	33.7	14.8	48.5	68.2	-19.7	Peak	Horizontal
*	6984.0	44.5	13.1	57.6	68.2	-10.6	Peak	Vertical
	10953.5	34.0	13.1	47.1	74.0	-26.9	Peak	Vertical
	15722.0	59.4	11.8	71.2	74.0	-2.8	Peak	Vertical
	15722.0	41.4	11.8	53.2	54.0	-0.8	Average	Vertical
*	16589.0	36.1	13.7	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 of 68.2dBμV/m.

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

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

Test Mode:	802.11a - Ant 1 + 2	Test Site:	AC1
Test Channel:	149	Test Engineer:	Peak Wang
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
*	5539.0	42.8	3.5	46.3	68.2	-21.9	Peak	Horizontal
	7426.0	42.3	8.0	50.3	74.0	-23.7	Peak	Horizontal
	9491.5	41.9	10.6	52.5	74.0	-21.5	Peak	Horizontal
*	12815.0	43.6	11.8	55.4	68.2	-12.8	Peak	Horizontal
*	6525.0	42.3	5.9	48.2	68.2	-20.0	Peak	Vertical
	8089.0	41.7	8.6	50.3	74.0	-23.7	Peak	Vertical
	10758.0	41.7	12.5	54.2	74.0	-19.8	Peak	Vertical
*	14243.0	43.8	15.5	59.3	68.2	-8.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11a - Ant 1 + 2	Test Site:	AC1
Test Channel:	157	Test Engineer:	Peak Wang
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
*	6576.0	36.7	6.0	42.7	68.2	-25.5	Peak	Horizontal
	8412.0	35.7	8.1	43.8	74.0	-30.2	Peak	Horizontal
	11013.0	34.4	13.0	47.4	74.0	-26.6	Peak	Horizontal
*	17362.5	50.6	16.9	67.5	68.2	-0.7	Peak	Horizontal
*	6448.5	35.8	5.7	41.5	68.2	-26.7	Peak	Vertical
	7511.0	36.3	8.3	44.6	74.0	-29.4	Peak	Vertical
	11565.5	36.6	12.7	49.3	74.0	-24.7	Peak	Vertical
*	17345.5	48.7	16.8	65.5	68.2	-2.7	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11a - Ant 1 + 2	Test Site:	AC1
Test Channel:	165	Test Engineer:	Peak Wang
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
*	6482.5	30.4	11.9	42.3	68.2	-25.9	Peak	Horizontal
	8259.0	28.9	15.1	44.0	74.0	-30.0	Peak	Horizontal
	11650.5	28.7	20.5	49.2	74.0	-24.8	Peak	Horizontal
*	17481.5	39.4	17.3	56.7	68.2	-11.5	Peak	Horizontal
*	6491.0	29.5	12.0	41.5	68.2	-26.7	Peak	Vertical
	8327.0	27.8	15.1	42.9	74.0	-31.1	Peak	Vertical
	11650.5	21.3	28.7	50.0	74.0	-24.0	Peak	Vertical
*	17464.5	38.9	17.2	56.1	68.2	-12.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11n-HT20 - Ant 1 + 2	Test Site:	AC1
Test Channel:	36	Test Engineer:	Peak Wang
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
*	6907.5	54.1	6.6	60.7	68.2	-7.5	Peak	Horizontal
	9194.0	34.6	10.1	44.7	74.0	-29.3	Peak	Horizontal
	11463.5	34.0	12.7	46.7	74.0	-27.3	Peak	Horizontal
*	13869.0	35.6	14.6	50.2	68.2	-18.0	Peak	Horizontal
*	6907.5	53.4	6.6	60.0	68.2	-8.2	Peak	Vertical
	8165.5	35.0	8.4	43.4	74.0	-30.6	Peak	Vertical
	10630.5	34.3	12.4	46.7	74.0	-27.3	Peak	Vertical
*	13996.5	33.7	14.9	48.6	68.2	-19.6	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 of 68.2dBμV/m.

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

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

Test Mode:	802.11n-HT20 - Ant 1 + 2	Test Site:	AC1
Test Channel:	44	Test Engineer:	Peak Wang
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
*	6958.5	52.3	6.3	58.6	68.2	-9.6	Peak	Horizontal
	8080.5	36.3	8.6	44.9	74.0	-29.1	Peak	Horizontal
	15654.0	54.6	12.0	66.6	74.0	-7.4	Peak	Horizontal
	15654.0	36.7	12.0	48.7	54.0	-5.3	Average	Horizontal
*	17048.0	32.2	15.5	47.7	68.2	-20.5	Peak	Horizontal
*	6958.5	48.5	6.7	55.2	68.2	-13.0	Peak	Vertical
	8463.0	34.5	8.2	42.7	74.0	-31.3	Peak	Vertical
	15662.4	53.9	11.9	65.8	74.0	-8.2	Peak	Vertical
	15662.4	37.4	11.9	49.3	54.0	-4.7	Average	Vertical
*	16665.5	32.5	14.3	46.8	68.2	-21.4	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 of 68.2dBμV/m.

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

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

Test Mode:	802.11n-HT20 - Ant 1 + 2	Test Site:	AC1
Test Channel:	48	Test Engineer:	Peak Wang
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
*	6984.0	49.7	6.8	56.5	68.2	-11.7	Peak	Horizontal
	8420.5	34.9	8.2	43.1	74.0	-30.9	Peak	Horizontal
	15719.8	58.2	11.8	70.0	74.0	-4.0	Peak	Horizontal
	15719.8	41.0	11.8	52.8	54.0	-1.2	Average	Horizontal
*	16665.5	33.0	14.3	47.3	68.2	-20.9	Peak	Horizontal
*	6984.0	47.7	6.8	54.5	68.2	-13.7	Peak	Vertical
	9185.5	34.4	10.0	44.4	74.0	-29.6	Peak	Vertical
	15722.0	59.6	11.8	71.4	74.0	-2.6	Peak	Vertical
	15722.0	40.3	11.8	52.1	54.0	-1.9	Average	Vertical
*	16827.0	33.3	15.0	48.3	68.2	-19.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11n-HT20 - Ant 1 + 2	Test Site:	AC1
Test Channel:	149	Test Engineer:	Peak Wang
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
*	6678.0	34.0	5.9	39.9	68.2	-28.3	Peak	Horizontal
	7579.0	34.1	8.2	42.3	74.0	-31.7	Peak	Horizontal
	10877.0	34.9	12.9	47.8	74.0	-26.2	Peak	Horizontal
*	14889.0	35.4	15.0	50.4	68.2	-17.8	Peak	Horizontal
*	6610.0	35.6	6.0	41.6	68.2	-26.6	Peak	Vertical
	7502.5	35.7	8.3	44.0	74.0	-30.0	Peak	Vertical
	9423.5	35.6	10.6	46.2	74.0	-27.8	Peak	Vertical
*	14387.5	34.6	15.8	50.4	68.2	-17.8	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11n-HT20 - Ant 1 + 2	Test Site:	AC1
Test Channel:	157	Test Engineer:	Peak Wang
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
*	6346.5	36.2	5.1	41.3	68.2	-26.9	Peak	Horizontal
	8250.5	36.9	7.2	44.1	74.0	-29.9	Peak	Horizontal
	11038.5	35.7	12.9	48.6	74.0	-25.4	Peak	Horizontal
*	17354.0	50.5	16.9	67.4	68.2	-0.8	Peak	Horizontal
*	6576.0	37.6	6.0	43.6	68.2	-24.6	Peak	Vertical
	7485.5	36.3	8.2	44.5	74.0	-29.5	Peak	Vertical
	11557.0	38.6	12.7	51.3	74.0	-22.7	Peak	Vertical
*	17354.0	49.0	16.9	65.9	68.2	-2.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11n-HT20 - Ant 1 + 2	Test Site:	AC1
Test Channel:	165	Test Engineer:	Peak Wang
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
*	6533.5	35.3	5.9	41.2	68.2	-27.0	Peak	Horizontal
	8106.0	36.3	8.6	44.9	74.0	-29.1	Peak	Horizontal
	10826.0	36.9	12.7	49.6	74.0	-24.4	Peak	Horizontal
*	13605.5	36.1	13.9	50.0	68.2	-18.2	Peak	Horizontal
*	6567.5	36.2	6.0	42.2	68.2	-26.0	Peak	Vertical
	7553.5	35.7	8.3	44.0	74.0	-30.0	Peak	Vertical
	10834.5	34.6	12.7	47.3	74.0	-26.7	Peak	Vertical
*	14285.5	35.7	15.5	51.2	68.2	-17.0	Peak	Vertical

Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11n-HT40 - Ant 1 + 2	Test Site:	AC1
Test Channel:	38	Test Engineer:	Peak Wang
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
*	6916.0	49.5	6.6	56.1	68.2	-12.1	Peak	Horizontal
	8089.0	36.6	8.6	45.2	74.0	-28.8	Peak	Horizontal
	10613.5	35.9	12.4	48.3	74.0	-25.7	Peak	Horizontal
*	14107.0	35.7	15.2	50.9	68.2	-17.3	Peak	Horizontal
*	6916.0	48.1	6.6	54.7	68.2	-13.5	Peak	Vertical
	8131.5	35.4	8.5	43.9	74.0	-30.1	Peak	Vertical
	10775.0	35.3	12.5	47.8	74.0	-26.2	Peak	Vertical
*	14812.5	34.0	15.2	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 of 68.2dBμV/m.

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

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

Test Mode:	802.11n-HT40 - Ant 1 + 2	Test Site:	AC1
Test Channel:	46	Test Engineer:	Peak Wang
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
*	6975.5	52.6	6.8	59.4	68.2	-8.8	Peak	Horizontal
	10868.5	35.4	12.8	48.2	74.0	-25.8	Peak	Horizontal
	15699.9	55.4	11.9	67.3	74.0	-6.7	Peak	Horizontal
	15699.9	38.5	11.9	50.4	54.0	-3.6	Average	Horizontal
*	16980.0	35.5	15.4	50.9	68.2	-17.3	Peak	Horizontal
*	6975.5	48.6	6.8	55.4	68.2	-12.8	Peak	Vertical
	11582.5	35.9	12.6	48.5	74.0	-25.5	Peak	Vertical
	15688.0	55.8	11.9	67.7	74.0	-6.3	Peak	Vertical
	15688.0	39.9	11.9	51.8	54.0	-2.2	Average	Vertical
*	16793.0	34.7	14.8	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 of 68.2dBμV/m.

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

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

Test Mode:	802.11n-HT40 - Ant 1 + 2	Test Site:	AC1
Test Channel:	151	Test Engineer:	Peak Wang
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
*	6865.0	35.7	6.4	42.1	68.2	-26.1	Peak	Horizontal
	7409.0	36.1	8.0	44.1	74.0	-29.9	Peak	Horizontal
	10681.5	35.9	12.4	48.3	74.0	-25.7	Peak	Horizontal
*	13801.0	35.9	14.4	50.3	68.2	-17.9	Peak	Horizontal
*	6338.0	35.4	5.1	40.5	68.2	-27.7	Peak	Vertical
	7358.0	35.7	8.0	43.7	74.0	-30.3	Peak	Vertical
	10851.5	35.3	12.8	48.1	74.0	-25.9	Peak	Vertical
*	14600.0	35.6	15.7	51.3	68.2	-16.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11n-HT40 - Ant 1 + 2	Test Site:	AC1
Test Channel:	159	Test Engineer:	Peak Wang
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
*	6049.0	35.6	4.1	39.7	68.2	-28.5	Peak	Horizontal
	7315.5	35.0	8.0	43.0	74.0	-31.0	Peak	Horizontal
	10868.5	35.1	12.8	47.9	74.0	-26.1	Peak	Horizontal
*	14999.5	35.5	14.7	50.2	68.2	-18.0	Peak	Horizontal
*	6584.5	35.2	6.0	41.2	68.2	-27.0	Peak	Vertical
	9007.0	36.0	8.9	44.9	74.0	-29.1	Peak	Vertical
	11582.5	36.3	12.6	48.9	74.0	-25.1	Peak	Vertical
*	17362.5	42.8	16.9	59.7	68.2	-8.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT20 - Ant 1 + 2	Test Site:	AC1
Test Channel:	36	Test Engineer:	Peak Wang
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
*	6907.5	54.6	6.6	61.2	68.2	-7.0	Peak	Horizontal
	8097.5	35.6	8.6	44.2	74.0	-29.8	Peak	Horizontal
	11140.5	35.5	12.6	48.1	74.0	-25.9	Peak	Horizontal
*	15127.0	36.2	14.2	50.4	68.2	-17.8	Peak	Horizontal
*	6907.5	53.8	6.6	60.4	68.2	-7.8	Peak	Vertical
	8114.5	36.5	8.6	45.1	74.0	-28.9	Peak	Vertical
	10826.0	34.9	12.7	47.6	74.0	-26.4	Peak	Vertical
*	14192.0	36.3	15.4	51.7	68.2	-16.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT20 - Ant 1 + 2	Test Site:	AC1
Test Channel:	44	Test Engineer:	Peak Wang
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
*	6958.5	52.2	6.7	58.9	68.2	-9.3	Peak	Horizontal
	11523.0	35.3	12.7	48.0	74.0	-26.0	Peak	Horizontal
	15679.5	56.8	12.0	68.8	74.0	-5.2	Peak	Horizontal
	15663.3	38.9	12.0	50.9	54.0	-3.1	Average	Horizontal
*	16835.5	34.6	15.0	49.6	68.2	-18.6	Peak	Horizontal
*	6958.5	49.1	6.7	55.8	68.2	-12.4	Peak	Vertical
	10707.0	35.9	12.4	48.3	74.0	-25.7	Peak	Vertical
	15662.8	57.1	12.0	69.1	74.0	-4.9	Peak	Vertical
	15662.8	40.0	12.0	52.0	54.0	-2.0	Average	Vertical
*	16852.5	36.0	15.1	51.1	68.2	-17.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT20 - Ant 1 + 2	Test Site:	AC1
Test Channel:	48	Test Engineer:	Peak Wang
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
*	6984.0	51.3	6.8	58.1	68.2	-10.1	Peak	Horizontal
	11548.5	35.4	12.7	48.1	74.0	-25.9	Peak	Horizontal
	15719.8	60.8	11.8	72.6	74.0	-1.4	Peak	Horizontal
	15719.8	40.5	11.8	52.3	54.0	-1.7	Average	Horizontal
*	16725.0	34.4	14.5	48.9	74.0	-25.1	Peak	Horizontal
*	6984.0	48.1	6.8	54.9	68.2	-13.3	Peak	Vertical
	9372.5	35.2	10.5	45.7	74.0	-28.3	Peak	Vertical
	15722.7	57.7	11.8	69.5	74.0	-4.5	Peak	Vertical
	15722.7	39.9	11.8	51.7	54.0	-2.3	Average	Vertical
*	16886.5	34.1	15.2	49.3	68.2	-18.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT20 - Ant 1 + 2	Test Site:	AC1
Test Channel:	149	Test Engineer:	Peak Wang
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
*	6661.0	35.6	6.0	41.6	68.2	-26.6	Peak	Horizontal
	8089.0	35.9	8.6	44.5	74.0	-29.5	Peak	Horizontal
	11557.0	35.1	12.7	47.8	74.0	-26.2	Peak	Horizontal
*	14608.5	36.1	15.7	51.8	68.2	-16.4	Peak	Horizontal
*	6618.5	35.7	6.0	41.7	68.2	-26.5	Peak	Vertical
	8208.0	36.2	8.3	44.5	74.0	-29.5	Peak	Vertical
	11497.5	34.6	12.8	47.4	74.0	-26.6	Peak	Vertical
*	14294.0	34.8	15.5	50.3	68.2	-17.9	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT20 - Ant 1 + 2	Test Site:	AC1
Test Channel:	157	Test Engineer:	Peak Wang
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
*	6210.5	37.4	4.7	42.1	68.2	-26.1	Peak	Horizontal
	8097.5	36.9	8.6	45.5	74.0	-28.5	Peak	Horizontal
	11565.5	35.8	12.7	48.5	74.0	-25.5	Peak	Horizontal
*	17345.5	50.4	16.8	67.2	68.2	-1.0	Peak	Horizontal
*	6261.5	37.0	4.8	41.8	68.2	-26.4	Peak	Vertical
	7349.5	36.7	8.0	44.7	74.0	-29.3	Peak	Vertical
	11565.5	37.8	12.7	50.5	74.0	-23.5	Peak	Vertical
*	17345.5	50.3	16.8	67.1	68.2	-1.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT20 - Ant 1 + 2	Test Site:	AC1
Test Channel:	165	Test Engineer:	Peak Wang
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
*	6542.0	35.6	5.9	41.5	68.2	-26.7	Peak	Horizontal
	8055.0	35.1	8.8	43.9	74.0	-30.1	Peak	Horizontal
	10843.0	36.3	12.7	49.0	74.0	-25.0	Peak	Horizontal
*	14387.5	35.3	15.8	51.1	68.2	-17.1	Peak	Horizontal
*	6661.0	35.0	6.0	41.0	68.2	-27.2	Peak	Vertical
	9466.0	33.8	10.5	44.3	74.0	-29.7	Peak	Vertical
	12305.0	35.2	11.6	46.8	74.0	-27.2	Peak	Vertical
*	14251.5	34.7	15.5	50.2	68.2	-18.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT40 - Ant 1 + 2	Test Site:	AC1
Test Channel:	38	Test Engineer:	Peak Wang
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
*	6916.0	49.6	6.6	56.2	68.2	-12.0	Peak	Horizontal
	9406.5	35.1	10.6	45.7	74.0	-28.3	Peak	Horizontal
	11744.0	35.2	11.9	47.1	74.0	-26.9	Peak	Horizontal
*	14200.5	36.2	15.4	51.6	68.2	-16.6	Peak	Horizontal
*	6916.0	48.9	6.6	55.5	68.2	-12.7	Peak	Vertical
	9304.5	36.0	10.4	46.4	74.0	-27.6	Peak	Vertical
	11650.5	36.1	12.3	48.4	74.0	-25.6	Peak	Vertical
*	14319.5	35.5	15.6	51.1	68.2	-17.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT40 - Ant 1 + 2	Test Site:	AC1
Test Channel:	46	Test Engineer:	Peak Wang
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
*	6975.5	52.7	6.8	59.5	68.2	-8.7	Peak	Horizontal
	9423.5	35.4	10.6	46.0	74.0	-28.0	Peak	Horizontal
	15692.6	55.6	11.9	67.5	74.0	-6.5	Peak	Horizontal
	15692.6	38.5	11.9	50.4	54.0	-3.6	Average	Horizontal
*	16980.0	34.5	15.4	49.9	68.2	-18.3	Peak	Horizontal
*	6975.5	48.8	6.8	55.6	68.2	-12.6	Peak	Vertical
	9321.5	34.8	10.4	45.2	74.0	-28.8	Peak	Vertical
	15692.5	57.1	11.9	69.0	74.0	-5.0	Peak	Vertical
	15692.5	39.4	11.9	51.3	54.0	-2.7	Average	Vertical
*	17141.5	34.5	15.7	50.2	68.2	-18.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT40 - Ant 1 + 2	Test Site:	AC1
Test Channel:	151	Test Engineer:	Peak Wang
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
*	6627.0	36.6	6.0	42.6	68.2	-25.6	Peak	Horizontal
	7349.5	35.9	8.0	43.9	74.0	-30.1	Peak	Horizontal
	9483.0	35.2	10.6	45.8	74.0	-28.2	Peak	Horizontal
*	15178.0	34.4	13.9	48.3	68.2	-19.9	Peak	Horizontal
*	6941.5	35.7	6.6	42.3	68.2	-25.9	Peak	Vertical
	8165.5	35.9	8.4	44.3	74.0	-29.7	Peak	Vertical
	11421.0	35.3	12.6	47.9	74.0	-26.1	Peak	Vertical
*	14243.0	34.7	15.5	50.2	68.2	-18.0	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT40 - Ant 1 + 2	Test Site:	AC1
Test Channel:	159	Test Engineer:	Peak Wang
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
*	6389.0	35.2	5.3	40.5	68.2	-27.7	Peak	Horizontal
	8276.0	35.1	8.1	43.2	74.0	-30.8	Peak	Horizontal
	10996.0	35.0	13.0	48.0	74.0	-26.0	Peak	Horizontal
*	17430.5	37.9	17.1	55.0	68.2	-13.2	Peak	Horizontal
*	6576.0	35.2	6.0	41.2	68.2	-27.0	Peak	Vertical
	7638.5	34.3	8.0	42.3	74.0	-31.7	Peak	Vertical
	11982.0	35.5	11.9	47.4	74.0	-26.6	Peak	Vertical
*	17430.5	40.8	17.1	57.9	68.2	-10.3	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT80 - Ant 1 + 2	Test Site:	AC1
Test Channel:	42	Test Engineer:	Peak Wang
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
*	6950.0	50.0	6.7	56.7	68.2	-11.5	Peak	Horizontal
	9092.0	34.6	9.2	43.8	74.0	-30.2	Peak	Horizontal
	11565.5	35.3	12.7	48.0	74.0	-26.0	Peak	Horizontal
*	14829.5	35.1	15.1	50.2	68.2	-18.0	Peak	Horizontal
*	6950.0	47.7	6.7	54.4	68.2	-13.8	Peak	Vertical
	8310.0	35.4	8.0	43.4	74.0	-30.6	Peak	Vertical
	11081.0	34.5	12.9	47.4	74.0	-26.6	Peak	Vertical
*	14081.5	35.9	15.1	51.0	68.2	-17.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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

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

Test Mode:	802.11ac-VHT80 - Ant 1 + 2	Test Site:	AC1
Test Channel:	155	Test Engineer:	Peak Wang
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
*	7043.5	34.6	7.0	41.6	68.2	-26.6	Peak	Horizontal
	7715.0	35.8	8.0	43.8	74.0	-30.2	Peak	Horizontal
	10834.5	34.9	12.7	47.6	74.0	-26.4	Peak	Horizontal
*	14353.5	36.1	15.6	51.7	68.2	-16.5	Peak	Horizontal
*	7026.5	35.7	6.9	42.6	68.2	-25.6	Peak	Vertical
	9483.0	35.0	10.6	45.6	74.0	-28.4	Peak	Vertical
	11531.5	35.2	12.7	47.9	74.0	-26.1	Peak	Vertical
*	14702.0	35.2	15.7	50.9	68.2	-17.3	Peak	Vertical

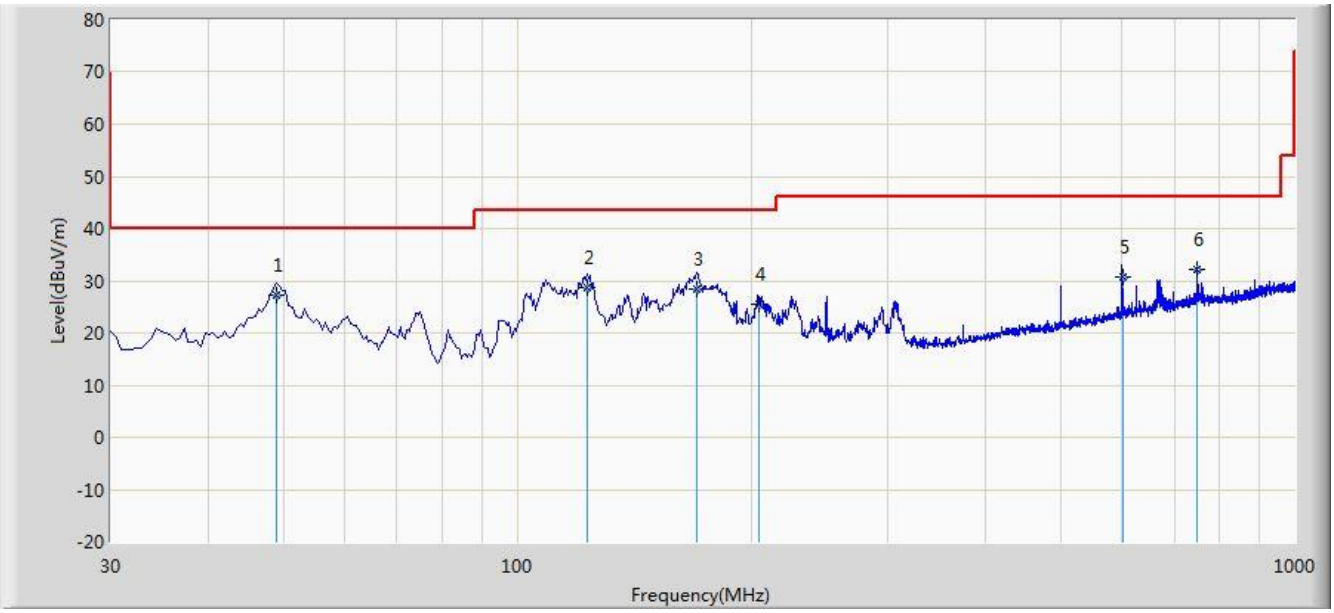
Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions of 68.2dBμV/m.

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: AC 1	Time: 2016/01/15 - 14:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: VULB9162_0.03-8GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode : Transmit by 802.11a at channel 5785MHz Ant 1 + 2 with 5GHz card #1 and internal antenna	

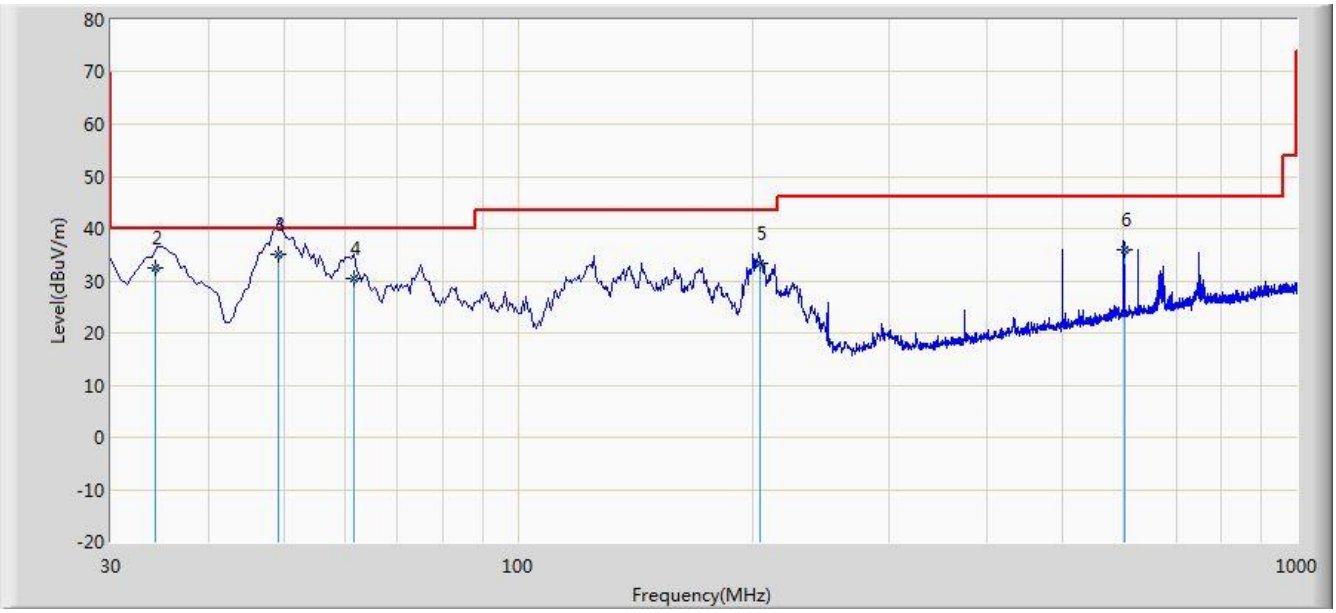


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	49.025	27.242	13.147	-12.758	40.000	14.095	QP
2			123.022	28.766	15.433	-14.734	43.500	13.333	QP
3			170.235	28.550	14.315	-14.950	43.500	14.236	QP
4			204.315	25.442	14.258	-18.058	43.500	11.184	QP
5			600.175	30.719	10.223	-15.281	46.000	20.496	QP
6			750.132	32.229	9.522	-13.771	46.000	22.706	QP

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

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

Site: AC 1	Time: 2016/01/15 - 14:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: VULB9162_0.03-8GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode : Transmit by 802.11a at channel 5785MHz Ant 1 + 2 with 5GHz card #1 and internal antenna	

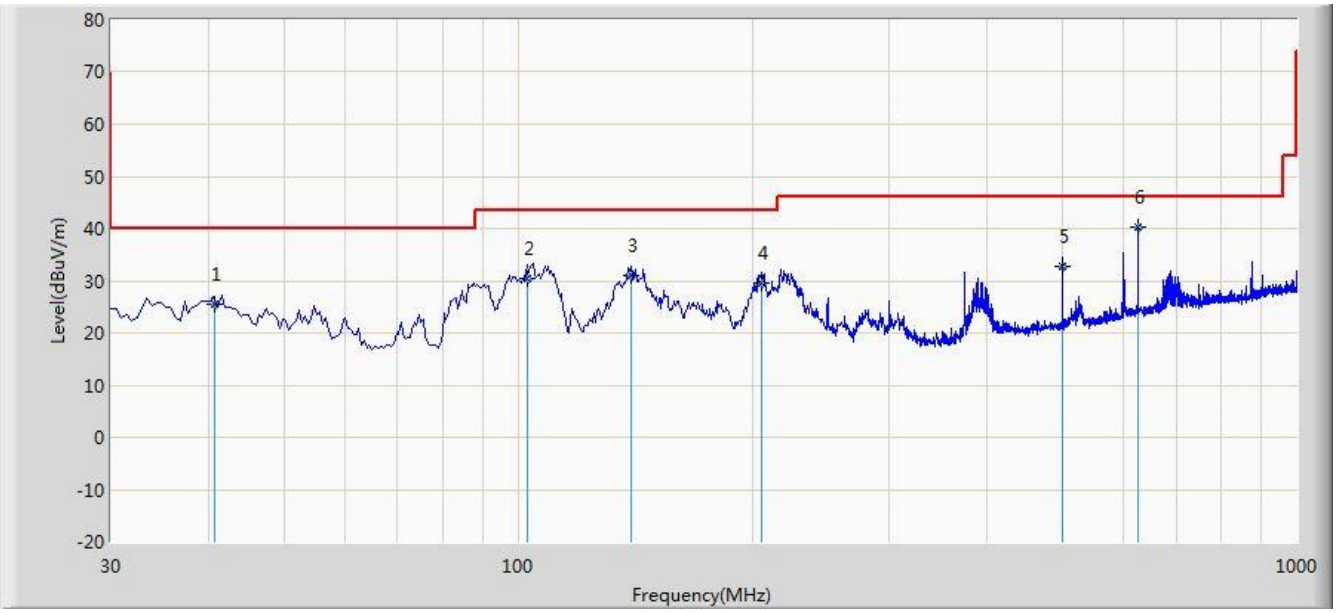


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			12.002	38.618	21.306	-30.882	69.500	17.312	QP
2			34.256	32.353	18.555	-7.647	40.000	13.798	QP
3		*	49.240	35.162	21.070	-4.838	40.000	14.092	QP
4			61.624	30.319	17.257	-9.681	40.000	13.062	QP
5			204.302	33.289	22.105	-10.211	43.500	11.184	QP
6			600.132	35.960	15.466	-10.040	46.000	20.495	QP

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

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

Site: AC 1	Time: 2016/01/14 - 09:47
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: VULB9162_0.03-8GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode : Transmit by 802.11a at channel 5785MHz Ant 1 + 2 with 5GHz card #2 and external antenna	

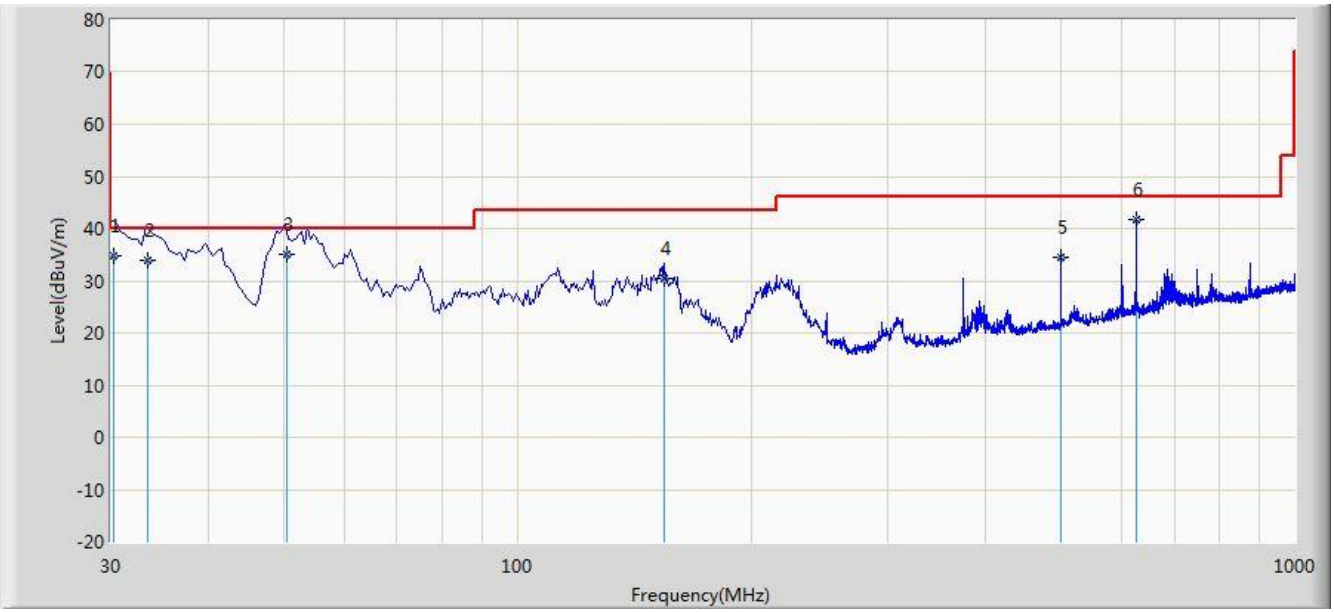


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			40.765	25.504	11.032	-14.496	40.000	14.472	QP
2			102.852	30.412	19.153	-13.088	43.500	11.259	QP
3			139.755	31.050	16.580	-12.450	43.500	14.470	QP
4			205.638	29.620	18.426	-13.880	43.500	11.194	QP
5			500.025	32.852	14.369	-13.148	46.000	18.484	QP
6		*	625.004	40.381	19.355	-5.619	46.000	21.026	QP

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

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

Site: AC 1	Time: 2016/01/14 - 09:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: VULB9162_0.03-8GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode : Transmit by 802.11a at channel 5785MHz Ant 1 + 2 with 5GHz card #2 and external antenna	

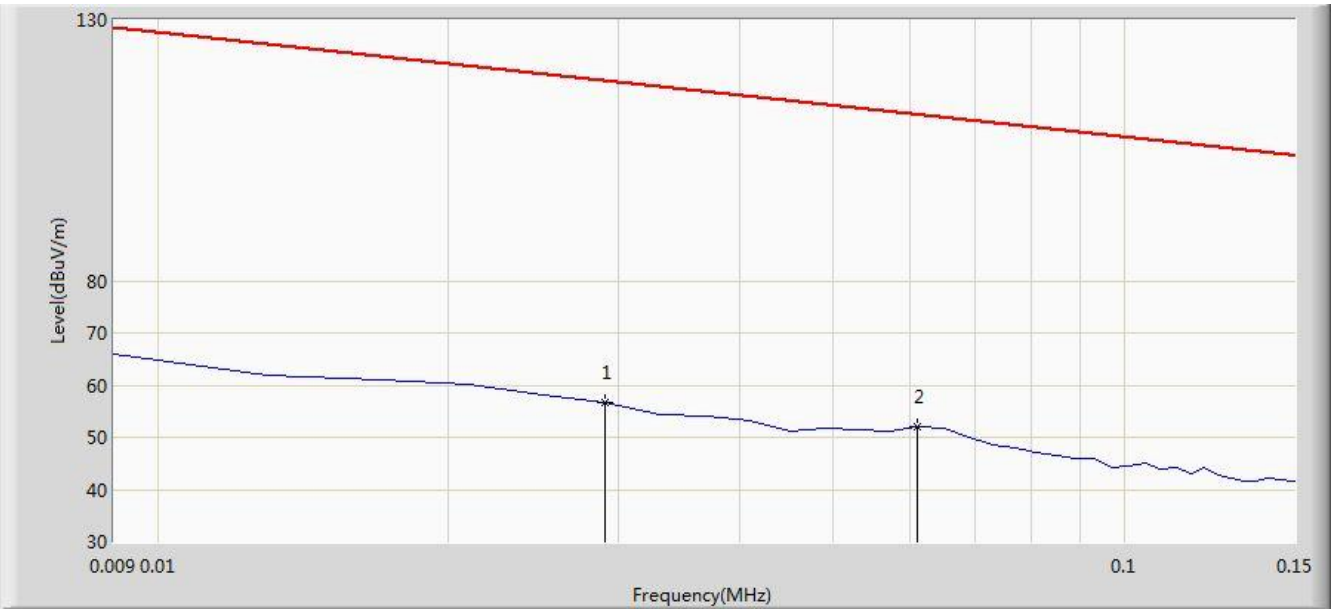


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			30.220	34.807	21.190	-5.193	40.000	13.617	QP
2			33.402	33.881	20.135	-6.119	40.000	13.747	QP
3			50.436	35.053	21.032	-4.947	40.000	14.021	QP
4			154.866	30.511	15.325	-12.989	43.500	15.186	QP
5			500.035	34.381	15.897	-11.619	46.000	18.484	QP
6		*	625.115	41.678	20.652	-4.322	46.000	21.027	QP

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

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

Site: AC1	Time: 2016/01/12 - 09:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: FMZB1519_0.009-30MHz	Polarity: Face on
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Note: There is the ambient noise within frequency range 9kHz~30MHz	

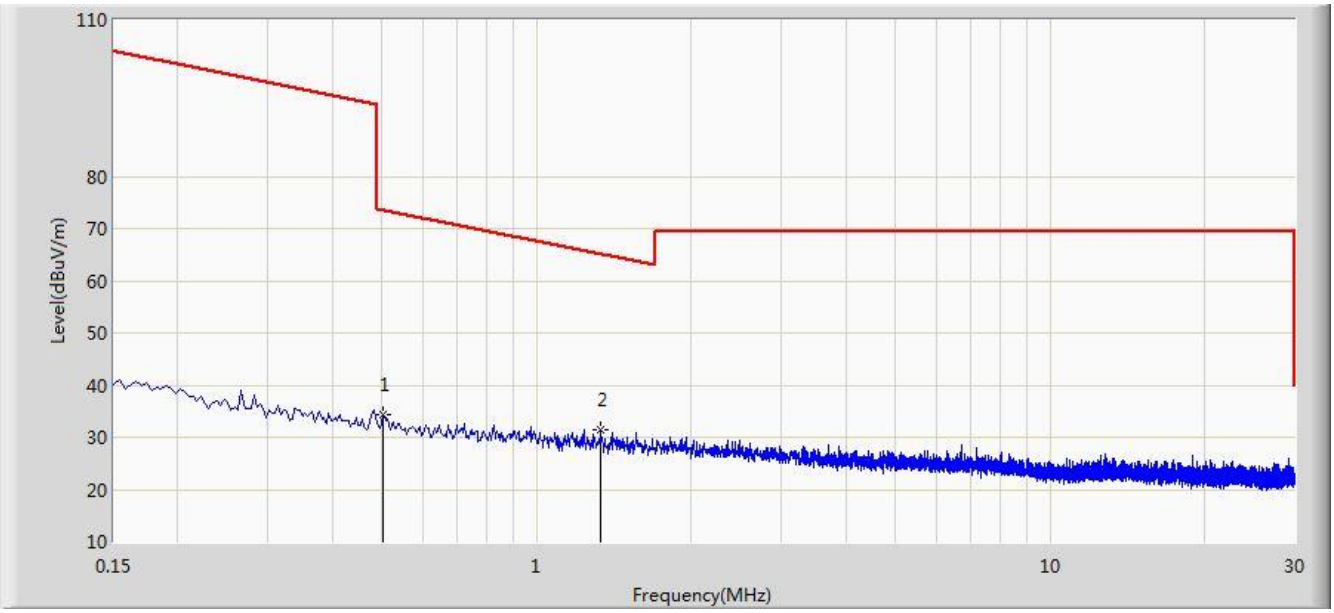


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			0.029	56.893	35.844	-61.463	118.356	21.049	QP
2		*	0.061	52.853	32.542	-59.045	111.898	20.311	QP

