

Product	ACCESS POINT	Test Engineer	Kevin Ker
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	149
Remark:	3. Average measurement was not performed if peak level lower than average limit. 4. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8616.0	30.0	12.7	42.7	68.2	-25.5	Peak	Horizontal
*	10035.5	28.2	15.5	43.7	68.2	-24.5	Peak	Horizontal
	11701.5	31.0	18.2	49.2	74.0	-24.8	Peak	Horizontal
	15781.5	27.1	21.0	48.1	74.0	-25.9	Peak	Horizontal
*	8769.0	29.9	13.1	43.0	68.2	-25.2	Peak	Vertical
*	10401.0	29.4	16.7	46.1	68.2	-22.1	Peak	Vertical
	11650.5	28.8	18.3	47.1	74.0	-26.9	Peak	Vertical
	15603.0	27.9	21.3	49.2	74.0	-24.8	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)

Product	ACCESS POINT	Test Engineer	Kevin Ker
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	157
Remark:	3. Average measurement was not performed if peak level lower than average limit. 4. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8760.5	30.0	13.1	43.1	68.2	-25.1	Peak	Horizontal
*	10256.5	29.4	16.2	45.6	68.2	-22.6	Peak	Horizontal
	12288.0	30.7	17.9	48.6	74.0	-25.4	Peak	Horizontal
	15951.5	27.2	20.7	47.9	74.0	-26.1	Peak	Horizontal
*	8684.0	30.2	12.9	43.1	68.2	-25.1	Peak	Vertical
*	10256.5	29.9	16.2	46.1	68.2	-22.1	Peak	Vertical
	11599.5	29.7	18.3	48.0	74.0	-26.0	Peak	Vertical
	15560.5	26.5	21.3	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)

Product	ACCESS POINT	Test Engineer	Kevin Ker
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ac-VHT20 - Ant 0 + 1	Test Channel:	165
Remark:	3. Average measurement was not performed if peak level lower than average limit. 4. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8658.5	30.0	12.8	42.8	68.2	-25.4	Peak	Horizontal
*	9712.5	30.6	14.8	45.4	68.2	-22.8	Peak	Horizontal
	11684.5	30.2	18.2	48.4	74.0	-25.6	Peak	Horizontal
	15620.0	27.6	21.2	48.8	74.0	-25.2	Peak	Horizontal
*	8769.0	29.7	13.1	42.8	68.2	-25.4	Peak	Vertical
*	9636.0	30.8	14.7	45.5	68.2	-22.7	Peak	Vertical
	12305.0	31.0	17.9	48.9	74.0	-25.1	Peak	Vertical
	15705.0	27.9	21.1	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)

Product	ACCESS POINT	Test Engineer	Kevin Ker
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	38
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8616.0	29.3	12.7	42.0	68.2	-26.2	Peak	Horizontal
*	10154.5	29.9	15.9	45.8	68.2	-22.4	Peak	Horizontal
	11735.5	27.8	18.2	46.0	74.0	-28.0	Peak	Horizontal
	15637.0	28.4	21.2	49.6	74.0	-24.4	Peak	Horizontal
*	8769.0	30.5	13.1	43.6	68.2	-24.6	Peak	Vertical
*	10537.0	29.3	17.1	46.4	68.2	-21.8	Peak	Vertical
	11582.5	29.8	18.3	48.1	74.0	-25.9	Peak	Vertical
	15637.0	27.4	21.2	48.6	74.0	-25.4	Peak	Vertical

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

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

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

Product	ACCESS POINT	Test Engineer	Kevin Ker
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	46
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8607.5	29.9	12.7	42.6	68.2	-25.6	Peak	Horizontal
*	10299.0	29.2	16.4	45.6	68.2	-22.6	Peak	Horizontal
	12262.5	30.4	17.9	48.3	74.0	-25.7	Peak	Horizontal
	15688.0	34.8	21.1	55.9	74.0	-18.1	Peak	Horizontal
	15689.4	25.3	21.1	46.4	54.0	-7.6	Average	Horizontal
*	8769.0	30.1	13.1	43.2	68.2	-25.0	Peak	Vertical
*	10248.0	29.2	16.2	45.4	68.2	-22.8	Peak	Vertical
	12254.0	30.7	17.9	48.6	74.0	-25.4	Peak	Vertical
	15679.5	35.9	21.1	57.0	74.0	-17.0	Peak	Vertical
	15679.6	27.2	21.1	48.3	54.0	-5.7	Average	Vertical

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

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

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

Product	ACCESS POINT	Test Engineer	Kevin Ker
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	54
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
*	8692.5	28.6	12.9	41.5	68.2	-26.7	Peak	Horizontal
*	9729.5	30.6	14.9	45.5	68.2	-22.7	Peak	Horizontal
	12313.5	30.8	17.9	48.7	74.0	-25.3	Peak	Horizontal
	15798.5	32.3	20.9	53.2	74.0	-20.8	Peak	Horizontal
*	8760.5	30.0	13.1	43.1	68.2	-25.1	Peak	Vertical
*	10520.0	29.0	17.1	46.1	68.2	-22.1	Peak	Vertical
	11608.0	30.5	18.3	48.8	74.0	-25.2	Peak	Vertical
	15790.0	31.0	21.0	52.0	74.0	-22.0	Peak	Vertical

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

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

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

Product	ACCESS POINT	Test Engineer	Kevin Ker
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	62
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
*	8675.5	30.1	12.9	43.0	68.2	-25.2	Peak	Horizontal
*	10256.5	28.8	16.2	45.0	68.2	-23.2	Peak	Horizontal
	11795.0	29.9	18.1	48.0	74.0	-26.0	Peak	Horizontal
	15560.5	27.6	21.3	48.9	74.0	-25.1	Peak	Horizontal
*	8760.5	31.3	13.1	44.4	68.2	-23.8	Peak	Vertical
*	10333.0	29.0	16.5	45.5	68.2	-22.7	Peak	Vertical
	12143.5	30.4	17.8	48.2	74.0	-25.8	Peak	Vertical
	15713.5	26.0	21.1	47.1	74.0	-26.9	Peak	Vertical

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

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

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

Product	ACCESS POINT	Test Engineer	Kevin Ker
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	102
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
*	8616.0	29.8	12.7	42.5	68.2	-25.7	Peak	Horizontal
*	9721.0	30.0	14.8	44.8	68.2	-23.4	Peak	Horizontal
	12254.0	30.4	17.9	48.3	74.0	-25.7	Peak	Horizontal
	15985.5	28.3	20.6	48.9	74.0	-25.1	Peak	Horizontal
*	8692.5	29.4	12.9	42.3	68.2	-25.9	Peak	Vertical
*	10001.5	30.0	15.4	45.4	68.2	-22.8	Peak	Vertical
	11786.5	27.6	18.1	45.7	74.0	-28.3	Peak	Vertical
	15654.0	26.1	21.2	47.3	74.0	-26.7	Peak	Vertical

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

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

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

Product	ACCESS POINT	Test Engineer	Kevin Ker
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	110
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
*	8633.0	30.2	12.8	43.0	68.2	-25.2	Peak	Horizontal
*	10503.0	28.7	17.1	45.8	68.2	-22.4	Peak	Horizontal
	11582.5	29.5	18.3	47.8	74.0	-26.2	Peak	Horizontal
	15705.0	27.2	21.1	48.3	74.0	-25.7	Peak	Horizontal
*	8888.0	30.7	13.4	44.1	68.2	-24.1	Peak	Vertical
*	10290.5	29.5	16.4	45.9	68.2	-22.3	Peak	Vertical
	12237.0	30.7	17.9	48.6	74.0	-25.4	Peak	Vertical
	15492.5	25.7	21.5	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)

Product	ACCESS POINT	Test Engineer	Kevin Ker
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	134
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
*	8803.0	30.7	13.2	43.9	68.2	-24.3	Peak	Horizontal
*	10469.0	29.2	17.0	46.2	68.2	-22.0	Peak	Horizontal
	12203.0	30.1	17.9	48.0	74.0	-26.0	Peak	Horizontal
	15603.0	28.0	21.3	49.3	74.0	-24.7	Peak	Horizontal
*	8786.0	29.6	13.2	42.8	68.2	-25.4	Peak	Vertical
*	10214.0	27.4	16.1	43.5	68.2	-24.7	Peak	Vertical
	11642.0	29.3	18.3	47.6	74.0	-26.4	Peak	Vertical
	15883.5	27.3	20.8	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)

