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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7101.0	36.8	6.9	43.7	68.2	-24.5	Peak	Horizontal
*	7900.0	36.7	7.8	44.5	68.2	-23.7	Peak	Horizontal
	9438.5	35.8	9.8	45.6	74.0	-28.4	Peak	Horizontal
	10594.5	36.1	11.5	47.6	74.0	-26.4	Peak	Horizontal
*	6956.5	36.1	6.1	42.2	68.2	-26.0	Peak	Vertical
*	7823.5	36.9	7.6	44.5	68.2	-23.7	Peak	Vertical
	9370.5	35.4	9.8	45.2	74.0	-28.8	Peak	Vertical
	10866.5	35.9	12.2	48.1	74.0	-25.9	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6982.0	37.4	6.2	43.6	68.2	-24.6	Peak	Horizontal
*	7849.0	38.3	7.5	45.8	68.2	-22.4	Peak	Horizontal
	9379.0	35.1	9.7	44.8	74.0	-29.2	Peak	Horizontal
	10943.0	35.9	12.2	48.1	74.0	-25.9	Peak	Horizontal
*	7050.0	36.8	6.7	43.5	68.2	-24.7	Peak	Vertical
*	7925.5	36.2	7.9	44.1	68.2	-24.1	Peak	Vertical
	9090.0	36.3	9.0	45.3	74.0	-28.7	Peak	Vertical
	10926.0	35.1	12.2	47.3	74.0	-26.7	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT20	Test Site:	AC1
Test Channel:	165	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6990.5	36.2	6.2	42.4	68.2	-25.8	Peak	Horizontal
*	7917.0	36.6	7.8	44.4	68.2	-23.8	Peak	Horizontal
	9090.0	36.5	9.0	45.5	74.0	-28.5	Peak	Horizontal
	10968.5	35.4	12.2	47.6	74.0	-26.4	Peak	Horizontal
*	7075.5	37.3	6.9	44.2	68.2	-24.0	Peak	Vertical
*	7738.5	37.3	7.5	44.8	68.2	-23.4	Peak	Vertical
	8299.5	35.4	7.2	42.6	74.0	-31.4	Peak	Vertical
	10934.5	35.6	12.2	47.8	74.0	-26.2	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.

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6990.5	36.0	6.2	42.2	68.2	-26.0	Peak	Horizontal
*	7840.5	37.0	7.5	44.5	68.2	-23.7	Peak	Horizontal
	9064.5	36.1	8.7	44.8	74.0	-29.2	Peak	Horizontal
	10611.5	36.3	11.5	47.8	74.0	-26.2	Peak	Horizontal
*	7084.0	36.2	6.9	43.1	68.2	-25.1	Peak	Vertical
*	7840.5	37.5	7.5	45.0	68.2	-23.2	Peak	Vertical
	9260.0	36.2	9.6	45.8	74.0	-28.2	Peak	Vertical
	10883.5	35.9	12.2	48.1	74.0	-25.9	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6999.0	36.6	6.3	42.9	68.2	-25.4	Peak	Horizontal
*	7798.0	36.6	7.6	44.2	68.2	-24.1	Peak	Horizontal
	8333.5	37.0	7.3	44.3	74.0	-29.8	Peak	Horizontal
	10977.0	35.3	12.2	47.5	74.0	-26.6	Peak	Horizontal
*	7118.0	35.4	6.9	42.3	68.2	-26.0	Peak	Vertical
*	7823.5	37.4	7.6	45.0	68.2	-23.3	Peak	Vertical
	9438.5	35.9	9.8	45.7	74.0	-28.4	Peak	Vertical
	10909.0	35.2	12.3	47.5	74.0	-26.6	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT40	Test Site:	AC1
Test Channel:	54	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7721.5	36.4	7.4	43.8	68.2	-24.5	Peak	Horizontal
*	8690.5	36.4	8.2	44.6	68.2	-23.7	Peak	Horizontal
	9107.0	36.3	9.0	45.3	74.0	-28.8	Peak	Horizontal
	10917.5	35.3	12.3	47.6	74.0	-26.5	Peak	Horizontal
*	7118.0	36.7	6.9	43.6	68.2	-24.7	Peak	Vertical
*	7798.0	36.8	7.6	44.4	68.2	-23.9	Peak	Vertical
	9387.5	36.0	9.7	45.7	74.0	-28.4	Peak	Vertical
	10934.5	35.6	12.2	47.8	74.0	-26.3	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT40	Test Site:	AC1
Test Channel:	62	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7194.5	36.5	7.1	43.6	68.2	-24.6	Peak	Horizontal
*	7781.0	36.7	7.6	44.3	68.2	-23.9	Peak	Horizontal
	8316.5	37.5	7.2	44.7	74.0	-29.3	Peak	Horizontal
	10832.5	36.8	12.1	48.9	74.0	-25.1	Peak	Horizontal
*	7109.5	37.4	6.9	44.3	68.2	-23.9	Peak	Vertical
*	7815.0	37.5	7.6	45.1	68.2	-23.1	Peak	Vertical
	9081.5	36.2	8.9	45.1	74.0	-28.9	Peak	Vertical
	11351.0	36.2	11.8	48.0	74.0	-26.0	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT40	Test Site:	AC1
Test Channel:	102	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7917.0	36.5	7.8	44.3	68.2	-23.9	Peak	Horizontal
*	7917.0	36.5	7.8	44.3	68.2	-23.9	Peak	Horizontal
	8486.5	37	7.7	44.7	74.0	-29.3	Peak	Horizontal
	9311.0	35.5	9.7	45.2	74.0	-28.8	Peak	Horizontal
*	10824.0	35.8	12.1	47.9	68.2	-20.3	Peak	Vertical
*	6973.5	37.8	6.1	43.9	68.2	-24.3	Peak	Vertical
	7832.0	36.8	7.5	44.3	74.0	-29.7	Peak	Vertical
	9430.0	35.9	9.8	45.7	74.0	-28.3	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT40	Test Site:	AC1
Test Channel:	118	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7194.5	36.7	7.1	43.8	68.2	-24.4	Peak	Horizontal
*	7934.0	36.2	7.9	44.1	68.2	-24.1	Peak	Horizontal
	9438.5	37.3	9.8	47.1	74.0	-26.9	Peak	Horizontal
	10815.5	35.6	12.0	47.6	74.0	-26.4	Peak	Horizontal
*	7152.0	37.2	7.0	44.2	68.2	-24.0	Peak	Vertical
*	7806.5	37.5	7.6	45.1	68.2	-23.1	Peak	Vertical
	9115.5	36.2	9.1	45.3	74.0	-28.7	Peak	Vertical
	10747.5	36.6	11.8	48.4	74.0	-25.6	Peak	Vertical