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

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

Site: AC1	Time: 2016/01/12 - 09:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: FMZB1519_0.009-30MHz	Polarity: Face on
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Note: There is the ambient noise within frequency range 9kHz~30MHz	

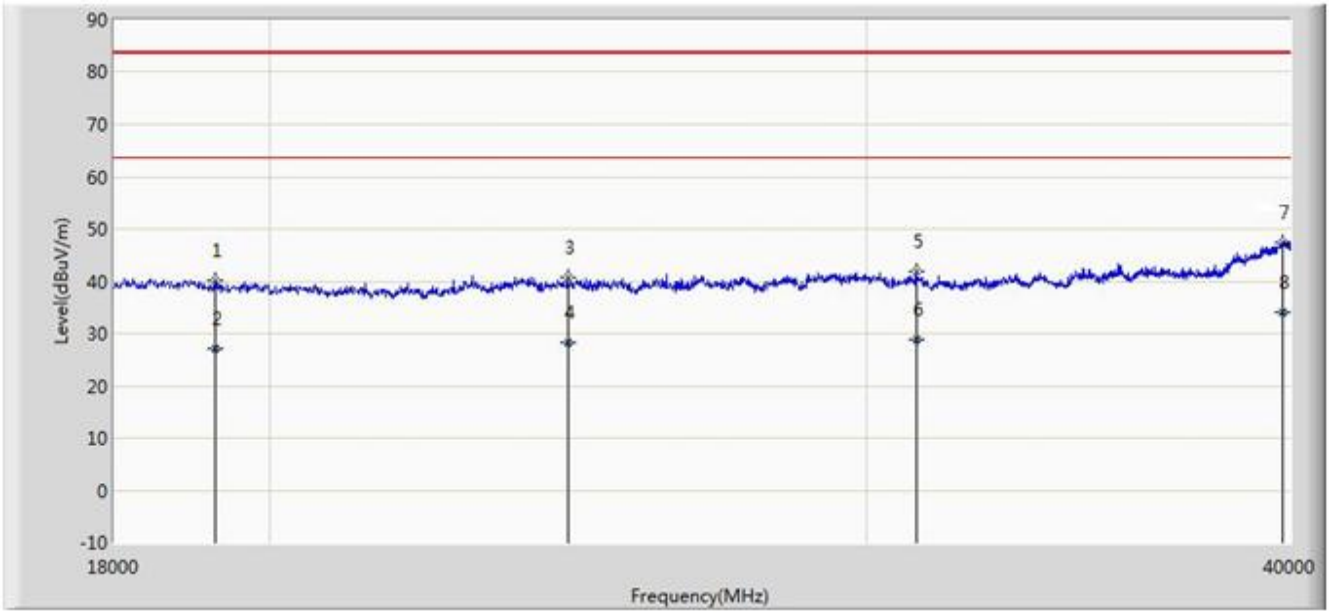


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			0.502	34.370	13.947	-39.220	73.590	20.423	QP
2		*	1.334	31.595	11.104	-33.530	65.125	20.491	QP

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

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

Site: AC1	Time: 2015/01/12 - 10:21
Limit: FCC_Part15.209_RE(1m)	Engineer: Roy Cheng
Probe: BBHA9170_18-40GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Note: There is the ambient noise within frequency range 18GHz~40GHz	

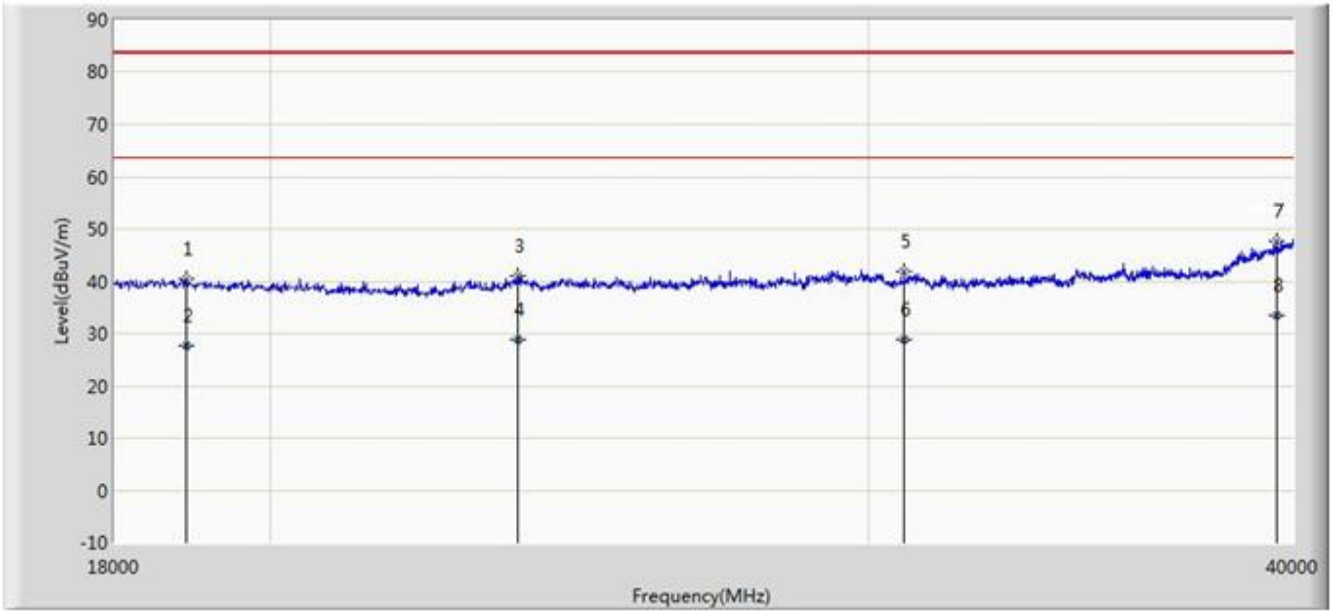


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			19276.000	40.229	39.173	-43.271	83.500	14.775	PK
2			19276.000	26.986	25.930	-36.514	63.500	14.775	AV
3			24501.000	40.840	38.333	-42.660	83.500	15.419	AV
4			24501.000	28.343	25.836	-35.157	63.500	15.419	PK
5			31035.000	41.964	38.162	-41.536	83.500	21.521	PK
6			31035.000	28.944	25.142	-34.556	63.500	21.521	AV
7		*	39791.000	47.319	39.589	-36.181	83.500	27.333	AV
8			39791.000	33.928	26.198	-29.572	63.500	27.333	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: 2015/01/12 - 10:21
Limit: FCC_Part15.209_RE(1m)	Engineer: Roy Cheng
Probe: BBHA9170_18-40GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Note: There is the ambient noise within frequency range 18GHz~40GHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			18902.000	40.57	39.173	-42.930	83.500	1.503	PK
2			18902.000	27.676	25.930	-35.824	63.500	1.503	AV
3			23665.000	41.127	38.333	-42.373	83.500	1.775	PK
4			23665.000	28.878	25.836	-34.622	63.500	1.775	AV
5			30738.000	41.909	38.162	-41.591	83.500	3.480	PK
6			30738.000	28.699	25.142	-34.801	63.500	3.480	AV
7			39560.000	47.552	39.589	-35.948	83.500	7.207	PK
8		*	39560.000	33.399	26.198	-30.101	63.500	7.207	AV

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

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

7.9. Radiated Restricted Band Edge Measurement

7.9.1. Test Limit

For 15.205 requirement:

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

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

For 15.407(b) requirement:

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

For transmitters operating in the 5.725-5.85 GHz band: All emissions within the frequency range from the band edge to 10 MHz above or below the band edge shall not exceed an e.i.r.p. of −17 dBm/MHz; for frequencies 10 MHz or greater above or below the band edge, emissions shall not

exceed an e.i.r.p. of −27 dBm/MHz.

Operating Frequency Band (MHz)	EIRP Limit (dBm/MHz)	Equivalent Field Strength at 3m (dBuV/m)
5150 - 5350	-27	68.2
5725 - 5850	-17	78.2
	-27	68.2

Note: Refer to KDB 789033 D02v01r01 G)2)c), as specified in § 15.407(b), emissions above 1000 MHz that are outside of the restricted bands are subject to a maximum emission limit of -27 dBm/MHz (or -17 dBm/MHz as specified in § 15.407(b)(4)). However, an out-of-band emission that complies with both the peak and average limits of § 15.209 is not required to satisfy the -27 dBm/MHz or -17 dBm/MHz maximum emission limit.

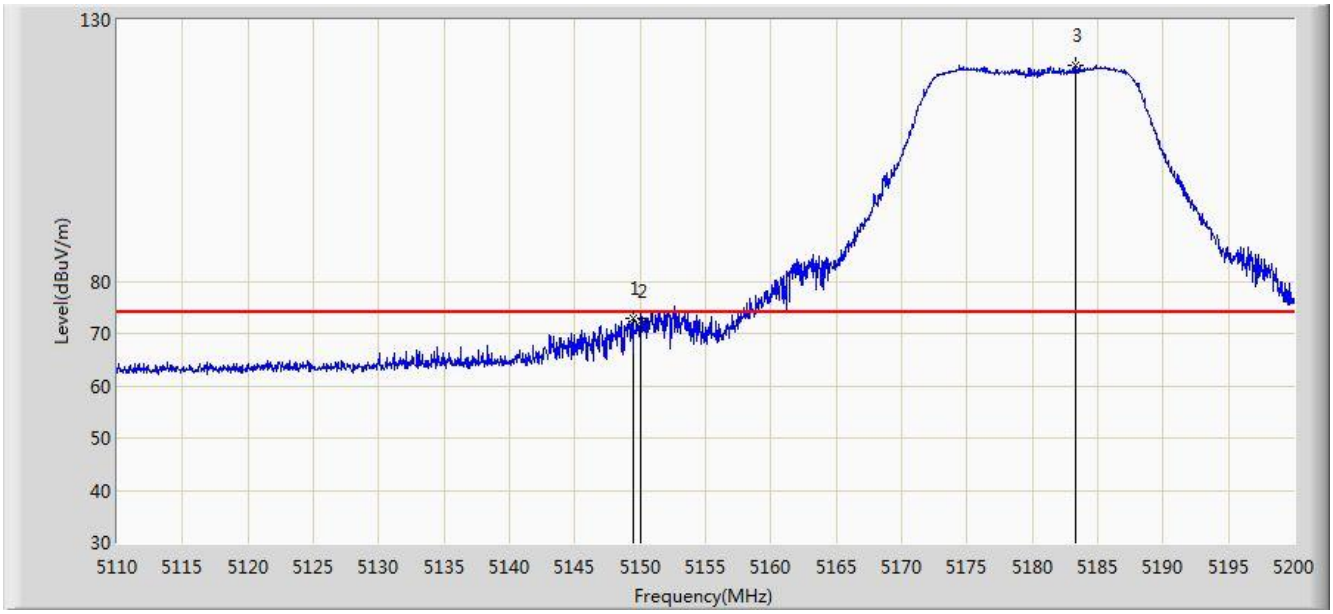
All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47 CFR must not exceed the limits shown in Table per Section 15.209.

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

7.9.2. Test Result of Radiated Restricted Band Edge

5GHz Card #1 + Internal Antenna

Site: AC1	Time: 2016/01/04 - 13:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 1	

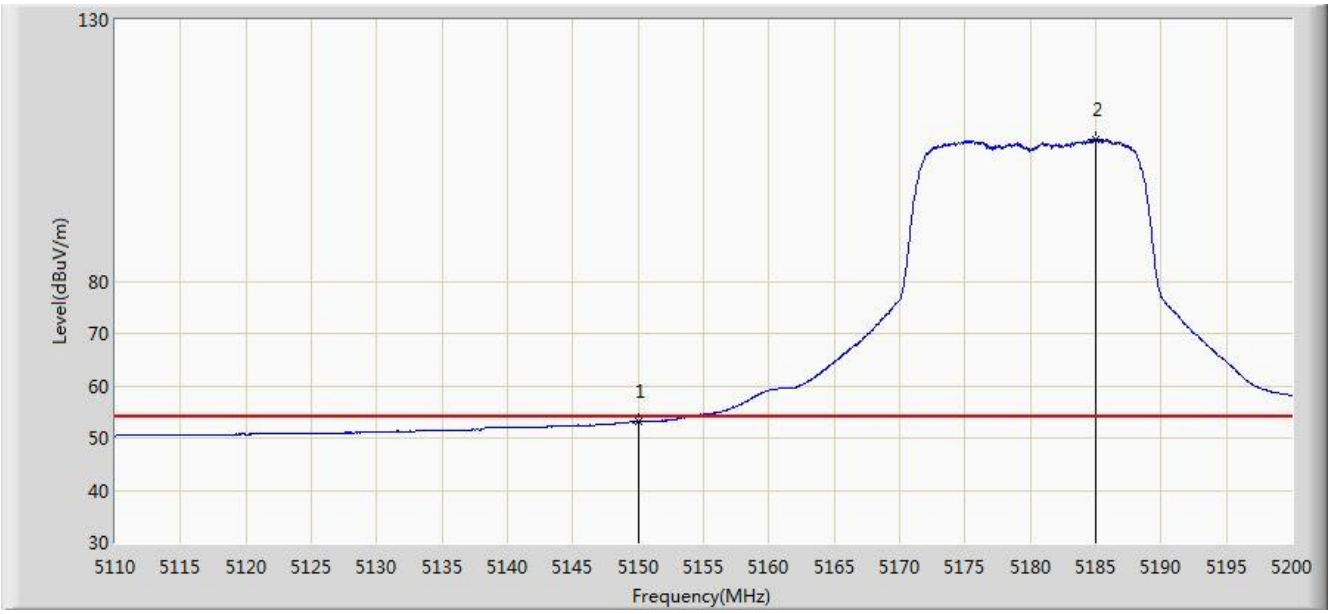


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.465	72.799	69.490	-1.201	74.000	3.309	PK
2			5150.000	72.203	68.894	-1.797	74.000	3.309	PK
3		*	5183.350	121.204	117.935	N/A	N/A	3.270	PK

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

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

Site: AC1	Time: 2016/01/04 - 13:17
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 1	

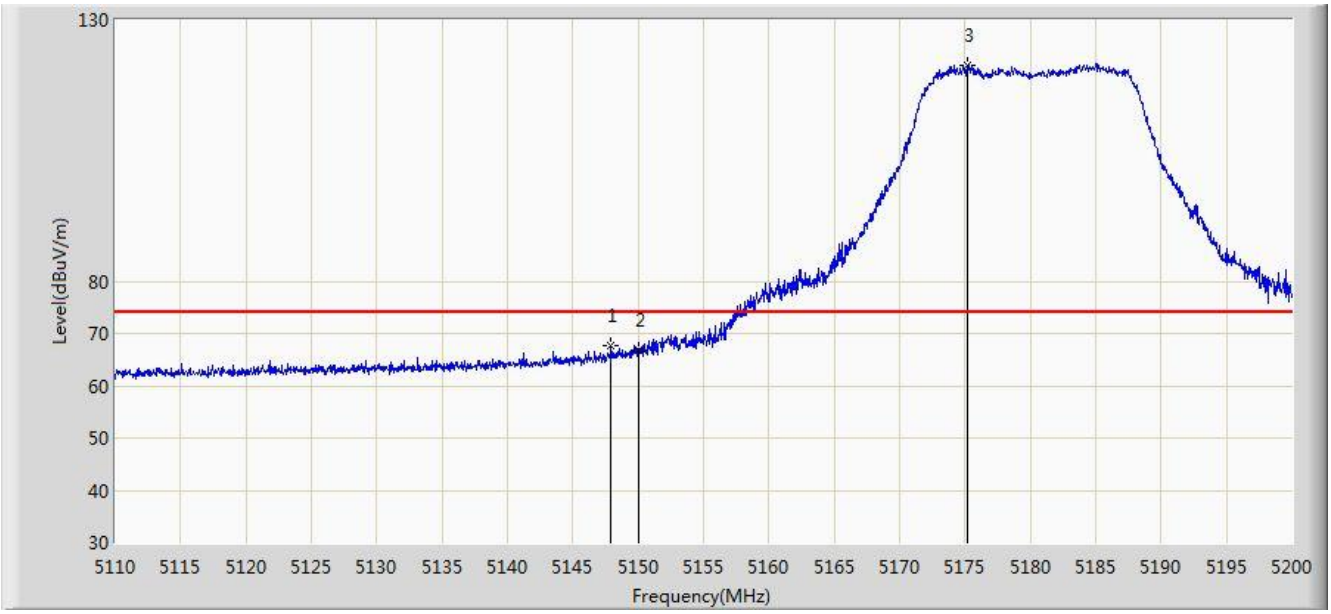


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.221	49.912	-0.779	54.000	3.309	AV
2		*	5184.970	107.033	103.766	N/A	N/A	3.268	AV

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

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

Site: AC1	Time: 2016/01/04 - 13:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 1	

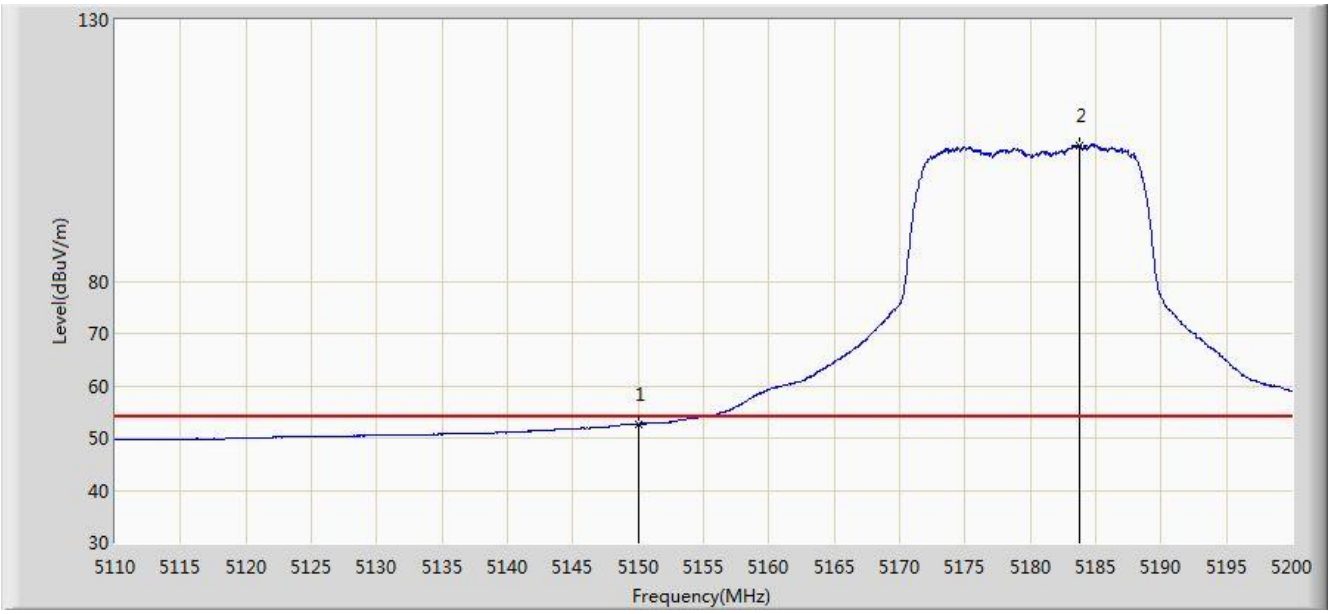


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.890	67.802	64.493	-6.198	74.000	3.309	PK
2			5150.000	66.905	63.596	-7.095	74.000	3.309	PK
3		*	5175.160	121.276	117.999	N/A	N/A	3.277	PK

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

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

Site: AC1	Time: 2016/01/04 - 13:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 1	

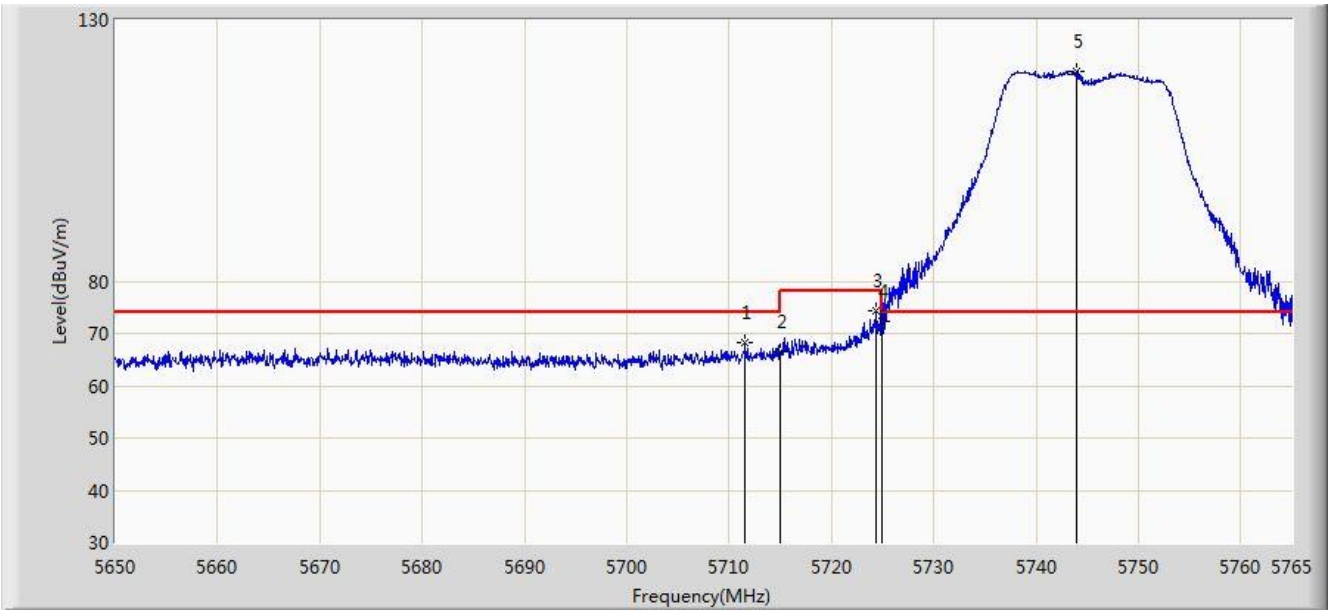


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	52.704	49.395	-1.296	54.000	3.309	AV
2		*	5183.710	106.015	102.746	N/A	N/A	3.269	AV

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: 2016/01/04 - 13:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5745MHz Ant 1	

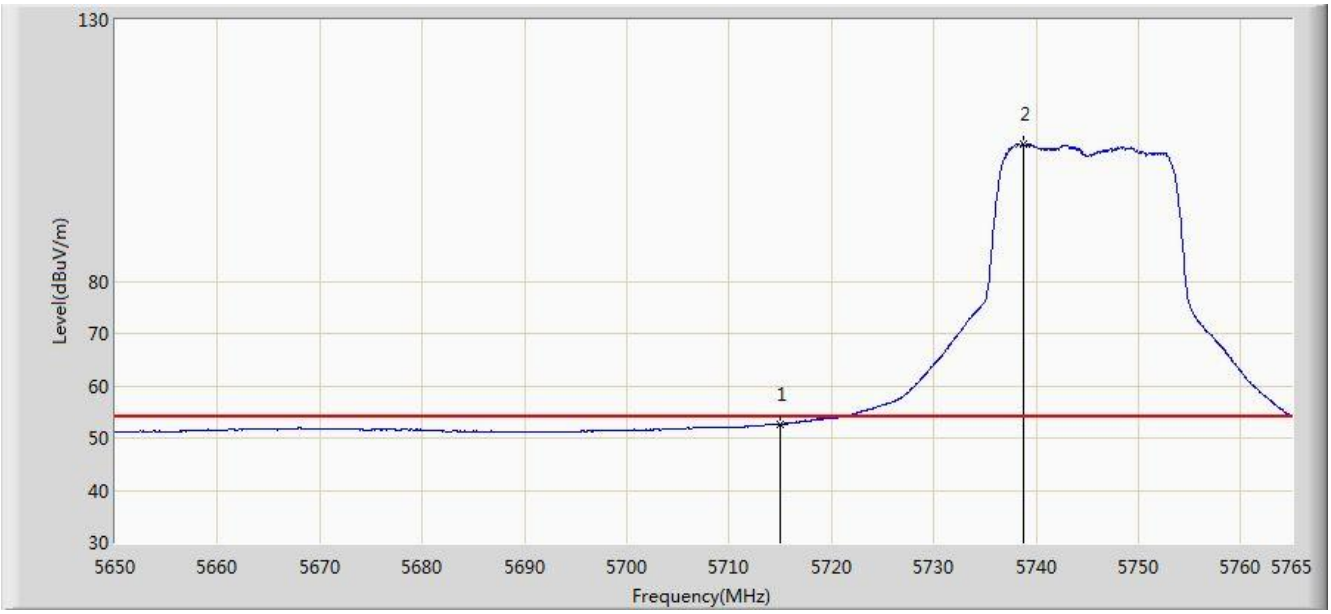


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5711.583	68.151	64.400	-5.849	74.000	3.751	PK
2			5715.000	66.388	62.627	-7.612	74.000	3.761	PK
3			5724.290	74.239	70.450	-3.961	78.200	3.789	PK
4			5725.000	72.197	68.406	-6.003	78.200	3.791	PK
5		*	5744.013	120.212	116.363	N/A	N/A	3.849	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: 2016/01/04 - 13:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5745MHz Ant 1	

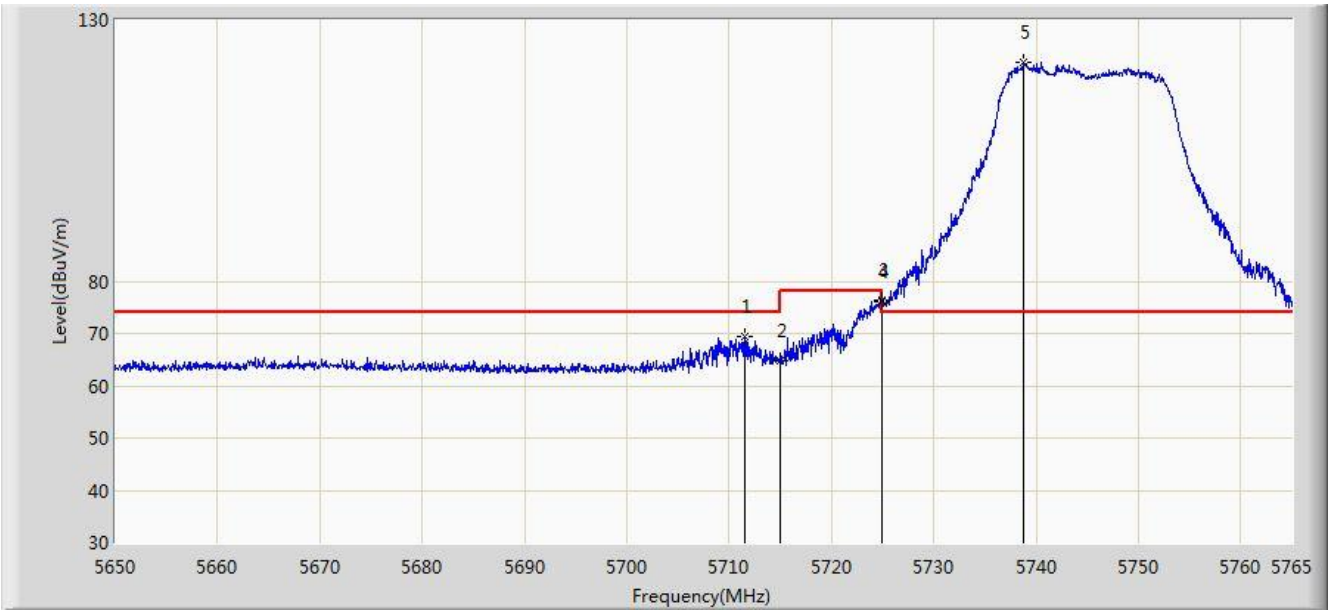


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	52.737	48.976	-1.263	54.000	3.761	AV
2		*	5738.723	106.299	102.466	N/A	N/A	3.833	AV

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: 2016/01/04 - 13:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5745MHz Ant 1	

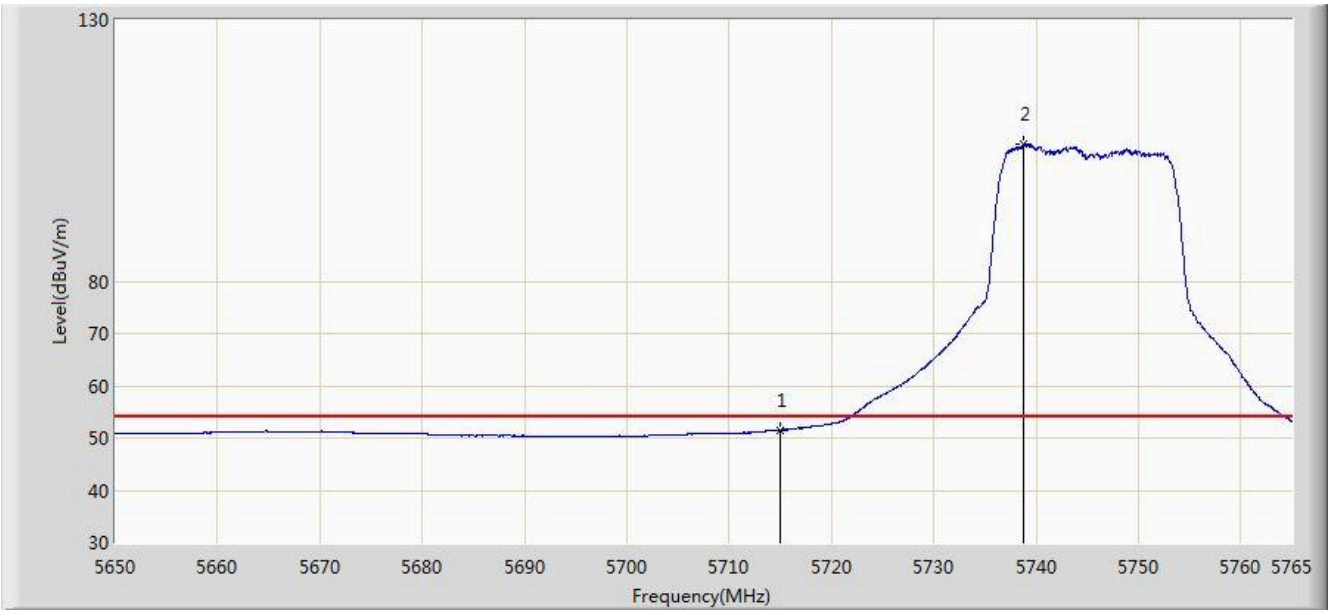


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5711.583	69.352	65.601	-4.648	74.000	3.751	PK
2			5715.000	64.824	61.063	-9.176	74.000	3.761	PK
3			5724.980	76.360	72.569	-1.840	78.200	3.791	PK
4			5725.000	75.983	72.192	-2.217	78.200	3.791	PK
5		*	5738.723	121.790	117.957	N/A	N/A	3.833	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: 2016/01/04 - 13:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5745MHz Ant 1	

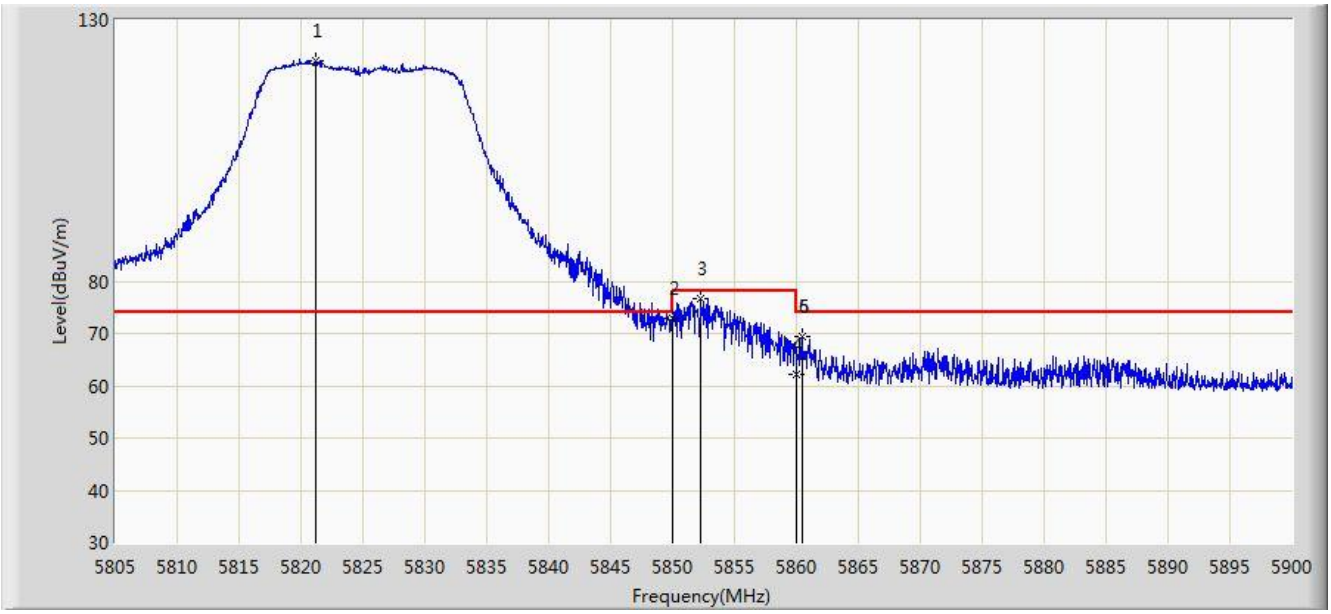


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	51.512	47.751	-2.488	54.000	3.761	AV
2		*	5738.837	106.313	102.479	N/A	N/A	3.834	AV

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: 2016/01/04 - 13:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5825MHz Ant 1	

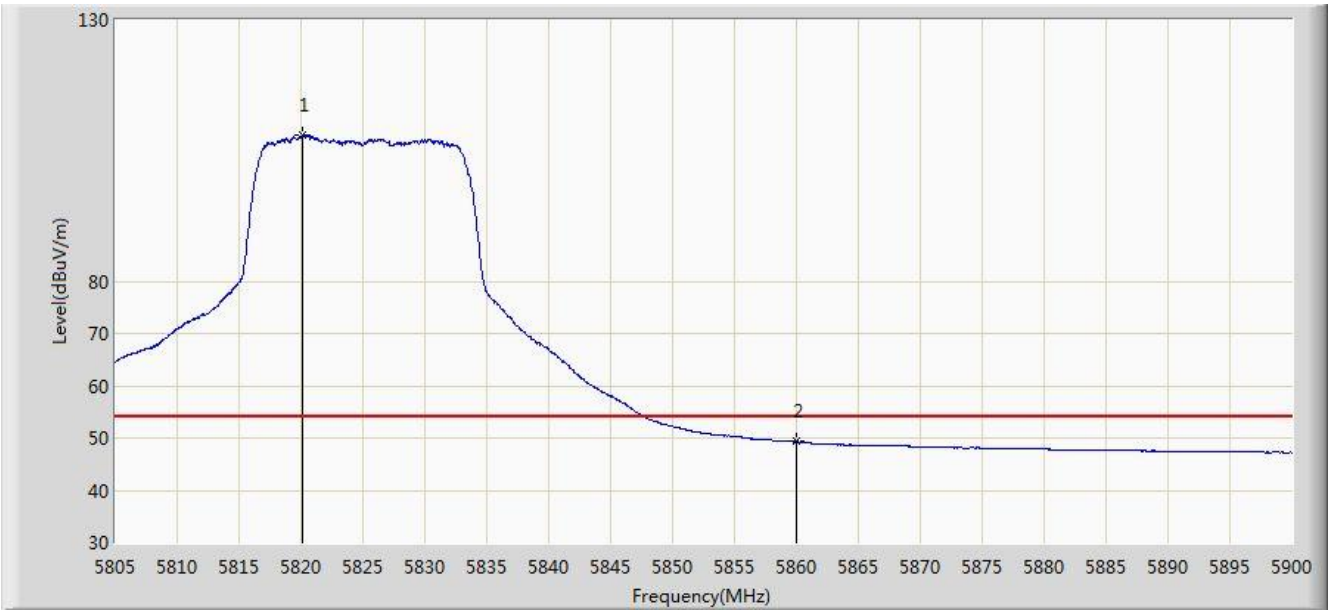


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5821.150	122.091	118.094	N/A	N/A	3.997	PK
2			5850.000	73.022	68.965	-5.178	78.200	4.058	PK
3			5852.263	76.774	72.716	-1.426	78.200	4.059	PK
4			5860.000	62.250	58.187	-11.750	74.000	4.064	PK
5			5860.433	69.479	65.415	-4.521	74.000	4.064	PK
6			5860.433	69.479	65.415	-4.521	74.000	4.064	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: 2016/01/04 - 13:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5825MHz Ant 1	

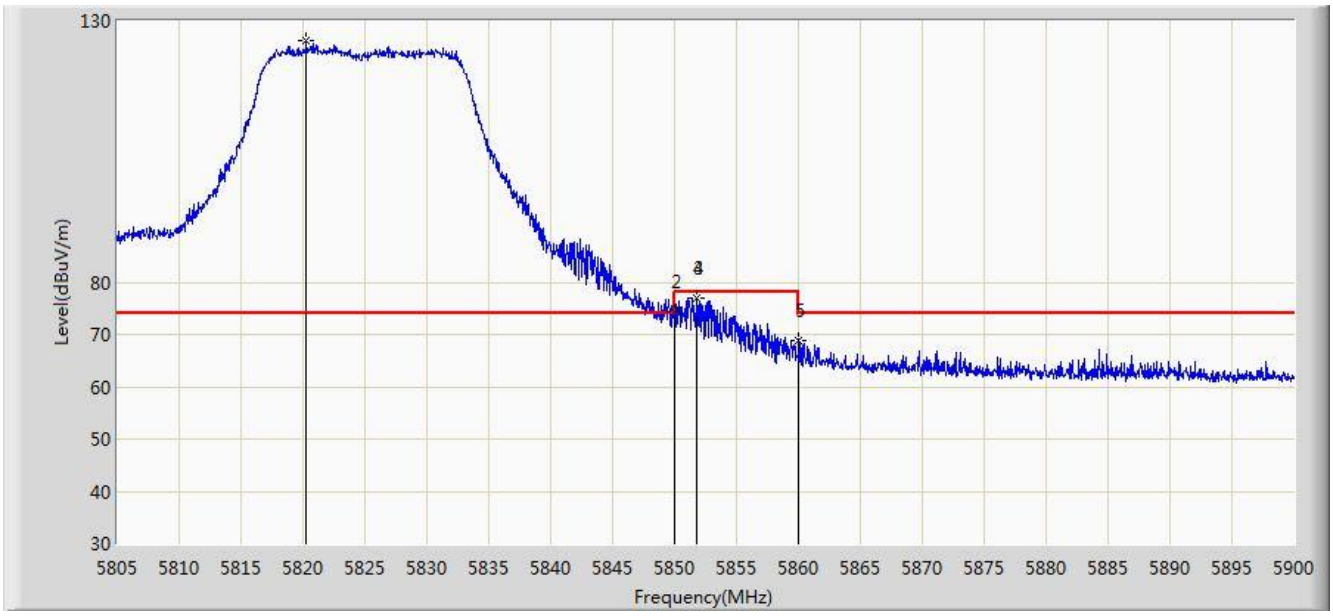


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5820.152	107.949	103.955	N/A	N/A	3.994	AV
2			5860.000	49.311	45.248	-4.689	54.000	4.064	AV

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: 2016/01/04 - 13:48
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5825MHz Ant 1	