Product	ACCESS POINT	Test Engineer	Kevin Ker
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	142
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
*	8658.5	31.4	12.8	44.2	68.2	-24.0	Peak	Horizontal
*	9814.5	30.2	15.0	45.2	68.2	-23.0	Peak	Horizontal
	11582.5	29.1	18.3	47.4	74.0	-26.6	Peak	Horizontal
	15790.0	25.9	21.0	46.9	74.0	-27.1	Peak	Horizontal
*	8820.0	29.6	13.2	42.8	68.2	-25.4	Peak	Vertical
*	10290.5	28.3	16.4	44.7	68.2	-23.5	Peak	Vertical
	11735.5	27.1	18.2	45.3	74.0	-28.7	Peak	Vertical
	15586.0	27.7	21.3	49.0	74.0	-25.0	Peak	Vertical

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

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

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

Product	ACCESS POINT	Test Engineer	Kevin Ker
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	151
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8701.0	29.4	12.9	42.3	68.2	-25.9	Peak	Horizontal
*	10426.5	29.1	16.8	45.9	68.2	-22.3	Peak	Horizontal
	11540.0	29.3	18.4	47.7	74.0	-26.3	Peak	Horizontal
	15509.5	26.5	21.4	47.9	74.0	-26.1	Peak	Horizontal
*	8726.5	27.8	13.0	40.8	68.2	-27.4	Peak	Vertical
*	10035.5	28.4	15.5	43.9	68.2	-24.3	Peak	Vertical
	12262.5	30.2	17.9	48.1	74.0	-25.9	Peak	Vertical
	15798.5	25.6	20.9	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)

Product	ACCESS POINT	Test Engineer	Kevin Ker
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ac-VHT40 - Ant 0 + 1	Test Channel:	159
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8752.0	30.0	13.1	43.1	68.2	-25.1	Peak	Horizontal
*	10163.0	28.9	15.9	44.8	68.2	-23.4	Peak	Horizontal
	11591.0	29.5	18.3	47.8	74.0	-26.2	Peak	Horizontal
	15628.5	29.0	21.2	50.2	74.0	-23.8	Peak	Horizontal
*	8777.5	30.5	13.1	43.6	68.2	-24.6	Peak	Vertical
*	10503.0	29.1	17.1	46.2	68.2	-22.0	Peak	Vertical
	11599.5	29.8	18.3	48.1	74.0	-25.9	Peak	Vertical
	15807.0	27.7	20.9	48.6	74.0	-25.4	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.

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

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

Product	ACCESS POINT	Test Engineer	Kevin Ker
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ac-VHT80 - Ant 0 + 1	Test Channel:	42
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8692.5	30.1	12.9	43.0	68.2	-25.2	Peak	Horizontal
*	9721.0	30.7	14.8	45.5	68.2	-22.7	Peak	Horizontal
	12203.0	31.4	17.9	49.3	74.0	-24.7	Peak	Horizontal
	15781.5	27.4	21.0	48.4	74.0	-25.6	Peak	Horizontal
*	8845.5	28.8	13.3	42.1	68.2	-26.1	Peak	Vertical
*	9814.5	28.3	15.0	43.3	68.2	-24.9	Peak	Vertical
	11684.5	29.1	18.2	47.3	74.0	-26.7	Peak	Vertical
	15713.5	27.6	21.1	48.7	74.0	-25.3	Peak	Vertical

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

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

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

Product	ACCESS POINT	Test Engineer	Kevin Ker
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ac-VHT80 - Ant 0 + 1	Test Channel:	58
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
*	8633.0	30.3	12.8	43.1	68.2	-25.1	Peak	Horizontal
*	10307.5	29.6	16.4	46.0	68.2	-22.2	Peak	Horizontal
	11574.0	29.8	18.4	48.2	74.0	-25.8	Peak	Horizontal
	15807.0	27.5	20.9	48.4	74.0	-25.6	Peak	Horizontal
*	8709.5	27.8	13.0	40.8	68.2	-27.4	Peak	Vertical
*	10520.0	29.1	17.1	46.2	68.2	-22.0	Peak	Vertical
	12245.5	30.9	17.9	48.8	74.0	-25.2	Peak	Vertical
	15560.5	27.1	21.3	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)

Product	ACCESS POINT	Test Engineer	Kevin Ker
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ac-VHT80 - Ant 0 + 1	Test Channel:	106
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
*	8624.5	31.5	12.8	44.3	68.2	-23.9	Peak	Horizontal
*	9738.0	31.0	14.9	45.9	68.2	-22.3	Peak	Horizontal
	12288.0	30.4	17.9	48.3	74.0	-25.7	Peak	Horizontal
	15883.5	26.5	20.8	47.3	74.0	-26.7	Peak	Horizontal
*	8854.0	27.9	13.3	41.2	68.2	-27.0	Peak	Vertical
*	10078.0	28.1	15.6	43.7	68.2	-24.5	Peak	Vertical
	12305.0	30.5	17.9	48.4	74.0	-25.6	Peak	Vertical
	15535.0	27.5	21.4	48.9	74.0	-25.1	Peak	Vertical

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

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

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

Product	ACCESS POINT	Test Engineer	Kevin Ker
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ac-VHT80 - Ant 0 + 1	Test Channel:	122
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
*	8718.0	30.0	13.0	43.0	68.2	-25.2	Peak	Horizontal
*	9993.0	28.4	15.3	43.7	68.2	-24.5	Peak	Horizontal
	11489.0	29.1	18.4	47.5	74.0	-26.5	Peak	Horizontal
	15620.0	27.8	21.2	49.0	74.0	-25.0	Peak	Horizontal
*	8701.0	29.6	12.9	42.5	68.2	-25.7	Peak	Vertical
*	9789.0	29.6	15.0	44.6	68.2	-23.6	Peak	Vertical
	11701.5	29.7	18.2	47.9	74.0	-26.1	Peak	Vertical
	15679.5	27.3	21.1	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)

Product	ACCESS POINT	Test Engineer	Kevin Ker
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ac-VHT80 - Ant 0 + 1	Test Channel:	138
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	29.5	13.1	42.6	68.2	-25.6	Peak	Horizontal
*	10324.5	29.4	16.5	45.9	68.2	-22.3	Peak	Horizontal
	12126.5	30.7	17.8	48.5	74.0	-25.5	Peak	Horizontal
	15543.5	26.7	21.4	48.1	74.0	-25.9	Peak	Horizontal
*	8854.0	27.8	13.3	41.1	68.2	-27.1	Peak	Vertical
*	10350.0	26.6	16.6	43.2	68.2	-25.0	Peak	Vertical
	11540.0	29.6	18.4	48.0	74.0	-26.0	Peak	Vertical
	15611.5	27.3	21.3	48.6	74.0	-25.4	Peak	Vertical

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

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

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

Product	ACCESS POINT	Test Engineer	Kevin Ker
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ac-VHT80 - Ant 0 + 1	Test Channel:	155
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8743.5	29.9	13.1	43.0	68.2	-25.2	Peak	Horizontal
*	10316.0	28.8	16.4	45.2	68.2	-23.0	Peak	Horizontal
	12305.0	30.1	17.9	48.0	74.0	-26.0	Peak	Horizontal
	15637.0	27.3	21.2	48.5	74.0	-25.5	Peak	Horizontal
*	8811.5	28.2	13.2	41.4	68.2	-26.8	Peak	Vertical
*	10078.0	28.4	15.6	44.0	68.2	-24.2	Peak	Vertical
	12645.0	31.1	18.3	49.4	74.0	-24.6	Peak	Vertical
	15637.0	26.4	21.2	47.6	74.0	-26.4	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.

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

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

Product	ACCESS POINT	Test Engineer	Kevin Ker
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	36
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8769.0	29.6	13.1	42.7	68.2	-25.5	Peak	Horizontal
*	10137.5	30.2	15.8	46.0	68.2	-22.2	Peak	Horizontal
	12118.0	30.1	17.8	47.9	74.0	-26.1	Peak	Horizontal
	15637.0	27.8	21.2	49.0	74.0	-25.0	Peak	Horizontal
*	8811.5	28.6	13.2	41.8	68.2	-26.4	Peak	Vertical
*	9755.0	30.1	14.9	45.0	68.2	-23.2	Peak	Vertical
	12381.5	30.7	17.9	48.6	74.0	-25.4	Peak	Vertical
	15824.0	26.5	20.9	47.4	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)

Product	ACCESS POINT	Test Engineer	Kevin Ker
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	44
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8769.0	28.5	13.1	41.6	68.2	-26.6	Peak	Horizontal
*	10324.5	29.0	16.5	45.5	68.2	-22.7	Peak	Horizontal
	11599.5	29.4	18.3	47.7	74.0	-26.3	Peak	Horizontal
	15654.0	35.5	21.2	56.7	74.0	-17.3	Peak	Horizontal
	15659.0	25.4	21.2	46.6	54.0	-7.4	Average	Horizontal
*	8854.0	28.4	13.3	41.7	68.2	-26.5	Peak	Vertical
*	10248.0	30.1	16.2	46.3	68.2	-21.9	Peak	Vertical
	11599.5	29.8	18.3	48.1	74.0	-25.9	Peak	Vertical
	15656.8	26.7	21.2	47.9	54.0	-6.1	Average	Vertical
	15662.5	37.6	21.2	58.8	74.0	-15.2	Peak	Vertical