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

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

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

Test Mode:	802.11n-HT40	Test Site:	AC1
Test Channel:	134	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7016.0	36.8	6.4	43.2	68.2	-25.0	Peak	Horizontal
*	7781.0	37.2	7.6	44.8	68.2	-23.4	Peak	Horizontal
	8282.5	37.0	7.2	44.2	74.0	-29.8	Peak	Horizontal
	10892.0	35.9	12.3	48.2	74.0	-25.8	Peak	Horizontal
*	7075.5	36.2	6.9	43.1	68.2	-25.1	Peak	Vertical
*	7764.0	37.6	7.6	45.2	68.2	-23.0	Peak	Vertical
	9251.5	35.6	9.6	45.2	74.0	-28.8	Peak	Vertical
	11189.5	36.2	11.6	47.8	74.0	-26.2	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7024.5	36.9	6.5	43.4	68.2	-24.8	Peak	Horizontal
*	7781.0	36.9	7.6	44.5	68.2	-23.7	Peak	Horizontal
	9396.0	35.7	9.7	45.4	74.0	-28.6	Peak	Horizontal
	11028.0	36.1	12.1	48.2	74.0	-25.8	Peak	Horizontal
*	7873.4	35.3	7.7	43.0	68.2	-25.2	Peak	Vertical
*	8600.5	35.2	8.0	43.2	68.2	-25.0	Peak	Vertical
	9400.6	35.0	9.7	44.7	74.0	-29.3	Peak	Vertical
	11492.5	35.4	11.9	47.3	74.0	-26.7	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7605.8	35.9	7.2	43.1	68.2	-25.1	Peak	Horizontal
*	8595.4	35.7	8.0	43.7	68.2	-24.5	Peak	Horizontal
	9102.8	35.1	9.0	44.1	74.0	-29.9	Peak	Horizontal
	11212.4	35.8	11.6	47.4	74.0	-26.6	Peak	Horizontal
*	7050.5	35.5	6.7	42.2	68.2	-26.0	Peak	Vertical
*	7797.5	35.7	7.6	43.3	68.2	-24.9	Peak	Vertical
	9077.0	34.7	8.9	43.6	74.0	-30.4	Peak	Vertical
	10949.5	35.3	12.2	47.5	74.0	-26.5	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7070.6	35.2	6.8	42.0	68.2	-26.2	Peak	Horizontal
*	8248.5	35.3	7.2	42.5	68.2	-25.7	Peak	Horizontal
	9379.5	34.8	9.7	44.5	74.0	-29.5	Peak	Horizontal
	11377.5	35.0	11.8	46.8	74.0	-27.2	Peak	Horizontal
*	7097.0	35.5	6.9	42.4	68.2	-25.8	Peak	Vertical
*	7857.5	36.3	7.6	43.9	68.2	-24.3	Peak	Vertical
	9287.5	34.7	9.6	44.3	74.0	-29.7	Peak	Vertical
	10852.5	35.5	12.2	47.7	74.0	-26.3	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7097.5	35.3	6.9	42.2	68.2	-26.1	Peak	Horizontal
*	7797.5	35.8	7.6	43.4	68.2	-24.9	Peak	Horizontal
	8400.5	35.4	7.4	42.8	74.0	-31.3	Peak	Horizontal
	10600.5	34.5	11.5	46.0	74.0	-28.1	Peak	Horizontal
*	6977.0	35.9	6.1	42.0	68.2	-26.3	Peak	Vertical
*	7732.5	35.5	7.5	43.0	68.2	-25.3	Peak	Vertical
	9079.0	35.0	8.9	43.9	74.0	-30.2	Peak	Vertical
	10742.0	34.6	11.8	46.4	74.0	-27.7	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7097.5	35.5	6.9	42.4	68.2	-25.8	Peak	Horizontal
*	7877.5	36.2	7.7	43.9	68.2	-24.3	Peak	Horizontal
	8292.5	36.1	7.2	43.3	74.0	-30.7	Peak	Horizontal
	9400.0	35.7	9.7	45.4	74.0	-28.6	Peak	Horizontal
*	6977.5	35.7	6.1	41.8	68.2	-26.4	Peak	Vertical
*	7711.5	35.1	7.4	42.5	68.2	-25.7	Peak	Vertical
	9050.5	34.9	8.5	43.4	74.0	-30.6	Peak	Vertical
	11077.5	34.9	11.9	46.8	74.0	-27.2	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20	Test Site:	AC1
Test Channel:	52	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6997.0	35.9	6.3	42.2	68.2	-26.1	Peak	Horizontal
*	7867.5	35.8	7.6	43.4	68.2	-24.9	Peak	Horizontal
	9127.0	34.7	9.2	43.9	74.0	-30.2	Peak	Horizontal
	11147.0	34.8	11.7	46.5	74.0	-27.6	Peak	Horizontal
*	6957.0	35.2	6.1	41.3	68.2	-27.0	Peak	Vertical
*	7877.0	36.0	7.7	43.7	68.2	-24.6	Peak	Vertical
	8297.5	36.0	7.2	43.2	74.0	-30.9	Peak	Vertical
	9423.5	35.2	9.8	45.0	74.0	-29.1	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20	Test Site:	AC1
Test Channel:	60	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7037.0	35.4	6.6	42.0	68.2	-26.2	Peak	Horizontal
*	7907.5	35.1	7.8	42.9	68.2	-25.3	Peak	Horizontal
	9409.5	34.7	9.7	44.4	74.0	-29.6	Peak	Horizontal
	11157.5	35.1	11.6	46.7	74.0	-27.3	Peak	Horizontal
*	7107.0	35.8	6.9	42.7	68.2	-25.5	Peak	Vertical
*	7917.0	35.4	7.8	43.2	68.2	-25.0	Peak	Vertical
	9079.5	34.9	8.9	43.8	74.0	-30.2	Peak	Vertical
	10777.5	34.5	11.9	46.4	74.0	-27.6	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20	Test Site:	AC1
Test Channel:	64	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6948.0	35.4	6.1	41.5	68.2	-26.7	Peak	Horizontal
*	7897.0	35.7	7.8	43.5	68.2	-24.7	Peak	Horizontal
	8410.5	35.2	7.4	42.6	74.0	-31.4	Peak	Horizontal
	10700.5	34.3	11.7	46.0	74.0	-28.0	Peak	Horizontal
*	6948.5	36.3	6.1	42.4	68.2	-25.8	Peak	Vertical
*	7811.0	35.8	7.6	43.4	68.2	-24.8	Peak	Vertical
	9070.5	34.9	8.8	43.7	74.0	-30.3	Peak	Vertical
	10705.5	33.9	11.7	45.6	74.0	-28.4	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20	Test Site:	AC1
Test Channel:	100	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7047.5	35.2	6.7	41.9	68.2	-26.4	Peak	Horizontal
*	7879.5	36.1	7.7	43.8	68.2	-24.5	Peak	Horizontal
	8399.5	35.2	7.4	42.6	74.0	-31.5	Peak	Horizontal
	9410.5	35.7	9.7	45.4	74.0	-28.7	Peak	Horizontal
*	6952.0	36.7	6.1	42.8	68.2	-25.5	Peak	Vertical
*	7879.5	35.9	7.7	43.6	68.2	-24.7	Peak	Vertical
	9070.5	35.4	8.8	44.2	74.0	-29.9	Peak	Vertical
	10620.5	34.9	11.6	46.5	74.0	-27.6	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20	Test Site:	AC1
Test Channel:	120	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7059.5	35.6	6.8	42.4	68.2	-25.8	Peak	Horizontal
*	7810.5	45.0	7.6	52.6	68.2	-15.6	Peak	Horizontal
	9397.5	34.8	9.7	44.5	74.0	-29.5	Peak	Horizontal
	10630.5	34.4	11.6	46.0	74.0	-28.0	Peak	Horizontal
*	6949.5	35.2	6.1	41.3	68.2	-26.9	Peak	Vertical
*	7800.5	35.6	7.6	43.2	68.2	-25.0	Peak	Vertical
	8292.0	34.7	7.2	41.9	74.0	-32.1	Peak	Vertical
	9400.5	34.8	9.7	44.5	74.0	-29.5	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20	Test Site:	AC1
Test Channel:	140	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7135.0	37.0	7.0	44.0	68.2	-24.2	Peak	Horizontal
*	8563.0	37.0	8.0	45.0	68.2	-23.2	Peak	Horizontal
	9268.5	36.2	9.6	45.8	74.0	-28.2	Peak	Horizontal
	11198.0	36.6	11.6	48.2	74.0	-25.8	Peak	Horizontal
*	7070.5	35.1	6.8	41.9	68.2	-26.3	Peak	Vertical
*	7882.5	35.3	7.7	43.0	68.2	-25.2	Peak	Vertical
	9103.5	34.9	9.0	43.9	74.0	-30.1	Peak	Vertical
	10970.0	35.0	12.2	47.2	74.0	-26.8	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20	Test Site:	AC1
Test Channel:	144	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7067.0	35.8	6.8	42.6	68.2	-25.6	Peak	Horizontal
*	7733.0	35.2	7.5	42.7	68.2	-25.5	Peak	Horizontal
	8399.0	35.4	7.4	42.8	74.0	-31.2	Peak	Horizontal
	9433.5	35.1	9.8	44.9	74.0	-29.1	Peak	Horizontal
*	6949.0	35.2	6.1	41.3	68.2	-26.9	Peak	Vertical
*	7742.0	34.9	7.5	42.4	68.2	-25.8	Peak	Vertical
	8423.5	35.4	7.5	42.9	74.0	-31.1	Peak	Vertical
	9415.0	35.4	9.7	45.1	74.0	-28.9	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT20	Test Site:	AC1
Test Channel:	149	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7023.0	35.2	6.5	41.7	68.2	-26.5	Peak	Horizontal
*	7745.0	35.0	7.6	42.6	68.2	-25.6	Peak	Horizontal
	8399.5	35.2	7.4	42.6	74.0	-31.4	Peak	Horizontal
	11182.0	35.1	11.6	46.7	74.0	-27.3	Peak	Horizontal
*	7177.0	35.4	7.0	42.4	68.2	-25.8	Peak	Vertical
*	7923.0	35.6	7.9	43.5	68.2	-24.7	Peak	Vertical
	9117.0	35.2	9.1	44.3	74.0	-29.7	Peak	Vertical
	10636.5	35.3	11.6	46.9	74.0	-27.1	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.