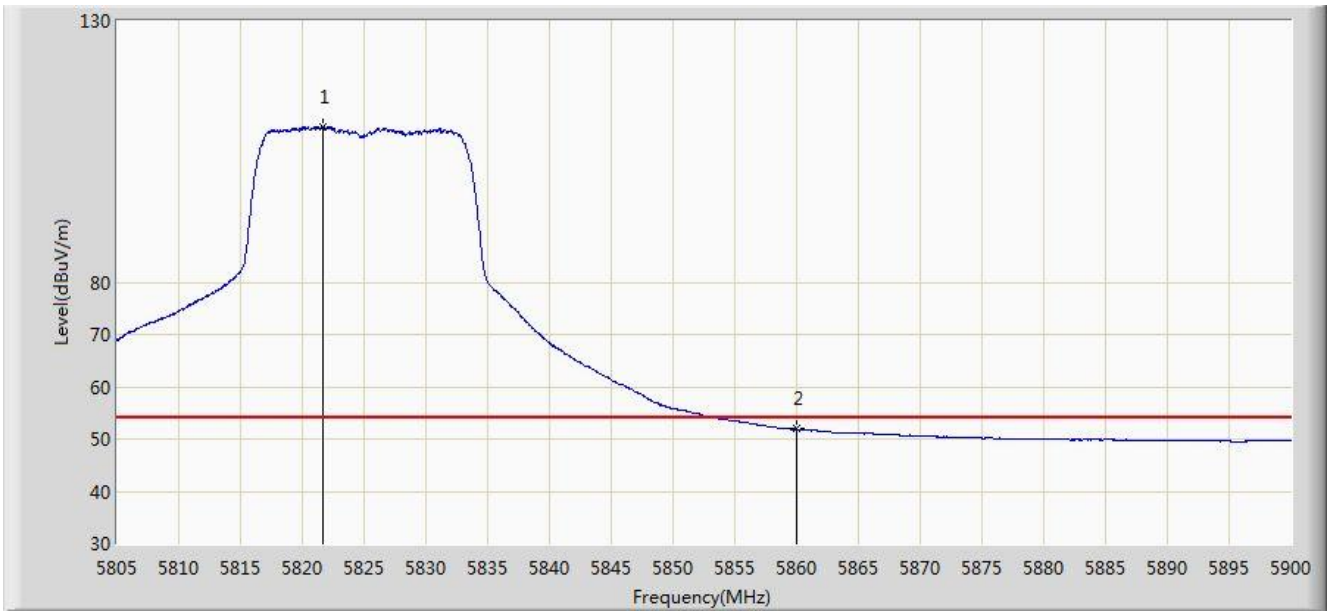


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5820.248	126.108	122.114	N/A	N/A	3.995	PK
2			5850.000	74.214	70.157	-3.986	78.200	4.058	PK
3			5851.740	77.003	72.945	-1.197	78.200	4.059	PK
4			5851.740	77.003	72.945	-1.197	78.200	4.059	PK
5			5860.000	68.696	64.633	-5.304	74.000	4.064	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: 2016/01/04 - 13:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5825MHz Ant 1	

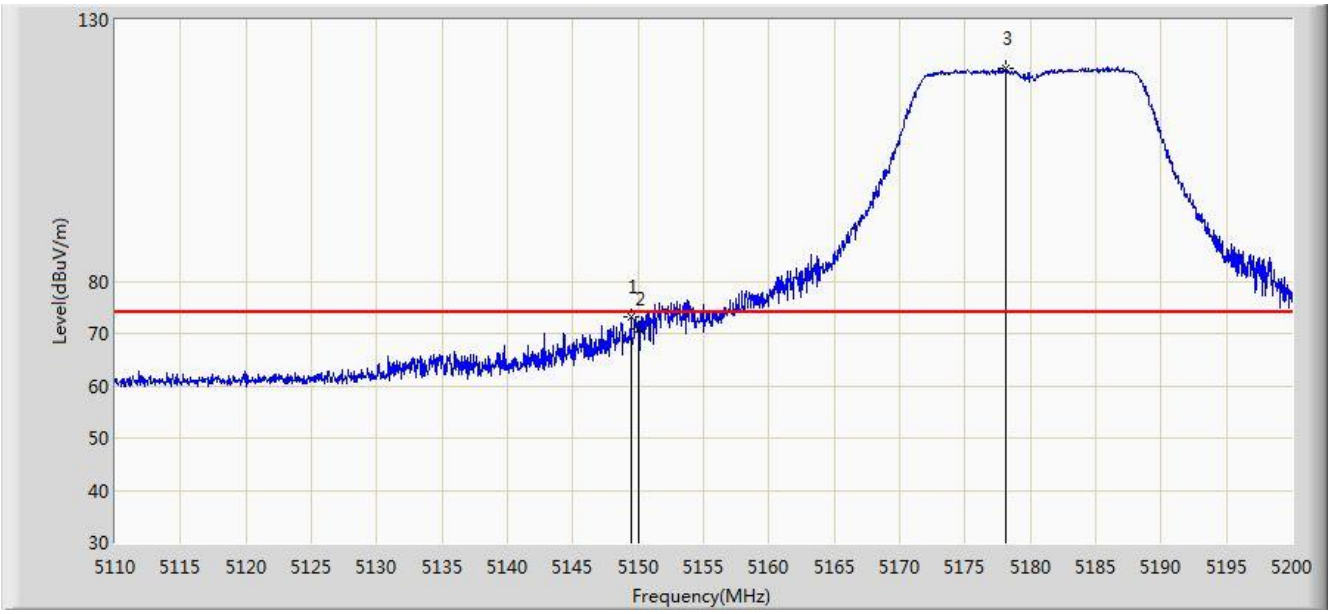


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5821.625	109.669	105.671	N/A	N/A	3.997	AV
2			5860.000	51.886	47.823	-2.114	54.000	4.064	AV

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: 2016/01/04 - 14:00
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 1	

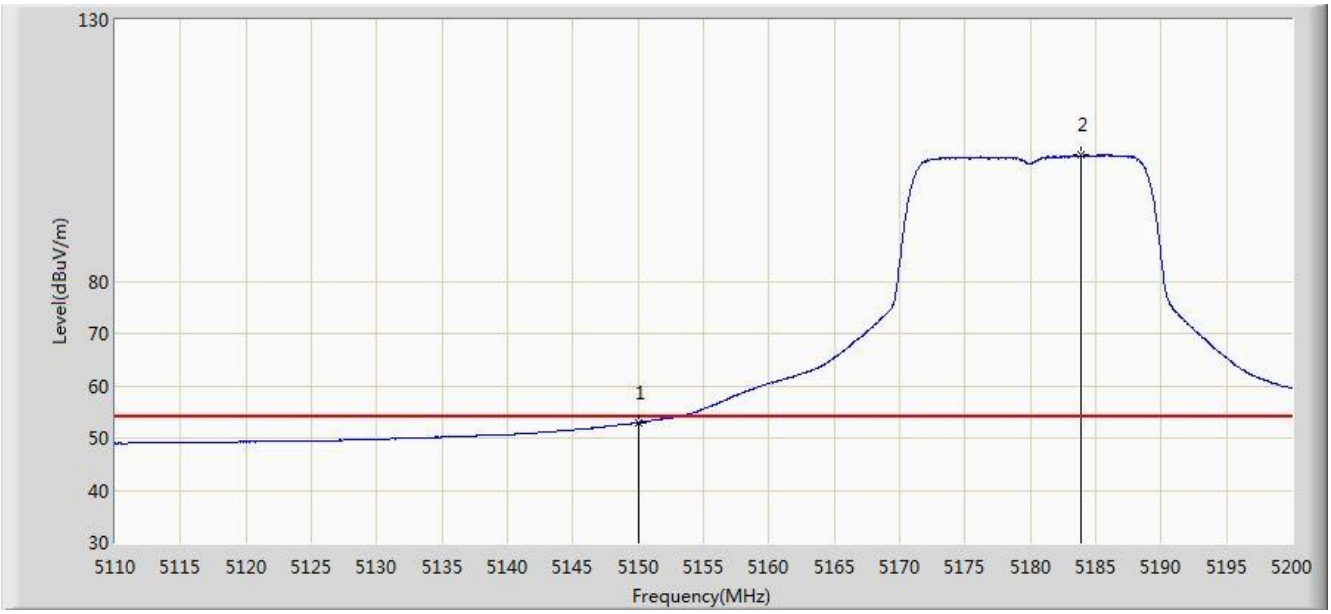


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.420	73.076	69.767	-0.924	74.000	3.309	PK
2			5150.000	70.915	67.606	-3.085	74.000	3.309	PK
3		*	5178.085	120.687	117.412	N/A	N/A	3.274	PK

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

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

Site: AC1	Time: 2016/01/04 - 13:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 1	

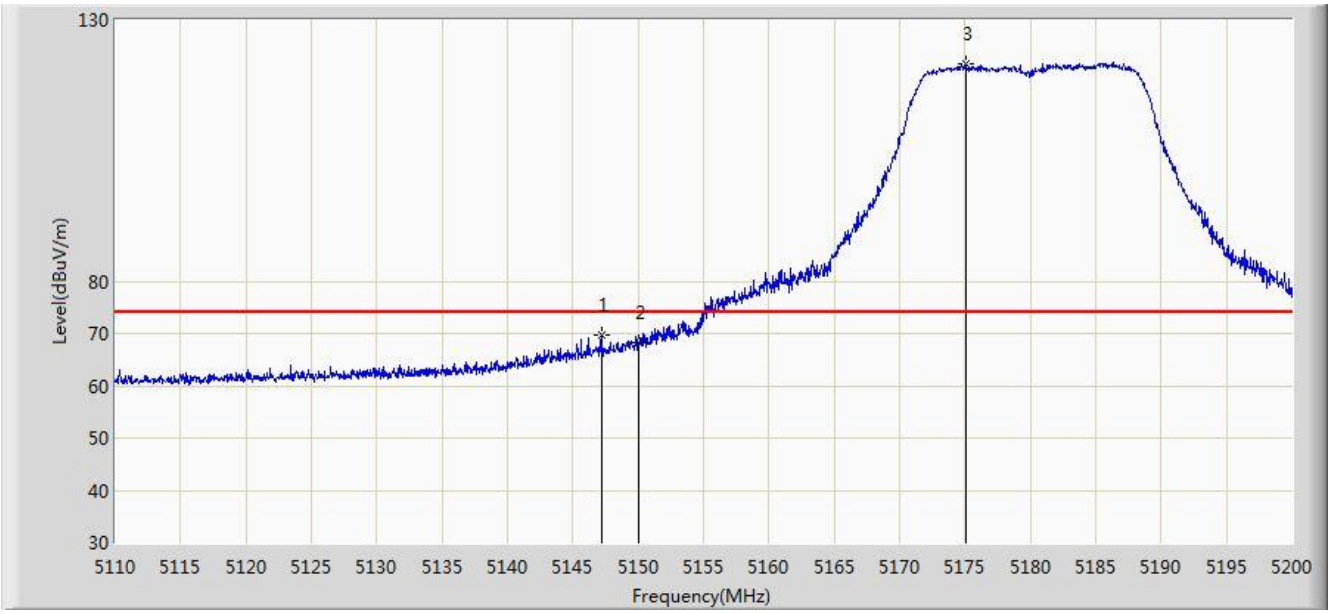


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	52.990	49.681	-1.010	54.000	3.309	AV
2		*	5183.890	104.101	100.832	N/A	N/A	3.269	AV

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: 2016/01/04 - 14:00
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 1	

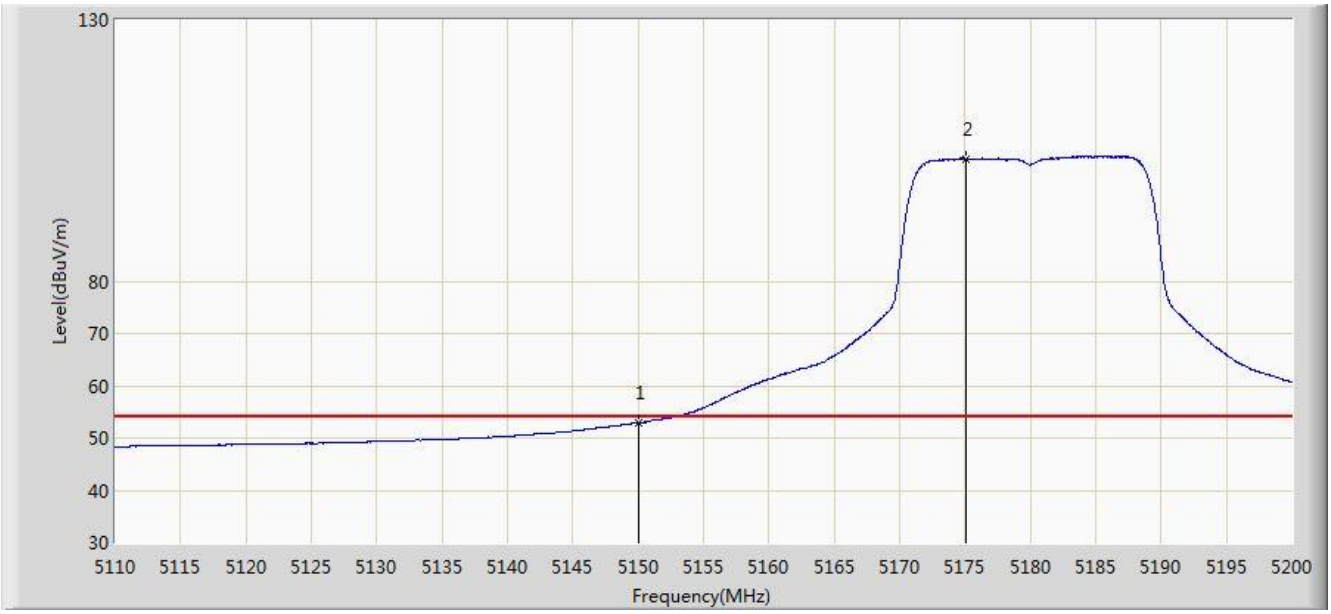


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.170	69.747	66.438	-4.253	74.000	3.309	PK
2			5150.000	68.143	64.834	-5.857	74.000	3.309	PK
3		*	5175.025	121.520	118.243	N/A	N/A	3.277	PK

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

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

Site: AC1	Time: 2016/01/04 - 14:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 1	

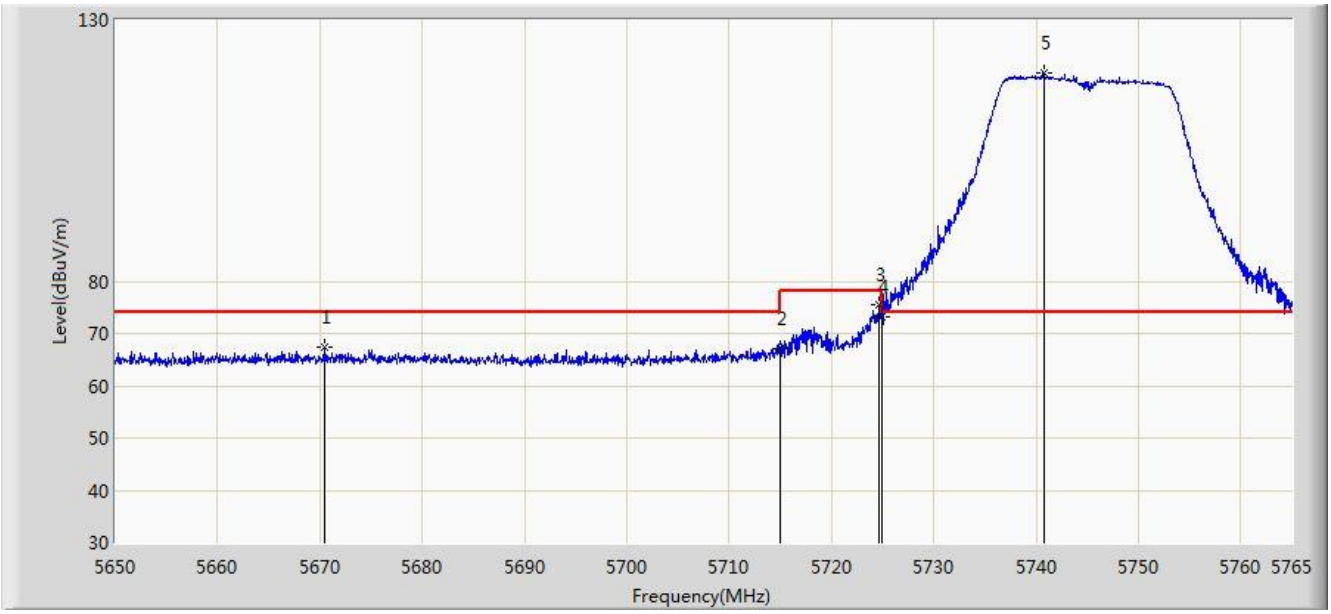


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	52.921	49.612	-1.079	54.000	3.309	AV
2		*	5175.115	103.464	100.187	N/A	N/A	3.277	AV

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: 2016/01/04 - 14:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 1	

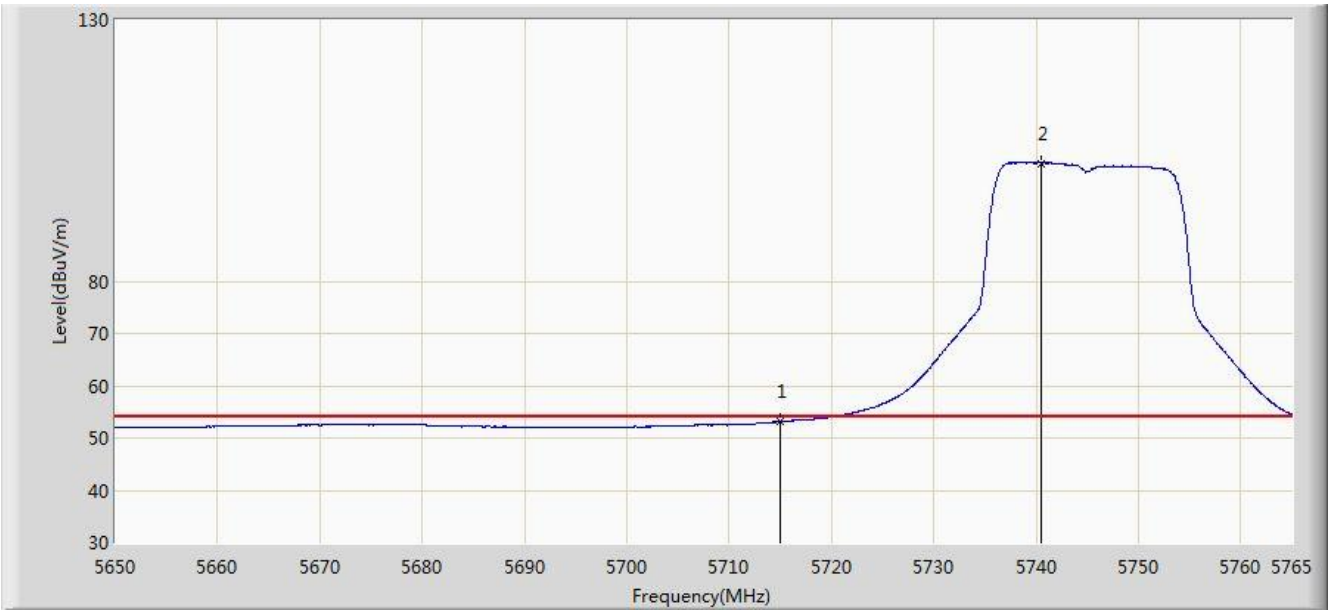


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5670.413	67.396	63.734	-6.604	74.000	3.662	PK
2			5715.000	67.207	63.446	-6.793	74.000	3.761	PK
3			5724.635	75.491	71.701	-2.709	78.200	3.790	PK
4			5725.000	73.273	69.482	-4.927	78.200	3.791	PK
5		*	5740.735	119.910	116.071	N/A	N/A	3.838	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: 2016/01/04 - 14:12
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 1	

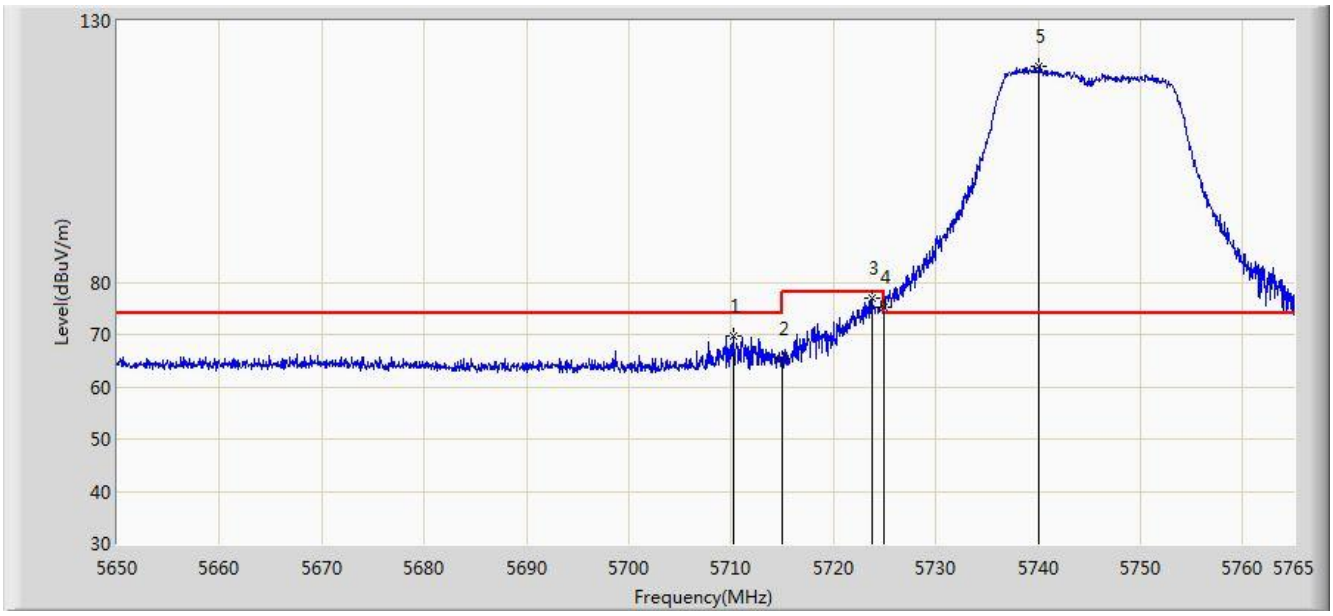


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	53.114	49.353	-0.886	54.000	3.761	AV
2		*	5740.447	102.570	98.732	N/A	N/A	3.838	AV

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: 2016/01/04 - 14:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 1	

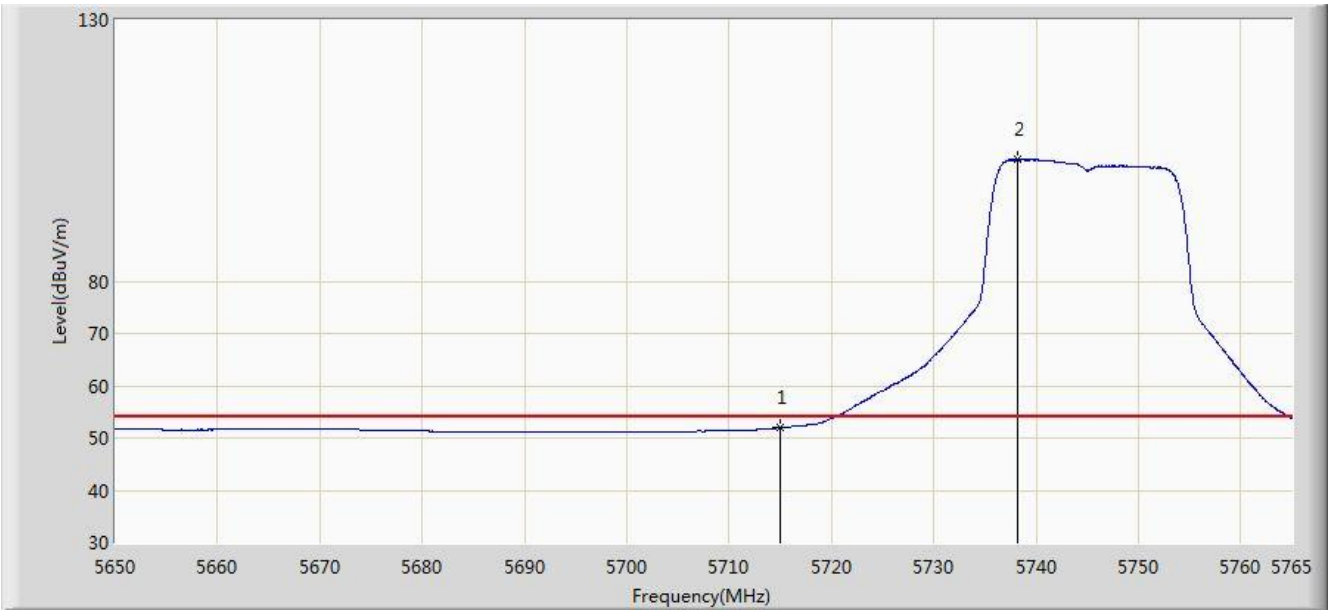


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5710.260	69.642	65.895	-4.358	74.000	3.747	PK
2			5715.000	65.502	61.741	-8.498	74.000	3.761	PK
3			5723.715	77.014	73.227	-1.186	78.200	3.786	PK
4			5725.000	75.326	71.535	-2.874	78.200	3.791	PK
5		*	5740.103	121.261	117.424	N/A	N/A	3.837	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: 2016/01/04 - 14:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 1	

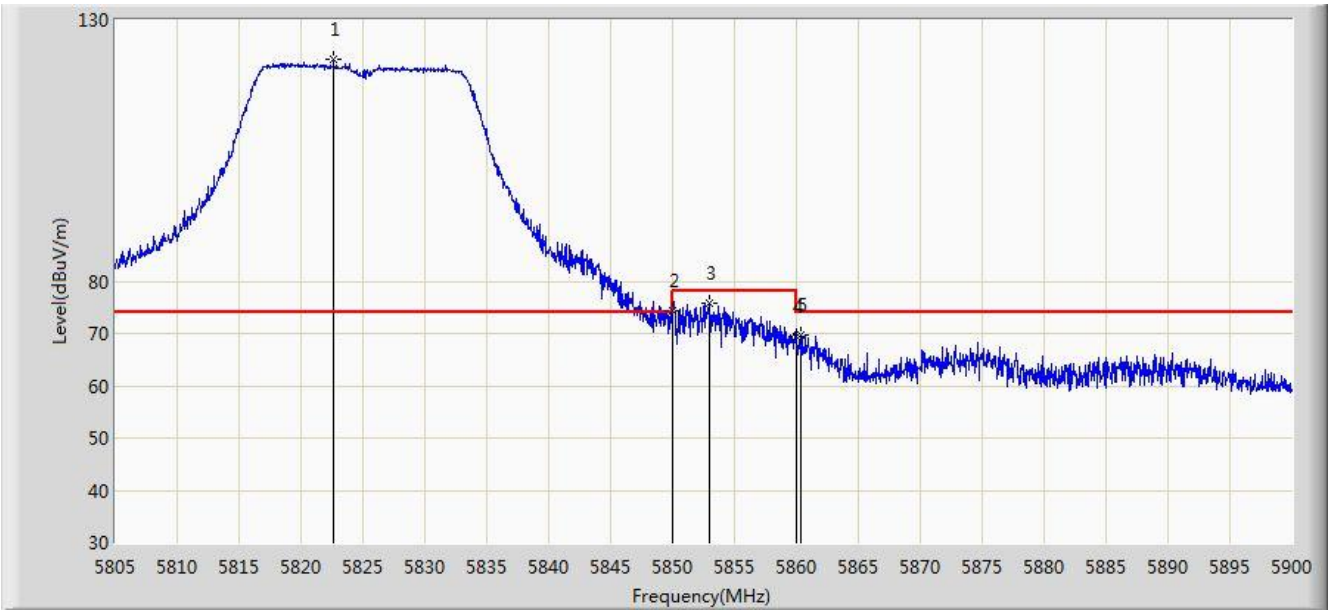


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	51.977	48.216	-2.023	54.000	3.761	AV
2		*	5738.263	103.328	99.496	N/A	N/A	3.833	AV

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: 2016/01/04 - 14:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz Ant 1	

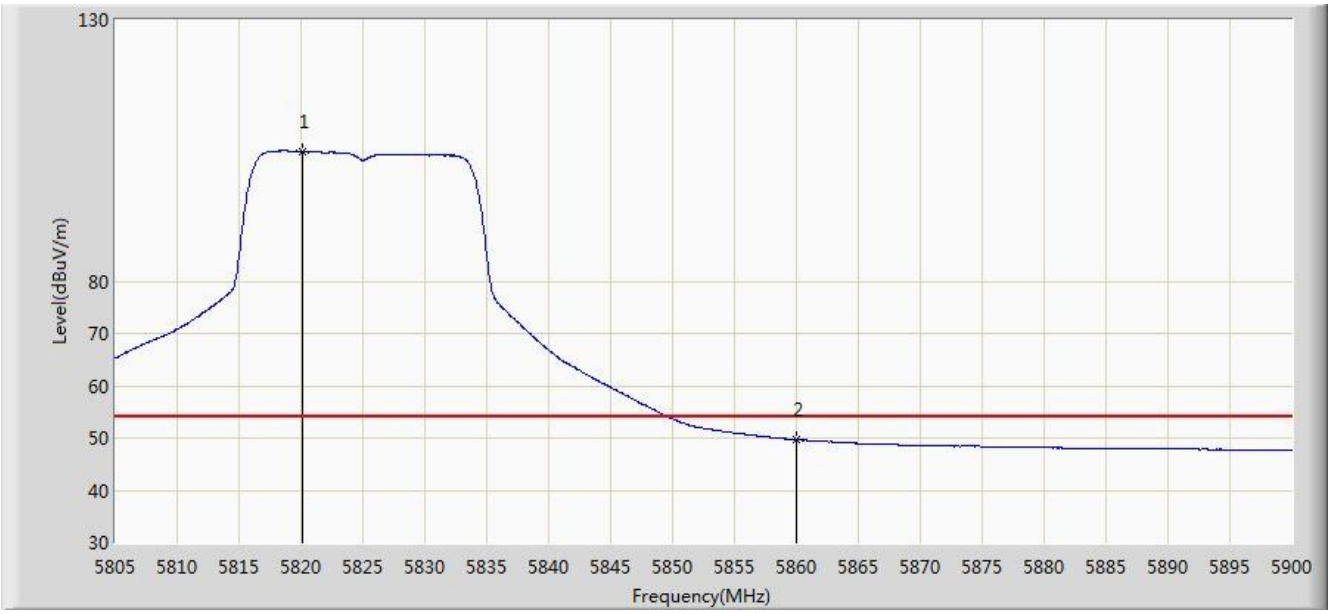


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5822.623	122.391	118.391	N/A	N/A	4.000	PK
2			5850.000	74.444	70.387	-3.756	78.200	4.058	PK
3			5852.975	75.933	71.874	-2.267	78.200	4.059	PK
4			5860.000	69.387	65.324	-4.613	74.000	4.064	PK
5			5860.337	69.851	65.787	-4.149	74.000	4.064	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: 2016/01/04 - 14:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz Ant 1	

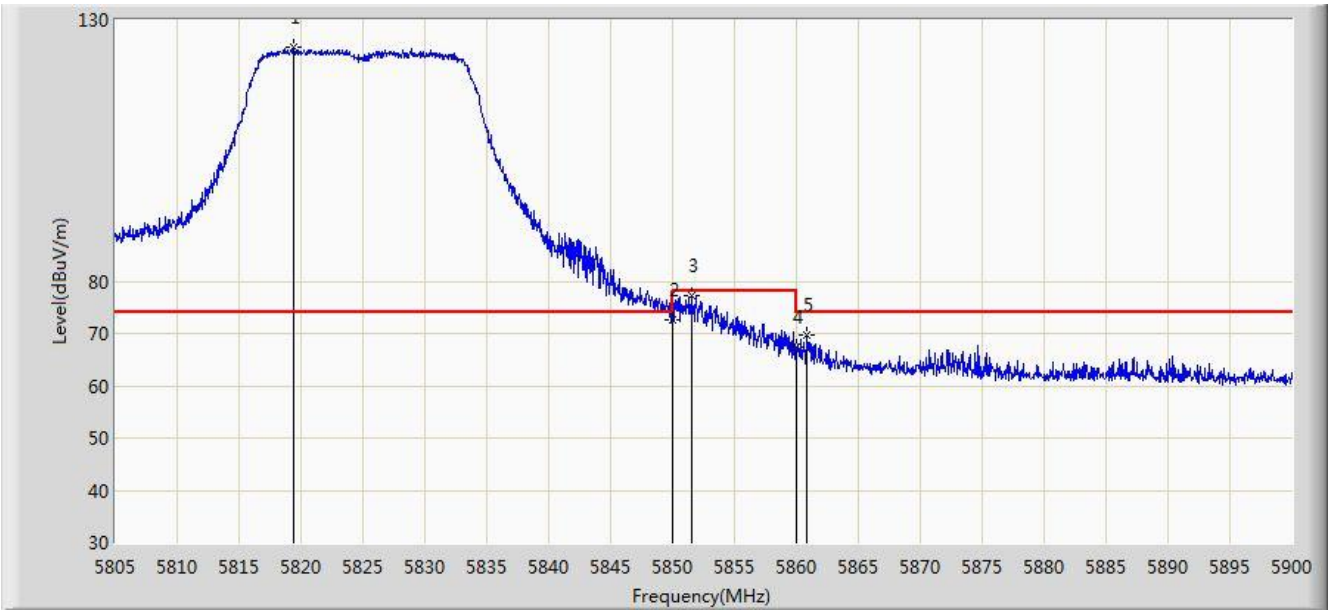


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5820.152	104.801	100.807	N/A	N/A	3.994	AV
2			5860.000	49.681	45.618	-4.319	54.000	4.064	AV

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: 2016/01/04 - 14:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz Ant 1	

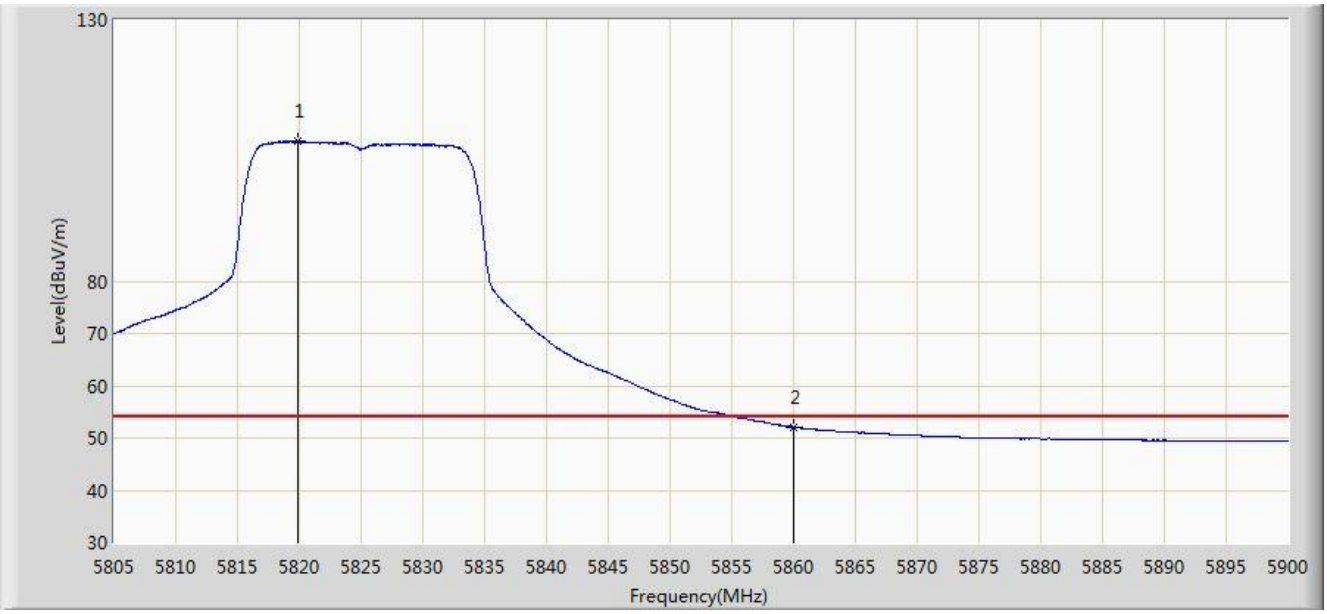


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5819.393	124.874	120.881	N/A	N/A	3.992	PK
2			5850.000	72.700	68.643	-5.500	78.200	4.058	PK
3			5851.502	77.211	73.153	-0.989	78.200	4.058	PK
4			5860.000	67.282	63.219	-6.718	74.000	4.064	PK
5			5860.812	69.596	65.532	-4.404	74.000	4.064	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: 2016/01/04 - 14:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz Ant 1	

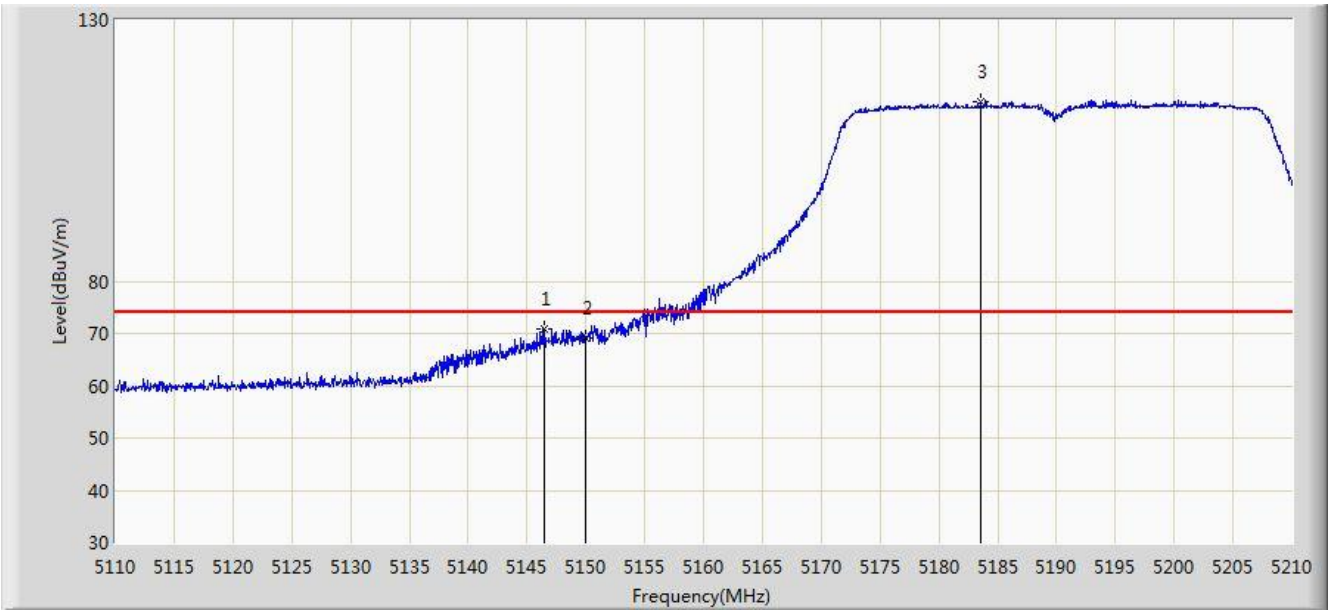


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5819.868	106.736	102.742	N/A	N/A	3.994	AV
2			5860.000	52.138	48.075	-1.862	54.000	4.064	AV

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: 2016/01/04 - 14:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 1	