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

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

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

Product	ACCESS POINT	Test Engineer	Kevin Ker
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	48
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8667.0	30.8	12.9	43.7	68.2	-24.5	Peak	Horizontal
*	10282.0	29.5	16.3	45.8	68.2	-22.4	Peak	Horizontal
	11633.5	30.0	18.3	48.3	74.0	-25.7	Peak	Horizontal
	15713.2	24.9	21.1	46.0	54.0	-8.0	Average	Horizontal
	15713.5	35.1	21.1	56.2	74.0	-17.8	Peak	Horizontal
*	8735.0	29.1	13.0	42.1	68.2	-26.1	Peak	Vertical
*	9942.0	27.4	15.3	42.7	68.2	-25.5	Peak	Vertical
	11591.0	30.2	18.3	48.5	74.0	-25.5	Peak	Vertical
	15730.5	33.5	21.1	54.6	74.0	-19.4	Peak	Vertical
	15732.6	24.5	21.1	45.6	54.0	-8.4	Average	Vertical

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

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

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

Product	ACCESS POINT	Test Engineer	Kevin Ker
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	52
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
*	8675.5	30.3	12.9	43.2	68.2	-25.0	Peak	Horizontal
*	10333.0	29.8	16.5	46.3	68.2	-21.9	Peak	Horizontal
	11633.5	29.7	18.3	48.0	74.0	-26.0	Peak	Horizontal
	15773.0	34.9	21.0	55.9	74.0	-18.1	Peak	Horizontal
	15773.3	24.8	21.0	45.8	54.0	-8.2	Average	Horizontal
*	8616.0	29.1	12.7	41.8	68.2	-26.4	Peak	Vertical
*	10095.0	30.6	15.7	46.3	68.2	-21.9	Peak	Vertical
	11591.0	29.7	18.3	48.0	74.0	-26.0	Peak	Vertical
	15790.0	33.4	21.0	54.4	74.0	-19.6	Peak	Vertical
	15792.0	24.6	21.0	45.6	54.0	-8.4	Average	Vertical

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

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

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

Product	ACCESS POINT	Test Engineer	Kevin Ker
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	60
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
*	8726.5	29.6	13.0	42.6	68.2	-25.6	Peak	Horizontal
*	10528.5	29.5	17.1	46.6	68.2	-21.6	Peak	Horizontal
	11599.5	29.9	18.3	48.2	74.0	-25.8	Peak	Horizontal
	15900.5	33.8	20.8	54.6	74.0	-19.4	Peak	Horizontal
	15902.0	23.9	20.8	44.7	54.0	-9.3	Average	Horizontal
*	8735.0	29.7	13.0	42.7	68.2	-25.5	Peak	Vertical
*	10384.0	28.9	16.7	45.6	68.2	-22.6	Peak	Vertical
	11642.0	30.4	18.3	48.7	74.0	-25.3	Peak	Vertical
	15892.0	30.7	20.8	51.5	74.0	-22.5	Peak	Vertical

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

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

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

Product	ACCESS POINT	Test Engineer	Kevin Ker
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	64
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
*	8658.5	30.9	12.8	43.7	68.2	-24.5	Peak	Horizontal
*	10341.5	30.0	16.5	46.5	68.2	-21.7	Peak	Horizontal
	11591.0	30.6	18.3	48.9	74.0	-25.1	Peak	Horizontal
	15926.0	25.1	20.7	45.8	74.0	-28.2	Peak	Horizontal
*	8701.0	29.5	12.9	42.4	68.2	-25.8	Peak	Vertical
*	10537.0	29.6	17.1	46.7	68.2	-21.5	Peak	Vertical
	11616.5	30.7	18.3	49.0	74.0	-25.0	Peak	Vertical
	15637.0	27.9	21.2	49.1	74.0	-24.9	Peak	Vertical

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

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

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

Product	ACCESS POINT	Test Engineer	Kevin Ker
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	100
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
*	8658.5	28.7	12.8	41.5	68.2	-26.7	Peak	Horizontal
*	9729.5	30.8	14.9	45.7	68.2	-22.5	Peak	Horizontal
	11540.0	29.8	18.4	48.2	74.0	-25.8	Peak	Horizontal
	15509.5	26.4	21.4	47.8	74.0	-26.2	Peak	Horizontal
*	8624.5	30.1	12.8	42.9	68.2	-25.3	Peak	Vertical
*	10248.0	28.7	16.2	44.9	68.2	-23.3	Peak	Vertical
	11897.0	28.1	17.9	46.0	74.0	-28.0	Peak	Vertical
	15577.5	26.3	21.3	47.6	74.0	-26.4	Peak	Vertical

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

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

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

Product	ACCESS POINT	Test Engineer	Kevin Ker
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	116
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
*	8743.5	29.5	13.1	42.6	68.2	-25.6	Peak	Horizontal
*	9797.5	30.2	15.0	45.2	68.2	-23.0	Peak	Horizontal
	12271.0	30.6	17.9	48.5	74.0	-25.5	Peak	Horizontal
	15960.0	27.3	20.7	48.0	74.0	-26.0	Peak	Horizontal
*	8743.5	29.8	13.1	42.9	68.2	-25.3	Peak	Vertical
*	10333.0	29.4	16.5	45.9	68.2	-22.3	Peak	Vertical
	12347.5	30.0	17.9	47.9	74.0	-26.1	Peak	Vertical
	15535.0	27.0	21.4	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)

Product	ACCESS POINT	Test Engineer	Kevin Ker
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	140
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
*	8845.5	29.4	13.3	42.7	68.2	-25.5	Peak	Horizontal
*	10316.0	29.0	16.4	45.4	68.2	-22.8	Peak	Horizontal
	12228.5	30.2	17.9	48.1	74.0	-25.9	Peak	Horizontal
	15705.0	27.2	21.1	48.3	74.0	-25.7	Peak	Horizontal
*	8845.5	29.9	13.3	43.2	68.2	-25.0	Peak	Vertical
*	10435.0	28.3	16.8	45.1	68.2	-23.1	Peak	Vertical
	11591.0	30.6	18.3	48.9	74.0	-25.1	Peak	Vertical
	15688.0	28.1	21.1	49.2	74.0	-24.8	Peak	Vertical

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

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

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

Product	ACCESS POINT	Test Engineer	Kevin Ker
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	144
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
*	8624.5	29.3	12.8	42.1	68.2	-26.1	Peak	Horizontal
*	10460.5	28.8	16.9	45.7	68.2	-22.5	Peak	Horizontal
	11642.0	29.4	18.3	47.7	74.0	-26.3	Peak	Horizontal
	15535.0	27.2	21.4	48.6	74.0	-25.4	Peak	Horizontal
*	8726.5	30.5	13.0	43.5	68.2	-24.7	Peak	Vertical
*	10061.0	27.7	15.6	43.3	68.2	-24.9	Peak	Vertical
	12594.0	29.6	18.2	47.8	74.0	-26.2	Peak	Vertical
	15679.5	27.8	21.1	48.9	74.0	-25.1	Peak	Vertical

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

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

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

Product	ACCESS POINT	Test Engineer	Kevin Ker
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	149
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8794.5	29.6	13.2	42.8	68.2	-25.4	Peak	Horizontal
*	10324.5	29.0	16.5	45.5	68.2	-22.7	Peak	Horizontal
	11565.5	29.7	18.4	48.1	74.0	-25.9	Peak	Horizontal
	15917.5	24.8	20.7	45.5	74.0	-28.5	Peak	Horizontal
*	8701.0	30.1	12.9	43.0	68.2	-25.2	Peak	Vertical
*	10333.0	28.9	16.5	45.4	68.2	-22.8	Peak	Vertical
	12203.0	29.9	17.9	47.8	74.0	-26.2	Peak	Vertical
	15620.0	28.9	21.2	50.1	74.0	-23.9	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)

Product	ACCESS POINT	Test Engineer	Kevin Ker
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	157
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8624.5	30.1	12.8	42.9	68.2	-25.3	Peak	Horizontal
*	10307.5	27.7	16.4	44.1	68.2	-24.1	Peak	Horizontal
	11625.0	30.0	18.3	48.3	74.0	-25.7	Peak	Horizontal
	15543.5	27.6	21.4	49.0	74.0	-25.0	Peak	Horizontal
*	8760.5	29.7	13.1	42.8	68.2	-25.4	Peak	Vertical
*	9942.0	26.8	15.3	42.1	68.2	-26.1	Peak	Vertical
	11642.0	29.5	18.3	47.8	74.0	-26.2	Peak	Vertical
	15739.0	24.9	21.0	45.9	74.0	-28.1	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)