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7095.5	35.1	6.9	42.0	68.2	-26.3	Peak	Horizontal
*	7915.0	35.1	7.8	42.9	68.2	-25.4	Peak	Horizontal
	9079.5	35.4	8.9	44.3	74.0	-29.8	Peak	Horizontal
	11182.3	34.8	11.6	46.4	74.0	-27.7	Peak	Horizontal
*	6948.5	35.3	6.1	41.4	68.2	-26.9	Peak	Vertical
*	7706.5	35.3	7.3	42.6	68.2	-25.7	Peak	Vertical
	9137.0	35.0	9.3	44.3	74.0	-29.8	Peak	Vertical
	10612.0	34.8	11.5	46.3	74.0	-27.8	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6952.0	35.3	6.1	41.4	68.2	-26.8	Peak	Horizontal
*	7745.5	35.2	7.6	42.8	68.2	-25.4	Peak	Horizontal
	8417.0	35.2	7.4	42.6	74.0	-31.4	Peak	Horizontal
	9436.5	35.0	9.8	44.8	74.0	-29.2	Peak	Horizontal
*	6950.5	35.4	6.1	41.5	68.2	-26.7	Peak	Vertical
*	7920.5	34.9	7.9	42.8	68.2	-25.4	Peak	Vertical
	9410.0	35.1	9.7	44.8	74.0	-29.2	Peak	Vertical
	11077.0	34.3	11.9	46.2	74.0	-27.8	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7117.0	36.3	6.9	43.2	68.2	-25.0	Peak	Horizontal
*	7917.0	35.0	7.8	42.8	68.2	-25.4	Peak	Horizontal
	8097.0	34.7	7.6	42.3	74.0	-31.7	Peak	Horizontal
	9326.5	34.2	9.7	43.9	74.0	-30.1	Peak	Horizontal
*	6950.5	35.3	6.1	41.4	68.2	-26.8	Peak	Vertical
*	7743.5	35.5	7.5	43.0	68.2	-25.2	Peak	Vertical
	9079.5	35.5	8.9	44.4	74.0	-29.6	Peak	Vertical
	10017.5	34.1	10.7	44.8	74.0	-29.2	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7100.5	34.8	6.9	41.7	68.2	-26.5	Peak	Horizontal
*	7923.5	35.2	7.9	43.1	68.2	-25.1	Peak	Horizontal
	9433.0	35.2	9.8	45.0	74.0	-29.0	Peak	Horizontal
	11273.0	35.1	11.7	46.8	74.0	-27.2	Peak	Horizontal
*	6962.5	35.2	6.1	41.3	68.2	-26.9	Peak	Vertical
*	7766.0	34.8	7.6	42.4	68.2	-25.8	Peak	Vertical
	8289.5	35.6	7.2	42.8	74.0	-31.2	Peak	Vertical
	9323.5	34.0	9.7	43.7	74.0	-30.3	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT40	Test Site:	AC1
Test Channel:	54	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7012.6	35.9	6.4	42.3	68.2	-25.9	Peak	Horizontal
*	7859.5	35.8	7.6	43.4	68.2	-24.8	Peak	Horizontal
	9012.5	34.6	8.3	42.9	74.0	-31.1	Peak	Horizontal
	10679.5	33.4	11.7	45.1	74.0	-28.9	Peak	Horizontal
*	6956.5	35.9	6.1	42.0	68.2	-26.2	Peak	Vertical
*	7948.5	36.0	7.9	43.9	68.2	-24.3	Peak	Vertical
	9339.5	35.0	9.7	44.7	74.0	-29.3	Peak	Vertical
	10950.0	34.8	12.2	47.0	74.0	-27.0	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT40	Test Site:	AC1
Test Channel:	62	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7034.5	36.2	6.5	42.7	68.2	-25.5	Peak	Horizontal
*	7759.0	35.6	7.6	43.2	68.2	-25.0	Peak	Horizontal
	8400.5	35.5	7.4	42.9	74.0	-31.1	Peak	Horizontal
	9274.5	34.2	9.6	43.8	74.0	-30.2	Peak	Horizontal
*	6990.0	35.3	6.2	41.5	68.2	-26.7	Peak	Vertical
*	7742.0	35.4	7.5	42.9	68.2	-25.3	Peak	Vertical
	8328.0	35.3	7.2	42.5	74.0	-31.5	Peak	Vertical
	9434.0	35.3	9.8	45.1	74.0	-28.9	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT40	Test Site:	AC1
Test Channel:	102	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7018.0	35.5	6.4	41.9	68.2	-26.3	Peak	Horizontal
*	8710.0	36.1	8.2	44.3	68.2	-23.9	Peak	Horizontal
	9399.0	35.4	9.7	45.1	74.0	-28.9	Peak	Horizontal
	10810.0	34.7	12.0	46.7	74.0	-27.3	Peak	Horizontal
*	7925.0	35.5	7.9	43.4	68.2	-24.8	Peak	Vertical
*	8681.0	34.9	8.1	43.0	68.2	-25.2	Peak	Vertical
	9055.0	35.7	8.6	44.3	74.0	-29.7	Peak	Vertical
	10950.5	34.1	12.2	46.3	74.0	-27.7	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT40	Test Site:	AC1
Test Channel:	118	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6948.0	35.3	6.1	41.4	68.2	-26.8	Peak	Horizontal
*	7879.0	35.8	7.7	43.5	68.2	-24.7	Peak	Horizontal
	9400.5	35.1	9.7	44.8	74.0	-29.2	Peak	Horizontal
	10783.5	34.1	11.9	46.0	74.0	-28.0	Peak	Horizontal
*	7797.0	36.2	7.6	43.8	68.2	-24.4	Peak	Vertical
*	8580.0	34.7	8.0	42.7	68.2	-25.5	Peak	Vertical
	9399.0	34.8	9.7	44.5	74.0	-29.5	Peak	Vertical
	11301.0	35.1	11.7	46.8	74.0	-27.2	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT40	Test Site:	AC1
Test Channel:	134	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7001.0	35.7	6.3	42.0	68.2	-26.2	Peak	Horizontal
*	7917.0	35.3	7.8	43.1	68.2	-25.1	Peak	Horizontal
	9079.0	35.1	8.9	44.0	74.0	-30.0	Peak	Horizontal
	10700.5	34.2	11.7	45.9	74.0	-28.1	Peak	Horizontal
*	7079.0	35.2	6.9	42.1	68.2	-26.1	Peak	Vertical
*	7745.5	35.4	7.6	43.0	68.2	-25.2	Peak	Vertical
	9399.5	34.9	9.7	44.6	74.0	-29.4	Peak	Vertical
	11192.3	34.7	11.6	46.3	74.0	-27.7	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT40	Test Site:	AC1
Test Channel:	142	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7112.2	34.9	6.9	41.8	68.2	-26.4	Peak	Horizontal
*	7743.5	34.9	7.5	42.4	68.2	-25.8	Peak	Horizontal
	9384.0	35.1	9.7	44.8	74.0	-29.2	Peak	Horizontal
	10810.5	33.9	12.0	45.9	74.0	-28.1	Peak	Horizontal
*	7190.5	35.2	7.0	42.2	68.2	-26.0	Peak	Vertical
*	8571.5	36.3	8.0	44.3	68.2	-23.9	Peak	Vertical
	9334.5	34.3	9.7	44.0	74.0	-30.0	Peak	Vertical
	11397.0	35.0	11.9	46.9	74.0	-27.1	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6951.5	35.3	6.1	41.4	68.2	-26.8	Peak	Horizontal
*	7797.5	35.5	7.6	43.1	68.2	-25.1	Peak	Horizontal
	9097.5	35.3	9.0	44.3	74.0	-29.7	Peak	Horizontal
	10820.0	34.3	12.0	46.3	74.0	-27.7	Peak	Horizontal
*	7092.5	35.2	6.9	42.1	68.2	-26.1	Peak	Vertical
*	7920.5	35.8	7.9	43.7	68.2	-24.5	Peak	Vertical
	9410.5	35.1	9.7	44.8	74.0	-29.2	Peak	Vertical
	10705.5	34.8	11.7	46.5	74.0	-27.5	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7079.5	35.3	6.9	42.2	68.2	-26.0	Peak	Horizontal
*	7962.5	35.1	7.9	43.0	68.2	-25.2	Peak	Horizontal
	9384.5	35.6	9.7	45.3	74.0	-28.7	Peak	Horizontal
	11182.5	36.6	11.6	48.2	74.0	-25.8	Peak	Horizontal
*	6950.0	35.2	6.1	41.3	68.2	-26.9	Peak	Vertical
*	7910.0	35.6	7.8	43.4	68.2	-24.8	Peak	Vertical
	9079.0	35.6	8.9	44.5	74.0	-29.5	Peak	Vertical
	10728.0	35.0	11.8	46.8	74.0	-27.2	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.