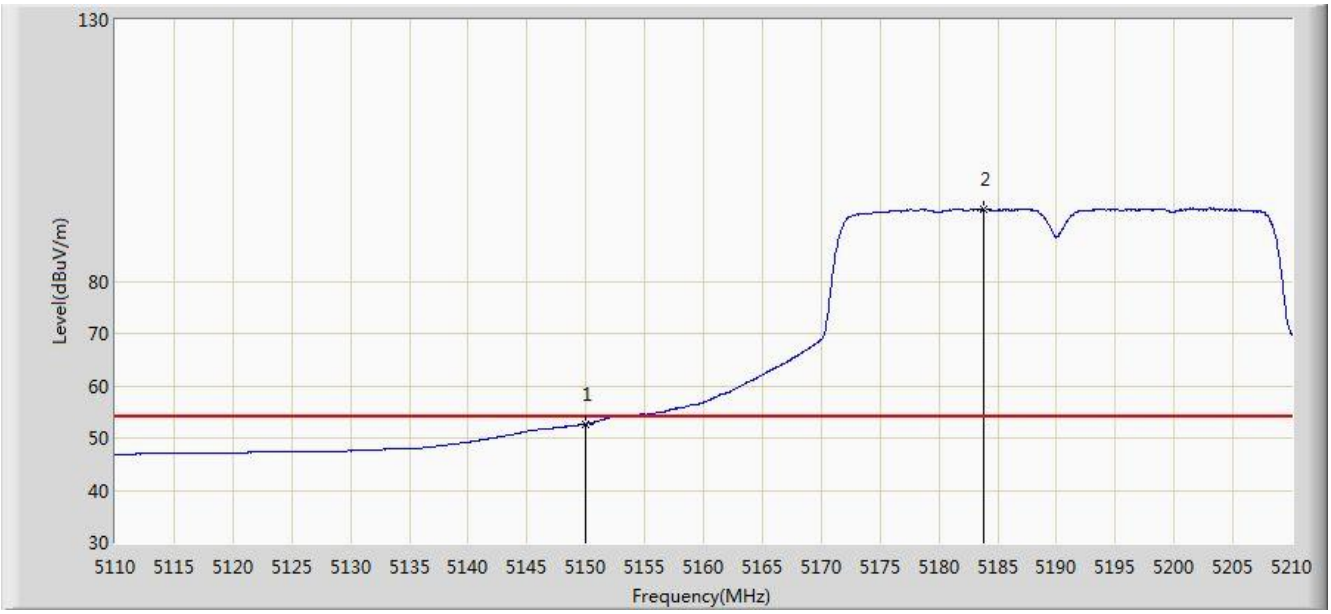


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5146.450	70.995	67.686	-3.005	74.000	3.309	PK
2			5150.000	69.181	65.872	-4.819	74.000	3.309	PK
3		*	5183.600	114.469	111.200	N/A	N/A	3.269	PK

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

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

Site: AC1	Time: 2016/01/04 - 14:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 1	

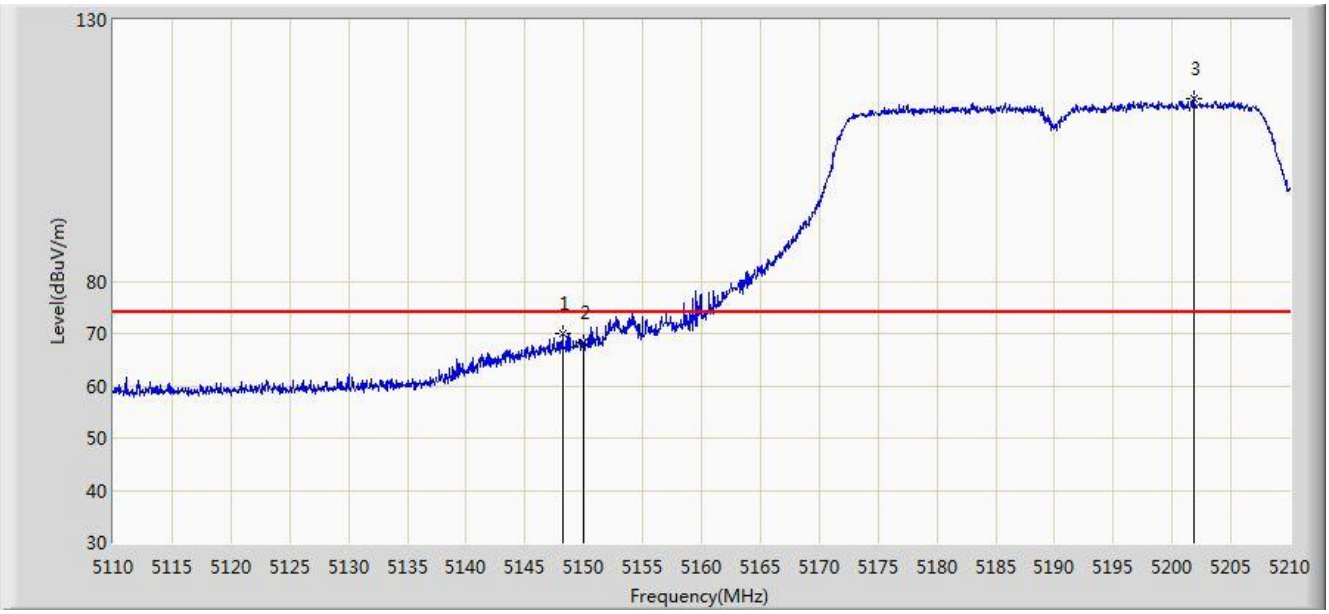


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	52.703	49.394	-1.297	54.000	3.309	AV
2		*	5183.800	93.676	90.407	N/A	N/A	3.269	AV

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: 2016/01/04 - 14:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 1	

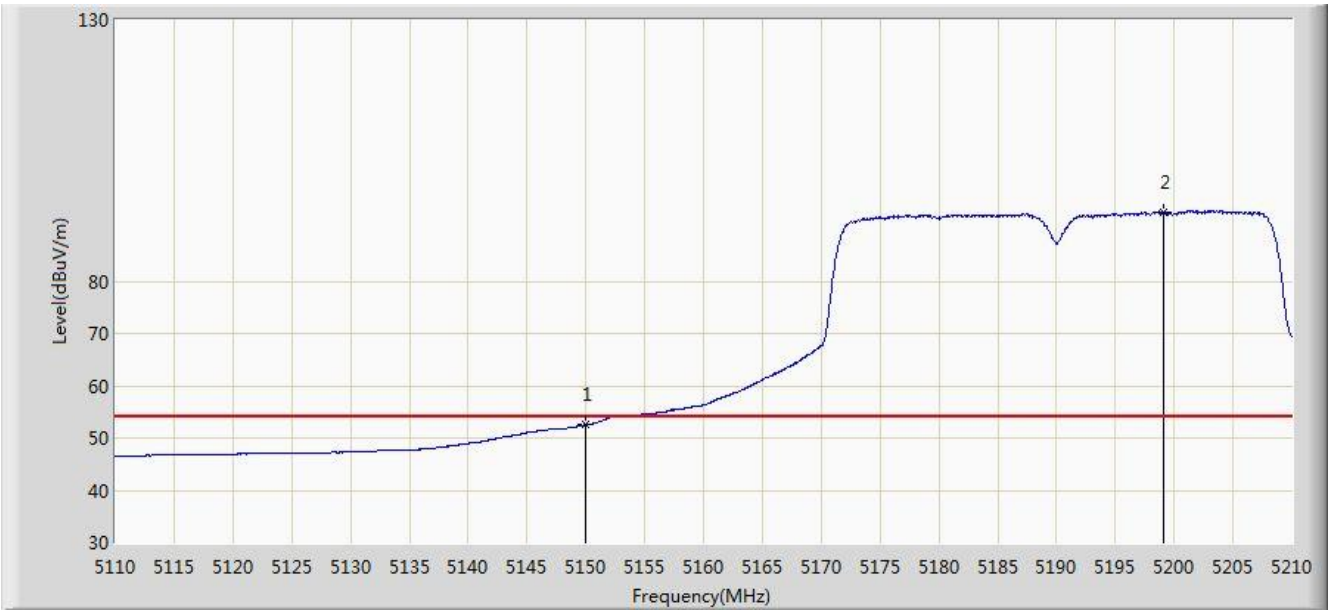


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.200	70.100	66.791	-3.900	74.000	3.308	PK
2			5150.000	68.378	65.069	-5.622	74.000	3.309	PK
3		*	5201.800	115.016	111.771	N/A	N/A	3.244	PK

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: 2016/01/04 - 14:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 1	

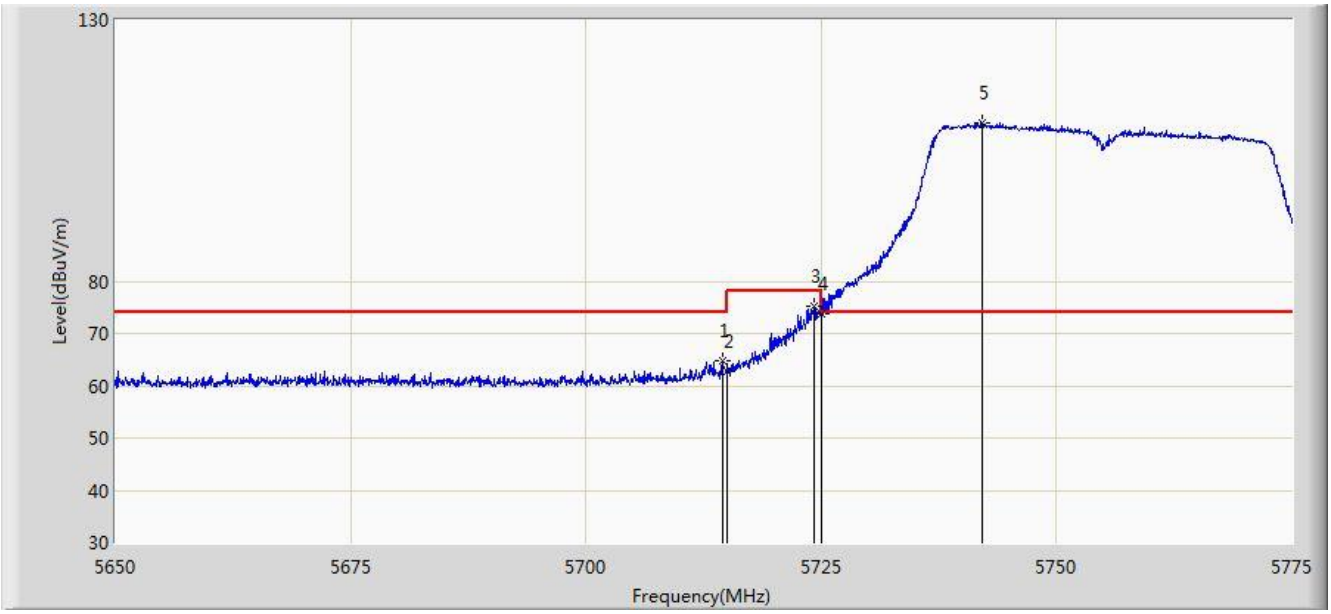


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	52.519	49.210	-1.481	54.000	3.309	AV
2		*	5199.050	93.279	90.028	N/A	N/A	3.251	AV

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: 2016/01/04 - 15:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz Ant 1	

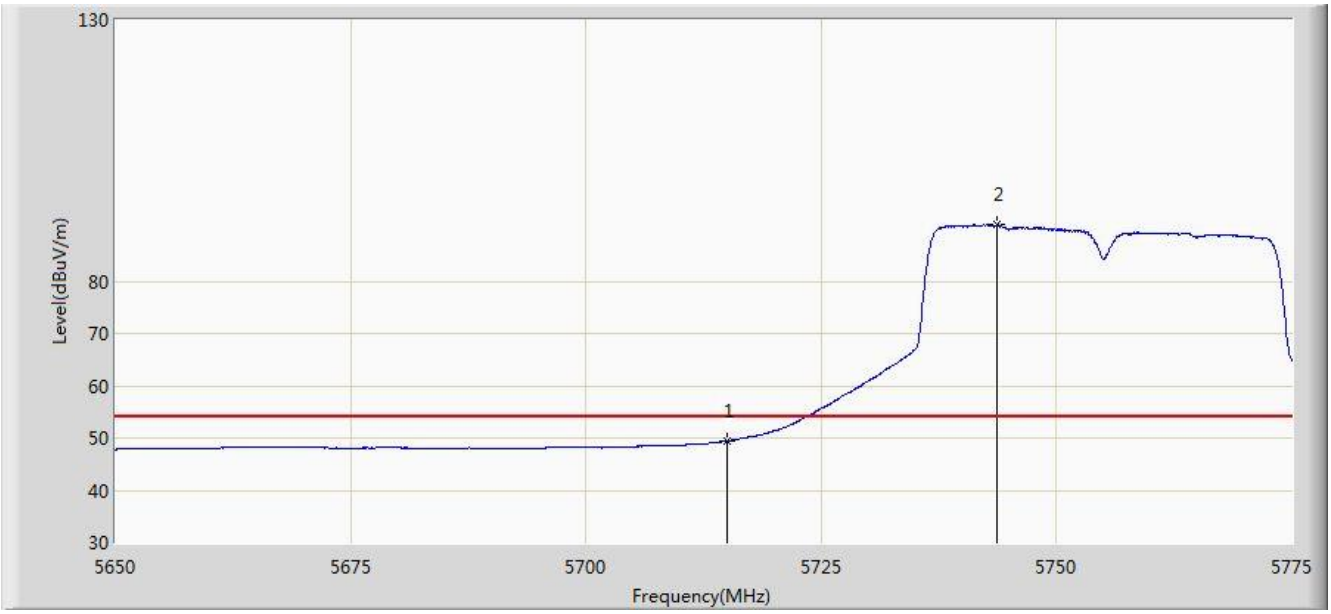


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5714.500	64.824	61.065	-9.176	74.000	3.759	PK
2			5715.000	62.689	58.928	-11.311	74.000	3.761	PK
3			5724.250	75.316	71.528	-2.884	78.200	3.789	PK
4			5725.000	73.840	70.049	-4.360	78.200	3.791	PK
5		*	5742.125	110.153	106.310	N/A	N/A	3.843	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: 2016/01/04 - 15:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz Ant 1	

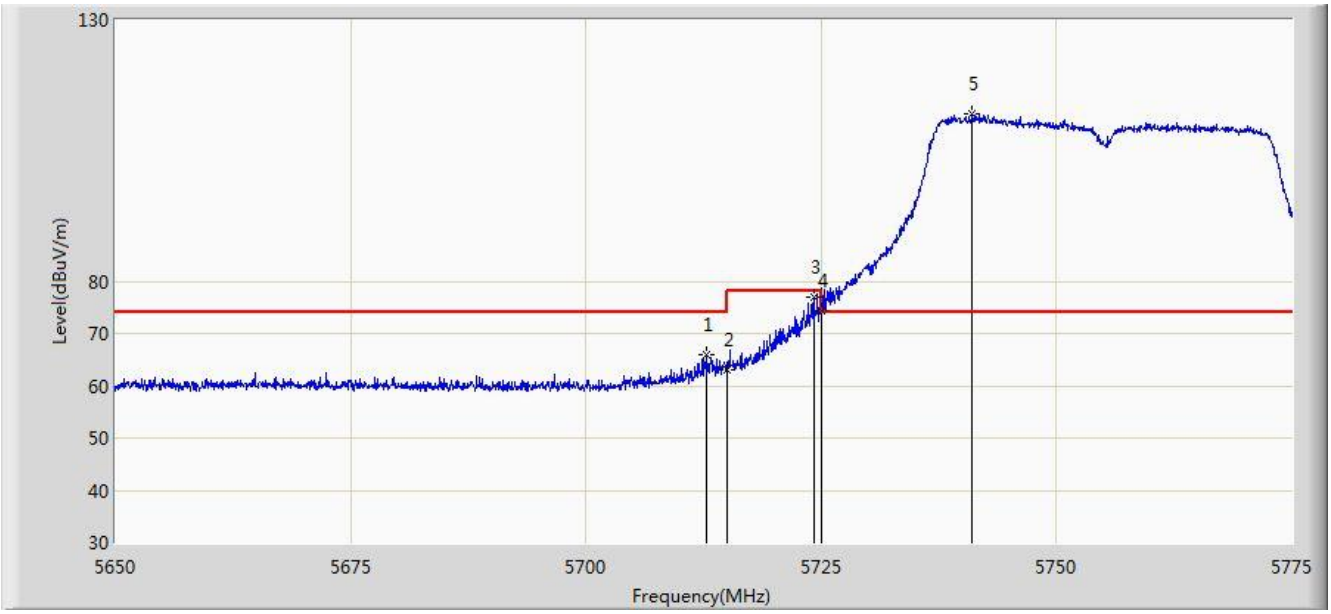


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	49.462	45.701	-4.538	54.000	3.761	AV
2		*	5743.687	90.739	86.891	N/A	N/A	3.848	AV

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: 2016/01/04 - 15:07
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz Ant 1	

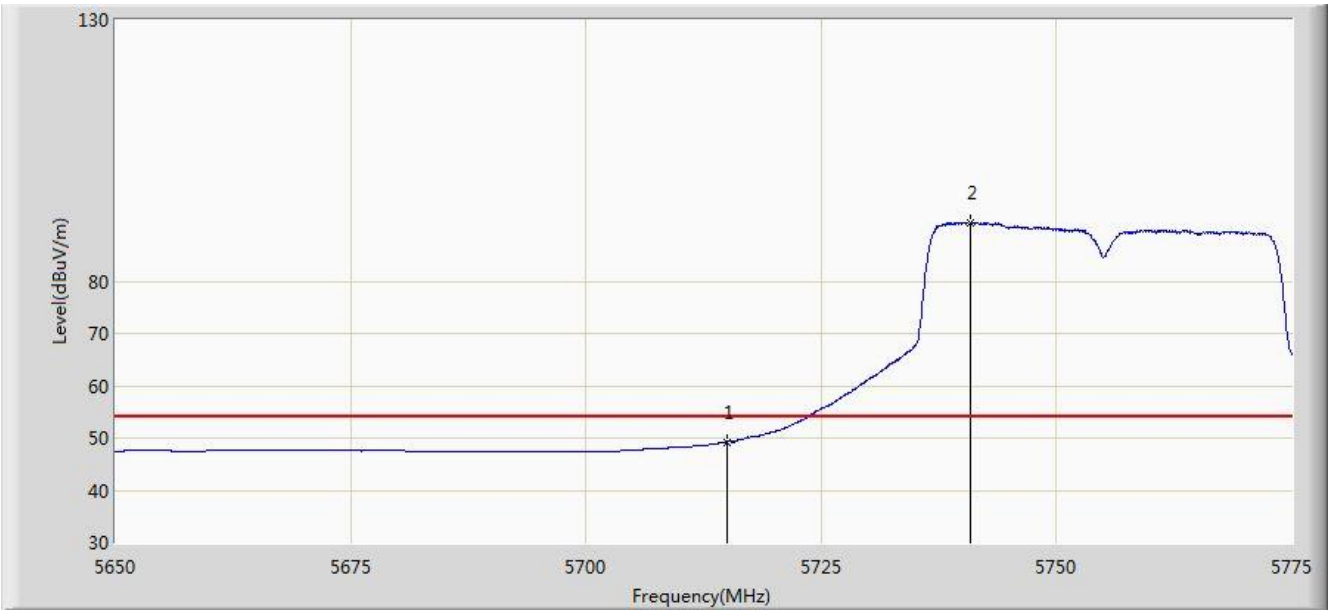


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5712.875	66.010	62.255	-7.990	74.000	3.755	PK
2			5715.000	63.045	59.284	-10.955	74.000	3.761	PK
3			5724.250	77.096	73.308	-1.104	78.200	3.789	PK
4			5725.000	74.379	70.588	-3.821	78.200	3.791	PK
5		*	5741.062	111.893	108.053	N/A	N/A	3.840	PK

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

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

Site: AC1	Time: 2016/01/04 - 15:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz Ant 1	

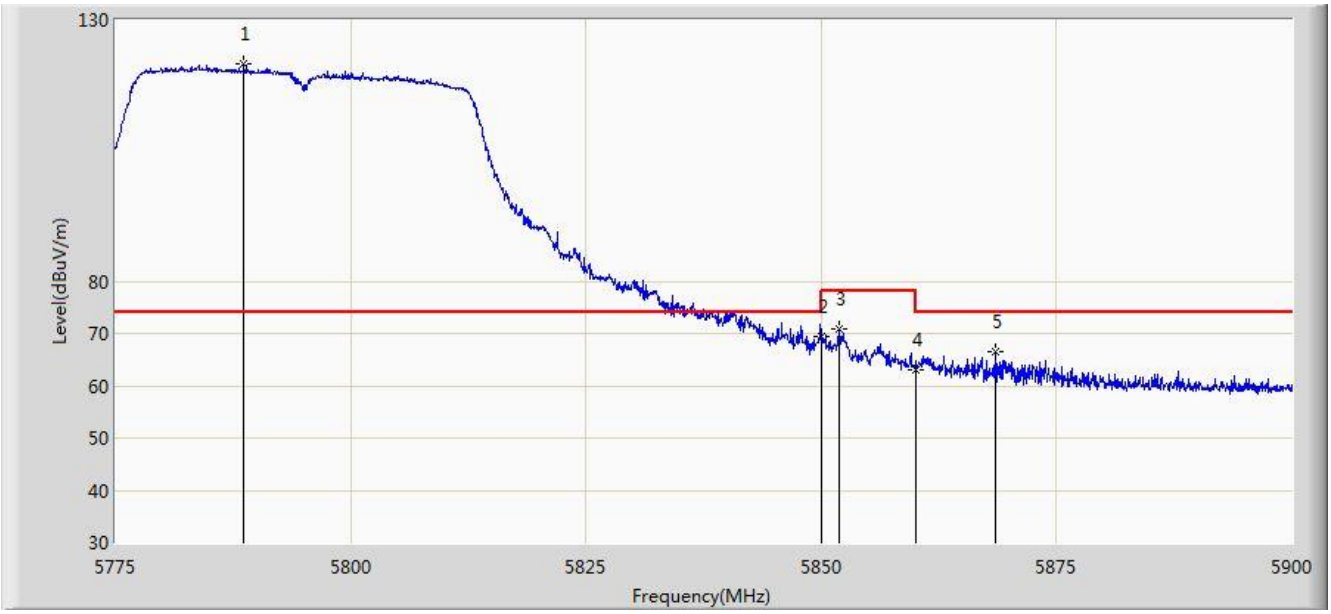


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	49.266	45.505	-4.734	54.000	3.761	AV
2		*	5740.812	91.074	87.235	N/A	N/A	3.839	AV

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: 2016/01/04 - 15:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz Ant 1	

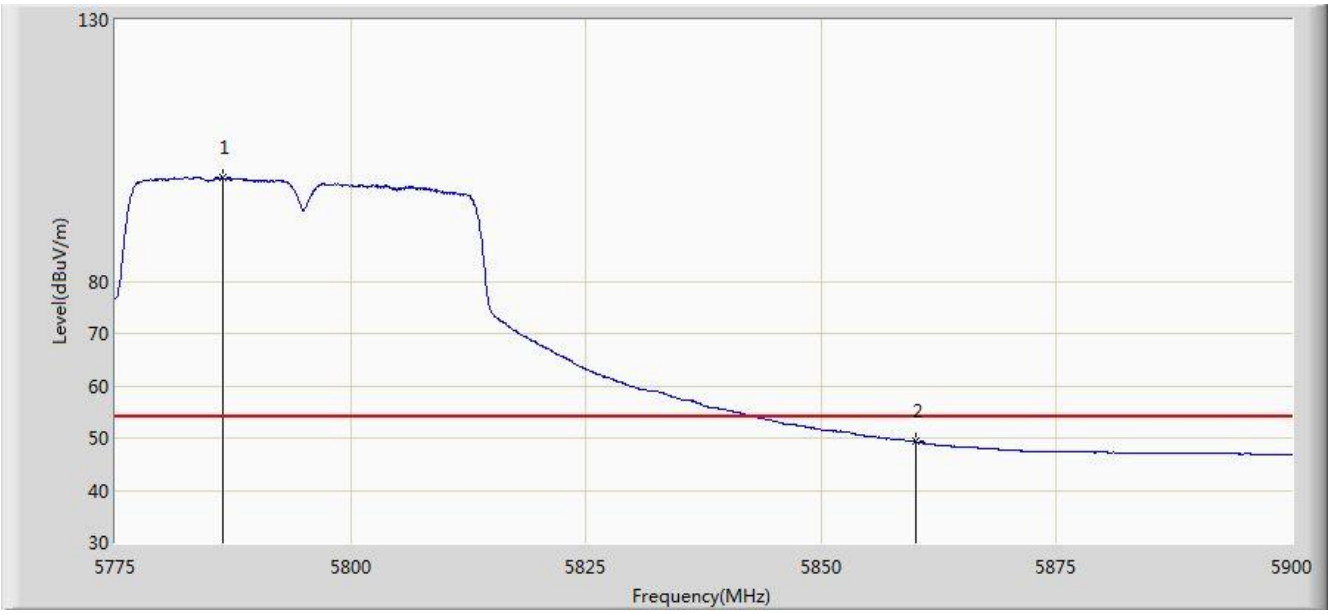


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5788.687	121.516	117.573	N/A	N/A	3.943	PK
2			5850.000	69.417	65.360	-8.783	78.200	4.058	PK
3			5851.937	70.881	66.823	-7.319	78.200	4.058	PK
4			5860.000	62.955	58.892	-11.045	74.000	4.064	PK
5			5868.437	66.446	62.361	-7.554	74.000	4.084	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: 2016/01/04 - 15:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz Ant 1	

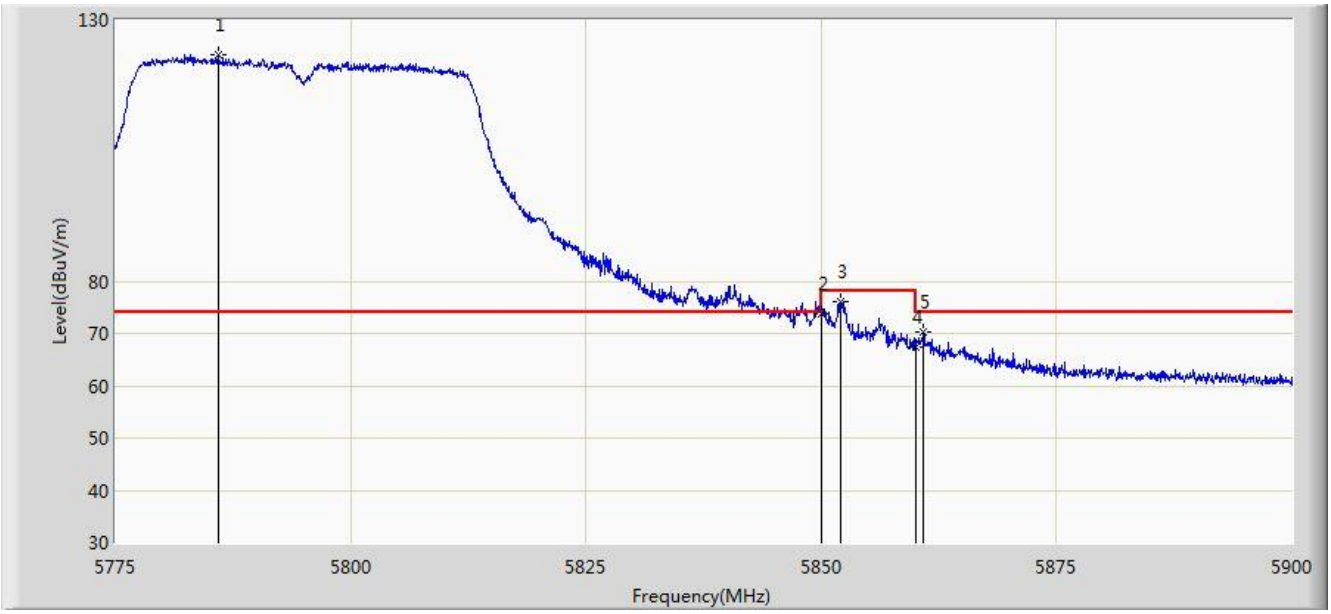


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5786.375	99.753	95.815	N/A	N/A	3.939	AV
2			5860.000	49.304	45.241	-4.696	54.000	4.064	AV

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: 2016/01/04 - 15:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz Ant 1	

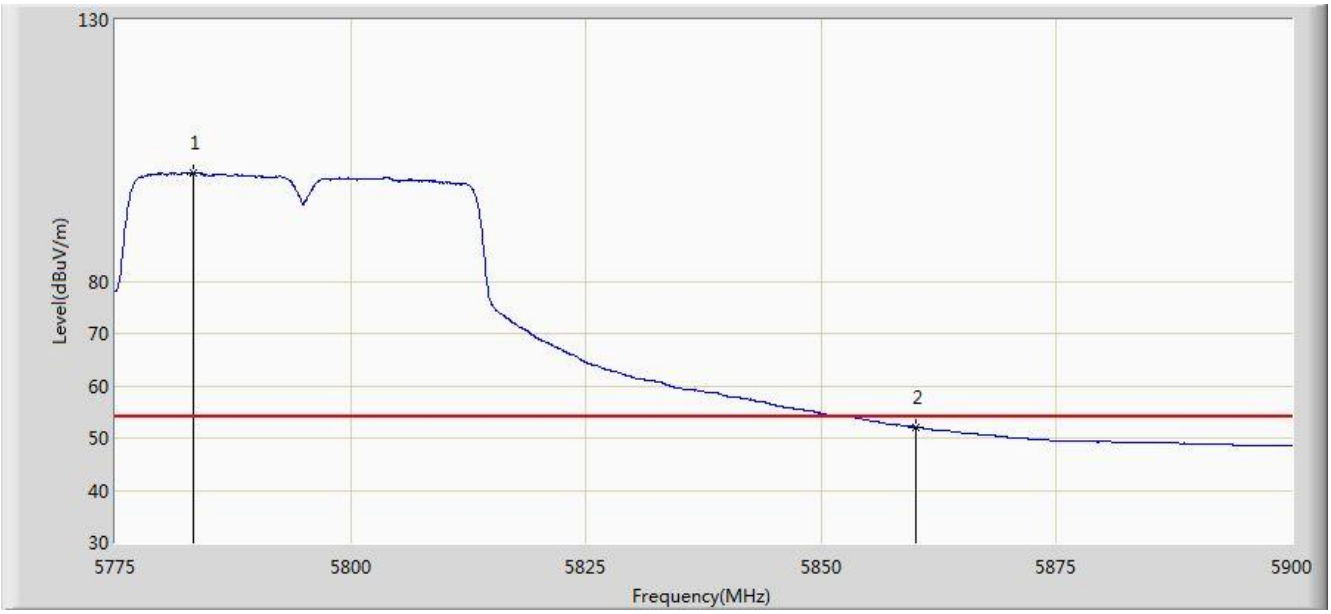


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5786.000	123.202	119.264	N/A	N/A	3.938	PK
2			5850.000	73.907	69.850	-4.293	78.200	4.058	PK
3			5852.000	76.051	71.993	-2.149	78.200	4.058	PK
4			5860.000	67.489	63.426	-6.511	74.000	4.064	PK
5			5860.875	70.252	66.188	-3.748	74.000	4.064	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: 2016/01/04 - 15:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz Ant 1	

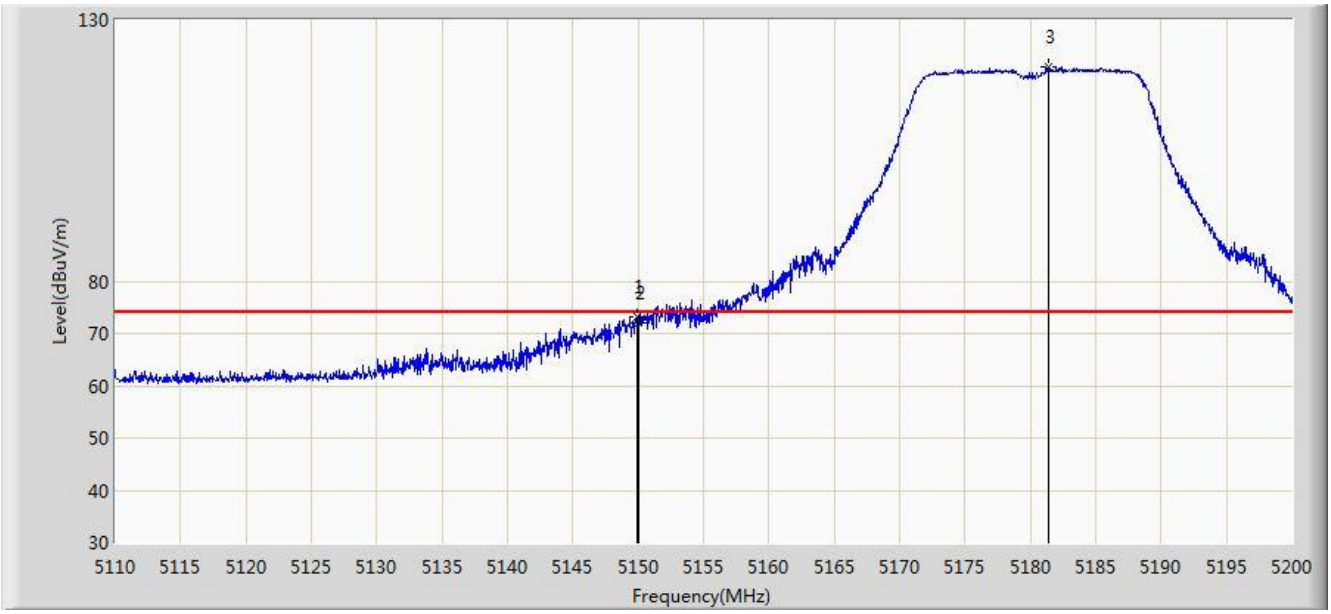


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5783.312	100.728	96.795	N/A	N/A	3.932	AV
2			5860.000	52.128	48.065	-1.872	54.000	4.064	AV

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: 2016/01/04 - 15:29
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 1	

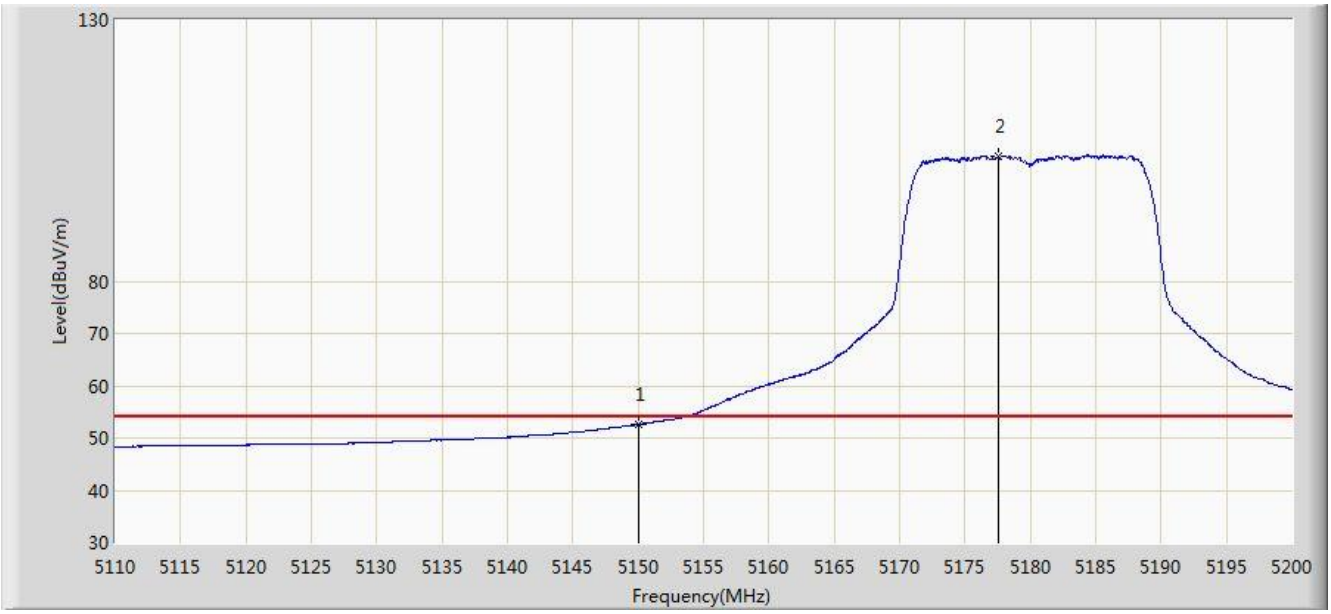


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.870	73.163	69.854	-0.837	74.000	3.309	PK
2			5150.000	72.102	68.793	-1.898	74.000	3.309	PK
3		*	5181.370	120.873	117.601	N/A	N/A	3.271	PK

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

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

Site: AC1	Time: 2016/01/04 - 15:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 1	

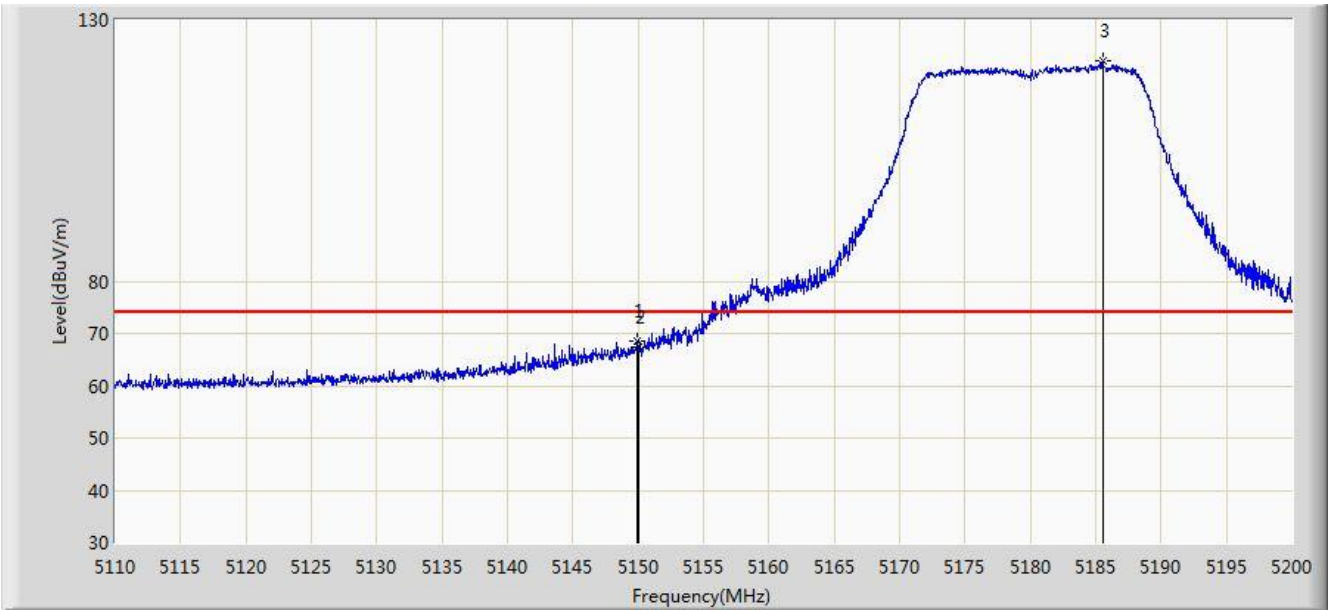


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	52.675	49.366	-1.325	54.000	3.309	AV
2		*	5177.590	103.784	100.509	N/A	N/A	3.275	AV

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

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

Site: AC1	Time: 2016/01/04 - 15:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 1	

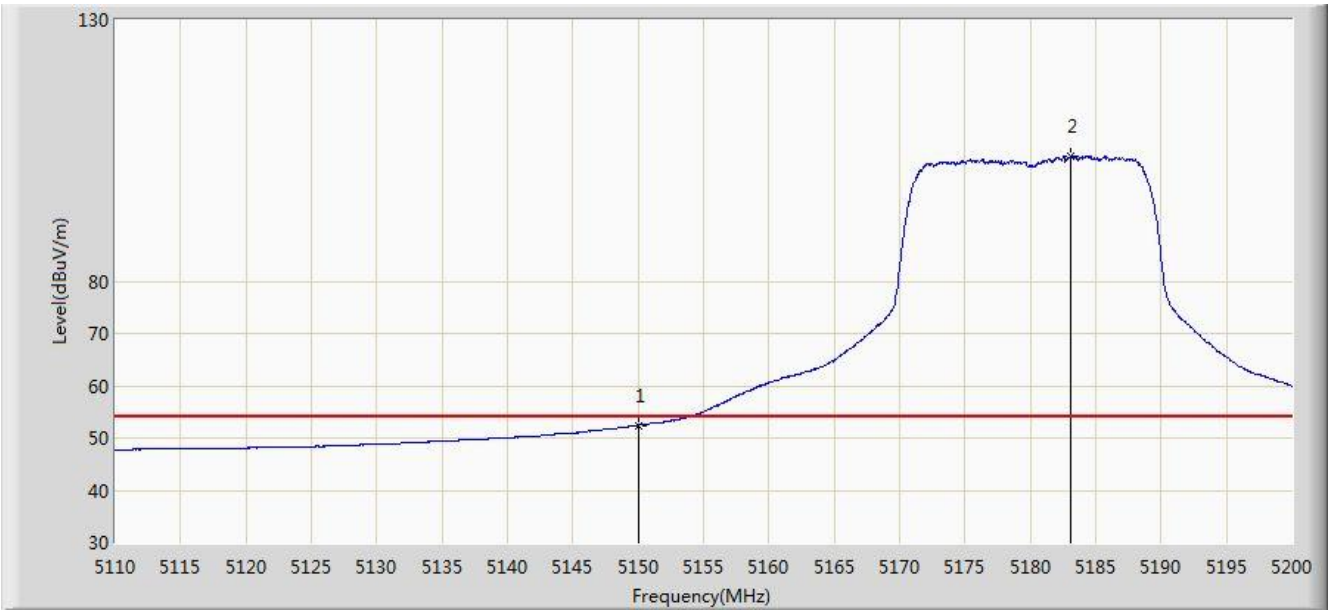


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.960	68.685	65.376	-5.315	74.000	3.309	PK
2			5150.000	67.286	63.977	-6.714	74.000	3.309	PK
3		*	5185.510	122.100	118.833	N/A	N/A	3.266	PK