Product	ACCESS POINT	Test Engineer	Kevin Ker
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ax-HE20 - Ant 0 + 1	Test Channel:	165
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8599.0	30.6	12.7	43.3	68.2	-24.9	Peak	Horizontal
*	9704.0	31.9	14.8	46.7	68.2	-21.5	Peak	Horizontal
	12245.5	29.8	17.9	47.7	74.0	-26.3	Peak	Horizontal
	15620.0	27.8	21.2	49.0	74.0	-25.0	Peak	Horizontal
*	8692.5	28.7	12.9	41.6	68.2	-26.6	Peak	Vertical
*	10528.5	28.8	17.1	45.9	68.2	-22.3	Peak	Vertical
	11667.5	29.1	18.2	47.3	74.0	-26.7	Peak	Vertical
	15756.0	23.8	21.0	44.8	74.0	-29.2	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)

Product	ACCESS POINT	Test Engineer	Kevin Ker
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	38
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8769.0	29.2	13.1	42.3	68.2	-25.9	Peak	Horizontal
*	10256.5	29.5	16.2	45.7	68.2	-22.5	Peak	Horizontal
	12254.0	31.1	17.9	49.0	74.0	-25.0	Peak	Horizontal
	15509.5	26.4	21.4	47.8	74.0	-26.2	Peak	Horizontal
*	8786.0	30.5	13.2	43.7	68.2	-24.5	Peak	Vertical
*	10460.5	28.6	16.9	45.5	68.2	-22.7	Peak	Vertical
	11735.5	29.2	18.2	47.4	74.0	-26.6	Peak	Vertical
	15577.5	27.1	21.3	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)

Product	ACCESS POINT	Test Engineer	Kevin Ker
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	46
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8828.5	31.5	13.3	44.8	68.2	-23.4	Peak	Horizontal
*	10256.5	30.0	16.2	46.2	68.2	-22.0	Peak	Horizontal
	11642.0	30.2	18.3	48.5	74.0	-25.5	Peak	Horizontal
	15680.5	25.6	21.1	46.7	54.0	-7.3	Average	Horizontal
	15696.5	35.0	21.1	56.1	74.0	-17.9	Peak	Horizontal
*	8735.0	29.0	13.0	42.0	68.2	-26.2	Peak	Vertical
*	10316.0	28.7	16.4	45.1	68.2	-23.1	Peak	Vertical
	12203.0	30.6	17.9	48.5	74.0	-25.5	Peak	Vertical
	15680.5	24.7	21.1	45.8	54.0	-8.2	Average	Vertical
	15688.0	33.9	21.1	55.0	74.0	-19.0	Peak	Vertical

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

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

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

Product	ACCESS POINT	Test Engineer	Kevin Ker
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	54
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
*	8735.0	28.6	13.0	41.6	68.2	-26.6	Peak	Horizontal
*	9729.5	31.4	14.9	46.3	68.2	-21.9	Peak	Horizontal
	11642.0	29.7	18.3	48.0	74.0	-26.0	Peak	Horizontal
	15815.1	24.0	20.9	44.9	54.0	-9.1	Average	Horizontal
	15815.5	33.2	20.9	54.1	74.0	-19.9	Peak	Horizontal
*	8735.0	30.0	13.0	43.0	68.2	-25.2	Peak	Vertical
*	10392.5	28.8	16.7	45.5	68.2	-22.7	Peak	Vertical
	11710.0	30.1	18.2	48.3	74.0	-25.7	Peak	Vertical
	15501.0	27.4	21.4	48.8	74.0	-25.2	Peak	Vertical

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

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

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

Product	ACCESS POINT	Test Engineer	Kevin Ker
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	62
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
*	8692.5	29.0	12.9	41.9	68.2	-26.3	Peak	Horizontal
*	10299.0	29.7	16.4	46.1	68.2	-22.1	Peak	Horizontal
	12594.0	29.5	18.2	47.7	74.0	-26.3	Peak	Horizontal
	15433.0	26.3	21.5	47.8	74.0	-26.2	Peak	Horizontal
*	8675.5	30.3	12.9	43.2	68.2	-25.0	Peak	Vertical
*	9797.5	30.0	15.0	45.0	68.2	-23.2	Peak	Vertical
	12101.0	29.8	17.8	47.6	74.0	-26.4	Peak	Vertical
	15577.5	27.2	21.3	48.5	74.0	-25.5	Peak	Vertical

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

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

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

Product	ACCESS POINT	Test Engineer	Kevin Ker
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	102
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
*	8667.0	28.4	12.9	41.3	68.2	-26.9	Peak	Horizontal
*	10452.0	29.3	16.9	46.2	68.2	-22.0	Peak	Horizontal
	12347.5	29.8	17.9	47.7	74.0	-26.3	Peak	Horizontal
	15467.0	25.2	21.5	46.7	74.0	-27.3	Peak	Horizontal
*	8769.0	29.2	13.1	42.3	68.2	-25.9	Peak	Vertical
*	10290.5	29.3	16.4	45.7	68.2	-22.5	Peak	Vertical
	11642.0	29.5	18.3	47.8	74.0	-26.2	Peak	Vertical
	15654.0	25.4	21.2	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)

Product	ACCESS POINT	Test Engineer	Kevin Ker
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	110
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
*	8777.5	31.1	13.1	44.2	68.2	-24.0	Peak	Horizontal
*	10265.0	29.3	16.3	45.6	68.2	-22.6	Peak	Horizontal
	12262.5	30.0	17.9	47.9	74.0	-26.1	Peak	Horizontal
	15560.5	25.2	21.3	46.5	74.0	-27.5	Peak	Horizontal
*	8607.5	30.6	12.7	43.3	68.2	-24.9	Peak	Vertical
*	10401.0	29.3	16.7	46.0	68.2	-22.2	Peak	Vertical
	12118.0	31.4	17.8	49.2	74.0	-24.8	Peak	Vertical
	15560.5	28.1	21.3	49.4	74.0	-24.6	Peak	Vertical

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

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

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

Product	ACCESS POINT	Test Engineer	Kevin Ker
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	134
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	29.9	13.1	43.0	68.2	-25.2	Peak	Horizontal
*	10324.5	29.3	16.5	45.8	68.2	-22.4	Peak	Horizontal
	11608.0	29.4	18.3	47.7	74.0	-26.3	Peak	Horizontal
	15620.0	27.6	21.2	48.8	74.0	-25.2	Peak	Horizontal
*	8752.0	30.2	13.1	43.3	68.2	-24.9	Peak	Vertical
*	9729.5	30.3	14.9	45.2	68.2	-23.0	Peak	Vertical
	12177.5	29.9	17.9	47.8	74.0	-26.2	Peak	Vertical
	15705.0	25.8	21.1	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)

Product	ACCESS POINT	Test Engineer	Kevin Ker
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	142
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
*	8777.5	29.9	13.1	43.0	68.2	-25.2	Peak	Horizontal
*	10443.5	28.6	16.9	45.5	68.2	-22.7	Peak	Horizontal
	11735.5	29.5	18.2	47.7	74.0	-26.3	Peak	Horizontal
	15509.5	26.6	21.4	48.0	74.0	-26.0	Peak	Horizontal
*	8624.5	30.7	12.8	43.5	68.2	-24.7	Peak	Vertical
*	10520.0	29.0	17.1	46.1	68.2	-22.1	Peak	Vertical
	12143.5	30.5	17.8	48.3	74.0	-25.7	Peak	Vertical
	15637.0	28.1	21.2	49.3	74.0	-24.7	Peak	Vertical

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

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

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

Product	ACCESS POINT	Test Engineer	Kevin Ker
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	151
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8845.5	30.2	13.3	43.5	68.2	-24.7	Peak	Horizontal
*	10231.0	29.7	16.2	45.9	68.2	-22.3	Peak	Horizontal
	12135.0	30.0	17.8	47.8	74.0	-26.2	Peak	Horizontal
	15526.5	26.2	21.4	47.6	74.0	-26.4	Peak	Horizontal
*	8820.0	30.6	13.2	43.8	68.2	-24.4	Peak	Vertical
*	10486.0	29.2	17.0	46.2	68.2	-22.0	Peak	Vertical
	11591.0	30.2	18.3	48.5	74.0	-25.5	Peak	Vertical
	15611.5	28.6	21.3	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)