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7047.0	35.4	6.7	42.1	68.2	-26.1	Peak	Horizontal
*	7880.0	35.4	7.7	43.1	68.2	-25.1	Peak	Horizontal
	8399.0	35.9	7.4	43.3	74.0	-30.7	Peak	Horizontal
	9326.5	34.4	9.7	44.1	74.0	-29.9	Peak	Horizontal
*	7182.0	35.4	7.0	42.4	68.2	-25.8	Peak	Vertical
*	7862.0	35.5	7.6	43.1	68.2	-25.1	Peak	Vertical
	9081.0	35.9	8.9	44.8	74.0	-29.2	Peak	Vertical
	11038.5	34.6	12.0	46.6	74.0	-27.4	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT80	Test Site:	AC1
Test Channel:	58	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	35.3	6.2	41.5	68.2	-26.7	Peak	Horizontal
*	7848.0	36.1	7.5	43.6	68.2	-24.6	Peak	Horizontal
	8399.0	35.3	7.4	42.7	74.0	-31.3	Peak	Horizontal
	9384.0	35.5	9.7	45.2	74.0	-28.8	Peak	Horizontal
*	7001.0	35.0	6.3	41.3	68.2	-26.9	Peak	Vertical
*	7855.0	35.2	7.6	42.8	68.2	-25.4	Peak	Vertical
	9129.0	35.7	9.2	44.9	74.0	-29.1	Peak	Vertical
	11268.0	34.2	11.7	45.9	74.0	-28.1	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT80	Test Site:	AC1
Test Channel:	106	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7119.0	35.7	6.9	42.6	68.2	-25.6	Peak	Horizontal
*	7848.0	36.0	7.5	43.5	68.2	-24.7	Peak	Horizontal
	8289.0	36.0	7.2	43.2	74.0	-30.8	Peak	Horizontal
	9384.5	35.9	9.7	45.6	74.0	-28.4	Peak	Horizontal
*	7050.0	35.4	6.7	42.1	68.2	-26.1	Peak	Vertical
*	7731.5	35.1	7.5	42.6	68.2	-25.6	Peak	Vertical
	9047.0	35.1	8.5	43.6	74.0	-30.4	Peak	Vertical
	9442.0	34.8	9.8	44.6	74.0	-29.4	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT80	Test Site:	AC1
Test Channel:	122	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	6955.0	35.1	6.1	41.2	68.2	-27.0	Peak	Horizontal
*	7727.5	35.6	7.5	43.1	68.2	-25.1	Peak	Horizontal
	9120.0	35.3	9.1	44.4	74.0	-29.6	Peak	Horizontal
	11178.5	34.5	11.6	46.1	74.0	-27.9	Peak	Horizontal
*	7071.5	34.6	6.8	41.4	68.2	-26.8	Peak	Vertical
*	7922.5	35.6	7.9	43.5	68.2	-24.7	Peak	Vertical
	8292.3	36.1	7.2	43.3	74.0	-30.7	Peak	Vertical
	9410.5	34.9	9.7	44.6	74.0	-29.4	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT80	Test Site:	AC1
Test Channel:	138	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7041.0	35.8	6.6	42.4	68.2	-25.8	Peak	Horizontal
*	7882.0	36.4	7.7	44.1	68.2	-24.1	Peak	Horizontal
	8399.0	35.2	7.4	42.6	74.0	-31.4	Peak	Horizontal
	9384.5	35.1	9.7	44.8	74.0	-29.2	Peak	Horizontal
*	7049.5	35.1	6.7	41.8	68.2	-26.4	Peak	Vertical
*	7851.5	36.0	7.6	43.6	68.2	-24.6	Peak	Vertical
	8957.5	34.2	8.1	42.3	74.0	-31.7	Peak	Vertical
	11182.2	34.9	11.6	46.5	74.0	-27.5	Peak	Vertical

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

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

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

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7056.5	34.8	6.7	41.5	68.2	-26.7	Peak	Horizontal
*	7892.0	35.8	7.7	43.5	68.2	-24.7	Peak	Horizontal
	8294.0	34.8	7.2	42.0	74.0	-32.0	Peak	Horizontal
	9426.5	35.2	9.8	45.0	74.0	-29.0	Peak	Horizontal
*	7047.0	35.4	6.7	42.1	68.2	-26.1	Peak	Vertical
*	7922.5	35.6	7.9	43.5	68.2	-24.7	Peak	Vertical
	8410.5	34.7	7.4	42.1	74.0	-31.9	Peak	Vertical
	11177.5	34.4	11.6	46.0	74.0	-28.0	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.

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

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

Panel Antenna 2# and 3# Worst-Case Mode

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7162.5	35.8	7.7	43.5	68.2	-24.7	Peak	Horizontal
*	8743.5	35.9	9.0	44.9	68.2	-23.3	Peak	Horizontal
	9423.5	36.0	10.6	46.6	74.0	-27.4	Peak	Horizontal
	11540.0	37.3	12.7	50.0	74.0	-24.0	Peak	Horizontal
*	7230.5	36.6	7.8	44.4	68.2	-23.8	Peak	Vertical
*	8735.0	36.1	8.9	45.0	68.2	-23.2	Peak	Vertical
	9381.0	35.1	10.5	45.6	74.0	-28.4	Peak	Vertical
	11489.0	37.9	12.8	50.7	74.0	-23.3	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.

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7154.0	35.6	7.7	43.3	68.2	-24.9	Peak	Horizontal
*	8726.5	36.3	9.0	45.3	68.2	-22.9	Peak	Horizontal
	9372.5	36.0	10.5	46.5	74.0	-27.5	Peak	Horizontal
	10868.5	36.1	12.8	48.9	74.0	-25.1	Peak	Horizontal
*	7162.5	36.8	7.7	44.5	68.2	-23.7	Peak	Vertical
*	8862.5	36.2	9.1	45.3	68.2	-22.9	Peak	Vertical
	9338.5	34.5	10.4	44.9	74.0	-29.1	Peak	Vertical
	11574.0	37.3	12.6	49.9	74.0	-24.1	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.

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7120.0	36.6	7.6	44.2	68.2	-24.0	Peak	Horizontal
*	8752.0	36.6	9.0	45.6	68.2	-22.6	Peak	Horizontal
	9483.0	36.3	10.6	46.9	74.0	-27.1	Peak	Horizontal
	11404.0	36.2	12.6	48.8	74.0	-25.2	Peak	Horizontal
*	7145.5	35.9	7.7	43.6	68.2	-24.6	Peak	Vertical
*	8820.0	36.3	9.0	45.3	68.2	-22.9	Peak	Vertical
	9415.0	34.8	10.6	45.4	74.0	-28.6	Peak	Vertical
	11489.0	36.2	12.8	49.0	74.0	-25.0	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.

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

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	7825.5	36.2	8.4	44.6	68.2	-23.6	Peak	Horizontal
*	8726.5	36.4	9.0	45.4	68.2	-22.8	Peak	Horizontal
	9466.0	36.4	10.5	46.9	74.0	-27.1	Peak	Horizontal
	11514.5	35.8	12.8	48.6	74.0	-25.4	Peak	Horizontal
*	7086.0	36.6	7.3	43.9	68.2	-24.3	Peak	Vertical
*	8650.0	36.7	8.8	45.5	68.2	-22.7	Peak	Vertical
	9440.5	35.6	10.5	46.1	74.0	-27.9	Peak	Vertical
	11489.0	37.5	12.8	50.3	74.0	-23.7	Peak	Vertical

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

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

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

Test Mode:	802.11ac-VHT80	Test Site:	AC1
Test Channel:	155	Test Engineer:	Roy Cheng
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is 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	37.1	7.7	44.8	68.2	-23.4	Peak	Horizontal
*	8769.0	36.7	8.9	45.6	68.2	-22.6	Peak	Horizontal
	9423.5	35.2	10.6	45.8	74.0	-28.2	Peak	Horizontal
	11514.5	36.1	12.8	48.9	74.0	-25.1	Peak	Horizontal
*	7111.5	35.3	7.5	42.8	68.2	-25.4	Peak	Vertical
*	8811.5	36.1	9.0	45.1	68.2	-23.1	Peak	Vertical
	9440.5	34.7	10.5	45.2	74.0	-28.8	Peak	Vertical
	11557.0	36.2	12.7	48.9	74.0	-25.1	Peak	Vertical