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

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

Site: AC1	Time: 2016/01/04 - 15:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 1	

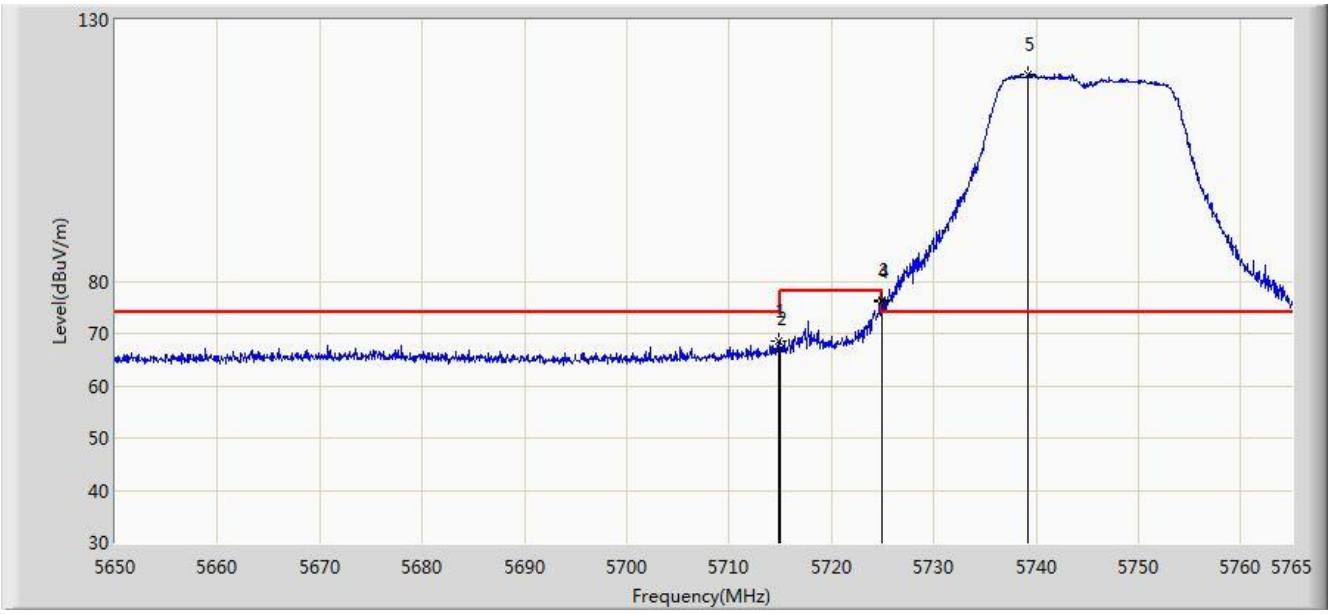


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	52.454	49.145	-1.546	54.000	3.309	AV
2		*	5183.125	103.791	100.521	N/A	N/A	3.269	AV

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: 2016/01/04 - 16:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 1	

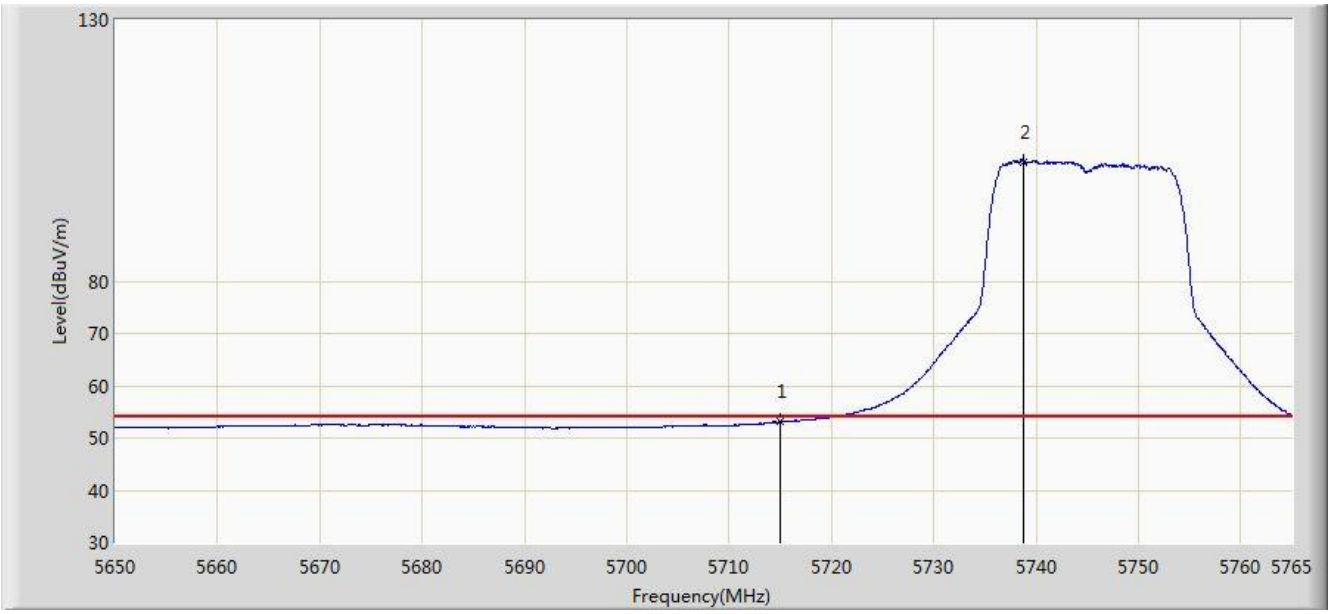


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5714.803	68.527	64.767	-5.473	74.000	3.760	PK
2			5715.000	66.972	63.211	-7.028	74.000	3.761	PK
3			5724.980	76.259	72.468	-1.941	78.200	3.791	PK
4			5725.000	75.978	72.187	-2.222	78.200	3.791	PK
5		*	5739.240	119.620	115.785	N/A	N/A	3.835	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: 2016/01/04 - 16:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 1	

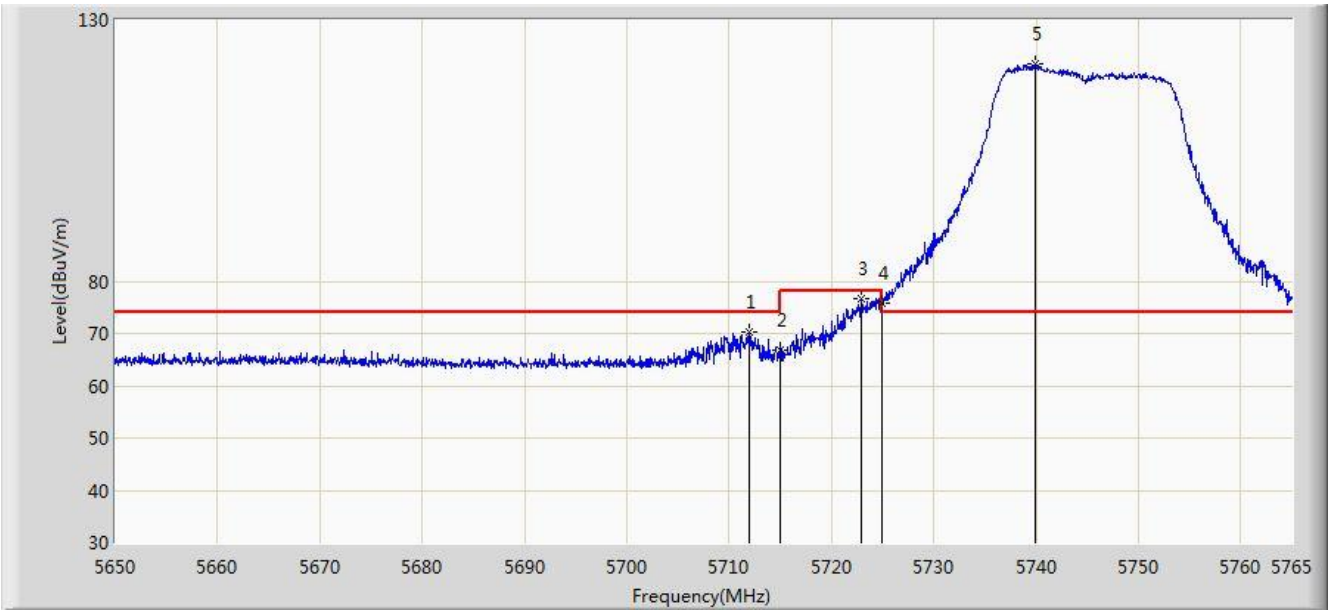


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	53.096	49.335	-0.904	54.000	3.761	AV
2		*	5738.837	102.818	98.984	N/A	N/A	3.834	AV

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: 2016/01/04 - 16:03
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 1	

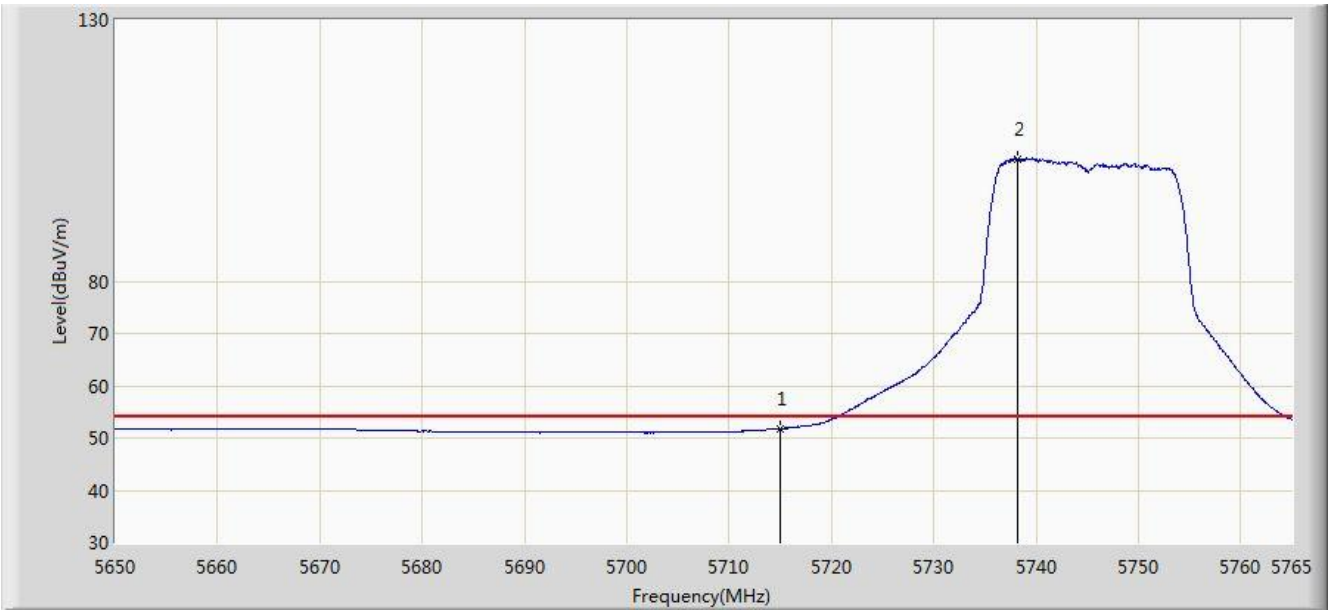


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5711.985	70.353	66.601	-3.647	74.000	3.752	PK
2			5715.000	66.849	63.088	-7.151	74.000	3.761	PK
3			5722.853	76.679	72.895	-1.521	78.200	3.784	PK
4			5725.000	75.716	71.925	-2.484	78.200	3.791	PK
5		*	5739.987	121.505	117.668	N/A	N/A	3.837	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: 2016/01/04 - 16:07
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 1	

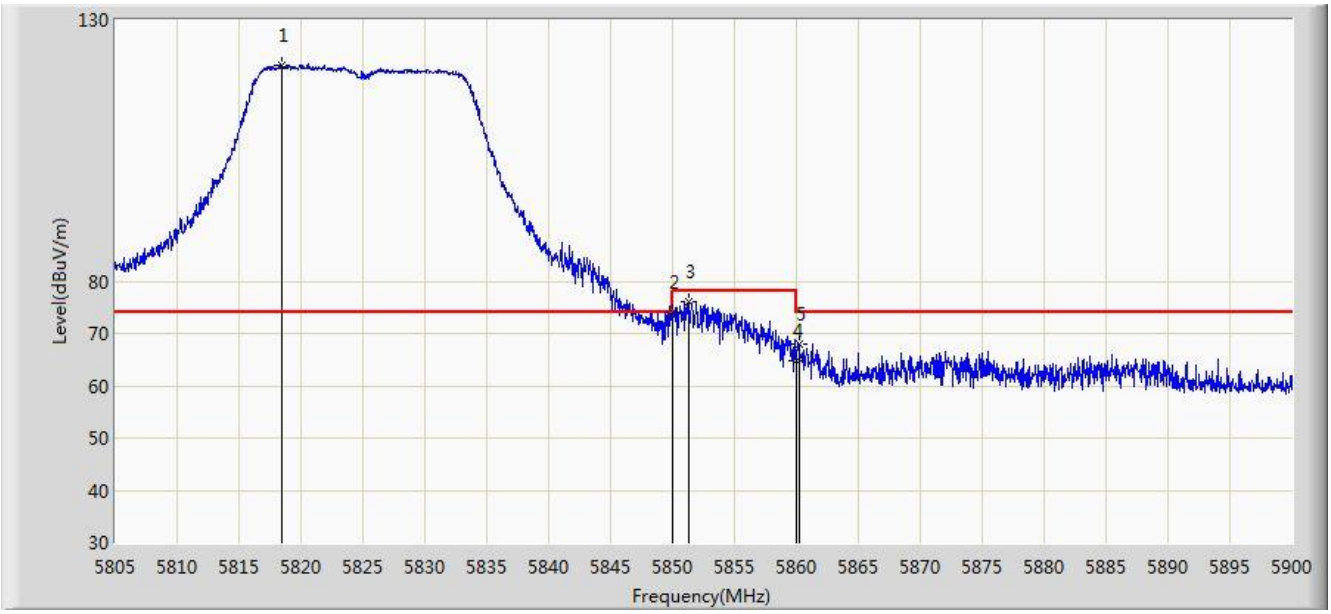


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	51.806	48.045	-2.194	54.000	3.761	AV
2		*	5738.147	103.229	99.397	N/A	N/A	3.832	AV

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: 2016/01/04 - 16:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 1	

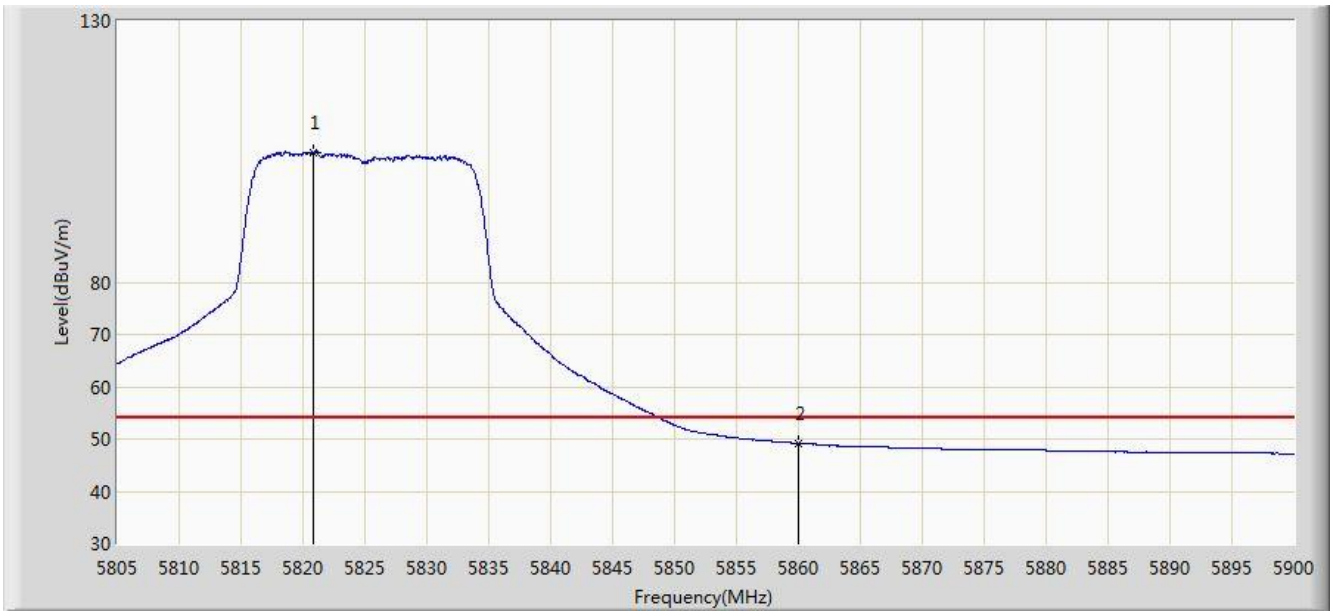


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5818.442	121.223	117.233	N/A	N/A	3.991	PK
2			5850.000	73.973	69.916	-4.227	78.200	4.058	PK
3			5851.360	76.128	72.070	-2.072	78.200	4.057	PK
4			5860.000	64.757	60.694	-9.243	74.000	4.064	PK
5			5860.195	68.068	64.004	-5.932	74.000	4.063	PK

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

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

Site: AC1	Time: 2016/01/04 - 16:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 1	

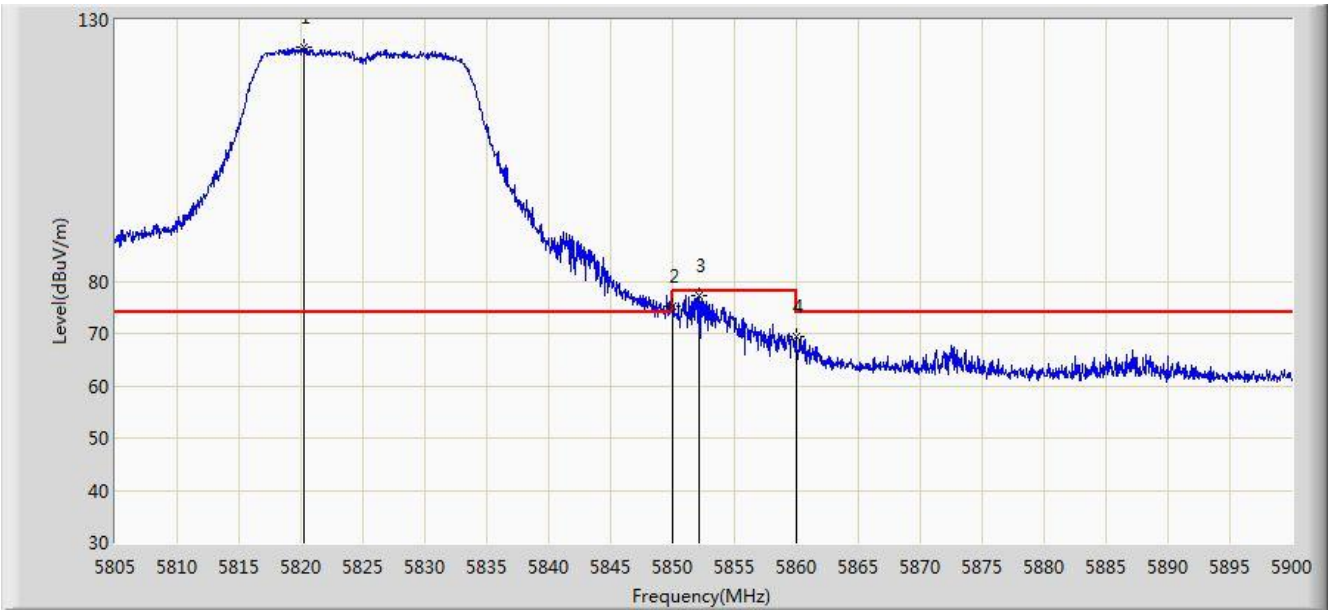


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5820.817	104.715	100.719	N/A	N/A	3.997	AV
2			5860.000	49.190	45.127	-4.810	54.000	4.064	AV

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: 2016/01/04 - 16:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 1	

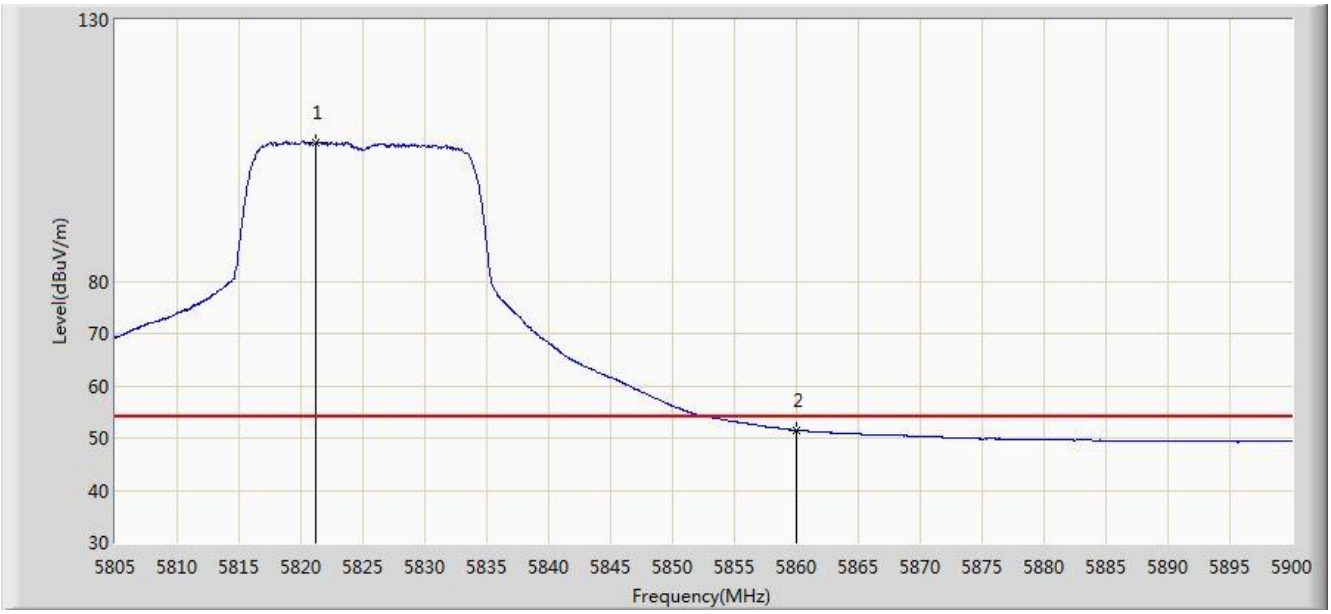


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5820.248	124.904	120.910	N/A	N/A	3.995	PK
2			5850.000	75.289	71.232	-2.911	78.200	4.058	PK
3			5852.120	77.115	73.057	-1.085	78.200	4.058	PK
4			5860.000	69.373	65.310	-4.627	74.000	4.064	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: 2016/01/04 - 16:39
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 1	

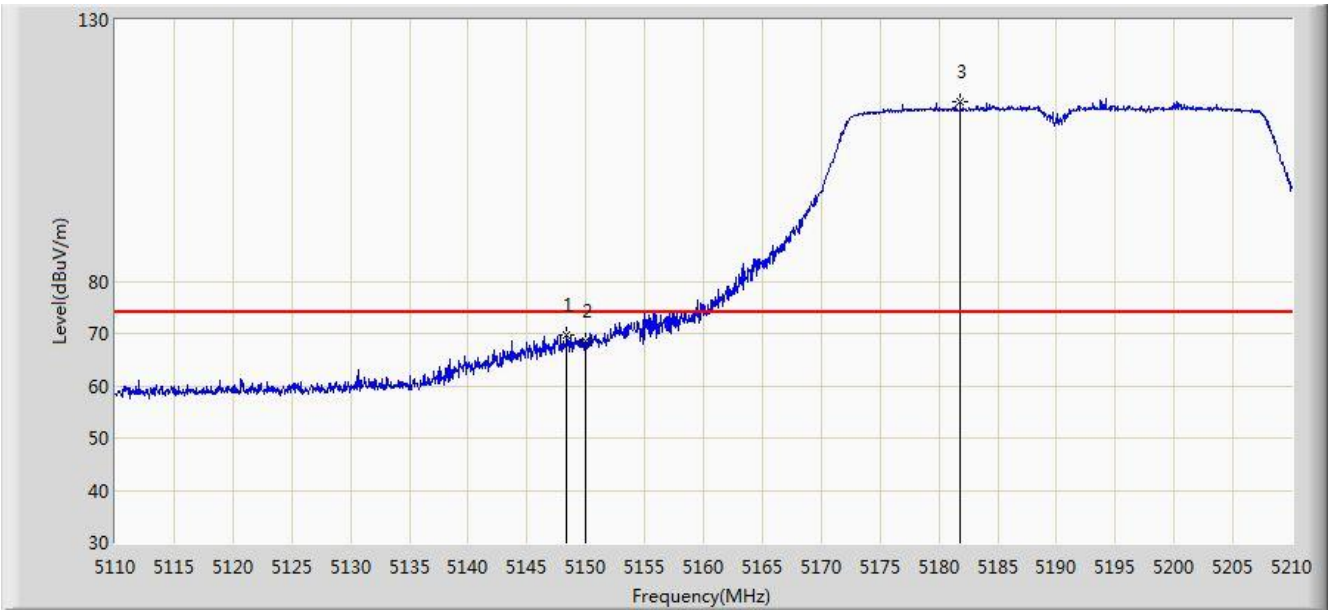


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5821.245	106.566	102.569	N/A	N/A	3.997	AV
2			5860.000	51.534	47.471	-2.466	54.000	4.064	AV

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: 2016/01/04 - 16:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 1	

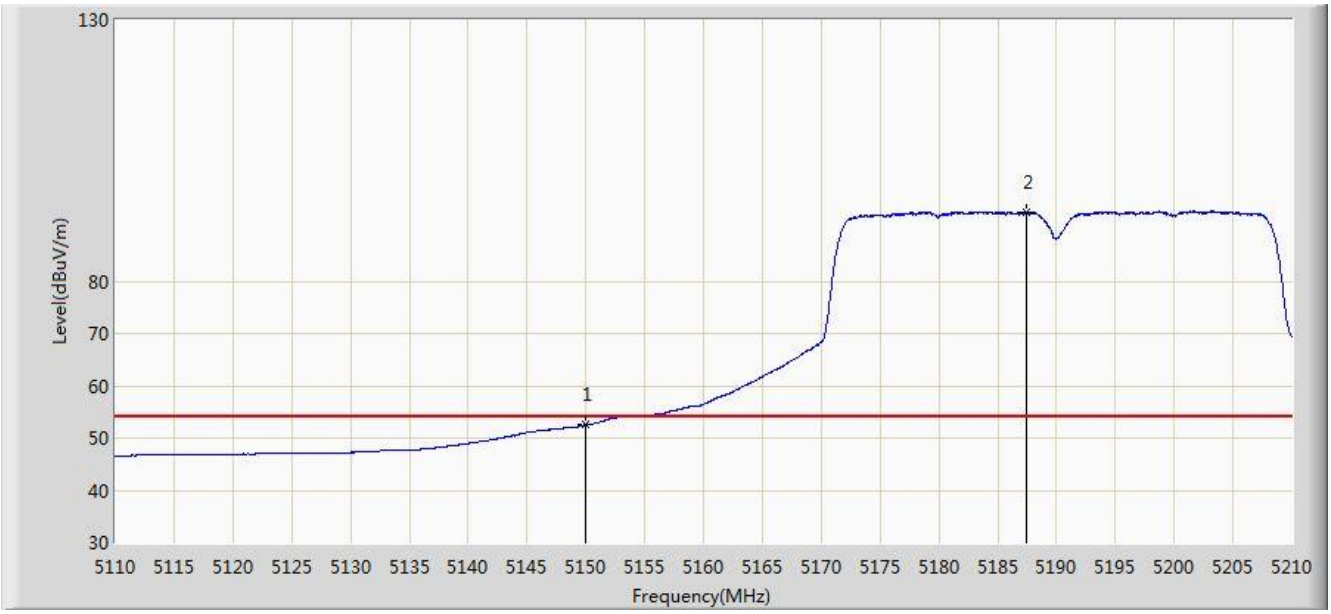


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.350	69.833	66.524	-4.167	74.000	3.308	PK
2			5150.000	68.518	65.209	-5.482	74.000	3.309	PK
3		*	5181.800	114.404	111.133	N/A	N/A	3.272	PK

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

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

Site: AC1	Time: 2016/01/04 - 16:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 1	

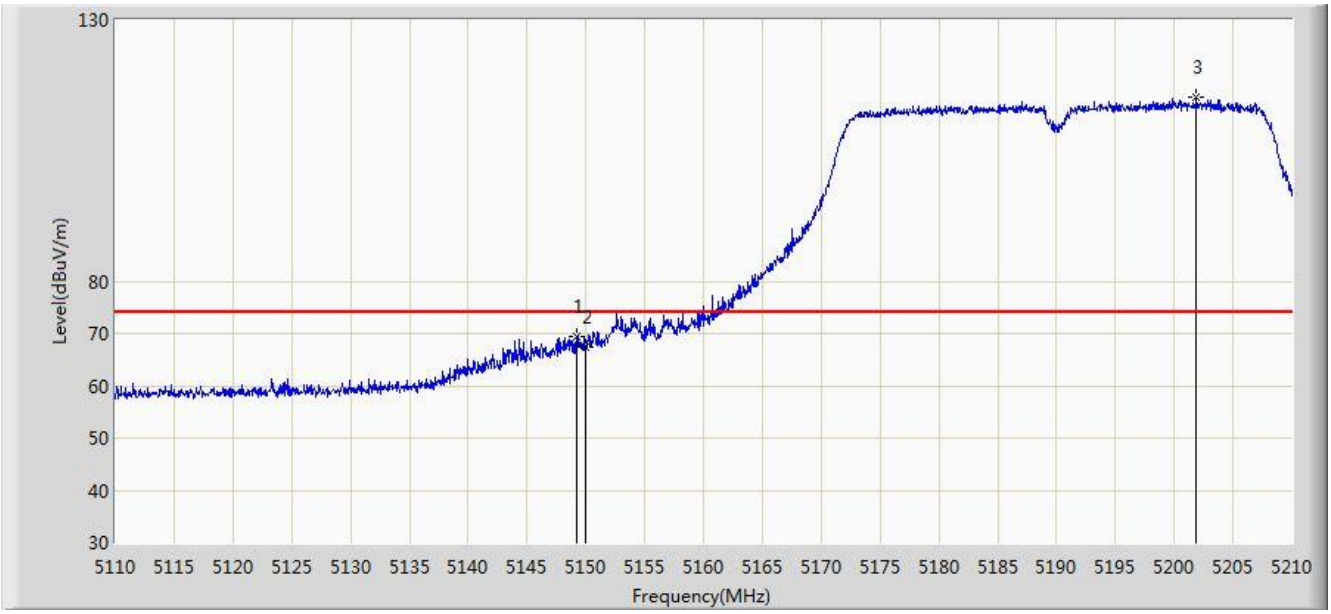


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	52.534	49.225	-1.466	54.000	3.309	AV
2		*	5187.500	93.204	89.940	N/A	N/A	3.264	AV

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

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

Site: AC1	Time: 2016/01/04 - 16:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 1	

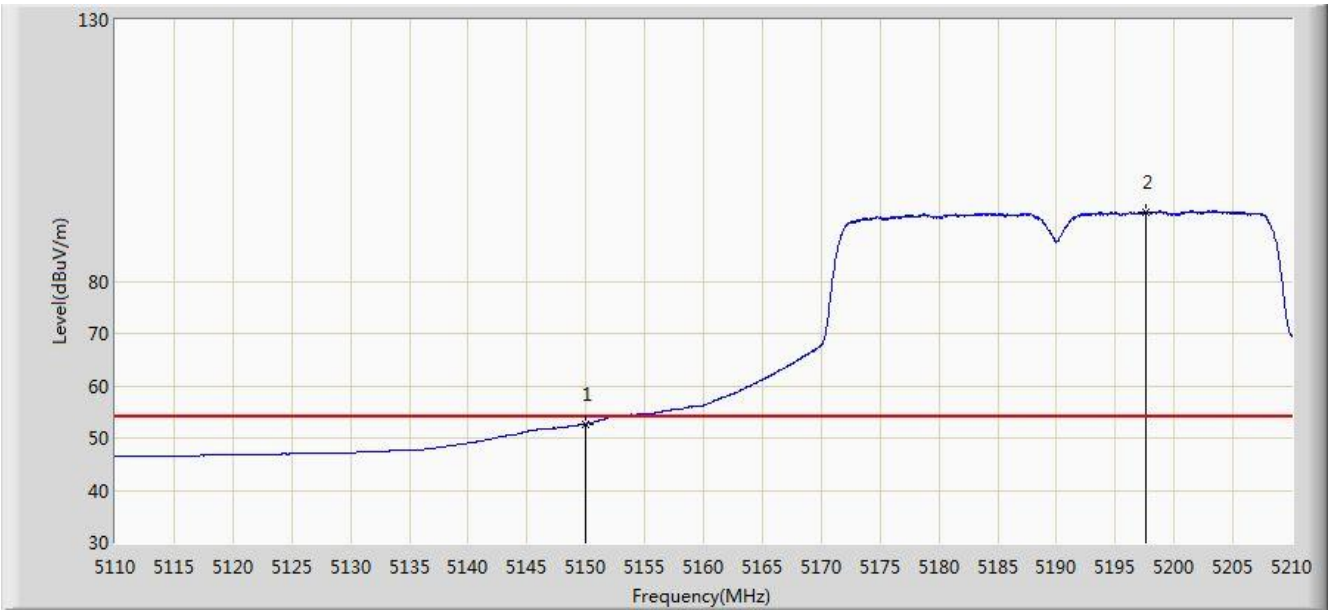


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.200	69.379	66.070	-4.621	74.000	3.309	PK
2			5150.000	67.443	64.134	-6.557	74.000	3.309	PK
3		*	5201.850	115.293	112.049	N/A	N/A	3.245	PK

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: 2016/01/04 - 16:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 1	

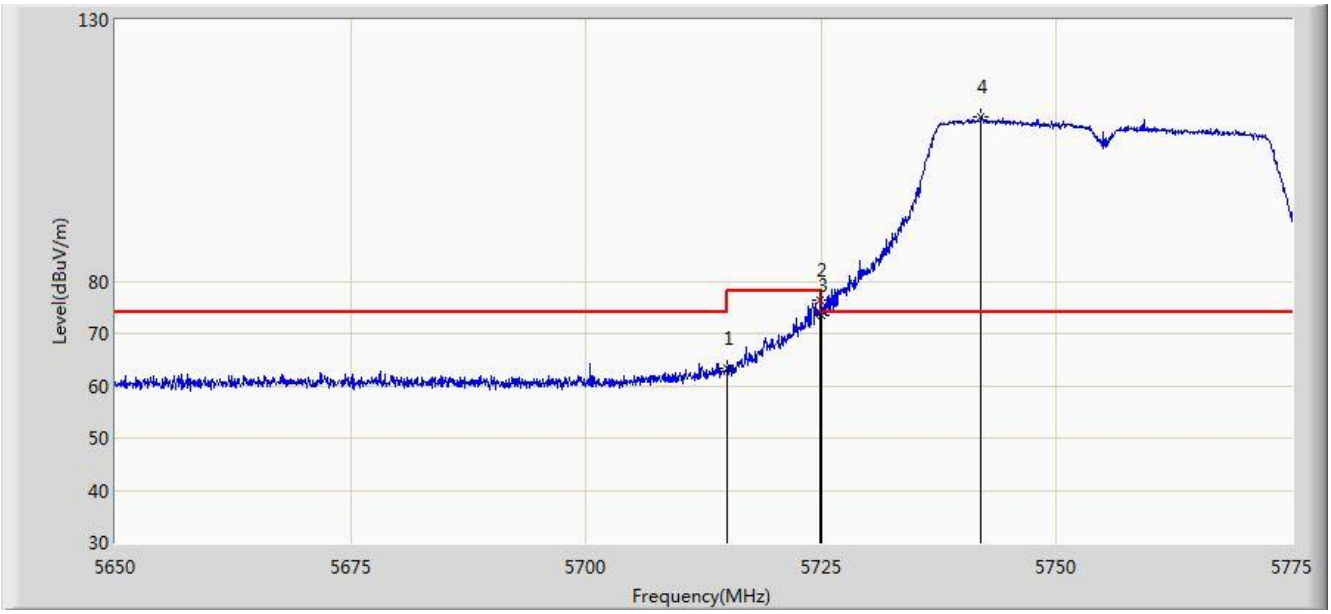


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	52.721	49.412	-1.279	54.000	3.309	AV
2		*	5197.550	93.225	89.973	N/A	N/A	3.252	AV

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: 2016/01/04 - 17:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 1	

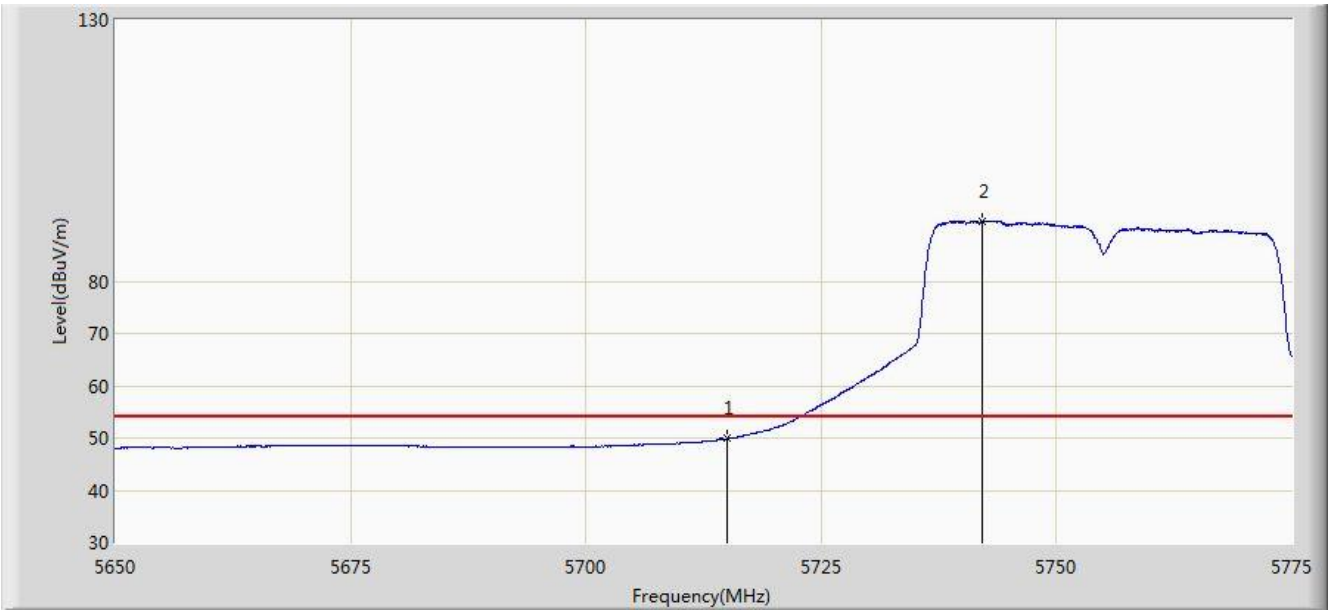


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	63.333	59.572	-10.667	74.000	3.761	PK
2			5724.937	76.469	72.678	-1.731	78.200	3.791	PK
3			5725.000	73.531	69.740	-4.669	78.200	3.791	PK
4		*	5742.000	111.534	107.692	N/A	N/A	3.843	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: 2016/01/04 - 17:07
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 1	