Product	ACCESS POINT	Test Engineer	Kevin Ker
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ax-HE40 - Ant 0 + 1	Test Channel:	159
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8684.0	31.1	12.9	44.0	68.2	-24.2	Peak	Horizontal
*	10248.0	29.0	16.2	45.2	68.2	-23.0	Peak	Horizontal
	12118.0	30.3	17.8	48.1	74.0	-25.9	Peak	Horizontal
	15611.5	27.6	21.3	48.9	74.0	-25.1	Peak	Horizontal
*	8752.0	30.1	13.1	43.2	68.2	-25.0	Peak	Vertical
*	9942.0	27.9	15.3	43.2	68.2	-25.0	Peak	Vertical
	11846.0	28.7	18.0	46.7	74.0	-27.3	Peak	Vertical
	15586.0	26.9	21.3	48.2	74.0	-25.8	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)

Product	ACCESS POINT	Test Engineer	Kevin Ker
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ax-HE80 - Ant 0 + 1	Test Channel:	42
Remark:	3. Average measurement was not performed if peak level lower than average limit. 1. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8616.0	28.8	12.7	41.5	68.2	-26.7	Peak	Horizontal
*	10469.0	29.3	17.0	46.3	68.2	-21.9	Peak	Horizontal
	12254.0	29.5	17.9	47.4	74.0	-26.6	Peak	Horizontal
	15662.5	24.5	21.2	45.7	74.0	-28.3	Peak	Horizontal
*	8735.0	28.8	13.0	41.8	68.2	-26.4	Peak	Vertical
*	9942.0	26.9	15.3	42.2	68.2	-26.0	Peak	Vertical
	12228.5	30.6	17.9	48.5	74.0	-25.5	Peak	Vertical
	15492.5	25.8	21.5	47.3	74.0	-26.7	Peak	Vertical

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

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

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

Product	ACCESS POINT	Test Engineer	Kevin Ker
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ax-HE80 - Ant 0 + 1	Test Channel:	58
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
*	8701.0	28.6	12.9	41.5	68.2	-26.7	Peak	Horizontal
*	10299.0	29.9	16.4	46.3	68.2	-21.9	Peak	Horizontal
	11642.0	30.2	18.3	48.5	74.0	-25.5	Peak	Horizontal
	15586.0	27.5	21.3	48.8	74.0	-25.2	Peak	Horizontal
*	8616.0	30.1	12.7	42.8	68.2	-25.4	Peak	Vertical
*	10256.5	29.2	16.2	45.4	68.2	-22.8	Peak	Vertical
	12602.5	30.5	18.2	48.7	74.0	-25.3	Peak	Vertical
	15620.0	28.7	21.2	49.9	74.0	-24.1	Peak	Vertical

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

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

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

Product	ACCESS POINT	Test Engineer	Kevin Ker
Test Mode:	802.11ax-HE80 - Ant 0 + 1	Test Channel:	106
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
*	8735.0	28.3	13.0	41.3	68.2	-26.9	Peak	Horizontal
*	10469.0	29.2	17.0	46.2	68.2	-22.0	Peak	Horizontal
	11693.0	30.4	18.2	48.6	74.0	-25.4	Peak	Horizontal
	15628.5	28.4	21.2	49.6	74.0	-24.4	Peak	Horizontal
*	8616.0	29.2	12.7	41.9	68.2	-26.3	Peak	Vertical
*	10239.5	30.1	16.2	46.3	68.2	-21.9	Peak	Vertical
	12041.5	30.0	17.8	47.8	74.0	-26.2	Peak	Vertical
	15756.0	24.8	21.0	45.8	74.0	-28.2	Peak	Vertical

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

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

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

Product	ACCESS POINT	Test Engineer	Kevin Ker
Test Mode:	802.11ax-HE80 - Ant 0 + 1	Test Channel:	122
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
*	8854.0	28.0	13.3	41.3	68.2	-26.9	Peak	Horizontal
*	10120.5	27.2	15.8	43.0	68.2	-25.2	Peak	Horizontal
	12135.0	30.9	17.8	48.7	74.0	-25.3	Peak	Horizontal
	15611.5	28.2	21.3	49.5	74.0	-24.5	Peak	Horizontal
*	8760.5	28.6	13.1	41.7	68.2	-26.5	Peak	Vertical
*	10460.5	29.2	16.9	46.1	68.2	-22.1	Peak	Vertical
	11650.5	29.5	18.3	47.8	74.0	-26.2	Peak	Vertical
	15560.5	25.9	21.3	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)

Product	ACCESS POINT	Test Engineer	Kevin Ker
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ax-HE80 - Ant 0 + 1	Test Channel:	138
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
*	8658.5	28.5	12.8	41.3	68.2	-26.9	Peak	Horizontal
*	10511.5	29.7	17.1	46.8	68.2	-21.4	Peak	Horizontal
	11642.0	29.9	18.3	48.2	74.0	-25.8	Peak	Horizontal
	15628.5	28.2	21.2	49.4	74.0	-24.6	Peak	Horizontal
*	8658.5	28.7	12.8	41.5	68.2	-26.7	Peak	Vertical
*	9789.0	30.2	15.0	45.2	68.2	-23.0	Peak	Vertical
	11633.5	29.7	18.3	48.0	74.0	-26.0	Peak	Vertical
	15985.5	27.3	20.6	47.9	74.0	-26.1	Peak	Vertical

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

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

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

Product	ACCESS POINT	Test Engineer	Kevin Ker
Test Site	AC1	Test Date	2020/07/17
Test Mode:	802.11ax-HE80 - Ant 0 + 1	Test Channel:	155
Remark:	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8599.0	30.3	12.7	43.0	68.2	-25.2	Peak	Horizontal
*	10307.5	29.9	16.4	46.3	68.2	-21.9	Peak	Horizontal
	12050.0	29.5	17.8	47.3	74.0	-26.7	Peak	Horizontal
	15628.5	27.7	21.2	48.9	74.0	-25.1	Peak	Horizontal
*	8675.5	30.1	12.9	43.0	68.2	-25.2	Peak	Vertical
*	10214.0	28.3	16.1	44.4	68.2	-23.8	Peak	Vertical
	11497.5	29.6	18.4	48.0	74.0	-26.0	Peak	Vertical
	15543.5	28.2	21.4	49.6	74.0	-24.4	Peak	Vertical

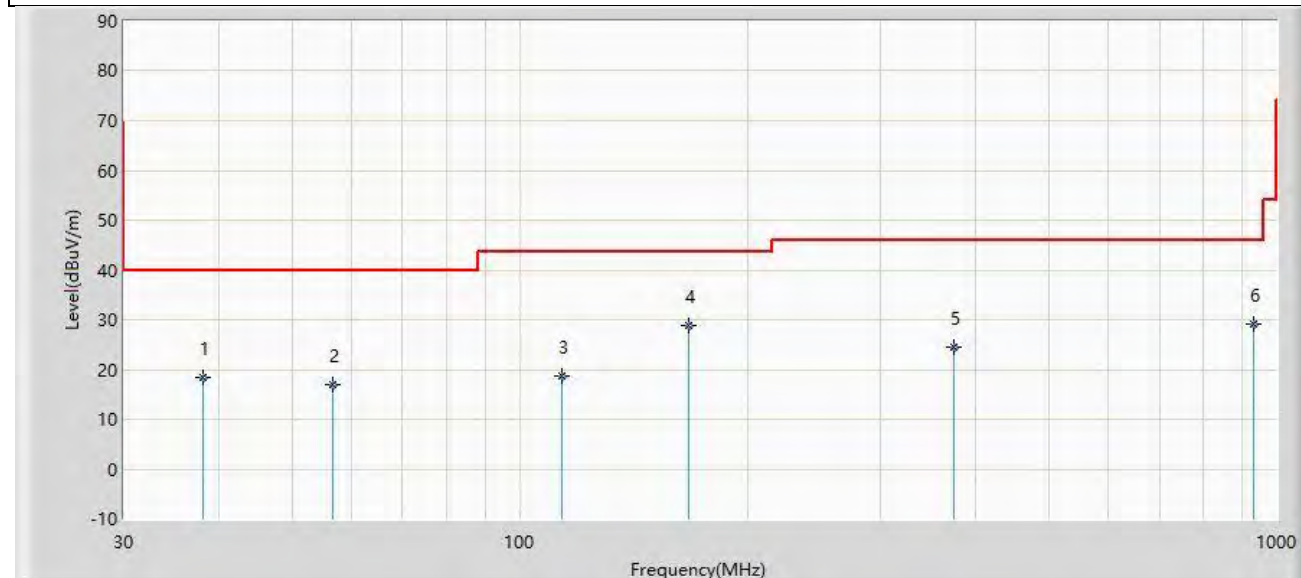
Note 1: “*” is not in restricted band, its limit is -27dBm/MHz or -17dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