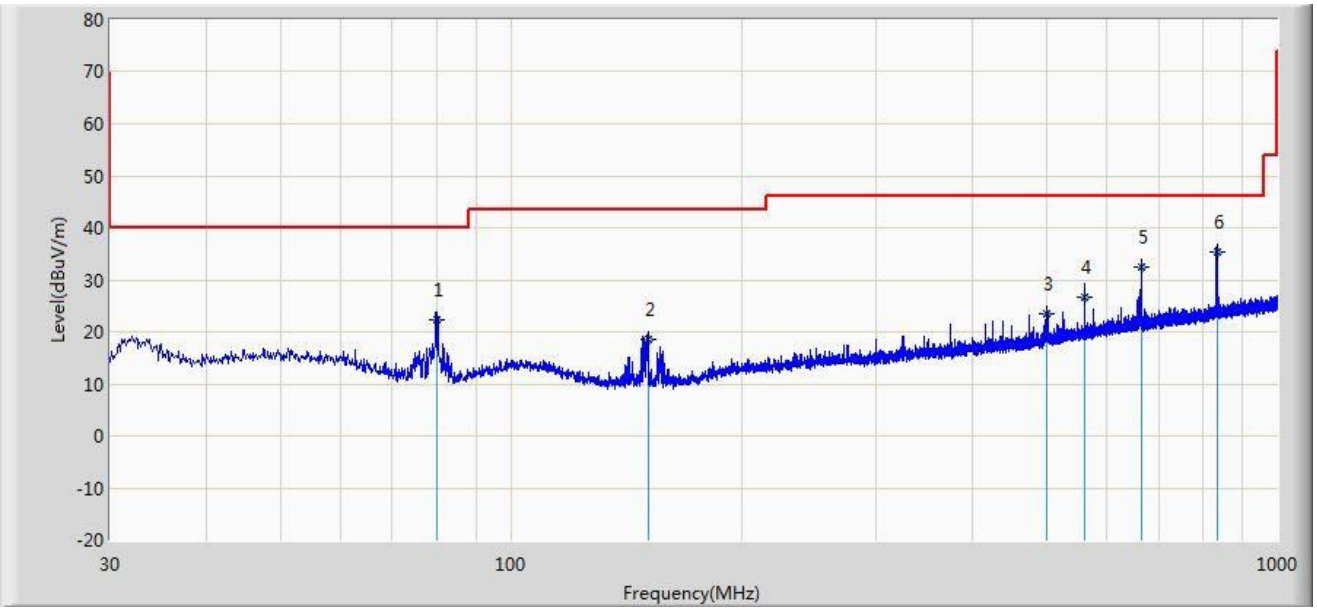
Note 1: "*" is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a "conversion" factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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

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

The worst case of Radiated Emission below 1GHz:

Site: AC1	Time: 2015/04/12 - 15:29
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: VULB9162_0.03-8GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Worst Mode: Transmit by 802.11a at channel 5240MHz	

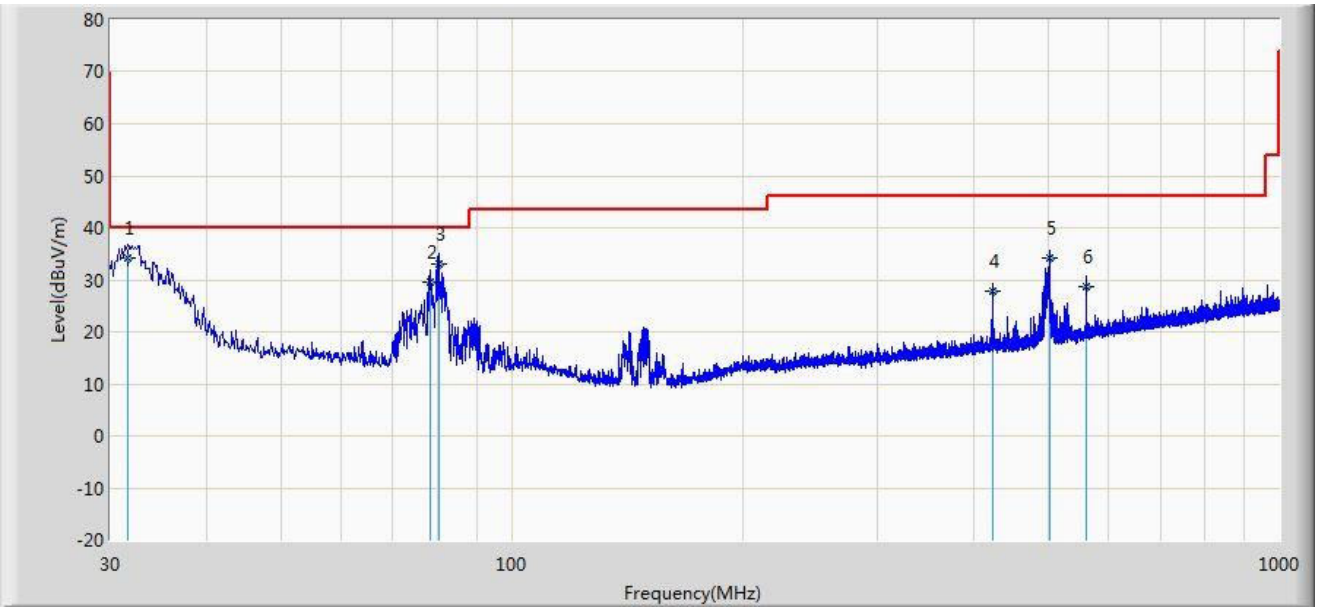


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			79.980	22.182	12.824	-17.818	40.000	9.358	QP
2			151.080	18.621	9.141	-24.879	43.500	9.480	QP
3			500.400	23.517	5.282	-22.483	46.000	18.235	QP
4			560.074	26.650	7.400	-19.350	46.000	19.249	QP
5			664.205	32.399	11.570	-13.601	46.000	20.829	QP
6		*	833.835	35.310	12.077	-10.690	46.000	23.233	QP

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

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

Site: AC1	Time: 2015/04/12 - 15:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Milo Li
Probe: VULB9162_0.03-8GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Worst Mode: Transmit by 802.11a at channel 5240MHz	

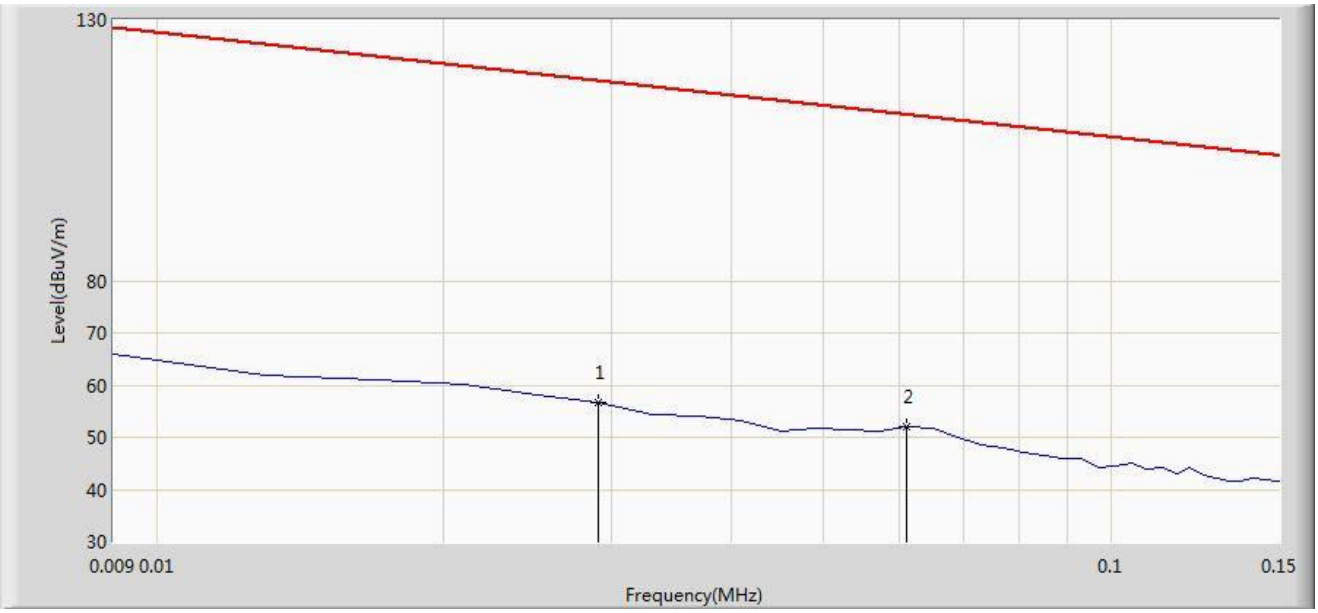


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	31.620	34.245	21.934	-5.755	40.000	12.311	QP
2			78.360	29.632	20.500	-10.368	40.000	9.132	QP
3			80.420	32.932	23.512	-7.068	40.000	9.420	QP
4			422.740	27.757	10.780	-18.243	46.000	16.977	QP
5			501.600	34.109	15.860	-11.891	46.000	18.249	QP
6			560.030	28.788	9.539	-17.212	46.000	19.248	QP

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

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

Site: AC1	Time: 2015/05/10 - 18:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: FMZB1519_0.009-30MHz	Polarity: Face on
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: There is the ambient noise within frequency range 9kHz~30MHz.	