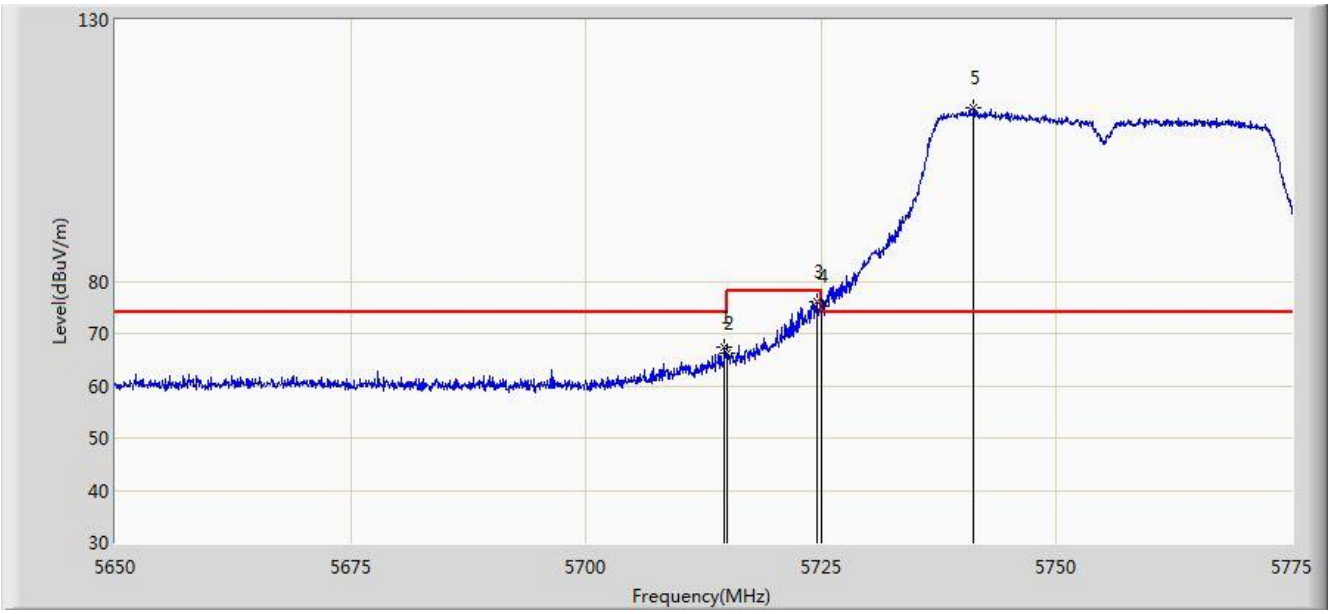


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	49.889	46.128	-4.111	54.000	3.761	AV
2		*	5742.062	91.403	87.560	N/A	N/A	3.843	AV

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: 2016/01/04 - 17:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 1	

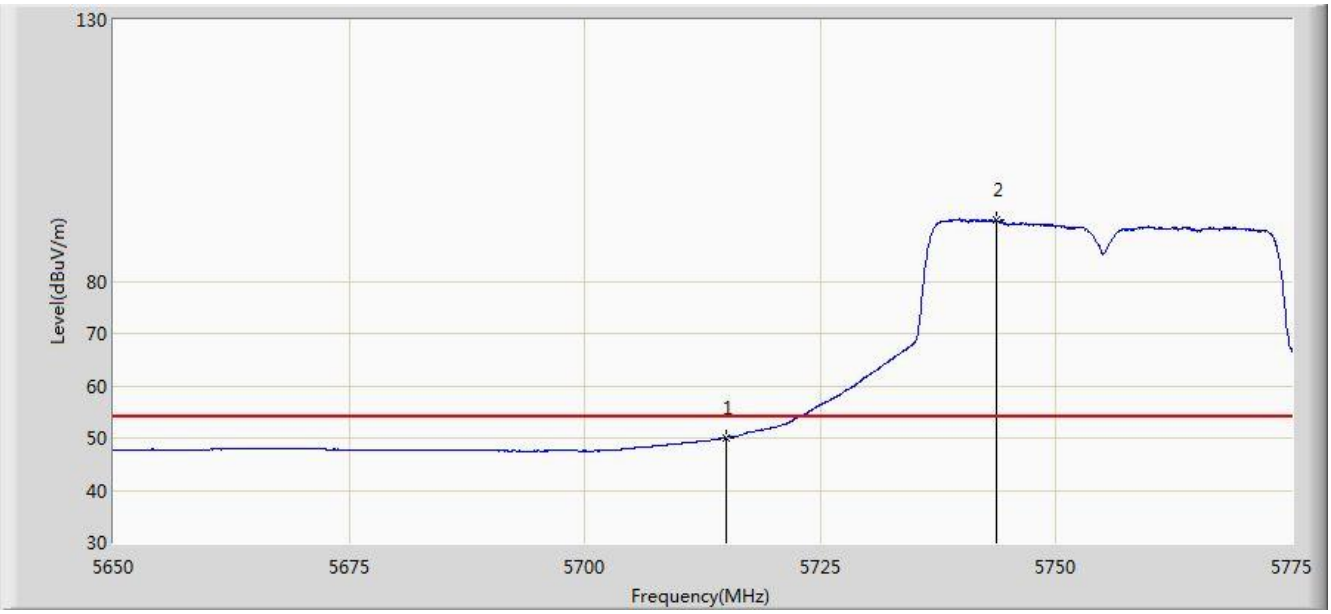


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5714.750	67.330	63.570	-6.670	74.000	3.760	PK
2			5715.000	66.279	62.518	-7.721	74.000	3.761	PK
3			5724.500	76.208	72.419	-1.992	78.200	3.790	PK
4			5725.000	75.122	71.331	-3.078	78.200	3.791	PK
5		*	5741.187	113.312	109.472	N/A	N/A	3.840	PK

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

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

Site: AC1	Time: 2016/01/04 - 17:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 1	

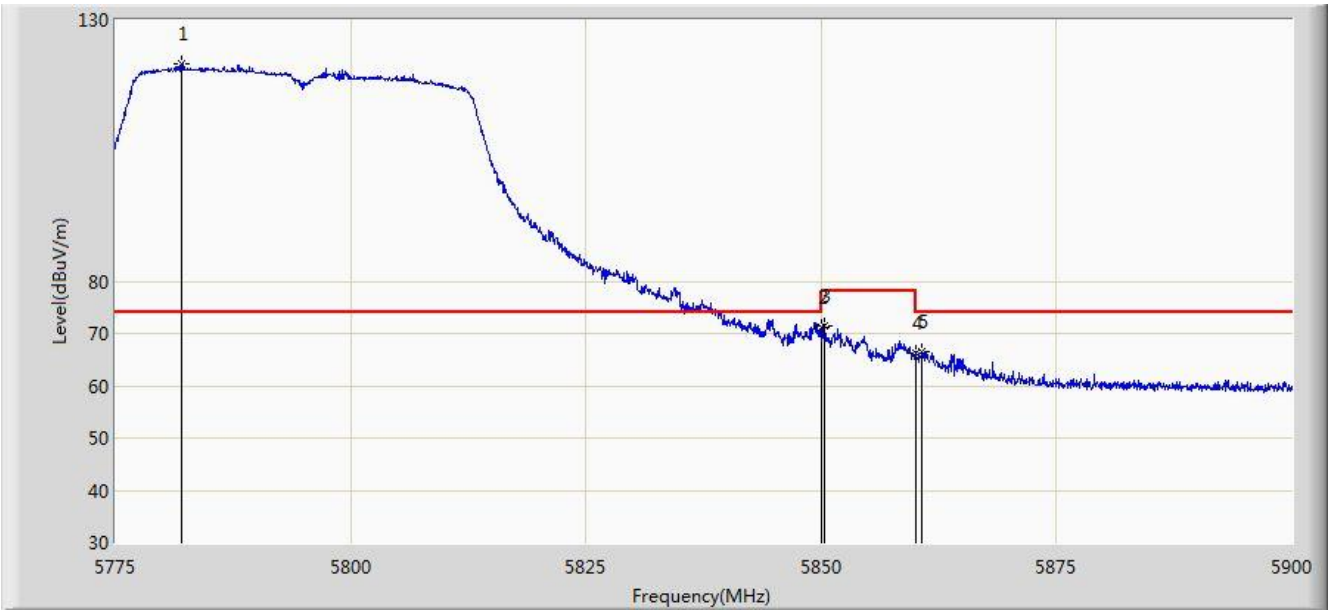


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	50.091	46.330	-3.909	54.000	3.761	AV
2		*	5743.625	91.675	87.827	N/A	N/A	3.847	AV

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: 2016/01/04 - 17:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 1	

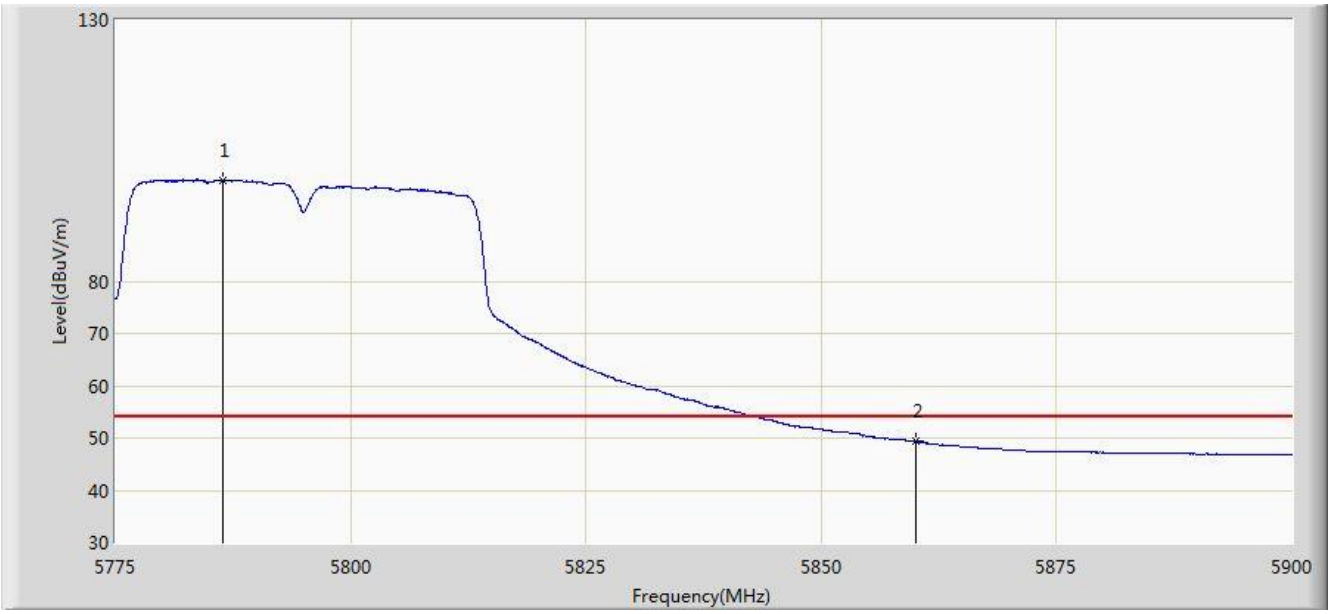


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5782.125	121.660	117.729	N/A	N/A	3.931	PK
2			5850.000	71.057	67.000	-7.143	78.200	4.058	PK
3			5850.312	71.310	67.253	-6.890	78.200	4.057	PK
4			5860.000	66.210	62.147	-7.790	74.000	4.064	PK
5			5860.750	66.589	62.525	-7.411	74.000	4.063	PK

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

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

Site: AC1	Time: 2016/01/04 - 17:13
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 1	

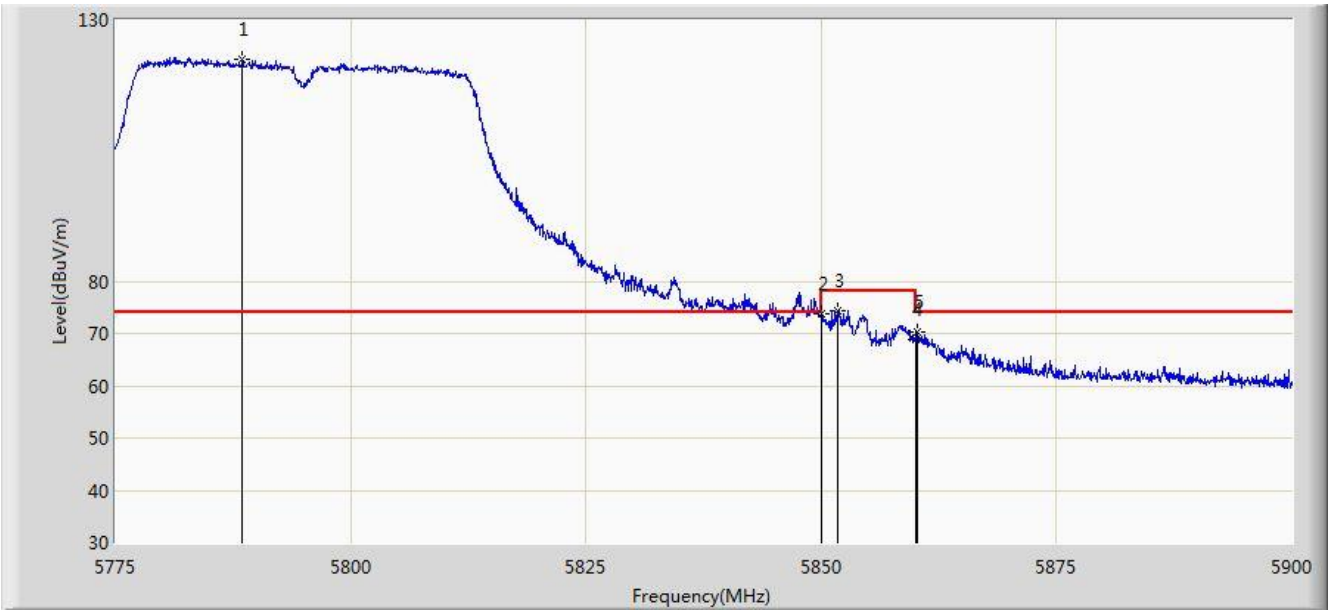


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5786.437	99.414	95.475	N/A	N/A	3.939	AV
2			5860.000	49.453	45.390	-4.547	54.000	4.064	AV

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: 2016/01/04 - 17:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 1	

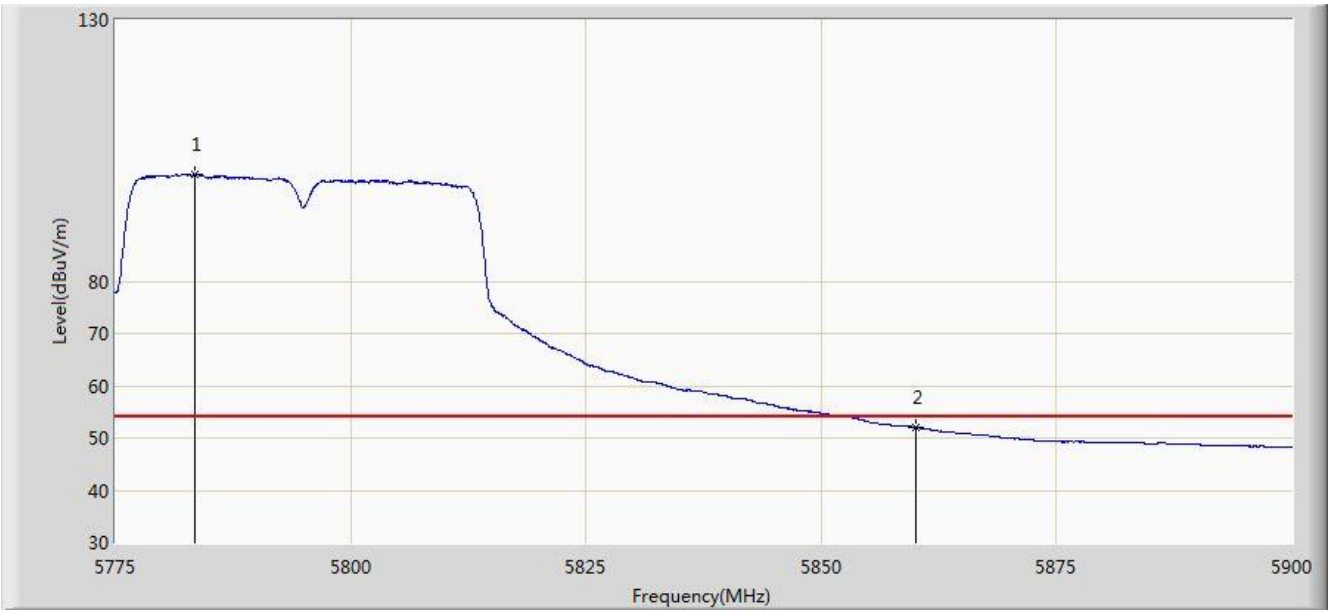


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5788.500	122.418	118.476	N/A	N/A	3.942	PK
2			5850.000	73.862	69.805	-4.338	78.200	4.058	PK
3			5851.750	74.362	70.304	-3.838	78.200	4.059	PK
4			5860.000	68.813	64.750	-5.187	74.000	4.064	PK
5			5860.250	70.263	66.199	-3.737	74.000	4.064	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: 2016/01/04 - 17:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 1	

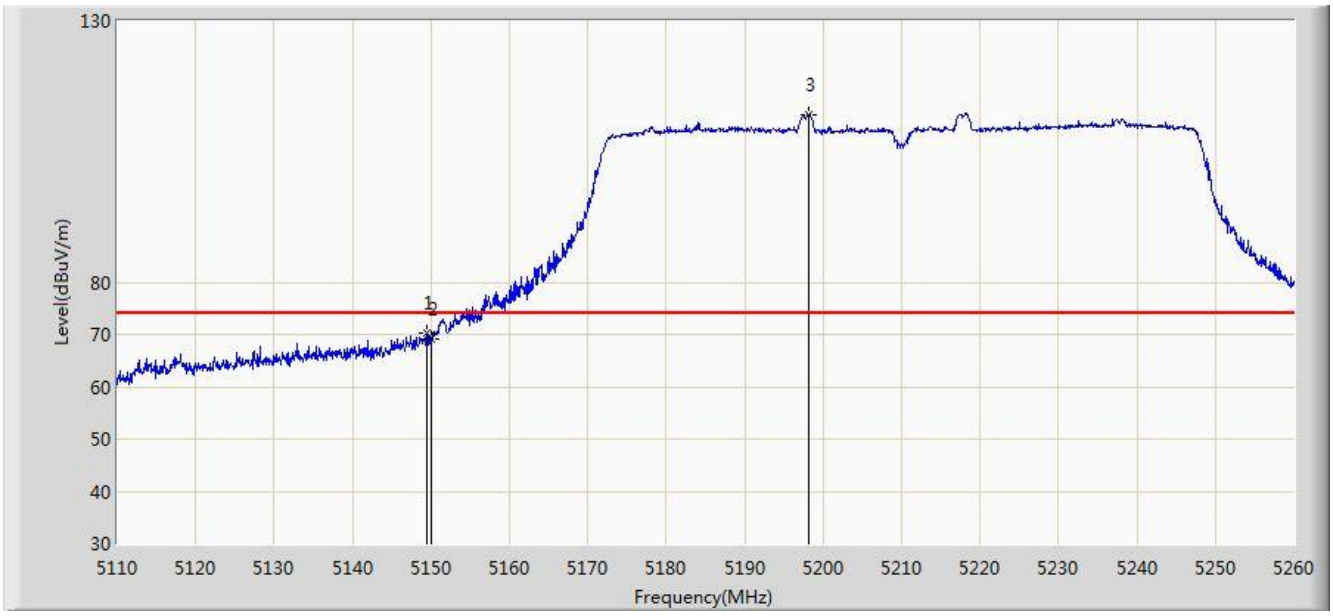


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5783.500	100.387	96.454	N/A	N/A	3.933	AV
2			5860.000	52.119	48.056	-1.881	54.000	4.064	AV

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: 2016/01/04 - 17:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 1	

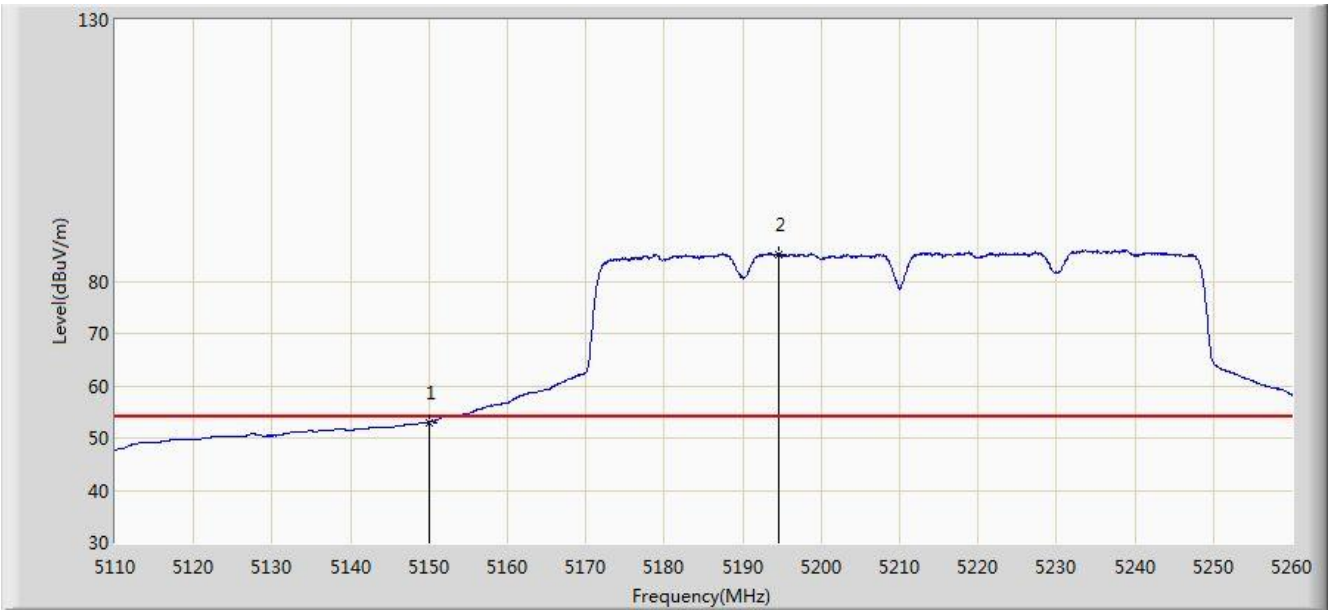


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.450	70.415	67.106	-3.585	74.000	3.309	PK
2			5150.000	69.158	65.849	-4.842	74.000	3.309	PK
3		*	5198.200	112.145	108.893	N/A	N/A	3.251	PK

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: 2016/01/04 - 17:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 1	

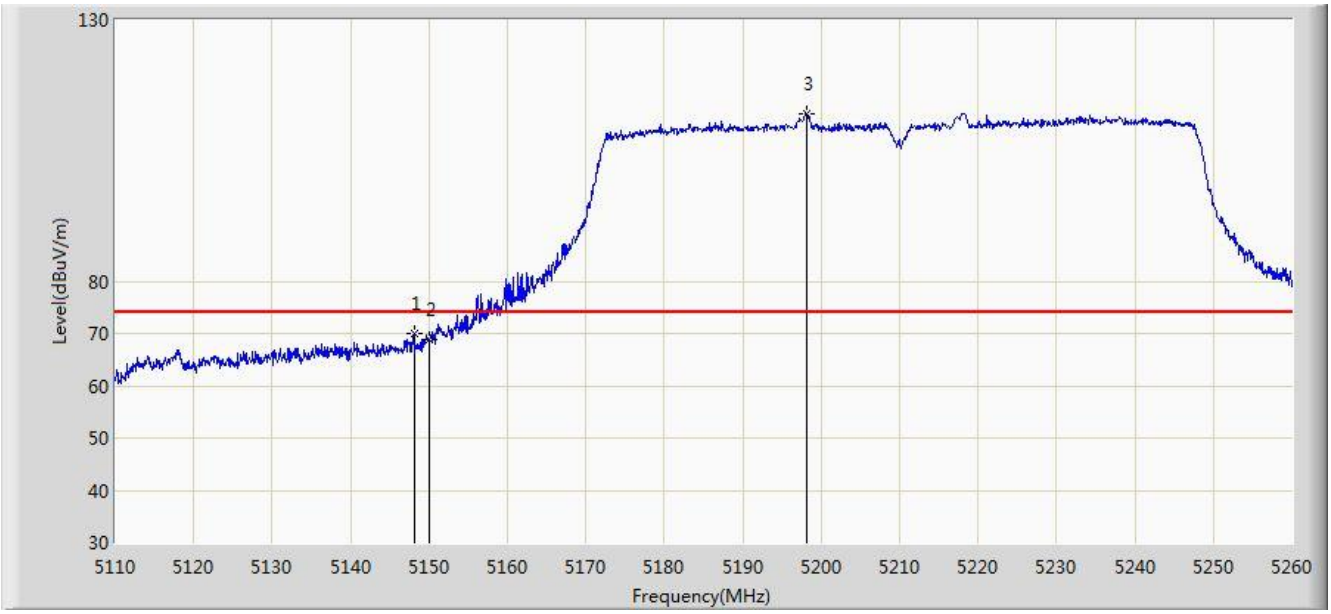


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	52.974	49.665	-1.026	54.000	3.309	AV
2		*	5194.600	85.213	81.957	N/A	N/A	3.256	AV

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: 2016/01/04 - 17:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 1	

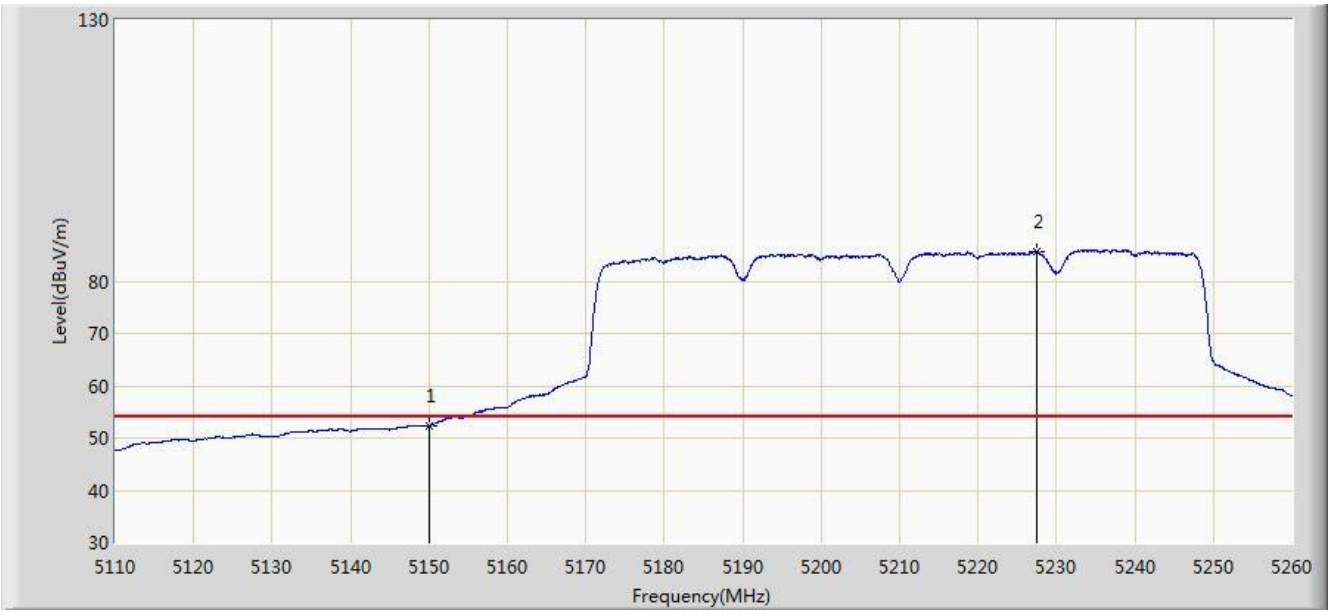


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.100	70.045	66.736	-3.955	74.000	3.309	PK
2			5150.000	68.714	65.405	-5.286	74.000	3.309	PK
3		*	5198.125	111.894	108.642	N/A	N/A	3.252	PK

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: 2016/01/04 - 17:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 1	

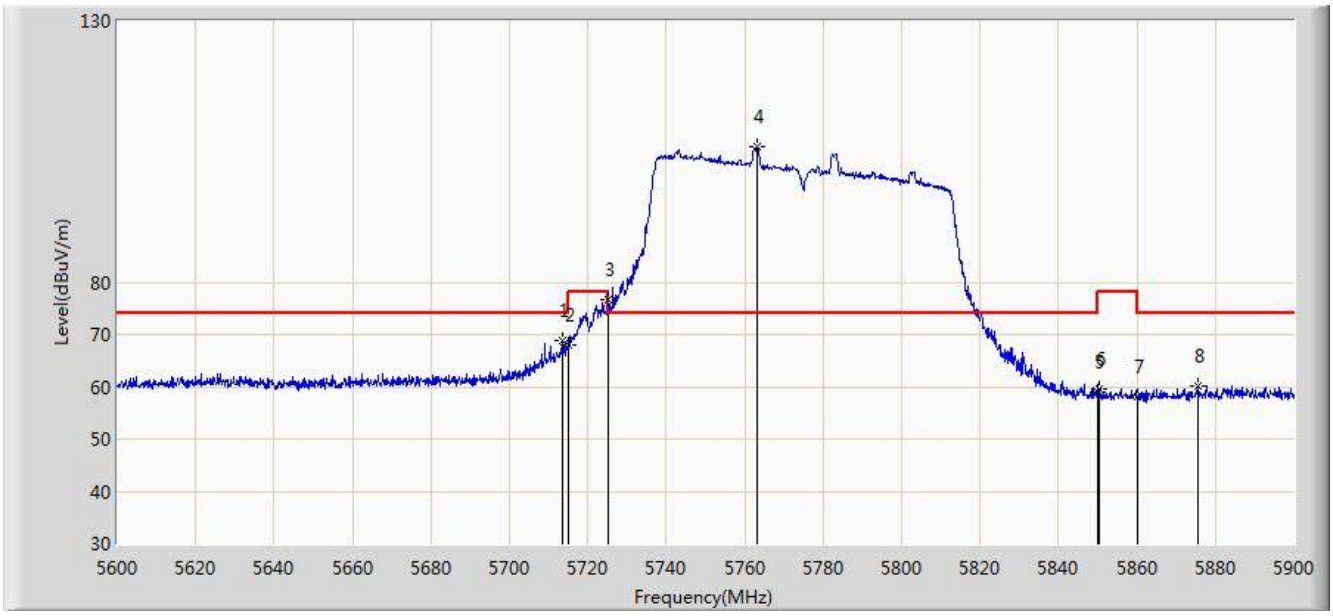


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	52.314	49.005	-1.686	54.000	3.309	AV
2		*	5227.450	85.748	82.544	N/A	N/A	3.204	AV

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: 2016/01/04 - 17:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Ant 1	

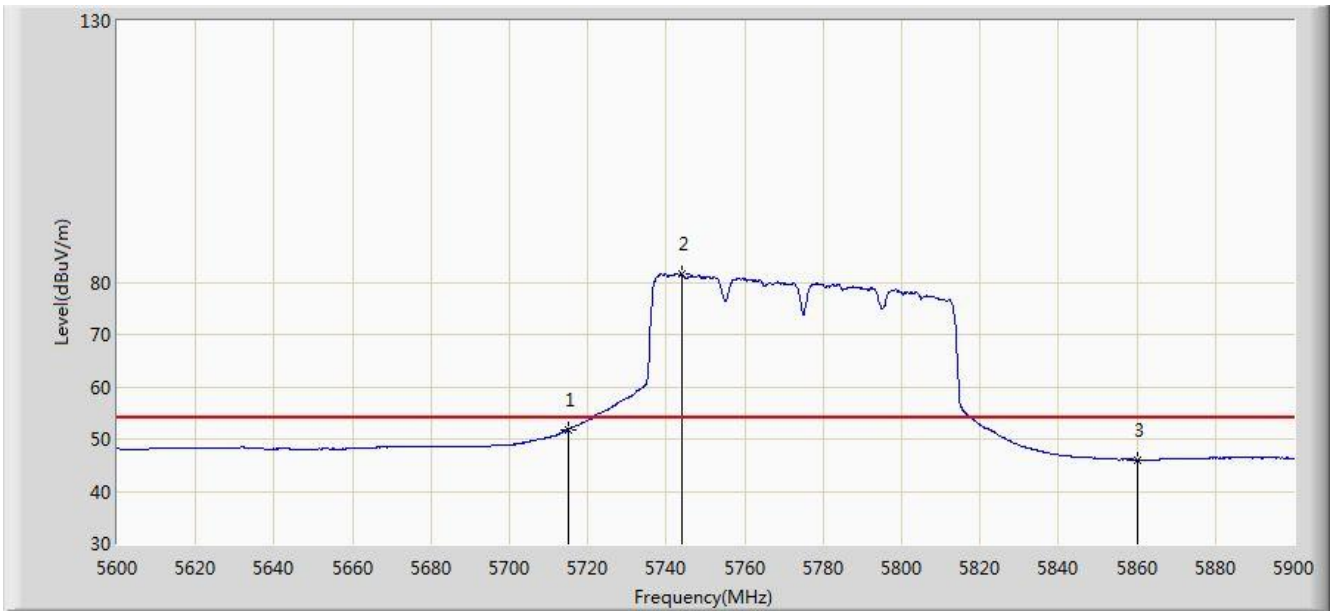


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5713.700	68.980	65.223	-5.020	74.000	3.757	PK
2			5715.000	68.019	64.258	-5.981	74.000	3.761	PK
3			5725.000	76.619	72.828	-1.581	78.200	3.791	PK
4		*	5763.050	105.957	102.048	N/A	N/A	3.909	PK
5			5850.000	58.994	54.937	-19.206	78.200	4.058	PK
6			5850.500	59.466	55.409	-18.734	78.200	4.058	PK
7			5860.000	58.094	54.031	-15.906	74.000	4.064	PK
8			5875.400	60.064	55.958	-13.936	74.000	4.106	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: 2016/01/04 - 17:48
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Ant 1	

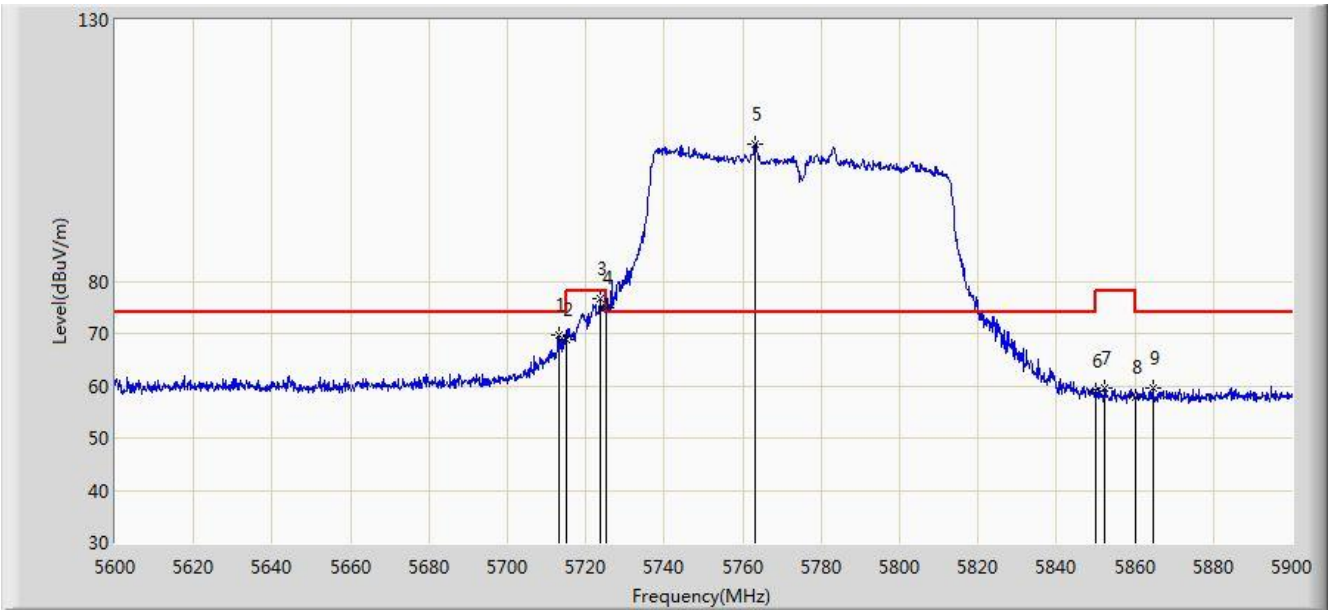


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	51.855	48.094	-2.145	54.000	3.761	AV
2		*	5743.850	81.729	77.881	N/A	N/A	3.848	AV
3			5860.000	46.056	41.993	-7.944	54.000	4.064	AV

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: 2016/01/04 - 17:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Ant 1	

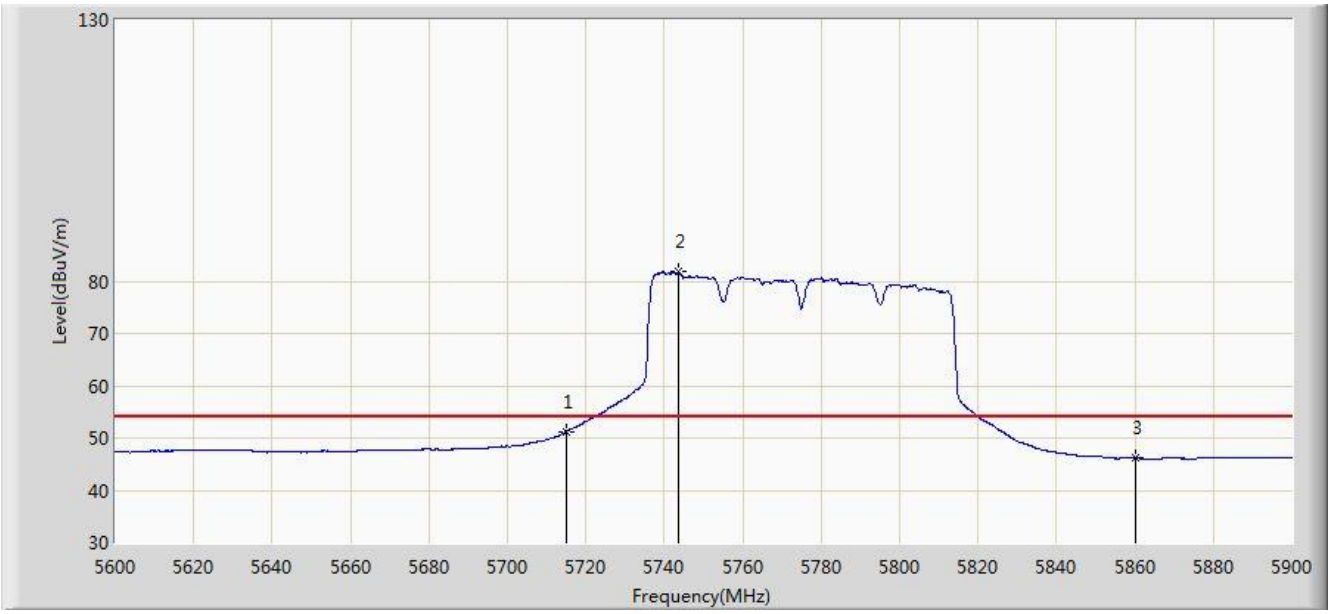


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5713.100	69.631	65.876	-4.369	74.000	3.756	PK
2			5715.000	68.832	65.071	-5.168	74.000	3.761	PK
3			5723.750	76.691	72.904	-1.509	78.200	3.786	PK
4			5725.000	74.956	71.165	-3.244	78.200	3.791	PK
5		*	5763.050	106.195	102.286	N/A	N/A	3.909	PK
6			5850.000	58.849	54.792	-19.351	78.200	4.058	PK
7			5852.300	59.624	55.565	-18.576	78.200	4.059	PK
8			5860.000	57.802	53.739	-16.198	74.000	4.064	PK
9			5864.600	59.459	55.386	-14.541	74.000	4.072	PK