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 Result of Radiated Emission below 1GHz:

Site: AC1	Time: 2020/08/06 - 01:37
Limit: NCC LP0002_30MHz-1GHz_QP	Engineer: Kevin Ker
Probe: VULB 9162 (30MHz~8GHz)	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at channel 5510MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			38.245	18.545	-1.540	-21.455	40.000	20.085	QP
2			56.675	17.083	-3.540	-22.917	40.000	20.623	QP
3			113.905	18.672	0.650	-24.828	43.500	18.022	QP
4		*	167.255	28.827	12.540	-14.673	43.500	16.287	QP
5			374.835	24.377	0.584	-21.623	46.000	23.793	QP
6			930.645	29.108	-2.540	-16.892	46.000	31.648	QP

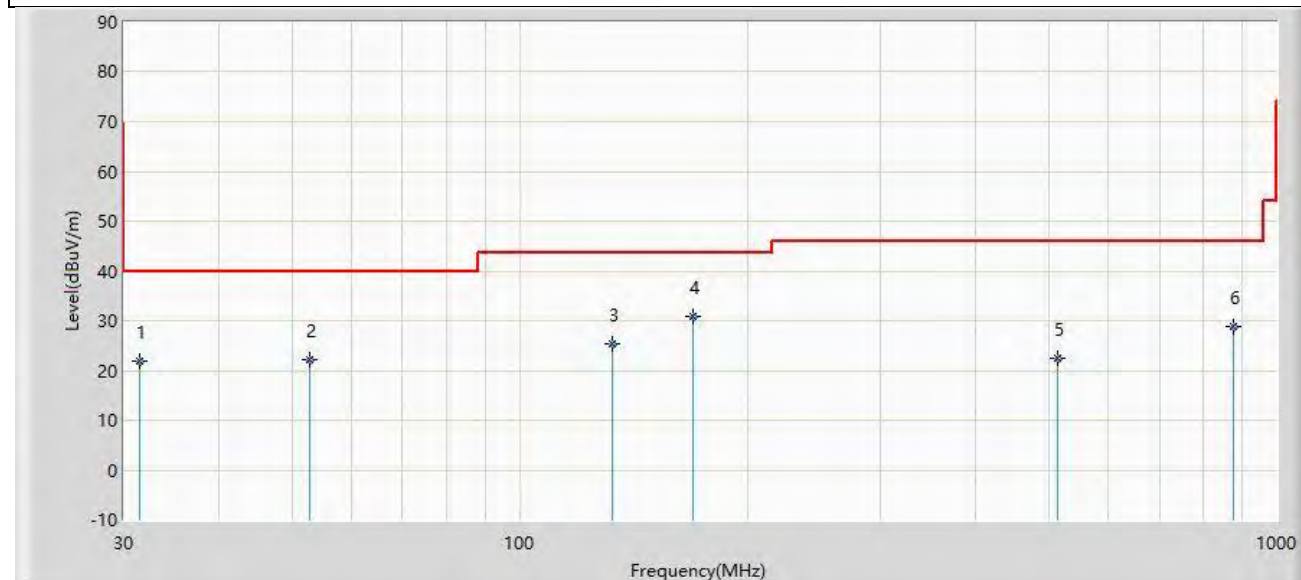
Note 1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

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

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

Note 3: 經初測驗證過，1GHz 以下輻射干擾測試對測試頻道數並無差異，故僅檢附最差狀況之測試頻道。

Site: AC1	Time: 2020/08/06 - 01:39
Limit: NCC LP0002_30MHz-1GHz_QP	Engineer: Kevin Ker
Probe: VULB 9162 (30MHz~8GHz)	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at channel 5510MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			31.455	21.824	3.540	-18.176	40.000	18.284	QP
2			52.795	22.317	1.100	-17.683	40.000	21.216	QP
3			132.820	25.369	9.540	-18.131	43.500	15.829	QP
4		*	169.680	30.983	14.640	-12.517	43.500	16.343	QP
5			514.030	22.501	-3.540	-23.499	46.000	26.041	QP
6			874.870	28.927	-2.450	-17.073	46.000	31.377	QP

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

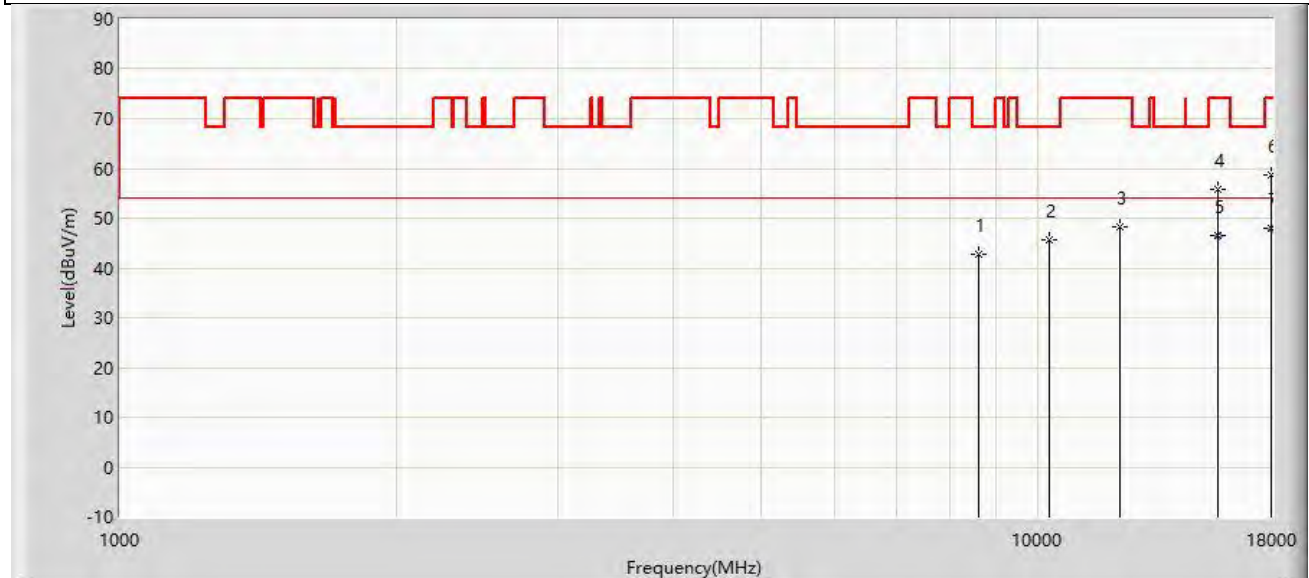
Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m)

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

Note 3: 經初測驗證過，1GHz 以下輻射干擾測試對測試頻道數並無差異，故僅檢附最差狀況之測試頻道。

The Worse Case Result Plot of Radiated Spurious Emission Above 1GHz

Site: AC1	Time: 2020/07/17 - 16:38
Limit: NCC LP0002_1GHz-40GHz	Engineer: Kevin Ker
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Horizontal
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5230MHz	



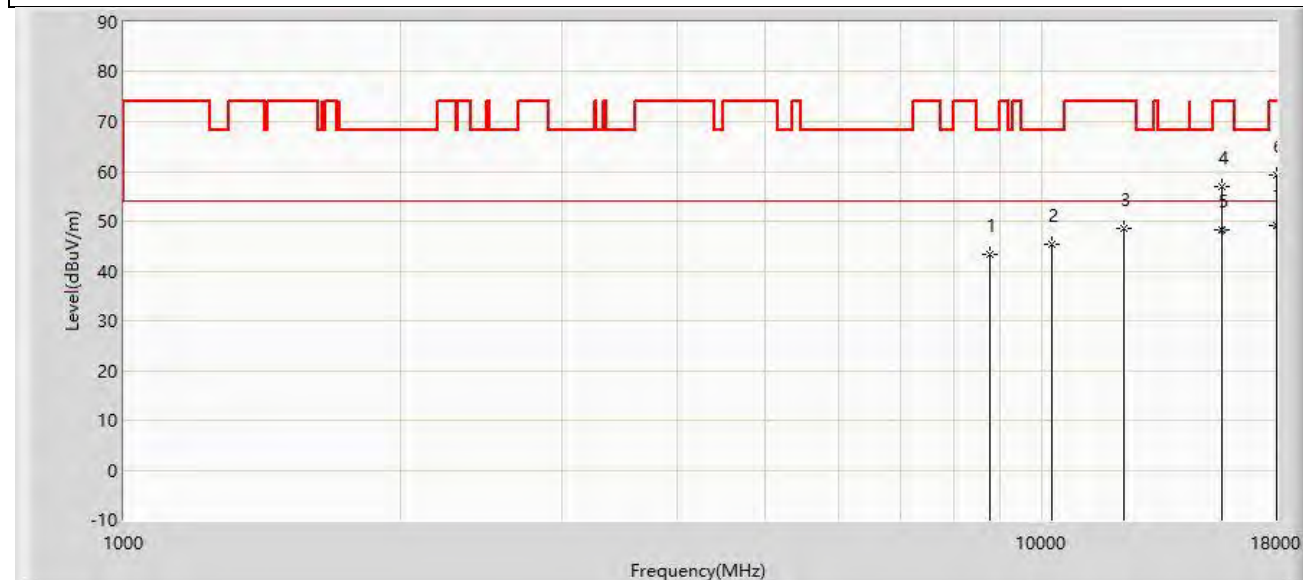
No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			8607.500	42.666	29.947	-25.534	68.200	12.719	PK
2			10299.000	45.565	29.182	-22.635	68.200	16.383	PK
3			12262.500	48.242	30.378	-25.758	74.000	17.864	PK
4			15688.000	55.918	34.784	-18.082	74.000	21.134	PK
5			15689.400	46.422	25.290	-7.578	54.000	21.132	AV
6			17966.000	58.696	26.724	-15.304	74.000	31.972	PK
7		*	17966.000	47.893	15.921	-6.107	54.000	31.972	AV