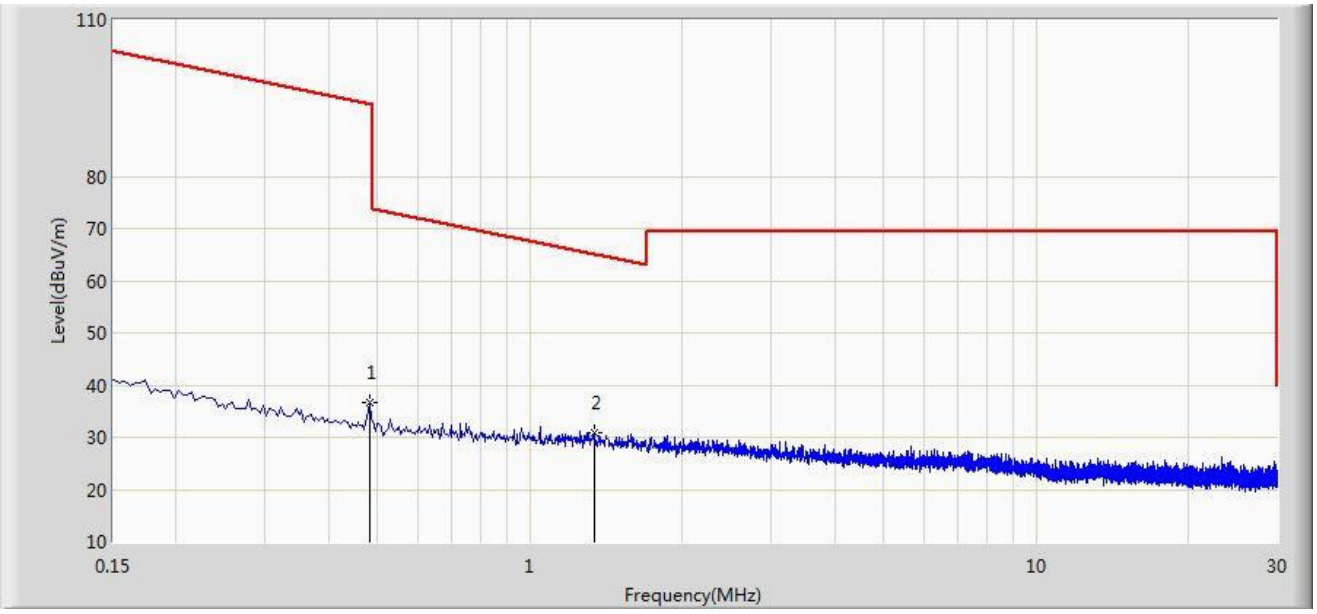


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			0.029	56.610	35.660	-61.732	118.342	21.049	QP
2		*	0.061	51.899	31.588	-59.988	111.887	20.311	QP

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

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

Site: AC1	Time: 2015/05/10 - 18:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: FMZB1519_0.009-30MHz	Polarity: Face on
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: There is the ambient noise within frequency range 9kHz~30MHz.	

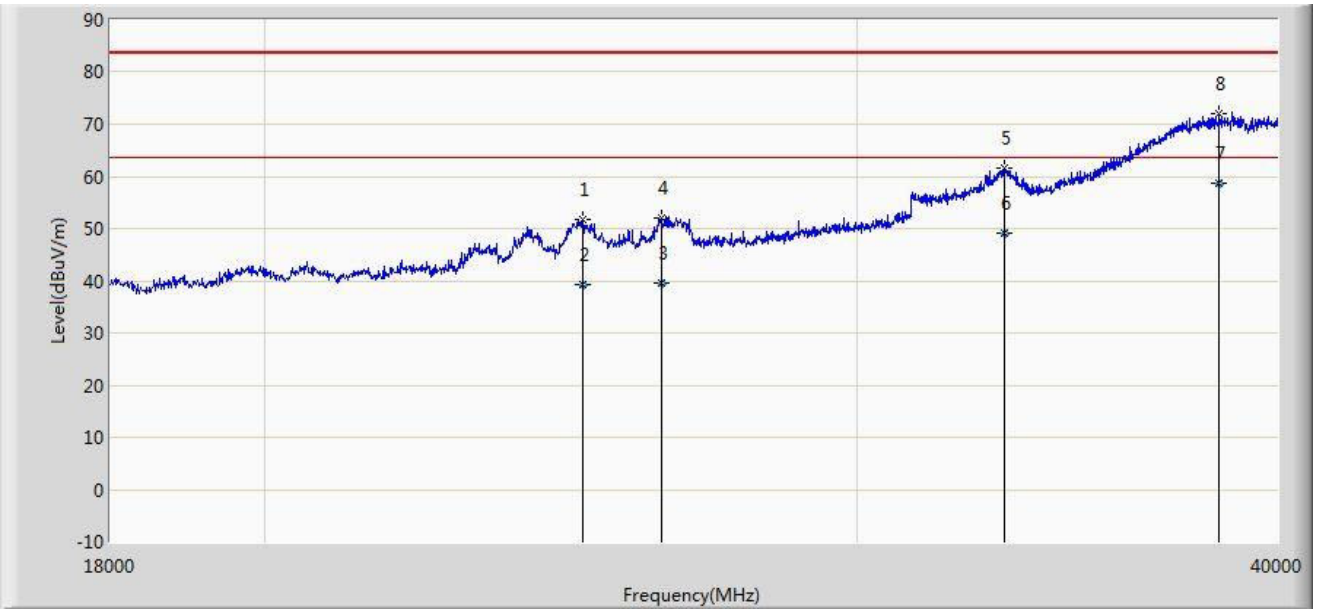


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			0.482	36.584	16.183	-57.359	93.943	20.401	QP
2		*	1.338	31.001	10.512	-34.098	65.099	20.489	QP

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

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

Site: AC1	Time: 2015/05/10 - 20:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9170_18-40GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: There is the ambient noise within frequency range 18GHz~40GHz.	

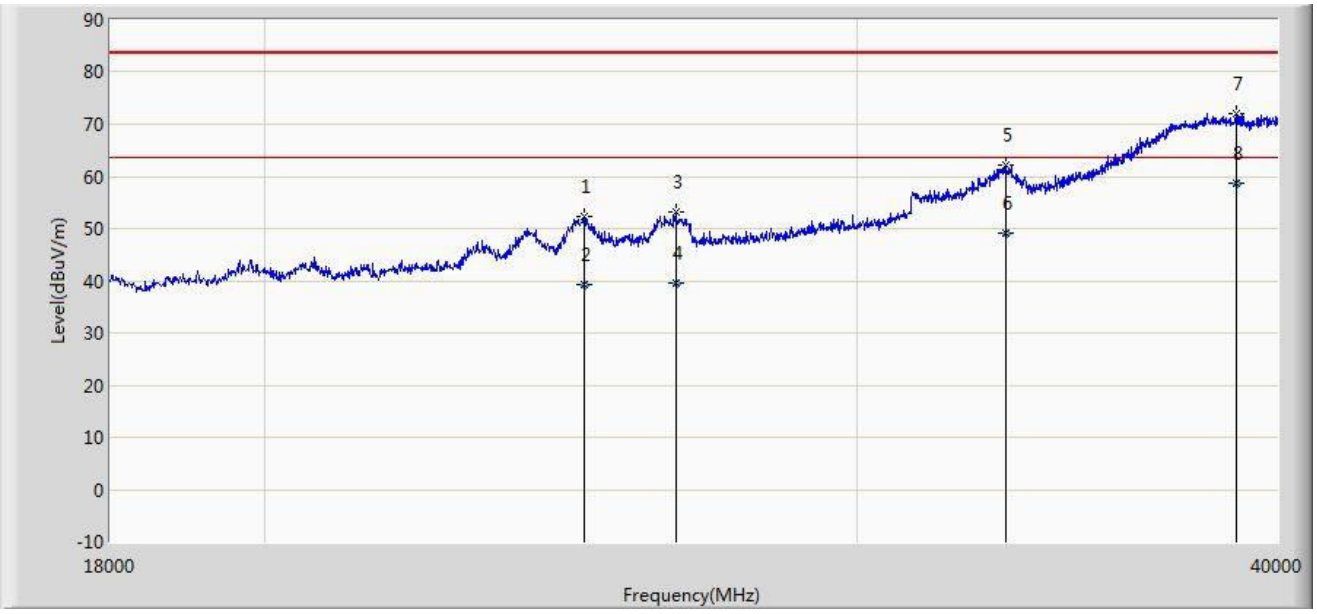


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			24864.000	51.836	37.061	-31.664	83.500	14.775	PK
2			24864.088	39.225	24.450	-24.275	63.500	14.775	AV
3			26260.988	39.469	24.050	-24.031	63.500	15.419	AV
4			26261.000	51.956	36.537	-31.544	83.500	15.419	PK
5			33180.000	61.461	39.940	-22.039	83.500	21.521	PK
6			33180.361	49.061	27.540	-14.439	63.500	21.521	AV
7		*	38437.980	58.523	31.190	-4.977	63.500	27.333	AV
8			38438.000	72.021	44.688	-11.479	83.500	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: 2015/05/10 - 20:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Roy Cheng
Probe: BBHA9170_18-40GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	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			24886.000	52.313	37.528	-31.187	83.500	14.785	PK
2			24886.970	39.234	24.449	-24.266	63.500	14.785	AV
3			26503.000	53.227	37.207	-30.273	83.500	16.020	PK
4			26503.872	39.572	23.550	-23.928	63.500	16.022	AV
5			33213.000	62.110	40.572	-21.390	83.500	21.538	PK
6			33213.984	49.098	27.560	-14.402	63.500	21.538	AV
7			38900.000	72.096	44.211	-11.404	83.500	27.885	PK
8		*	38900.755	58.705	30.820	-4.795	63.500	27.885	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	8.025 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 - 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.52525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2690 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	([2])

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 5.25-5.35 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 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 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.