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

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

Site: AC1	Time: 2016/01/04 - 17:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Ant 1	

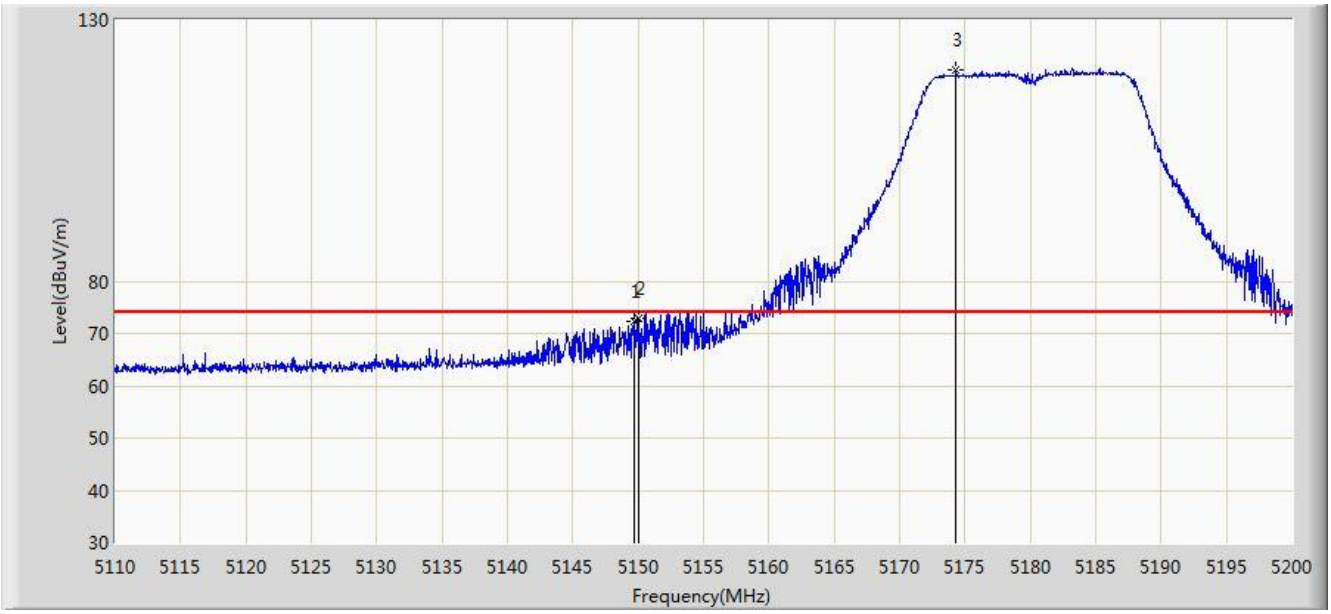


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	51.295	47.534	-2.705	54.000	3.761	AV
2		*	5743.700	81.797	77.949	N/A	N/A	3.848	AV
3			5860.000	46.139	42.076	-7.861	54.000	4.064	AV

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: 2016/01/04 - 18:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 2	

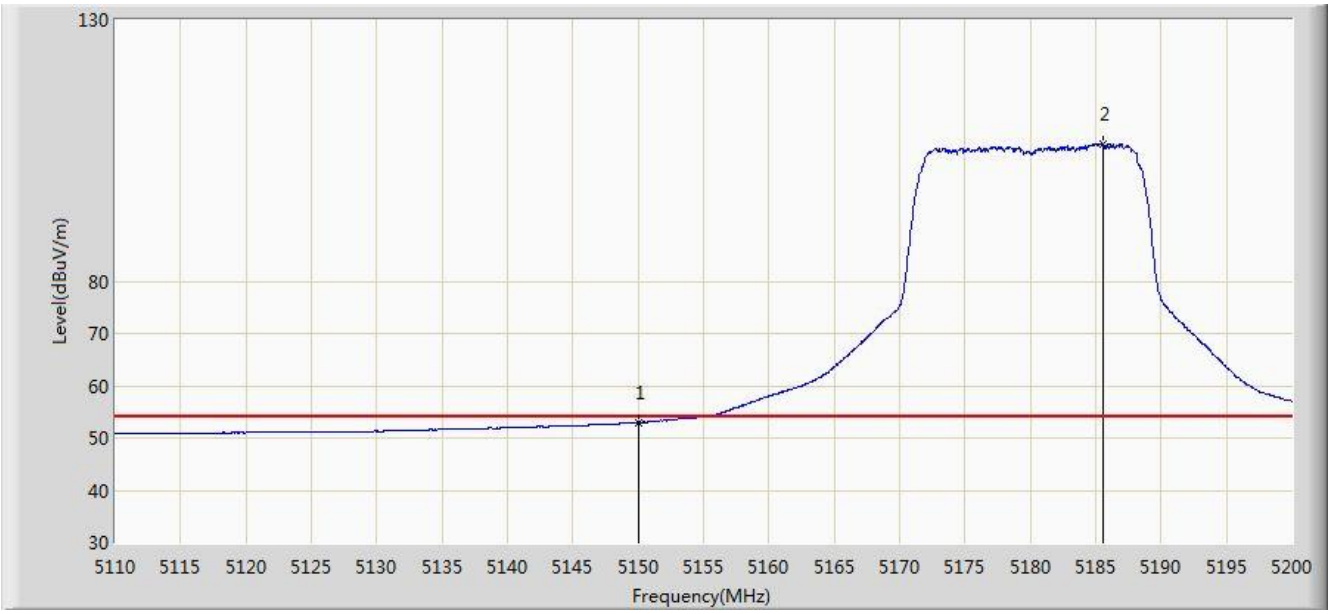


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.645	72.228	68.919	-1.772	74.000	3.308	PK
2			5150.000	72.848	69.539	-1.152	74.000	3.309	PK
3		*	5174.305	120.323	117.045	N/A	N/A	3.278	PK

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: 2016/01/04 - 18:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 2	

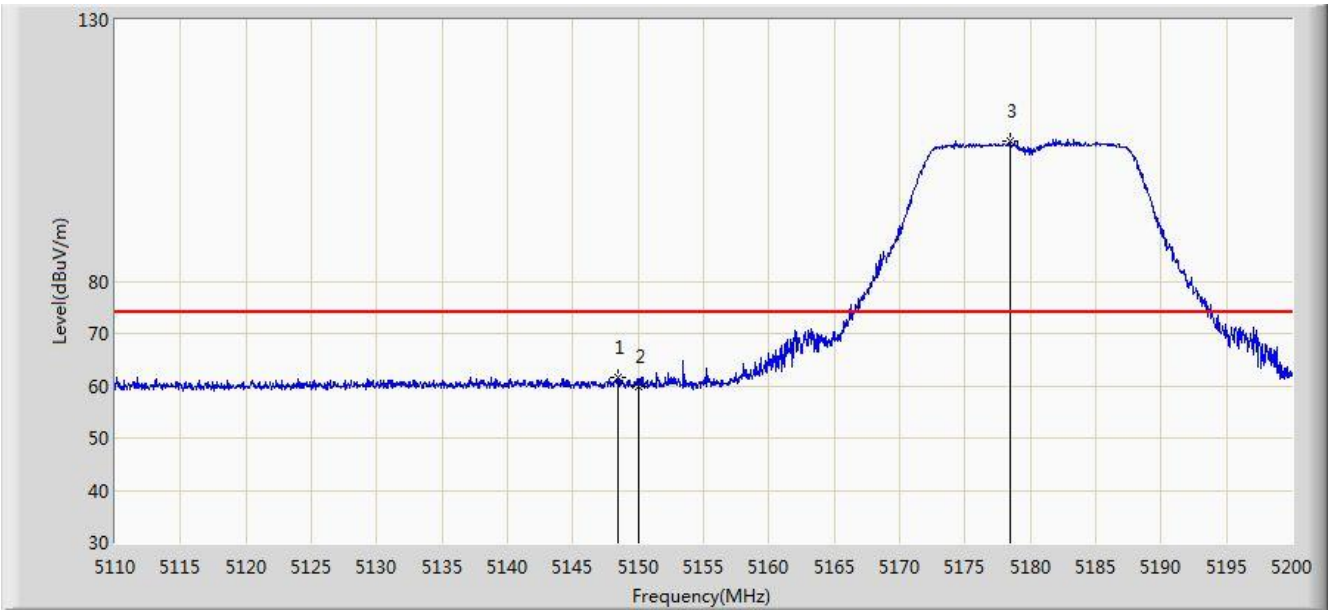


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.021	49.712	-0.979	54.000	3.309	AV
2		*	5185.555	106.248	102.982	N/A	N/A	3.266	AV

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: 2016/01/04 - 18:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 2	

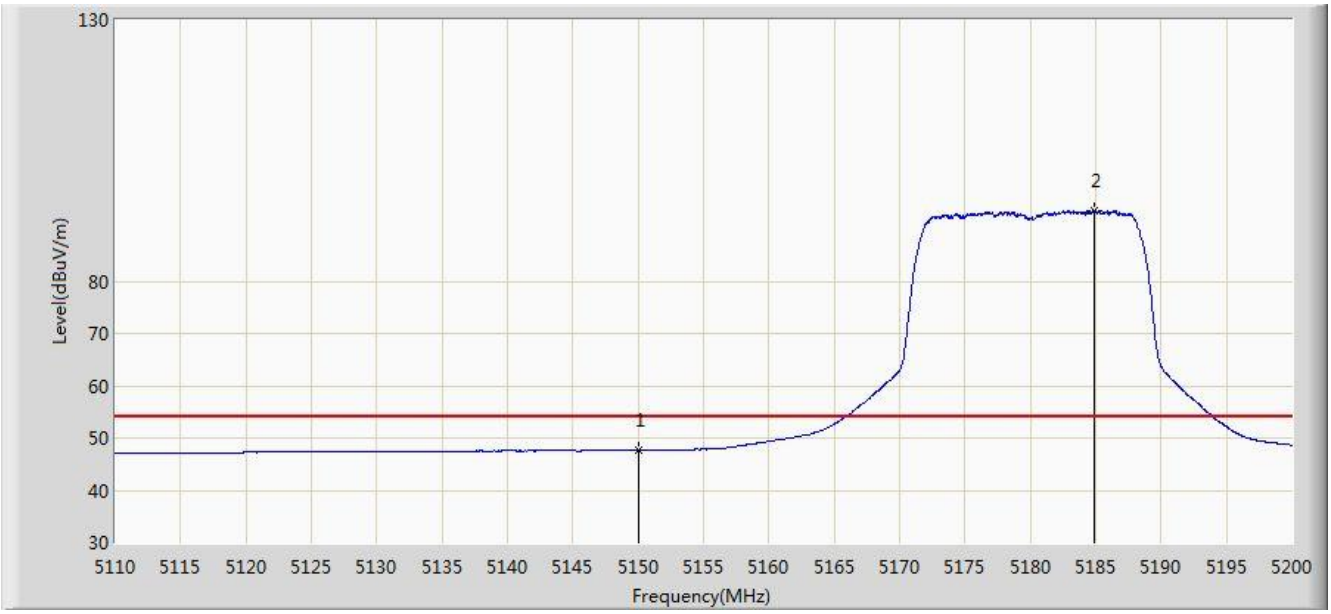


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.430	61.555	58.246	-12.445	74.000	3.309	PK
2			5150.000	59.803	56.494	-14.197	74.000	3.309	PK
3		*	5178.445	106.702	103.428	N/A	N/A	3.274	PK

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

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

Site: AC1	Time: 2016/01/04 - 18:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 2	

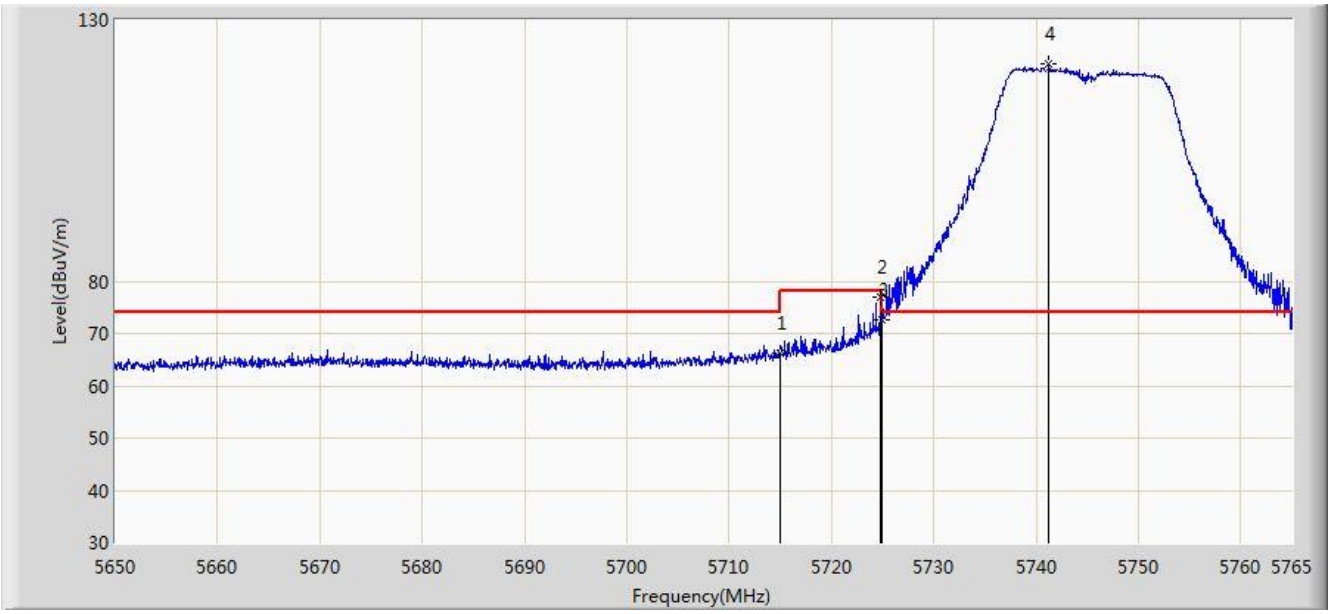


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	47.619	44.310	-6.381	54.000	3.309	AV
2		*	5184.880	93.578	90.311	N/A	N/A	3.268	AV

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

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

Site: AC1	Time: 2016/01/04 - 18:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5745MHz Ant 2	

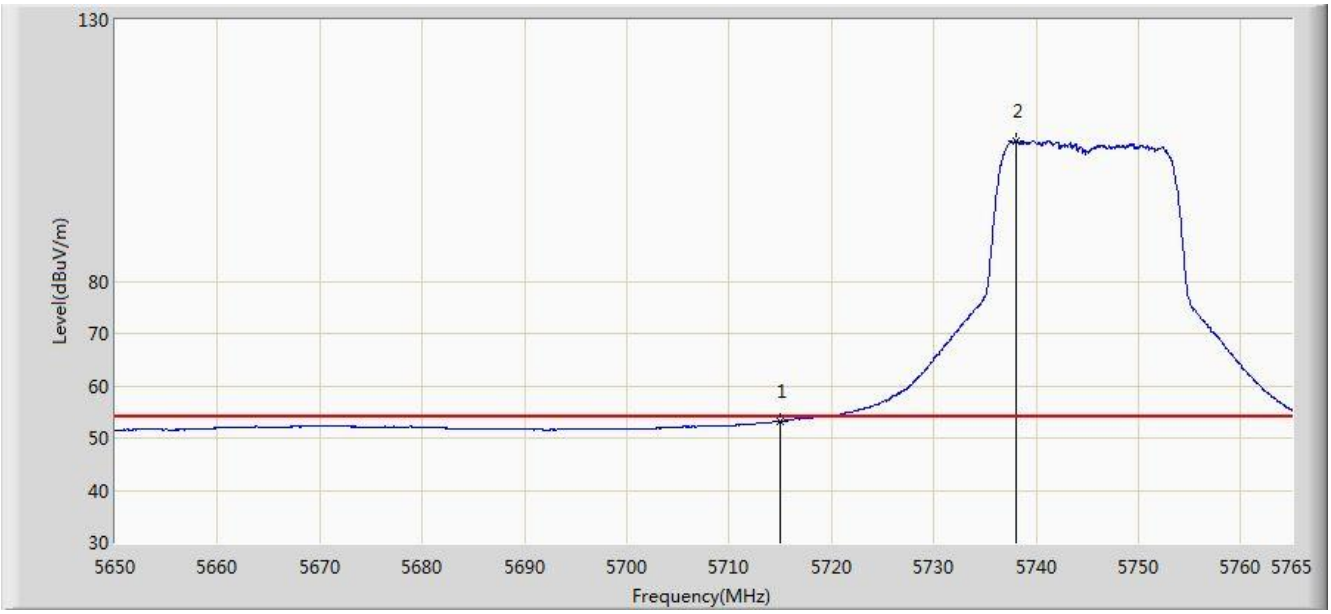


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	66.118	62.357	-7.882	74.000	3.761	PK
2			5724.808	76.921	73.131	-1.279	78.200	3.790	PK
3			5725.000	72.610	68.819	-5.590	78.200	3.791	PK
4		*	5741.252	121.648	117.808	N/A	N/A	3.840	PK

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

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

Site: AC1	Time: 2016/01/04 - 18:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5745MHz Ant 2	

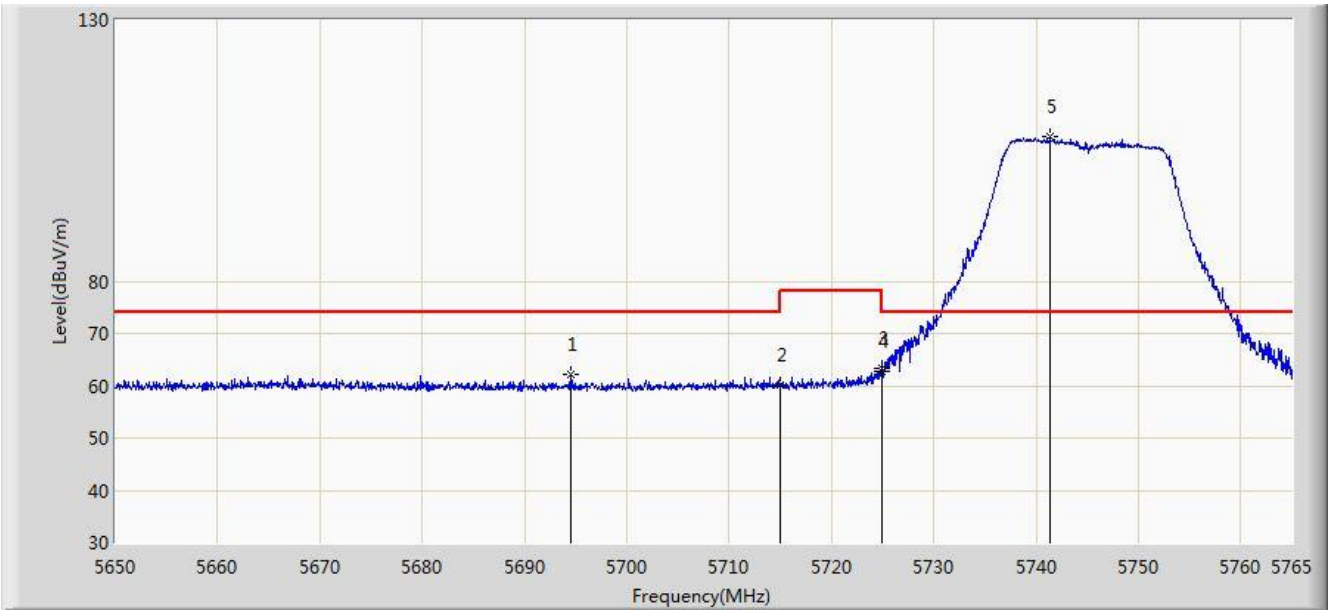


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	53.306	49.545	-0.694	54.000	3.761	AV
2		*	5738.090	106.865	103.033	N/A	N/A	3.832	AV

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: 2016/01/04 - 18:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5745MHz Ant 2	

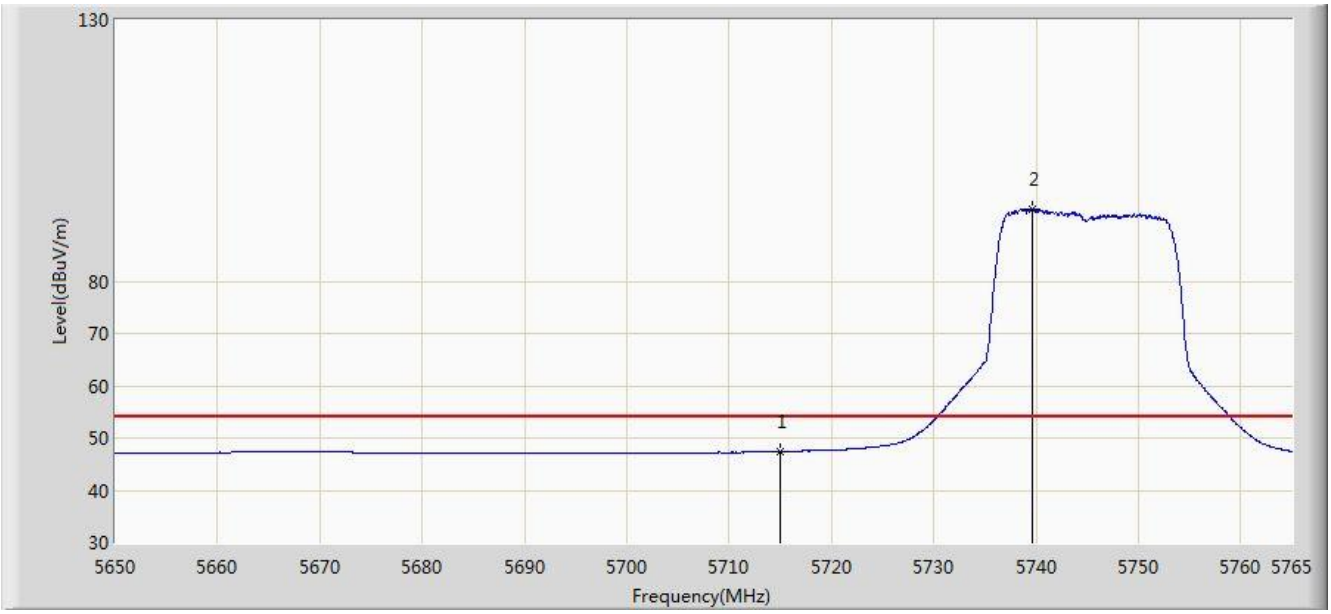


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5694.562	62.196	58.485	-11.804	74.000	3.711	PK
2			5715.000	60.049	56.288	-13.951	74.000	3.761	PK
3			5724.980	63.249	59.458	-14.951	78.200	3.791	PK
4			5725.000	62.685	58.894	-15.515	78.200	3.791	PK
5		*	5741.368	107.540	103.699	N/A	N/A	3.842	PK

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

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

Site: AC1	Time: 2016/01/04 - 18:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5745MHz Ant 2	

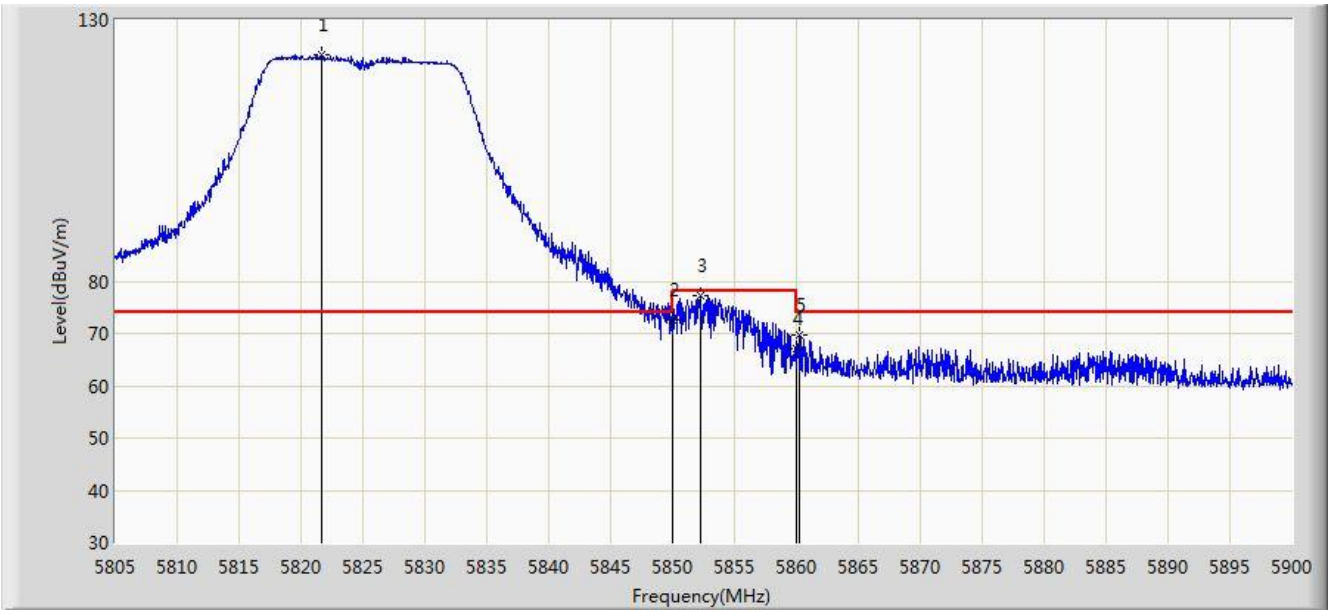


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	47.432	43.671	-6.568	54.000	3.761	AV
2		*	5739.700	93.873	90.037	N/A	N/A	3.836	AV

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: 2016/01/04 - 19:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5825MHz Ant 2	

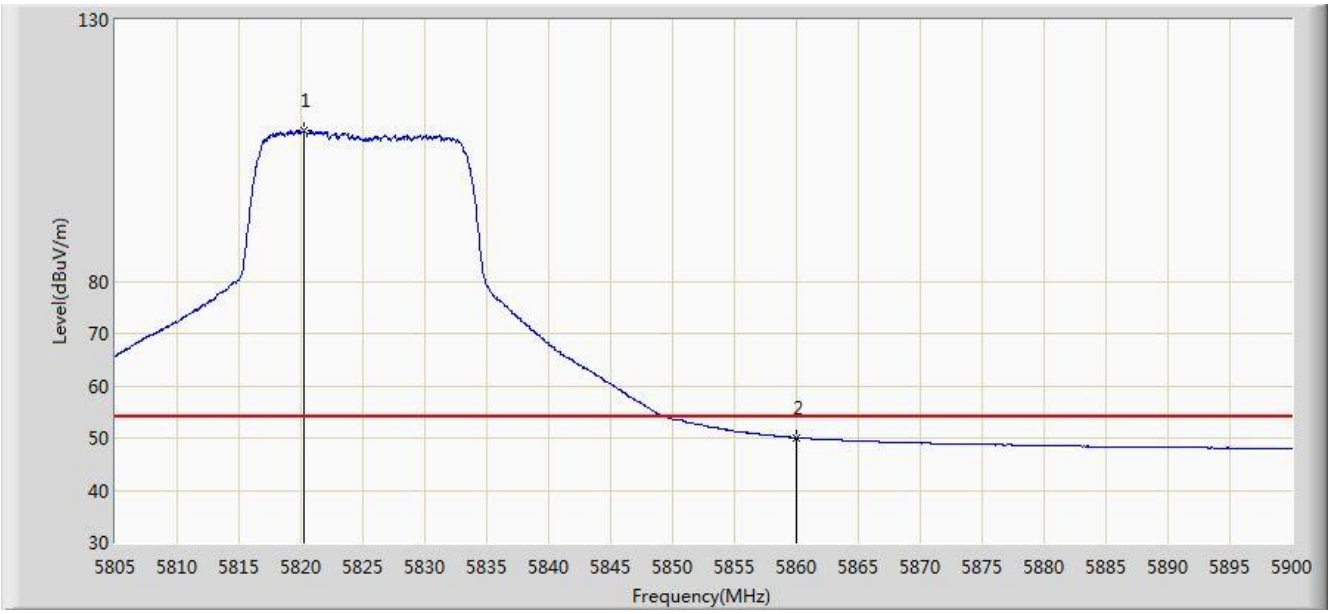


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5821.720	123.445	119.447	N/A	N/A	3.998	PK
2			5850.000	72.581	68.524	-5.619	78.200	4.058	PK
3			5852.263	77.232	73.174	-0.968	78.200	4.059	PK
4			5860.000	67.146	63.083	-6.854	74.000	4.064	PK
5			5860.290	69.719	65.655	-4.281	74.000	4.064	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: 2016/01/04 - 19:04
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5825MHz Ant 2	

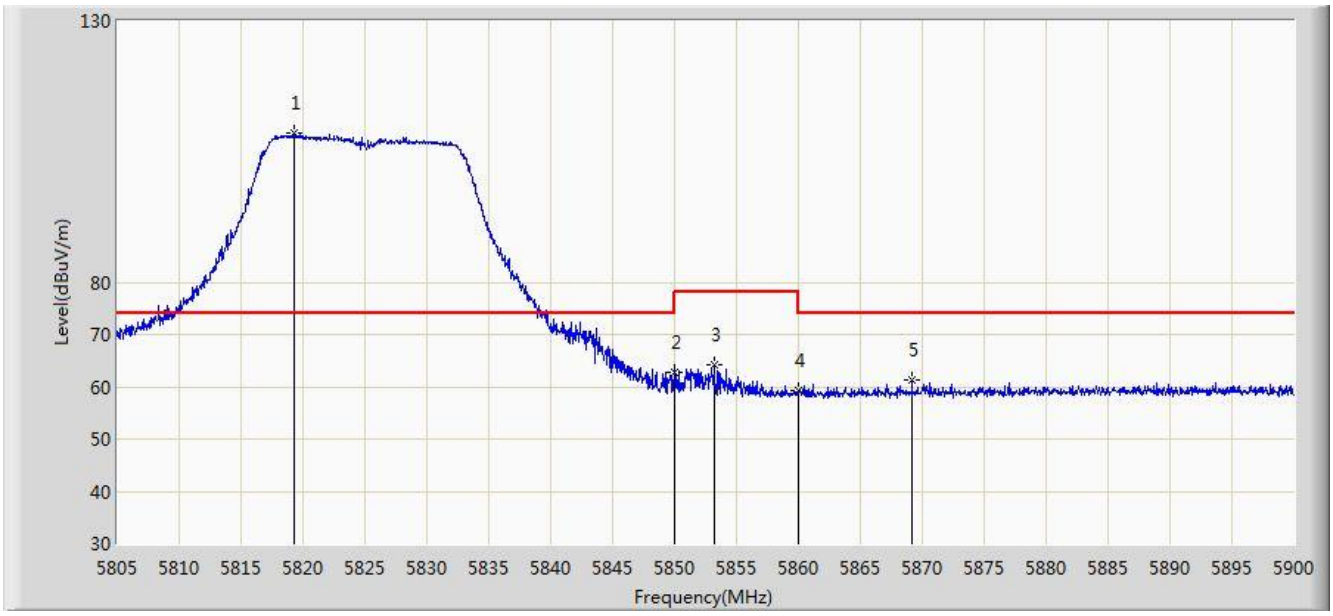


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5820.200	108.745	104.751	N/A	N/A	3.995	AV
2			5860.000	50.031	45.968	-3.969	54.000	4.064	AV

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: 2016/01/04 - 19:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5825MHz Ant 2	

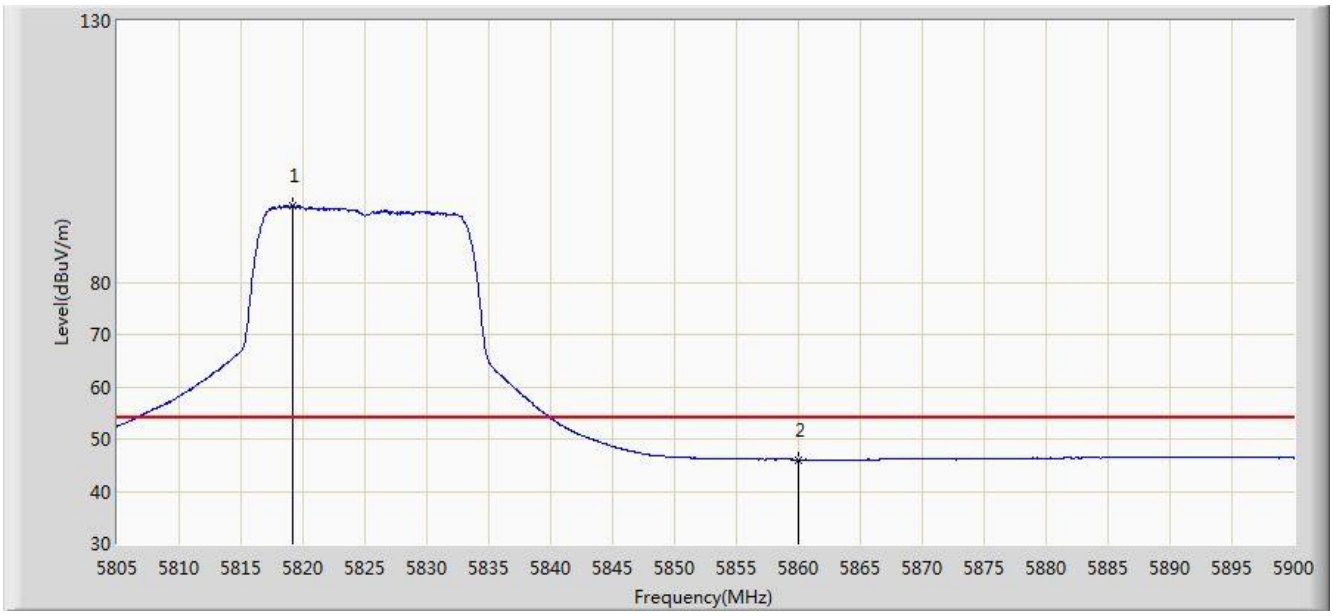


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5819.345	108.525	104.533	N/A	N/A	3.992	PK
2			5850.000	62.634	58.577	-15.566	78.200	4.058	PK
3			5853.165	64.189	60.130	-14.011	78.200	4.059	PK
4			5860.000	59.137	55.074	-14.863	74.000	4.064	PK
5			5869.172	61.248	57.161	-12.752	74.000	4.086	PK

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

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

Site: AC1	Time: 2016/01/04 - 19:07
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5825MHz Ant 2	

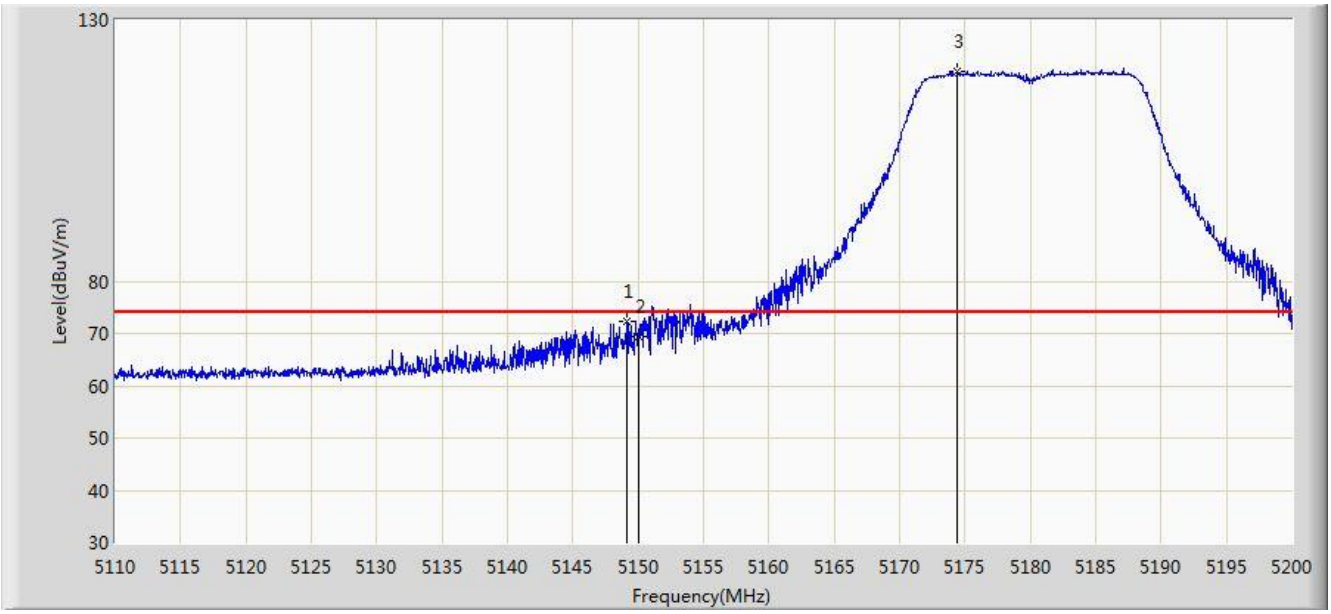


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5819.155	94.585	90.593	N/A	N/A	3.992	AV
2			5860.000	46.075	42.012	-7.925	54.000	4.064	AV

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: 2016/01/05 - 16:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 2	

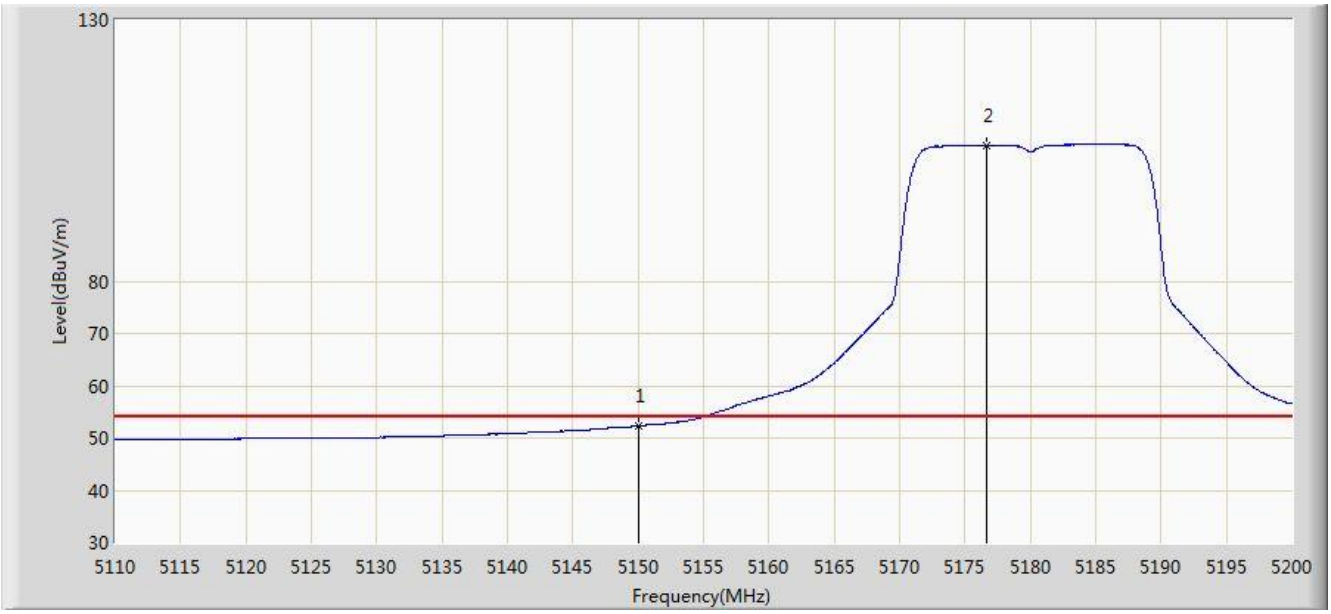


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.150	72.187	68.878	-1.813	74.000	3.309	PK
2			5150.000	69.386	66.077	-4.614	74.000	3.309	PK
3		*	5174.440	120.199	116.921	N/A	N/A	3.277	PK