Note1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

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

Note2: The amplitude of radiated emissions (Frequency range around 13 to 18GHz above average limit) is same as the ambient noise, we selected the highest peak level frequency and performed average emission testing again.

Site: AC1	Time: 2020/07/17 - 16:39
Limit: NCC LP0002_1GHz-40GHz	Engineer: Kevin Ker
Probe: BBHA 9120D (1GHz~18GHz)	Polarity: Vertical
EUT: ACCESS POINT	Power: AC 110V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5230MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			8769.000	43.240	30.126	-24.960	68.200	13.114	PK
2			10248.000	45.436	29.228	-22.764	68.200	16.208	PK
3			12254.000	48.604	30.740	-25.396	74.000	17.864	PK
4			15679.500	57.034	35.886	-16.966	74.000	21.149	PK
5			15679.600	48.300	27.152	-5.700	54.000	21.147	AV
6			17991.500	59.212	27.166	-14.788	74.000	32.047	PK
7		*	17991.500	48.998	16.952	-5.002	54.000	32.047	AV

Note1: Measure Level (dBuV/m) = Reading Level (dBuV) + Factor (dB)

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

Note2: The amplitude of radiated emissions (Frequency range around 13 to 18GHz above average limit) is same as the ambient noise, we selected the highest peak level frequency and performed average emission testing again.

Test Result of Radiated Emissions for Co-located

Test Mode:	2.4GHz, 5GHz Wi-Fi + ZigBee Transmit	Test Site:	AC1
Test Engineer:	Kevin Ker	Polarity:	Horizontal
Remark:	There is the ambient noise within frequency range 9kHz~30MHz and 18GHz~40GHz, the permissible value is not show in the report.		



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			7366.500	41.317	29.980	-32.683	74.000	11.337	PK
2			7366.518	29.200	17.863	-24.800	54.000	11.338	AV
3			8131.500	43.258	30.748	-30.742	74.000	12.510	PK
4			8131.525	31.149	18.639	-22.851	54.000	12.510	AV
5			13469.500	50.804	30.326	-23.196	74.000	20.479	PK
6		*	13469.517	39.492	19.014	-14.508	54.000	20.479	AV

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

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

Note 2: We selected the 2.4GHz and 5GHz worst-case mode of radiated spurious emissions in the DTS and UNII reports.

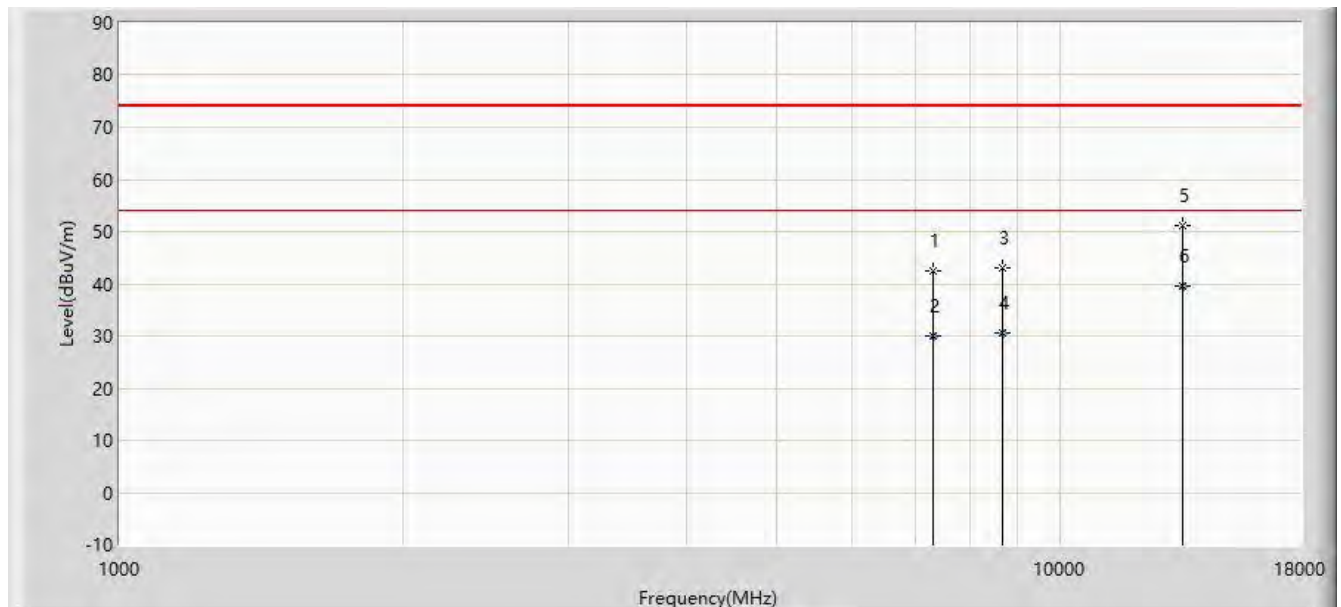
Note 3: 2.4GHz Wi-Fi 802.11b Channel 2437MHz Power setting = 86;

5GHz Wi-Fi 802.11ac-VHT40 Channel 5270MHz Power setting = 89;

2.4GHz ZigBee channel 2405MHz Power setting = 8;

Note 4: ZigBee and Bluetooth-LE can't transmit simultaneously and ZigBee power higher than Bluetooth-LE, so we only assess the WIFI and ZigBee simultaneous transmission.

Test Mode:	2.4GHz, 5GHz Wi-Fi + ZigBee Transmit	Test Site:	AC1
Test Engineer:	Kevin Ker	Polarity:	Vertical
Remark:	There is the ambient noise within frequency range 9kHz~30MHz and 18GHz~40GHz, the permissible value is not show in the report.		



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			7324.000	42.509	31.292	-31.491	74.000	11.217	PK
2			7324.620	29.950	18.731	-24.050	54.000	11.219	AV
3			8675.500	42.965	30.080	-31.035	74.000	12.884	PK
4			8675.640	30.528	17.643	-23.472	54.000	12.886	AV
5			13503.500	51.227	30.667	-22.773	74.000	20.561	PK
6		*	13503.554	39.424	18.863	-14.576	54.000	20.561	AV

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

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

Note 2: We selected the 2.4GHz and 5GHz worst-case mode of radiated spurious emissions in the DTS and UNII reports.

Note 3: 2.4GHz Wi-Fi 802.11b Channel 2437MHz Power setting = 86;

5GHz Wi-Fi 802.11ac-VHT40 Channel 5270MHz Power setting = 89;

2.4GHz ZigBee channel 2405MHz Power setting = 8;

Note 4: ZigBee and Bluetooth-LE can't transmit simultaneously and ZigBee power higher than Bluetooth-LE, so we only assess the WIFI and ZigBee simultaneous transmission.