Note: Refer to KDB 789033 D02v01 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.

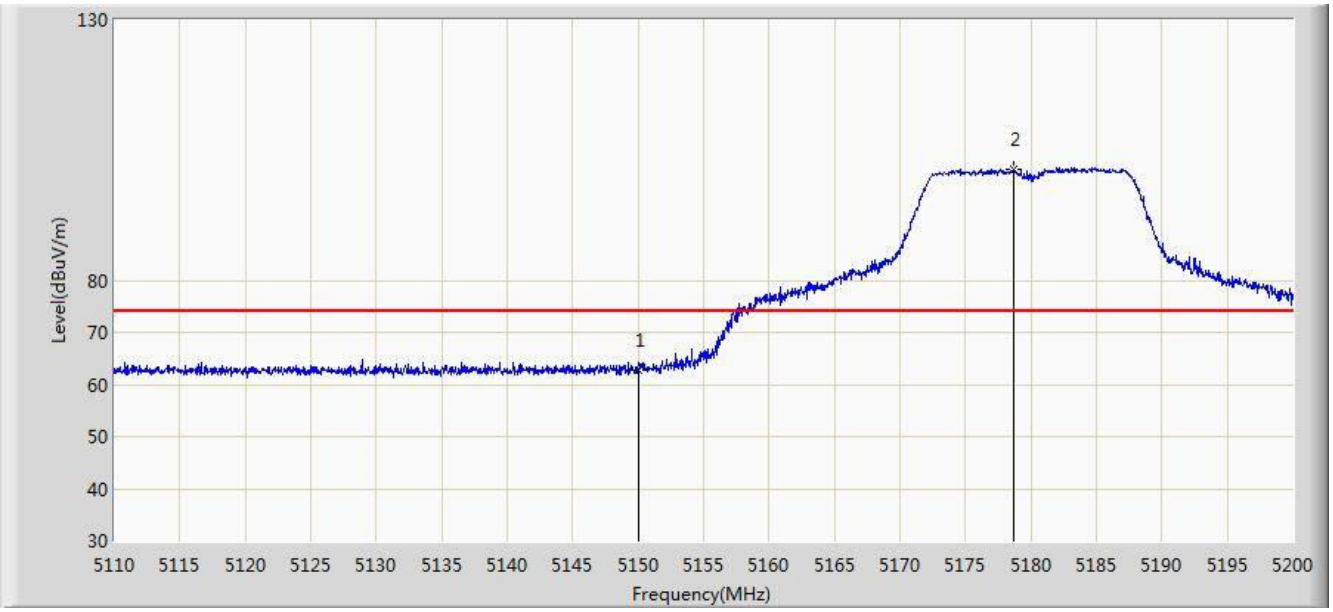
All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47 CFR must not exceed the limits shown in Table per Section 15.209.

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

Dipole Antenna 1#

Site: AC1	Time: 2015/04/24 - 02:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5180MHz by 802.11a 1TX	

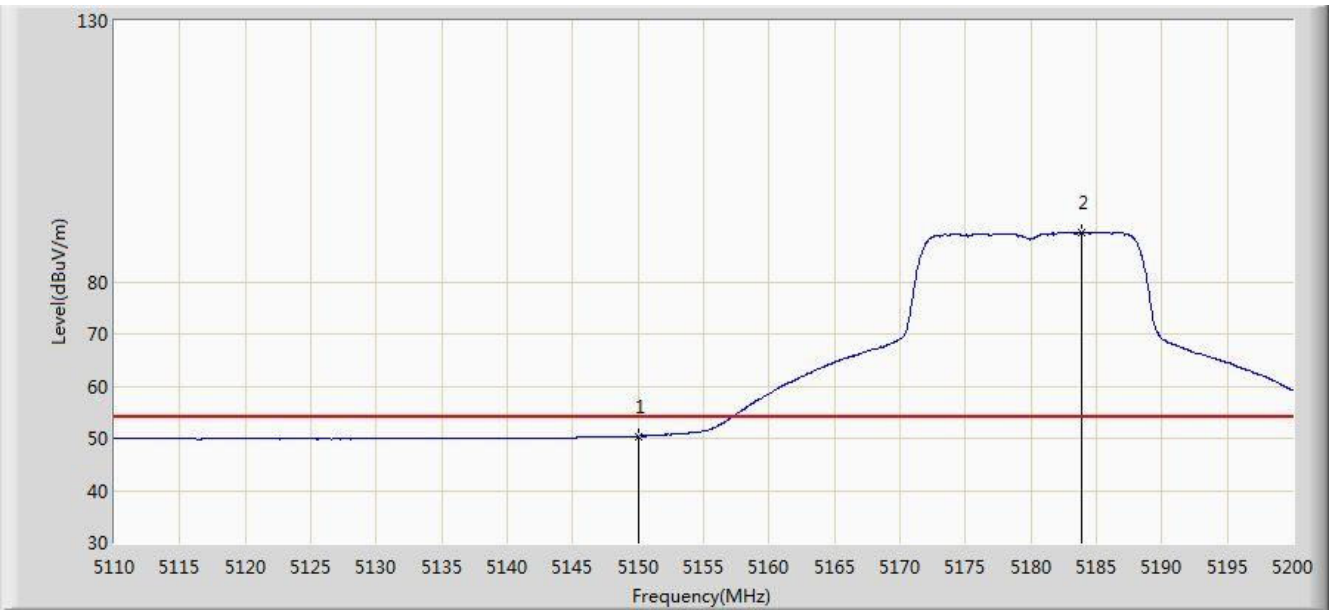


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	62.801	25.349	-11.199	74.000	37.452	PK
2		*	5178.670	101.305	63.928	N/A	N/A	37.377	PK

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

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

Site: AC1	Time: 2015/04/24 - 02:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5180MHz by 802.11a 1TX	

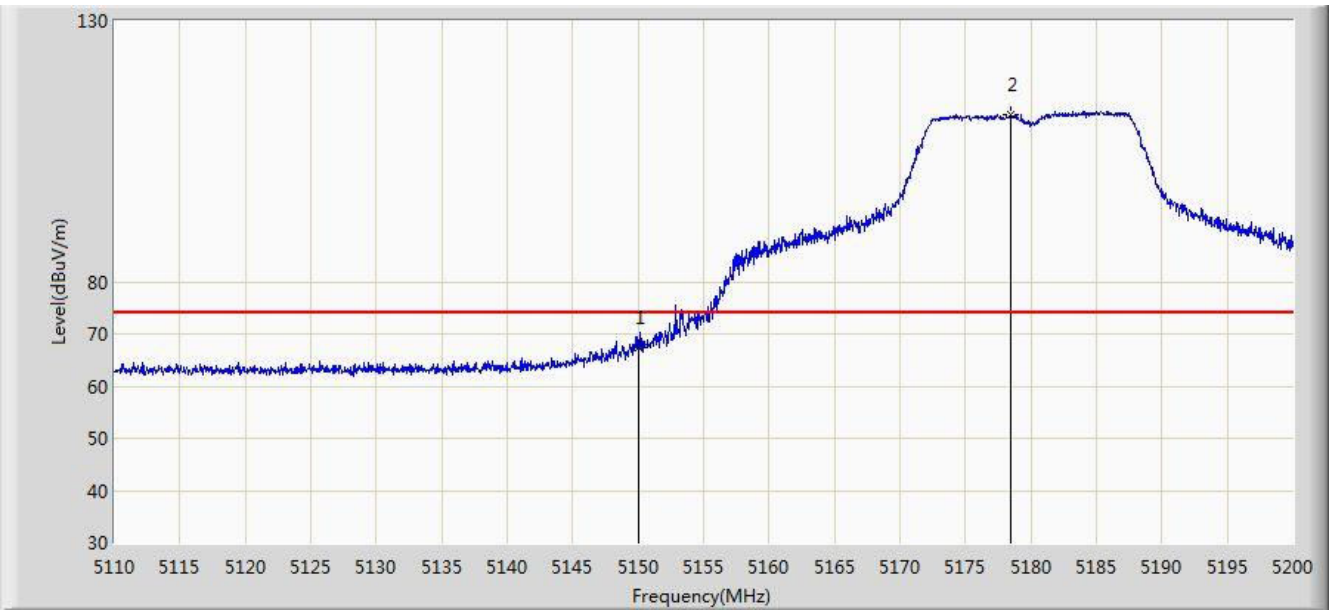


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	50.424	12.972	-3.576	54.000	37.452	AV
2		*	5183.890	89.475	52.111	N/A	N/A	37.365	AV

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

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

Site: AC1	Time: 2015/04/24 - 02:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5180MHz by 802.11a 1TX	