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

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

Site: AC1	Time: 2016/01/05 - 16:47
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 2	

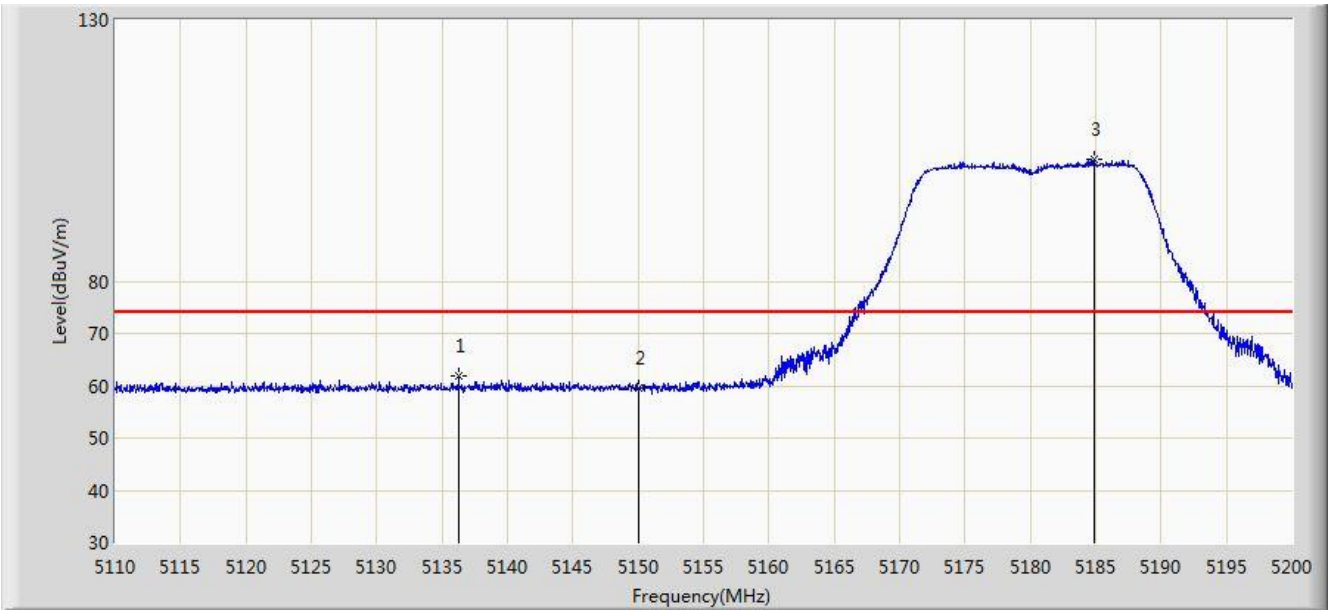


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	52.280	48.971	-1.720	54.000	3.309	AV
2		*	5176.645	105.938	102.662	N/A	N/A	3.276	AV

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

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

Site: AC1	Time: 2016/01/05 - 16:48
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 2	

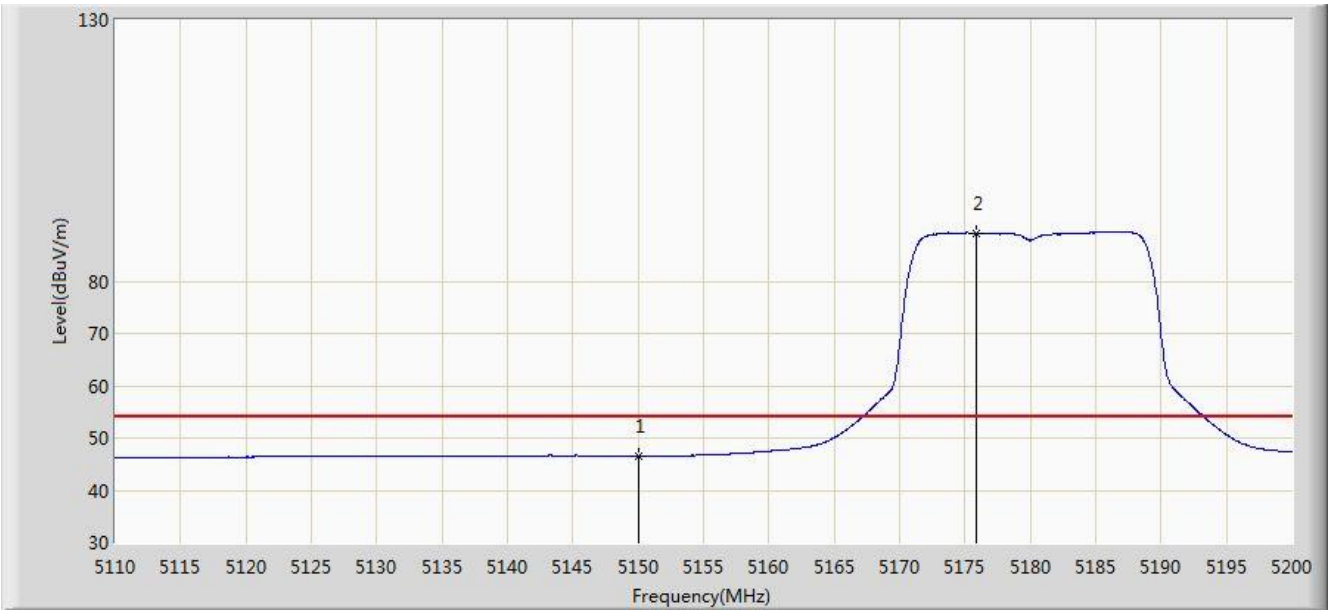


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5136.280	61.809	58.499	-12.191	74.000	3.310	PK
2			5150.000	59.672	56.363	-14.328	74.000	3.309	PK
3		*	5184.835	103.376	100.109	N/A	N/A	3.268	PK

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

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

Site: AC1	Time: 2016/01/05 - 17:00
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 2	

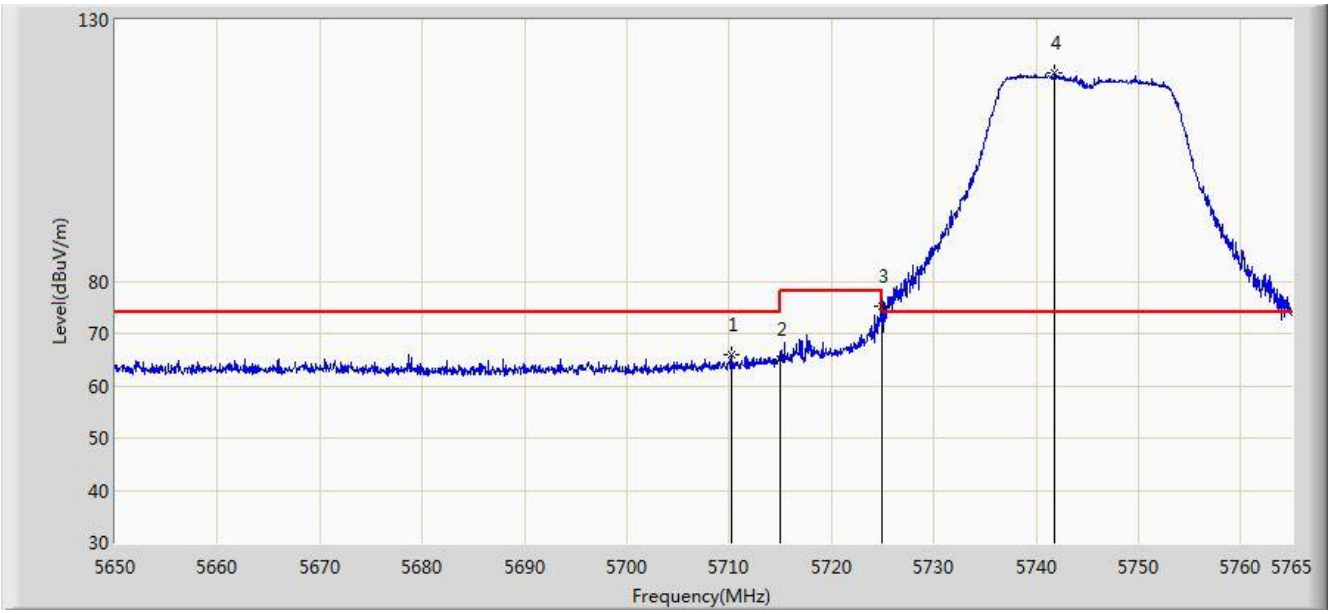


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	46.618	43.309	-7.382	54.000	3.309	AV
2		*	5175.880	89.240	85.964	N/A	N/A	3.276	AV

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

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

Site: AC1	Time: 2016/01/05 - 17:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 2	

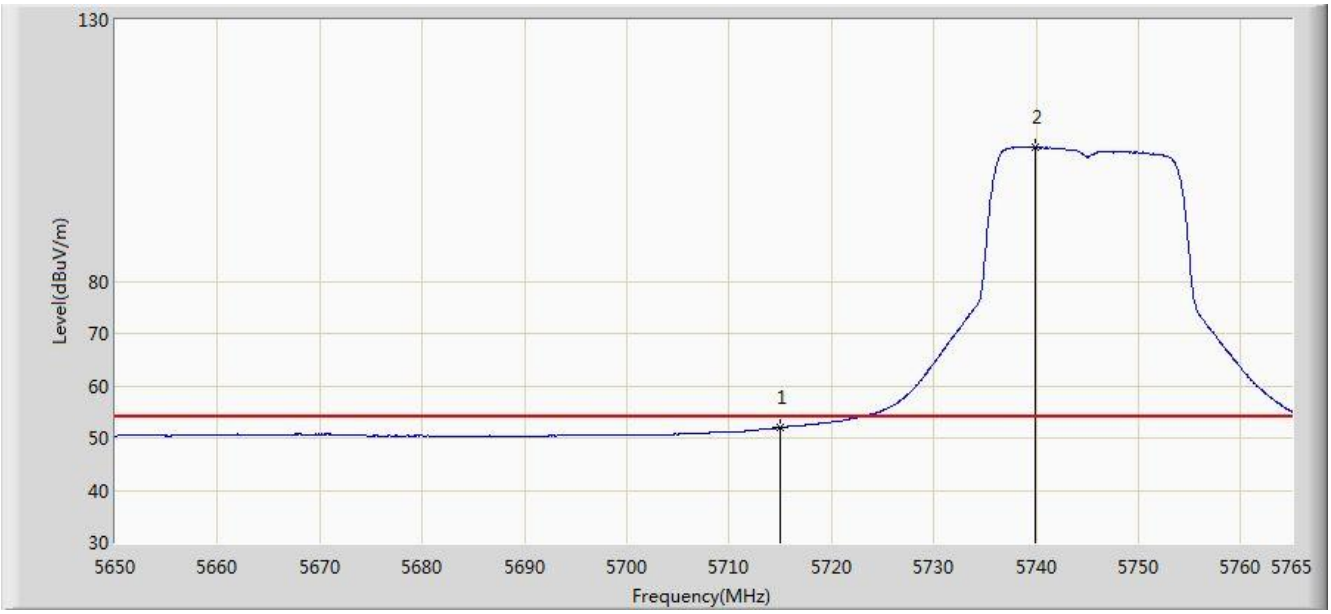


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5710.260	65.990	62.243	-8.010	74.000	3.747	PK
2			5715.000	64.996	61.235	-9.004	74.000	3.761	PK
3			5725.000	75.197	71.406	-3.003	78.200	3.791	PK
4		*	5741.828	119.828	115.986	N/A	N/A	3.842	PK

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

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

Site: AC1	Time: 2016/01/05 - 17:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 2	

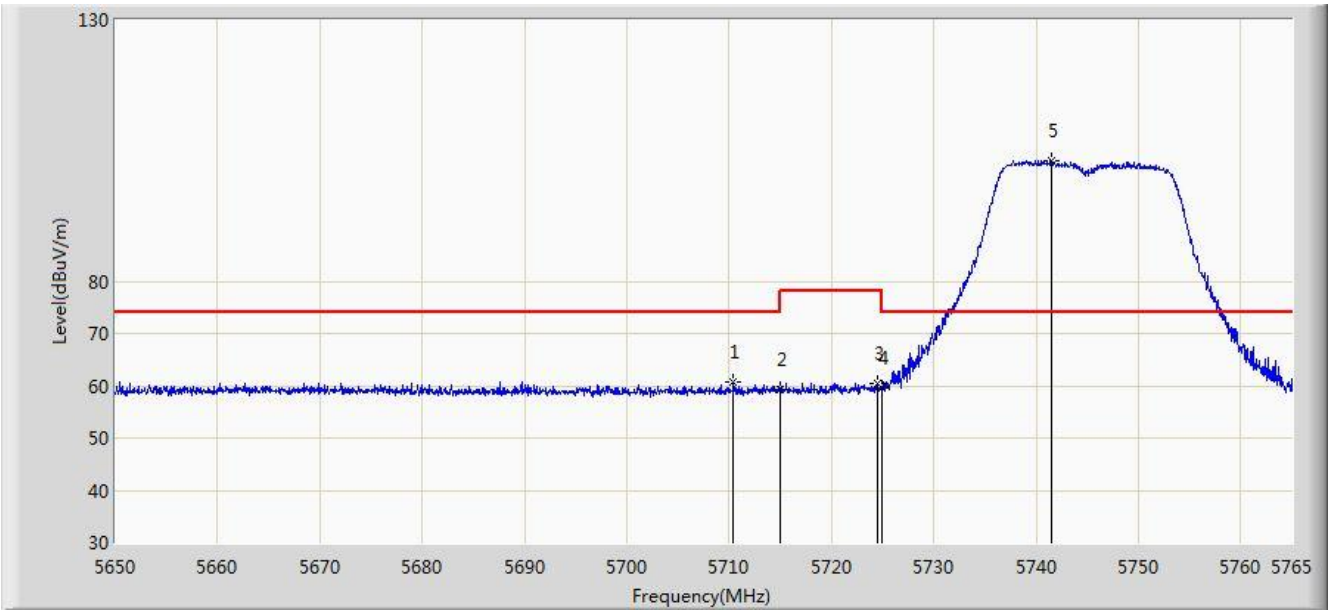


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	52.021	48.260	-1.979	54.000	3.761	AV
2		*	5739.873	105.699	101.862	N/A	N/A	3.836	AV

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: 2016/01/05 - 17:11
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 2	

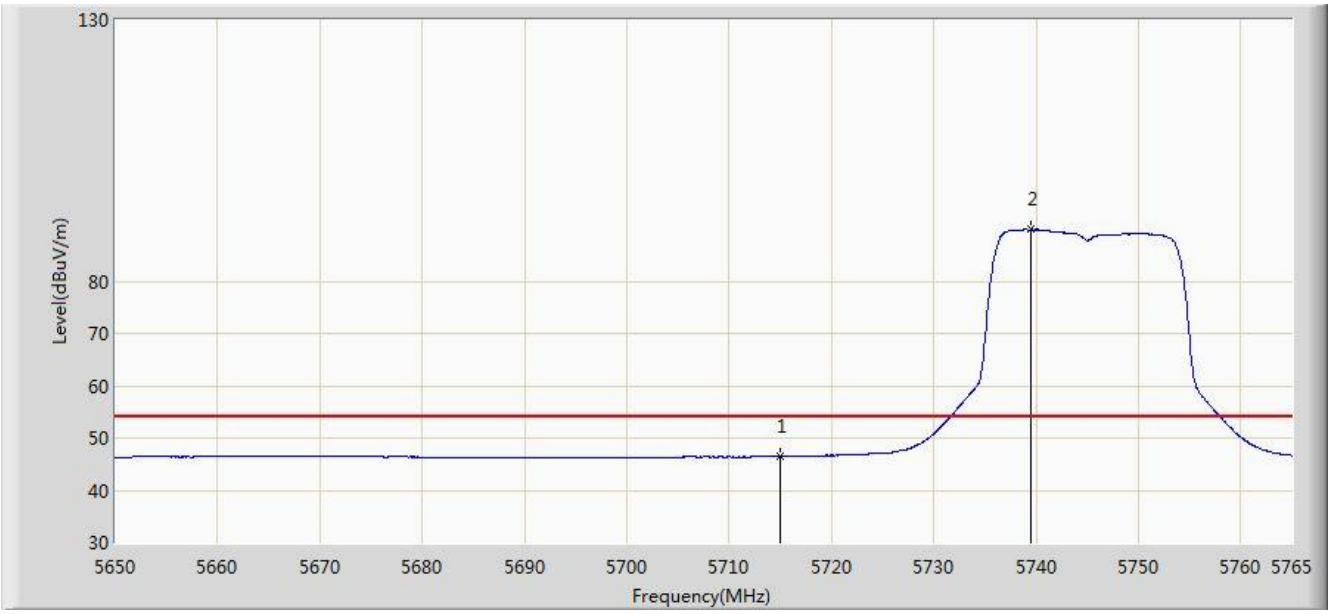


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5710.433	60.824	57.077	-13.176	74.000	3.747	PK
2			5715.000	59.159	55.398	-14.841	74.000	3.761	PK
3			5724.462	60.557	56.768	-17.643	78.200	3.790	PK
4			5725.000	59.607	55.816	-18.593	78.200	3.791	PK
5		*	5741.482	103.163	99.322	N/A	N/A	3.842	PK

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

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

Site: AC1	Time: 2016/01/05 - 17:13
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 2	

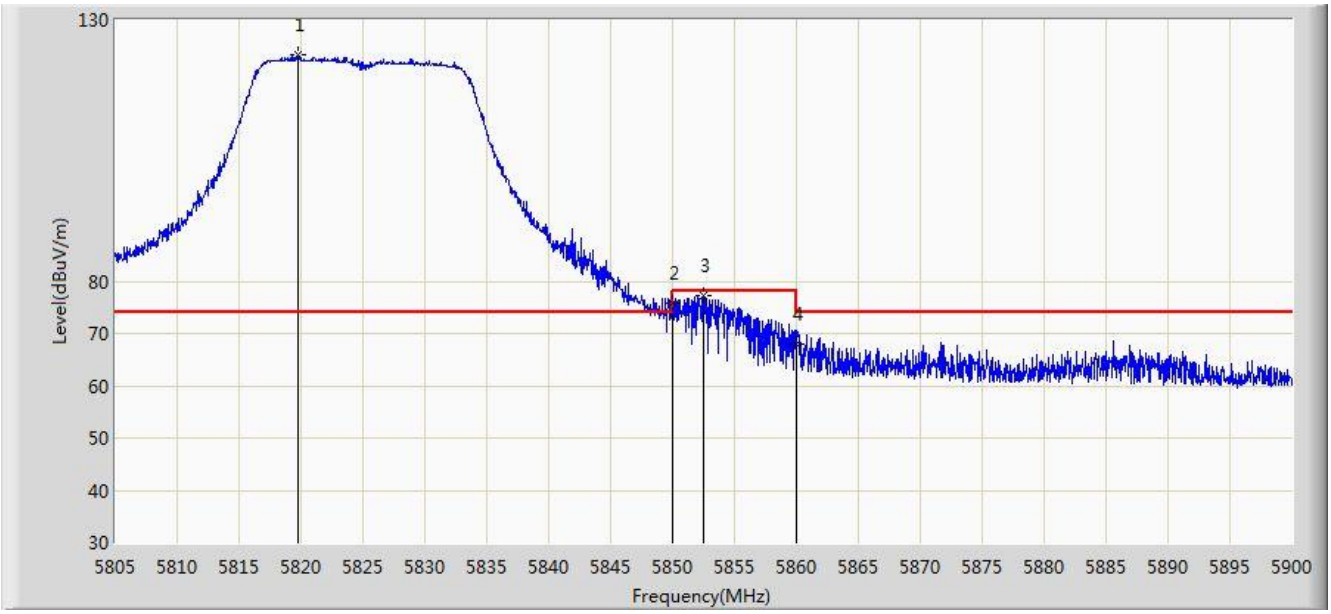


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	46.586	42.825	-7.414	54.000	3.761	AV
2		*	5739.527	89.871	86.035	N/A	N/A	3.835	AV

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: 2016/01/05 - 17:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz Ant 2	

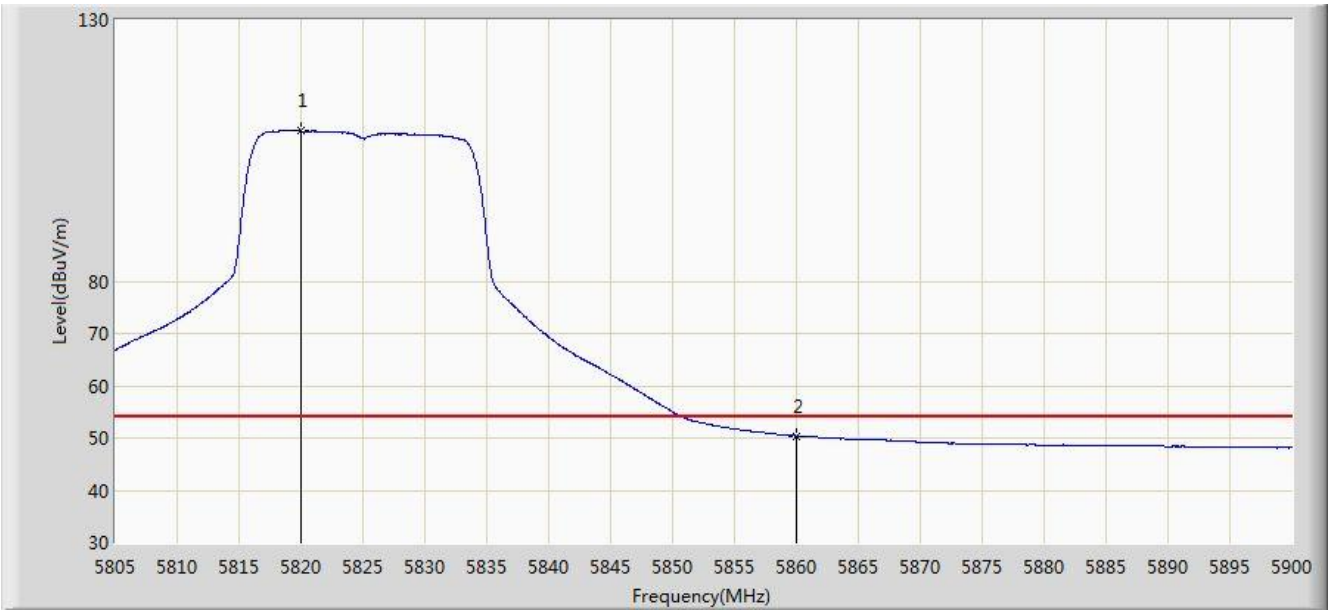


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5819.772	123.295	119.302	N/A	N/A	3.993	PK
2			5850.000	75.768	71.711	-2.432	78.200	4.058	PK
3			5852.453	77.106	73.047	-1.094	78.200	4.058	PK
4			5860.000	68.023	63.960	-5.977	74.000	4.064	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: 2016/01/05 - 17:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz Ant 2	

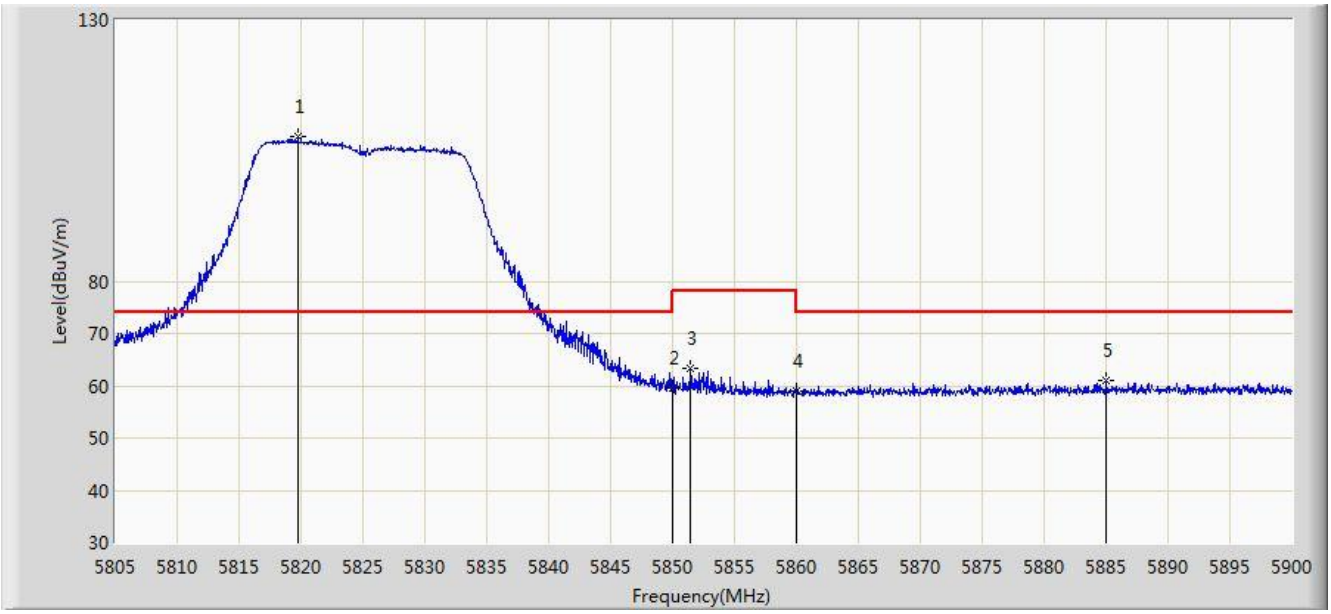


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5820.010	108.810	104.816	N/A	N/A	3.994	AV
2			5860.000	50.412	46.349	-3.588	54.000	4.064	AV

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: 2016/01/05 - 17:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz Ant 2	

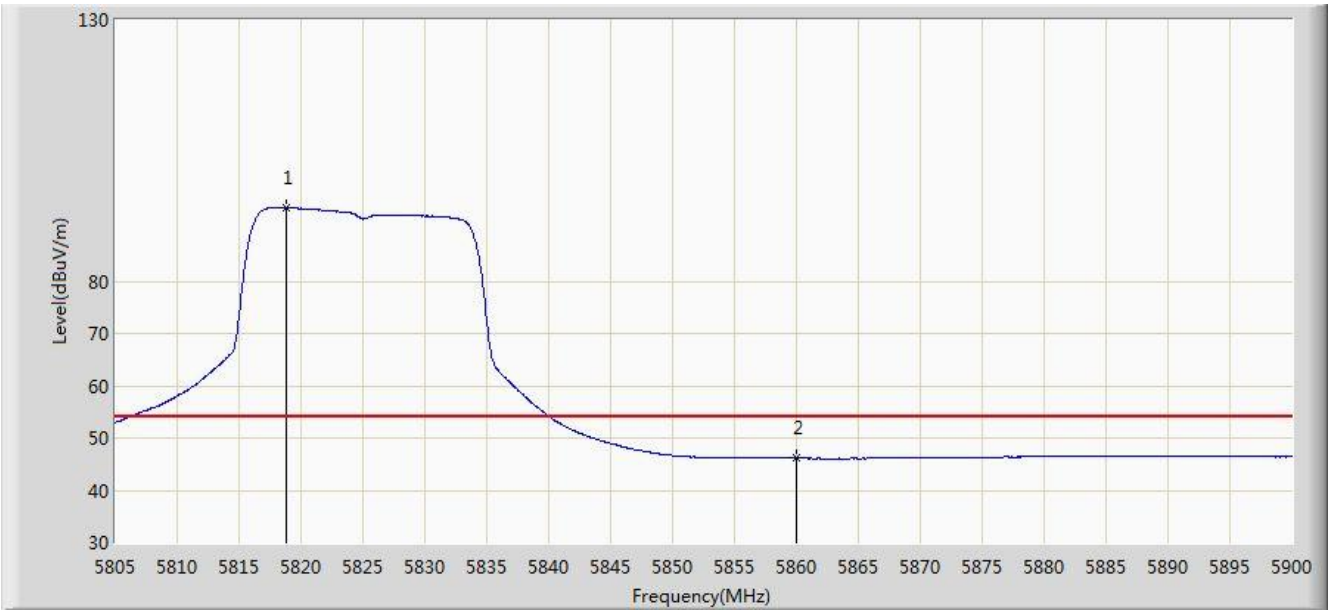


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5819.772	107.777	103.784	N/A	N/A	3.993	PK
2			5850.000	59.694	55.637	-18.506	78.200	4.058	PK
3			5851.455	63.368	59.310	-14.832	78.200	4.058	PK
4			5860.000	58.926	54.863	-15.074	74.000	4.064	PK
5			5885.038	60.890	56.755	-13.110	74.000	4.135	PK

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

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

Site: AC1	Time: 2016/01/05 - 17:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz Ant 2	

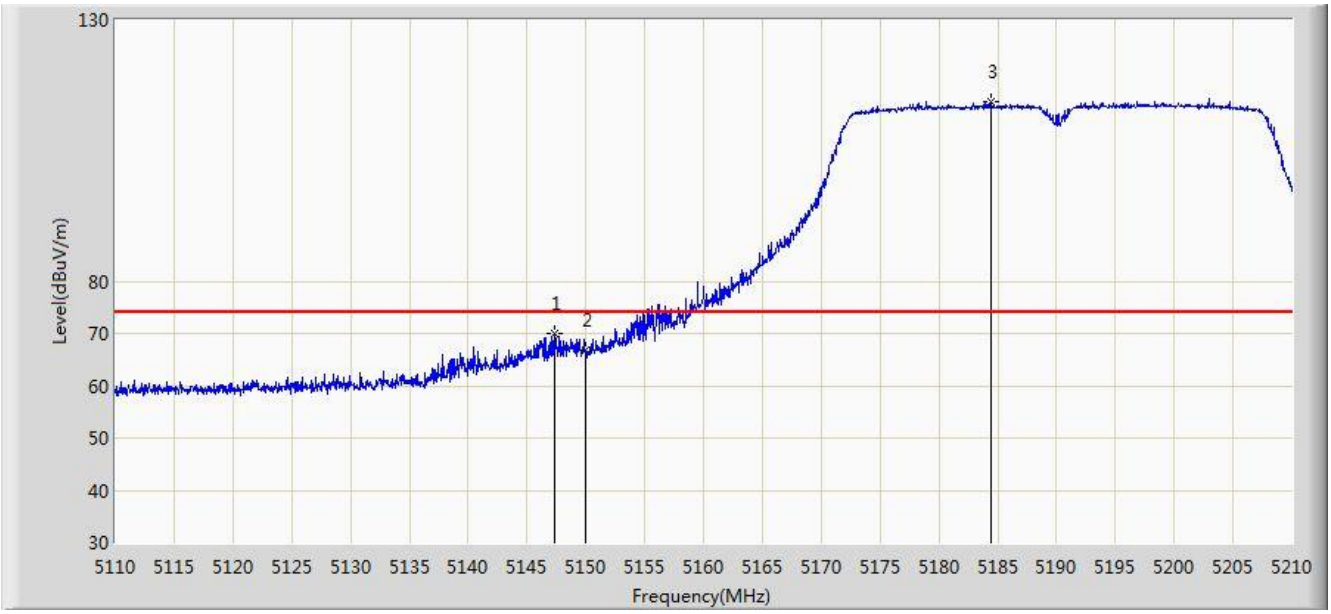


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5818.822	94.149	90.158	N/A	N/A	3.991	AV
2			5860.000	46.121	42.058	-7.879	54.000	4.064	AV

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: 2016/01/05 - 17:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 2	

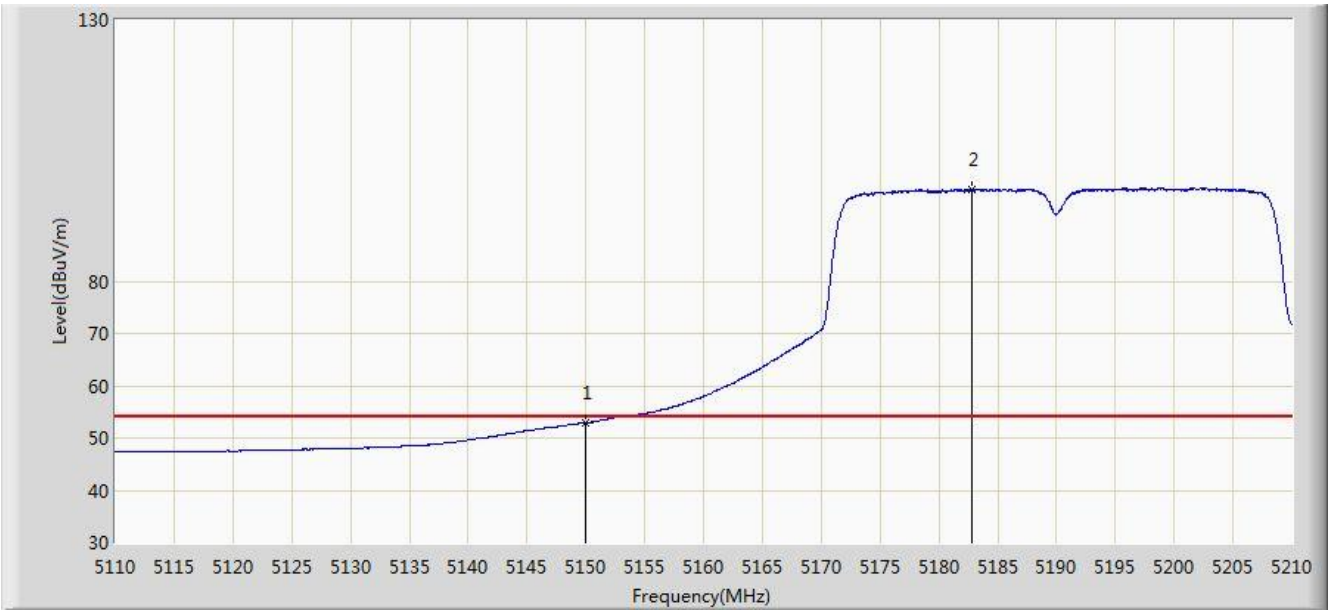


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.300	69.871	66.562	-4.129	74.000	3.309	PK
2			5150.000	66.798	63.489	-7.202	74.000	3.309	PK
3		*	5184.400	114.437	111.169	N/A	N/A	3.268	PK

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

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

Site: AC1	Time: 2016/01/05 - 17:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 2	

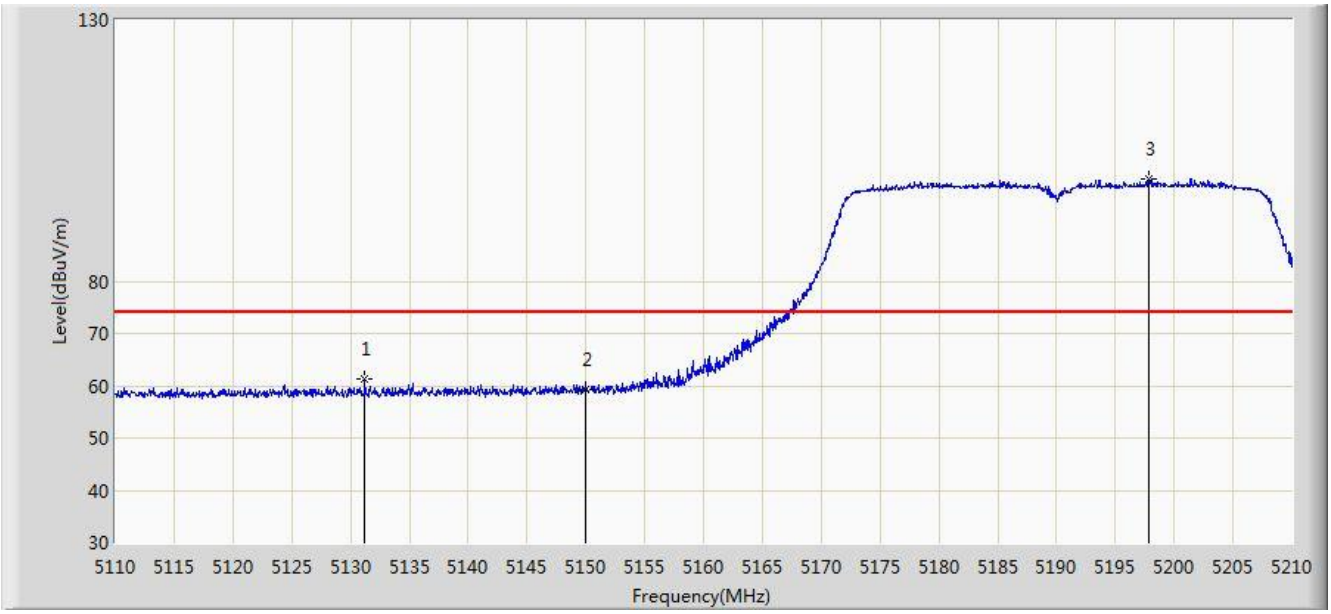


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	52.892	49.583	-1.108	54.000	3.309	AV
2		*	5182.800	97.560	94.290	N/A	N/A	3.270	AV

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

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

Site: AC1	Time: 2016/01/05 - 17:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 2	

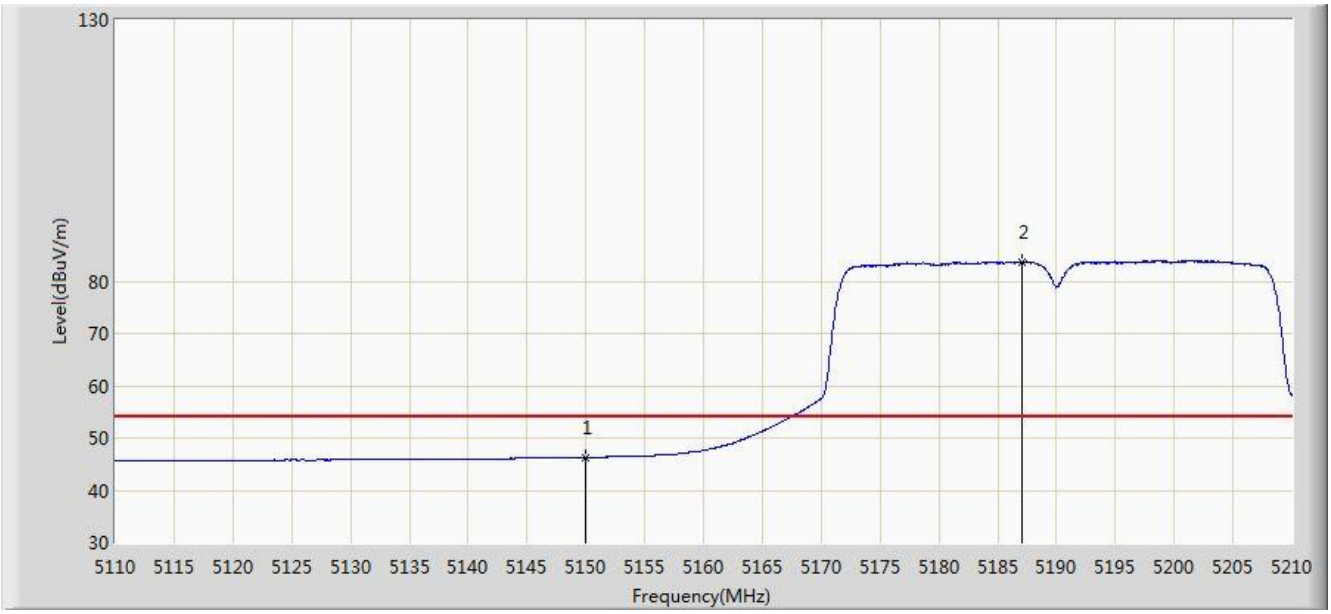


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5131.200	61.173	57.866	-12.827	74.000	3.307	PK
2			5150.000	59.181	55.872	-14.819	74.000	3.309	PK
3		*	5197.800	99.491	96.239	N/A	N/A	3.253	PK

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: 2016/01/05 - 17:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 2	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	46.290	42.981	-7.710	54.000	3.309	AV
2		*	5187.100	83.710	80.446	N/A	N/A	3.265	AV

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

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