5.9. 發射功率控制

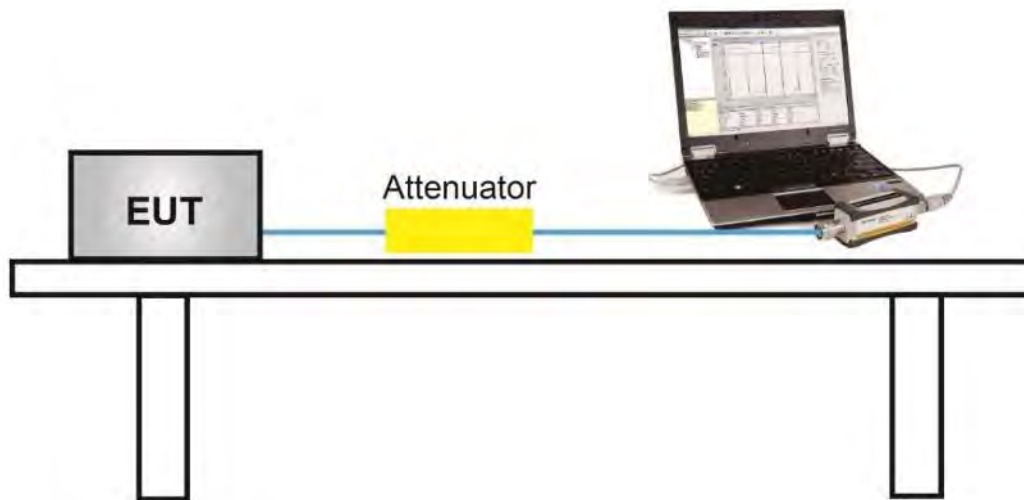
5.9.1. 適用標準

操作於5.250~5.350 及5.470~5.725 兆赫頻帶的設備，應具備發射功率控制機能。設備必須至少具有6dB 低於平均EIRP 值30dBm 的能力。

5.9.2. 量測方法

待測物之天線埠經由適當之衰減直接連至頻譜分析儀 RF 輸入端，峰值發射功率必須使用依據均方根等效電壓校準之儀器量測於任何連續傳輸之時段，量測結果須依儀器限制(如偵測器反應時間、相較於發射頻寬有限之解析頻寬能力，靈敏度等)調整得出正確之峰值量測或使用峰值功率表。

5.9.3. 測試架構圖



5.9.4. 發射功率控制測試結果

客戶宣稱支援設備具有 6dB 發射功率控制機能。

5.10. 頻率穩定性

5.10.1. 適用標準

依據國家通訊傳播委員會低功率射頻電機技術規範之第 4.7.7 節

無線資訊傳輸設備的製造廠商應確保頻率穩定性，如依製造廠商使用手冊上所述正常操作，發射的信號應維持於操作頻帶中。

5.10.2. 量測方法

(一) 測量對溫度之頻率穩定性

1. 將未供電之受測物置於環境溫櫃中，供應受測物標稱之交流電源或使用全新或充電完全之電池。若可行，則將天線連接至受測物之天線輸出接頭。使用假性負載會影響受測物之輸出頻率。若受測物具備或使用長度可調整式之天線，應使其完全伸出。

2. 供應受測物標稱之交流電源或裝入全新或完全充電之電池於受測物。啟動受測物並耦合其輸出至計頻器或其他具足夠精度之頻率量測裝置，依受測物所必須符合的頻率差度衡量。

註：為達量測目的，可將測量天線近置於受測物（例如離 15cm）而以適當長度之同軸纜線連接至測量儀器。

諧調受測物至任何指定之頻率，調整測量天線之位置及測量儀器上之控制，以獲得合適之信號位準，以避免測量儀器過載而又有足夠強度測量受測物操作或主波頻率之位準。

3. 關閉受測物且置之於環境溫櫃中，設定至適用規範指定之最高溫度。對正常為持續操作之裝置，當置於溫櫃中時可使受測物運作。對具備震盪器加熱器之裝置，當置於溫櫃中時只可使加熱器線路運作。

4. 使溫櫃之溫度有足夠時間達到穩定，當溫櫃內維持在一定溫度時，啟動受測物，並於開始時、以及啟動後第 2 分鐘、第 5 分鐘與第 10 分鐘測量受測物之操作頻率，共作四次測量。

5. 若只有單一操作頻率須測量，請進行步驟(6)，否則關閉受測物且使其有足夠時間以回穩在環境溫度，將受測物連續設定於其他新增的操作頻率以重複步驟(4)。

6. 重複步驟(4)與(5) 但溫櫃設定至適用章節規定之最低溫度。在進行此測量之前須確定使溫櫃到達穩定。

(二) 測量對輸入電壓之頻率穩定性

1. 本測量可在環境室溫為+15 到+25°C 範圍內進行，或者使用環境溫櫃設定為+20°C 。若可能的話，則將天線連接至受測物之天線輸出接頭，以避免假性負載影響受測物之輸出頻率。若受測物具備或使用長度可調整式之天線，應使其完全伸出。

2. 供應受測物標稱之交流電源或使用全新或充電完全之電池。啟動受測物並耦合其輸出至計頻器或其他具足夠精度之頻率量測裝置，依受測物所必須符合的頻率差度衡量。

註：為達量測目的，可將測量天線近置於受測物（例如離 15cm）而以適當長度之同軸纜線連接至測量儀器。

3. 諧調受測物至任何規定之頻率，調整測量天線之位置及測量儀器上之控制以獲得合適之信號位準，以避免測量儀器過載而又有足夠強度測量受測物操作或主波頻率之位準。關閉受測物，而若有需要置之於環境溫櫃中，在繼續進行之前使溫櫃穩定在+20°C，約須 30 分鐘。啟動受測物並於開始時、以及啟動後第 2 分鐘、第 5 分鐘與第 10 分鐘測量受測物之操作頻率，共作四次測量。

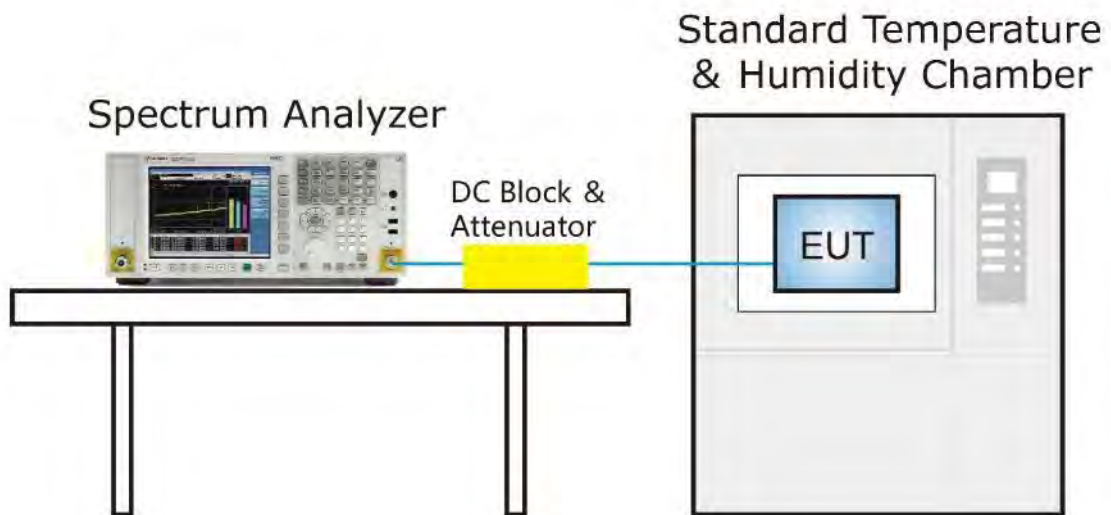
4. 若只有單一操作頻率須測量，請進行步驟(5)，否則關閉受測物且使其有足夠時間以回穩在環境溫度，

將受測物連續設定於其他新增的操作頻率以重複步驟(3)。

5. 若受測物由交流電力線供電，供應其 85%的標稱交流電壓並重複步驟(3)與(4)。若受測物由電池供電，供應其標稱最低工作電壓。

6. 若受測物由交流電力線電，供應其 115%的標稱交流電壓並重複步驟(3)與(4)。

5.10.3. 測試架構圖



5.10.4. 頻率穩定性測試結果

待測物名稱	ACCESS POINT	溫度	0 ~ 40°C
測試日期	2020/07/22	濕度	48 ~ 55%RH
測試場地	SR2	測試工程師	Kevin Ker
測試模式	5180MHz (Carrier Mode)		

Voltage (%)	Power (VAC)	Temp (°C)	Frequency Tolerance (ppm)			
			0 minutes	2 minutes	5 minutes	10 minutes
100%	120	0	-6.45	-5.52	-6.81	-5.71
		+ 10	-6.18	-5.12	-5.10	-5.37
		+ 20 (Ref)	-6.08	-5.75	-6.99	-5.46
		+ 30	-5.89	-5.77	-6.15	-6.73
		+ 40	-6.57	-5.09	-6.82	-5.48
115%	138	+ 20	-6.42	-5.04	-6.01	-5.14
85%	102	+ 20	-5.15	-6.32	-6.53	-5.12

Note: Frequency Tolerance (ppm) = {[Measured Frequency (Hz) - Declared Frequency (Hz)] / Declared Frequency (Hz)} * 10⁶.

結束