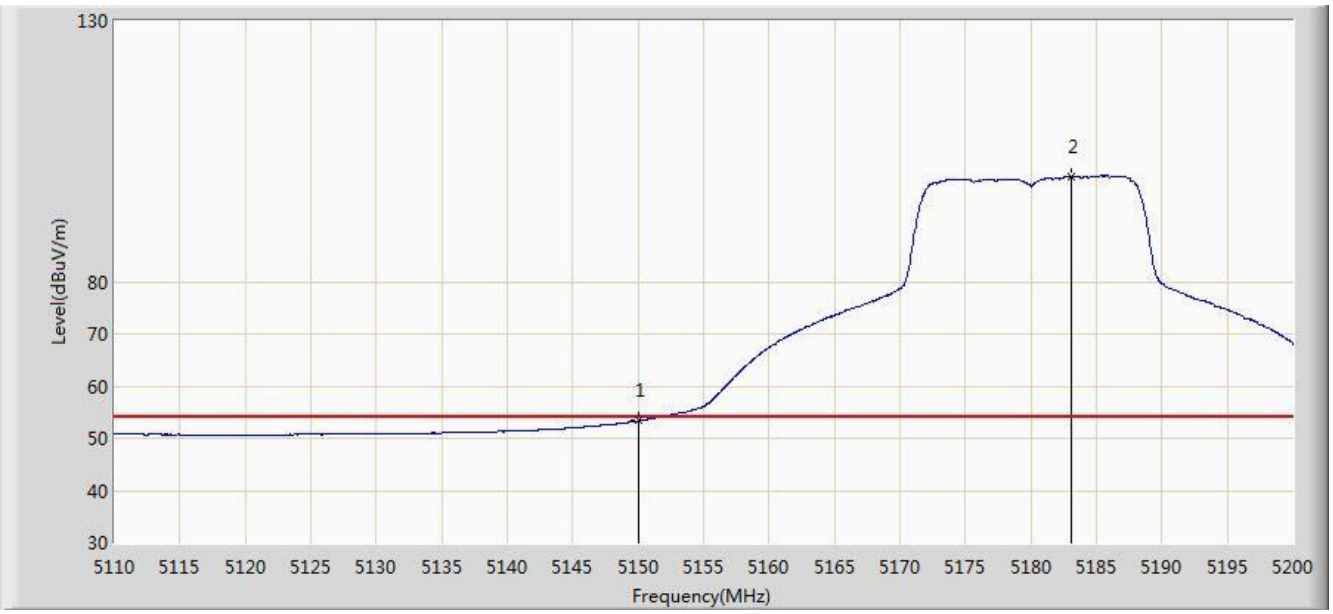


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	67.448	29.996	-6.552	74.000	37.452	PK
2		*	5178.445	111.906	74.529	N/A	N/A	37.377	PK

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

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

Site: AC1	Time: 2015/04/24 - 02:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5180MHz by 802.11a 1TX	

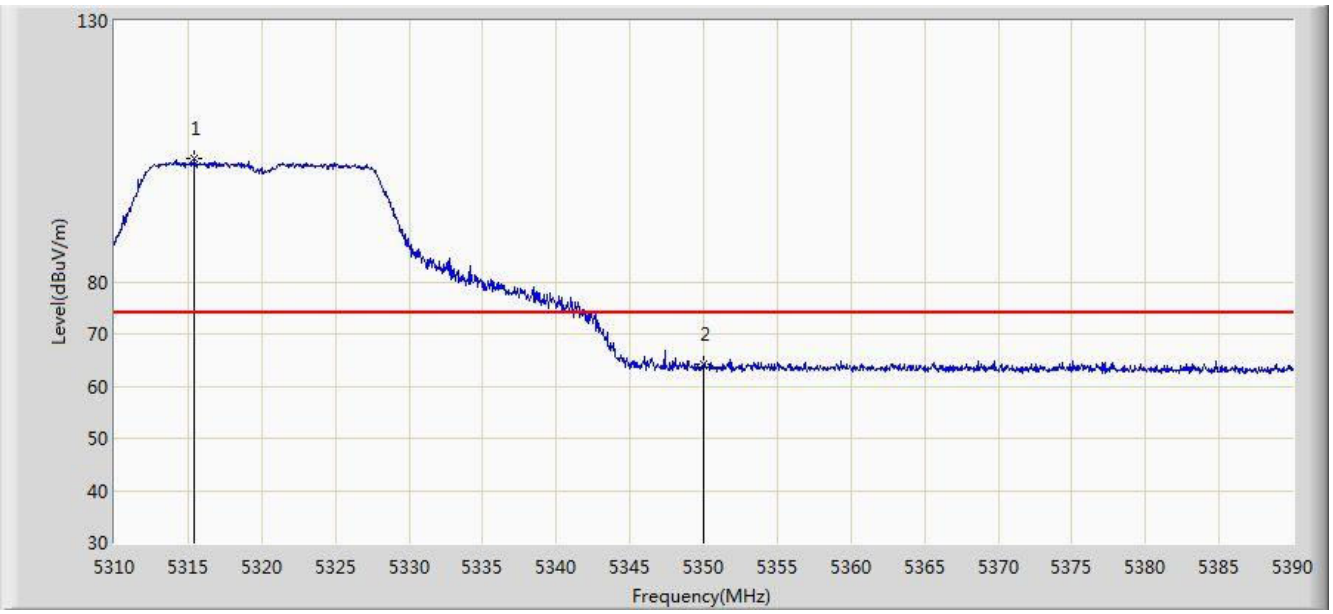


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.336	15.884	-0.664	54.000	37.452	AV
2		*	5183.035	100.089	62.722	N/A	N/A	37.367	AV

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

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

Site: AC1	Time: 2015/04/24 - 03:03
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5320MHz by 802.11a 1TX	

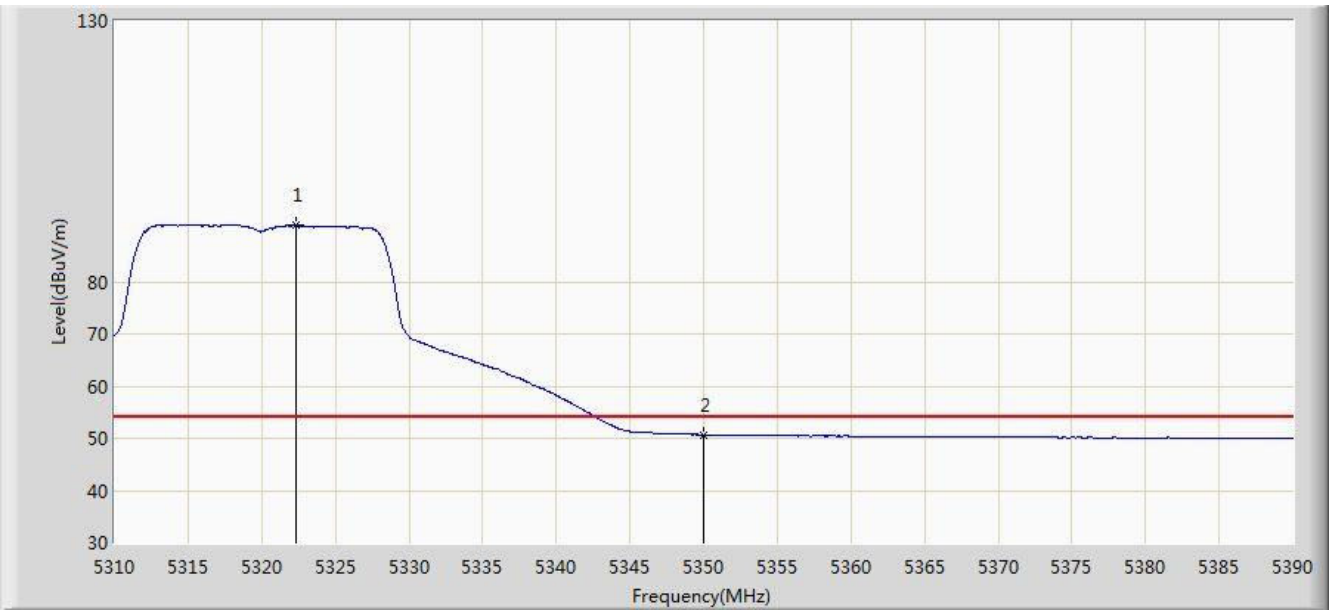


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5315.450	103.647	66.442	N/A	N/A	37.206	PK
2			5350.000	64.256	26.970	-9.744	74.000	37.286	PK

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

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

Site: AC1	Time: 2015/04/24 - 03:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Andy Zhu
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: 802.11ac Dual Band Module	Power: AC 120V/60Hz
Note: Mode: Transmit at channel 5320MHz by 802.11a 1TX	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5322.300	90.740	53.522	N/A	N/A	37.218	AV
2			5350.000	50.721	13.435	-3.279	54.000	37.286	AV

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

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